

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078668.D
 Acq On : 14 Mar 2024 15:55
 Operator : RP/MD
 Sample : VD0314SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

Quant Time: Mar 15 05:49:52 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	115836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	199930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61041	56.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.460%
35) Dibromofluoromethane	7.805	113	68154	52.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.900%
50) Toluene-d8	10.269	98	260882	55.107	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.220%
62) 4-Bromofluorobenzene	12.569	95	75086	54.214	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.420%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	20965	19.446	ug/l	98
3) Chloromethane	2.146	50	38142	22.407	ug/l	94
4) Vinyl Chloride	2.287	62	56335	22.434	ug/l	97
5) Bromomethane	2.687	94	51181	21.287	ug/l	95
6) Chloroethane	2.834	64	43546	22.236	ug/l	93
7) Trichlorofluoromethane	3.170	101	40288	20.280	ug/l	91
8) Diethyl Ether	3.587	74	11172	19.261	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.975	101	25691	20.606	ug/l	97
10) Methyl Iodide	4.164	142	28615	19.403	ug/l	99
11) Tert butyl alcohol	5.052	59	5564	114.528	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	23832	20.108	ug/l	93
13) Acrolein	3.799	56	8895	116.880	ug/l	100
14) Allyl chloride	4.558	41	26392	19.957	ug/l	98
15) Acrylonitrile	5.252	53	24077	102.972	ug/l	95
16) Acetone	4.017	43	19547	93.116	ug/l	90
17) Carbon Disulfide	4.269	76	80091	20.613	ug/l	98
18) Methyl Acetate	4.569	43	8677	19.261	ug/l #	82
19) Methyl tert-butyl Ether	5.322	73	46885	19.616	ug/l	93
20) Methylene Chloride	4.799	84	33238	20.334	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	29409	21.029	ug/l	85
22) Diisopropyl ether	6.216	45	61955	20.606	ug/l	99
23) Vinyl Acetate	6.158	43	183127	104.123	ug/l	100
24) 1,1-Dichloroethane	6.105	63	45686	20.267	ug/l	96
25) 2-Butanone	7.087	43	26829	96.130	ug/l	96
26) 2,2-Dichloropropane	7.069	77	36812	19.301	ug/l	94
27) cis-1,2-Dichloroethene	7.069	96	30880	19.360	ug/l	99
28) Bromochloromethane	7.422	49	16201	20.159	ug/l	96
29) Tetrahydrofuran	7.452	42	16198	106.707	ug/l	96
30) Chloroform	7.587	83	49670	19.762	ug/l	94
31) Cyclohexane	7.881	56	36070	19.768	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	42385	19.876	ug/l	98
36) 1,1-Dichloropropene	8.005	75	37584	20.123	ug/l	99
37) Ethyl Acetate	7.169	43	12059	19.764	ug/l	99
38) Carbon Tetrachloride	7.993	117	38263	19.433	ug/l	94
39) Methylcyclohexane	9.275	83	42209	19.482	ug/l #	88
40) Benzene	8.252	78	110011	19.485	ug/l	93

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	5680	17.764	ug/l #	66
42) 1,2-Dichloroethane	8.328	62	27102	19.684	ug/l	100
43) Isopropyl Acetate	8.363	43	21772	19.621	ug/l #	83
44) Trichloroethene	9.028	130	30501	19.907	ug/l	89
45) 1,2-Dichloropropane	9.304	63	26426	19.731	ug/l	97
46) Dibromomethane	9.393	93	15541	19.357	ug/l	97
47) Bromodichloromethane	9.581	83	36849	19.280	ug/l	99
48) Methyl methacrylate	9.381	41	9674	17.893	ug/l	96
49) 1,4-Dioxane	9.381	88	3305	444.609	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	57210	98.620	ug/l	98
52) Toluene	10.328	92	70022	19.264	ug/l	93
53) t-1,3-Dichloropropene	10.551	75	34784	19.905	ug/l	89
54) cis-1,3-Dichloropropene	10.016	75	40323	19.195	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	21977	20.442	ug/l	98
56) Ethyl methacrylate	10.599	69	19963	18.522	ug/l	97
57) 1,3-Dichloropropane	10.875	76	33241	19.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	46993	98.884	ug/l	98
59) 2-Hexanone	10.922	43	42230	98.200	ug/l	95
60) Dibromochloromethane	11.069	129	25410	19.165	ug/l	99
61) 1,2-Dibromoethane	11.181	107	20499	19.702	ug/l	98
64) Tetrachloroethene	10.804	164	25705	20.799	ug/l #	83
65) Chlorobenzene	11.604	112	76889	19.702	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	26871	18.801	ug/l	97
67) Ethyl Benzene	11.681	91	126978	19.093	ug/l	97
68) m/p-Xylenes	11.793	106	104576	38.725	ug/l	96
69) o-Xylene	12.116	106	46884	18.764	ug/l	98
70) Styrene	12.134	104	81798	19.505	ug/l	99
71) Bromoform	12.298	173	14644	18.959	ug/l #	91
73) Isopropylbenzene	12.422	105	120384	19.703	ug/l	99
74) N-amyl acetate	12.234	43	20252	20.415	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	24208	21.403	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	28308	39.594	ug/l #	100
77) Bromobenzene	12.698	156	31380	20.710	ug/l	99
78) n-propylbenzene	12.763	91	155176	20.865	ug/l	100
79) 2-Chlorotoluene	12.851	91	83323	20.423	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	103668	20.518	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	6970	20.435	ug/l	96
82) 4-Chlorotoluene	12.945	91	86499	20.045	ug/l	98
83) tert-Butylbenzene	13.163	119	84354	19.362	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	102714	20.173	ug/l	98
85) sec-Butylbenzene	13.345	105	134844	20.453	ug/l	99
86) p-Isopropyltoluene	13.457	119	111718	19.794	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	62700	19.609	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	63308	20.090	ug/l	98
89) n-Butylbenzene	13.787	91	102824	20.173	ug/l	98
90) Hexachloroethane	14.051	117	23965	20.521	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	53138	19.295	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3778	24.969	ug/l	77
93) 1,2,4-Trichlorobenzene	15.098	180	31268	19.455	ug/l	95
94) Hexachlorobutadiene	15.204	225	16665	19.153	ug/l	96
95) Naphthalene	15.328	128	52698	18.859	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	28314	20.363	ug/l	96

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ALS Vial : 14 Sample Multiplier: 1

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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

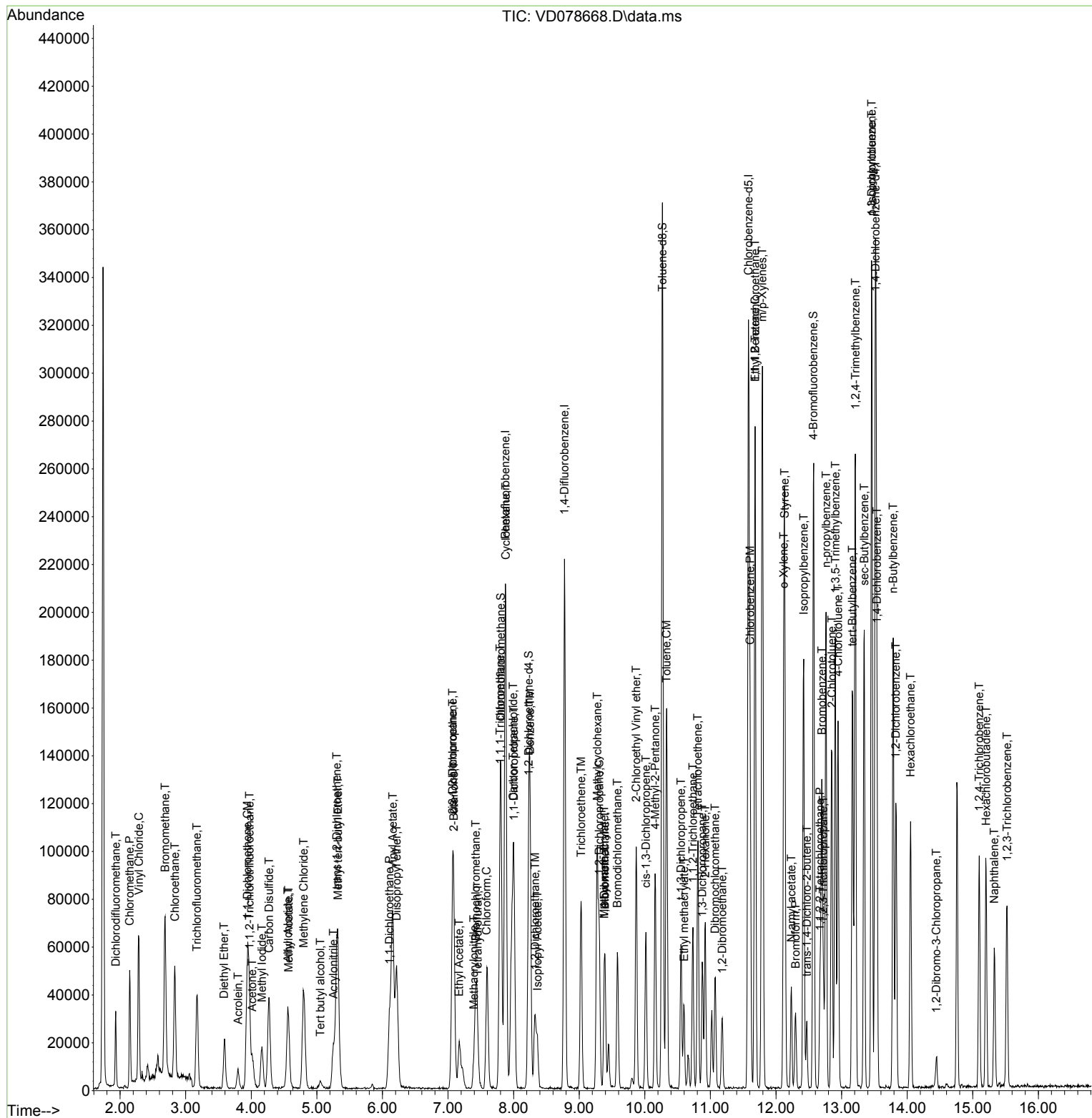
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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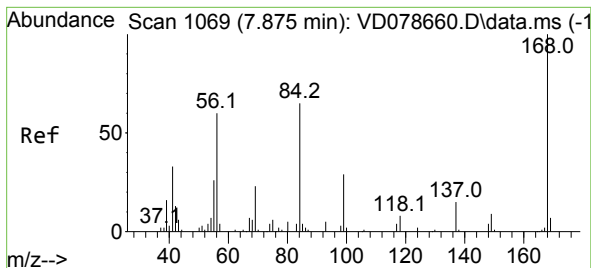
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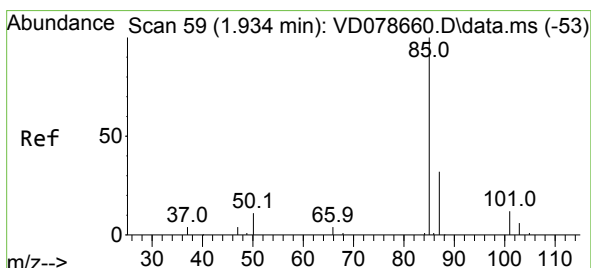
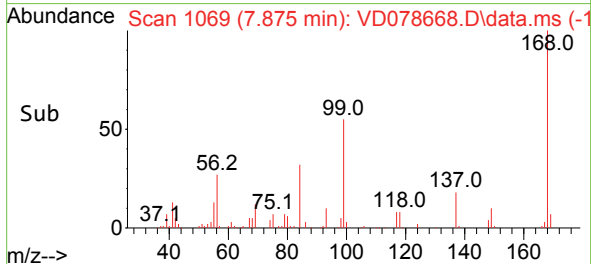
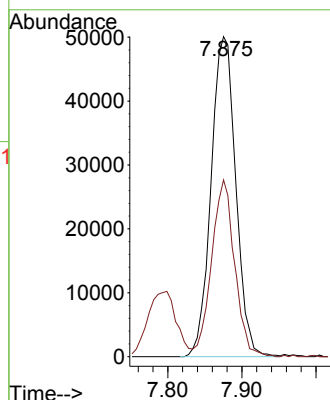
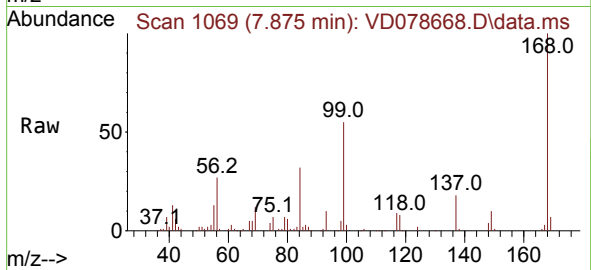




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078668.D
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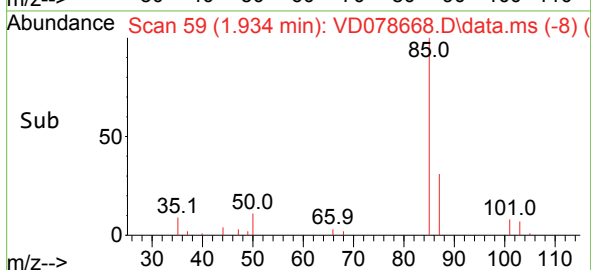
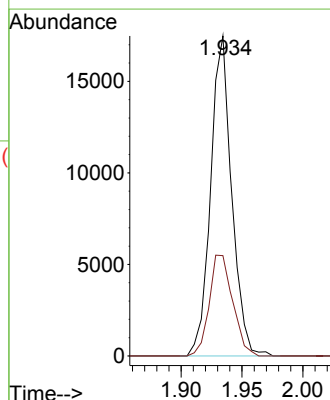
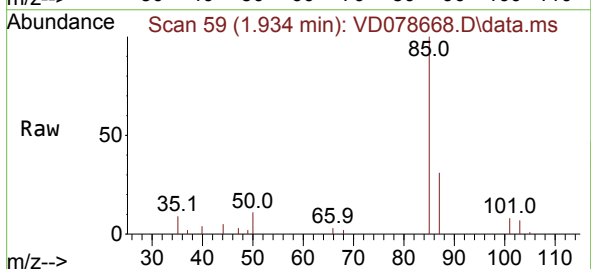
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

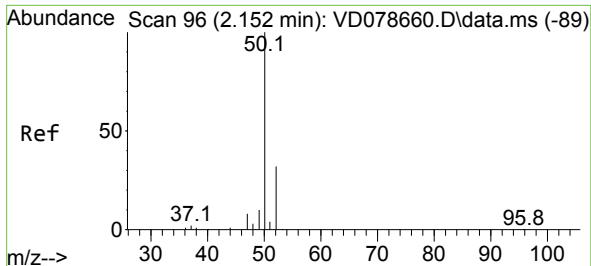
Tgt Ion:168 Resp: 115836
Ion Ratio Lower Upper
168 100
99 55.3 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 19.446 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 85 Resp: 20965
Ion Ratio Lower Upper
85 100
87 31.3 16.2 48.5

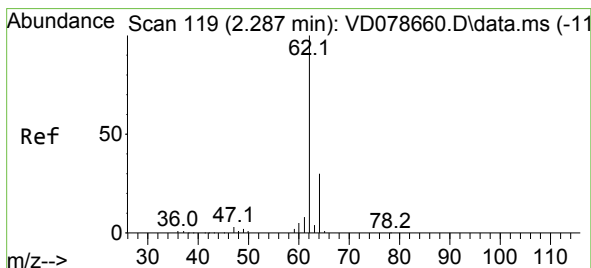
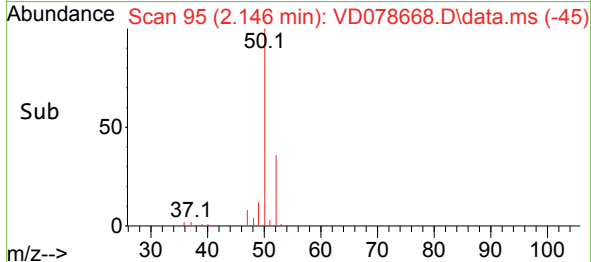
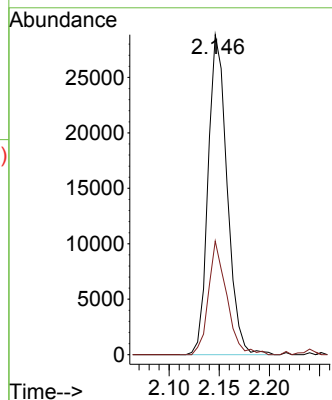
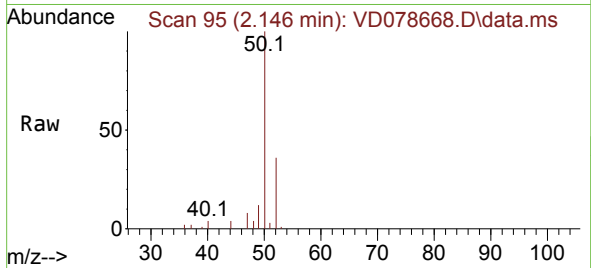




#3
Chloromethane
Concen: 22.407 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

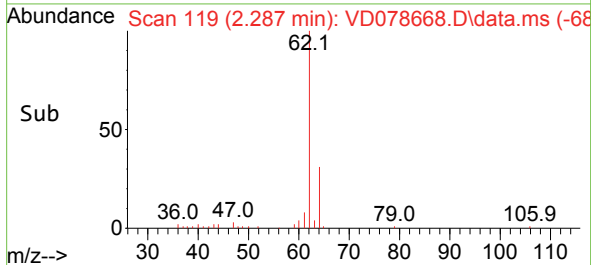
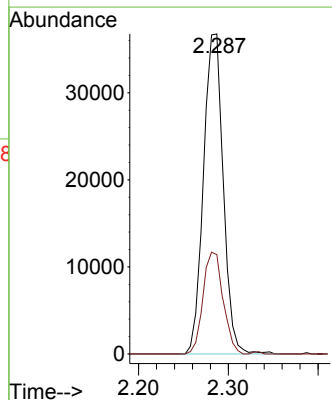
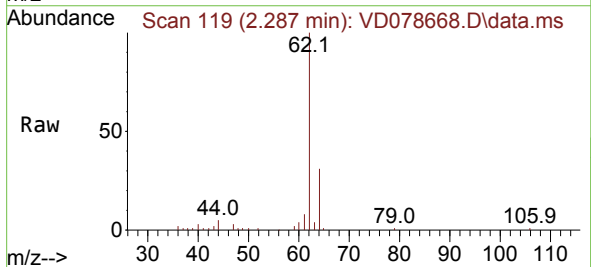
Instrument :
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ClientSampleId :
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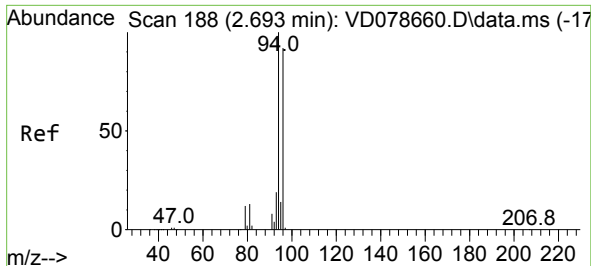
Tgt Ion: 50 Resp: 38142
Ion Ratio Lower Upper
50 100
52 35.5 25.6 38.4



#4
Vinyl Chloride
Concen: 22.434 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 62 Resp: 56335
Ion Ratio Lower Upper
62 100
64 31.1 23.7 35.5

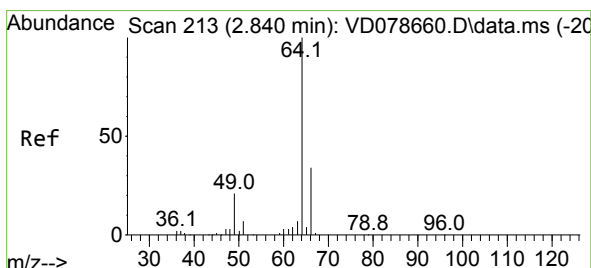
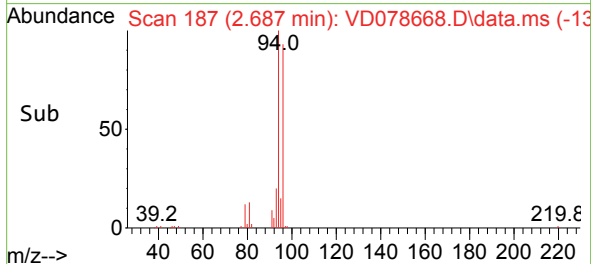
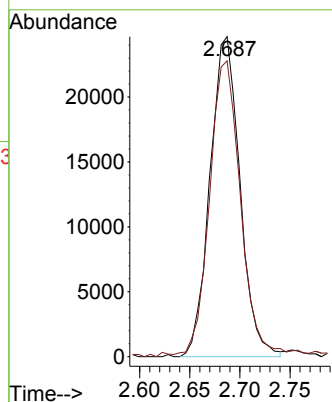
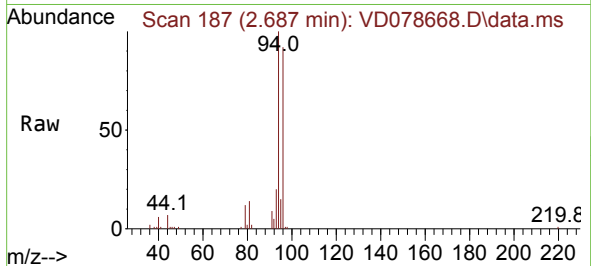




#5
Bromomethane
Concen: 21.287 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

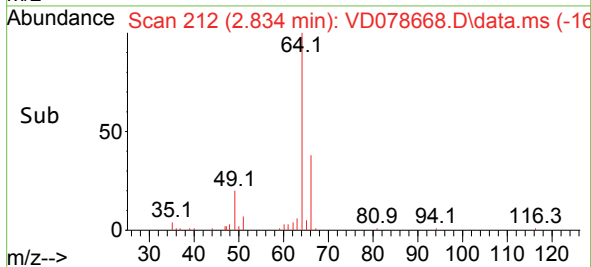
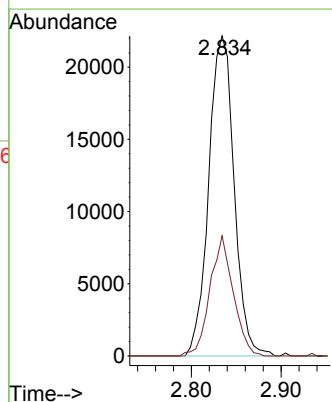
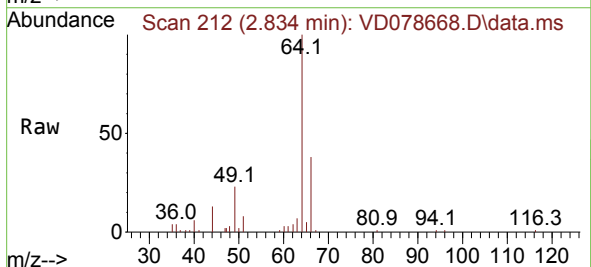
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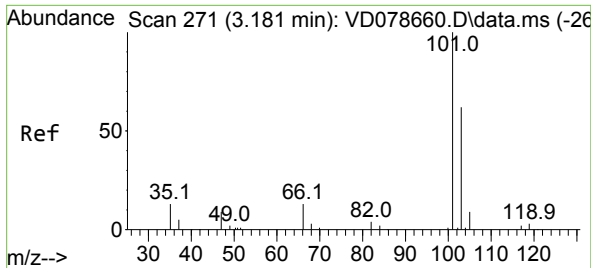
Tgt Ion: 94 Resp: 51181
Ion Ratio Lower Upper
94 100
96 96.9 73.5 110.3



#6
Chloroethane
Concen: 22.236 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 64 Resp: 43546
Ion Ratio Lower Upper
64 100
66 37.6 26.8 40.2

