

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
 Data File : VD078400.D
 Acq On : 13 Feb 2024 11:26
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 14 00:49:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 00:36:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	143406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	254345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	236206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	33877	21.848	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	43.700%#		
35) Dibromofluoromethane	7.804	113	35281	21.837	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	43.680%#		
50) Toluene-d8	10.269	98	134816	20.860	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	41.720%#		
62) 4-Bromofluorobenzene	12.575	95	39668	21.091	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	42.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	27731	19.626	ug/l	97
3) Chloromethane	2.152	50	56277	21.673	ug/l	98
4) Vinyl Chloride	2.281	62	84812	21.404	ug/l	99
5) Bromomethane	2.681	94	55832	20.414	ug/l	99
6) Chloroethane	2.834	64	64186	22.215	ug/l	96
7) Trichlorofluoromethane	3.175	101	56965	21.312	ug/l	92
8) Diethyl Ether	3.593	74	17035	22.127	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.969	101	36038	21.372	ug/l	97
10) Methyl Iodide	4.164	142	32663	21.627	ug/l #	89
11) Tert butyl alcohol	5.069	59	10778	125.435	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	33247	21.267	ug/l	92
13) Acrolein	3.805	56	16178	112.938	ug/l	93
14) Allyl chloride	4.558	41	42450	21.980	ug/l	90
15) Acrylonitrile	5.252	53	37897	114.987	ug/l	97
16) Acetone	4.028	43	40453	121.299	ug/l	89
17) Carbon Disulfide	4.269	76	115171	21.894	ug/l	99
18) Methyl Acetate	4.575	43	14995	16.460	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	71058	21.394	ug/l	99
20) Methylene Chloride	4.805	84	42990	22.794	ug/l #	89
21) trans-1,2-Dichloroethene	5.316	96	39261	21.348	ug/l	94
22) Diisopropyl ether	6.222	45	94496	22.200	ug/l	93
23) Vinyl Acetate	6.158	43	248783m	129.771	ug/l	
24) 1,1-Dichloroethane	6.116	63	65639	21.768	ug/l	98
25) 2-Butanone	7.081	43	51851	124.285	ug/l	90
26) 2,2-Dichloropropane	7.069	77	53685	21.237	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	42560	21.093	ug/l	92
28) Bromochloromethane	7.428	49	28580	23.929	ug/l #	78
29) Tetrahydrofuran	7.452	42	25815	111.950	ug/l	86
30) Chloroform	7.599	83	68666	21.522	ug/l	89
31) Cyclohexane	7.875	56	54273	20.692	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	58404	21.471	ug/l	99
36) 1,1-Dichloropropene	8.010	75	53422	21.285	ug/l #	63
37) Ethyl Acetate	7.175	43	20654	23.475	ug/l #	92
38) Carbon Tetrachloride	7.987	117	51820	20.848	ug/l	96
39) Methylcyclohexane	9.275	83	59387	19.931	ug/l	91
40) Benzene	8.252	78	153908	21.215	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9539	20.832	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	39908	21.260	ug/l	95
43) Isopropyl Acetate	8.357	43	36442	22.368	ug/l	93
44) Trichloroethene	9.028	130	38401	20.748	ug/l	83
45) 1,2-Dichloropropane	9.304	63	39754	22.334	ug/l	98
46) Dibromomethane	9.393	93	21134	21.109	ug/l	88
47) Bromodichloromethane	9.587	83	52830	21.305	ug/l	99
48) Methyl methacrylate	9.387	41	16892	19.543	ug/l #	78
49) 1,4-Dioxane	9.393	88	4896	451.565	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	96322	111.393	ug/l	90
52) Toluene	10.334	92	94933	20.693	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	47926	21.181	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	59257	21.597	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	28176	20.898	ug/l	92
56) Ethyl methacrylate	10.598	69	30135	24.167	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	47949	20.906	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	76747	104.487	ug/l	93
59) 2-Hexanone	10.922	43	76273	117.373	ug/l	87
60) Dibromochloromethane	11.075	129	34549	21.298	ug/l	100
61) 1,2-Dibromoethane	11.181	107	26308	20.784	ug/l	99
64) Tetrachloroethene	10.810	164	30382	20.364	ug/l	91
65) Chlorobenzene	11.610	112	100289	21.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	35494	20.339	ug/l	98
67) Ethyl Benzene	11.687	91	172635	20.290	ug/l	99
68) m/p-Xylenes	11.793	106	134626	40.564	ug/l	90
69) o-Xylene	12.122	106	61643	20.353	ug/l	89
70) Styrene	12.134	104	107370	21.722	ug/l	97
71) Bromoform	12.298	173	18318	19.943	ug/l #	99
73) Isopropylbenzene	12.422	105	159668	20.735	ug/l	94
74) N-amyl acetate	12.234	43	33900	23.270	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	33114	21.678	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	18512m	18.965	ug/l	
77) Bromobenzene	12.704	156	36316	20.067	ug/l	80
78) n-propylbenzene	12.763	91	204982	21.360	ug/l	95
79) 2-Chlorotoluene	12.851	91	110222	21.445	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	133598	20.893	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	10018	21.362	ug/l	91
82) 4-Chlorotoluene	12.945	91	116537	21.111	ug/l	95
83) tert-Butylbenzene	13.169	119	110322	20.458	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	134903	20.788	ug/l	96
85) sec-Butylbenzene	13.345	105	176769	21.137	ug/l	96
86) p-Isopropyltoluene	13.463	119	142534	20.009	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	78059	20.209	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	78709	20.739	ug/l	98
89) n-Butylbenzene	13.787	91	139989	20.389	ug/l	94
90) Hexachloroethane	14.057	117	30199	20.627	ug/l	87
91) 1,2-Dichlorobenzene	13.834	146	68877	21.235	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4505	22.523	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	38456	20.174	ug/l	99
94) Hexachlorobutadiene	15.204	225	19929	20.030	ug/l	98
95) Naphthalene	15.334	128	72370	20.469	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	32114	19.878	ug/l	98

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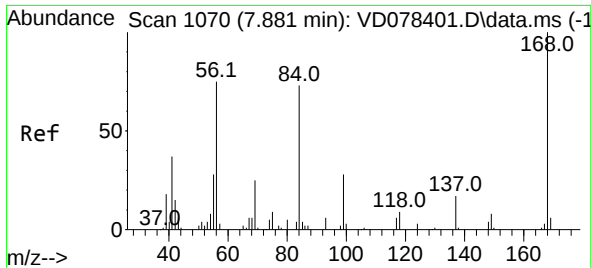
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

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Quant Title : SW846 8260
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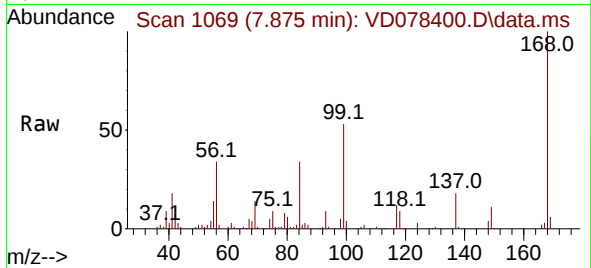
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078400.D
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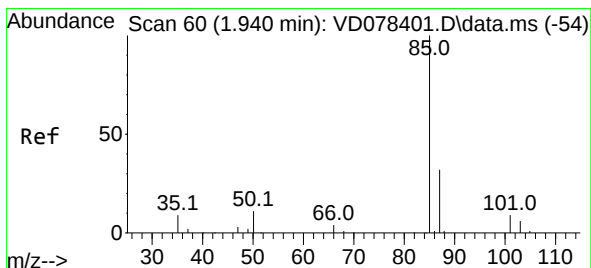
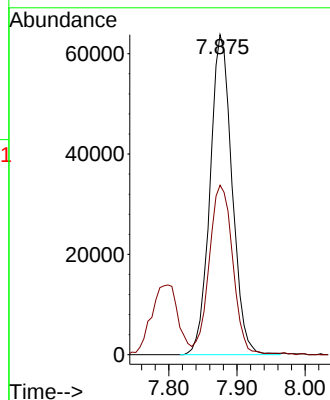
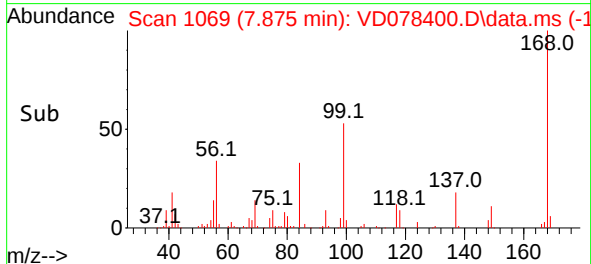
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 143400
Ion Ratio Lower Upper
168 100
99 52.5 36.7 55.1

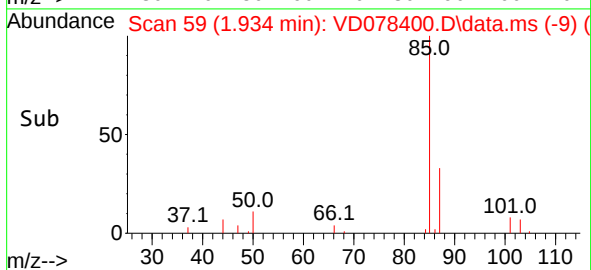
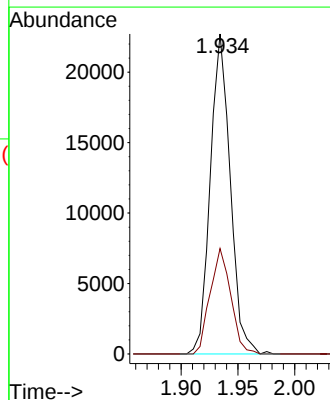
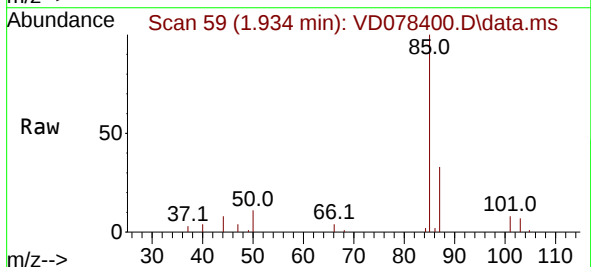
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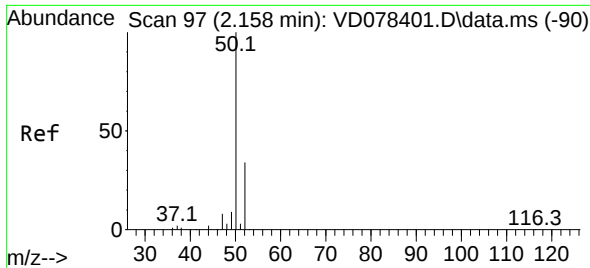
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#2
Dichlorodifluoromethane
Concen: 19.626 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

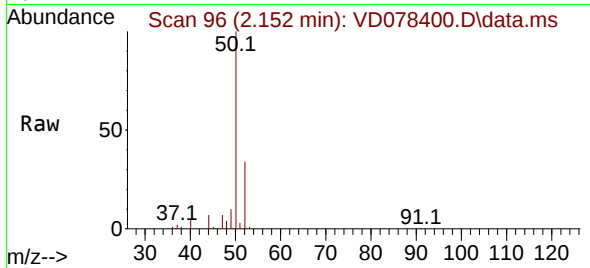
Tgt Ion: 85 Resp: 27731
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0





#3
Chloromethane
Concen: 21.673 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

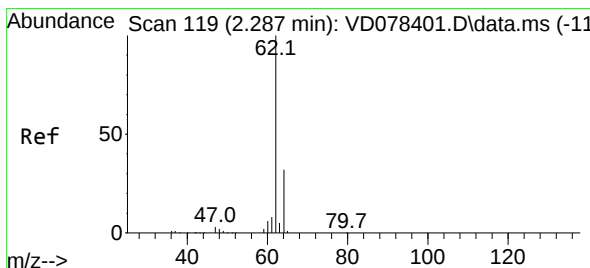
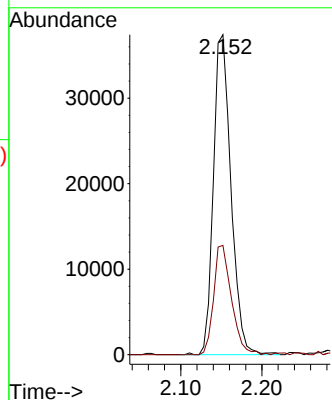
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 5627
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0

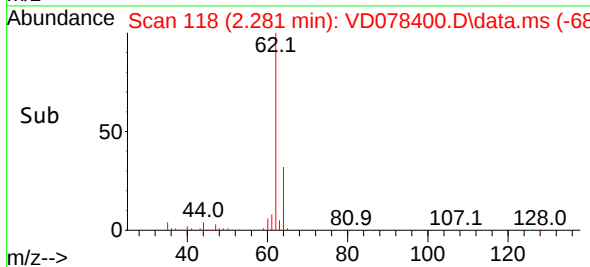
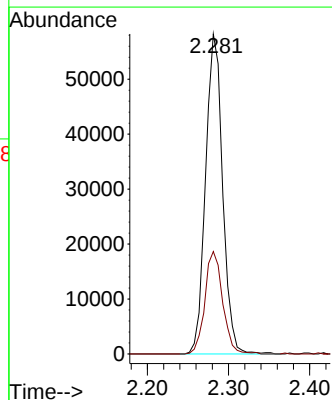
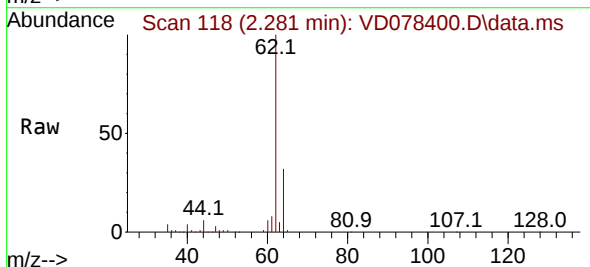
Manual Integrations
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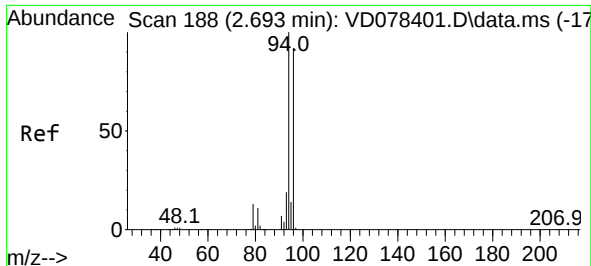
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#4
Vinyl Chloride
Concen: 21.404 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

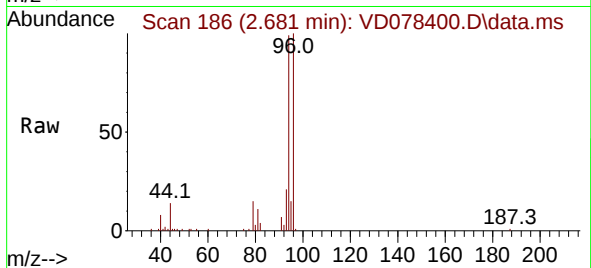
Tgt Ion: 62 Resp: 84812
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0





#5
Bromomethane
Concen: 20.414 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

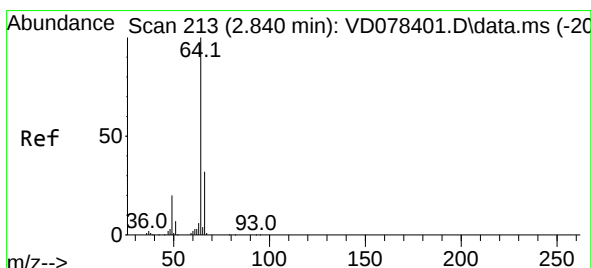
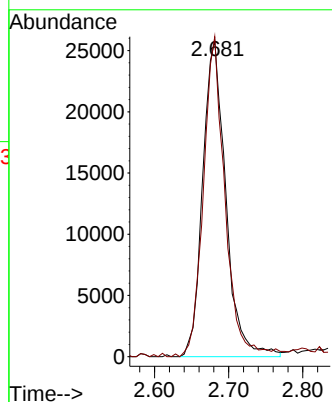
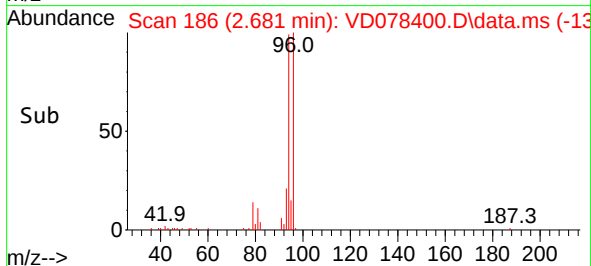
Instrument :
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Tgt Ion: 94 Resp: 5583
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.8

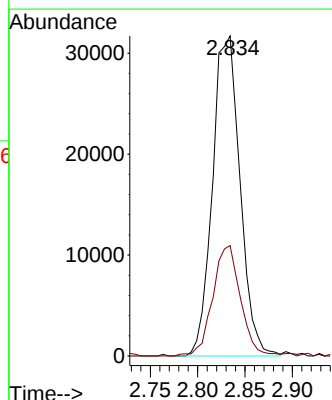
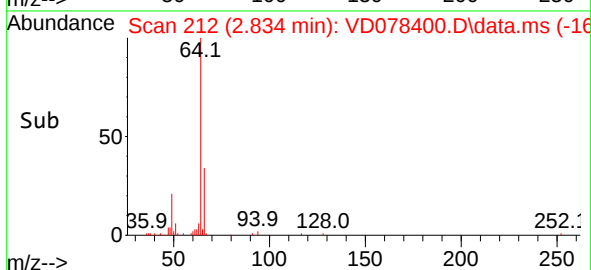
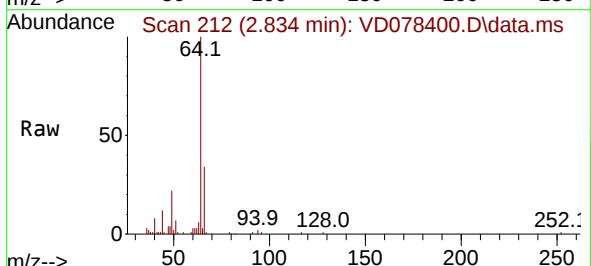
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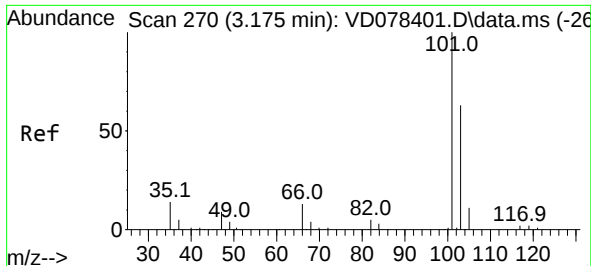
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#6
Chloroethane
Concen: 22.215 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

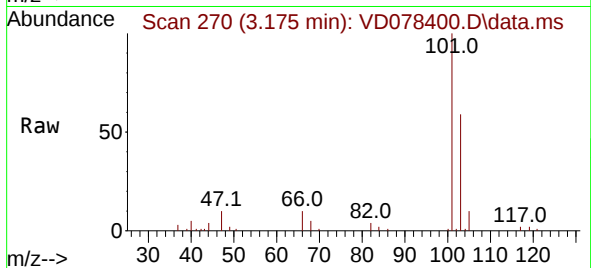
Tgt Ion: 64 Resp: 64186
Ion Ratio Lower Upper
64 100
66 34.0 25.5 38.3





#7
Trichlorofluoromethane
Concen: 21.312 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

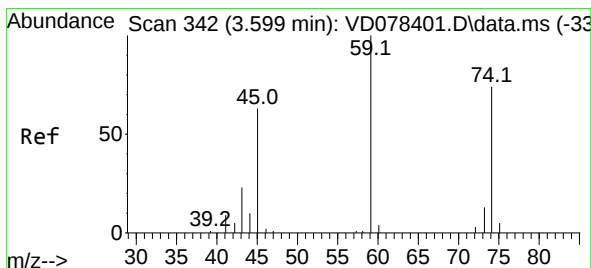
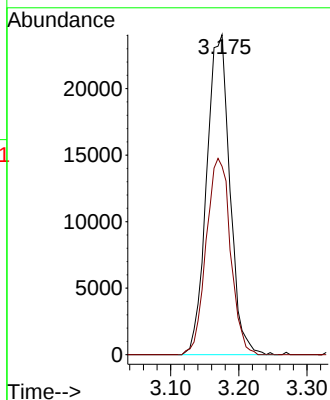
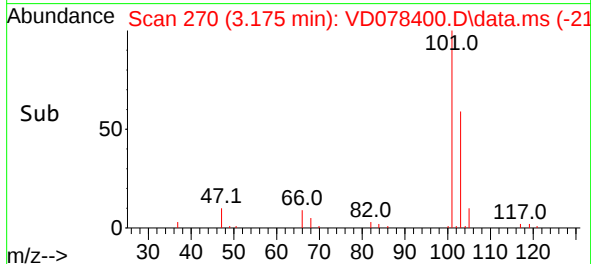
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:101 Resp: 5696
Ion Ratio Lower Upper
101 100
103 58.8 52.3 78.5

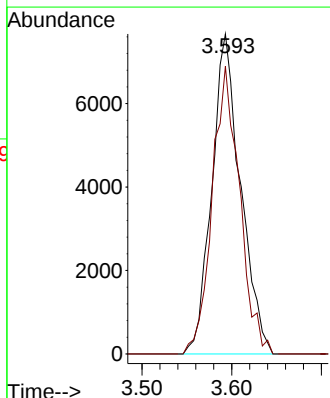
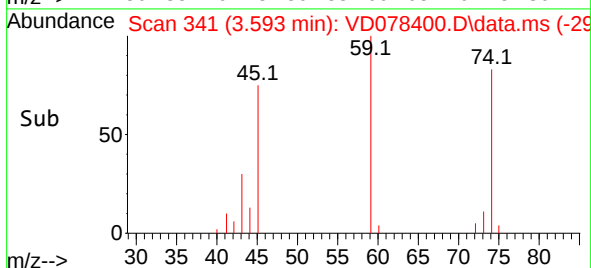
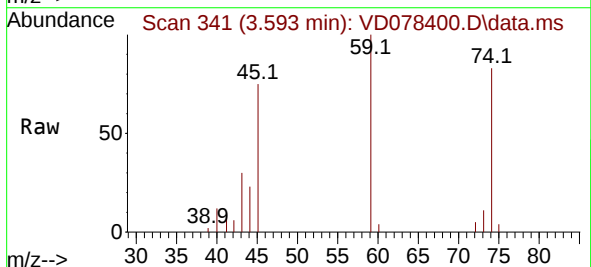
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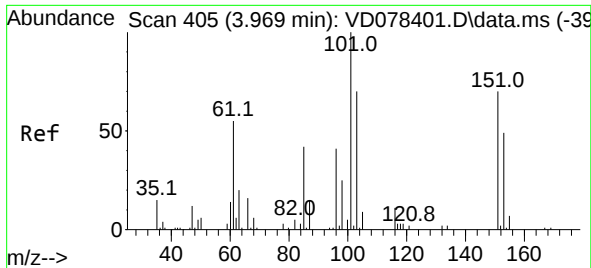
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#8
Diethyl Ether
Concen: 22.127 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 17035
Ion Ratio Lower Upper
74 100
45 86.0 37.5 112.7





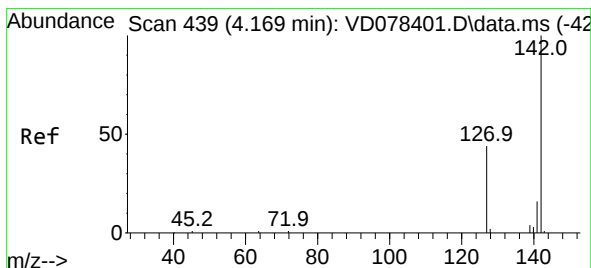
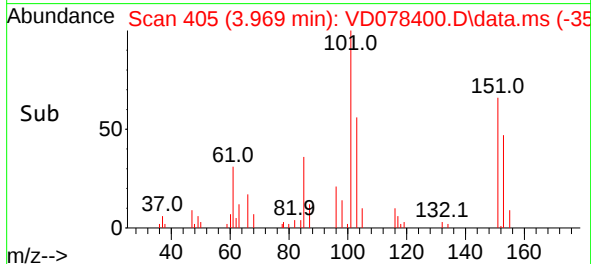
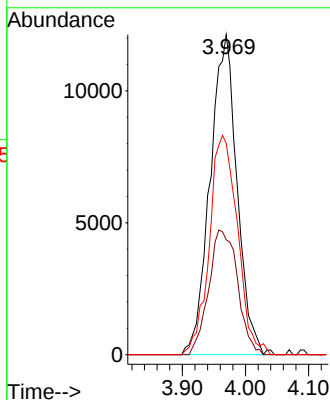
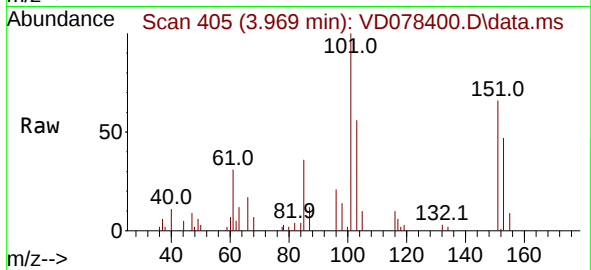
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.372 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD078400.D
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VSTDIC020

Tgt Ion:101 Resp: 36038
Ion Ratio Lower Upper
101 100
85 41.5 33.8 50.6
151 71.5 59.8 89.6

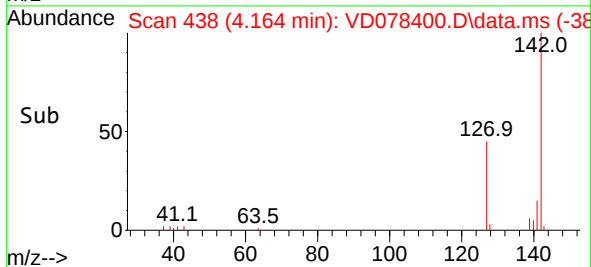
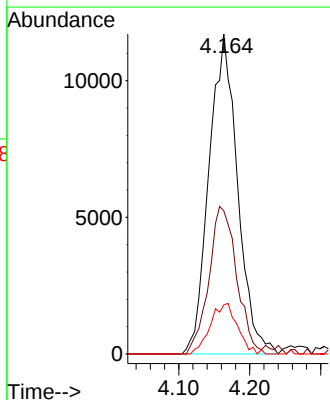
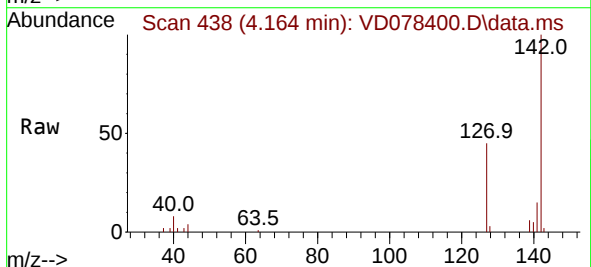
Manual Integrations
APPROVED

