

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078692.D
 Acq On : 18 Mar 2024 12:54
 Operator : RP/MD
 Sample : VD0318SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

Quant Time: Mar 19 01:25:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	200288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	184642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59943	54.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.880%	
35) Dibromofluoromethane	7.805	113	70080	54.344	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.680%	
50) Toluene-d8	10.269	98	262067	55.258	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.520%	
62) 4-Bromofluorobenzene	12.575	95	72193	52.032	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.060%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	19597	18.085	ug/l	98
3) Chloromethane	2.152	50	29459	17.218	ug/l	93
4) Vinyl Chloride	2.287	62	45834	18.159	ug/l	92
5) Bromomethane	2.687	94	43050	17.814	ug/l	97
6) Chloroethane	2.834	64	36560	18.574	ug/l	93
7) Trichlorofluoromethane	3.181	101	36864	18.462	ug/l	99
8) Diethyl Ether	3.593	74	10082	17.293	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.970	101	23513	18.763	ug/l	98
10) Methyl Iodide	4.164	142	25253	17.036	ug/l	96
11) Tert butyl alcohol	5.064	59	2103	43.067	ug/l #	75
12) 1,1-Dichloroethene	3.946	96	21936	18.414	ug/l	96
13) Acrolein	3.799	56	9682	126.573	ug/l	97
14) Allyl chloride	4.558	41	23366	17.578	ug/l	95
15) Acrylonitrile	5.258	53	22088	93.984	ug/l	99
16) Acetone	4.022	43	20012	94.845	ug/l	94
17) Carbon Disulfide	4.275	76	65477	16.766	ug/l	97
18) Methyl Acetate	4.558	43	8279	18.283	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	43001	17.899	ug/l	95
20) Methylene Chloride	4.811	84	31227	18.654	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	24897	17.712	ug/l	94
22) Diisopropyl ether	6.222	45	56053	18.547	ug/l	91
23) Vinyl Acetate	6.158	43	157411	89.045	ug/l	97
24) 1,1-Dichloroethane	6.116	63	42494	18.754	ug/l	95
25) 2-Butanone	7.087	43	24990	89.084	ug/l	89
26) 2,2-Dichloropropane	7.081	77	33976	17.723	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	28060	17.502	ug/l	96
28) Bromochloromethane	7.428	49	17855	22.103	ug/l	98
29) Tetrahydrofuran	7.446	42	13433	88.040	ug/l	97
30) Chloroform	7.593	83	45500	18.010	ug/l	93
31) Cyclohexane	7.875	56	30003	16.359	ug/l #	94
32) 1,1,1-Trichloroethane	7.793	97	38966	18.179	ug/l	98
36) 1,1-Dichloropropene	8.010	75	31931	17.066	ug/l	99
37) Ethyl Acetate	7.169	43	10916	17.859	ug/l	97
38) Carbon Tetrachloride	7.987	117	34161	17.318	ug/l #	92
39) Methylcyclohexane	9.275	83	35586	16.395	ug/l	97
40) Benzene	8.252	78	97547	17.247	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	6298	19.662	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	25401	18.416	ug/l	99
43) Isopropyl Acetate	8.363	43	19355	17.412	ug/l	93
44) Trichloroethene	9.034	130	27136	17.679	ug/l	89
45) 1,2-Dichloropropane	9.310	63	24382	18.172	ug/l	93
46) Dibromomethane	9.393	93	13797	17.154	ug/l	97
47) Bromodichloromethane	9.581	83	36304	18.961	ug/l	87
48) Methyl methacrylate	9.381	41	9090	16.782	ug/l	96
49) 1,4-Dioxane	9.381	88	2373	318.660	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	50860	87.517	ug/l	98
52) Toluene	10.334	92	62389	17.133	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	30349	17.336	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	37452	17.796	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	19674	18.267	ug/l	94
56) Ethyl methacrylate	10.599	69	18161	16.820	ug/l	98
57) 1,3-Dichloropropane	10.881	76	31283	18.001	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	45045	94.615	ug/l	98
59) 2-Hexanone	10.922	43	37995	88.195	ug/l	94
60) Dibromochloromethane	11.075	129	23802	17.920	ug/l	97
61) 1,2-Dibromoethane	11.175	107	18029	17.297	ug/l	95
64) Tetrachloroethene	10.810	164	22516	18.427	ug/l	93
65) Chlorobenzene	11.604	112	70227	18.201	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	26198	18.540	ug/l	97
67) Ethyl Benzene	11.681	91	114146	17.361	ug/l	98
68) m/p-Xylenes	11.793	106	91421	34.241	ug/l	98
69) o-Xylene	12.122	106	40836	16.531	ug/l	97
70) Styrene	12.134	104	73073	17.624	ug/l	99
71) Bromoform	12.298	173	13266	17.372	ug/l #	93
73) Isopropylbenzene	12.422	105	108094	17.943	ug/l	97
74) N-amyl acetate	12.234	43	17183	17.568	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	21142	18.958	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	26034	36.931	ug/l #	100
77) Bromobenzene	12.698	156	28248	18.908	ug/l	99
78) n-propylbenzene	12.763	91	135950	18.540	ug/l	100
79) 2-Chlorotoluene	12.851	91	75417	18.748	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	92137	18.495	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	6246	18.573	ug/l	90
82) 4-Chlorotoluene	12.945	91	78780	18.515	ug/l	100
83) tert-Butylbenzene	13.169	119	76816	17.883	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	89734	17.874	ug/l	97
85) sec-Butylbenzene	13.345	105	117478	18.072	ug/l	98
86) p-Isopropyltoluene	13.463	119	99569	17.892	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	57870	18.356	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	57613	18.543	ug/l	100
89) n-Butylbenzene	13.787	91	90706	18.048	ug/l	99
90) Hexachloroethane	14.057	117	20661	17.943	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	48565	17.886	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3050	20.445	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	27805	17.546	ug/l	93
94) Hexachlorobutadiene	15.204	225	14922	17.393	ug/l	96
95) Naphthalene	15.334	128	43472	15.778	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.522	180	23966	17.481	ug/l	96

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

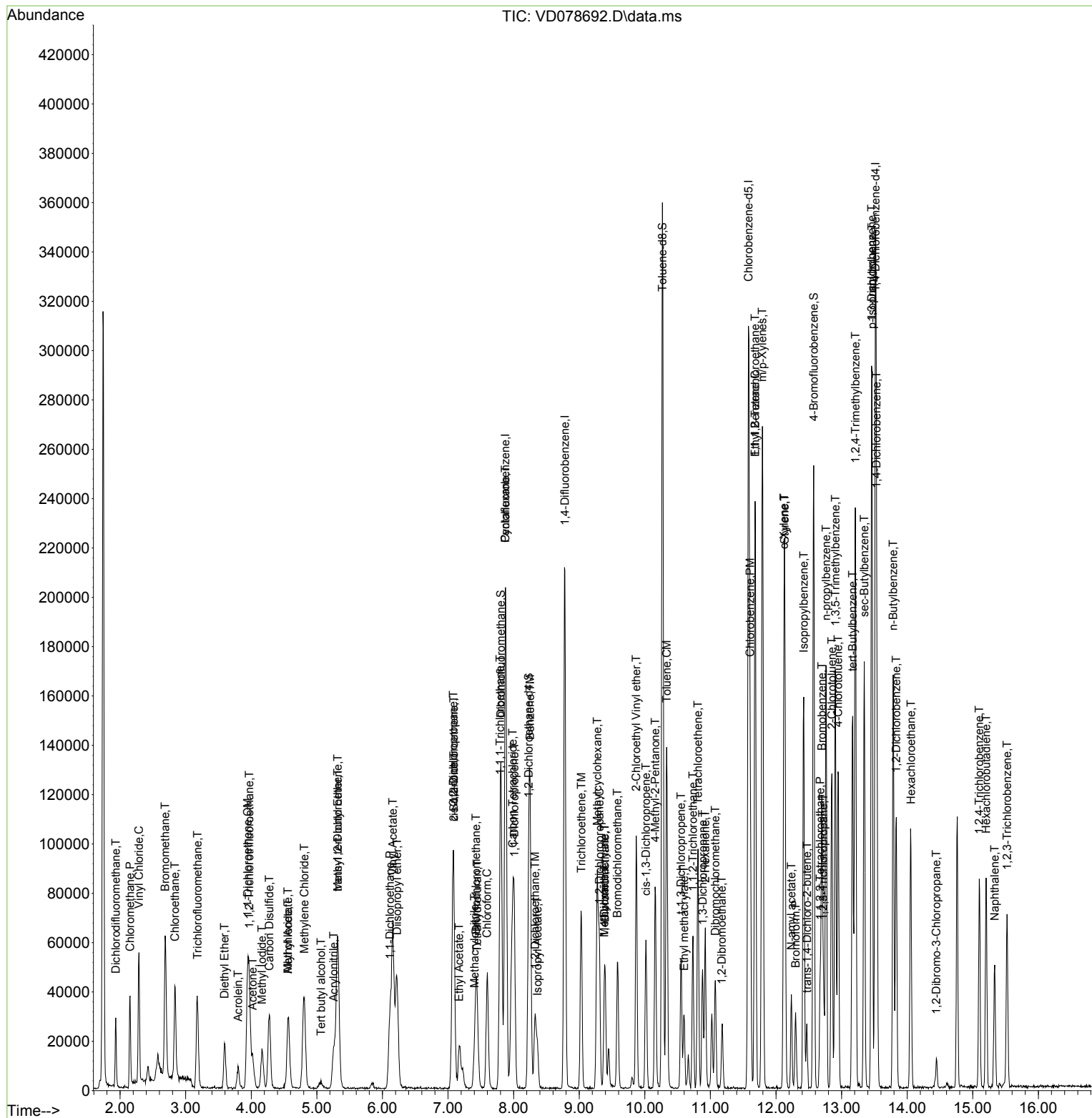
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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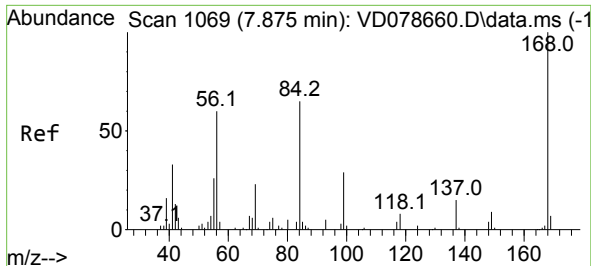
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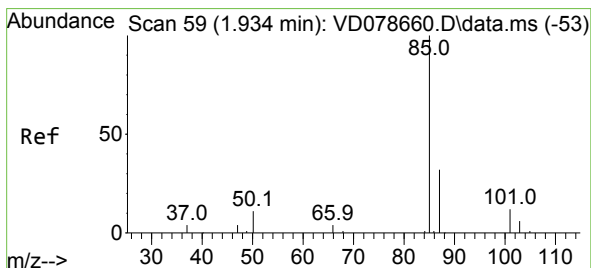
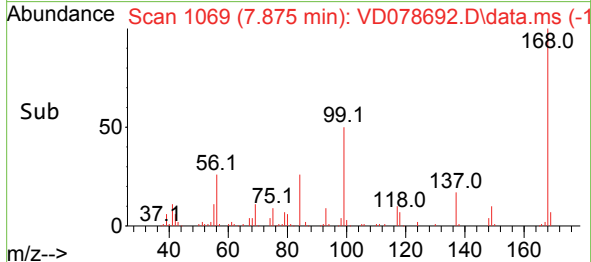
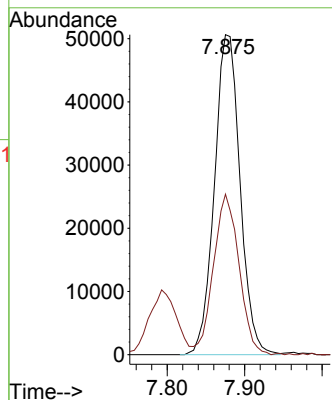
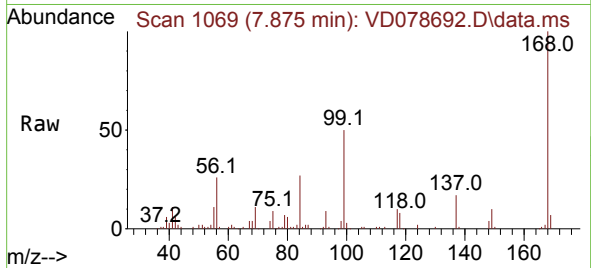




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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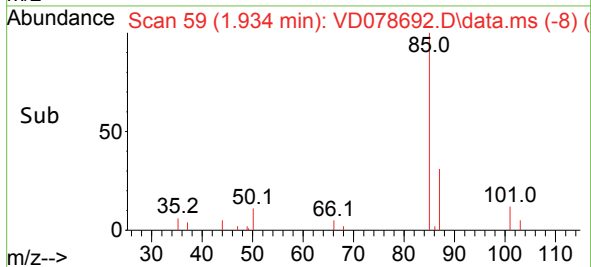
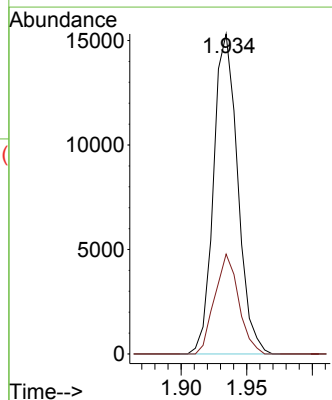
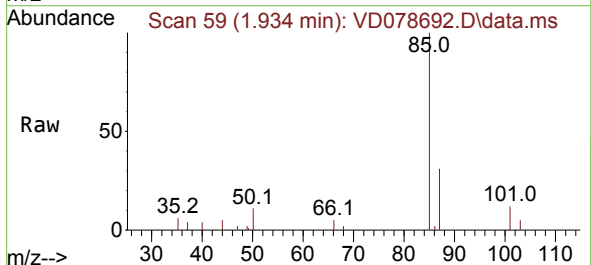
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

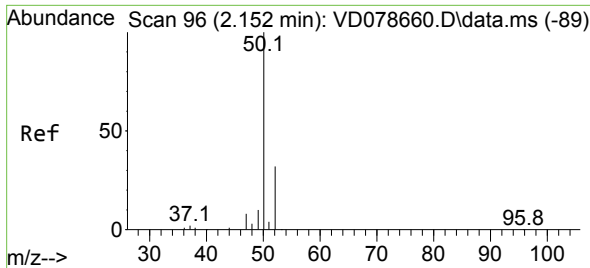
Tgt Ion:168 Resp: 116430
Ion Ratio Lower Upper
168 100
99 49.8 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 18.085 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 85 Resp: 19597
Ion Ratio Lower Upper
85 100
87 31.2 16.2 48.5

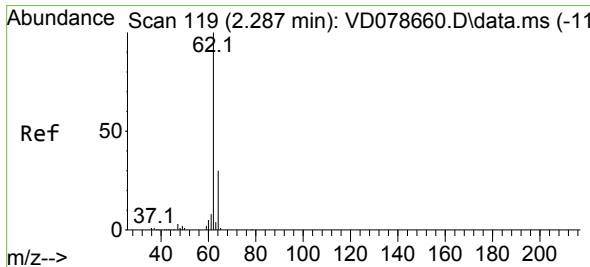
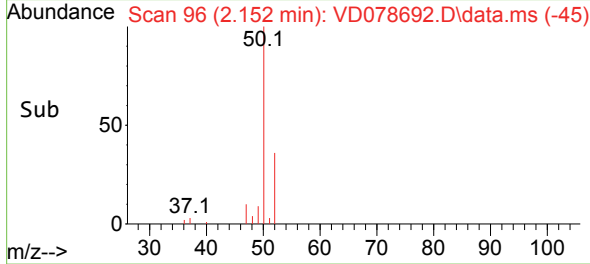
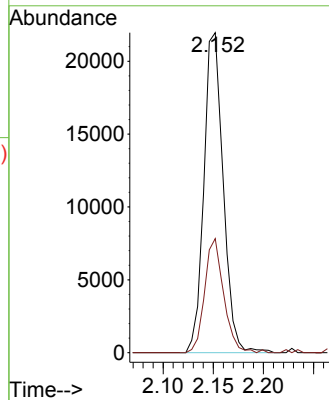
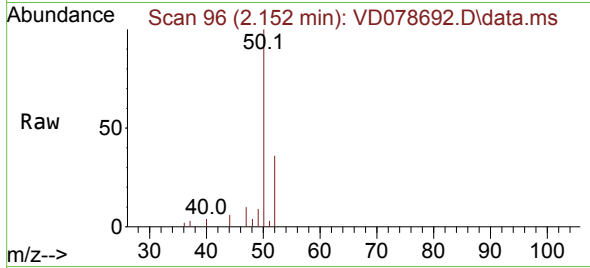




#3
Chloromethane
Concen: 17.218 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

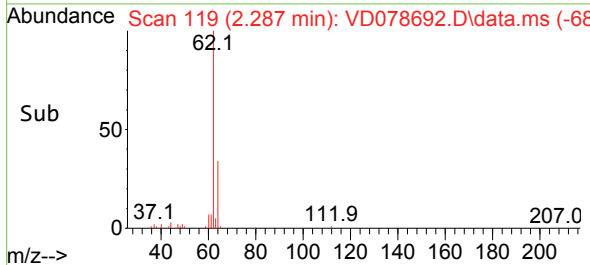
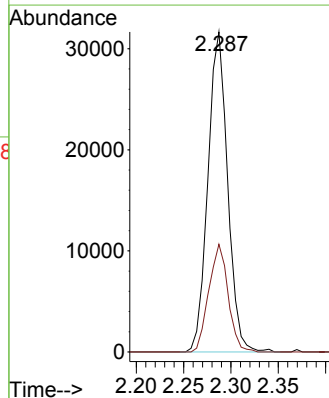
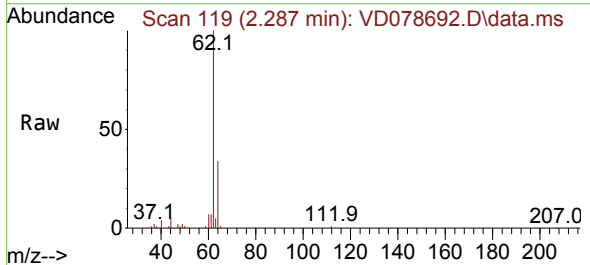
Instrument :
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ClientSampleId :
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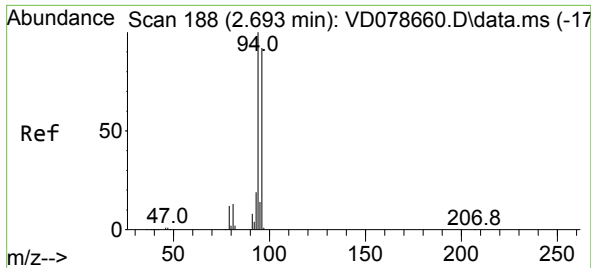
Tgt Ion: 50 Resp: 29459
Ion Ratio Lower Upper
50 100
52 35.7 25.6 38.4



#4
Vinyl Chloride
Concen: 18.159 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 62 Resp: 45834
Ion Ratio Lower Upper
62 100
64 33.7 23.7 35.5

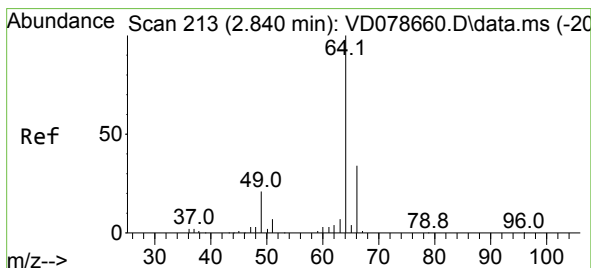
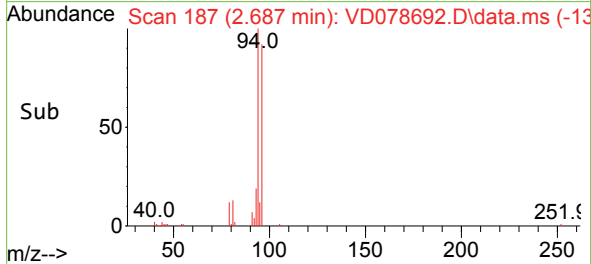
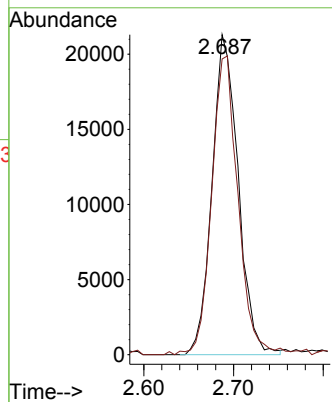
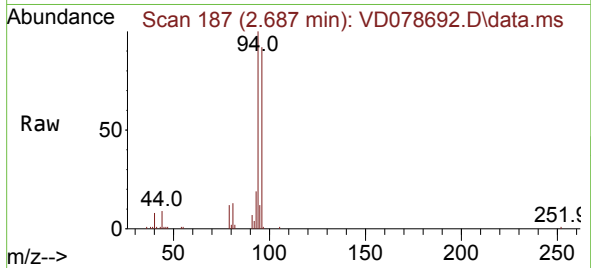




#5
Bromomethane
Concen: 17.814 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078692.D
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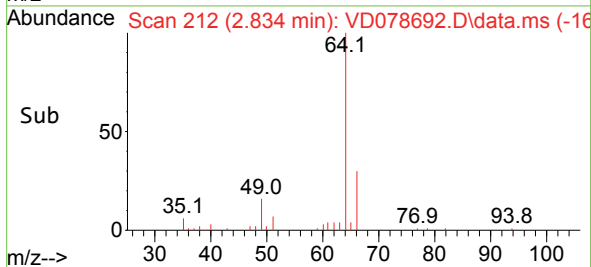
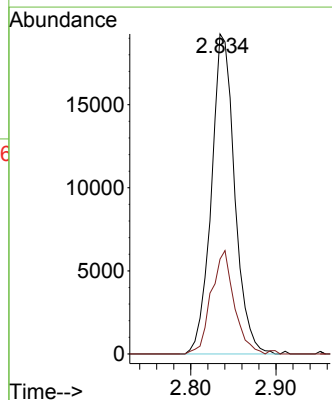
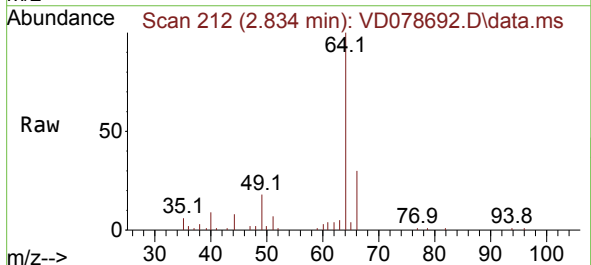
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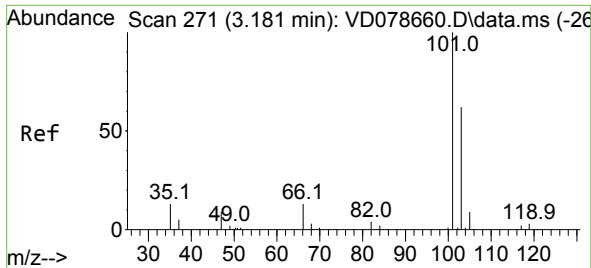
Tgt Ion: 94 Resp: 43050
Ion Ratio Lower Upper
94 100
96 94.4 73.5 110.3



#6
Chloroethane
Concen: 18.574 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 64 Resp: 36560
Ion Ratio Lower Upper
64 100
66 29.7 26.8 40.2

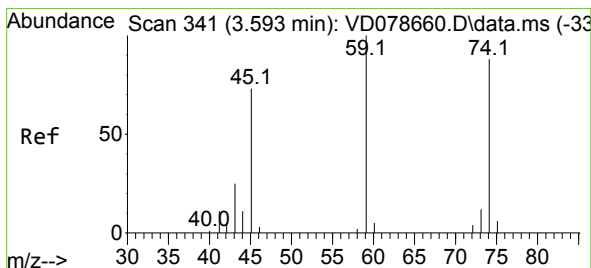
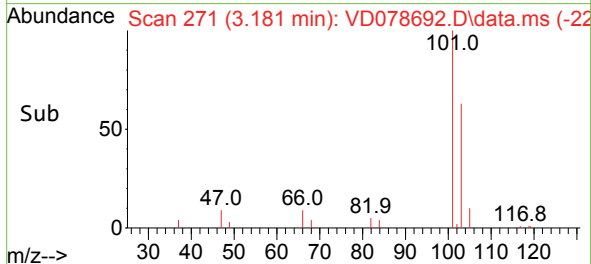
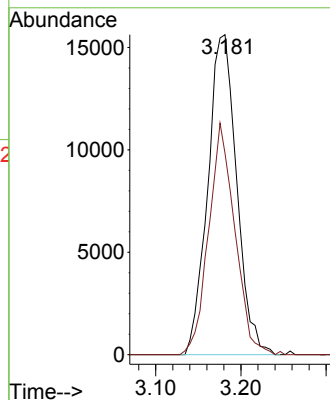
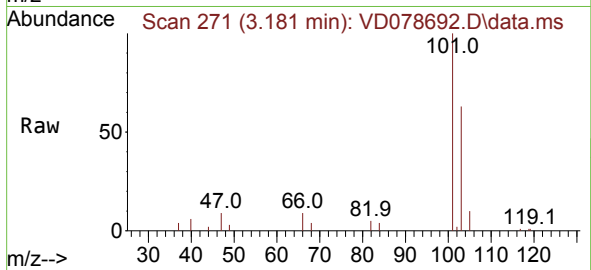




#7
Trichlorofluoromethane
Concen: 18.462 ug/l
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

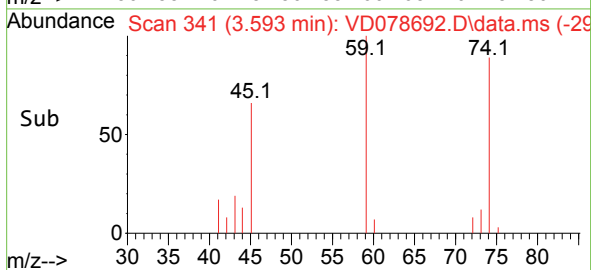
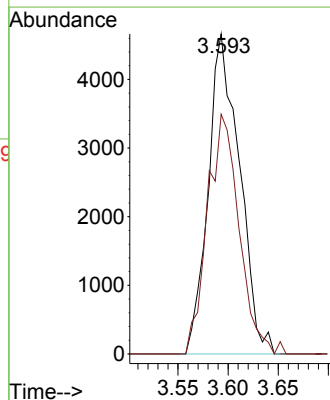
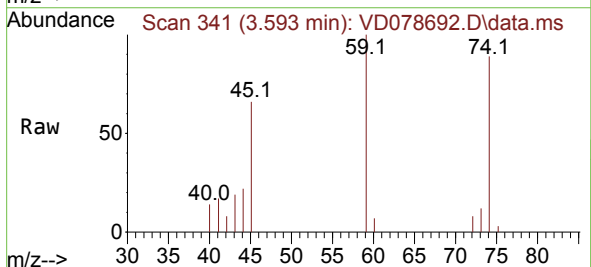
Instrument :
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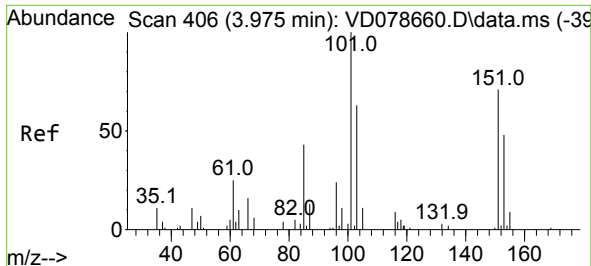
Tgt Ion:101 Resp: 36864
Ion Ratio Lower Upper
101 100
103 63.0 49.7 74.5



#8
Diethyl Ether
Concen: 17.293 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 74 Resp: 10082
Ion Ratio Lower Upper
74 100
45 76.3 42.4 127.3