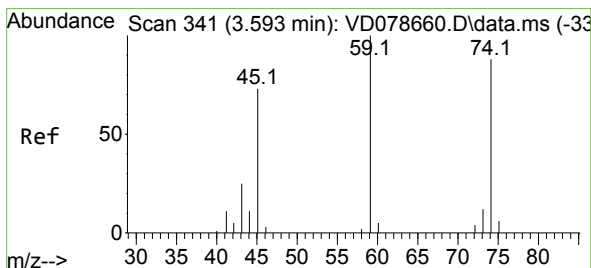
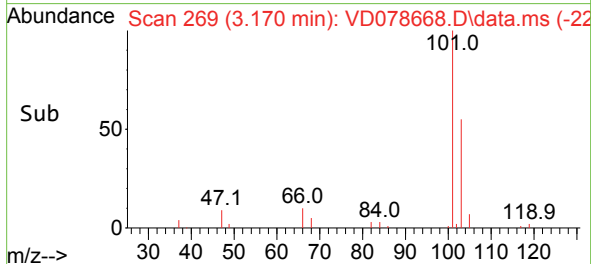
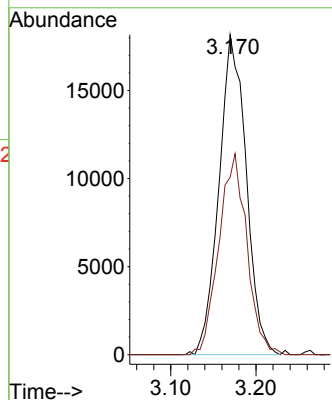
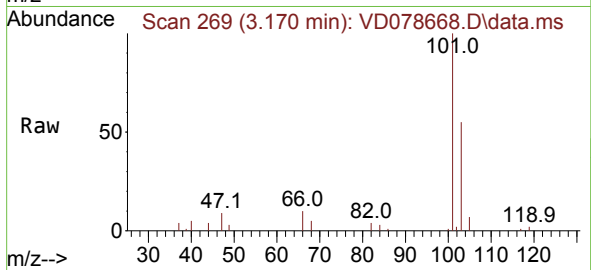




#7
 Trichlorofluoromethane
 Concen: 20.280 ug/l
 RT: 3.170 min Scan# 2
 Delta R.T. -0.012 min
 Lab File: VD078668.D
 Acq: 14 Mar 2024 15:55

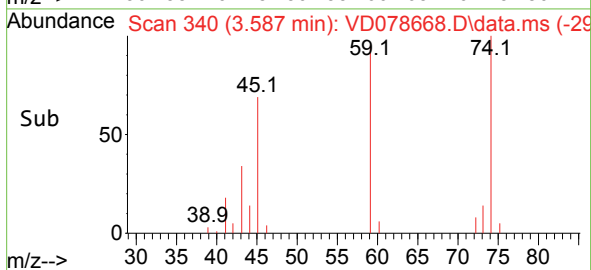
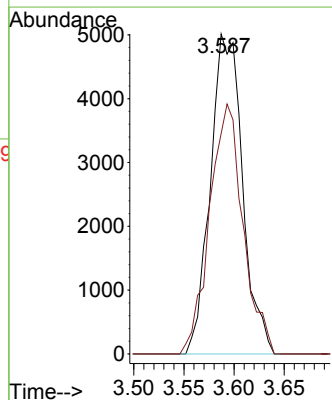
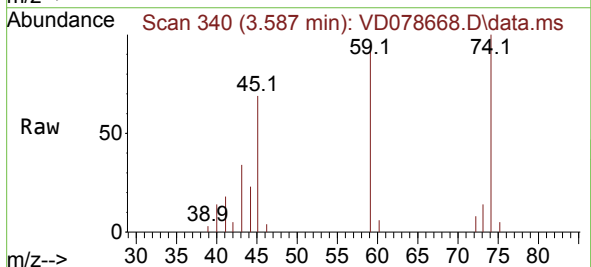
Instrument :
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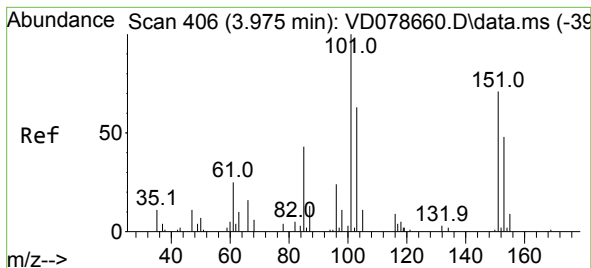
Tgt Ion:101 Resp: 40288
 Ion Ratio Lower Upper
 101 100
 103 55.5 49.7 74.5



#8
 Diethyl Ether
 Concen: 19.261 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD078668.D
 Acq: 14 Mar 2024 15:55

Tgt Ion: 74 Resp: 11172
 Ion Ratio Lower Upper
 74 100
 45 81.1 42.4 127.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.606 ug/l

RT: 3.975 min Scan# 406

Delta R.T. 0.000 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

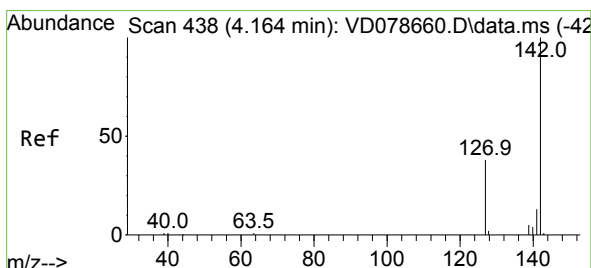
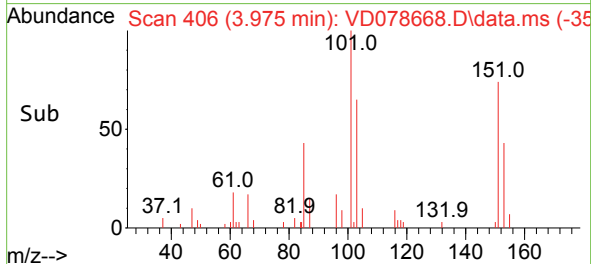
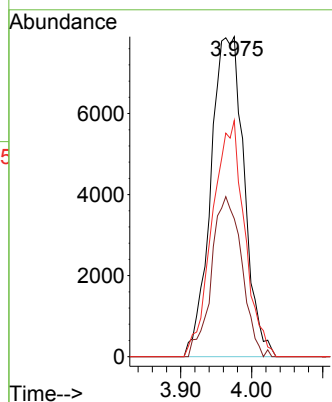
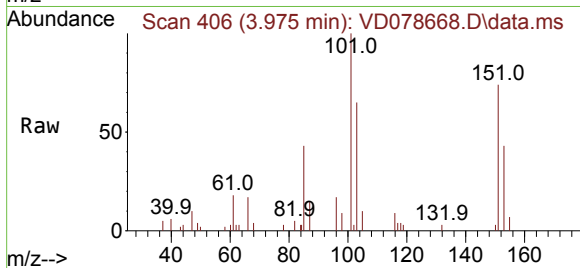
Tgt Ion:101 Resp: 25691

Ion Ratio Lower Upper

101 100

85 45.4 35.8 53.6

151 71.3 59.4 89.2



#10

Methyl Iodide

Concen: 19.403 ug/l

RT: 4.164 min Scan# 438

Delta R.T. 0.000 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

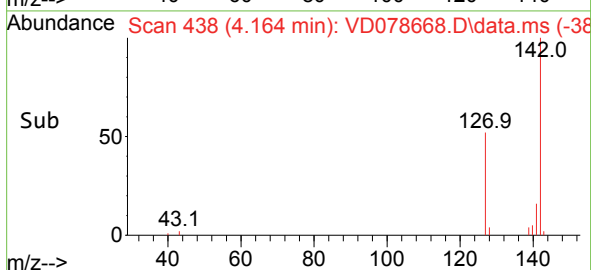
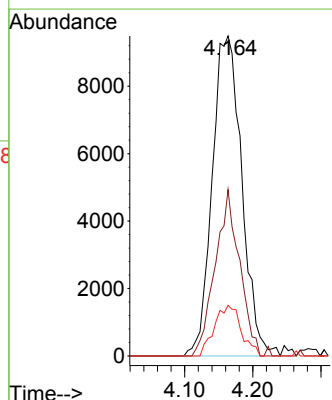
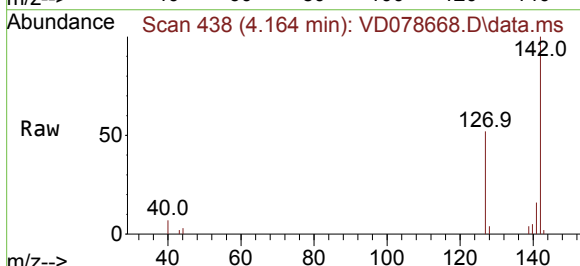
Tgt Ion:142 Resp: 28615

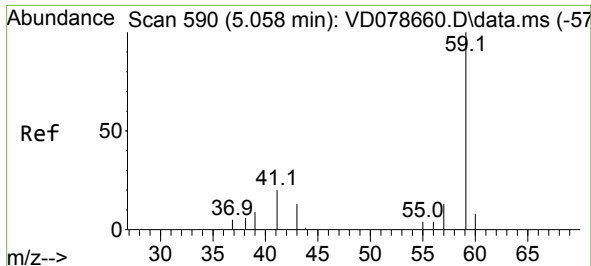
Ion Ratio Lower Upper

142 100

127 42.8 33.5 50.3

141 14.3 11.7 17.5

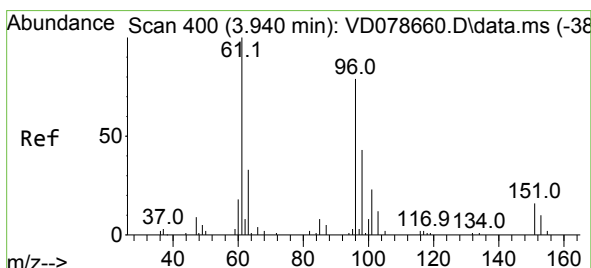
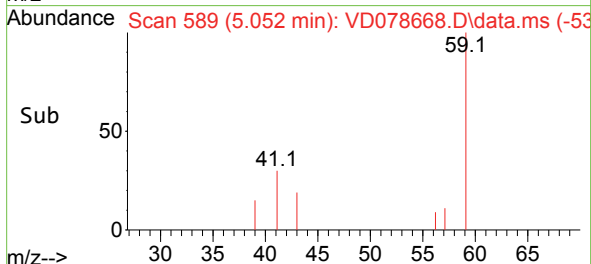
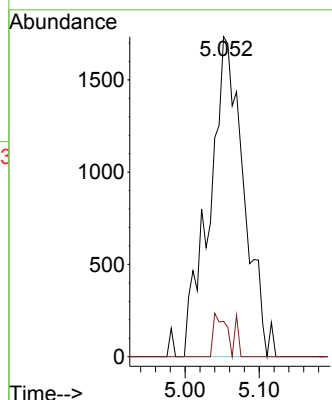
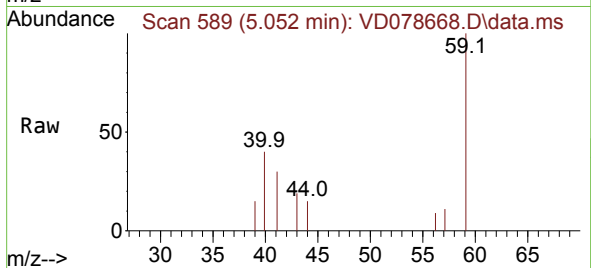




#11
Tert butyl alcohol
Concen: 114.528 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

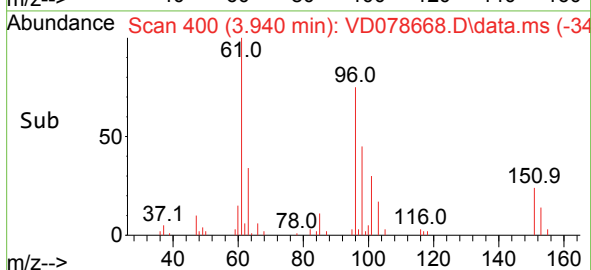
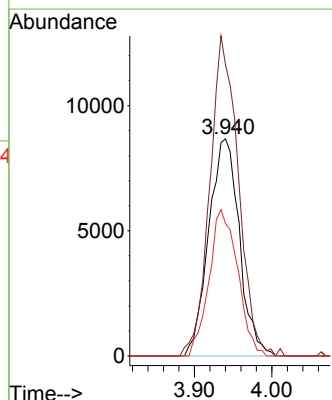
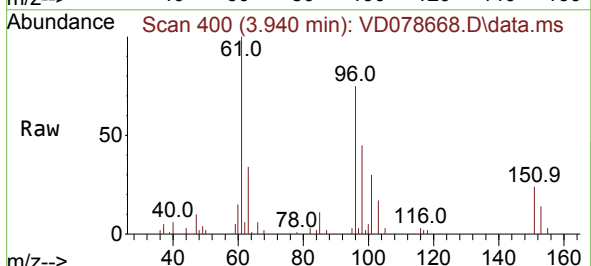
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

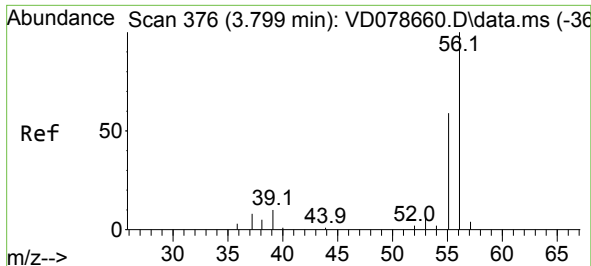
Tgt Ion: 59 Resp: 5564
Ion Ratio Lower Upper
59 100
57 4.9 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 20.108 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 96 Resp: 23832
Ion Ratio Lower Upper
96 100
61 134.2 101.4 152.0
98 60.9 43.4 65.0

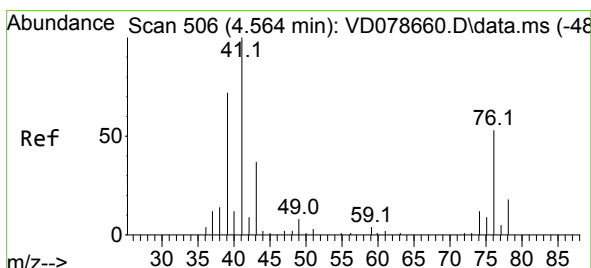
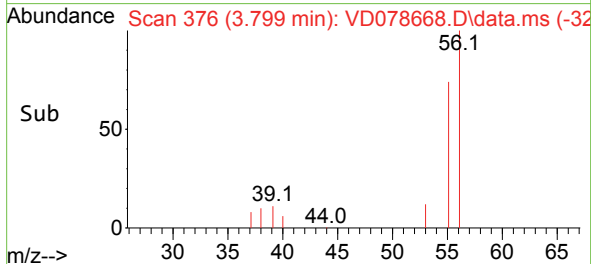
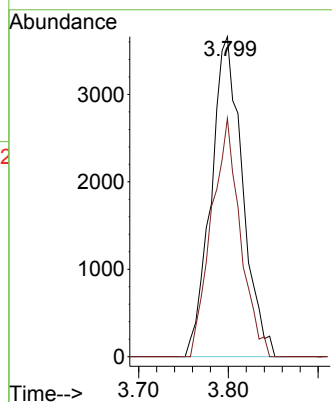
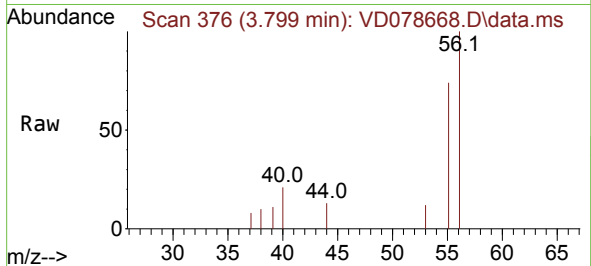




#13
Acrolein
Concen: 116.880 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

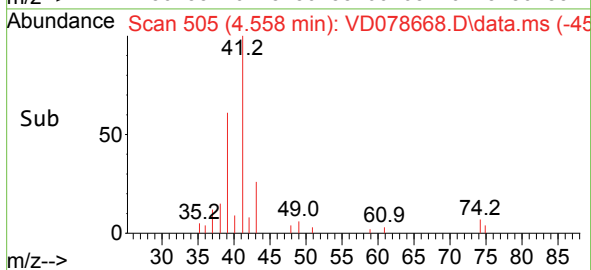
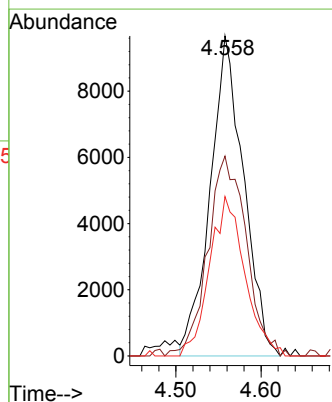
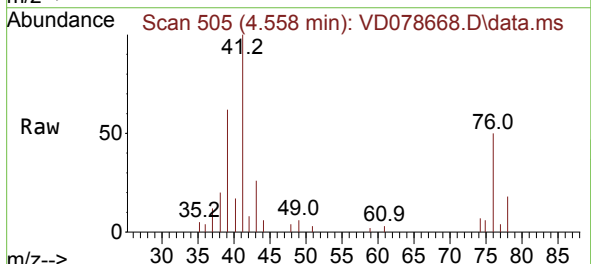
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

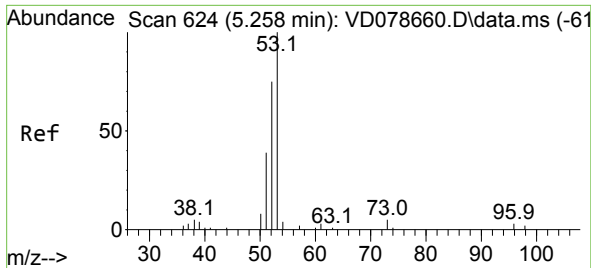
Tgt Ion: 56 Resp: 8895
Ion Ratio Lower Upper
56 100
55 68.6 54.9 82.3



#14
Allyl chloride
Concen: 19.957 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 41 Resp: 26392
Ion Ratio Lower Upper
41 100
39 71.7 57.8 86.6
76 52.4 44.8 67.2

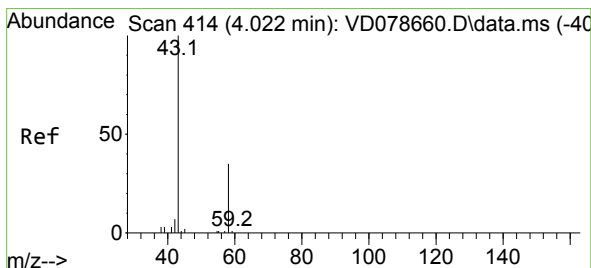
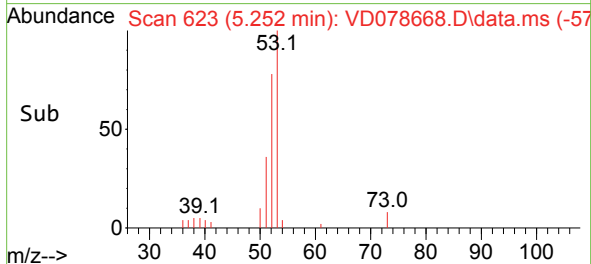
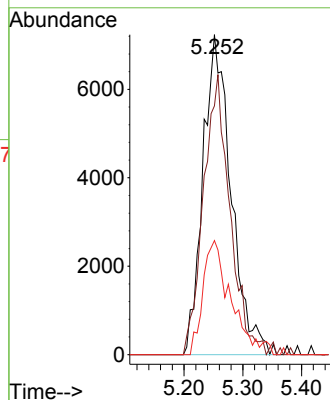
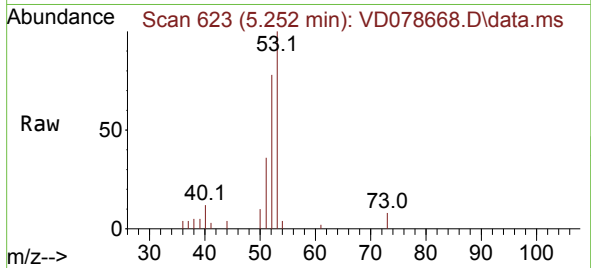




#15
Acrylonitrile
Concen: 102.972 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

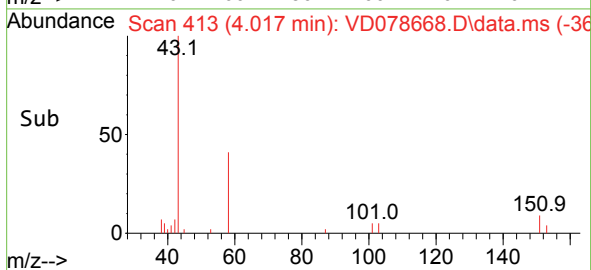
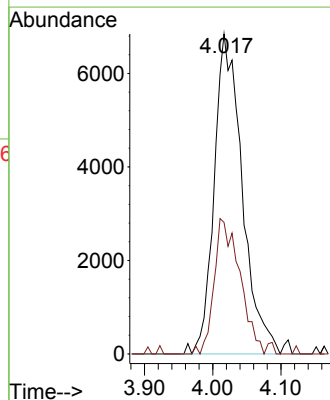
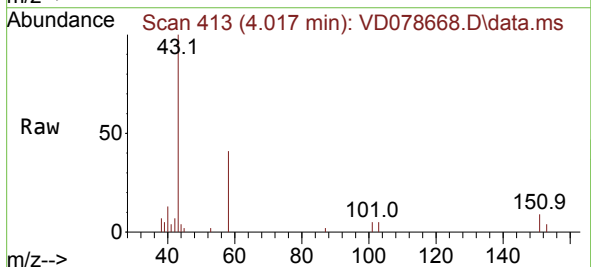
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

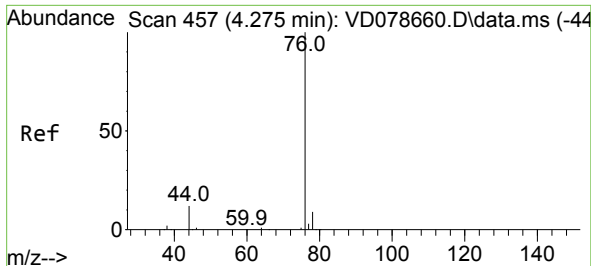
Tgt Ion:	53	Resp:	24077
Ion	Ratio	Lower	Upper
53	100		
52	82.4	61.9	92.9
51	34.5	29.0	43.4



#16
Acetone
Concen: 93.116 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion:	43	Resp:	19547
Ion	Ratio	Lower	Upper
43	100		
58	41.1	28.2	42.4





#17

Carbon Disulfide

Concen: 20.613 ug/l

RT: 4.269 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

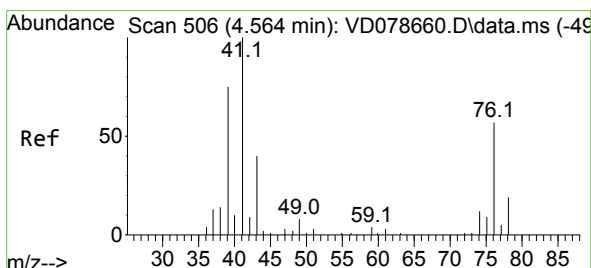
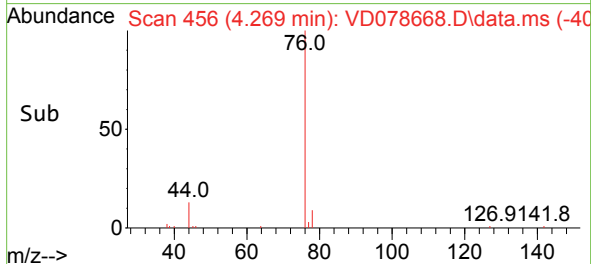
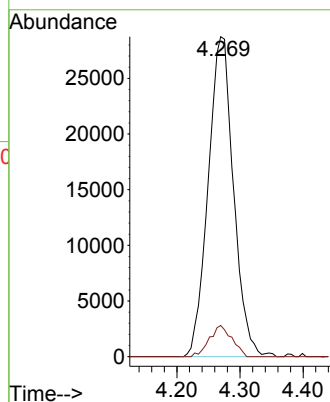
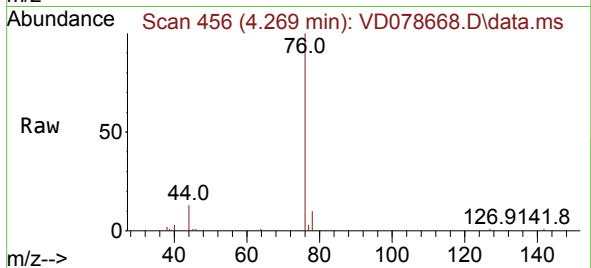
VD0314SBS01