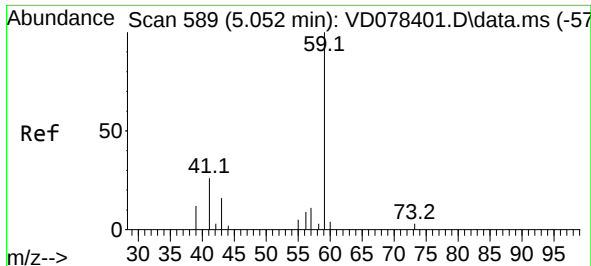
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#10
Methyl Iodide
Concen: 21.627 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

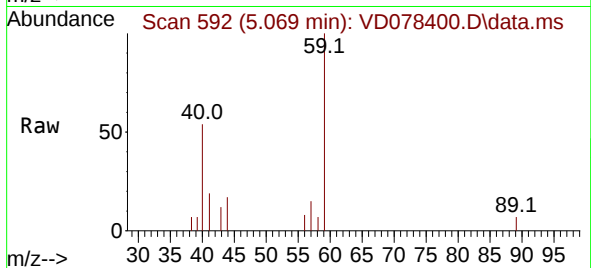
Tgt Ion:142 Resp: 32663
Ion Ratio Lower Upper
142 100
127 44.8 29.4 44.0#
141 15.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 125.435 ug/l
RT: 5.069 min Scan# 592
Delta R.T. 0.017 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

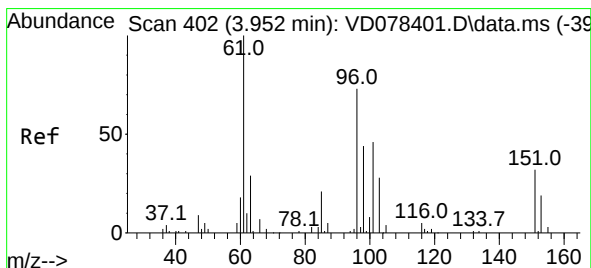
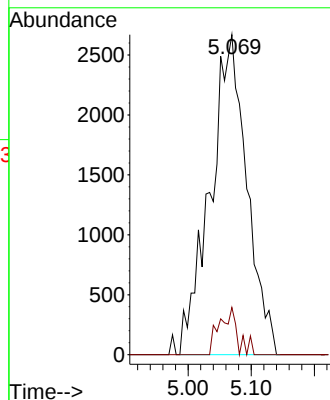
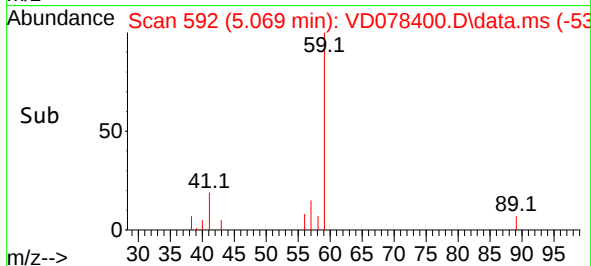
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



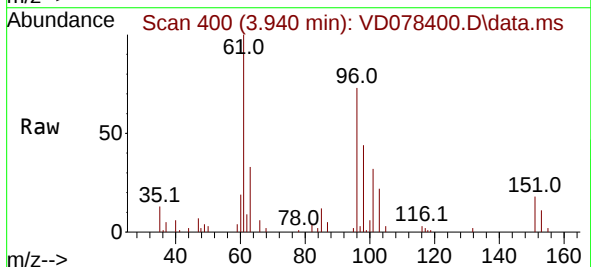
Tgt Ion: 59 Resp: 10778
Ion Ratio Lower Upper
59 100
57 7.3 7.8 11.8

Manual Integrations
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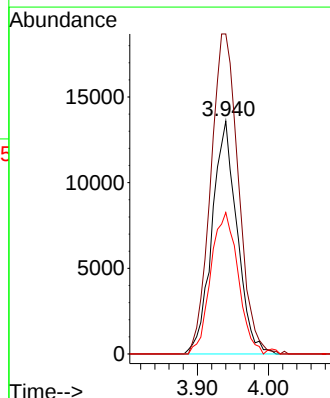
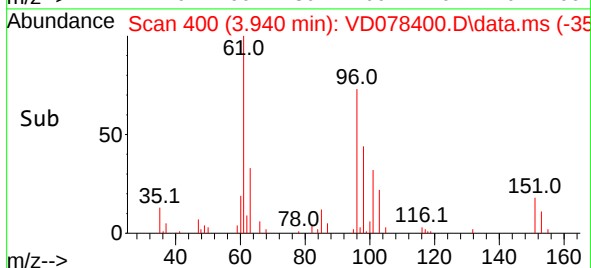
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

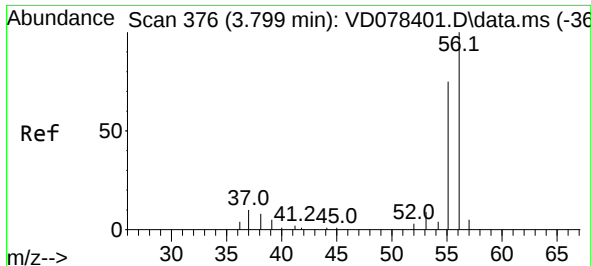


#12
1,1-Dichloroethene
Concen: 21.267 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26



Tgt Ion: 96 Resp: 33247
Ion Ratio Lower Upper
96 100
61 137.5 100.6 150.8
98 60.8 50.2 75.2





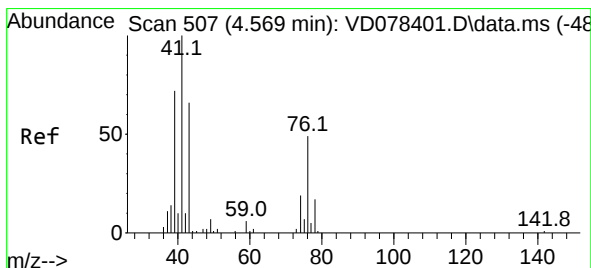
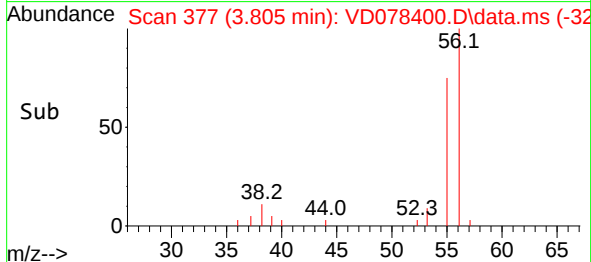
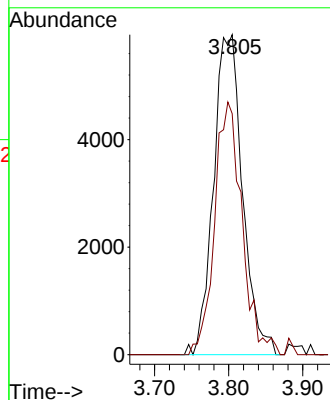
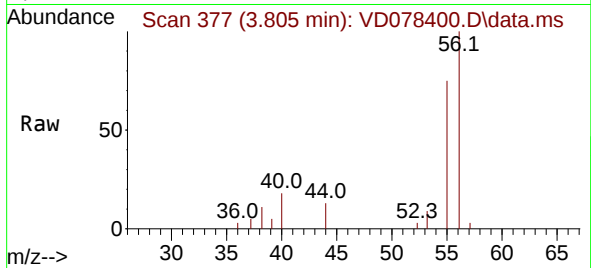
#13
Acrolein
Concen: 112.938 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 16178
Ion Ratio Lower Upper
56 100
55 74.4 55.1 82.7

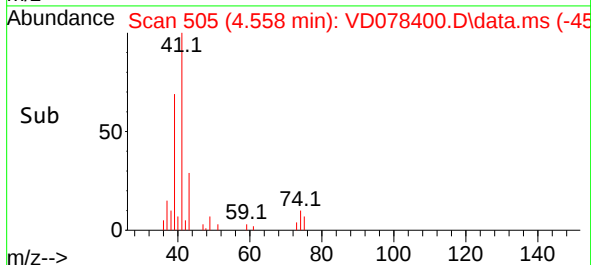
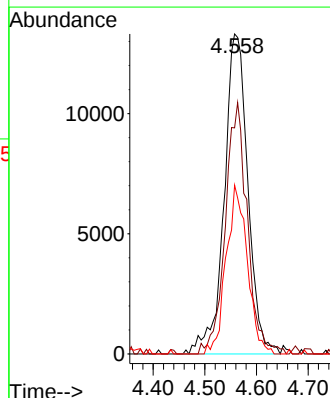
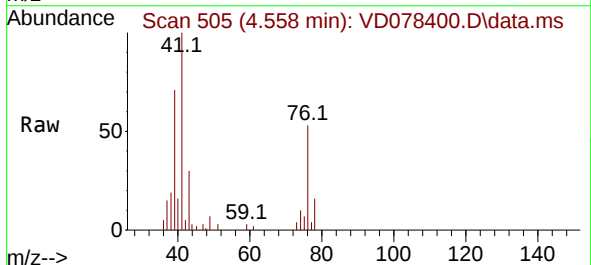
Manual Integrations
APPROVED

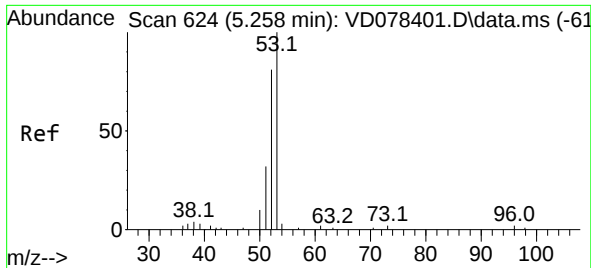
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#14
Allyl chloride
Concen: 21.980 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

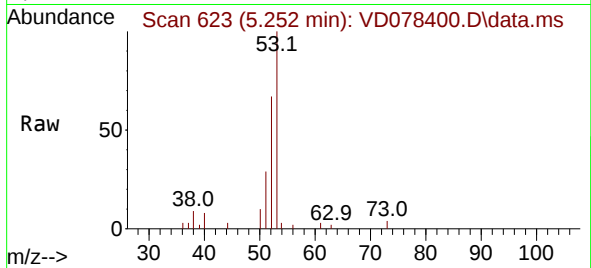
Tgt Ion: 41 Resp: 42450
Ion Ratio Lower Upper
41 100
39 73.0 53.8 80.6
76 47.1 45.8 68.8





#15
Acrylonitrile
Concen: 114.987 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

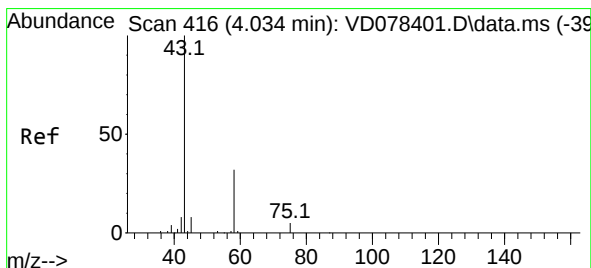
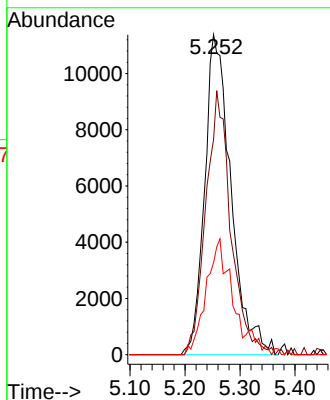
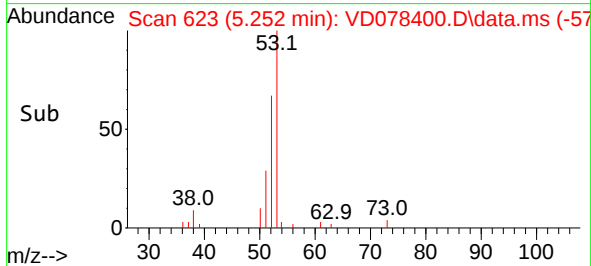
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 3789
Ion Ratio Lower Upper
53 100
52 78.1 65.0 97.4
51 34.2 28.3 42.5

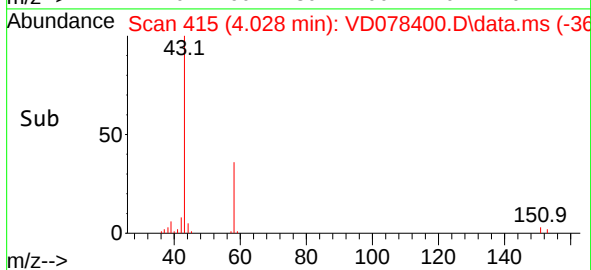
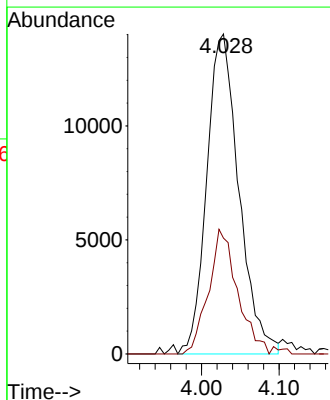
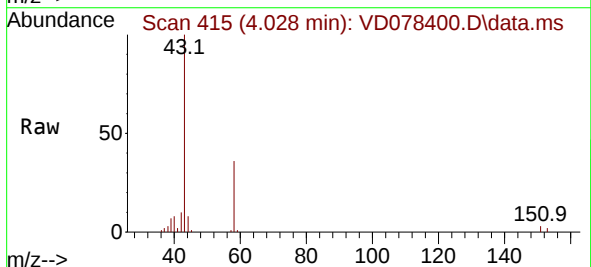
Manual Integrations
APPROVED

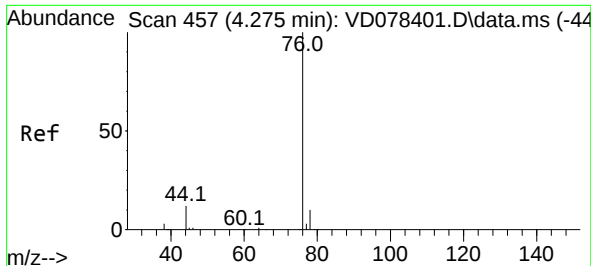
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#16
Acetone
Concen: 121.299 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

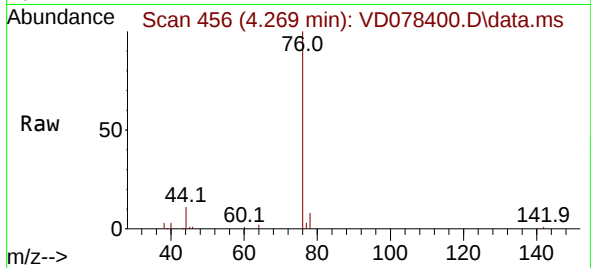
Tgt Ion: 43 Resp: 40453
Ion Ratio Lower Upper
43 100
58 36.2 34.7 52.1





#17
Carbon Disulfide
Concen: 21.894 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

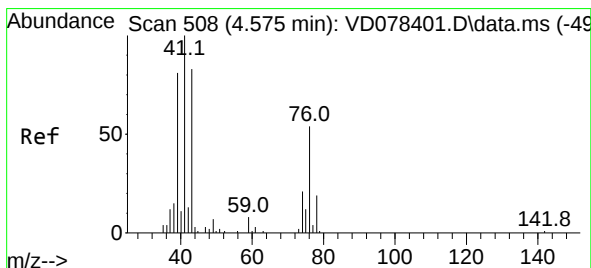
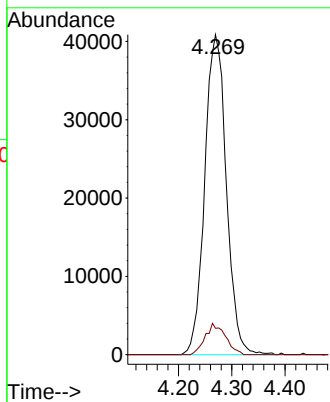
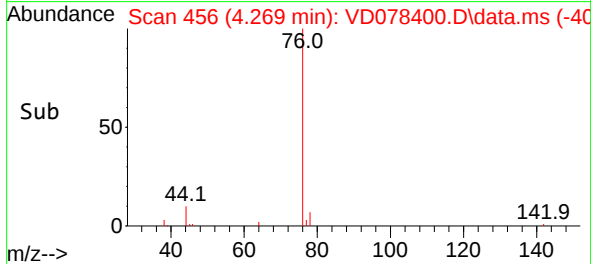
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 11517
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2

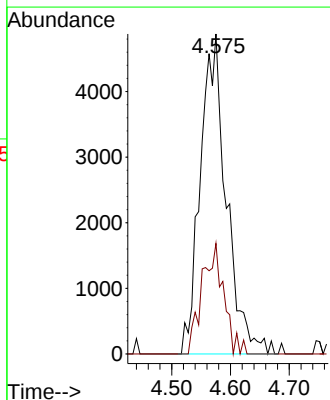
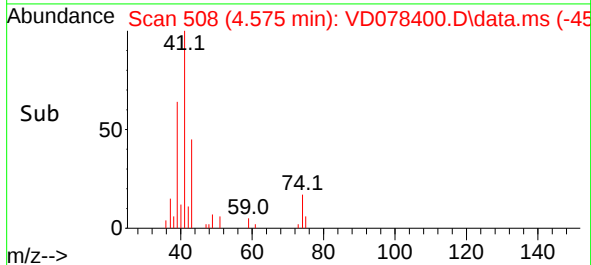
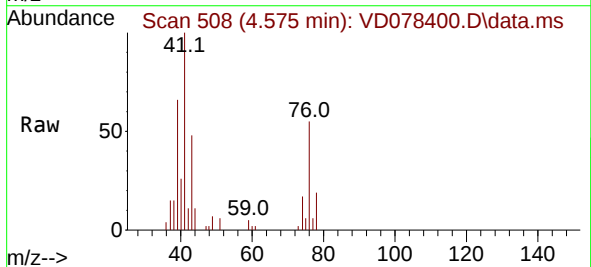
Manual Integrations
APPROVED

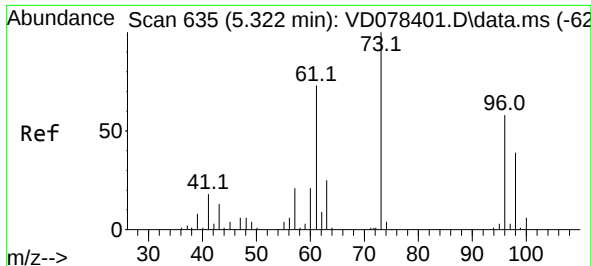
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#18
Methyl Acetate
Concen: 16.460 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 43 Resp: 14995
Ion Ratio Lower Upper
43 100
74 28.9 26.4 39.6





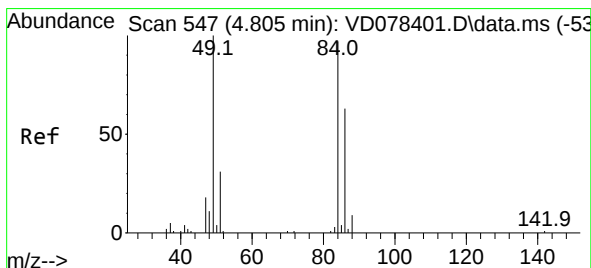
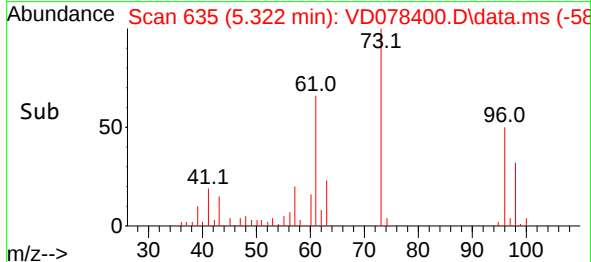
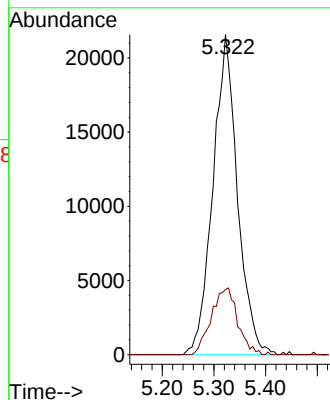
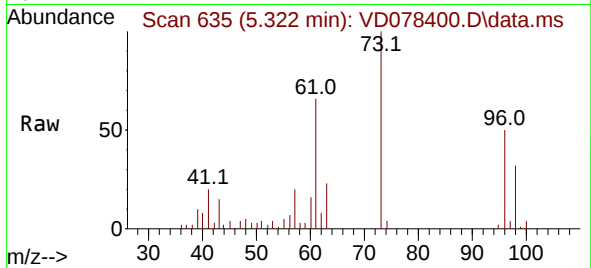
#19
Methyl tert-butyl Ether
Concen: 21.394 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 71058
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0

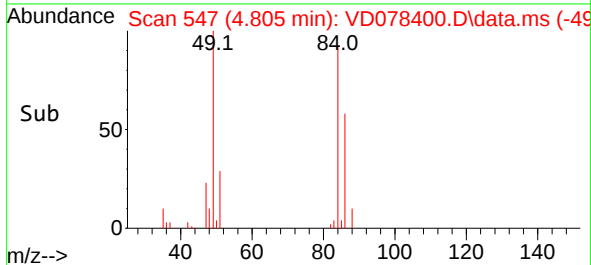
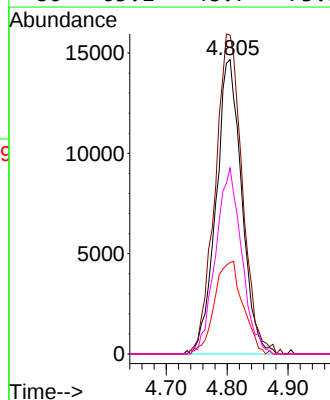
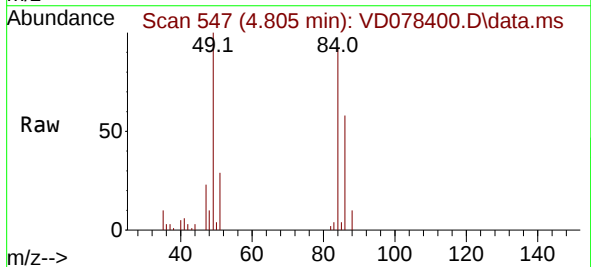
Manual Integrations
APPROVED

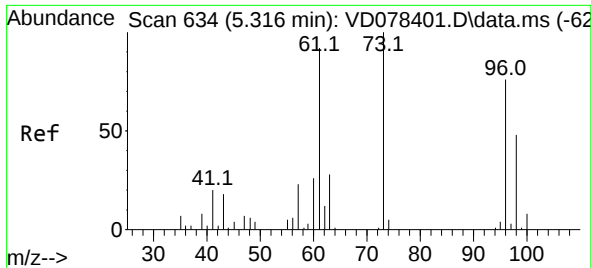
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#20
Methylene Chloride
Concen: 22.794 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

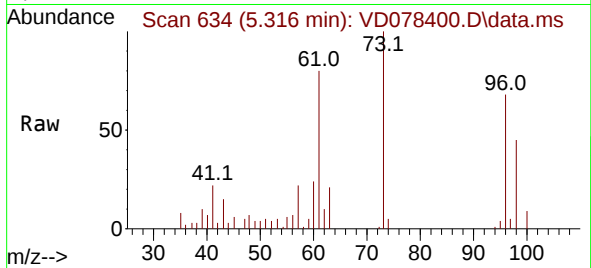
Tgt Ion: 84 Resp: 42990
Ion Ratio Lower Upper
84 100
49 108.3 71.4 107.2#
51 31.1 24.5 36.7
86 63.1 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 21.348 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

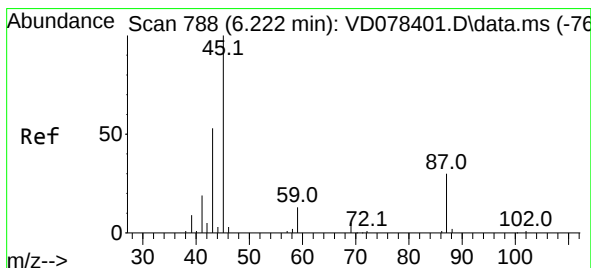
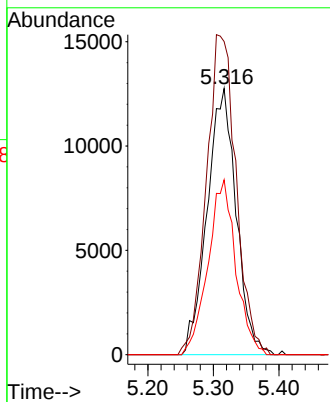
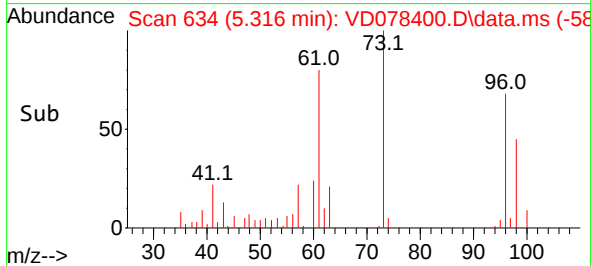
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 3926
Ion Ratio Lower Upper
96 100
61 117.6 89.3 133.9
98 65.7 48.6 73.0

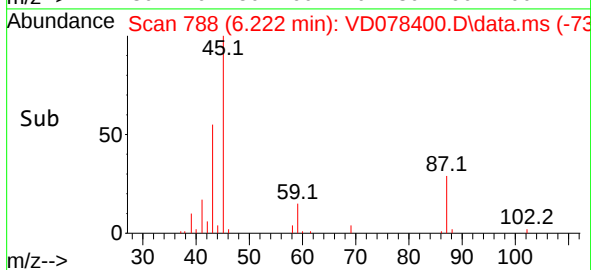
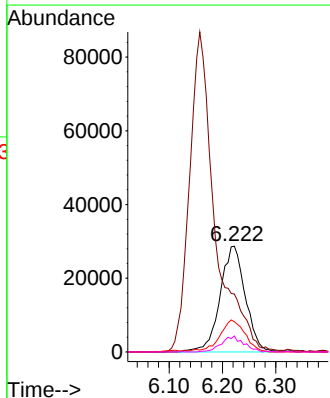
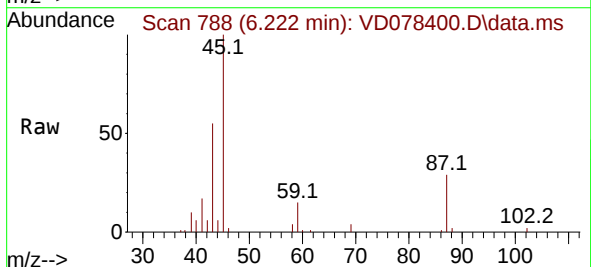
Manual Integrations
APPROVED

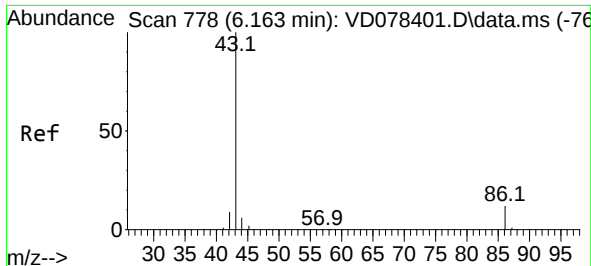
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#22
Diisopropyl ether
Concen: 22.200 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 45 Resp: 94496
Ion Ratio Lower Upper
45 100
43 53.2 40.0 60.0
87 28.7 28.2 42.4
59 15.1 11.0 16.4





