

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078202.D
 Acq On : 23 Jan 2024 10:47
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
 Supervised By :Semsettin Yesilyurt 01/24/2024

Quant Time: Jan 24 00:17:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	137453	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	248233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	226559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75023	47.811	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.620%		
35) Dibromofluoromethane	7.811	113	77467	47.418	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.840%		
50) Toluene-d8	10.275	98	300396	46.437	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.880%		
62) 4-Bromofluorobenzene	12.575	95	88493	47.171	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	63958	47.308	ug/l	97
3) Chloromethane	2.152	50	111123	49.841	ug/l	99
4) Vinyl Chloride	2.293	62	146076	44.816	ug/l	98
5) Bromomethane	2.699	94	107204	45.069	ug/l	98
6) Chloroethane	2.846	64	109179	47.953	ug/l	99
7) Trichlorofluoromethane	3.187	101	139290	46.982	ug/l	98
8) Diethyl Ether	3.599	74	40430	49.193	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.970	101	83440	48.592	ug/l	95
10) Methyl Iodide	4.170	142	82883	48.151	ug/l	# 88
11) Tert butyl alcohol	5.058	59	18032	233.422	ug/l	97
12) 1,1-Dichloroethene	3.946	96	81105	47.680	ug/l	85
13) Acrolein	3.805	56	38193	215.368	ug/l	100
14) Allyl chloride	4.569	41	105632	47.079	ug/l	89
15) Acrylonitrile	5.264	53	90251	244.715	ug/l	97
16) Acetone	4.028	43	107119	284.915	ug/l	# 82
17) Carbon Disulfide	4.281	76	257454	46.676	ug/l	96
18) Methyl Acetate	4.569	43	66104	48.965	ug/l	92
19) Methyl tert-butyl Ether	5.328	73	177376	50.005	ug/l	98
20) Methylene Chloride	4.811	84	95445	50.159	ug/l	# 88
21) trans-1,2-Dichloroethene	5.328	96	97521	49.614	ug/l	98
22) Diisopropyl ether	6.222	45	248474	52.334	ug/l	# 94
23) Vinyl Acetate	6.164	43	576753	246.561	ug/l	# 91
24) 1,1-Dichloroethane	6.116	63	163583	49.862	ug/l	96
25) 2-Butanone	7.087	43	125829	254.691	ug/l	# 85
26) 2,2-Dichloropropane	7.081	77	134986	49.117	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	108163	51.227	ug/l	92
28) Bromochloromethane	7.434	49	63099	49.313	ug/l	# 75
29) Tetrahydrofuran	7.446	42	66637	257.412	ug/l	# 84
30) Chloroform	7.599	83	170399	51.072	ug/l	94
31) Cyclohexane	7.887	56	136214	46.949	ug/l	88
32) 1,1,1-Trichloroethane	7.799	97	145906	50.625	ug/l	99
36) 1,1-Dichloropropene	8.016	75	132234	49.221	ug/l	97
37) Ethyl Acetate	7.169	43	46543	46.536	ug/l	# 91
38) Carbon Tetrachloride	7.999	117	127242	47.956	ug/l	98
39) Methylcyclohexane	9.275	83	157968	49.720	ug/l	97
40) Benzene	8.258	78	383437	50.294	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	31122	56.671	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	95595	48.191	ug/l	95
43) Isopropyl Acetate	8.363	43	88596	48.351	ug/l #	92
44) Trichloroethene	9.034	130	94678	48.542	ug/l	99
45) 1,2-Dichloropropane	9.305	63	94675	50.044	ug/l	97
46) Dibromomethane	9.399	93	51287	49.365	ug/l	89
47) Bromodichloromethane	9.587	83	130665	50.067	ug/l	95
48) Methyl methacrylate	9.381	41	53596	50.523	ug/l #	78
49) 1,4-Dioxane	9.387	88	10028	997.540	ug/l #	90
51) 4-Methyl-2-Pentanone	10.163	43	234768	243.824	ug/l	90
52) Toluene	10.340	92	246794	51.069	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	119101	49.467	ug/l	96
54) cis-1,3-Dichloropropene	10.022	75	146425	50.731	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	69234	49.802	ug/l	93
56) Ethyl methacrylate	10.599	69	58551	51.451	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	117745	49.526	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	165054	242.026	ug/l	95
59) 2-Hexanone	10.922	43	187486	239.618	ug/l	85
60) Dibromochloromethane	11.075	129	82191	50.147	ug/l	95
61) 1,2-Dibromoethane	11.181	107	63884	49.853	ug/l	100
64) Tetrachloroethene	10.810	164	72820	49.157	ug/l #	89
65) Chlorobenzene	11.610	112	251859	50.323	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	89086	49.810	ug/l	99
67) Ethyl Benzene	11.687	91	466541	51.225	ug/l	95
68) m/p-Xylenes	11.793	106	358377	103.028	ug/l	90
69) o-Xylene	12.122	106	164336	52.058	ug/l	89
70) Styrene	12.134	104	256023	54.123	ug/l	97
71) Bromoform	12.304	173	43364	48.959	ug/l #	100
73) Isopropylbenzene	12.422	105	437561	50.505	ug/l	96
74) N-amyl acetate	12.234	43	79673	48.066	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	77357	47.985	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	54570m	51.635	ug/l	
77) Bromobenzene	12.698	156	92676	48.790	ug/l	85
78) n-propylbenzene	12.763	91	544022	50.628	ug/l	96
79) 2-Chlorotoluene	12.851	91	286468	49.957	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	358454	49.898	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	24465	49.865	ug/l	94
82) 4-Chlorotoluene	12.951	91	308485	51.035	ug/l	93
83) tert-Butylbenzene	13.169	119	307624	51.226	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	374121	51.494	ug/l	95
85) sec-Butylbenzene	13.345	105	461718	50.777	ug/l	94
86) p-Isopropyltoluene	13.463	119	408950	51.681	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	197960	50.335	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	193160	49.714	ug/l	97
89) n-Butylbenzene	13.787	91	393056	51.025	ug/l	96
90) Hexachloroethane	14.051	117	75887	48.889	ug/l	87
91) 1,2-Dichlorobenzene	13.834	146	165154	49.940	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10130	43.971	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	100704	49.262	ug/l	96
94) Hexachlorobutadiene	15.204	225	50370	50.990	ug/l	96
95) Naphthalene	15.328	128	191515	50.108	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	84994	49.556	ug/l	98

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

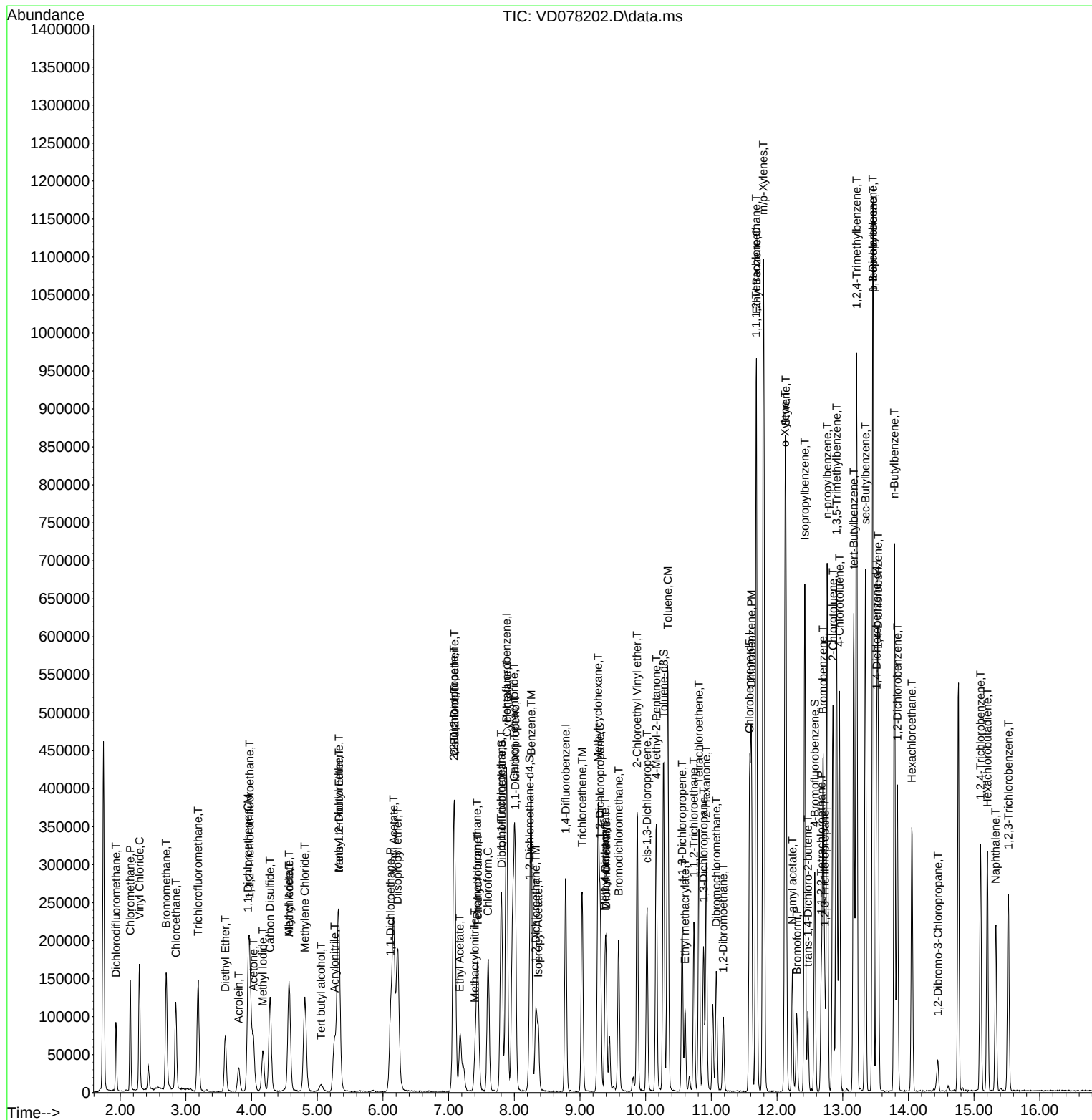
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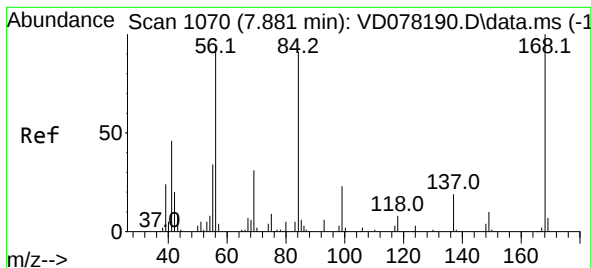
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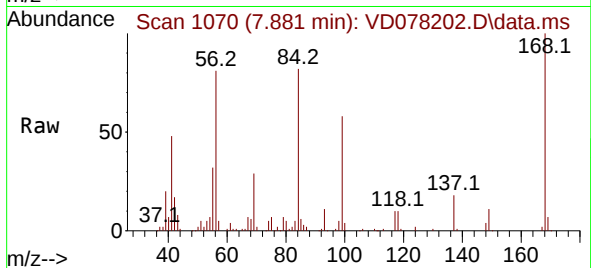
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078202.D
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VSTDCCC050

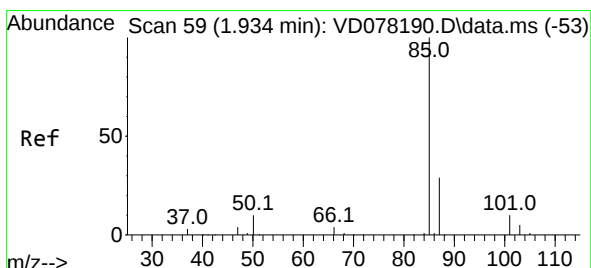
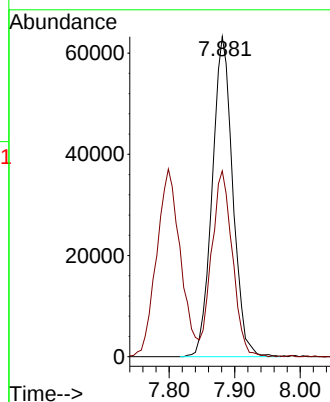
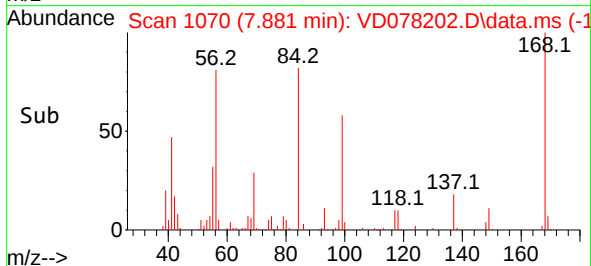


Tgt Ion:168 Resp: 13745
Ion Ratio Lower Upper
168 100
99 57.8 36.7 55.1

Manual Integrations

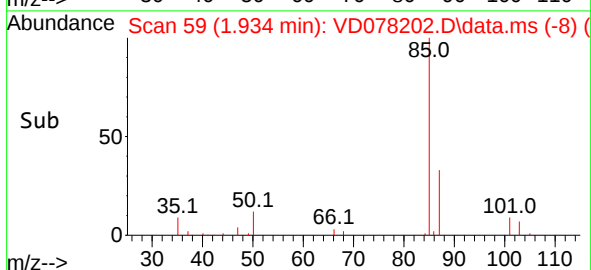
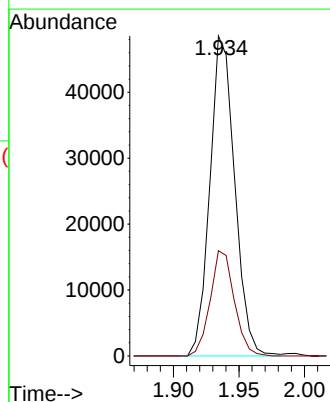
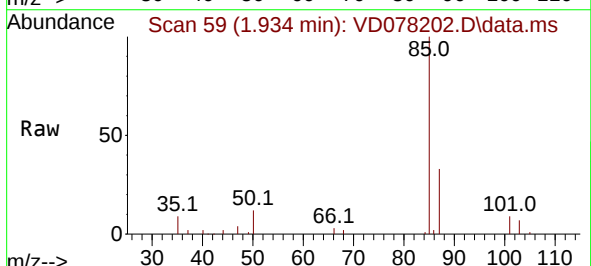
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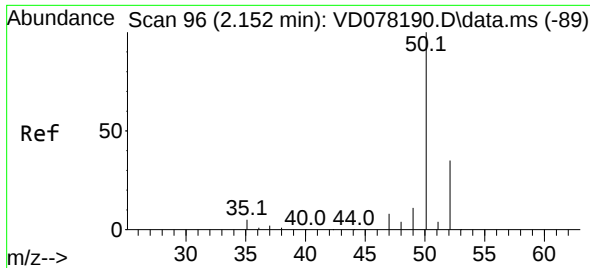
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#2
Dichlorodifluoromethane
Concen: 47.308 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 85 Resp: 63958
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0





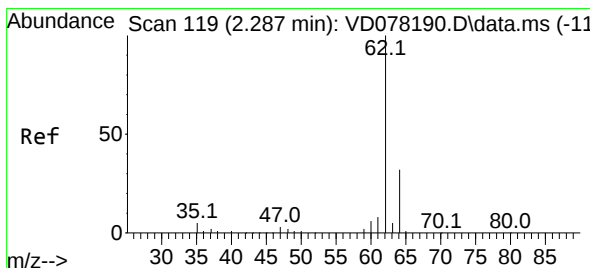
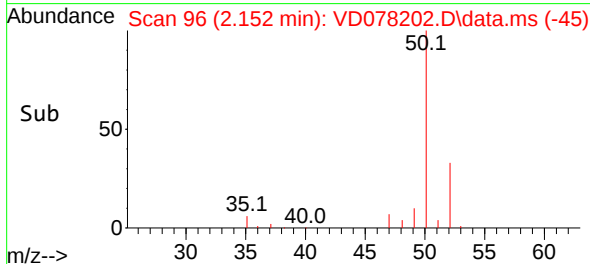
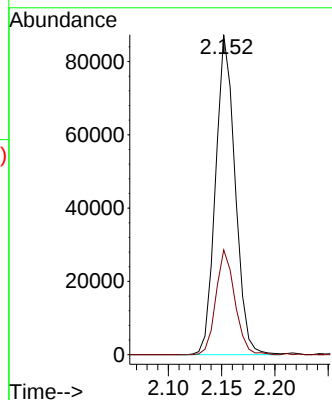
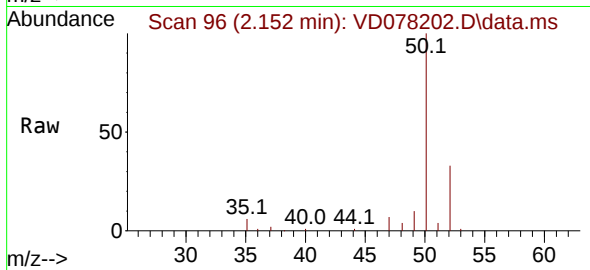
#3
Chloromethane
Concen: 49.841 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 11112
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0

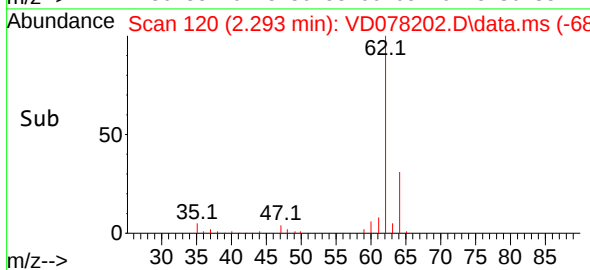
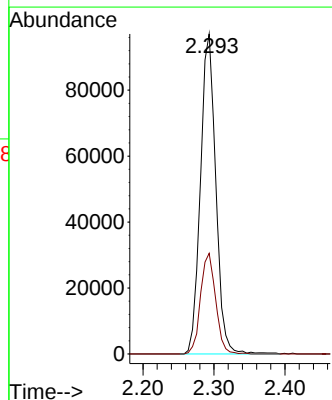
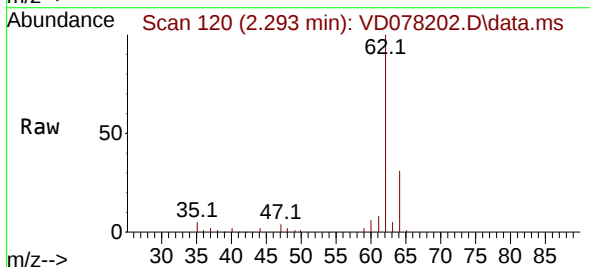
Manual Integrations
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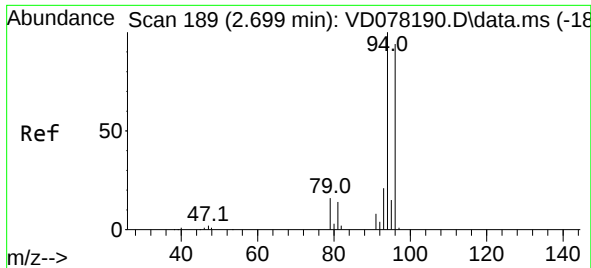
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#4
Vinyl Chloride
Concen: 44.816 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

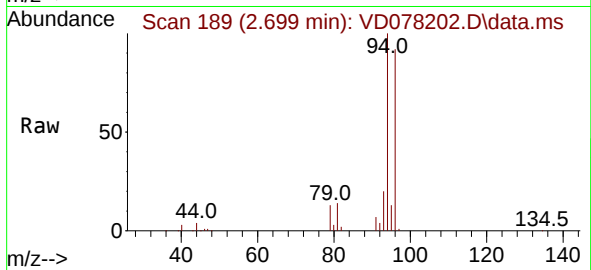
Tgt Ion: 62 Resp: 146076
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0





#5
Bromomethane
Concen: 45.069 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

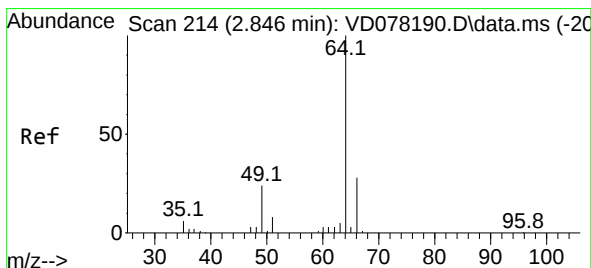
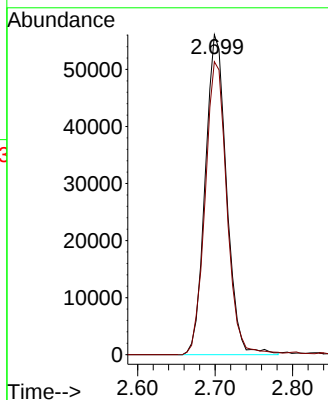
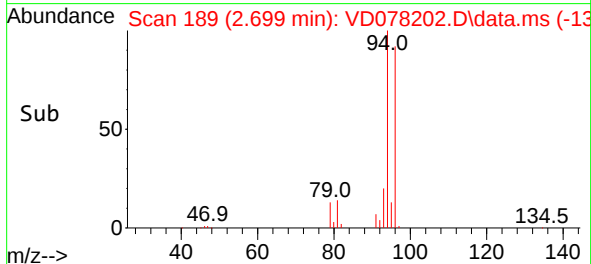
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MSVOA_D
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Tgt Ion: 94 Resp: 107204
Ion Ratio Lower Upper
94 100
96 93.2 75.8 113.8

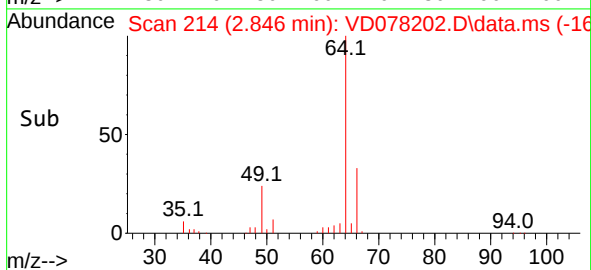
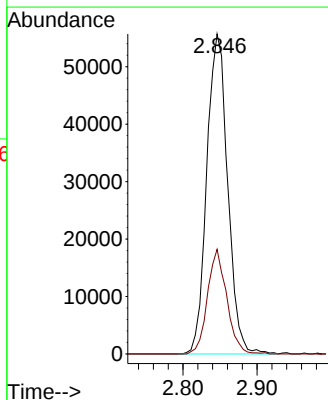
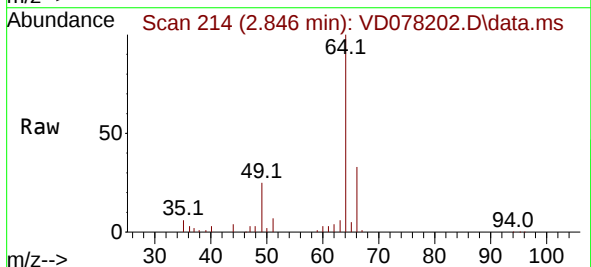
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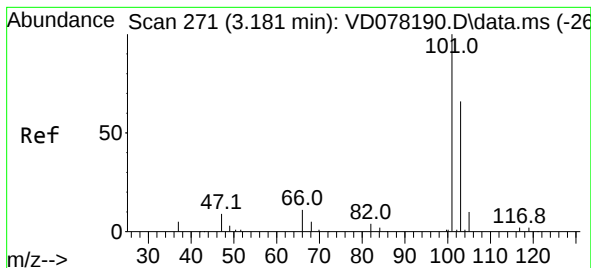
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#6
Chloroethane
Concen: 47.953 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

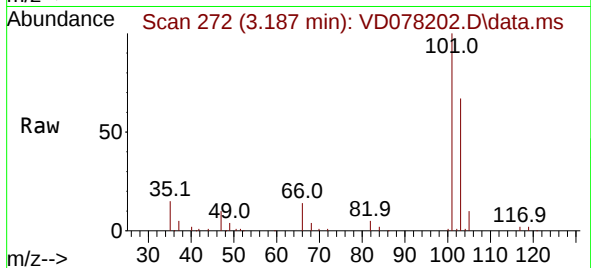
Tgt Ion: 64 Resp: 109179
Ion Ratio Lower Upper
64 100
66 32.7 25.5 38.3





#7
Trichlorofluoromethane
Concen: 46.982 ug/l
RT: 3.187 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

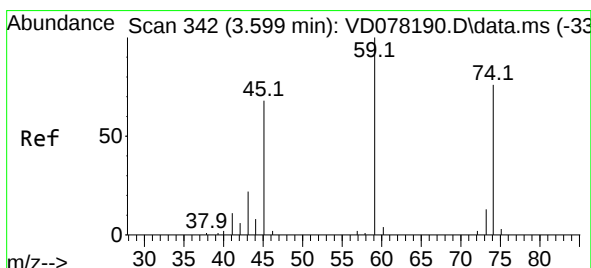
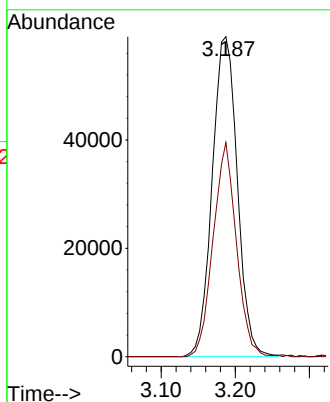
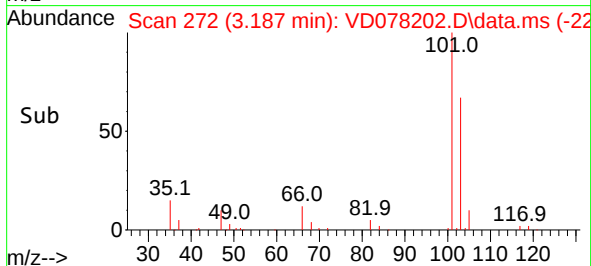
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Tgt Ion:101 Resp: 139290
Ion Ratio Lower Upper
101 100
103 66.9 52.3 78.5

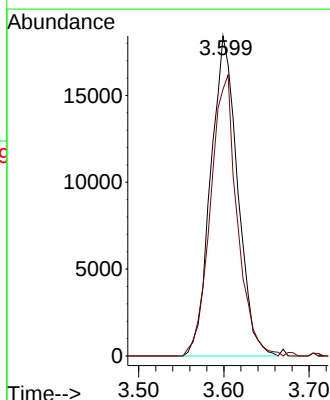
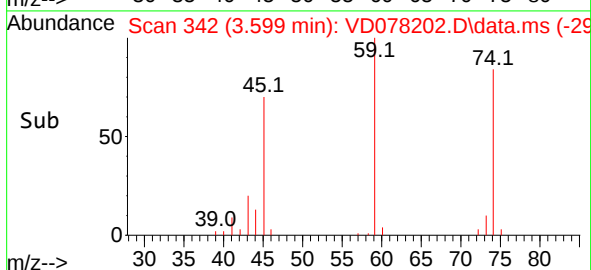
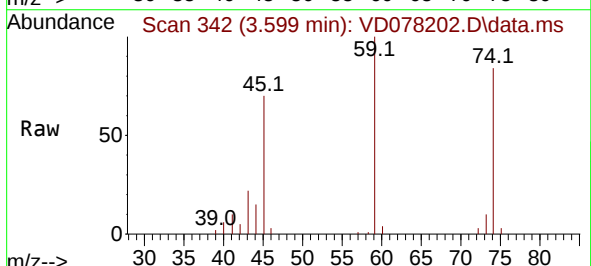
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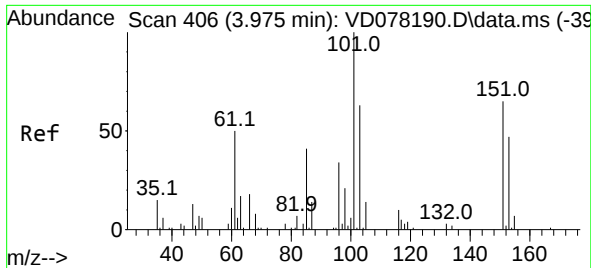
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#8
Diethyl Ether
Concen: 49.193 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 74 Resp: 40430
Ion Ratio Lower Upper
74 100
45 87.1 37.5 112.7