Tgt Ion: 76 Resp: 80091

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9



#18

Methyl Acetate

Concen: 19.261 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.005 min

Lab File: VD078668.D

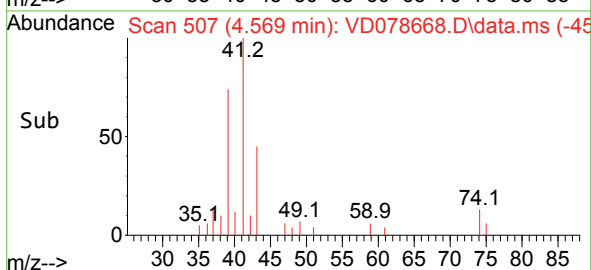
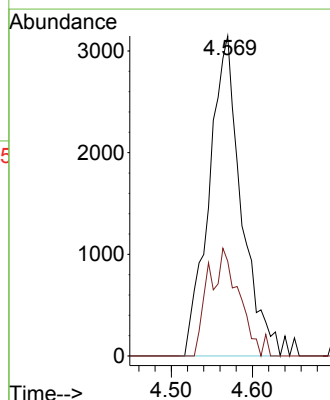
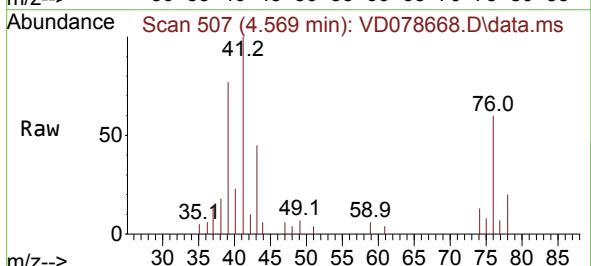
Acq: 14 Mar 2024 15:55

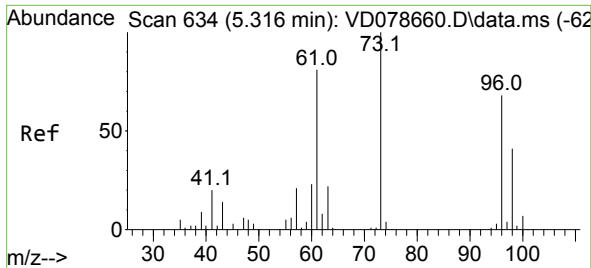
Tgt Ion: 43 Resp: 8677

Ion Ratio Lower Upper

43 100

74 21.7 25.3 37.9#

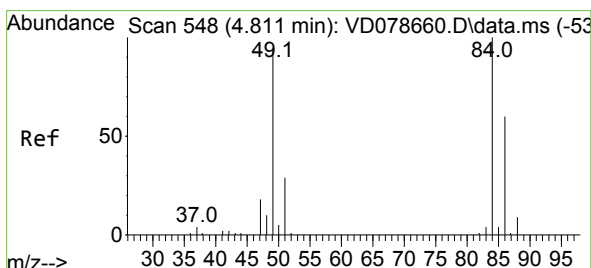
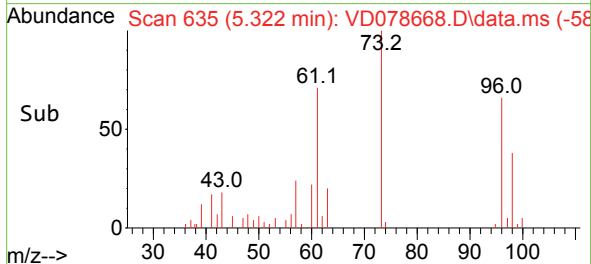
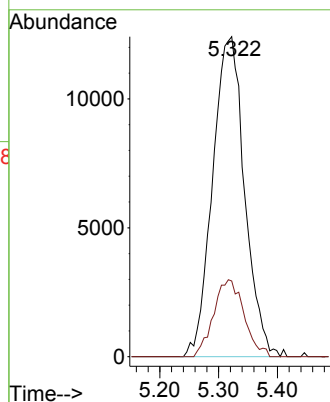
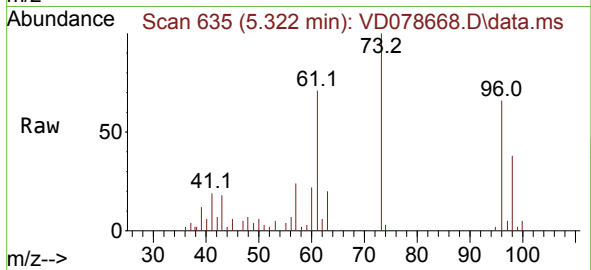




#19
Methyl tert-butyl Ether
Concen: 19.616 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

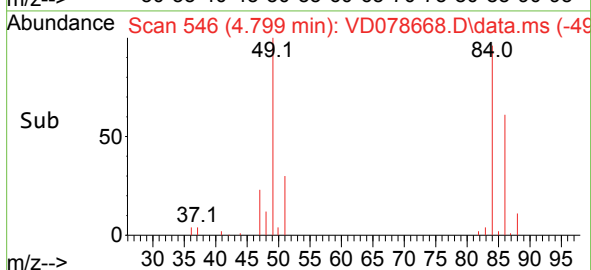
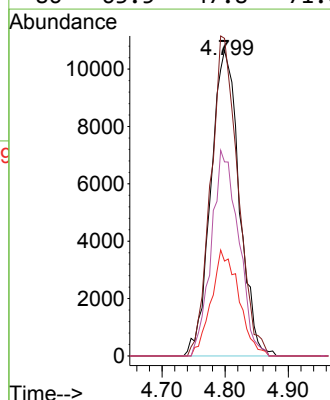
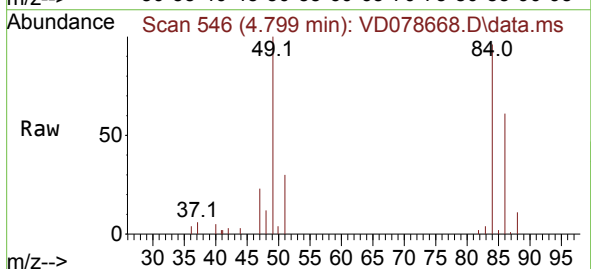
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

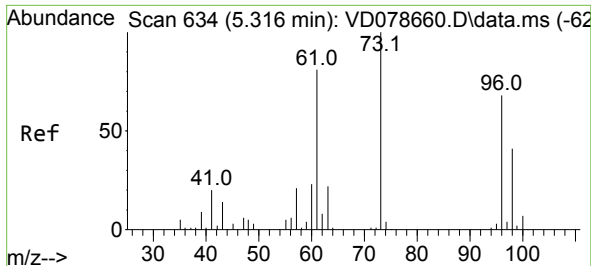
Tgt Ion: 73 Resp: 46885
Ion Ratio Lower Upper
73 100
57 23.6 16.4 24.6



#20
Methylene Chloride
Concen: 20.334 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 84 Resp: 33238
Ion Ratio Lower Upper
84 100
49 103.9 75.6 113.4
51 31.0 23.4 35.0
86 63.5 47.8 71.6

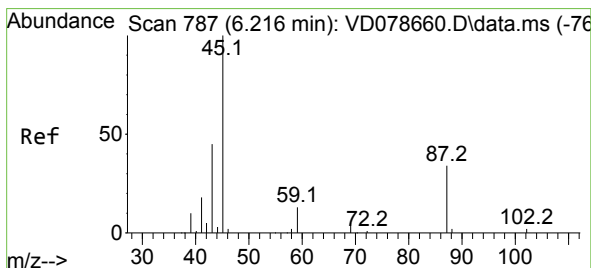
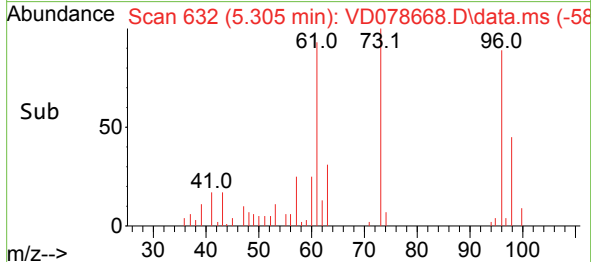
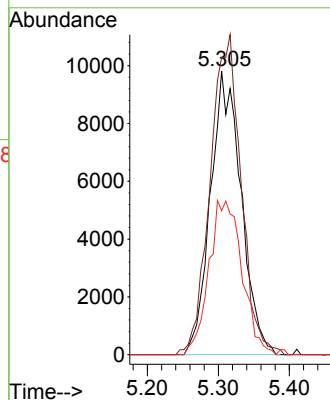
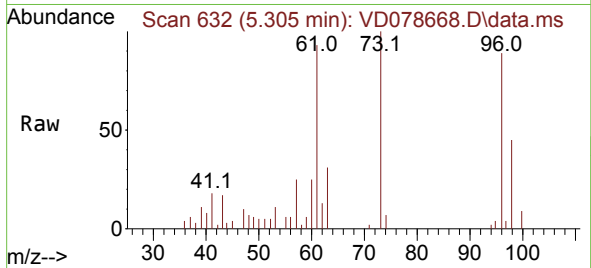




#21
trans-1,2-Dichloroethene
Concen: 21.029 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

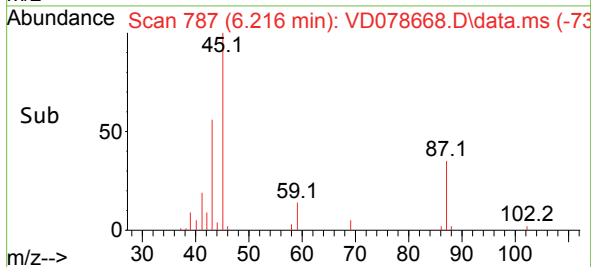
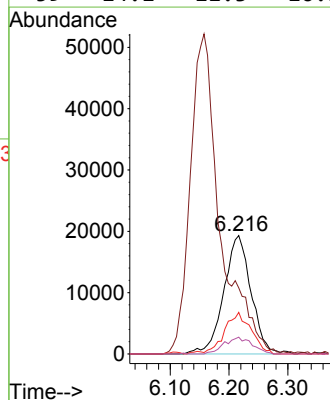
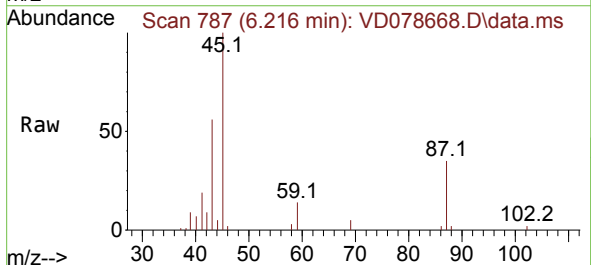
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

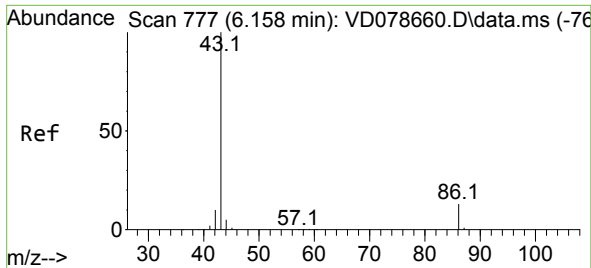
Tgt Ion: 96 Resp: 29409
Ion Ratio Lower Upper
96 100
61 103.2 96.1 144.1
98 50.8 48.9 73.3



#22
Diisopropyl ether
Concen: 20.606 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 45 Resp: 61955
Ion Ratio Lower Upper
45 100
43 54.3 44.3 66.5
87 35.1 28.3 42.5
59 14.1 11.3 16.9

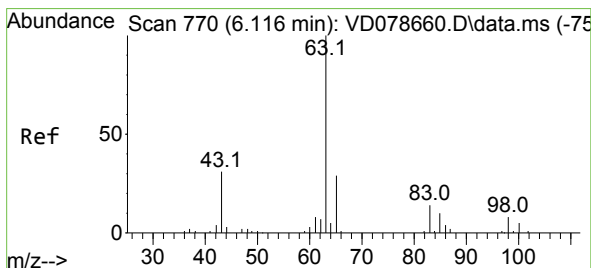
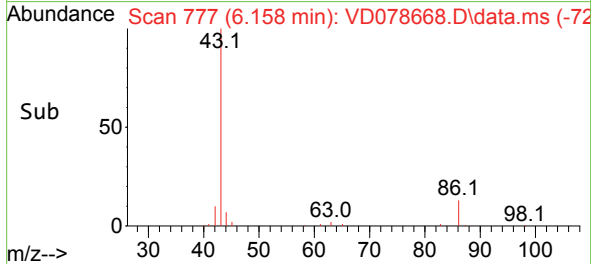
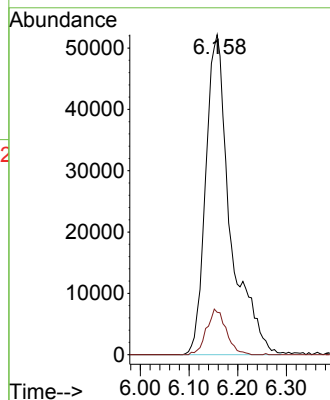
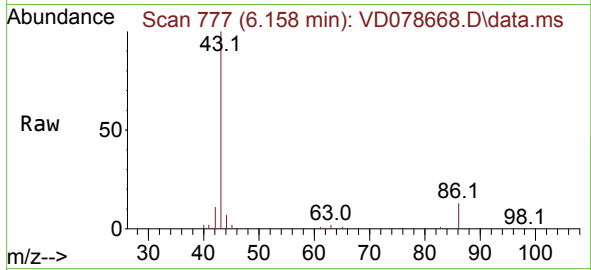




#23
 Vinyl Acetate
 Concen: 104.123 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD078668.D
 Acq: 14 Mar 2024 15:55

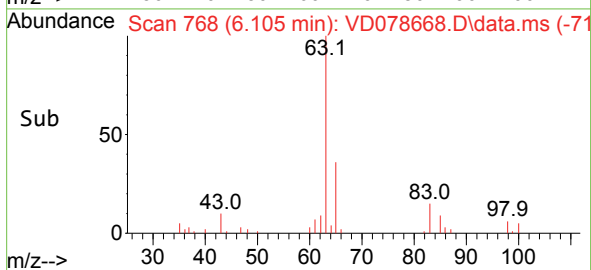
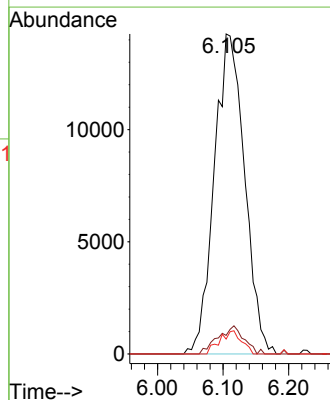
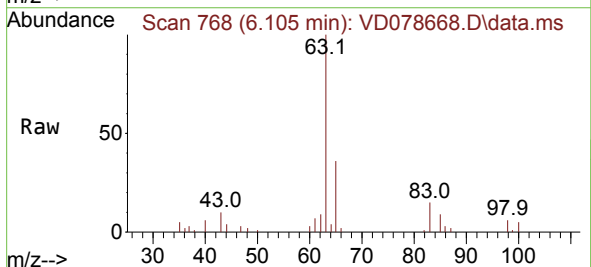
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

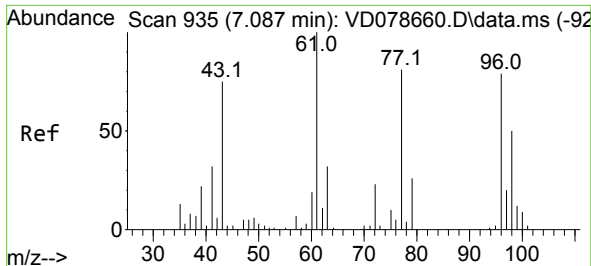
Tgt Ion: 43 Resp: 183127
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 20.267 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD078668.D
 Acq: 14 Mar 2024 15:55

Tgt Ion: 63 Resp: 45686
 Ion Ratio Lower Upper
 63 100
 98 5.8 4.0 11.9
 100 4.6 2.7 8.1

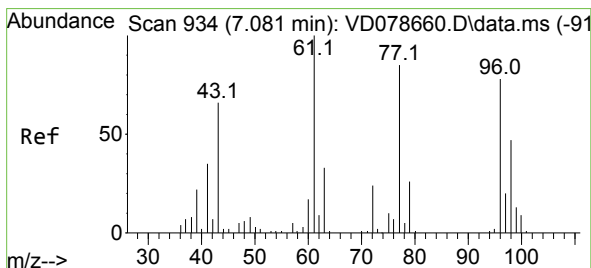
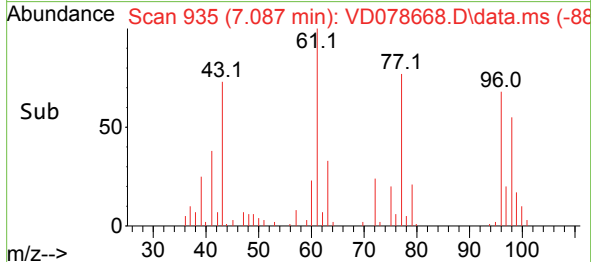
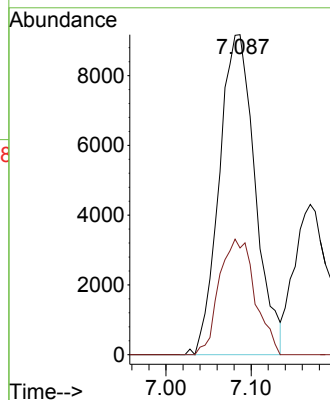
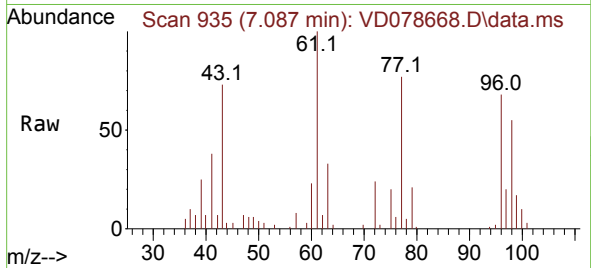




#25
2-Butanone
Concen: 96.130 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

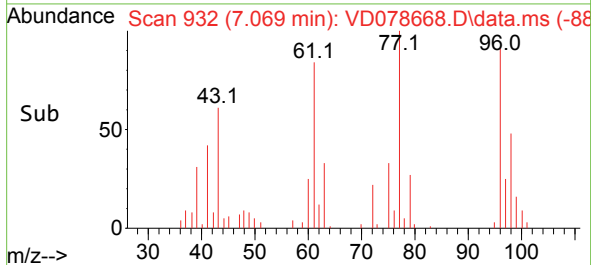
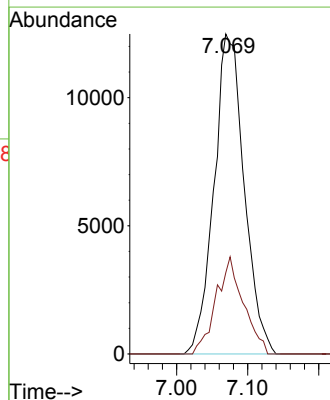
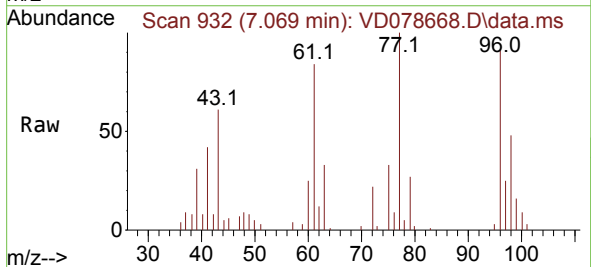
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

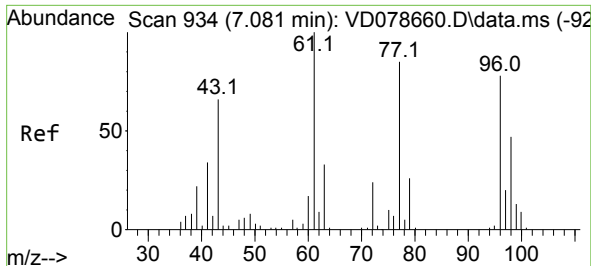
Tgt Ion: 43 Resp: 26829
Ion Ratio Lower Upper
43 100
72 33.3 25.0 37.6



#26
2,2-Dichloropropane
Concen: 19.301 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 77 Resp: 36812
Ion Ratio Lower Upper
77 100
97 27.5 12.4 37.0

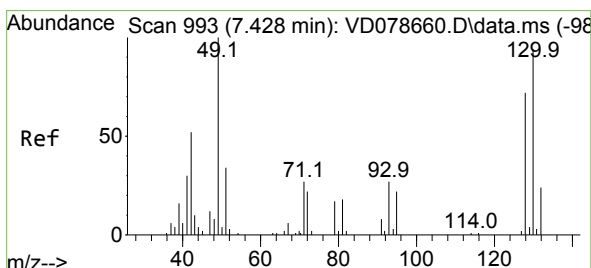
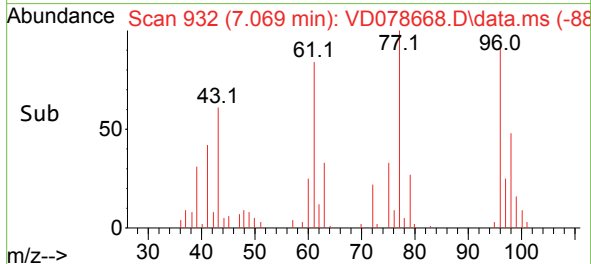
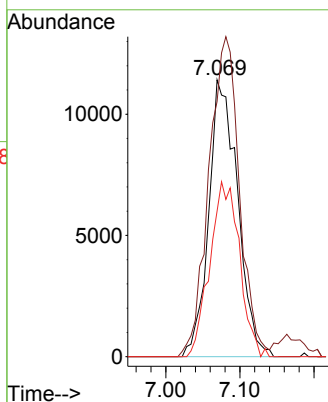
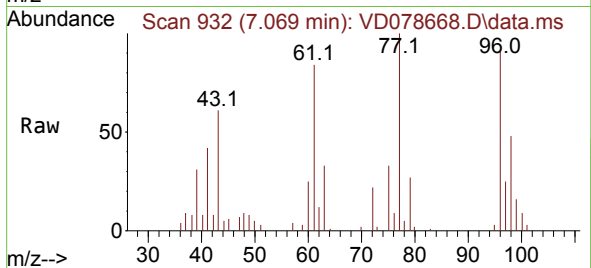




#27
 cis-1,2-Dichloroethene
 Concen: 19.360 ug/l
 RT: 7.069 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VD078668.D
 Acq: 14 Mar 2024 15:55