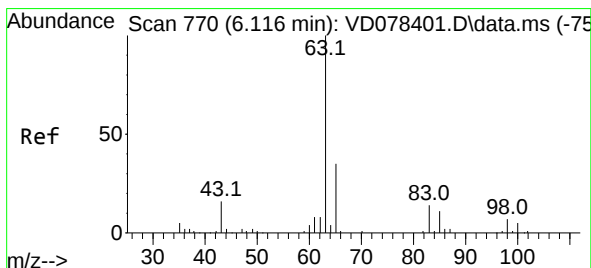
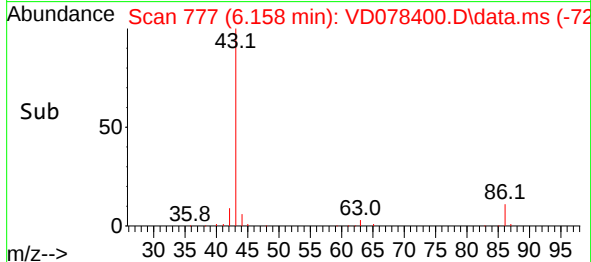
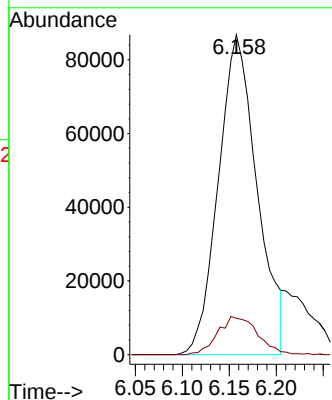
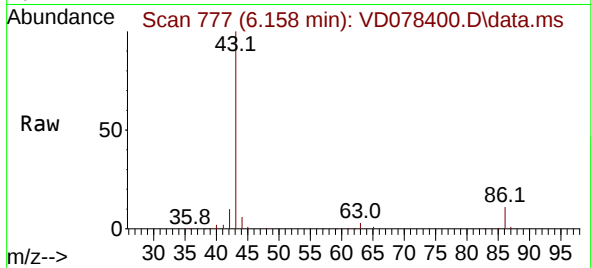
#23
 Vinyl Acetate
 Concen: 129.771 ug/l m
 RT: 6.158 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078400.D
 Acq: 13 Feb 2024 11:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 24878
 Ion Ratio Lower Upper
 43 100
 86 11.4 12.5 18.7

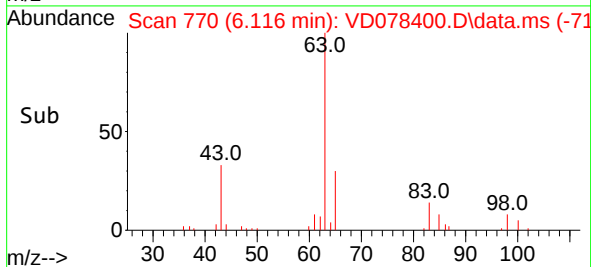
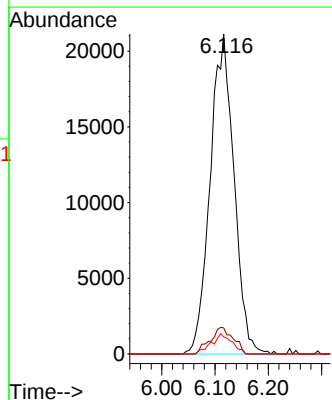
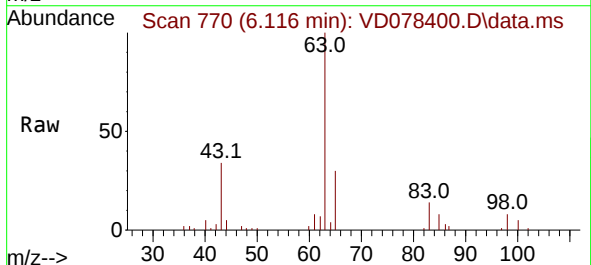
Manual Integrations
 APPROVED

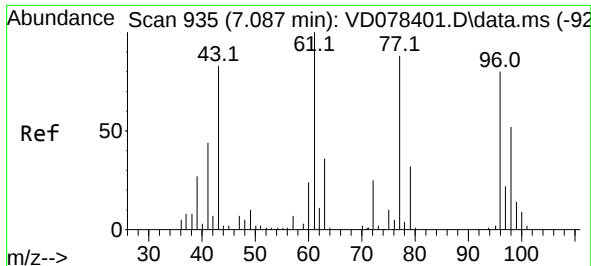
Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024



#24
 1,1-Dichloroethane
 Concen: 21.768 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078400.D
 Acq: 13 Feb 2024 11:26

Tgt Ion: 63 Resp: 65639
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.5 13.7
 100 5.4 2.5 7.5





#25

2-Butanone

Concen: 124.285 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 5185

Ion Ratio Lower Upper

43 100

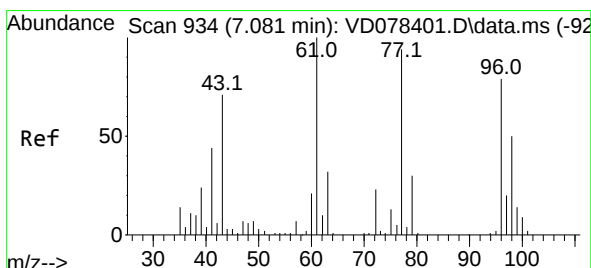
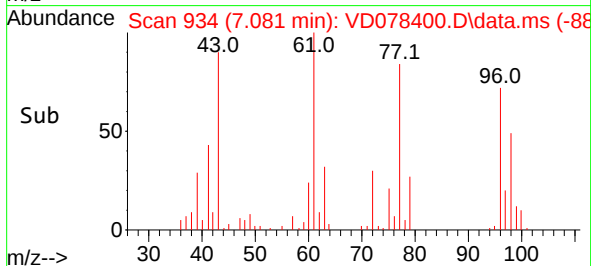
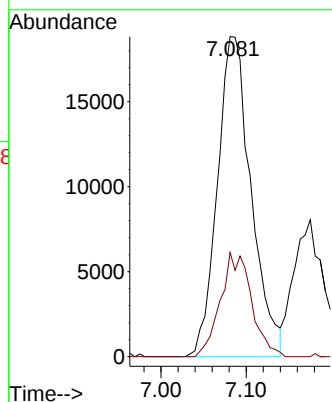
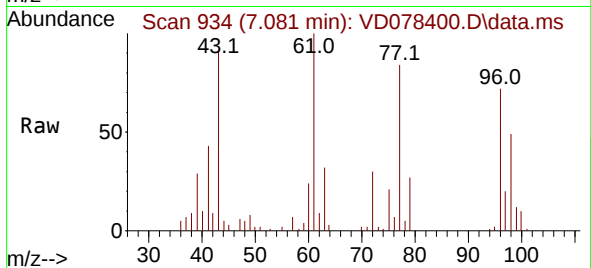
72 32.5 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#26

2,2-Dichloropropane

Concen: 21.237 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.012 min

Lab File: VD078400.D

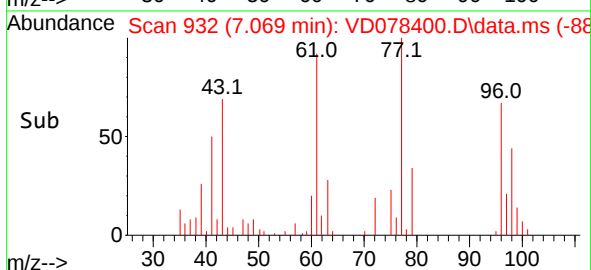
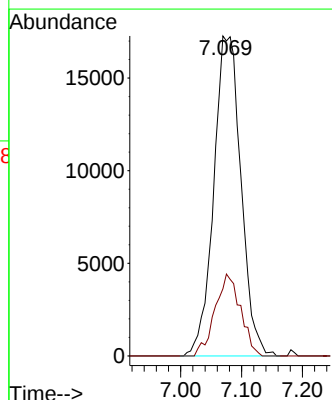
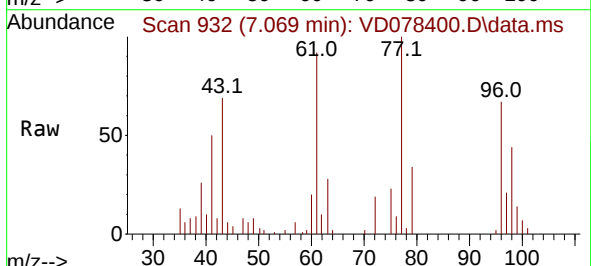
Acq: 13 Feb 2024 11:26

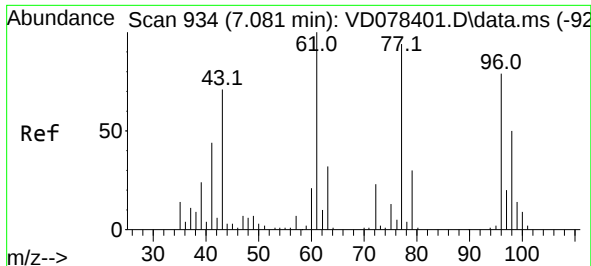
Tgt Ion: 77 Resp: 53685

Ion Ratio Lower Upper

77 100

97 23.9 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 21.093 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 42560

Ion Ratio Lower Upper

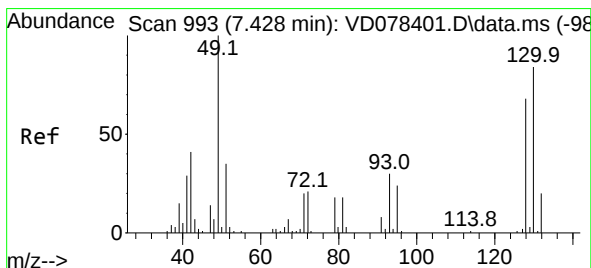
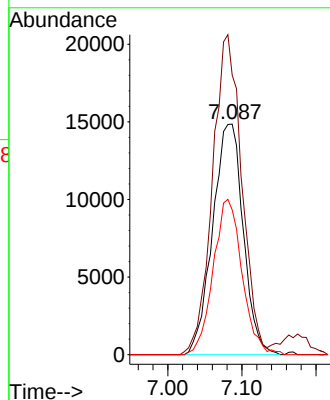
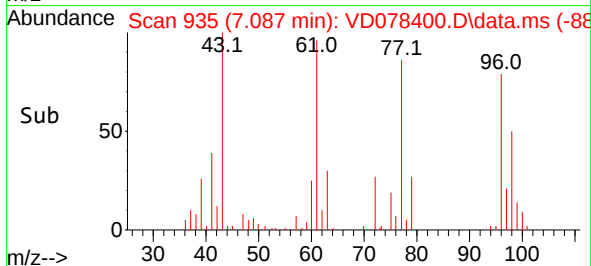
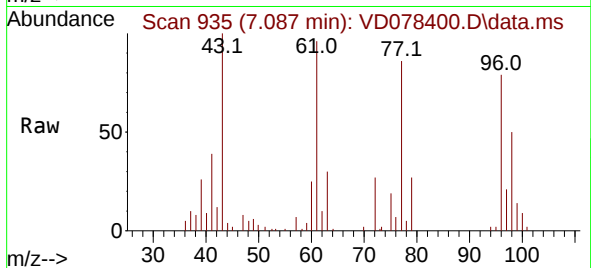
96 100

61 132.6 0.0 239.2

98 63.7 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

#28

Bromochloromethane

Concen: 23.929 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

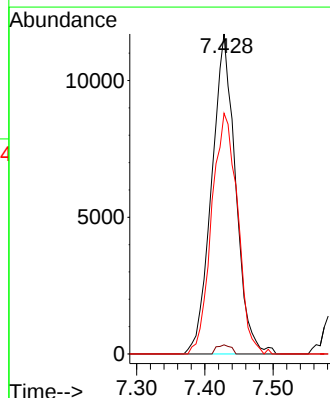
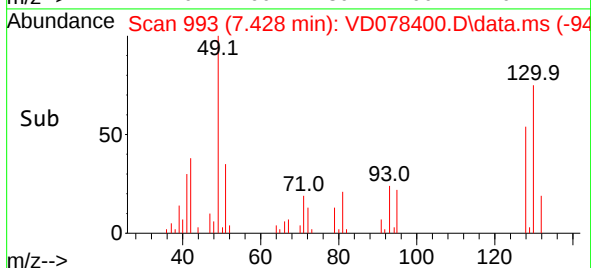
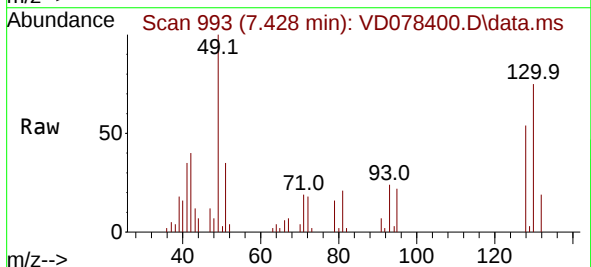
Tgt Ion: 49 Resp: 28580

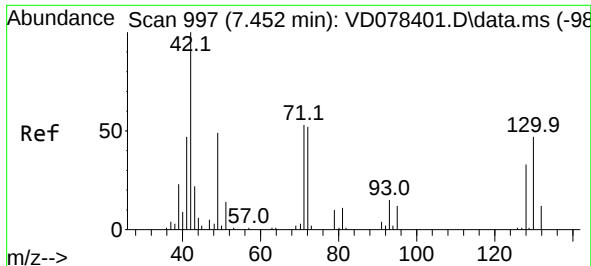
Ion Ratio Lower Upper

49 100

129 1.7 0.0 6.0

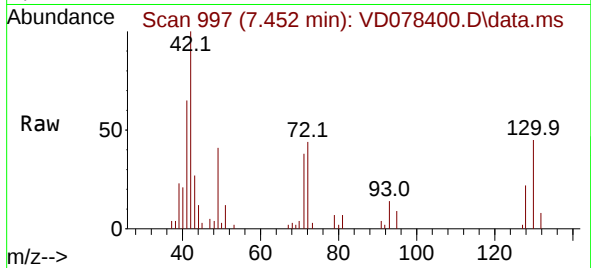
130 81.4 83.2 124.8#





#29
Tetrahydrofuran
Concen: 111.950 ug/l
RT: 7.452 min Scan# 997
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

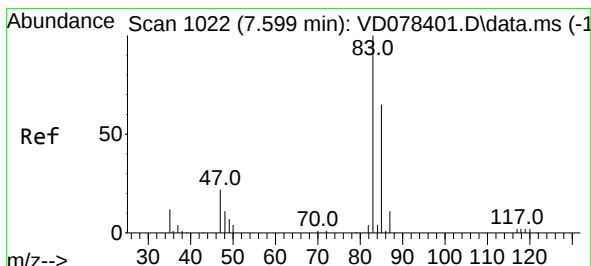
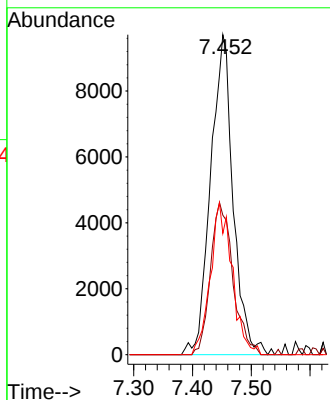
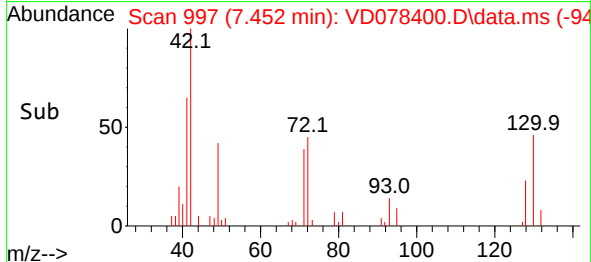
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



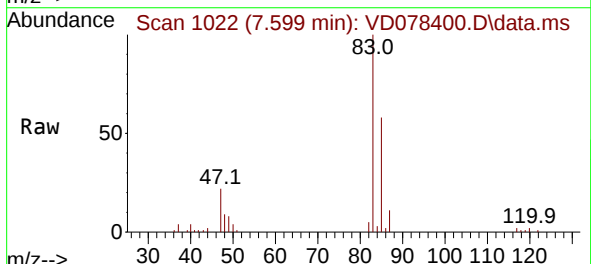
Tgt Ion: 42 Resp: 2581
Ion Ratio Lower Upper
42 100
72 47.5 46.5 69.7
71 45.9 44.5 66.7

Manual Integrations
APPROVED

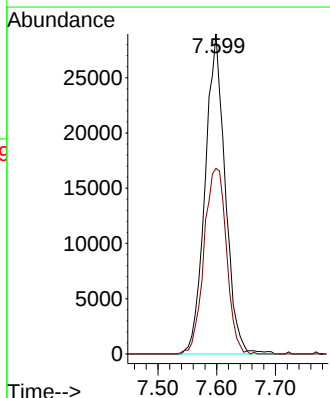
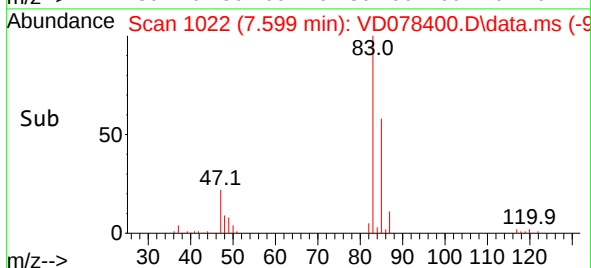
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

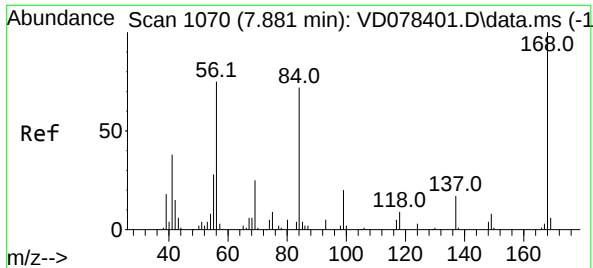


#30
Chloroform
Concen: 21.522 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26



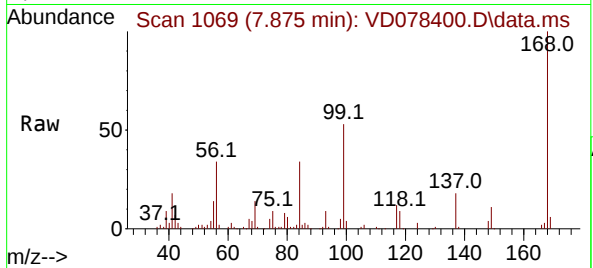
Tgt Ion: 83 Resp: 68666
Ion Ratio Lower Upper
83 100
85 58.0 53.4 80.2





#31
Cyclohexane
Concen: 20.692 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

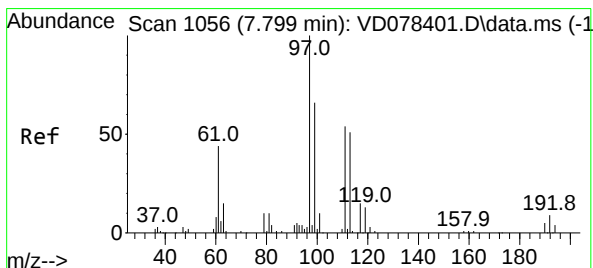
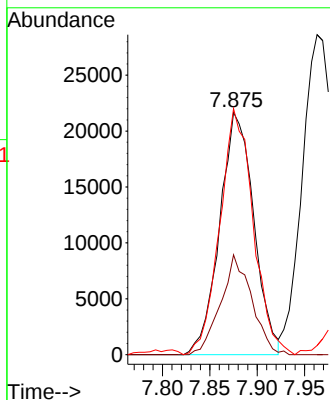
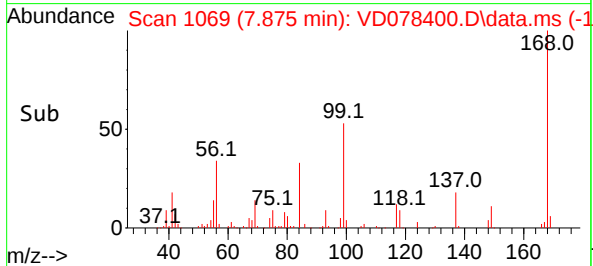
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



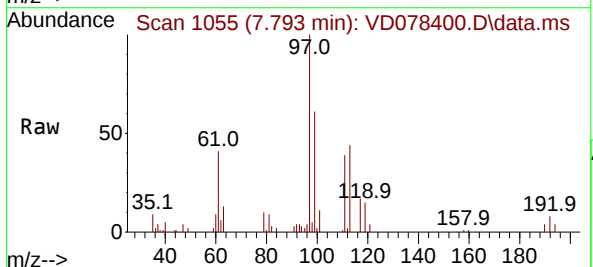
Tgt Ion: 56 Resp: 5427
Ion Ratio Lower Upper
56 100
69 41.2 28.6 43.0
84 100.3 84.8 127.2

Manual Integrations
APPROVED

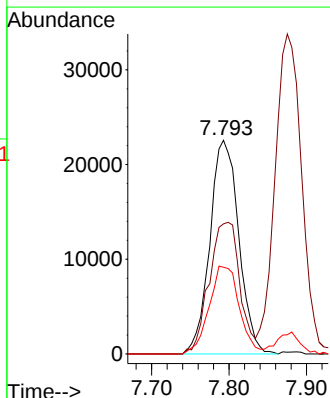
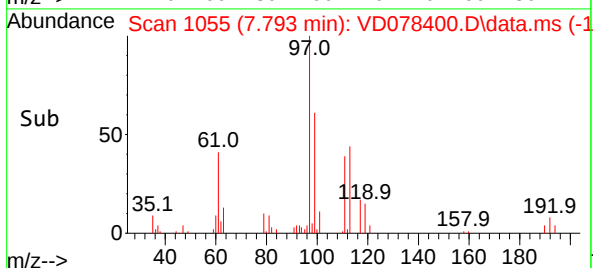
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

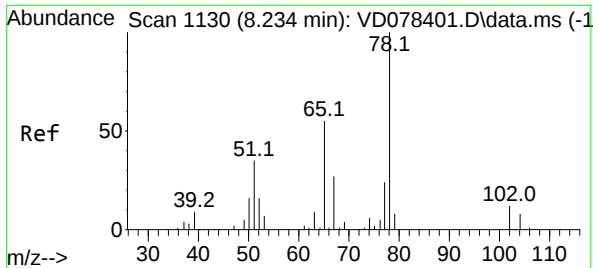


#32
1,1,1-Trichloroethane
Concen: 21.471 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26



Tgt Ion: 97 Resp: 58404
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 42.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 21.848 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 3387

Ion Ratio Lower Upper

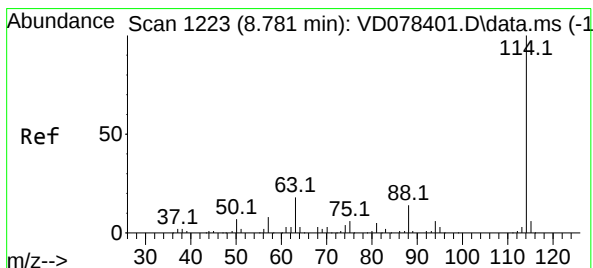
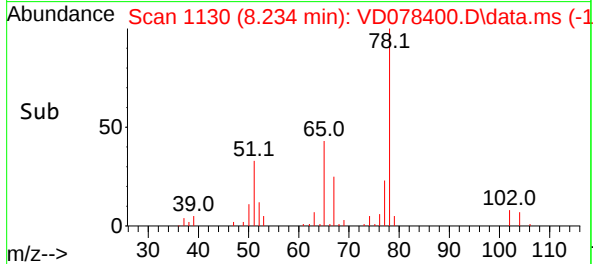
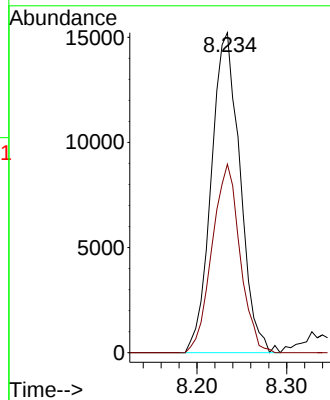
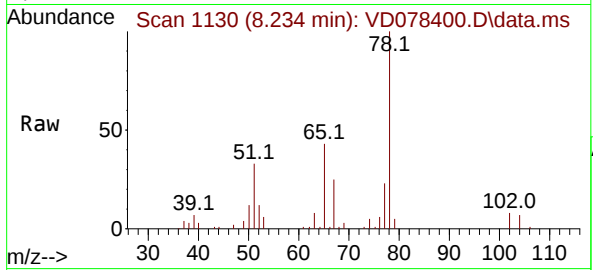
65 100

67 57.2 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

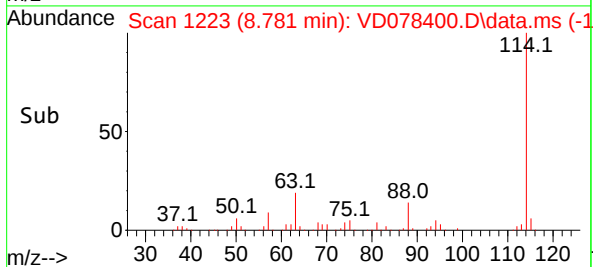
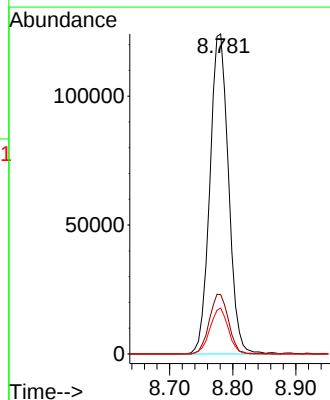
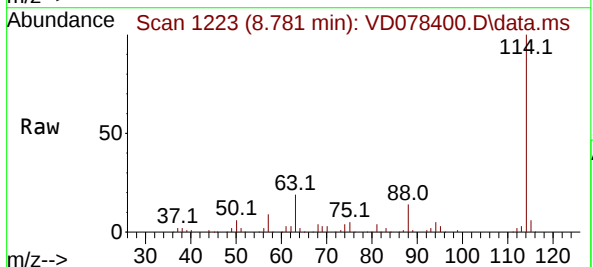
Tgt Ion:114 Resp: 254345

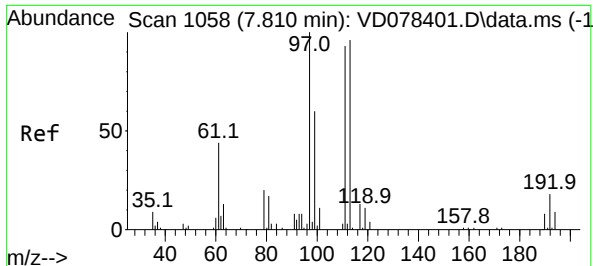
Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 14.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 21.837 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

