

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078494.D
 Acq On : 21 Feb 2024 11:54
 Operator : RP/MD
 Sample : VD0221SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

Quant Time: Feb 22 00:01:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	109523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	189194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	173277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65368	55.199	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.400%			
35) Dibromofluoromethane	7.810	113	70782	58.897	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.800%			
50) Toluene-d8	10.269	98	275977	57.406	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 114.820%			
62) 4-Bromofluorobenzene	12.575	95	78707	56.259	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21193	19.639	ug/l	98
3) Chloromethane	2.152	50	35987	18.146	ug/l	95
4) Vinyl Chloride	2.287	62	57424	18.976	ug/l	99
5) Bromomethane	2.687	94	47348	22.667	ug/l	99
6) Chloroethane	2.834	64	46450	21.050	ug/l	99
7) Trichlorofluoromethane	3.175	101	46722	22.887	ug/l	97
8) Diethyl Ether	3.599	74	13026	22.154	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	29173	22.653	ug/l	95
10) Methyl Iodide	4.163	142	26825	23.257	ug/l #	90
11) Tert butyl alcohol	5.063	59	7171	108.531	ug/l #	87
12) 1,1-Dichloroethene	3.946	96	26541	22.230	ug/l	94
13) Acrolein	3.793	56	9760	89.213	ug/l	91
14) Allyl chloride	4.557	41	31718	21.504	ug/l	91
15) Acrylonitrile	5.257	53	28870	114.697	ug/l	97
16) Acetone	4.028	43	33342	133.149	ug/l	88
17) Carbon Disulfide	4.275	76	76363	19.008	ug/l	98
18) Methyl Acetate	4.563	43	11277	16.270	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	56652	22.333	ug/l	92
20) Methylene Chloride	4.810	84	35651	25.033	ug/l #	91
21) trans-1,2-Dichloroethene	5.322	96	30564	21.760	ug/l	93
22) Diisopropyl ether	6.216	45	73392	22.576	ug/l	95
23) Vinyl Acetate	6.157	43	187298m	134.073	ug/l	
24) 1,1-Dichloroethane	6.116	63	55351	24.035	ug/l	96
25) 2-Butanone	7.087	43	38487	120.119	ug/l	88
26) 2,2-Dichloropropane	7.081	77	43449	22.506	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	35360	22.946	ug/l	95
28) Bromochloromethane	7.428	49	19051	20.886	ug/l	82
29) Tetrahydrofuran	7.451	42	20172	114.541	ug/l	91
30) Chloroform	7.604	83	58283	23.920	ug/l	95
31) Cyclohexane	7.881	56	38860	19.399	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	49088	23.629	ug/l	99
36) 1,1-Dichloropropene	8.010	75	41735	22.354	ug/l	97
37) Ethyl Acetate	7.175	43	15485	23.661	ug/l #	93
38) Carbon Tetrachloride	7.987	117	42381	22.922	ug/l	98
39) Methylcyclohexane	9.275	83	45349	20.461	ug/l	96
40) Benzene	8.251	78	124741	23.116	ug/l	98

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Quant Time: Feb 22 00:01:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	7751	22.757	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	32761	23.463	ug/l	100
43) Isopropyl Acetate	8.363	43	27518	22.707	ug/l	96
44) Trichloroethene	9.028	130	33217	24.128	ug/l	100
45) 1,2-Dichloropropane	9.304	63	31017	23.426	ug/l	95
46) Dibromomethane	9.398	93	17974	24.135	ug/l	89
47) Bromodichloromethane	9.587	83	43865	23.781	ug/l	99
48) Methyl methacrylate	9.381	41	13593	21.142	ug/l #	80
49) 1,4-Dioxane	9.392	88	3707	459.639	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	74181	115.330	ug/l	93
52) Toluene	10.334	92	77827	22.806	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	38782	23.042	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	49116	24.066	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	24458	24.387	ug/l	93
56) Ethyl methacrylate	10.598	69	24936	26.884	ug/l	92
57) 1,3-Dichloropropane	10.875	76	40499	23.739	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	67489	123.524	ug/l	97
59) 2-Hexanone	10.922	43	61206	126.621	ug/l	88
60) Dibromochloromethane	11.075	129	29333	24.309	ug/l	95
61) 1,2-Dibromoethane	11.175	107	23128	24.564	ug/l	100
64) Tetrachloroethene	10.804	164	26497	24.210	ug/l	96
65) Chlorobenzene	11.604	112	84365	24.218	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	31494	24.601	ug/l	96
67) Ethyl Benzene	11.681	91	145272	23.275	ug/l	93
68) m/p-Xylenes	11.792	106	117060	48.081	ug/l	92
69) o-Xylene	12.116	106	53846	24.235	ug/l	95
70) Styrene	12.133	104	93226	25.710	ug/l	99
71) Bromoform	12.298	173	18102	26.865	ug/l #	93
73) Isopropylbenzene	12.422	105	139314	22.843	ug/l	95
74) N-amyl acetate	12.233	43	26717	23.156	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	28626	23.662	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	18512m	24.008	ug/l	
77) Bromobenzene	12.704	156	34929	24.370	ug/l	95
78) n-propylbenzene	12.763	91	177201	23.315	ug/l	97
79) 2-Chlorotoluene	12.845	91	93347	22.932	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	113991	22.509	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	8608	23.176	ug/l	99
82) 4-Chlorotoluene	12.945	91	102421	23.427	ug/l	95
83) tert-Butylbenzene	13.163	119	100796	23.601	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	117377	22.838	ug/l	99
85) sec-Butylbenzene	13.345	105	158366	23.910	ug/l	95
86) p-Isopropyltoluene	13.457	119	128506	22.778	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	72034	23.548	ug/l	98
88) 1,4-Dichlorobenzene	13.533	146	71938	23.933	ug/l	98
89) n-Butylbenzene	13.786	91	126948	23.346	ug/l	95
90) Hexachloroethane	14.051	117	26959	23.250	ug/l	93
91) 1,2-Dichlorobenzene	13.827	146	62888	24.481	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3723	23.503	ug/l	96
93) 1,2,4-Trichlorobenzene	15.092	180	35504	23.517	ug/l	98
94) Hexachlorobutadiene	15.204	225	18691	23.719	ug/l	98
95) Naphthalene	15.333	128	64095	22.890	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	30596	23.913	ug/l	99

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ClientSampleId :
VD0221SBS01

Manual Integrations
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Supervised By :Semsettin Yesilyurt 02/22/2024

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :

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ClientSampleId :

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Manual Integrations

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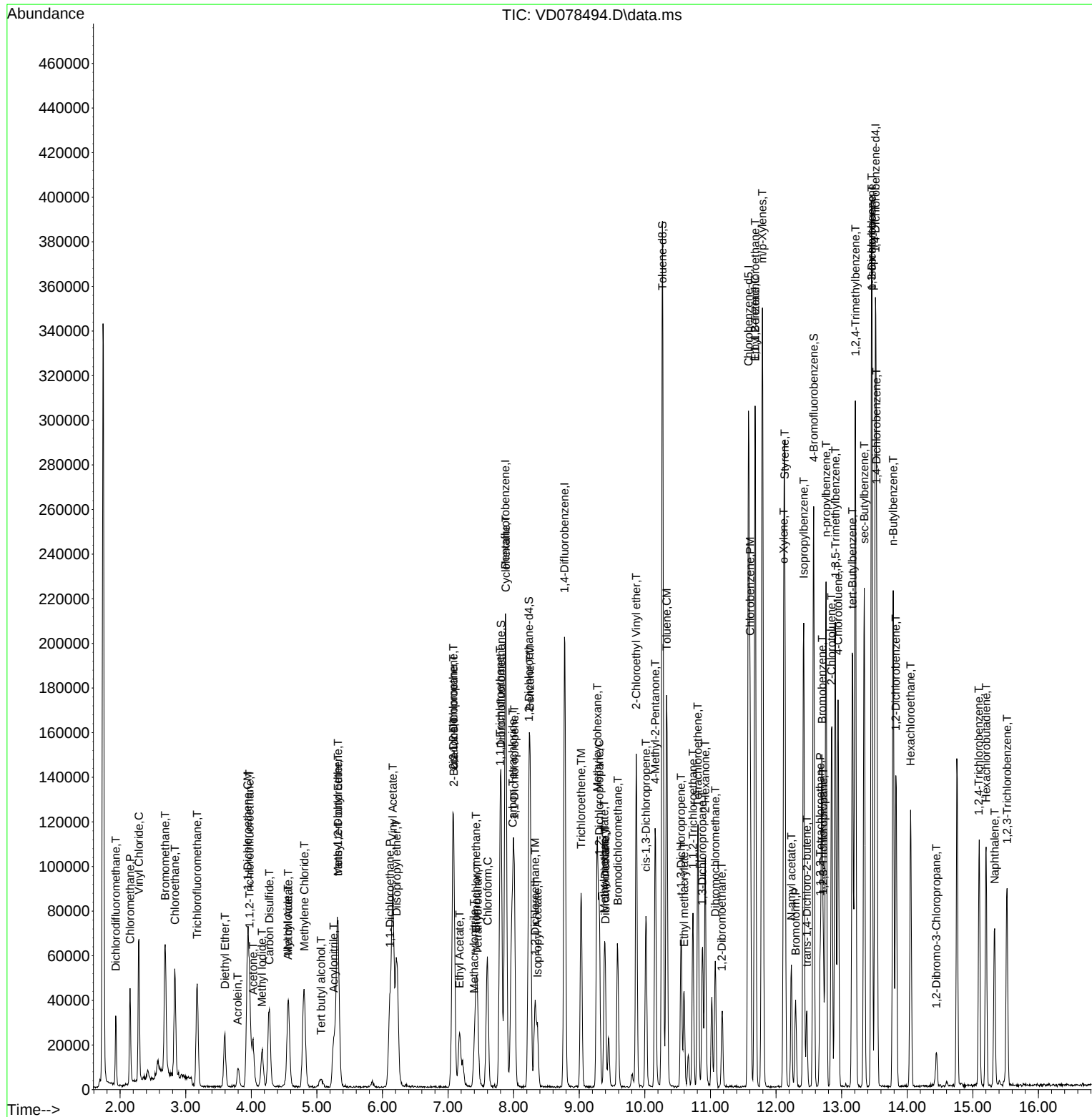
Quant Time: Feb 22 00:01:50 2024

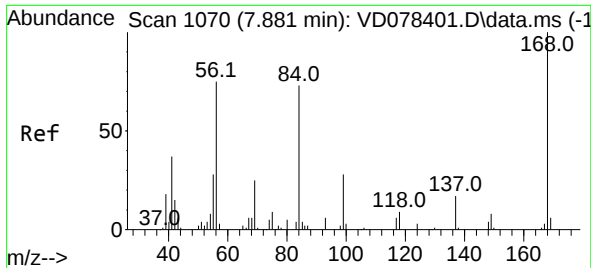
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M

Quant Title : SW846 8260

QLast Update : Wed Feb 14 01:16:20 2024

Response via : Initial Calibration





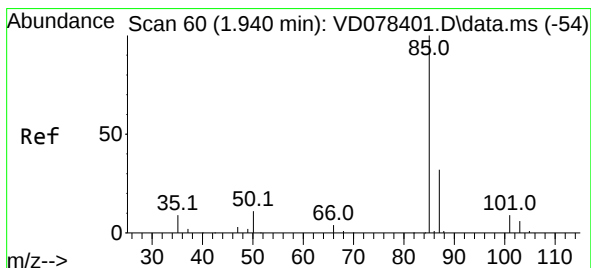
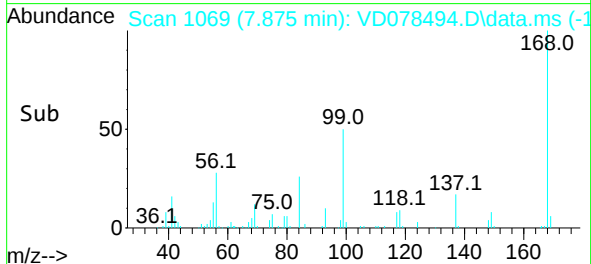
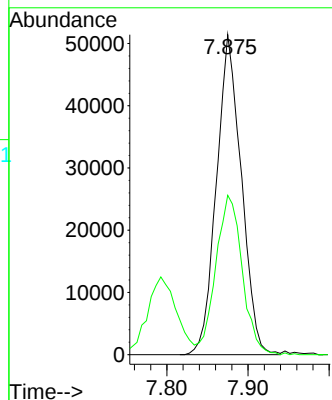
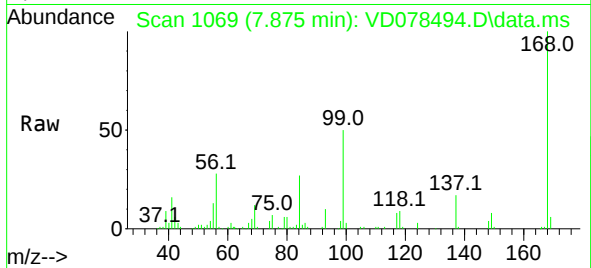
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10952
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

Tgt Ion:168 Resp: 10952
Ion Ratio Lower Upper
168 100
99 49.8 36.7 55.1

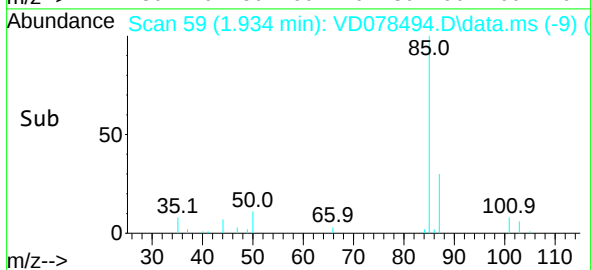
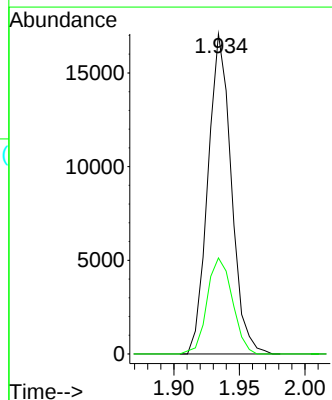
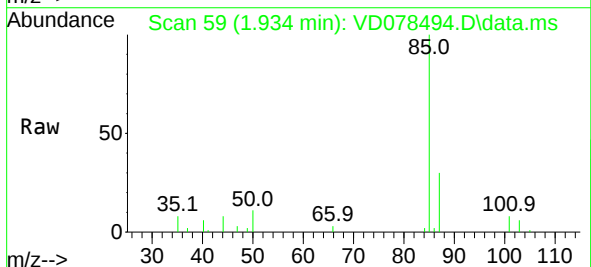
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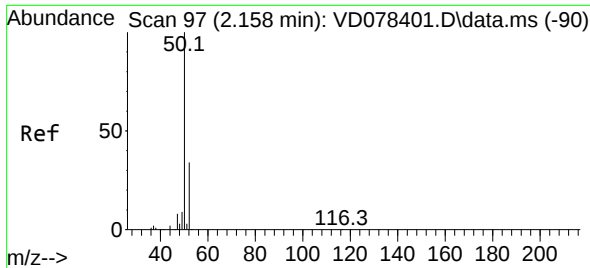
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#2
Dichlorodifluoromethane
Concen: 19.639 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

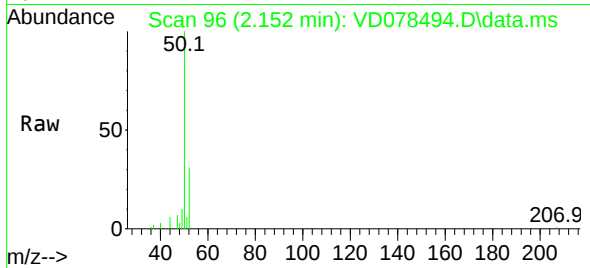
Tgt Ion: 85 Resp: 21193
Ion Ratio Lower Upper
85 100
87 30.0 15.7 47.0





#3
Chloromethane
Concen: 18.146 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

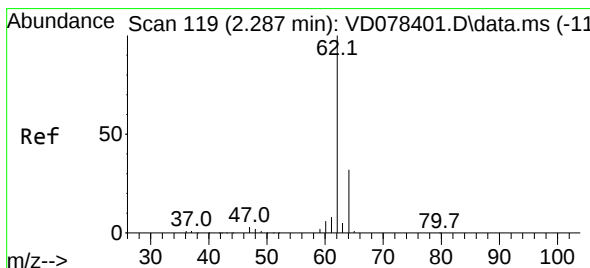
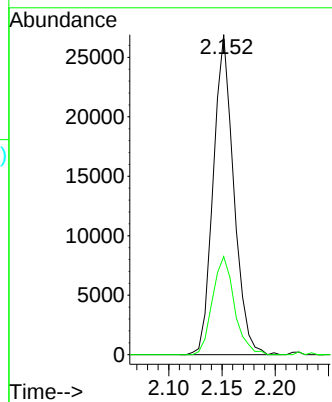
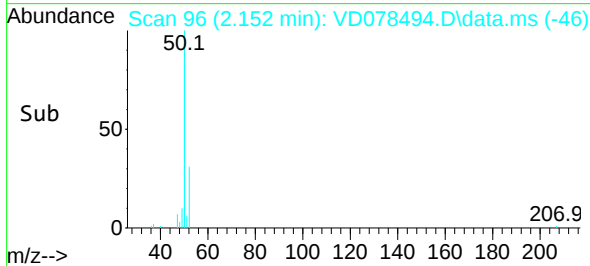
Instrument :
MSVOA_D
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Tgt Ion: 50 Resp: 3598
Ion Ratio Lower Upper
50 100
52 30.6 26.6 40.0

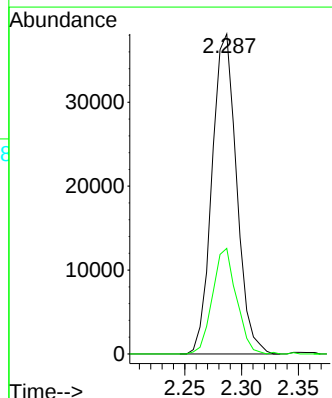
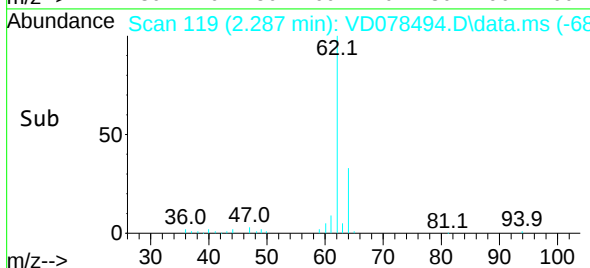
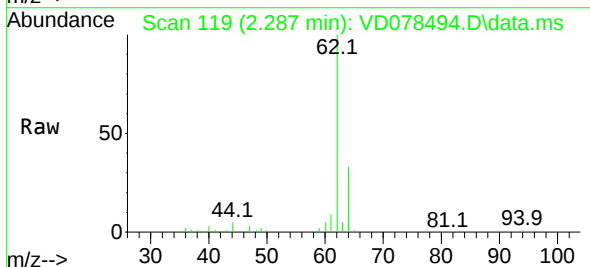
Manual Integrations
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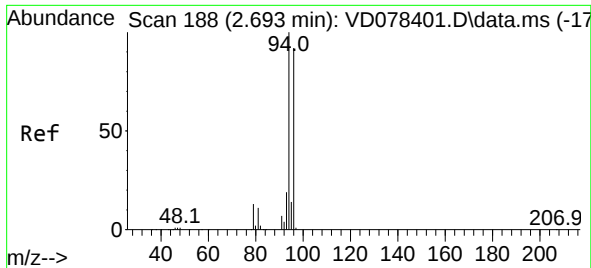
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#4
Vinyl Chloride
Concen: 18.976 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

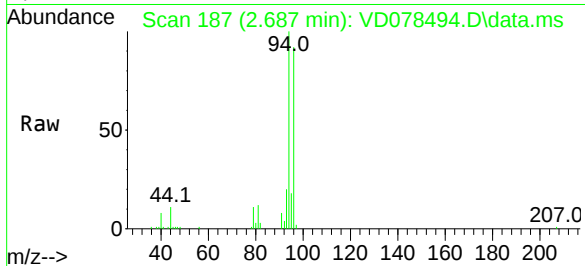
Tgt Ion: 62 Resp: 57424
Ion Ratio Lower Upper
62 100
64 33.0 26.0 39.0





#5
Bromomethane
Concen: 22.667 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

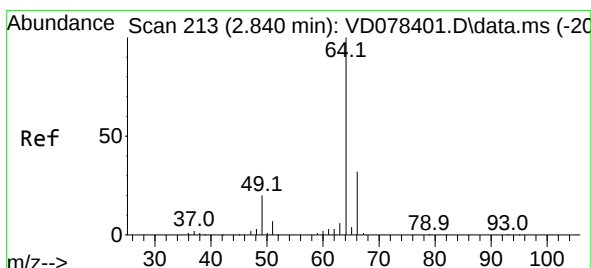
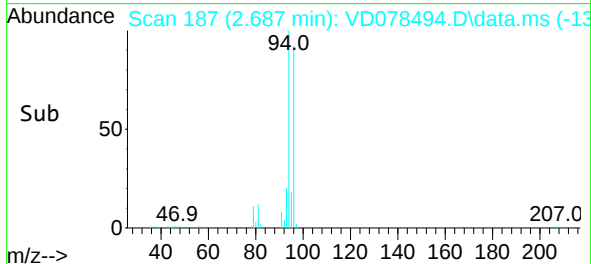
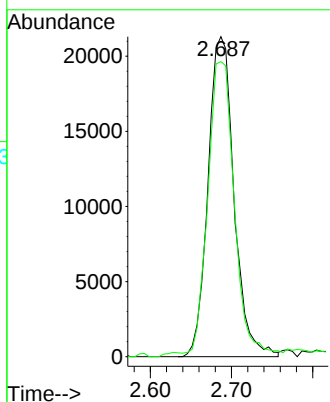
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Tgt Ion: 94 Resp: 47348
Ion Ratio Lower Upper
94 100
96 95.6 75.8 113.8

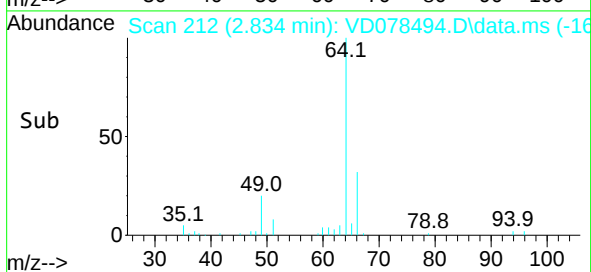
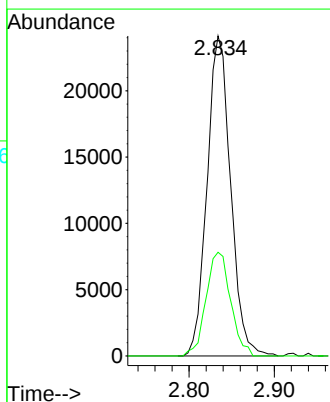
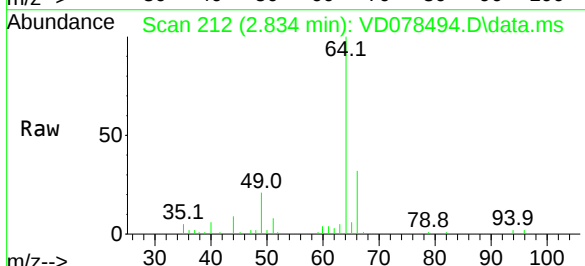
Manual Integrations
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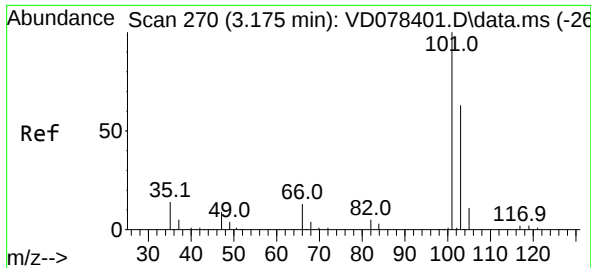
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#6
Chloroethane
Concen: 21.050 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

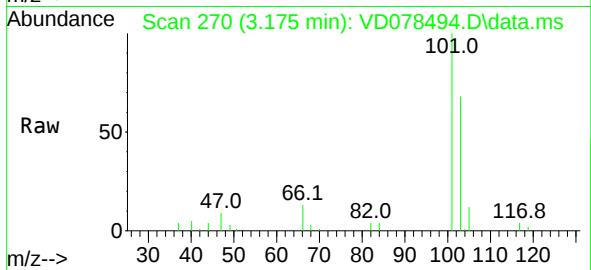
Tgt Ion: 64 Resp: 46450
Ion Ratio Lower Upper
64 100
66 32.4 25.5 38.3





#7
Trichlorofluoromethane
Concen: 22.887 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

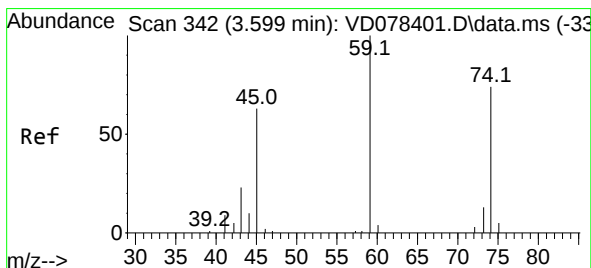
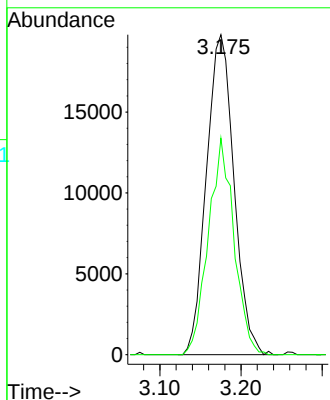
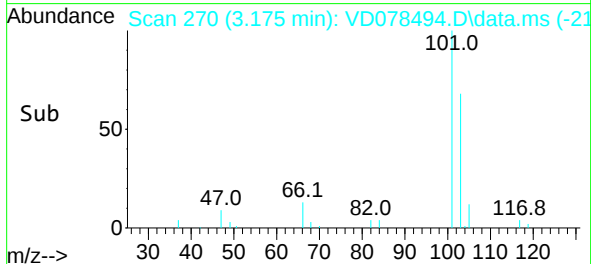
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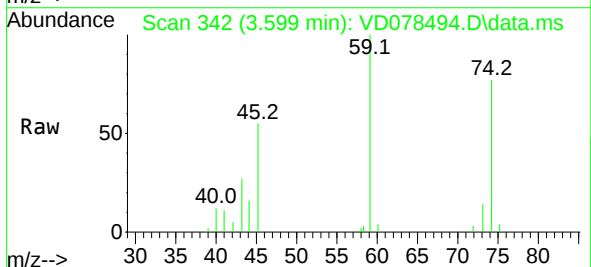
Tgt Ion:101 Resp: 4672
Ion Ratio Lower Upper
101 100
103 67.6 52.3 78.5

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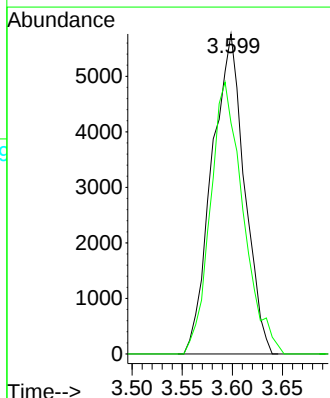
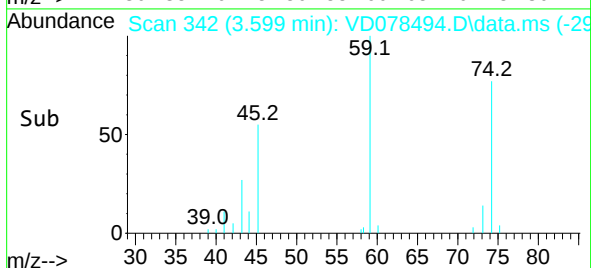
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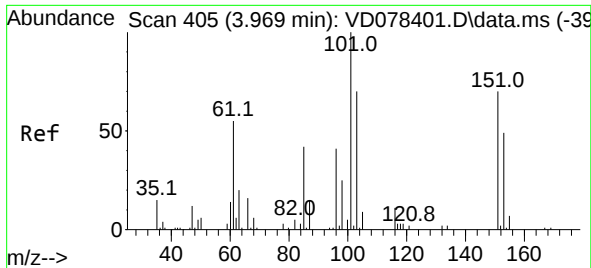