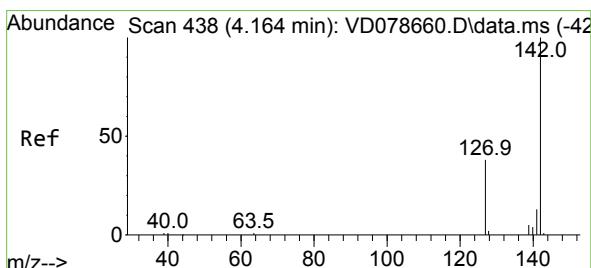
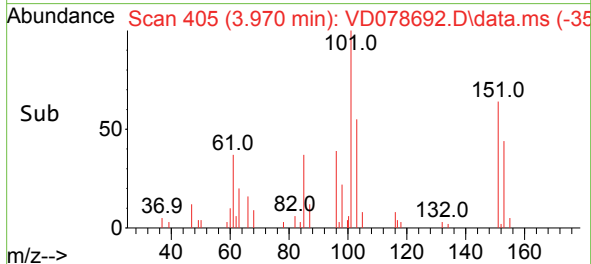
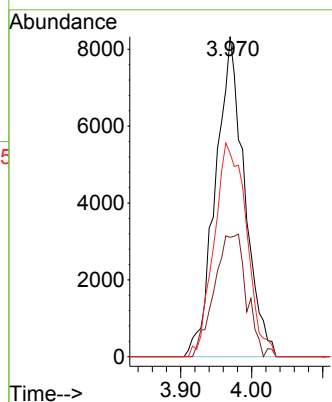
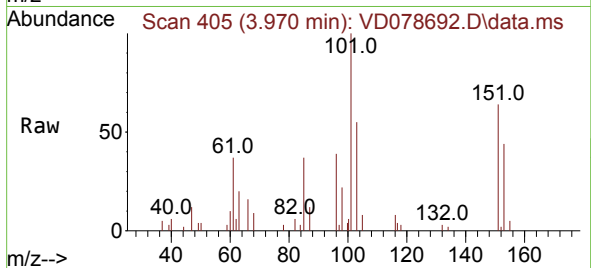




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.763 ug/l
RT: 3.970 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

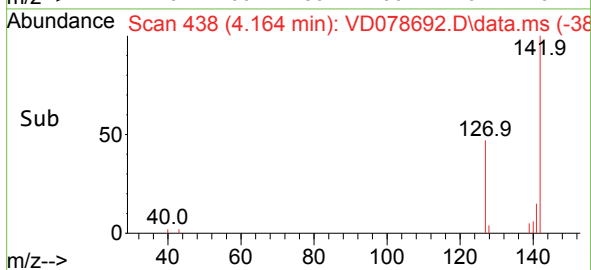
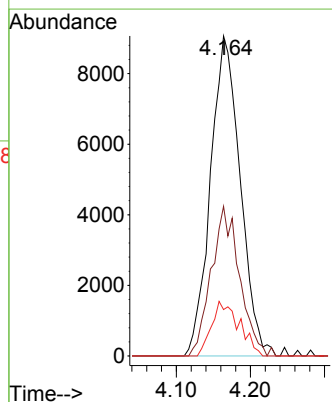
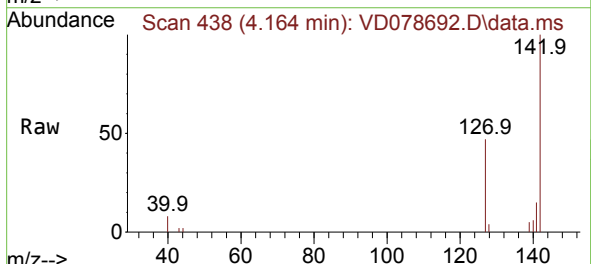
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

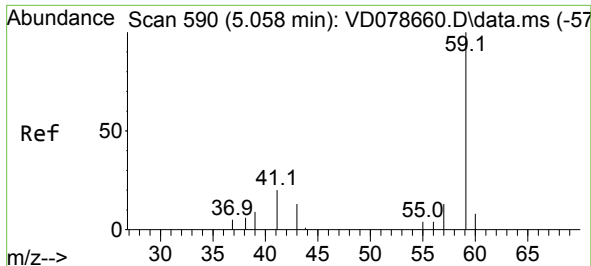
Tgt Ion:101	Resp:	23513
Ion	Ratio	Lower Upper
101	100	
85	42.8	35.8 53.6
151	74.9	59.4 89.2



#10
Methyl Iodide
Concen: 17.036 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion:142	Resp:	25253
Ion	Ratio	Lower Upper
142	100	
127	44.7	33.5 50.3
141	15.9	11.7 17.5

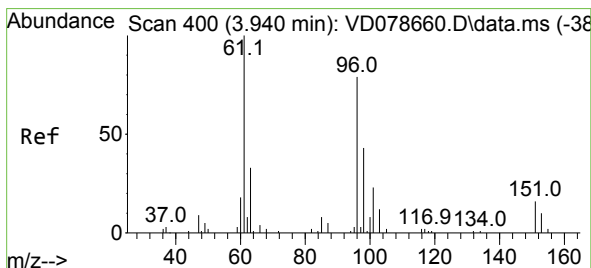
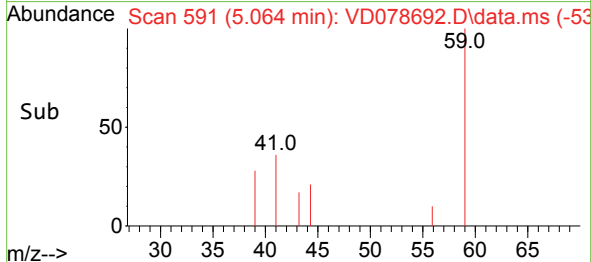
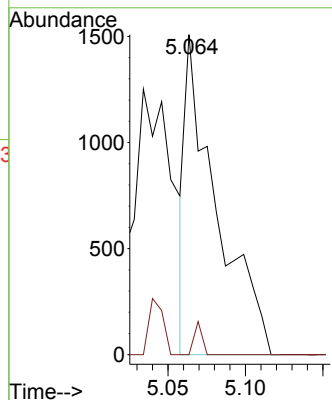
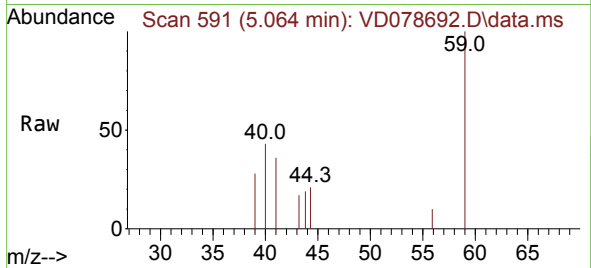




#11
Tert butyl alcohol
Concen: 43.067 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

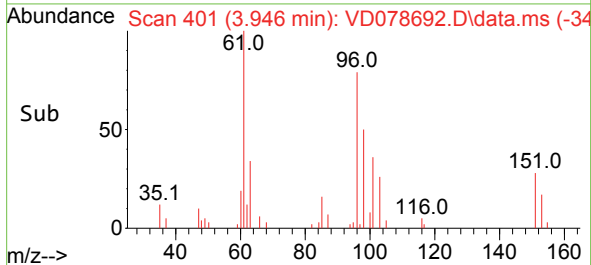
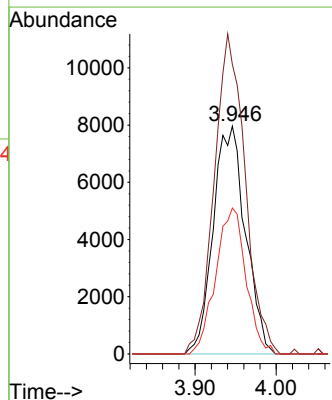
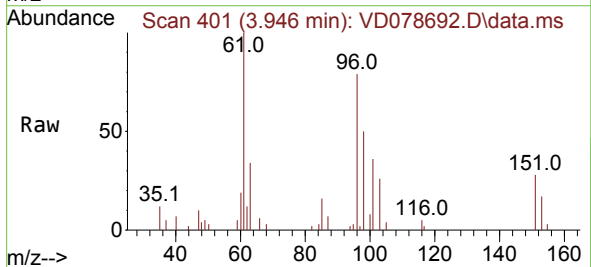
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

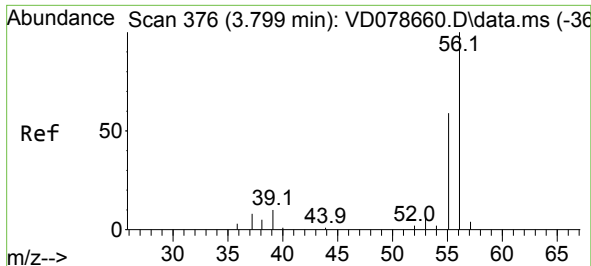
Tgt Ion: 59 Resp: 2103
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 18.414 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 96 Resp: 21936
Ion Ratio Lower Upper
96 100
61 127.1 101.4 152.0
98 64.1 43.4 65.0





#13

Acrolein

Concen: 126.573 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

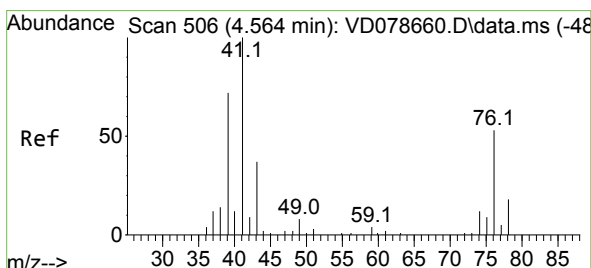
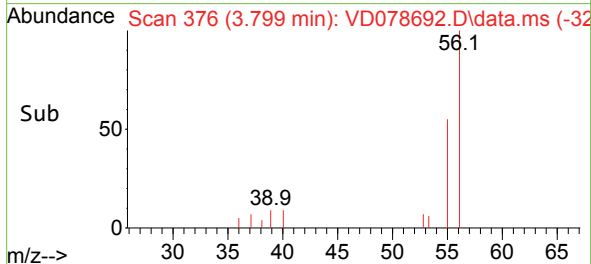
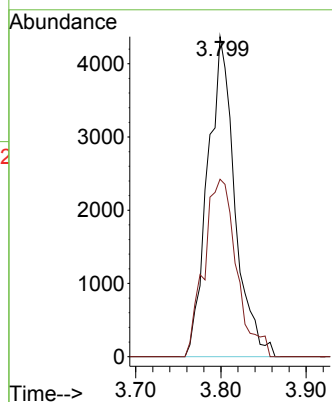
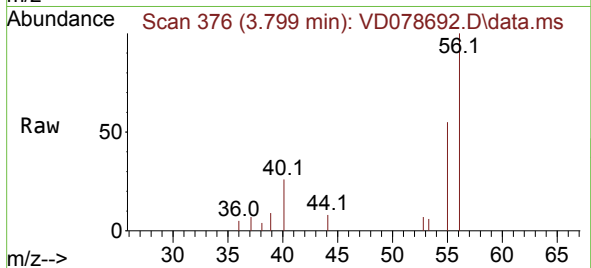
VD0318SBS01

Tgt Ion: 56 Resp: 9682

Ion Ratio Lower Upper

56 100

55 66.2 54.9 82.3



#14

Allyl chloride

Concen: 17.578 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

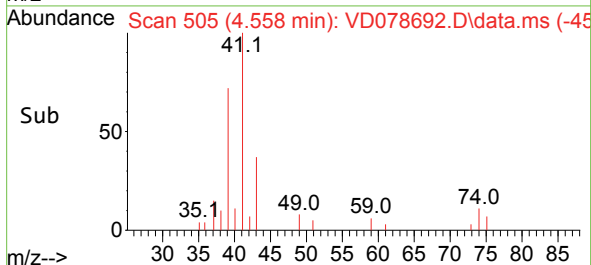
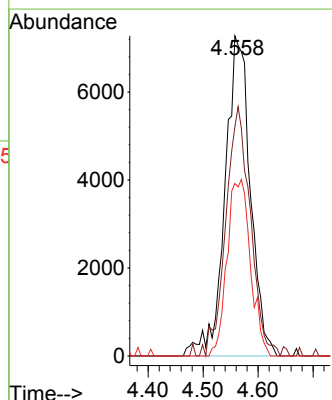
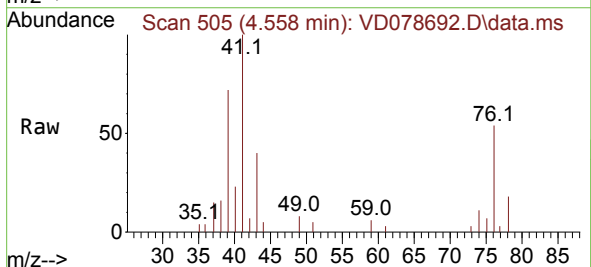
Tgt Ion: 41 Resp: 23366

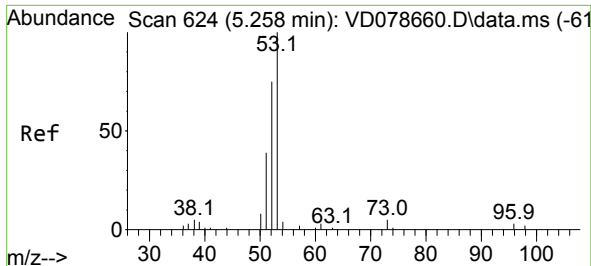
Ion Ratio Lower Upper

41 100

39 75.5 57.8 86.6

76 50.7 44.8 67.2

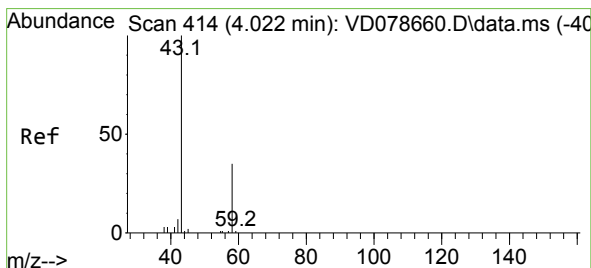
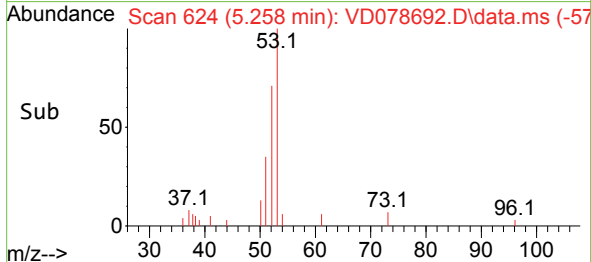
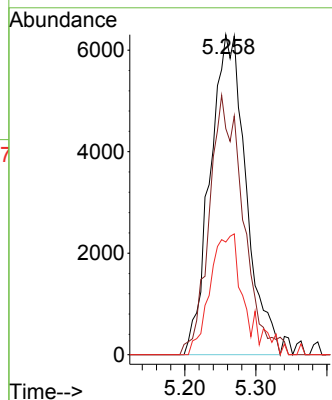
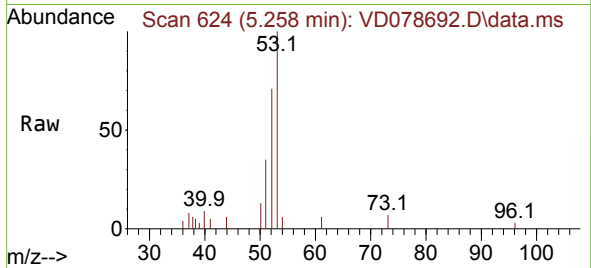




#15
Acrylonitrile
Concen: 93.984 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

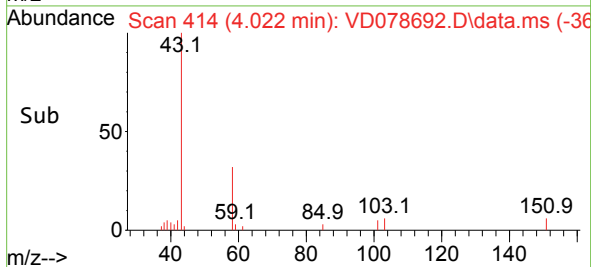
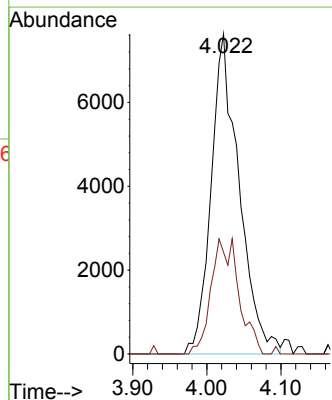
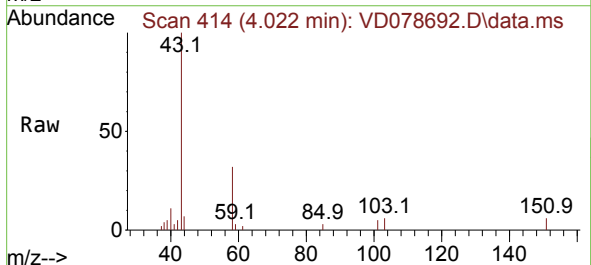
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

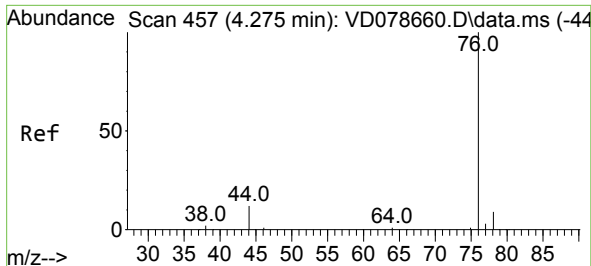
Tgt Ion:	53	Resp:	22088
Ion	Ratio	Lower	Upper
53	100		
52	76.9	61.9	92.9
51	36.5	29.0	43.4



#16
Acetone
Concen: 94.845 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion:	43	Resp:	20012
Ion	Ratio	Lower	Upper
43	100		
58	31.8	28.2	42.4

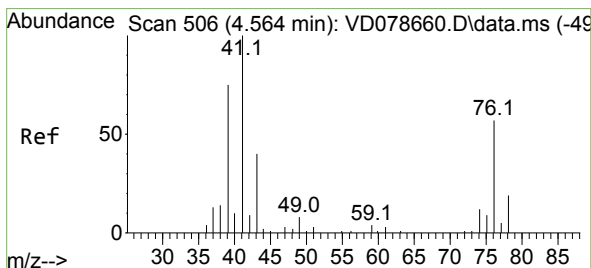
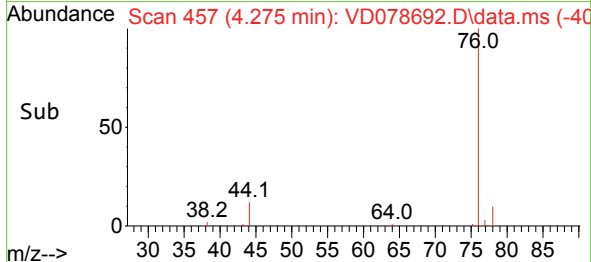
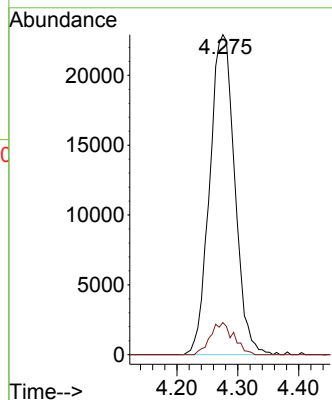
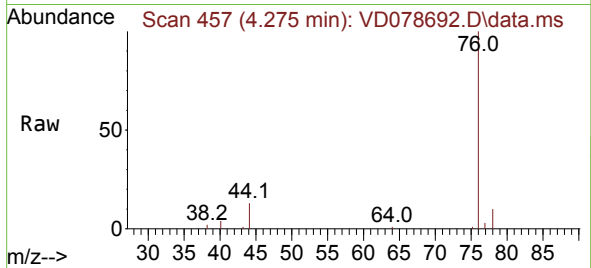




#17
Carbon Disulfide
Concen: 16.766 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

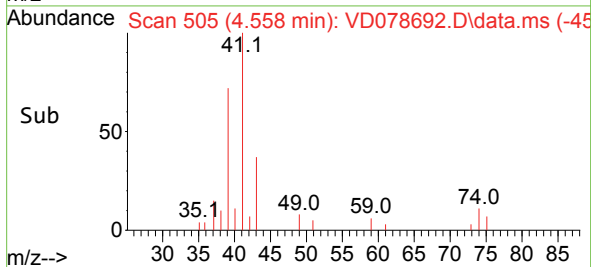
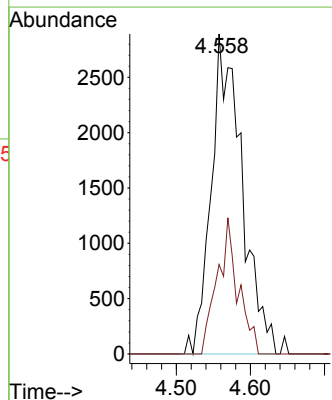
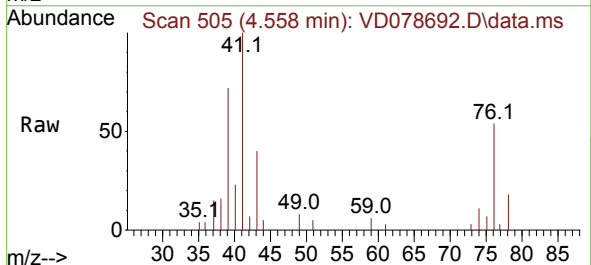
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

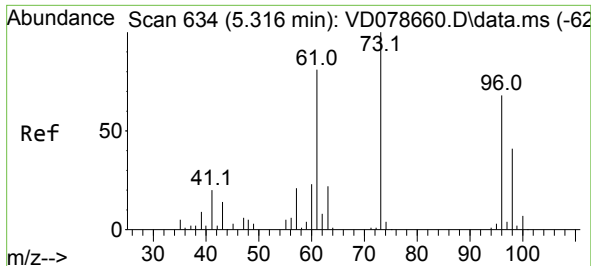
Tgt Ion: 76 Resp: 65477
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



#18
Methyl Acetate
Concen: 18.283 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 43 Resp: 8279
Ion Ratio Lower Upper
43 100
74 29.2 25.3 37.9

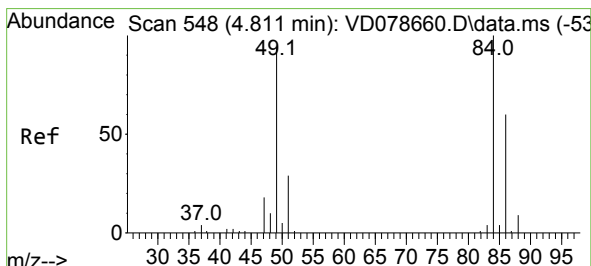
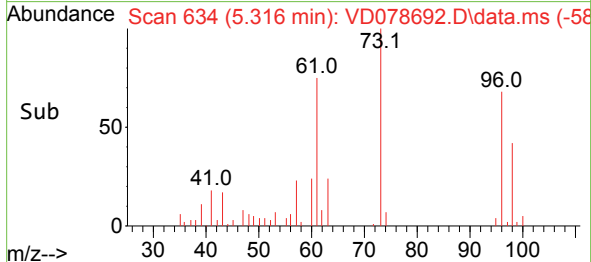
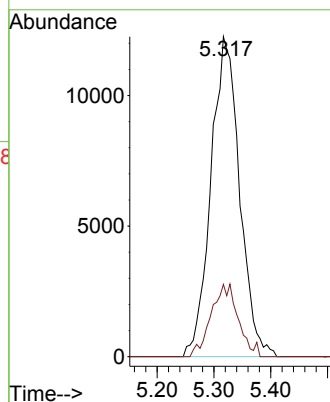
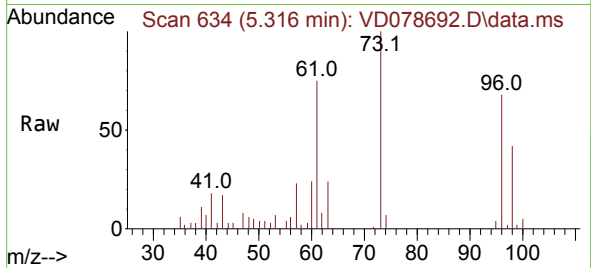




#19
Methyl tert-butyl Ether
Concen: 17.899 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

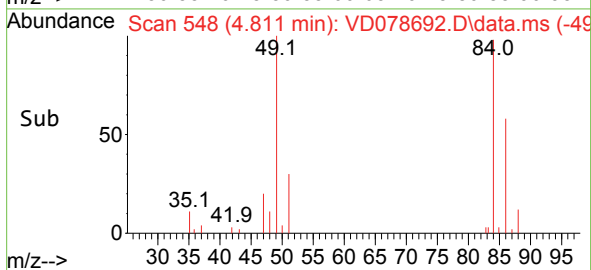
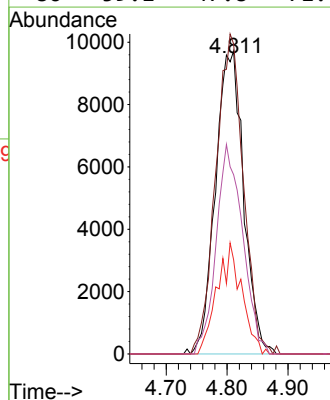
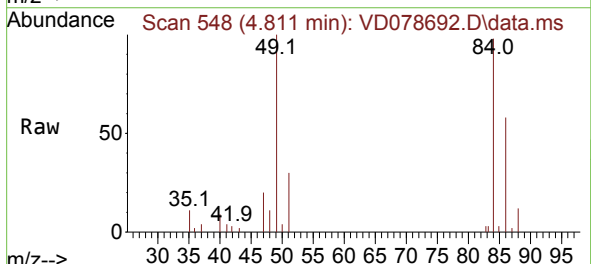
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

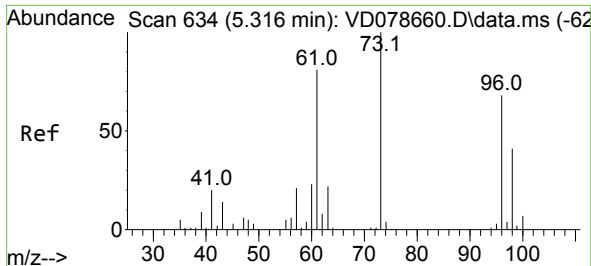
Tgt Ion: 73 Resp: 43001
Ion Ratio Lower Upper
73 100
57 22.6 16.4 24.6



#20
Methylene Chloride
Concen: 18.654 ug/l
RT: 4.811 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 84 Resp: 31227
Ion Ratio Lower Upper
84 100
49 102.3 75.6 113.4
51 31.0 23.4 35.0
86 59.1 47.8 71.6

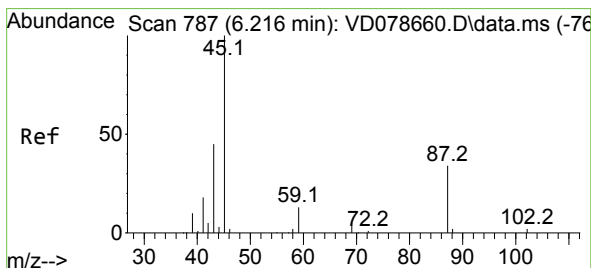
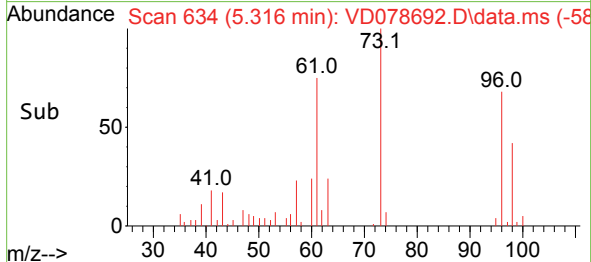
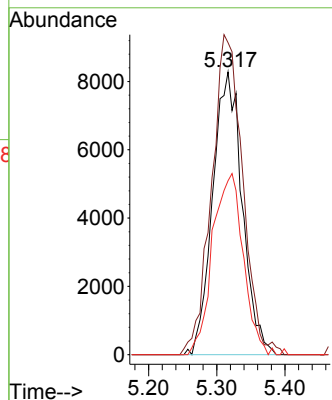
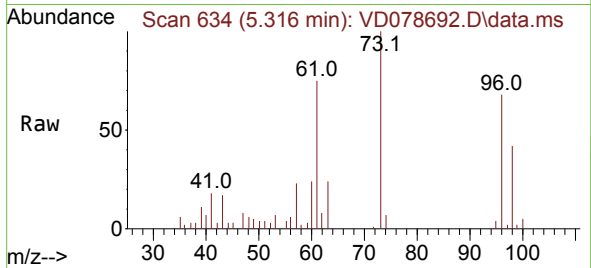