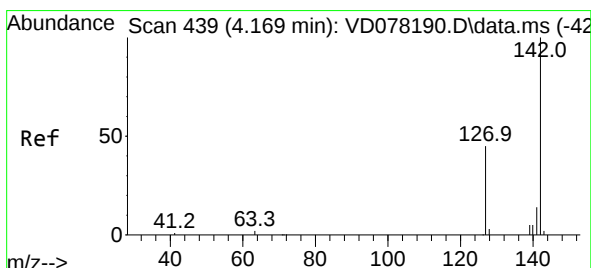
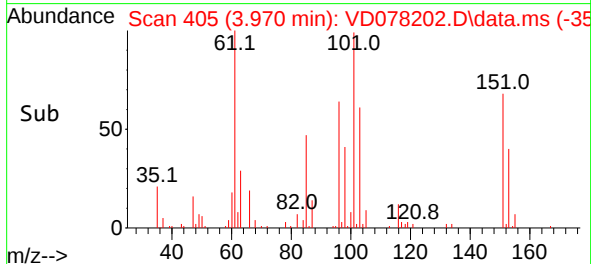
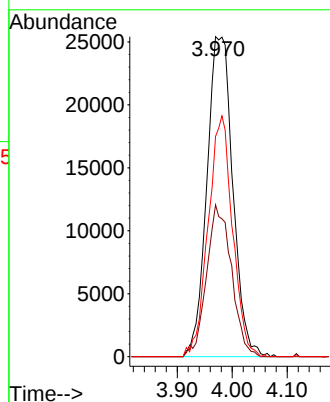
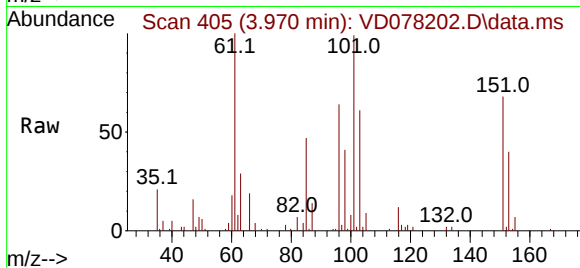
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.592 ug/l
RT: 3.970 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 83440
Ion Ratio Lower Upper
101 100
85 45.4 33.8 50.6
151 70.7 59.8 89.6

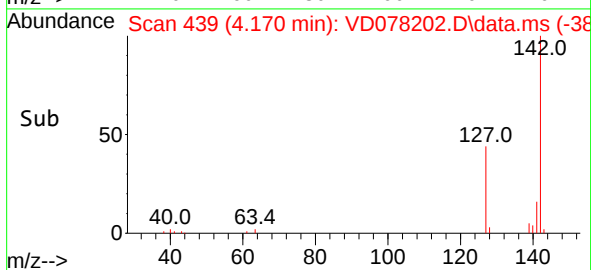
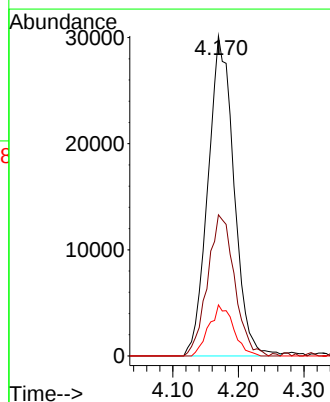
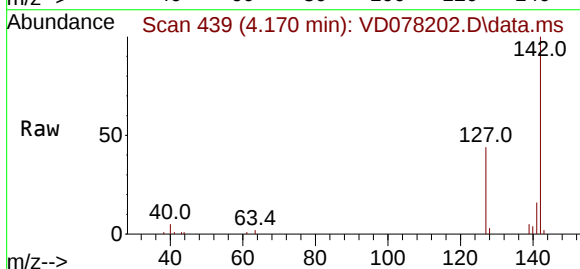
Manual Integrations
APPROVED

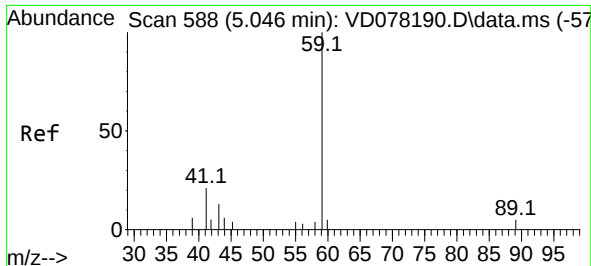
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#10
Methyl Iodide
Concen: 48.151 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

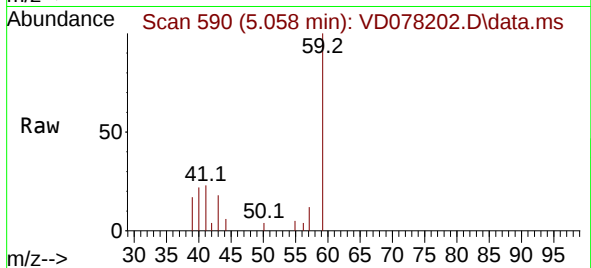
Tgt Ion:142 Resp: 82883
Ion Ratio Lower Upper
142 100
127 45.9 29.4 44.0#
141 15.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 233.422 ug/l
RT: 5.058 min Scan# 59
Delta R.T. 0.012 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

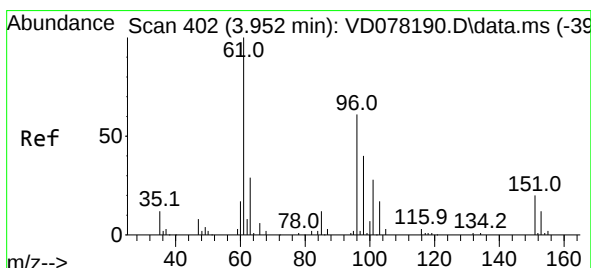
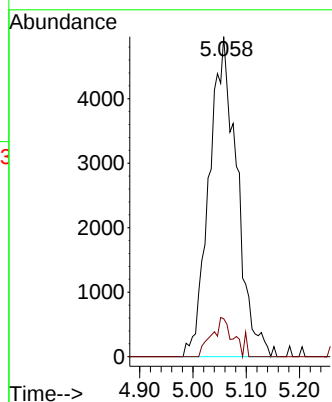
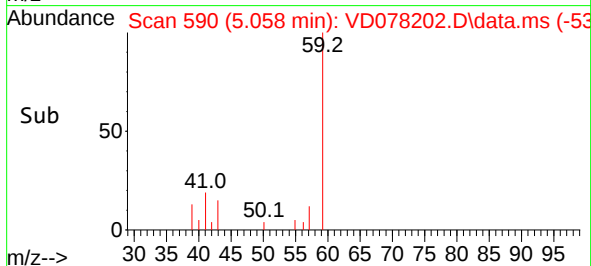
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



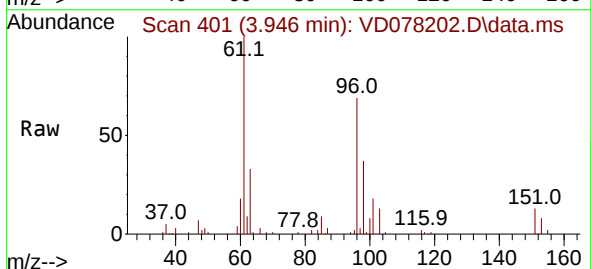
Tgt Ion: 59 Resp: 1803
Ion Ratio Lower Upper
59 100
57 8.9 7.8 11.8

Manual Integrations
APPROVED

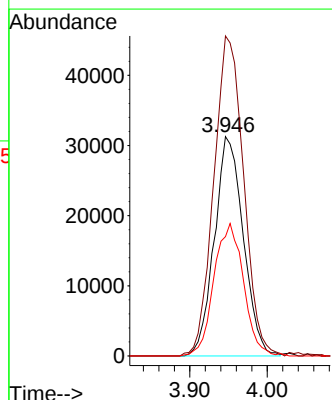
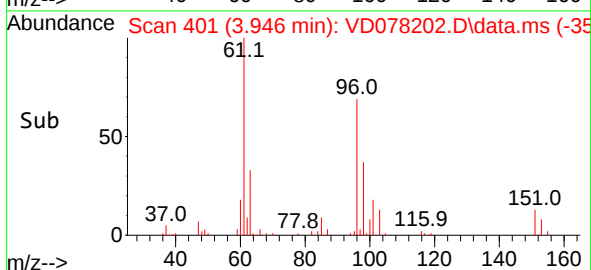
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

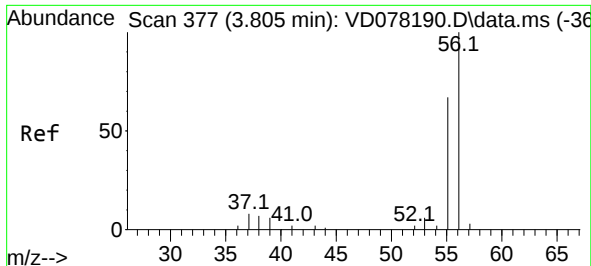


#12
1,1-Dichloroethene
Concen: 47.680 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47



Tgt Ion: 96 Resp: 81105
Ion Ratio Lower Upper
96 100
61 145.8 100.6 150.8
98 54.4 50.2 75.2





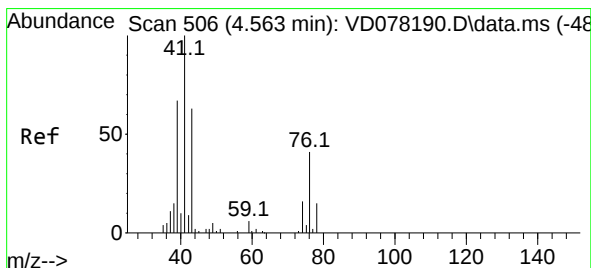
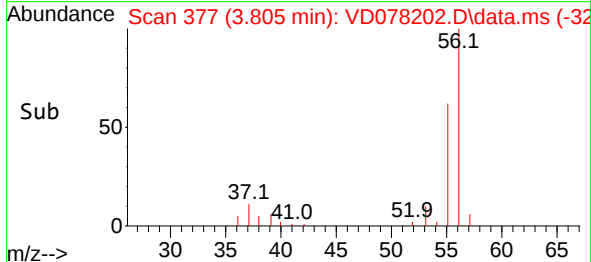
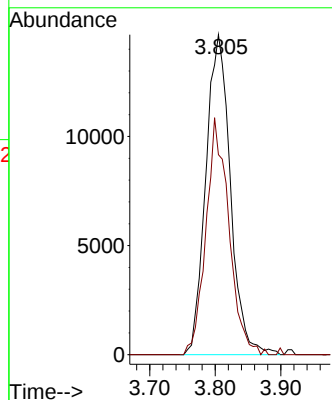
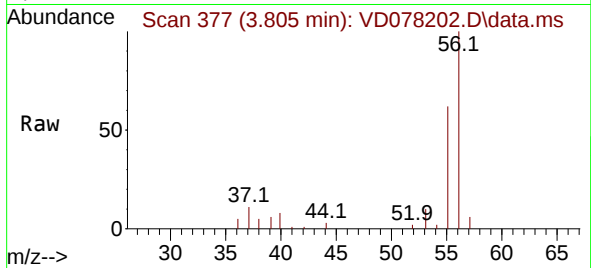
#13
Acrolein
Concen: 215.368 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 3819
Ion Ratio Lower Upper
56 100
55 69.1 55.1 82.7

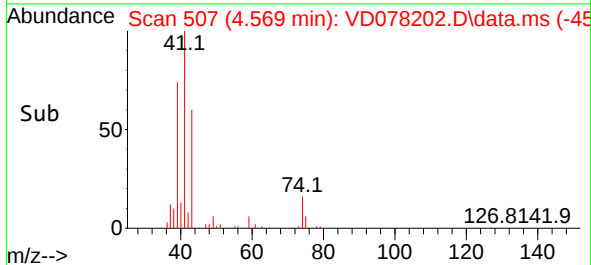
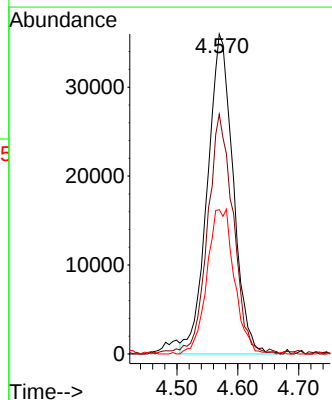
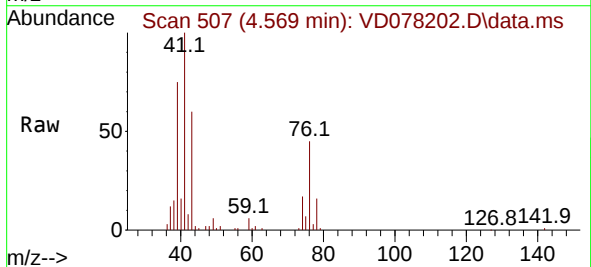
Manual Integrations
APPROVED

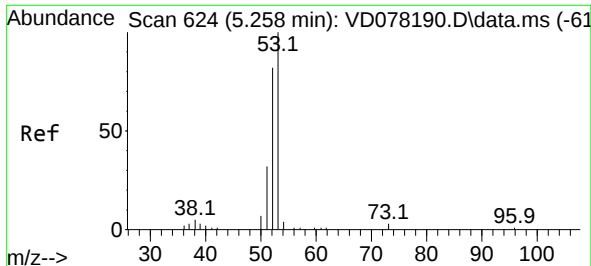
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#14
Allyl chloride
Concen: 47.079 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 41 Resp: 105632
Ion Ratio Lower Upper
41 100
39 74.7 53.8 80.6
76 48.0 45.8 68.8





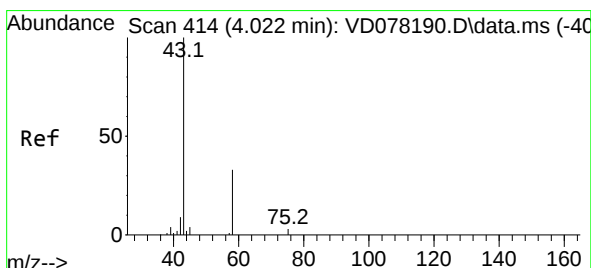
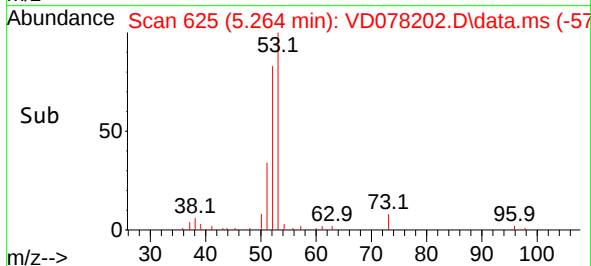
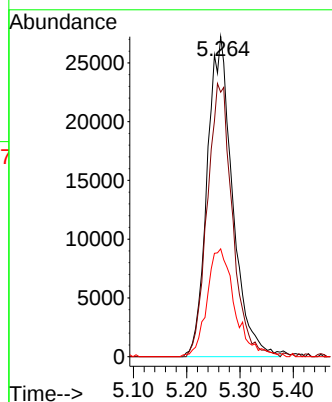
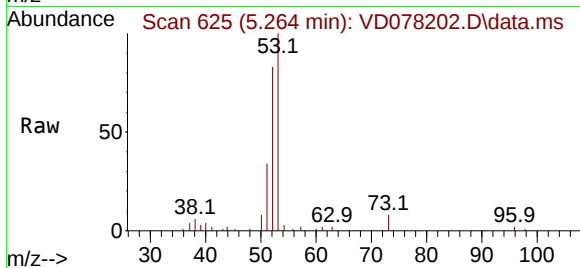
#15
Acrylonitrile
Concen: 244.715 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 9025
Ion Ratio Lower Upper
53 100
52 84.2 65.0 97.4
51 36.8 28.3 42.5

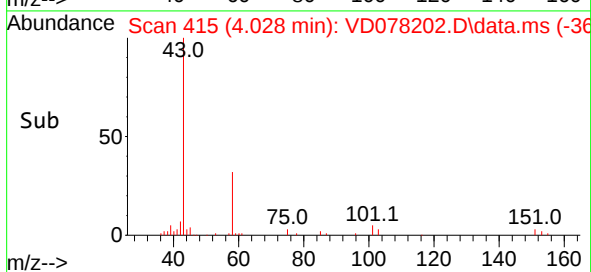
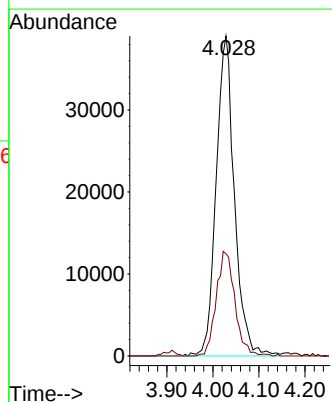
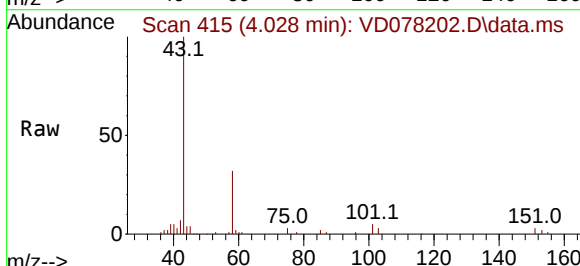
Manual Integrations
APPROVED

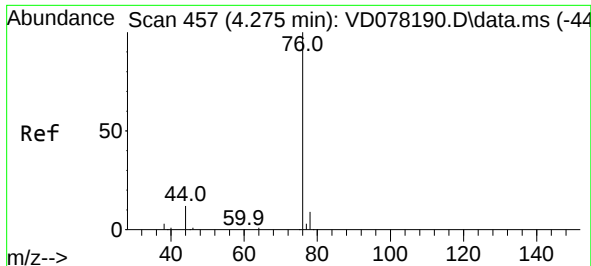
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#16
Acetone
Concen: 284.915 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 43 Resp: 107119
Ion Ratio Lower Upper
43 100
58 31.9 34.7 52.1#





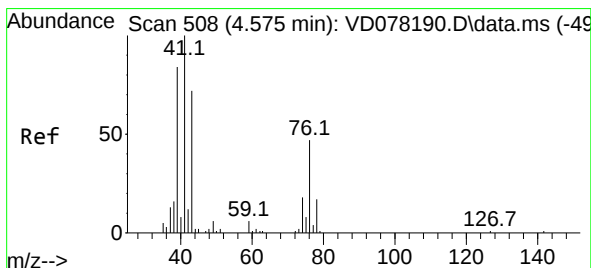
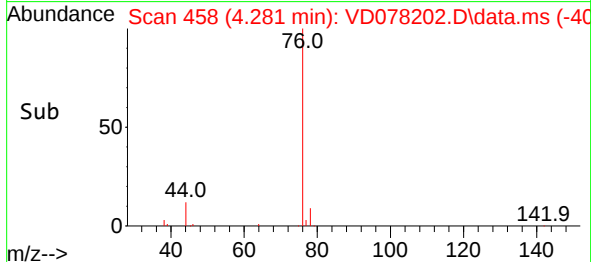
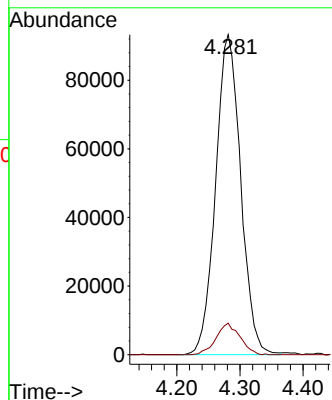
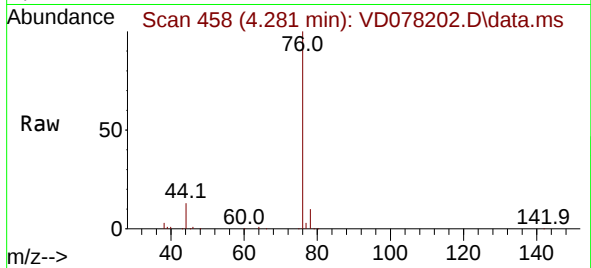
#17
Carbon Disulfide
Concen: 46.676 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 257454
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2

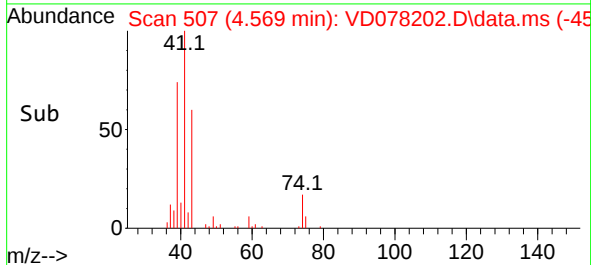
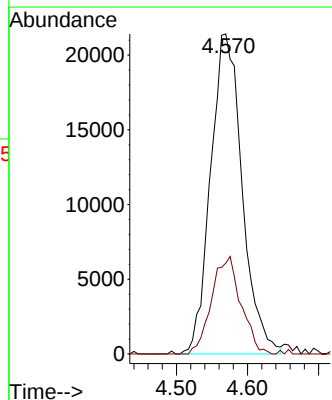
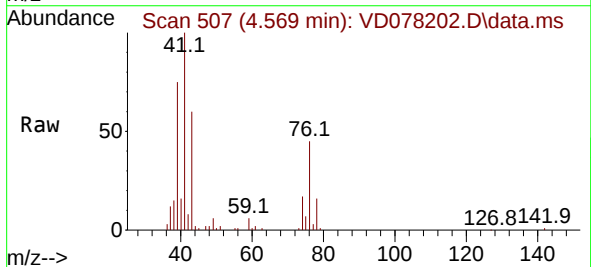
Manual Integrations
APPROVED

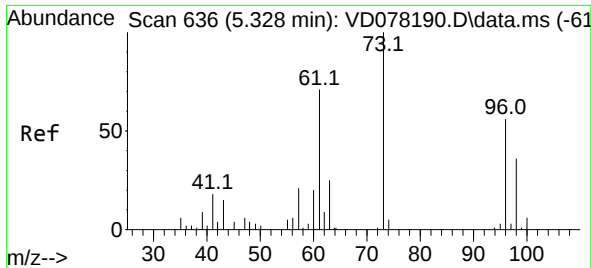
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#18
Methyl Acetate
Concen: 48.965 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 43 Resp: 66104
Ion Ratio Lower Upper
43 100
74 28.3 26.4 39.6





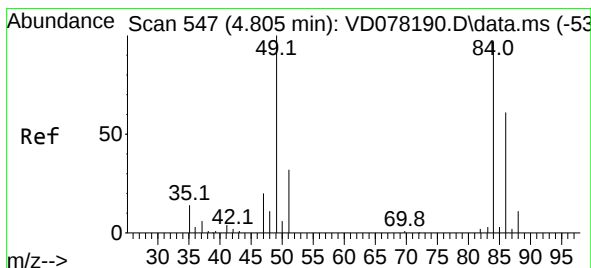
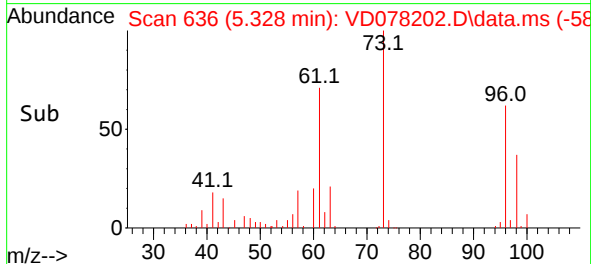
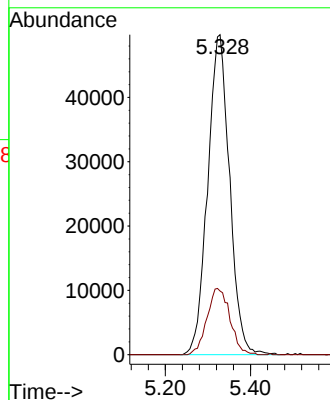
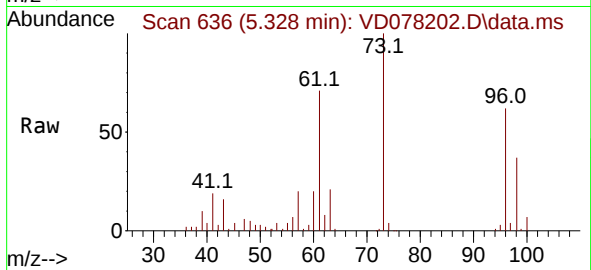
#19
Methyl tert-butyl Ether
Concen: 50.005 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 177370
Ion Ratio Lower Upper
73 100
57 19.9 16.6 25.0

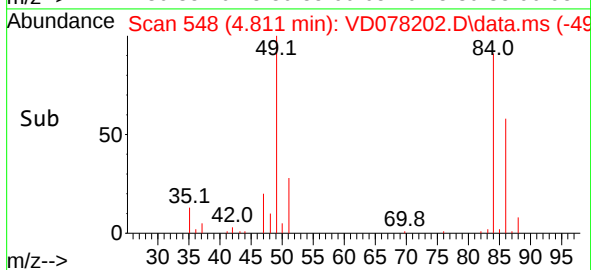
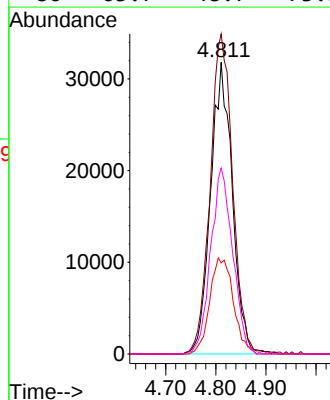
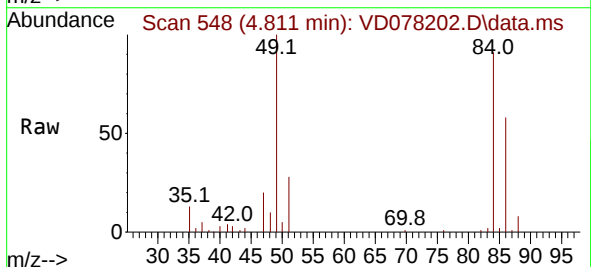
Manual Integrations
APPROVED

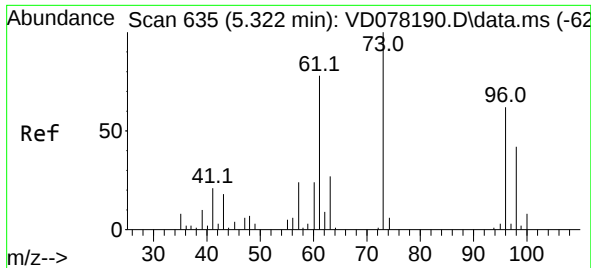
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#20
Methylene Chloride
Concen: 50.159 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 84 Resp: 95445
Ion Ratio Lower Upper
84 100
49 109.7 71.4 107.2#
51 31.2 24.5 36.7
86 63.7 48.7 73.1





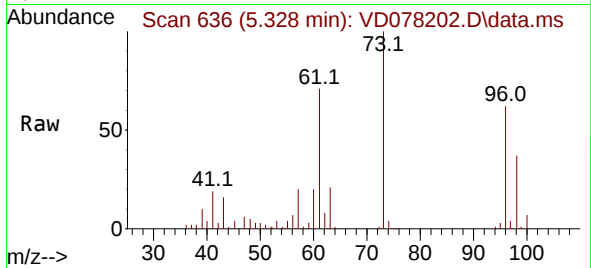
#21
trans-1,2-Dichloroethene
Concen: 49.614 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

