

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
 Data File : VD078907.D
 Acq On : 13 May 2024 11:17
 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: May 14 06:07:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 05:58:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	136348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	224187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	26497	20.718	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	41.440%#	
35) Dibromofluoromethane	7.804	113	29648	19.867	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	39.740%#	
50) Toluene-d8	10.269	98	111076	19.854	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	39.700%#	
62) 4-Bromofluorobenzene	12.575	95	30858	19.634	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	39.260%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	25364	19.908	ug/l	97
3) Chloromethane	2.152	50	39466	21.317	ug/l	91
4) Vinyl Chloride	2.287	62	57354	20.606	ug/l	97
5) Bromomethane	2.687	94	57745	22.088	ug/l	99
6) Chloroethane	2.834	64	49545	20.315	ug/l	96
7) Trichlorofluoromethane	3.175	101	46108	17.267	ug/l	97
8) Diethyl Ether	3.593	74	12422	19.963	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	28291	20.064	ug/l	96
10) Methyl Iodide	4.163	142	33292	19.762	ug/l	97
11) Tert butyl alcohol	5.058	59	5750	102.678	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	27372	19.831	ug/l	92
13) Acrolein	3.793	56	11942	93.798	ug/l	86
14) Allyl chloride	4.563	41	26011	19.313	ug/l	94
15) Acrylonitrile	5.252	53	23984	97.016	ug/l	95
16) Acetone	4.022	43	17122	83.963	ug/l	98
17) Carbon Disulfide	4.269	76	91106	21.640	ug/l	100
18) Methyl Acetate	4.569	43	9322	19.854	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	50523	18.786	ug/l	93
20) Methylene Chloride	4.810	84	38123	19.993	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	30058	19.538	ug/l	97
22) Diisopropyl ether	6.216	45	59260	19.453	ug/l	98
23) Vinyl Acetate	6.157	43	176681	96.699	ug/l	99
24) 1,1-Dichloroethane	6.110	63	46780	19.372	ug/l	99
25) 2-Butanone	7.087	43	24451	89.650	ug/l	92
26) 2,2-Dichloropropane	7.069	77	41290	19.456	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	34264	18.967	ug/l	97
28) Bromochloromethane	7.422	49	16376	20.334	ug/l	95
29) Tetrahydrofuran	7.446	42	16099	102.052	ug/l	94
30) Chloroform	7.593	83	54948	20.089	ug/l	95
31) Cyclohexane	7.881	56	37219	19.919	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	45917	19.603	ug/l	99
36) 1,1-Dichloropropene	8.004	75	36890	19.865	ug/l	99
37) Ethyl Acetate	7.169	43	11685m	18.463	ug/l	
38) Carbon Tetrachloride	7.993	117	41953	19.304	ug/l	88
39) Methylcyclohexane	9.275	83	44270	19.620	ug/l	98
40) Benzene	8.251	78	117716	19.598	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	6039	17.733	ug/l	96
42) 1,2-Dichloroethane	8.328	62	30136	20.728	ug/l	96
43) Isopropyl Acetate	8.363	43	21088	18.779	ug/l	99
44) Trichloroethene	9.028	130	31181	19.572	ug/l	98
45) 1,2-Dichloropropane	9.304	63	26309	19.932	ug/l	92
46) Dibromomethane	9.393	93	17323	19.936	ug/l	94
47) Bromodichloromethane	9.587	83	40692	19.455	ug/l	88
48) Methyl methacrylate	9.381	41	10429	19.077	ug/l	89
49) 1,4-Dioxane	9.381	88	2995	391.844	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	57482	96.102	ug/l	98
52) Toluene	10.334	92	75208	19.561	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	35176	19.791	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	40770	19.111	ug/l	90
55) 1,1,2-Trichloroethane	10.734	97	22736	20.253	ug/l	93
56) Ethyl methacrylate	10.598	69	21709	18.796	ug/l #	93
57) 1,3-Dichloropropane	10.881	76	34992	20.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	43338	87.329	ug/l	99
59) 2-Hexanone	10.922	43	38838	93.287	ug/l	98
60) Dibromochloromethane	11.075	129	29393	19.207	ug/l	99
61) 1,2-Dibromoethane	11.181	107	20231	19.765	ug/l	97
64) Tetrachloroethene	10.810	164	25822	19.187	ug/l	92
65) Chlorobenzene	11.604	112	85698	19.422	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	29910	19.608	ug/l	96
67) Ethyl Benzene	11.681	91	137154	19.325	ug/l	95
68) m/p-Xylenes	11.792	106	113017	39.168	ug/l	98
69) o-Xylene	12.122	106	48867	18.577	ug/l	92
70) Styrene	12.134	104	89651	19.230	ug/l	99
71) Bromoform	12.298	173	16647	19.051	ug/l #	99
73) Isopropylbenzene	12.422	105	125272	19.345	ug/l	98
74) N-amyl acetate	12.234	43	20049	19.081	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	23444	20.071	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	14637m	19.023	ug/l	
77) Bromobenzene	12.698	156	33034	19.399	ug/l	98
78) n-propylbenzene	12.763	91	157455	20.117	ug/l	100
79) 2-Chlorotoluene	12.851	91	84731	19.477	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	107667	20.012	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	7597	19.723	ug/l	99
82) 4-Chlorotoluene	12.945	91	91779	20.110	ug/l	99
83) tert-Butylbenzene	13.169	119	90625	19.046	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	111036	19.925	ug/l	98
85) sec-Butylbenzene	13.345	105	138023	19.446	ug/l	99
86) p-Isopropyltoluene	13.457	119	120796	19.534	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	68121	18.904	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	68999	19.552	ug/l	98
89) n-Butylbenzene	13.786	91	106126	19.153	ug/l	98
90) Hexachloroethane	14.051	117	25202	19.321	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	57221	18.978	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2778	17.864	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	33857	19.125	ug/l	98
94) Hexachlorobutadiene	15.198	225	17561	18.982	ug/l	98
95) Naphthalene	15.328	128	56949	18.886	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	29584	18.786	ug/l	97

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

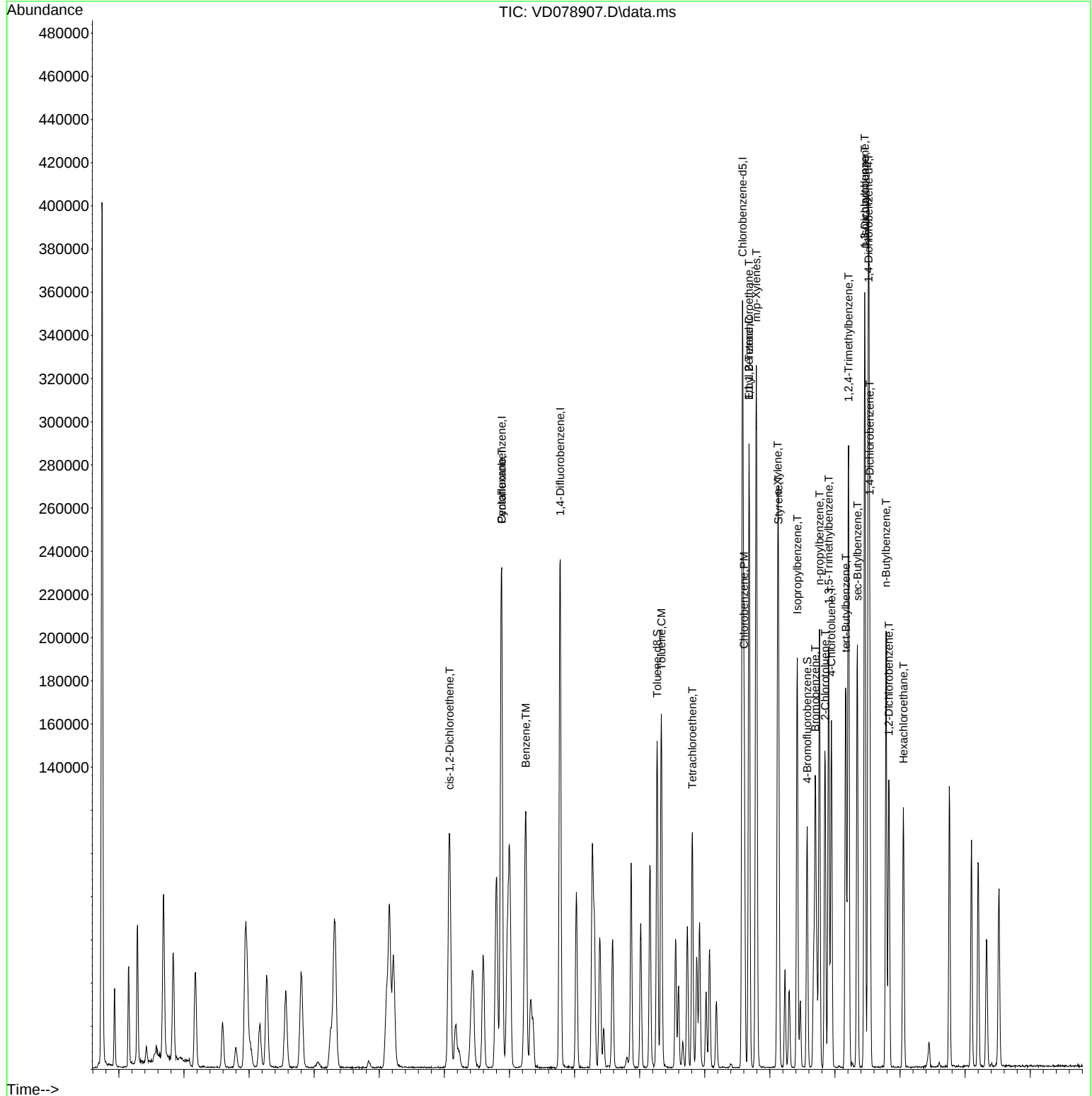
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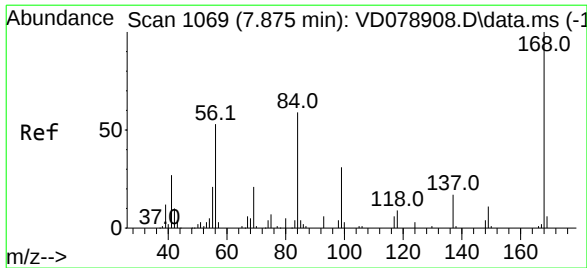
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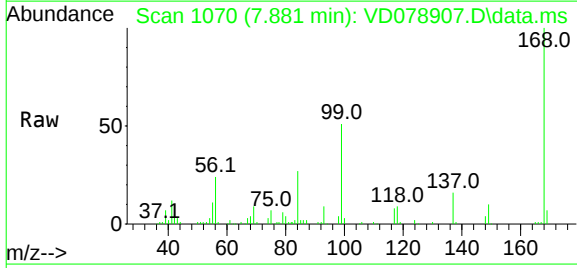
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
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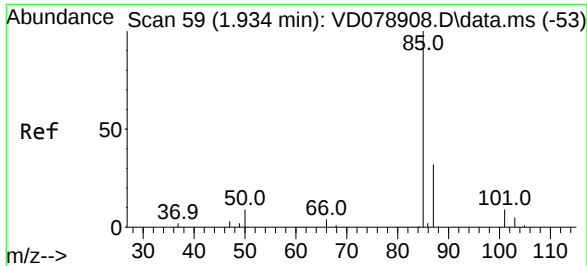
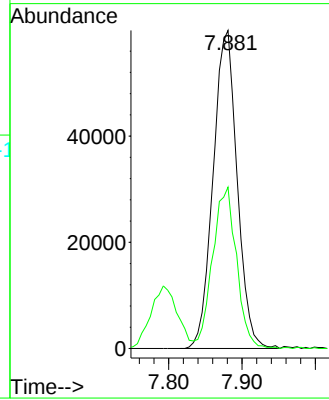
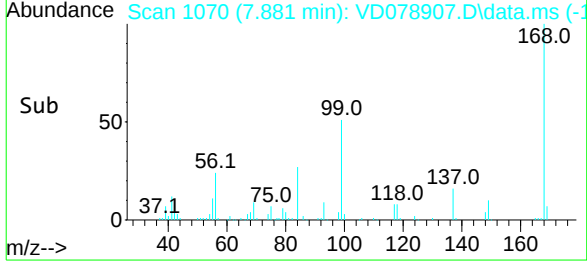
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 136348
Ion Ratio Lower Upper
168 100
99 50.7 41.1 61.7

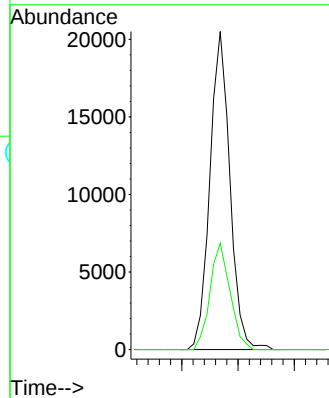
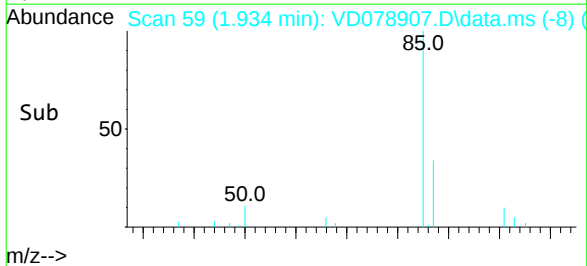
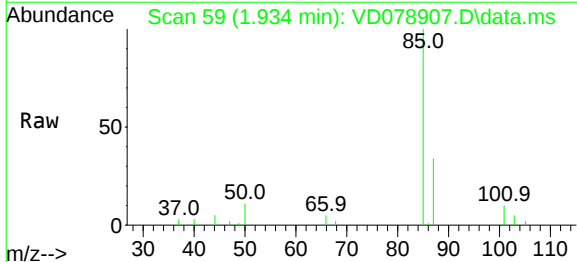
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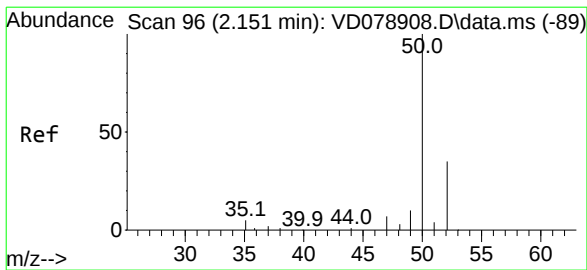
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#2
Dichlorodifluoromethane
Concen: 19.908 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 85 Resp: 25364
Ion Ratio Lower Upper
85 100
87 33.5 16.0 48.0





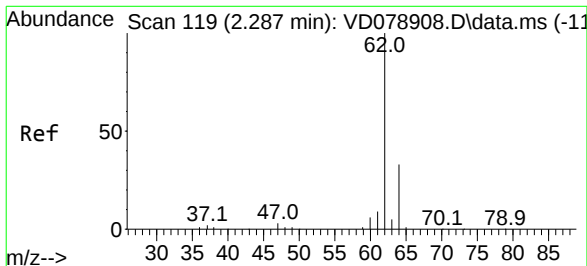
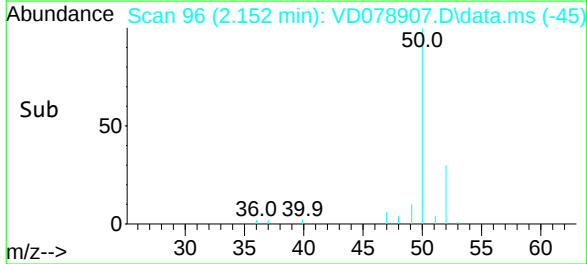
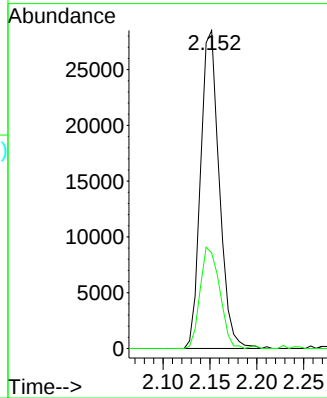
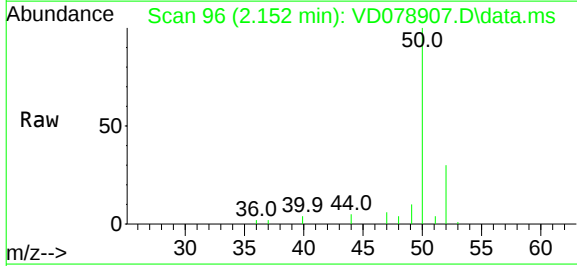
#3
Chloromethane
Concen: 21.317 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.001 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 39466
Ion Ratio Lower Upper
50 100
52 30.0 28.2 42.2

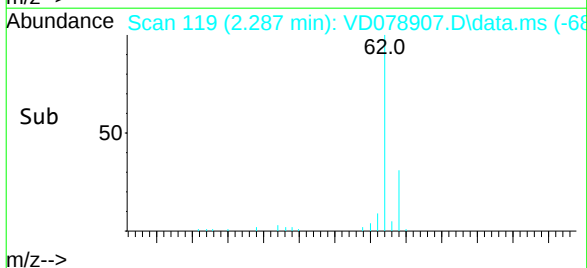
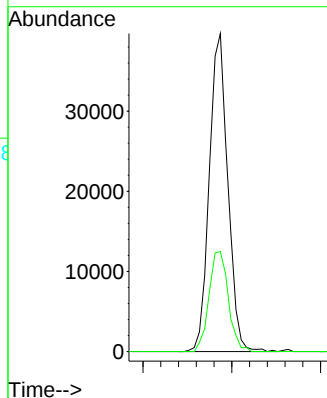
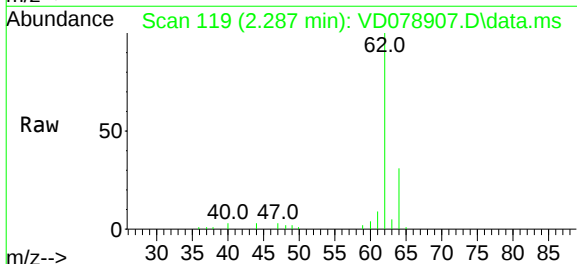
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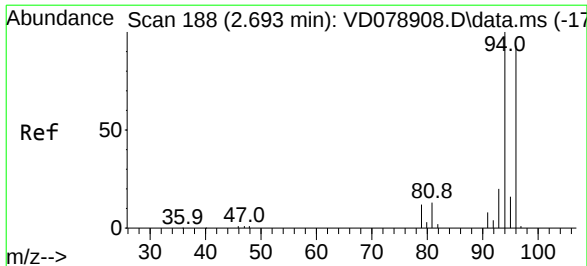
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#4
Vinyl Chloride
Concen: 20.606 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 62 Resp: 57354
Ion Ratio Lower Upper
62 100
64 31.5 26.3 39.5





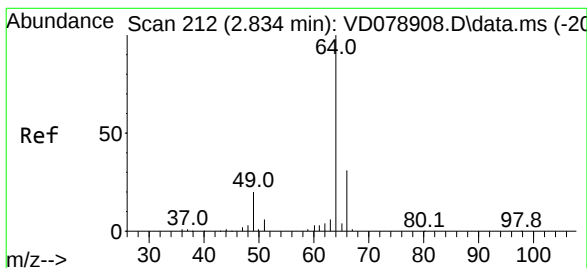
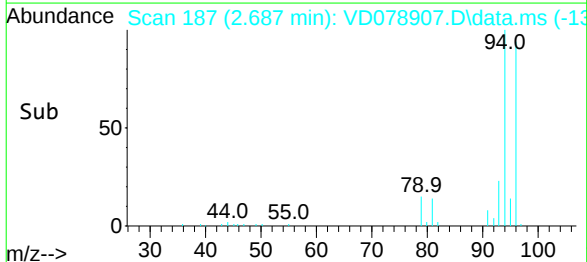
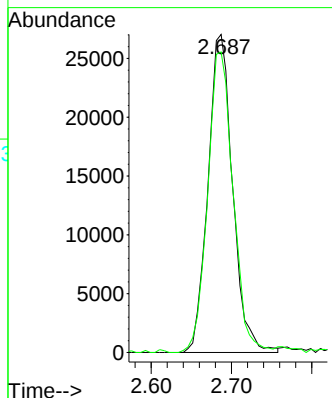
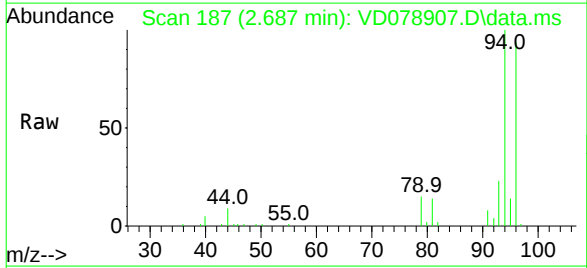
#5
Bromomethane
Concen: 22.088 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

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ClientSampleId :
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Tgt Ion: 94 Resp: 57745
Ion Ratio Lower Upper
94 100
96 97.2 76.9 115.3

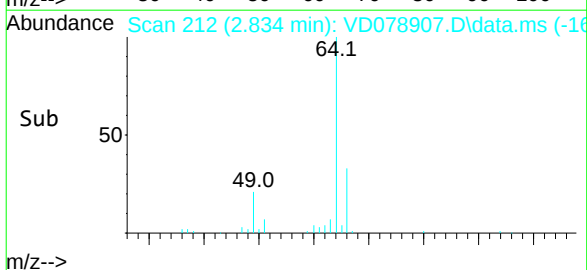
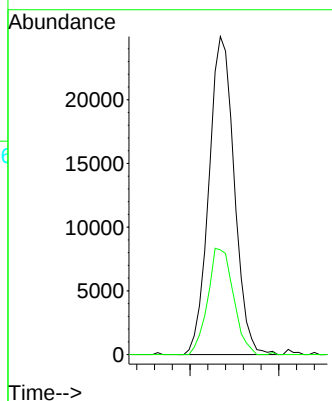
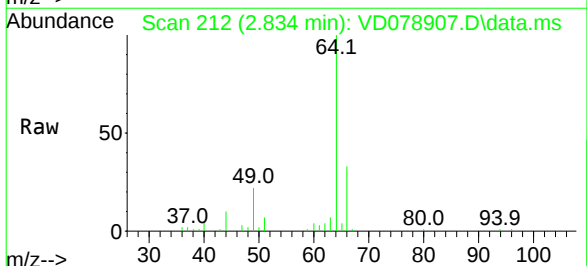
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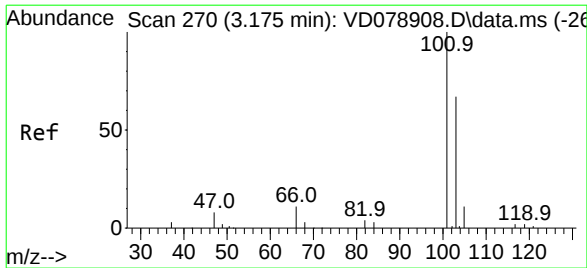
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#6
Chloroethane
Concen: 20.315 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

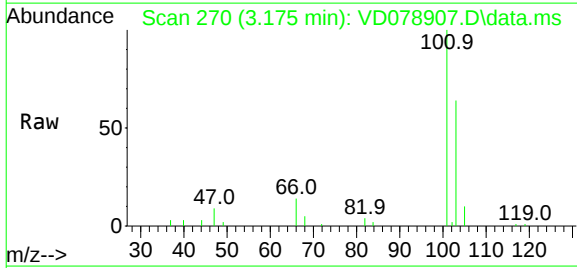
Tgt Ion: 64 Resp: 49545
Ion Ratio Lower Upper
64 100
66 32.9 24.5 36.7





#7
Trichlorofluoromethane
Concen: 17.267 ug/l
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

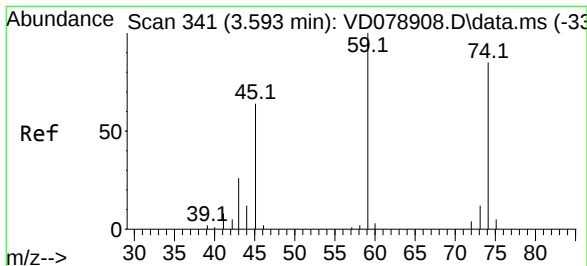
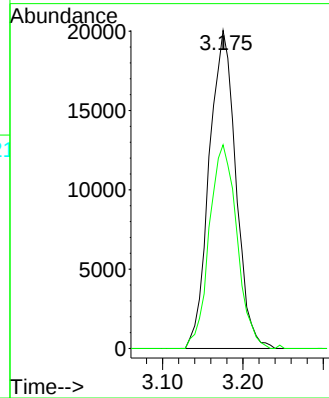
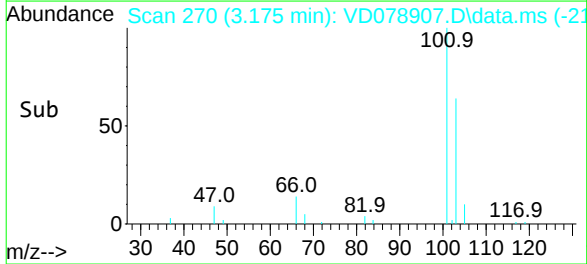
Instrument :
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Tgt Ion:101 Resp: 46108
Ion Ratio Lower Upper
101 100
103 64.0 53.2 79.8

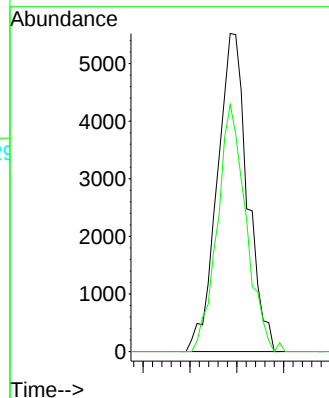
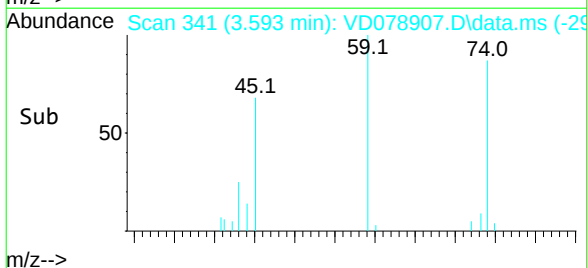
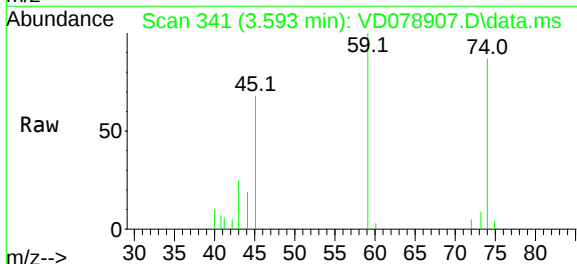
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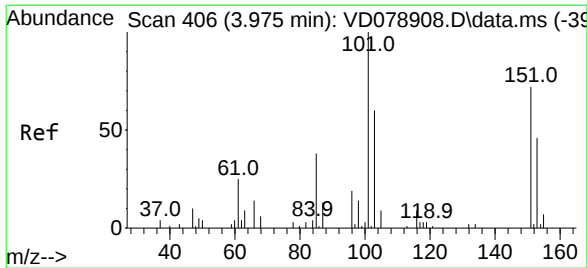
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#8
Diethyl Ether
Concen: 19.963 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