#8
Diethyl Ether
Concen: 22.154 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54



Tgt Ion: 74 Resp: 13026
Ion Ratio Lower Upper
74 100
45 85.5 37.5 112.7





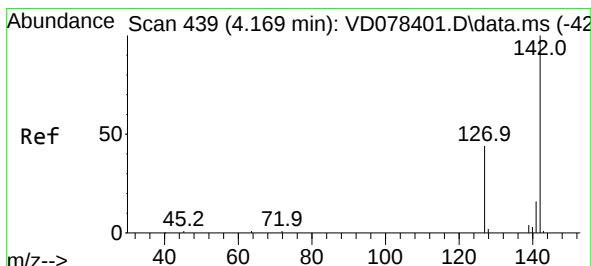
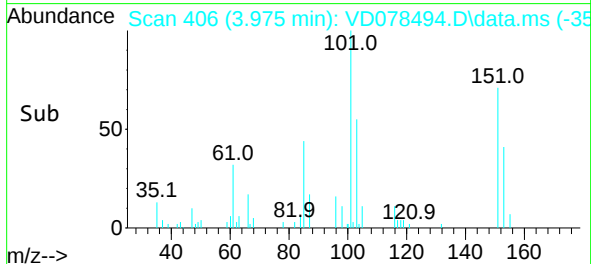
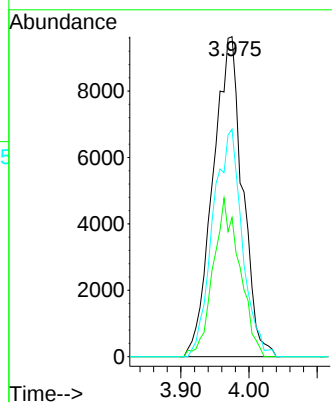
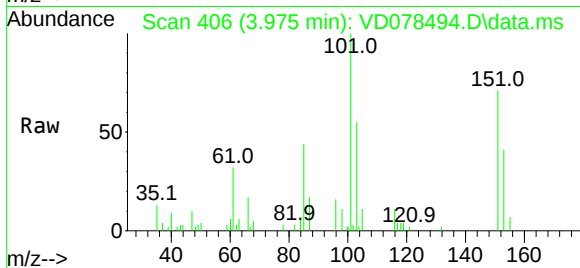
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.653 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

Tgt Ion:101 Resp: 2917
Ion Ratio Lower Upper
101 100
85 44.5 33.8 50.6
151 70.3 59.8 89.6

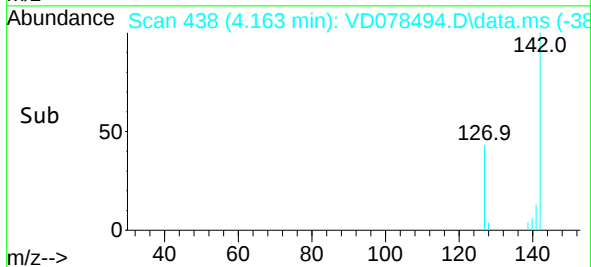
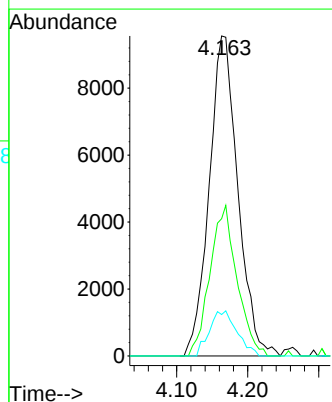
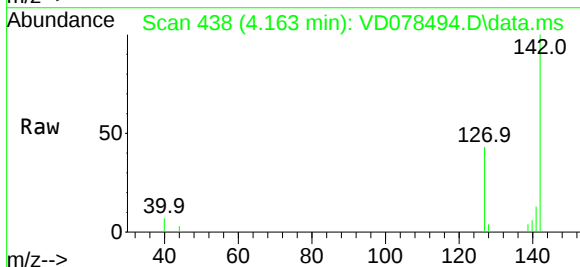
Manual Integrations
APPROVED

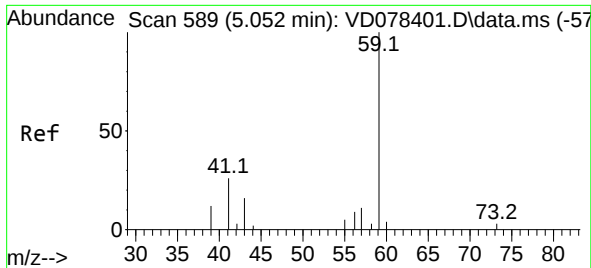
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#10
Methyl Iodide
Concen: 23.257 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

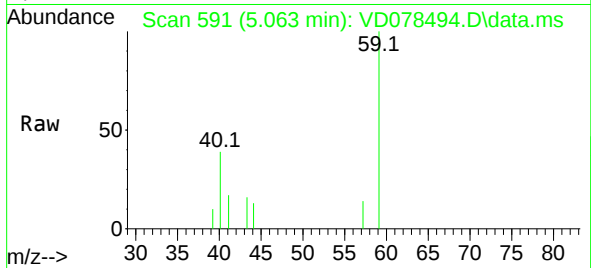
Tgt Ion:142 Resp: 26825
Ion Ratio Lower Upper
142 100
127 44.3 29.4 44.0#
141 13.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 108.531 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

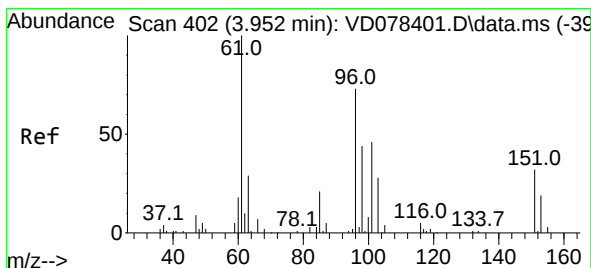
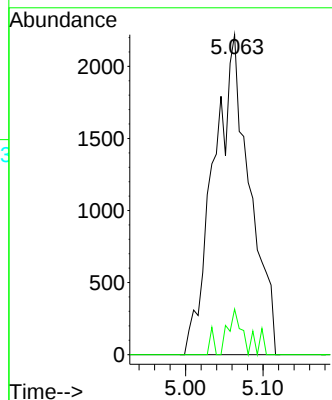
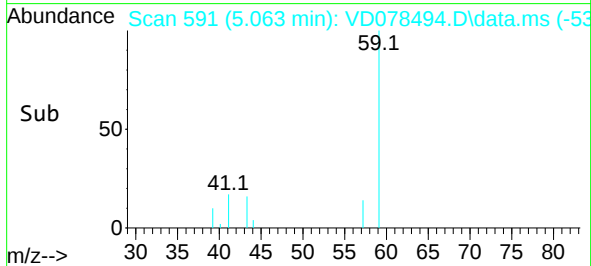
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



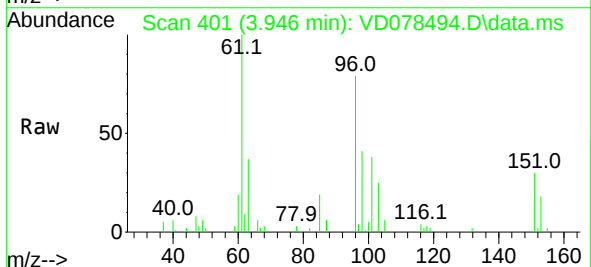
Tgt Ion: 59 Resp: 717
Ion Ratio Lower Upper
59 100
57 5.1 7.8 11.8

Manual Integrations
APPROVED

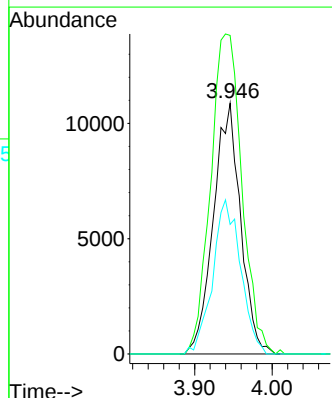
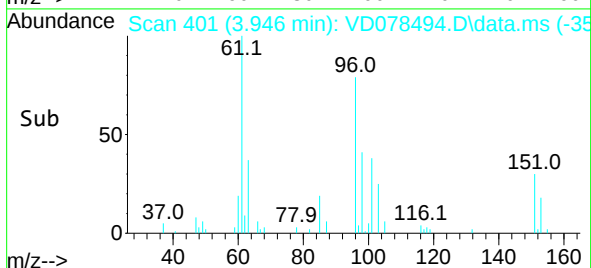
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

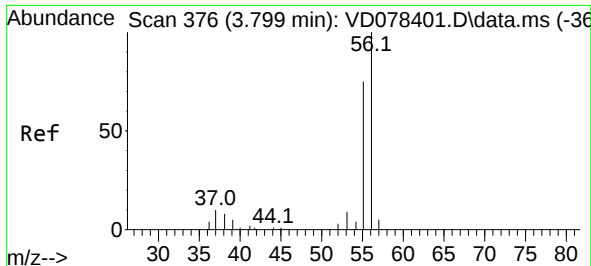


#12
1,1-Dichloroethene
Concen: 22.230 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54



Tgt Ion: 96 Resp: 26541
Ion Ratio Lower Upper
96 100
61 127.0 100.6 150.8
98 51.7 50.2 75.2





#13

Acrolein

Concen: 89.213 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

Tgt Ion: 56 Resp: 9760

Ion Ratio Lower Upper

56 100

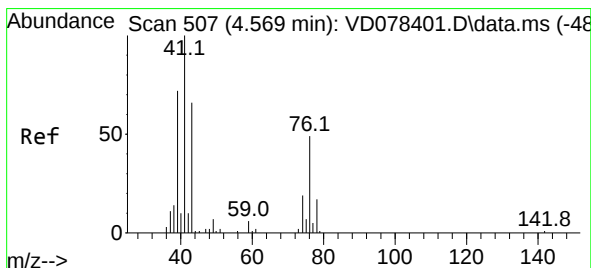
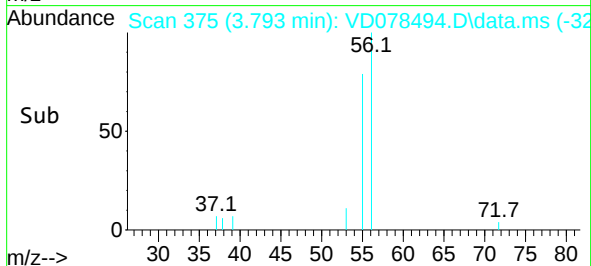
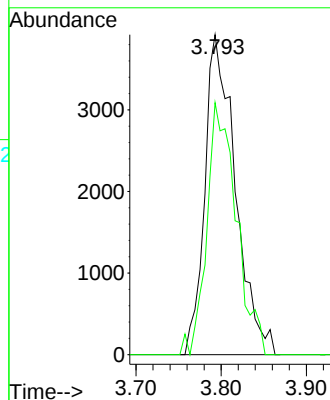
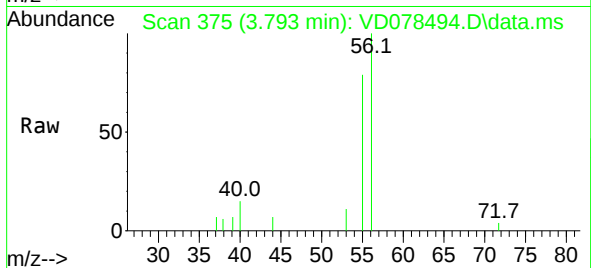
55 75.9 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#14

Allyl chloride

Concen: 21.504 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.012 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

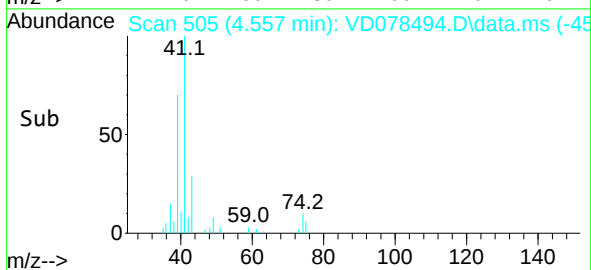
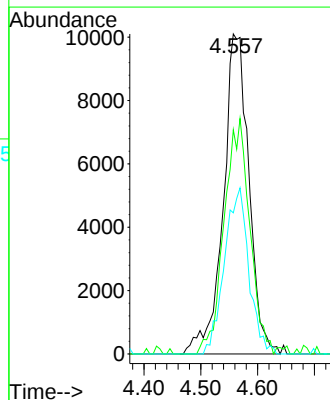
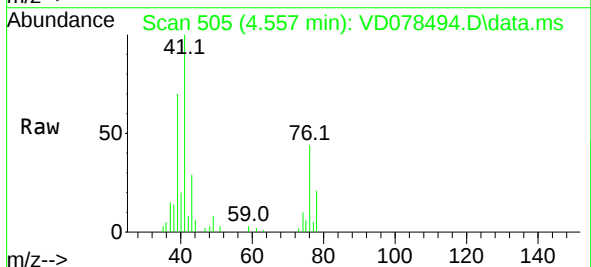
Tgt Ion: 41 Resp: 31718

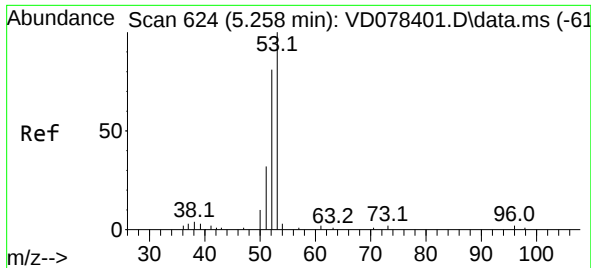
Ion Ratio Lower Upper

41 100

39 73.5 53.8 80.6

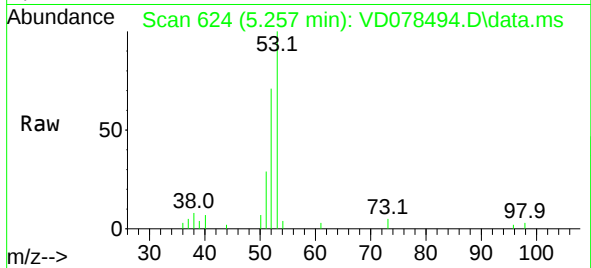
76 49.4 45.8 68.8





#15
Acrylonitrile
Concen: 114.697 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

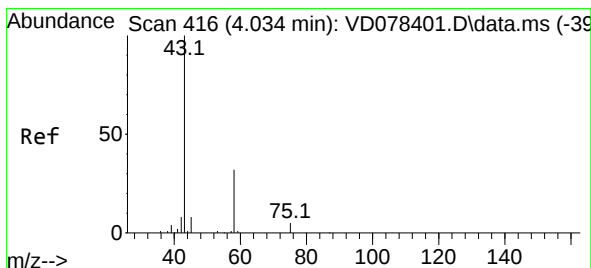
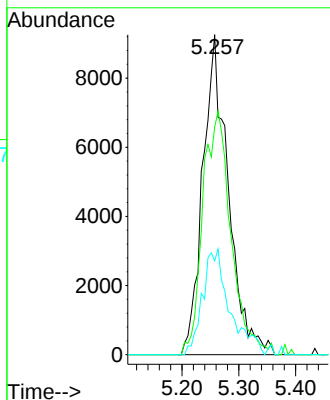
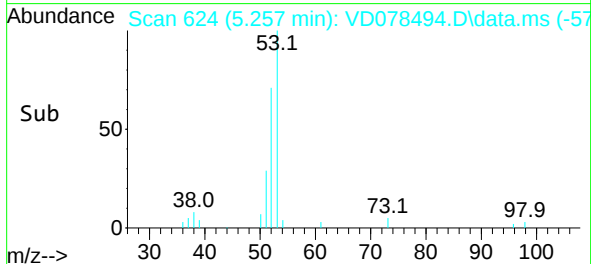
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



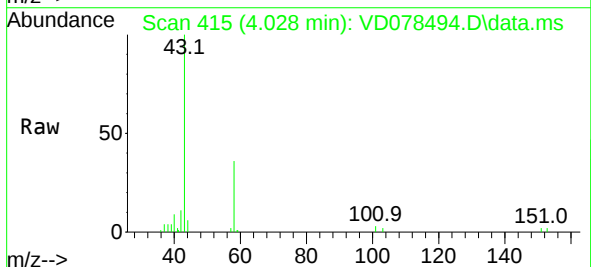
Tgt Ion: 53 Resp: 28870
Ion Ratio Lower Upper
53 100
52 84.2 65.0 97.4
51 35.0 28.3 42.5

Manual Integrations
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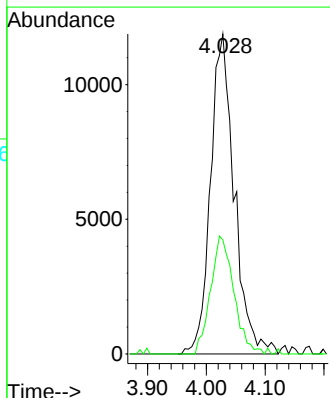
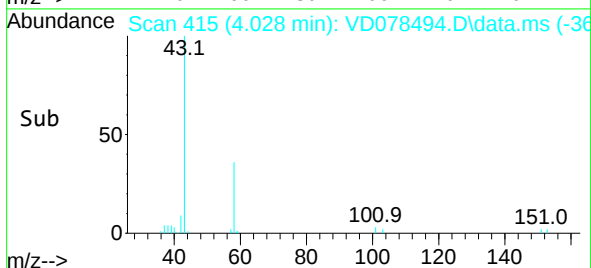
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

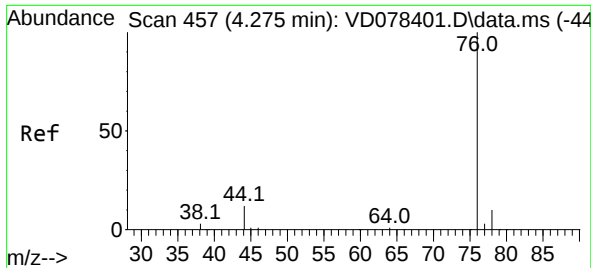


#16
Acetone
Concen: 133.149 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54



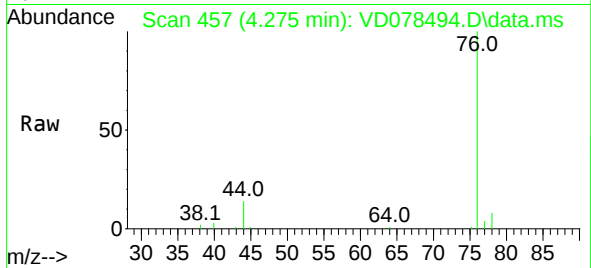
Tgt Ion: 43 Resp: 33342
Ion Ratio Lower Upper
43 100
58 35.7 34.7 52.1





#17
Carbon Disulfide
Concen: 19.008 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

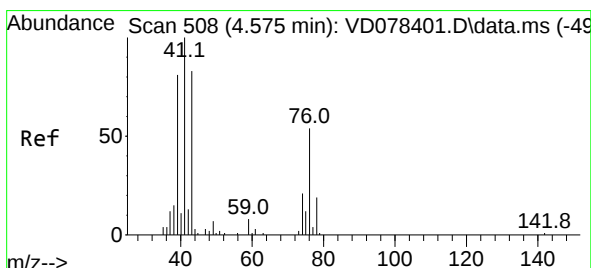
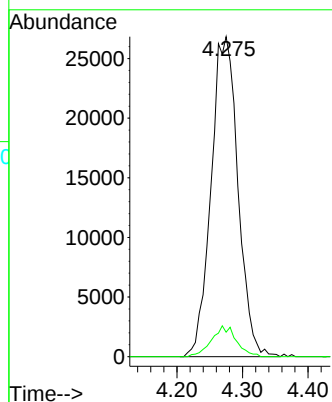
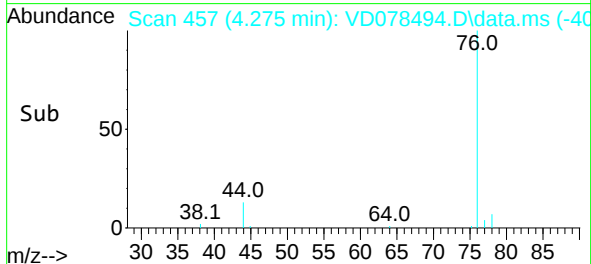
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



Tgt Ion: 76 Resp: 7636
Ion Ratio Lower Upper
76 100
78 7.7 6.8 10.2

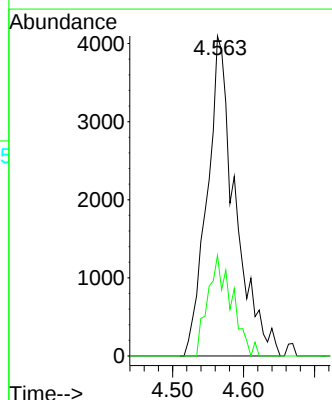
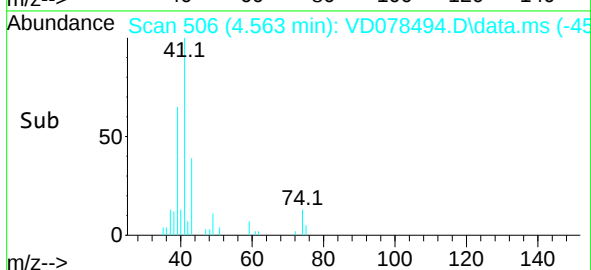
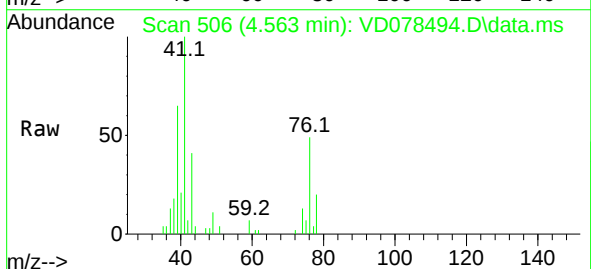
Manual Integrations
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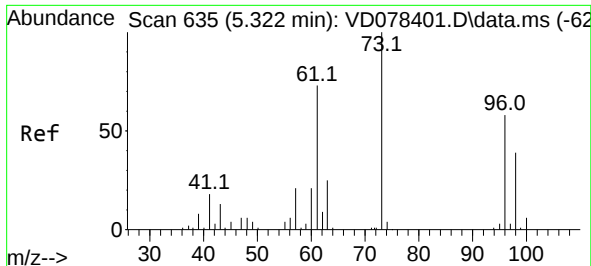
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#18
Methyl Acetate
Concen: 16.270 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

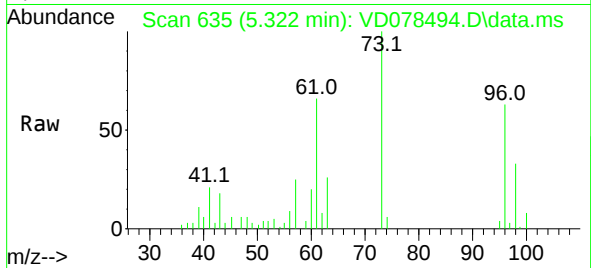
Tgt Ion: 43 Resp: 11277
Ion Ratio Lower Upper
43 100
74 26.9 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 22.333 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

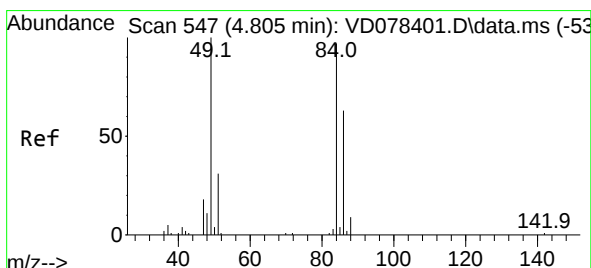
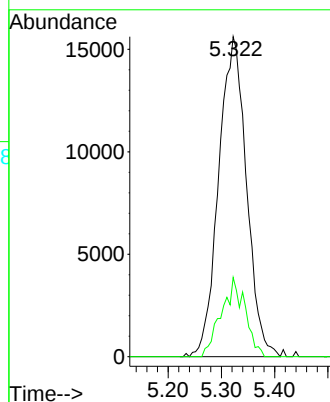
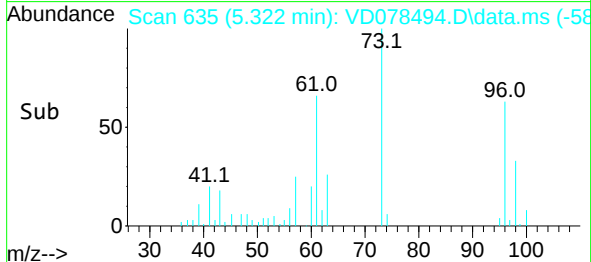
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



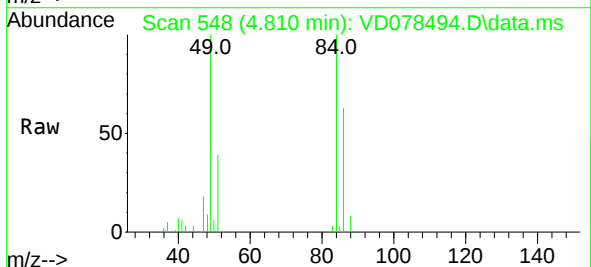
Tgt Ion: 73 Resp: 56652
Ion Ratio Lower Upper
73 100
57 24.8 16.6 25.0

Manual Integrations
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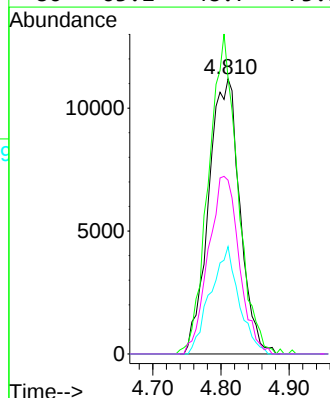
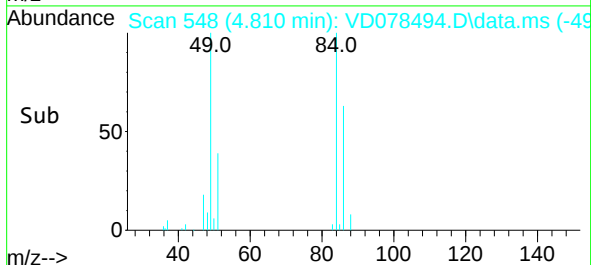
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

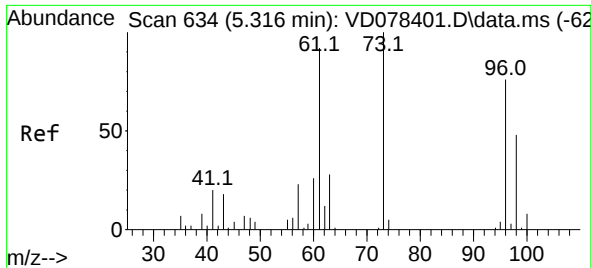


#20
Methylene Chloride
Concen: 25.033 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54



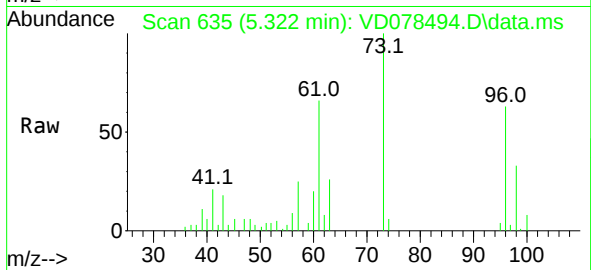
Tgt Ion: 84 Resp: 35651
Ion Ratio Lower Upper
84 100
49 98.9 71.4 107.2
51 39.0 24.5 36.7#
86 63.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 21.760 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