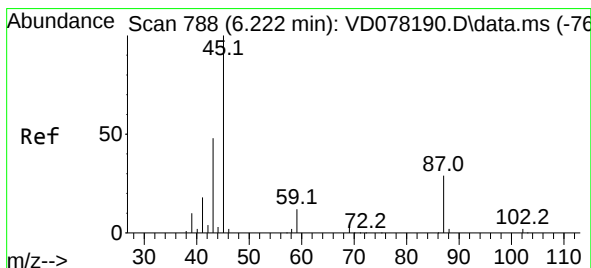
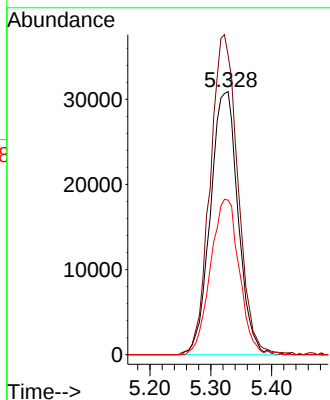
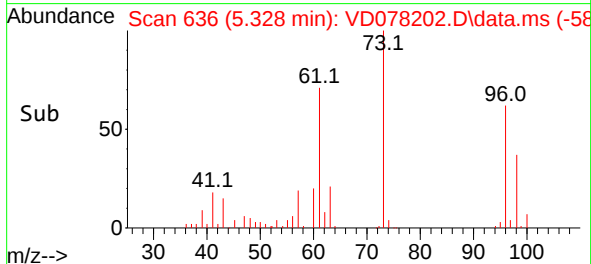


Tgt Ion: 96 Resp: 9752
Ion Ratio Lower Upper
96 100
61 113.8 89.3 133.9
98 58.8 48.6 73.0

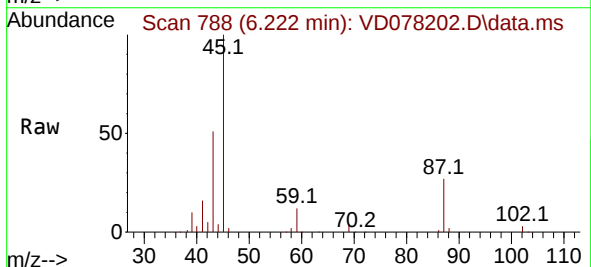
Manual Integrations

APPROVED

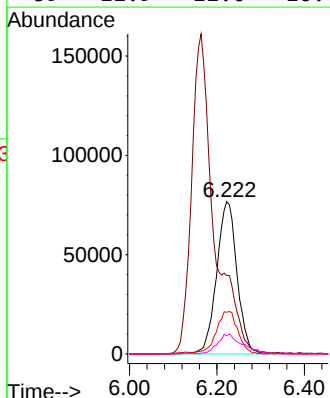
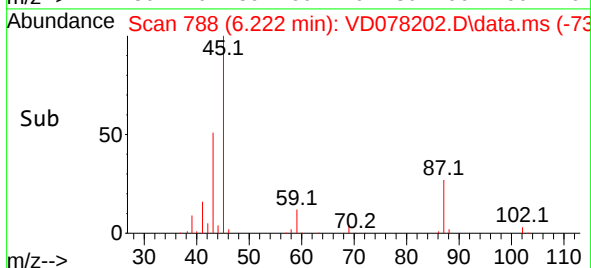
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

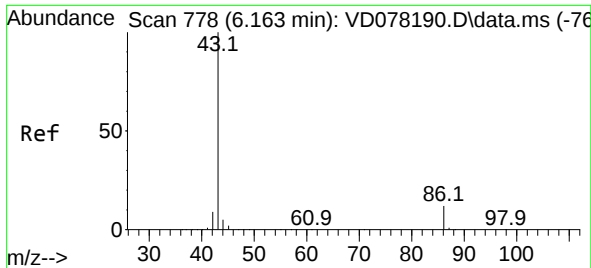


#22
Diisopropyl ether
Concen: 52.334 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47



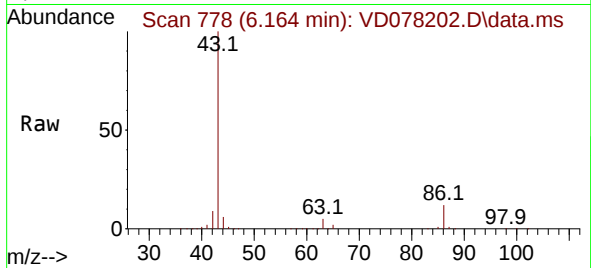
Tgt Ion: 45 Resp: 248474
Ion Ratio Lower Upper
45 100
43 50.4 40.0 60.0
87 27.1 28.2 42.4#
59 11.9 11.0 16.4





#23
 Vinyl Acetate
 Concen: 246.561 ug/l
 RT: 6.164 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078202.D
 Acq: 23 Jan 2024 10:47

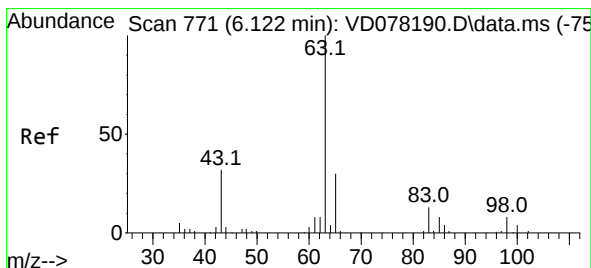
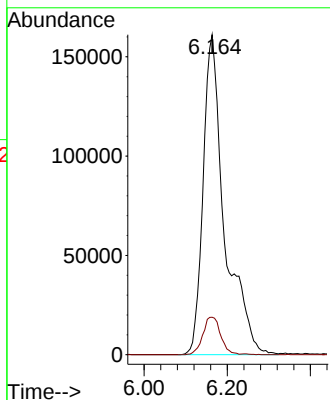
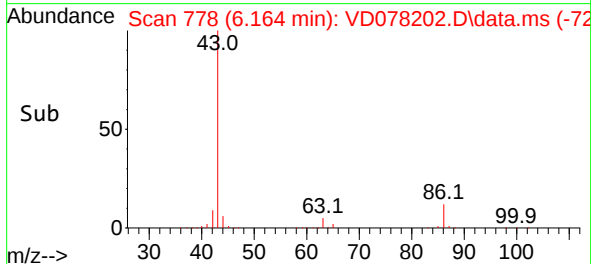
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



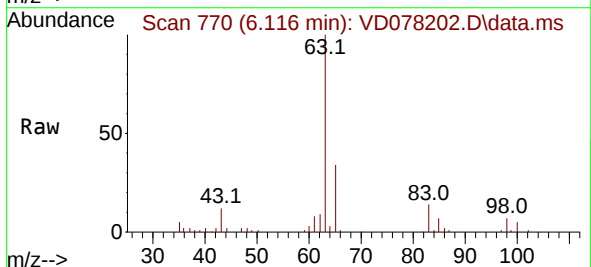
Tgt Ion: 43 Resp: 57675
 Ion Ratio Lower Upper
 43 100
 86 11.7 12.5 18.7

Manual Integrations
 APPROVED

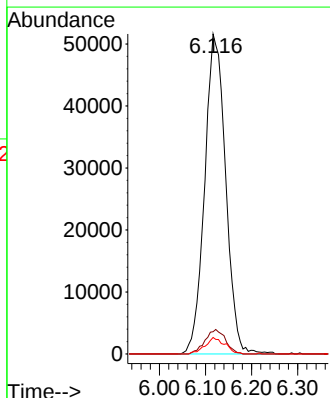
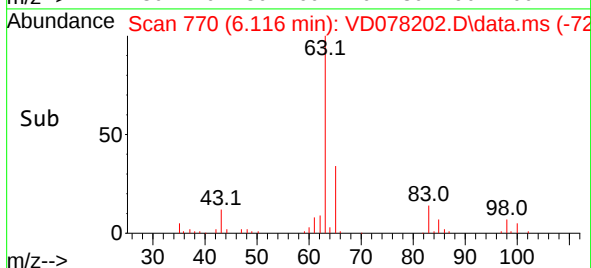
Reviewed By :Mahesh Dadoda 01/24/2024
 Supervised By :Semsettin Yesilyurt 01/24/2024

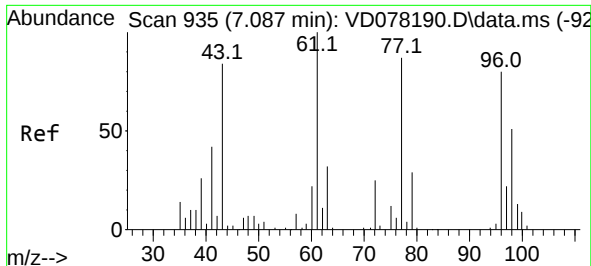


#24
 1,1-Dichloroethane
 Concen: 49.862 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078202.D
 Acq: 23 Jan 2024 10:47



Tgt Ion: 63 Resp: 163583
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 5.2 2.5 7.5





#25

2-Butanone

Concen: 254.691 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 125829

Ion Ratio Lower Upper

43 100

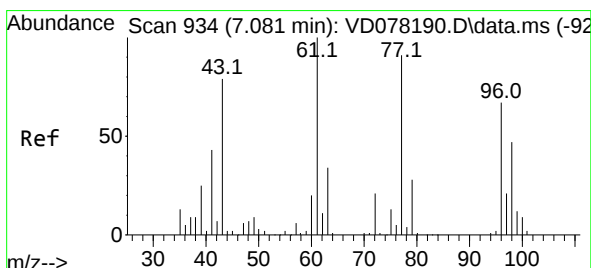
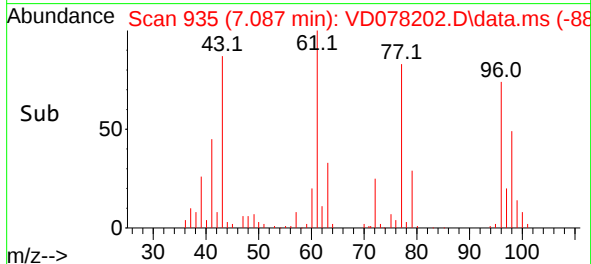
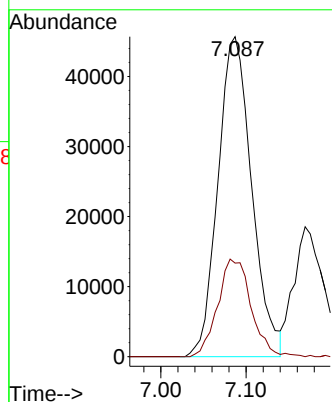
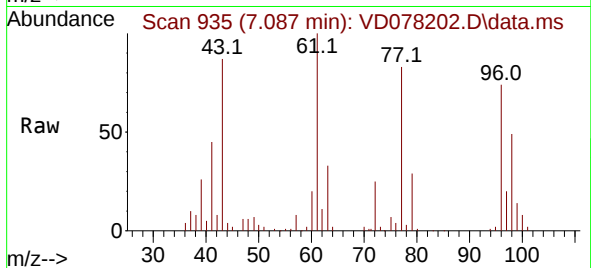
72 29.2 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024

Supervised By :Semsettin Yesilyurt 01/24/2024



#26

2,2-Dichloropropane

Concen: 49.117 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078202.D

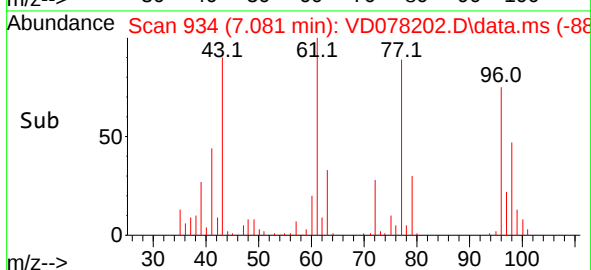
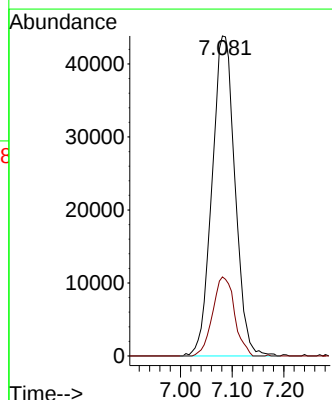
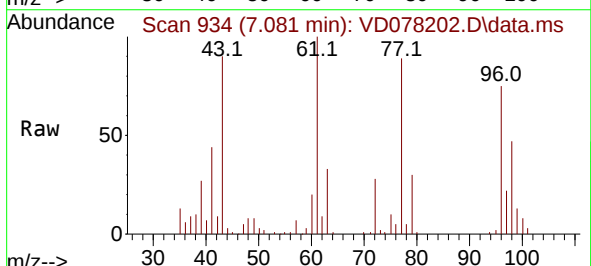
Acq: 23 Jan 2024 10:47

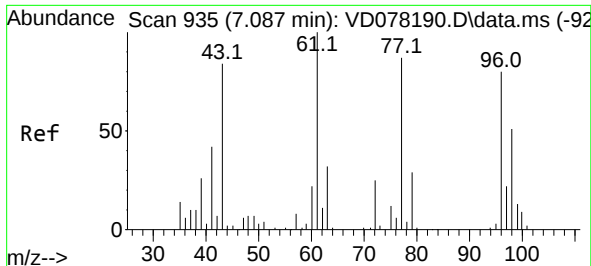
Tgt Ion: 77 Resp: 134986

Ion Ratio Lower Upper

77 100

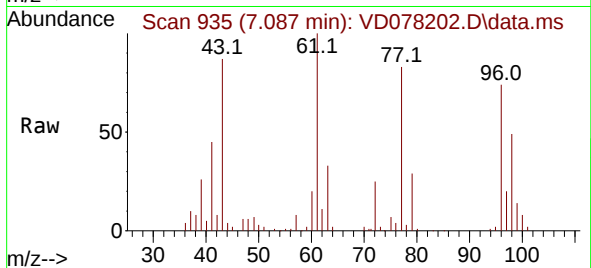
97 23.6 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 51.227 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

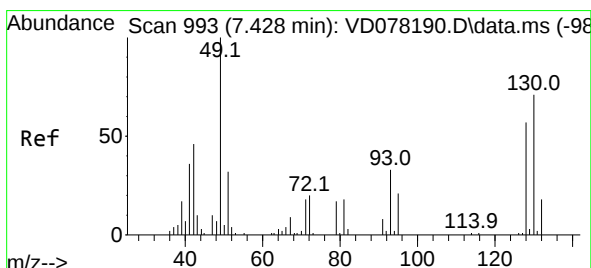
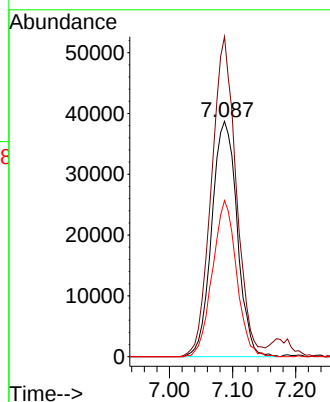
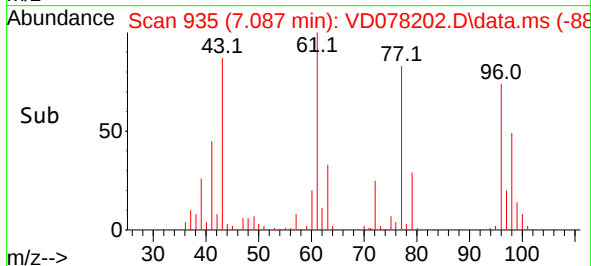
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 10816
Ion Ratio Lower Upper
96 100
61 132.8 0.0 239.2
98 63.0 0.0 128.6

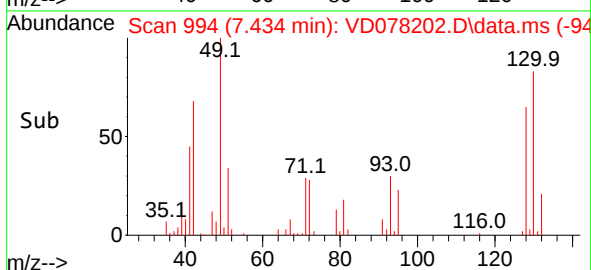
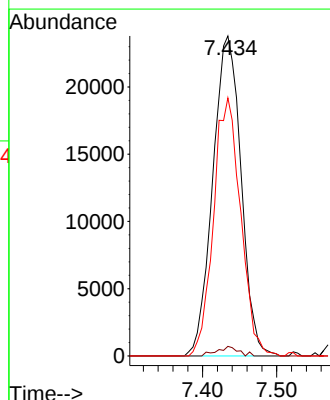
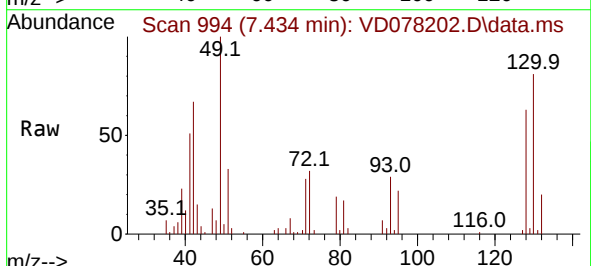
Manual Integrations
APPROVED

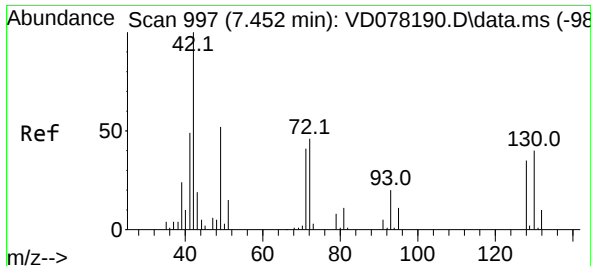
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#28
Bromochloromethane
Concen: 49.313 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 49 Resp: 63099
Ion Ratio Lower Upper
49 100
129 2.2 0.0 6.0
130 77.3 83.2 124.8#





#29

Tetrahydrofuran

Concen: 257.412 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

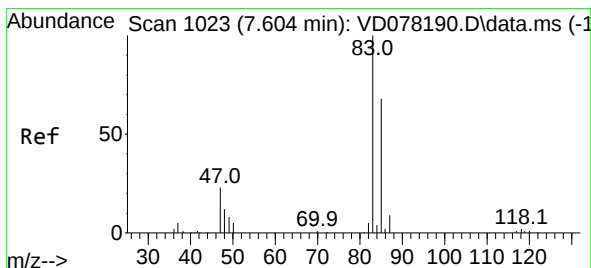
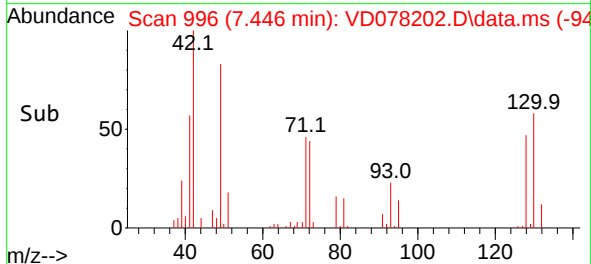
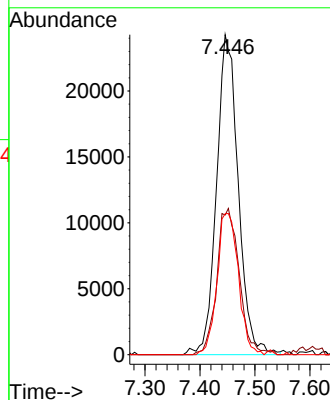
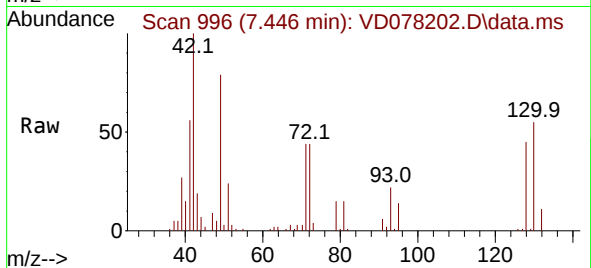
Tgt Ion: 42 Resp: 6663

Ion	Ratio	Lower	Upper
42	100		
72	47.3	46.5	69.7
71	43.5	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#30

Chloroform

Concen: 51.072 ug/l

RT: 7.599 min Scan# 1022

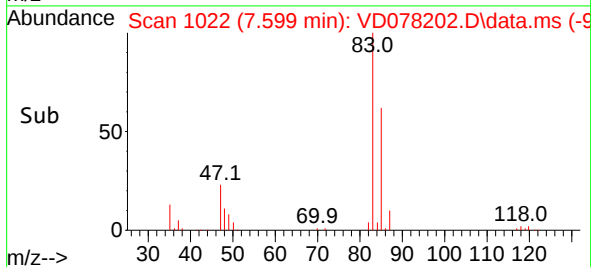
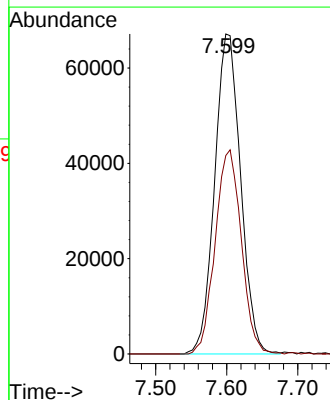
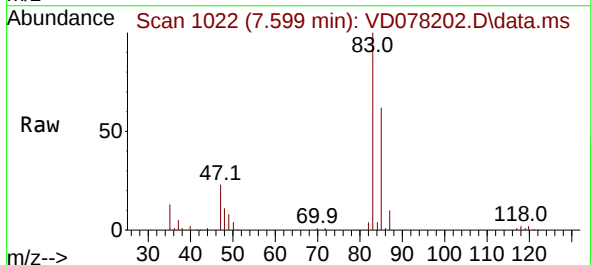
Delta R.T. -0.006 min

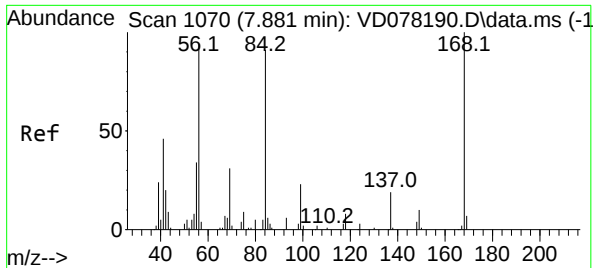
Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Tgt Ion: 83 Resp: 170399

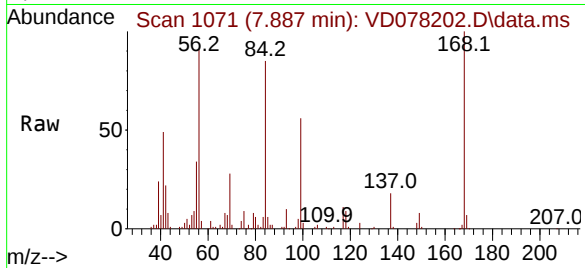
Ion	Ratio	Lower	Upper
83	100		
85	62.0	53.4	80.2





#31
Cyclohexane
Concen: 46.949 ug/l
RT: 7.887 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

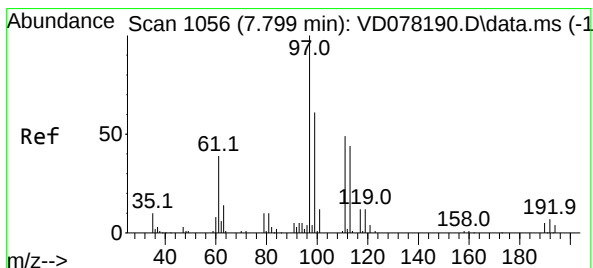
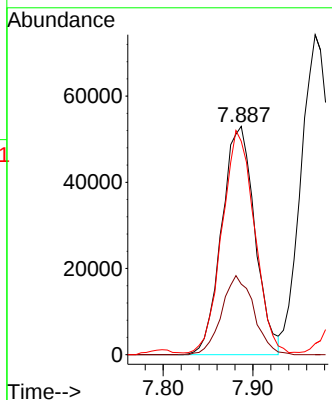
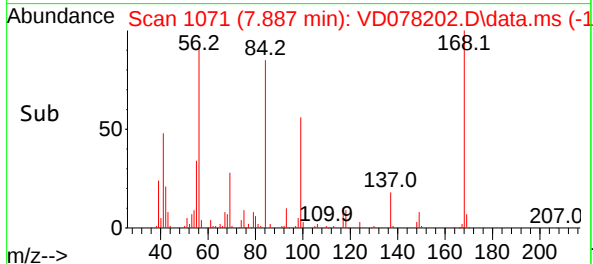
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 136214
Ion Ratio Lower Upper
56 100
69 30.9 28.6 43.0
84 92.6 84.8 127.2

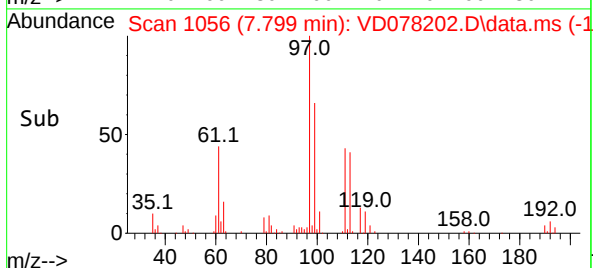
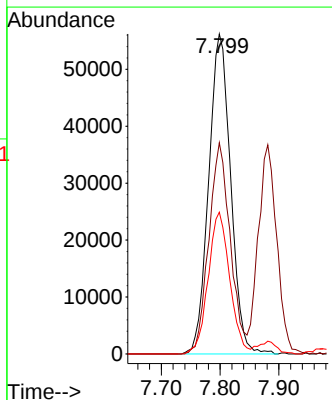
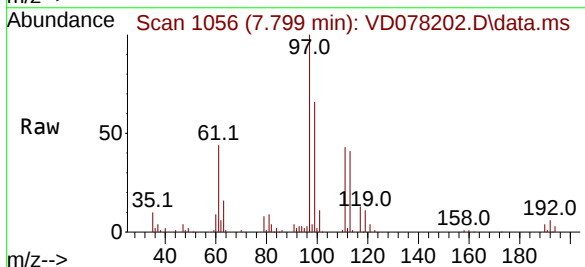
Manual Integrations
APPROVED

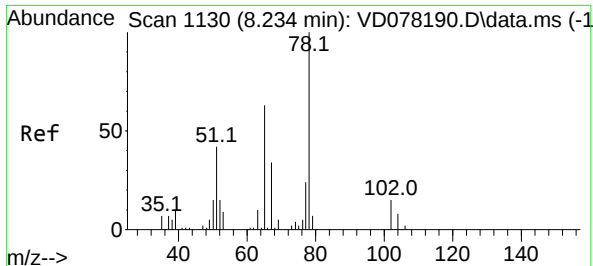
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#32
1,1,1-Trichloroethane
Concen: 50.625 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 97 Resp: 145906
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 43.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.811 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 75023

Ion Ratio Lower Upper

65 100

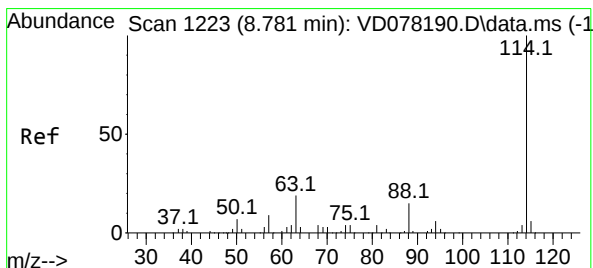
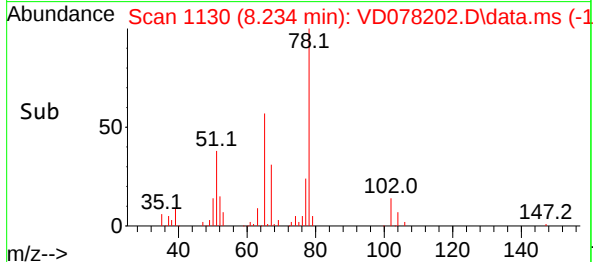
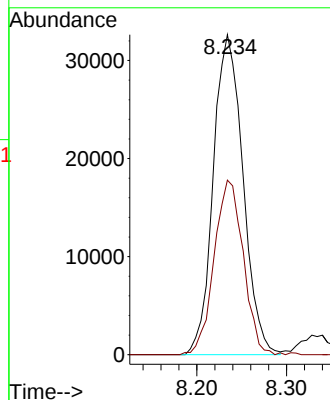
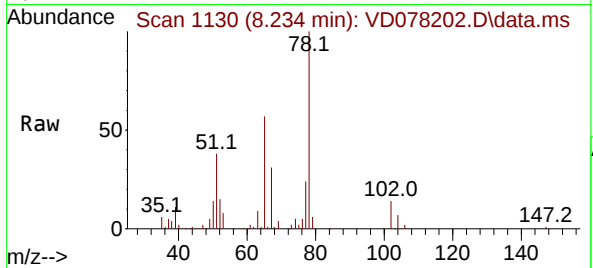
67 53.4 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024