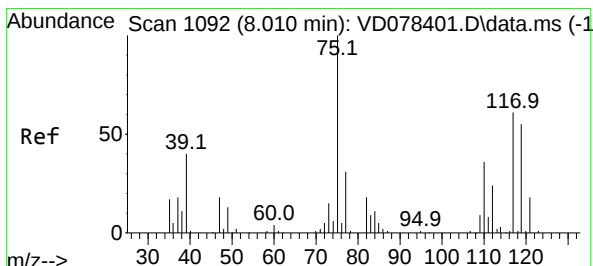
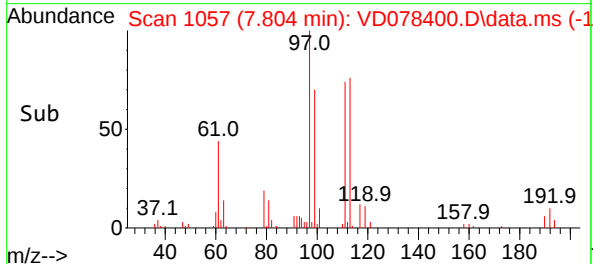
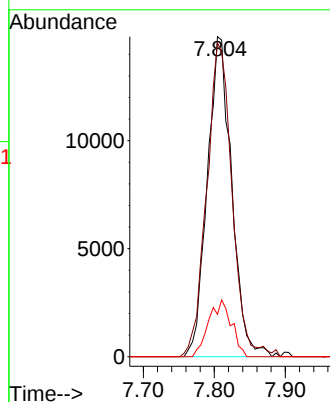
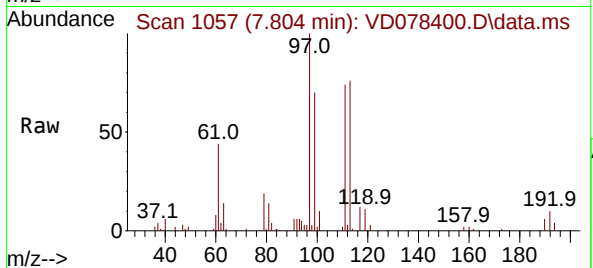
Tgt Ion:113 Resp: 3528

Ion	Ratio	Lower	Upper
113	100		
111	102.1	84.7	127.1
192	16.6	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#36

1,1-Dichloropropene

Concen: 21.285 ug/l

RT: 8.010 min Scan# 1092

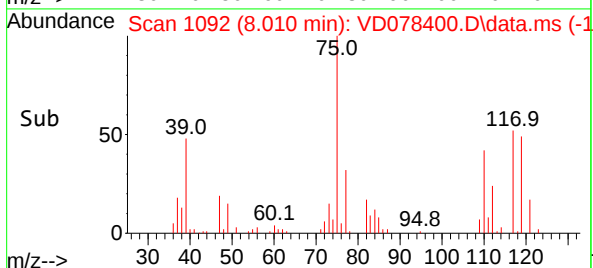
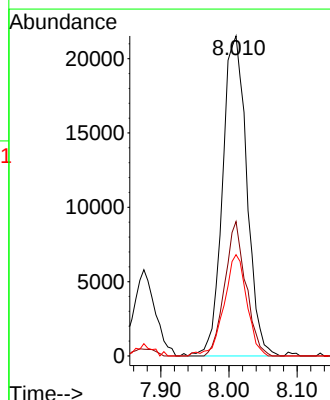
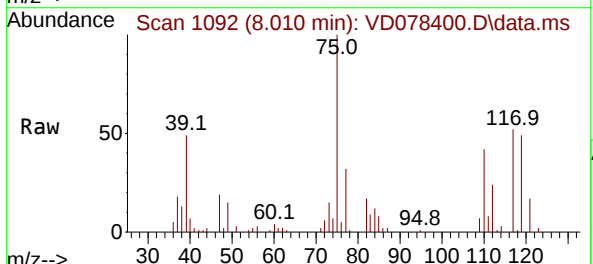
Delta R.T. -0.000 min

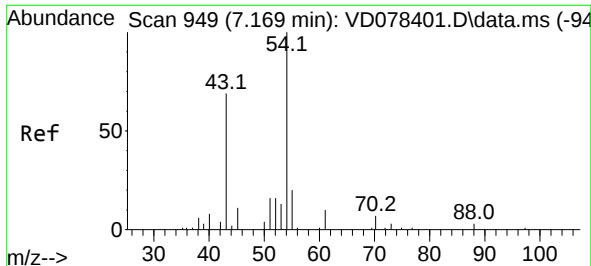
Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Tgt Ion: 75 Resp: 53422

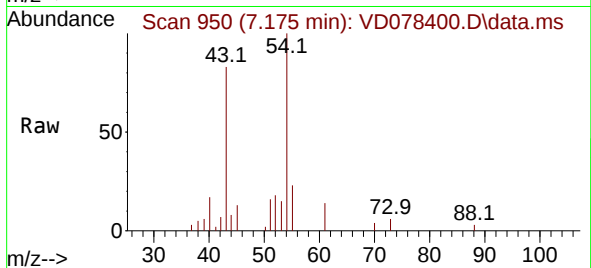
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.9	59.6
77	29.7	24.7	37.1





#37
Ethyl Acetate
Concen: 23.475 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

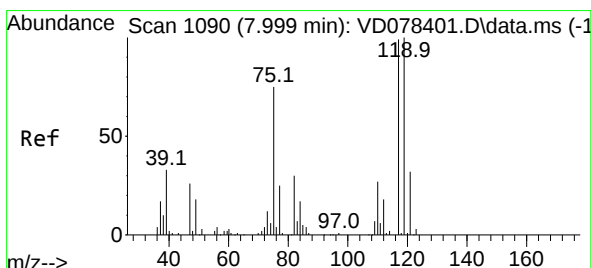
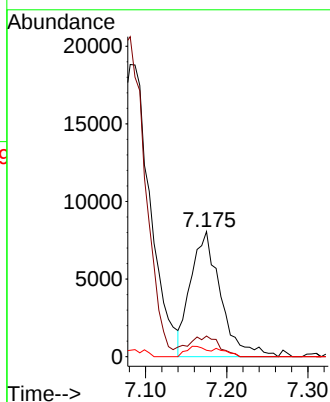
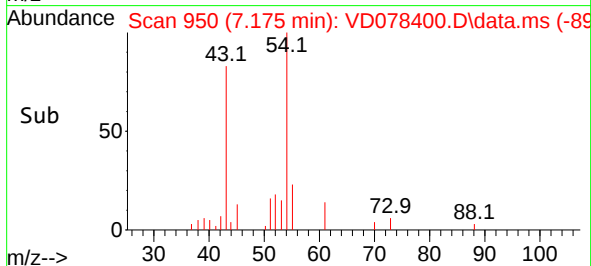
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 20654
Ion Ratio Lower Upper
43 100
61 17.6 14.9 22.3
70 5.8 10.0 15.0

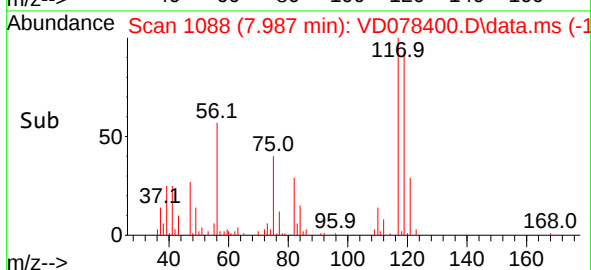
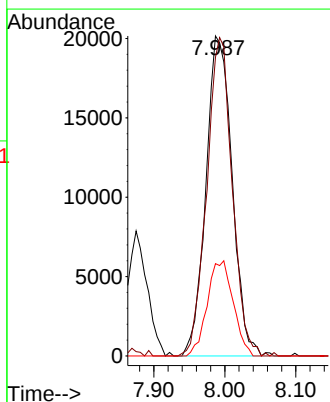
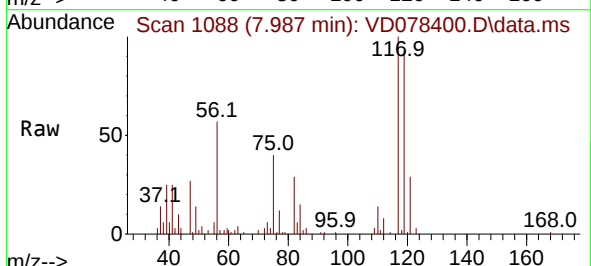
Manual Integrations
APPROVED

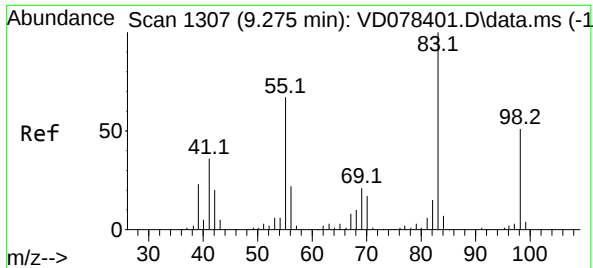
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#38
Carbon Tetrachloride
Concen: 20.848 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion:117 Resp: 51820
Ion Ratio Lower Upper
117 100
119 93.4 78.0 117.0
121 28.9 24.2 36.2





#39

Methylcyclohexane

Concen: 19.931 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

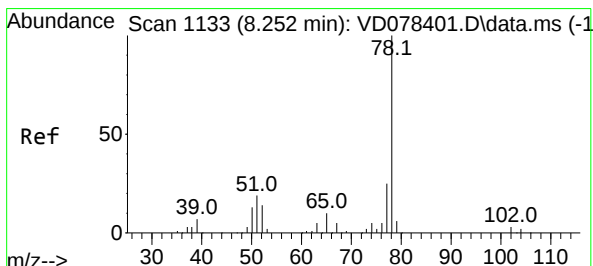
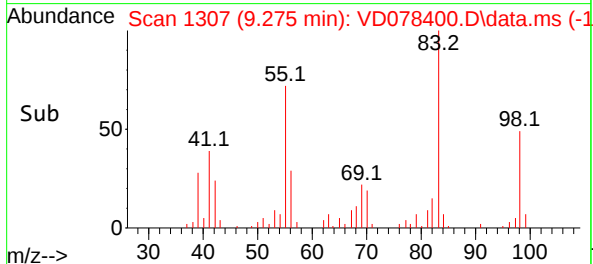
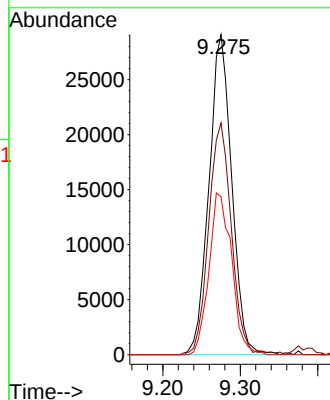
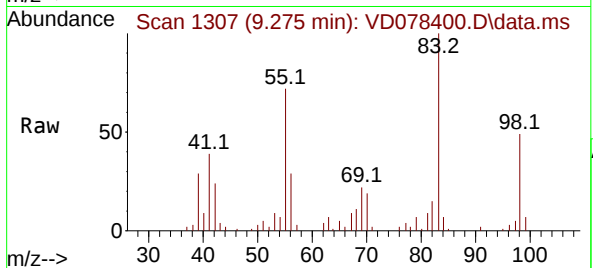
VSTDICC020

Tgt Ion: 83	Resp: 5938
Ion Ratio	Lower Upper
83 100	
55 72.4	49.4 74.0
98 49.4	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#40

Benzene

Concen: 21.215 ug/l

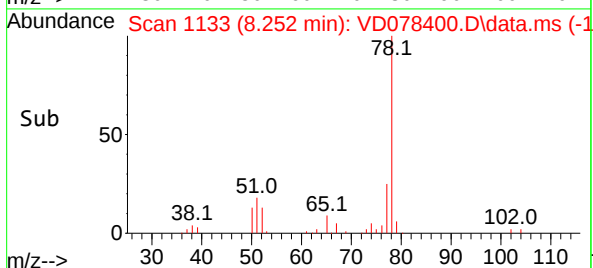
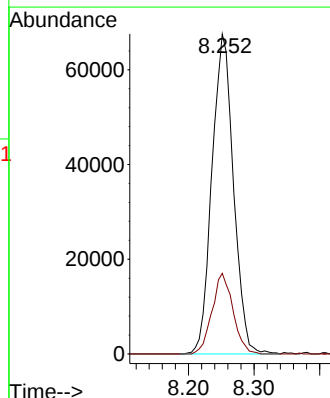
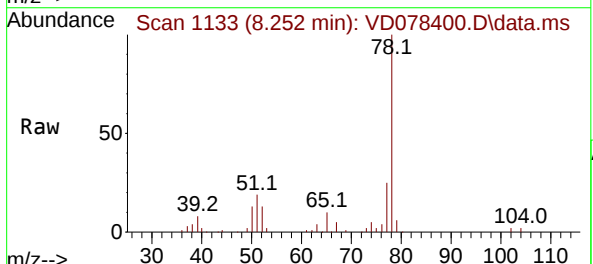
RT: 8.252 min Scan# 1133

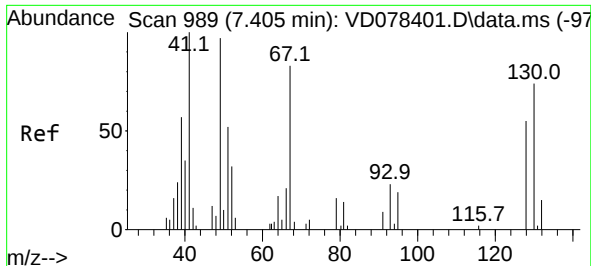
Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Tgt Ion: 78	Resp: 153908
Ion Ratio	Lower Upper
78 100	
77 25.2	19.4 29.0





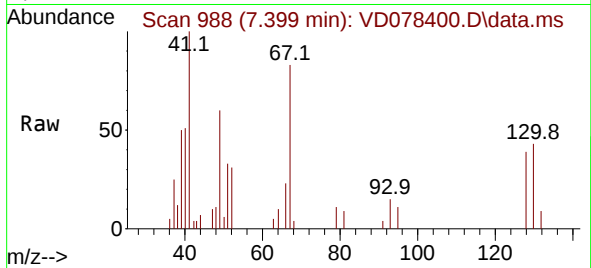
#41
Methacrylonitrile
Concen: 20.832 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

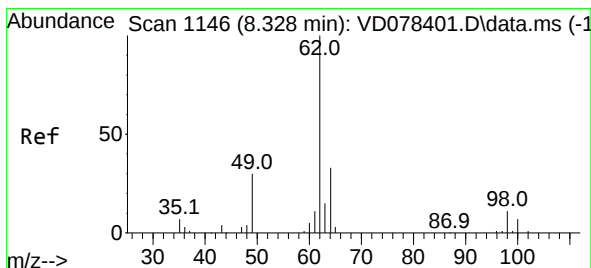
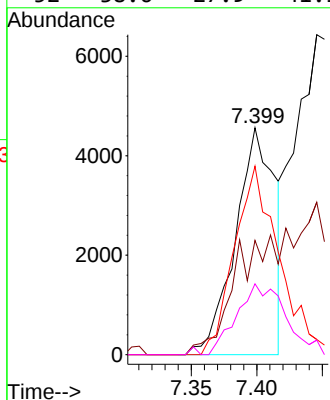
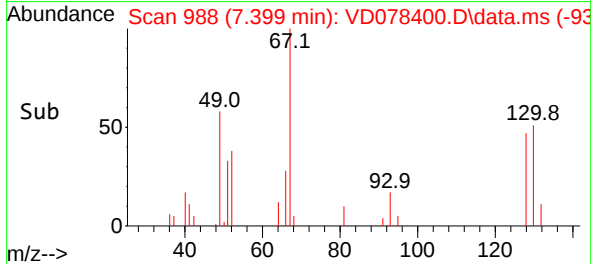


Tgt Ion: 41 Resp: 9539
Ion Ratio Lower Upper
41 100
39 57.3 34.0 51.0
67 94.4 77.0 115.4
52 38.6 27.9 41.9

Manual Integrations

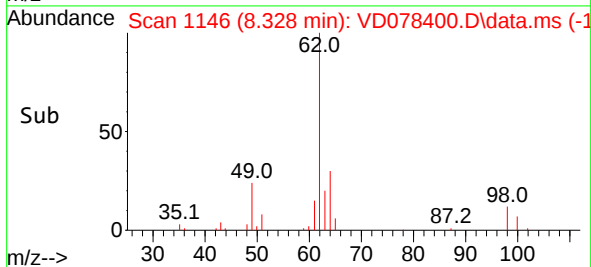
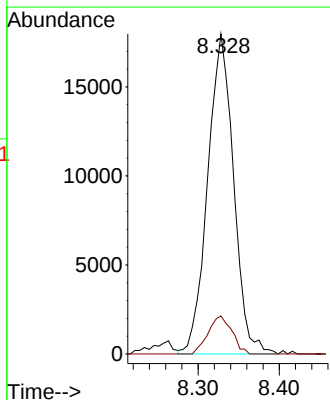
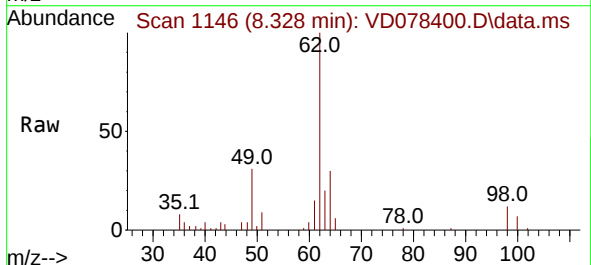
APPROVED

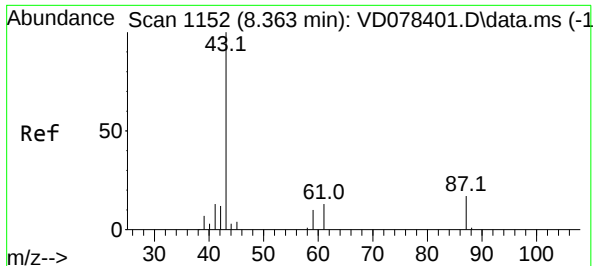
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#42
1,2-Dichloroethane
Concen: 21.260 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

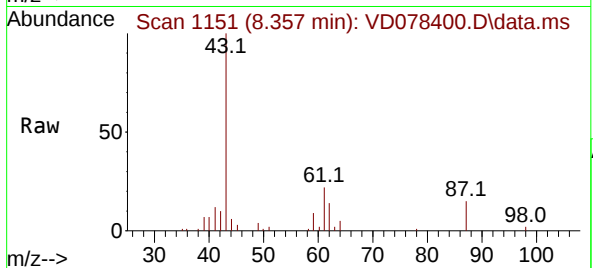
Tgt Ion: 62 Resp: 39908
Ion Ratio Lower Upper
62 100
98 10.9 0.0 25.4





#43
Isopropyl Acetate
Concen: 22.368 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

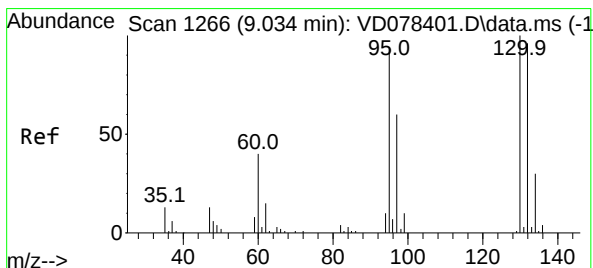
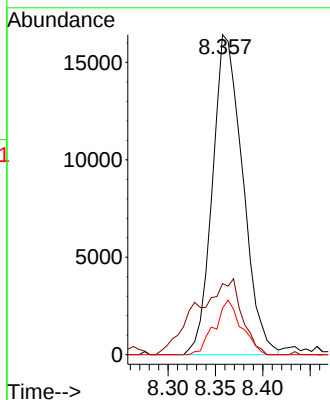
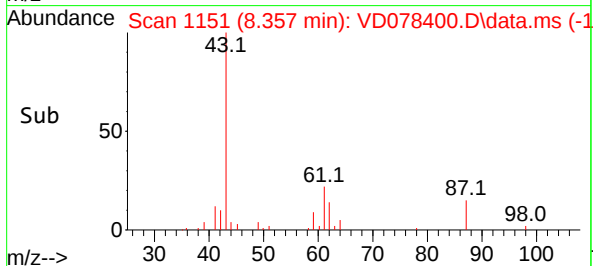
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



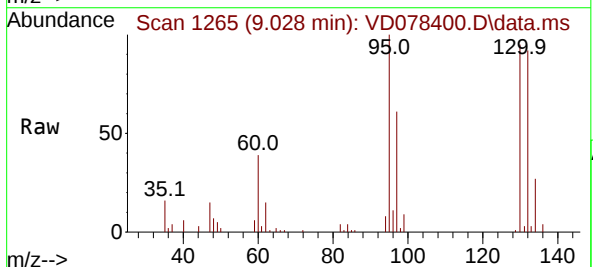
Tgt Ion: 43 Resp: 3644
Ion Ratio Lower Upper
43 100
61 35.3 31.4 47.0
87 15.2 14.9 22.3

Manual Integrations
APPROVED

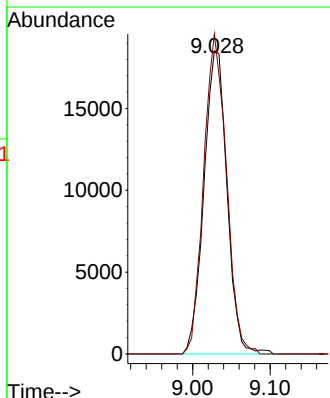
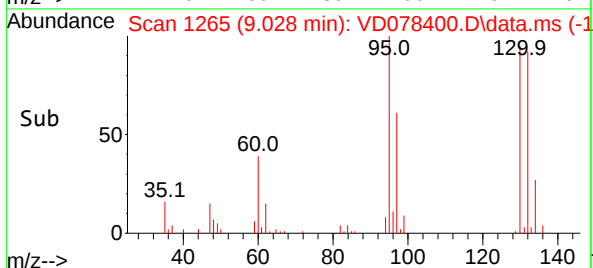
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

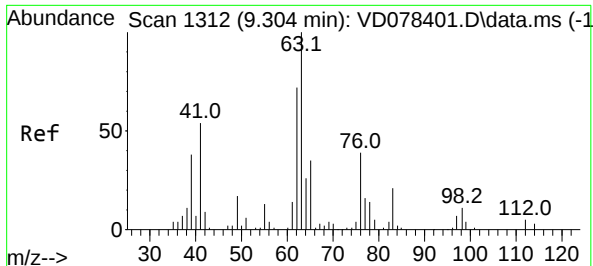


#44
Trichloroethene
Concen: 20.748 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26



Tgt Ion:130 Resp: 38401
Ion Ratio Lower Upper
130 100
95 105.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.334 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 39754

Ion Ratio Lower Upper

63 100

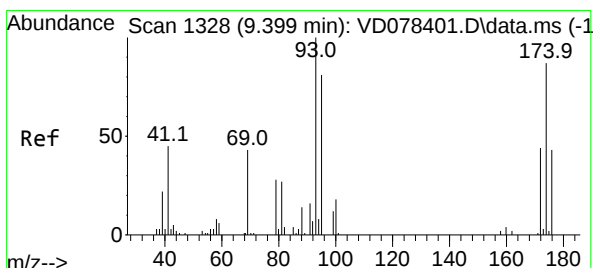
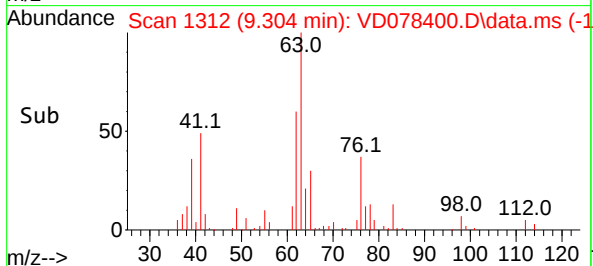
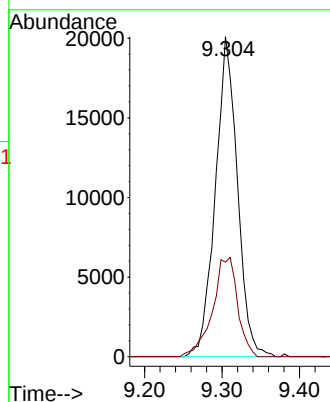
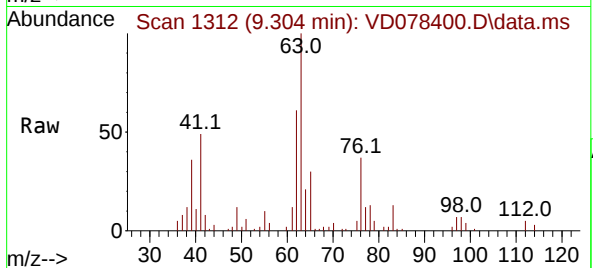
65 29.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#46

Dibromomethane

Concen: 21.109 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

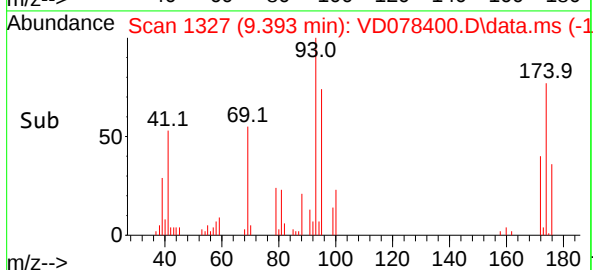
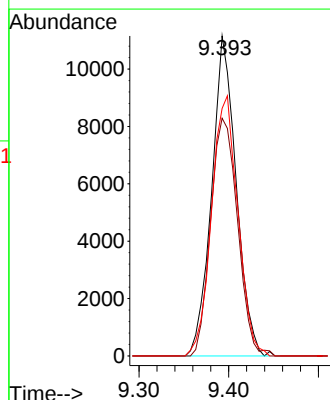
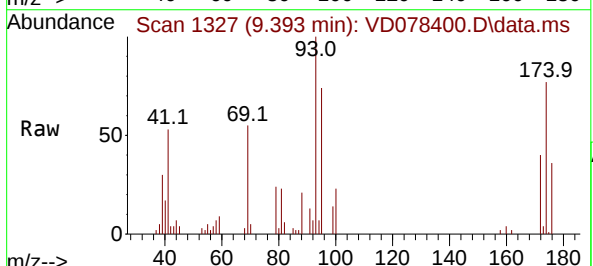
Tgt Ion: 93 Resp: 21134

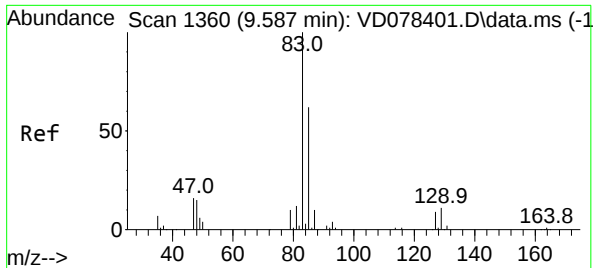
Ion Ratio Lower Upper

93 100

95 81.4 67.7 101.5

174 87.5 85.4 128.2





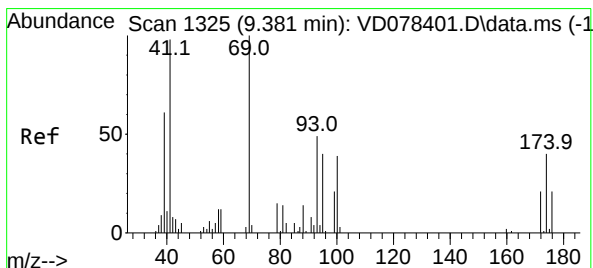
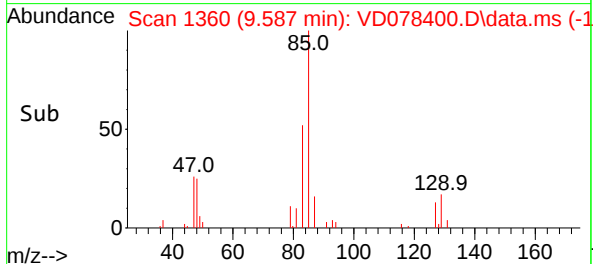
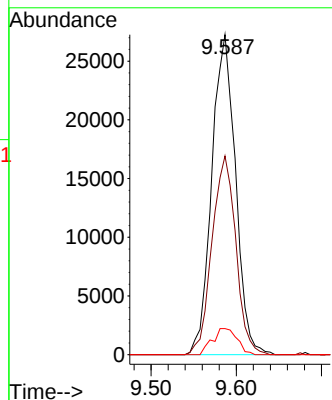
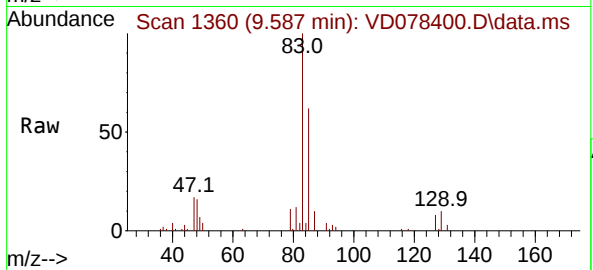
#47
Bromodichloromethane
Concen: 21.305 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 52830
Ion Ratio Lower Upper
83 100
85 62.1 50.2 75.4
127 8.2 6.3 9.5