#21
trans-1,2-Dichloroethene
Concen: 17.712 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

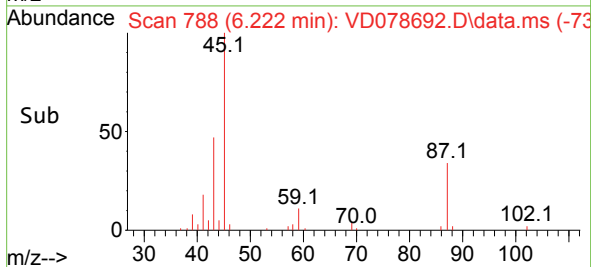
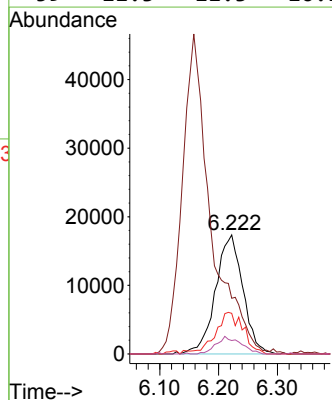
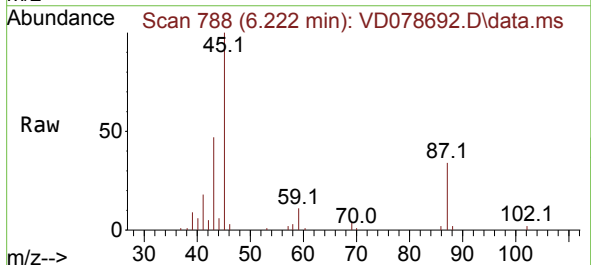
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

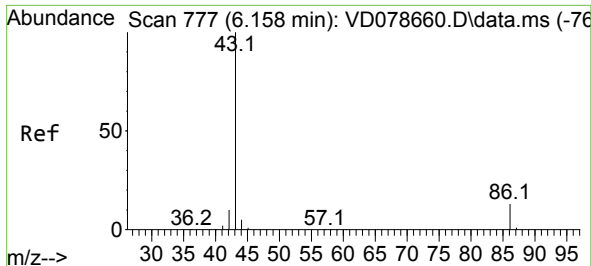
Tgt Ion: 96 Resp: 24897
Ion Ratio Lower Upper
96 100
61 110.4 96.1 144.1
98 61.5 48.9 73.3



#22
Diisopropyl ether
Concen: 18.547 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 45 Resp: 56053
Ion Ratio Lower Upper
45 100
43 44.8 44.3 66.5
87 34.2 28.3 42.5
59 11.3 11.3 16.9

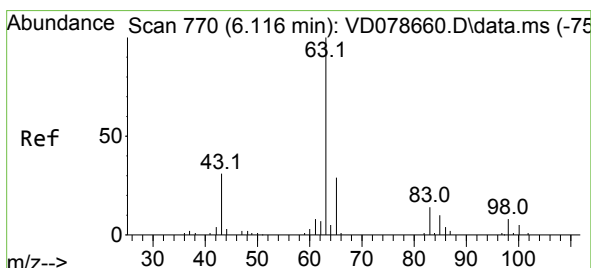
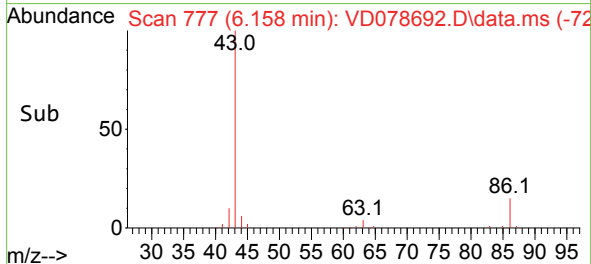
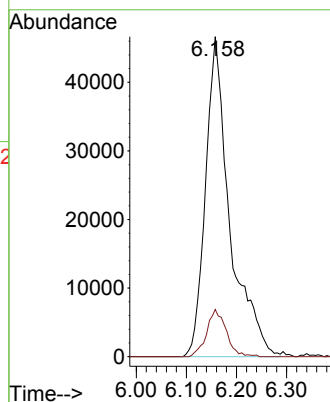
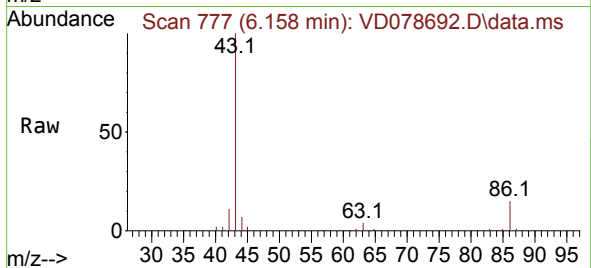




#23
 Vinyl Acetate
 Concen: 89.045 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078692.D
 Acq: 18 Mar 2024 12:54

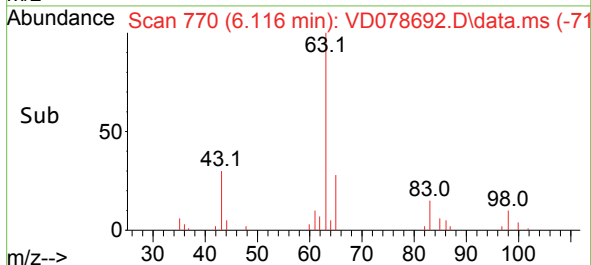
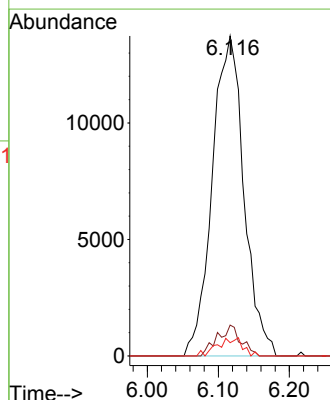
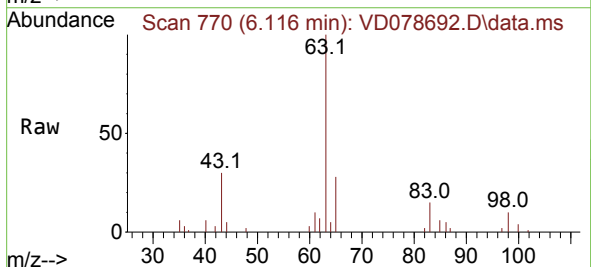
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBSD01

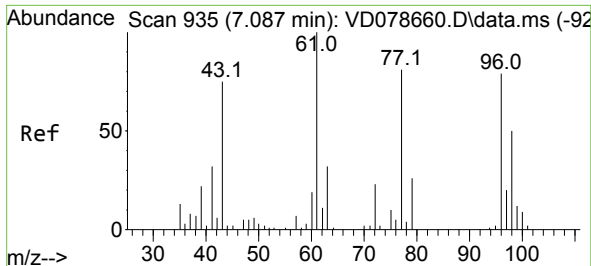
Tgt Ion: 43 Resp: 157411
 Ion Ratio Lower Upper
 43 100
 86 14.7 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 18.754 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078692.D
 Acq: 18 Mar 2024 12:54

Tgt Ion: 63 Resp: 42494
 Ion Ratio Lower Upper
 63 100
 98 9.7 4.0 11.9
 100 4.1 2.7 8.1

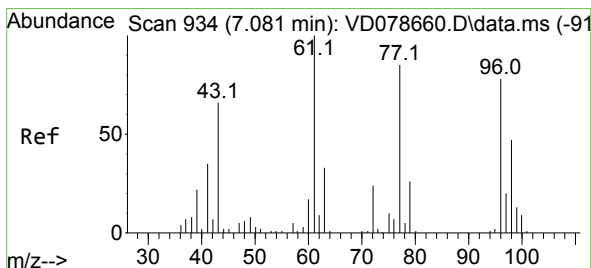
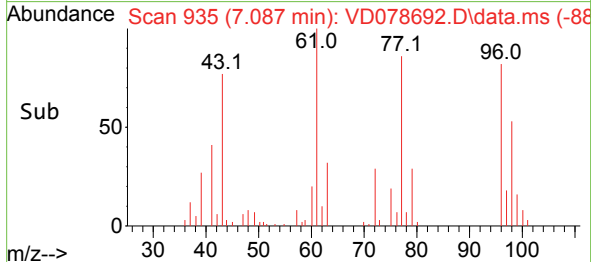
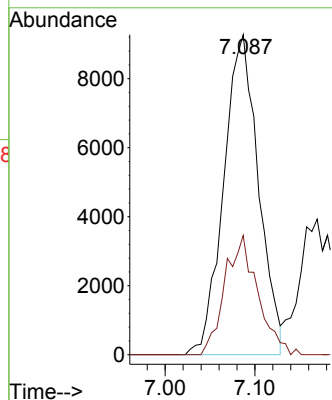
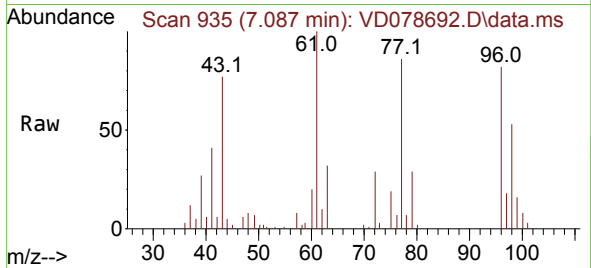




#25
2-Butanone
Concen: 89.084 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

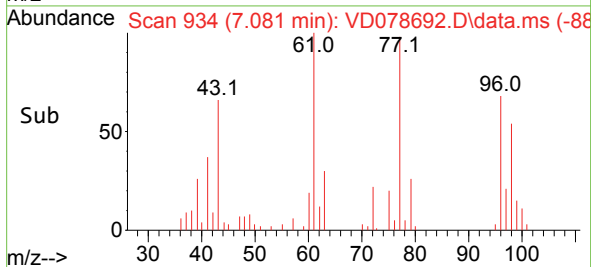
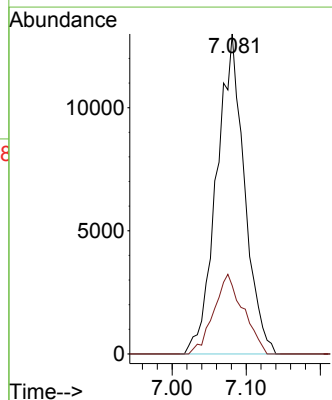
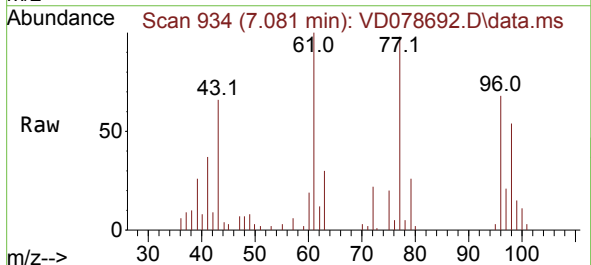
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

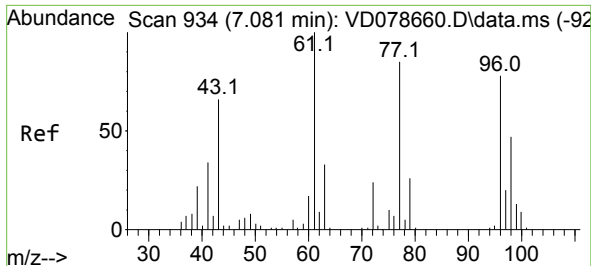
Tgt Ion: 43 Resp: 24990
Ion Ratio Lower Upper
43 100
72 37.2 25.0 37.6



#26
2,2-Dichloropropane
Concen: 17.723 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 77 Resp: 33976
Ion Ratio Lower Upper
77 100
97 26.4 12.4 37.0

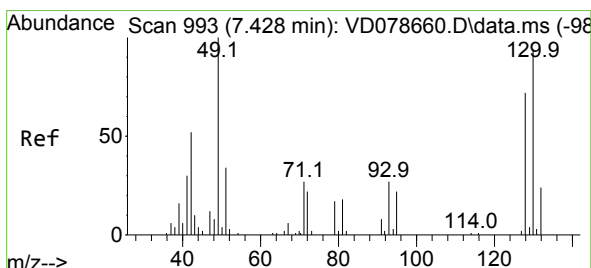
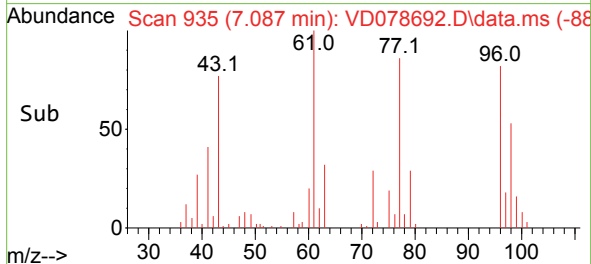
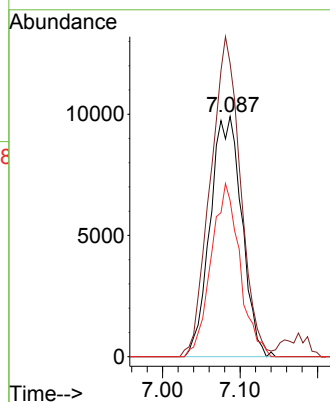
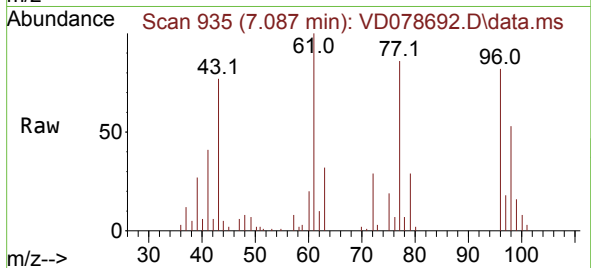




#27
 cis-1,2-Dichloroethene
 Concen: 17.502 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078692.D
 Acq: 18 Mar 2024 12:54

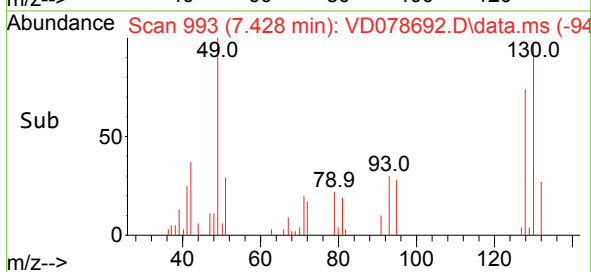
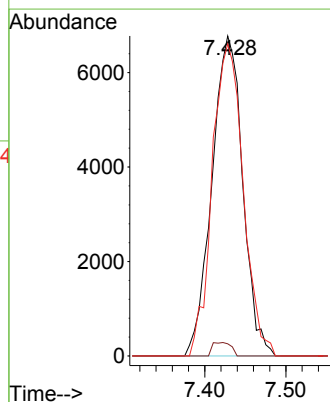
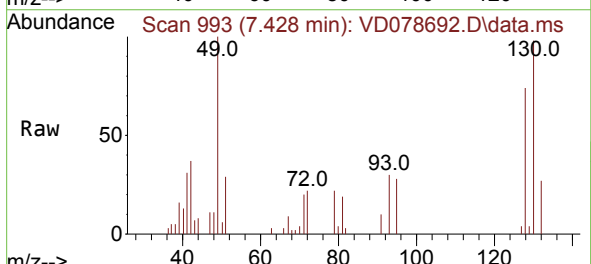
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBSD01

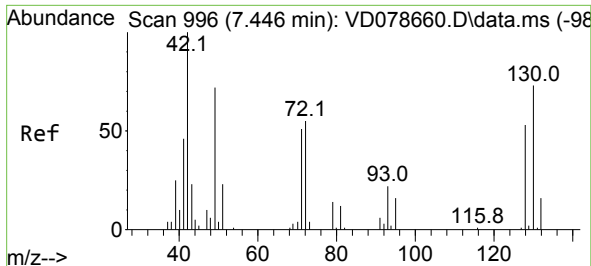
Tgt Ion: 96	Resp:	28060
Ion	Ratio	Lower Upper
96	100	
61	127.0	0.0 245.0
98	65.6	0.0 126.6



#28
 Bromochloromethane
 Concen: 22.103 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078692.D
 Acq: 18 Mar 2024 12:54

Tgt Ion: 49	Resp:	17855
Ion	Ratio	Lower Upper
49	100	
129	2.6	0.0 6.2
130	98.1	77.1 115.7





#29

Tetrahydrofuran

Concen: 88.040 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

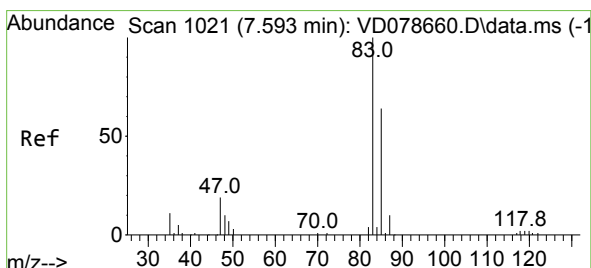
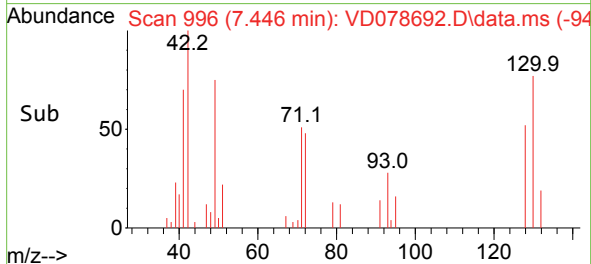
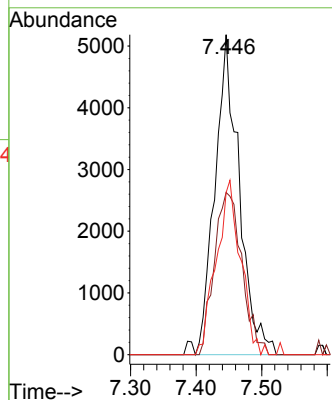
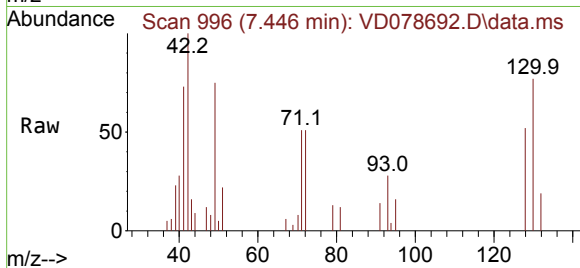
Tgt Ion: 42 Resp: 13433

Ion Ratio Lower Upper

42 100

72 57.5 43.8 65.6

71 54.3 42.0 63.0



#30

Chloroform

Concen: 18.010 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD078692.D

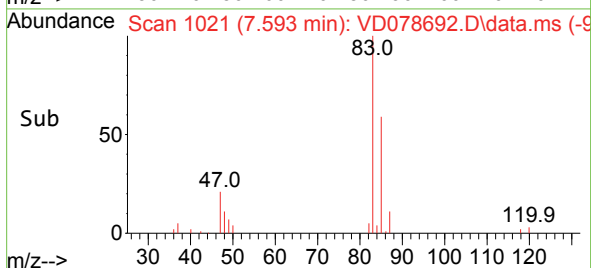
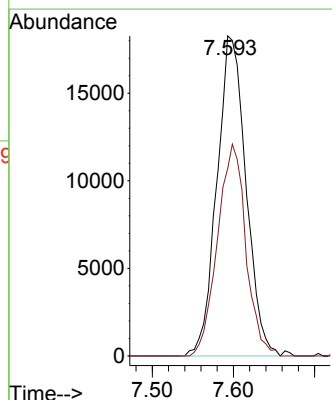
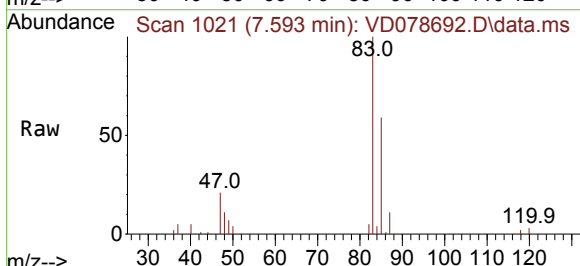
Acq: 18 Mar 2024 12:54

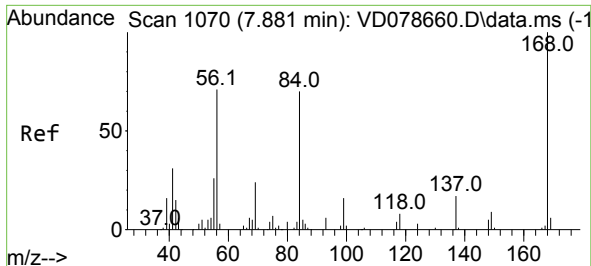
Tgt Ion: 83 Resp: 45500

Ion Ratio Lower Upper

83 100

85 58.6 51.2 76.8

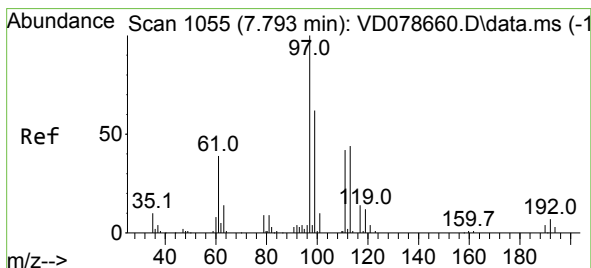
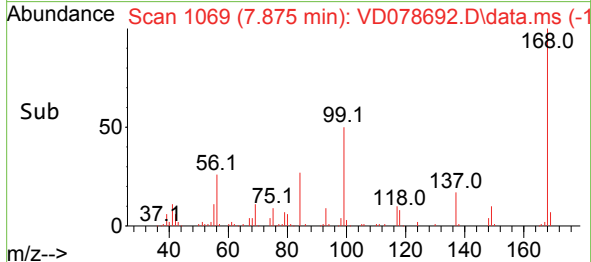
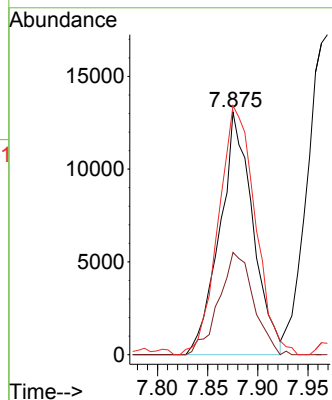
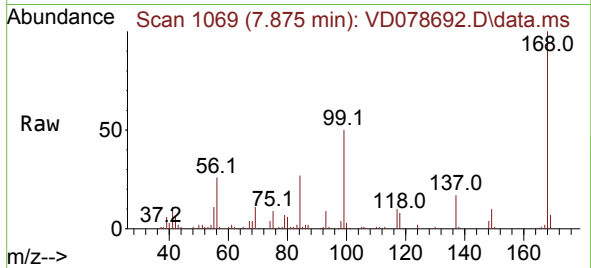




#31
Cyclohexane
Concen: 16.359 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

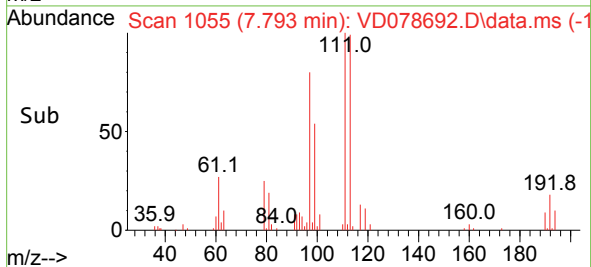
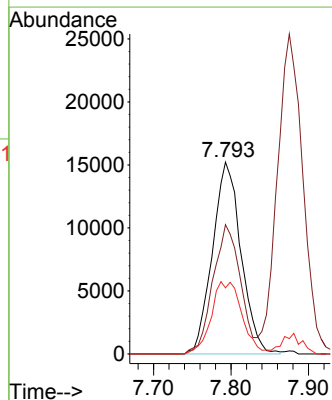
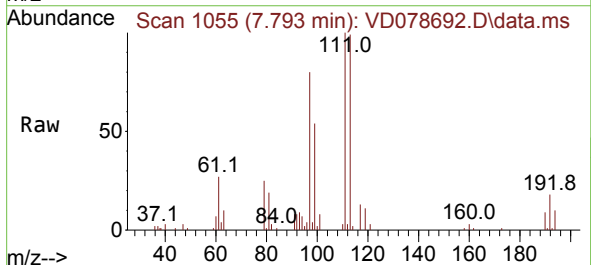
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

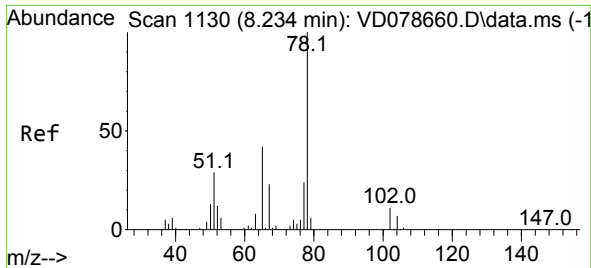
Tgt Ion: 56 Resp: 30003
Ion Ratio Lower Upper
56 100
69 42.1 26.6 40.0#
84 102.7 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 18.179 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 97 Resp: 38966
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 40.6 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 54.936 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

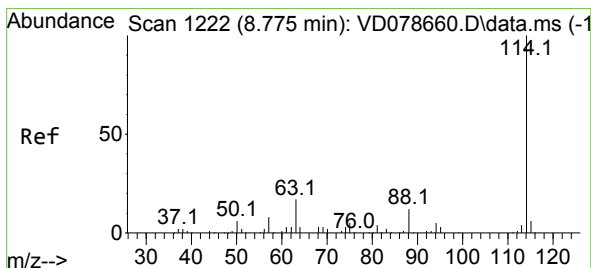
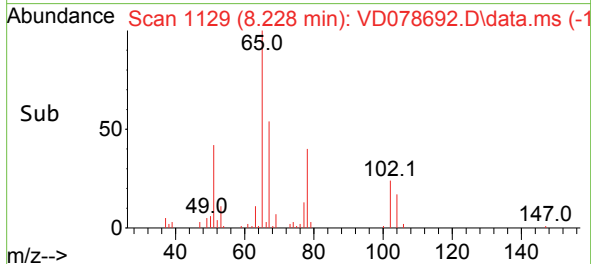
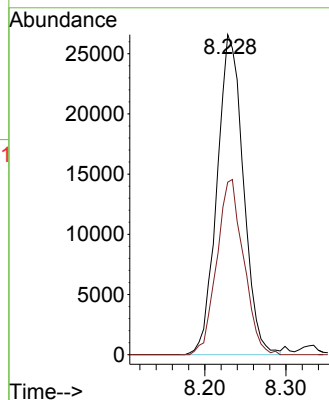
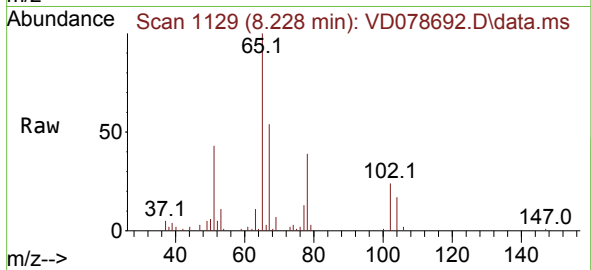
VD0318SBS01