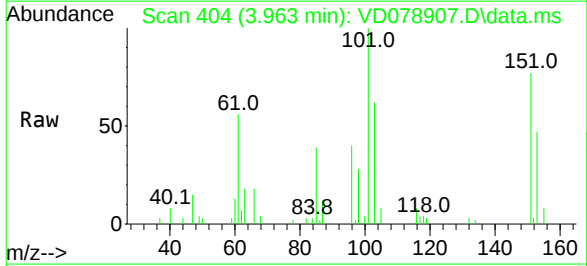
Tgt Ion: 74 Resp: 12422
Ion Ratio Lower Upper
74 100
45 73.3 37.9 113.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.064 ug/l
RT: 3.963 min Scan# 40
Delta R.T. -0.011 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

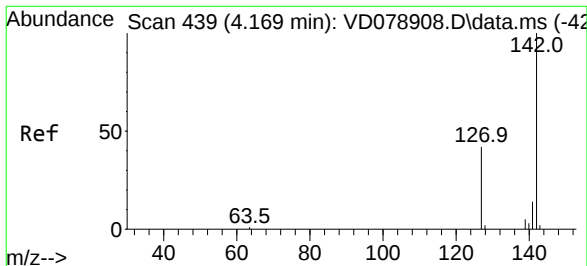
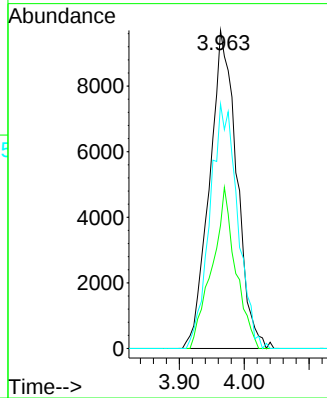
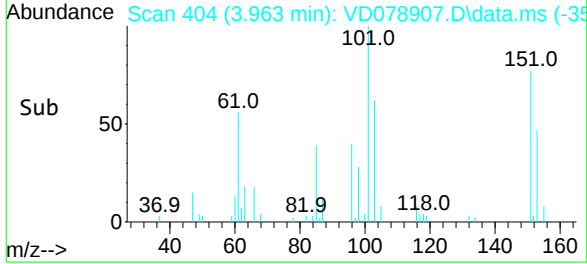
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



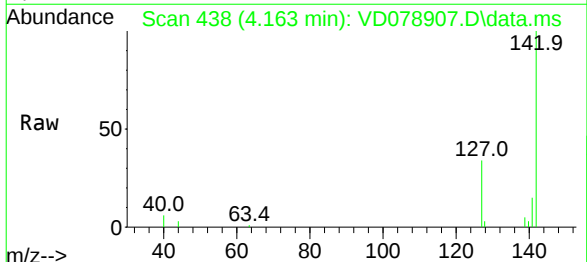
Tgt Ion:101 Resp: 28291
Ion Ratio Lower Upper
101 100
85 44.0 33.5 50.3
151 78.6 60.3 90.5

Manual Integrations
APPROVED

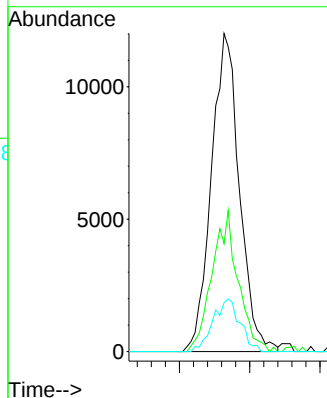
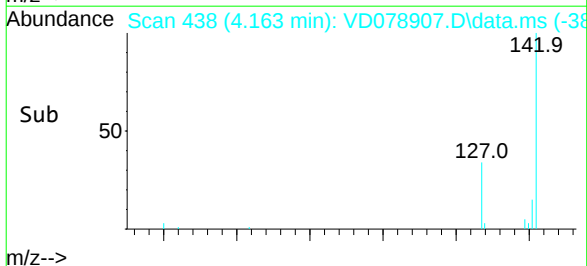
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

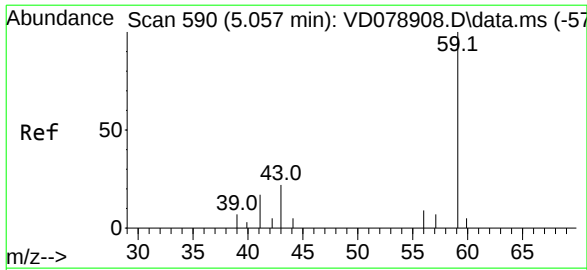


#10
Methyl Iodide
Concen: 19.762 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17



Tgt Ion:142 Resp: 33292
Ion Ratio Lower Upper
142 100
127 41.2 34.2 51.4
141 15.9 11.7 17.5





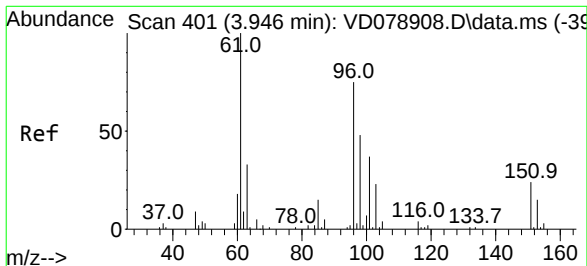
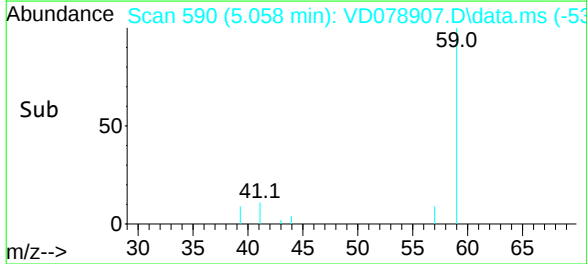
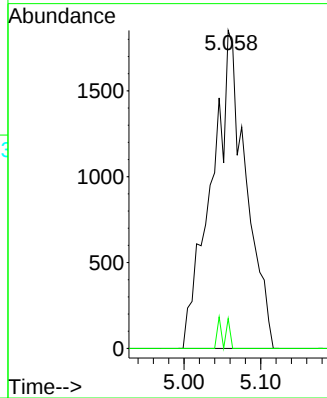
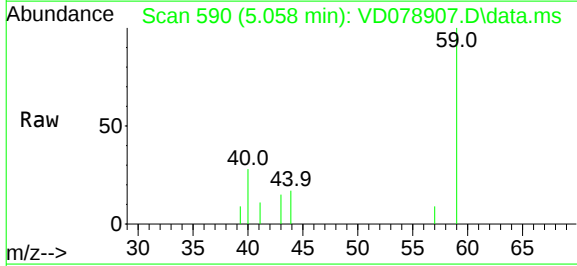
#11
Tert butyl alcohol
Concen: 102.678 ug/l
RT: 5.058 min Scan# 59
Delta R.T. 0.001 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 5750
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#

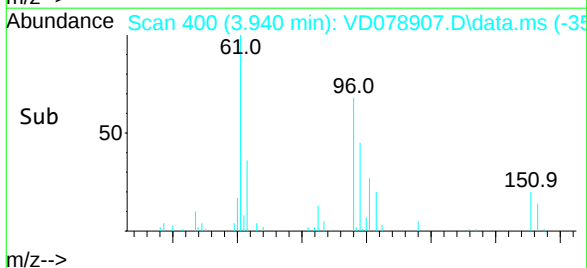
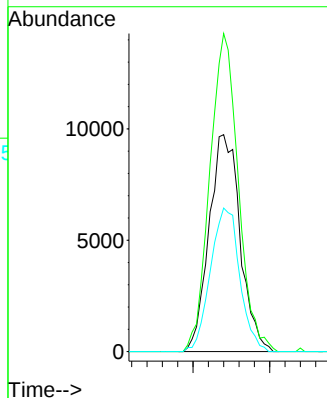
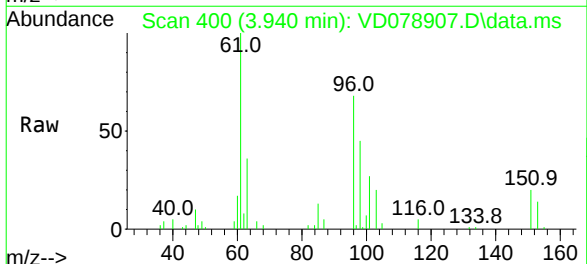
Manual Integrations
APPROVED

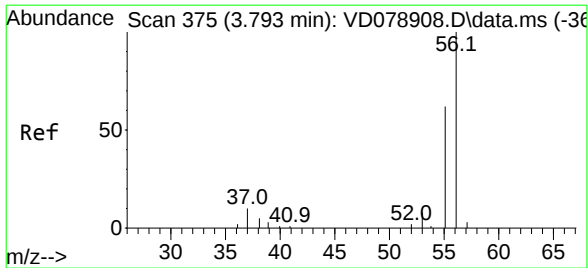
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#12
1,1-Dichloroethene
Concen: 19.831 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 96 Resp: 27372
Ion Ratio Lower Upper
96 100
61 146.6 107.3 160.9
98 66.2 51.7 77.5





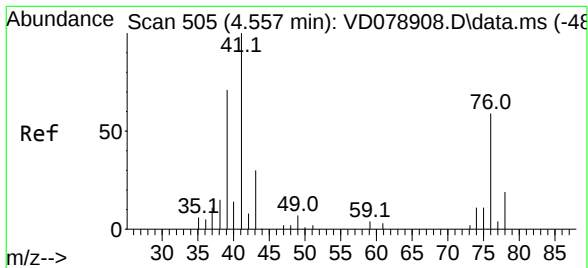
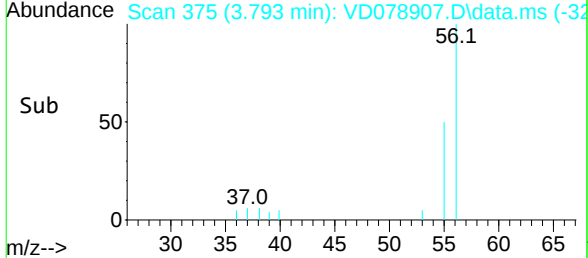
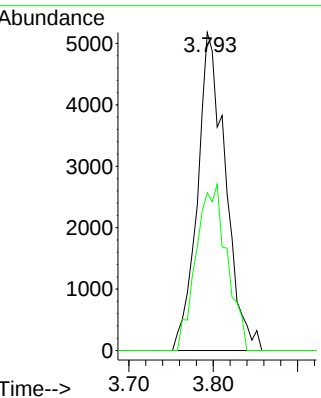
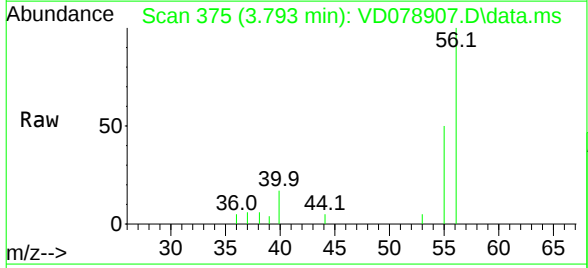
#13
Acrolein
Concen: 93.798 ug/l
RT: 3.793 min Scan# 375
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:	56	Resp:	11942
Ion	Ratio	Lower	Upper
56	100		
55	57.4	55.3	82.9

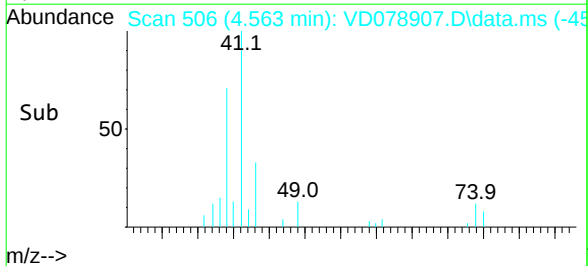
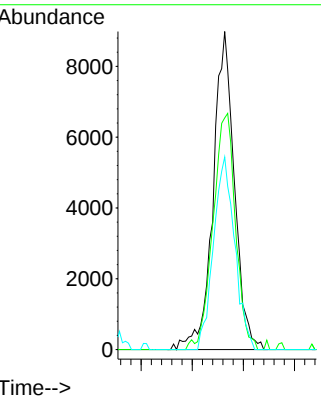
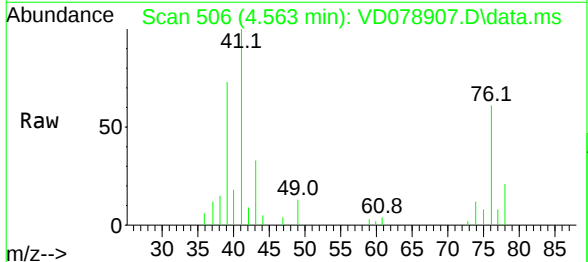
Manual Integrations
APPROVED

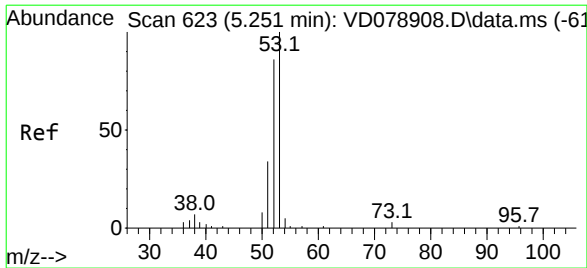
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#14
Allyl chloride
Concen: 19.313 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

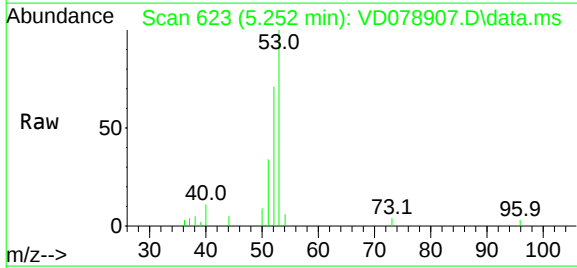
Tgt Ion:	41	Resp:	26011
Ion	Ratio	Lower	Upper
41	100		
39	78.5	58.0	87.0
76	59.9	45.9	68.9





#15
Acrylonitrile
Concen: 97.016 ug/l
RT: 5.252 min Scan# 623
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

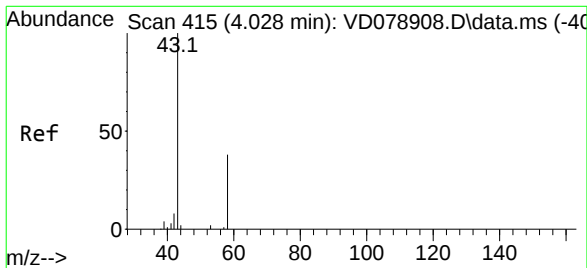
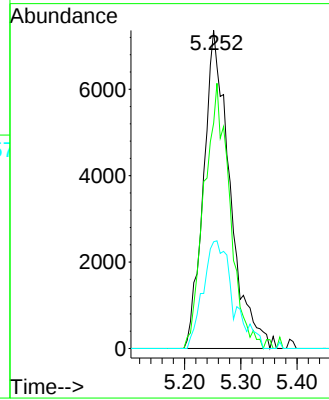
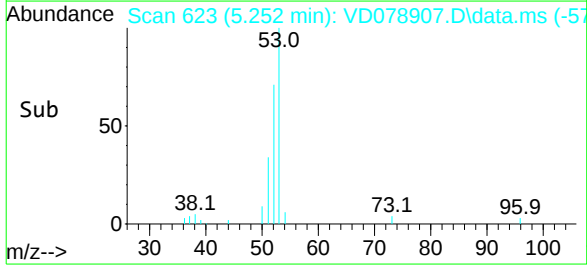
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion	Ratio	Lower	Upper
53	100		
52	80.7	67.7	101.5
51	38.8	28.6	42.8

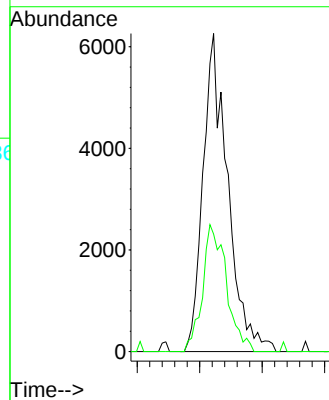
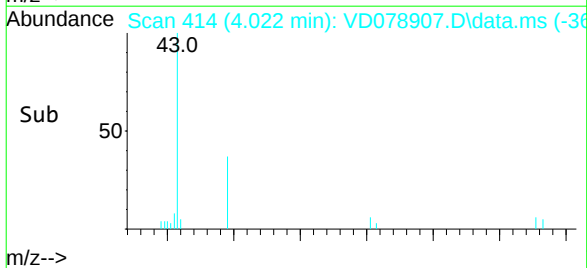
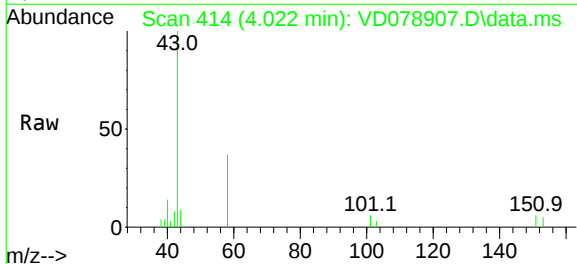
Manual Integrations
APPROVED

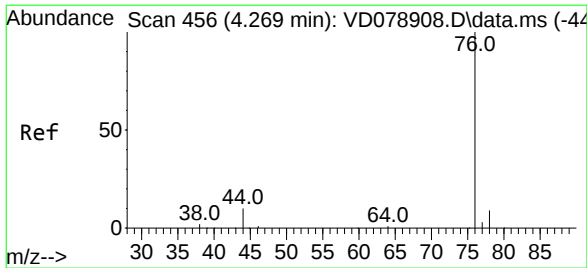
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#16
Acetone
Concen: 83.963 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

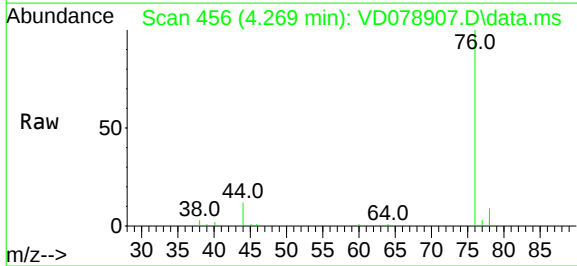
Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.9	30.4	45.6





#17
Carbon Disulfide
Concen: 21.640 ug/l
RT: 4.269 min Scan# 45
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

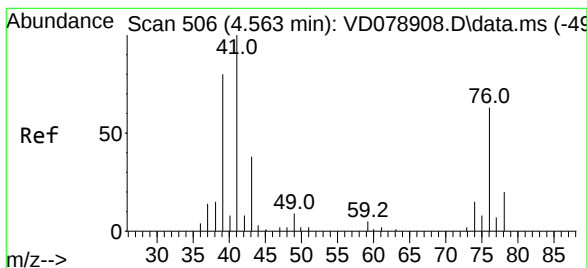
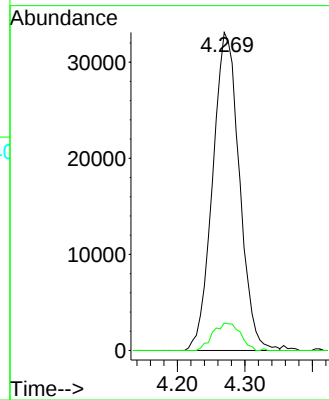
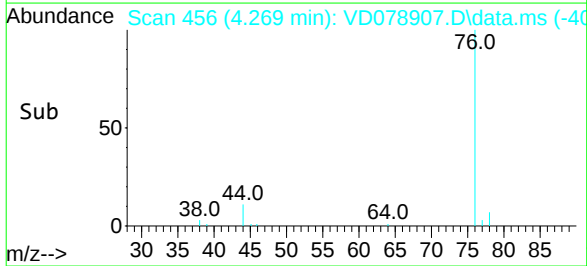
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



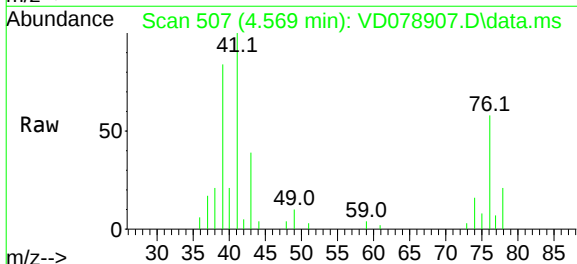
Tgt Ion: 76 Resp: 91106
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3

Manual Integrations
APPROVED

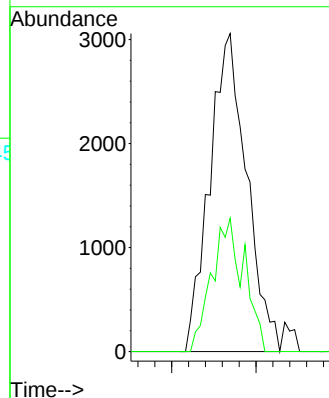
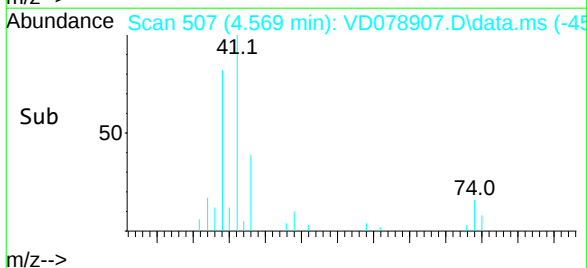
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

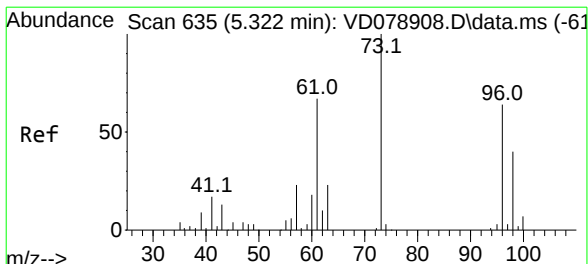


#18
Methyl Acetate
Concen: 19.854 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17



Tgt Ion: 43 Resp: 9322
Ion Ratio Lower Upper
43 100
74 36.6 28.1 42.1





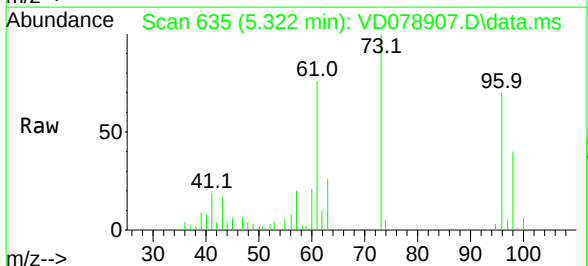
#19
Methyl tert-butyl Ether
Concen: 18.786 ug/l
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

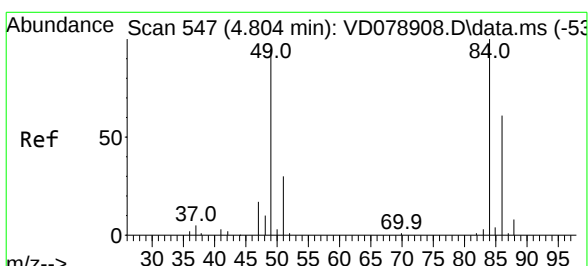
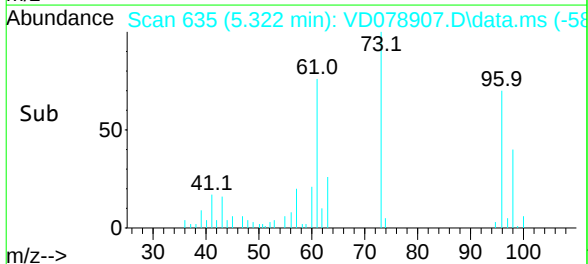
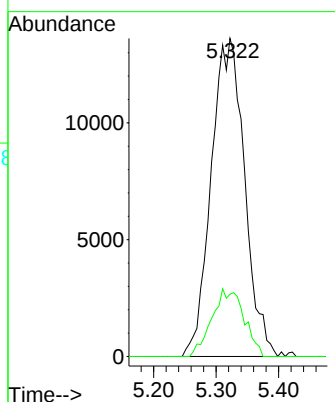
VSTDIC020



Tgt Ion:	73	Resp:	50523
Ion	Ratio	Lower	Upper
73	100		
57	19.6	18.3	27.5

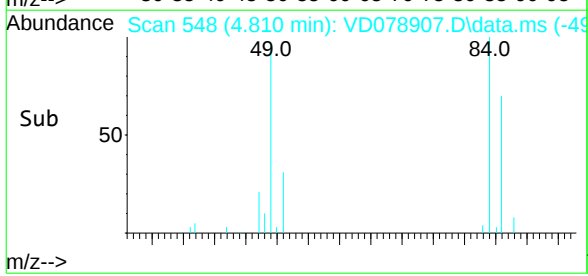
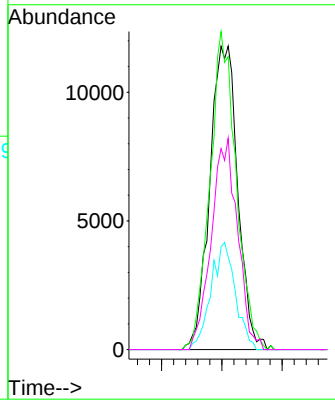
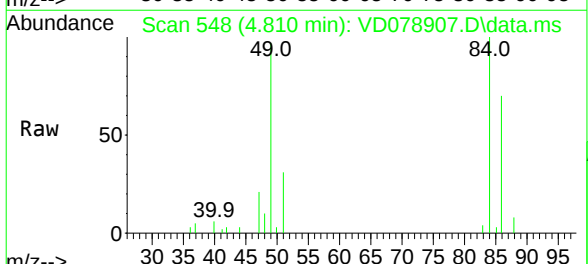
Manual Integrations
APPROVED

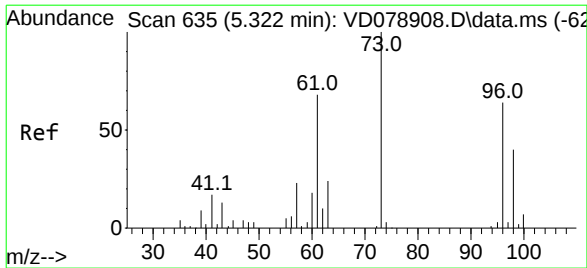
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#20
Methylene Chloride
Concen: 19.993 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

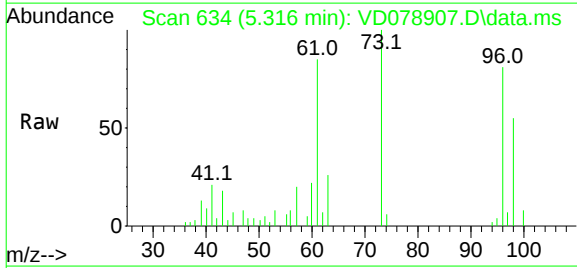
Tgt Ion:	84	Resp:	38123
Ion	Ratio	Lower	Upper
84	100		
49	96.5	75.6	113.4
51	30.6	24.2	36.2
86	69.6	49.2	73.8





#21
trans-1,2-Dichloroethene
Concen: 19.538 ug/l
RT: 5.316 min Scan# 635
Delta R.T. -0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