Supervised By :Semsettin Yesilyurt 01/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

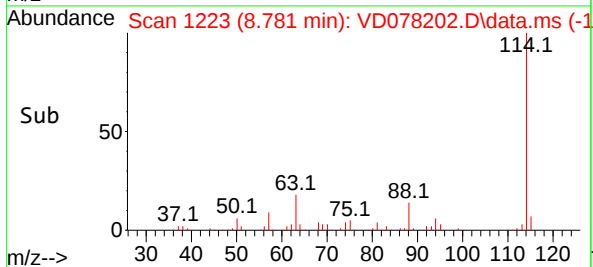
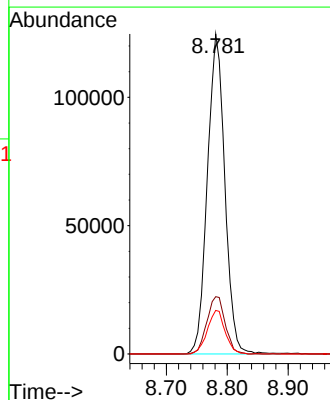
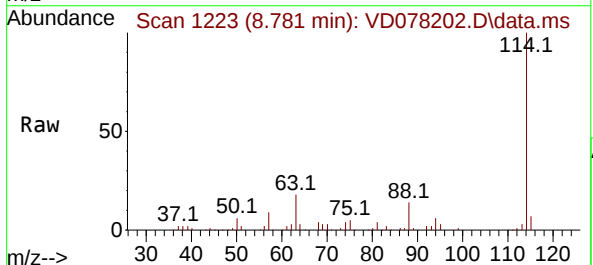
Tgt Ion:114 Resp: 248233

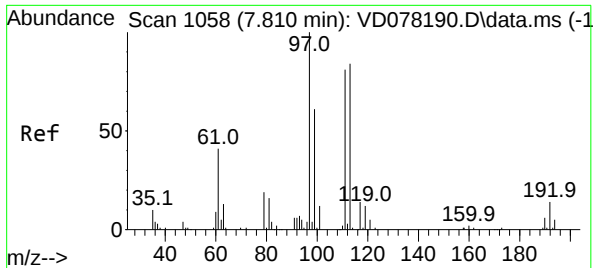
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

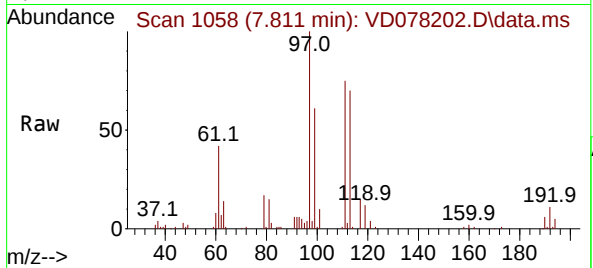
88 13.6 0.0 26.2





#35
Dibromofluoromethane
Concen: 47.418 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

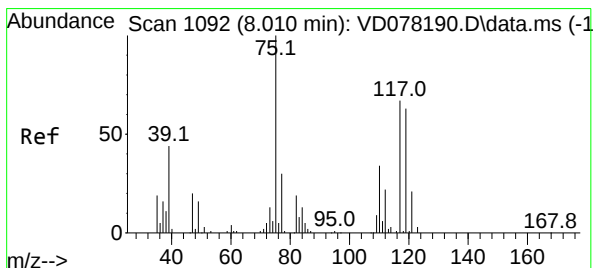
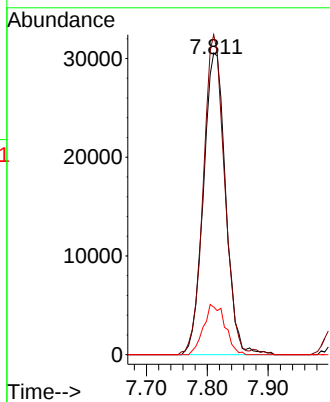
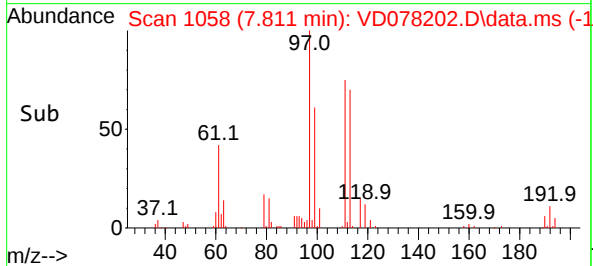
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 7746
Ion Ratio Lower Upper
113 100
111 100.9 84.7 127.1
192 16.2 16.8 25.2

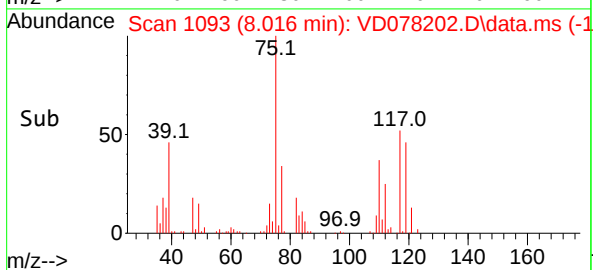
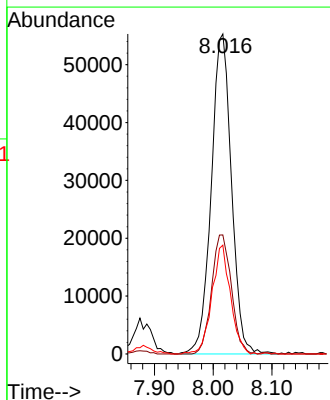
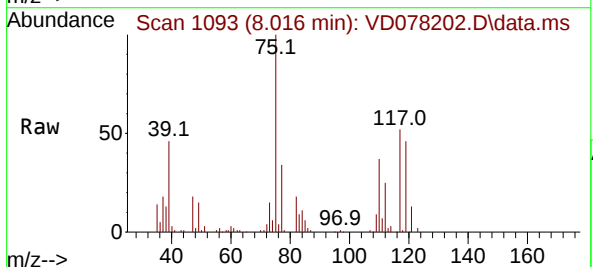
Manual Integrations
APPROVED

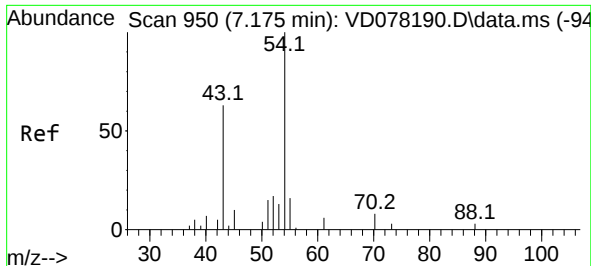
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#36
1,1-Dichloropropene
Concen: 49.221 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

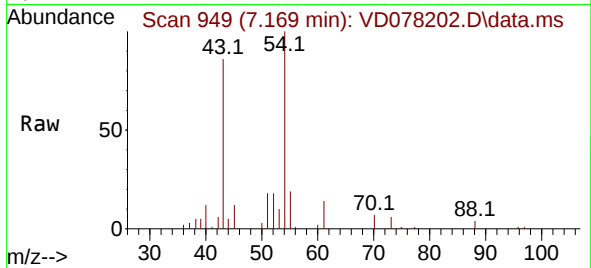
Tgt Ion: 75 Resp: 132234
Ion Ratio Lower Upper
75 100
110 36.3 19.9 59.6
77 31.3 24.7 37.1





#37
Ethyl Acetate
Concen: 46.536 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

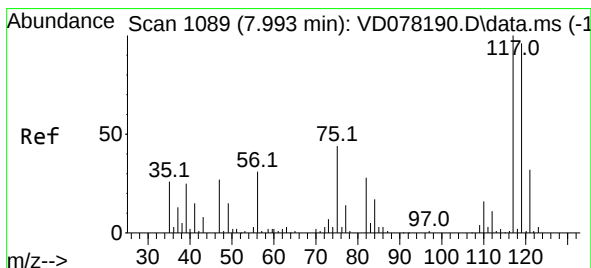
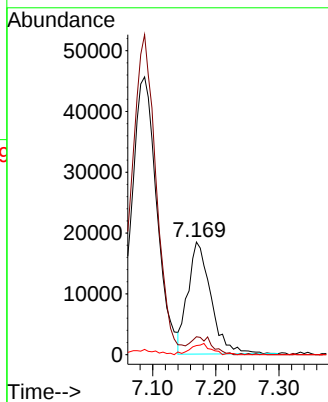
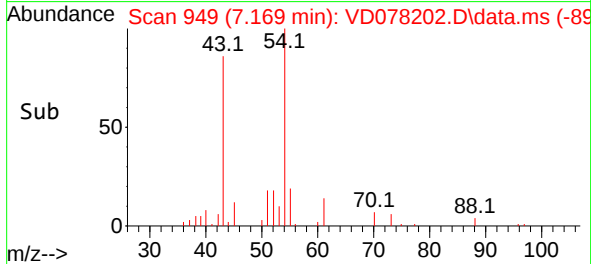
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 46543
Ion Ratio Lower Upper
43 100
61 14.9 14.9 22.3
70 8.7 10.0 15.0

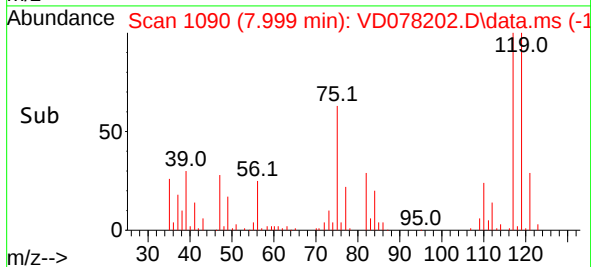
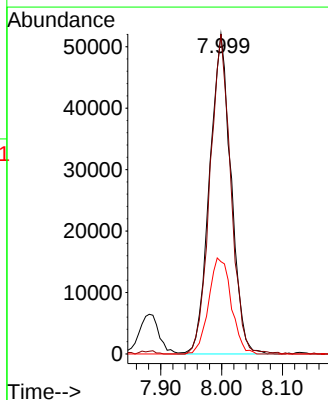
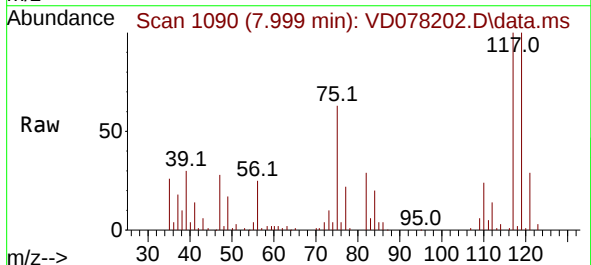
Manual Integrations
APPROVED

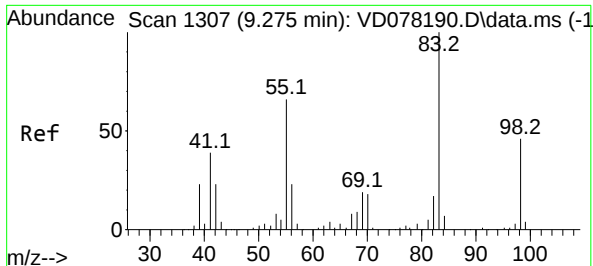
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#38
Carbon Tetrachloride
Concen: 47.956 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion:117 Resp: 127242
Ion Ratio Lower Upper
117 100
119 99.9 78.0 117.0
121 28.9 24.2 36.2





#39

Methylcyclohexane

Concen: 49.720 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 15796

Ion Ratio Lower Upper

83 100

55 64.9 49.4 74.0

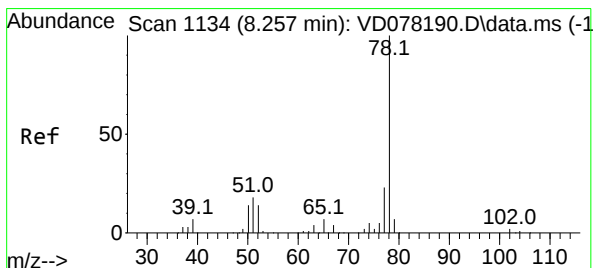
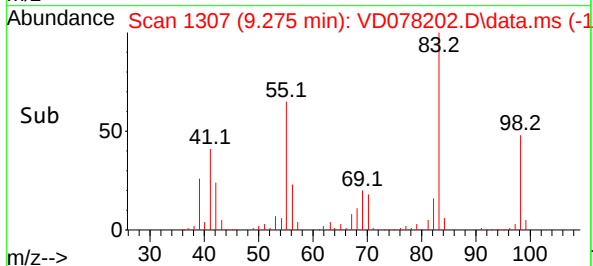
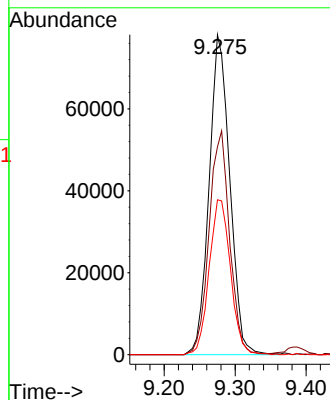
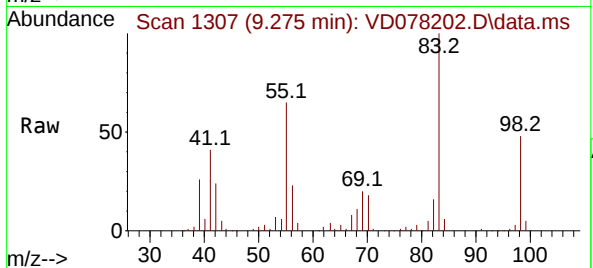
98 48.4 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024

Supervised By :Semsettin Yesilyurt 01/24/2024



#40

Benzene

Concen: 50.294 ug/l

RT: 8.258 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VD078202.D

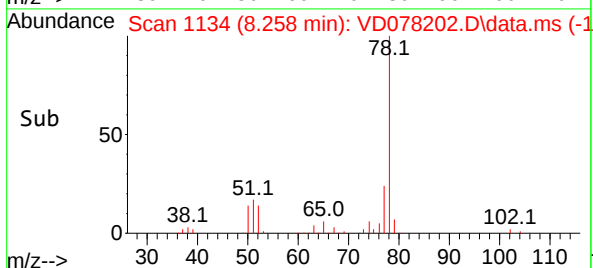
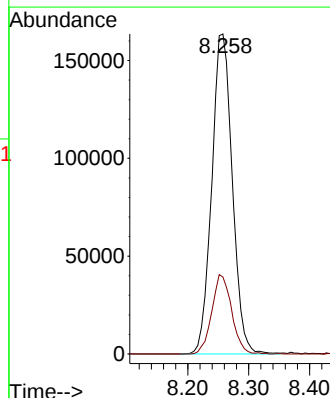
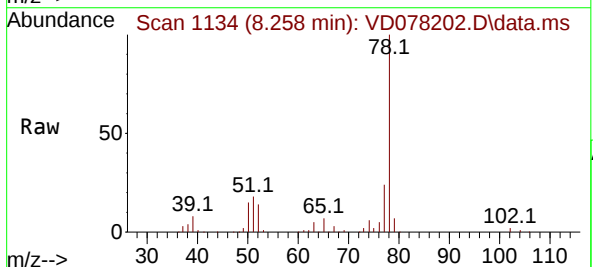
Acq: 23 Jan 2024 10:47

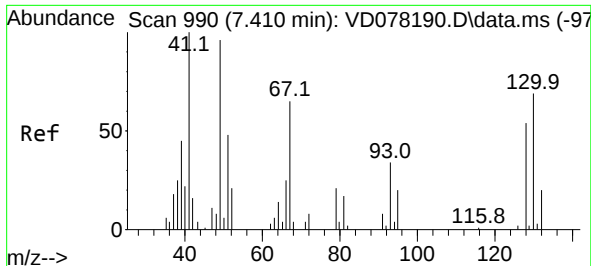
Tgt Ion: 78 Resp: 383437

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.0





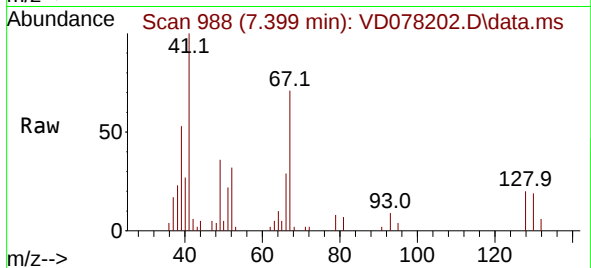
#41
Methacrylonitrile
Concen: 56.671 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.012 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

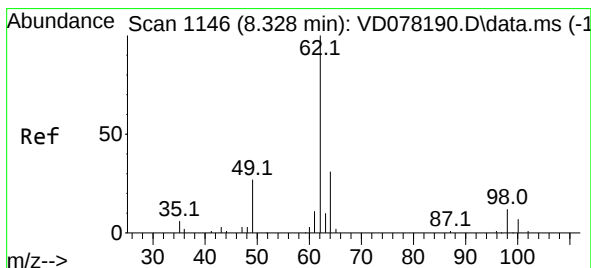
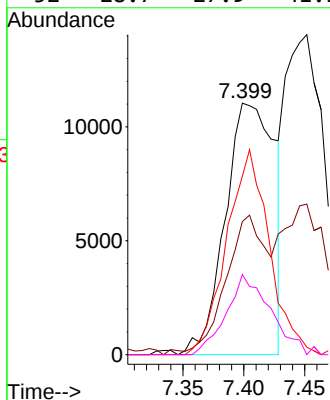
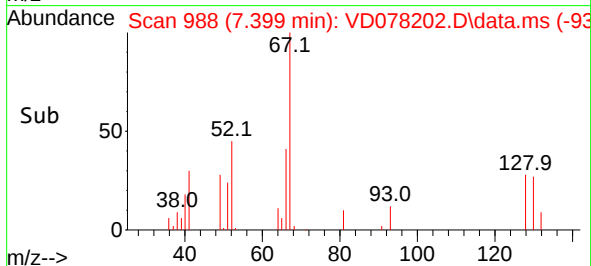


Tgt Ion: 41 Resp: 3112
Ion Ratio Lower Upper
41 100
39 46.2 34.0 51.0
67 70.5 77.0 115.4
52 28.7 27.9 41.9

Manual Integrations

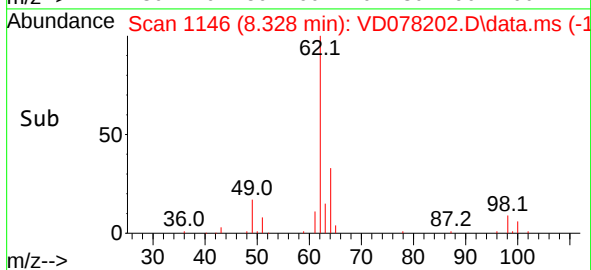
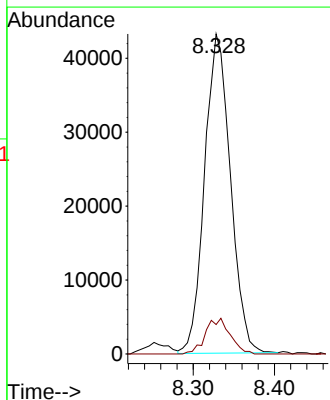
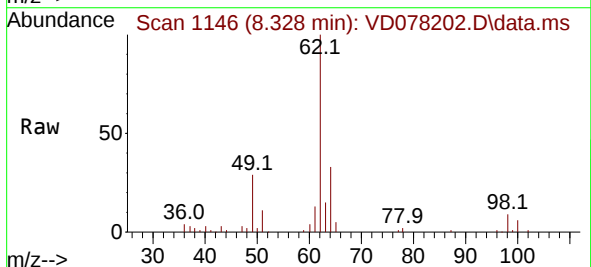
APPROVED

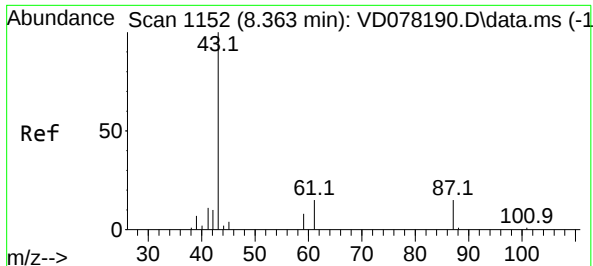
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#42
1,2-Dichloroethane
Concen: 48.191 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

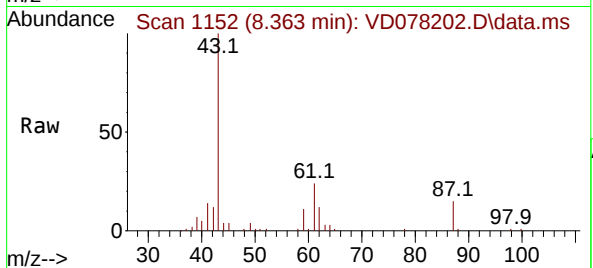
Tgt Ion: 62 Resp: 95595
Ion Ratio Lower Upper
62 100
98 10.7 0.0 25.4





#43
Isopropyl Acetate
Concen: 48.351 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

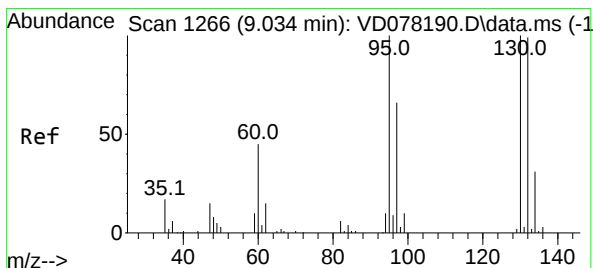
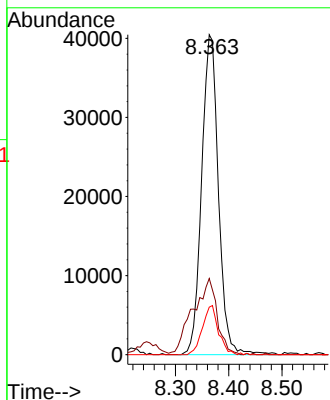
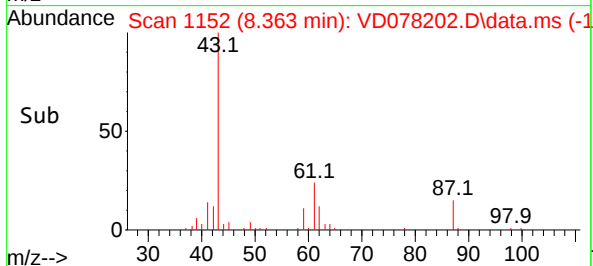
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 88590
Ion Ratio Lower Upper
43 100
61 34.4 31.4 47.0
87 14.6 14.9 22.3

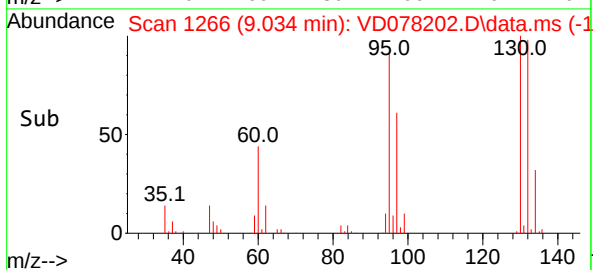
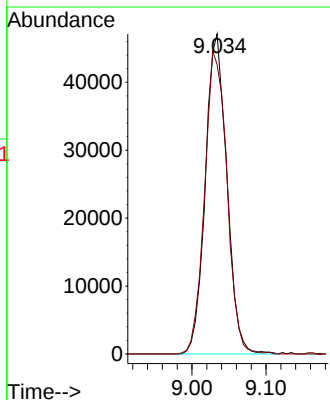
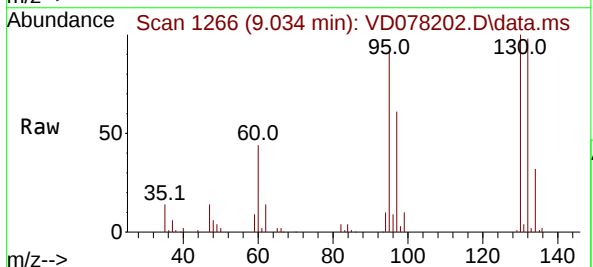
Manual Integrations
APPROVED

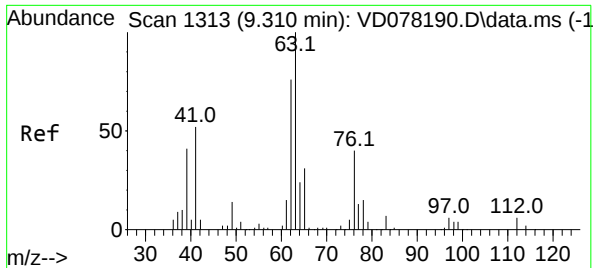
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#44
Trichloroethene
Concen: 48.542 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion:130 Resp: 94678
Ion Ratio Lower Upper
130 100
95 90.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.044 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9467

Ion Ratio Lower Upper

63 100

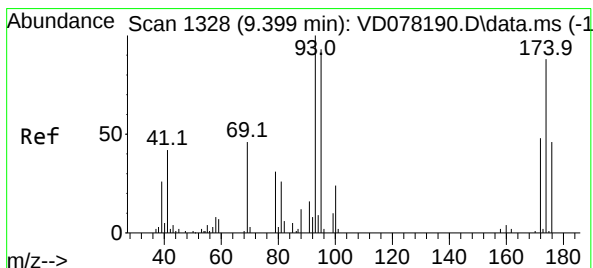
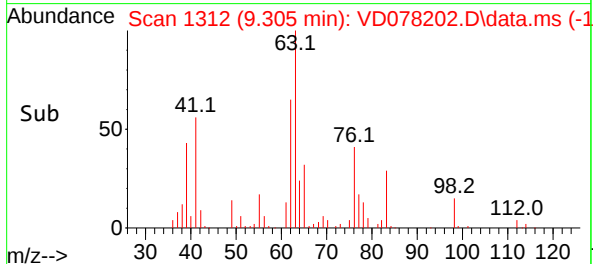
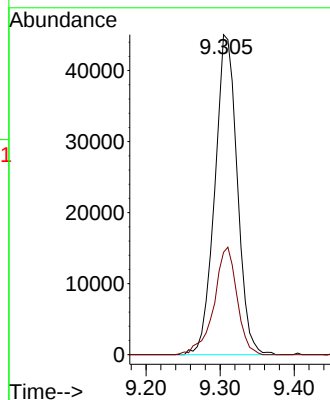
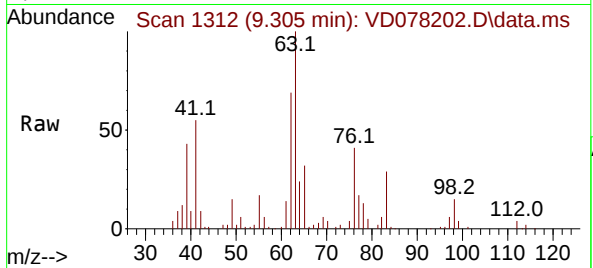
65 32.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024