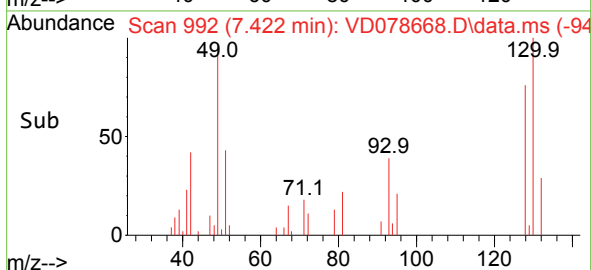
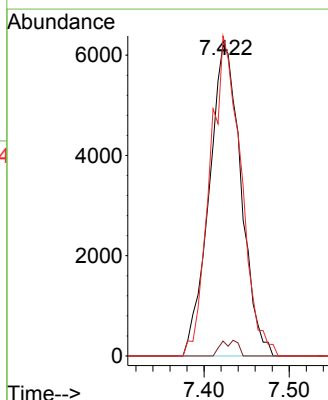
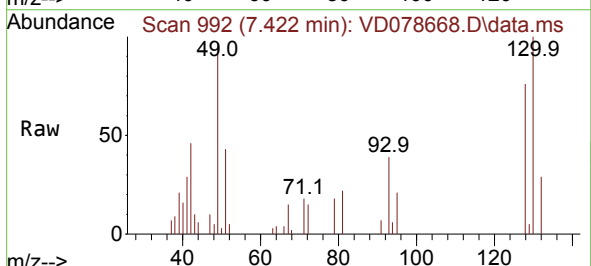
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBSD01

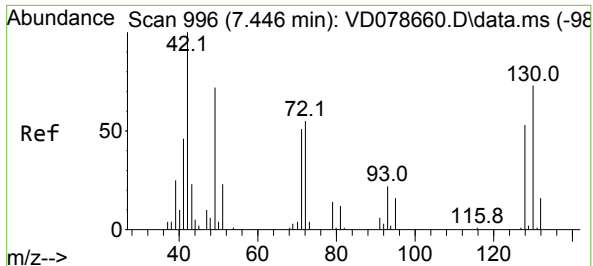
Tgt Ion: 96	Resp: 30880
Ion Ratio	Lower Upper
96 100	
61 122.2	0.0 245.0
98 64.9	0.0 126.6



#28
 Bromochloromethane
 Concen: 20.159 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078668.D
 Acq: 14 Mar 2024 15:55

Tgt Ion: 49	Resp: 16201
Ion Ratio	Lower Upper
49 100	
129 2.7	0.0 6.2
130 100.1	77.1 115.7

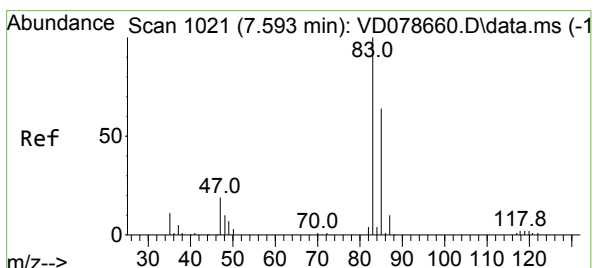
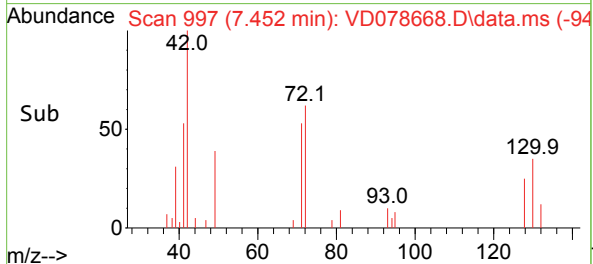
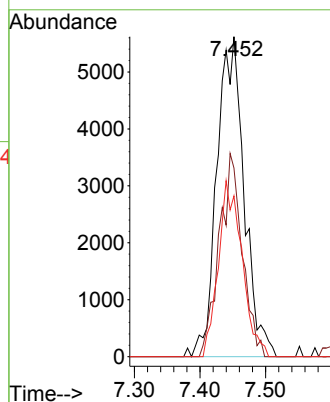
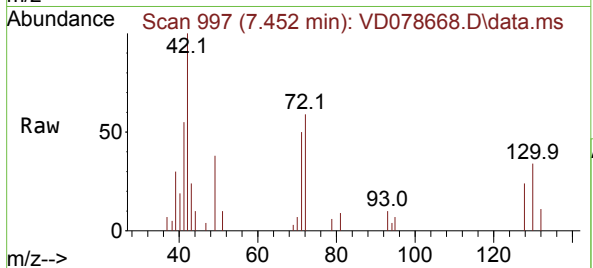




#29
Tetrahydrofuran
Concen: 106.707 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

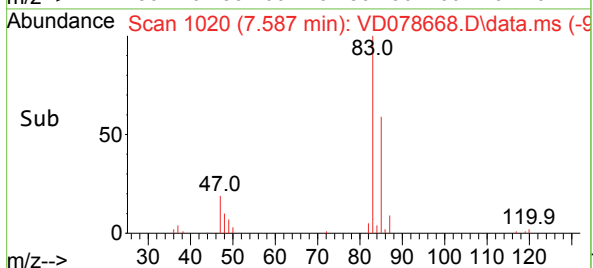
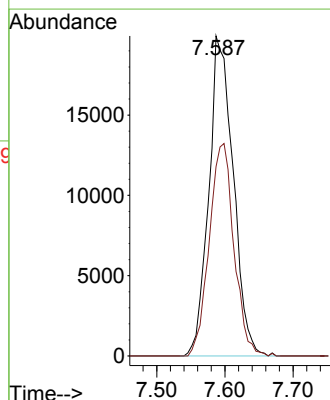
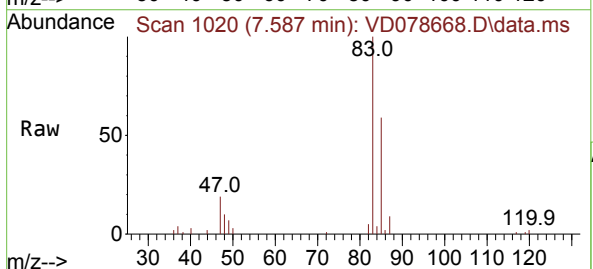
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

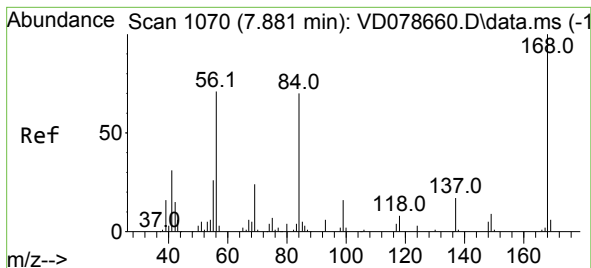
Tgt Ion:	42	Resp:	16198
Ion	Ratio	Lower	Upper
42	100		
72	53.5	43.8	65.6
71	47.7	42.0	63.0



#30
Chloroform
Concen: 19.762 ug/l
RT: 7.587 min Scan# 1020
Delta R.T. -0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion:	83	Resp:	49670
Ion	Ratio	Lower	Upper
83	100		
85	59.1	51.2	76.8





#31

Cyclohexane

Concen: 19.768 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBSD01

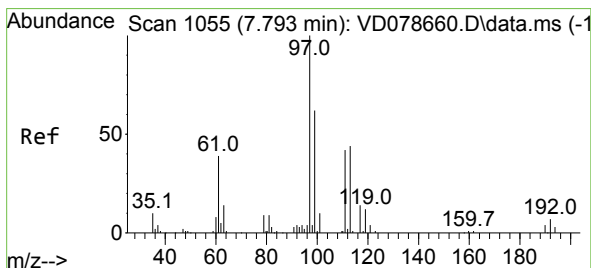
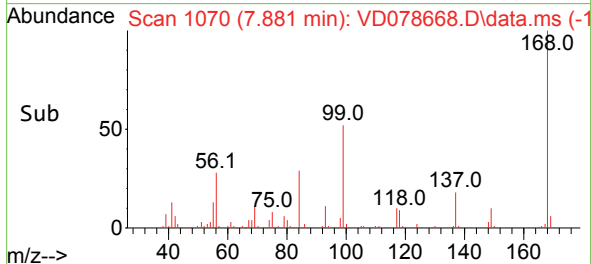
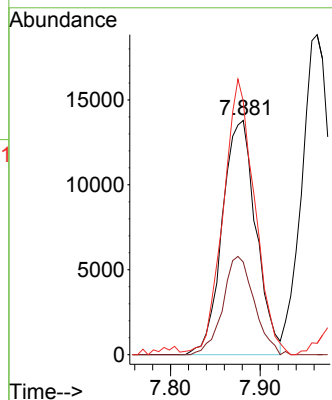
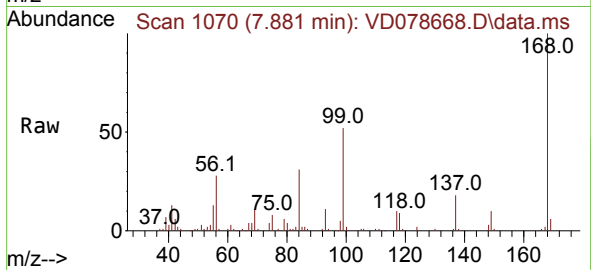
Tgt Ion: 56 Resp: 36070

Ion Ratio Lower Upper

56 100

69 39.5 26.6 40.0

84 107.2 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 19.876 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

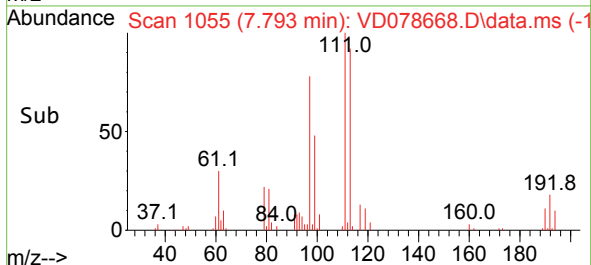
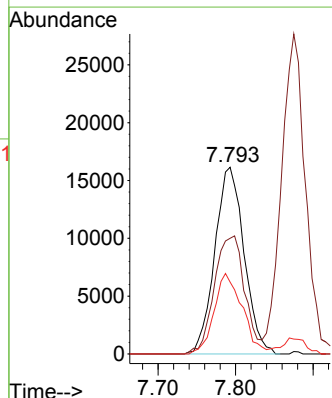
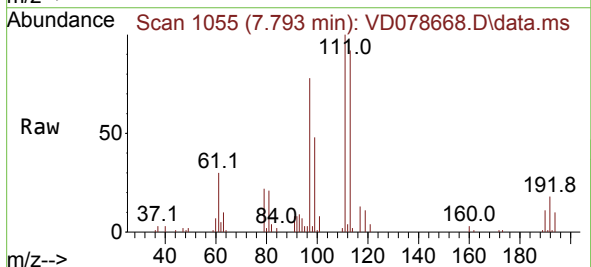
Tgt Ion: 97 Resp: 42385

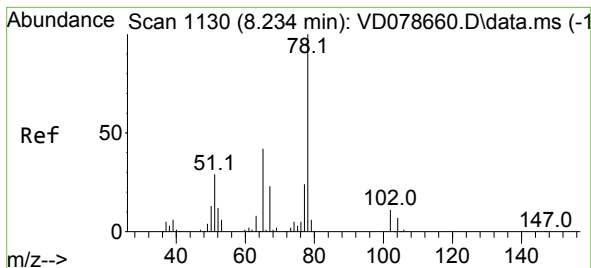
Ion Ratio Lower Upper

97 100

99 65.8 50.8 76.2

61 41.3 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 56.229 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

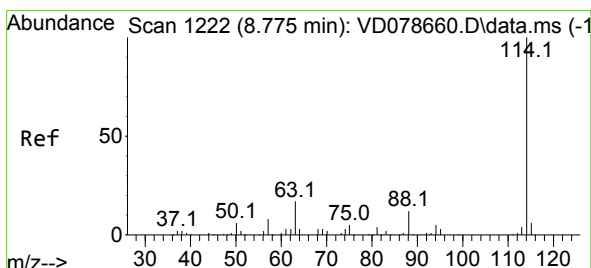
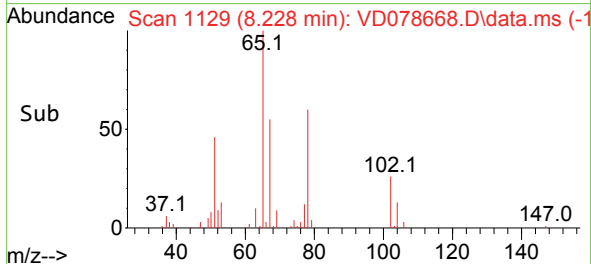
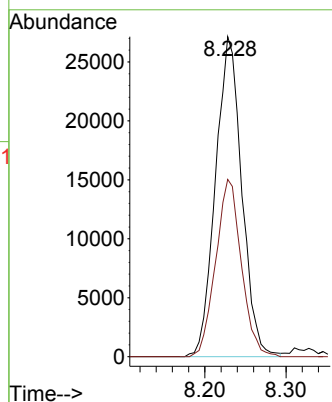
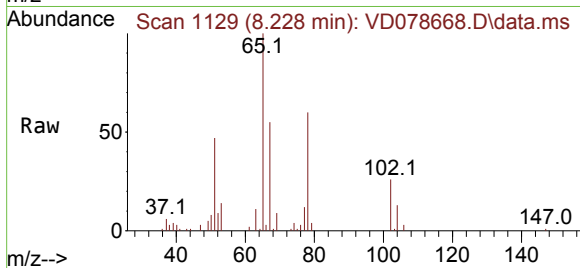
VD0314SBS01

Tgt Ion: 65 Resp: 61041

Ion Ratio Lower Upper

65 100

67 54.1 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

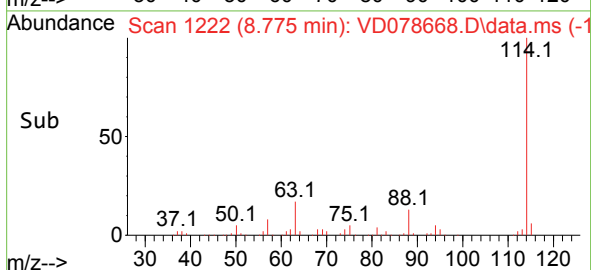
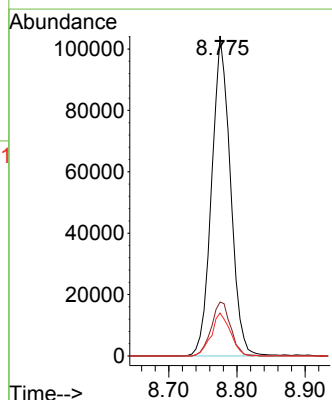
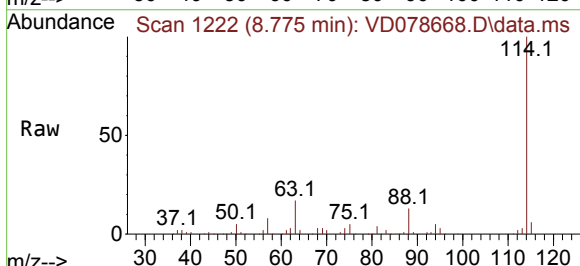
Tgt Ion: 114 Resp: 199930

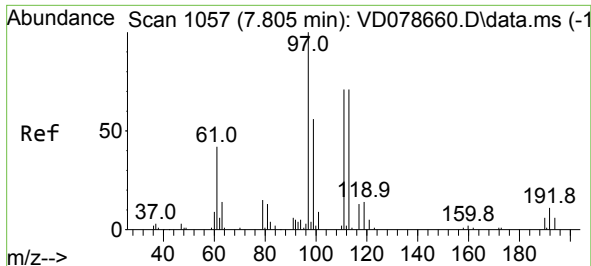
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 13.4 0.0 24.6

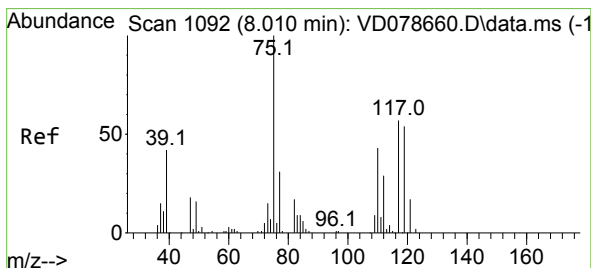
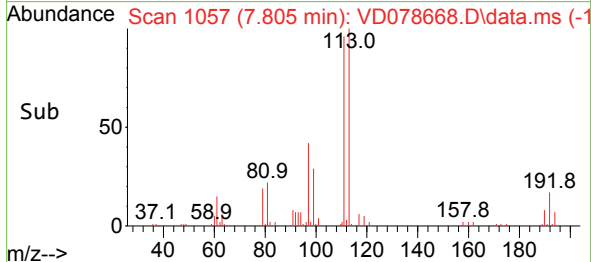
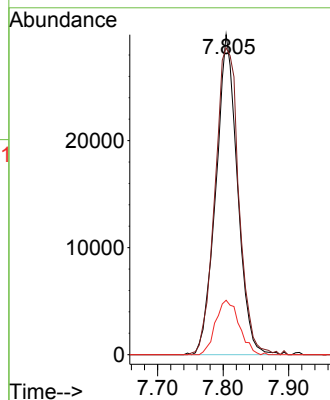
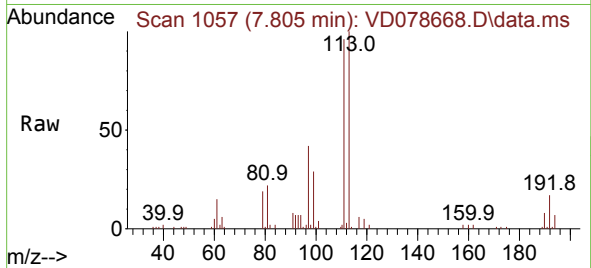




#35
Dibromofluoromethane
Concen: 52.946 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

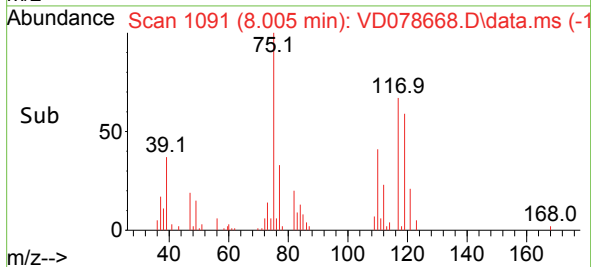
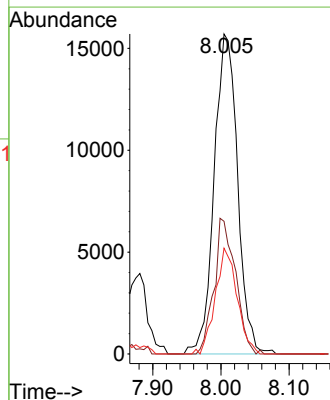
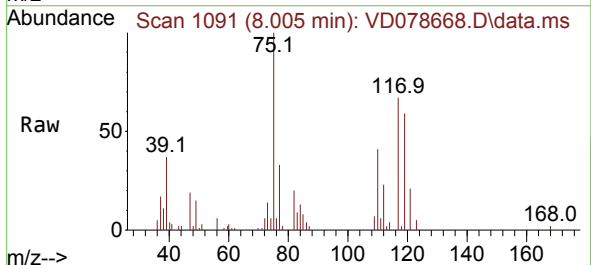
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

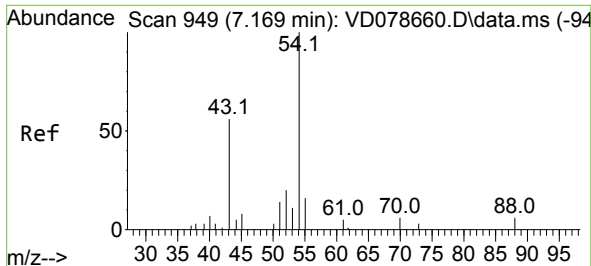
Tgt Ion:113 Resp: 68154
Ion Ratio Lower Upper
113 100
111 106.1 81.9 122.9
192 18.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 20.123 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 75 Resp: 37584
Ion Ratio Lower Upper
75 100
110 38.9 19.1 57.1
77 30.8 25.4 38.2

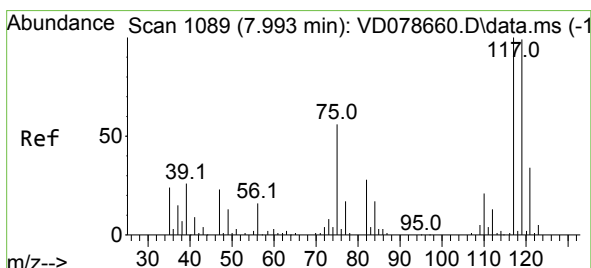
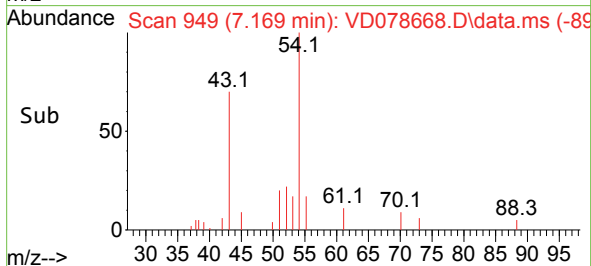
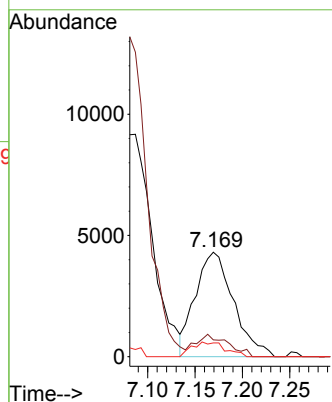
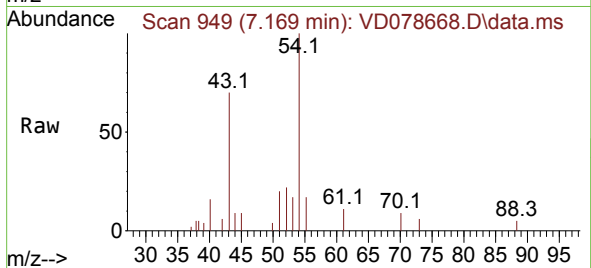




#37
Ethyl Acetate
Concen: 19.764 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

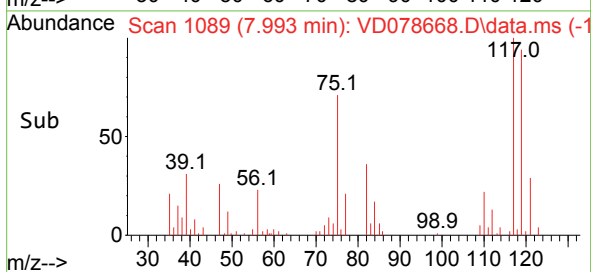
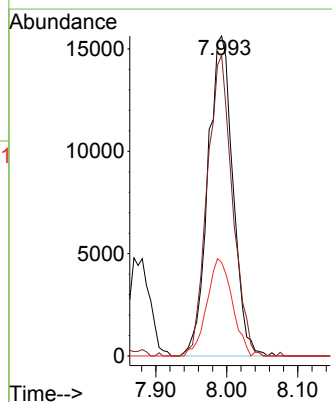
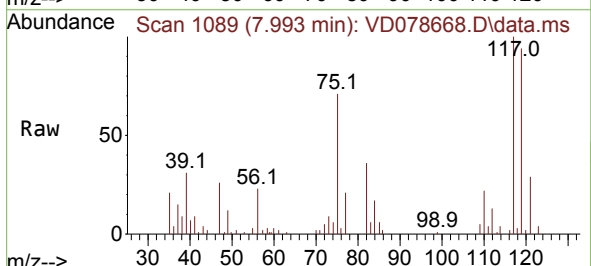
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

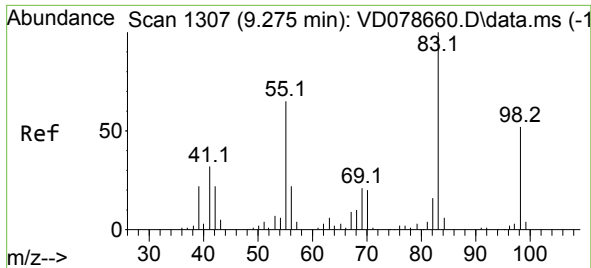
Tgt Ion:	43	Resp:	12059
Ion Ratio	Lower	Upper	
43	100		
61	18.0	14.6	21.8
70	12.3	9.4	14.0