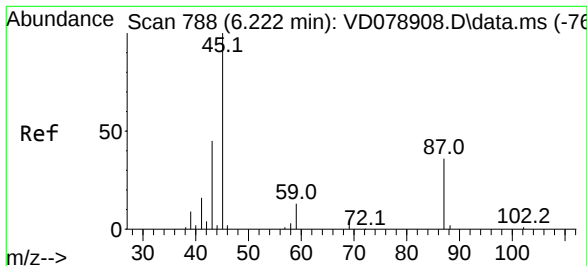
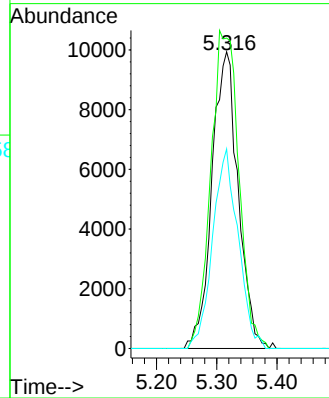
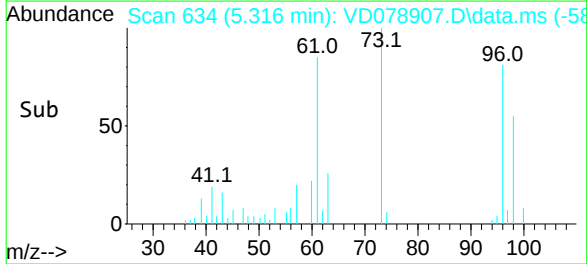
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



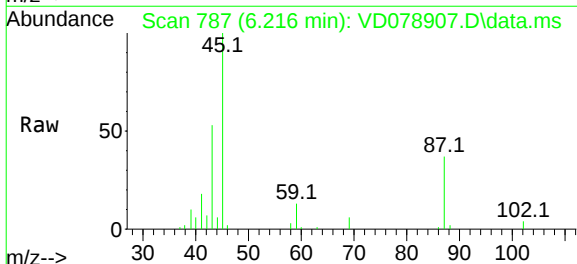
Tgt Ion: 96 Resp: 30058
Ion Ratio Lower Upper
96 100
61 104.6 84.5 126.7
98 67.3 50.5 75.7

Manual Integrations
APPROVED

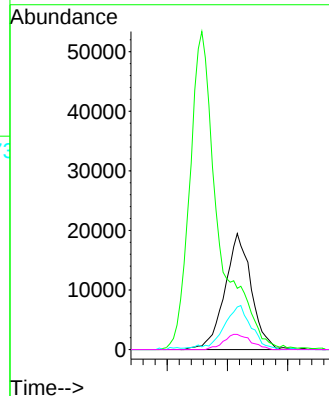
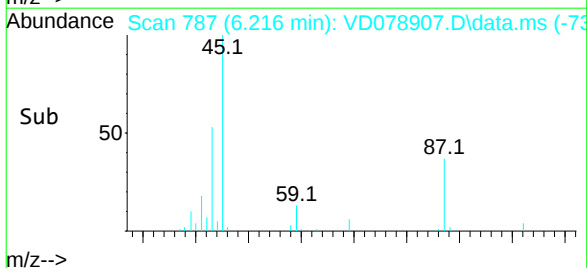
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

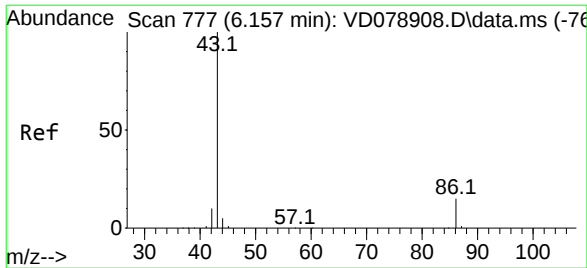


#22
Diisopropyl ether
Concen: 19.453 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17



Tgt Ion: 45 Resp: 59260
Ion Ratio Lower Upper
45 100
43 50.7 41.7 62.5
87 36.7 30.2 45.2
59 13.1 11.0 16.6





#23

Vinyl Acetate

Concen: 96.699 ug/l

RT: 6.157 min Scan# 777

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 176681

Ion Ratio Lower Upper

43 100

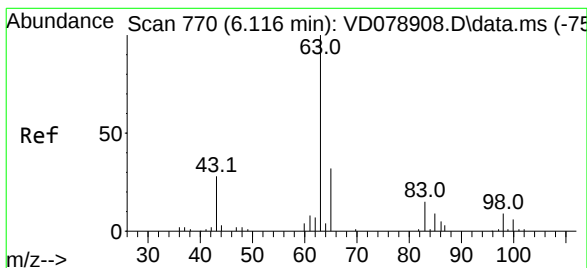
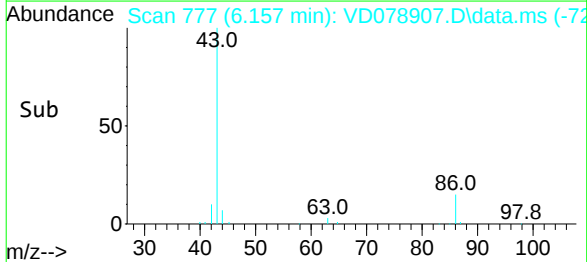
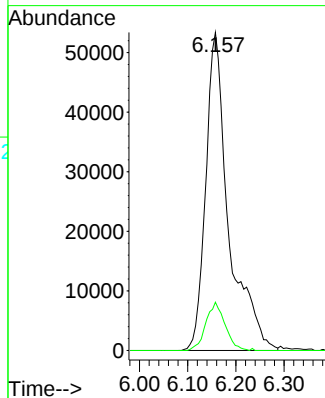
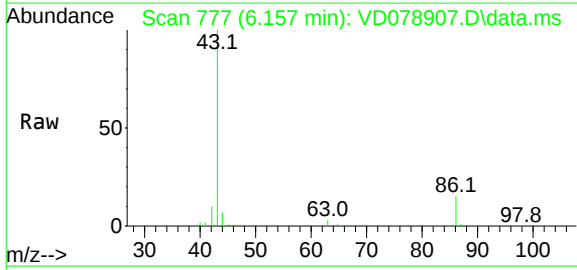
86 15.2 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#24

1,1-Dichloroethane

Concen: 19.372 ug/l

RT: 6.110 min Scan# 769

Delta R.T. -0.006 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

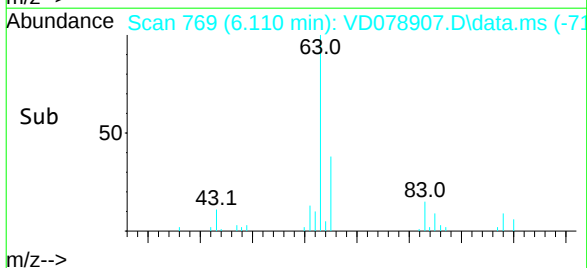
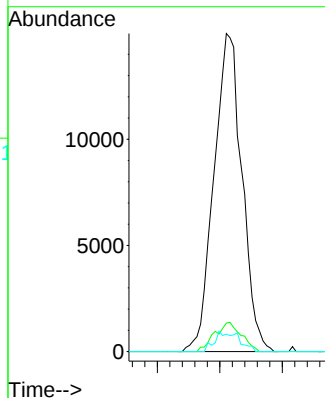
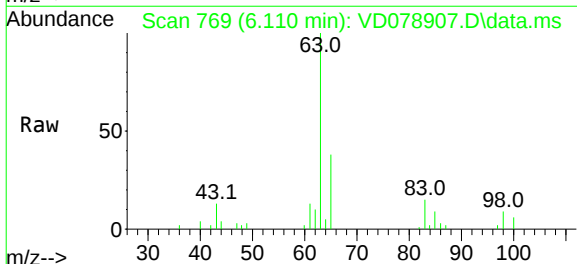
Tgt Ion: 63 Resp: 46780

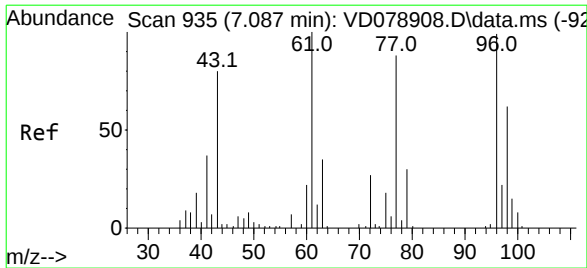
Ion Ratio Lower Upper

63 100

98 9.0 4.7 14.0

100 5.5 2.9 8.6





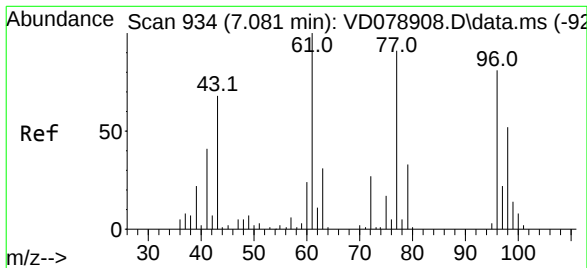
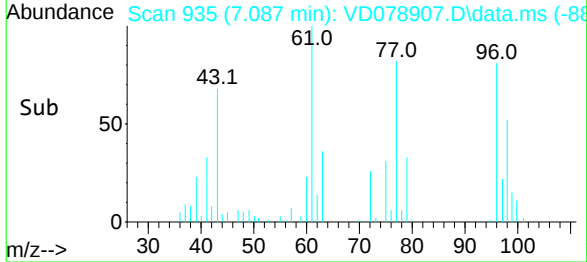
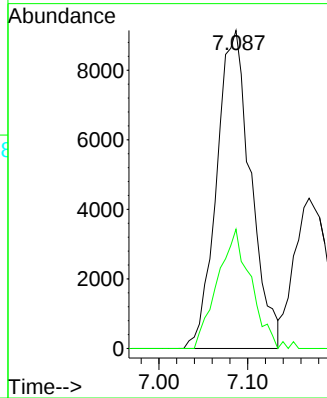
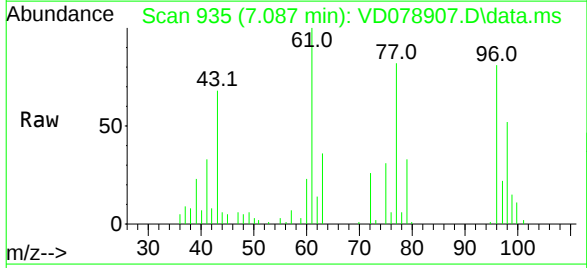
#25
2-Butanone
Concen: 89.650 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 24451
Ion Ratio Lower Upper
43 100
72 37.5 26.4 39.6

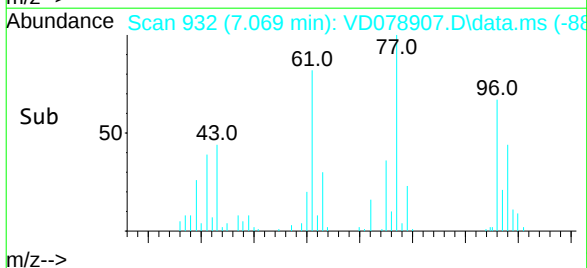
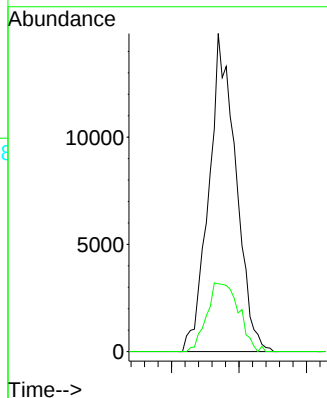
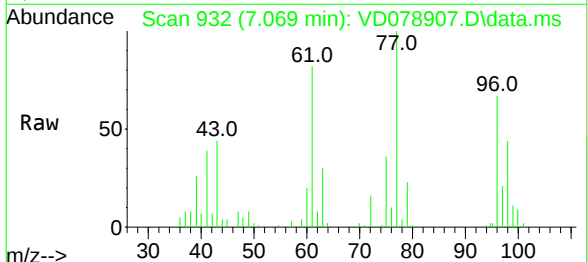
Manual Integrations
APPROVED

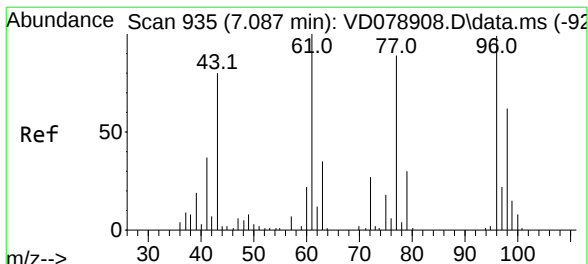
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#26
2,2-Dichloropropane
Concen: 19.456 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.011 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

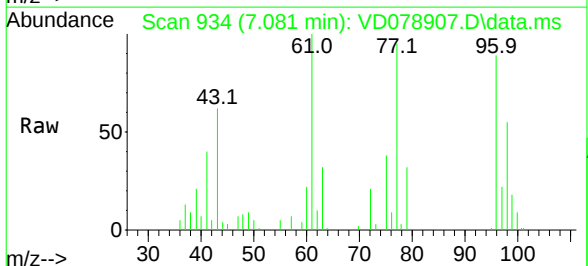
Tgt Ion: 77 Resp: 41290
Ion Ratio Lower Upper
77 100
97 25.4 12.4 37.2





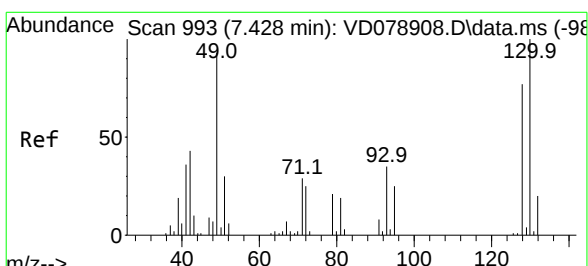
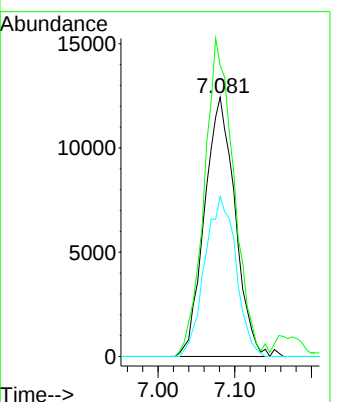
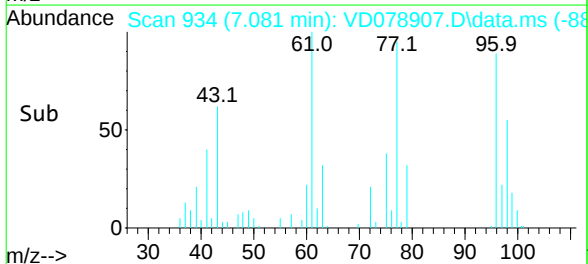
#27
 cis-1,2-Dichloroethene
 Concen: 18.967 ug/l
 RT: 7.081 min Scan# 93
 Delta R.T. -0.006 min
 Lab File: VD078907.D
 Acq: 13 May 2024 11:17

Instrument : MSVOA_D
 ClientSampleId : VSTDICC020

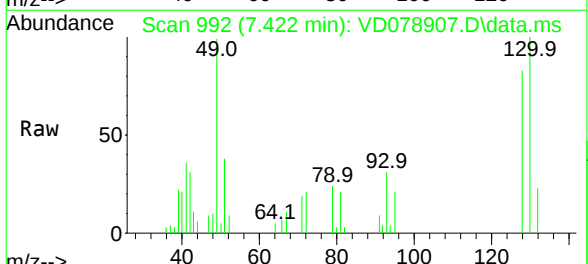


Tgt Ion:	96	Resp:	34264
Ion	Ratio	Lower	Upper
96	100		
61	118.9	0.0	229.0
98	63.2	0.0	127.2

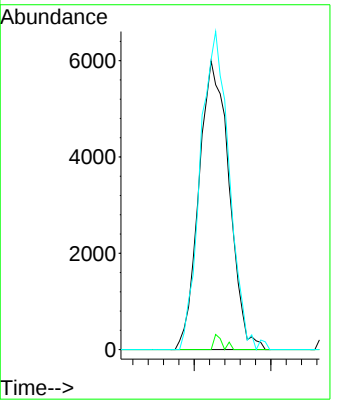
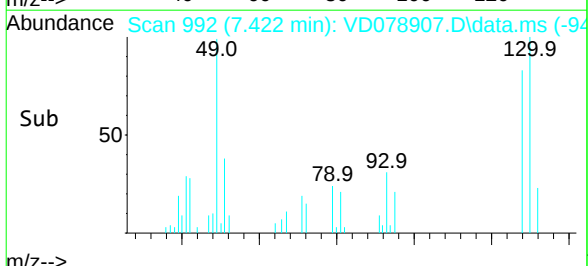
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

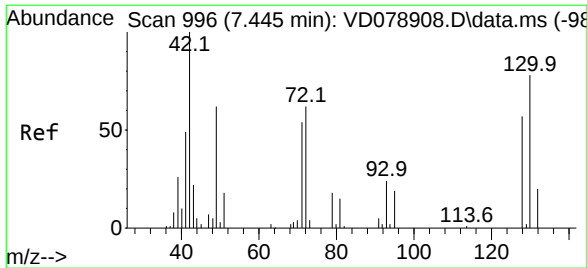


#28
 Bromochloromethane
 Concen: 20.334 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078907.D
 Acq: 13 May 2024 11:17



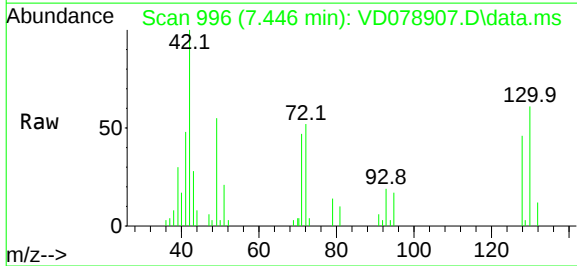
Tgt Ion:	49	Resp:	16376
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	7.0
130	104.7	87.7	131.5





#29
Tetrahydrofuran
Concen: 102.052 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

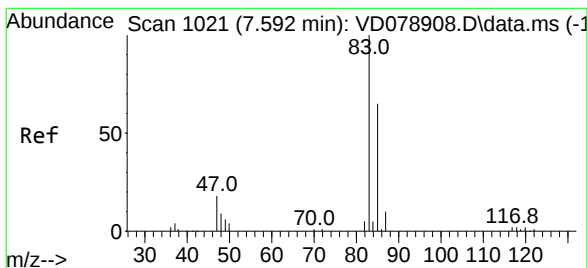
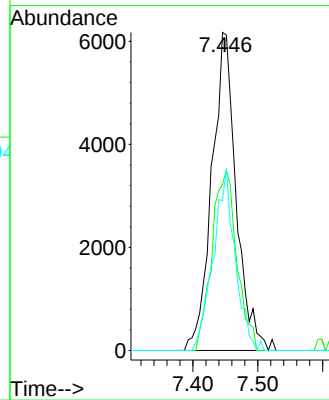
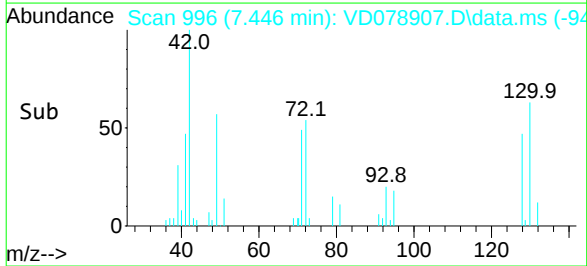
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 42 Resp: 16099
Ion Ratio Lower Upper
42 100
72 57.8 49.4 74.0
71 51.4 45.0 67.6

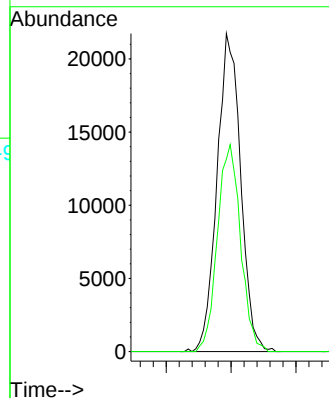
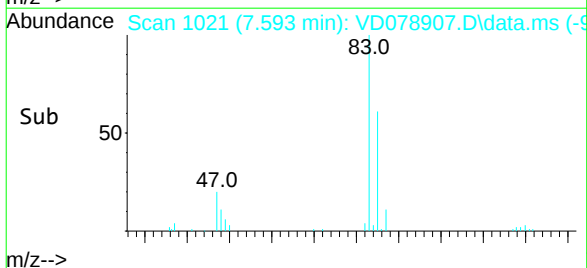
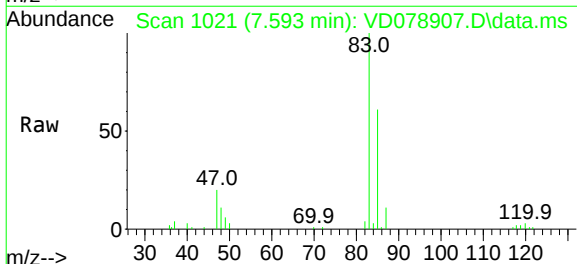
Manual Integrations
APPROVED

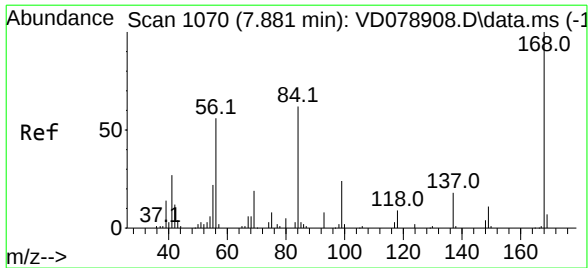
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#30
Chloroform
Concen: 20.089 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

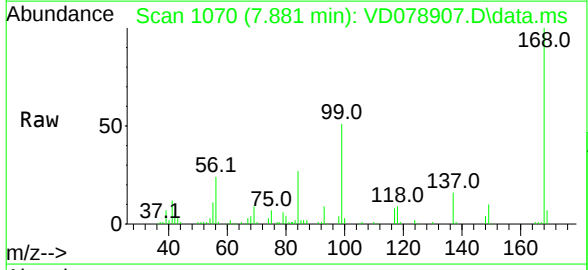
Tgt Ion: 83 Resp: 54948
Ion Ratio Lower Upper
83 100
85 60.5 51.8 77.6





#31
Cyclohexane
Concen: 19.919 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

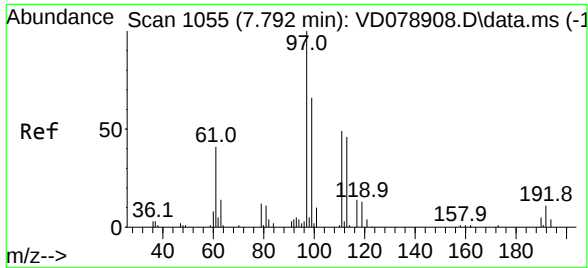
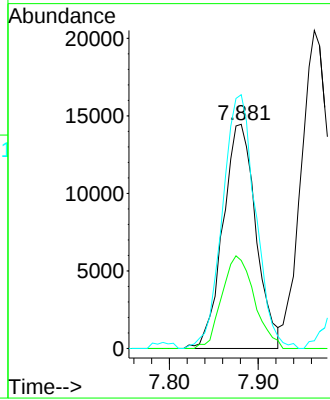
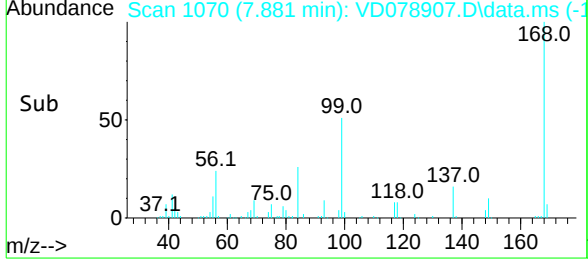
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



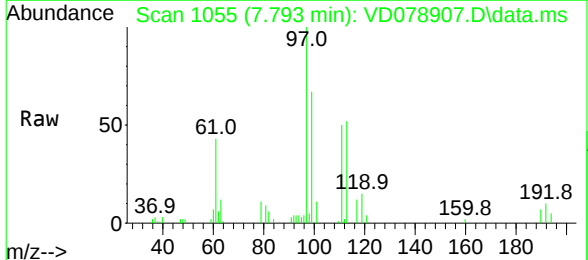
Tgt Ion: 56 Resp: 37219
Ion Ratio Lower Upper
56 100
69 39.3 28.0 42.0
84 113.2 87.4 131.0

Manual Integrations
APPROVED

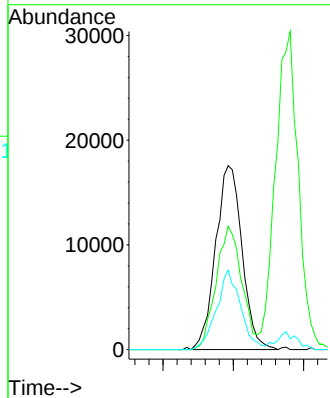
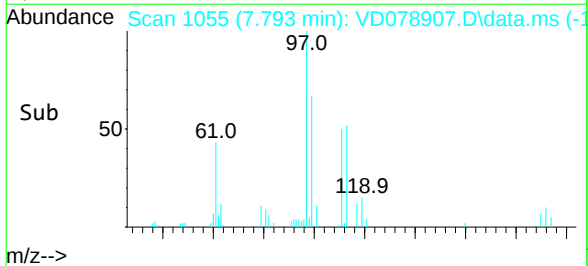
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

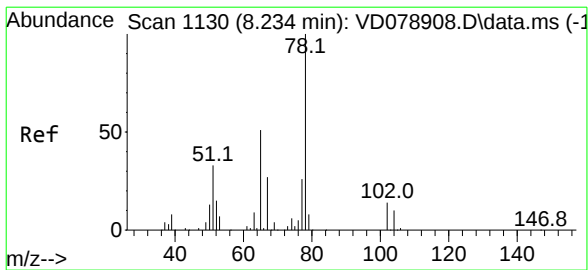


#32
1,1,1-Trichloroethane
Concen: 19.603 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17



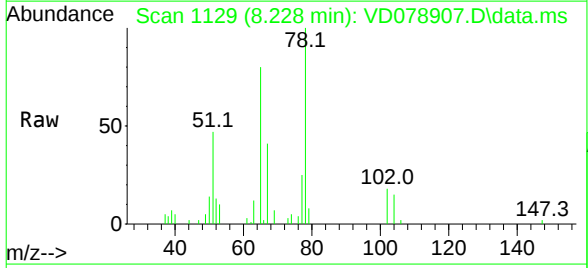
Tgt Ion: 97 Resp: 45917
Ion Ratio Lower Upper
97 100
99 65.5 51.3 76.9
61 39.3 31.4 47.2





#33
 1,2-Dichloroethane-d4
 Concen: 20.718 ug/l
 RT: 8.228 min Scan# 1119
 Delta R.T. -0.006 min
 Lab File: VD078907.D
 Acq: 13 May 2024 11:17