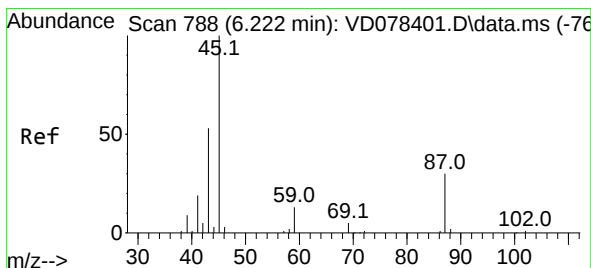
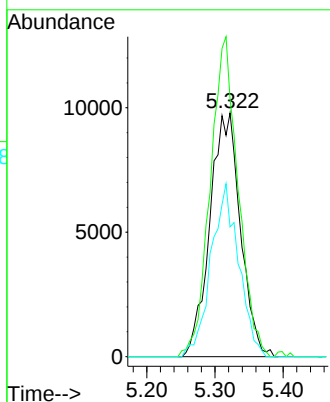
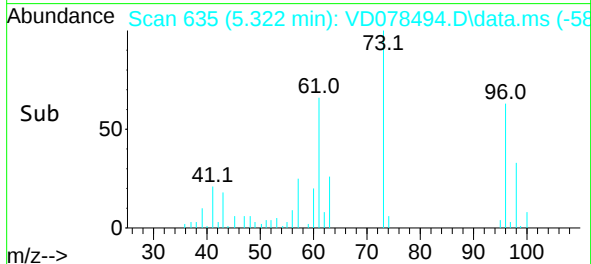
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



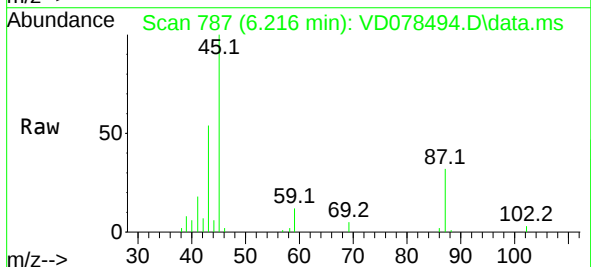
Tgt Ion: 96 Resp: 3056
Ion Ratio Lower Upper
96 100
61 105.8 89.3 133.9
98 53.3 48.6 73.0

Manual Integrations
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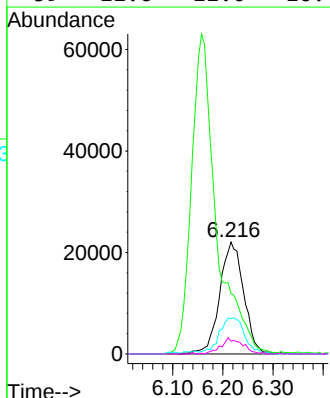
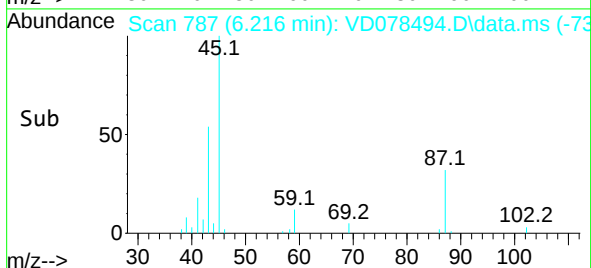
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

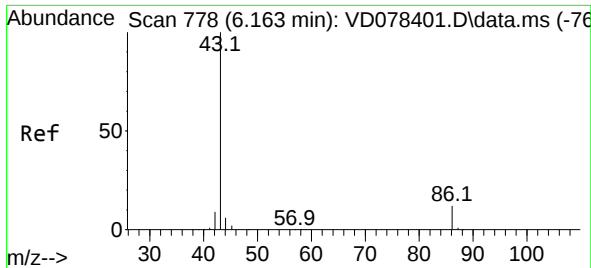


#22
Diisopropyl ether
Concen: 22.576 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54



Tgt Ion: 45 Resp: 73392
Ion Ratio Lower Upper
45 100
43 53.1 40.0 60.0
87 31.8 28.2 42.4
59 11.6 11.0 16.4





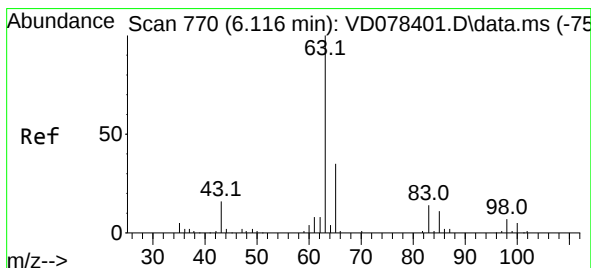
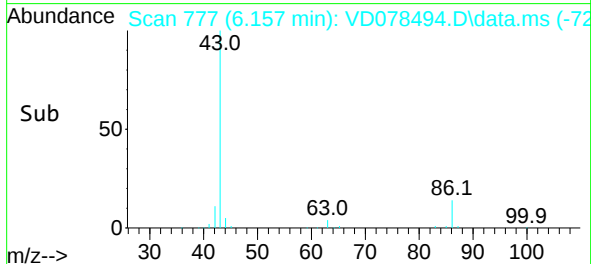
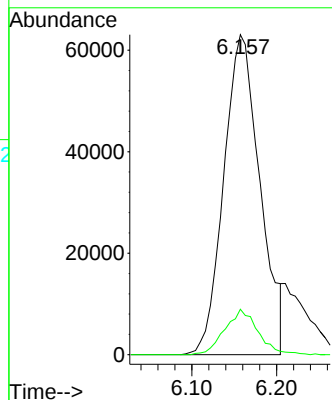
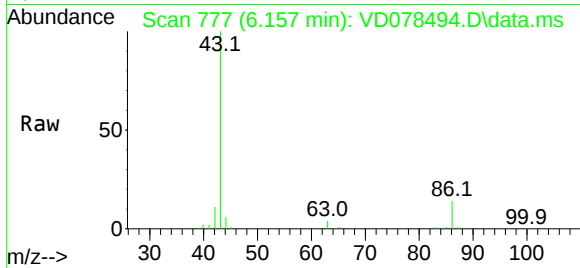
#23
 Vinyl Acetate
 Concen: 134.073 ug/l m
 RT: 6.157 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

Tgt Ion: 43 Resp: 187298
 Ion Ratio Lower Upper
 43 100
 86 14.2 12.5 18.7

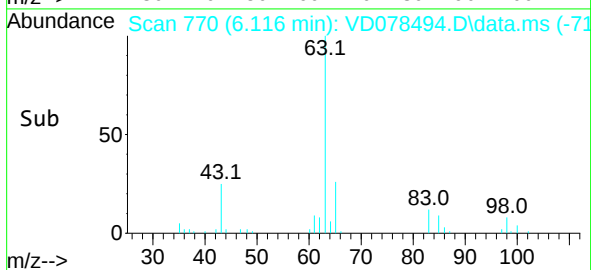
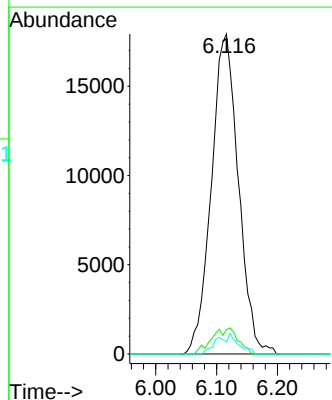
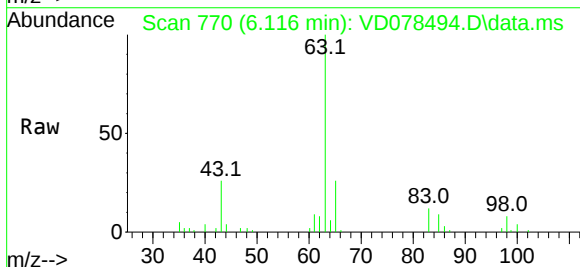
Manual Integrations
 APPROVED

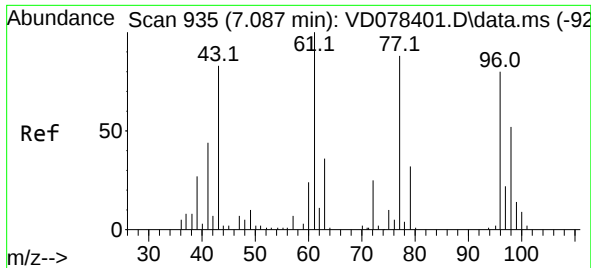
Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024



#24
 1,1-Dichloroethane
 Concen: 24.035 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

Tgt Ion: 63 Resp: 55351
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.5 13.7
 100 3.7 2.5 7.5





#25

2-Butanone

Concen: 120.119 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

Tgt Ion: 43 Resp: 3848

Ion Ratio Lower Upper

43 100

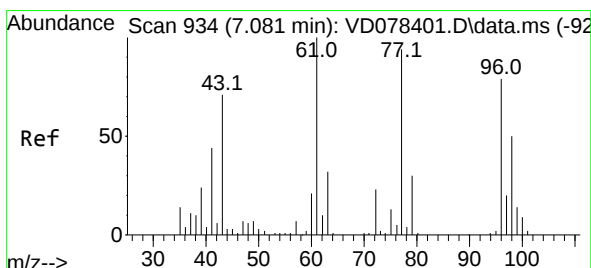
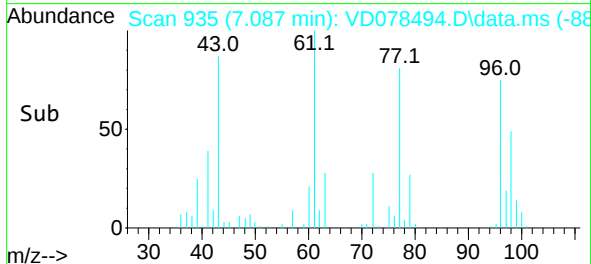
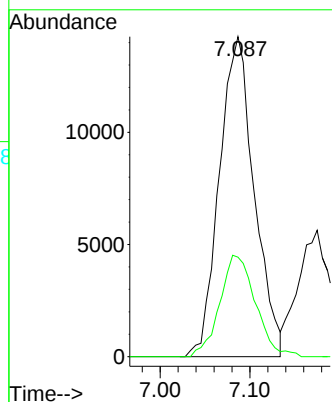
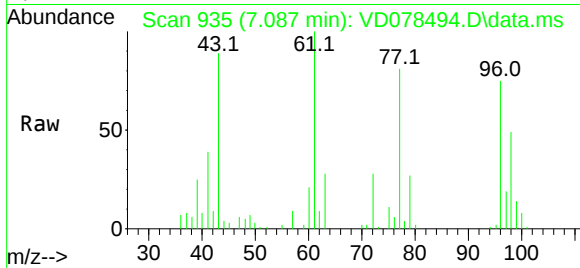
72 31.1 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#26

2,2-Dichloropropane

Concen: 22.506 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078494.D

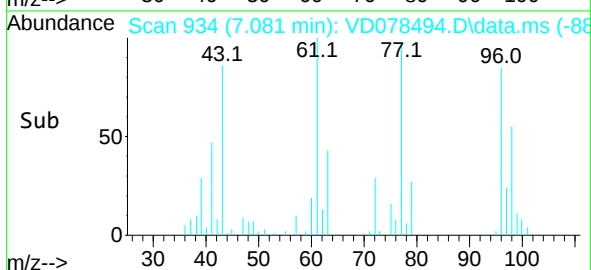
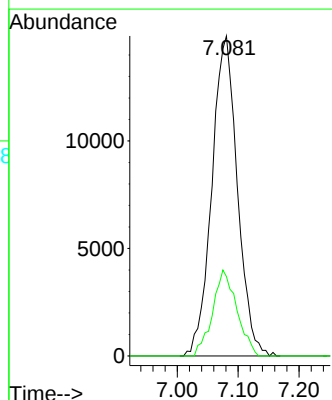
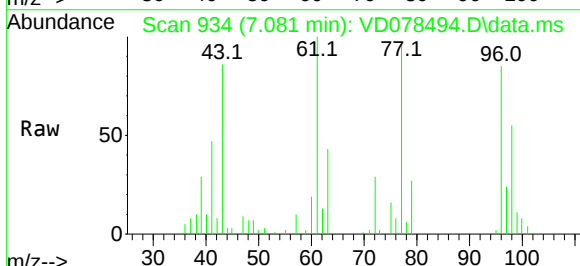
Acq: 21 Feb 2024 11:54

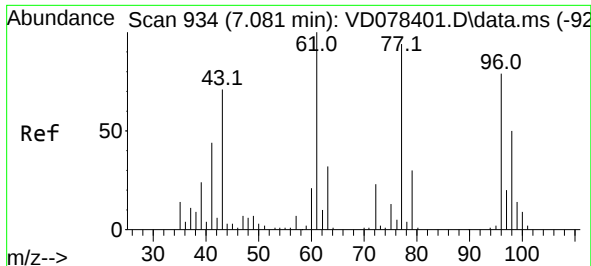
Tgt Ion: 77 Resp: 43449

Ion Ratio Lower Upper

77 100

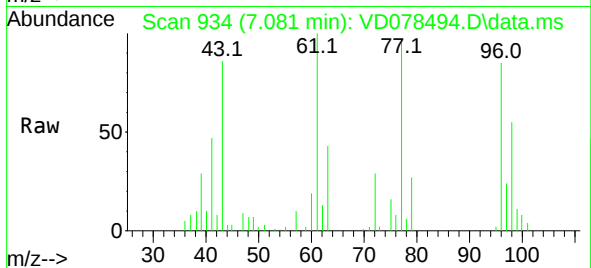
97 25.5 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 22.946 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

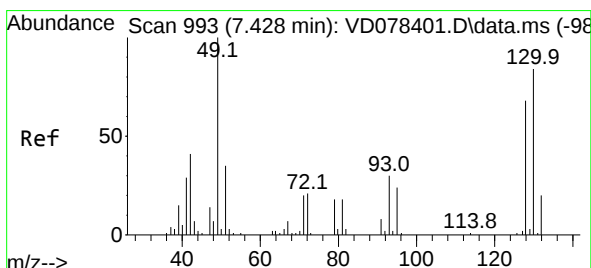
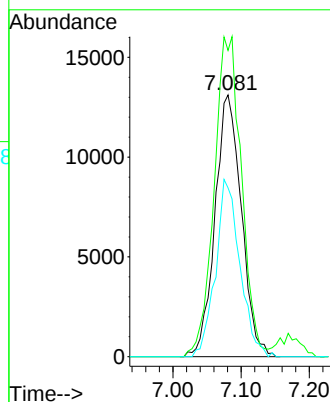
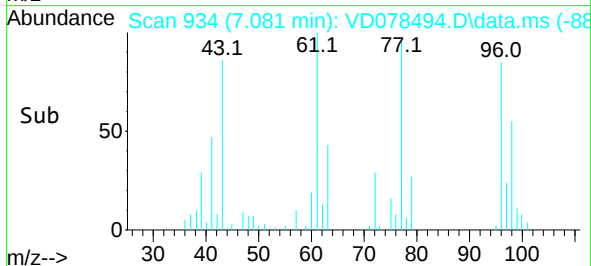
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



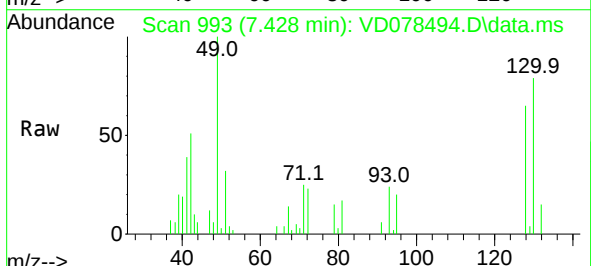
Tgt Ion: 96 Resp: 35360
Ion Ratio Lower Upper
96 100
61 126.7 0.0 239.2
98 62.3 0.0 128.6

Manual Integrations
APPROVED

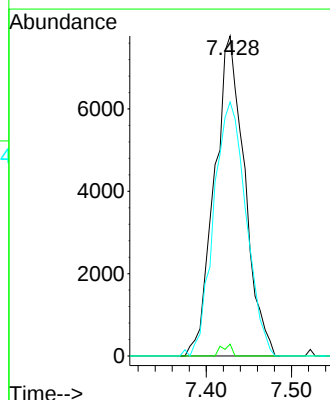
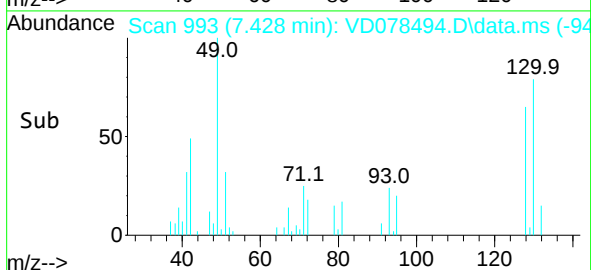
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

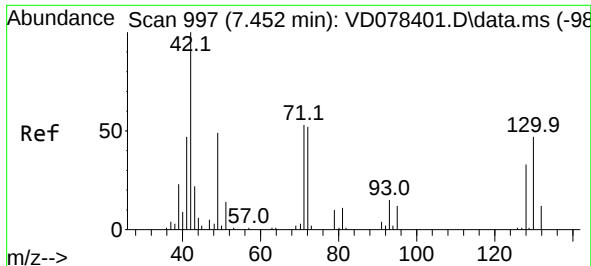


#28
Bromochloromethane
Concen: 20.886 ug/l
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54



Tgt Ion: 49 Resp: 19051
Ion Ratio Lower Upper
49 100
129 1.3 0.0 6.0
130 85.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 114.541 ug/l

RT: 7.451 min Scan# 997

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

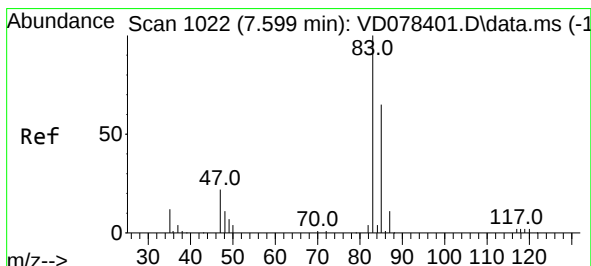
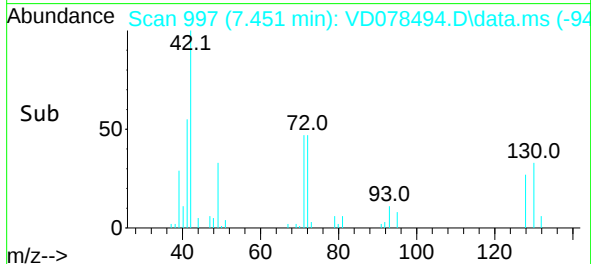
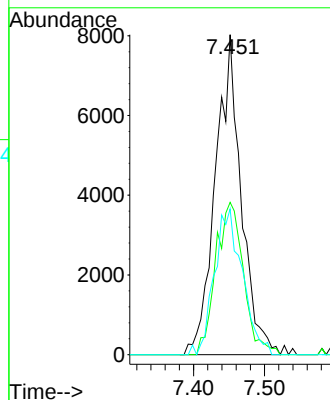
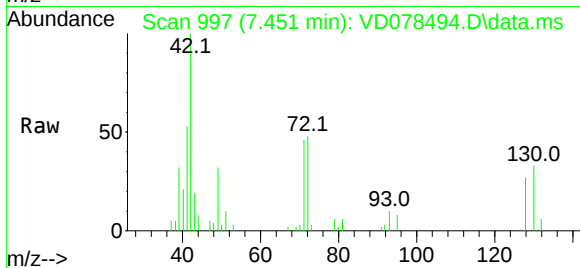
VD0221SBS01

Tgt Ion:	42	Resp:	2017
Ion Ratio	Lower	Upper	
42	100		
72	51.5	46.5	69.7
71	49.5	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#30

Chloroform

Concen: 23.920 ug/l

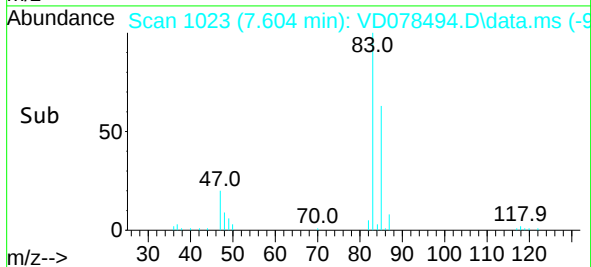
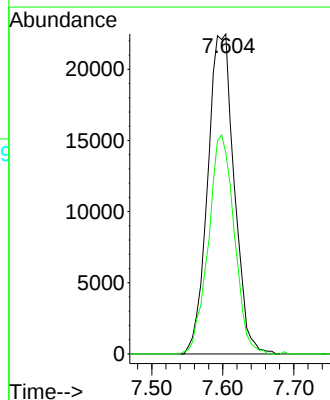
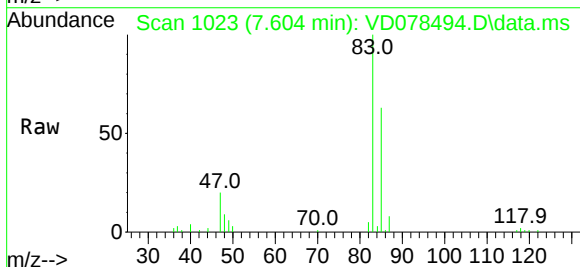
RT: 7.604 min Scan# 1023

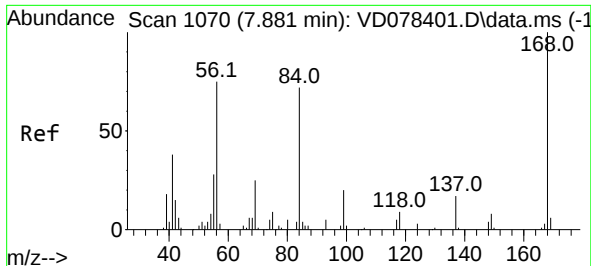
Delta R.T. 0.006 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

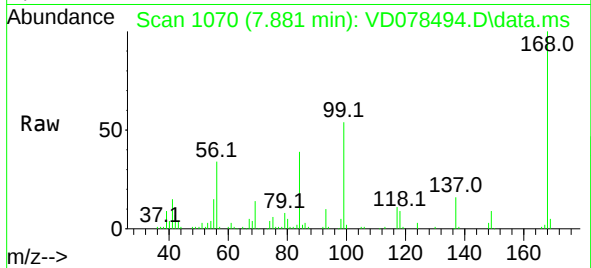
Tgt Ion:	83	Resp:	58283
Ion Ratio	Lower	Upper	
83	100		
85	62.9	53.4	80.2





#31
Cyclohexane
Concen: 19.399 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

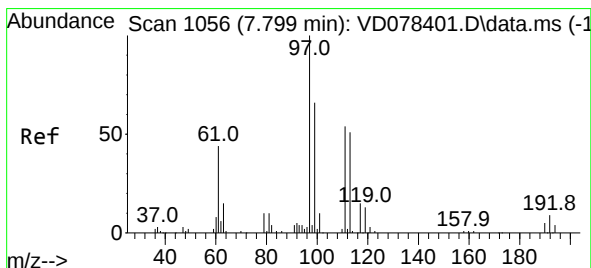
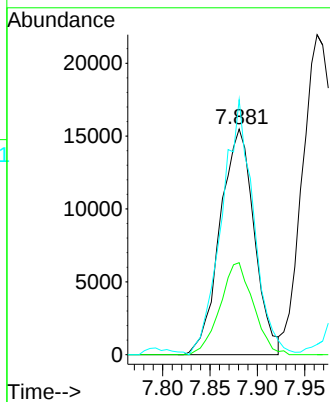
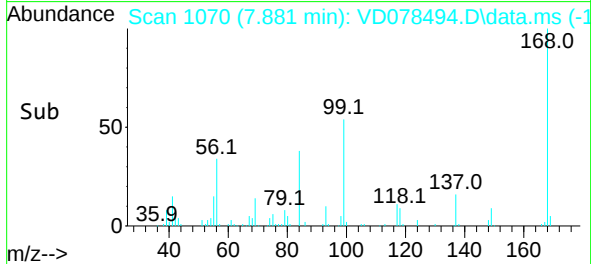
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



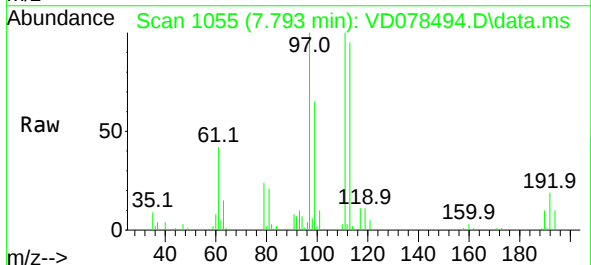
Tgt Ion: 56 Resp: 38860
Ion Ratio Lower Upper
56 100
69 40.8 28.6 43.0
84 111.8 84.8 127.2

Manual Integrations
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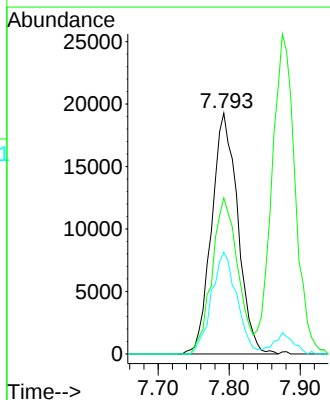
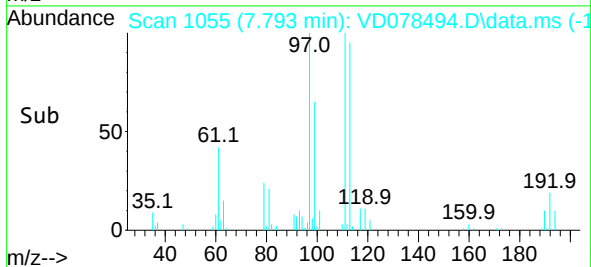
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

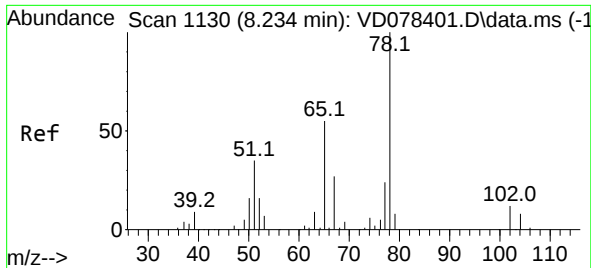


#32
1,1,1-Trichloroethane
Concen: 23.629 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54



Tgt Ion: 97 Resp: 49088
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 41.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 55.199 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

Tgt Ion: 65 Resp: 6536

Ion Ratio Lower Upper

65 100

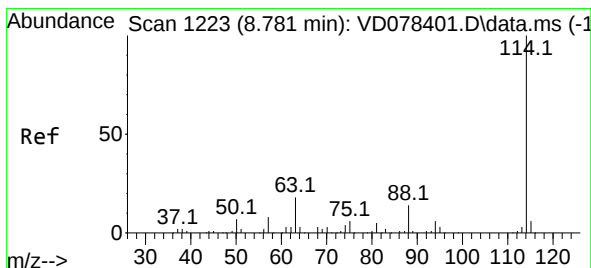
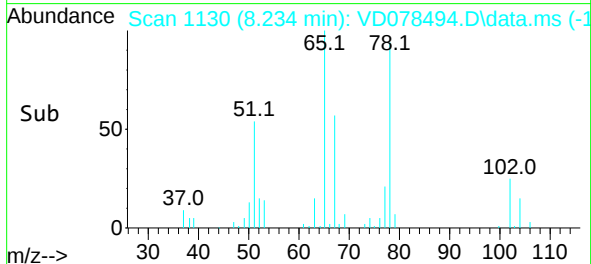
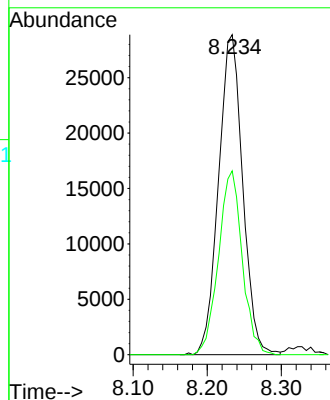
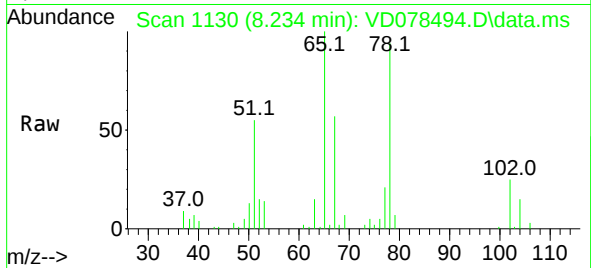
67 56.5 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