#38
Carbon Tetrachloride
Concen: 19.433 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion:	117	Resp:	38263
Ion Ratio	Lower	Upper	
117	100		
119	94.1	79.2	118.8
121	29.2	26.8	40.2





#39

Methylcyclohexane

Concen: 19.482 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBSD01

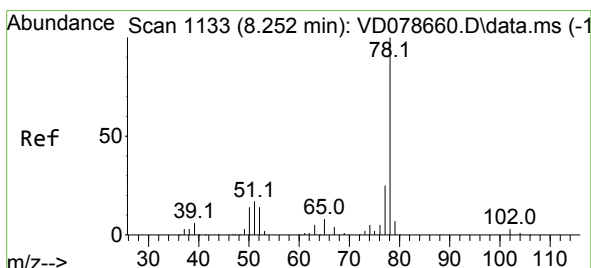
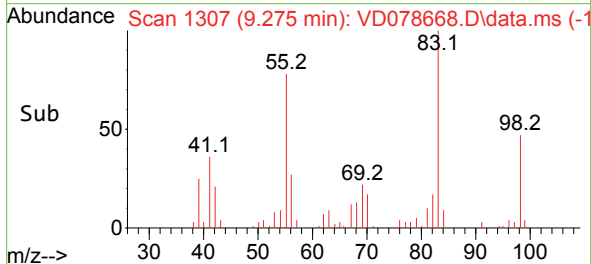
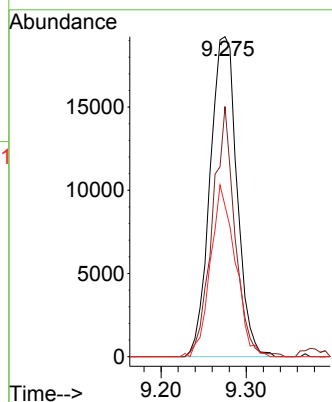
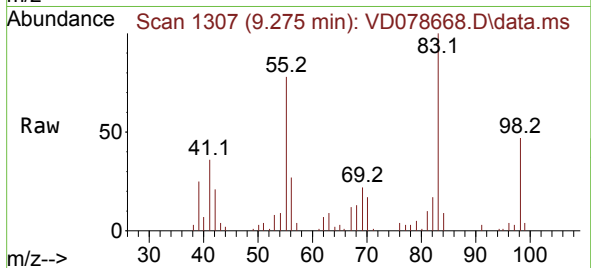
Tgt Ion: 83 Resp: 42209

Ion Ratio Lower Upper

83 100

55 78.2 51.7 77.5#

98 47.1 41.4 62.0



#40

Benzene

Concen: 19.485 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078668.D

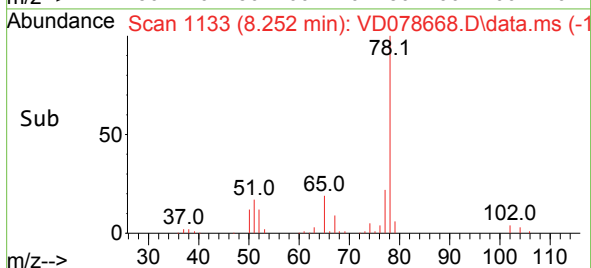
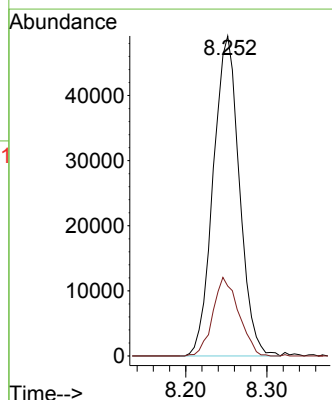
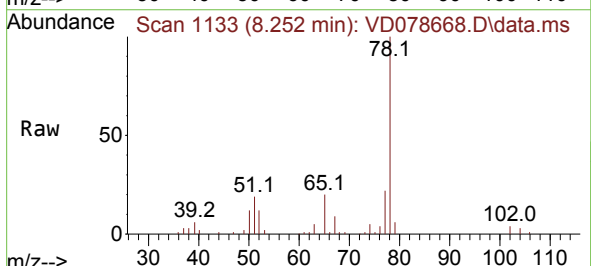
Acq: 14 Mar 2024 15:55

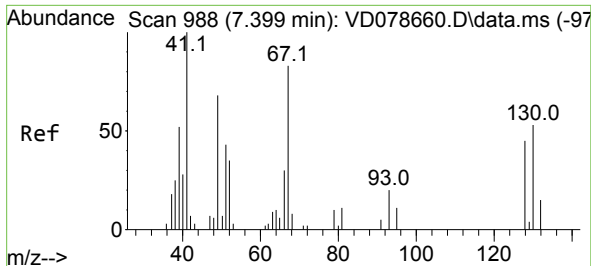
Tgt Ion: 78 Resp: 110011

Ion Ratio Lower Upper

78 100

77 21.9 20.4 30.6

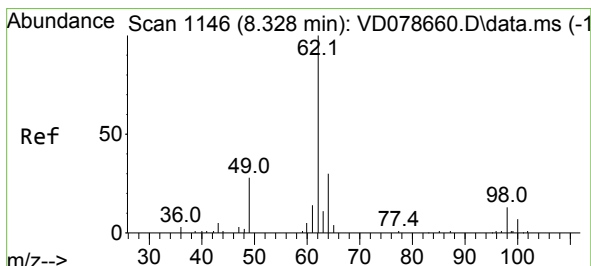
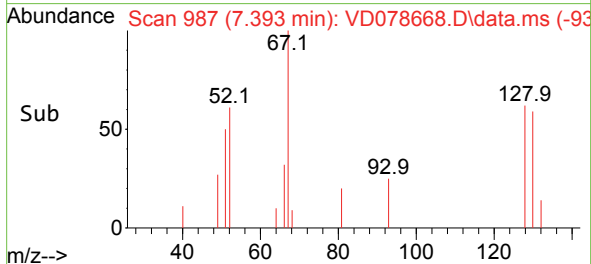
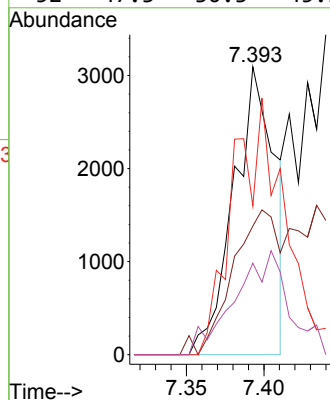
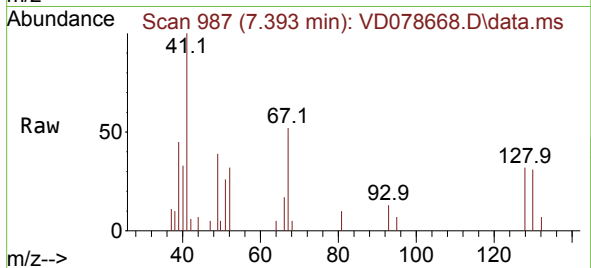




#41
Methacrylonitrile
Concen: 17.764 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

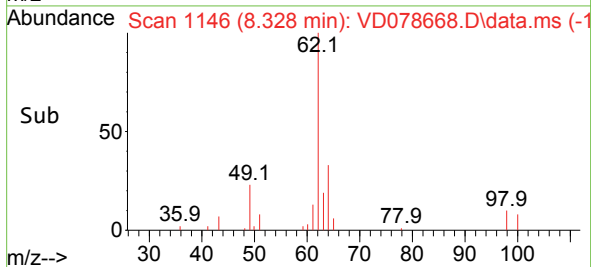
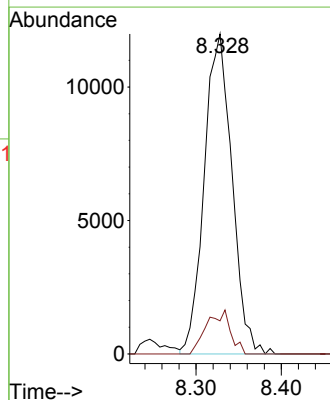
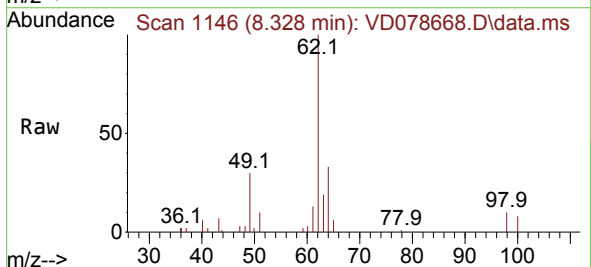
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

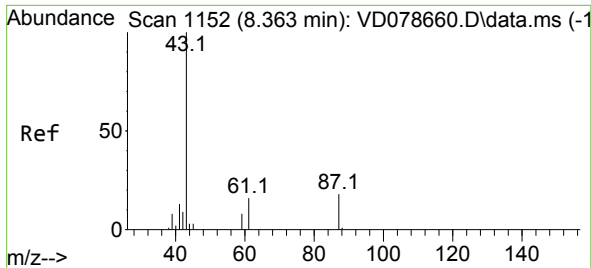
Tgt Ion: 41 Resp: 5680
Ion Ratio Lower Upper
41 100
39 56.7 39.8 59.6
67 50.9 83.5 125.3#
52 47.3 30.3 45.5#



#42
1,2-Dichloroethane
Concen: 19.684 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 62 Resp: 27102
Ion Ratio Lower Upper
62 100
98 11.8 0.0 23.8

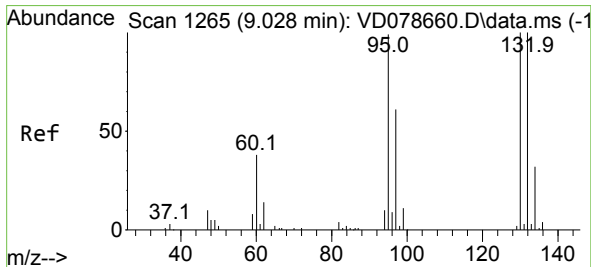
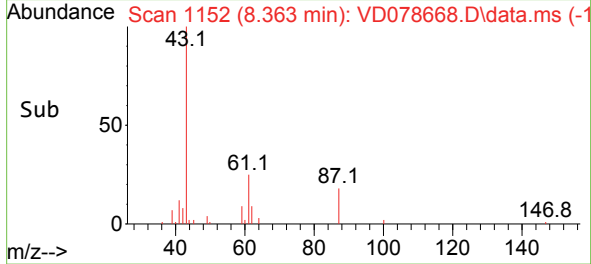
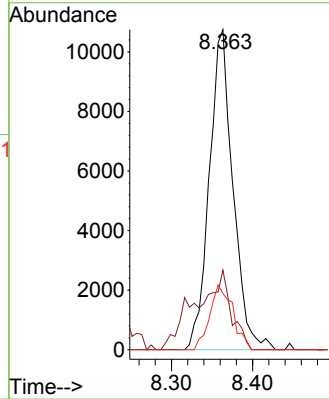
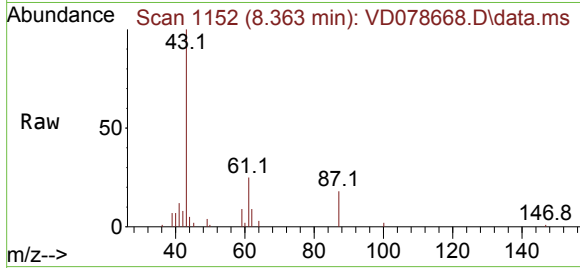




#43
Isopropyl Acetate
Concen: 19.621 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

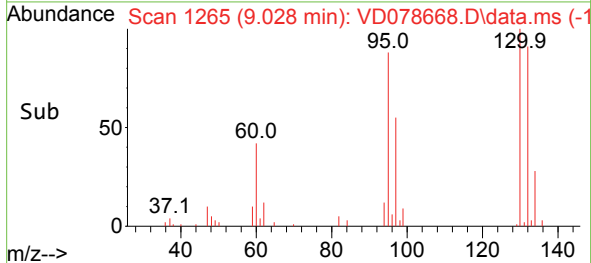
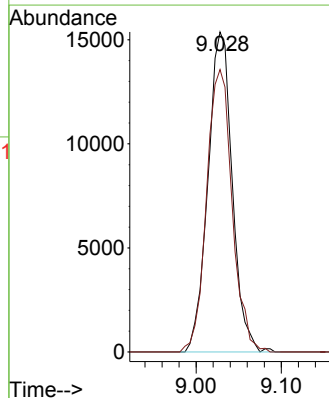
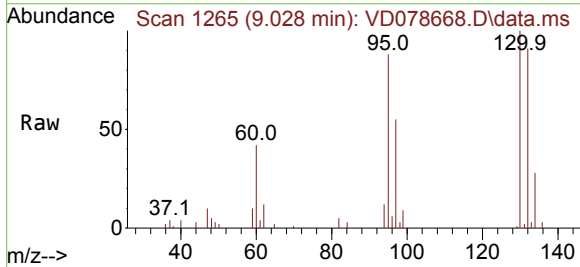
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

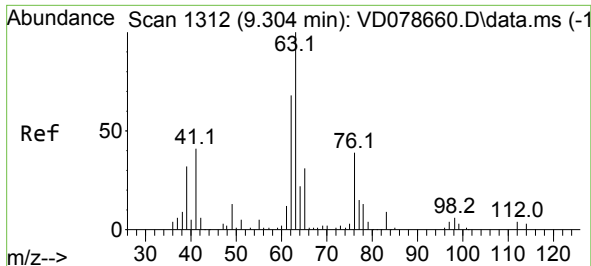
Tgt Ion	Ratio	Lower	Upper
43	100		
61	23.5	30.1	45.1#
87	19.8	14.4	21.6



#44
Trichloroethene
Concen: 19.907 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.2	0.0	197.8





#45

1,2-Dichloropropane

Concen: 19.731 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

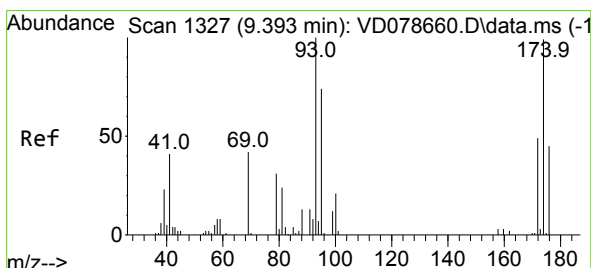
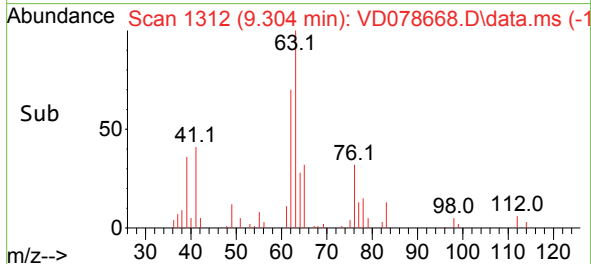
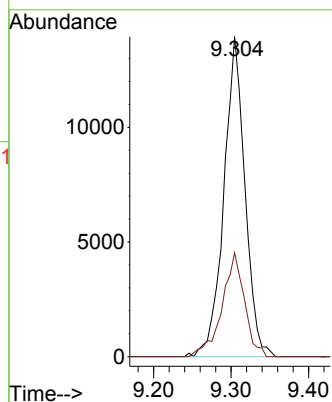
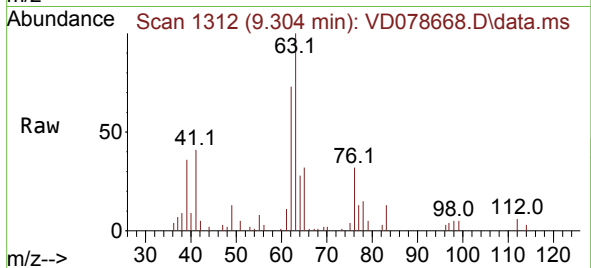
VD0314SBSD01

Tgt Ion: 63 Resp: 26426

Ion Ratio Lower Upper

63 100

65 32.5 24.8 37.2



#46

Dibromomethane

Concen: 19.357 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

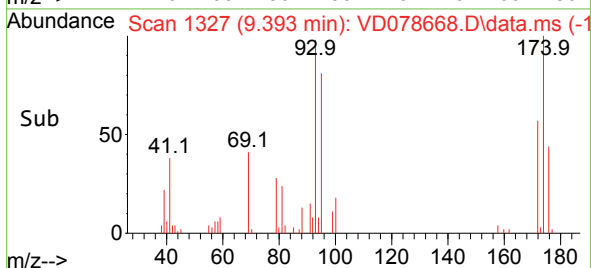
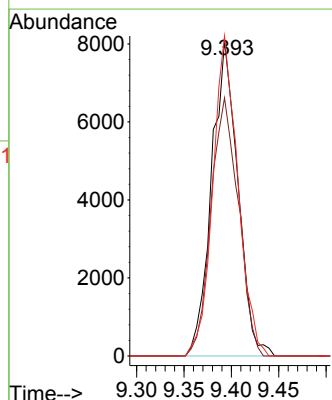
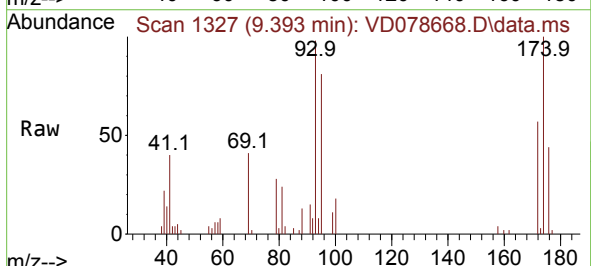
Tgt Ion: 93 Resp: 15541

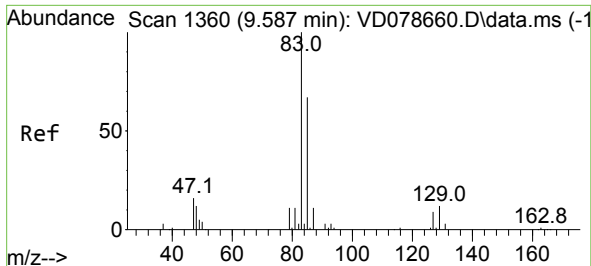
Ion Ratio Lower Upper

93 100

95 85.5 67.3 100.9

174 97.1 80.9 121.3

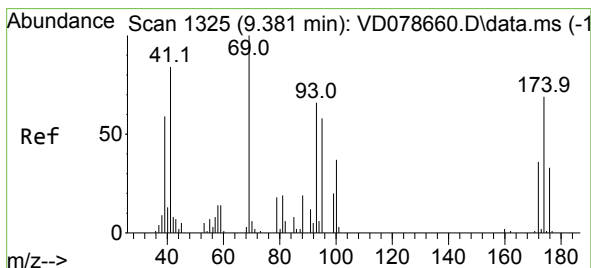
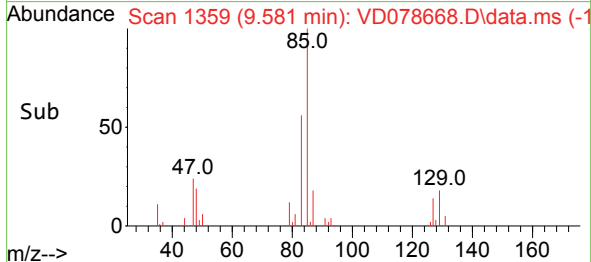
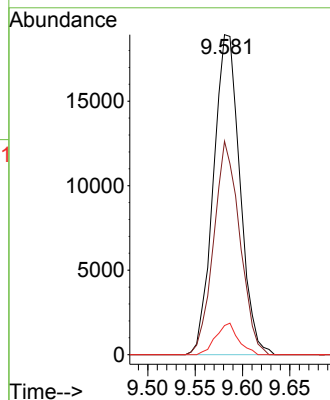
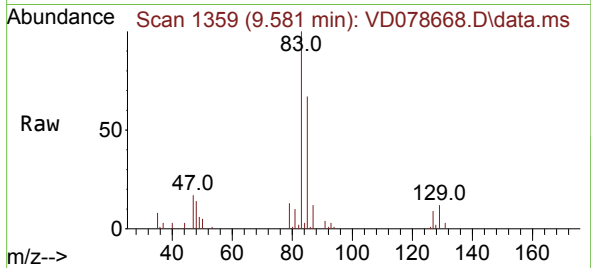




#47
Bromodichloromethane
Concen: 19.280 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

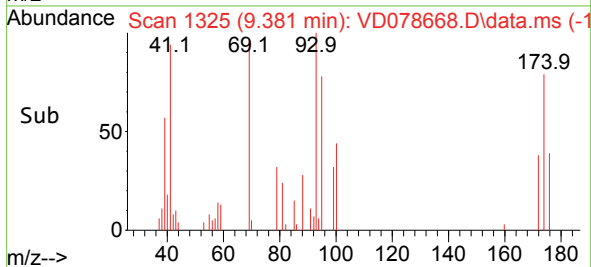
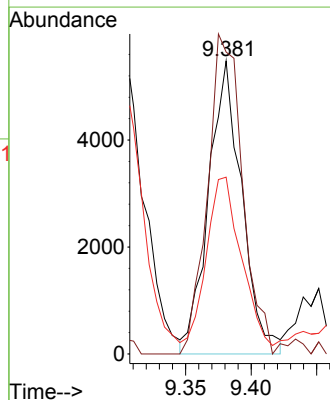
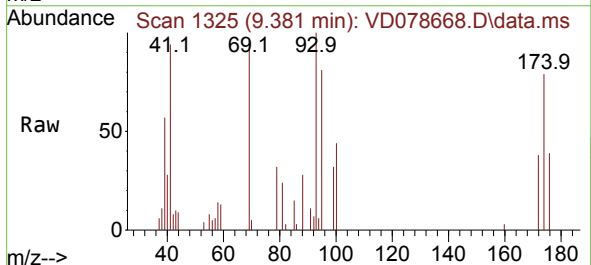
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

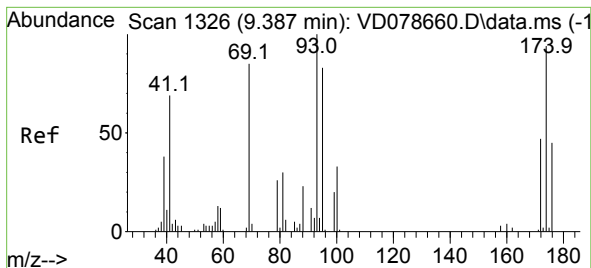
Tgt Ion: 83 Resp: 36849
Ion Ratio Lower Upper
83 100
85 66.7 54.0 81.0
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 17.893 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 41 Resp: 9674
Ion Ratio Lower Upper
41 100
69 115.0 88.3 132.5
39 59.9 46.6 69.8





#49

1,4-Dioxane

Concen: 444.609 ug/l

RT: 9.381 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBSD01

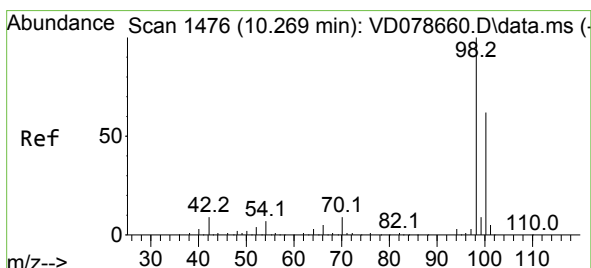
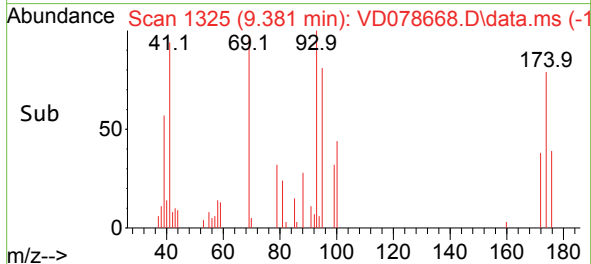
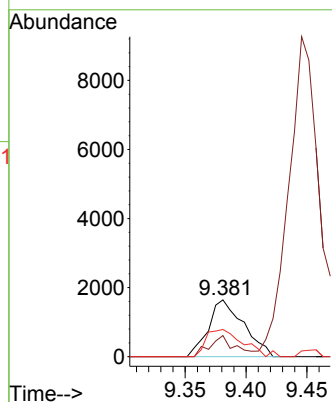
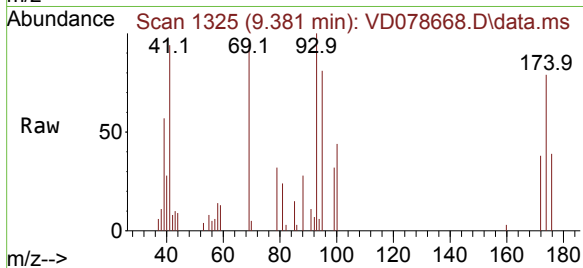
Tgt Ion: 88 Resp: 3305