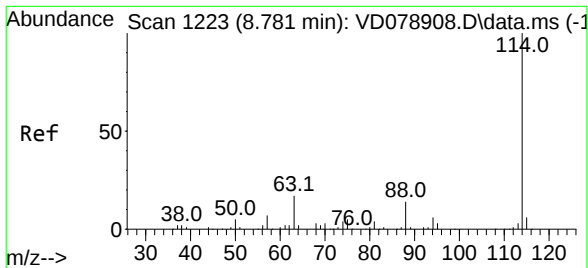
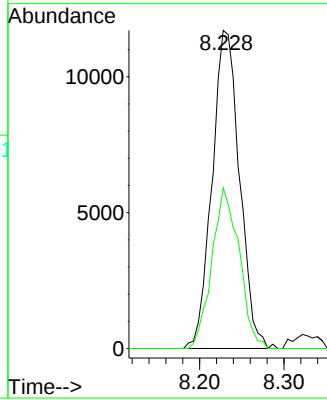
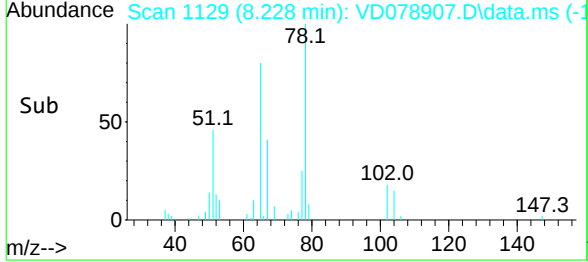
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



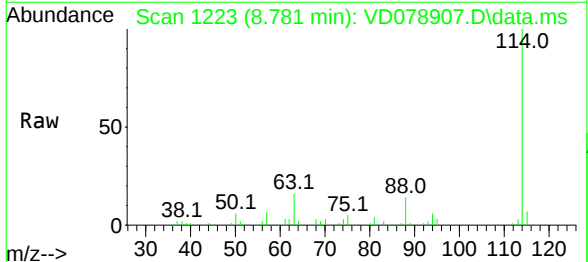
Tgt Ion: 65 Resp: 26497
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 111.0

Manual Integrations
APPROVED

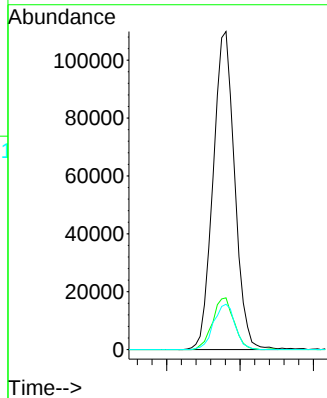
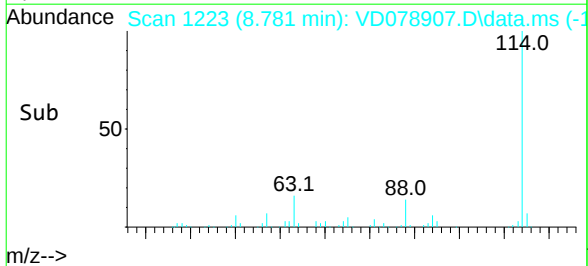
Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

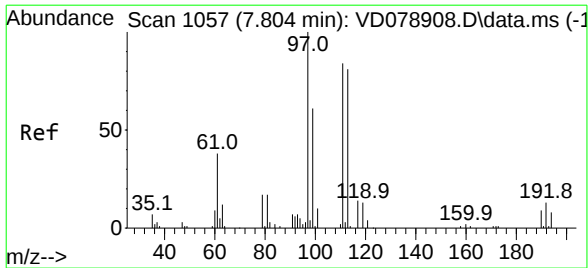


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: VD078907.D
 Acq: 13 May 2024 11:17



Tgt Ion:114 Resp: 224187
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 34.0
 88 14.3 0.0 27.2





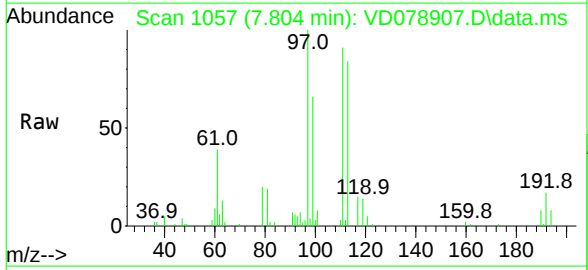
#35
 Dibromofluoromethane
 Concen: 19.867 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VD078907.D
 Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

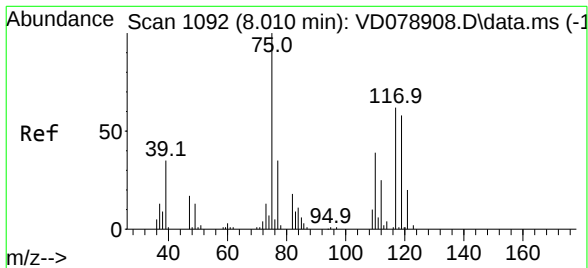
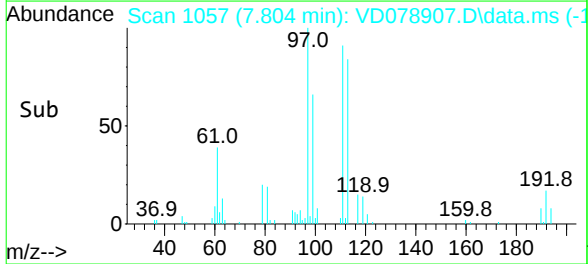
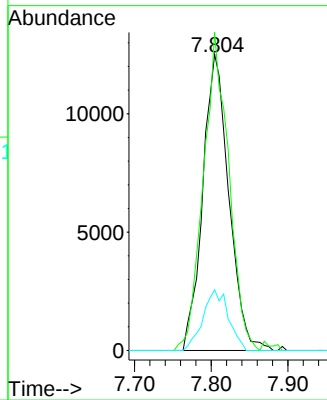


Tgt Ion:	113	Resp:	29648
Ion	Ratio	Lower	Upper
113	100		
111	104.5	84.0	126.0
192	19.9	15.4	23.0

Manual Integrations

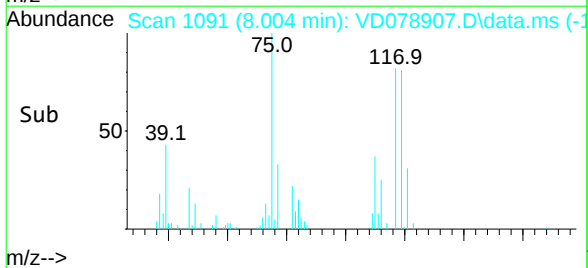
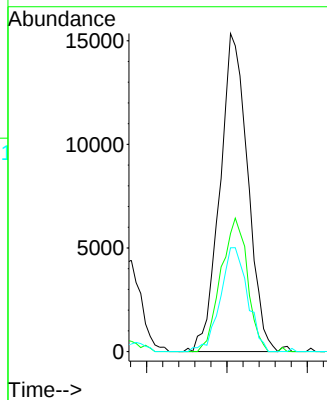
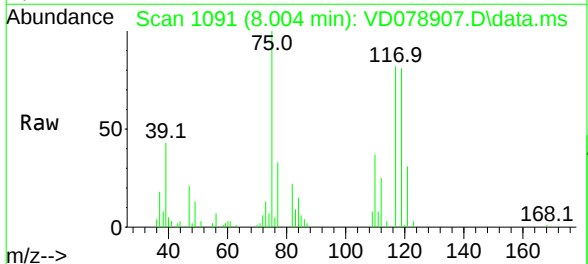
APPROVED

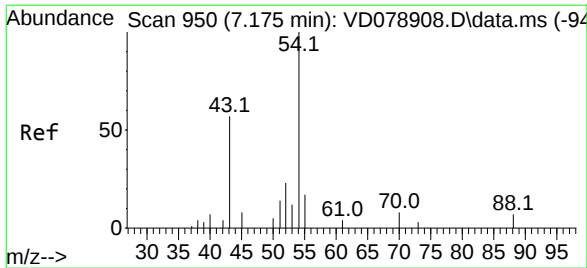
Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#36
 1,1-Dichloropropene
 Concen: 19.865 ug/l
 RT: 8.004 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: VD078907.D
 Acq: 13 May 2024 11:17

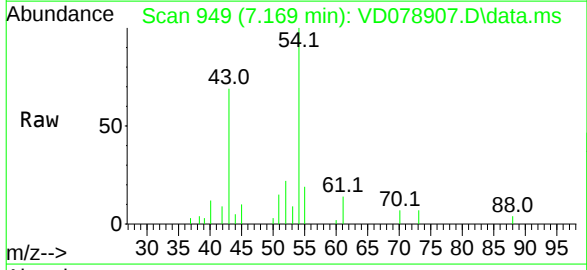
Tgt Ion:	75	Resp:	36890
Ion	Ratio	Lower	Upper
75	100		
110	40.0	19.6	58.7
77	31.9	26.1	39.1





#37
Ethyl Acetate
Concen: 18.463 ug/l m
RT: 7.169 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

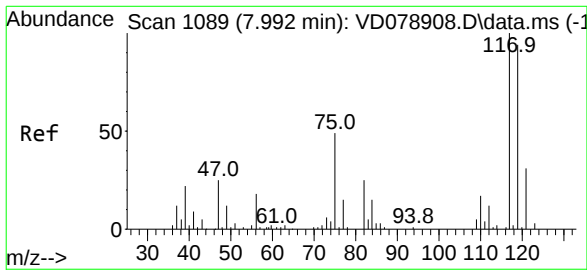
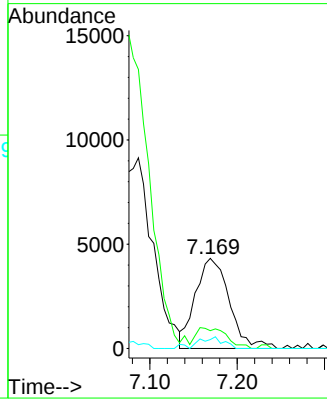
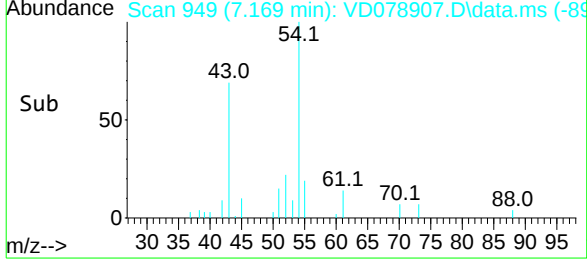
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



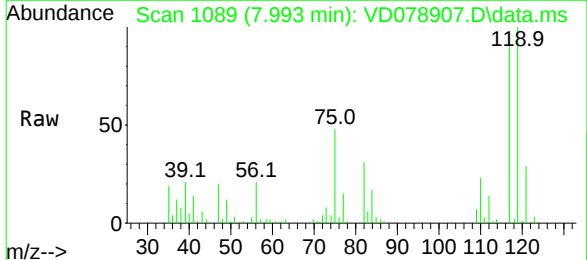
Tgt Ion: 43 Resp: 11685
Ion Ratio Lower Upper
43 100
61 20.5 13.9 20.9
70 9.6 9.8 14.6

Manual Integrations
APPROVED

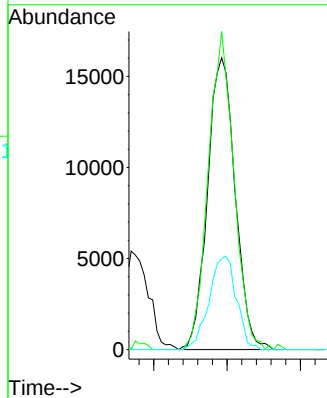
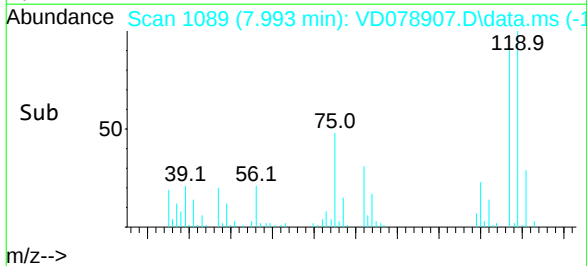
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

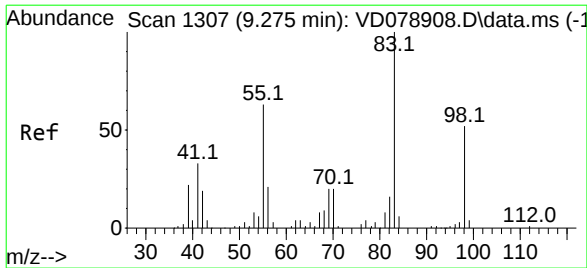


#38
Carbon Tetrachloride
Concen: 19.304 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17



Tgt Ion:117 Resp: 41953
Ion Ratio Lower Upper
117 100
119 109.0 75.4 113.0
121 31.2 25.0 37.4





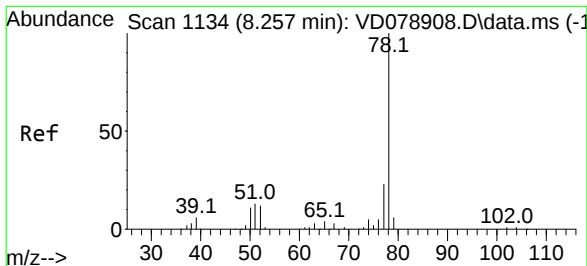
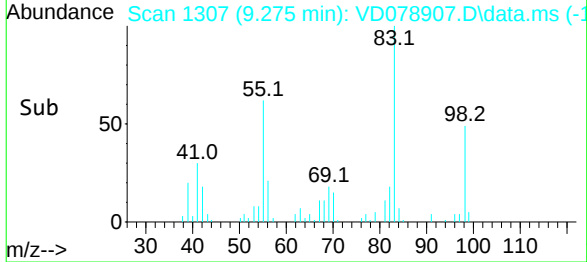
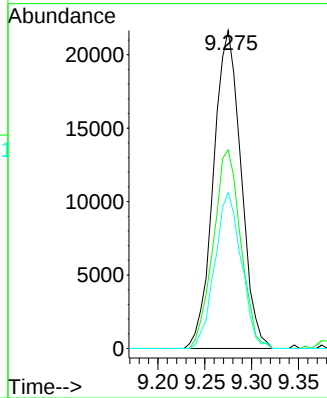
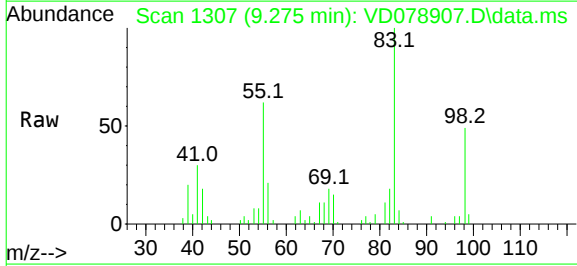
#39
Methylcyclohexane
Concen: 19.620 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
83	100		
55	62.5	50.1	75.1
98	49.0	41.9	62.9

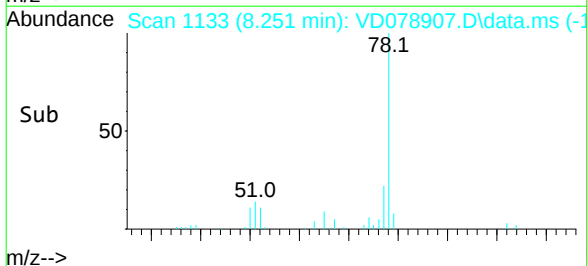
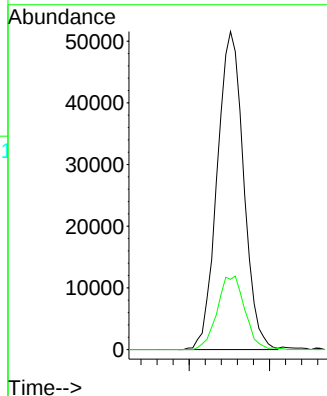
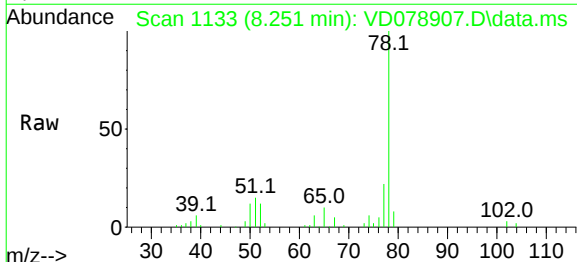
Manual Integrations
APPROVED

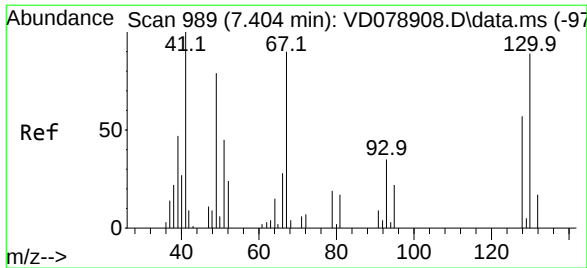
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#40
Benzene
Concen: 19.598 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	18.1	27.1





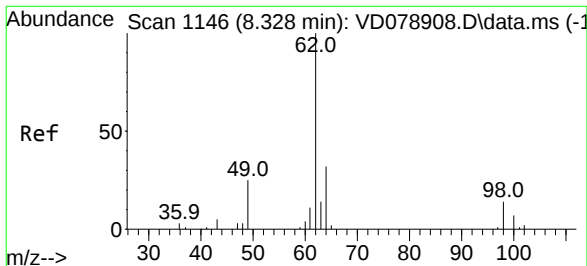
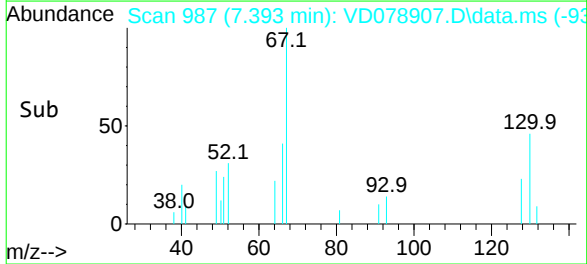
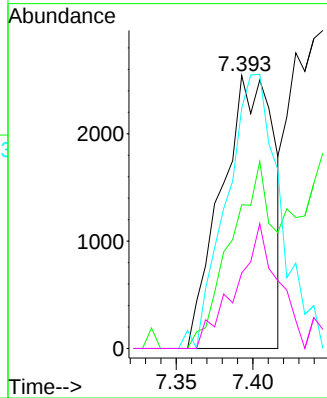
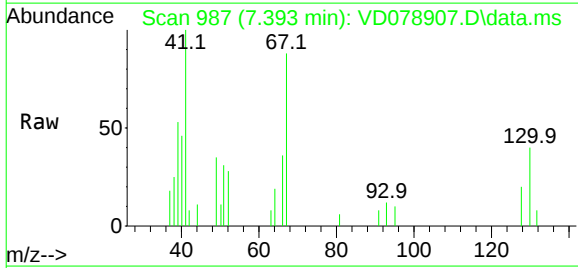
#41
Methacrylonitrile
Concen: 17.733 ug/l
RT: 7.393 min Scan# 989
Delta R.T. -0.011 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:	41	Resp:	6039
Ion	Ratio	Lower	Upper
41	100		
39	55.2	41.4	62.0
67	102.9	85.8	128.6
52	36.6	30.4	45.6

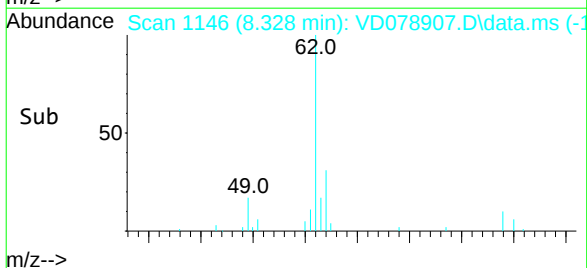
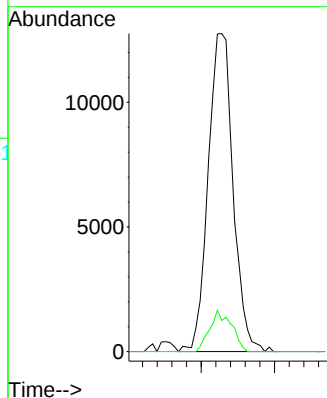
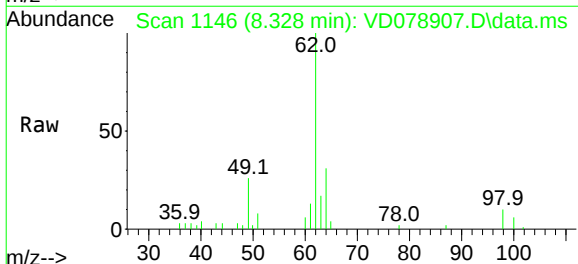
Manual Integrations
APPROVED

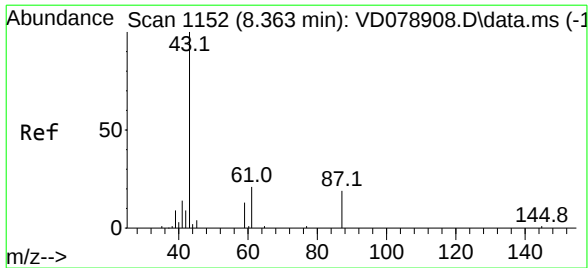
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#42
1,2-Dichloroethane
Concen: 20.728 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion:	62	Resp:	30136
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.8





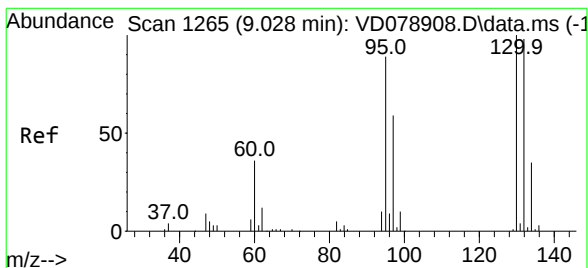
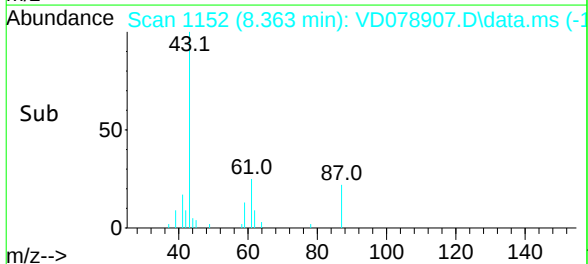
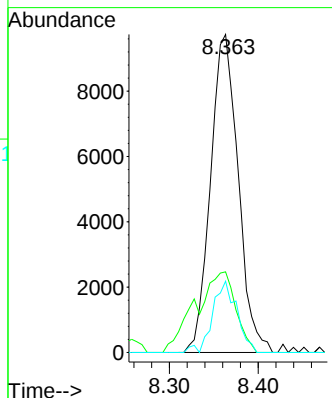
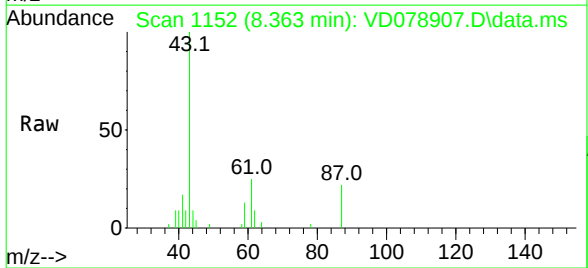
#43
Isopropyl Acetate
Concen: 18.779 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	36.9	29.3	43.9
87	19.7	14.9	22.3

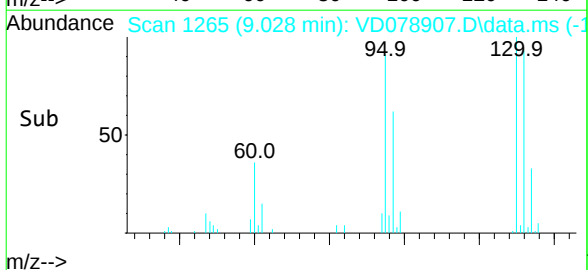
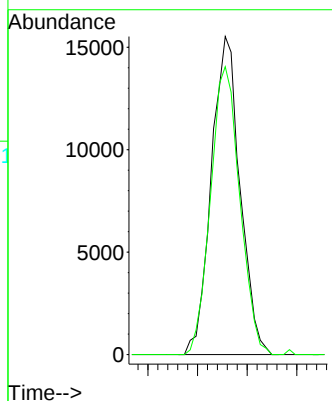
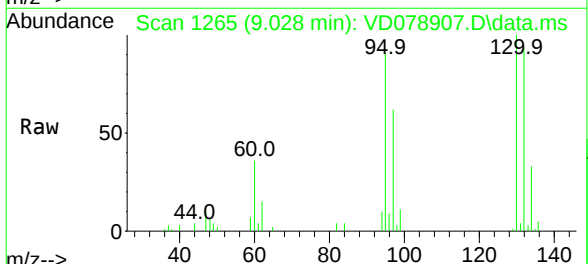
Manual Integrations
APPROVED

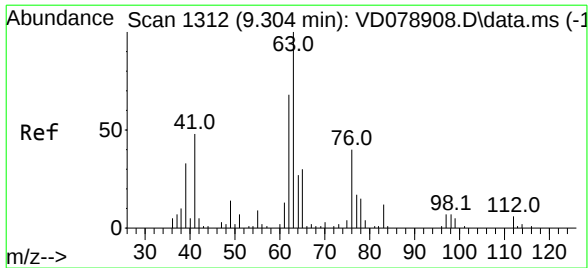
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#44
Trichloroethene
Concen: 19.572 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	177.8





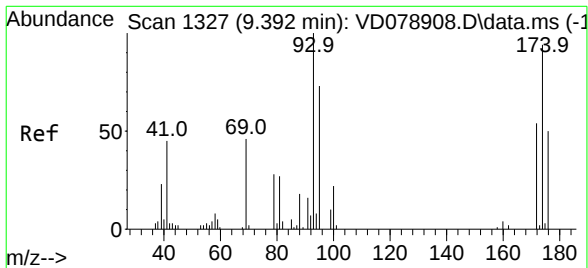
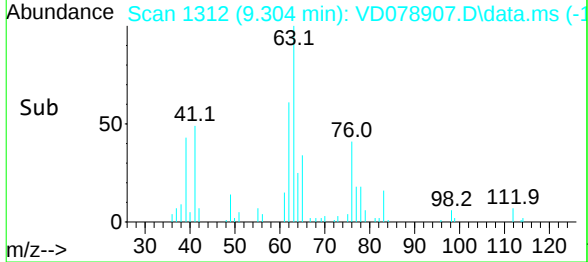
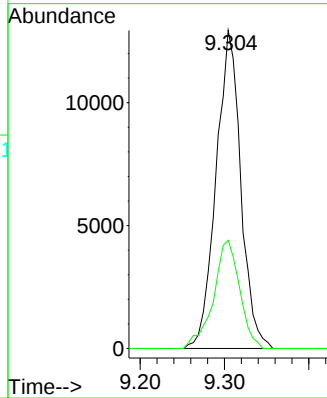
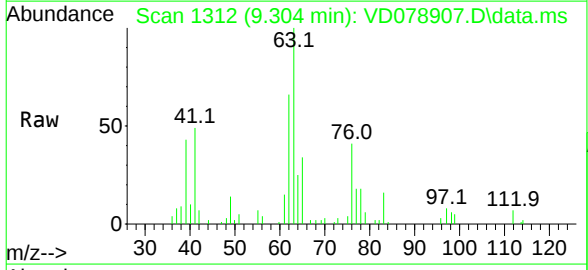
#45
1,2-Dichloropropane
Concen: 19.932 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 26309
Ion Ratio Lower Upper
63 100
65 34.0 23.8 35.8