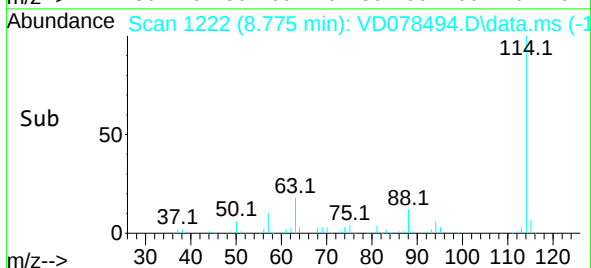
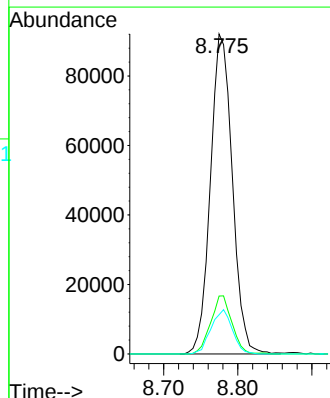
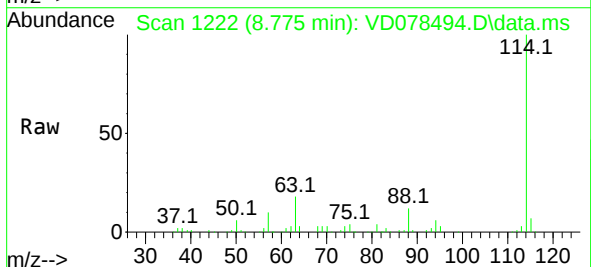
Tgt Ion:114 Resp: 189194

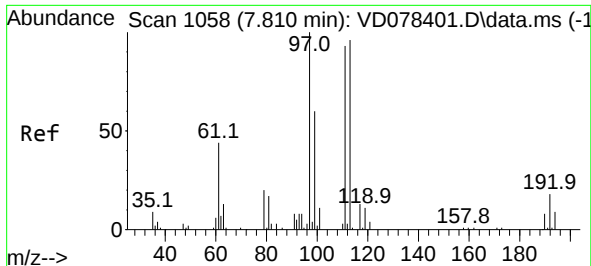
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

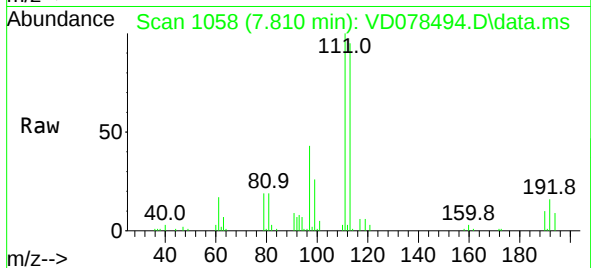
88 12.3 0.0 26.2





#35
Dibromofluoromethane
Concen: 58.897 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

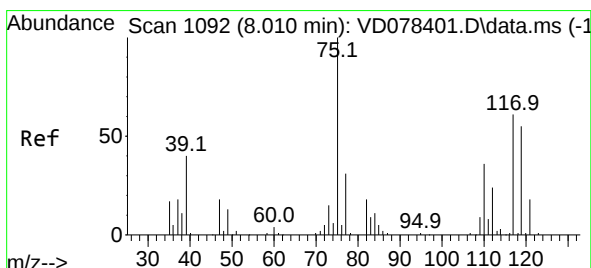
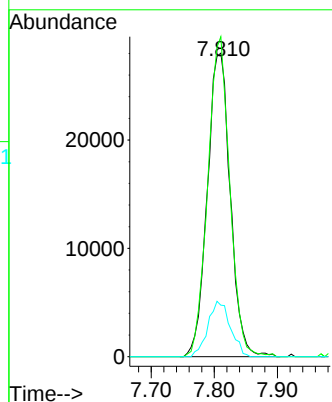
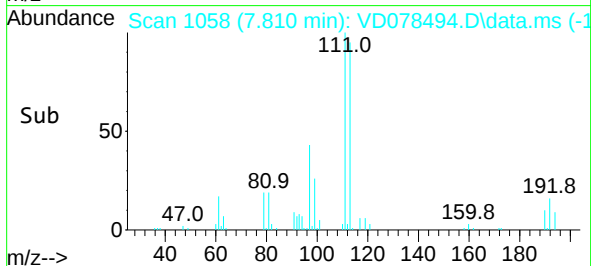
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



Tgt Ion:113 Resp: 70782
Ion Ratio Lower Upper
113 100
111 101.1 84.7 127.1
192 17.8 16.8 25.2

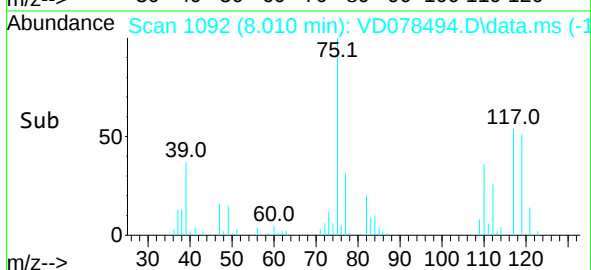
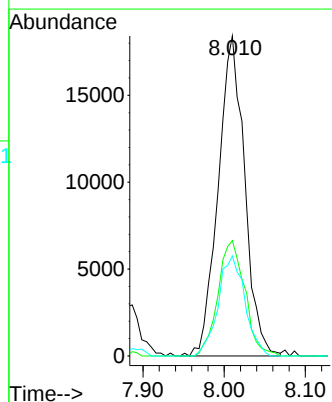
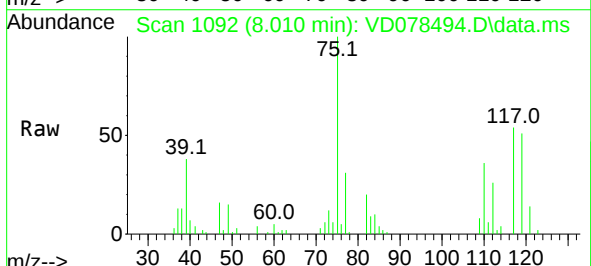
Manual Integrations
APPROVED

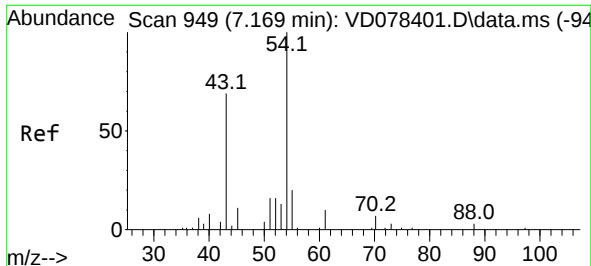
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#36
1,1-Dichloropropene
Concen: 22.354 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

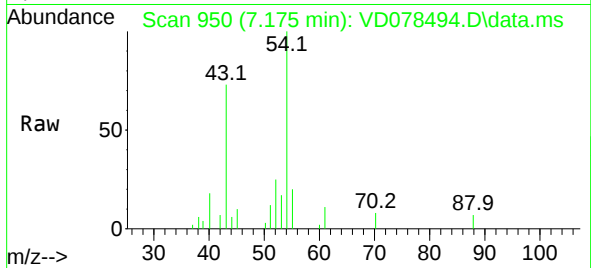
Tgt Ion: 75 Resp: 41735
Ion Ratio Lower Upper
75 100
110 36.6 19.9 59.6
77 31.7 24.7 37.1





#37
Ethyl Acetate
Concen: 23.661 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

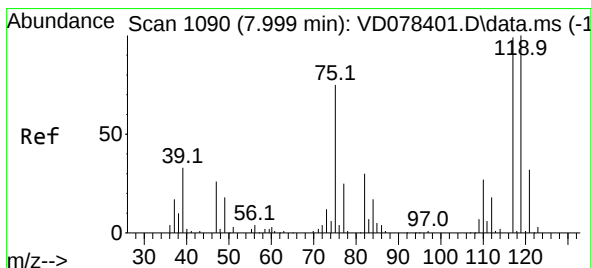
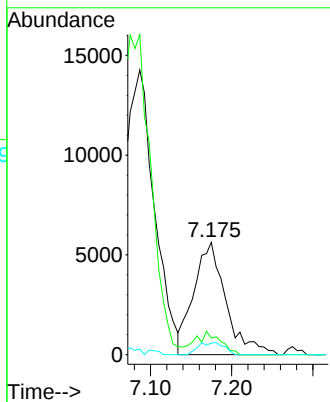
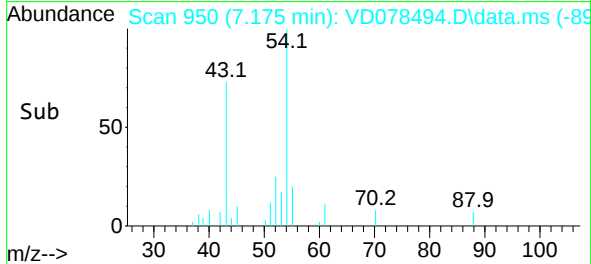
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
61 16.2 14.9 22.3
70 8.6 10.0 15.0

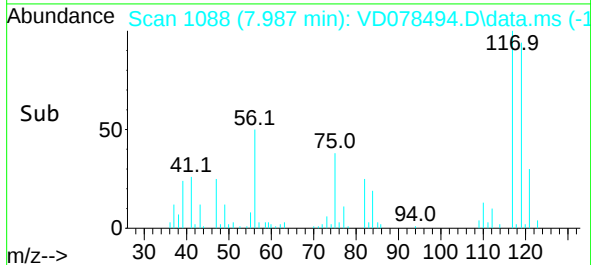
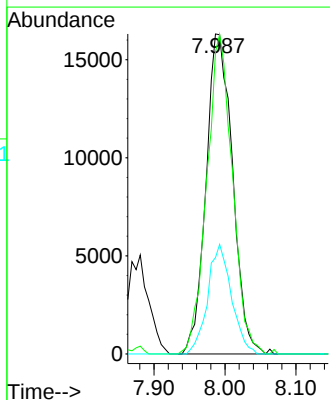
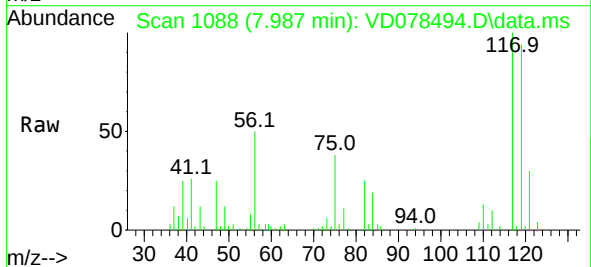
Manual Integrations
APPROVED

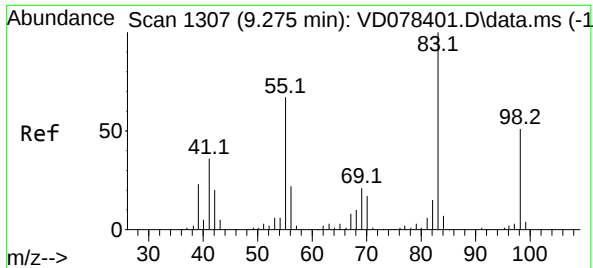
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#38
Carbon Tetrachloride
Concen: 22.922 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion:117 Resp: 42381
Ion Ratio Lower Upper
117 100
119 94.4 78.0 117.0
121 30.1 24.2 36.2





#39

Methylcyclohexane

Concen: 20.461 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

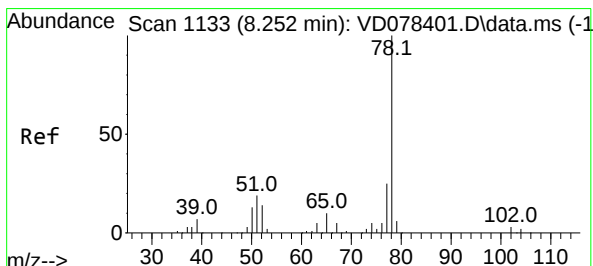
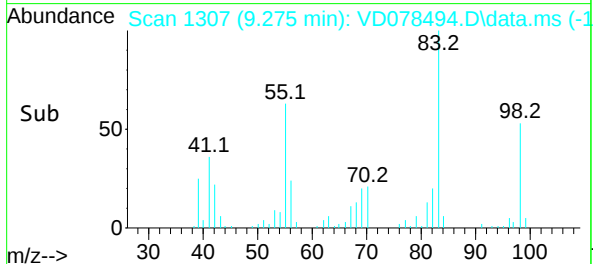
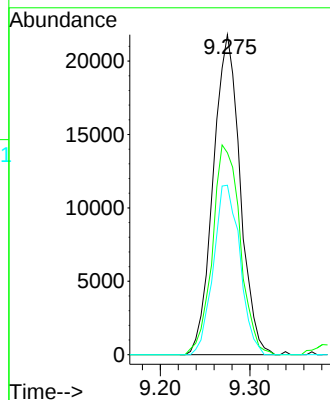
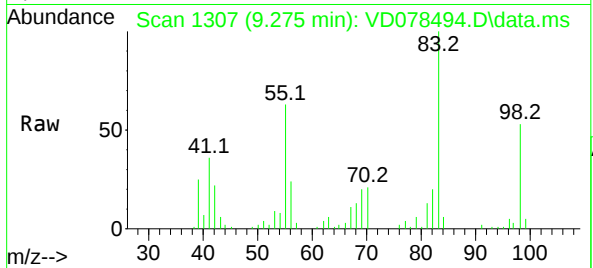
Tgt Ion: 83 Resp: 45349

Ion	Ratio	Lower	Upper
83	100		
55	63.1	49.4	74.0
98	53.0	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#40

Benzene

Concen: 23.116 ug/l

RT: 8.251 min Scan# 1133

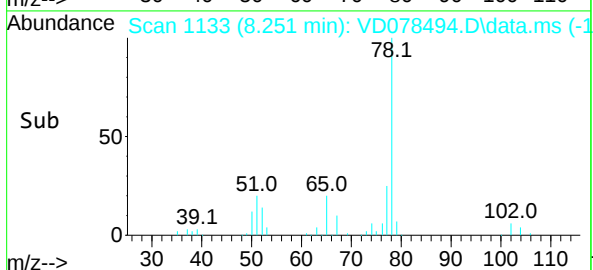
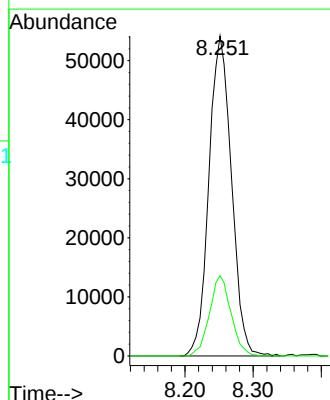
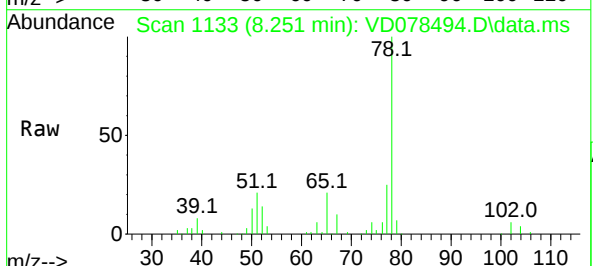
Delta R.T. -0.000 min

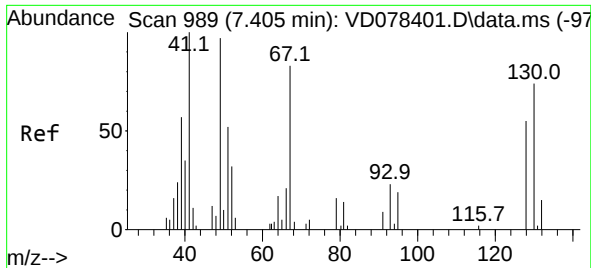
Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Tgt Ion: 78 Resp: 124741

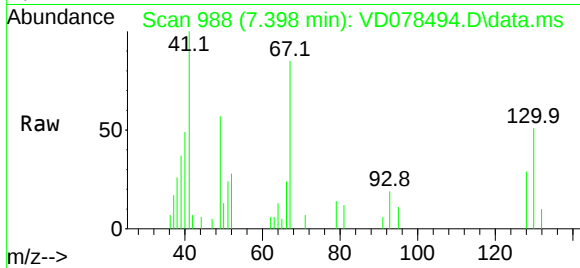
Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.4	29.0





#41
Methacrylonitrile
Concen: 22.757 ug/l
RT: 7.398 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

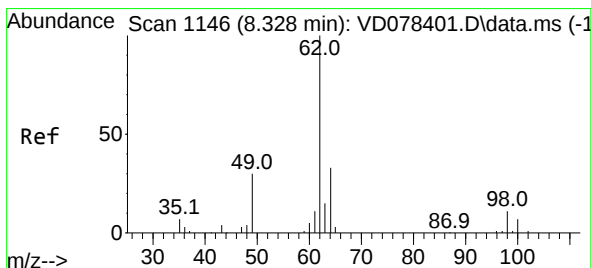
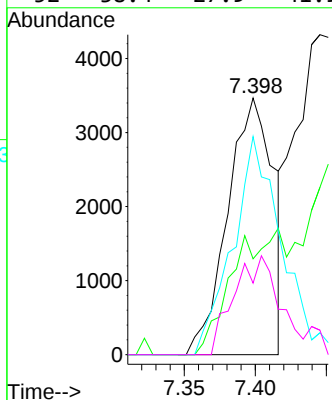
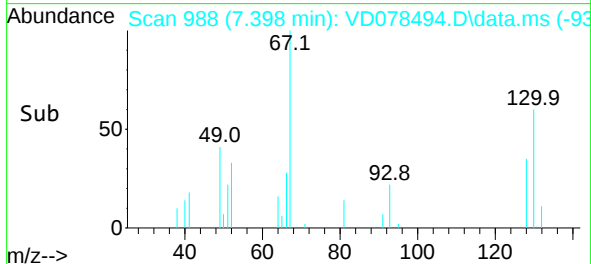
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



Tgt Ion: 41 Resp: 775
Ion Ratio Lower Upper
41 100
39 28.3 34.0 51.0
67 91.1 77.0 115.4
52 38.4 27.9 41.9

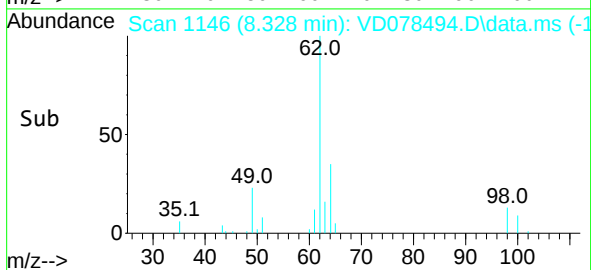
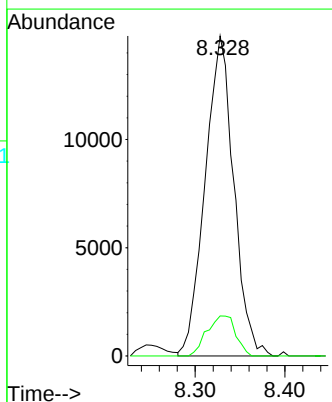
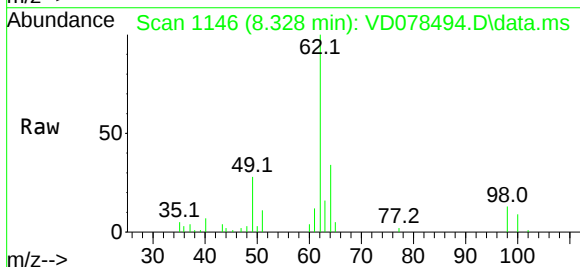
Manual Integrations
APPROVED

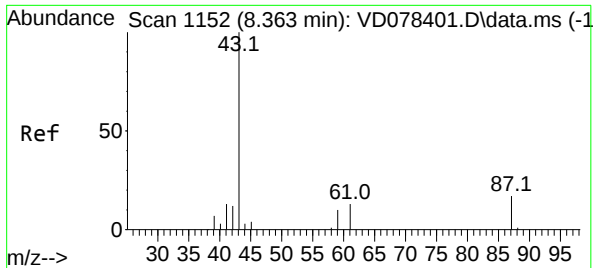
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#42
1,2-Dichloroethane
Concen: 23.463 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

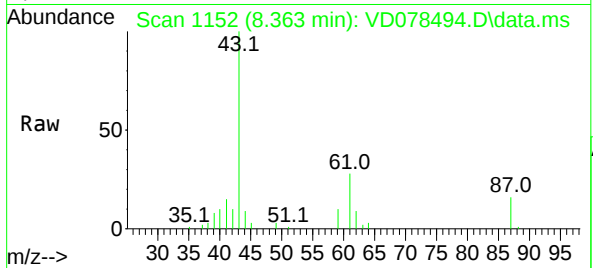
Tgt Ion: 62 Resp: 32761
Ion Ratio Lower Upper
62 100
98 12.5 0.0 25.4





#43
Isopropyl Acetate
Concen: 22.707 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

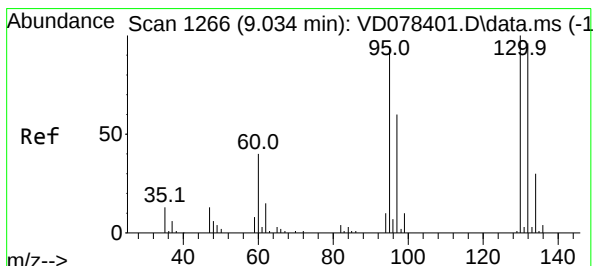
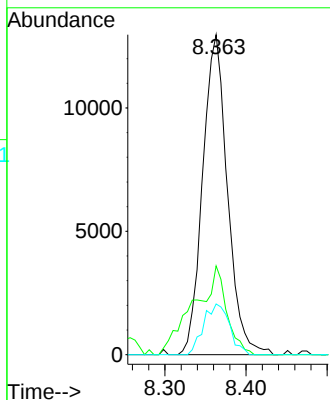
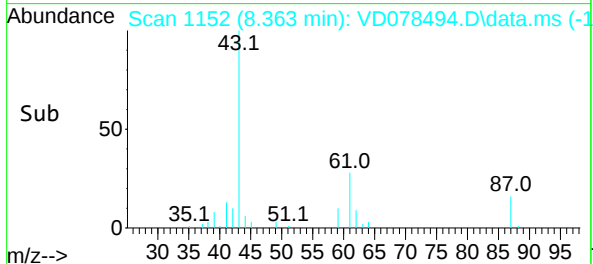
Instrument : MSVOA_D
ClientSampleId : VD0221SBS01



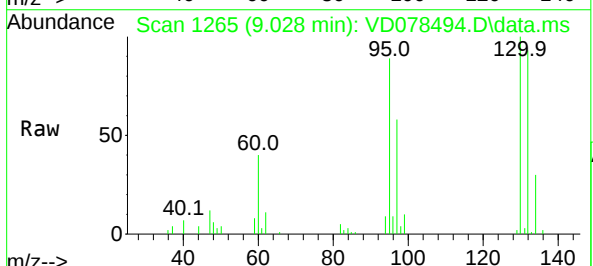
Tgt Ion: 43 Resp: 27518
Ion Ratio Lower Upper
43 100
61 36.7 31.4 47.0
87 16.6 14.9 22.3

Manual Integrations
APPROVED

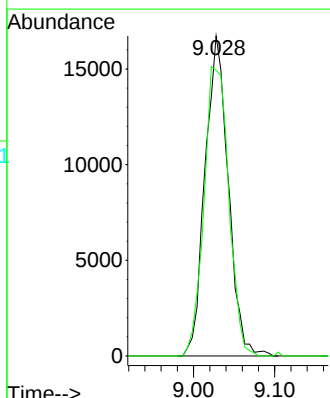
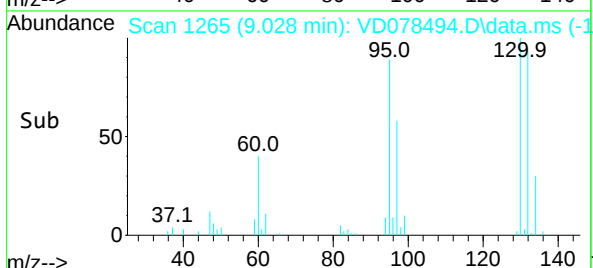
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

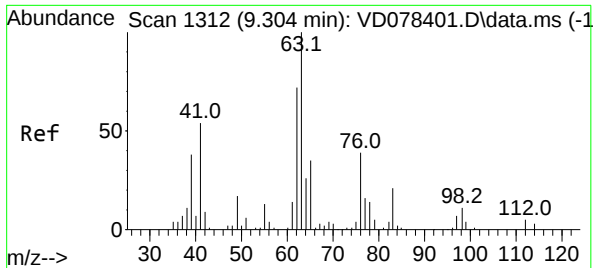


#44
Trichloroethene
Concen: 24.128 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54



Tgt Ion:130 Resp: 33217
Ion Ratio Lower Upper
130 100
95 89.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 23.426 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

Tgt Ion: 63 Resp: 3101

Ion Ratio Lower Upper

63 100

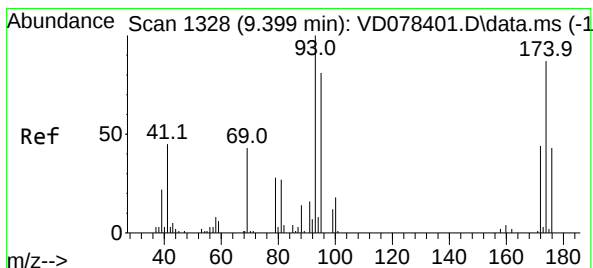
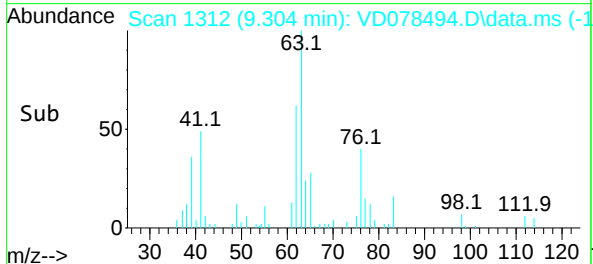
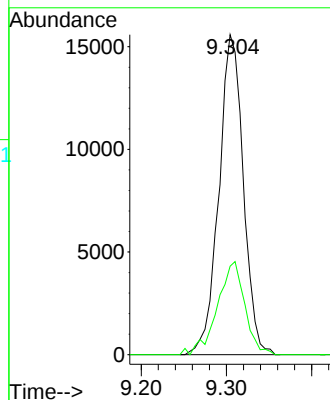
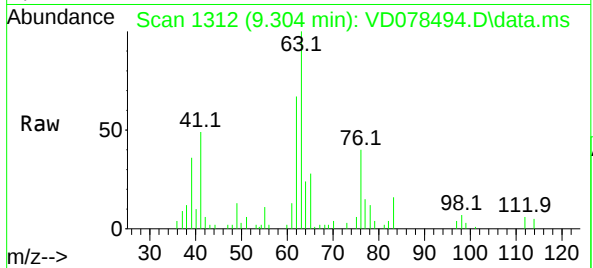
65 27.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#46