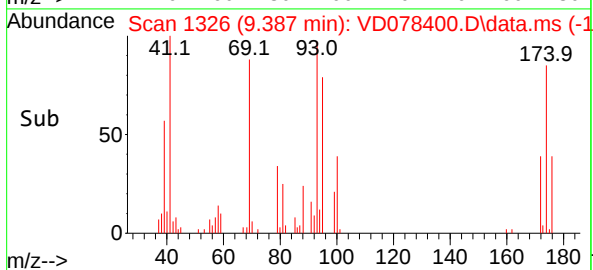
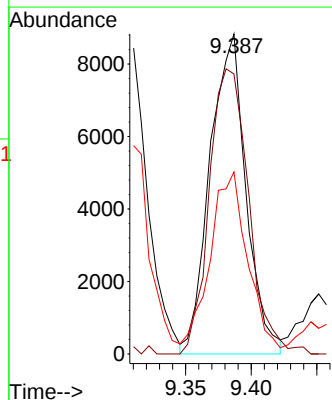
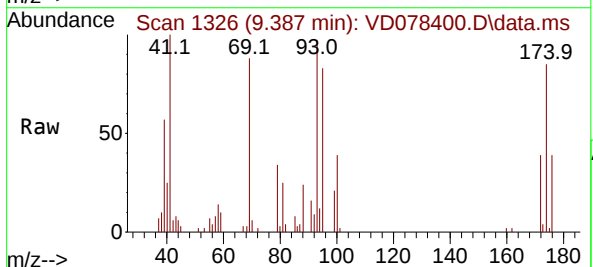
Manual Integrations
APPROVED

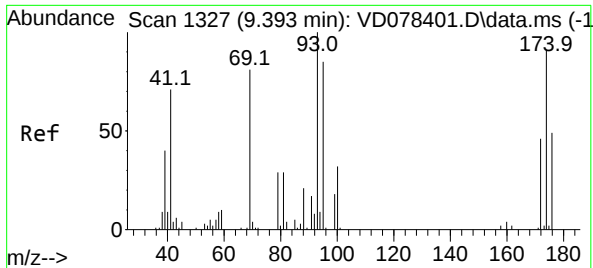
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#48
Methyl methacrylate
Concen: 19.543 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 41 Resp: 16892
Ion Ratio Lower Upper
41 100
69 97.4 102.2 153.2#
39 60.0 41.4 62.2





#49

1,4-Dioxane

Concen: 451.565 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

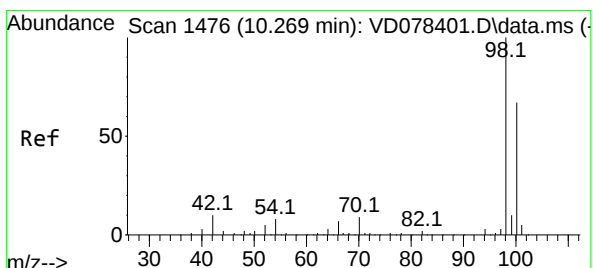
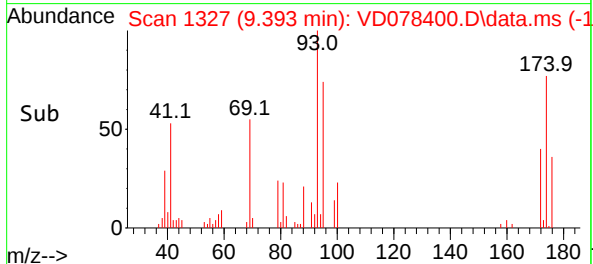
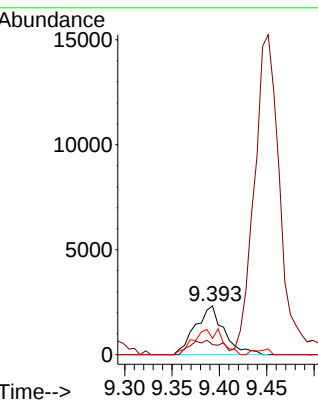
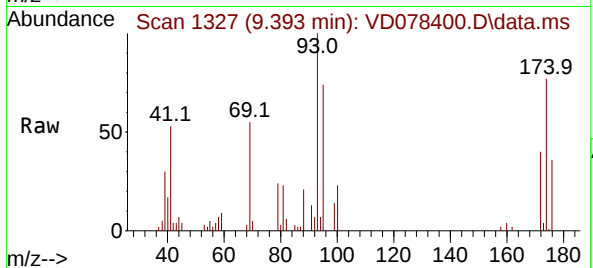
Tgt Ion: 88 Resp: 4890

Ion	Ratio	Lower	Upper
88	100		
43	30.8	19.0	28.6
58	51.8	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#50

Toluene-d8

Concen: 20.860 ug/l

RT: 10.269 min Scan# 1476

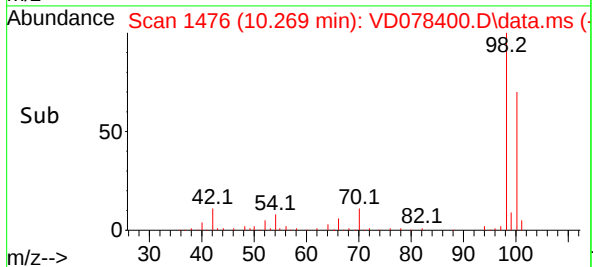
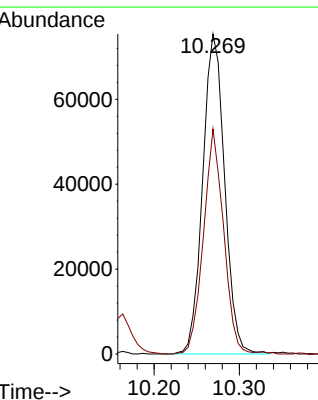
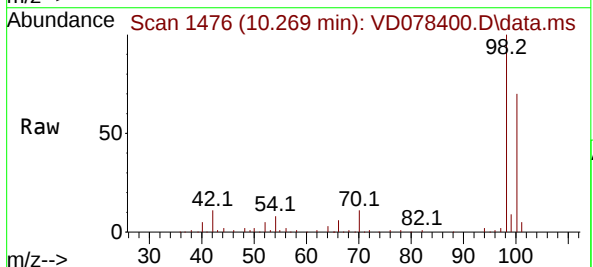
Delta R.T. -0.000 min

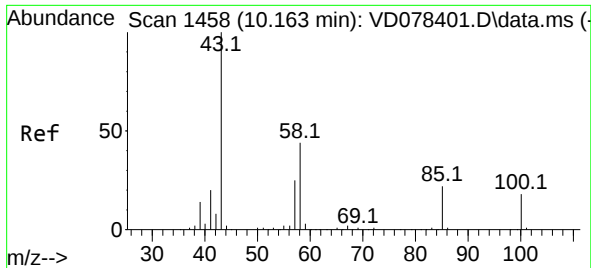
Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Tgt Ion: 98 Resp: 134816

Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.3	75.5





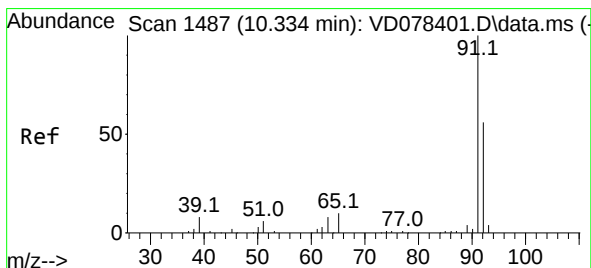
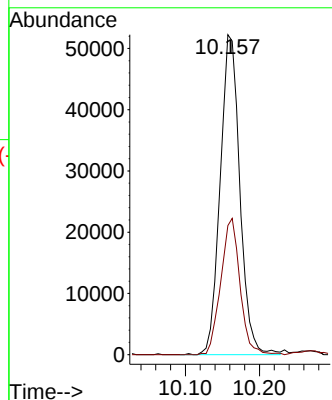
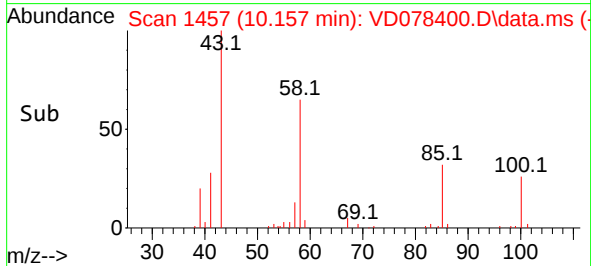
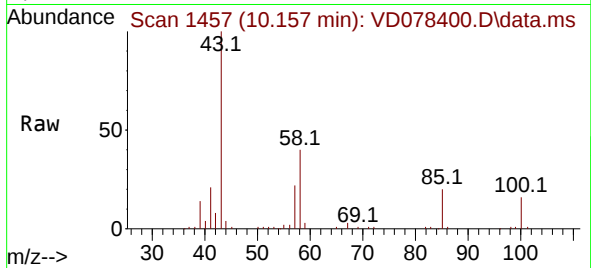
#51
4-Methyl-2-Pentanone
Concen: 111.393 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 9632
Ion Ratio Lower Upper
43 100
58 41.6 38.9 58.3

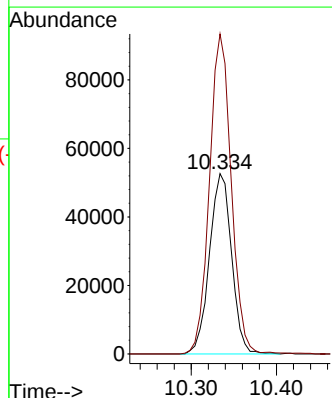
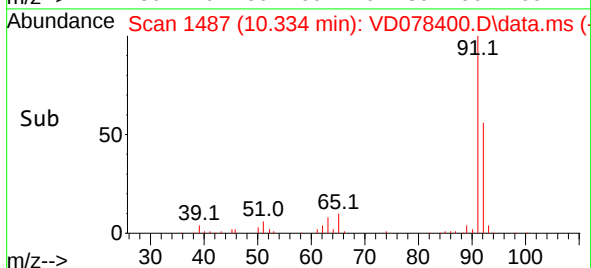
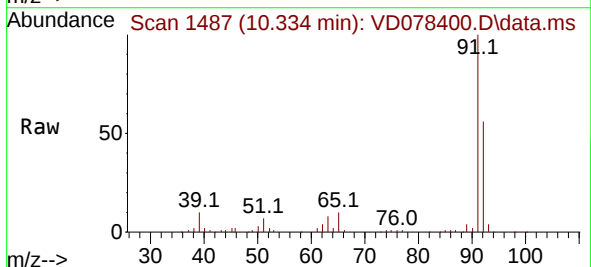
Manual Integrations
APPROVED

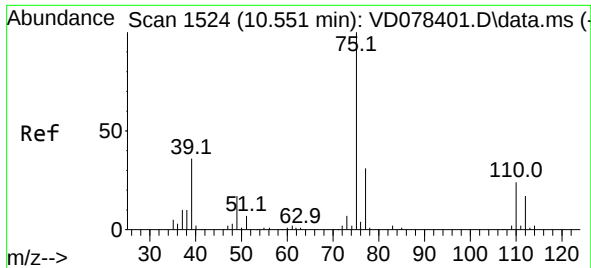
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#52
Toluene
Concen: 20.693 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

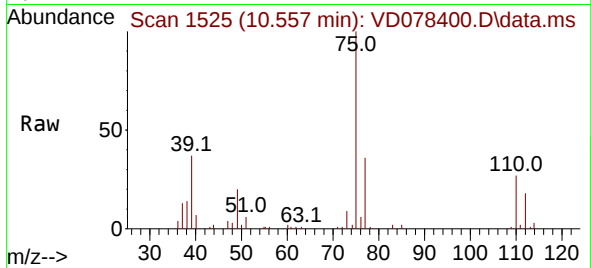
Tgt Ion: 92 Resp: 94933
Ion Ratio Lower Upper
92 100
91 175.0 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 21.181 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

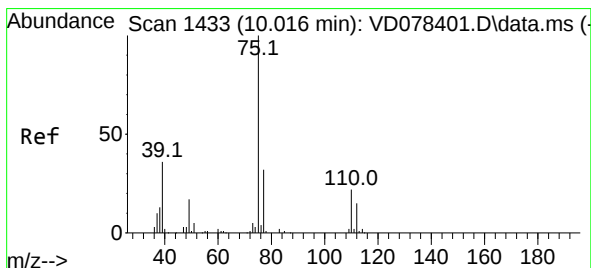
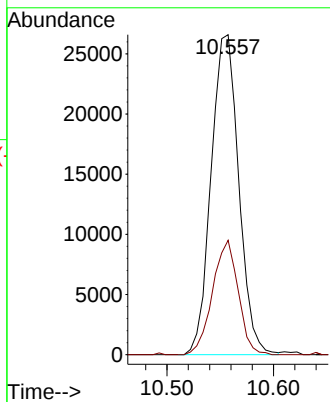
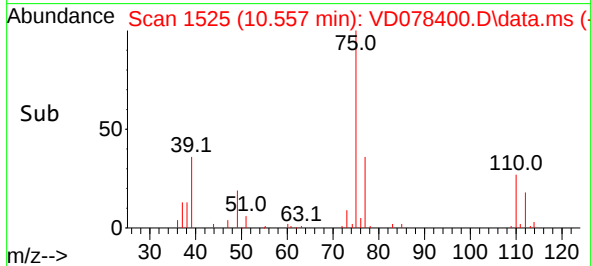
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 47920
Ion Ratio Lower Upper
75 100
77 35.7 25.3 37.9

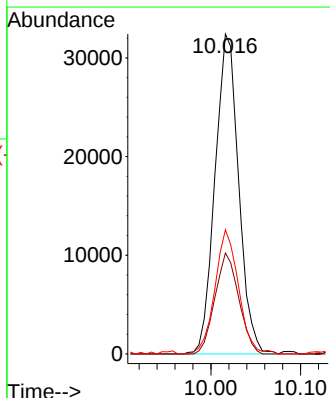
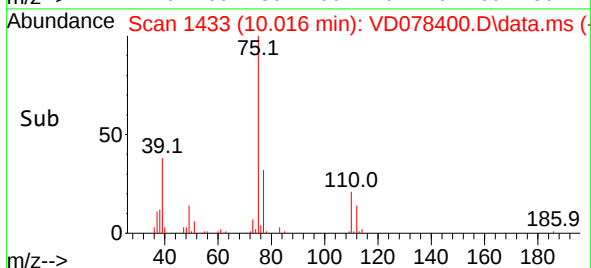
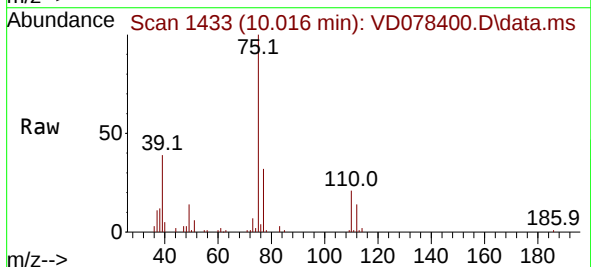
Manual Integrations
APPROVED

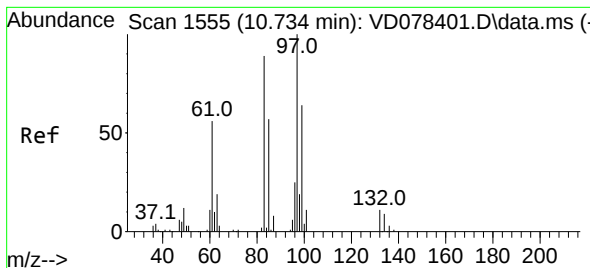
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#54
cis-1,3-Dichloropropene
Concen: 21.597 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 75 Resp: 59257
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 38.8 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.898 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

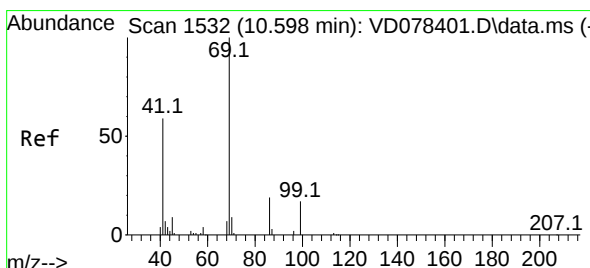
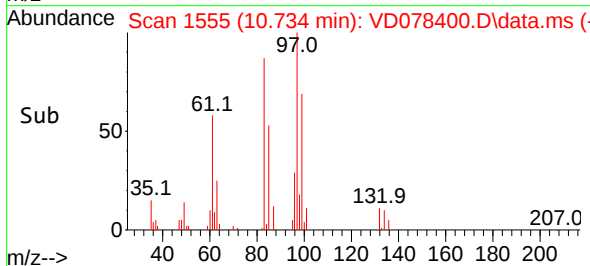
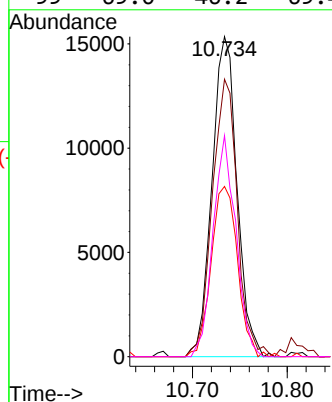
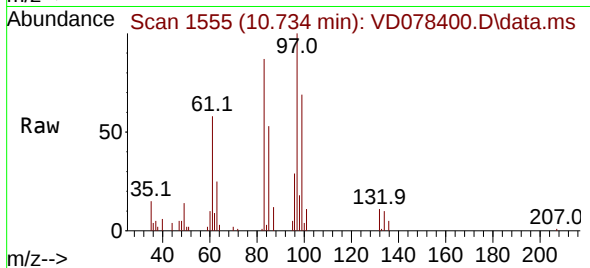
VSTDIC020

Tgt Ion:	97	Resp:	28170
Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.8	98.6
85	53.2	45.7	68.5
99	69.0	46.2	69.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#56

Ethyl methacrylate

Concen: 24.167 ug/l

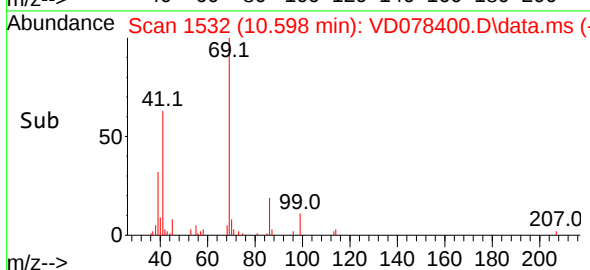
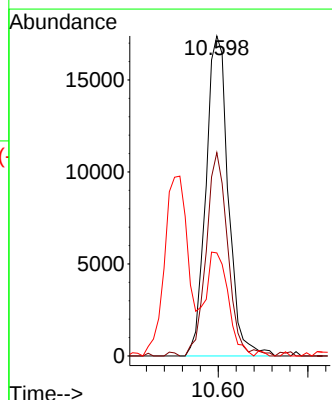
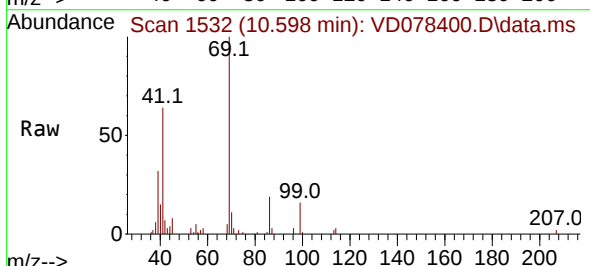
RT: 10.598 min Scan# 1532

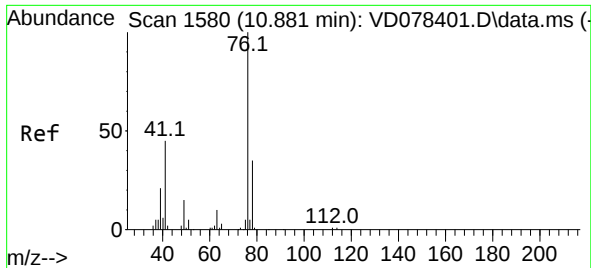
Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

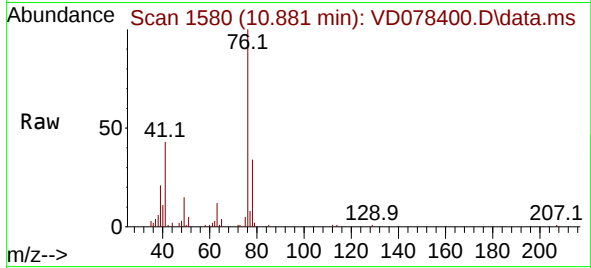
Tgt Ion:	69	Resp:	30135
Ion	Ratio	Lower	Upper
69	100		
41	61.3	39.1	58.7#
39	33.6	20.0	30.0#





#57
1,3-Dichloropropane
Concen: 20.906 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

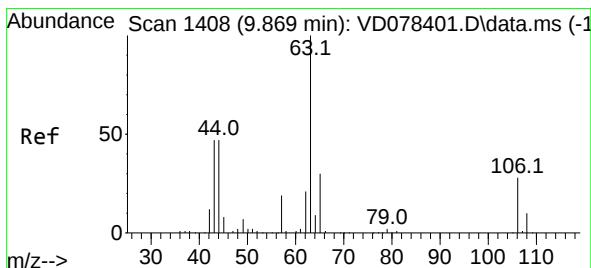
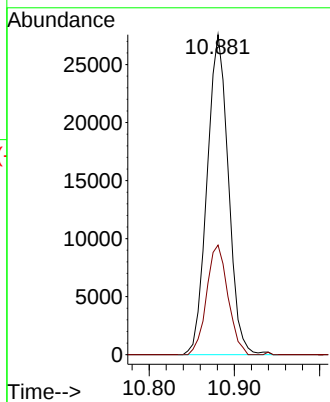
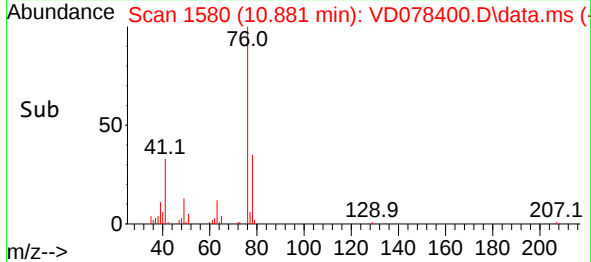
Instrument : MSVOA_D
ClientSampleId : VSTDIC020



Tgt Ion: 76 Resp: 47949
Ion Ratio Lower Upper
76 100
78 34.3 26.4 39.6

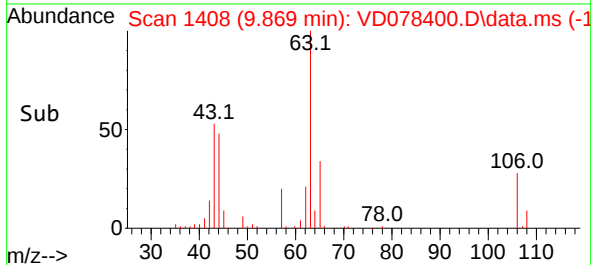
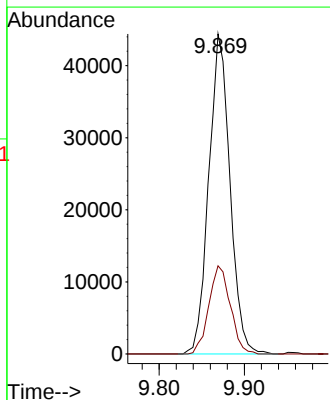
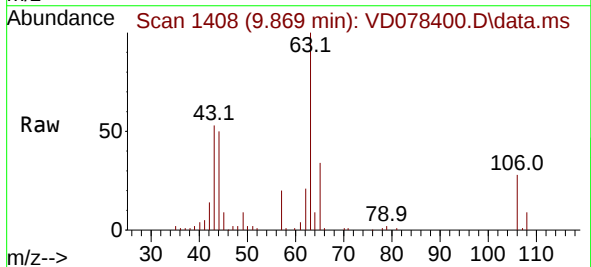
Manual Integrations
APPROVED

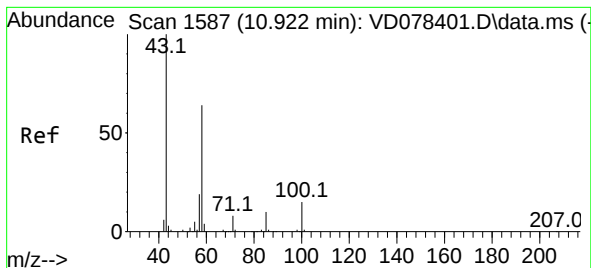
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 104.487 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

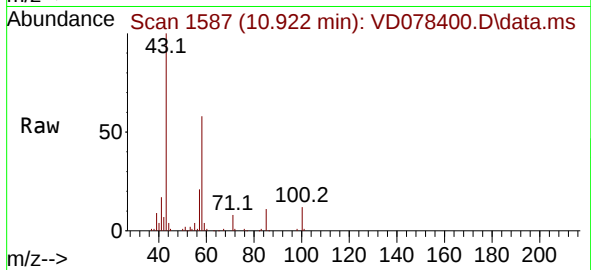
Tgt Ion: 63 Resp: 76747
Ion Ratio Lower Upper
63 100
106 27.9 25.3 37.9





#59
2-Hexanone
Concen: 117.373 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