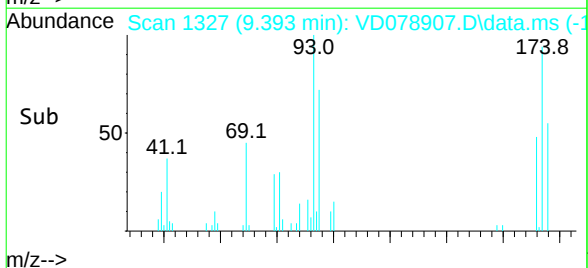
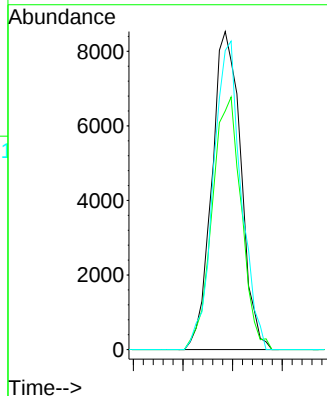
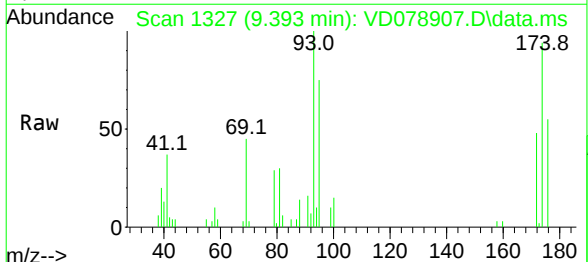
Manual Integrations
APPROVED

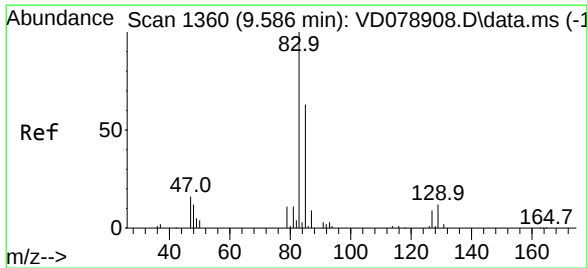
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#46
Dibromomethane
Concen: 19.936 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

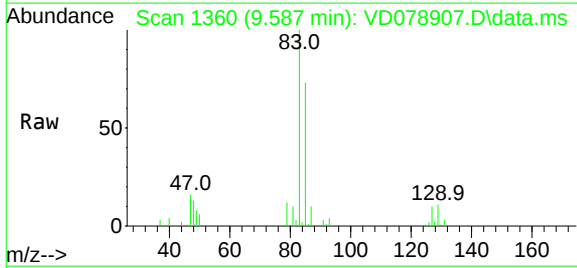
Tgt Ion: 93 Resp: 17323
Ion Ratio Lower Upper
93 100
95 79.9 65.6 98.4
174 93.1 82.3 123.5





#47
Bromodichloromethane
Concen: 19.455 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

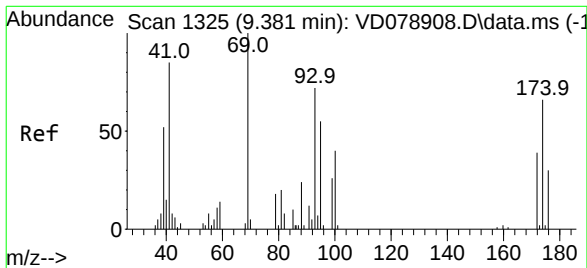
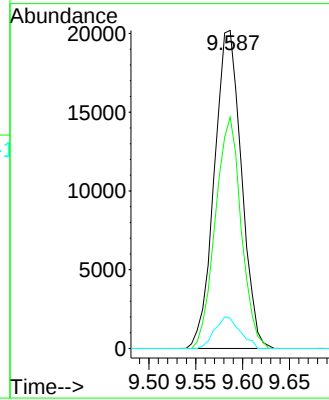
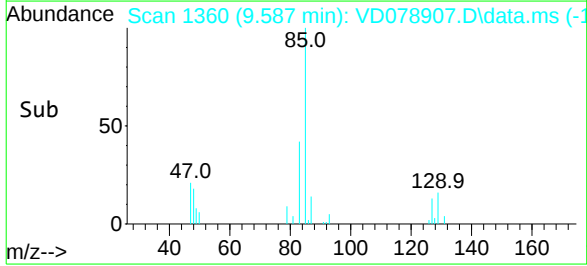
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 40692
Ion Ratio Lower Upper
83 100
85 72.7 50.1 75.1
127 9.5 6.8 10.2

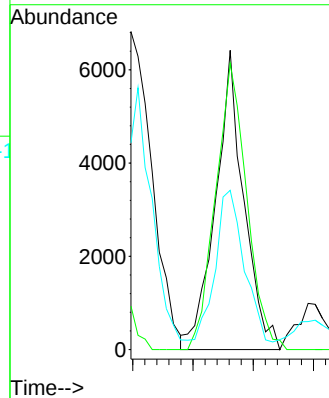
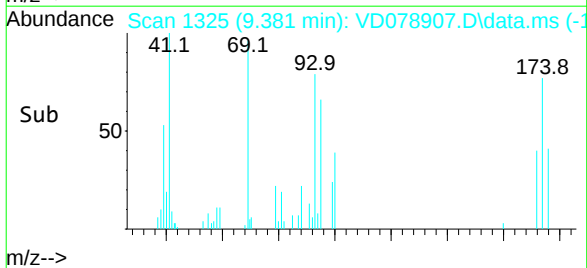
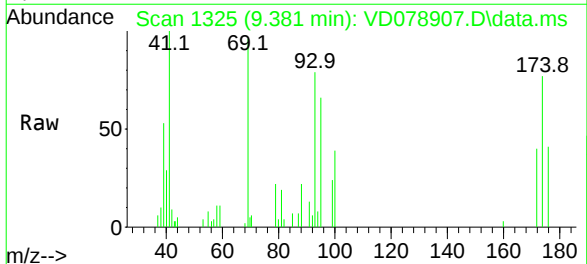
Manual Integrations
APPROVED

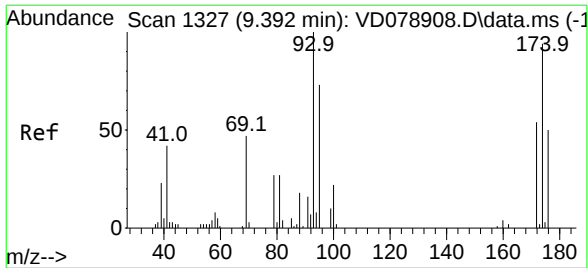
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#48
Methyl methacrylate
Concen: 19.077 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

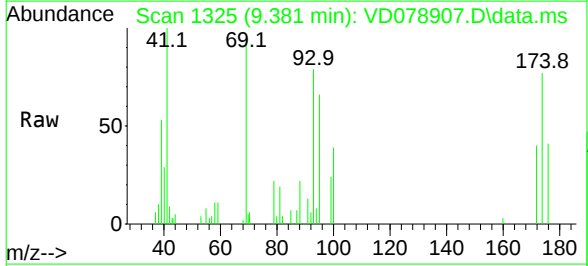
Tgt Ion: 41 Resp: 10429
Ion Ratio Lower Upper
41 100
69 105.9 96.7 145.1
39 58.1 43.8 65.6





#49
1,4-Dioxane
Concen: 391.844 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.011 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

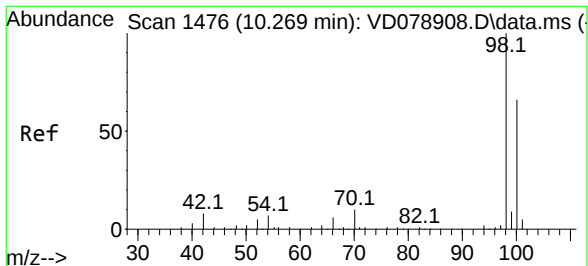
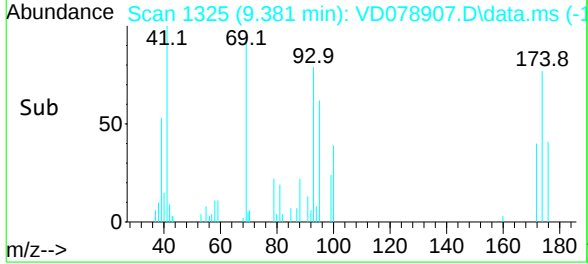
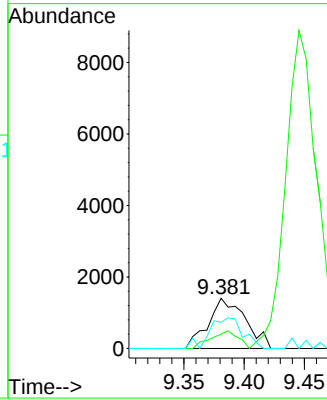
Instrument : MSVOA_D
ClientSampleId : VSTDIC020



Tgt Ion:	88	Resp:	2995
Ion	Ratio	Lower	Upper
88	100		
43	25.9	21.5	32.3
58	55.3	42.2	63.4

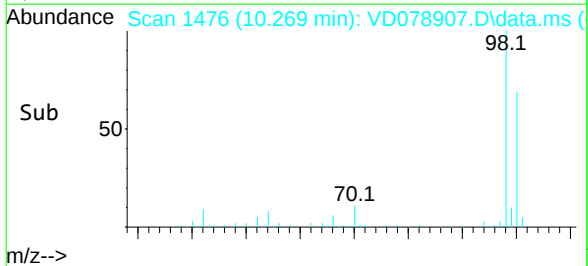
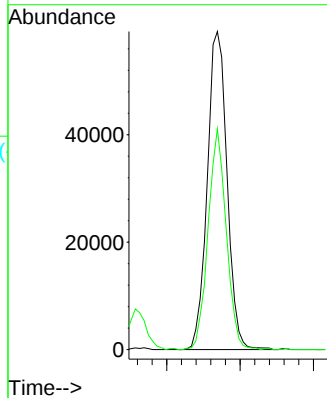
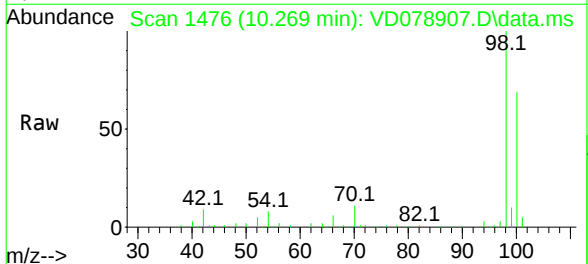
Manual Integrations
APPROVED

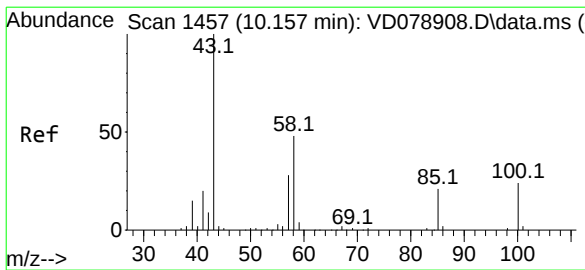
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#50
Toluene-d8
Concen: 19.854 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion:	98	Resp:	111076
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.6	77.4





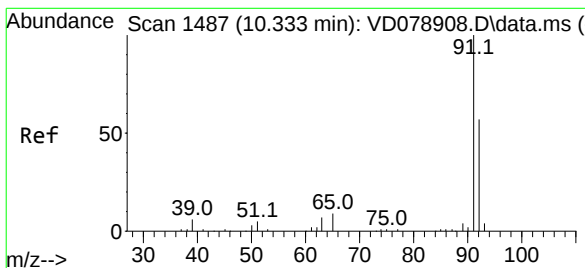
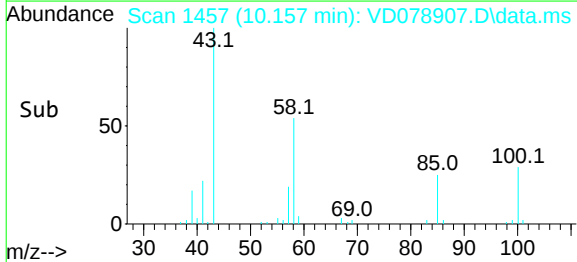
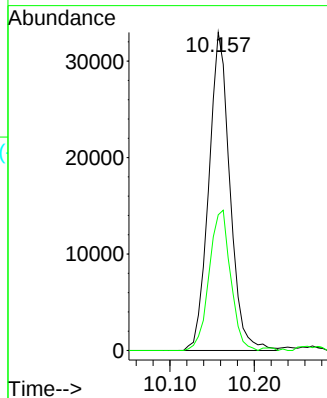
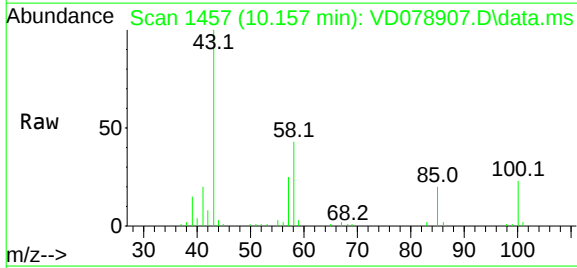
#51
4-Methyl-2-Pentanone
Concen: 96.102 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 57482
Ion Ratio Lower Upper
43 100
58 44.6 36.6 55.0

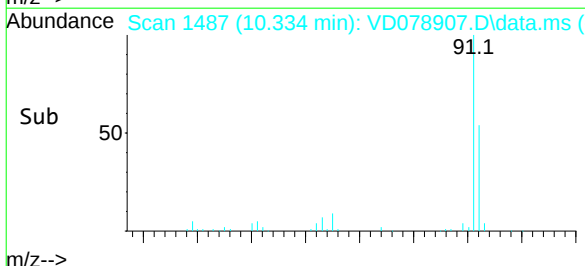
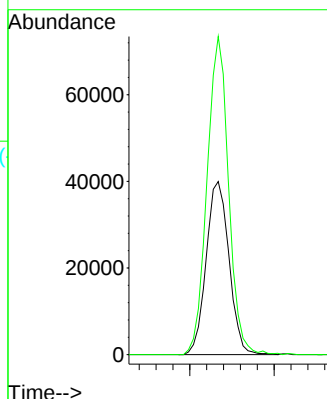
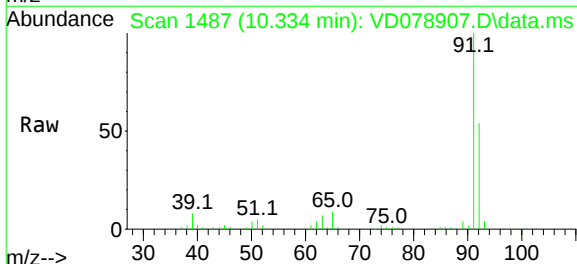
Manual Integrations
APPROVED

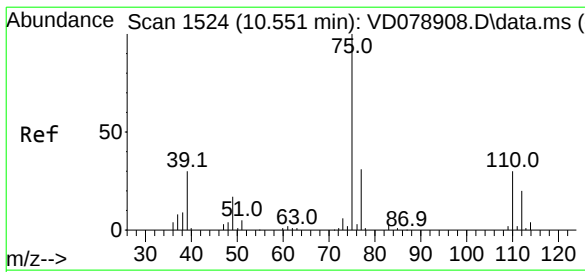
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#52
Toluene
Concen: 19.561 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

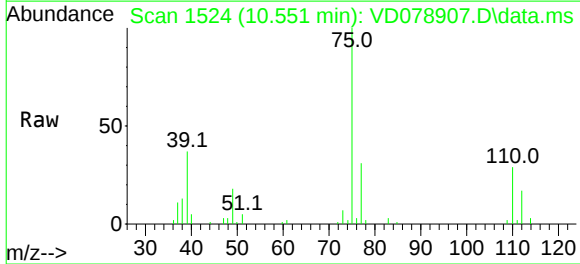
Tgt Ion: 92 Resp: 75208
Ion Ratio Lower Upper
92 100
91 173.0 141.7 212.5





#53
t-1,3-Dichloropropene
Concen: 19.791 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

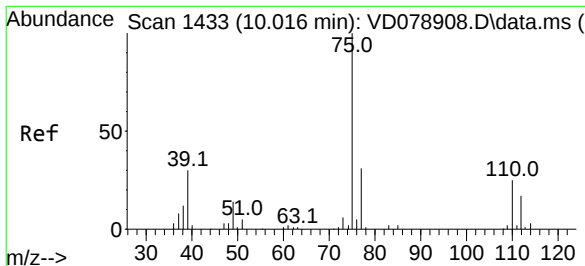
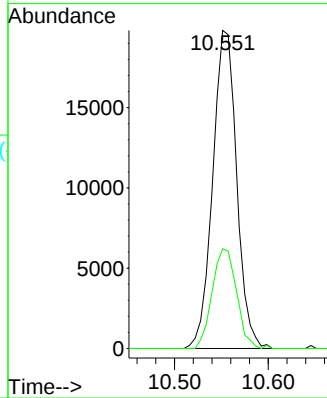
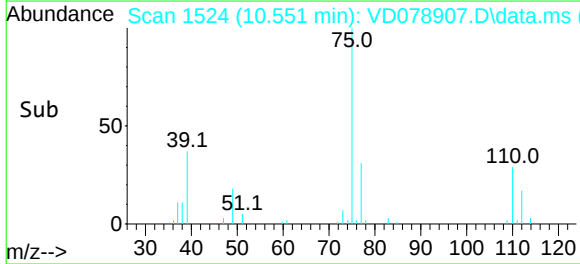
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



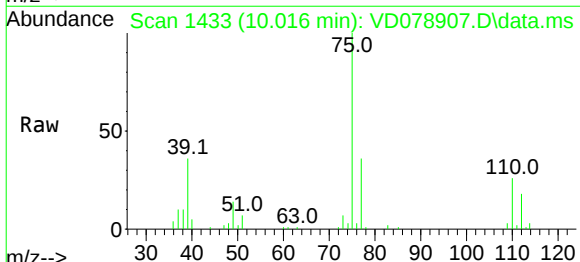
Tgt Ion: 75 Resp: 35176
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6

Manual Integrations
APPROVED

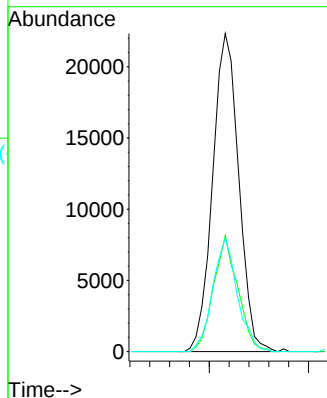
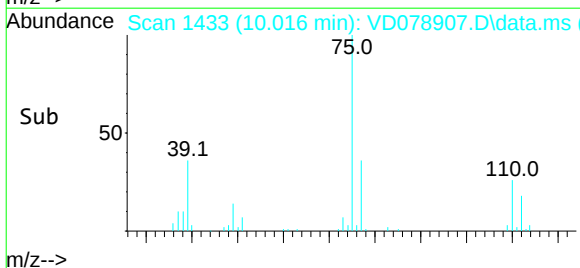
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

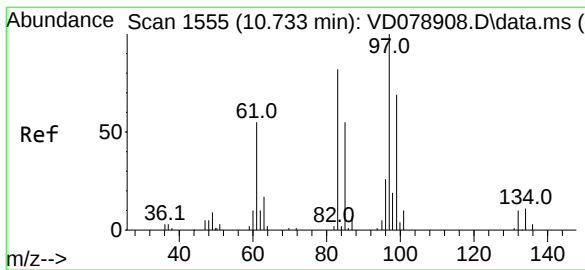


#54
cis-1,3-Dichloropropene
Concen: 19.111 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17



Tgt Ion: 75 Resp: 40770
Ion Ratio Lower Upper
75 100
77 36.5 24.4 36.6
39 35.6 24.2 36.2





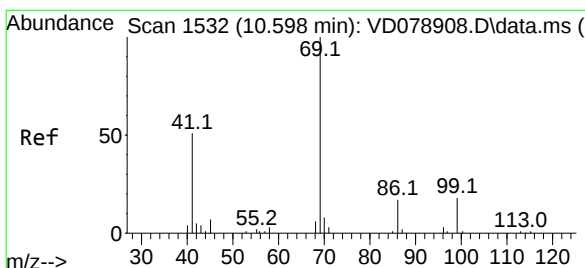
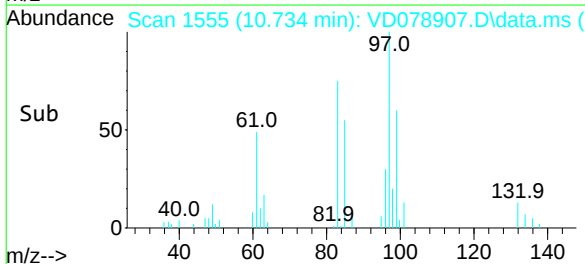
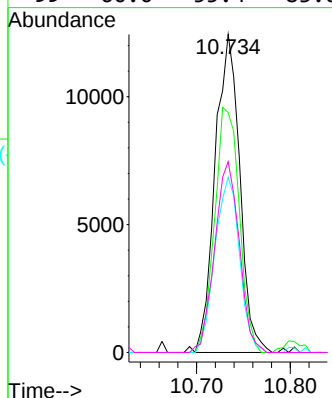
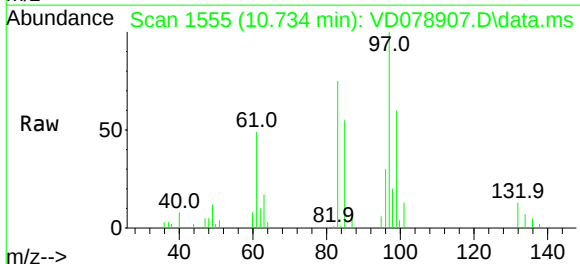
#55
1,1,2-Trichloroethane
Concen: 20.253 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:	97	Resp:	22736
Ion	Ratio	Lower	Upper
97	100		
83	75.4	65.8	98.8
85	55.1	43.8	65.8
99	60.0	55.4	83.0

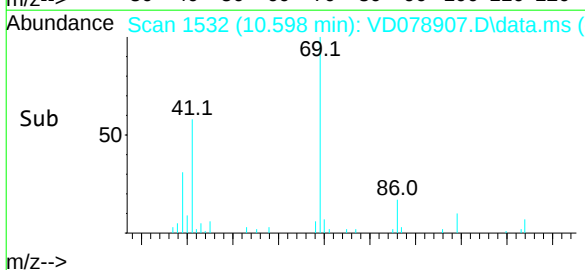
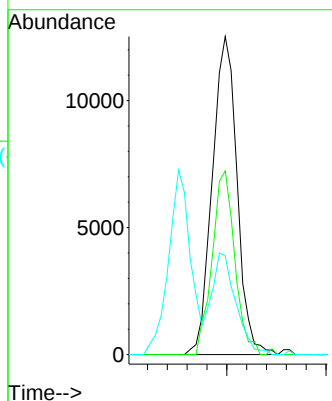
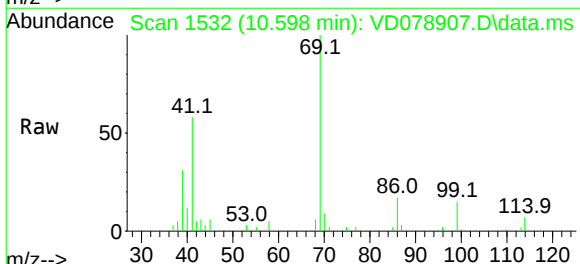
Manual Integrations
APPROVED

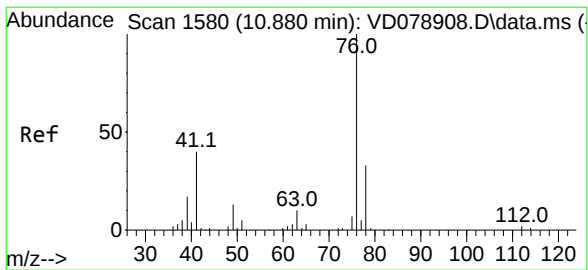
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#56
Ethyl methacrylate
Concen: 18.796 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

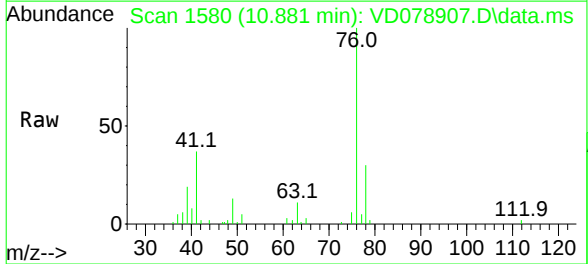
Tgt Ion:	69	Resp:	21709
Ion	Ratio	Lower	Upper
69	100		
41	52.7	39.8	59.6
39	31.5	20.2	30.4





#57
1,3-Dichloropropane
Concen: 20.018 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

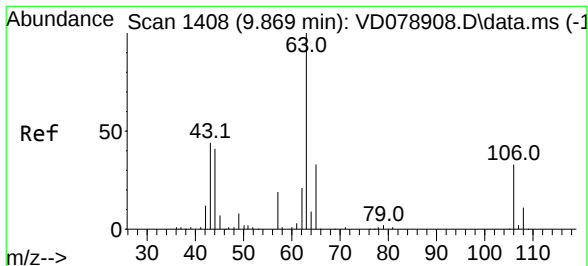
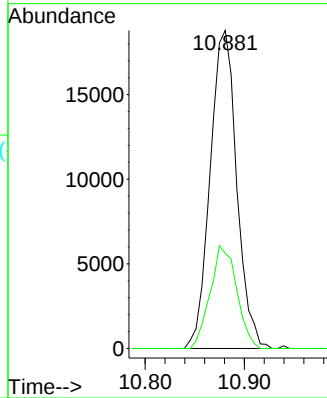
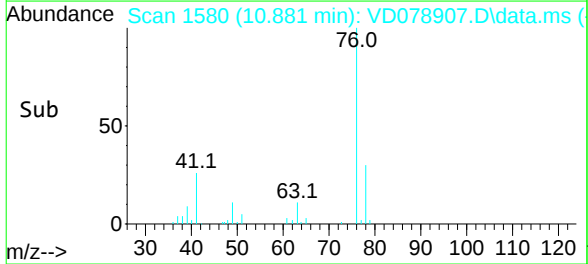
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 34992
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.2

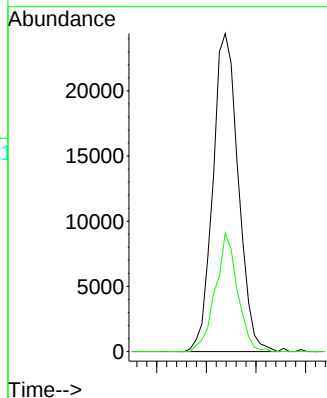
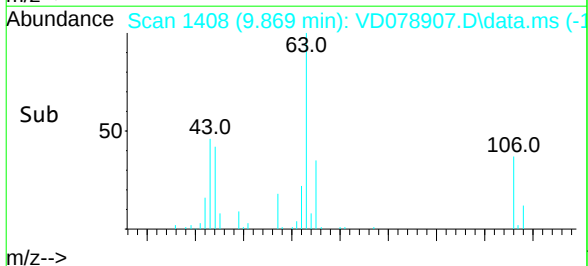
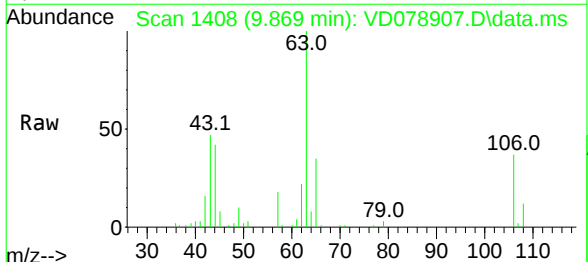
Manual Integrations
APPROVED