Dibromomethane

Concen: 24.135 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

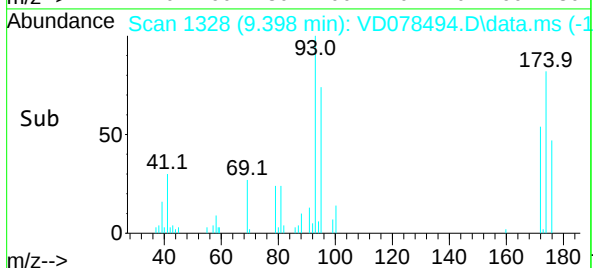
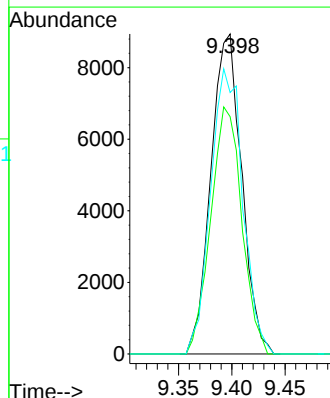
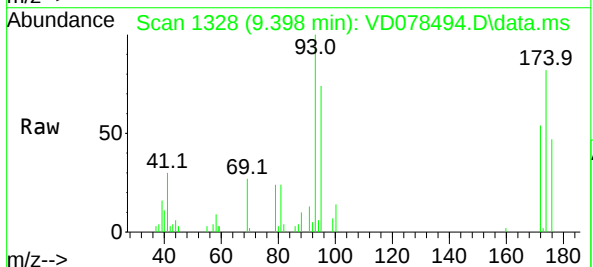
Tgt Ion: 93 Resp: 17974

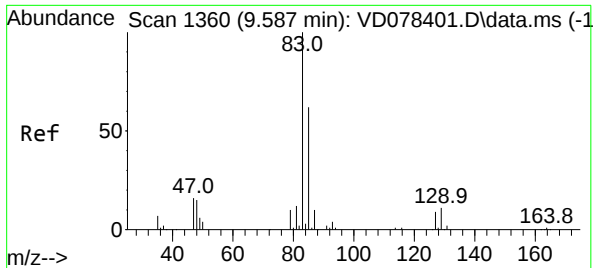
Ion Ratio Lower Upper

93 100

95 77.7 67.7 101.5

174 93.2 85.4 128.2





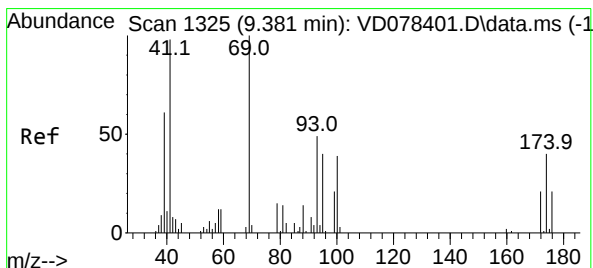
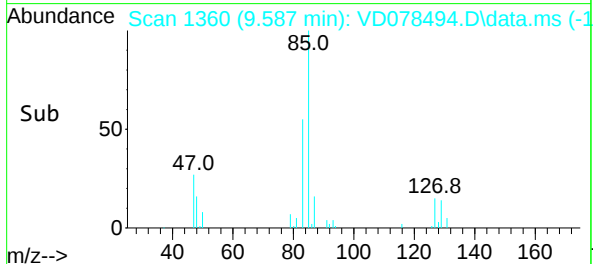
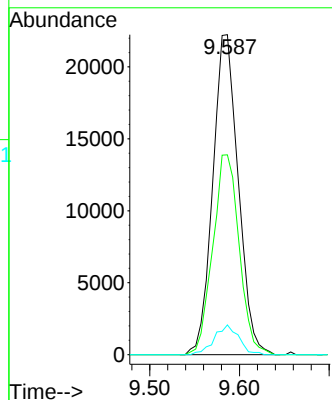
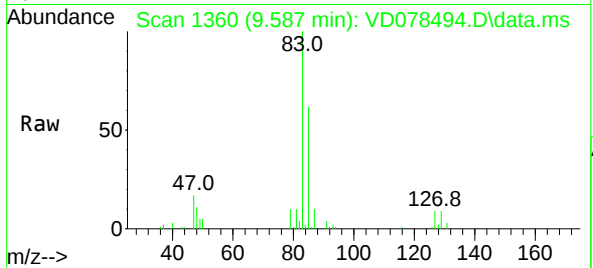
#47
Bromodichloromethane
Concen: 23.781 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

Tgt Ion: 83 Resp: 4386
Ion Ratio Lower Upper
83 100
85 62.4 50.2 75.4
127 9.3 6.3 9.5

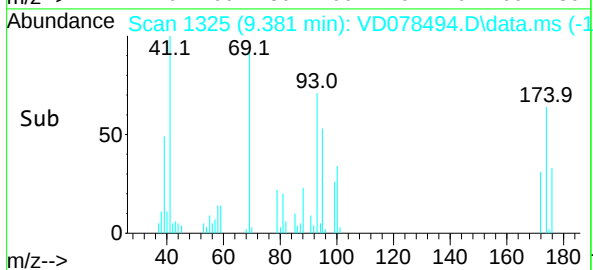
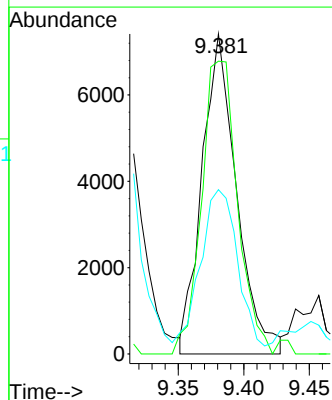
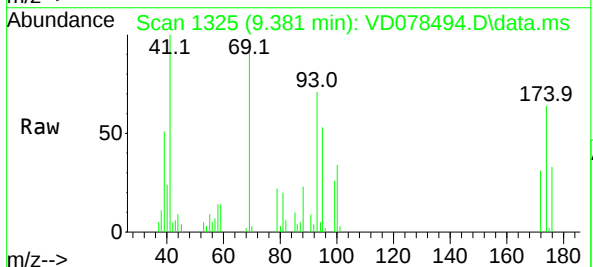
Manual Integrations
APPROVED

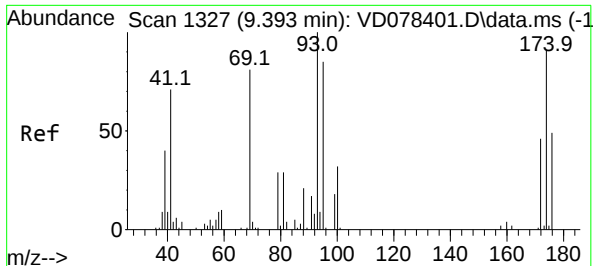
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#48
Methyl methacrylate
Concen: 21.142 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 41 Resp: 13593
Ion Ratio Lower Upper
41 100
69 95.3 102.2 153.2#
39 52.1 41.4 62.2





#49

1,4-Dioxane

Concen: 459.639 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

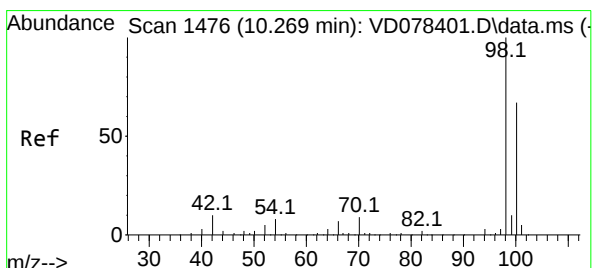
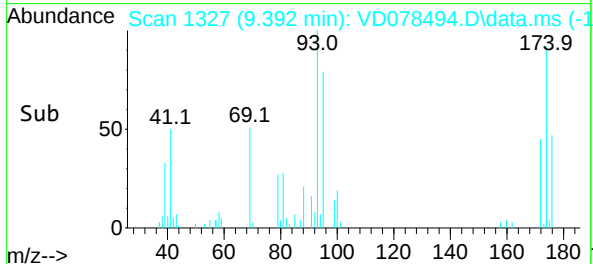
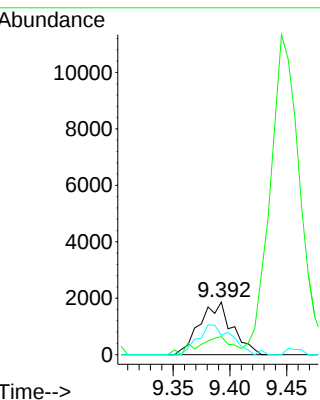
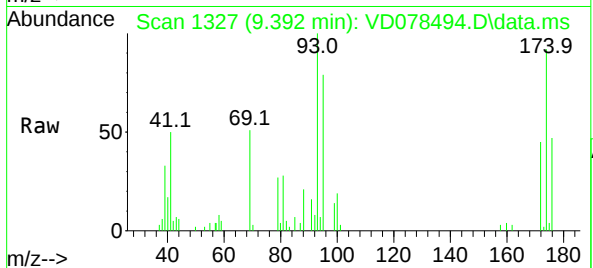
Tgt Ion: 88 Resp: 370

Ion	Ratio	Lower	Upper
88	100		
43	36.0	19.0	28.6
58	58.6	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#50

Toluene-d8

Concen: 57.406 ug/l

RT: 10.269 min Scan# 1476

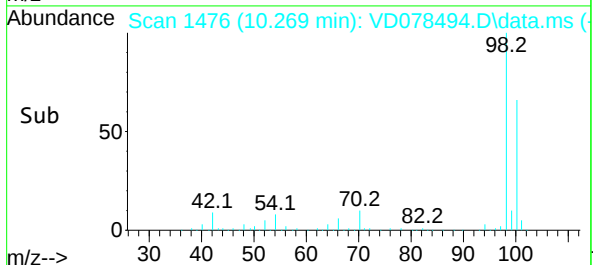
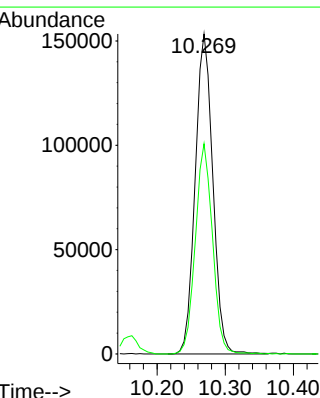
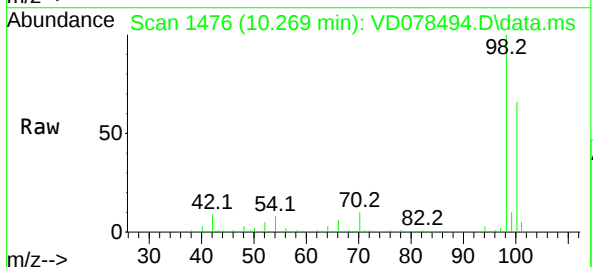
Delta R.T. -0.000 min

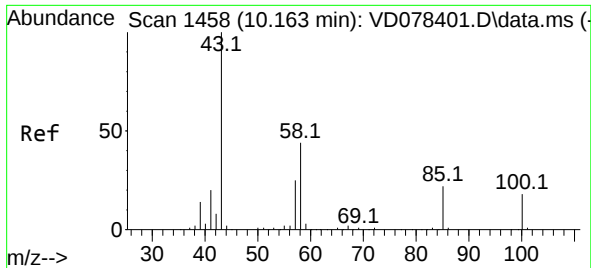
Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Tgt Ion: 98 Resp: 275977

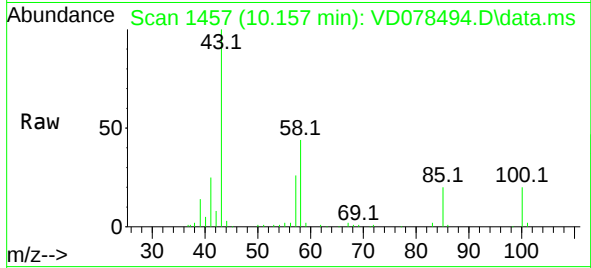
Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 115.330 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

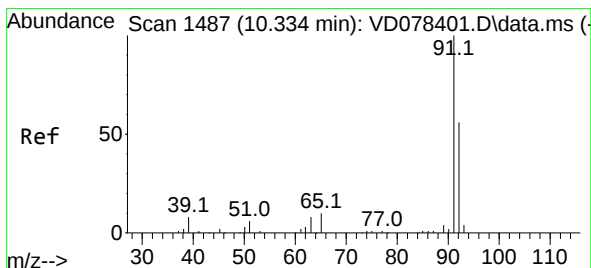
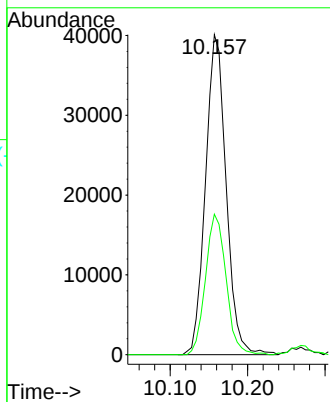
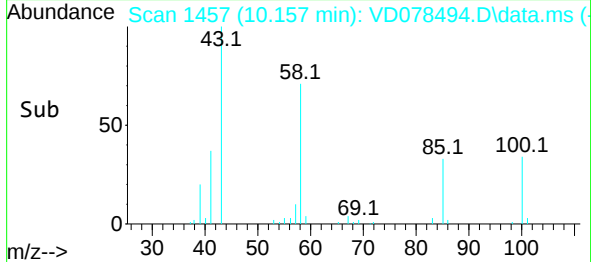
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



Tgt Ion: 43 Resp: 7418
Ion Ratio Lower Upper
43 100
58 43.7 38.9 58.3

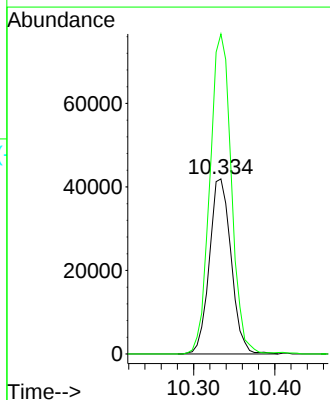
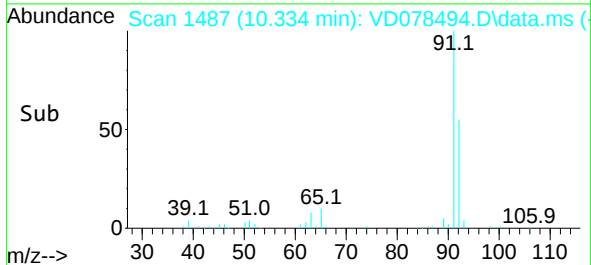
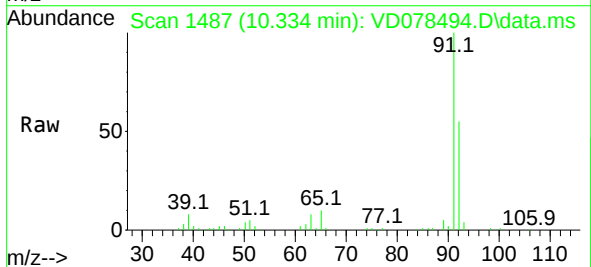
Manual Integrations
APPROVED

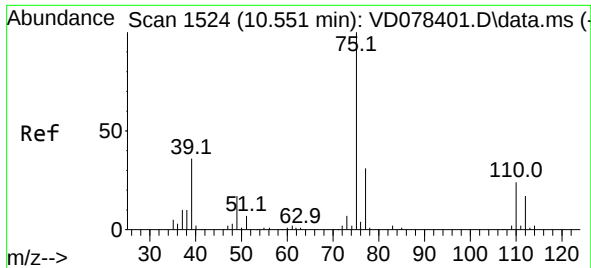
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#52
Toluene
Concen: 22.806 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

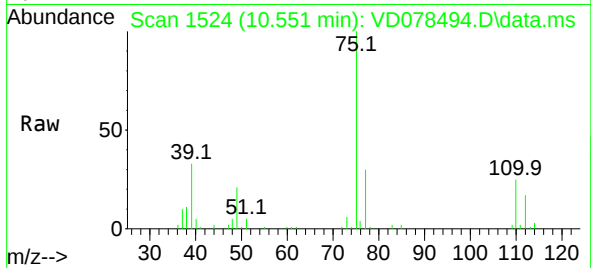
Tgt Ion: 92 Resp: 77827
Ion Ratio Lower Upper
92 100
91 181.1 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 23.042 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

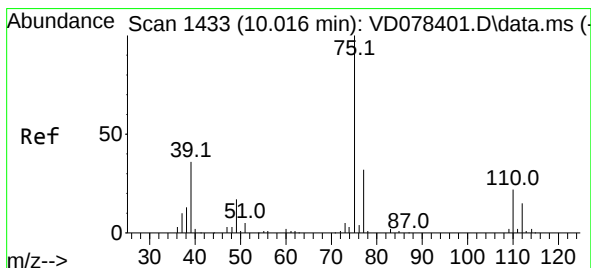
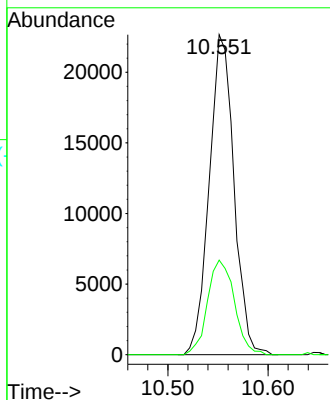
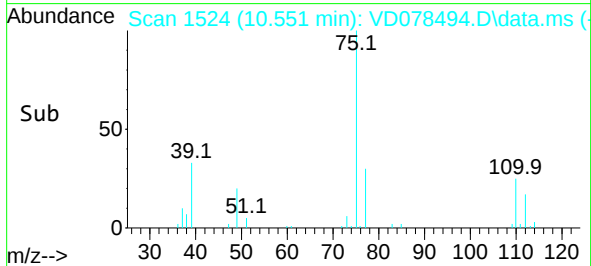
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



Tgt Ion: 75 Resp: 3878
Ion Ratio Lower Upper
75 100
77 29.5 25.3 37.9

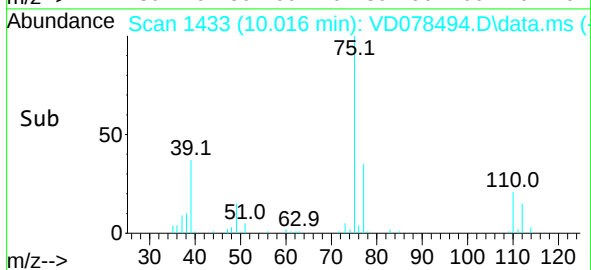
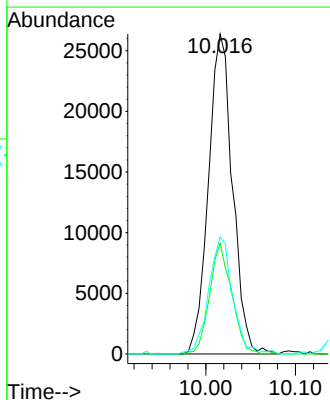
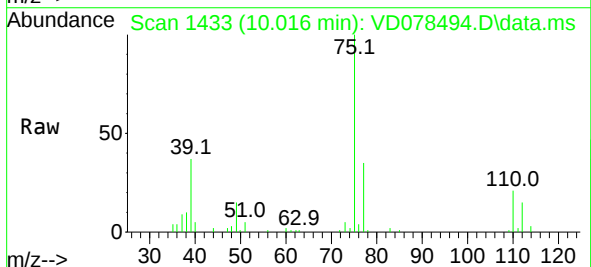
Manual Integrations
APPROVED

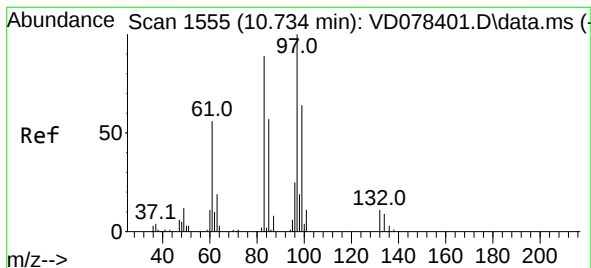
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#54
cis-1,3-Dichloropropene
Concen: 24.066 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

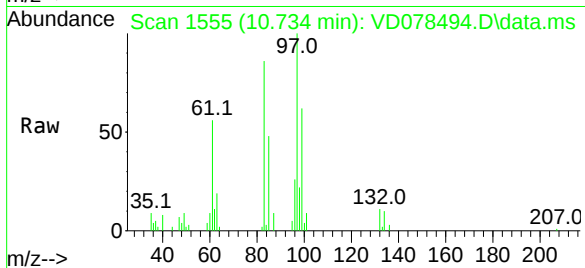
Tgt Ion: 75 Resp: 49116
Ion Ratio Lower Upper
75 100
77 34.6 25.5 38.3
39 36.6 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 24.387 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

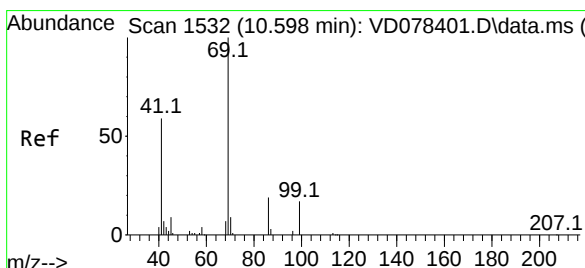
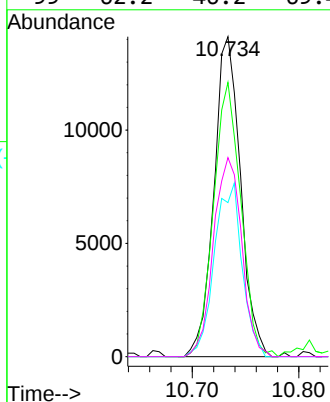
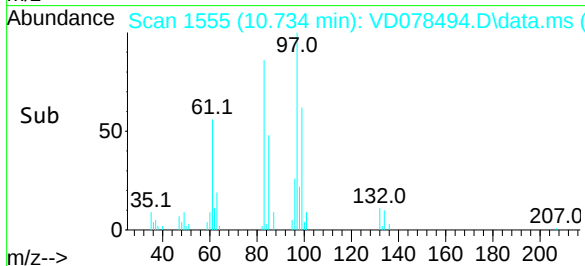
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



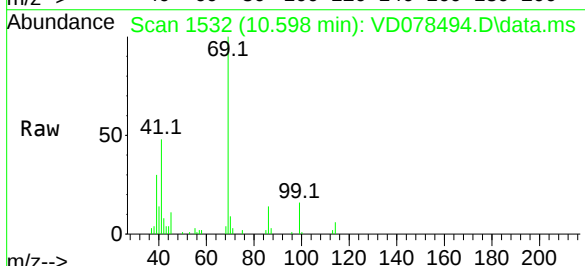
Tgt Ion:	97	Resp:	24458
Ion	Ratio	Lower	Upper
97	100		
83	85.7	65.8	98.6
85	48.1	45.7	68.5
99	62.2	46.2	69.4

Manual Integrations
APPROVED

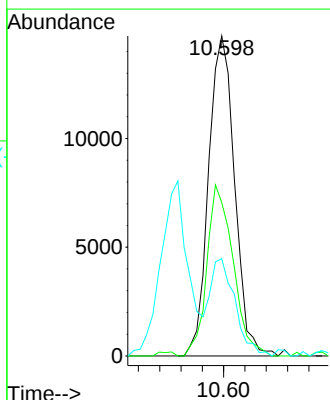
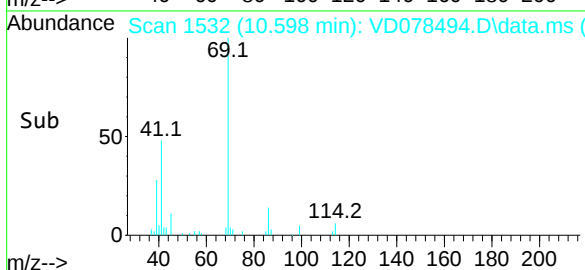
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

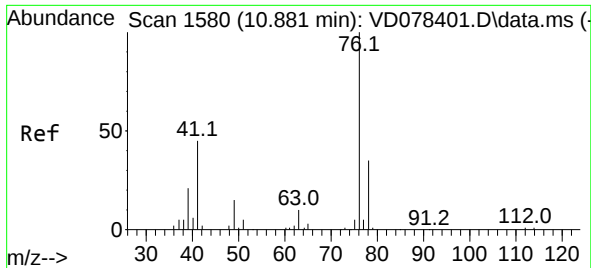


#56
Ethyl methacrylate
Concen: 26.884 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54



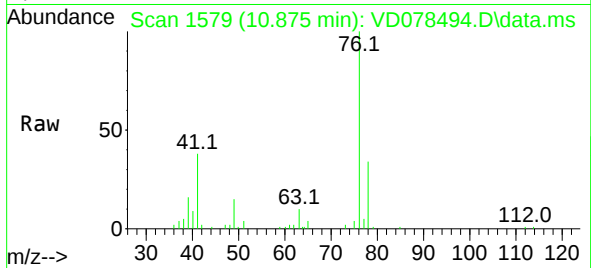
Tgt Ion:	69	Resp:	24936
Ion	Ratio	Lower	Upper
69	100		
41	53.8	39.1	58.7
39	29.1	20.0	30.0





#57
1,3-Dichloropropane
Concen: 23.739 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

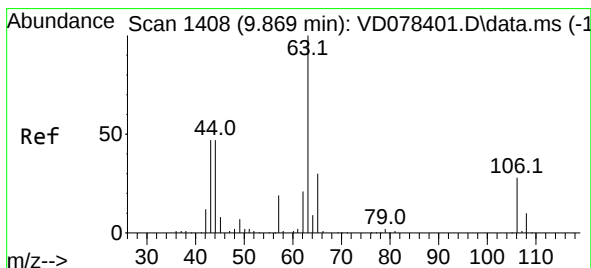
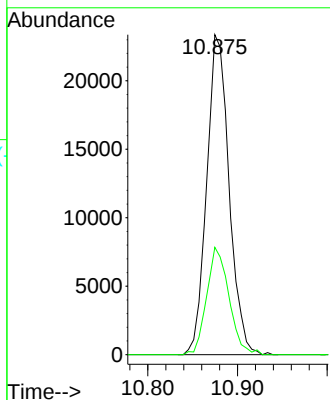
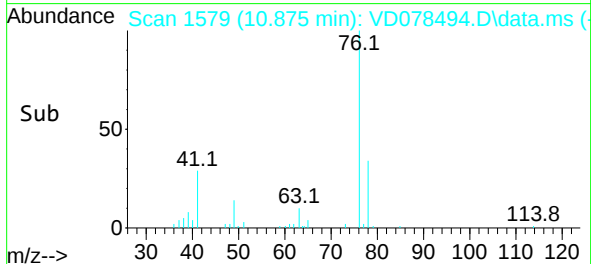
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



Tgt Ion: 76 Resp: 40499
Ion Ratio Lower Upper
76 100
78 33.4 26.4 39.6

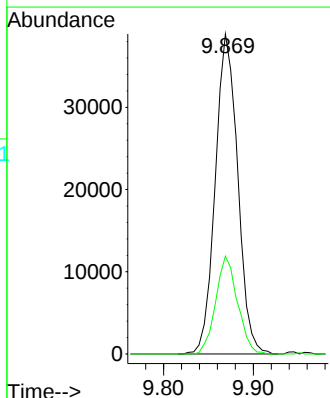
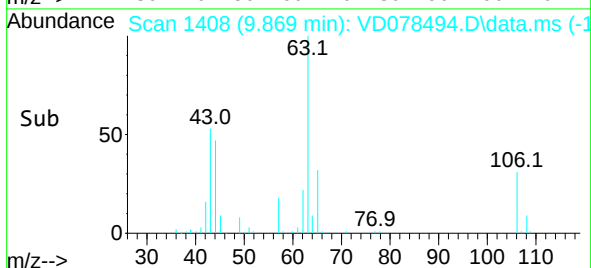
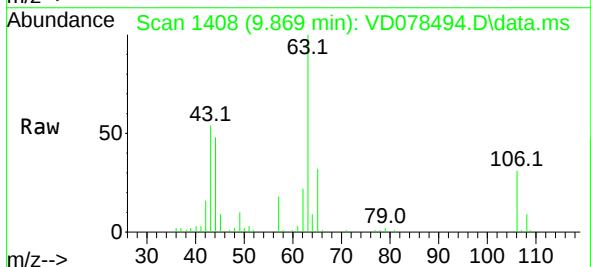
Manual Integrations
APPROVED