Supervised By :Semsettin Yesilyurt 01/24/2024



#46

Dibromomethane

Concen: 49.365 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

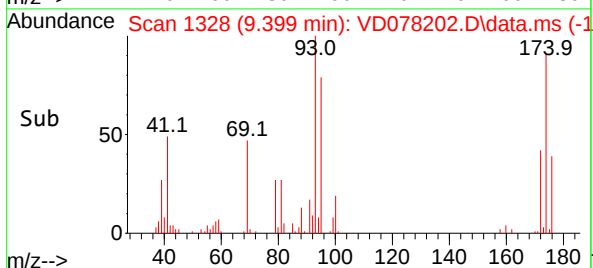
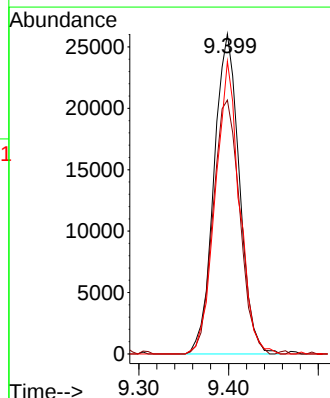
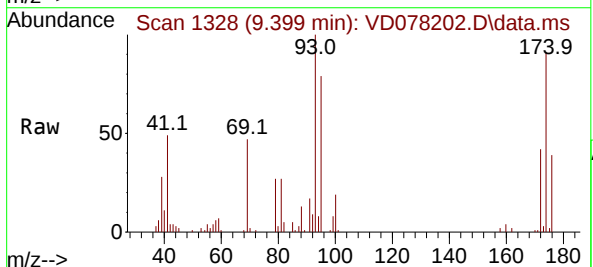
Tgt Ion: 93 Resp: 51287

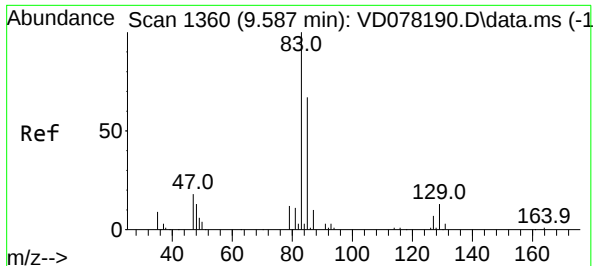
Ion Ratio Lower Upper

93 100

95 83.2 67.7 101.5

174 86.8 85.4 128.2





#47

Bromodichloromethane

Concen: 50.067 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

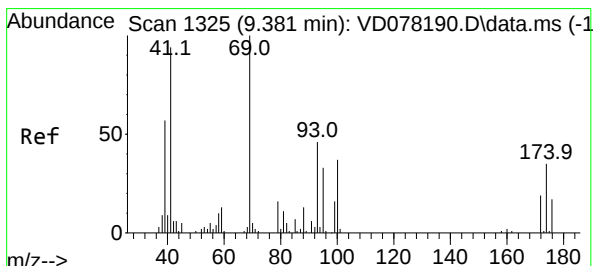
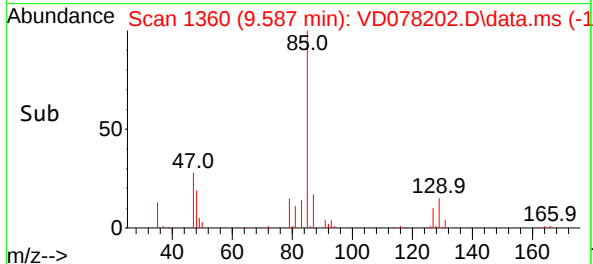
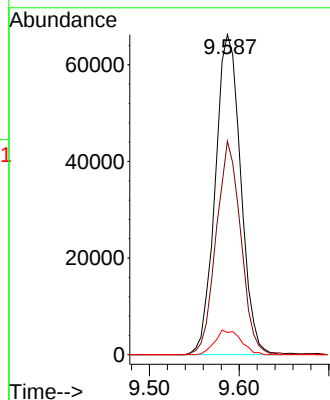
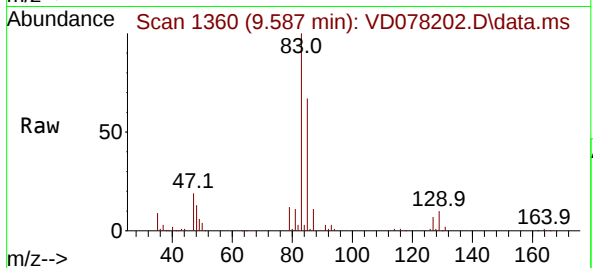
VSTDCCC050

Tgt Ion: 83	Resp: 13066
Ion Ratio	Lower Upper
83 100	
85 66.8	50.2 75.4
127 7.0	6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#48

Methyl methacrylate

Concen: 50.523 ug/l

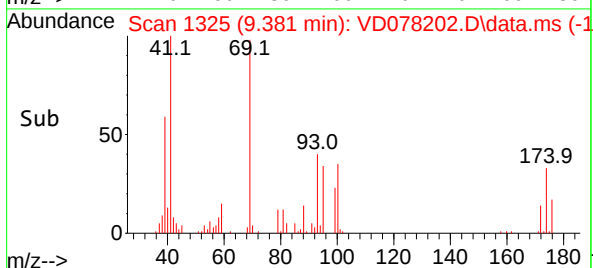
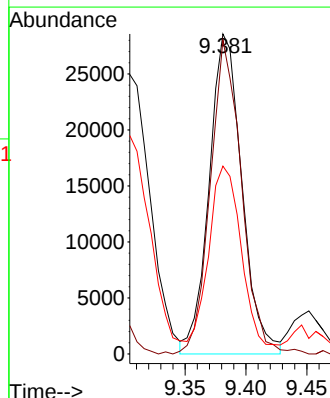
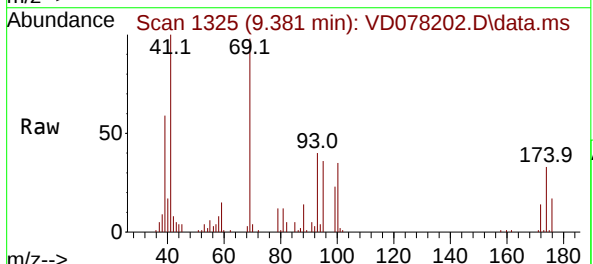
RT: 9.381 min Scan# 1325

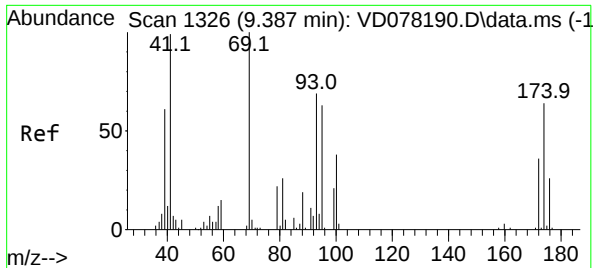
Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

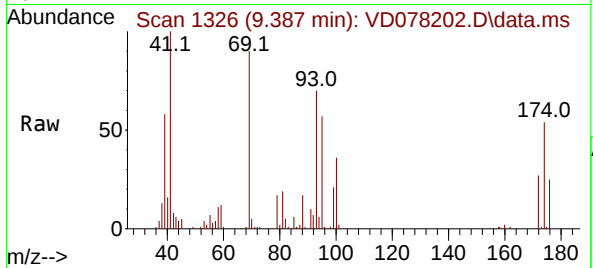
Tgt Ion: 41	Resp: 53596
Ion Ratio	Lower Upper
41 100	
69 93.3	102.2 153.2#
39 53.8	41.4 62.2





#49
1,4-Dioxane
Concen: 997.540 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

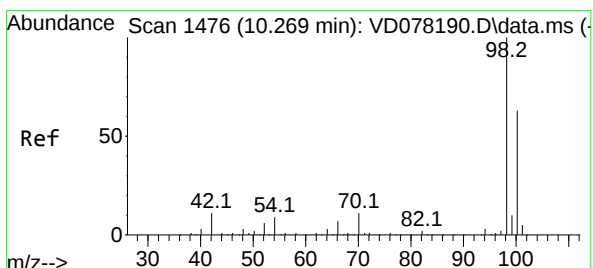
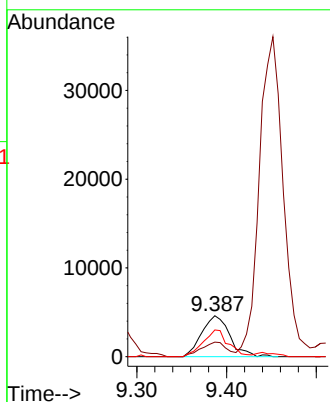
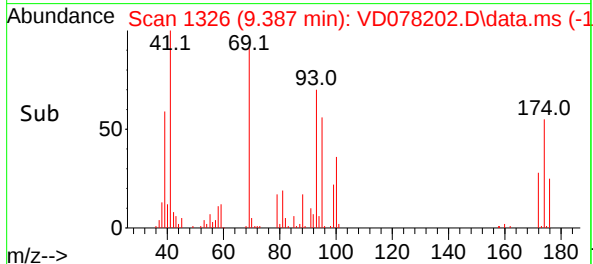
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



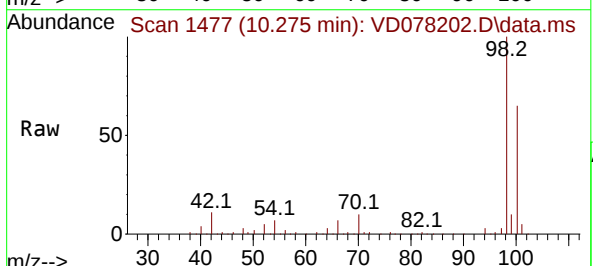
Tgt Ion: 88 Resp: 10028
Ion Ratio Lower Upper
88 100
43 32.8 19.0 28.6
58 59.1 43.5 65.3

Manual Integrations
APPROVED

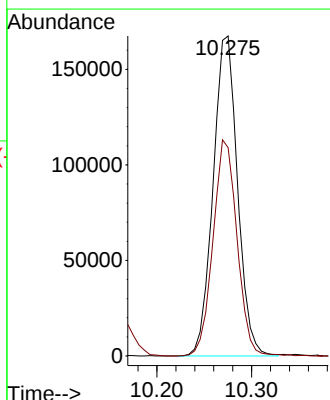
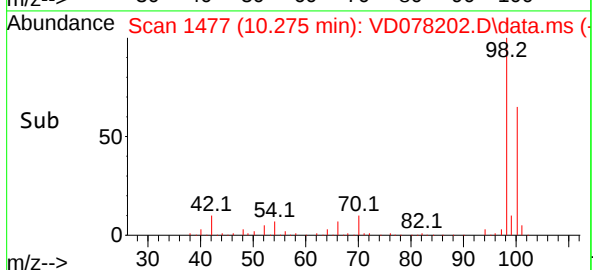
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

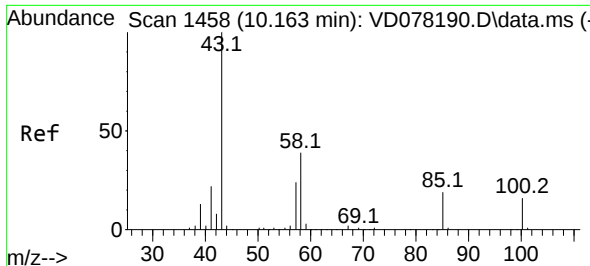


#50
Toluene-d8
Concen: 46.437 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47



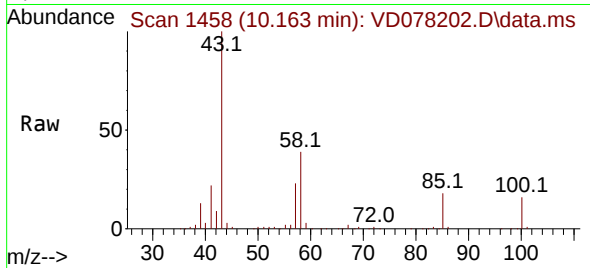
Tgt Ion: 98 Resp: 300396
Ion Ratio Lower Upper
98 100
100 66.5 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 243.824 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

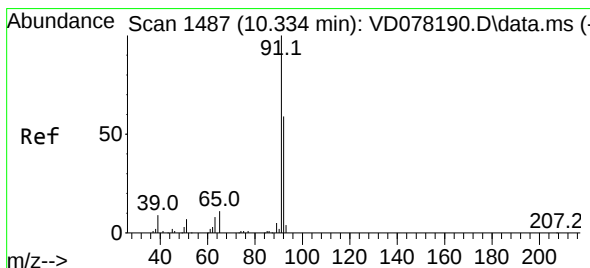
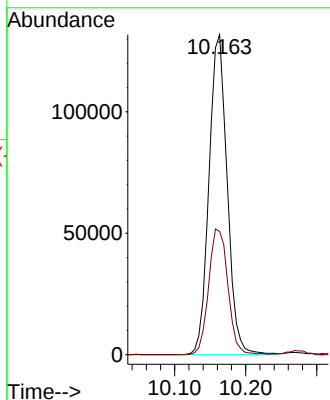
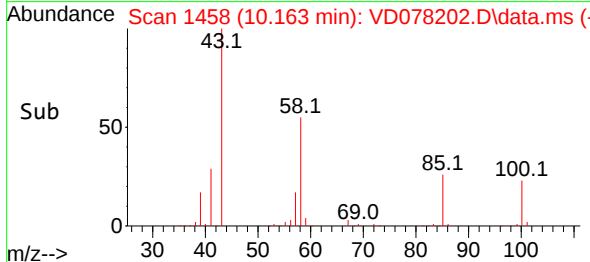
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



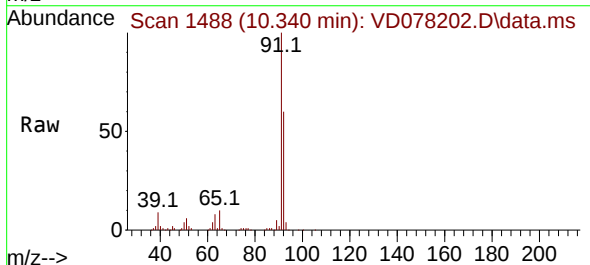
Tgt Ion: 43 Resp: 234768
Ion Ratio Lower Upper
43 100
58 41.6 38.9 58.3

Manual Integrations
APPROVED

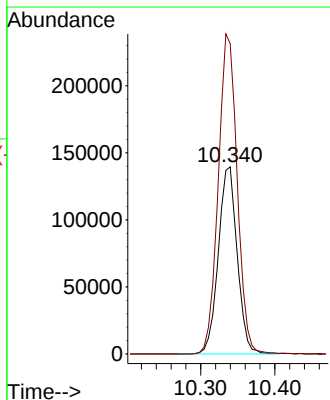
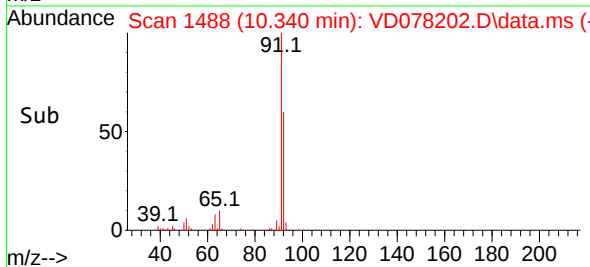
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

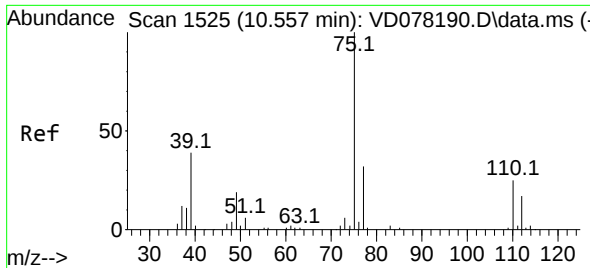


#52
Toluene
Concen: 51.069 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47



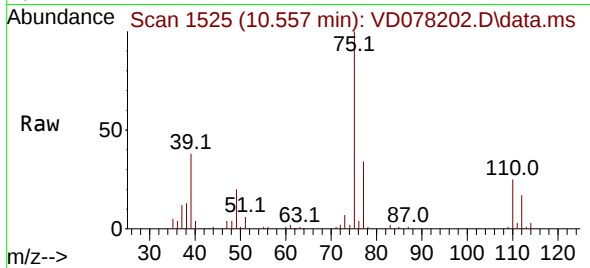
Tgt Ion: 92 Resp: 246794
Ion Ratio Lower Upper
92 100
91 172.0 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 49.467 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

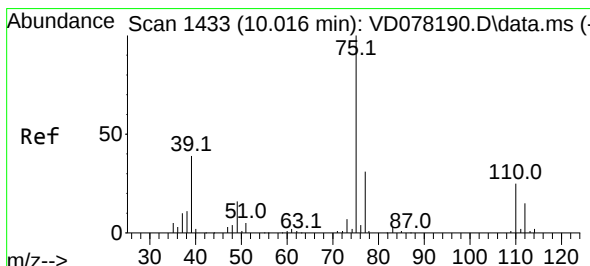
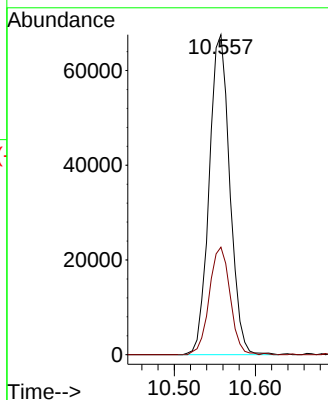
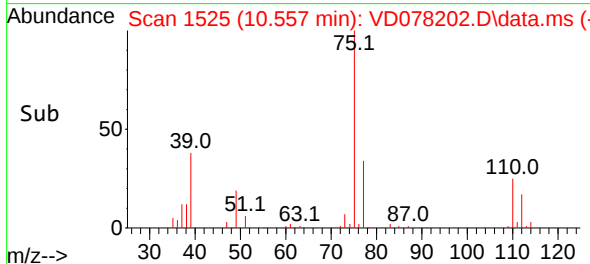
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 11910
Ion Ratio Lower Upper
75 100
77 33.6 25.3 37.9

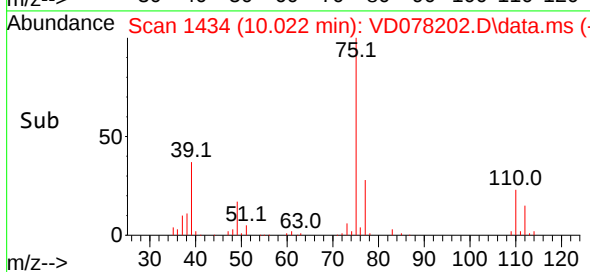
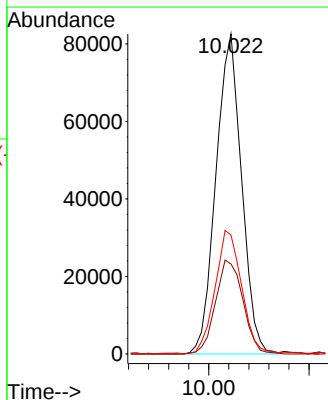
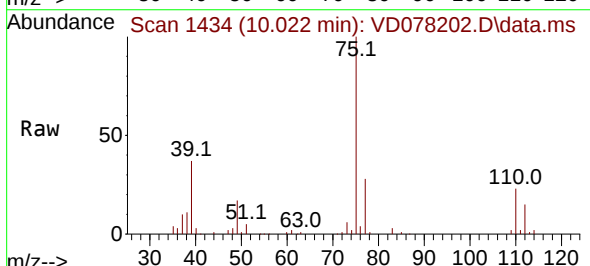
Manual Integrations
APPROVED

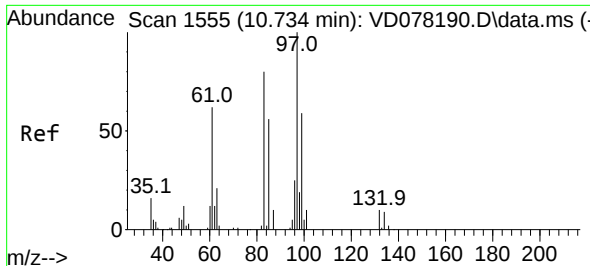
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#54
cis-1,3-Dichloropropene
Concen: 50.731 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

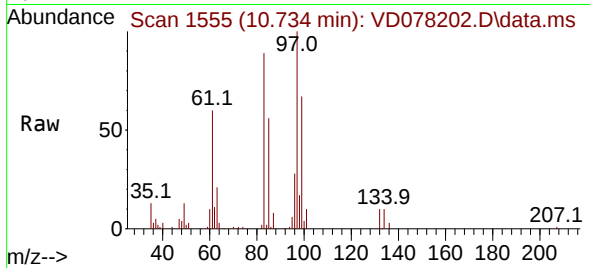
Tgt Ion: 75 Resp: 146425
Ion Ratio Lower Upper
75 100
77 28.1 25.5 38.3
39 36.8 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 49.802 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

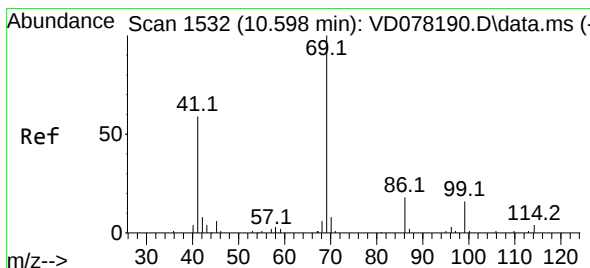
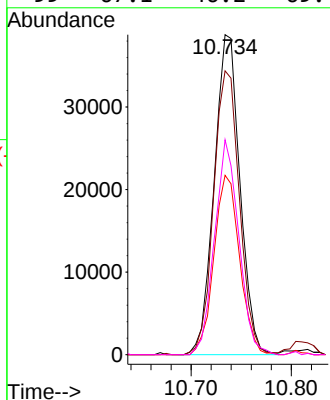
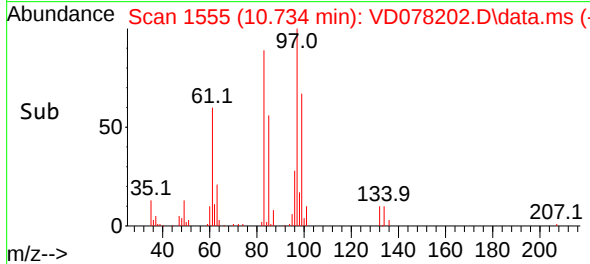
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



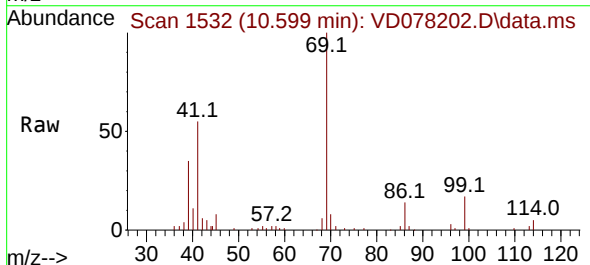
Tgt Ion:	97	Resp:	69234
Ion Ratio	100	Lower	Upper
97	100		
83	88.7	65.8	98.6
85	56.0	45.7	68.5
99	67.1	46.2	69.4

Manual Integrations
APPROVED

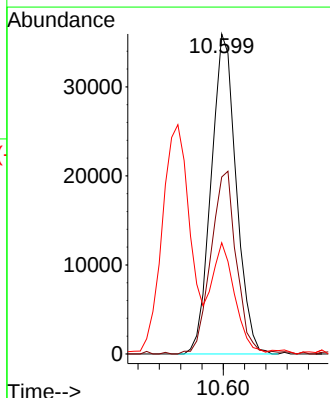
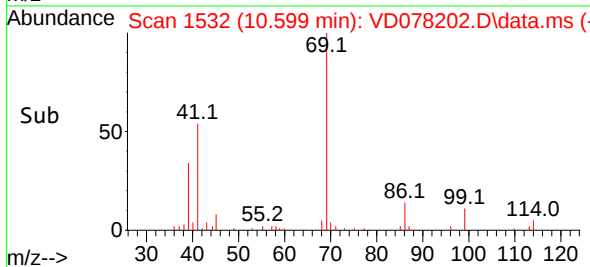
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

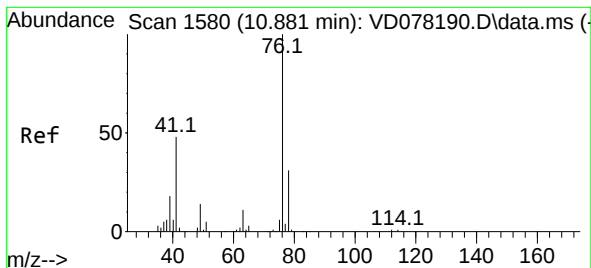


#56
Ethyl methacrylate
Concen: 51.451 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47



Tgt Ion:	69	Resp:	58551
Ion Ratio	100	Lower	Upper
69	100		
41	58.6	39.1	58.7
39	31.2	20.0	30.0





#57

1,3-Dichloropropane

Concen: 49.526 ug/l

RT: 10.881 min Scan# 11774

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11774

Ion Ratio Lower Upper

76 100

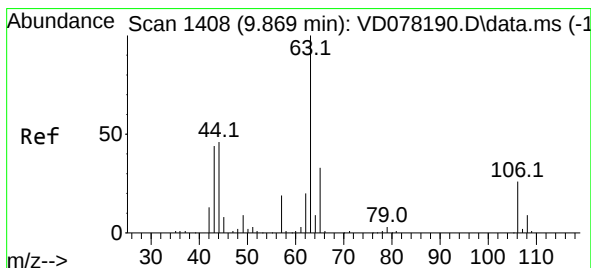
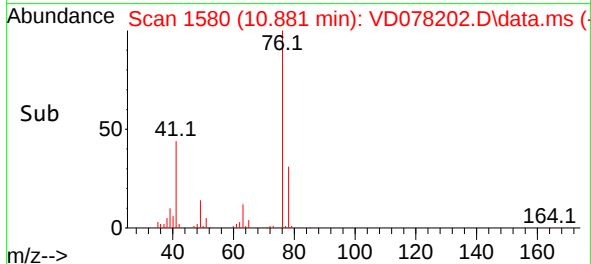
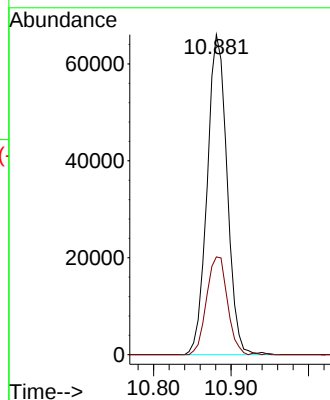
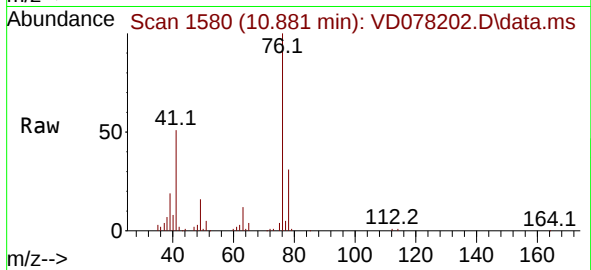
78 32.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024

Supervised By :Semsettin Yesilyurt 01/24/2024



#58

2-Chloroethyl Vinyl ether

Concen: 242.026 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078202.D

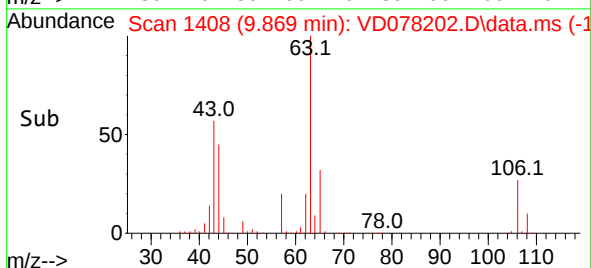
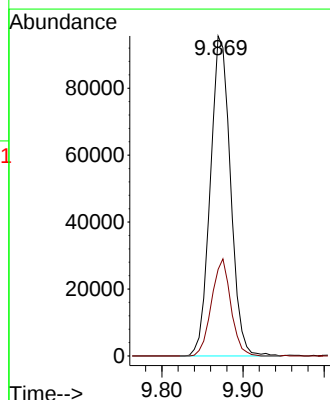
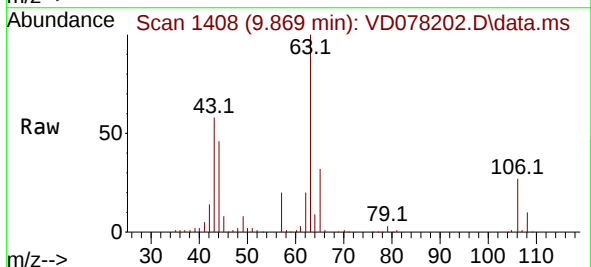
Acq: 23 Jan 2024 10:47