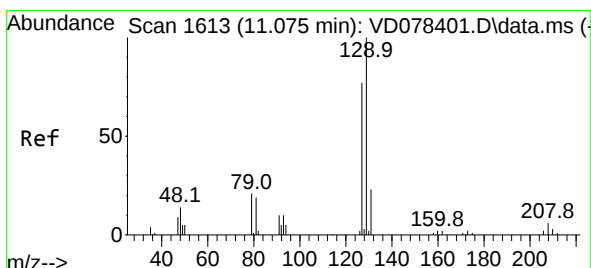
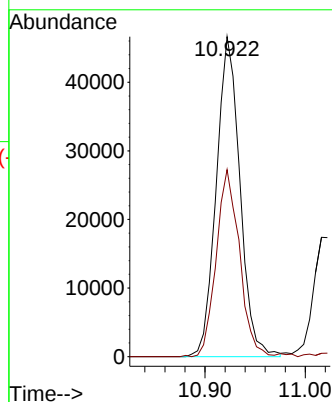
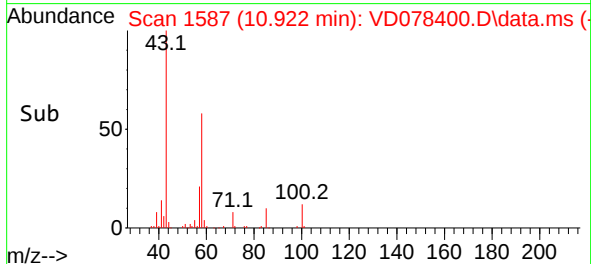
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 7627
Ion Ratio Lower Upper
43 100
58 57.4 34.1 102.2

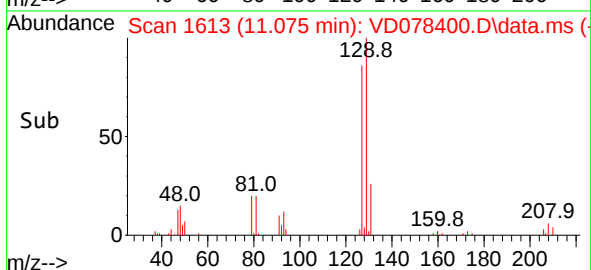
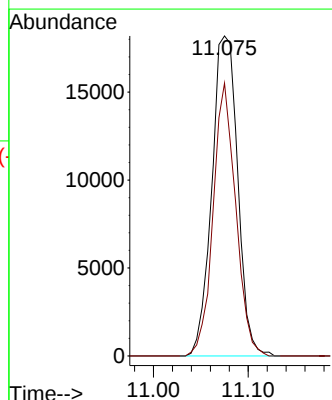
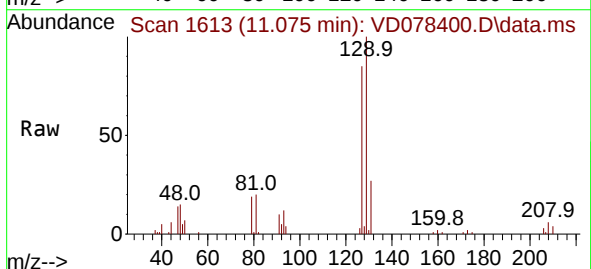
Manual Integrations
APPROVED

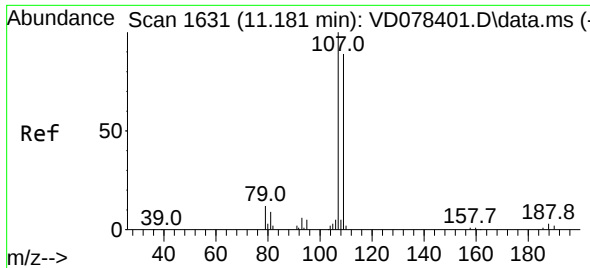
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#60
Dibromochloromethane
Concen: 21.298 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

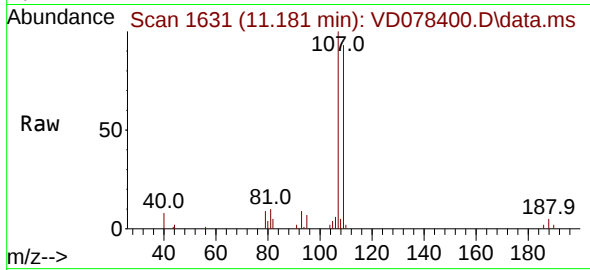
Tgt Ion:129 Resp: 34549
Ion Ratio Lower Upper
129 100
127 74.5 37.1 111.5





#61
1,2-Dibromoethane
Concen: 20.784 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

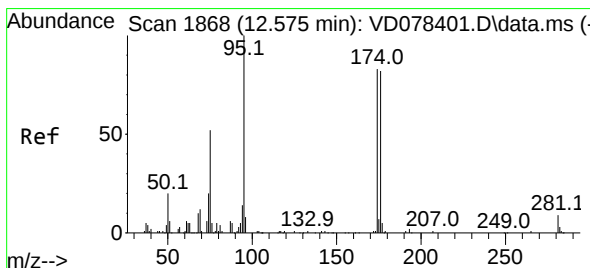
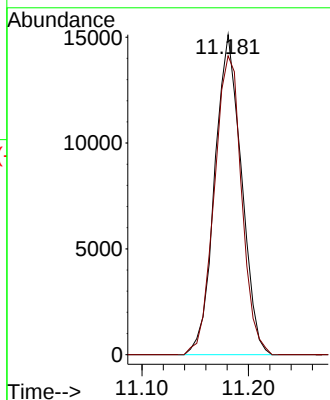
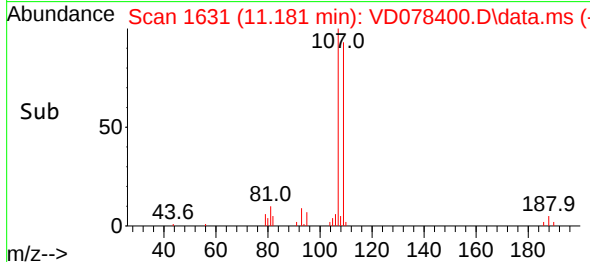
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



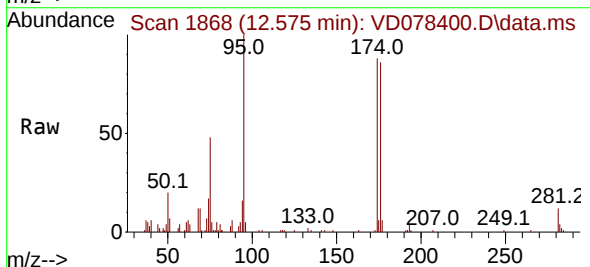
Tgt Ion:107 Resp: 26308
Ion Ratio Lower Upper
107 100
109 95.5 75.6 113.4

Manual Integrations
APPROVED

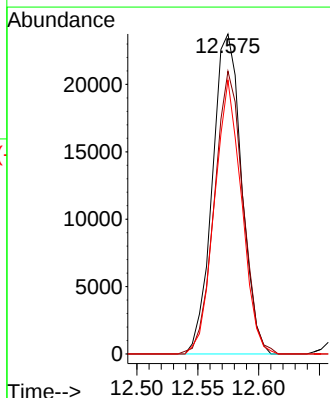
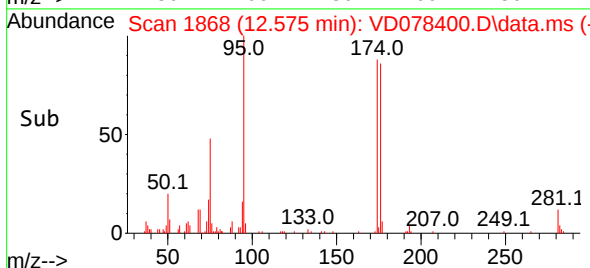
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

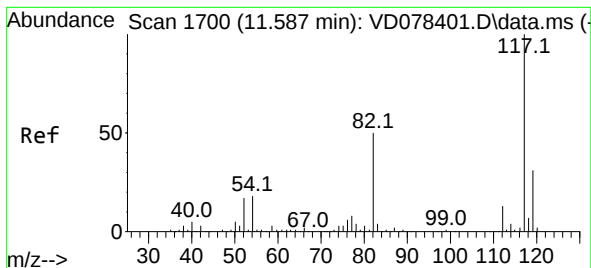


#62
4-Bromofluorobenzene
Concen: 21.091 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26



Tgt Ion: 95 Resp: 39668
Ion Ratio Lower Upper
95 100
174 86.2 0.0 201.8
176 79.4 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion:117 Resp: 236200

Ion Ratio Lower Upper

117 100

82 51.1 38.3 57.5

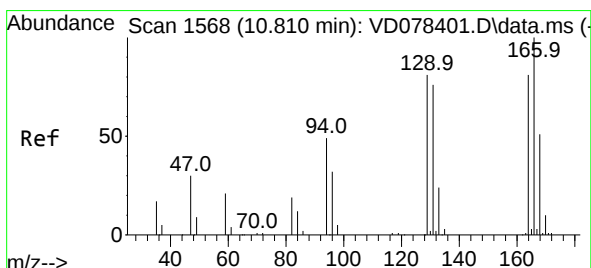
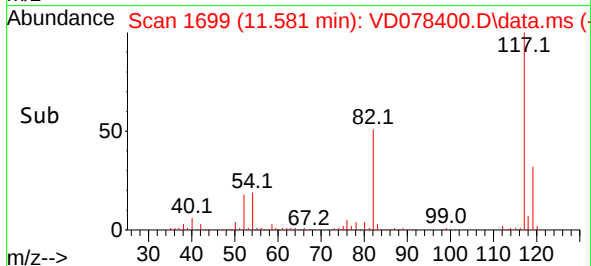
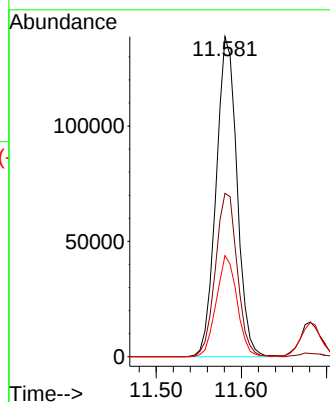
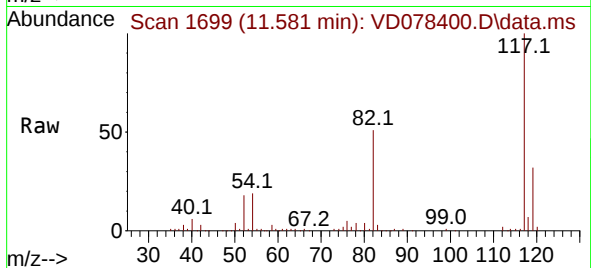
119 31.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#64

Tetrachloroethene

Concen: 20.364 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Tgt Ion:164 Resp: 30382

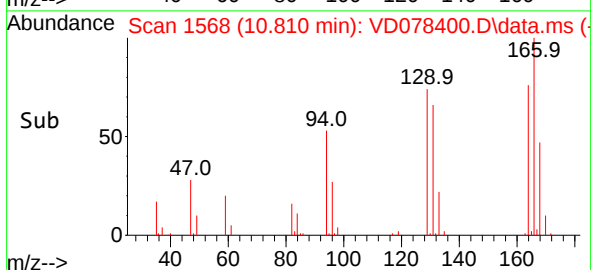
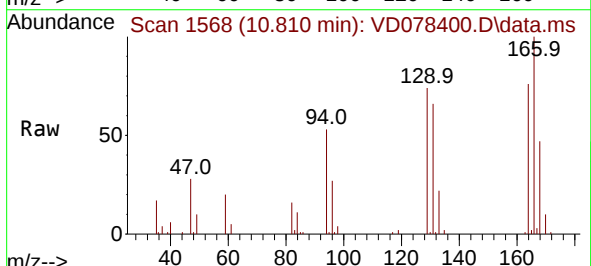
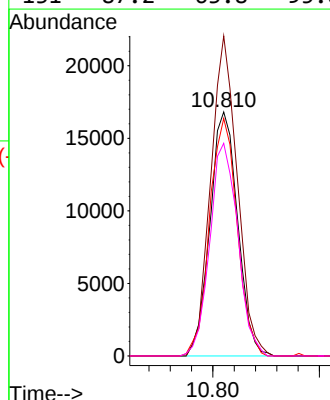
Ion Ratio Lower Upper

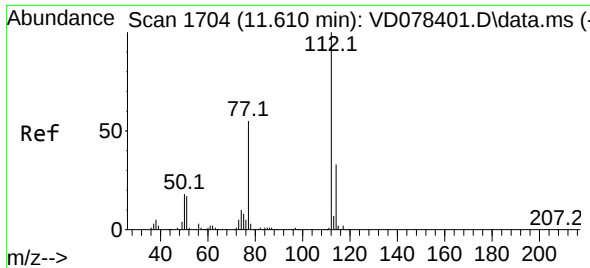
164 100

166 131.2 99.2 148.8

129 97.3 68.4 102.6

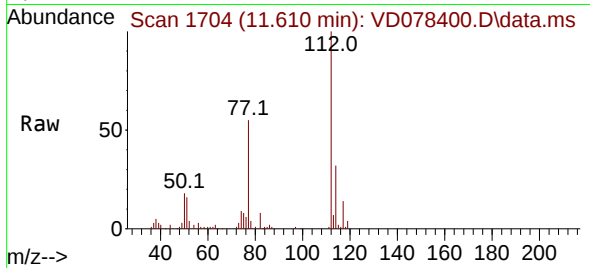
131 87.2 63.8 95.8





#65
Chlorobenzene
Concen: 21.119 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

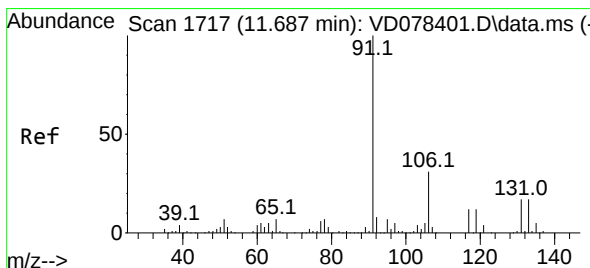
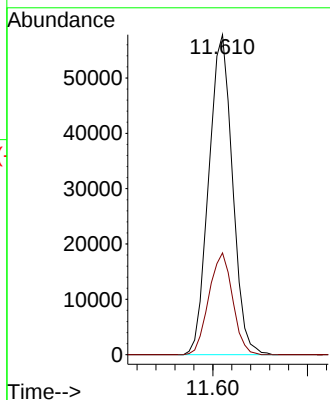
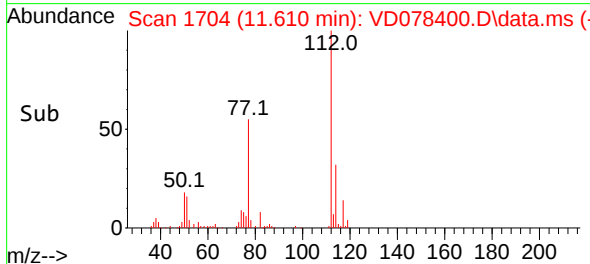
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



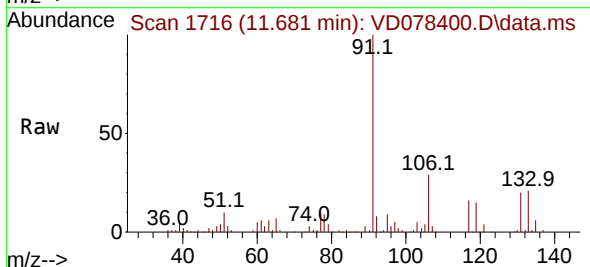
Tgt Ion:112 Resp: 100289
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7

Manual Integrations
APPROVED

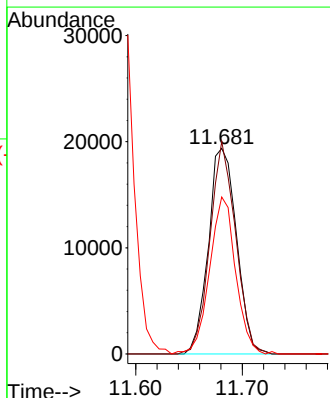
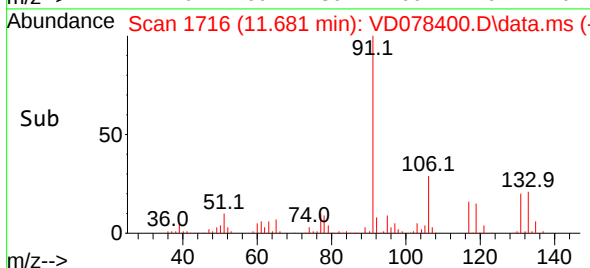
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

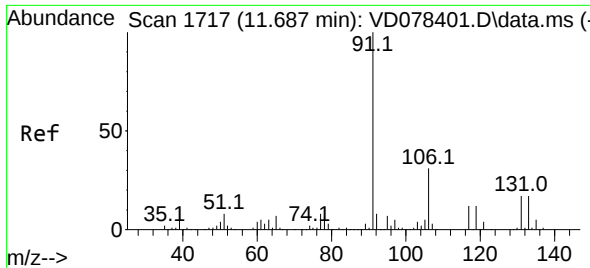


#66
1,1,1,2-Tetrachloroethane
Concen: 20.339 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26



Tgt Ion:131 Resp: 35494
Ion Ratio Lower Upper
131 100
133 94.3 48.5 145.5
119 70.6 35.6 106.9





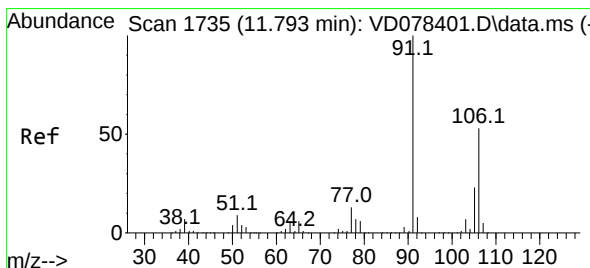
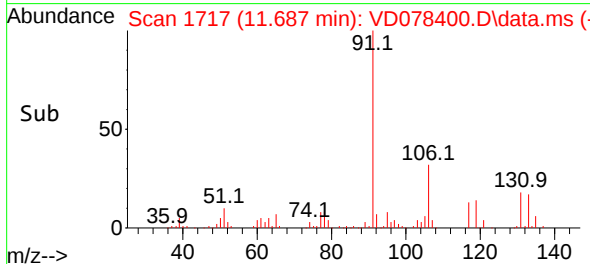
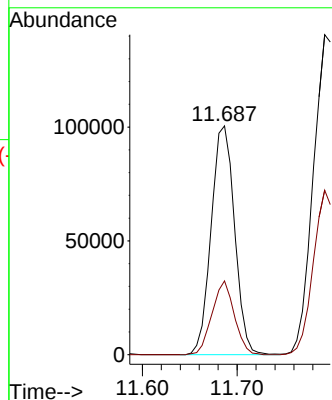
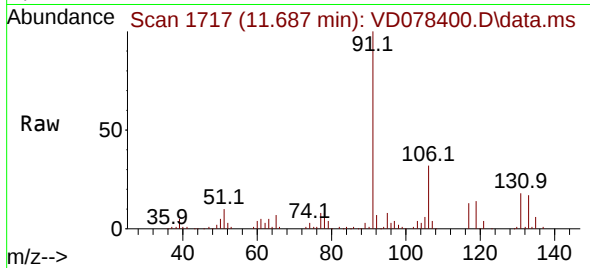
#67
Ethyl Benzene
Concen: 20.290 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 172639
Ion Ratio Lower Upper
91 100
106 32.3 26.5 39.7

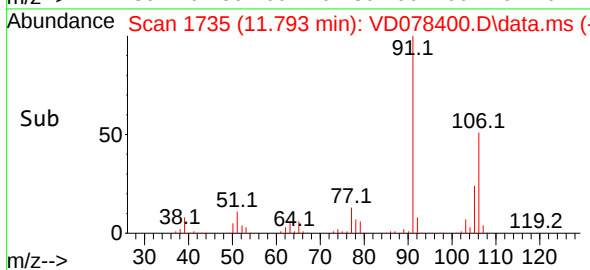
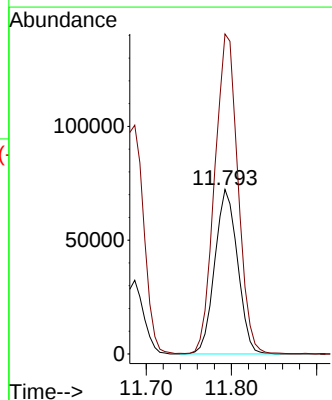
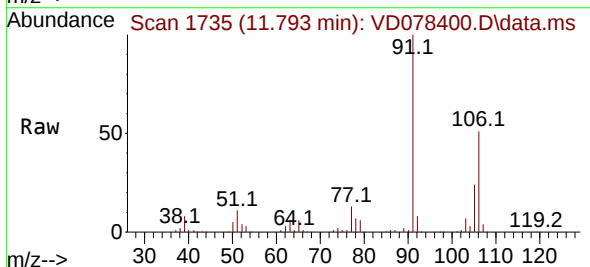
Manual Integrations
APPROVED

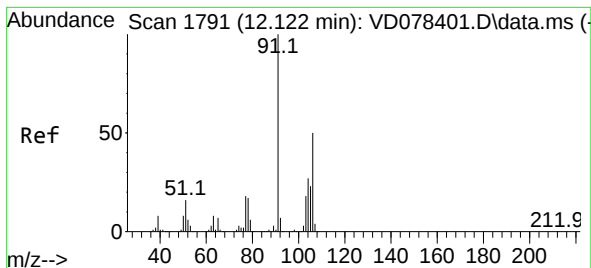
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#68
m/p-Xylenes
Concen: 40.564 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

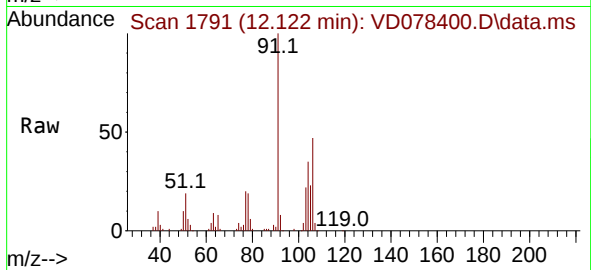
Tgt Ion:106 Resp: 134626
Ion Ratio Lower Upper
106 100
91 197.9 147.0 220.6





#69
o-Xylene
Concen: 20.353 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

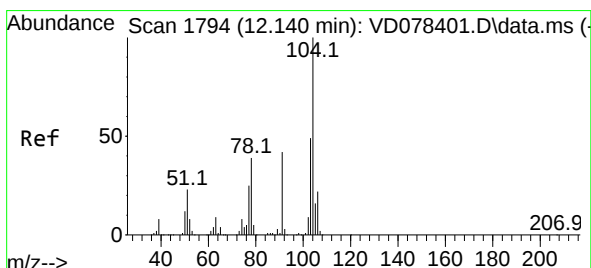
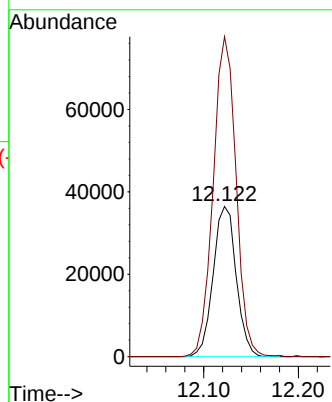
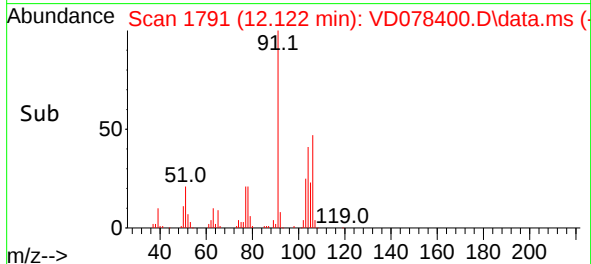
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:106 Resp: 6164
Ion Ratio Lower Upper
106 100
91 211.6 97.9 293.6

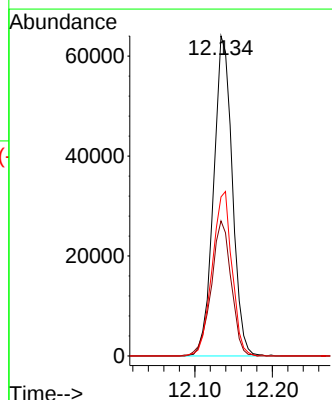
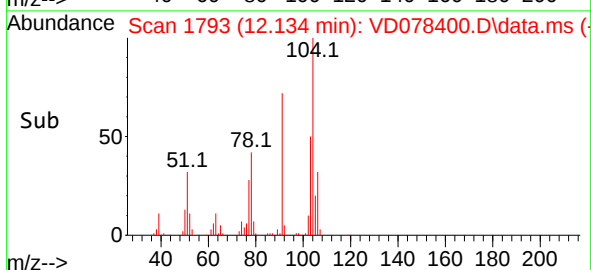
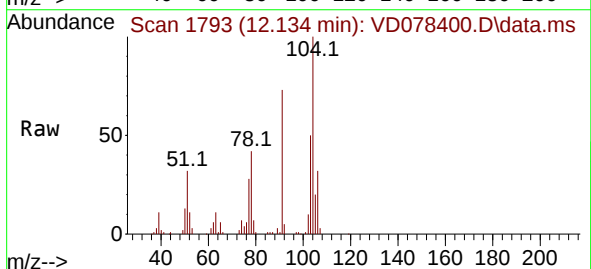
Manual Integrations
APPROVED

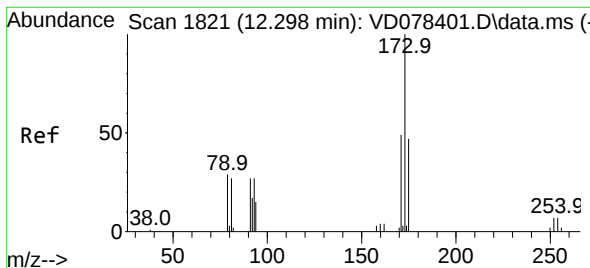
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#70
Styrene
Concen: 21.722 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

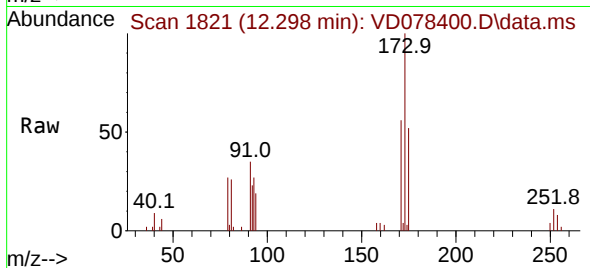
Tgt Ion:104 Resp: 107370
Ion Ratio Lower Upper
104 100
78 44.9 33.2 49.8
103 54.2 43.6 65.4





#71
Bromoform
Concen: 19.943 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

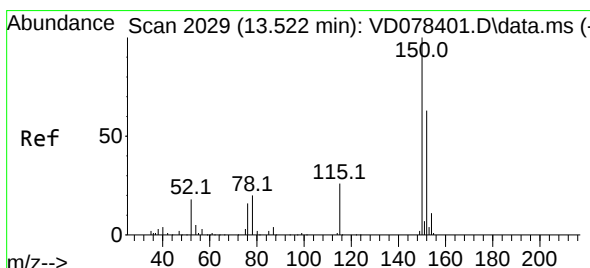
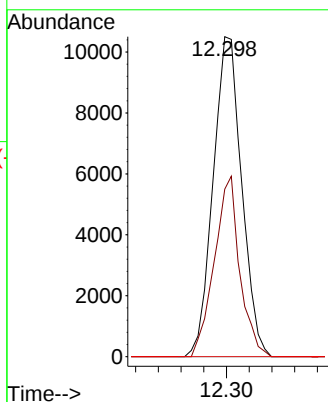
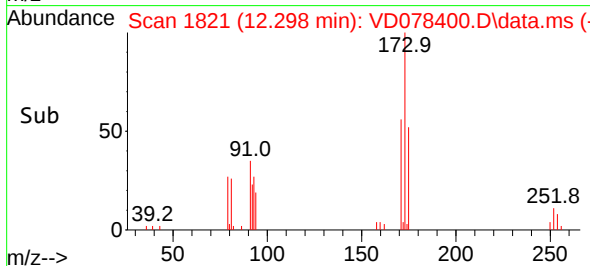
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