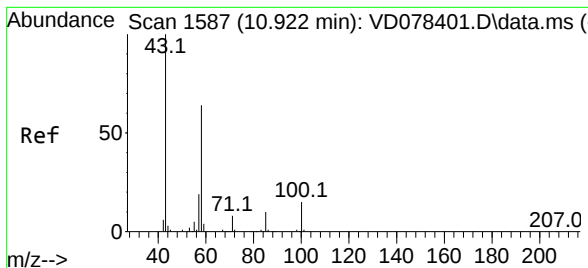
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#58
2-Chloroethyl Vinyl ether
Concen: 123.524 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

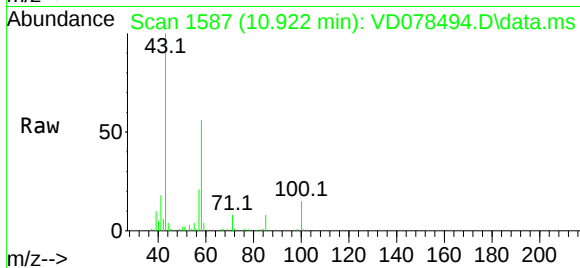
Tgt Ion: 63 Resp: 67489
Ion Ratio Lower Upper
63 100
106 29.7 25.3 37.9





#59
2-Hexanone
Concen: 126.621 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

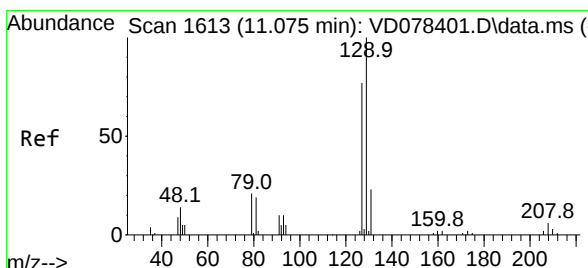
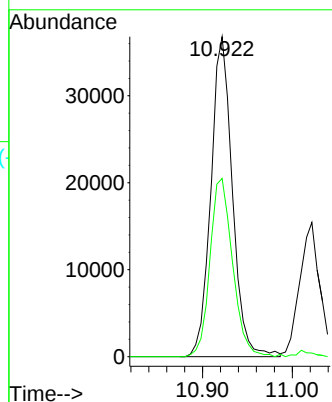
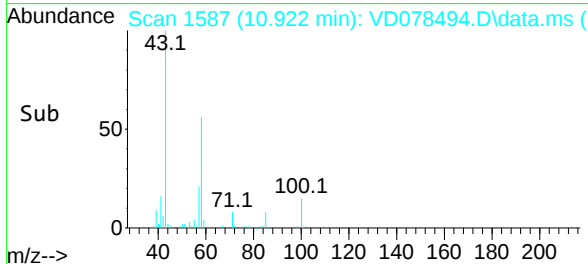
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



Tgt Ion: 43 Resp: 61200
Ion Ratio Lower Upper
43 100
58 58.5 34.1 102.2

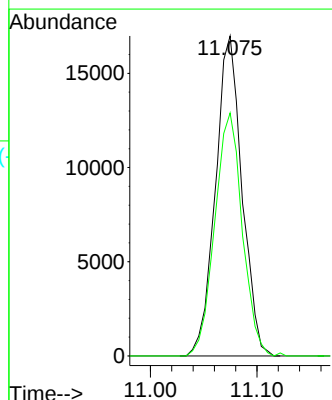
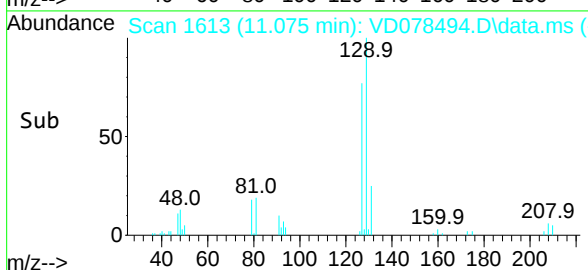
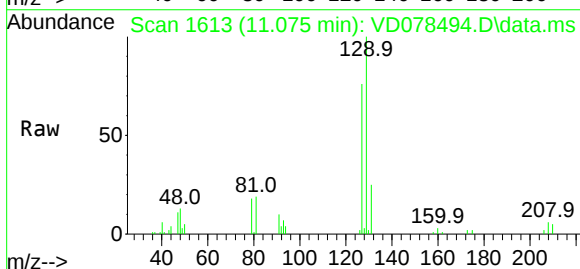
Manual Integrations
APPROVED

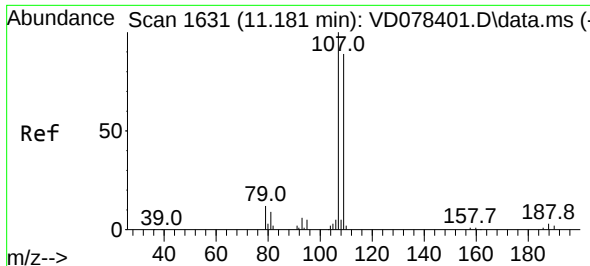
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#60
Dibromochloromethane
Concen: 24.309 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

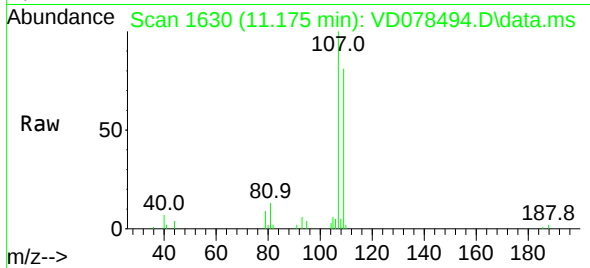
Tgt Ion:129 Resp: 29333
Ion Ratio Lower Upper
129 100
127 78.8 37.1 111.5





#61
1,2-Dibromoethane
Concen: 24.564 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

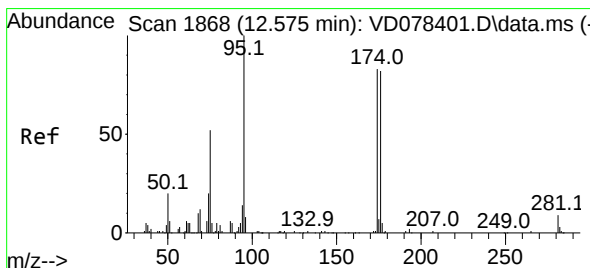
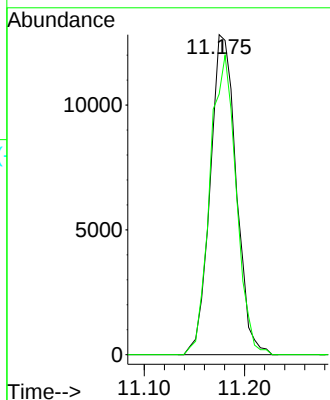
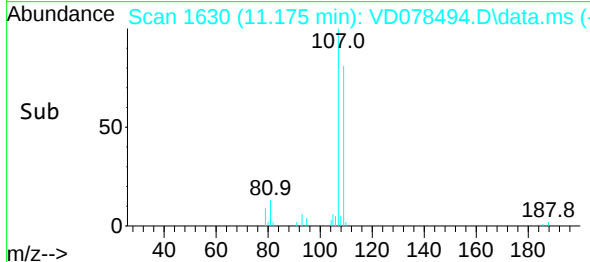
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



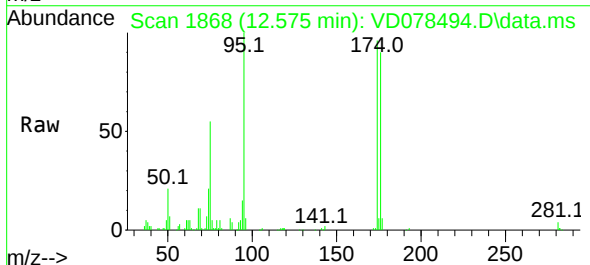
Tgt Ion:107 Resp: 23128
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

Manual Integrations
APPROVED

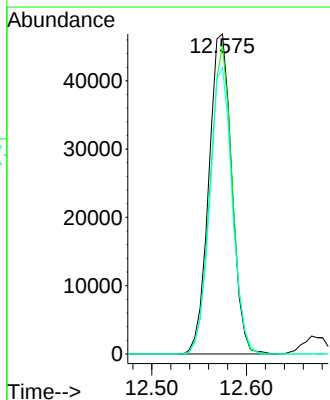
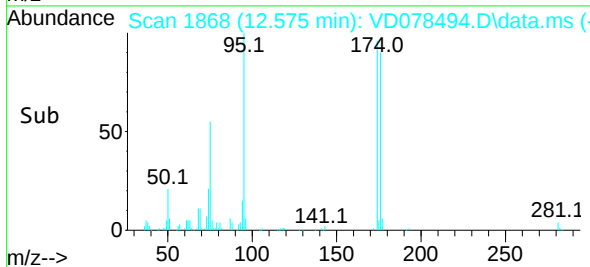
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

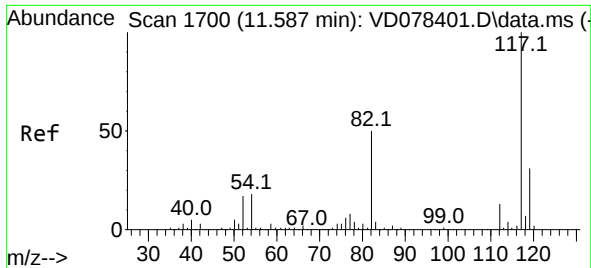


#62
4-Bromofluorobenzene
Concen: 56.259 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54



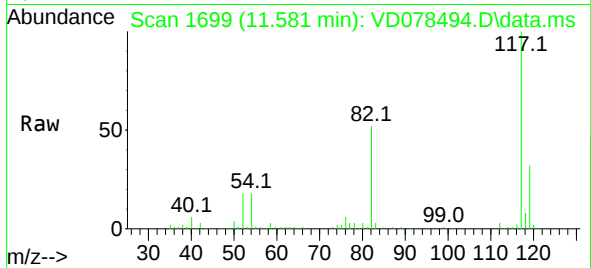
Tgt Ion: 95 Resp: 78707
Ion Ratio Lower Upper
95 100
174 92.6 0.0 201.8
176 88.0 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1156
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

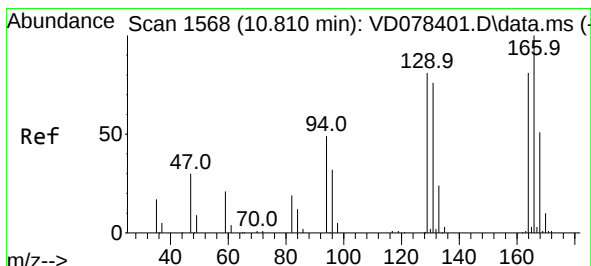
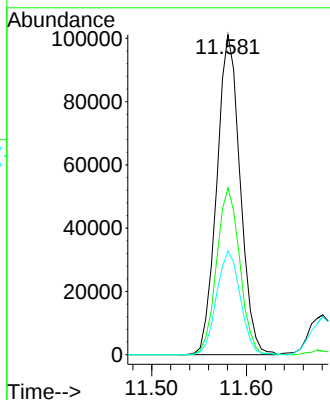
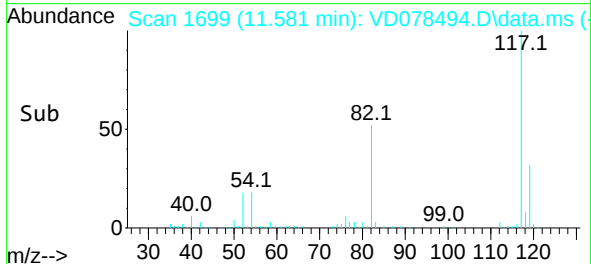
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



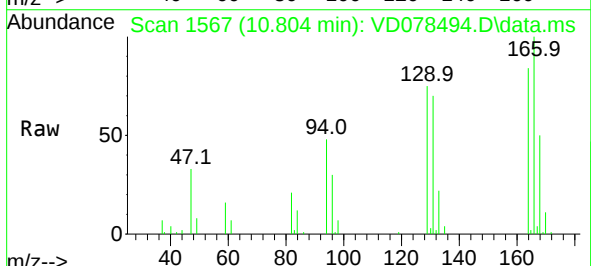
Tgt Ion:117 Resp: 17327
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 32.5 25.0 37.4

Manual Integrations
APPROVED

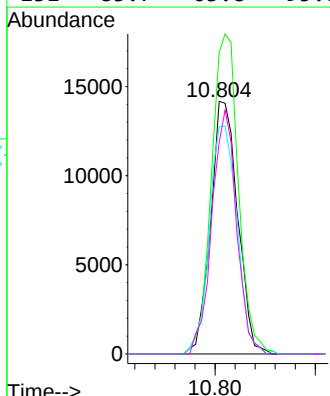
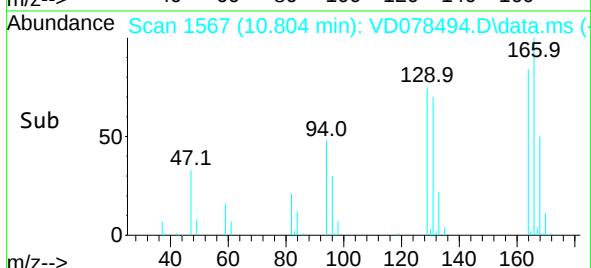
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

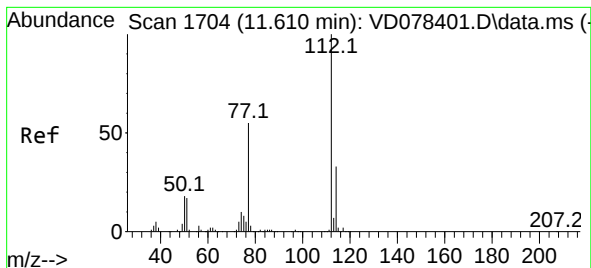


#64
Tetrachloroethene
Concen: 24.210 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54



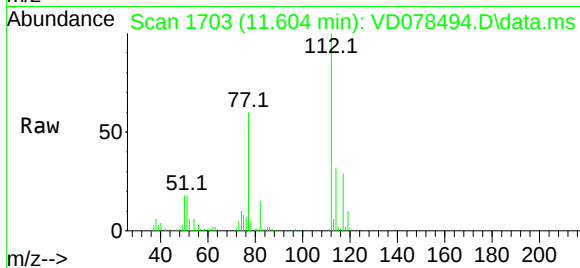
Tgt Ion:164 Resp: 26497
Ion Ratio Lower Upper
164 100
166 119.4 99.2 148.8
129 89.9 68.4 102.6
131 83.7 63.8 95.8





#65
Chlorobenzene
Concen: 24.218 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

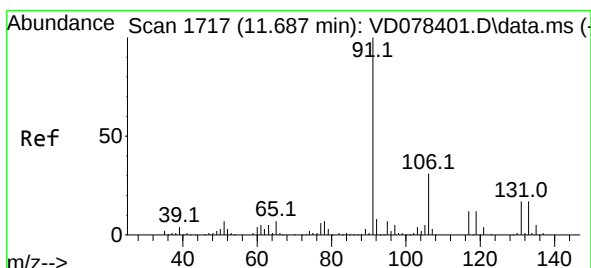
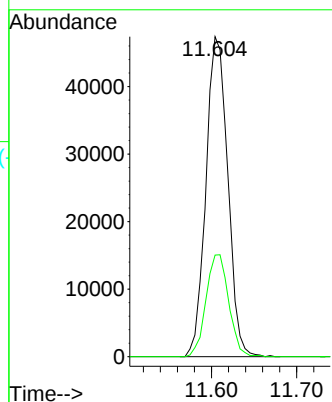
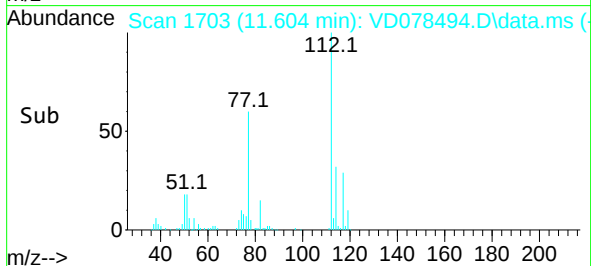
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



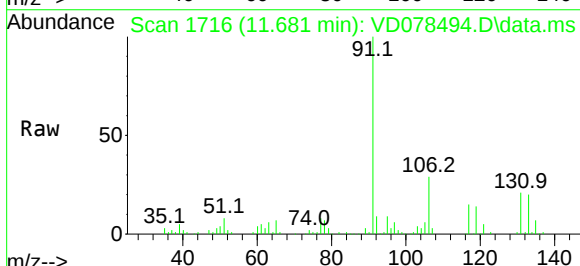
Tgt Ion:112 Resp: 8436
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7

Manual Integrations
APPROVED

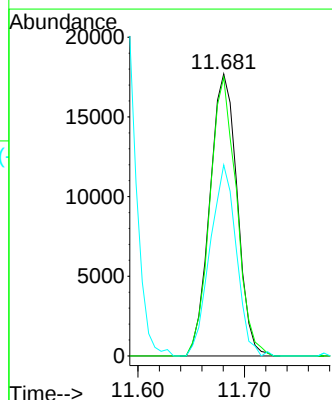
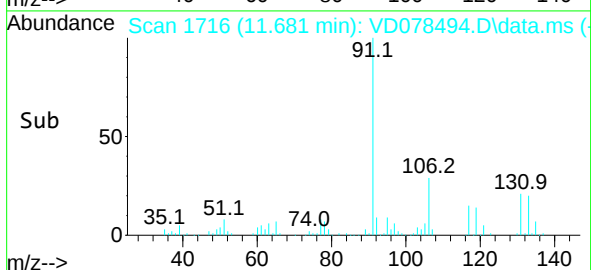
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

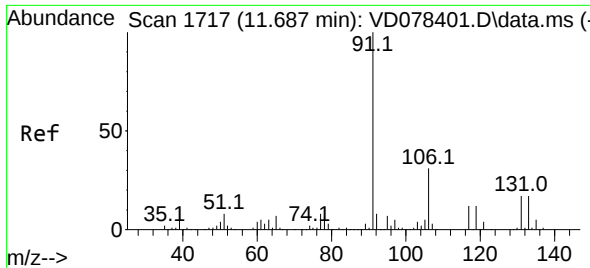


#66
1,1,1,2-Tetrachloroethane
Concen: 24.601 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54



Tgt Ion:131 Resp: 31494
Ion Ratio Lower Upper
131 100
133 96.2 48.5 145.5
119 65.3 35.6 106.9





#67

Ethyl Benzene

Concen: 23.275 ug/l

RT: 11.681 min Scan# 1717

Delta R.T. -0.006 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

Tgt Ion: 91 Resp: 145272

Ion Ratio Lower Upper

91 100

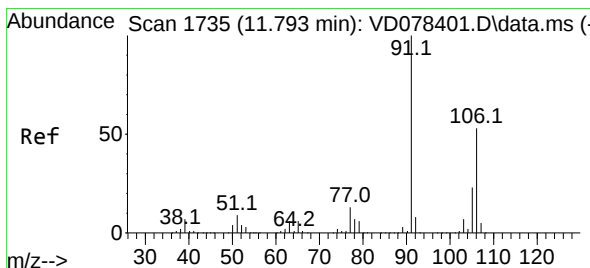
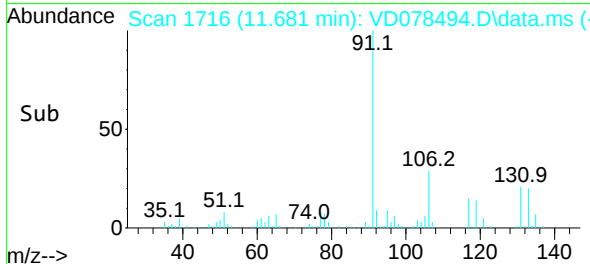
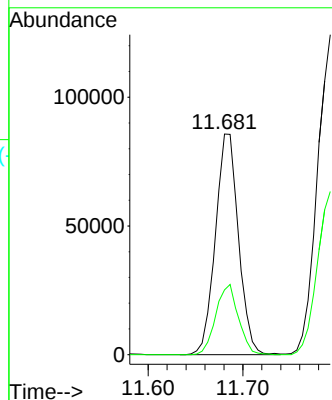
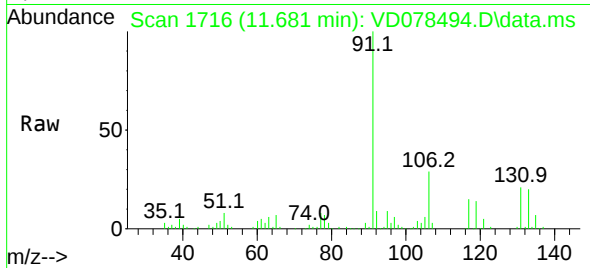
106 29.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#68

m/p-Xylenes

Concen: 48.081 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078494.D

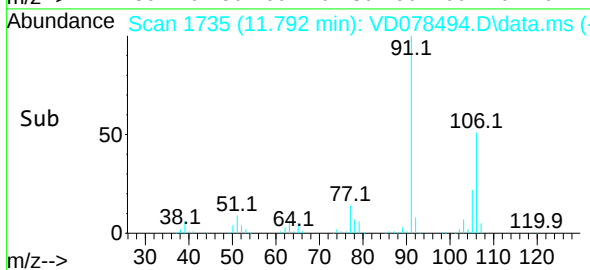
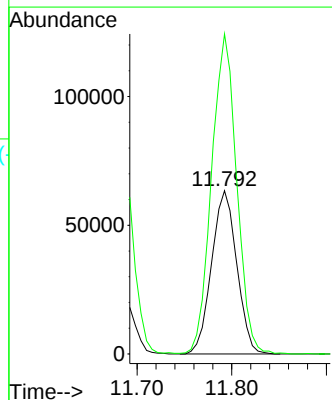
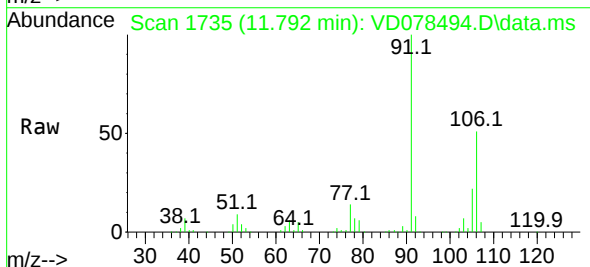
Acq: 21 Feb 2024 11:54

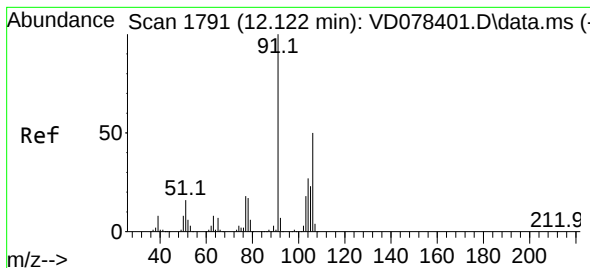
Tgt Ion:106 Resp: 117060

Ion Ratio Lower Upper

106 100

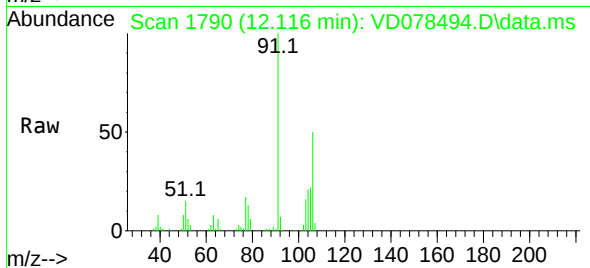
91 195.7 147.0 220.6





#69
o-Xylene
Concen: 24.235 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

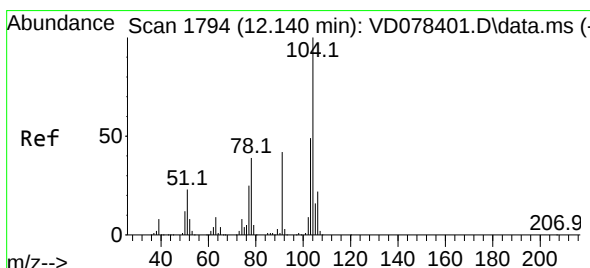
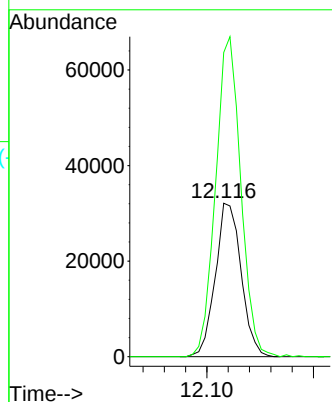
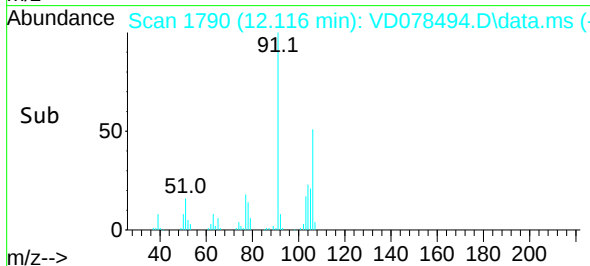
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



Tgt Ion:106 Resp: 53840
Ion Ratio Lower Upper
106 100
91 203.7 97.9 293.6

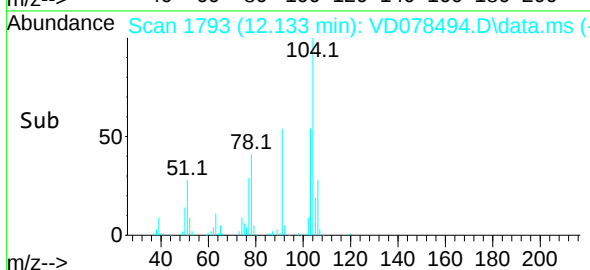
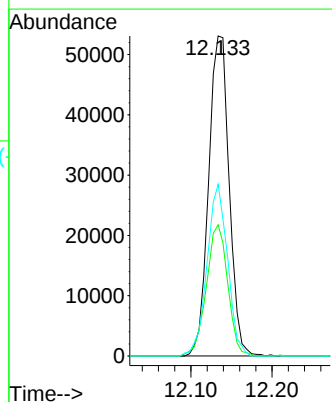
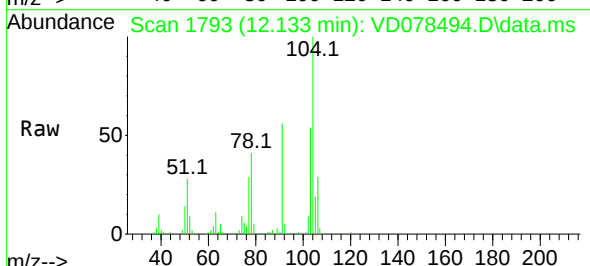
Manual Integrations
APPROVED

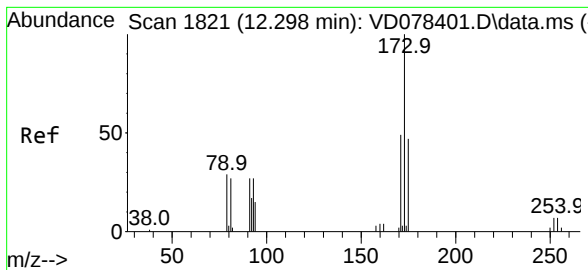
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#70
Styrene
Concen: 25.710 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