Tgt Ion: 65 Resp: 59943

Ion Ratio Lower Upper

65 100

67 55.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

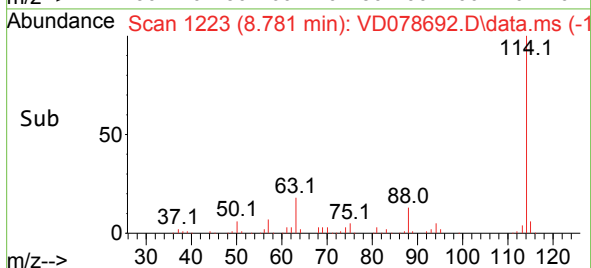
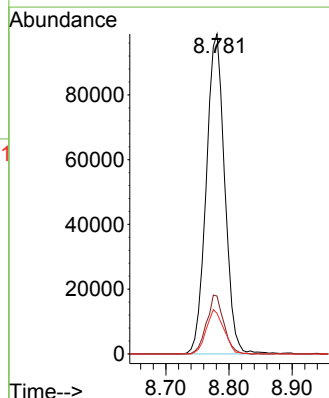
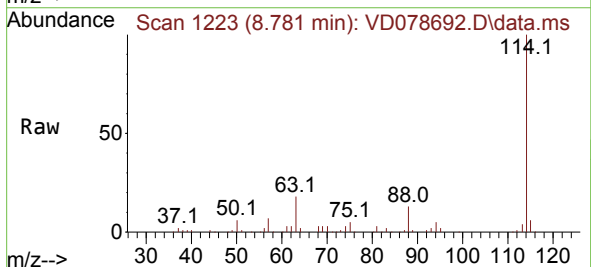
Tgt Ion: 114 Resp: 200288

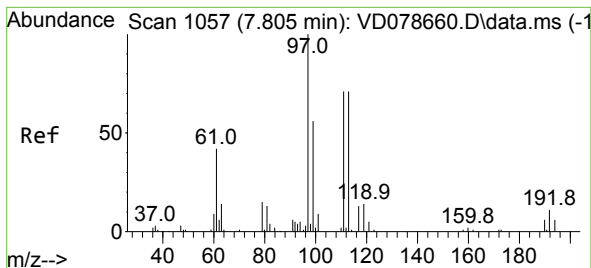
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 12.7 0.0 24.6





#35

Dibromofluoromethane

Concen: 54.344 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

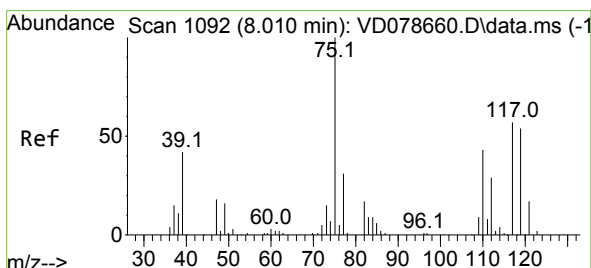
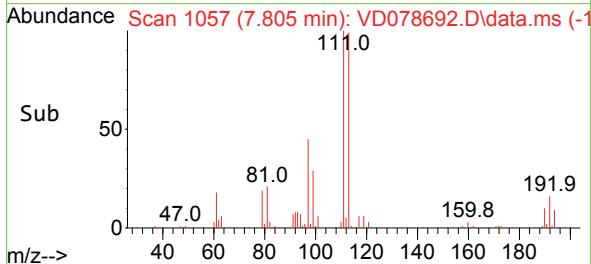
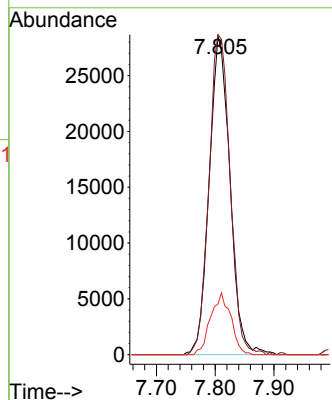
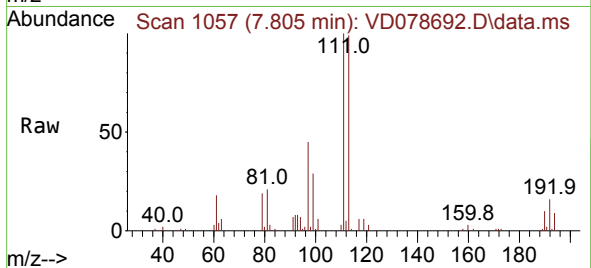
Tgt Ion:113 Resp: 70080

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 18.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 17.066 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

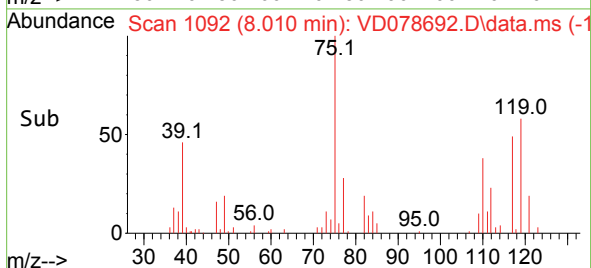
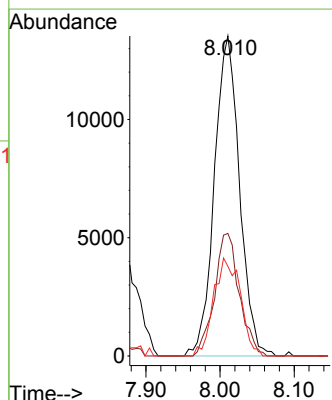
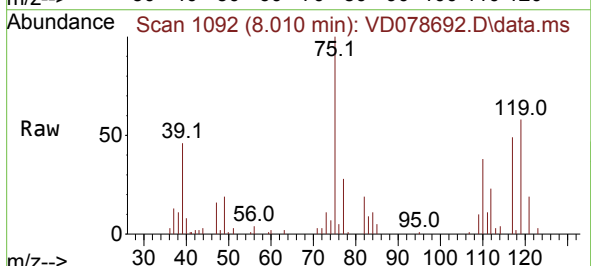
Tgt Ion: 75 Resp: 31931

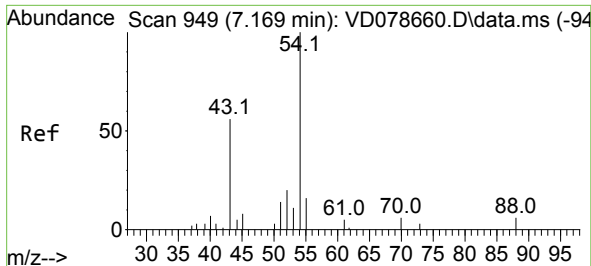
Ion Ratio Lower Upper

75 100

110 37.6 19.1 57.1

77 32.6 25.4 38.2





#37

Ethyl Acetate

Concen: 17.859 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

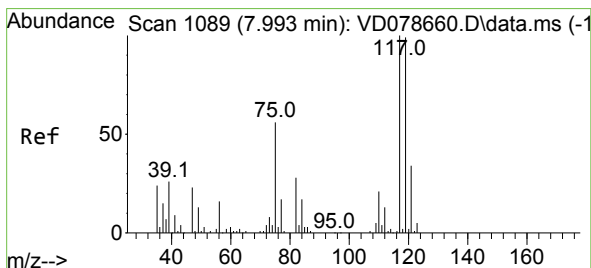
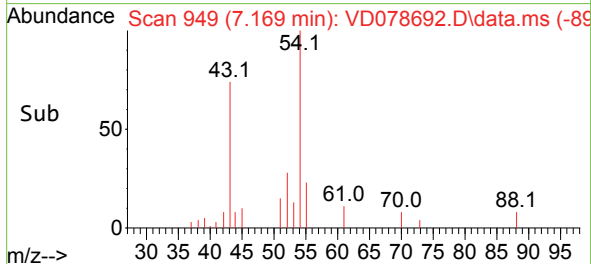
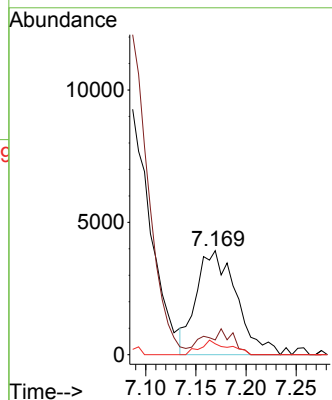
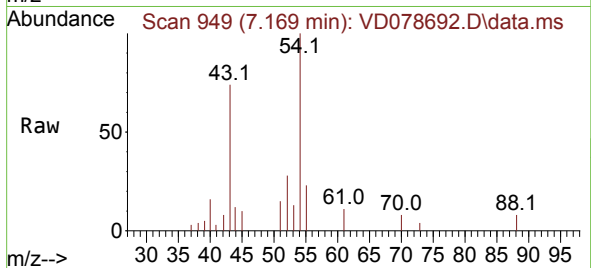
Tgt Ion: 43 Resp: 10916

Ion Ratio Lower Upper

43 100

61 17.9 14.6 21.8

70 9.6 9.4 14.0



#38

Carbon Tetrachloride

Concen: 17.318 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

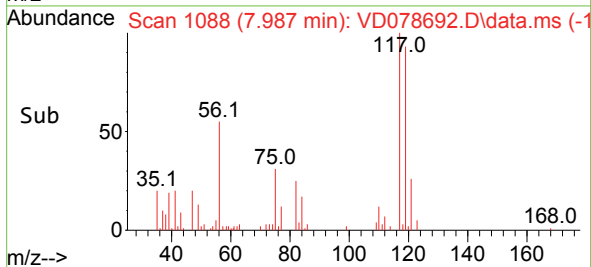
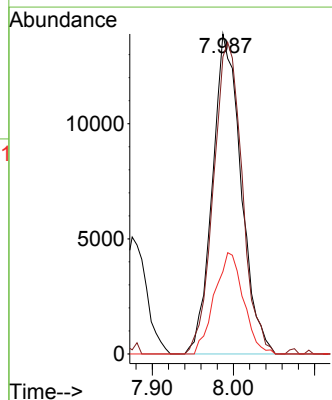
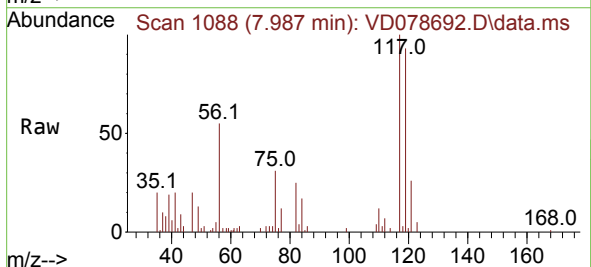
Tgt Ion: 117 Resp: 34161

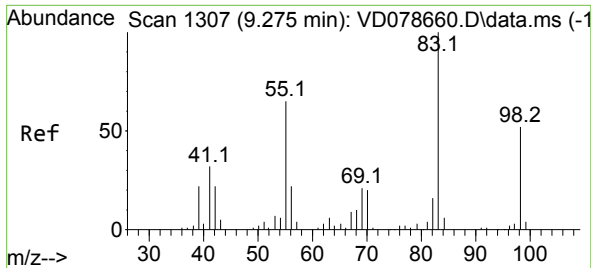
Ion Ratio Lower Upper

117 100

119 92.8 79.2 118.8

121 25.8 26.8 40.2#





#39

Methylcyclohexane

Concen: 16.395 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

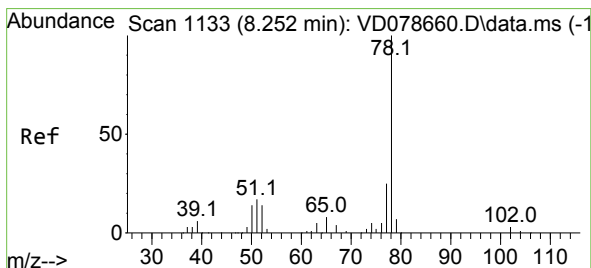
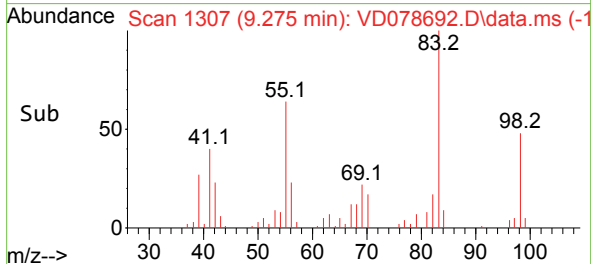
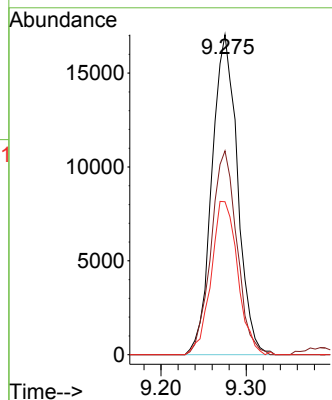
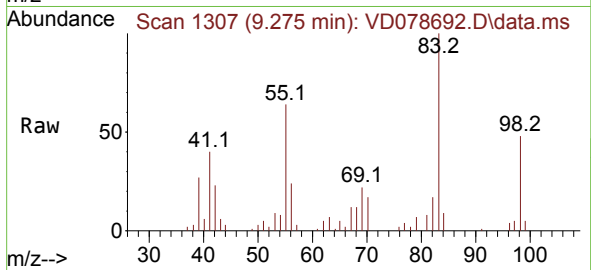
Tgt Ion: 83 Resp: 35586

Ion Ratio Lower Upper

83 100

55 63.7 51.7 77.5

98 47.8 41.4 62.0



#40

Benzene

Concen: 17.247 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078692.D

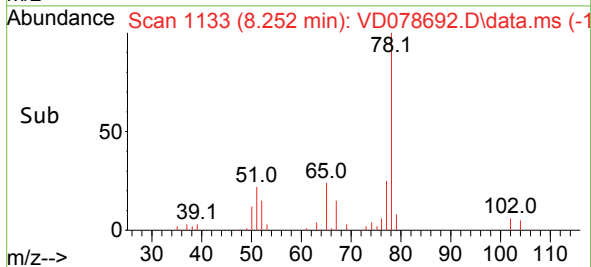
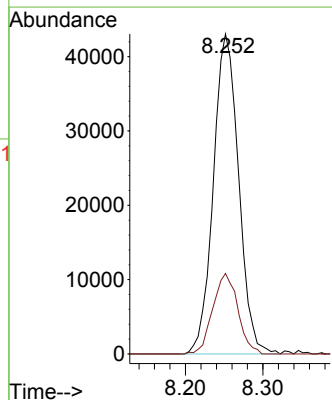
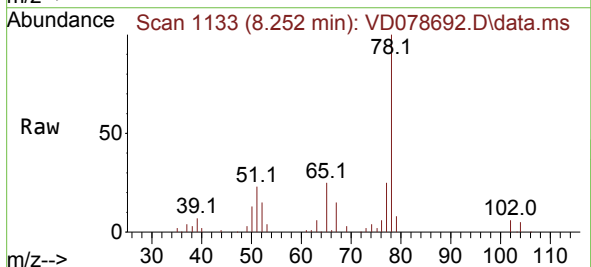
Acq: 18 Mar 2024 12:54

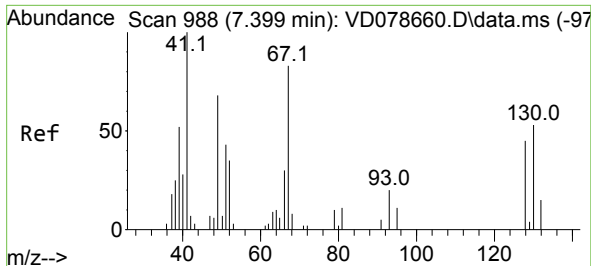
Tgt Ion: 78 Resp: 97547

Ion Ratio Lower Upper

78 100

77 25.2 20.4 30.6

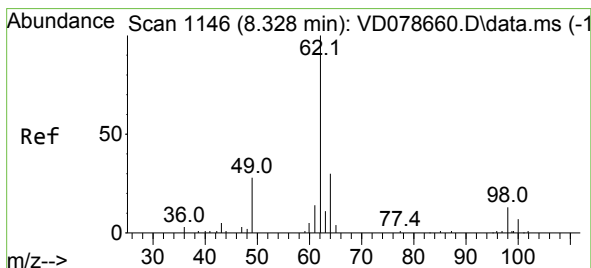
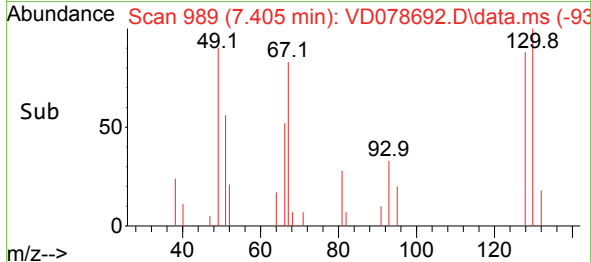
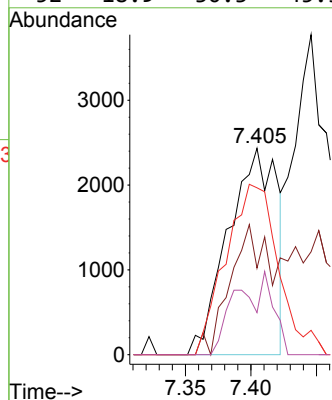
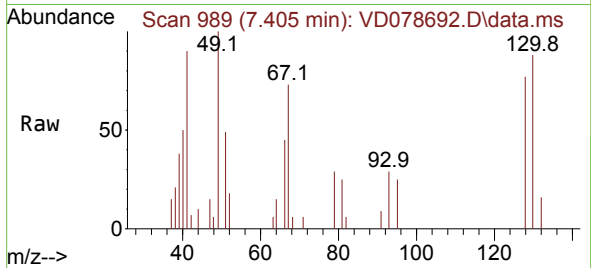




#41
Methacrylonitrile
Concen: 19.662 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

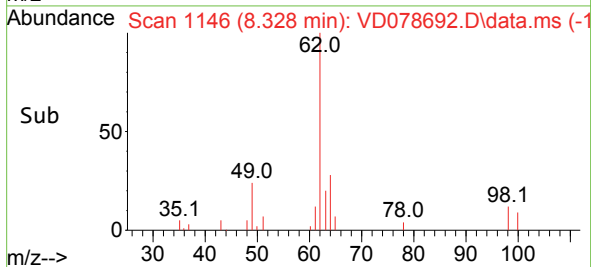
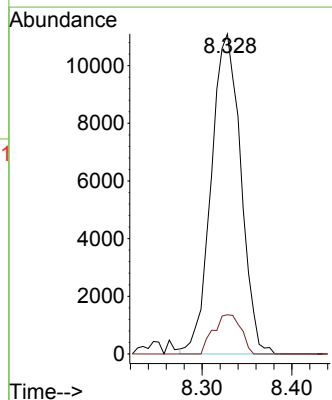
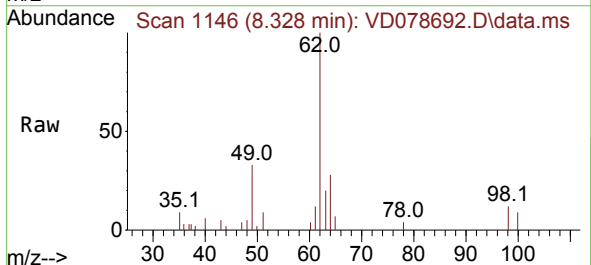
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

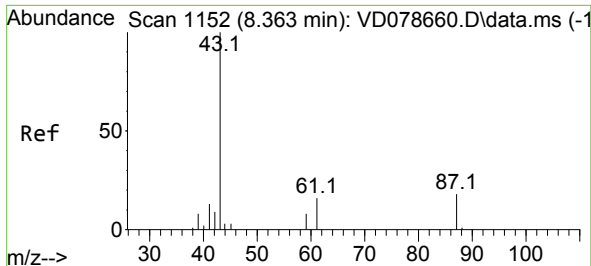
Tgt Ion: 41 Resp: 6298
Ion Ratio Lower Upper
41 100
39 47.7 39.8 59.6
67 89.0 83.5 125.3
52 18.9 30.3 45.5#



#42
1,2-Dichloroethane
Concen: 18.416 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 62 Resp: 25401
Ion Ratio Lower Upper
62 100
98 11.4 0.0 23.8

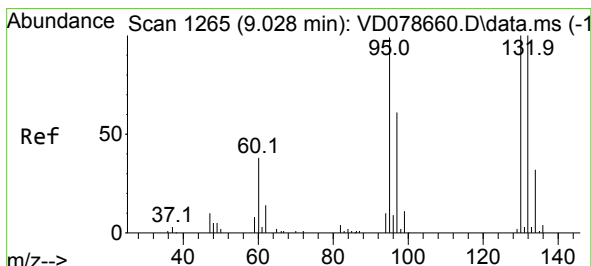
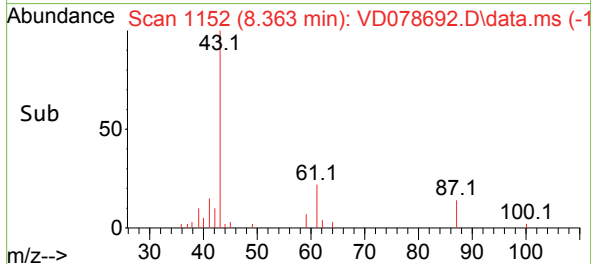
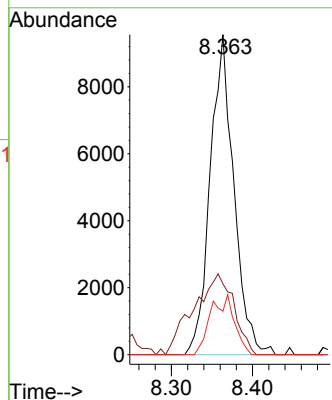
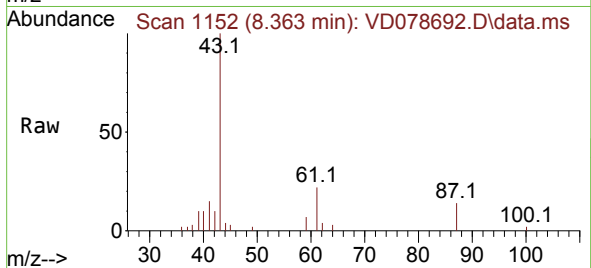




#43
Isopropyl Acetate
Concen: 17.412 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

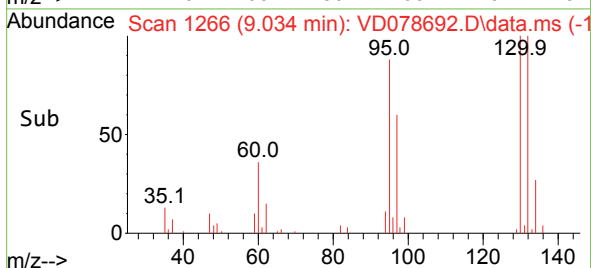
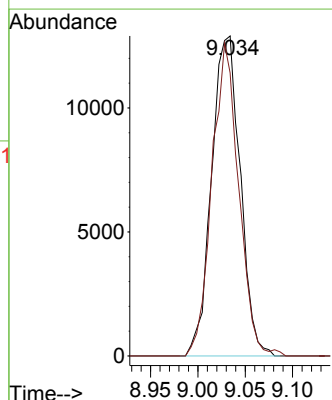
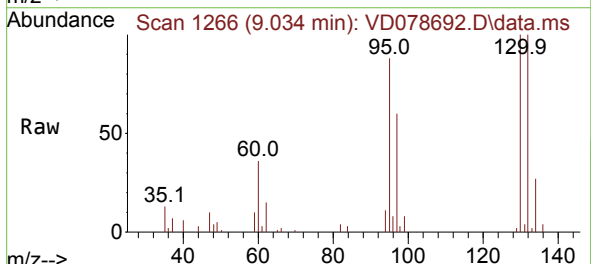
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

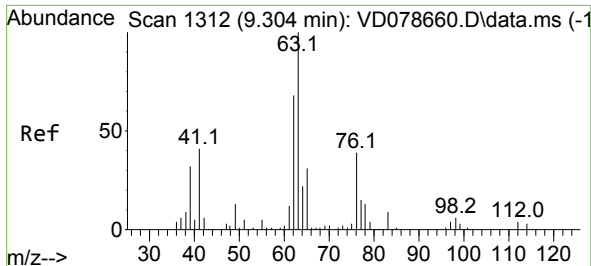
Tgt Ion:	43	Resp:	19355
Ion	Ratio	Lower	Upper
43	100		
61	43.2	30.1	45.1
87	18.8	14.4	21.6



#44
Trichloroethene
Concen: 17.679 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion:	130	Resp:	27136
Ion	Ratio	Lower	Upper
130	100		
95	88.4	0.0	197.8





#45

1,2-Dichloropropane

Concen: 18.172 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

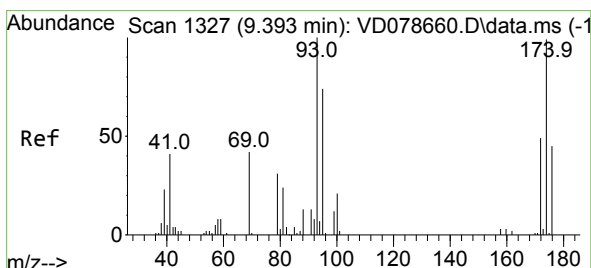
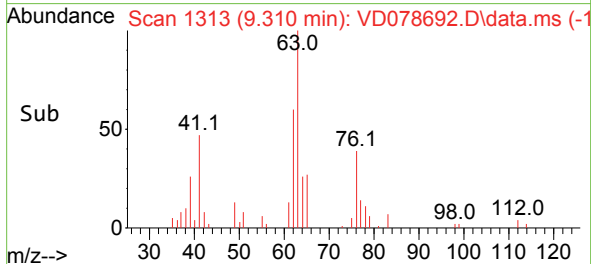
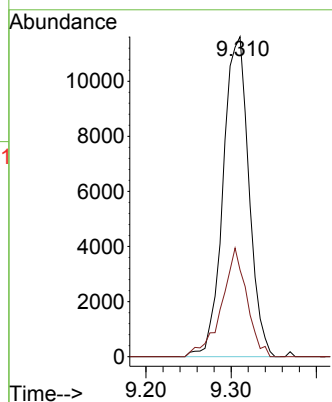
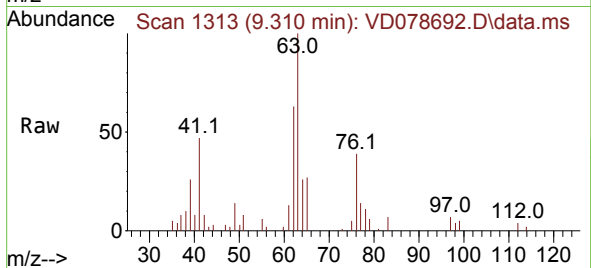
VD0318SBS01