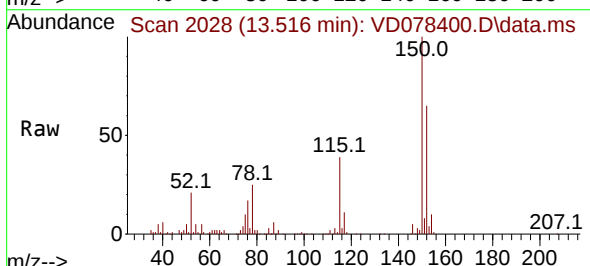
Tgt Ion:173 Resp: 18318
Ion Ratio Lower Upper
173 100
175 50.2 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

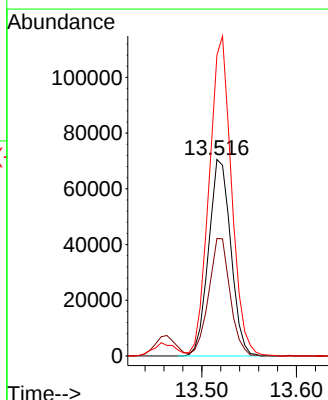
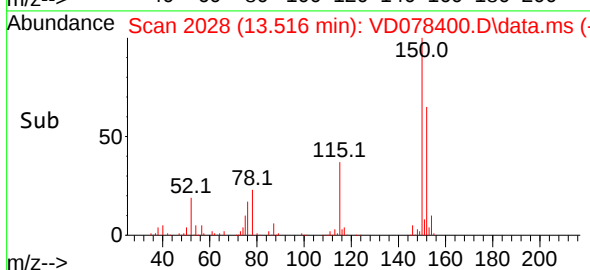
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

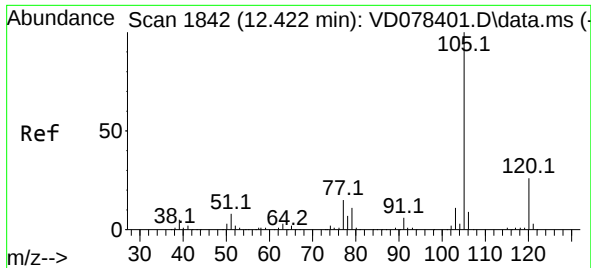


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26



Tgt Ion:152 Resp: 114679
Ion Ratio Lower Upper
152 100
115 57.8 27.1 81.3
150 164.2 0.0 353.6





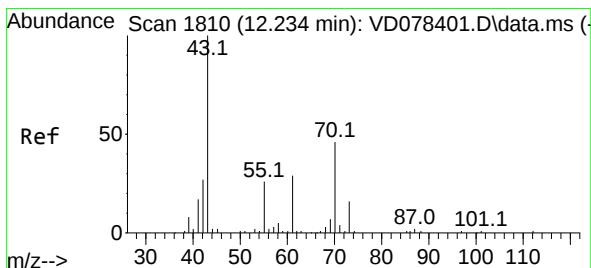
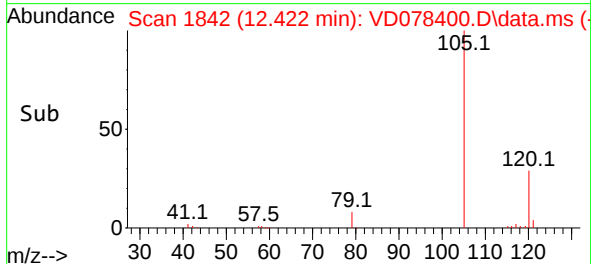
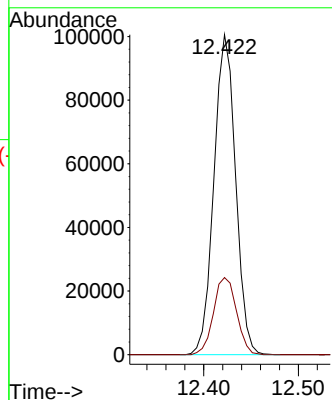
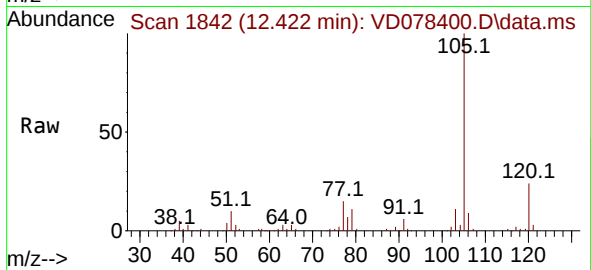
#73
Isopropylbenzene
Concen: 20.735 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 159668
Ion Ratio Lower Upper
105 100
120 25.6 14.3 42.9

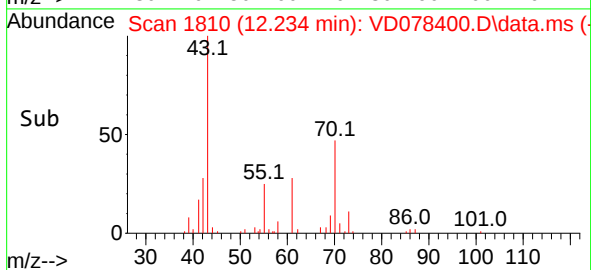
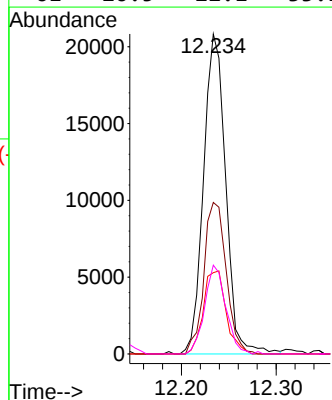
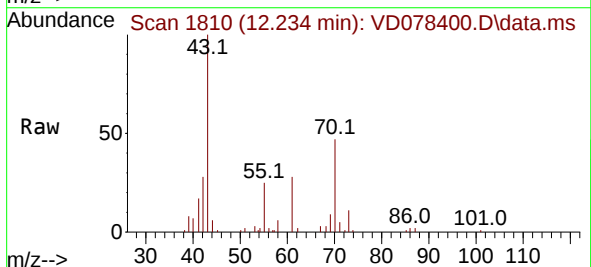
Manual Integrations
APPROVED

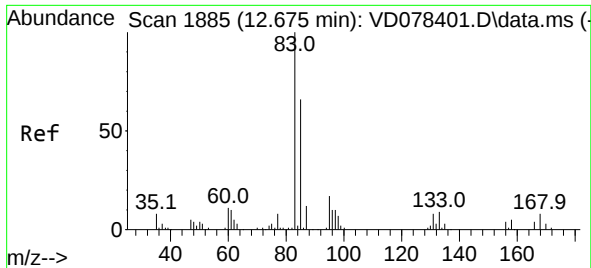
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#74
N-ethyl acetate
Concen: 23.270 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

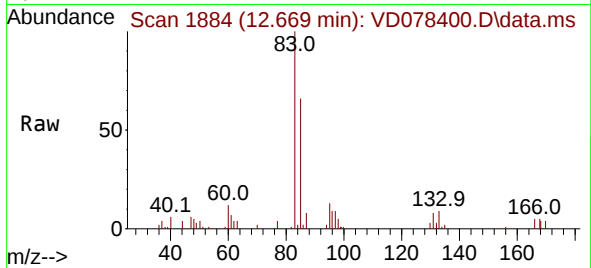
Tgt Ion: 43 Resp: 33900
Ion Ratio Lower Upper
43 100
70 47.8 45.0 67.4
55 26.7 23.8 35.6
61 26.5 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 21.678 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

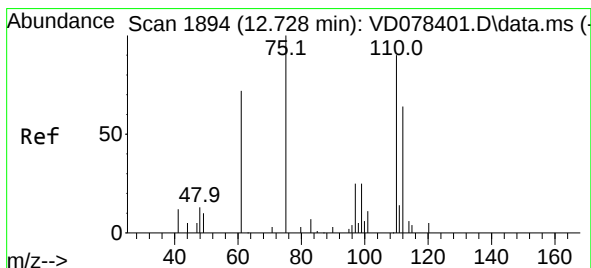
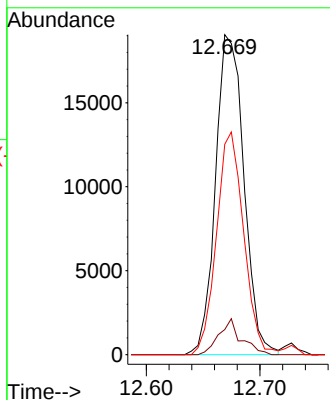
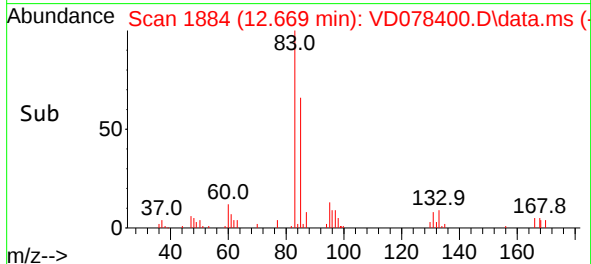
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 33114
Ion Ratio Lower Upper
83 100
131 8.8 5.1 15.3
85 66.6 32.6 97.8

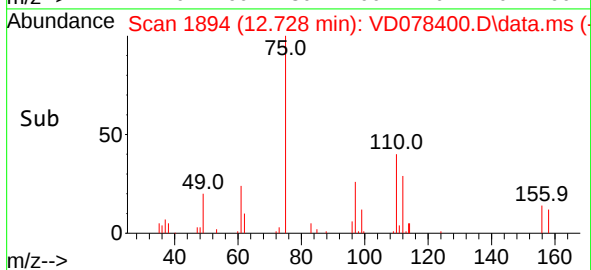
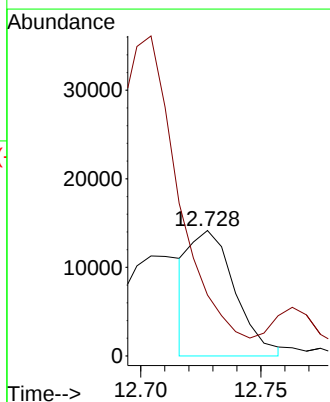
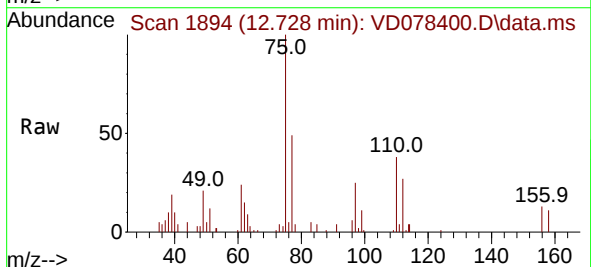
Manual Integrations
APPROVED

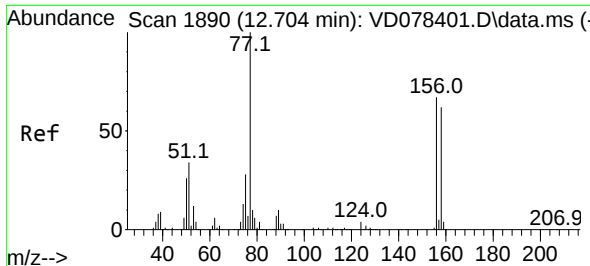
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#76
1,2,3-Trichloropropane
Concen: 18.965 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

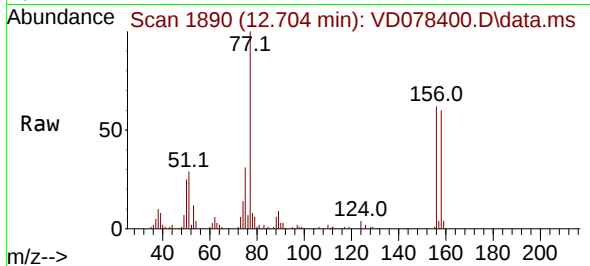
Tgt Ion: 75 Resp: 18512
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.067 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

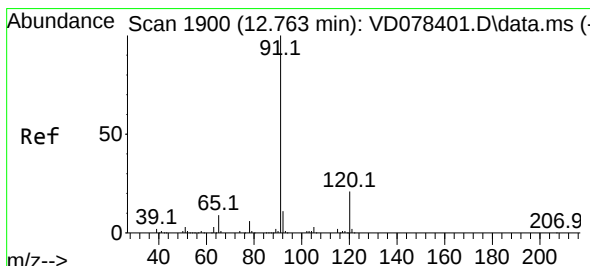
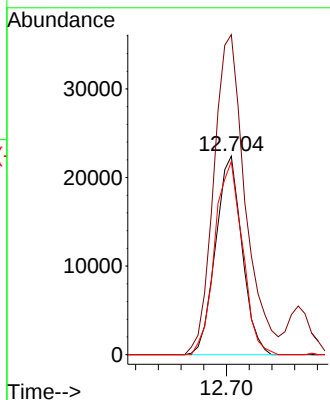
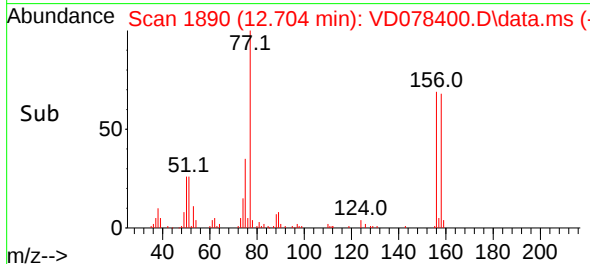
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



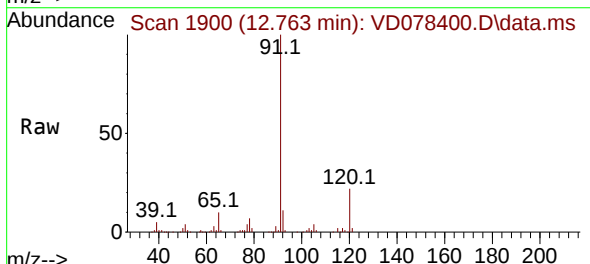
Tgt Ion:156 Resp: 36310
Ion Ratio Lower Upper
156 100
77 191.6 76.8 230.4
158 101.5 48.6 145.9

Manual Integrations
APPROVED

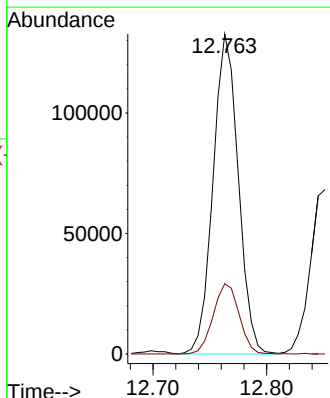
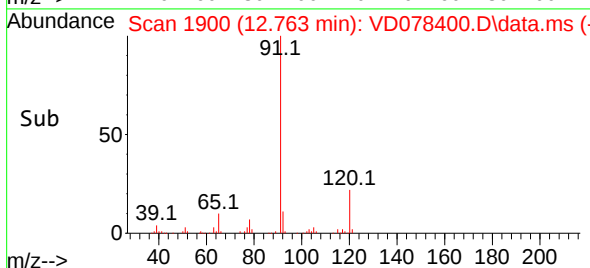
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

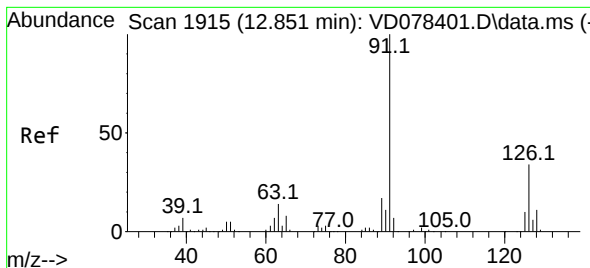


#78
n-propylbenzene
Concen: 21.360 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26



Tgt Ion: 91 Resp: 204982
Ion Ratio Lower Upper
91 100
120 22.4 12.4 37.2





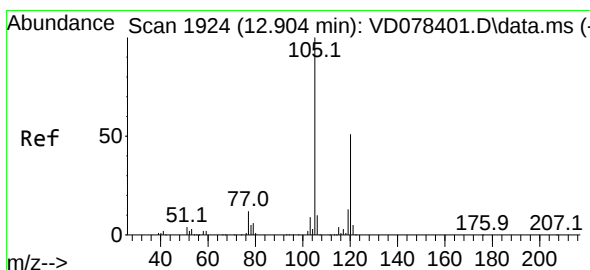
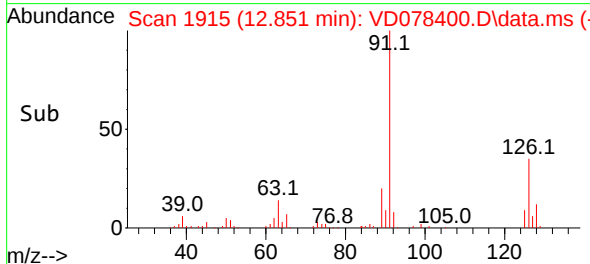
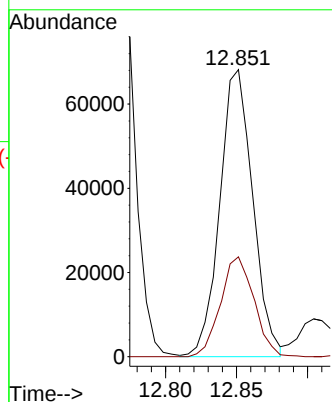
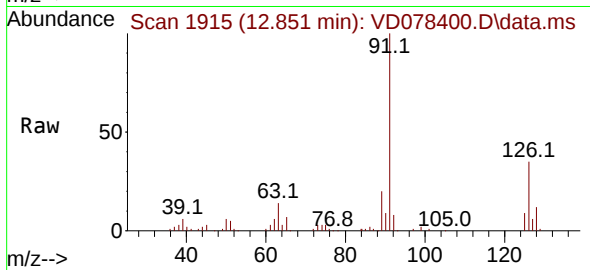
#79
2-Chlorotoluene
Concen: 21.445 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 11022
Ion Ratio Lower Upper
91 100
126 35.3 19.4 58.1

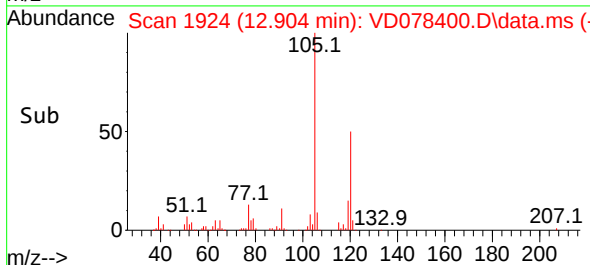
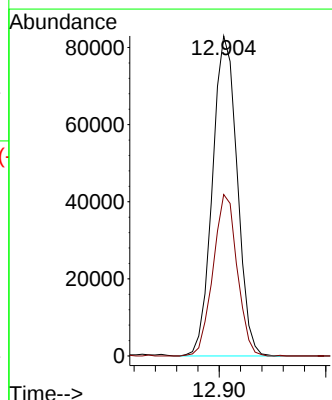
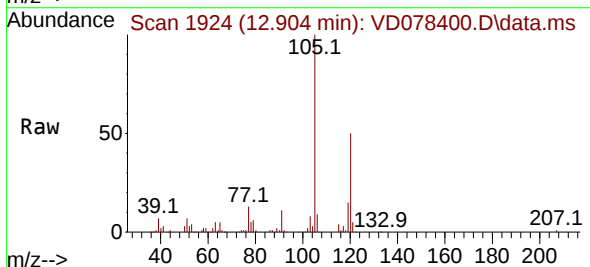
Manual Integrations
APPROVED

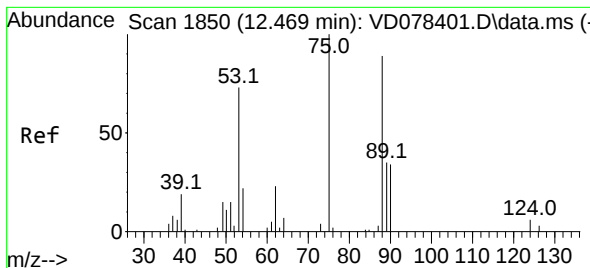
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.893 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion:105 Resp: 133598
Ion Ratio Lower Upper
105 100
120 49.2 26.4 79.2





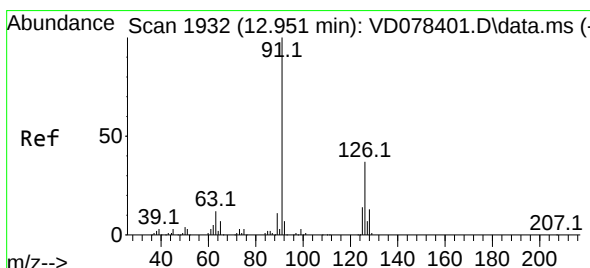
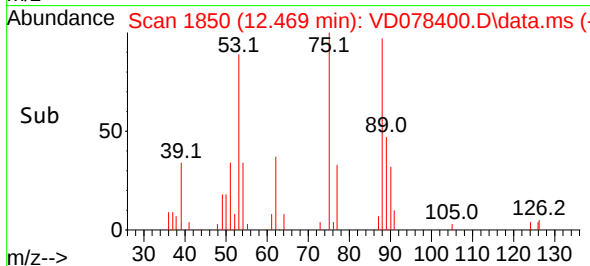
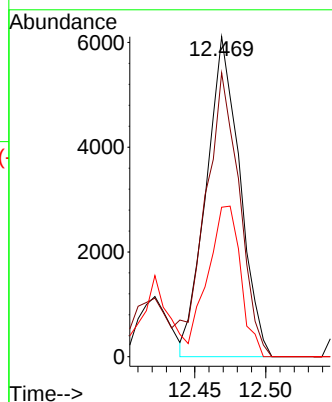
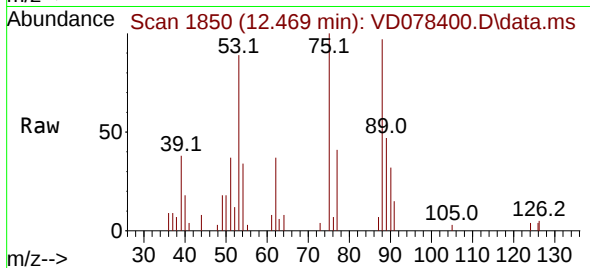
#81
trans-1,4-Dichloro-2-butene
Concen: 21.362 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 10018
Ion Ratio Lower Upper
75 100
53 90.8 63.0 94.4
89 46.1 37.9 56.9

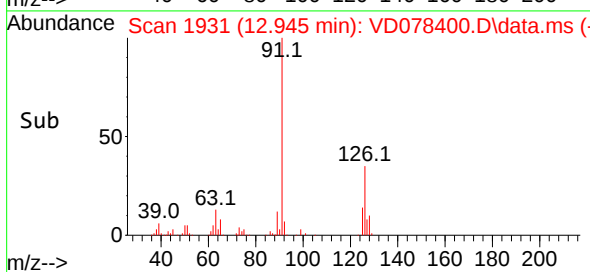
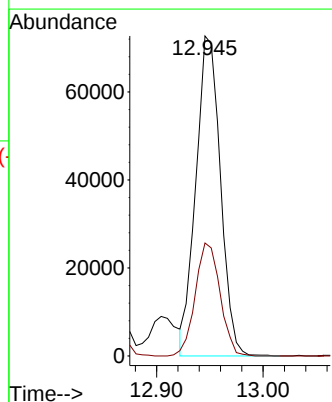
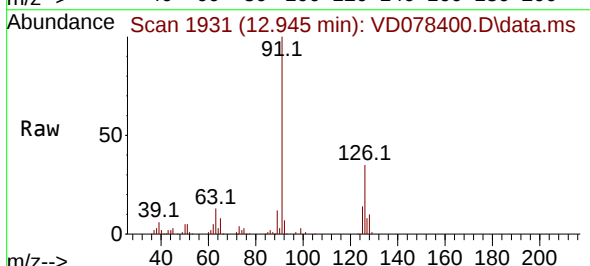
Manual Integrations
APPROVED

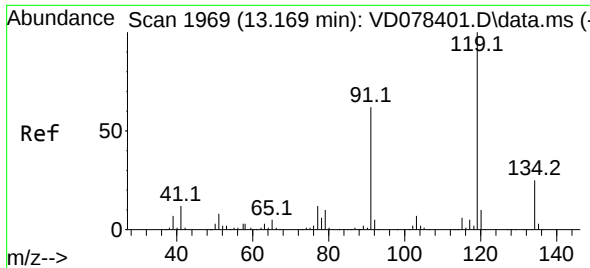
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#82
4-Chlorotoluene
Concen: 21.111 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

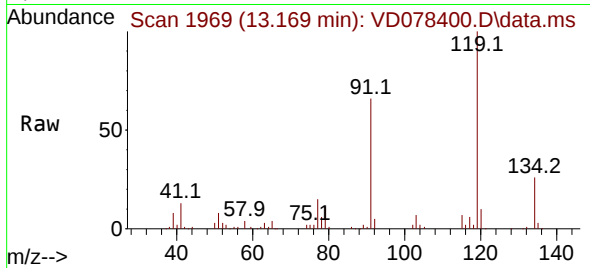
Tgt Ion: 91 Resp: 116537
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.4





#83
tert-Butylbenzene
Concen: 20.458 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

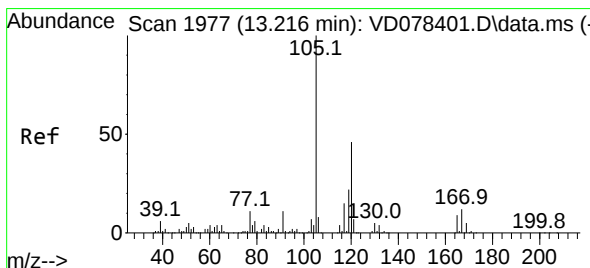
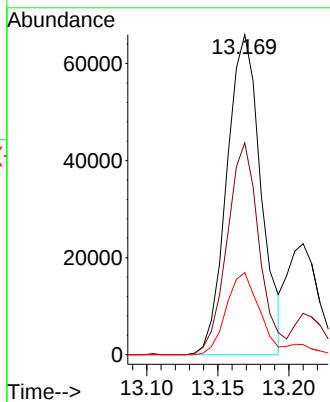
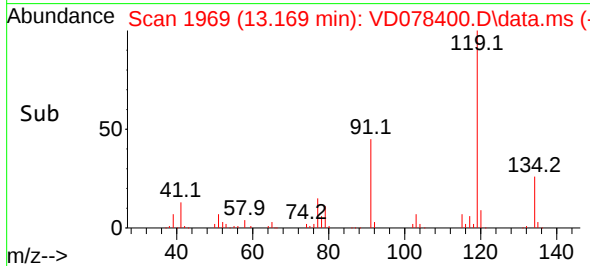
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:119 Resp: 11032
Ion Ratio Lower Upper
119 100
91 62.7 29.3 87.8
134 25.1 14.1 42.3