Ion Ratio Lower Upper

88 100

43 26.5 23.2 34.8

58 50.1 51.0 76.6#



#50

Toluene-d8

Concen: 55.107 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078668.D

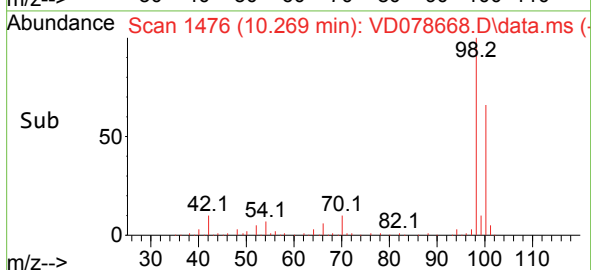
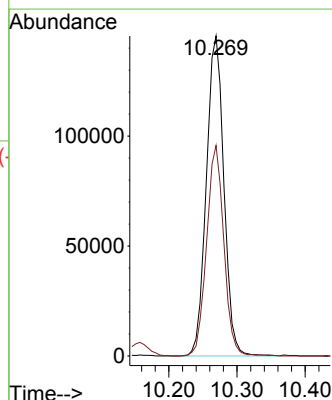
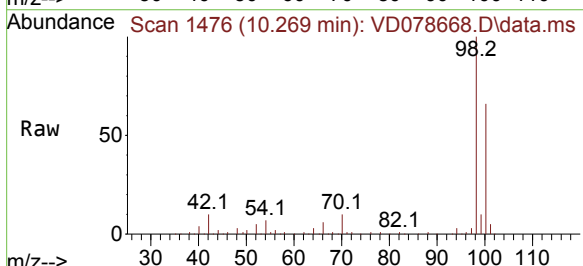
Acq: 14 Mar 2024 15:55

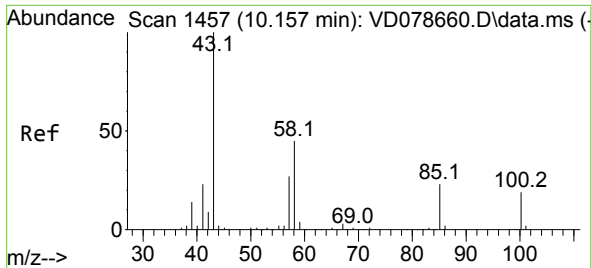
Tgt Ion: 98 Resp: 260882

Ion Ratio Lower Upper

98 100

100 64.6 50.5 75.7

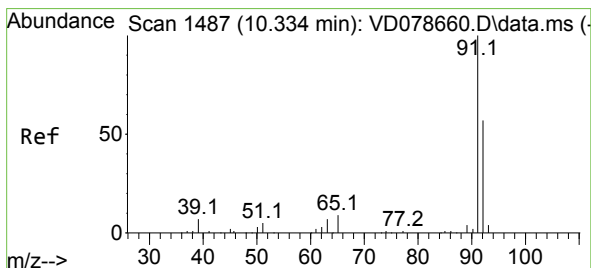
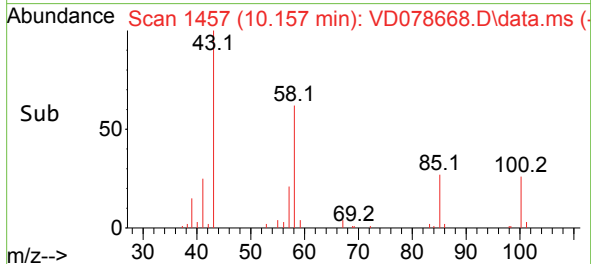
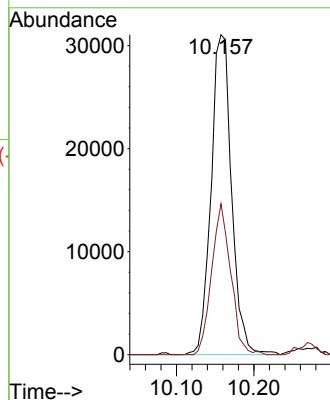
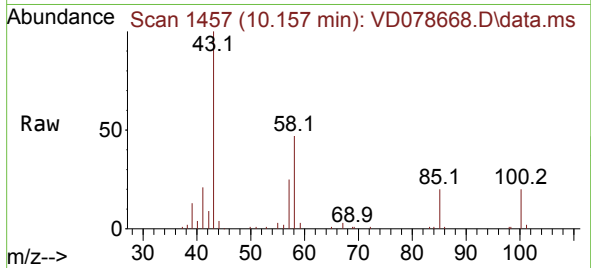




#51
4-Methyl-2-Pentanone
Concen: 98.620 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

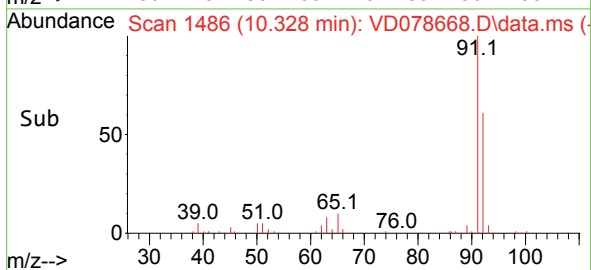
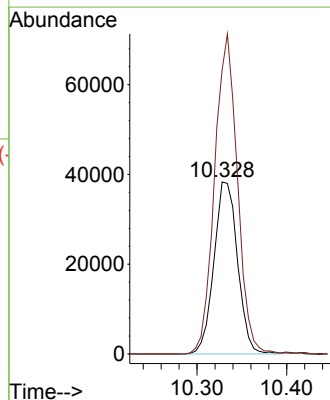
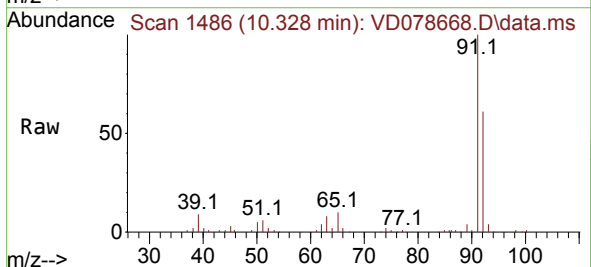
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

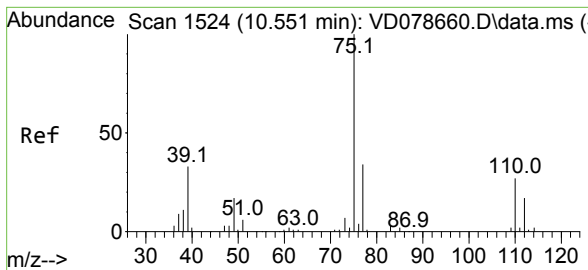
Tgt Ion: 43 Resp: 57210
Ion Ratio Lower Upper
43 100
58 43.9 36.4 54.6



#52
Toluene
Concen: 19.264 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 92 Resp: 70022
Ion Ratio Lower Upper
92 100
91 179.9 136.6 205.0

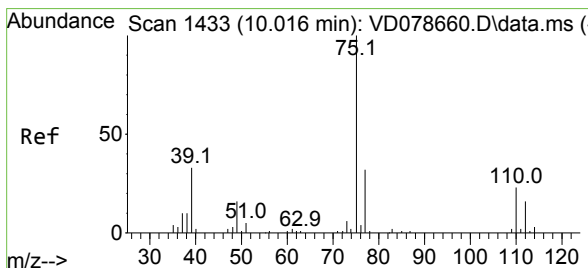
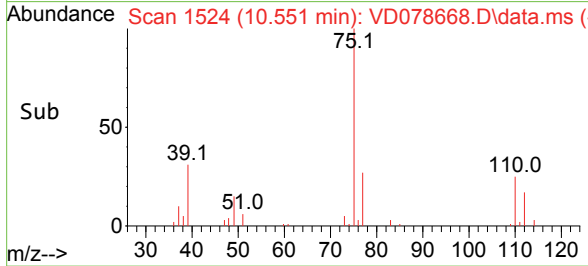
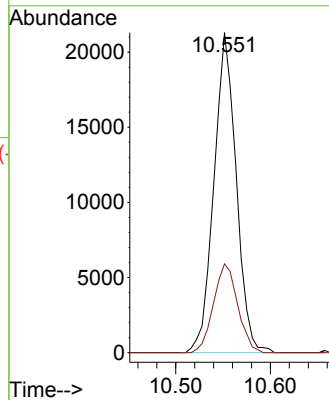
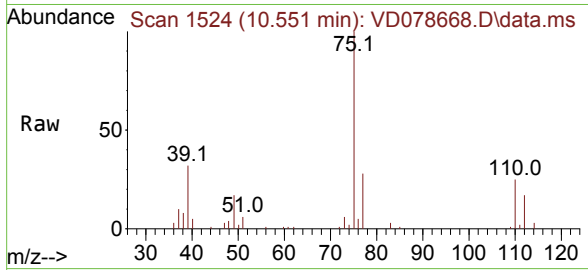




#53
 t-1,3-Dichloropropene
 Concen: 19.905 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD078668.D
 Acq: 14 Mar 2024 15:55

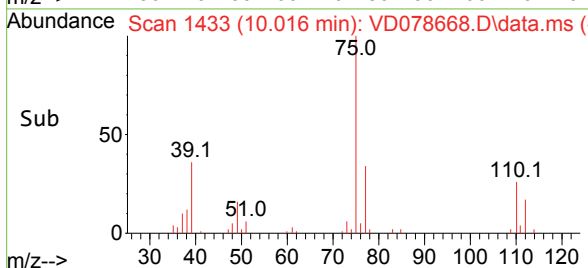
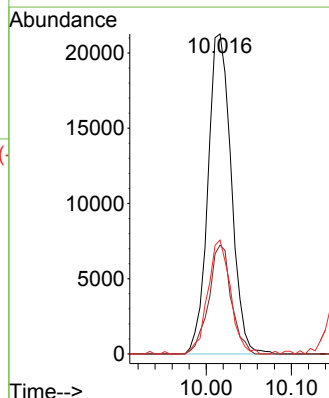
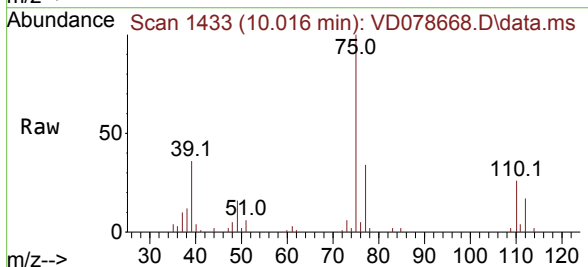
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBSD01

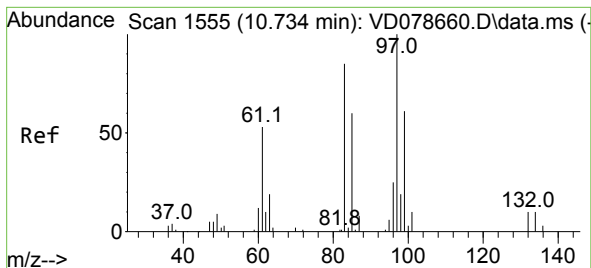
Tgt Ion: 75 Resp: 34784
 Ion Ratio Lower Upper
 75 100
 77 27.7 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.195 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078668.D
 Acq: 14 Mar 2024 15:55

Tgt Ion: 75 Resp: 40323
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.4 38.0
 39 35.6 26.7 40.1

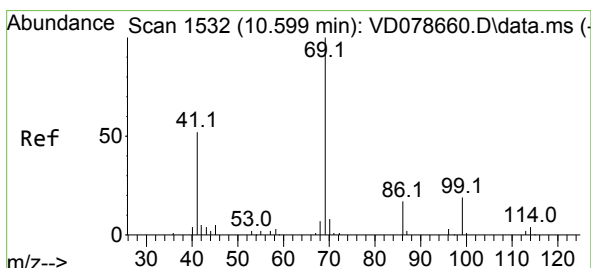
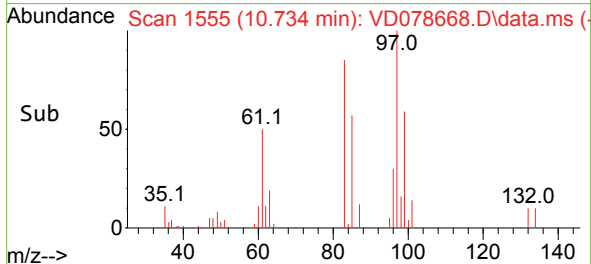
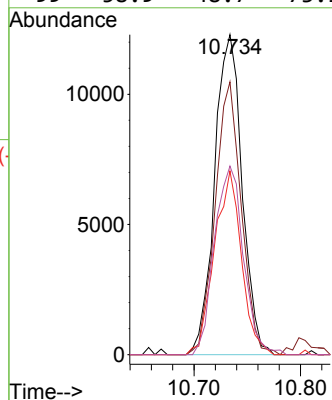
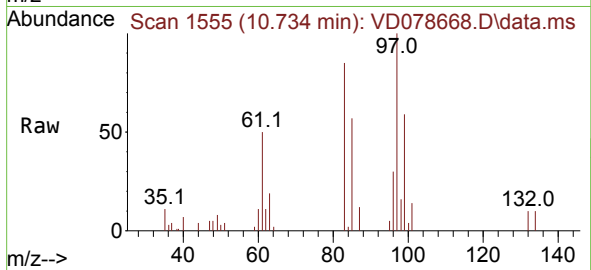




#55
1,1,2-Trichloroethane
Concen: 20.442 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

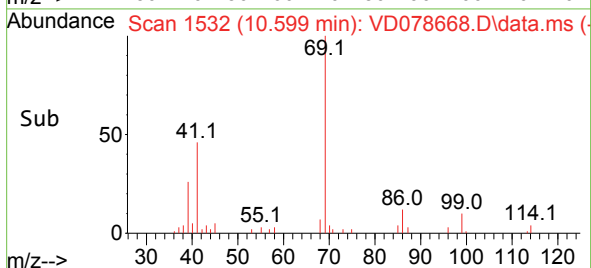
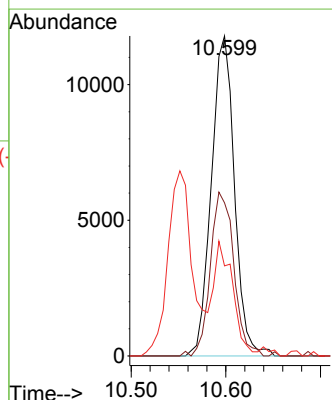
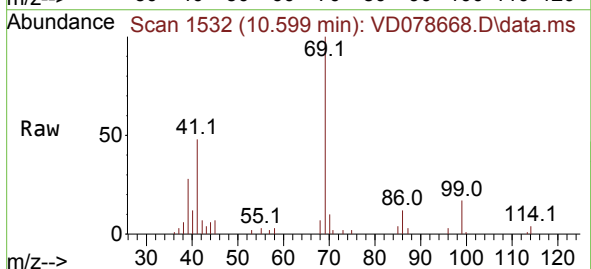
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

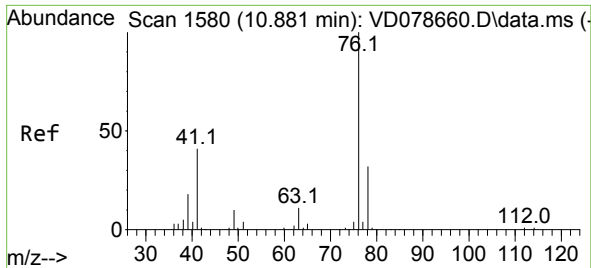
Tgt Ion:	97	Resp:	21977
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.1	102.1
85	57.4	48.2	72.2
99	58.9	48.7	73.1



#56
Ethyl methacrylate
Concen: 18.522 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion:	69	Resp:	19963
Ion	Ratio	Lower	Upper
69	100		
41	52.2	40.9	61.3
39	29.6	25.5	38.3

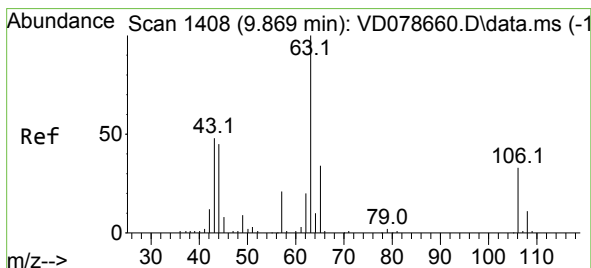
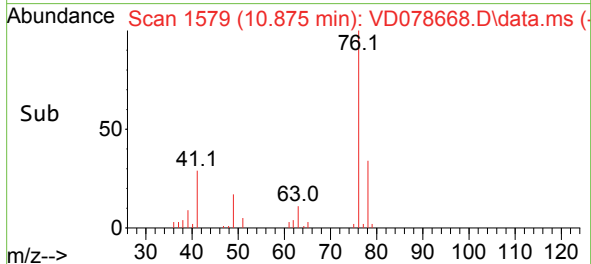
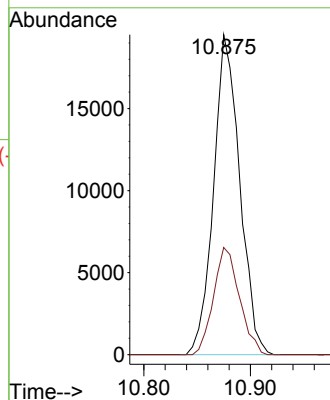
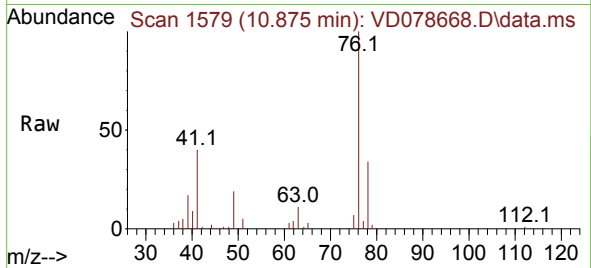




#57
1,3-Dichloropropane
Concen: 19.162 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

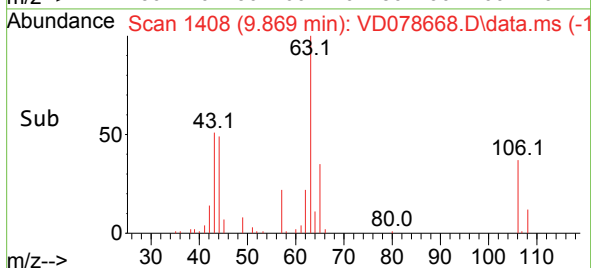
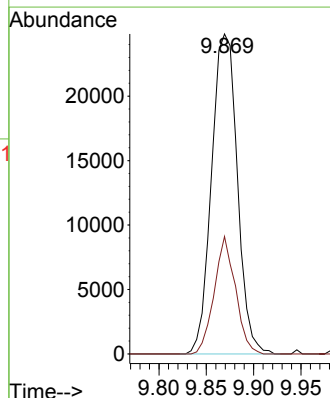
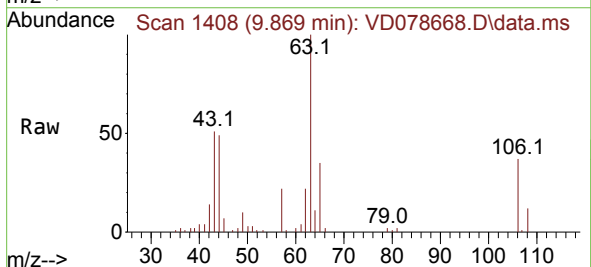
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

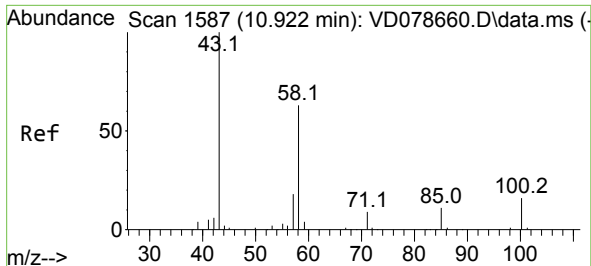
Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.8	40.2



#58
2-Chloroethyl Vinyl ether
Concen: 98.884 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.3	25.2	37.8

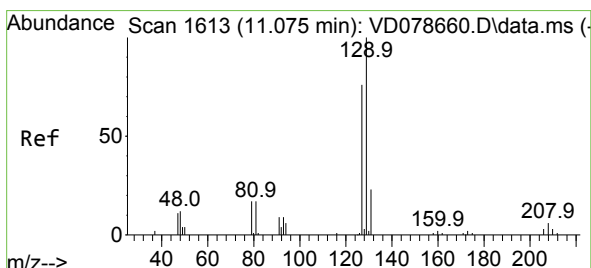
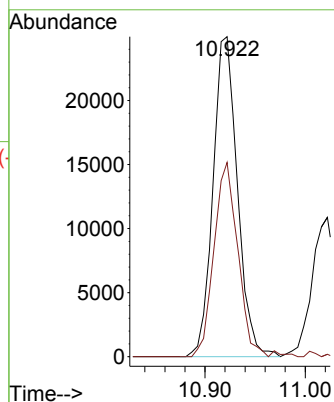
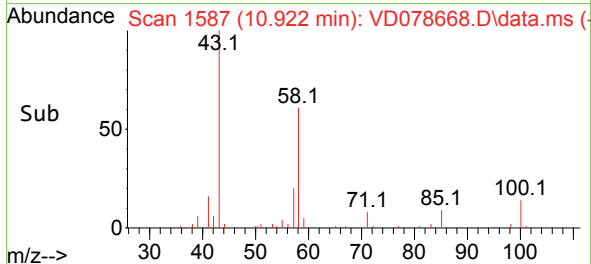
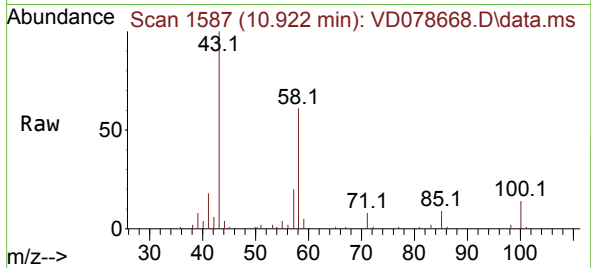




#59
2-Hexanone
Concen: 98.200 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

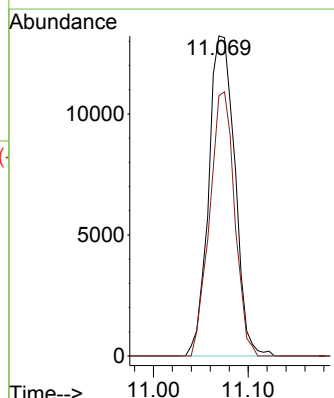
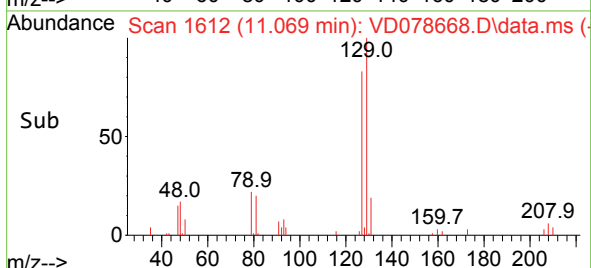
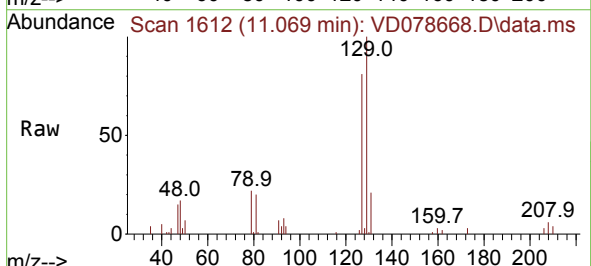
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