Tgt Ion: 63 Resp: 24382

Ion Ratio Lower Upper

63 100

65 27.1 24.8 37.2



#46

Dibromomethane

Concen: 17.154 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

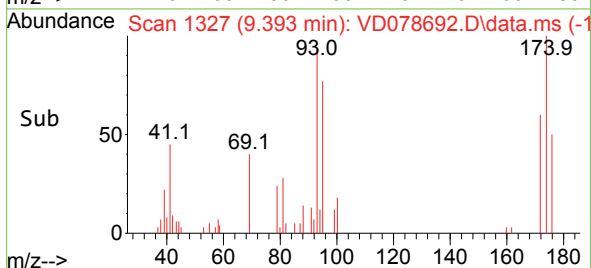
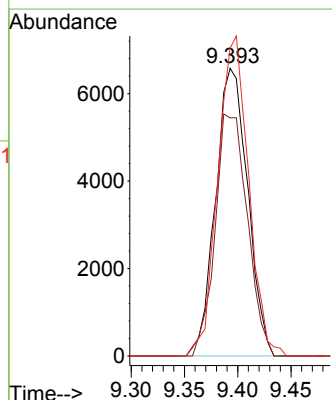
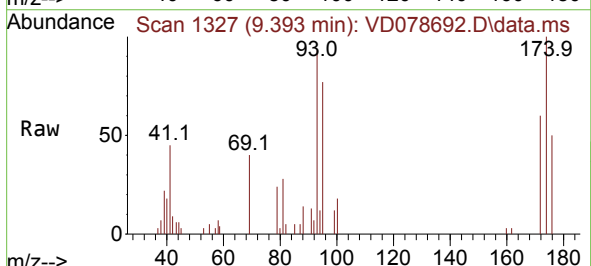
Tgt Ion: 93 Resp: 13797

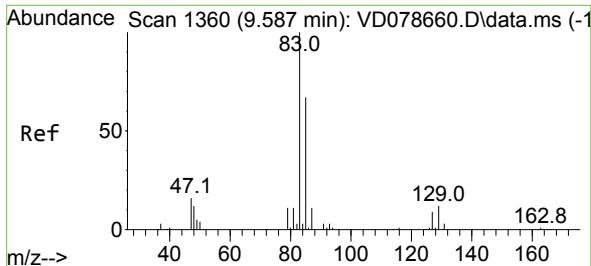
Ion Ratio Lower Upper

93 100

95 84.3 67.3 100.9

174 106.4 80.9 121.3





#47

Bromodichloromethane

Concen: 18.961 ug/l

RT: 9.581 min Scan# 1360

Delta R.T. -0.006 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

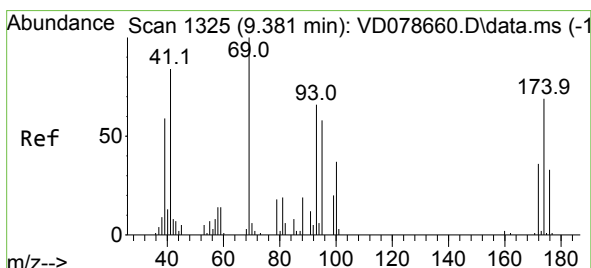
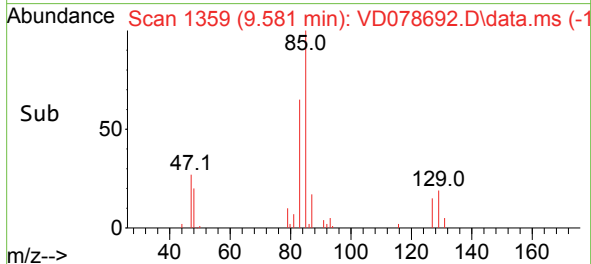
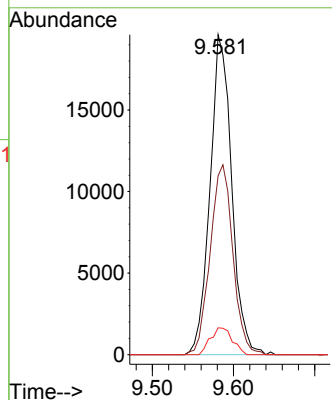
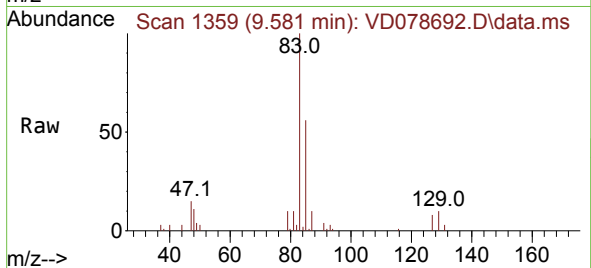
Tgt Ion: 83 Resp: 36304

Ion Ratio Lower Upper

83 100

85 55.9 54.0 81.0

127 8.4 7.1 10.7



#48

Methyl methacrylate

Concen: 16.782 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

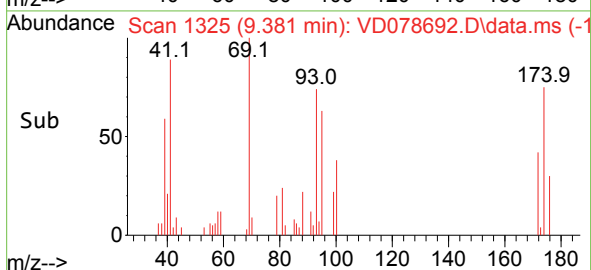
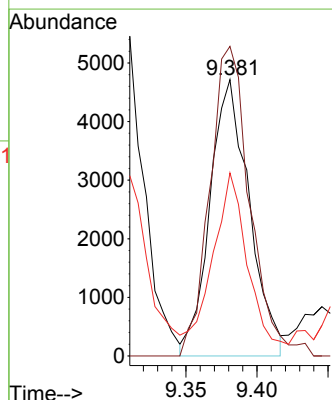
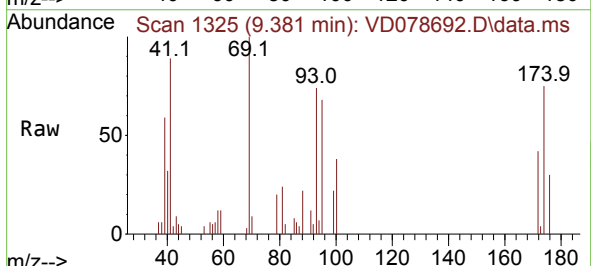
Tgt Ion: 41 Resp: 9090

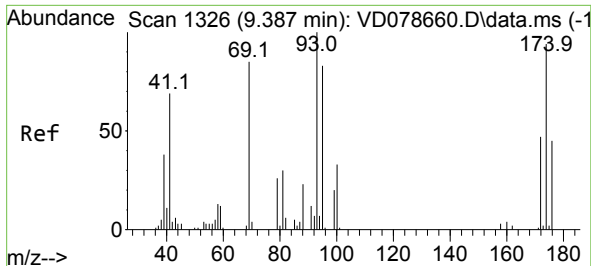
Ion Ratio Lower Upper

41 100

69 114.1 88.3 132.5

39 61.1 46.6 69.8





#49

1,4-Dioxane

Concen: 318.660 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBSD01

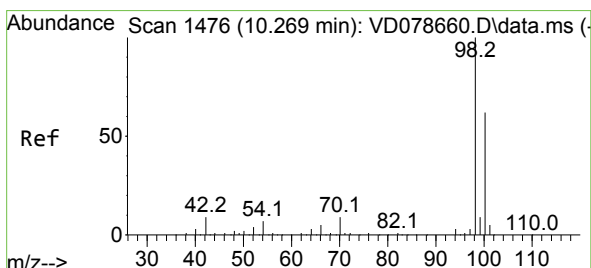
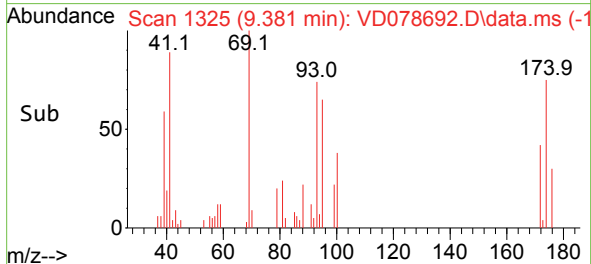
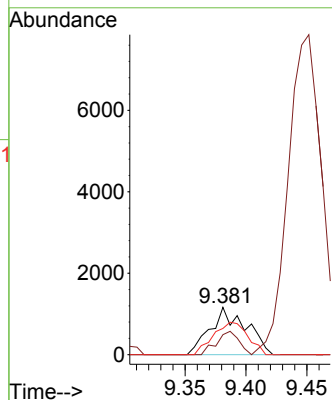
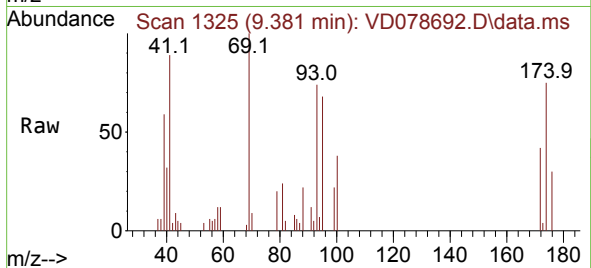
Tgt Ion: 88 Resp: 2373

Ion Ratio Lower Upper

88 100

43 30.8 23.2 34.8

58 65.7 51.0 76.6



#50

Toluene-d8

Concen: 55.258 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078692.D

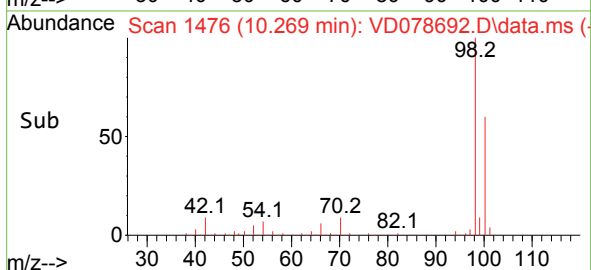
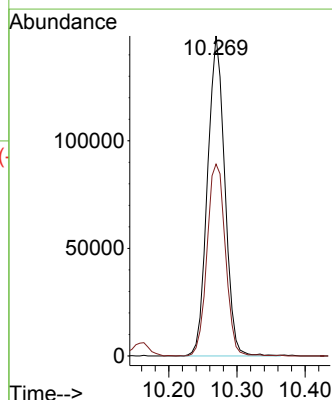
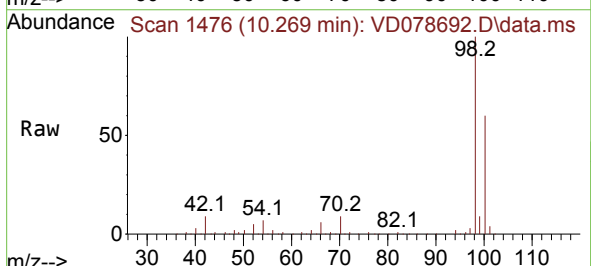
Acq: 18 Mar 2024 12:54

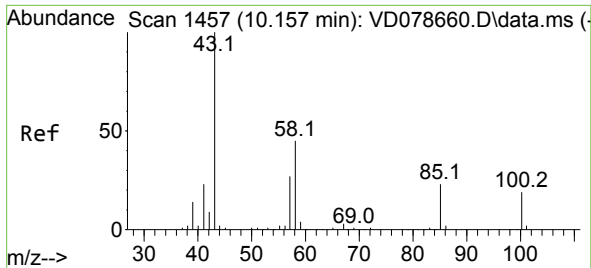
Tgt Ion: 98 Resp: 262067

Ion Ratio Lower Upper

98 100

100 63.8 50.5 75.7

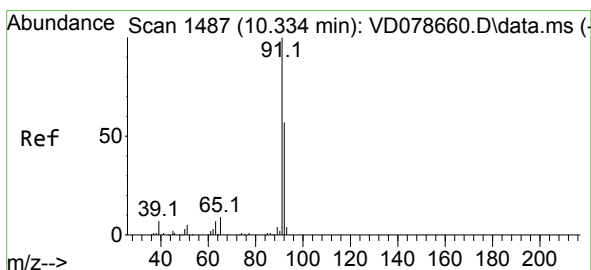
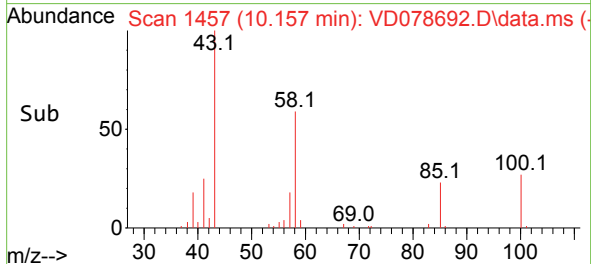
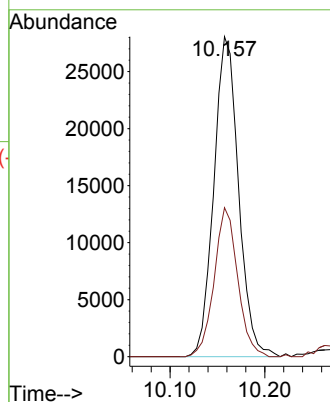
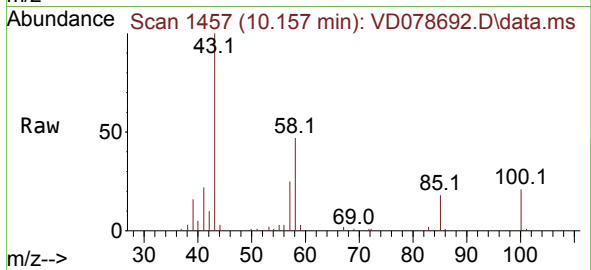




#51
4-Methyl-2-Pentanone
Concen: 87.517 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

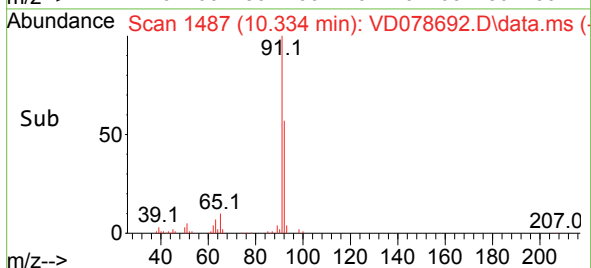
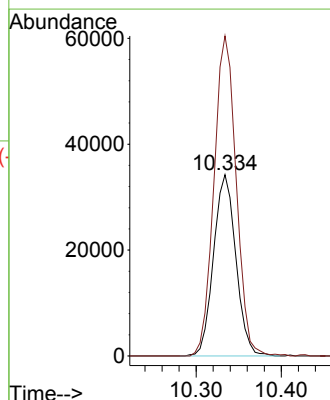
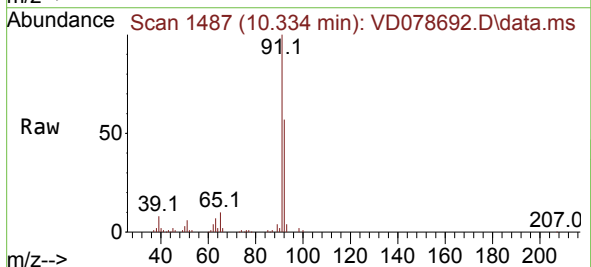
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

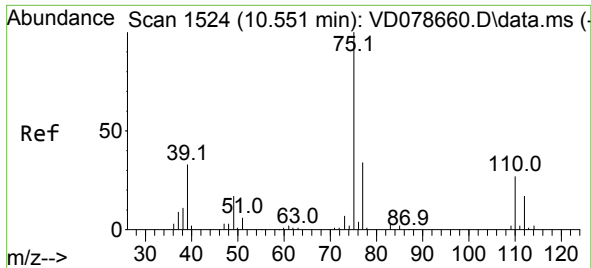
Tgt Ion: 43 Resp: 50860
Ion Ratio Lower Upper
43 100
58 44.3 36.4 54.6



#52
Toluene
Concen: 17.133 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 92 Resp: 62389
Ion Ratio Lower Upper
92 100
91 176.1 136.6 205.0

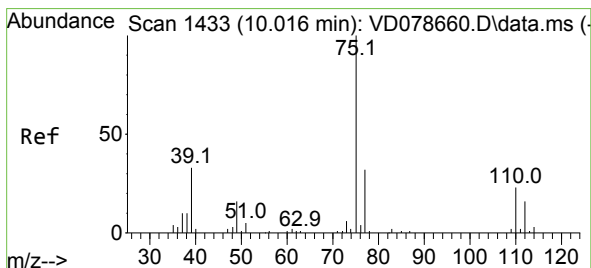
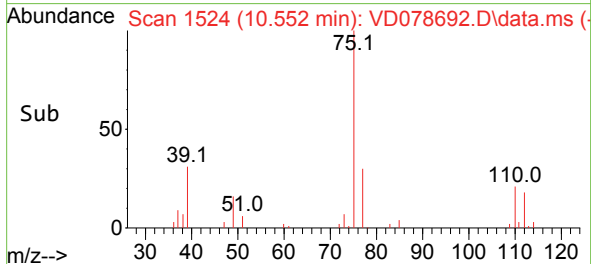
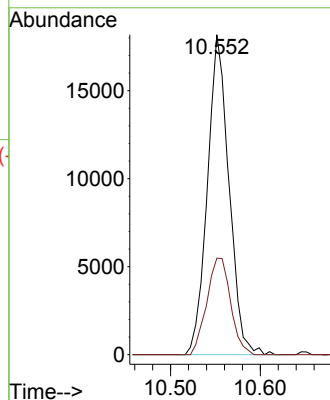
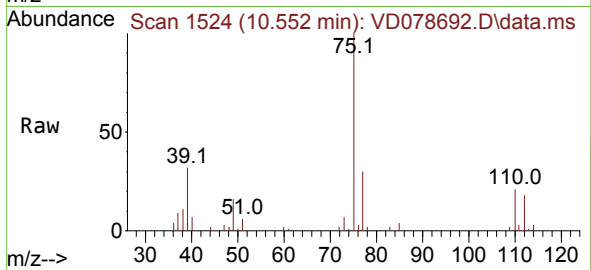




#53
t-1,3-Dichloropropene
Concen: 17.336 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

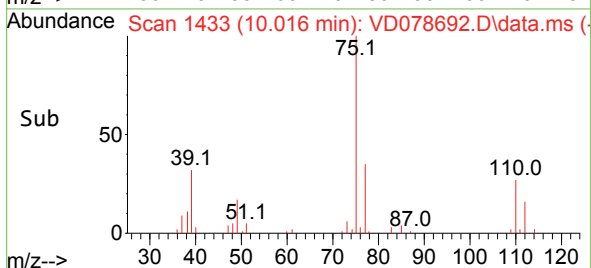
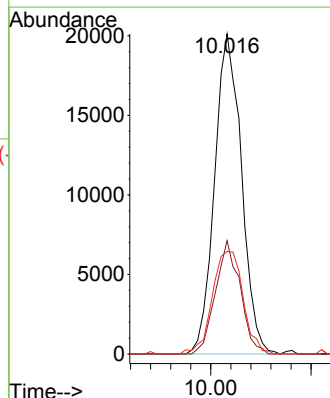
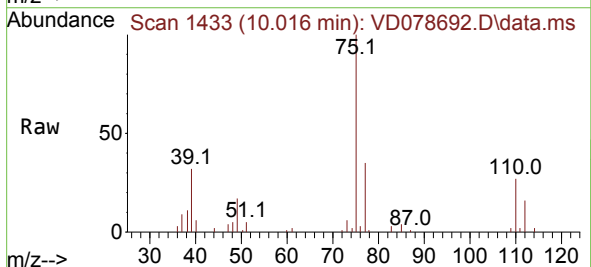
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

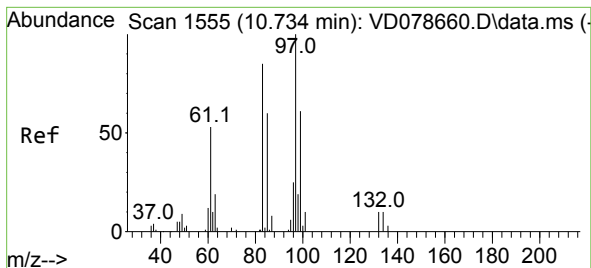
Tgt Ion: 75 Resp: 30349
Ion Ratio Lower Upper
75 100
77 30.2 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 17.796 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 75 Resp: 37452
Ion Ratio Lower Upper
75 100
77 35.4 25.4 38.0
39 32.0 26.7 40.1

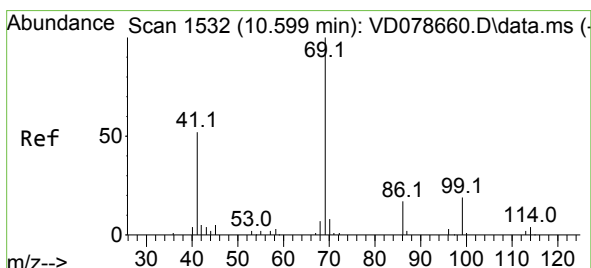
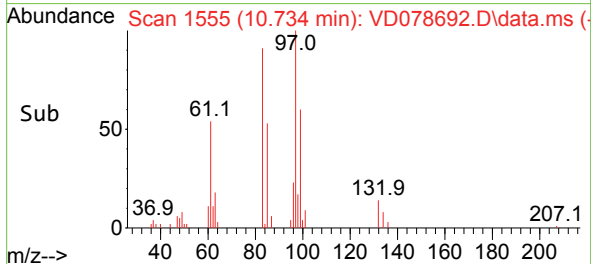
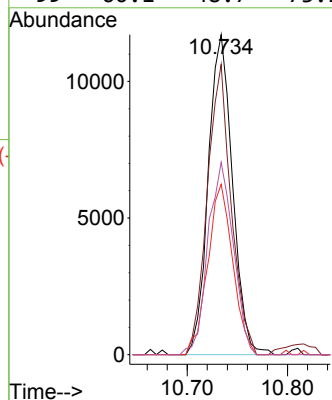
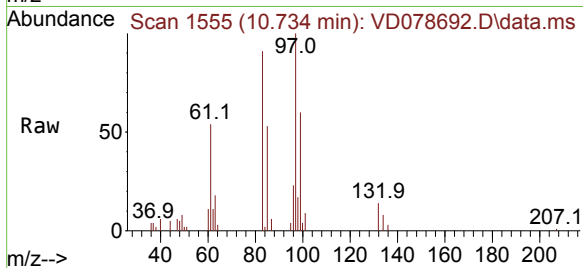




#55
1,1,2-Trichloroethane
Concen: 18.267 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

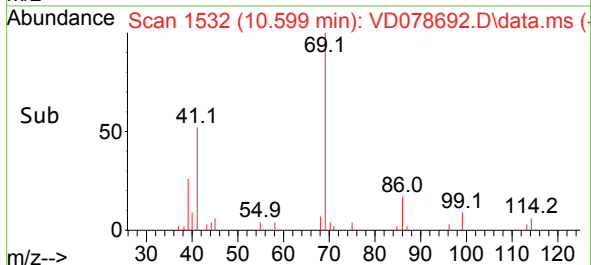
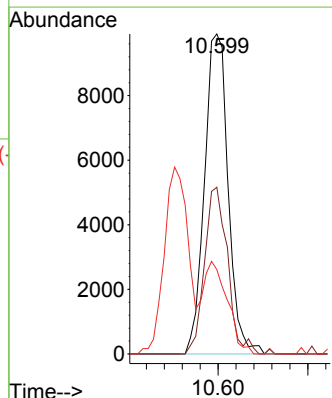
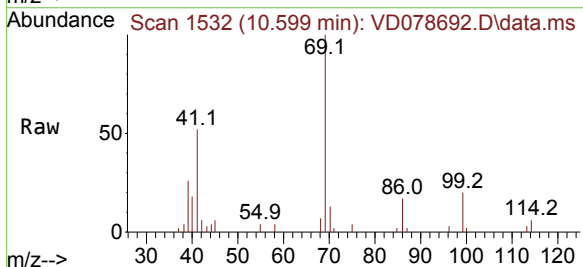
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

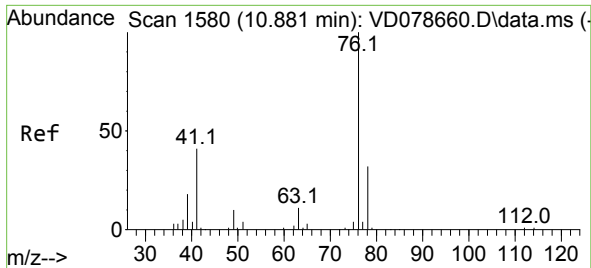
Tgt Ion:	97	Resp:	19674
Ion	Ratio	Lower	Upper
97	100		
83	90.7	68.1	102.1
85	53.3	48.2	72.2
99	60.1	48.7	73.1



#56
Ethyl methacrylate
Concen: 16.820 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion:	69	Resp:	18161
Ion	Ratio	Lower	Upper
69	100		
41	50.7	40.9	61.3
39	30.1	25.5	38.3

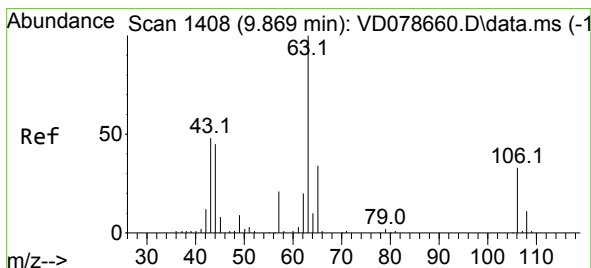
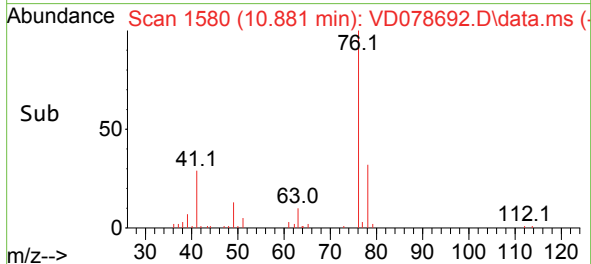
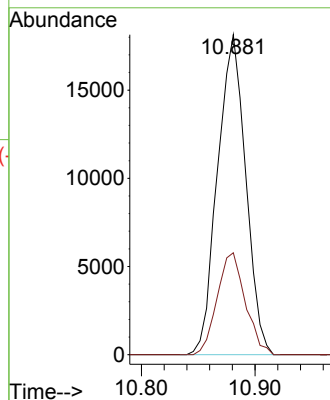
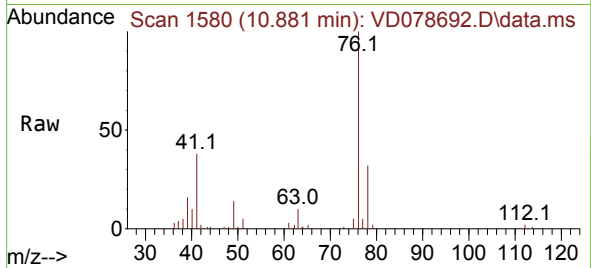




#57
1,3-Dichloropropane
Concen: 18.001 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

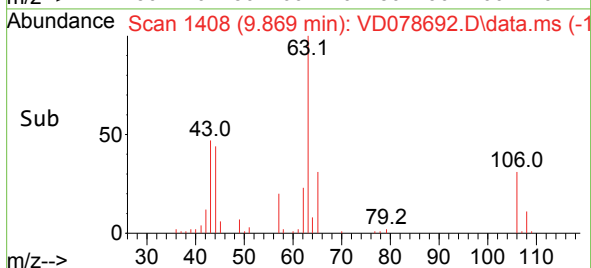
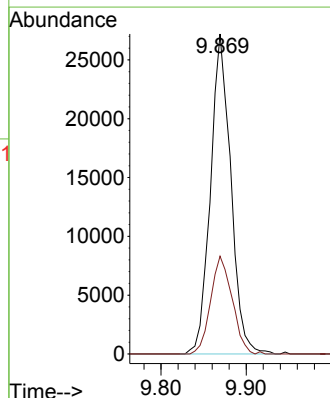
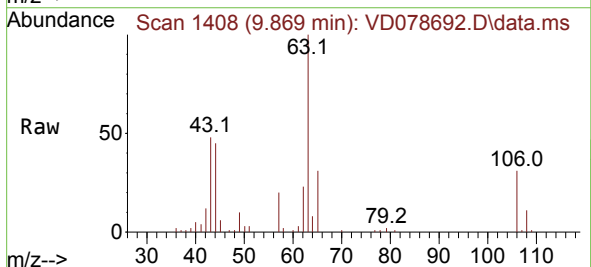
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