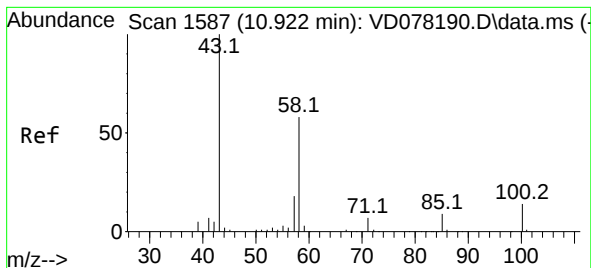
Tgt Ion: 63 Resp: 165054

Ion Ratio Lower Upper

63 100

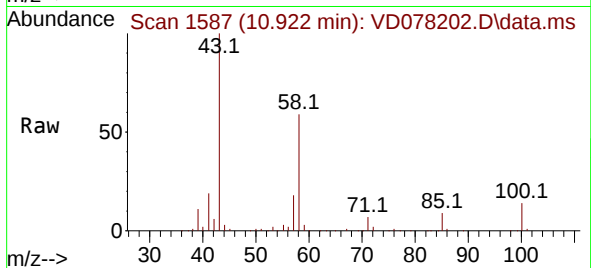
106 29.0 25.3 37.9





#59
2-Hexanone
Concen: 239.618 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

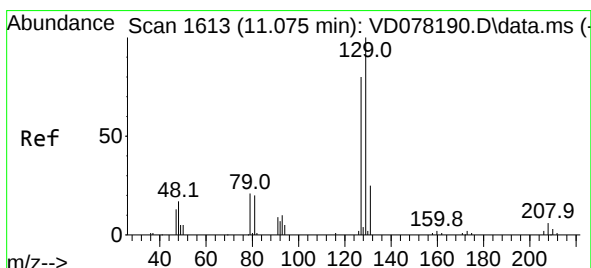
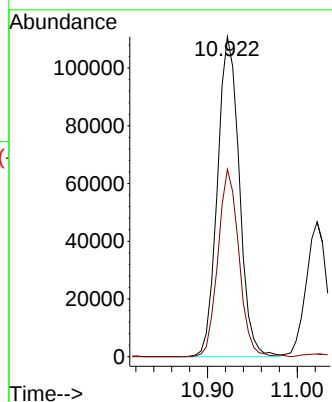
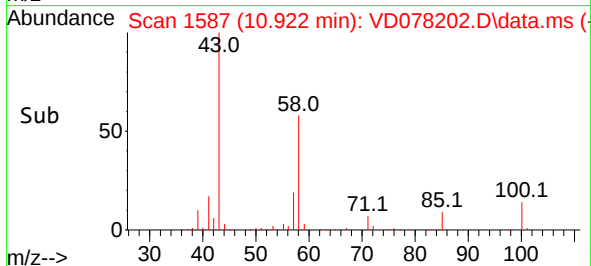
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



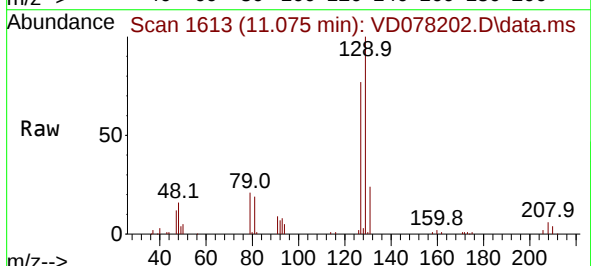
Tgt Ion: 43 Resp: 187480
Ion Ratio Lower Upper
43 100
58 56.1 34.1 102.2

Manual Integrations
APPROVED

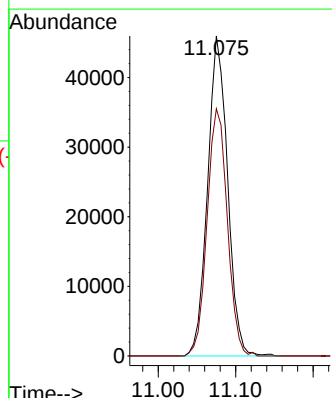
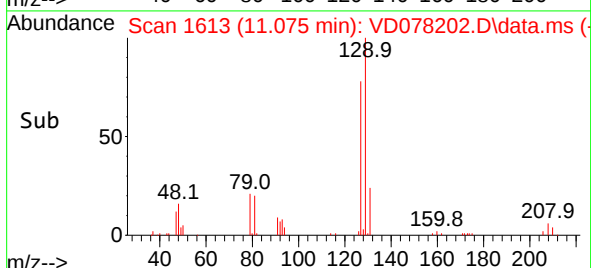
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

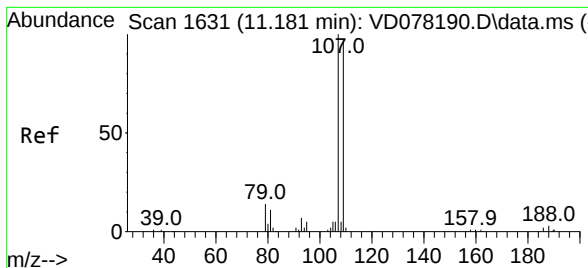


#60
Dibromochloromethane
Concen: 50.147 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47



Tgt Ion:129 Resp: 82191
Ion Ratio Lower Upper
129 100
127 78.3 37.1 111.5





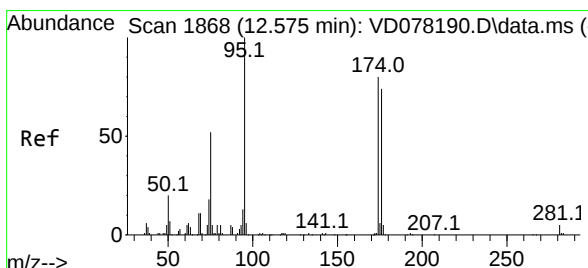
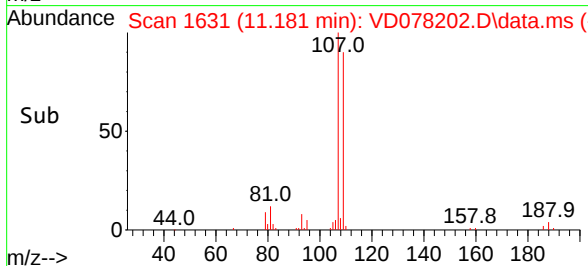
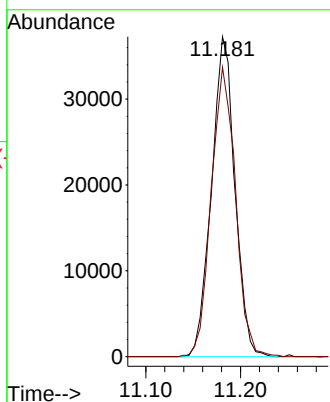
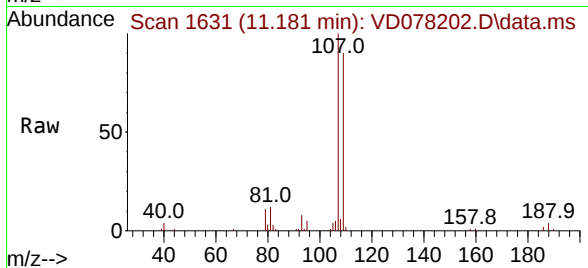
#61
1,2-Dibromoethane
Concen: 49.853 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 63884
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4

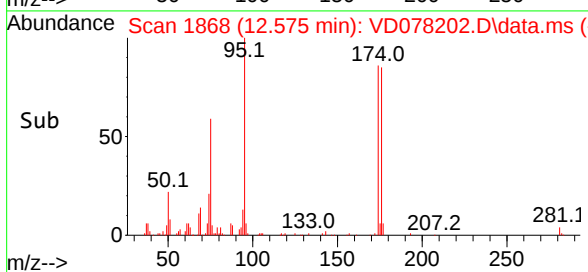
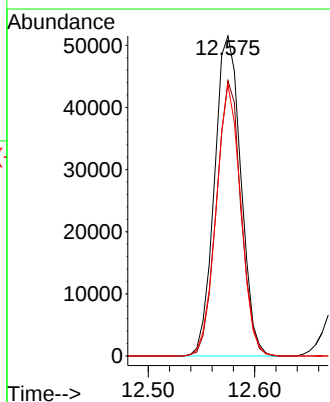
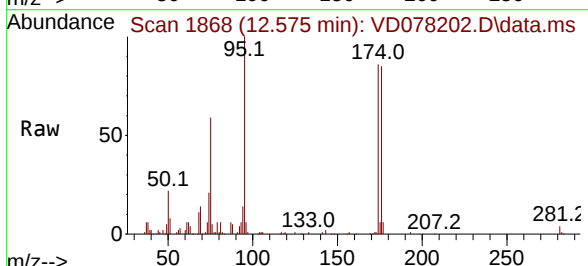
Manual Integrations
APPROVED

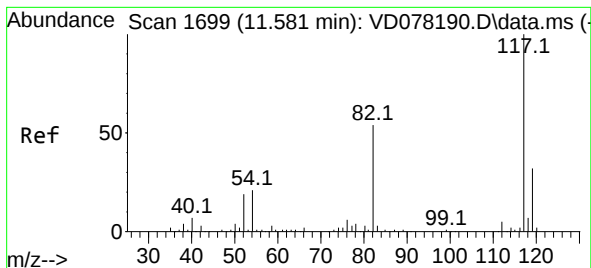
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#62
4-Bromofluorobenzene
Concen: 47.171 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

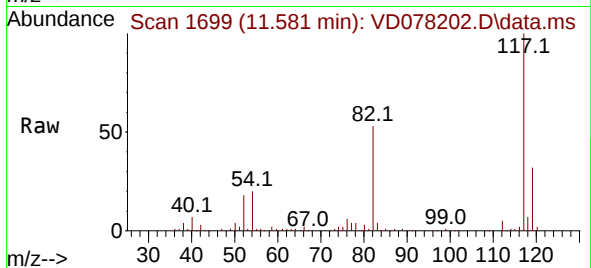
Tgt Ion: 95 Resp: 88493
Ion Ratio Lower Upper
95 100
174 80.0 0.0 201.8
176 79.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

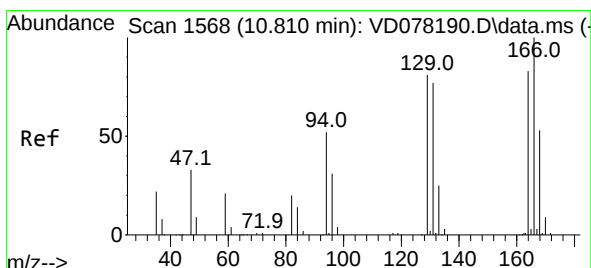
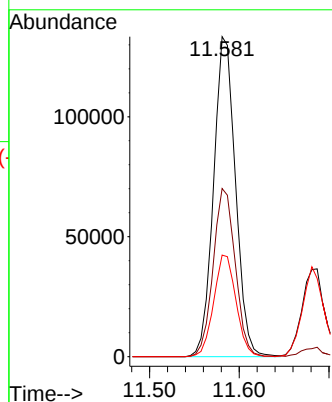
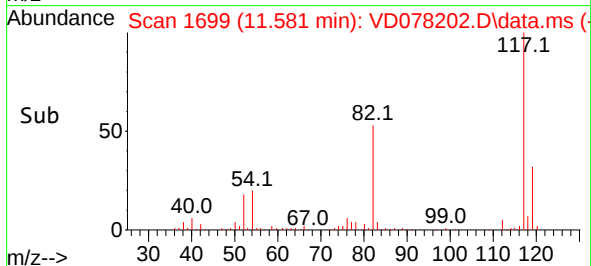
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



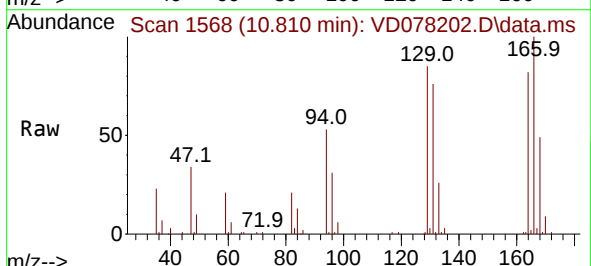
Tgt Ion:117 Resp: 22655
Ion Ratio Lower Upper
117 100
82 52.5 38.3 57.5
119 31.8 25.0 37.4

Manual Integrations
APPROVED

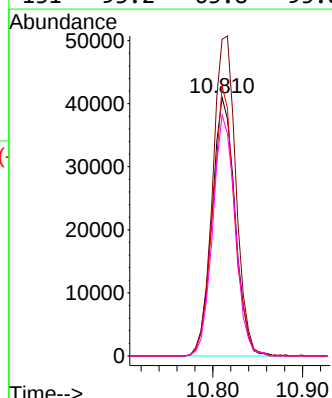
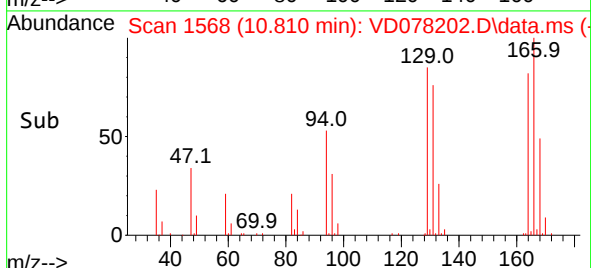
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

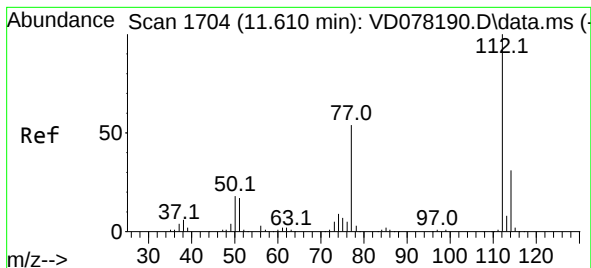


#64
Tetrachloroethene
Concen: 49.157 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47



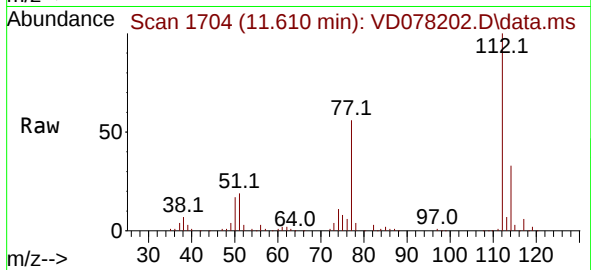
Tgt Ion:164 Resp: 72820
Ion Ratio Lower Upper
164 100
166 122.5 99.2 148.8
129 104.5 68.4 102.6#
131 93.2 63.8 95.8





#65
Chlorobenzene
Concen: 50.323 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

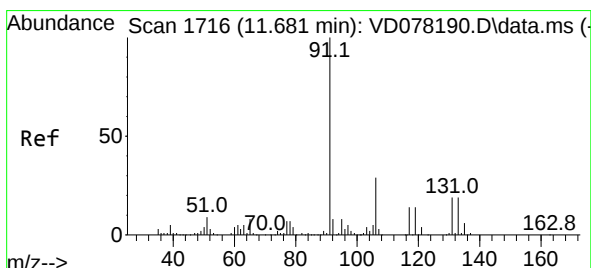
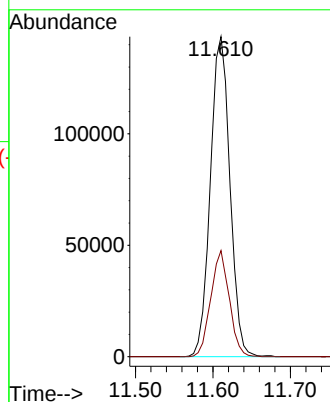
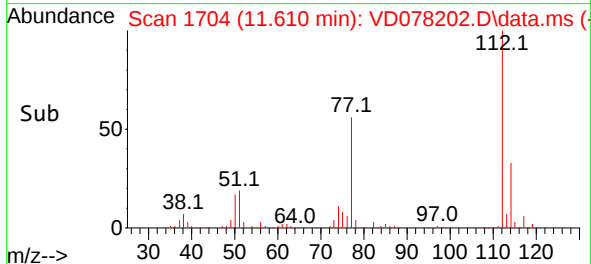
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 251859
Ion Ratio Lower Upper
112 100
114 33.2 25.1 37.7

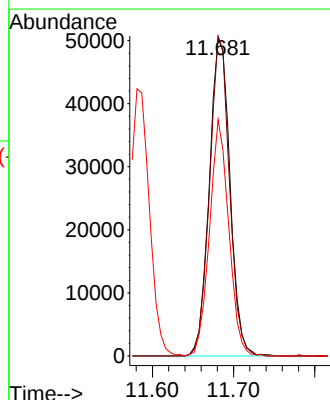
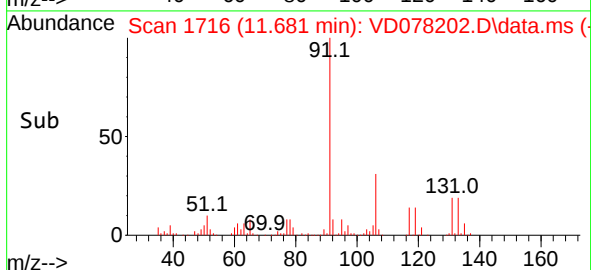
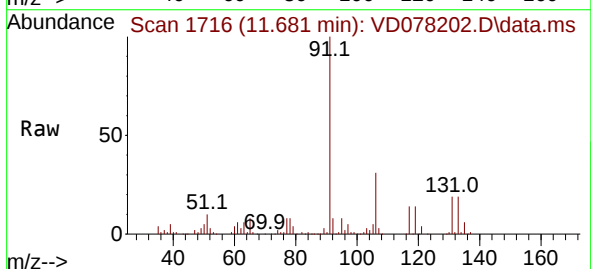
Manual Integrations
APPROVED

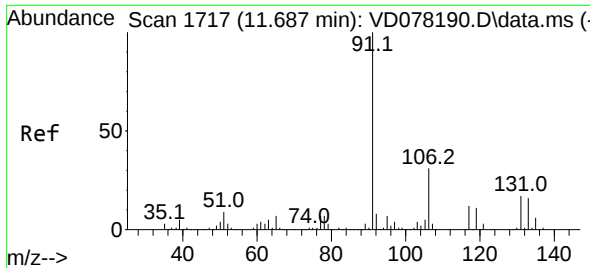
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.810 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion:131 Resp: 89086
Ion Ratio Lower Upper
131 100
133 96.6 48.5 145.5
119 69.1 35.6 106.9





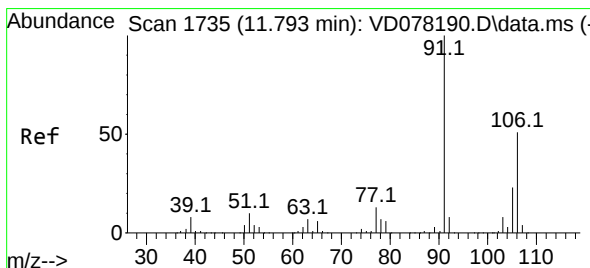
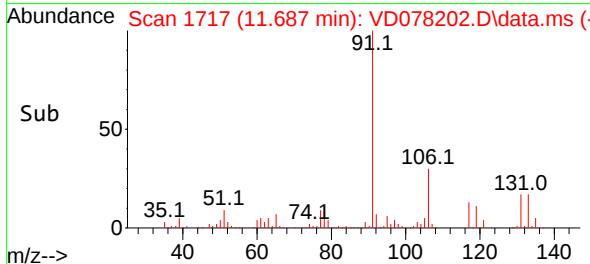
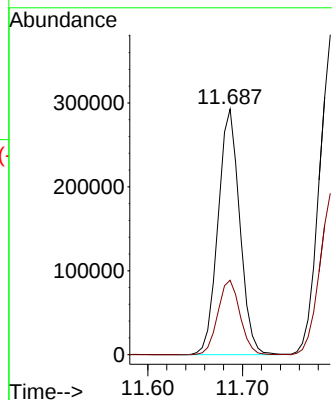
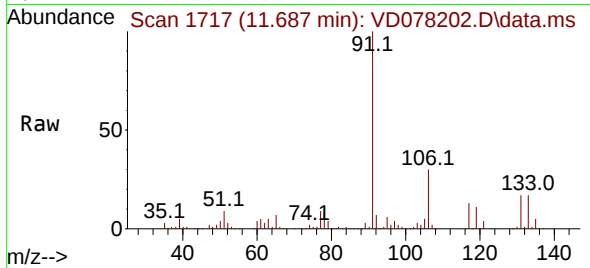
#67
Ethyl Benzene
Concen: 51.225 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 46654
Ion Ratio Lower Upper
91 100
106 30.3 26.5 39.7

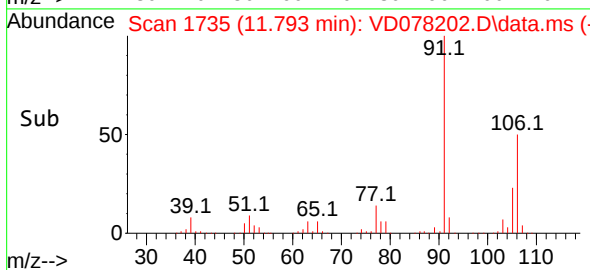
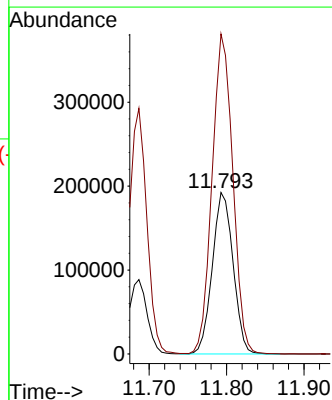
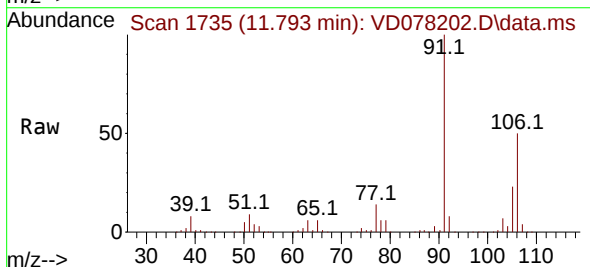
Manual Integrations
APPROVED

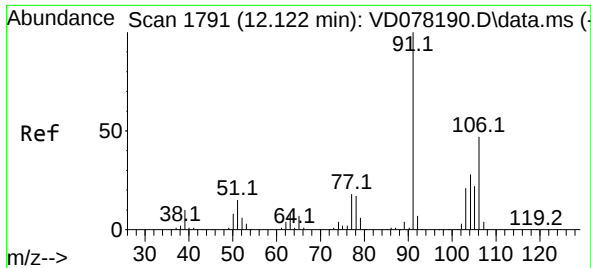
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#68
m/p-Xylenes
Concen: 103.028 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

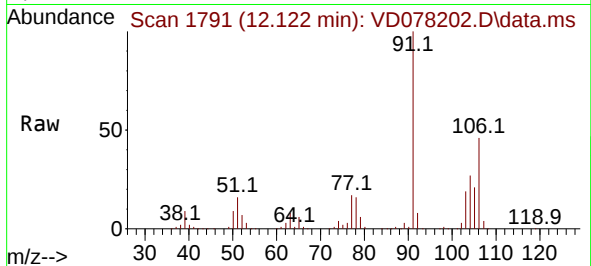
Tgt Ion:106 Resp: 358377
Ion Ratio Lower Upper
106 100
91 198.3 147.0 220.6





#69
o-Xylene
Concen: 52.058 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

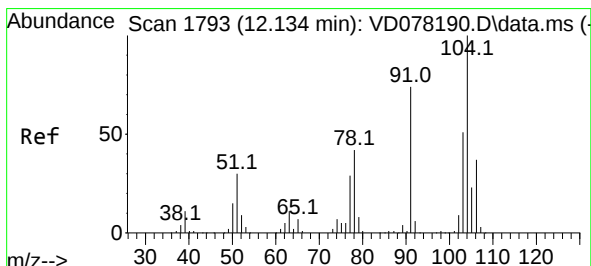
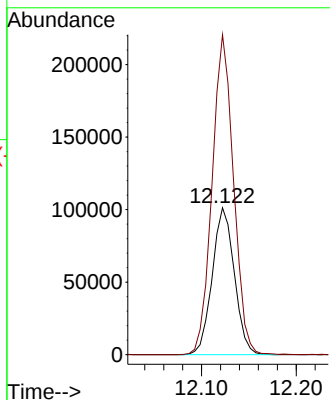
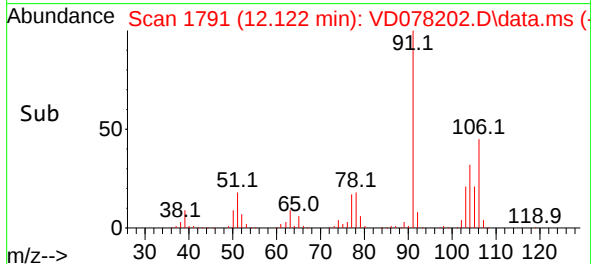
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



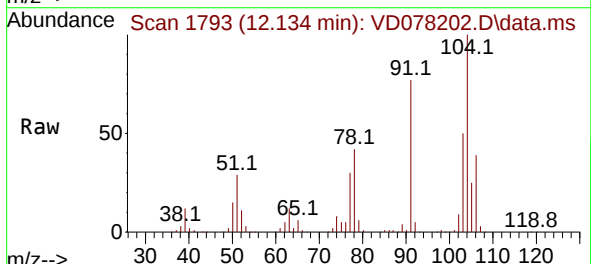
Tgt Ion:106 Resp: 164330
Ion Ratio Lower Upper
106 100
91 211.4 97.9 293.6

Manual Integrations
APPROVED

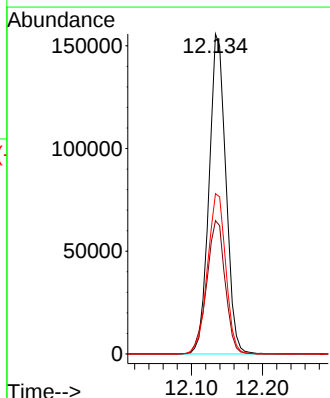
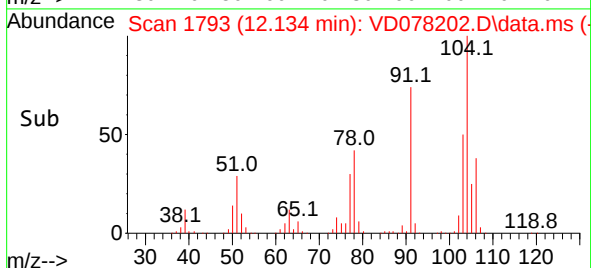
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

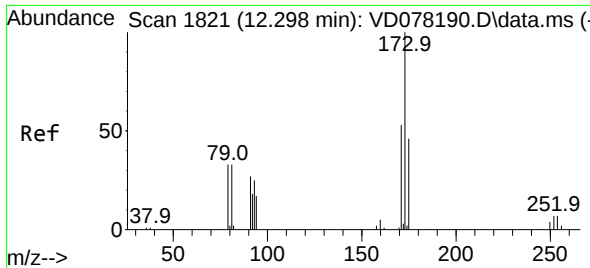


#70
Styrene
Concen: 54.123 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47