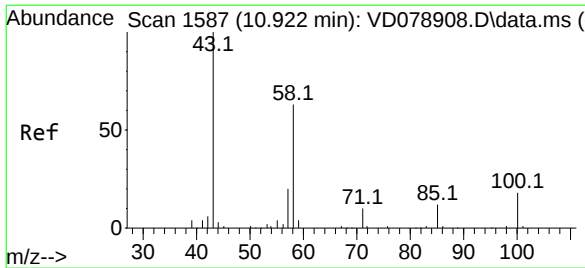
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 87.329 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 63 Resp: 43338
Ion Ratio Lower Upper
63 100
106 32.5 26.4 39.6





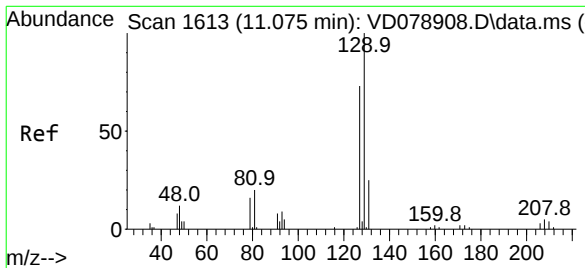
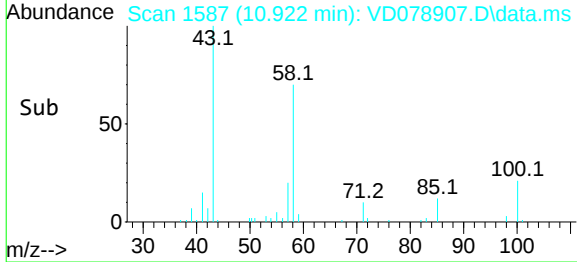
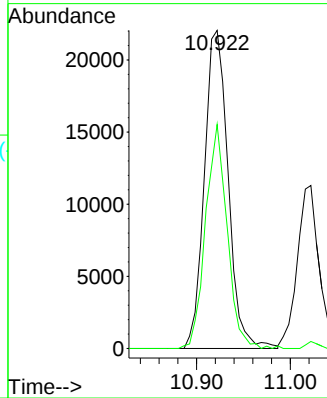
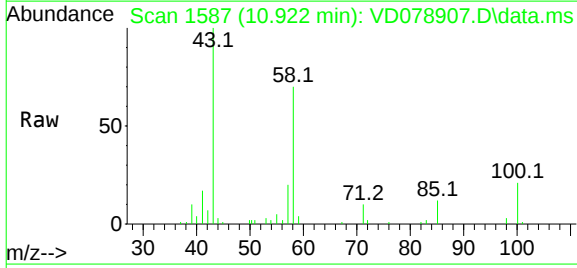
#59
2-Hexanone
Concen: 93.287 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 38838
Ion Ratio Lower Upper
43 100
58 64.1 31.1 93.5

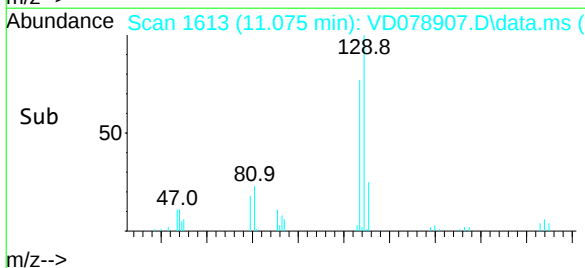
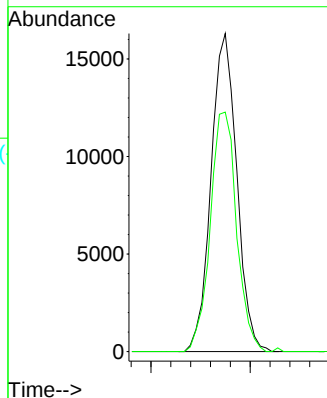
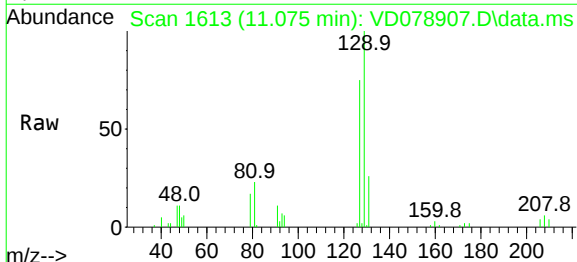
Manual Integrations
APPROVED

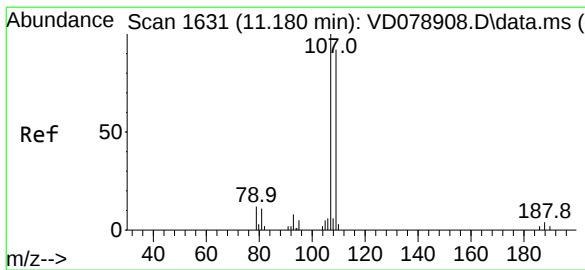
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#60
Dibromochloromethane
Concen: 19.207 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion:129 Resp: 29393
Ion Ratio Lower Upper
129 100
127 76.9 38.0 113.9





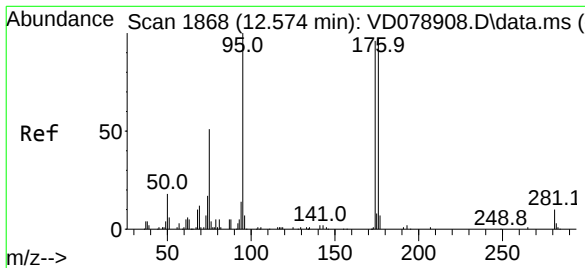
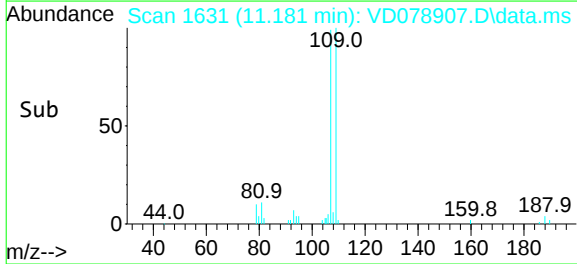
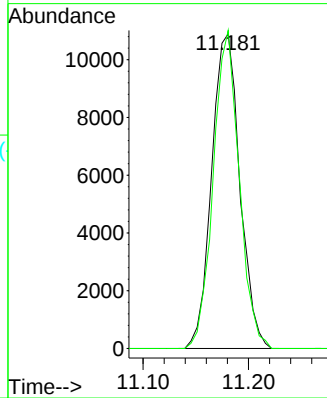
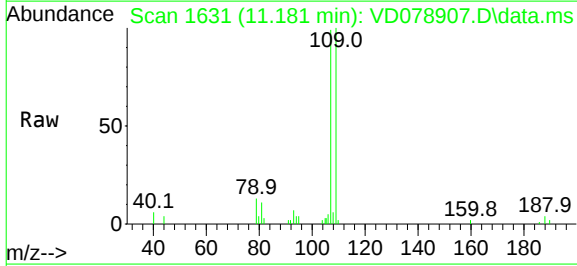
#61
1,2-Dibromoethane
Concen: 19.765 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 20231
Ion Ratio Lower Upper
107 100
109 93.0 72.0 108.0

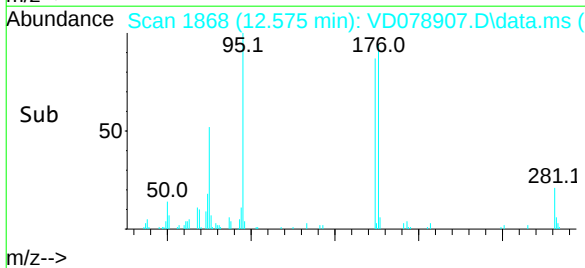
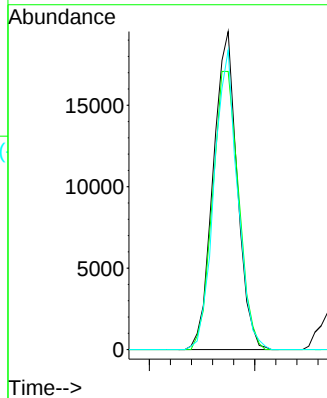
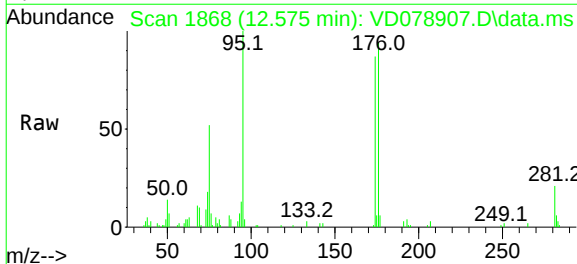
Manual Integrations
APPROVED

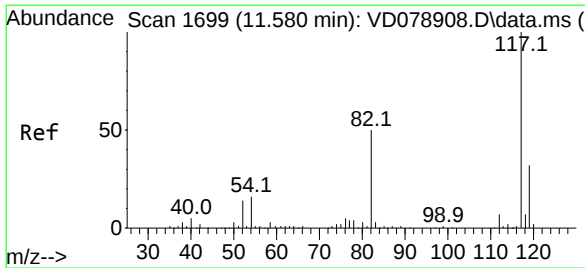
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#62
4-Bromofluorobenzene
Concen: 19.634 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 95 Resp: 30858
Ion Ratio Lower Upper
95 100
174 94.7 0.0 195.4
176 92.2 0.0 192.6





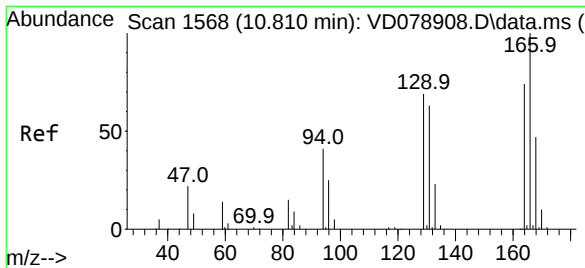
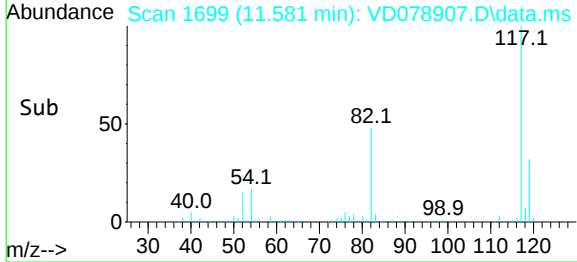
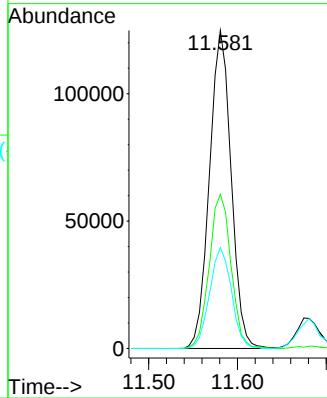
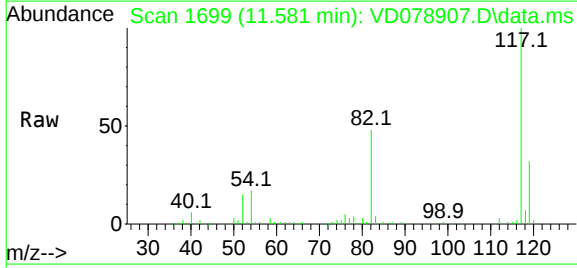
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:	117	Resp:	212129
Ion	Ratio	Lower	Upper
117	100		
82	48.5	39.8	59.6
119	31.7	25.7	38.5

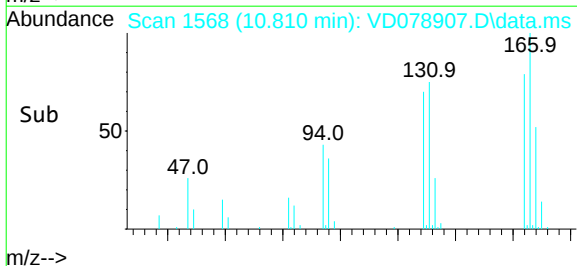
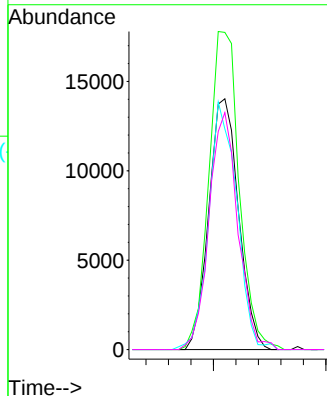
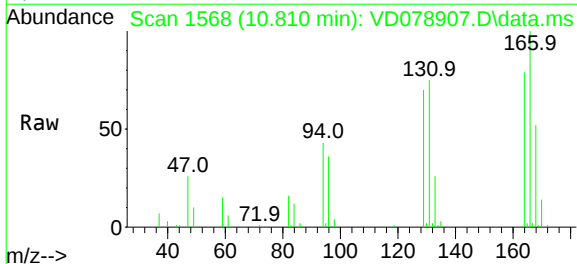
Manual Integrations
APPROVED

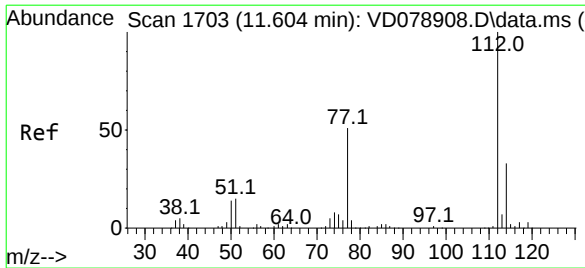
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#64
Tetrachloroethene
Concen: 19.187 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion:	164	Resp:	25822
Ion	Ratio	Lower	Upper
164	100		
166	126.5	108.6	163.0
129	88.0	74.6	112.0
131	94.5	68.6	103.0





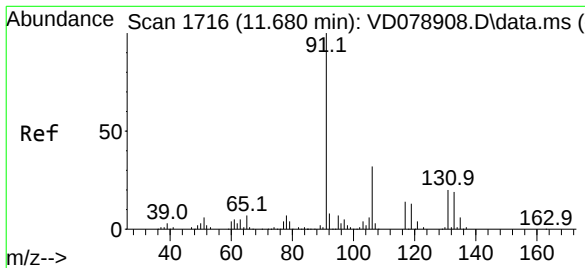
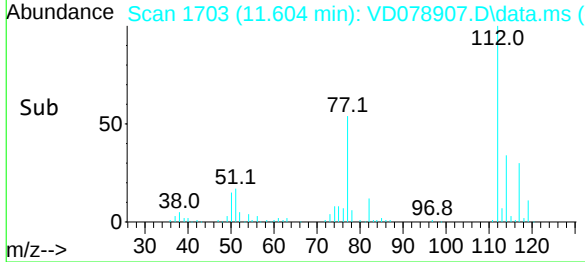
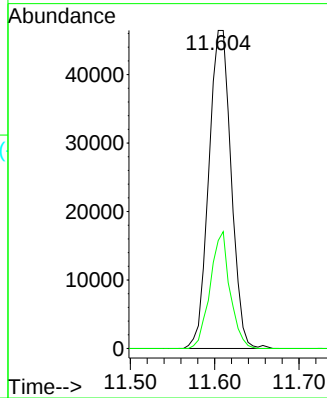
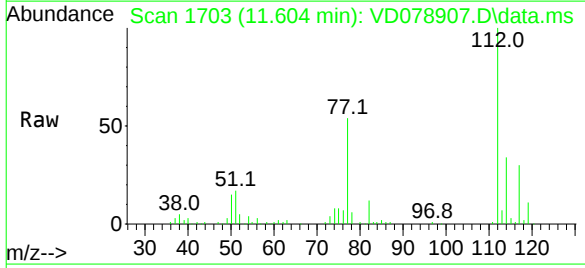
#65
Chlorobenzene
Concen: 19.422 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 85698
Ion Ratio Lower Upper
112 100
114 34.0 26.0 39.0

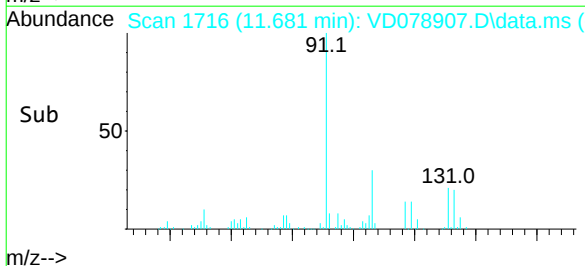
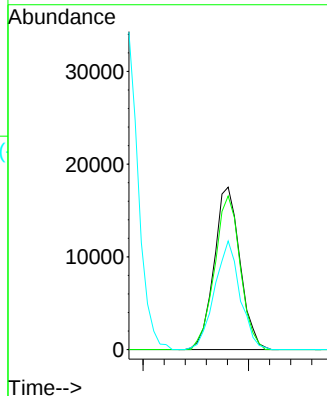
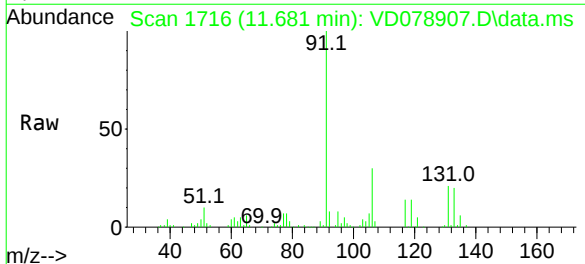
Manual Integrations
APPROVED

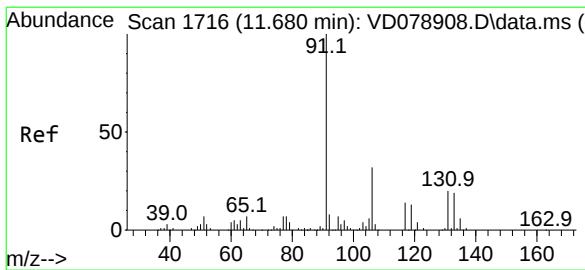
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.608 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion:131 Resp: 29910
Ion Ratio Lower Upper
131 100
133 93.5 49.2 147.6
119 65.6 33.4 100.2





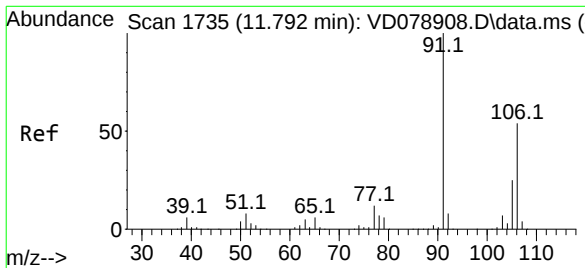
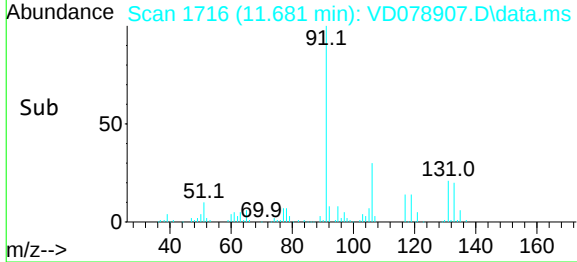
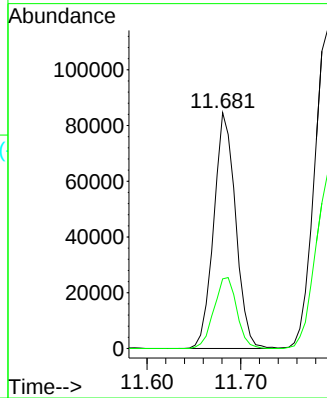
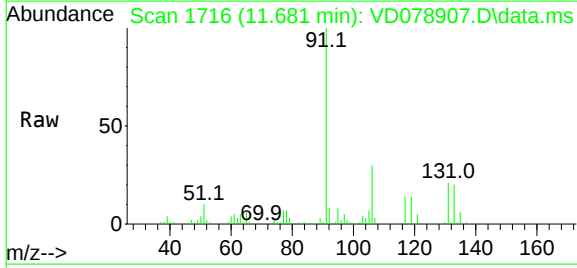
#67
Ethyl Benzene
Concen: 19.325 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 137154
Ion Ratio Lower Upper
91 100
106 29.5 25.8 38.6

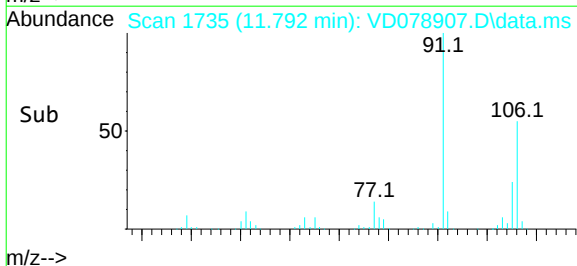
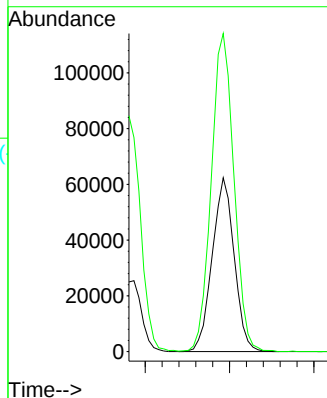
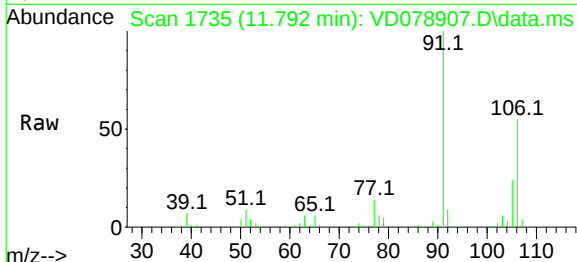
Manual Integrations
APPROVED

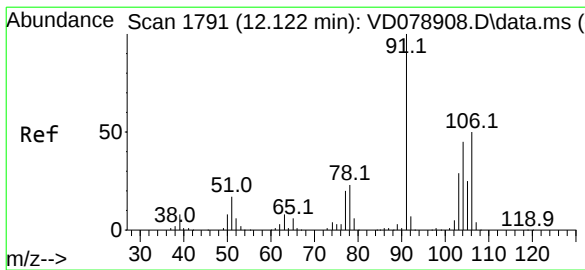
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#68
m/p-Xylenes
Concen: 39.168 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion:106 Resp: 113017
Ion Ratio Lower Upper
106 100
91 188.4 148.5 222.7





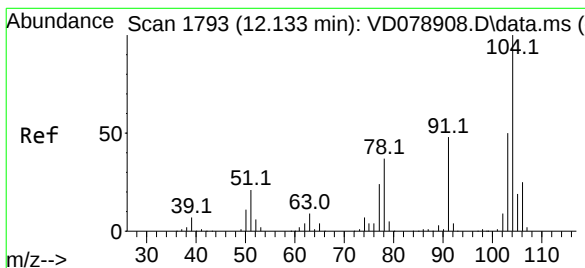
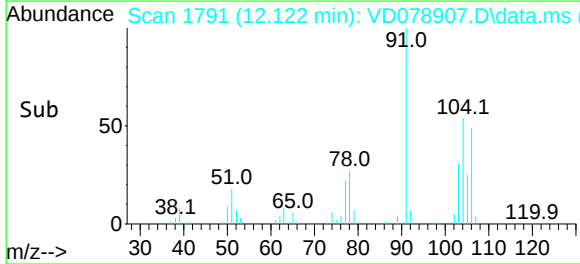
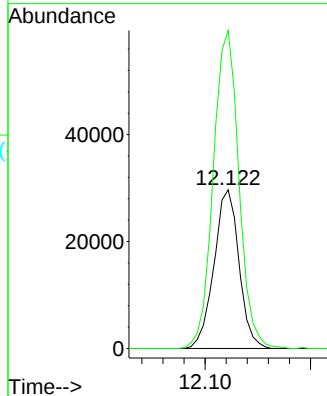
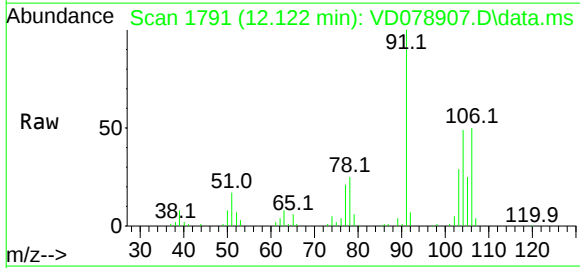
#69
o-Xylene
Concen: 18.577 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 48867
Ion Ratio Lower Upper
106 100
91 205.4 96.7 290.1

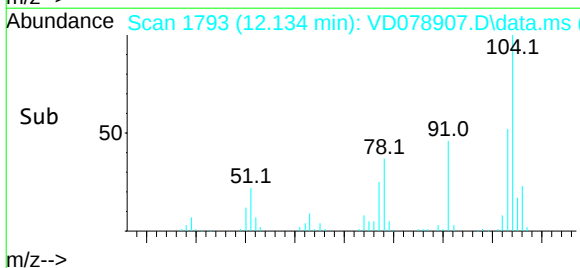
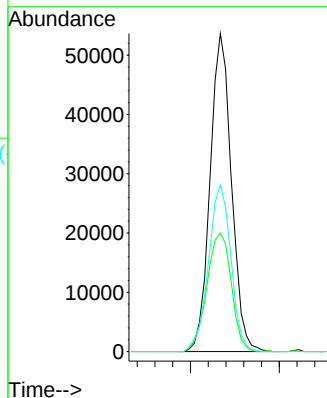
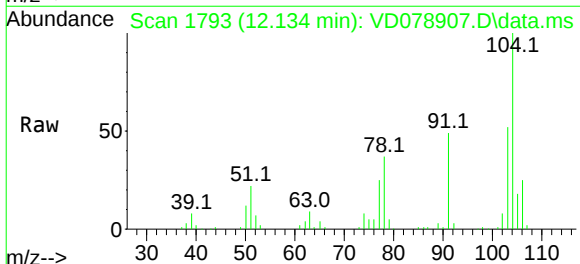
Manual Integrations
APPROVED

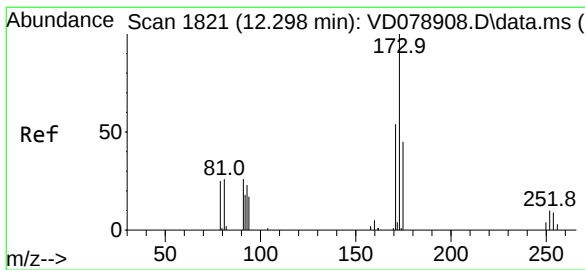
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#70
Styrene
Concen: 19.230 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion:104 Resp: 89651
Ion Ratio Lower Upper
104 100
78 42.5 33.0 49.6
103 55.0 44.2 66.4