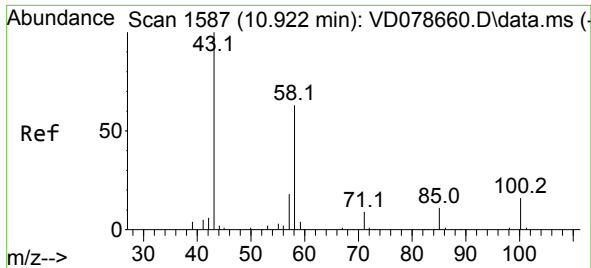
Tgt Ion: 76 Resp: 31283
Ion Ratio Lower Upper
76 100
78 31.8 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 94.615 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 63 Resp: 45045
Ion Ratio Lower Upper
63 100
106 32.4 25.2 37.8

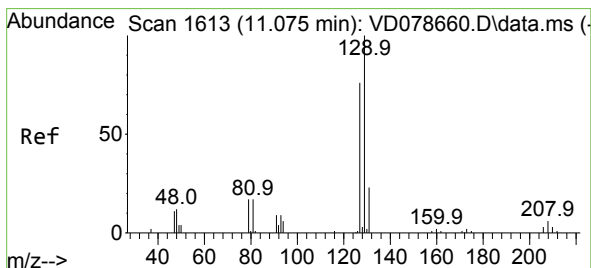
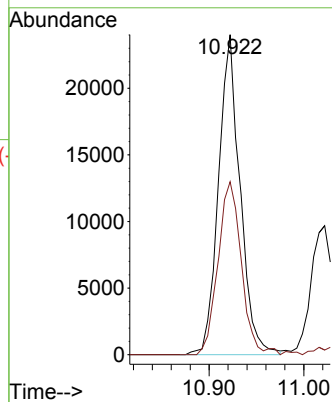
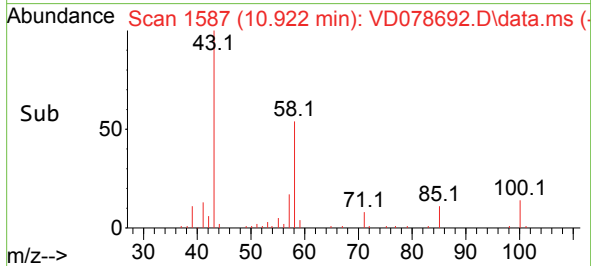
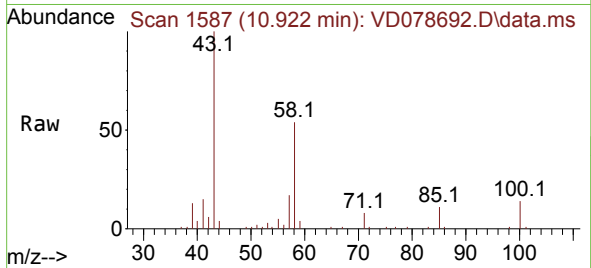




#59
2-Hexanone
Concen: 88.195 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

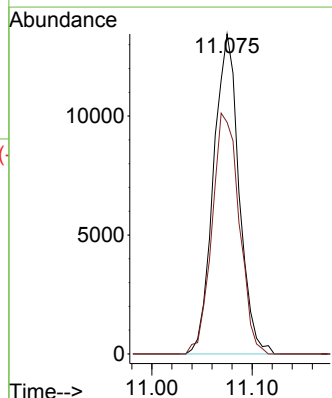
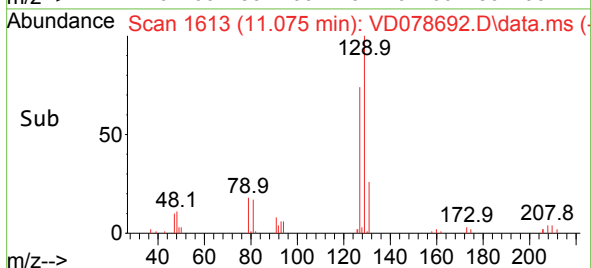
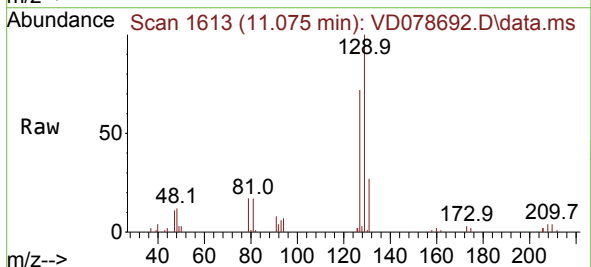
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

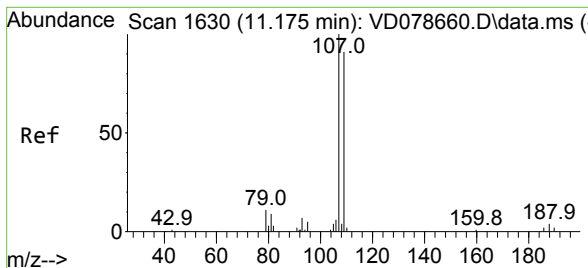
Tgt Ion: 43 Resp: 37995
Ion Ratio Lower Upper
43 100
58 58.5 31.5 94.5



#60
Dibromochloromethane
Concen: 17.920 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 129 Resp: 23802
Ion Ratio Lower Upper
129 100
127 79.9 38.8 116.3

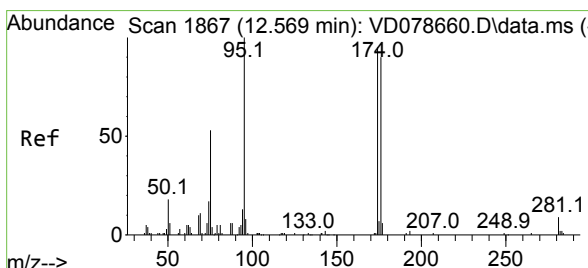
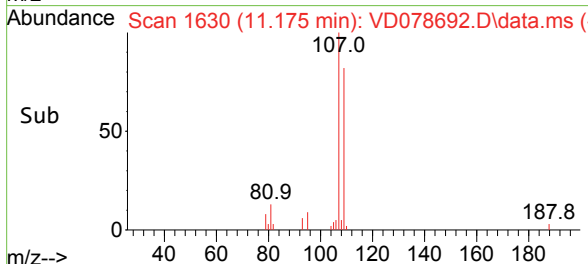
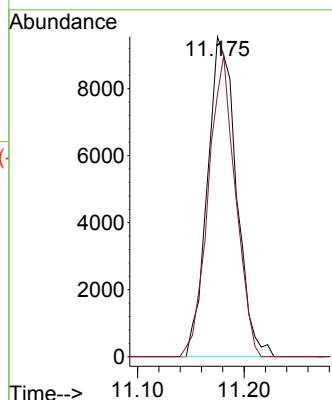
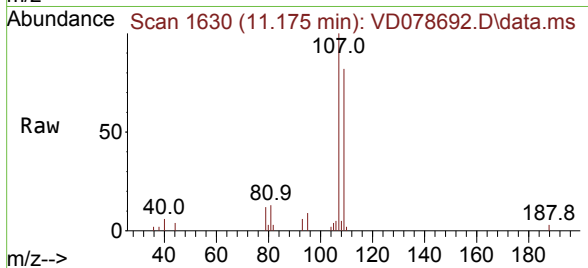




#61
1,2-Dibromoethane
Concen: 17.297 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

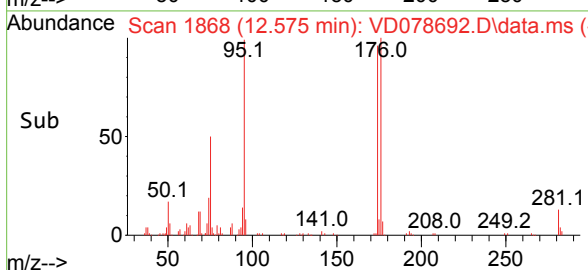
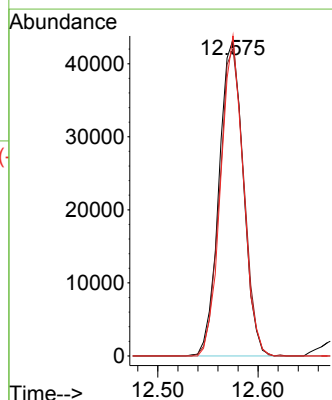
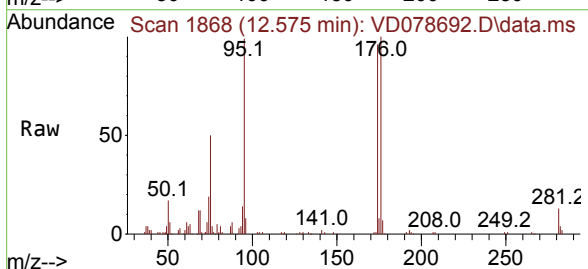
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

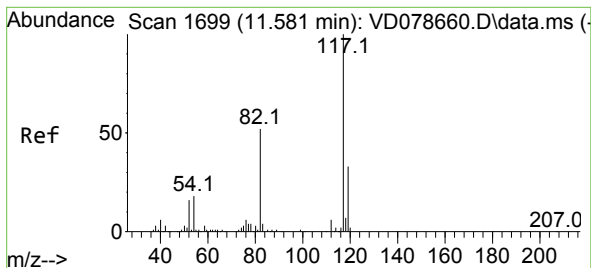
Tgt Ion:107 Resp: 18029
Ion Ratio Lower Upper
107 100
109 88.6 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 52.032 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 95 Resp: 72193
Ion Ratio Lower Upper
95 100
174 97.4 0.0 195.2
176 94.1 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

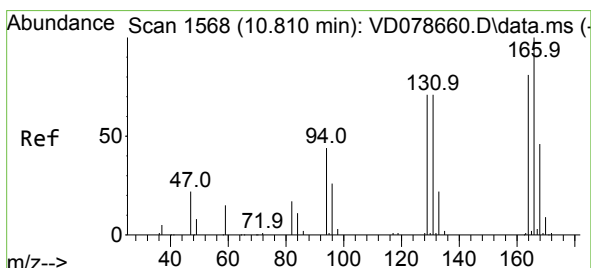
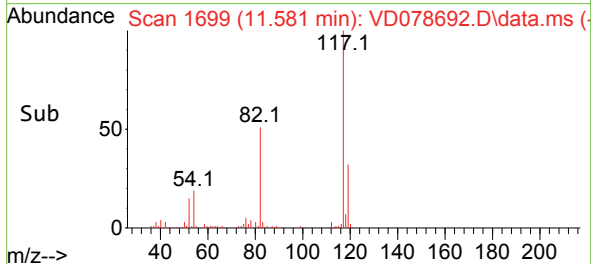
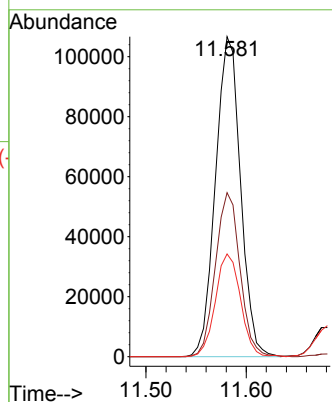
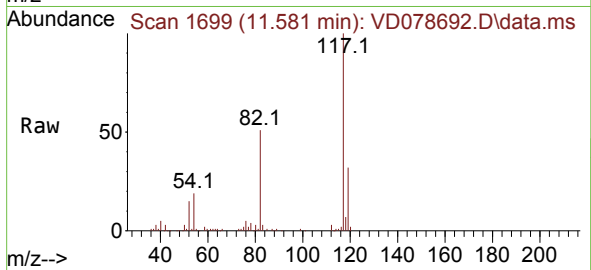
Tgt Ion:117 Resp: 184642

Ion Ratio Lower Upper

117 100

82 51.3 41.4 62.2

119 32.1 26.5 39.7



#64

Tetrachloroethene

Concen: 18.427 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Tgt Ion:164 Resp: 22516

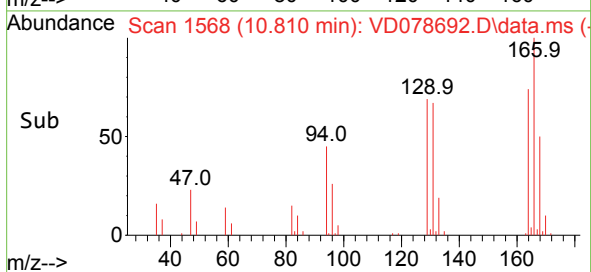
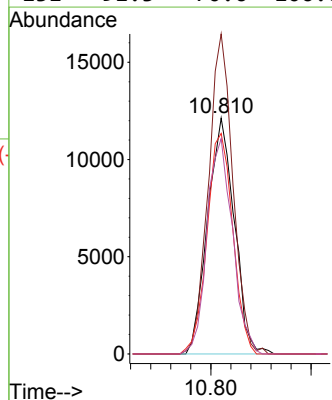
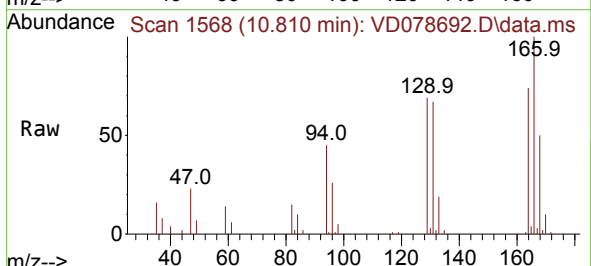
Ion Ratio Lower Upper

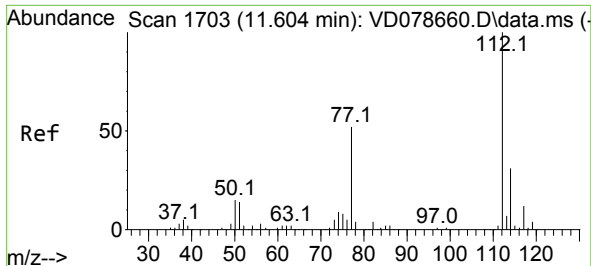
164 100

166 135.7 98.9 148.3

129 93.5 70.3 105.5

131 91.3 70.6 106.0

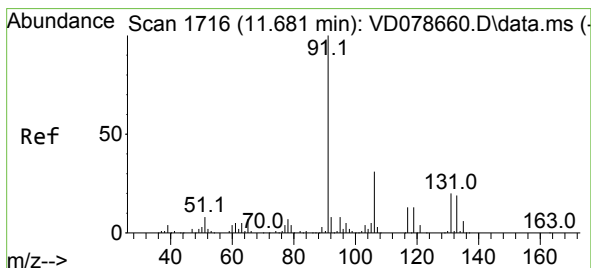
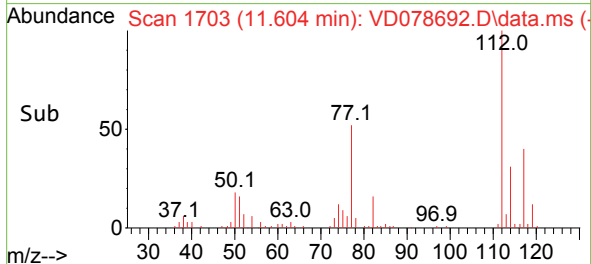
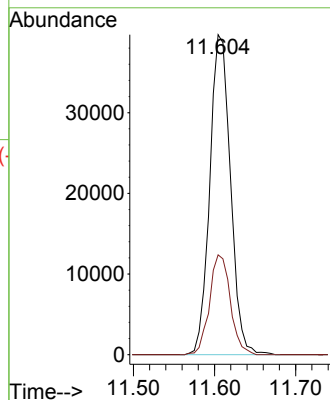
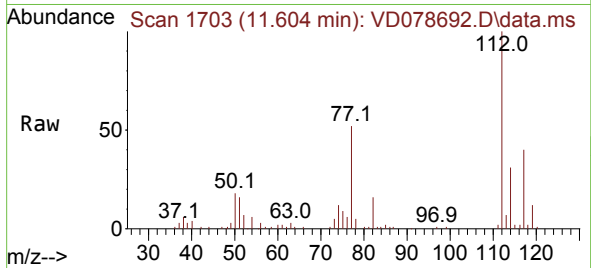




#65
Chlorobenzene
Concen: 18.201 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

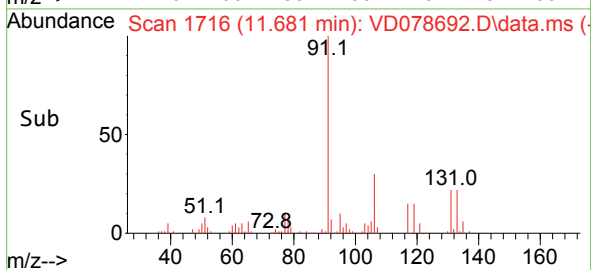
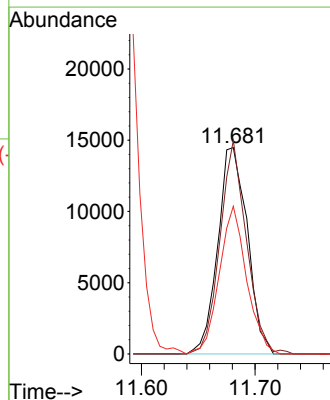
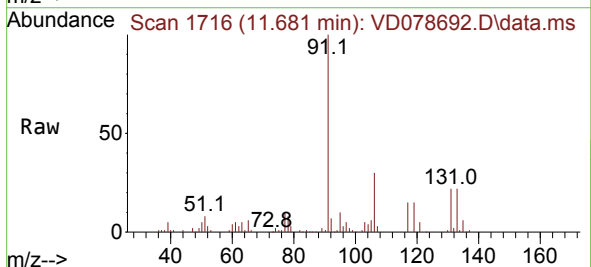
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

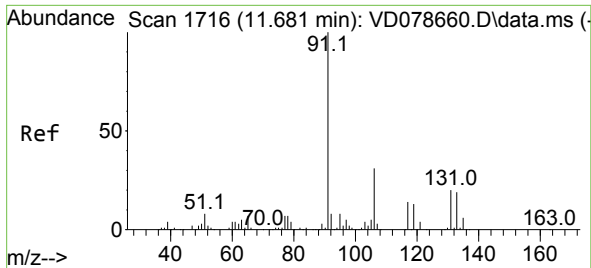
Tgt Ion:112 Resp: 70227
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.540 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion:131 Resp: 26198
Ion Ratio Lower Upper
131 100
133 92.9 47.6 142.9
119 66.1 34.1 102.3

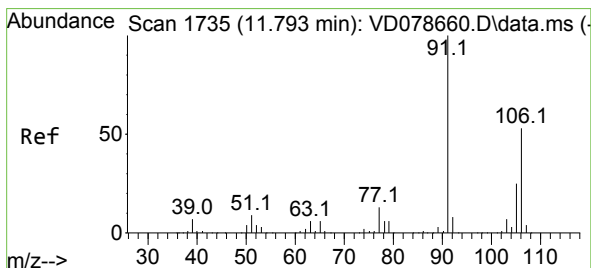
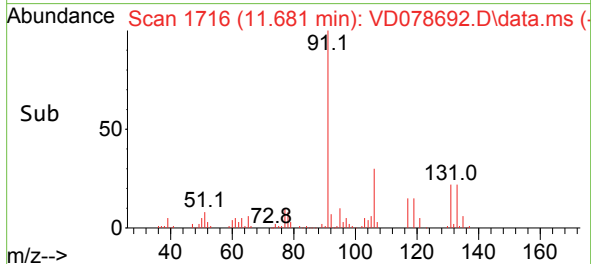
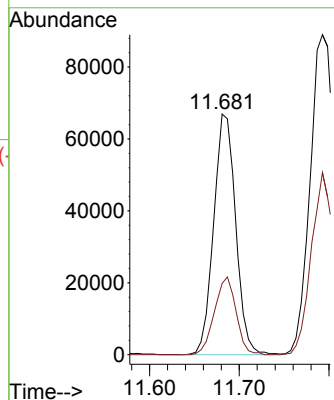
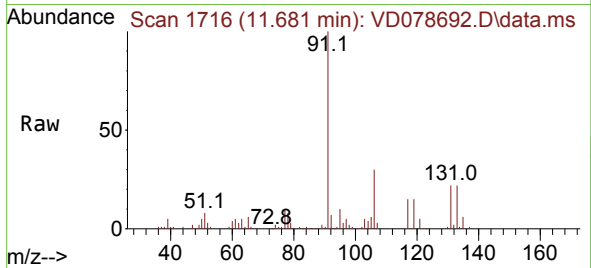




#67
Ethyl Benzene
Concen: 17.361 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

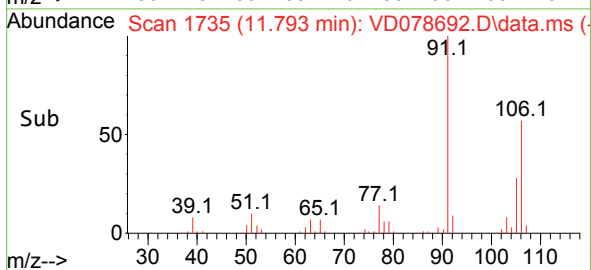
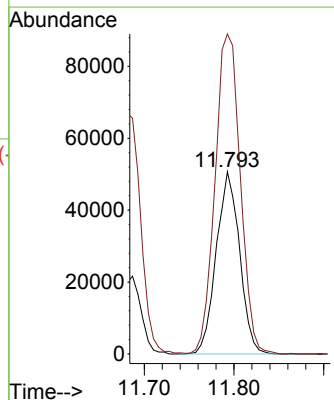
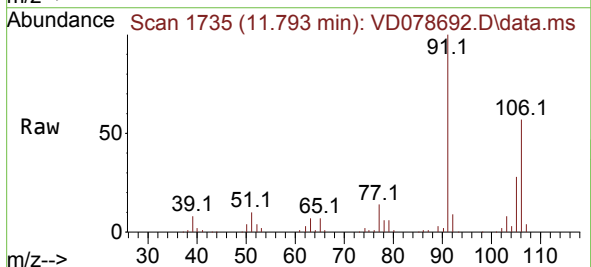
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

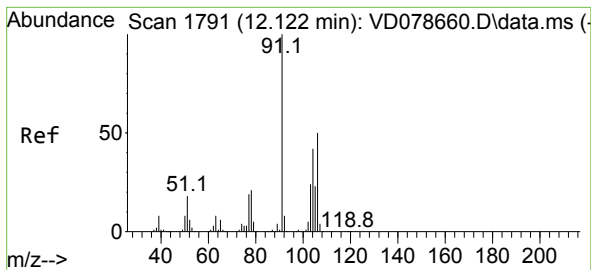
Tgt Ion: 91 Resp: 114146
Ion Ratio Lower Upper
91 100
106 29.6 24.5 36.7



#68
m/p-Xylenes
Concen: 34.241 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion:106 Resp: 91421
Ion Ratio Lower Upper
106 100
91 190.2 154.4 231.6





#69

o-Xylene

Concen: 16.531 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

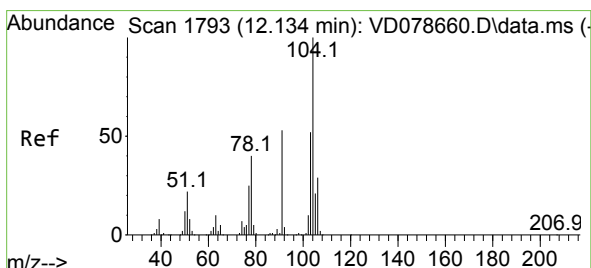
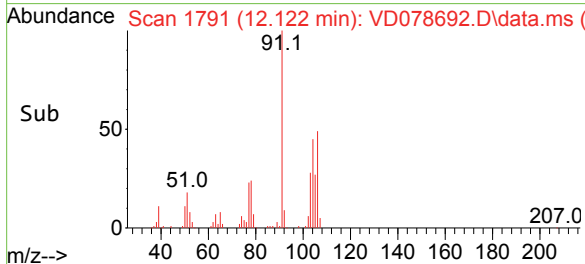
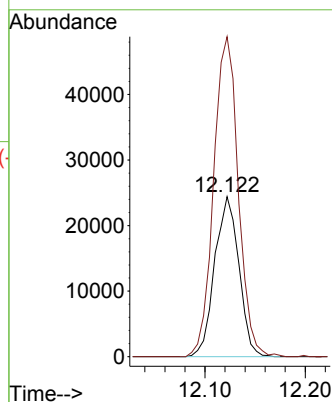
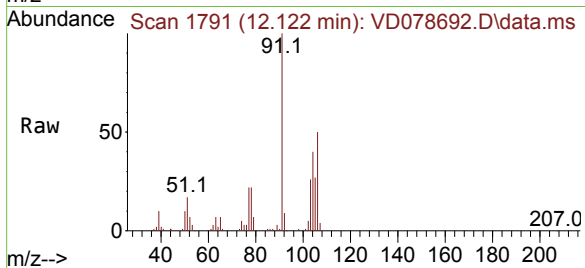
VD0318SBSD01

Tgt Ion:106 Resp: 40836

Ion Ratio Lower Upper

106 100

91 203.8 99.6 298.7



#70

Styrene

Concen: 17.624 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

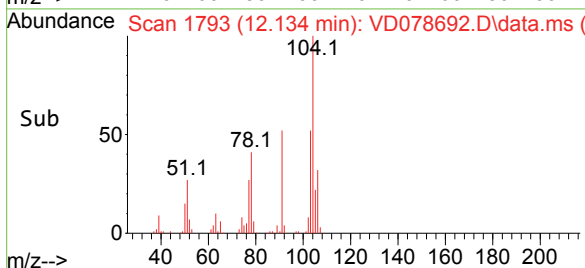
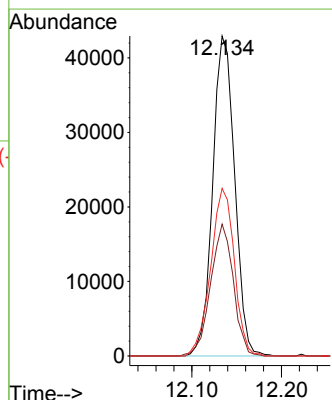
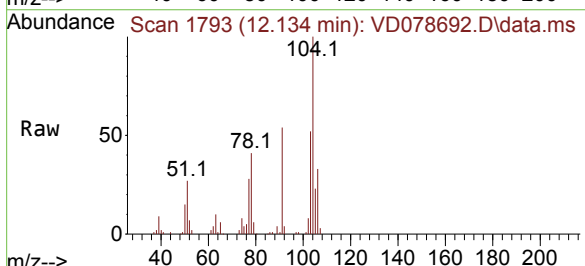
Tgt Ion:104 Resp: 73073