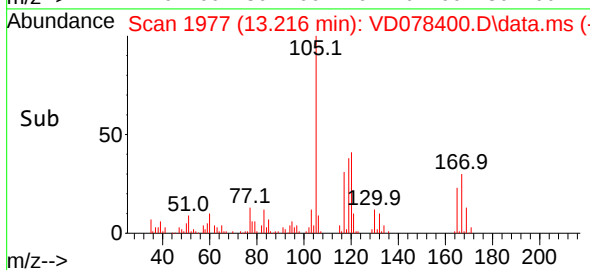
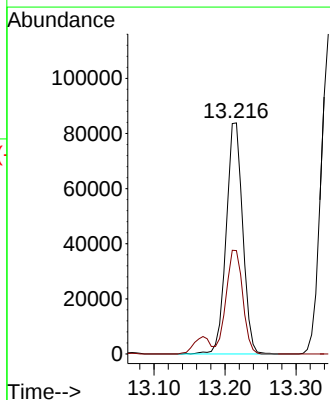
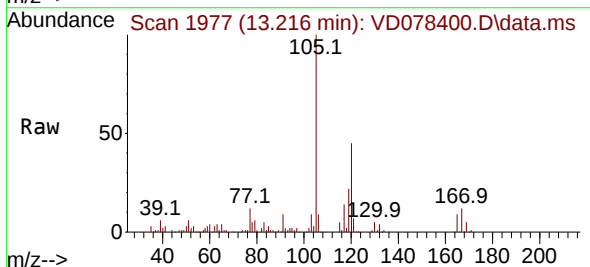
Manual Integrations
APPROVED

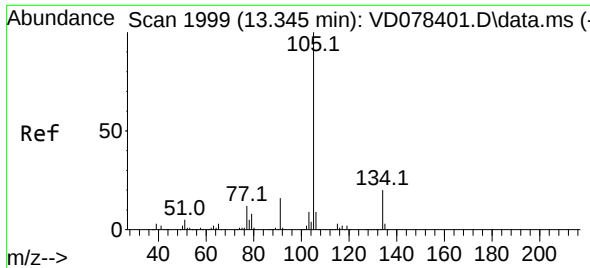
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.788 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion:105 Resp: 134903
Ion Ratio Lower Upper
105 100
120 45.8 24.3 72.9





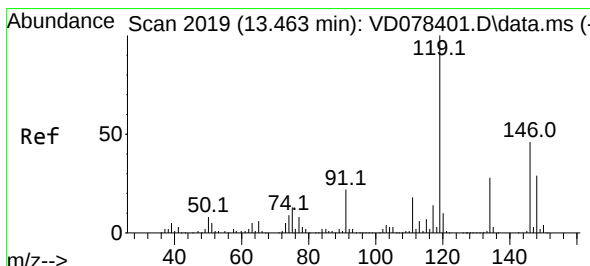
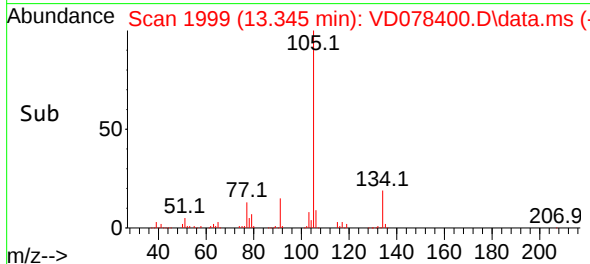
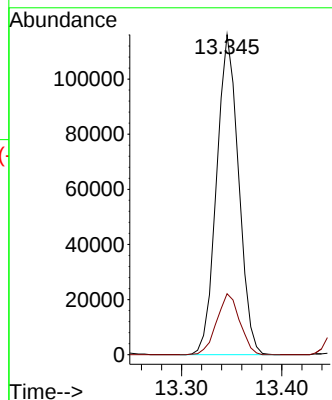
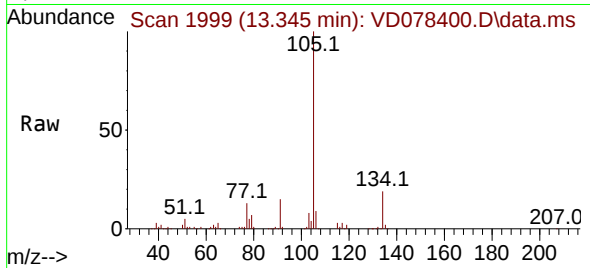
#85
 sec-Butylbenzene
 Concen: 21.137 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078400.D
 Acq: 13 Feb 2024 11:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 176769
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9

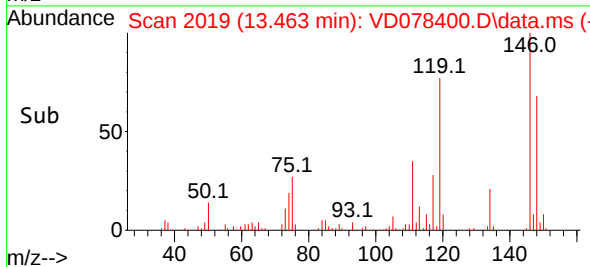
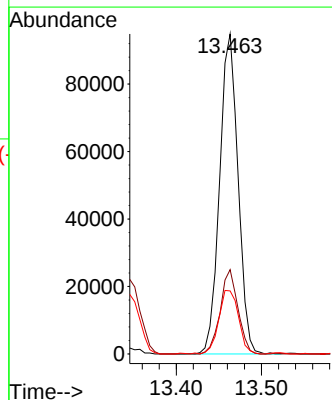
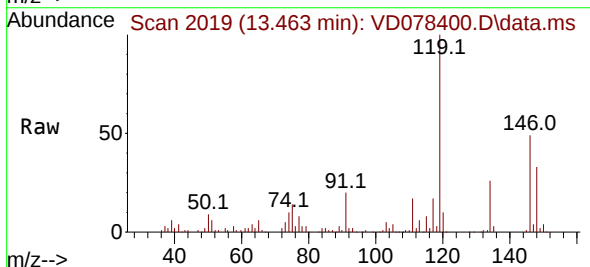
Manual Integrations
 APPROVED

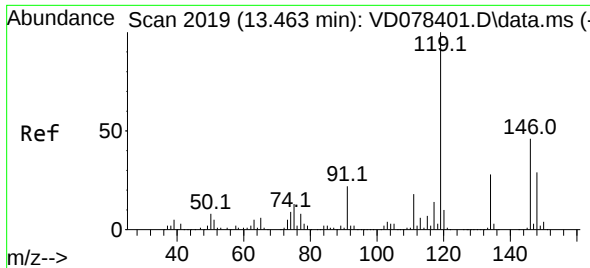
Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024



#86
 p-Isopropyltoluene
 Concen: 20.009 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078400.D
 Acq: 13 Feb 2024 11:26

Tgt Ion:119 Resp: 142534
 Ion Ratio Lower Upper
 119 100
 134 25.4 14.2 42.6
 91 21.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.209 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 78059

Ion Ratio Lower Upper

146 100

111 37.0 17.9 53.8

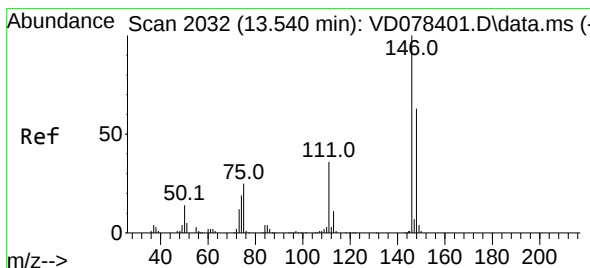
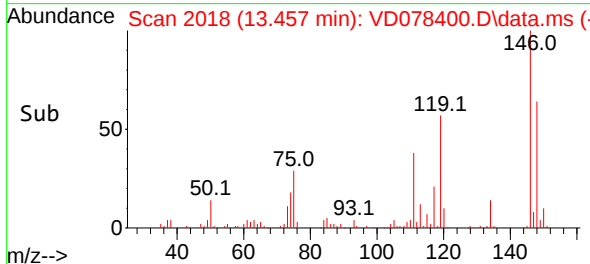
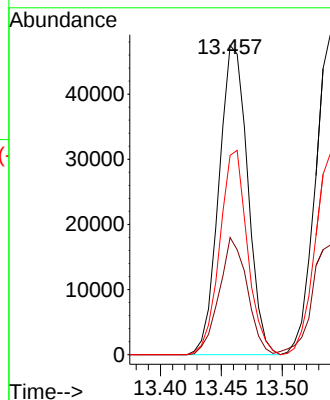
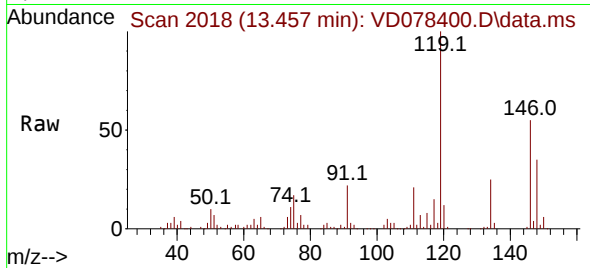
148 63.6 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#88

1,4-Dichlorobenzene

Concen: 20.739 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

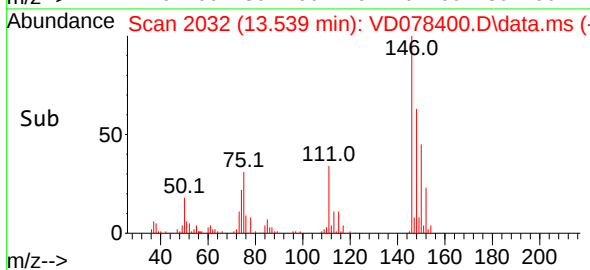
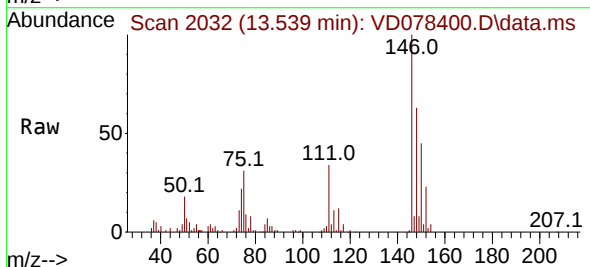
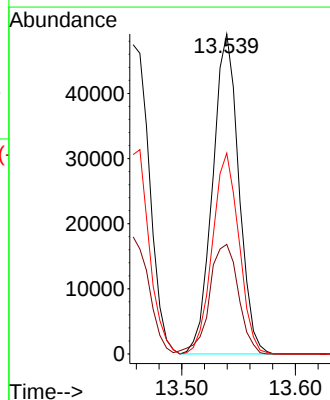
Tgt Ion:146 Resp: 78709

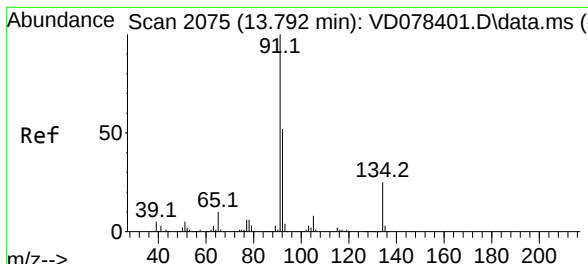
Ion Ratio Lower Upper

146 100

111 37.9 17.4 52.3

148 63.7 31.7 95.1





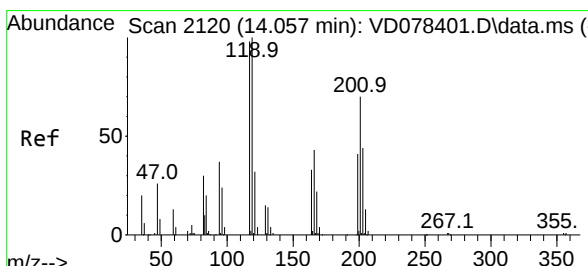
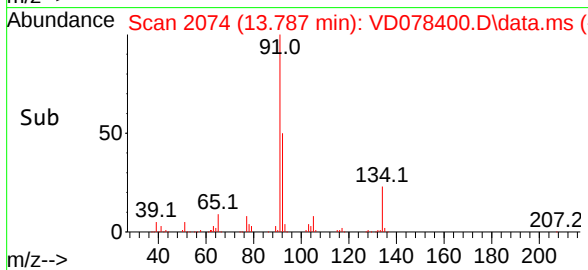
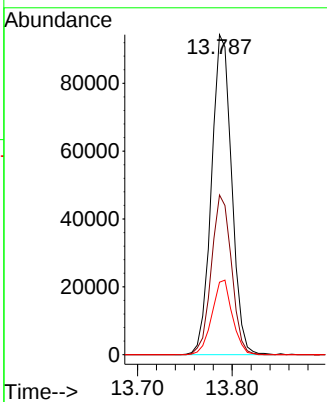
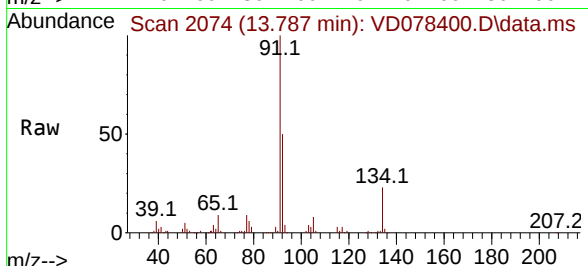
#89
 n-Butylbenzene
 Concen: 20.389 ug/l
 RT: 13.787 min Scan# 2074
 Delta R.T. -0.006 min
 Lab File: VD078400.D
 Acq: 13 Feb 2024 11:26

Instrument : MSVOA_D
 ClientSampleId : VSTDIC020

Tgt Ion:	91	Resp:	13998
Ion Ratio	Lower	Upper	
91	100		
92	49.8	26.5	79.5
134	23.6	13.8	41.3

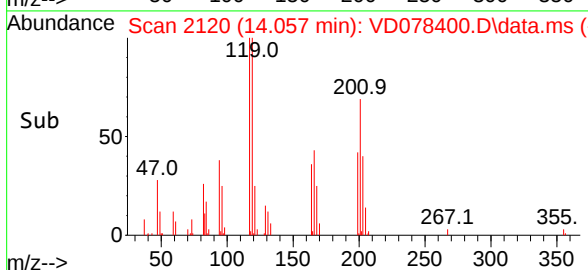
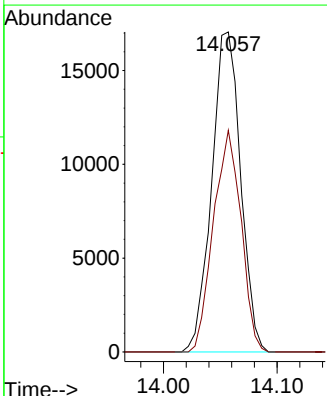
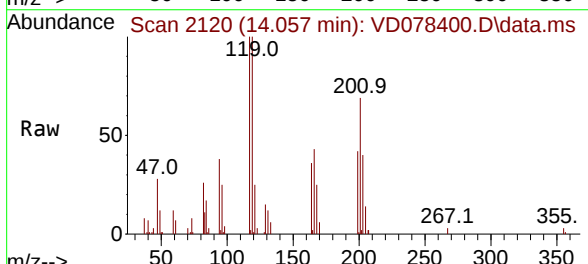
Manual Integrations
 APPROVED

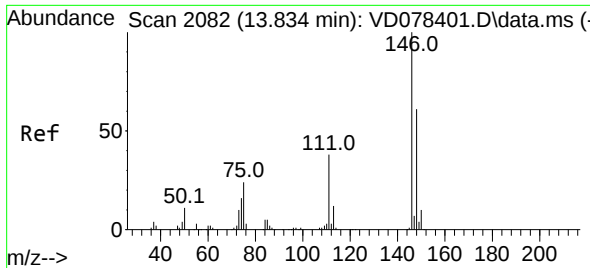
Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024



#90
 Hexachloroethane
 Concen: 20.627 ug/l
 RT: 14.057 min Scan# 2120
 Delta R.T. -0.000 min
 Lab File: VD078400.D
 Acq: 13 Feb 2024 11:26

Tgt Ion:	117	Resp:	30199
Ion Ratio	Lower	Upper	
117	100		
201	66.1	38.5	115.5





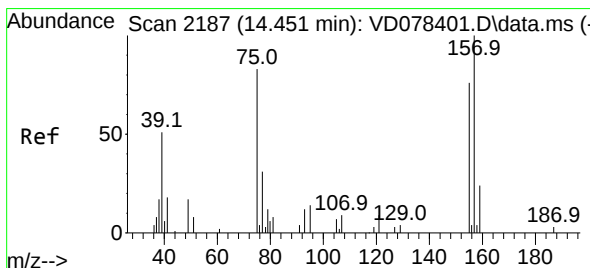
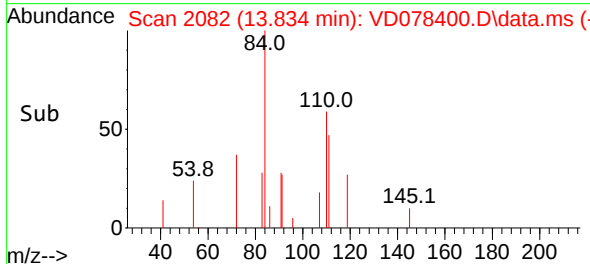
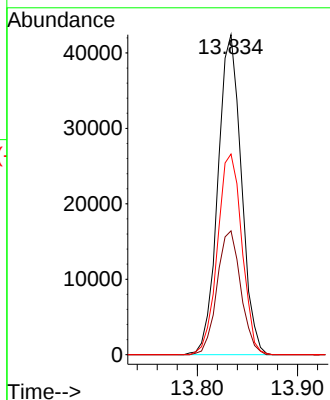
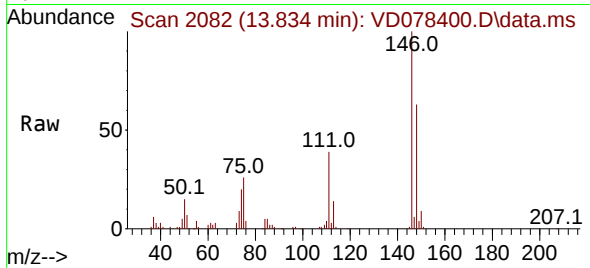
#91
1,2-Dichlorobenzene
Concen: 21.235 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 6887
Ion Ratio Lower Upper
146 100
111 39.2 18.3 54.8
148 65.2 31.6 94.7

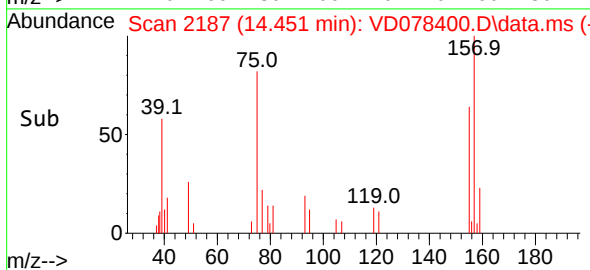
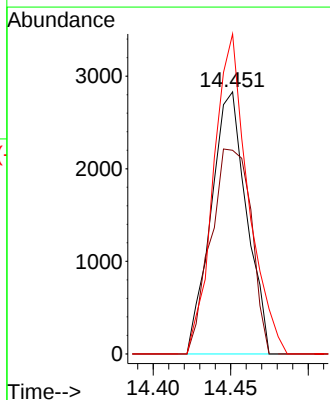
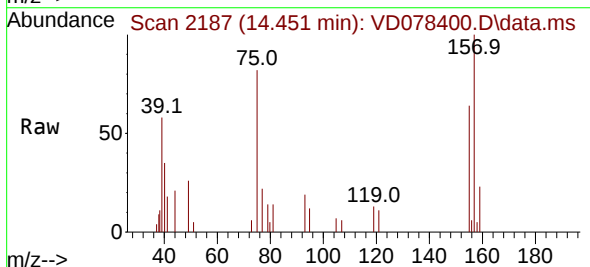
Manual Integrations
APPROVED

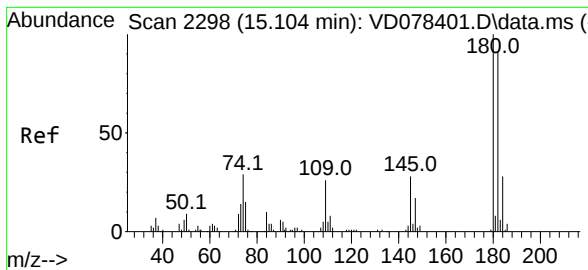
Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.523 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

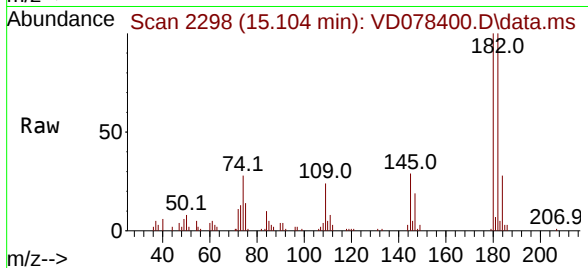
Tgt Ion: 75 Resp: 4505
Ion Ratio Lower Upper
75 100
155 88.9 47.9 143.8
157 118.9 59.9 179.7





#93
 1,2,4-Trichlorobenzene
 Concen: 20.174 ug/l
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD078400.D
 Acq: 13 Feb 2024 11:26

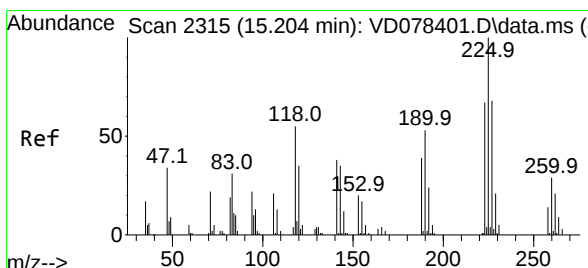
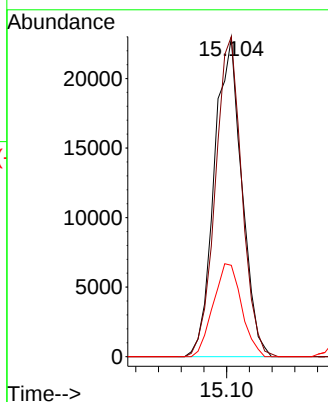
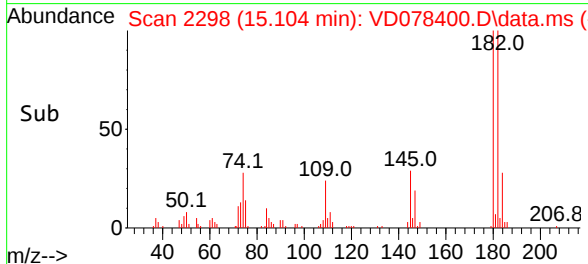
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



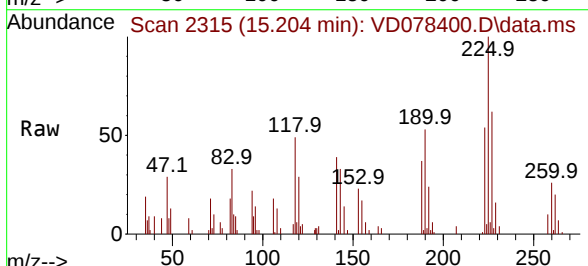
Tgt Ion:180 Resp: 38450
 Ion Ratio Lower Upper
 180 100
 182 96.6 48.5 145.6
 145 30.0 14.2 42.6

Manual Integrations
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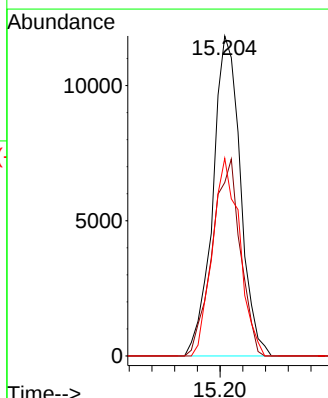
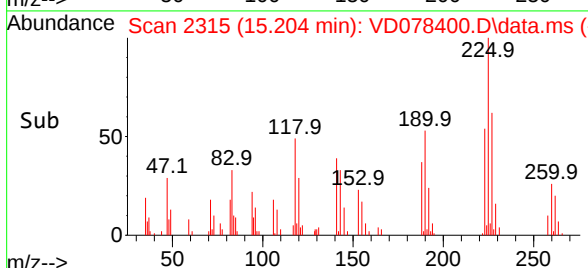
Reviewed By :Mahesh Dadoda 02/14/2024
 Supervised By :Semsettin Yesilyurt 02/14/2024

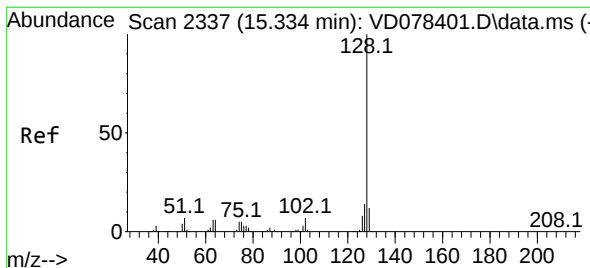


#94
 Hexachlorobutadiene
 Concen: 20.030 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD078400.D
 Acq: 13 Feb 2024 11:26



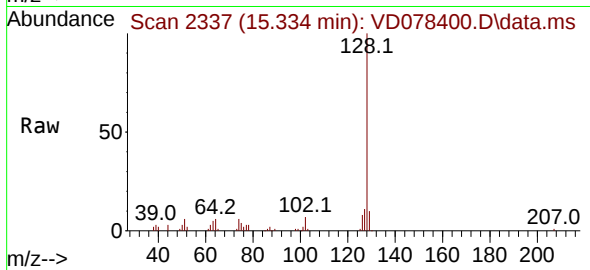
Tgt Ion:225 Resp: 19929
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 94.8
 227 61.0 31.7 95.1





#95
Naphthalene
Concen: 20.469 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

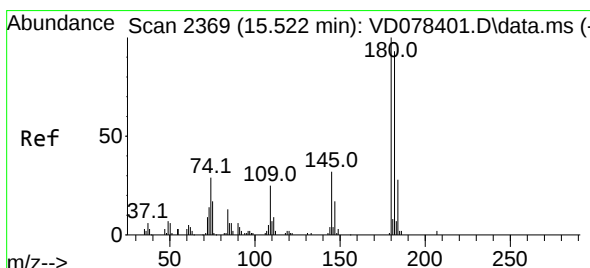
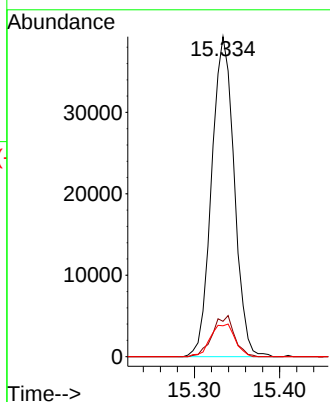
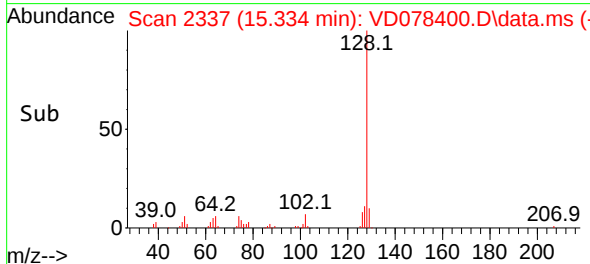
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 72370
Ion Ratio Lower Upper
128 100
127 11.0 10.5 15.7
129 9.7 8.7 13.1

Manual Integrations
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Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.878 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion:180 Resp: 32114
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.9
145 32.8 15.1 45.3