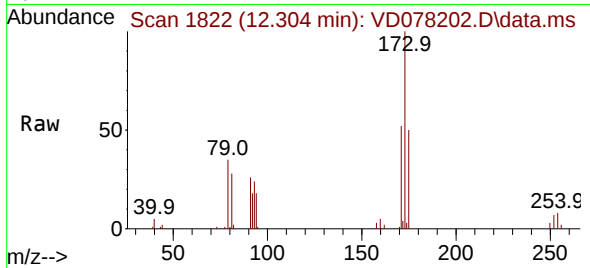
Tgt Ion:104 Resp: 256023
Ion Ratio Lower Upper
104 100
78 45.8 33.2 49.8
103 54.3 43.6 65.4





#71
Bromoform
Concen: 48.959 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

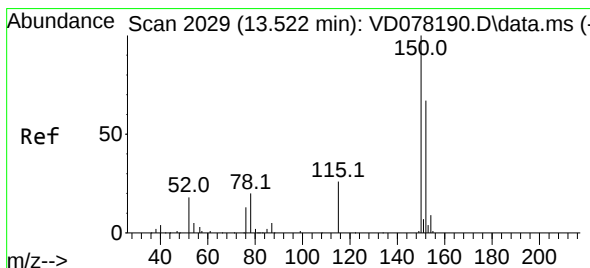
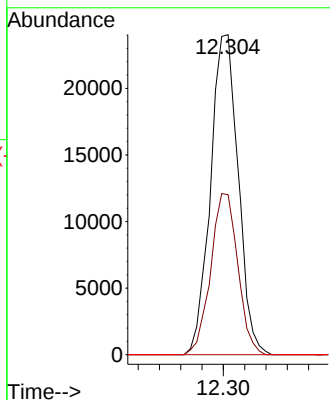
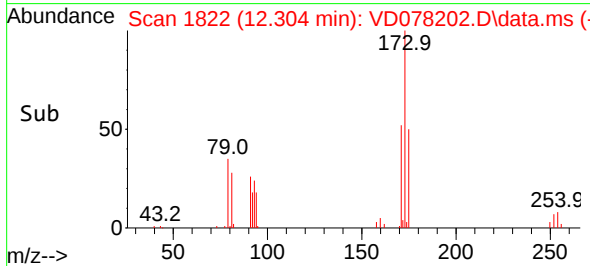
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



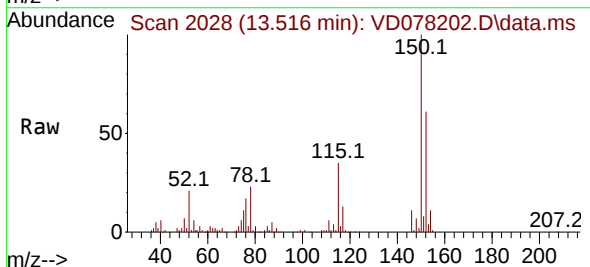
Tgt Ion:173 Resp: 43364
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

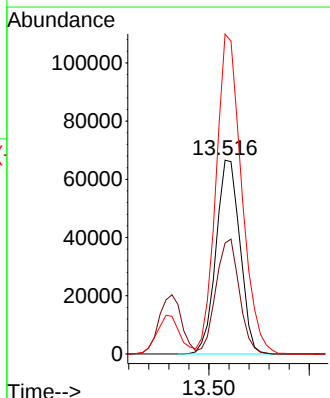
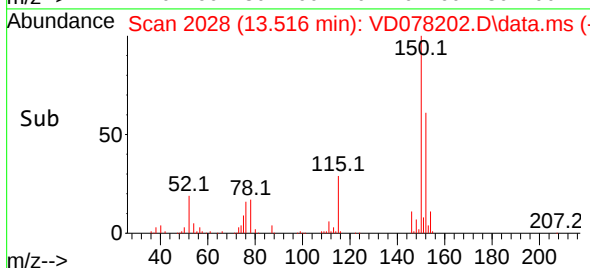
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

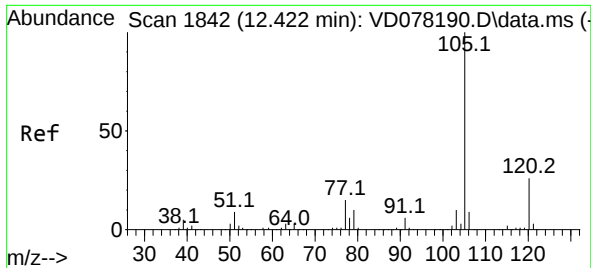


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47



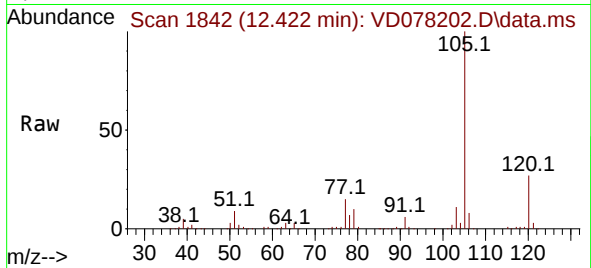
Tgt Ion:152 Resp: 110187
Ion Ratio Lower Upper
152 100
115 58.2 27.1 81.3
150 176.5 0.0 353.6





#73
Isopropylbenzene
Concen: 50.505 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

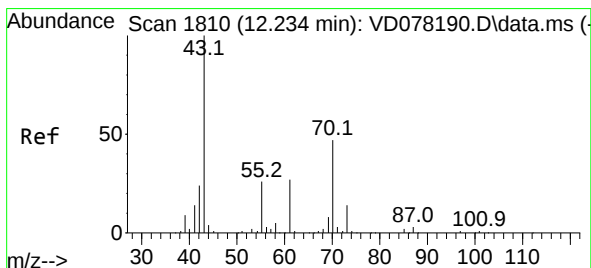
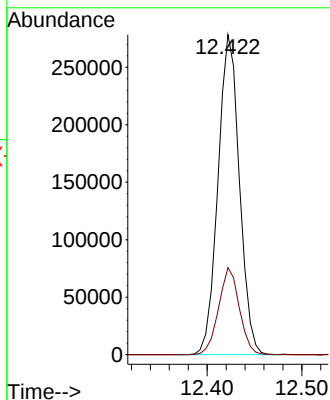
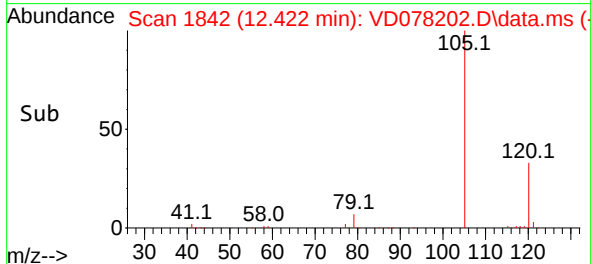
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



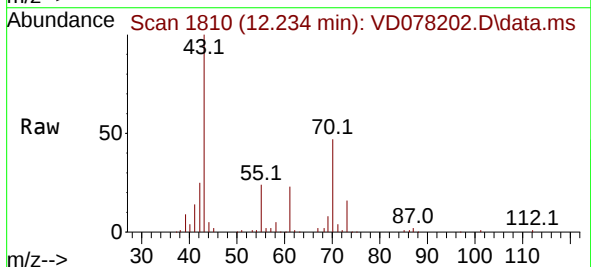
Tgt Ion:105 Resp: 43756
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9

Manual Integrations
APPROVED

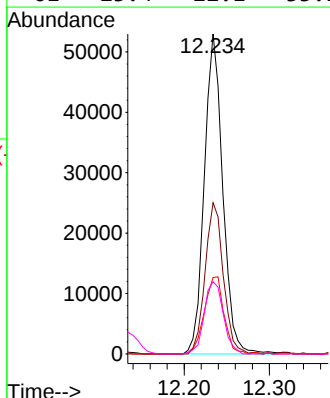
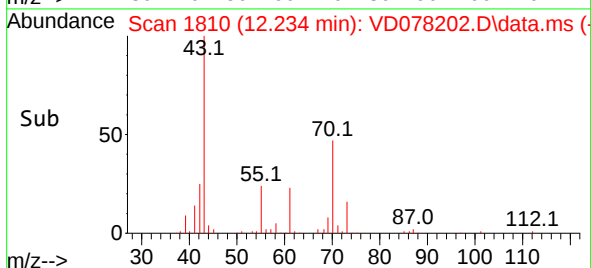
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

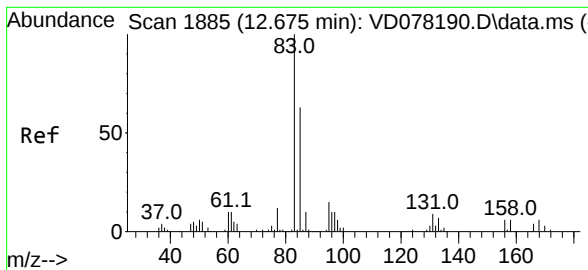


#74
N-ethyl acetate
Concen: 48.066 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47



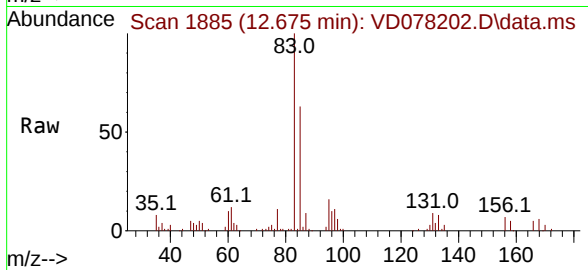
Tgt Ion: 43 Resp: 79673
Ion Ratio Lower Upper
43 100
70 46.8 45.0 67.4
55 25.5 23.8 35.6
61 23.4 22.1 33.1





#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.985 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD078202.D
 Acq: 23 Jan 2024 10:47

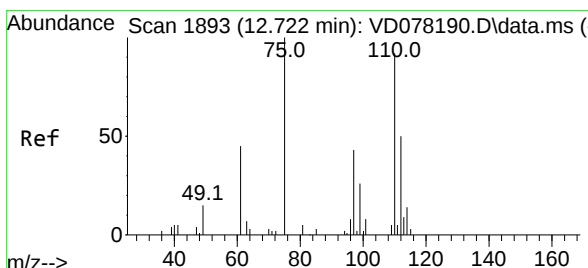
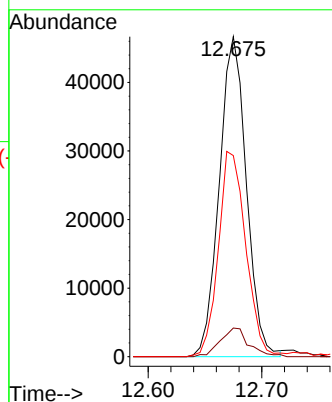
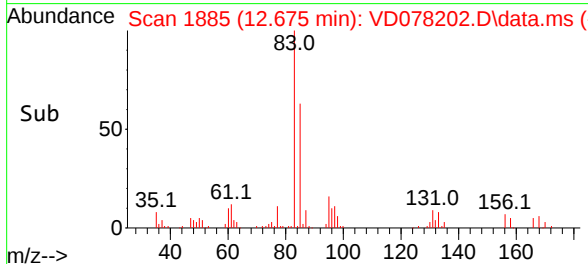
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



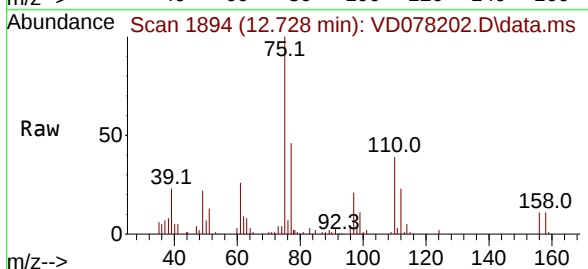
Tgt Ion: 83 Resp: 7735
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.1 15.3
 85 65.0 32.6 97.8

Manual Integrations
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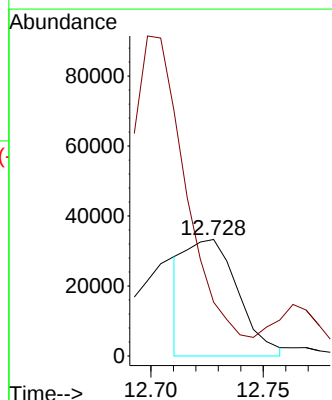
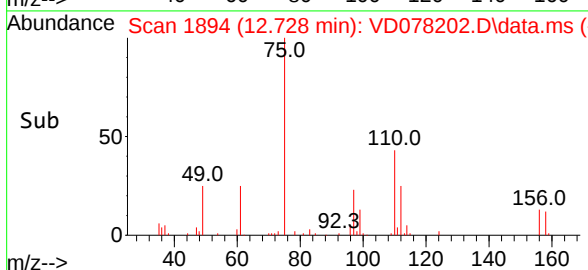
Reviewed By :Mahesh Dadoda 01/24/2024
 Supervised By :Semsettin Yesilyurt 01/24/2024

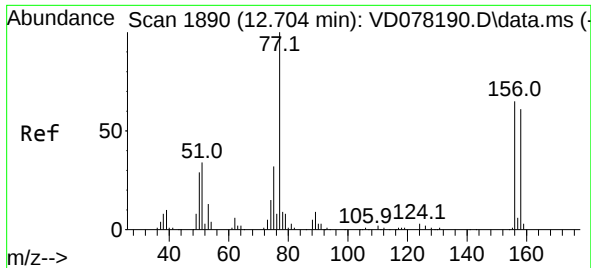


#76
 1,2,3-Trichloropropane
 Concen: 51.635 ug/l m
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD078202.D
 Acq: 23 Jan 2024 10:47



Tgt Ion: 75 Resp: 54570
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





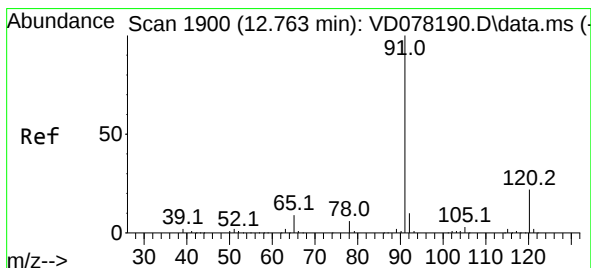
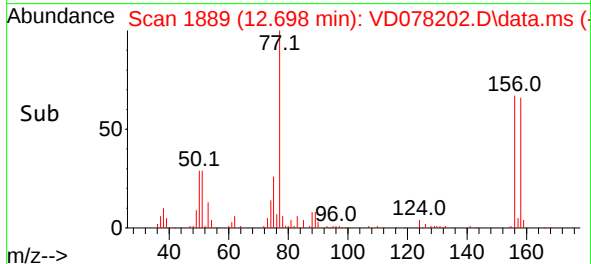
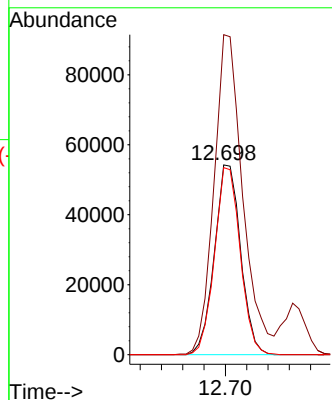
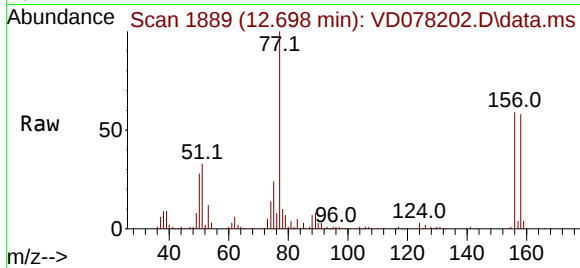
#77
Bromobenzene
Concen: 48.790 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 92670
Ion Ratio Lower Upper
156 100
77 185.3 76.8 230.4
158 96.4 48.6 145.9

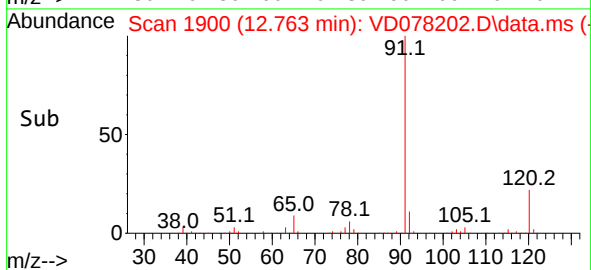
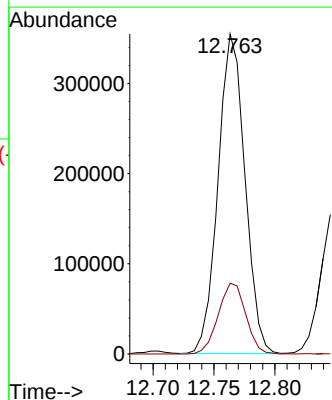
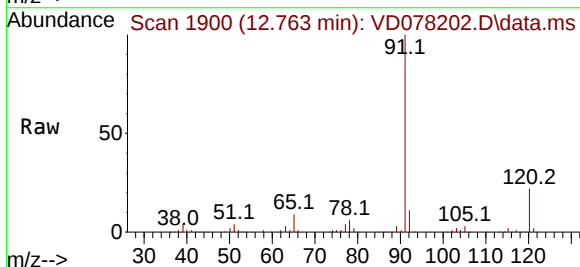
Manual Integrations
APPROVED

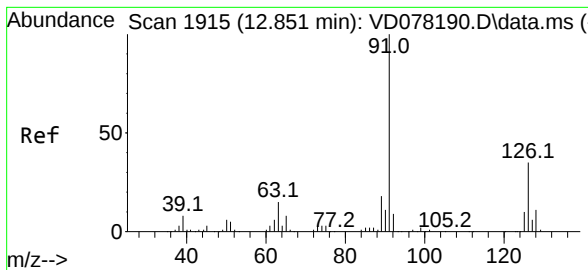
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#78
n-propylbenzene
Concen: 50.628 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 91 Resp: 544022
Ion Ratio Lower Upper
91 100
120 22.6 12.4 37.2





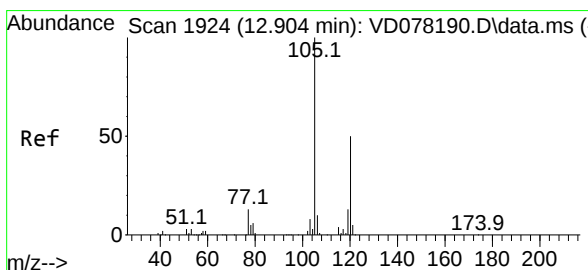
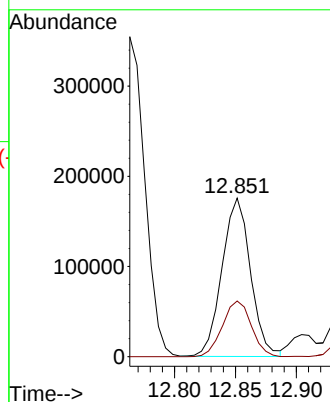
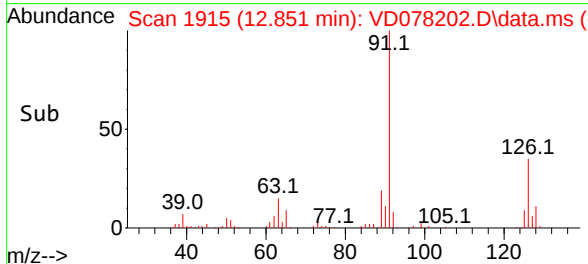
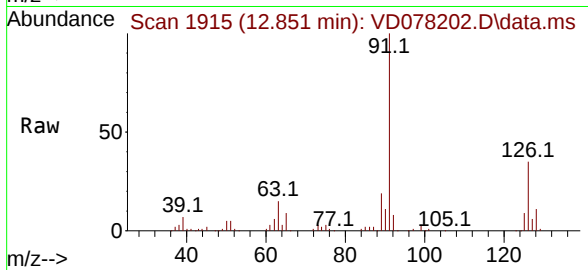
#79
2-Chlorotoluene
Concen: 49.957 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 286468
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.1

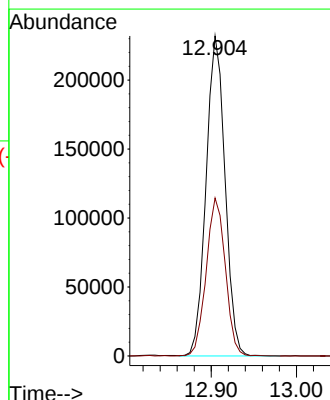
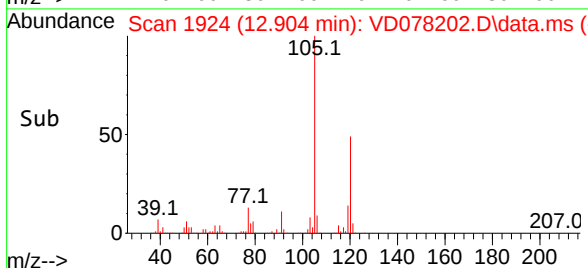
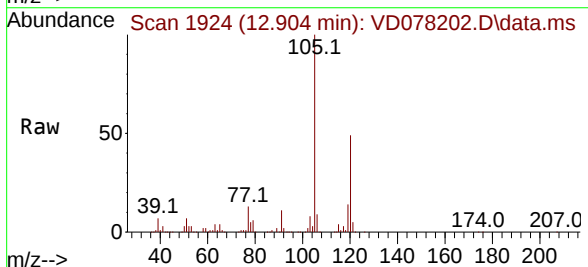
Manual Integrations
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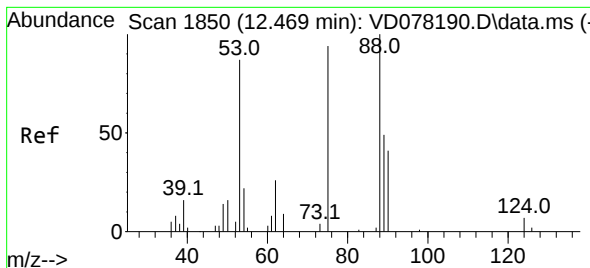
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.898 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion:105 Resp: 358454
Ion Ratio Lower Upper
105 100
120 49.8 26.4 79.2





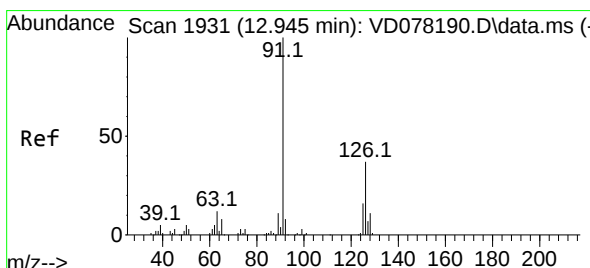
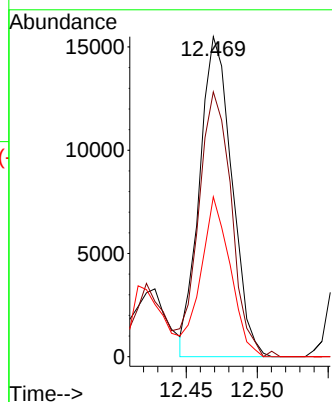
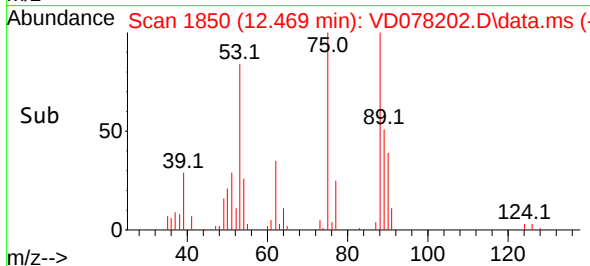
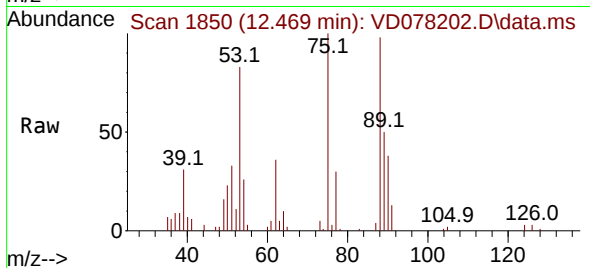
#81
trans-1,4-Dichloro-2-butene
Concen: 49.865 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2446
Ion Ratio Lower Upper
75 100
53 85.0 63.0 94.4
89 45.4 37.9 56.9

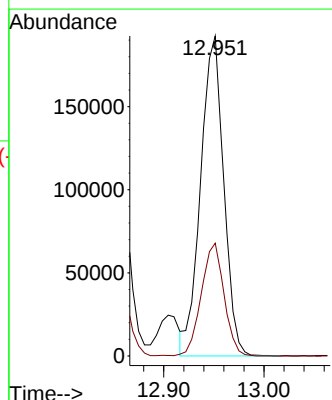
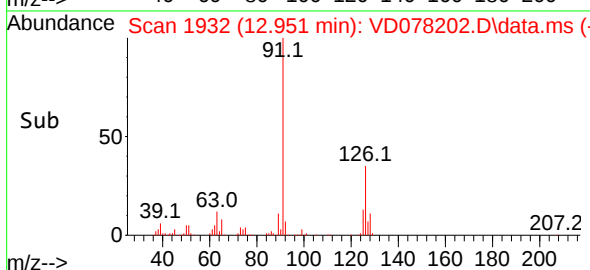
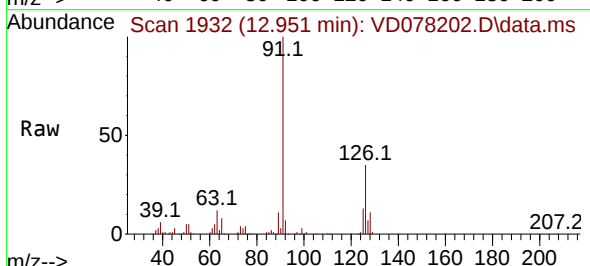
Manual Integrations
APPROVED

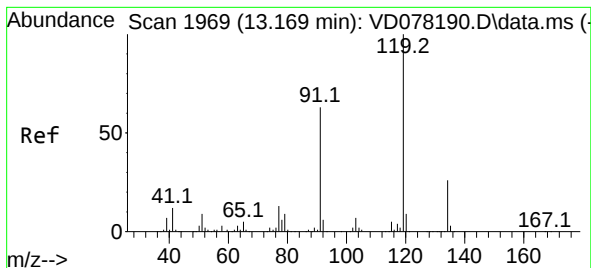
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#82
4-Chlorotoluene
Concen: 51.035 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 91 Resp: 308485
Ion Ratio Lower Upper
91 100
126 34.8 19.4 58.4





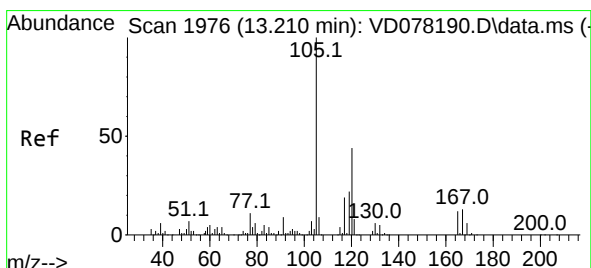
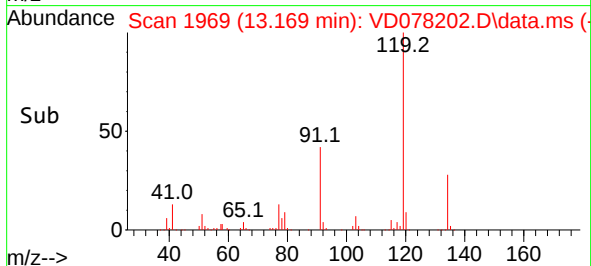
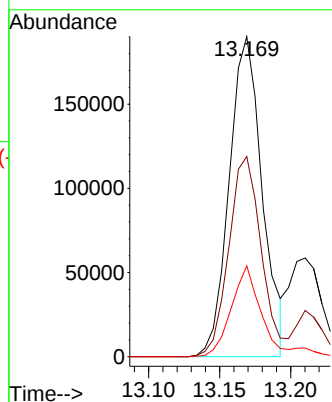
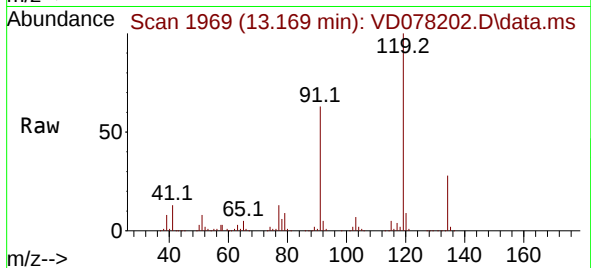
#83
tert-Butylbenzene
Concen: 51.226 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 307624
Ion Ratio Lower Upper
119 100
91 62.2 29.3 87.8
134 25.1 14.1 42.3