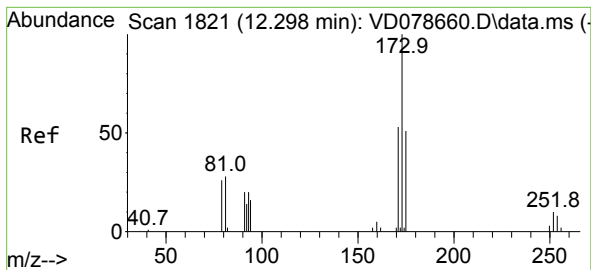
Ion Ratio Lower Upper

104 100

78 42.6 34.6 52.0

103 56.4 44.2 66.2





#71

Bromoform

Concen: 17.372 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

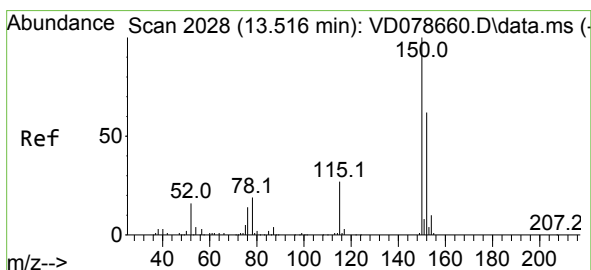
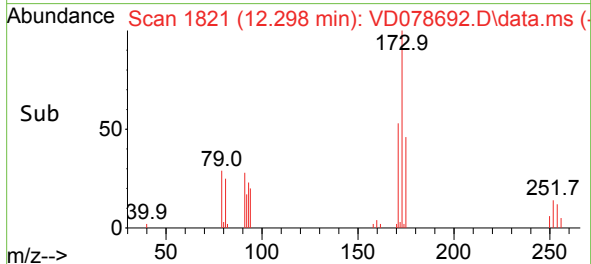
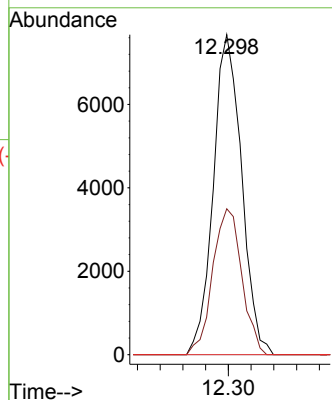
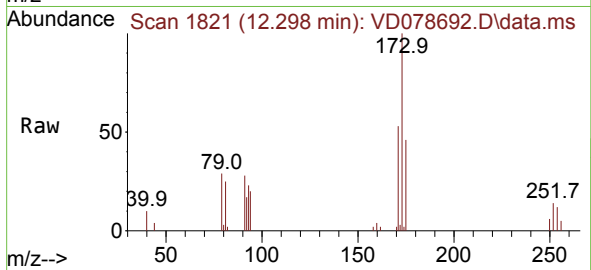
Tgt Ion:173 Resp: 13266

Ion Ratio Lower Upper

173 100

175 46.9 25.8 77.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

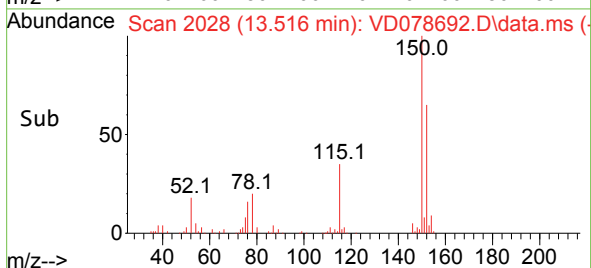
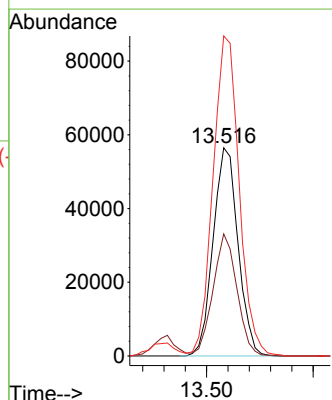
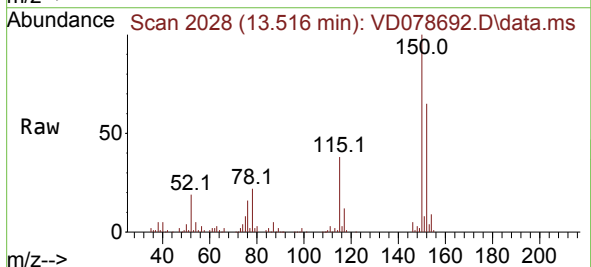
Tgt Ion:152 Resp: 91497

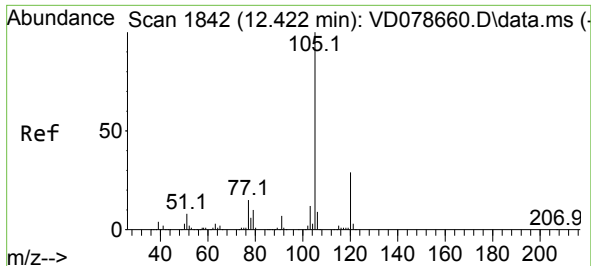
Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.2

150 161.5 0.0 350.2

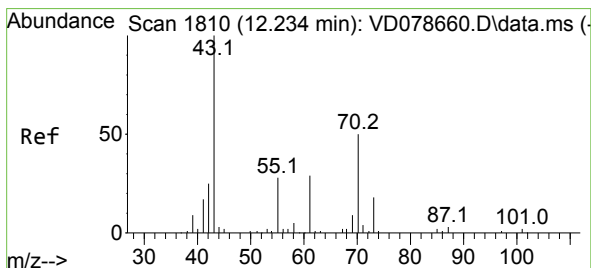
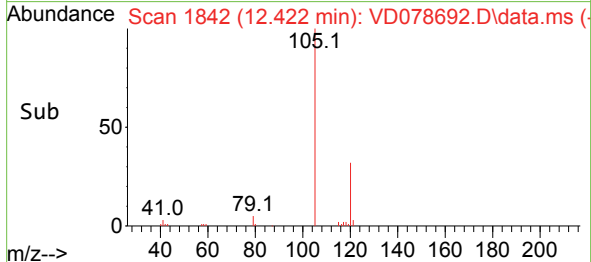
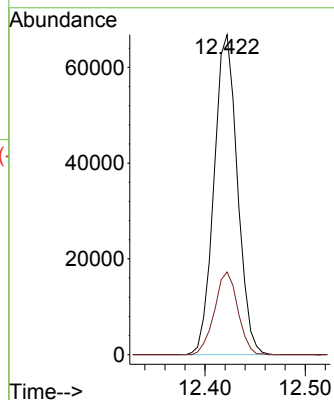
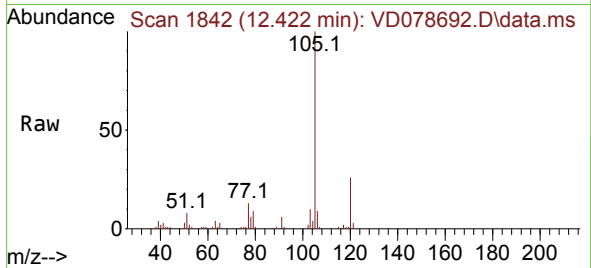




#73
Isopropylbenzene
Concen: 17.943 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

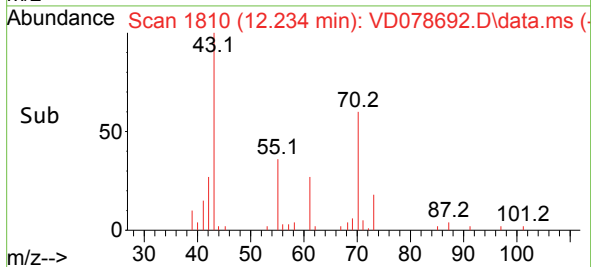
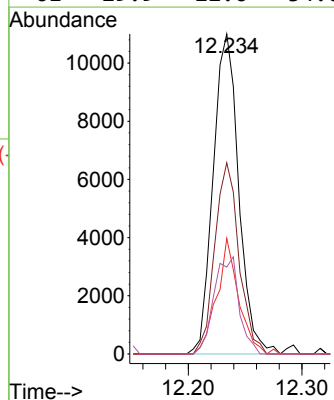
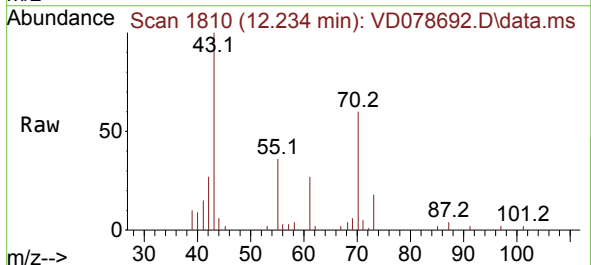
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

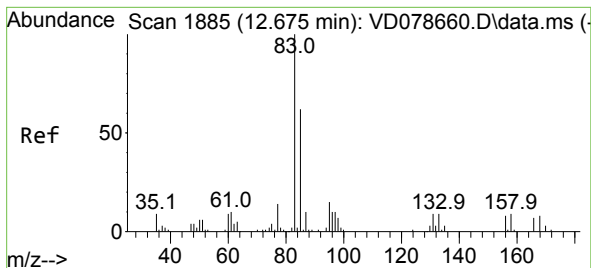
Tgt Ion:105 Resp: 108094
Ion Ratio Lower Upper
105 100
120 25.8 13.7 41.0



#74
N-ethyl acetate
Concen: 17.568 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 43 Resp: 17183
Ion Ratio Lower Upper
43 100
70 56.6 42.1 63.1
55 31.1 22.6 33.8
61 29.9 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.958 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBSD01

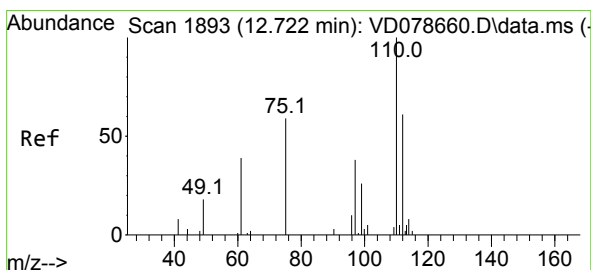
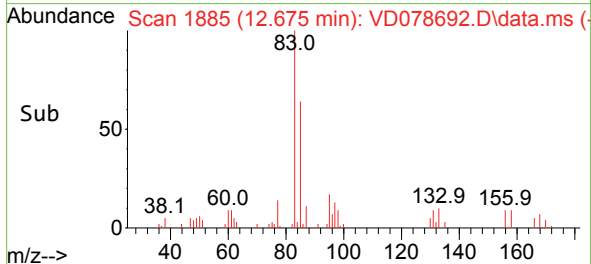
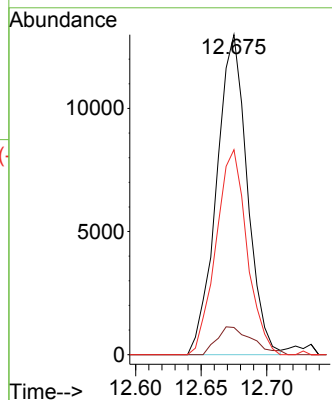
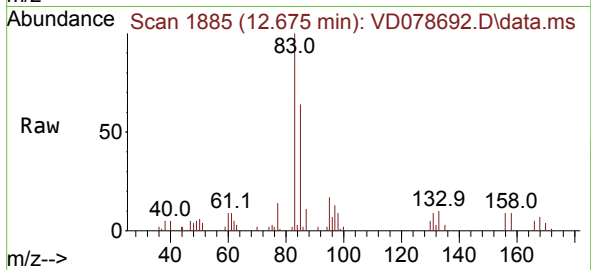
Tgt Ion: 83 Resp: 21142

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 64.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 36.931 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078692.D

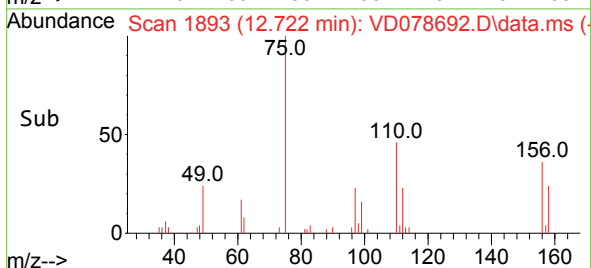
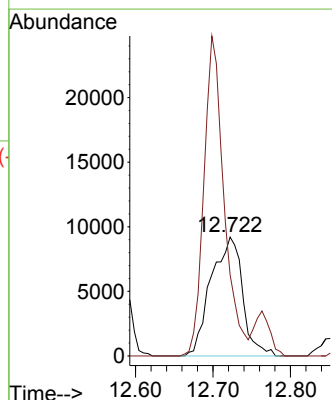
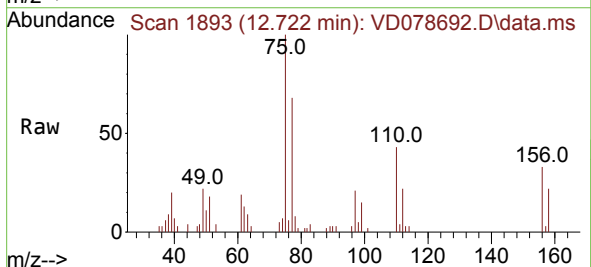
Acq: 18 Mar 2024 12:54

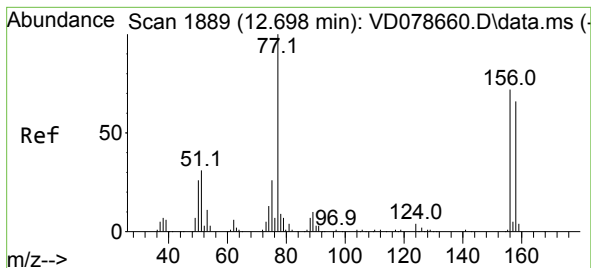
Tgt Ion: 75 Resp: 26034

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.908 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBSD01

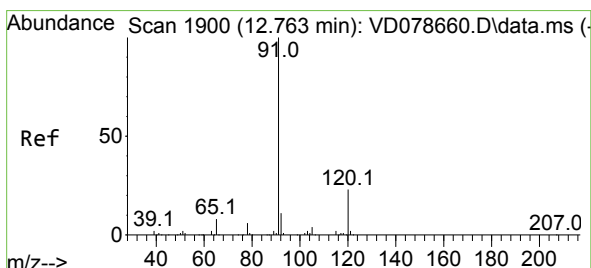
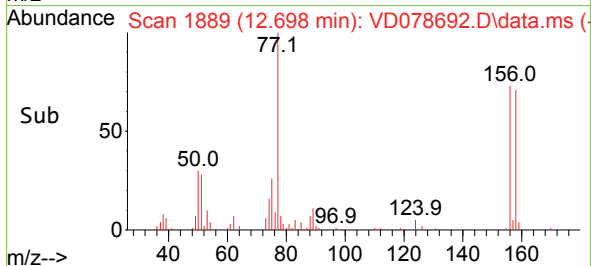
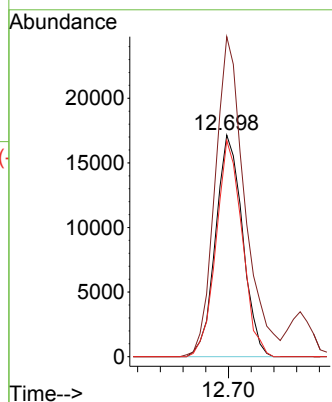
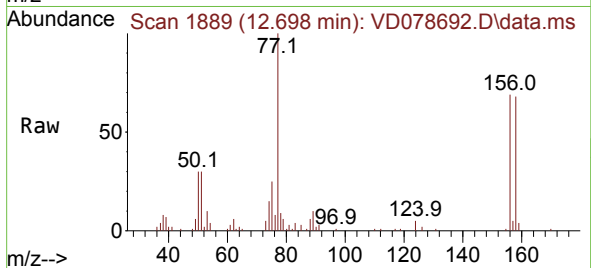
Tgt Ion:156 Resp: 28248

Ion Ratio Lower Upper

156 100

77 159.1 79.1 237.3

158 94.5 47.0 141.0



#78

n-propylbenzene

Concen: 18.540 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078692.D

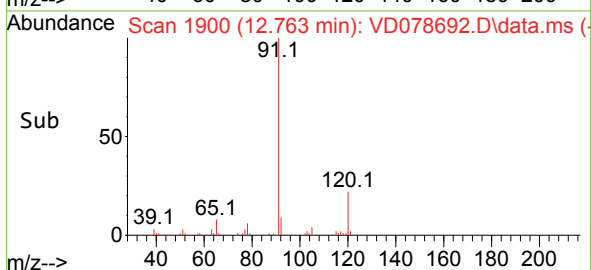
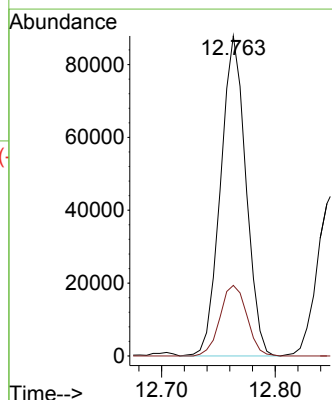
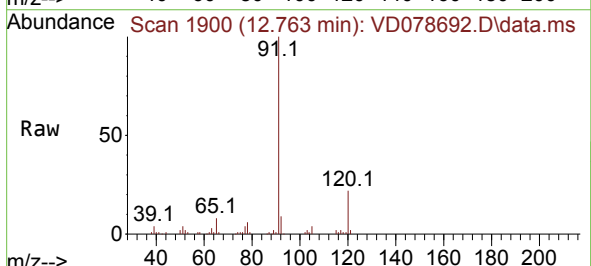
Acq: 18 Mar 2024 12:54

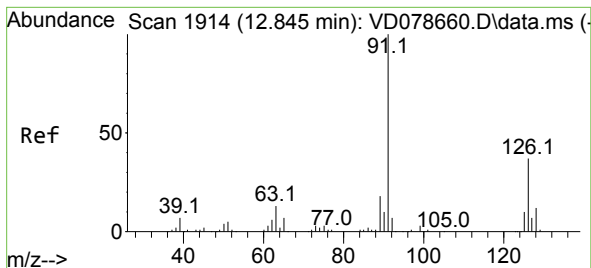
Tgt Ion: 91 Resp: 135950

Ion Ratio Lower Upper

91 100

120 23.4 11.7 35.1





#79

2-Chlorotoluene

Concen: 18.748 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

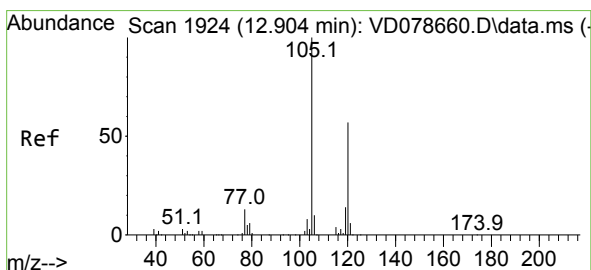
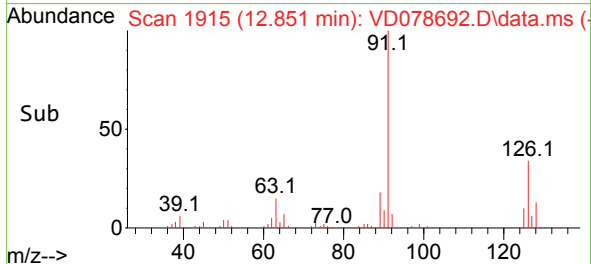
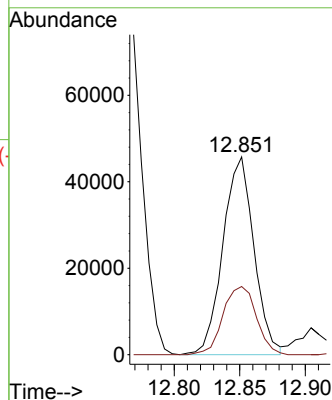
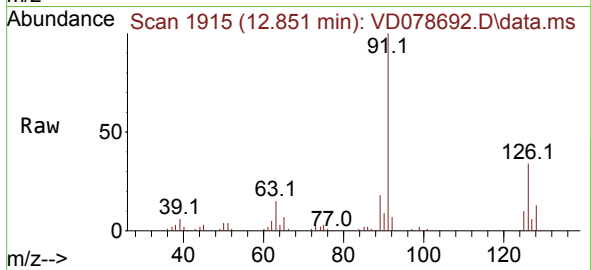
VD0318SBS01

Tgt Ion: 91 Resp: 75417

Ion Ratio Lower Upper

91 100

126 36.9 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 18.495 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078692.D

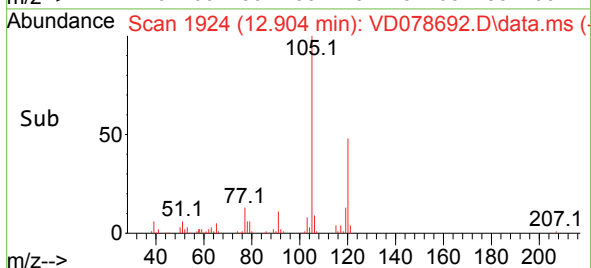
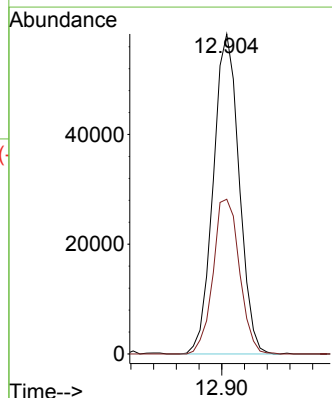
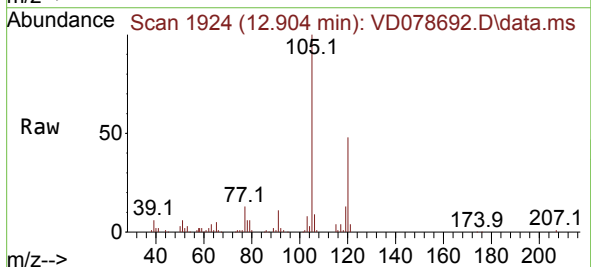
Acq: 18 Mar 2024 12:54

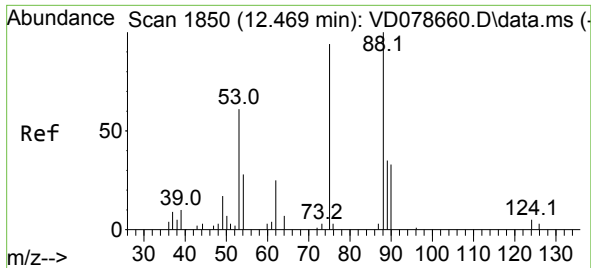
Tgt Ion:105 Resp: 92137

Ion Ratio Lower Upper

105 100

120 49.4 25.9 77.7

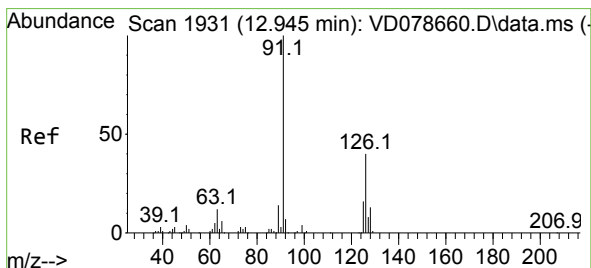
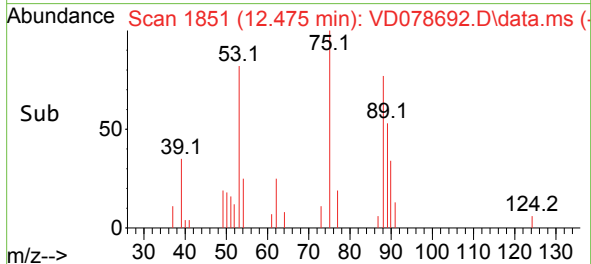
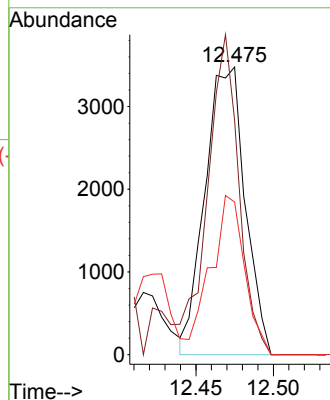
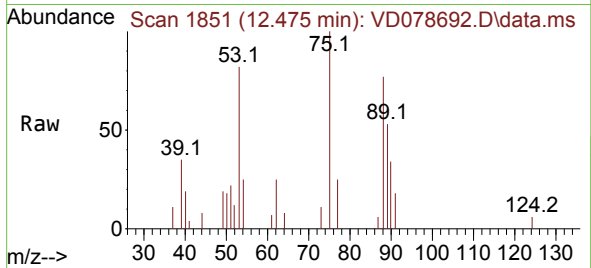




#81
trans-1,4-Dichloro-2-butene
Concen: 18.573 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

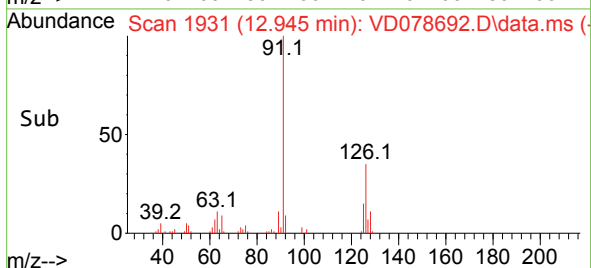
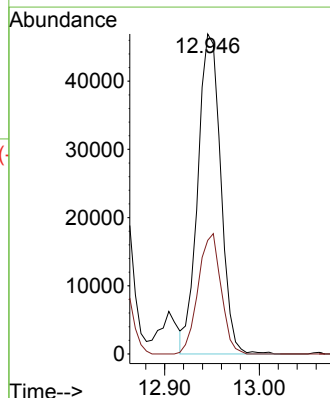
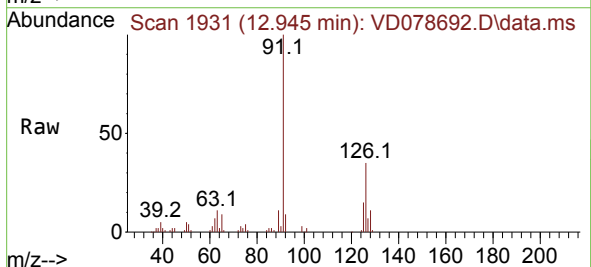
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

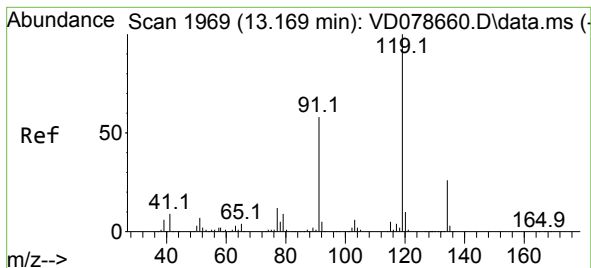
Tgt Ion: 75 Resp: 6246
Ion Ratio Lower Upper
75 100
53 87.9 61.0 91.6
89 46.4 35.4 53.0



#82
4-Chlorotoluene
Concen: 18.515 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 91 Resp: 78780
Ion Ratio Lower Upper
91 100
126 37.5 18.9 56.5





#83

tert-Butylbenzene

Concen: 17.883 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBSD01

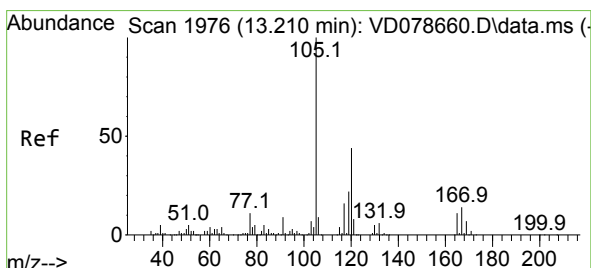
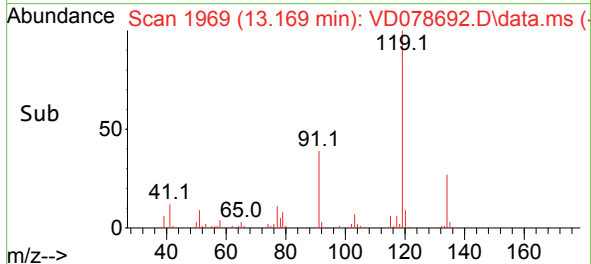
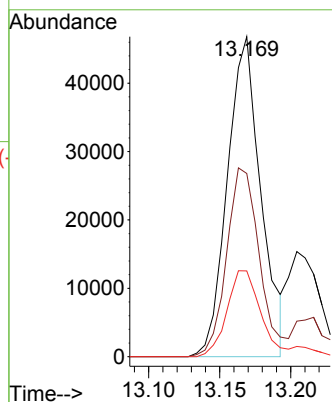
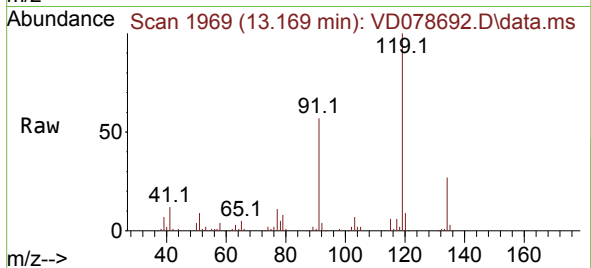
Tgt Ion:119 Resp: 76816