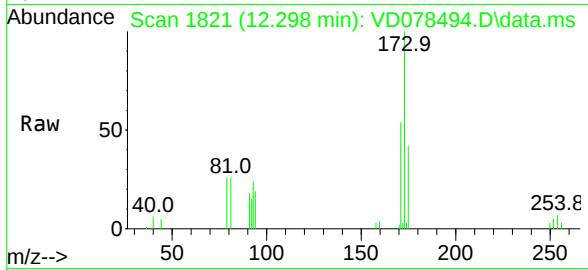
Tgt Ion:104 Resp: 93226
Ion Ratio Lower Upper
104 100
78 42.6 33.2 49.8
103 53.6 43.6 65.4





#71
Bromoform
Concen: 26.865 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

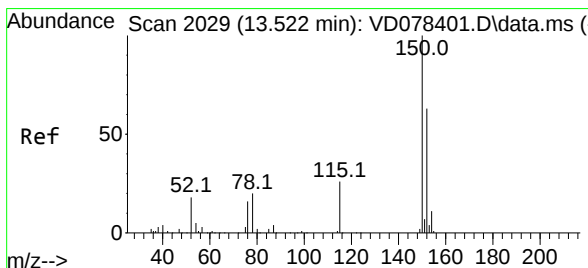
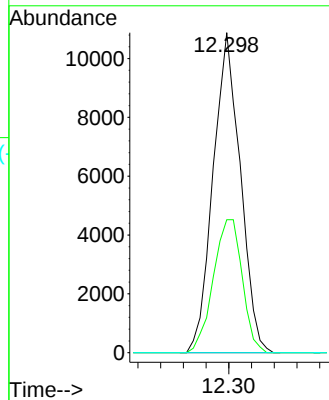
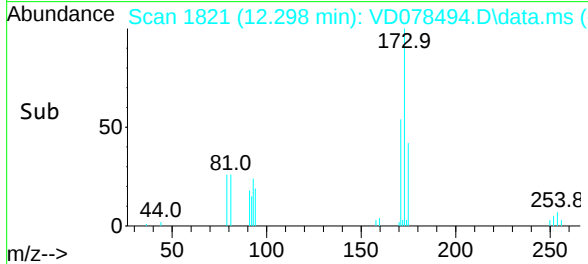
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



Tgt Ion:173 Resp: 1810
Ion Ratio Lower Upper
173 100
175 44.2 24.6 73.8
254 0.0 0.0 0.0

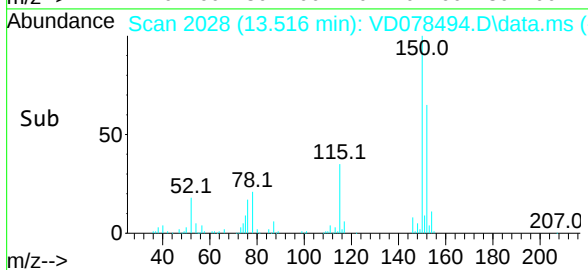
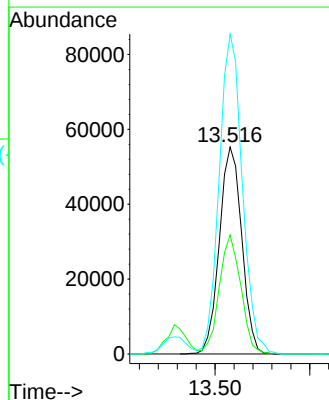
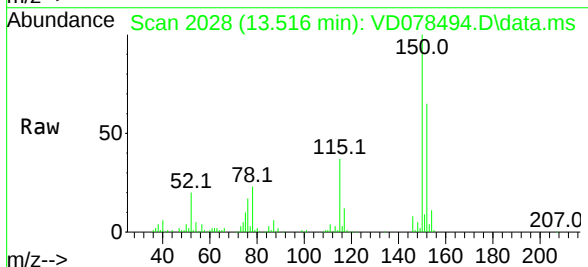
Manual Integrations
APPROVED

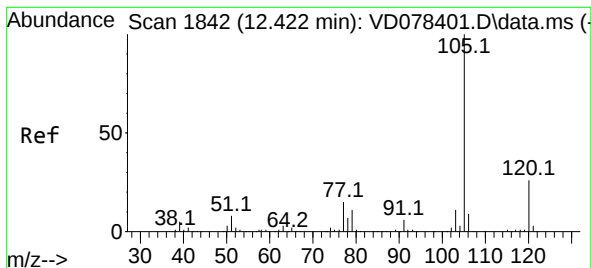
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion:152 Resp: 90824
Ion Ratio Lower Upper
152 100
115 55.2 27.1 81.3
150 159.7 0.0 353.6





#73

Isopropylbenzene

Concen: 22.843 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

Tgt Ion:105 Resp: 139314

Ion Ratio Lower Upper

105 100

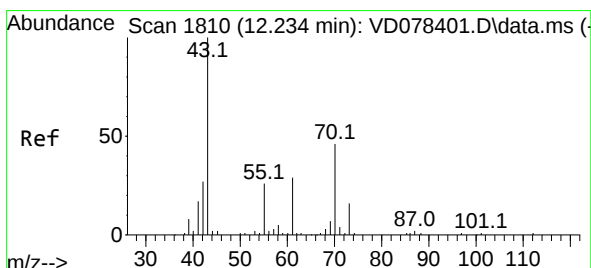
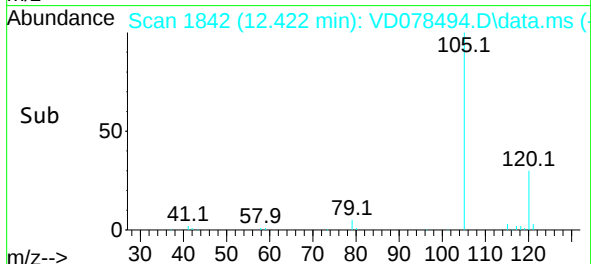
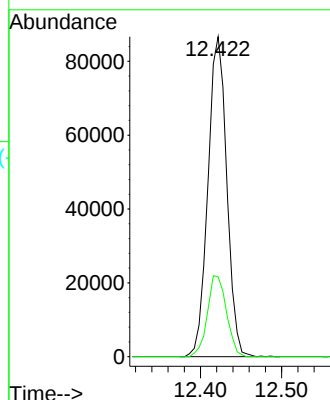
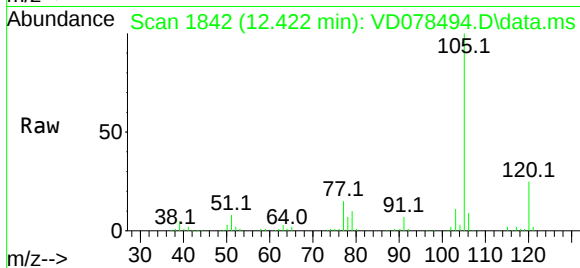
120 25.7 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#74

N-ethyl acetate

Concen: 23.156 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Tgt Ion: 43 Resp: 26717

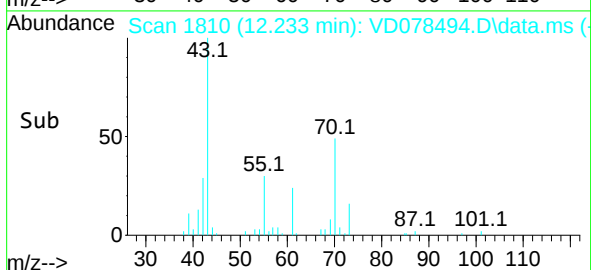
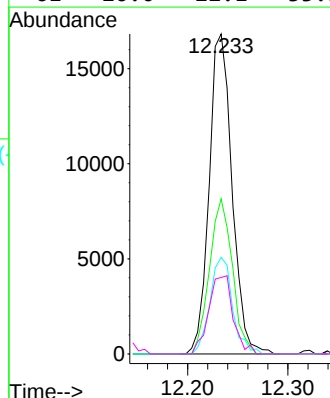
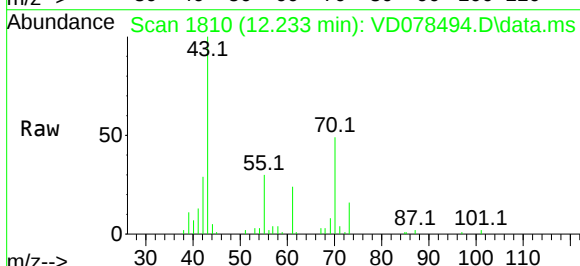
Ion Ratio Lower Upper

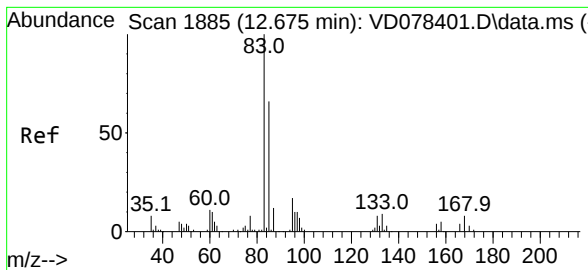
43 100

70 48.2 45.0 67.4

55 29.8 23.8 35.6

61 26.0 22.1 33.1





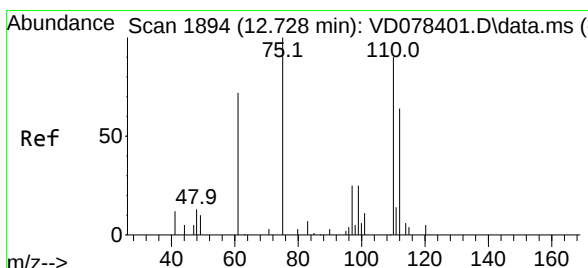
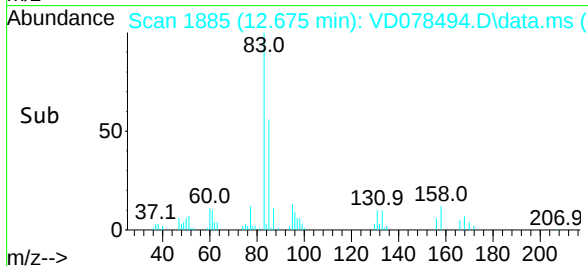
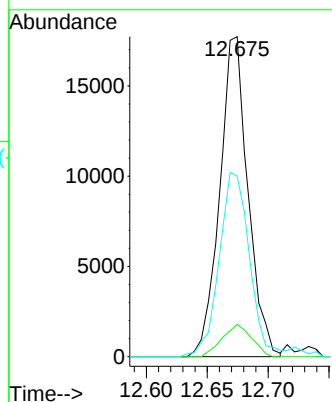
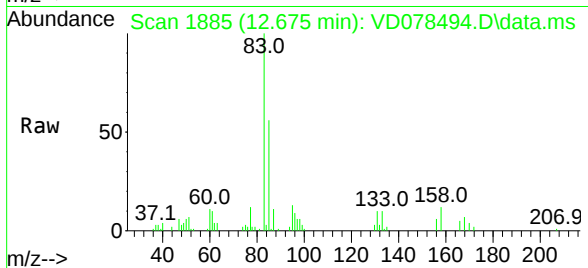
#75
1,1,2,2-Tetrachloroethane
Concen: 23.662 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Instrument : MSVOA_D
ClientSampleId : VD0221SBS01

Tgt Ion: 83 Resp: 28620
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 61.9 32.6 97.8

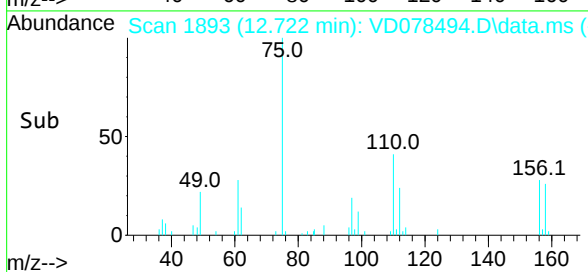
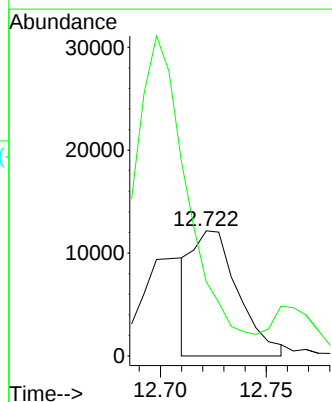
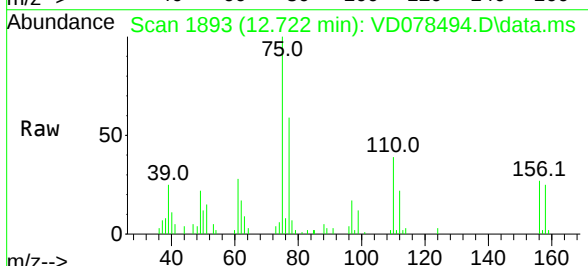
Manual Integrations
APPROVED

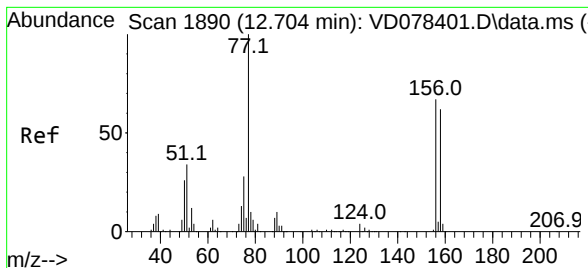
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#76
1,2,3-Trichloropropane
Concen: 24.008 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

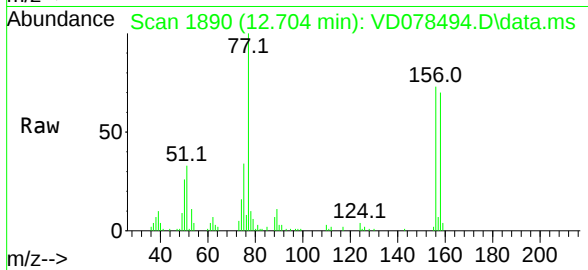
Tgt Ion: 75 Resp: 18512
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 24.370 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

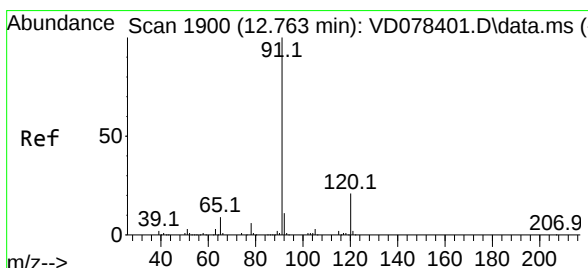
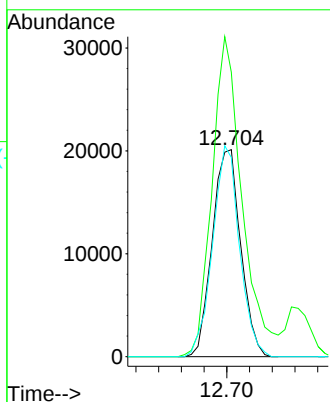
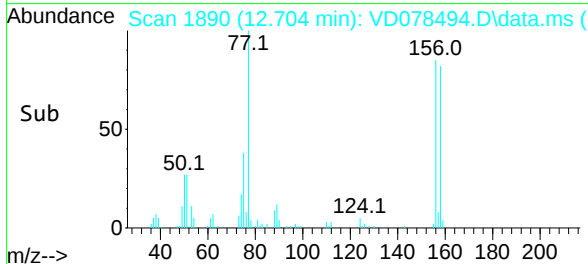
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



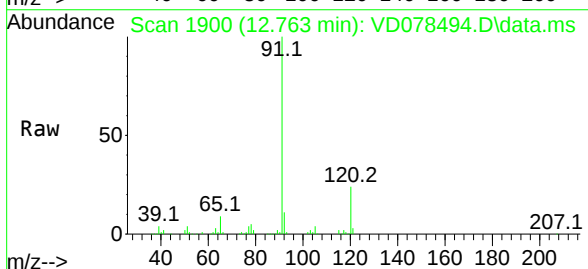
Tgt Ion:156 Resp: 34929
Ion Ratio Lower Upper
156 100
77 164.0 76.8 230.4
158 96.6 48.6 145.9

Manual Integrations
APPROVED

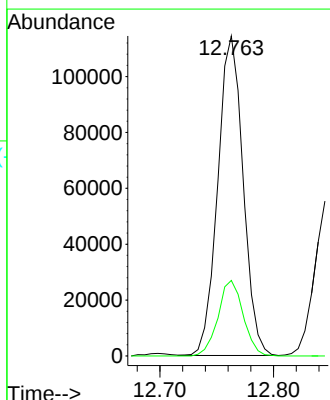
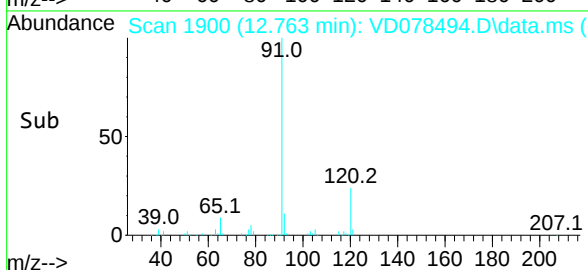
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

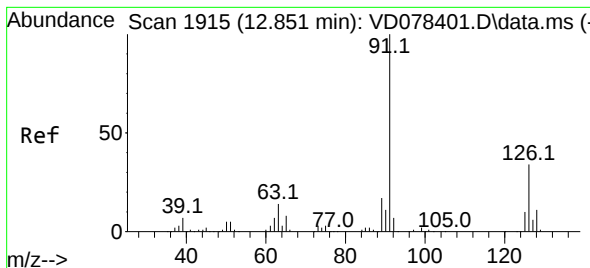


#78
n-propylbenzene
Concen: 23.315 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54



Tgt Ion: 91 Resp: 177201
Ion Ratio Lower Upper
91 100
120 23.5 12.4 37.2





#79

2-Chlorotoluene

Concen: 22.932 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

Tgt Ion: 91 Resp: 9334

Ion Ratio Lower Upper

91 100

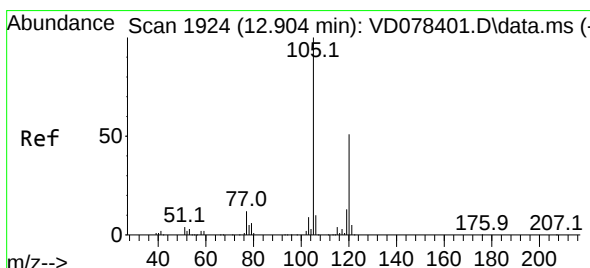
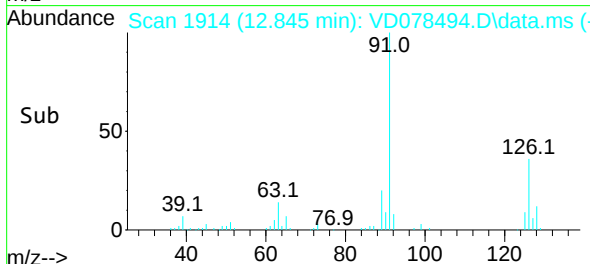
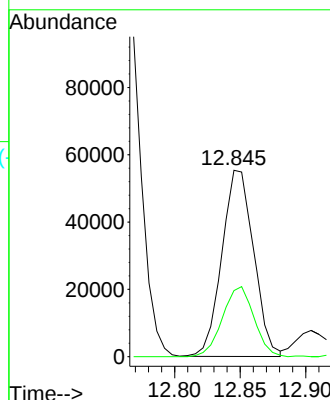
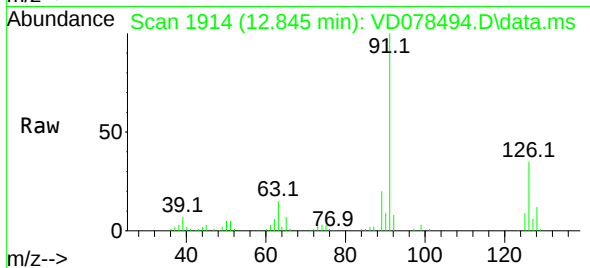
126 37.5 19.4 58.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#80

1,3,5-Trimethylbenzene

Concen: 22.509 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078494.D

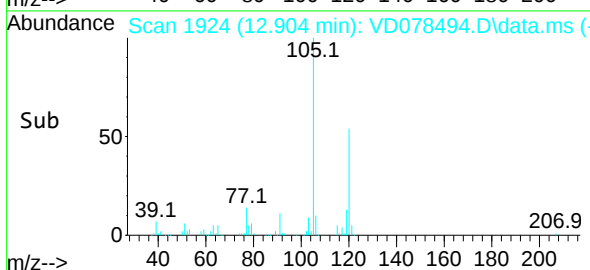
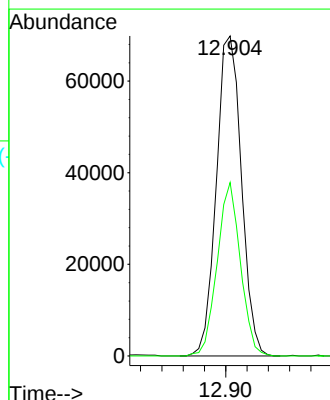
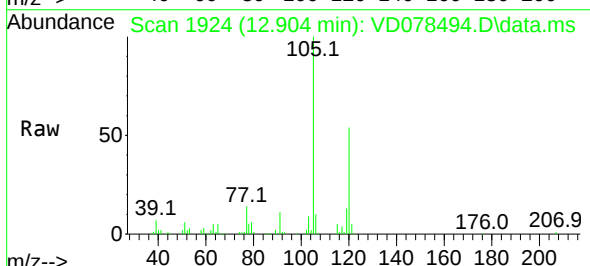
Acq: 21 Feb 2024 11:54

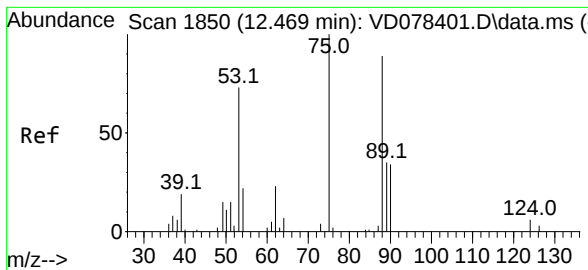
Tgt Ion:105 Resp: 113991

Ion Ratio Lower Upper

105 100

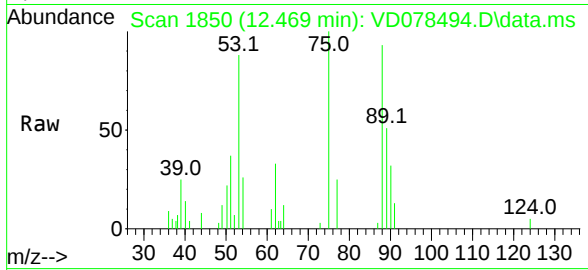
120 50.2 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 23.176 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

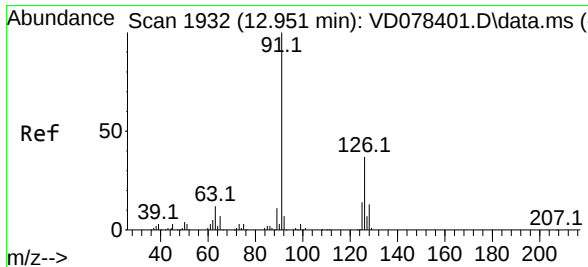
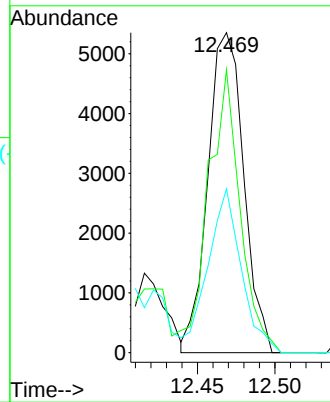
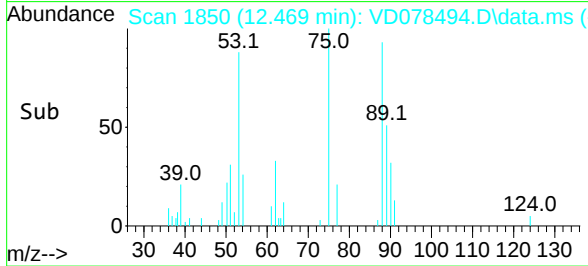
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



Tgt Ion: 75 Resp: 8608
Ion Ratio Lower Upper
75 100
53 77.6 63.0 94.4
89 47.6 37.9 56.9

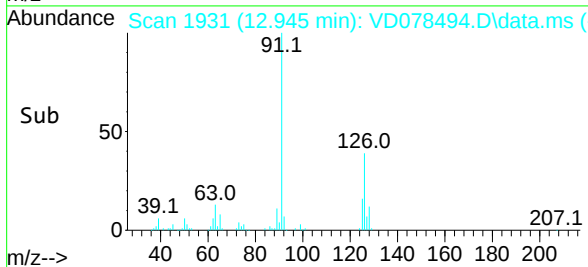
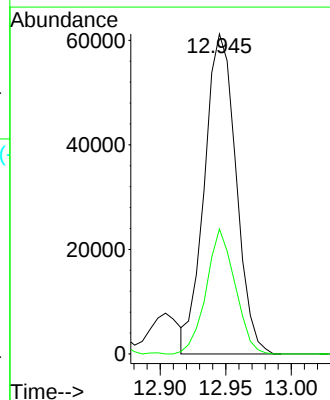
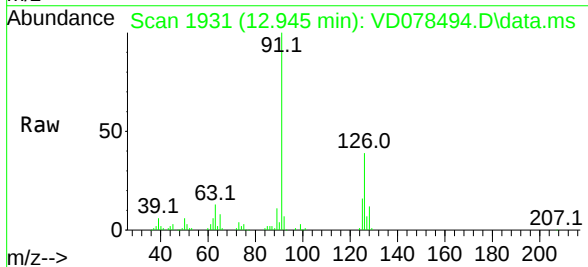
Manual Integrations
APPROVED

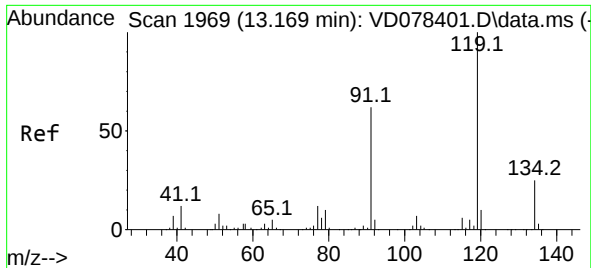
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#82
4-Chlorotoluene
Concen: 23.427 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

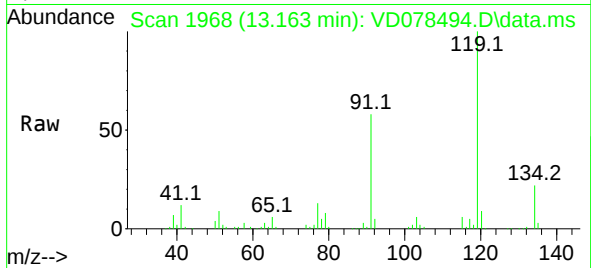
Tgt Ion: 91 Resp: 102421
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.4





#83
tert-Butylbenzene
Concen: 23.601 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