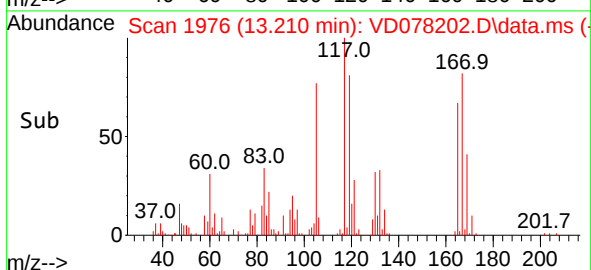
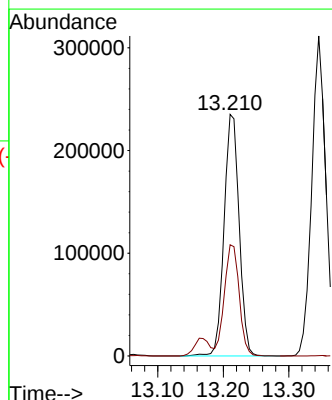
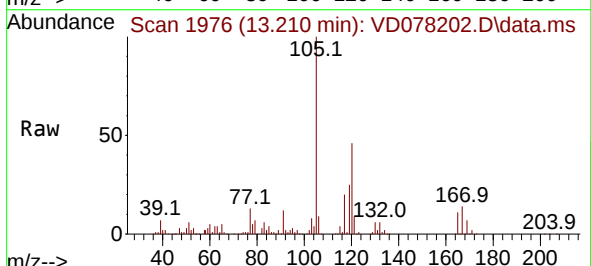
Manual Integrations
APPROVED

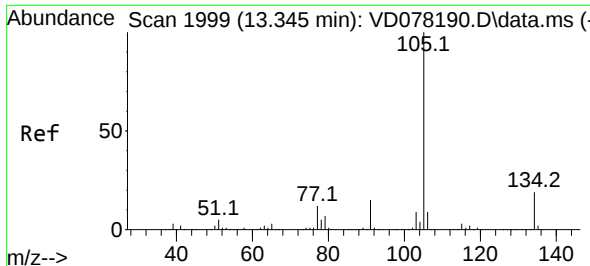
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#84
1,2,4-Trimethylbenzene
Concen: 51.494 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

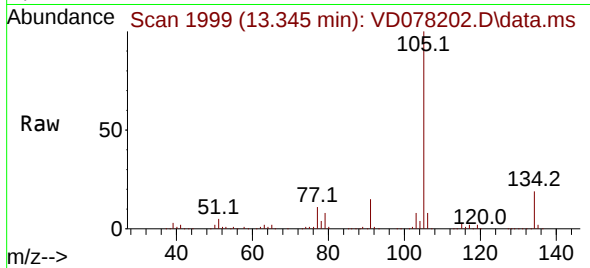
Tgt Ion:105 Resp: 374121
Ion Ratio Lower Upper
105 100
120 45.2 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 50.777 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078202.D
 Acq: 23 Jan 2024 10:47

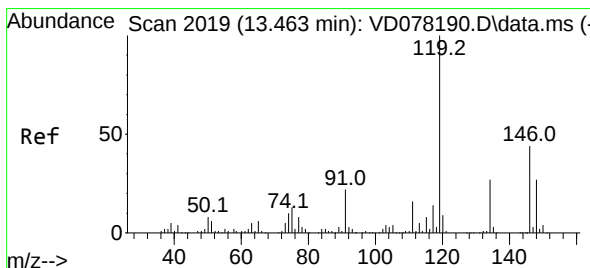
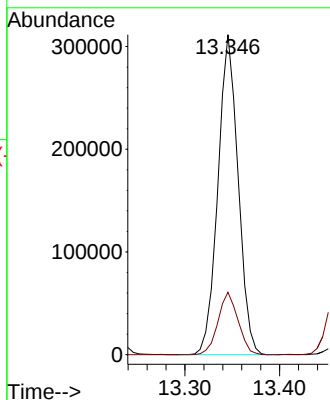
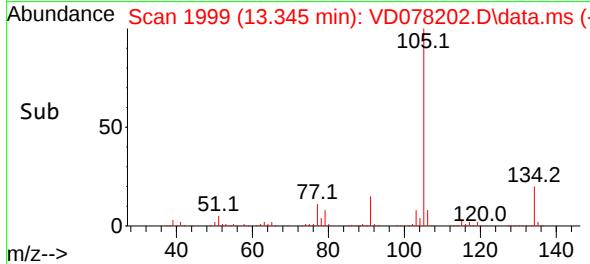
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



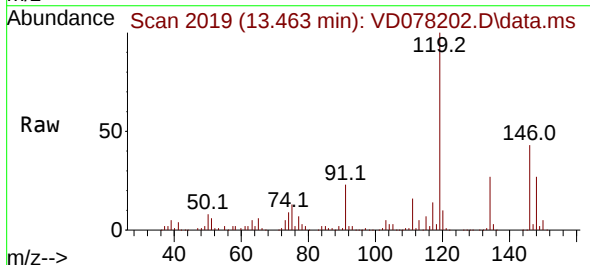
Tgt Ion:105 Resp: 461718
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.9 32.9

Manual Integrations
 APPROVED

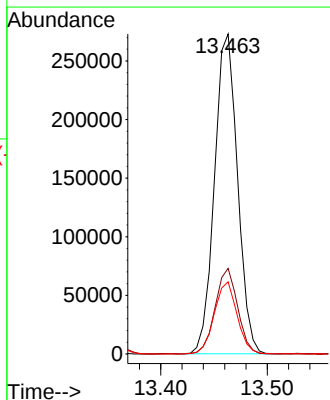
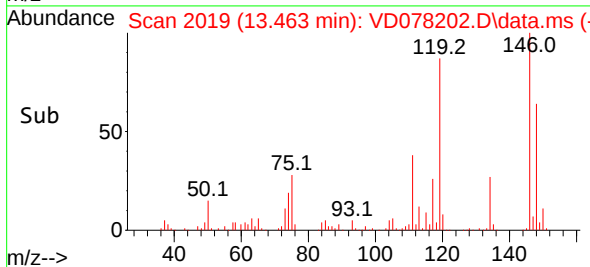
Reviewed By :Mahesh Dadoda 01/24/2024
 Supervised By :Semsettin Yesilyurt 01/24/2024

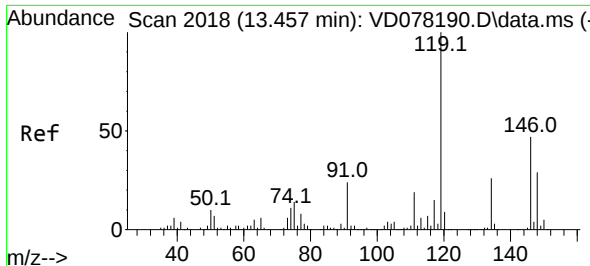


#86
 p-Isopropyltoluene
 Concen: 51.681 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078202.D
 Acq: 23 Jan 2024 10:47



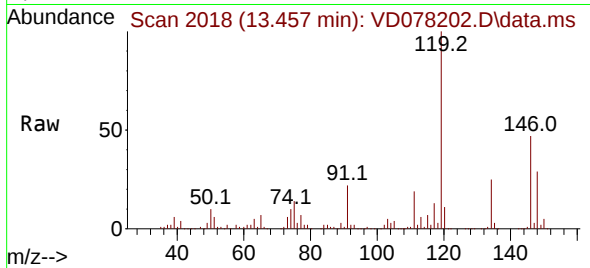
Tgt Ion:119 Resp: 408950
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 22.4 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 50.335 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

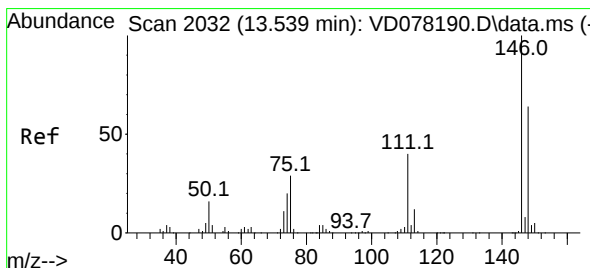
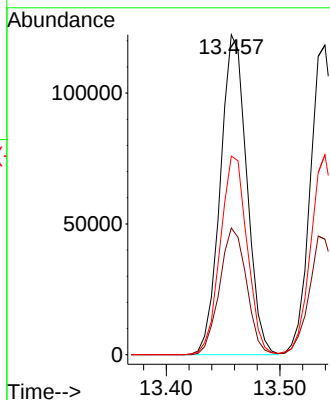
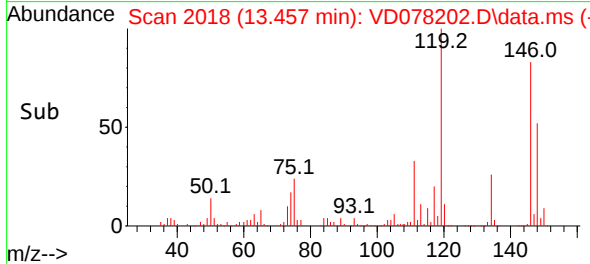
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



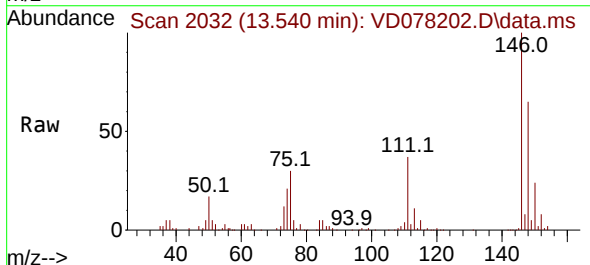
Tgt Ion:146 Resp: 197960
Ion Ratio Lower Upper
146 100
111 40.3 17.9 53.8
148 63.0 32.3 96.8

Manual Integrations
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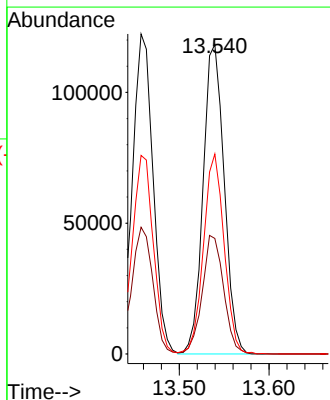
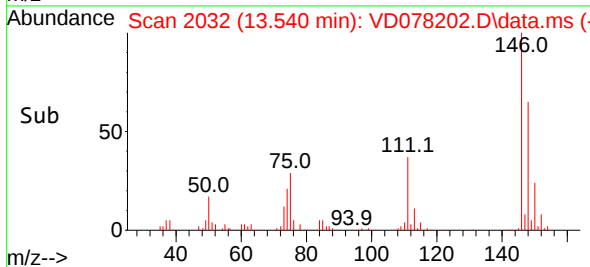
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

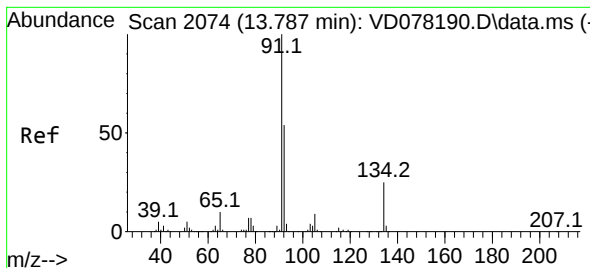


#88
1,4-Dichlorobenzene
Concen: 49.714 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47



Tgt Ion:146 Resp: 193160
Ion Ratio Lower Upper
146 100
111 38.8 17.4 52.3
148 63.2 31.7 95.1





#89

n-Butylbenzene

Concen: 51.025 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

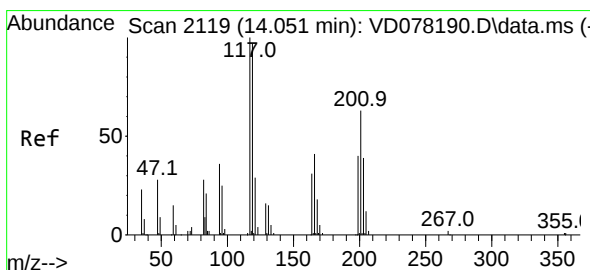
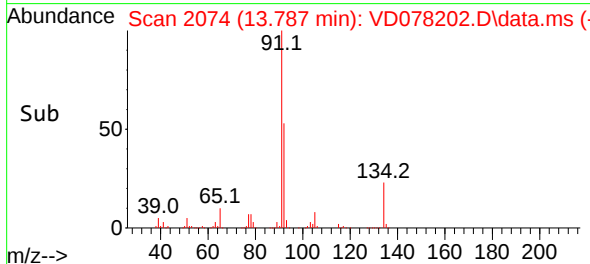
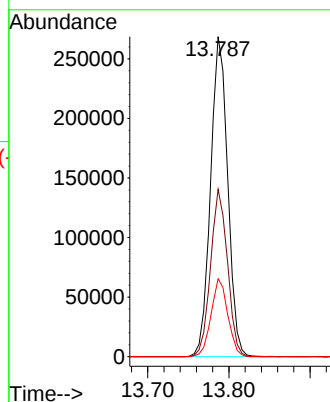
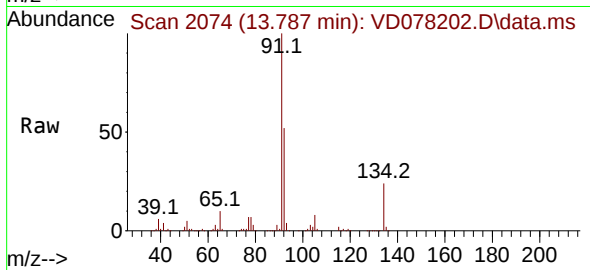
VSTDCCC050

Tgt Ion:	91	Resp:	393050
Ion Ratio	Lower	Upper	
91	100		
92	51.6	26.5	79.5
134	23.8	13.8	41.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#90

Hexachloroethane

Concen: 48.889 ug/l

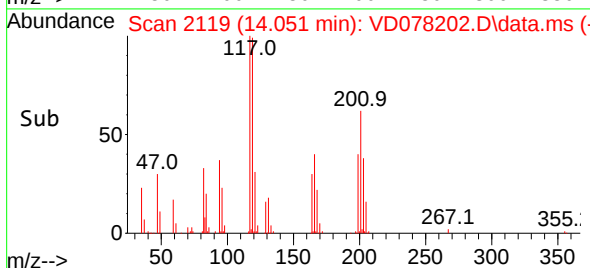
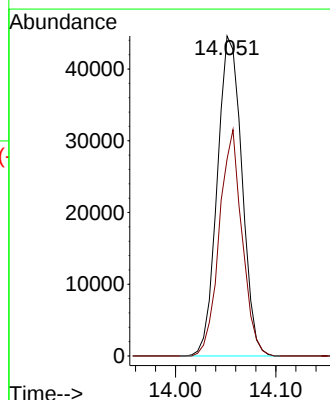
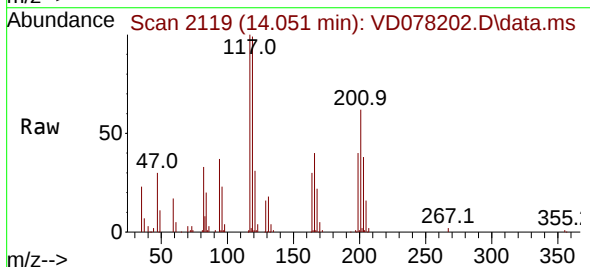
RT: 14.051 min Scan# 2119

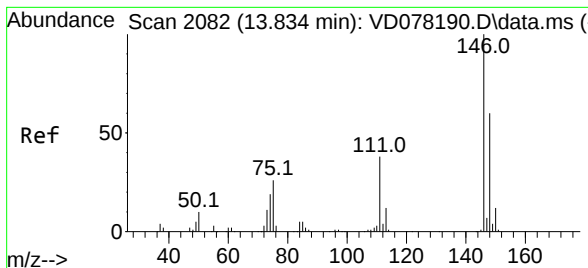
Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

Tgt Ion:	117	Resp:	75887
Ion Ratio	Lower	Upper	
117	100		
201	65.4	38.5	115.5





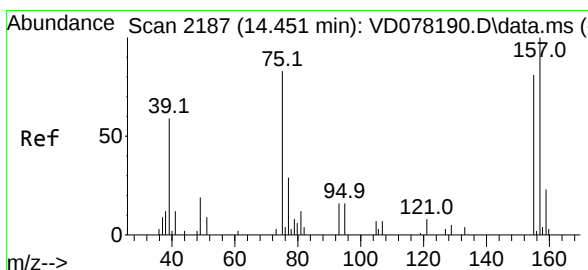
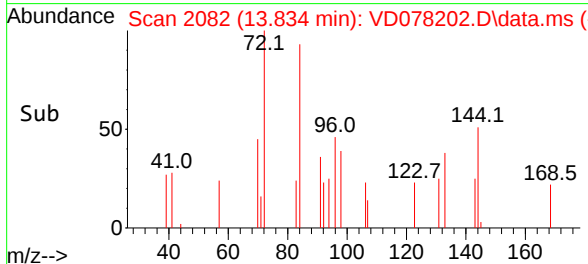
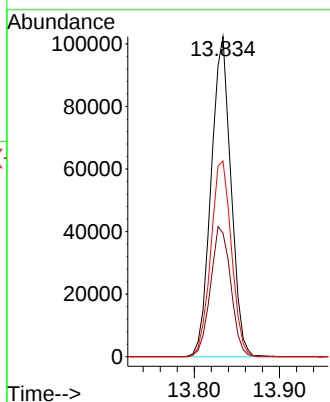
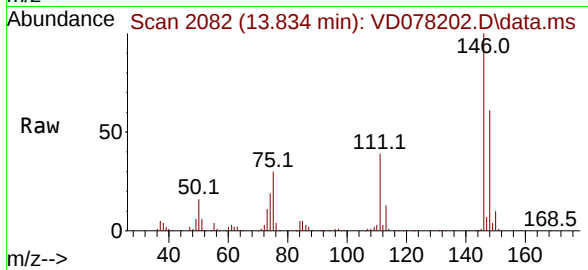
#91
1,2-Dichlorobenzene
Concen: 49.940 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 165154
Ion Ratio Lower Upper
146 100
111 41.5 18.3 54.8
148 63.8 31.6 94.7

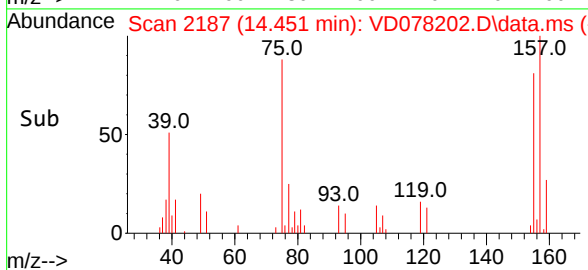
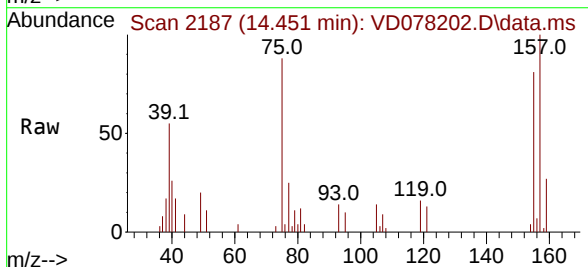
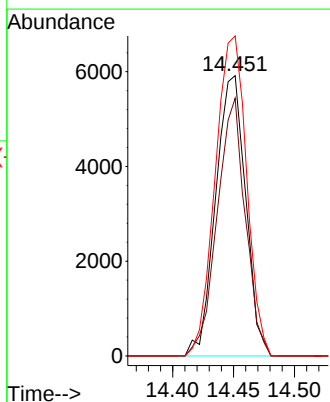
Manual Integrations
APPROVED

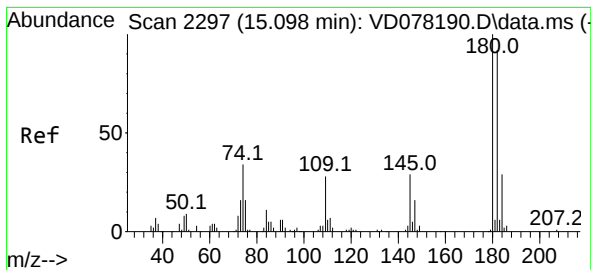
Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.971 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion: 75 Resp: 10130
Ion Ratio Lower Upper
75 100
155 86.2 47.9 143.8
157 119.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 49.262 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078202.D

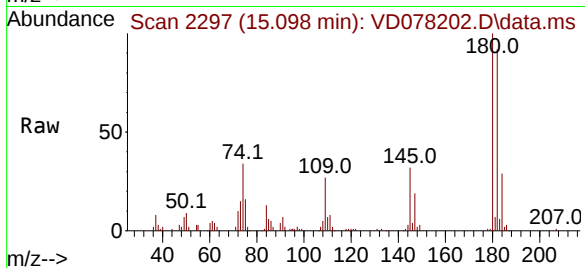
Acq: 23 Jan 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

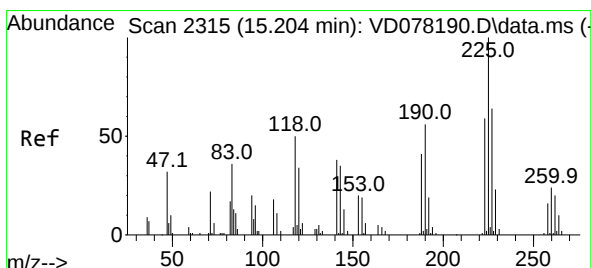
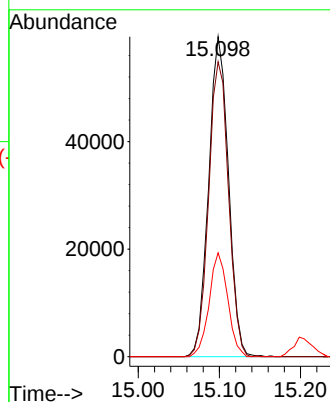
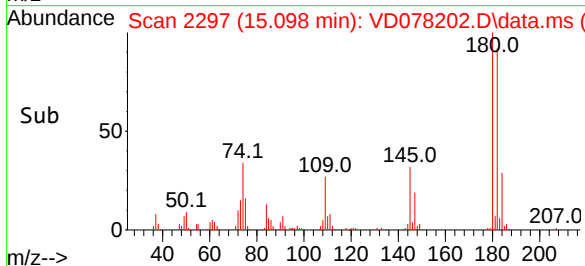


Tgt Ion:	180	Resp:	100704
Ion Ratio	Lower	Upper	
180	100		
182	92.6	48.5	145.6
145	30.5	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#94

Hexachlorobutadiene

Concen: 50.990 ug/l

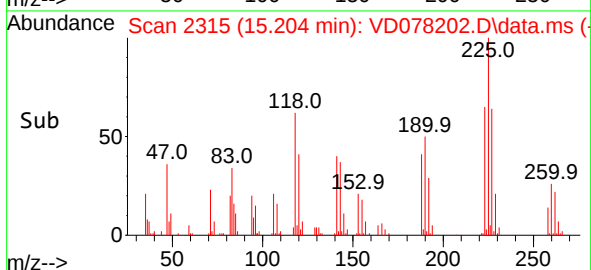
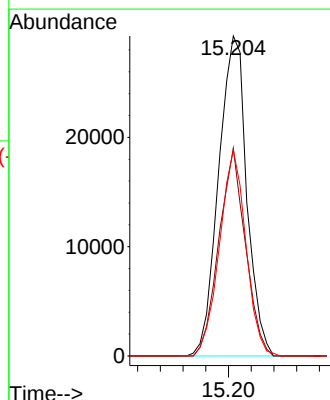
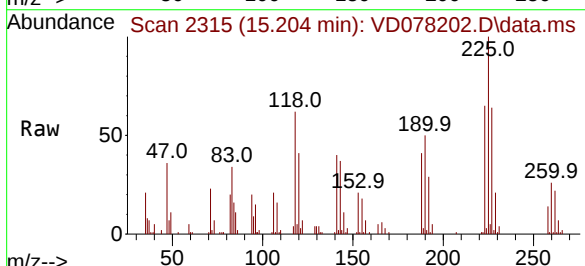
RT: 15.204 min Scan# 2315

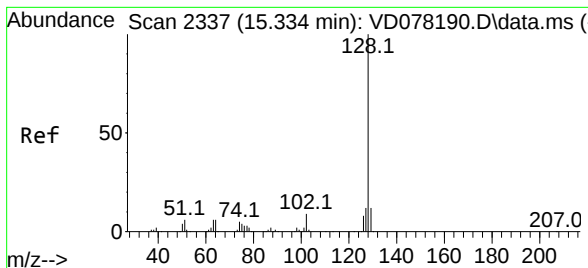
Delta R.T. 0.000 min

Lab File: VD078202.D

Acq: 23 Jan 2024 10:47

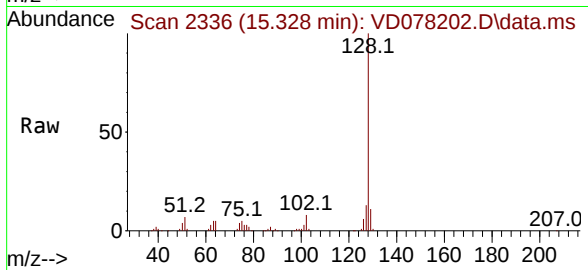
Tgt Ion:	225	Resp:	50370
Ion Ratio	Lower	Upper	
225	100		
223	60.9	31.6	94.8
227	60.3	31.7	95.1





#95
Naphthalene
Concen: 50.108 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

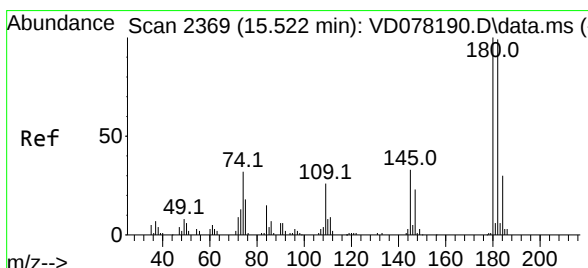
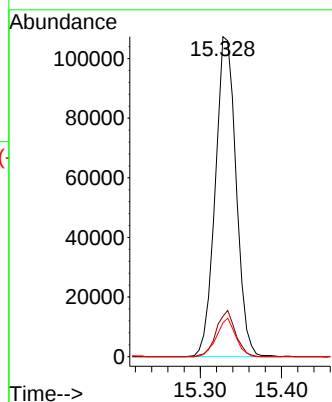
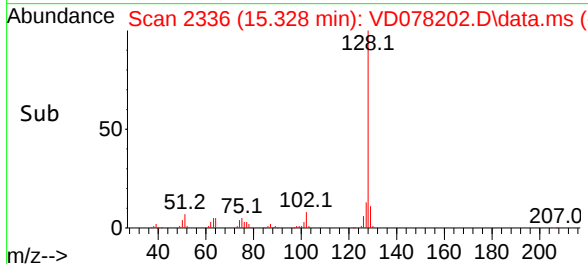
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 19151
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.556 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078202.D
Acq: 23 Jan 2024 10:47

Tgt Ion:180 Resp: 84994
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 32.3 15.1 45.3