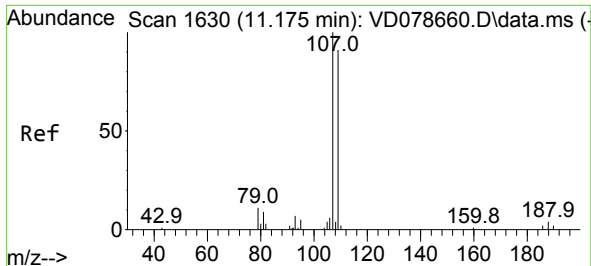
Tgt Ion: 43 Resp: 42230
Ion Ratio Lower Upper
43 100
58 59.1 31.5 94.5



#60
Dibromochloromethane
Concen: 19.165 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 129 Resp: 25410
Ion Ratio Lower Upper
129 100
127 78.7 38.8 116.3

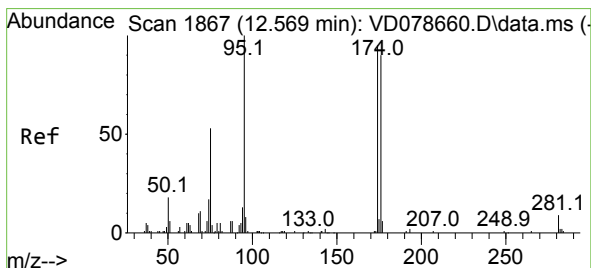
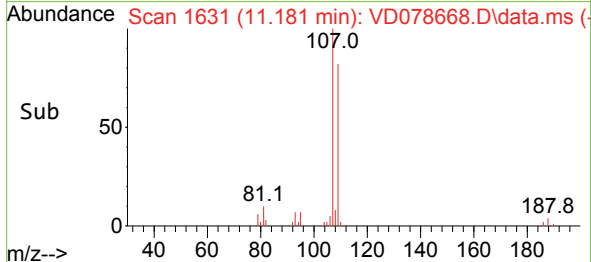
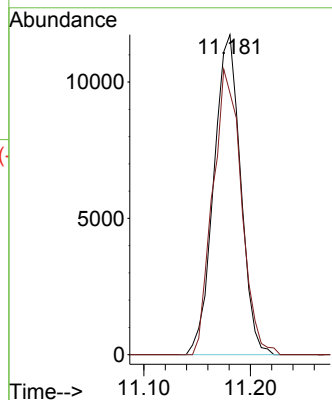
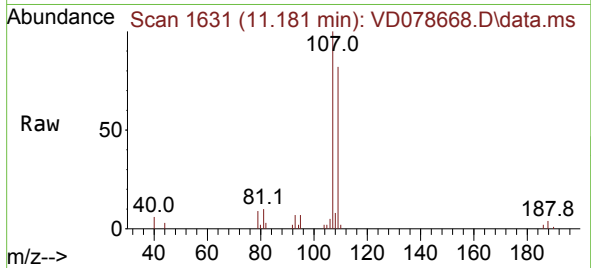




#61
1,2-Dibromoethane
Concen: 19.702 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

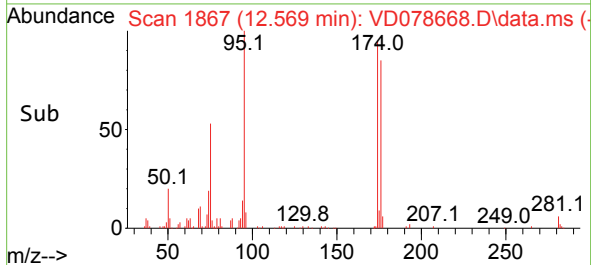
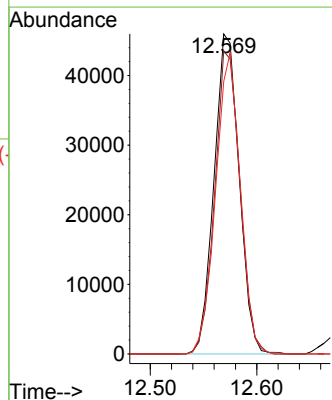
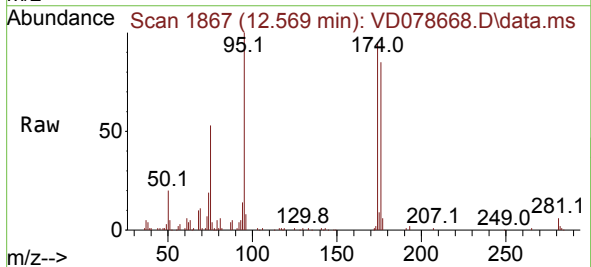
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

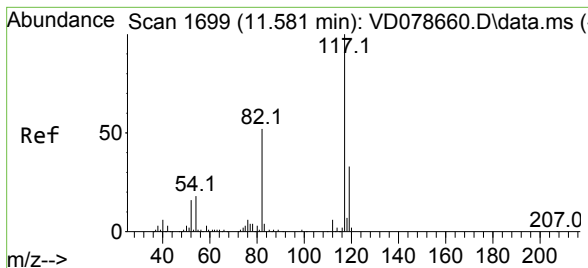
Tgt Ion:107 Resp: 20499
Ion Ratio Lower Upper
107 100
109 95.0 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 54.214 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 95 Resp: 75086
Ion Ratio Lower Upper
95 100
174 95.4 0.0 195.2
176 92.4 0.0 188.2

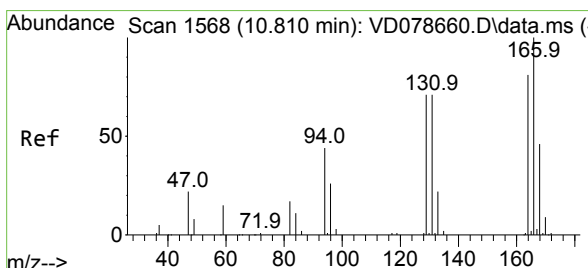
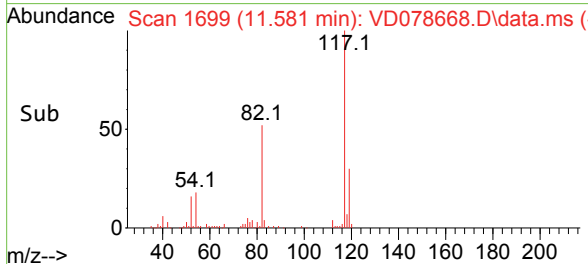
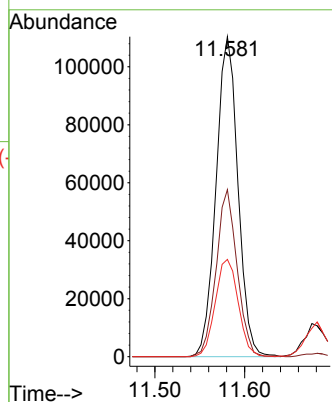
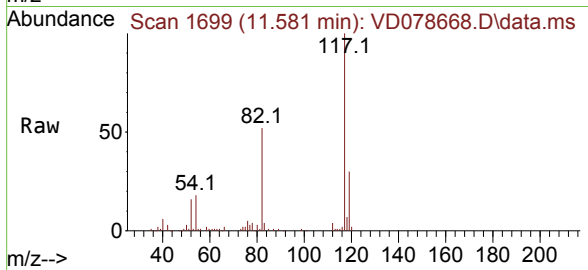




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

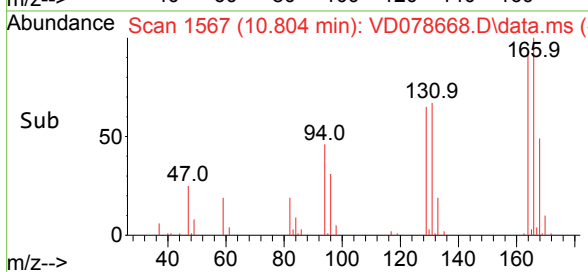
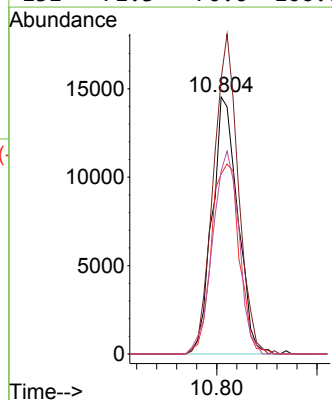
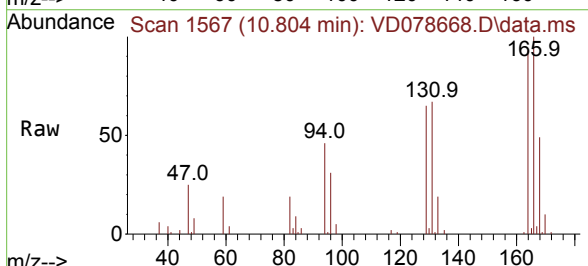
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

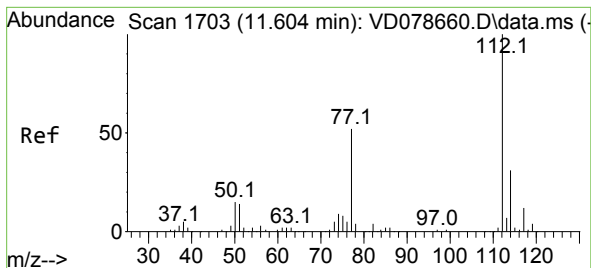
Tgt Ion:117 Resp: 186757
Ion Ratio Lower Upper
117 100
82 52.2 41.4 62.2
119 30.4 26.5 39.7



#64
Tetrachloroethene
Concen: 20.799 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion:164 Resp: 25705
Ion Ratio Lower Upper
164 100
166 107.1 98.9 148.3
129 70.1 70.3 105.5#
131 71.3 70.6 106.0

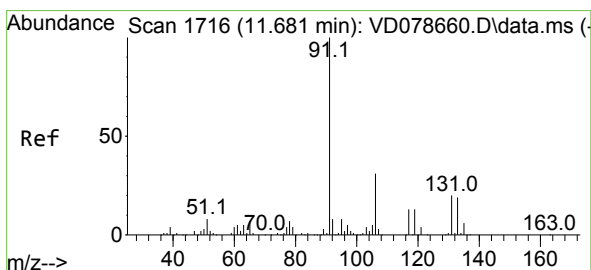
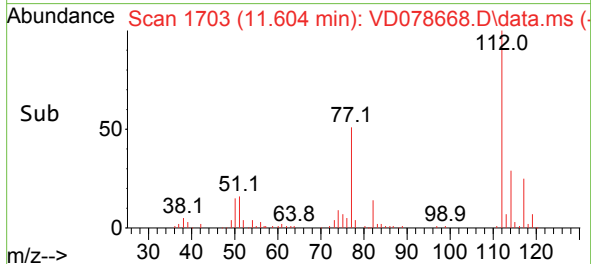
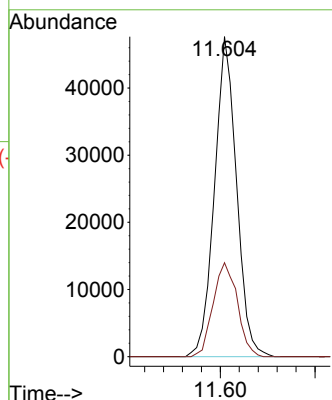
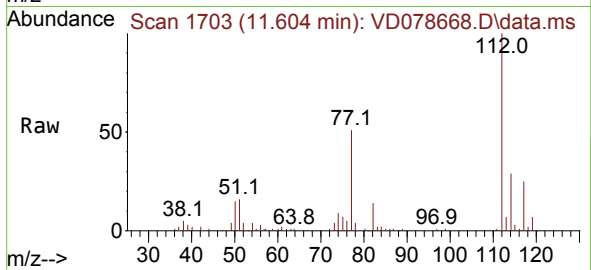




#65
Chlorobenzene
Concen: 19.702 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

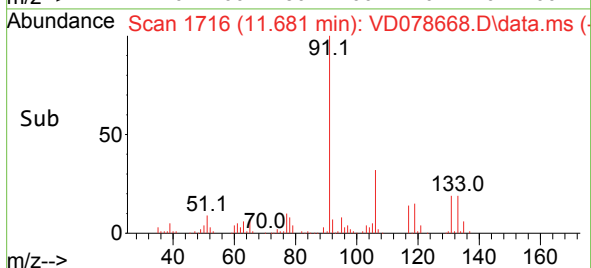
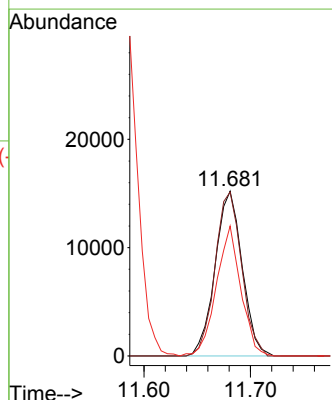
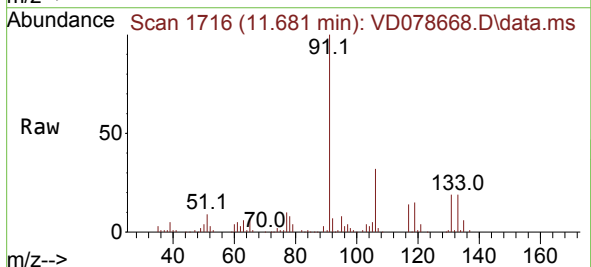
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

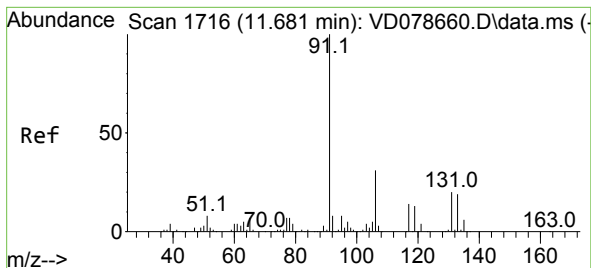
Tgt Ion:112 Resp: 76889
Ion Ratio Lower Upper
112 100
114 29.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.801 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion:131 Resp: 26871
Ion Ratio Lower Upper
131 100
133 97.4 47.6 142.9
119 71.3 34.1 102.3





#67

Ethyl Benzene

Concen: 19.093 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

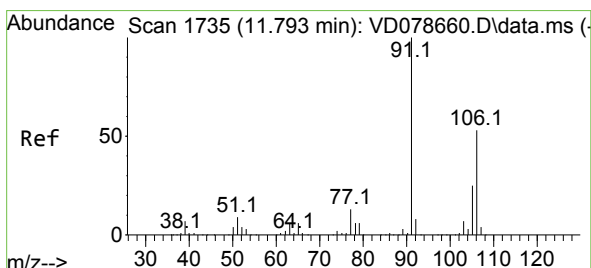
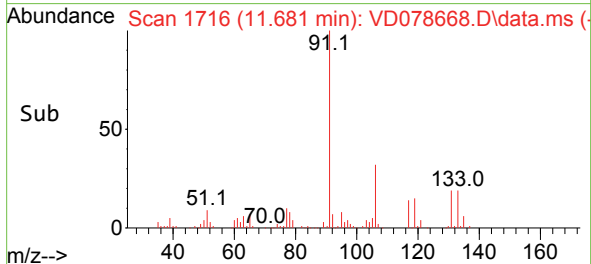
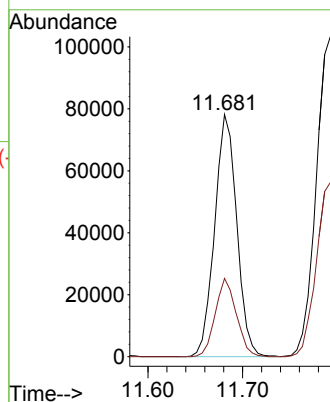
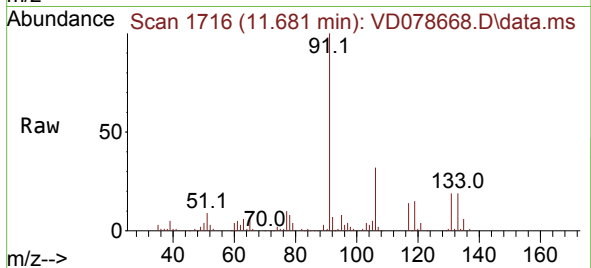
VD0314SBSD01

Tgt Ion: 91 Resp: 126978

Ion Ratio Lower Upper

91 100

106 32.3 24.5 36.7



#68

m/p-Xylenes

Concen: 38.725 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078668.D

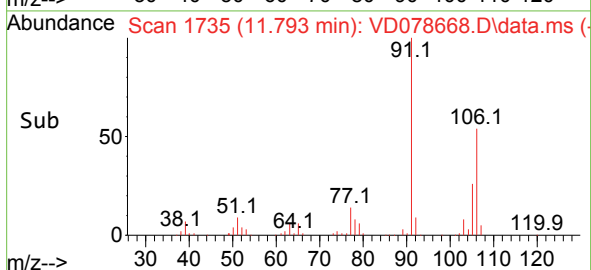
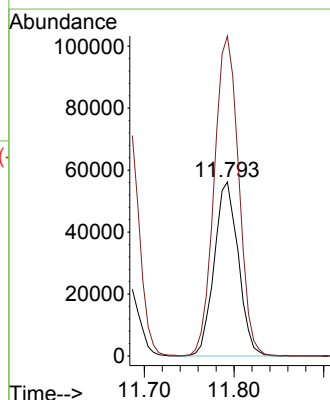
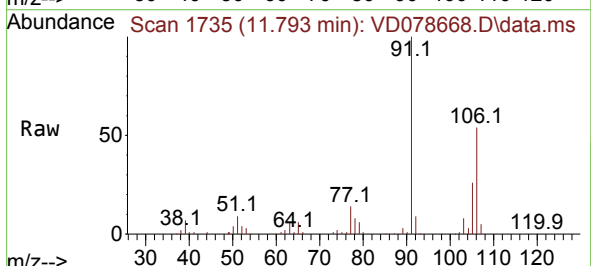
Acq: 14 Mar 2024 15:55

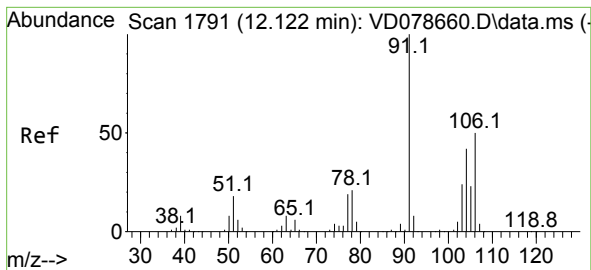
Tgt Ion: 106 Resp: 104576

Ion Ratio Lower Upper

106 100

91 187.4 154.4 231.6





#69

o-Xylene

Concen: 18.764 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

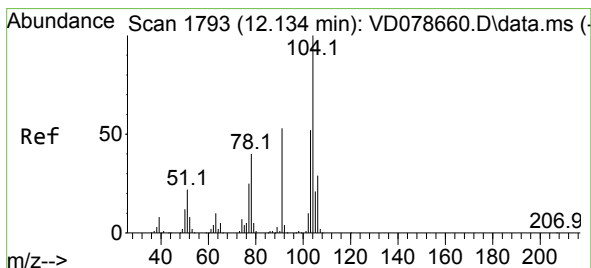
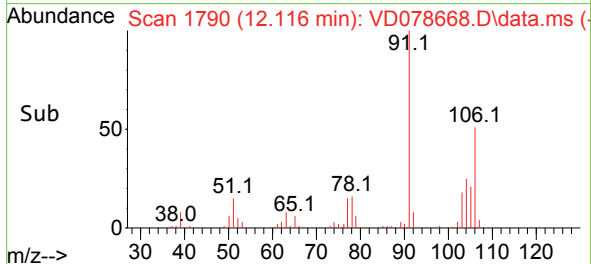
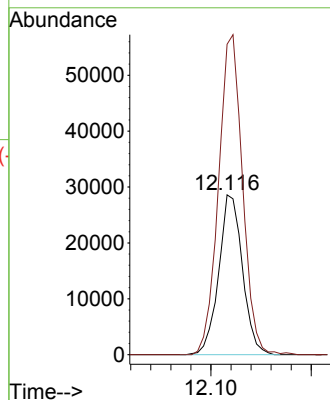
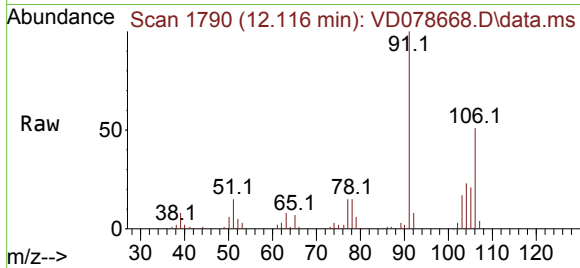
VD0314SBSD01

Tgt Ion:106 Resp: 46884

Ion Ratio Lower Upper

106 100

91 202.6 99.6 298.7



#70

Styrene

Concen: 19.505 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

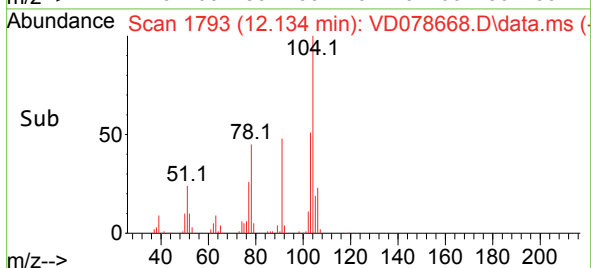
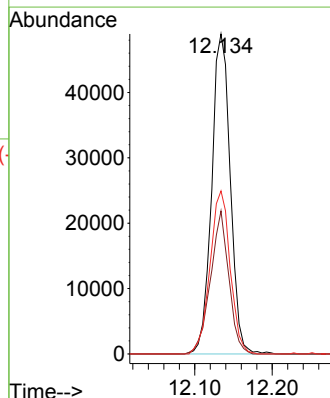
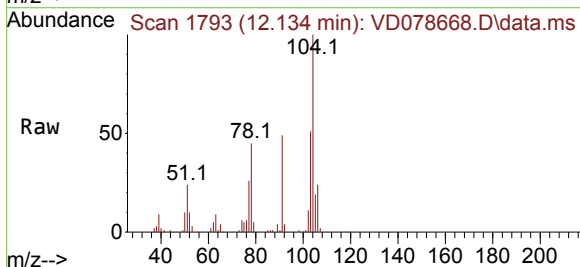
Tgt Ion:104 Resp: 81798