#71

Bromoform

Concen: 19.051 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

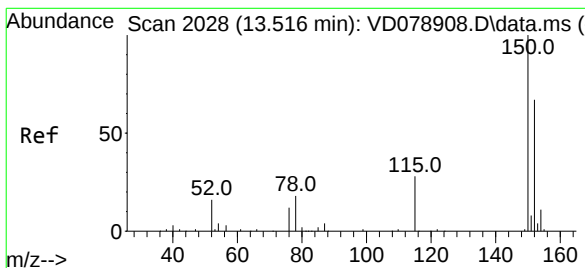
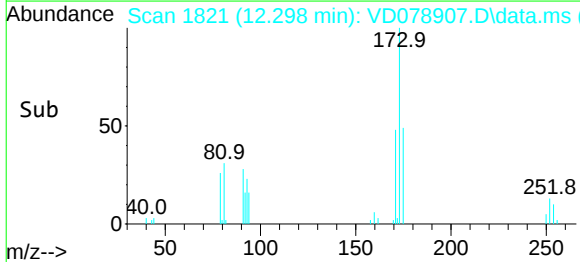
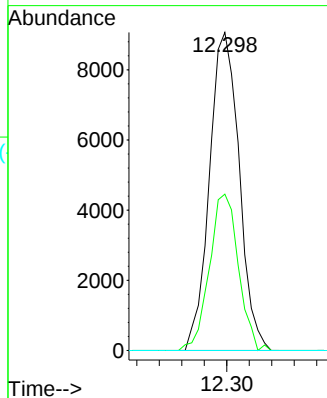
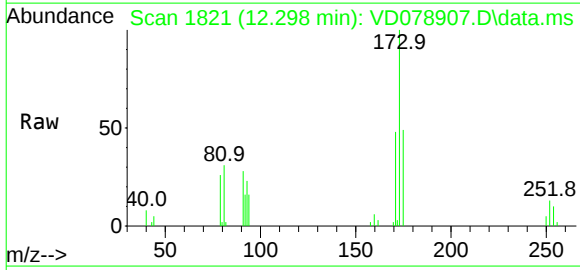
VSTDICC020

Tgt Ion:	173	Resp:	16647
Ion Ratio	Lower	Upper	
173	100		
175	47.8	23.7	71.1
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

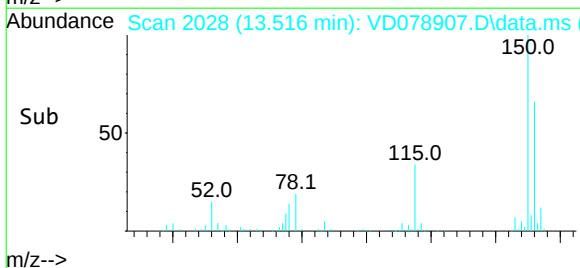
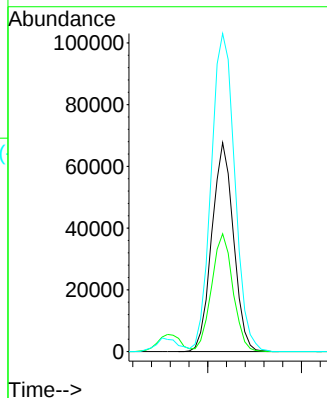
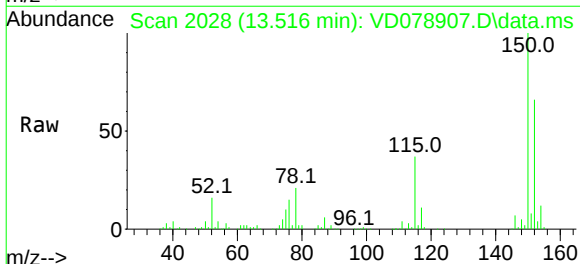
RT: 13.516 min Scan# 2028

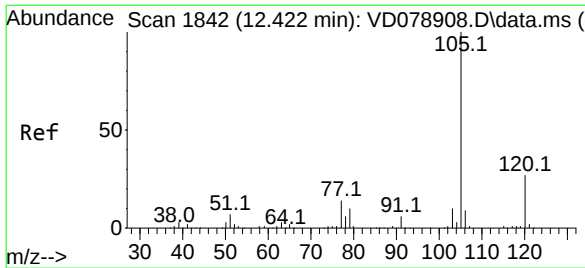
Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Tgt Ion:	152	Resp:	108496
Ion Ratio	Lower	Upper	
152	100		
115	55.9	26.5	79.5
150	166.2	0.0	341.6





#73
Isopropylbenzene
Concen: 19.345 ug/l
RT: 12.422 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

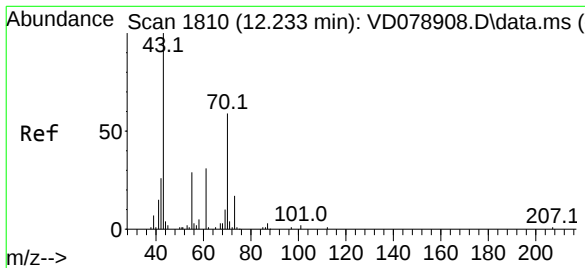
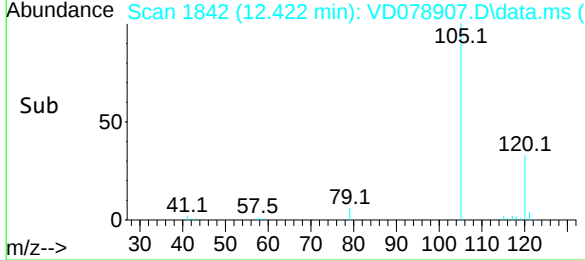
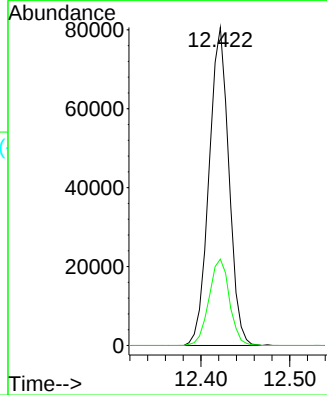
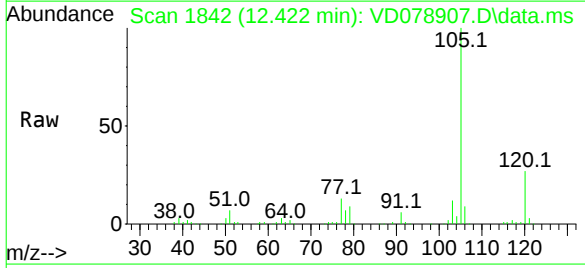
ClientSampleId :

VSTDICC020

Tgt Ion: 105 Resp: 125272
Ion Ratio Lower Upper
105 100
120 28.0 13.6 40.7

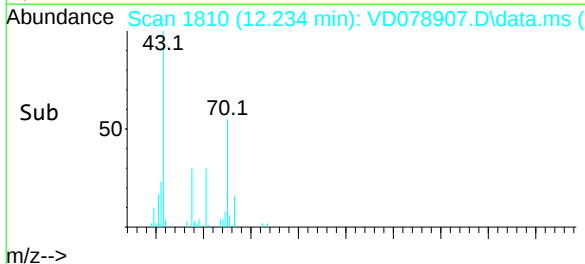
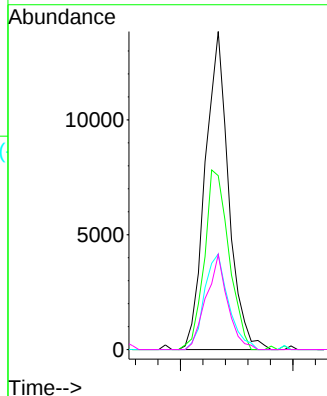
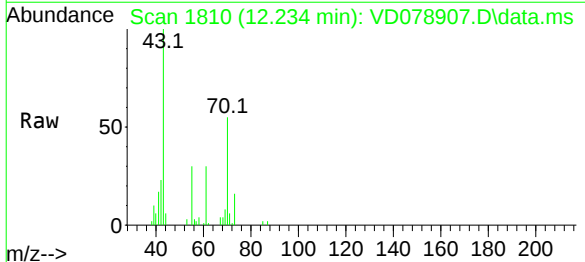
Manual Integrations
APPROVED

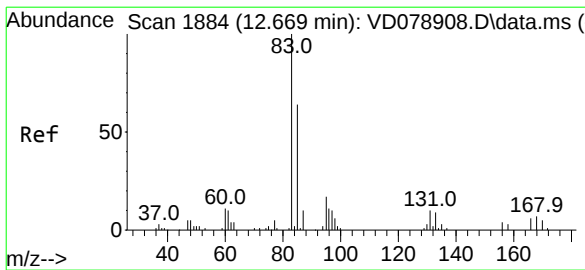
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#74
N-ethyl acetate
Concen: 19.081 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 43 Resp: 20049
Ion Ratio Lower Upper
43 100
70 59.1 44.3 66.5
55 30.9 23.2 34.8
61 27.3 24.2 36.4





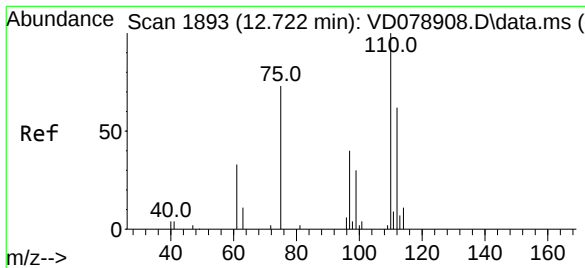
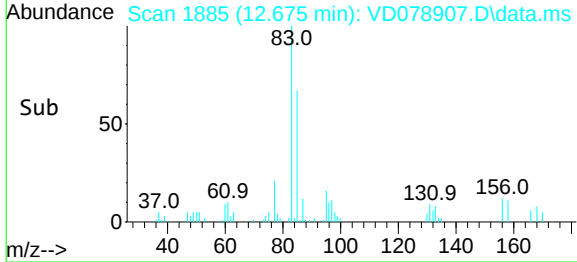
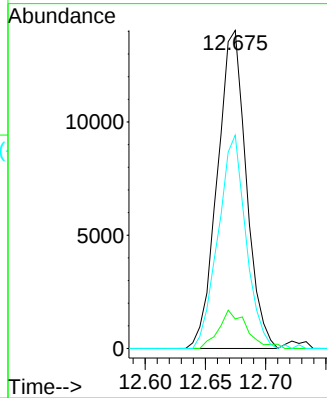
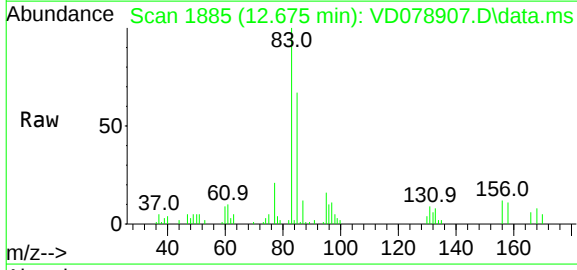
#75
1,1,2,2-Tetrachloroethane
Concen: 20.071 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion	83	Resp	23444
Ion Ratio	100		
Lower	5.5		
Upper	16.5		
83	11.8		
131	64.2		
85		33.8	101.3

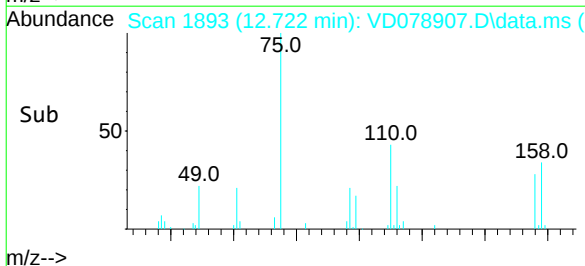
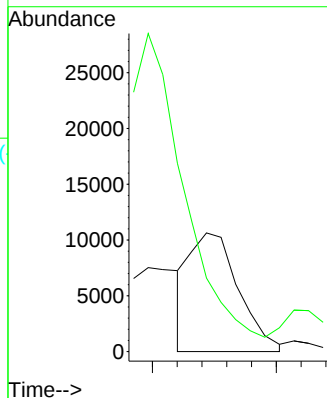
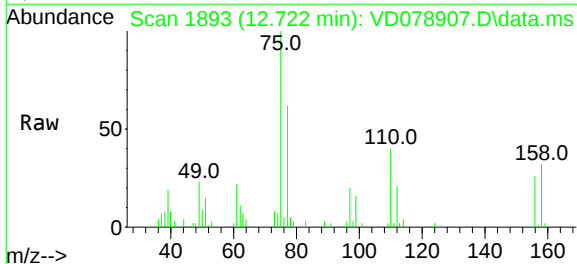
Manual Integrations
APPROVED

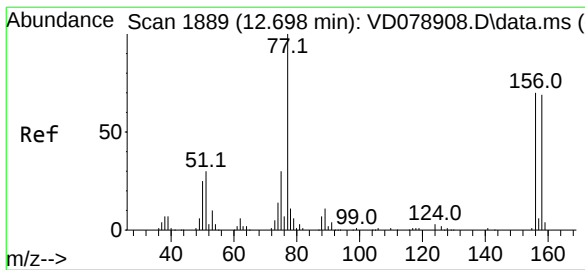
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#76
1,2,3-Trichloropropane
Concen: 19.023 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion	75	Resp	14637
Ion Ratio	100		
Lower	0.0		
Upper	0.0		
75	0.0		
77		0.0	0.0





#77

Bromobenzene

Concen: 19.399 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

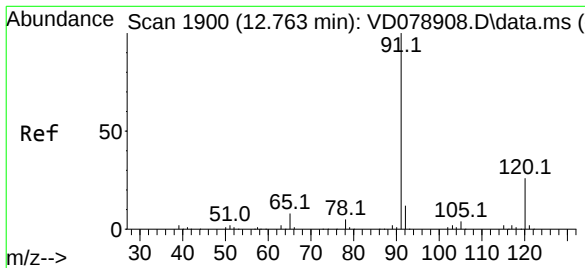
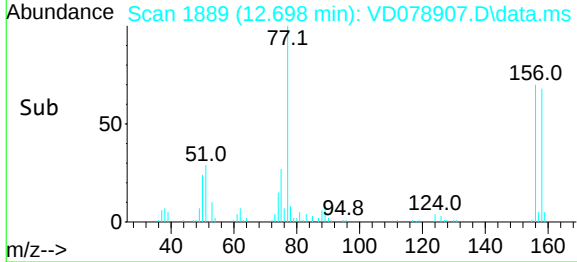
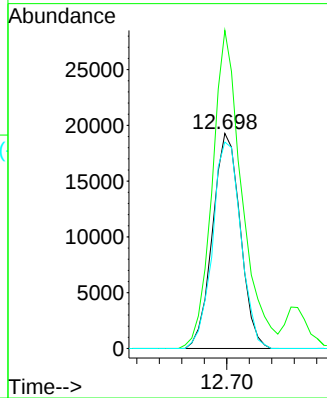
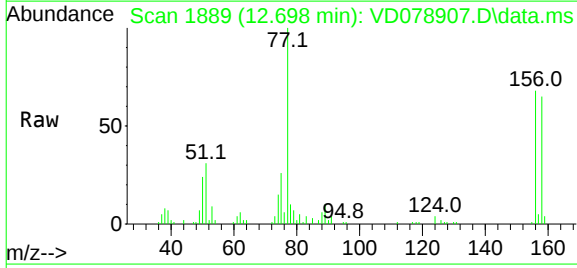
VSTDICC020

Tgt Ion:	156	Resp:	33034
Ion Ratio	Lower	Upper	
156	100		
77	157.4	77.3	231.9
158	97.7	49.6	149.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#78

n-propylbenzene

Concen: 20.117 ug/l

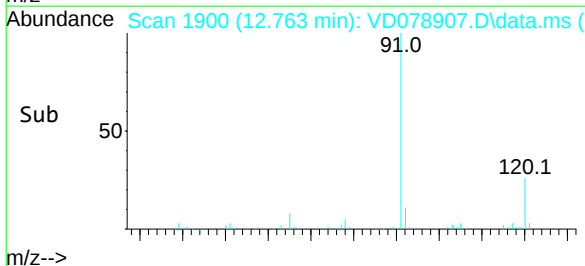
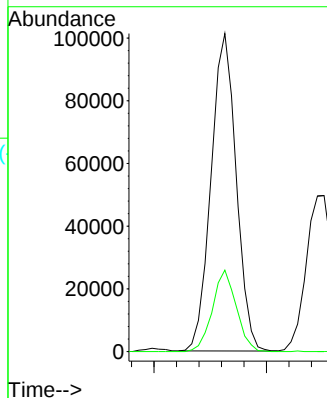
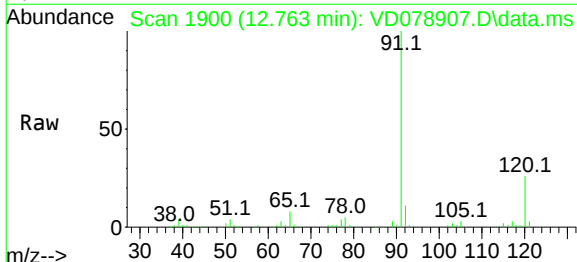
RT: 12.763 min Scan# 1900

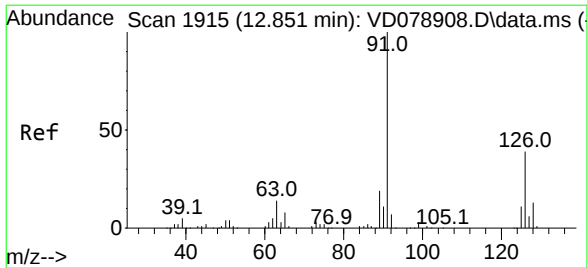
Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Tgt Ion:	91	Resp:	157455
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.3	36.8





#79

2-Chlorotoluene

Concen: 19.477 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 84731

Ion Ratio Lower Upper

91 100

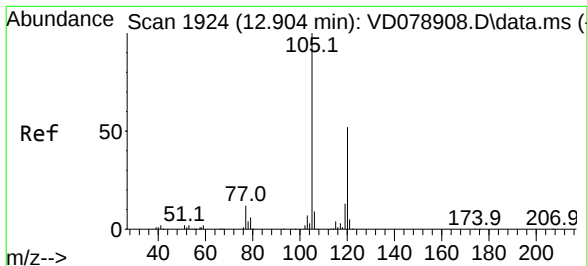
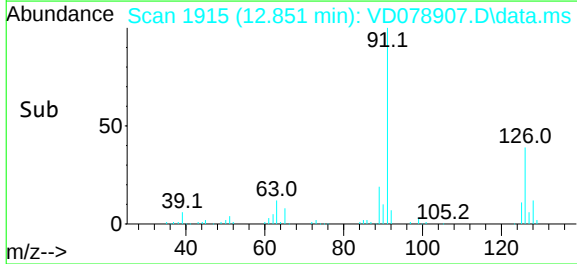
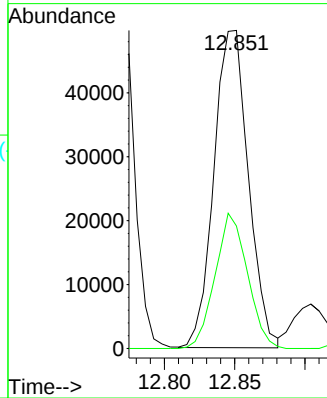
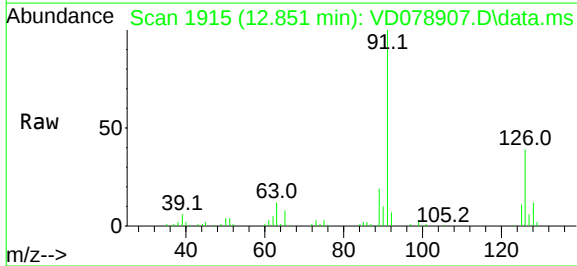
126 39.9 19.3 57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#80

1,3,5-Trimethylbenzene

Concen: 20.012 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078907.D

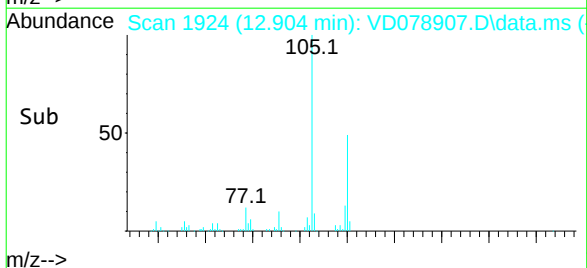
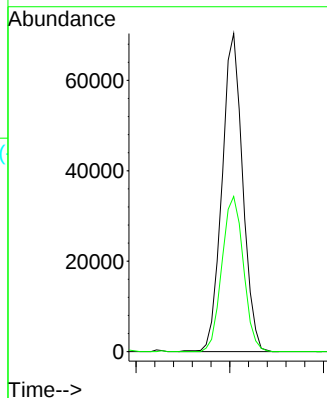
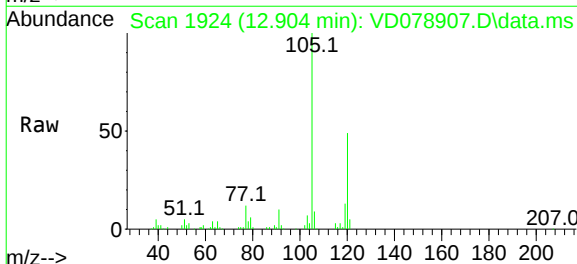
Acq: 13 May 2024 11:17

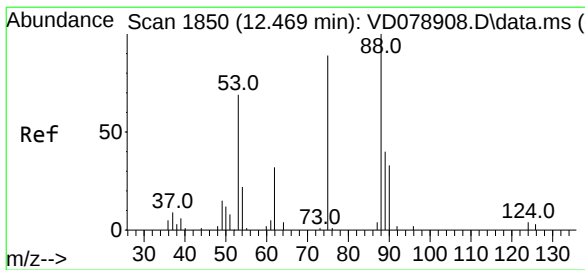
Tgt Ion:105 Resp: 107667

Ion Ratio Lower Upper

105 100

120 50.7 25.7 77.1





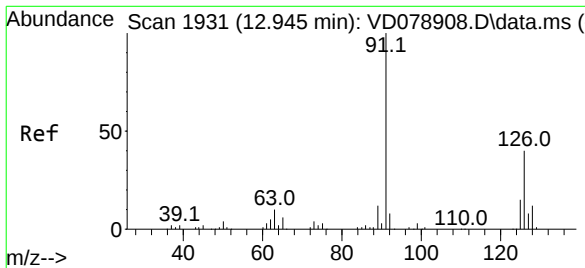
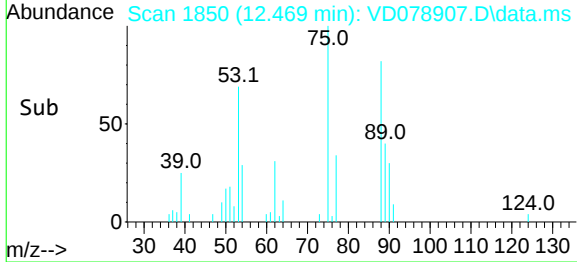
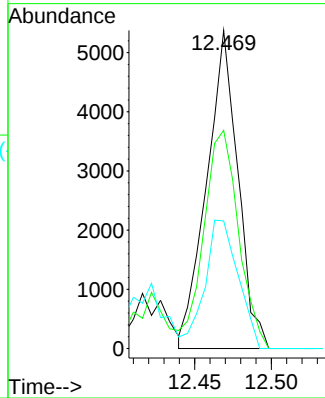
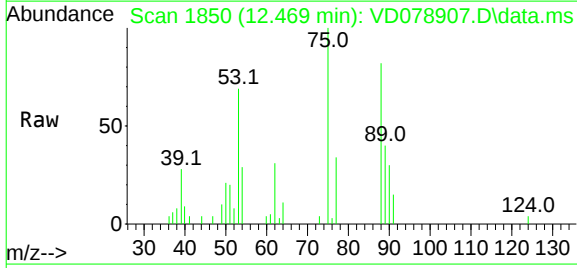
#81
trans-1,4-Dichloro-2-butene
Concen: 19.723 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:	75	Resp:	7597
Ion	Ratio	Lower	Upper
75	100		
53	75.9	61.4	92.2
89	43.2	35.4	53.0

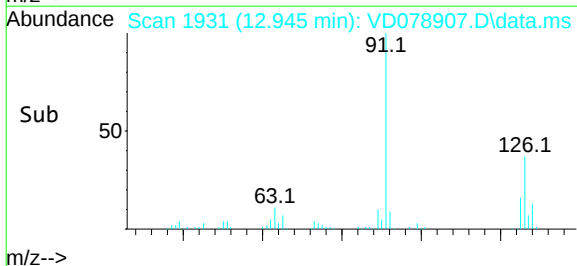
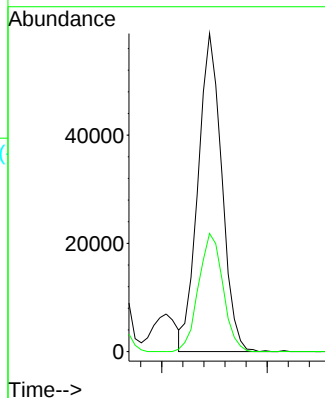
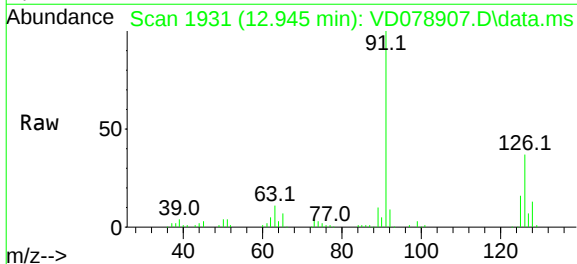
Manual Integrations
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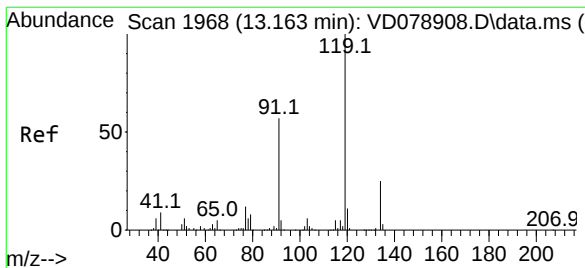
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#82
4-Chlorotoluene
Concen: 20.110 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion:	91	Resp:	91779
Ion	Ratio	Lower	Upper
91	100		
126	38.2	18.9	56.9





#83

tert-Butylbenzene

Concen: 19.046 ug/l

RT: 13.169 min Scan# 19

Delta R.T. 0.006 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

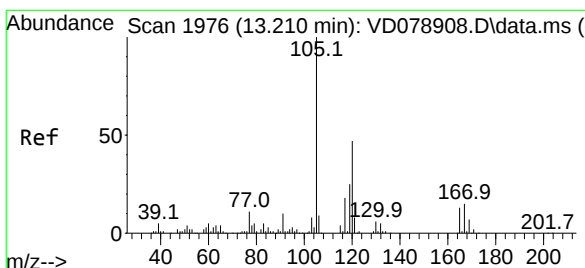
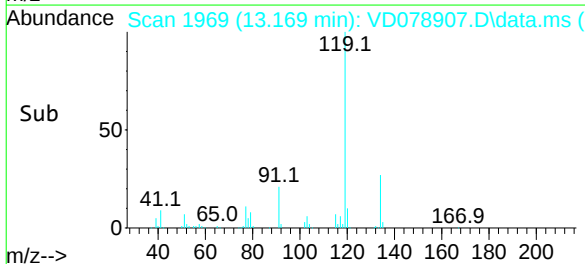
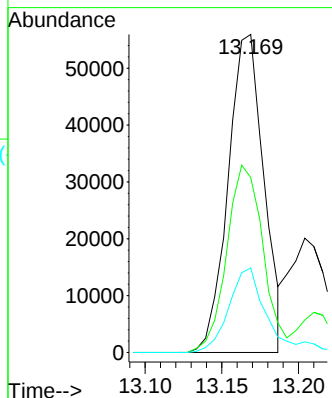
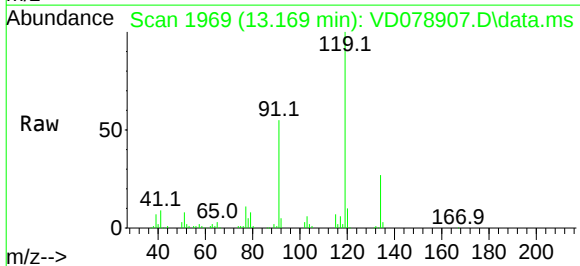
ClientSampleId :