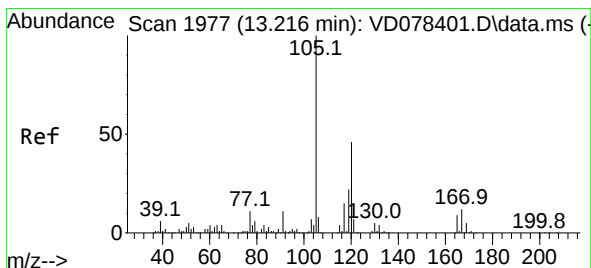
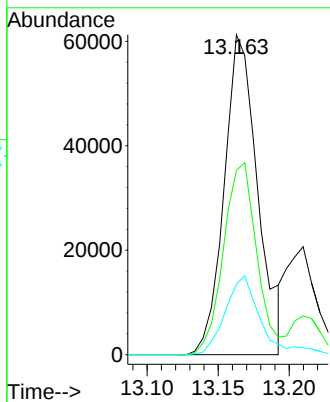
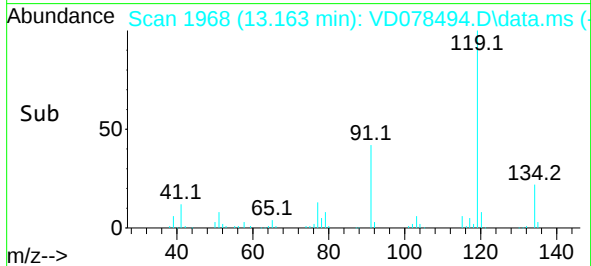
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



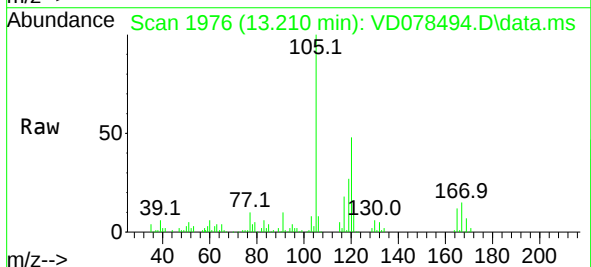
Tgt Ion:119 Resp: 100790
Ion Ratio Lower Upper
119 100
91 59.4 29.3 87.8
134 26.0 14.1 42.3

Manual Integrations
APPROVED

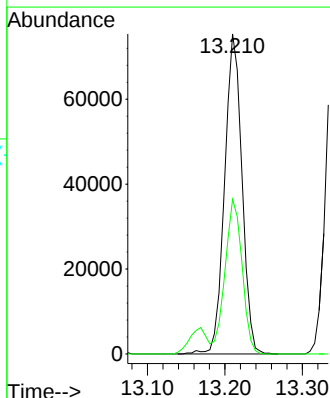
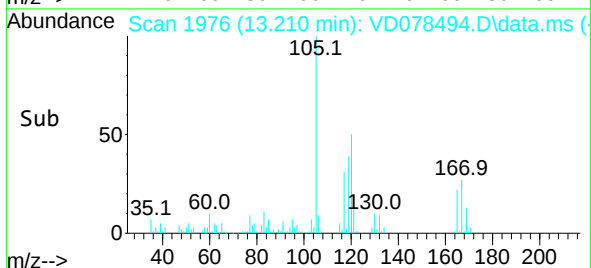
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

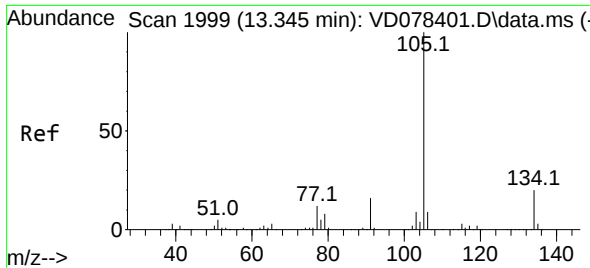


#84
1,2,4-Trimethylbenzene
Concen: 22.838 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54



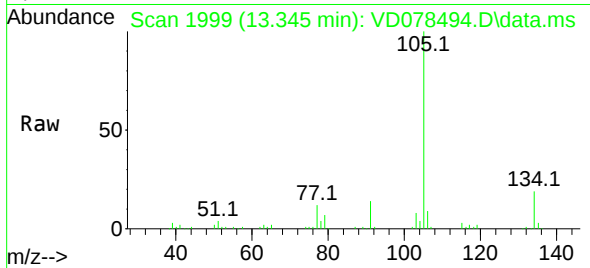
Tgt Ion:105 Resp: 117377
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 23.910 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

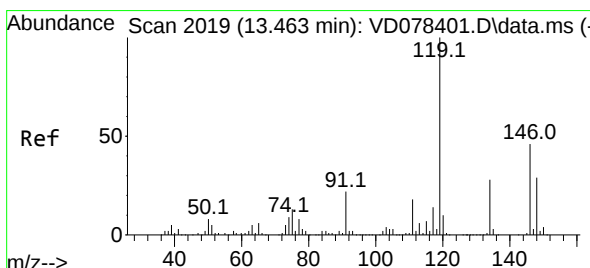
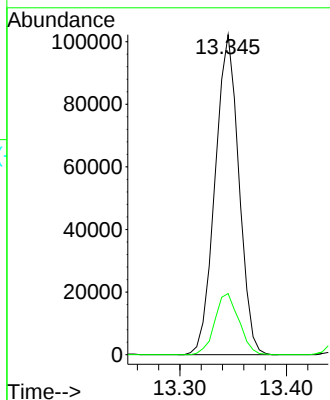
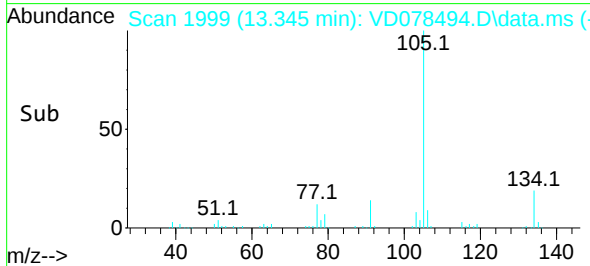
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01



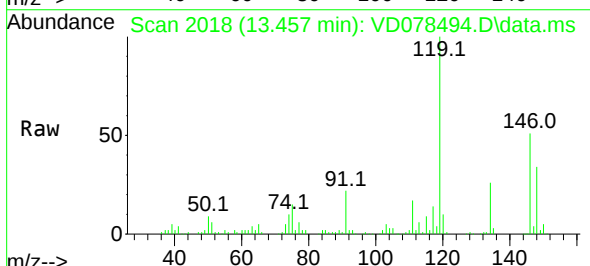
Tgt Ion:105 Resp: 158360
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.9 32.9

Manual Integrations
 APPROVED

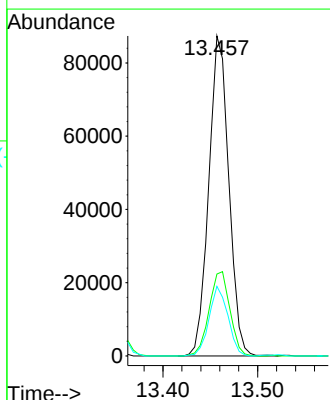
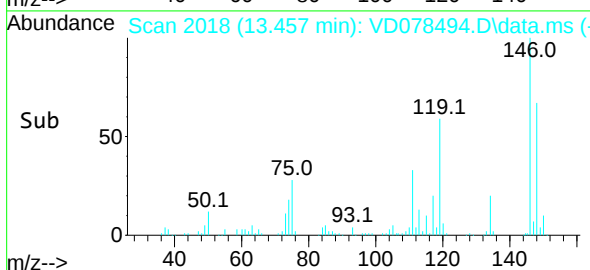
Reviewed By :Mahesh Dadoda 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

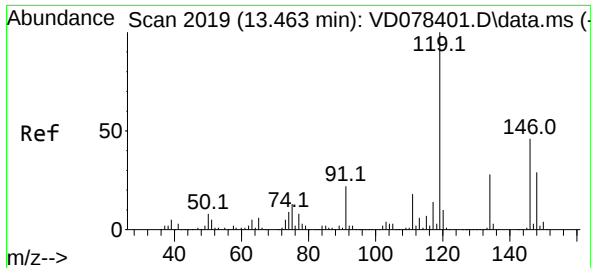


#86
 p-Isopropyltoluene
 Concen: 22.778 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54



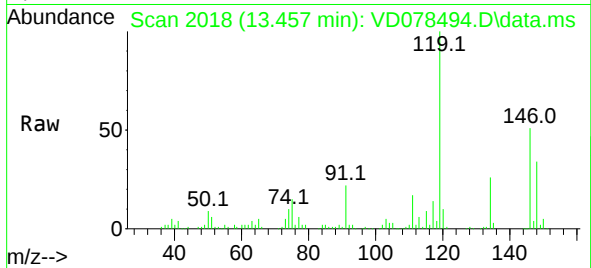
Tgt Ion:119 Resp: 128506
 Ion Ratio Lower Upper
 119 100
 134 27.3 14.2 42.6
 91 20.5 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 23.548 ug/l
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

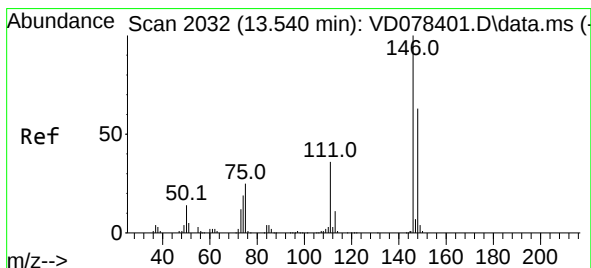
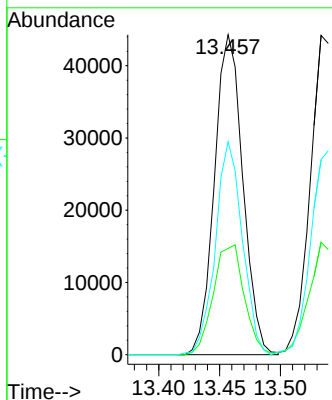
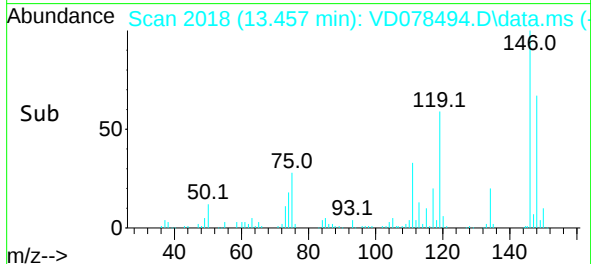
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



Tgt Ion:146 Resp: 72034
Ion Ratio Lower Upper
146 100
111 37.3 17.9 53.8
148 63.2 32.3 96.8

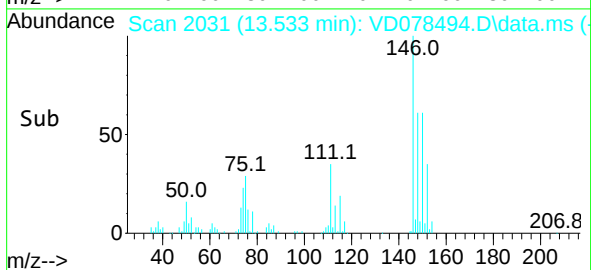
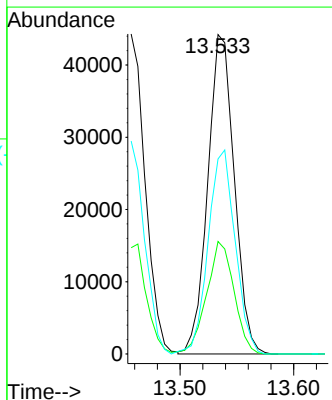
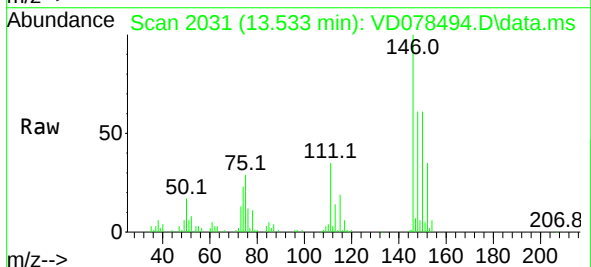
Manual Integrations
APPROVED

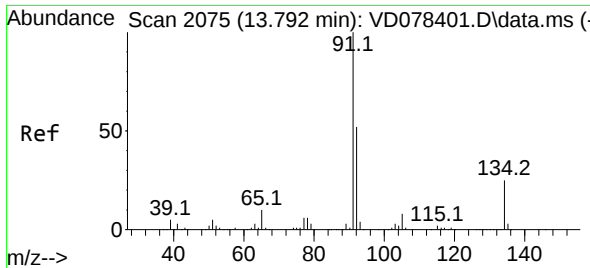
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#88
1,4-Dichlorobenzene
Concen: 23.933 ug/l
RT: 13.533 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion:146 Resp: 71938
Ion Ratio Lower Upper
146 100
111 36.4 17.4 52.3
148 65.1 31.7 95.1





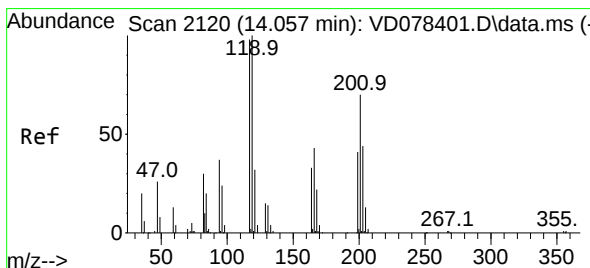
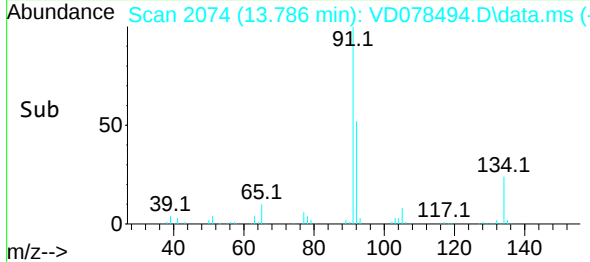
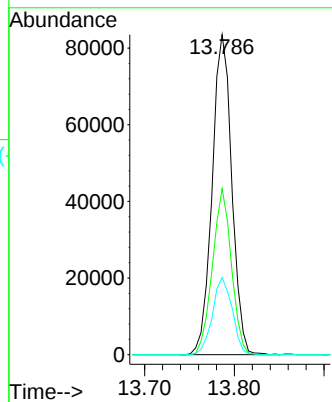
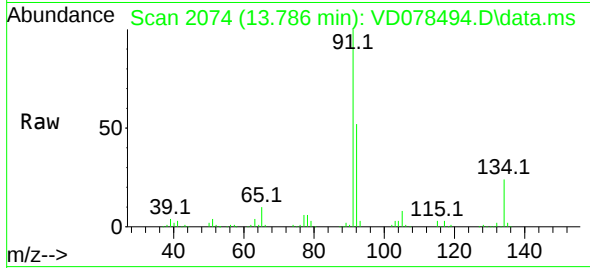
#89
n-Butylbenzene
Concen: 23.346 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

Tgt Ion: 91 Resp: 126948
Ion Ratio Lower Upper
91 100
92 50.0 26.5 79.5
134 24.2 13.8 41.3

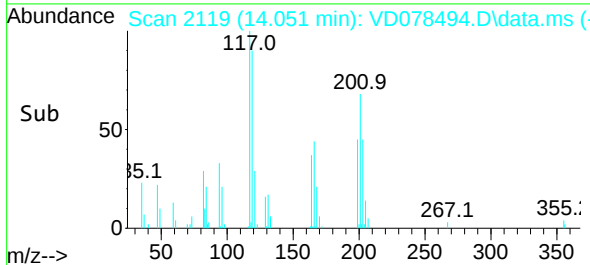
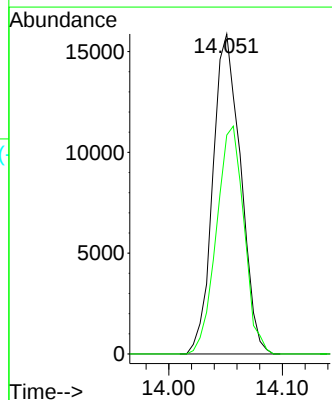
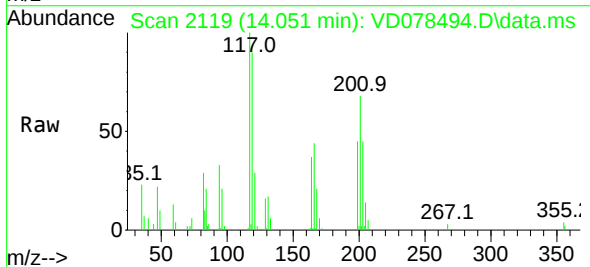
Manual Integrations
APPROVED

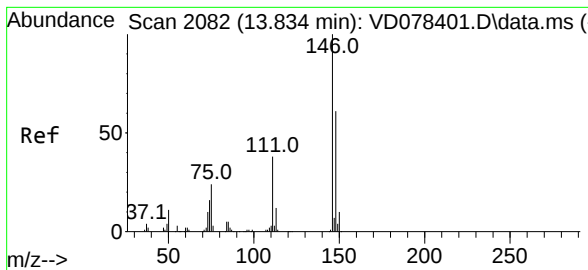
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#90
Hexachloroethane
Concen: 23.250 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

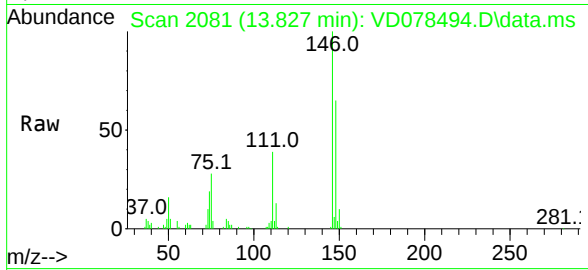
Tgt Ion:117 Resp: 26959
Ion Ratio Lower Upper
117 100
201 70.7 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 24.481 ug/l
RT: 13.827 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

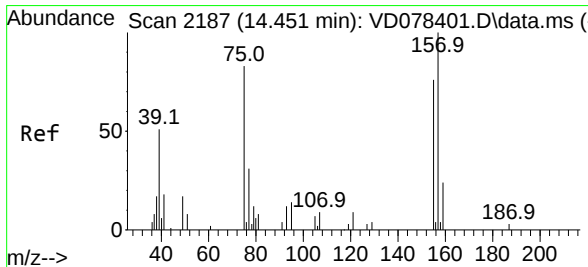
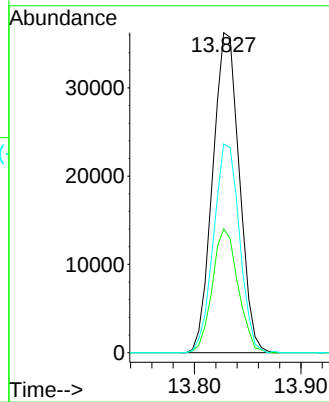
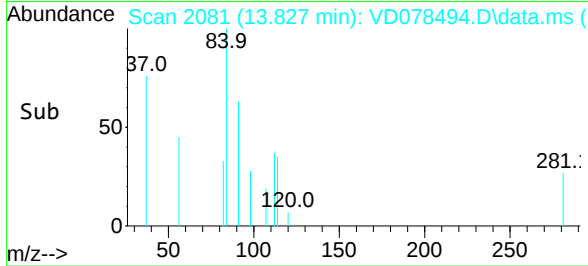
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



Tgt Ion:146 Resp: 6288
Ion Ratio Lower Upper
146 100
111 37.4 18.3 54.8
148 63.8 31.6 94.7

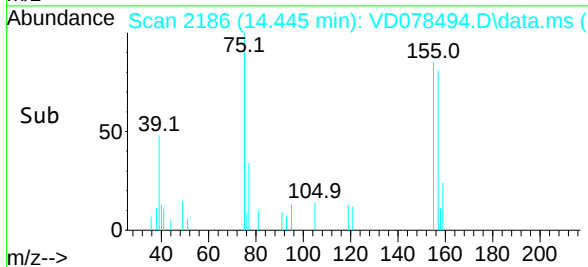
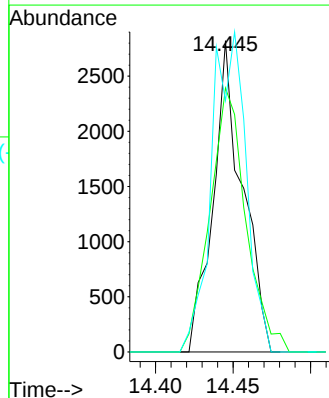
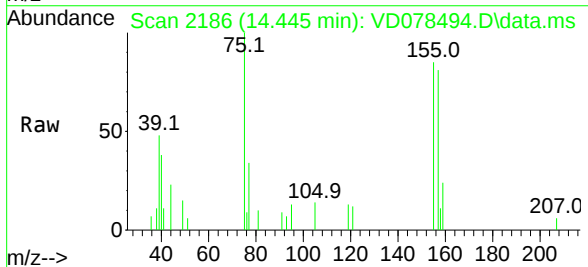
Manual Integrations
APPROVED

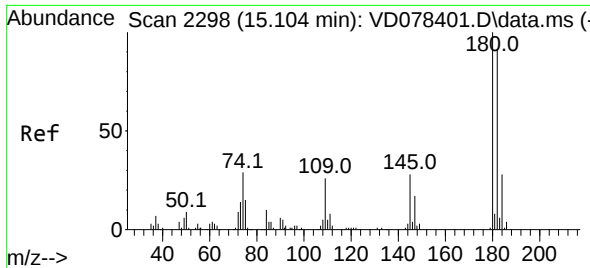
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.503 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

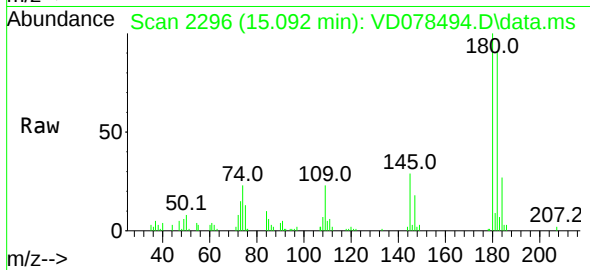
Tgt Ion: 75 Resp: 3723
Ion Ratio Lower Upper
75 100
155 103.9 47.9 143.8
157 120.2 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 23.517 ug/l
RT: 15.092 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

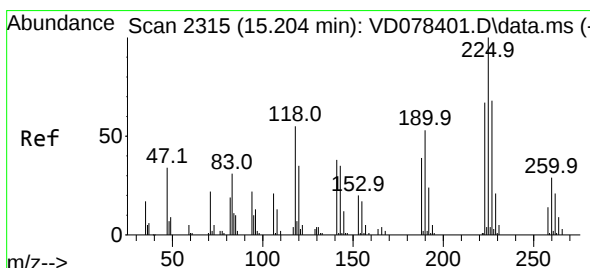
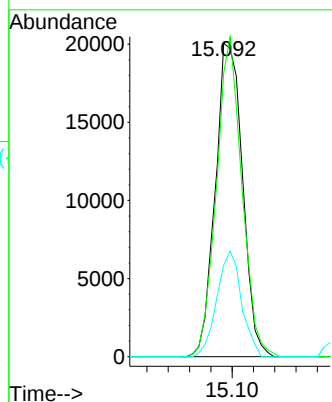
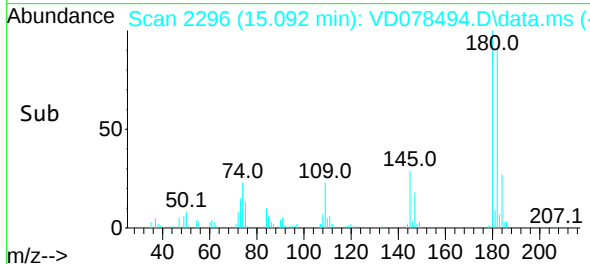
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



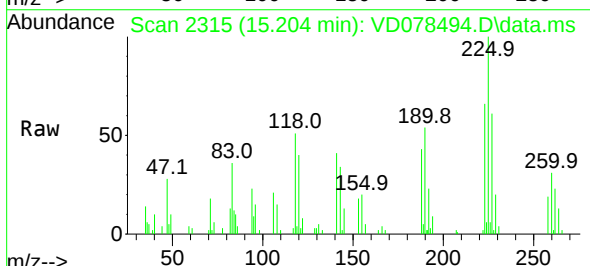
Tgt Ion:180 Resp: 35504
Ion Ratio Lower Upper
180 100
182 95.3 48.5 145.6
145 30.6 14.2 42.6

Manual Integrations
APPROVED

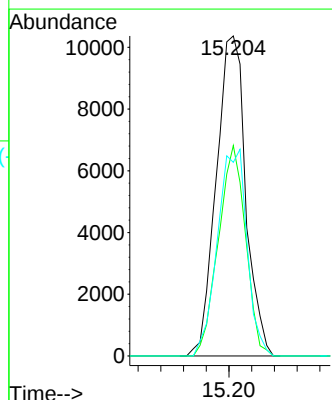
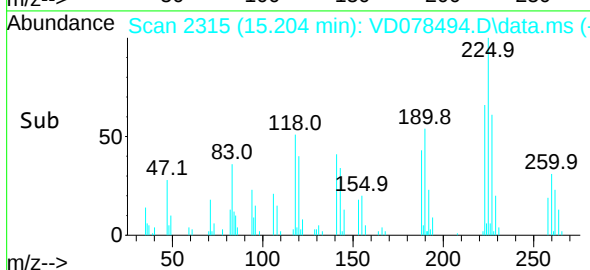
Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

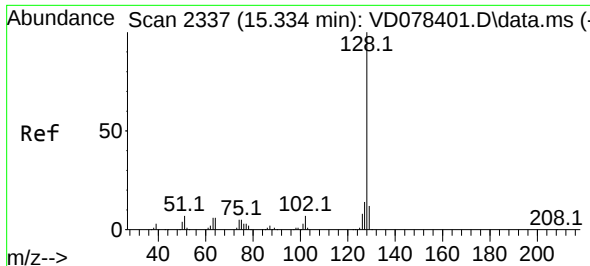


#94
Hexachlorobutadiene
Concen: 23.719 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54



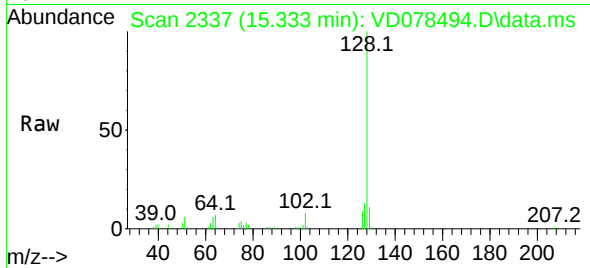
Tgt Ion:225 Resp: 18691
Ion Ratio Lower Upper
225 100
223 60.5 31.6 94.8
227 64.4 31.7 95.1





#95
Naphthalene
Concen: 22.890 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

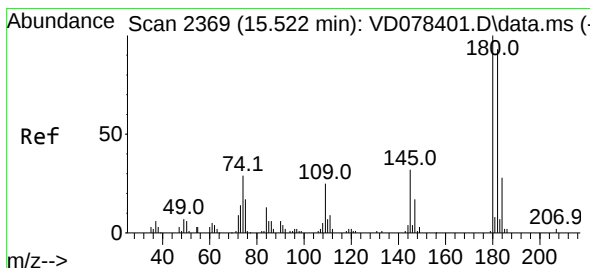
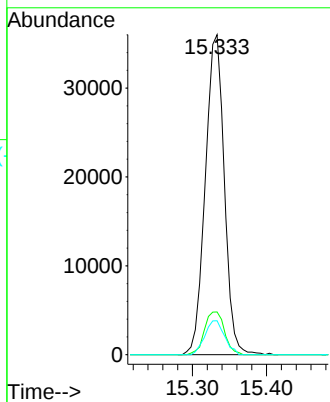
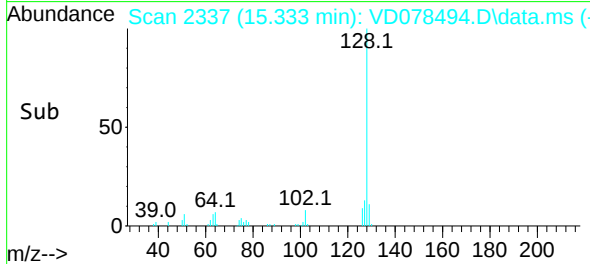
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01



Tgt Ion:128 Resp: 64095
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#96
1,2,3-Trichlorobenzene
Concen: 23.913 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion:180 Resp: 30596
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.9
145 31.5 15.1 45.3