Ion Ratio Lower Upper

119 100

91 58.3 28.9 86.7

134 27.0 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 17.874 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078692.D

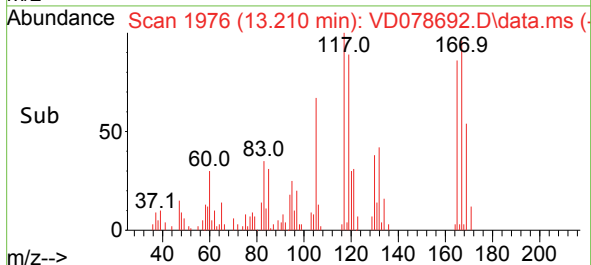
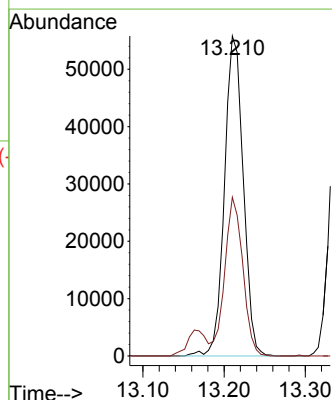
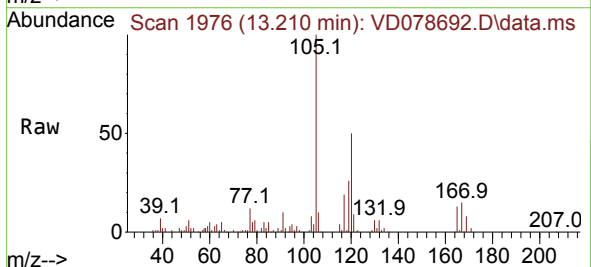
Acq: 18 Mar 2024 12:54

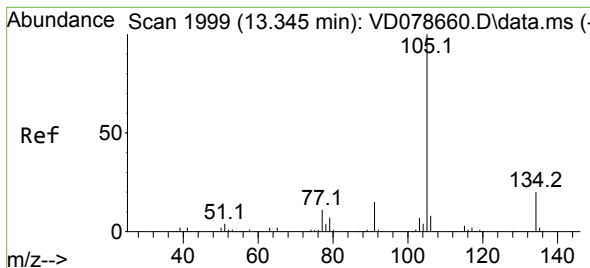
Tgt Ion:105 Resp: 89734

Ion Ratio Lower Upper

105 100

120 48.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 18.072 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

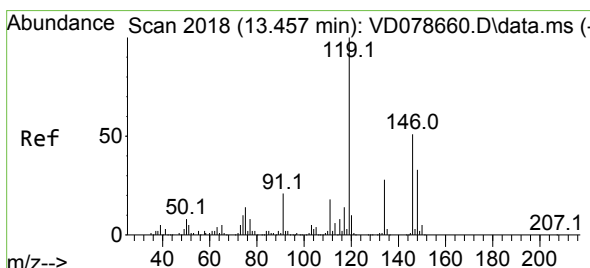
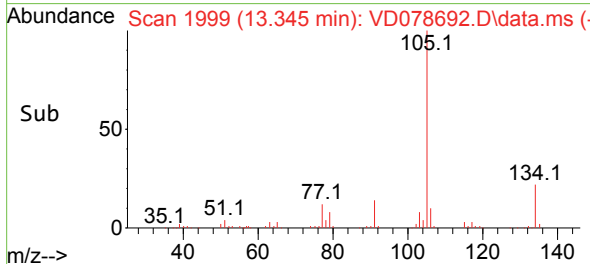
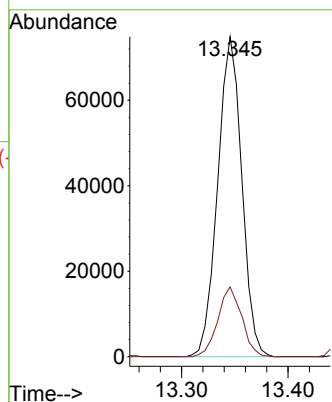
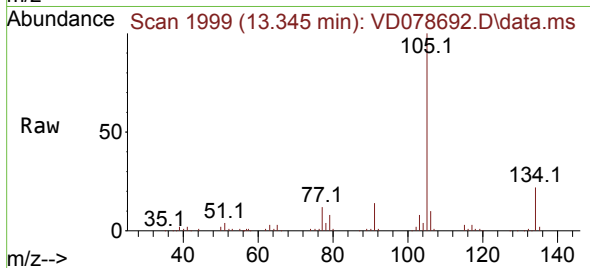
VD0318SBSD01

Tgt Ion:105 Resp: 117478

Ion Ratio Lower Upper

105 100

134 21.5 10.4 31.2



#86

p-Isopropyltoluene

Concen: 17.892 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

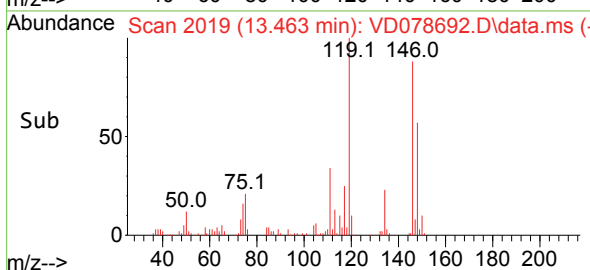
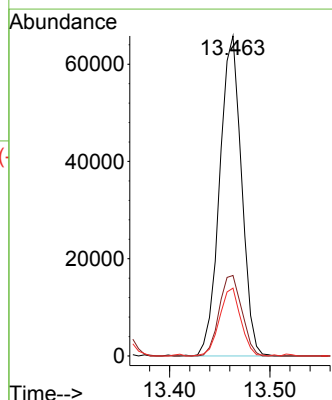
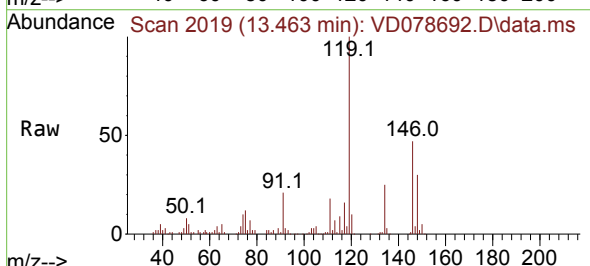
Tgt Ion:119 Resp: 99569

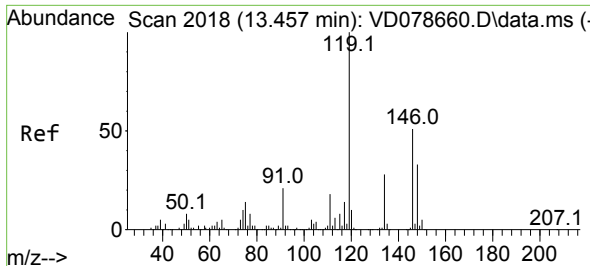
Ion Ratio Lower Upper

119 100

134 26.1 13.5 40.5

91 20.6 10.4 31.2

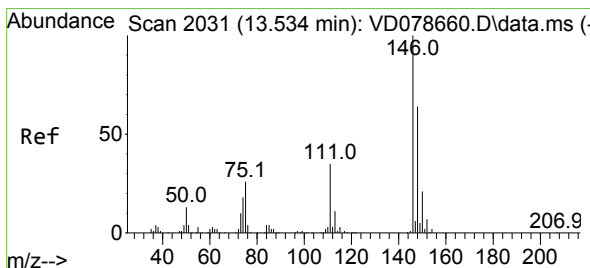
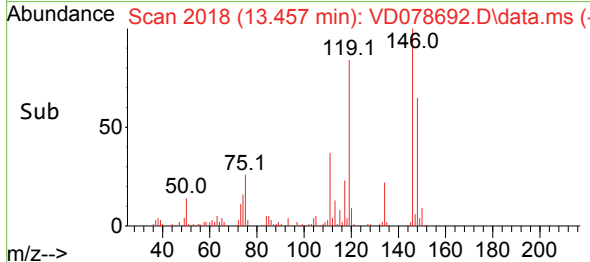
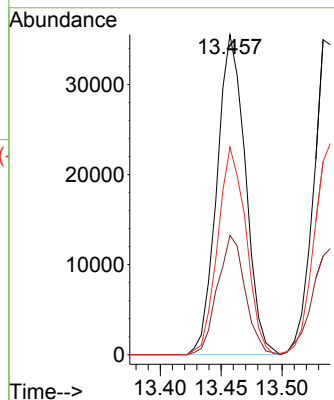
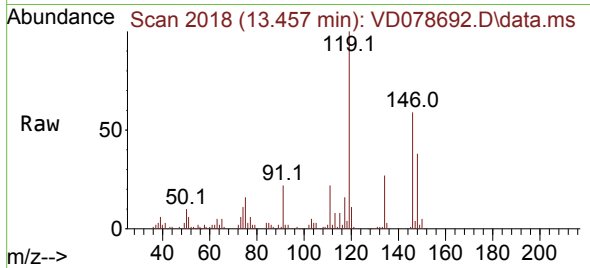




#87
 1,3-Dichlorobenzene
 Concen: 18.356 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078692.D
 Acq: 18 Mar 2024 12:54

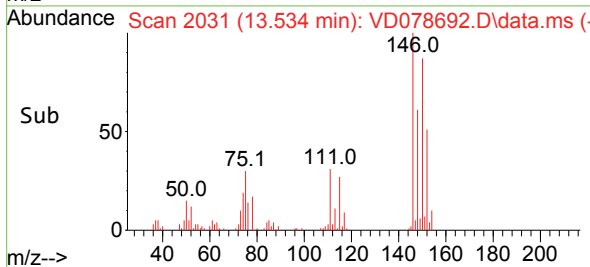
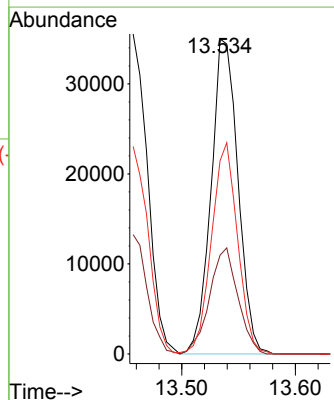
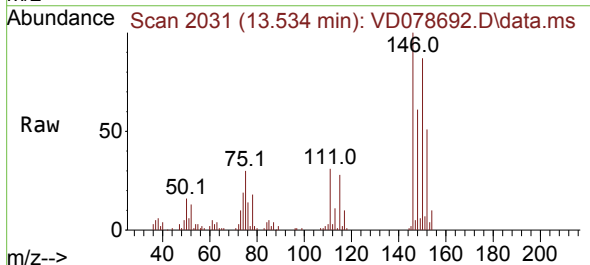
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBSD01

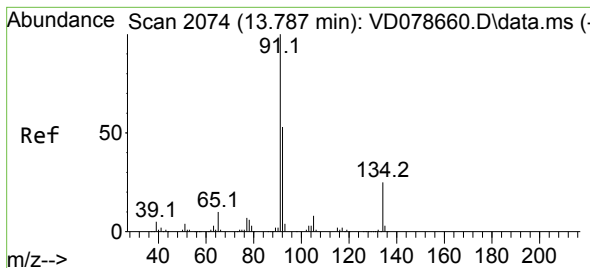
Tgt Ion:146 Resp: 57870
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.2 54.6
 148 64.6 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 18.543 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD078692.D
 Acq: 18 Mar 2024 12:54

Tgt Ion:146 Resp: 57613
 Ion Ratio Lower Upper
 146 100
 111 35.6 17.8 53.3
 148 64.9 32.4 97.0





#89

n-Butylbenzene

Concen: 18.048 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

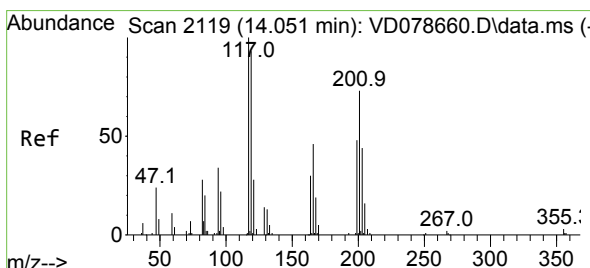
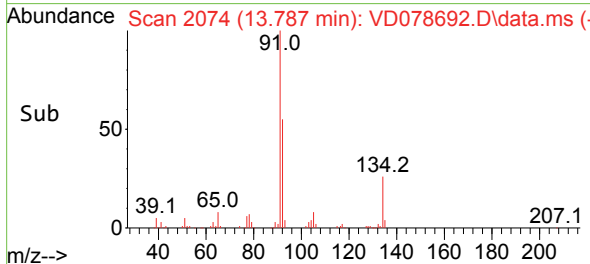
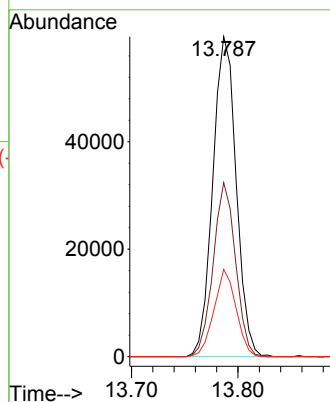
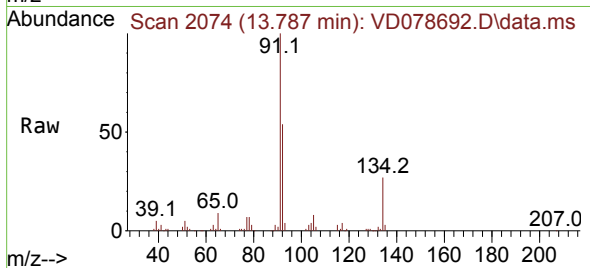
Instrument :

MSVOA_D

ClientSampleId :

VD0318SBSD01

Tgt Ion:	91	Resp:	90706
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.0
134	25.8	13.0	38.9



#90

Hexachloroethane

Concen: 17.943 ug/l

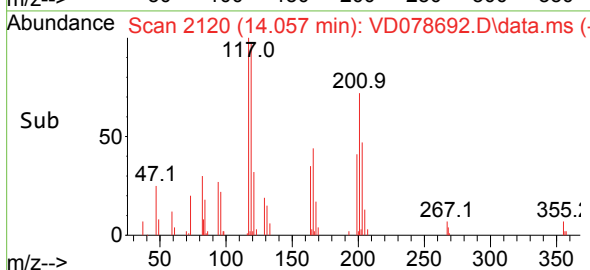
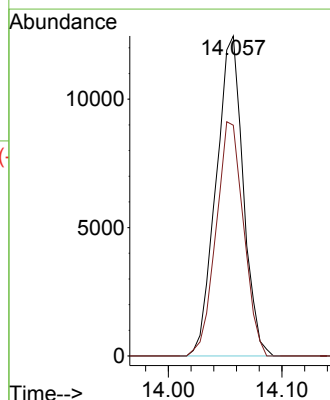
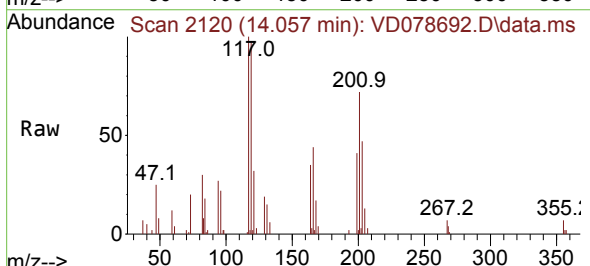
RT: 14.057 min Scan# 2120

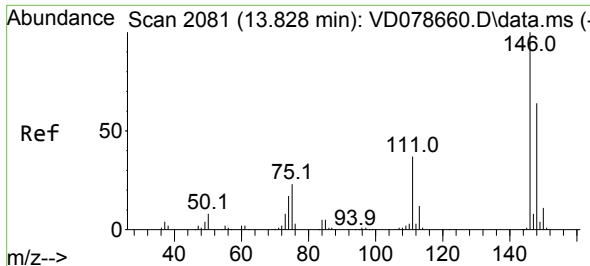
Delta R.T. 0.006 min

Lab File: VD078692.D

Acq: 18 Mar 2024 12:54

Tgt Ion:	117	Resp:	20661
Ion	Ratio	Lower	Upper
117	100		
201	74.3	36.2	108.6

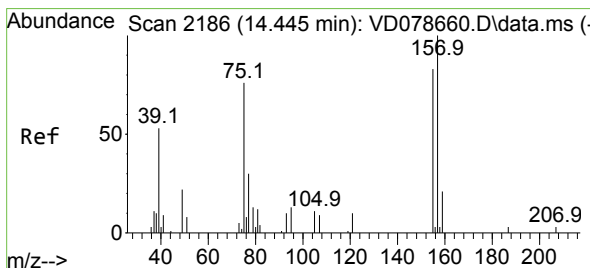
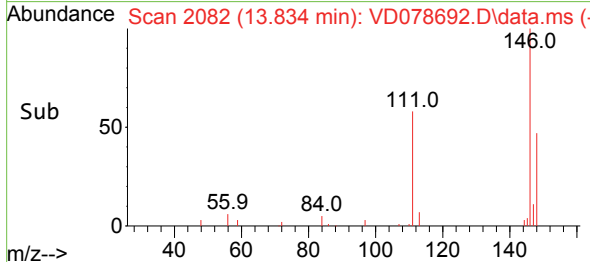
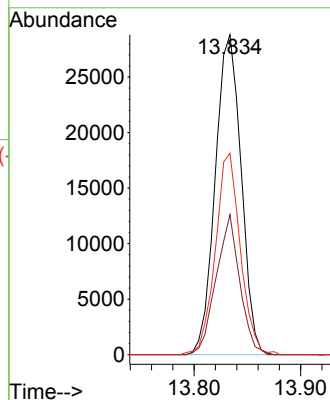
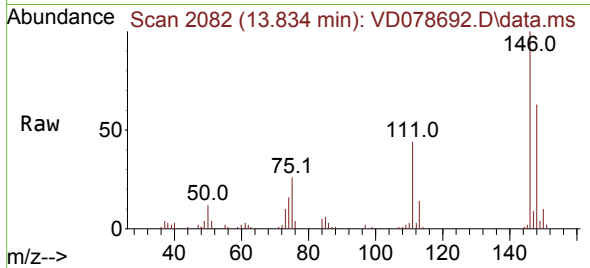




#91
1,2-Dichlorobenzene
Concen: 17.886 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

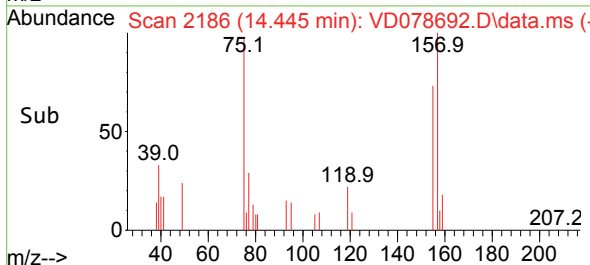
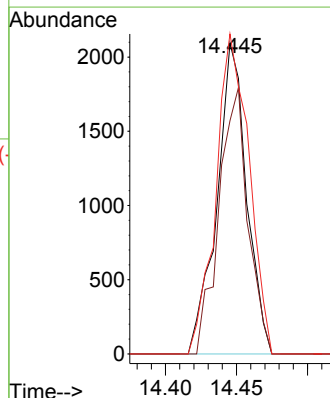
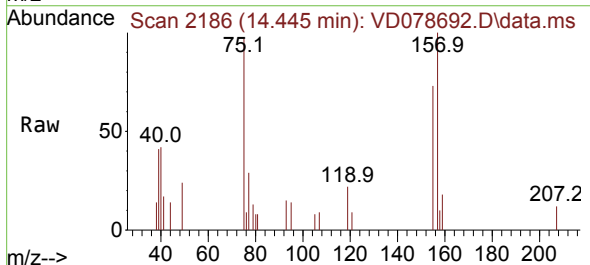
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

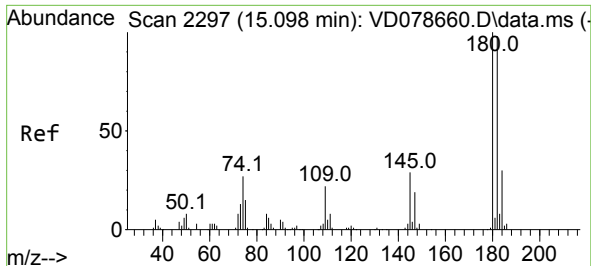
Tgt Ion:146 Resp: 48565
Ion Ratio Lower Upper
146 100
111 39.9 18.6 56.0
148 61.0 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.445 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion: 75 Resp: 3050
Ion Ratio Lower Upper
75 100
155 83.5 49.8 149.3
157 114.5 65.5 196.3

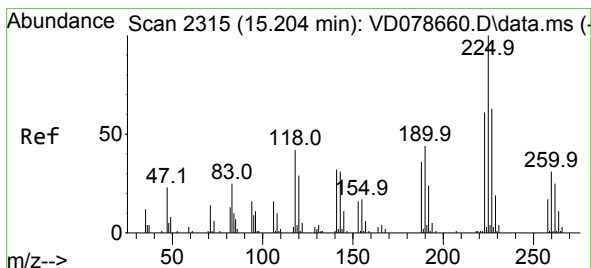
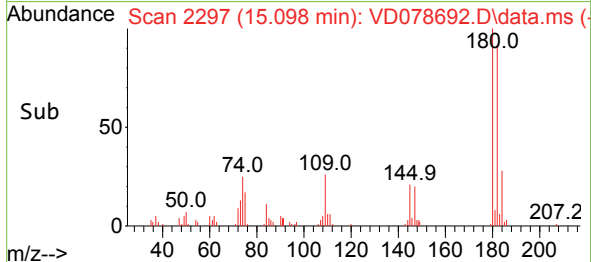
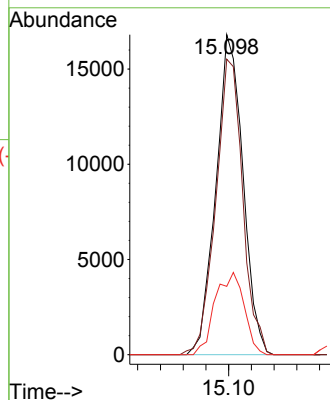
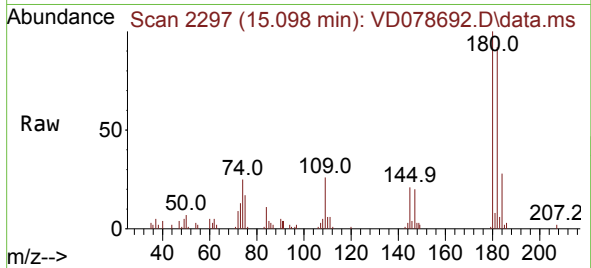




#93
 1,2,4-Trichlorobenzene
 Concen: 17.546 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD078692.D
 Acq: 18 Mar 2024 12:54

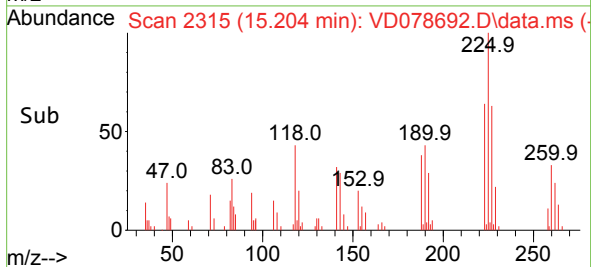
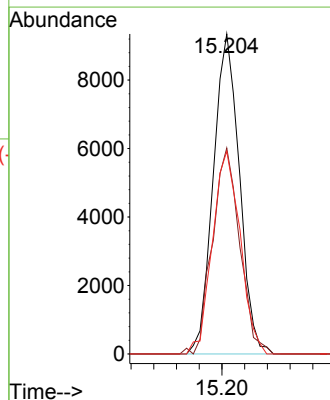
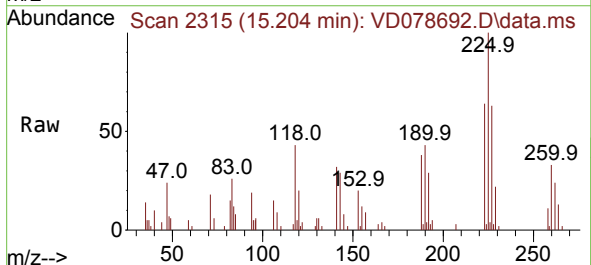
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

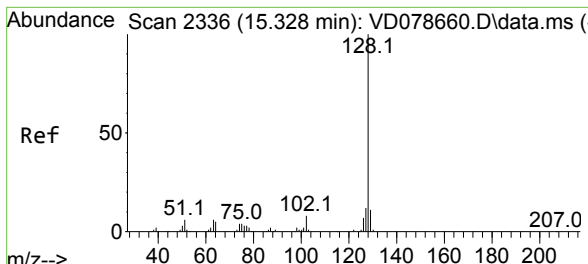
Tgt Ion:180 Resp: 27805
 Ion Ratio Lower Upper
 180 100
 182 91.9 49.7 149.1
 145 27.6 14.6 44.0



#94
 Hexachlorobutadiene
 Concen: 17.393 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078692.D
 Acq: 18 Mar 2024 12:54

Tgt Ion:225 Resp: 14922
 Ion Ratio Lower Upper
 225 100
 223 67.3 31.9 95.7
 227 67.3 32.0 96.0

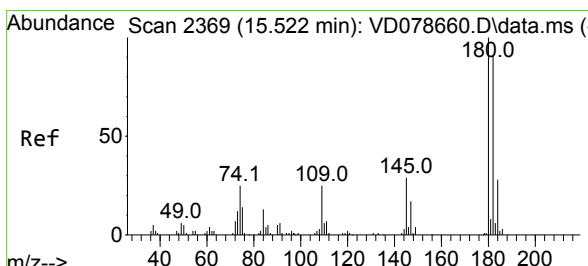
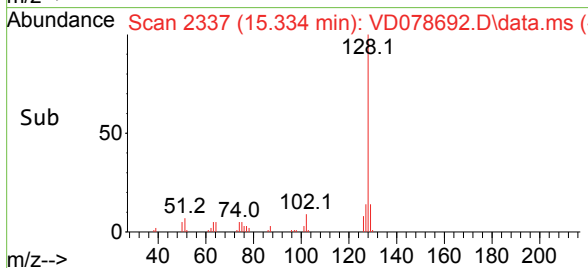
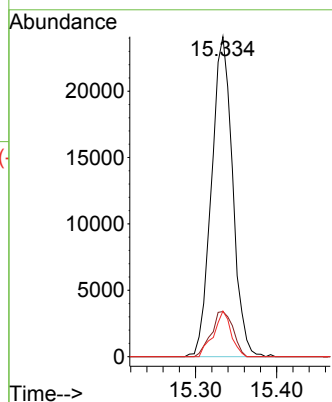
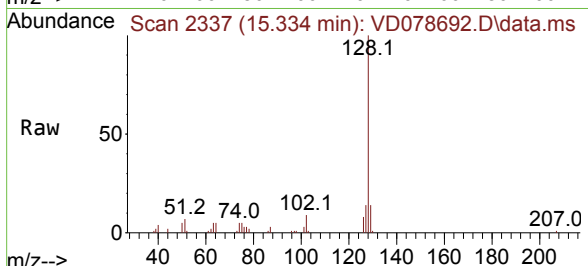




#95
Naphthalene
Concen: 15.778 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBSD01

Tgt Ion:	128	Resp:	43472
Ion Ratio	Lower	Upper	
128	100		
127	14.1	9.3	13.9#
129	14.3	8.9	13.3#



#96
1,2,3-Trichlorobenzene
Concen: 17.481 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078692.D
Acq: 18 Mar 2024 12:54

Tgt Ion:	180	Resp:	23966
Ion Ratio	Lower	Upper	
180	100		
182	97.0	46.7	140.1
145	31.4	14.4	43.4