VSTDICC020

Tgt Ion:	119	Resp:	90625
Ion	Ratio	Lower	Upper
119	100		
91	59.9	28.2	84.7
134	28.5	13.4	40.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#84

1,2,4-Trimethylbenzene

Concen: 19.925 ug/l

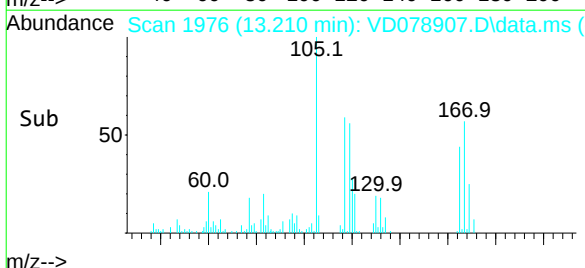
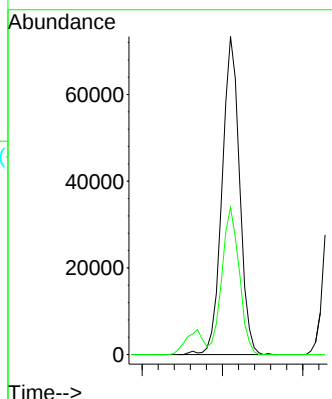
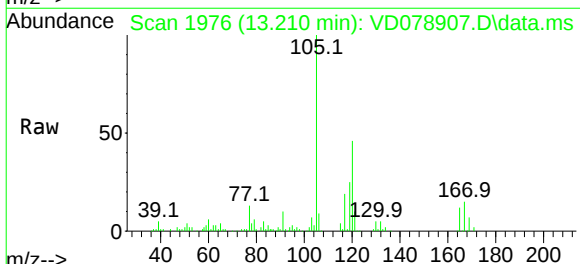
RT: 13.210 min Scan# 1976

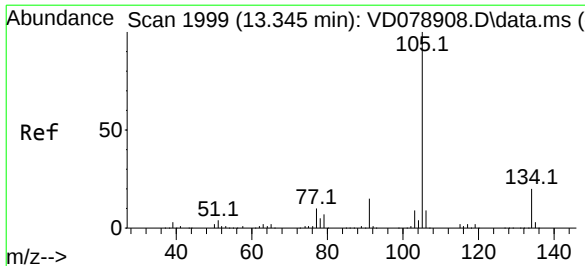
Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Tgt Ion:	105	Resp:	111036
Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.6	71.0





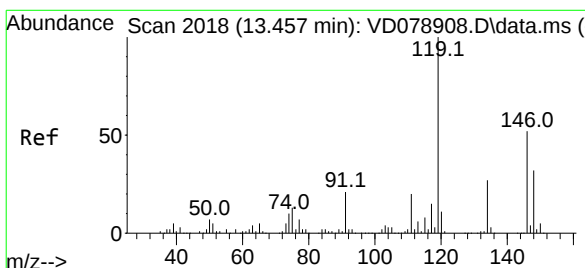
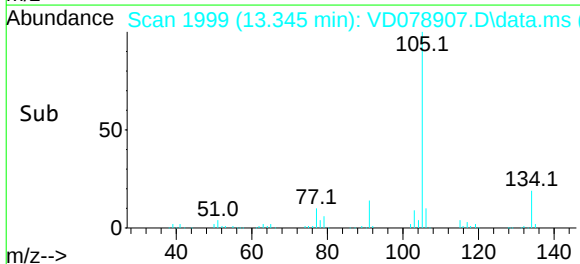
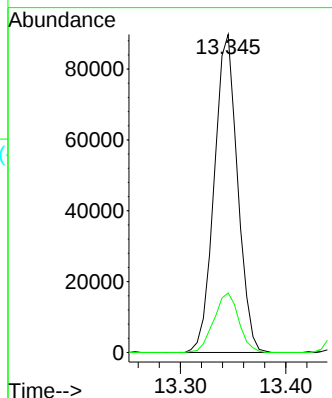
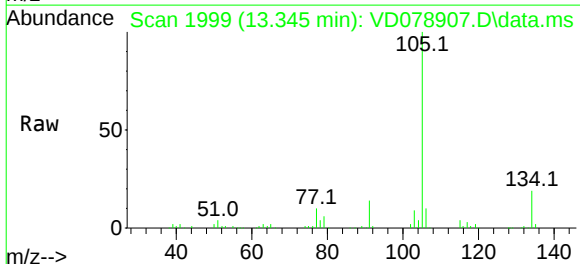
#85
sec-Butylbenzene
Concen: 19.446 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 138023
Ion Ratio Lower Upper
105 100
134 19.9 10.3 30.8

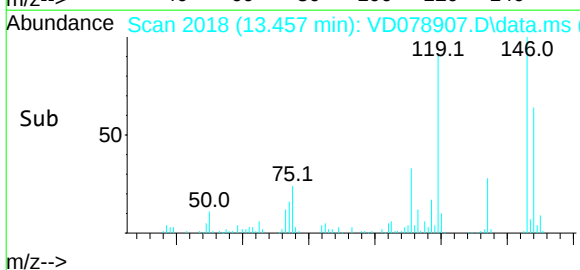
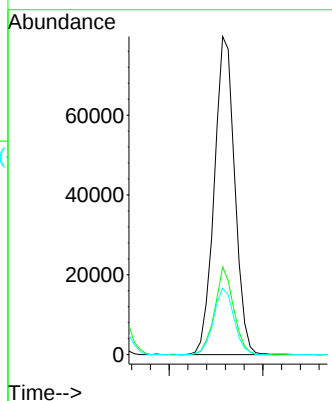
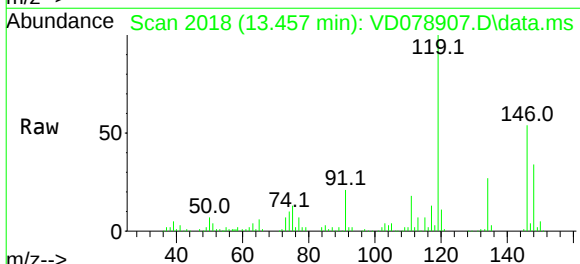
Manual Integrations
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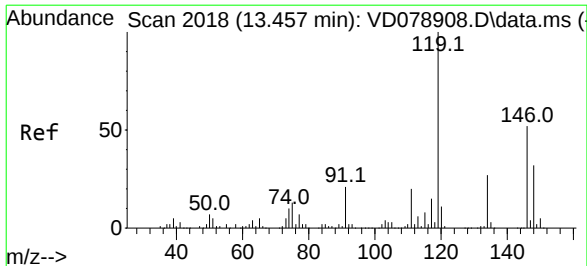
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#86
p-Isopropyltoluene
Concen: 19.534 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion:119 Resp: 120796
Ion Ratio Lower Upper
119 100
134 25.4 13.7 41.1
91 20.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.904 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

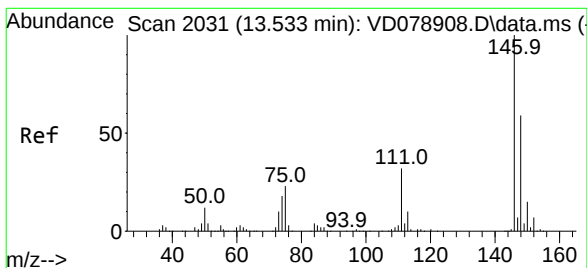
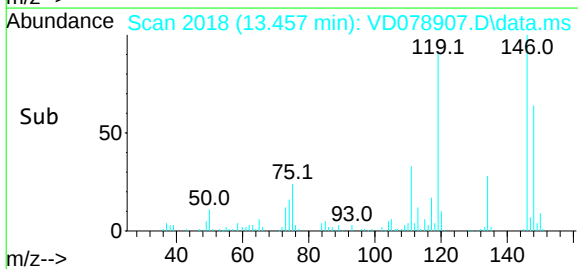
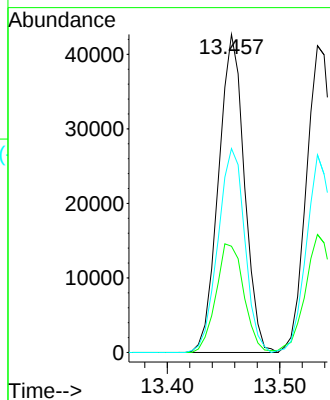
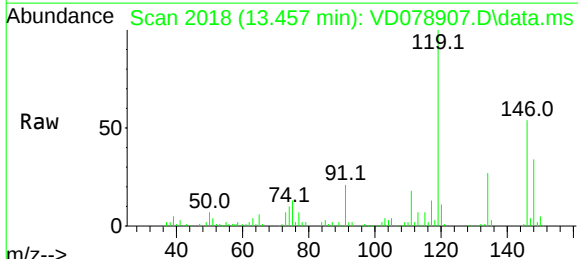
VSTDICC020

Tgt Ion:	146	Resp:	68121
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.5	55.5
148	66.5	30.9	92.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#88

1,4-Dichlorobenzene

Concen: 19.552 ug/l

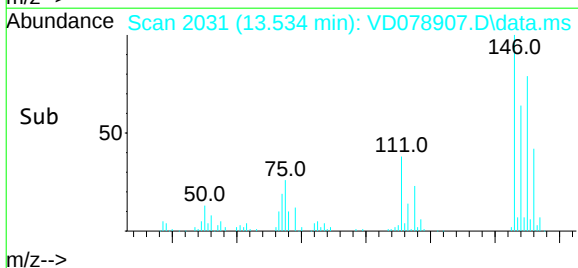
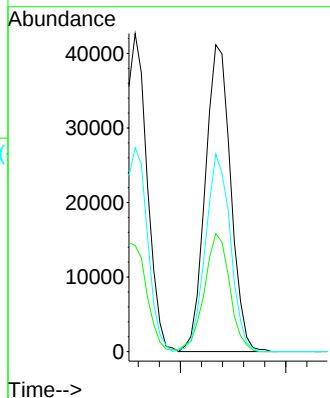
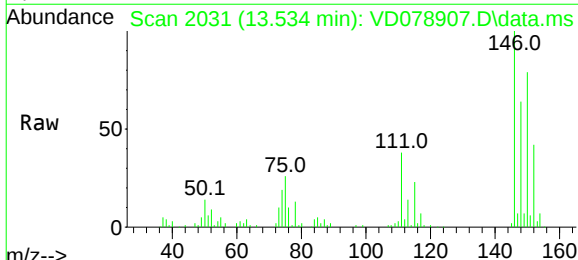
RT: 13.534 min Scan# 2031

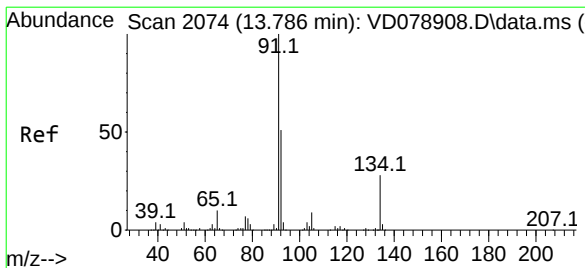
Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Tgt Ion:	146	Resp:	68999
Ion Ratio	Lower	Upper	
146	100		
111	38.5	17.5	52.6
148	63.3	31.4	94.2





#89

n-Butylbenzene

Concen: 19.153 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

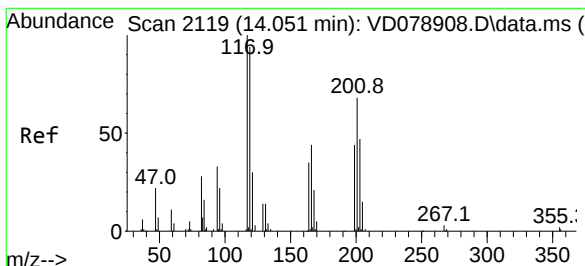
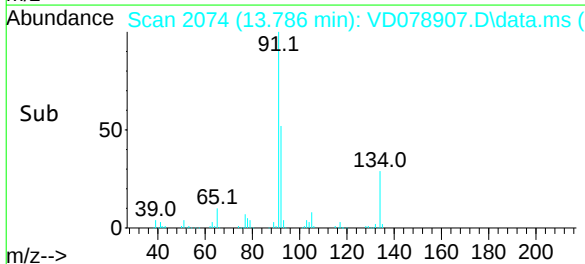
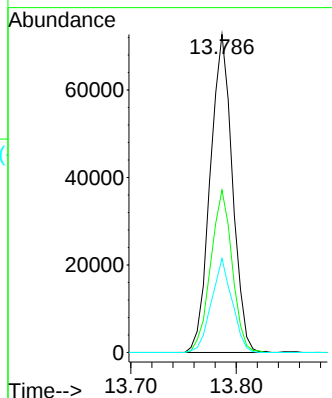
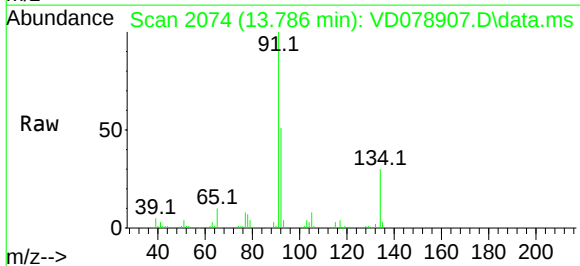
VSTDICC020

Tgt Ion:	91	Resp:	106126
Ion	Ratio	Lower	Upper
91	100		
92	49.6	25.7	77.0
134	27.6	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#90

Hexachloroethane

Concen: 19.321 ug/l

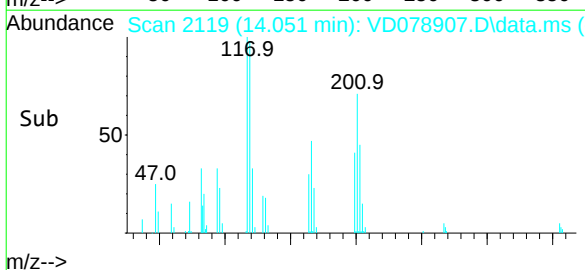
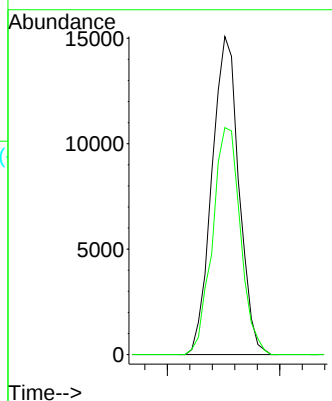
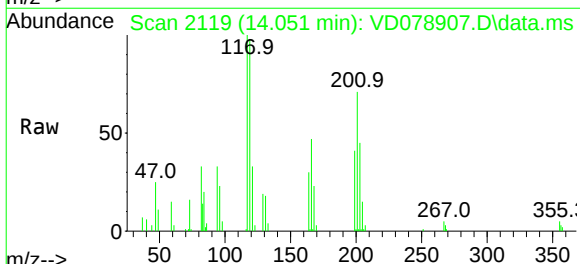
RT: 14.051 min Scan# 2119

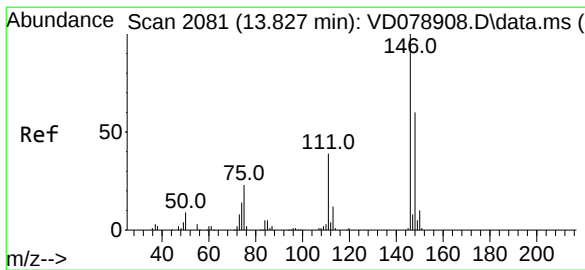
Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Tgt Ion:	117	Resp:	25202
Ion	Ratio	Lower	Upper
117	100		
201	73.8	36.3	108.9





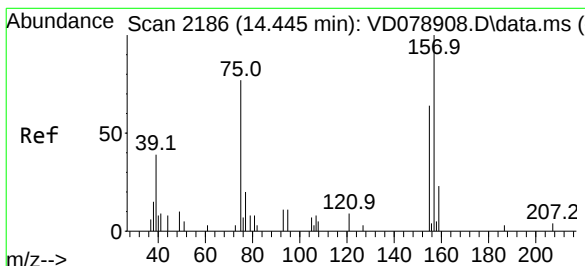
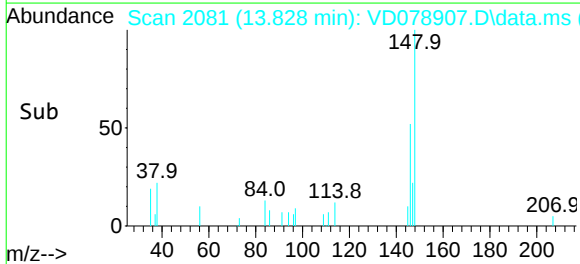
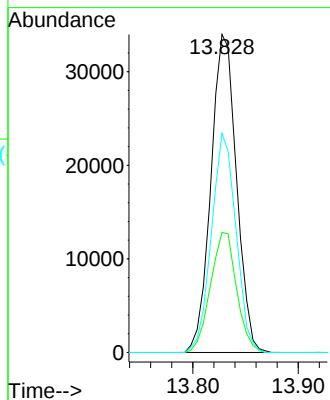
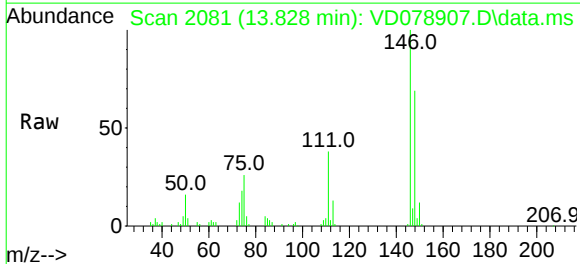
#91
1,2-Dichlorobenzene
Concen: 18.978 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:	146	Resp:	57221
Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.1
148	66.2	31.1	93.5

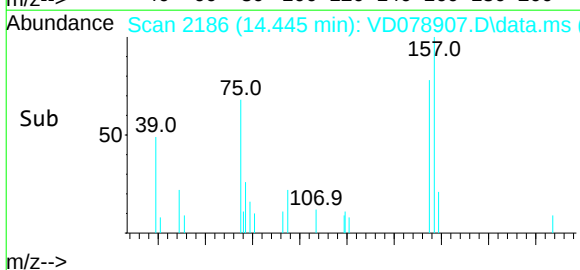
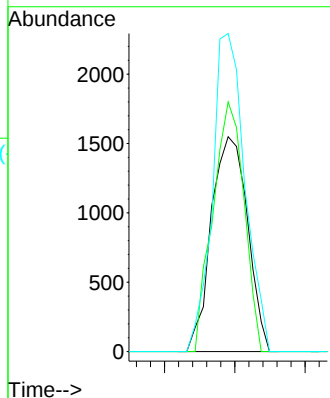
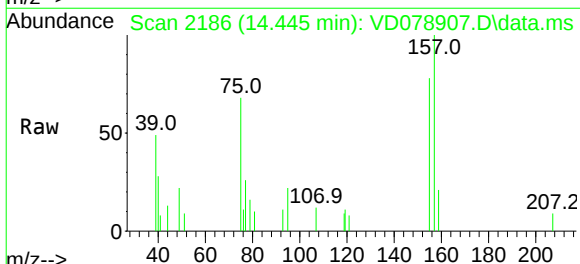
Manual Integrations
APPROVED

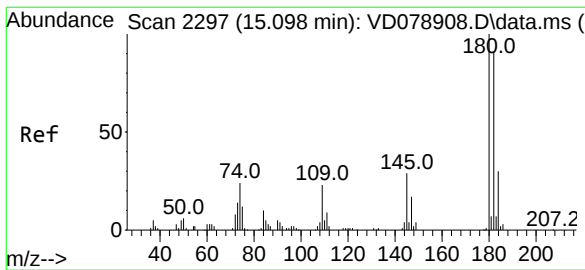
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.864 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion:	75	Resp:	2778
Ion	Ratio	Lower	Upper
75	100		
155	99.7	47.7	143.1
157	132.9	63.4	190.2





#93

1,2,4-Trichlorobenzene

Concen: 19.125 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

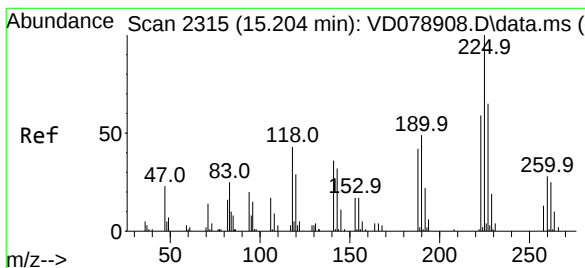
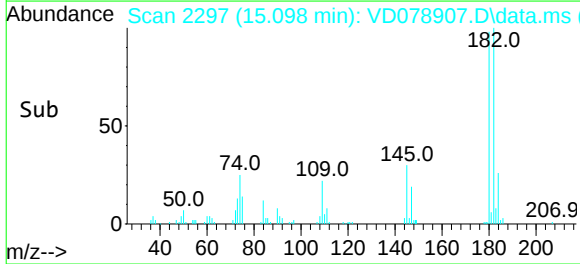
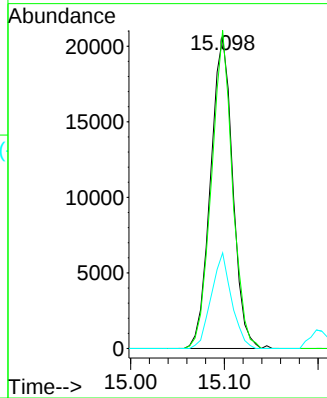
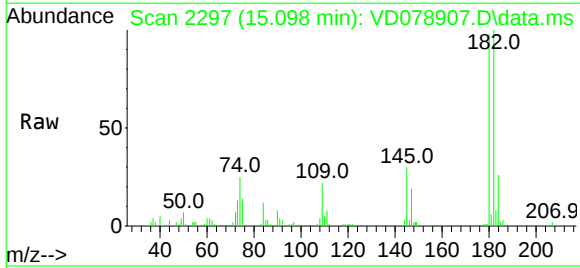
ClientSampleId :

VSTDIC020

Tgt Ion:	180	Resp:	33857
Ion Ratio	Lower	Upper	
180	100		
182	96.3	46.9	140.7
145	28.1	14.0	41.9

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#94

Hexachlorobutadiene

Concen: 18.982 ug/l

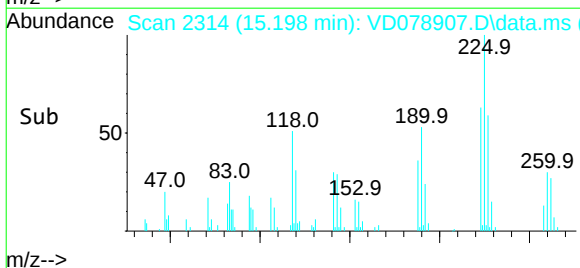
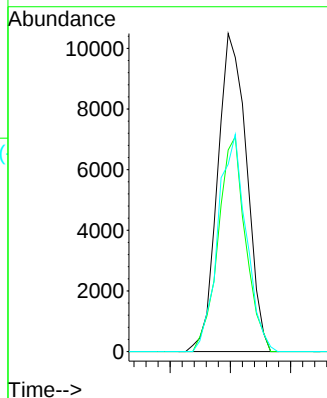
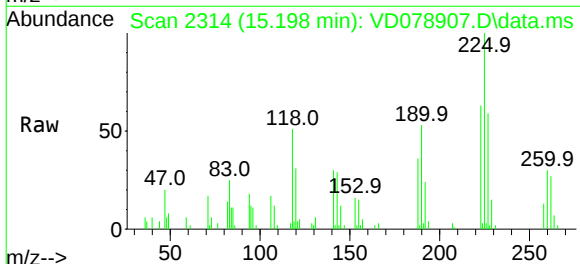
RT: 15.198 min Scan# 2314

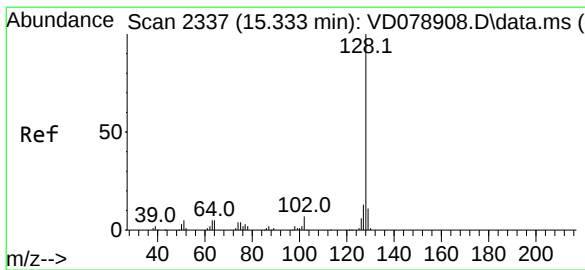
Delta R.T. -0.006 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Tgt Ion:	225	Resp:	17561
Ion Ratio	Lower	Upper	
225	100		
223	63.5	33.3	99.9
227	66.3	33.6	100.6





#95

Naphthalene

Concen: 18.886 ug/l

RT: 15.328 min Scan# 2337

Delta R.T. -0.005 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

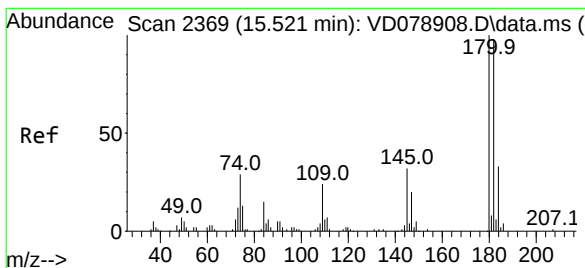
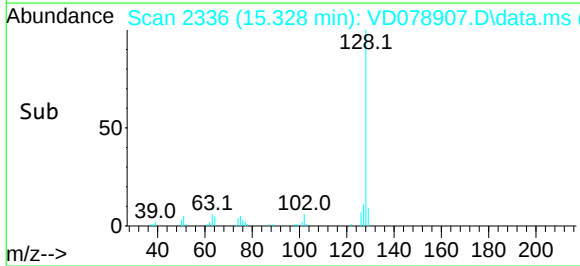
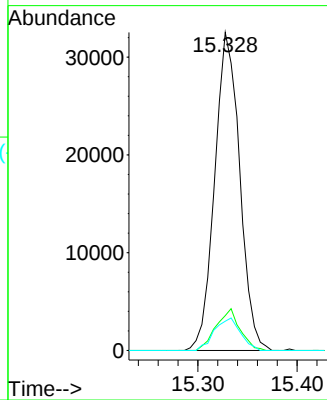
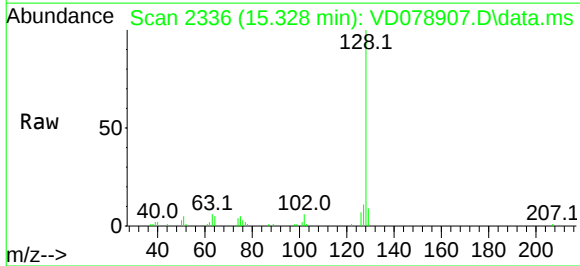
VSTDICC020

Tgt Ion:	128	Resp:	56949
Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.2	15.4
129	9.2	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.786 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Tgt Ion:	180	Resp:	29584
Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.8	143.3
145	29.6	16.1	48.2