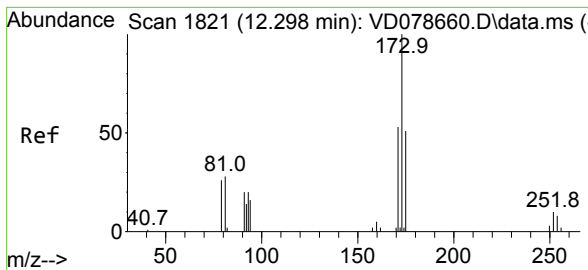
Ion Ratio Lower Upper

104 100

78 44.1 34.6 52.0

103 55.0 44.2 66.2

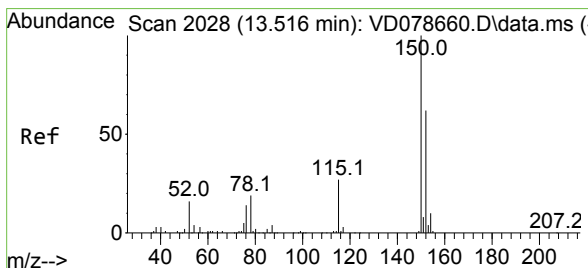
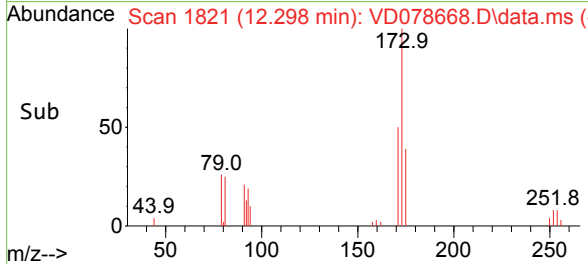
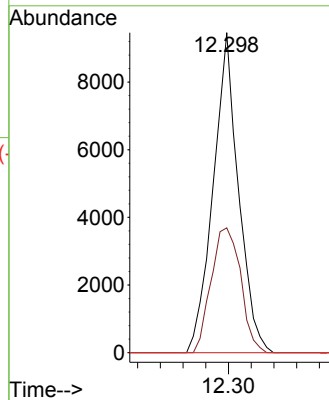
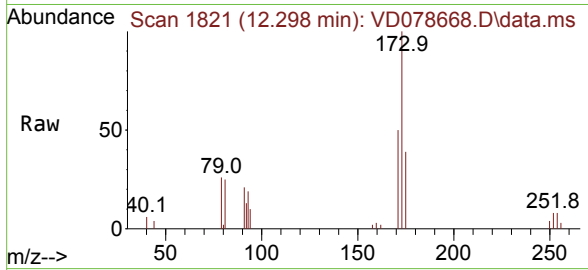




#71
Bromoform
Concen: 18.959 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

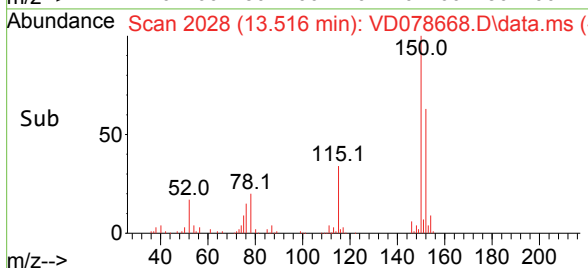
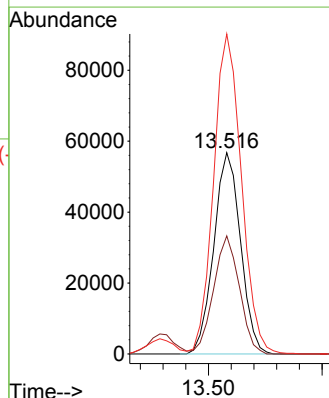
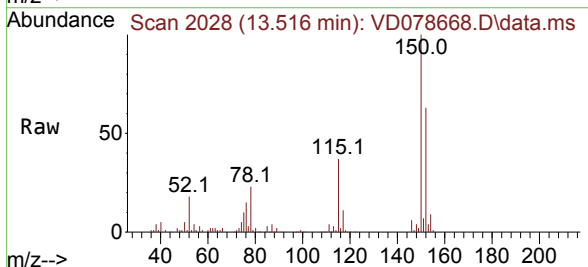
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

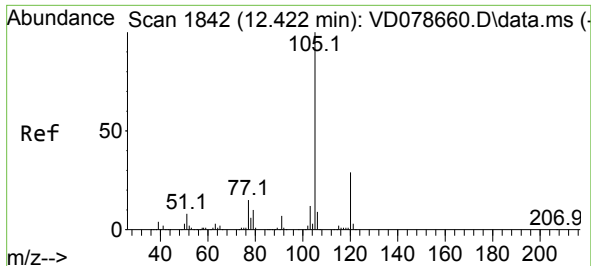
Tgt Ion:	173	Resp:	14644
Ion Ratio	Lower	Upper	
173	100		
175	45.4	25.8	77.4
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion:	152	Resp:	92798
Ion Ratio	Lower	Upper	
152	100		
115	56.8	27.1	81.2
150	165.7	0.0	350.2

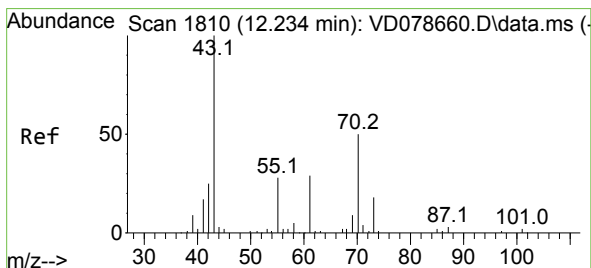
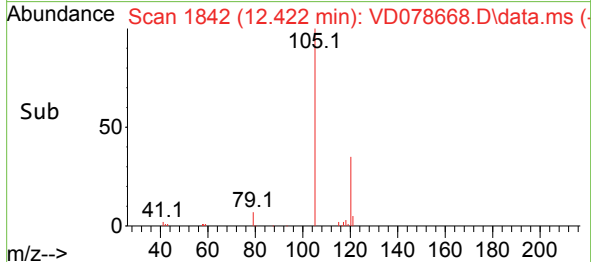
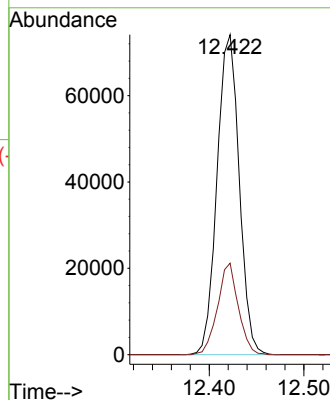
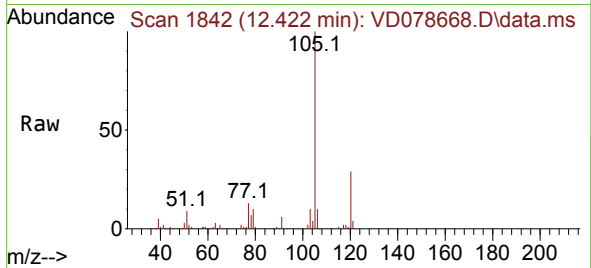




#73
Isopropylbenzene
Concen: 19.703 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

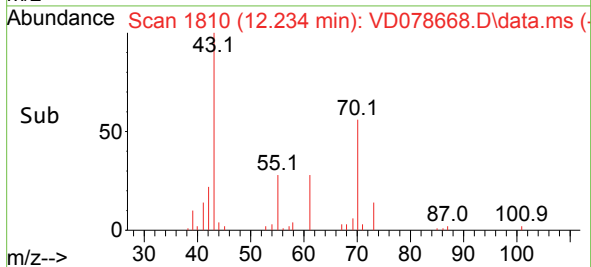
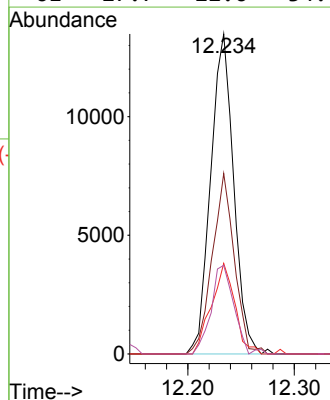
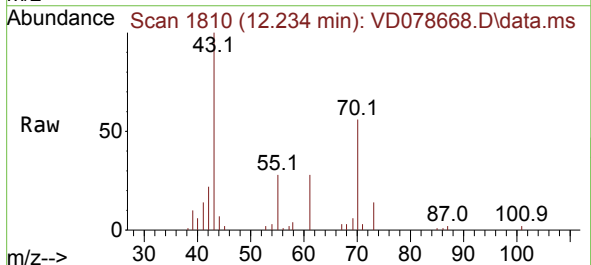
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

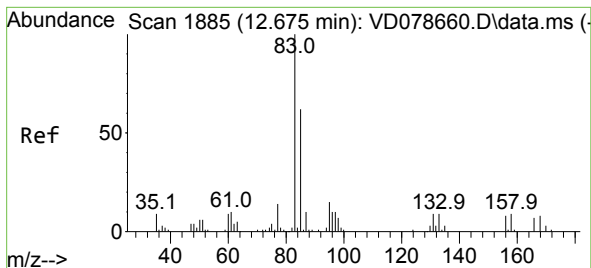
Tgt Ion:105 Resp: 120384
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.0



#74
N-ethyl acetate
Concen: 20.415 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 43 Resp: 20252
Ion Ratio Lower Upper
43 100
70 54.2 42.1 63.1
55 28.8 22.6 33.8
61 27.7 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.403 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

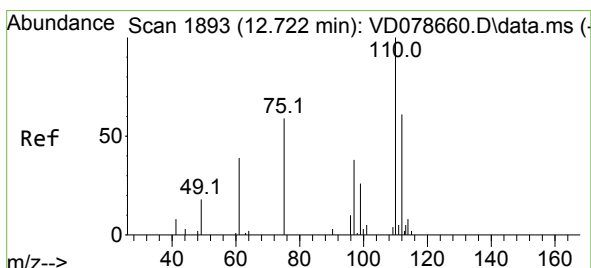
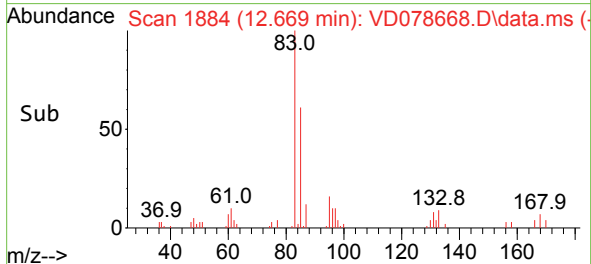
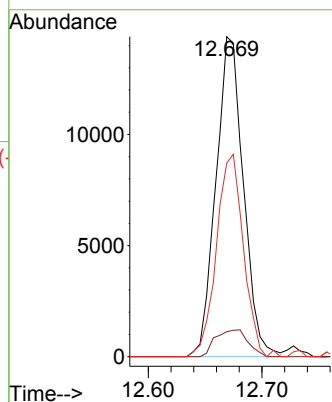
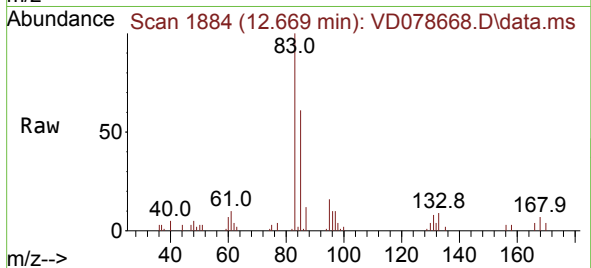
Tgt Ion: 83 Resp: 24208

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 62.2 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 39.594 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078668.D

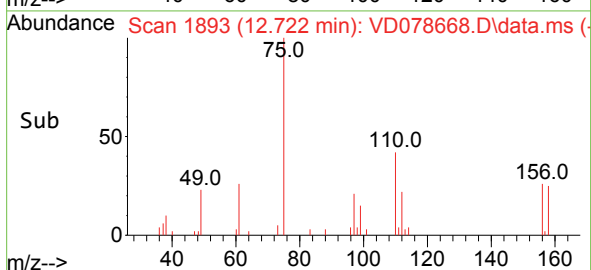
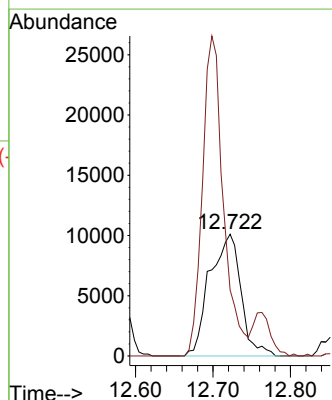
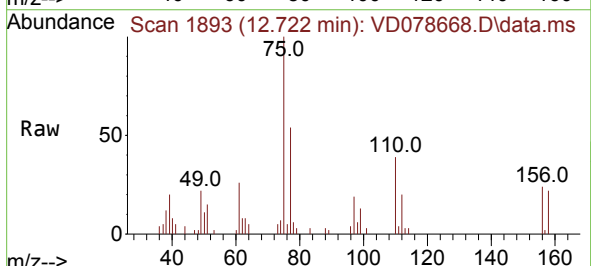
Acq: 14 Mar 2024 15:55

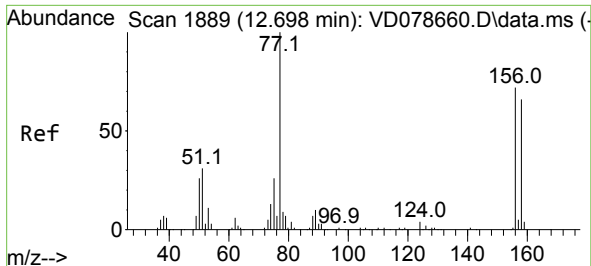
Tgt Ion: 75 Resp: 28308

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

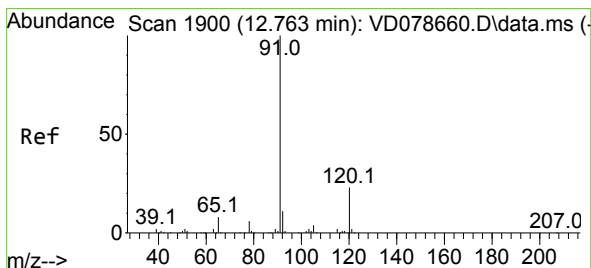
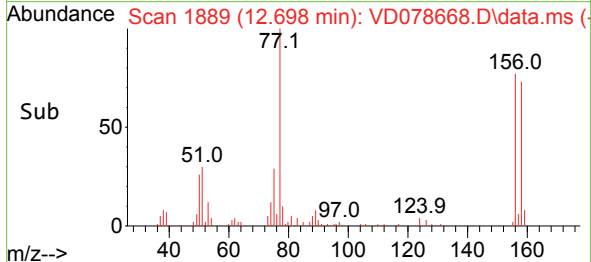
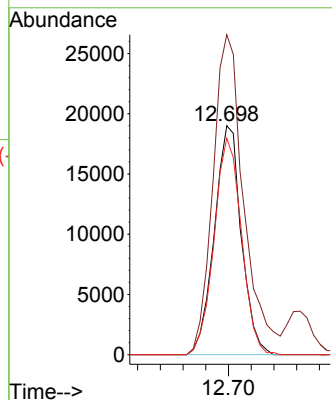
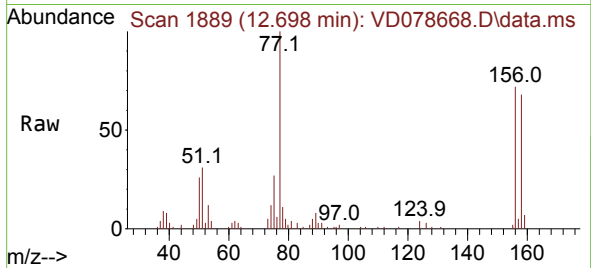




#77
Bromobenzene
Concen: 20.710 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

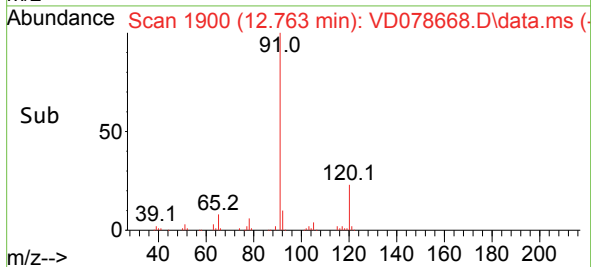
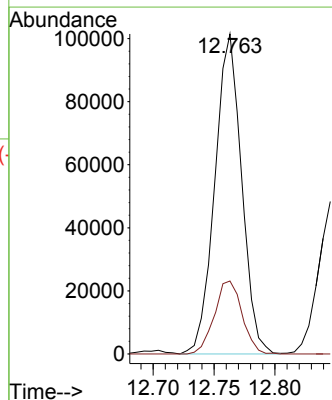
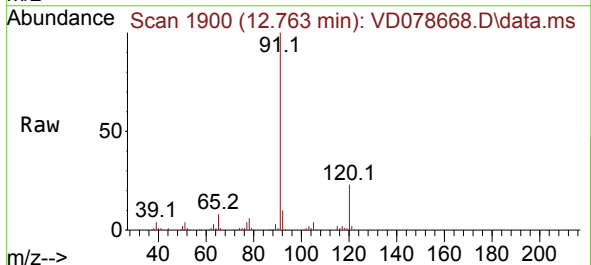
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

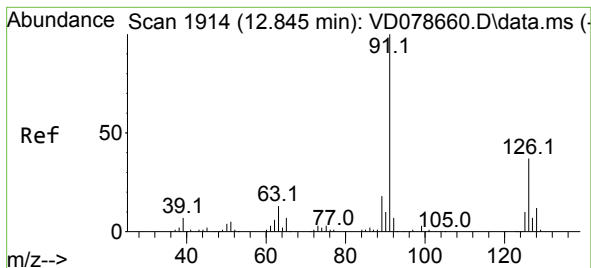
Tgt Ion:156 Resp: 31380
Ion Ratio Lower Upper
156 100
77 159.2 79.1 237.3
158 95.7 47.0 141.0



#78
n-propylbenzene
Concen: 20.865 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 91 Resp: 155176
Ion Ratio Lower Upper
91 100
120 23.5 11.7 35.1





#79

2-Chlorotoluene

Concen: 20.423 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

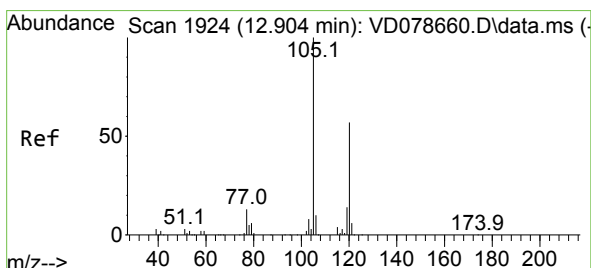
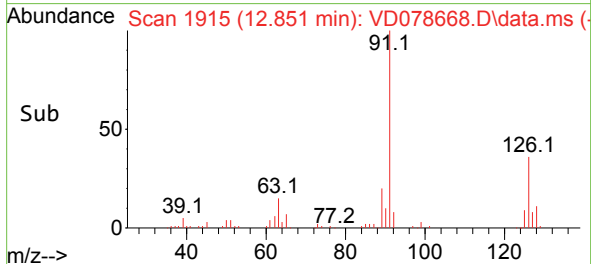
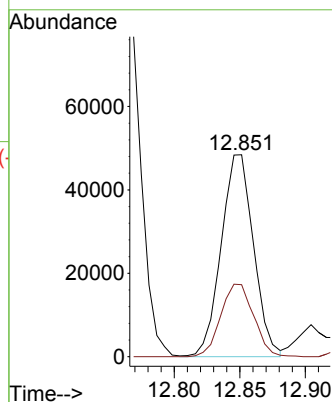
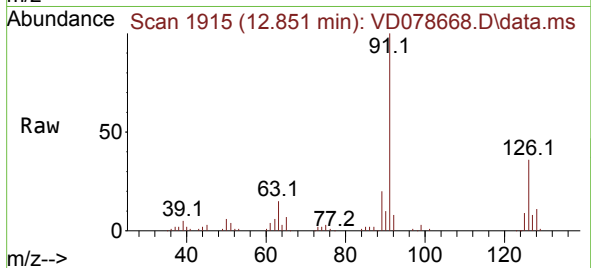
VD0314SBSD01

Tgt Ion: 91 Resp: 83323

Ion Ratio Lower Upper

91 100

126 36.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.518 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078668.D

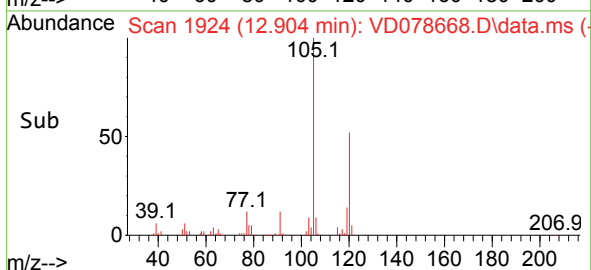
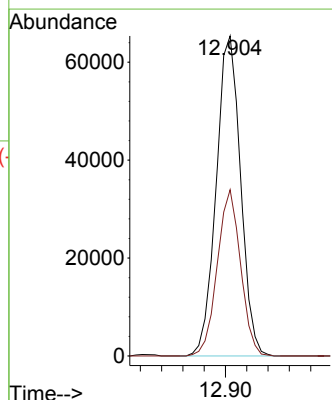
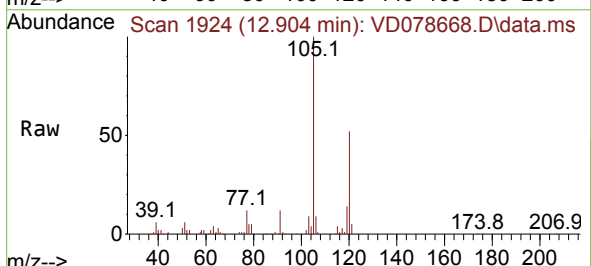
Acq: 14 Mar 2024 15:55

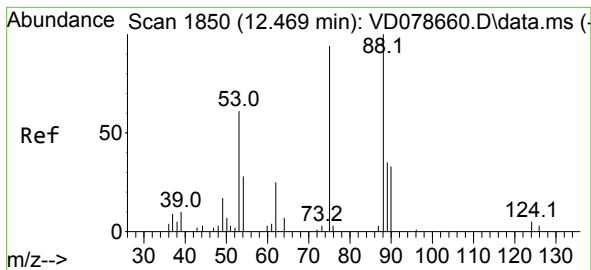
Tgt Ion: 105 Resp: 103668

Ion Ratio Lower Upper

105 100

120 49.6 25.9 77.7

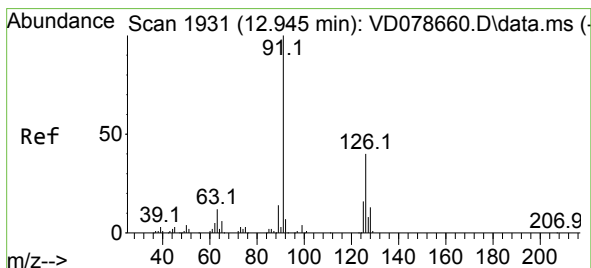
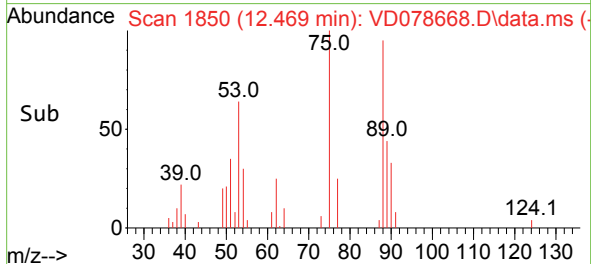
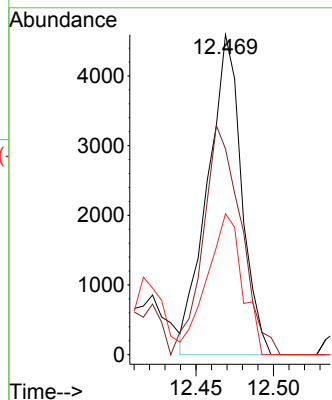
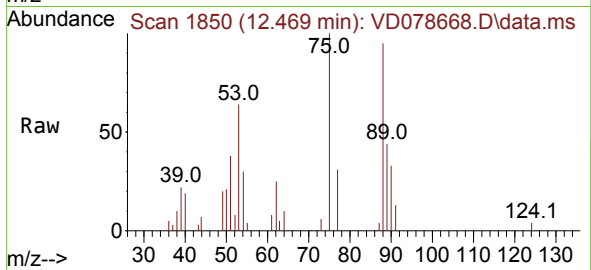




#81
trans-1,4-Dichloro-2-butene
Concen: 20.435 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

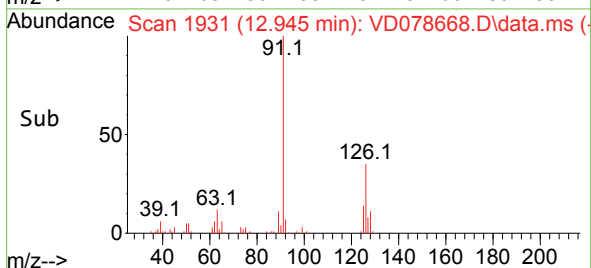
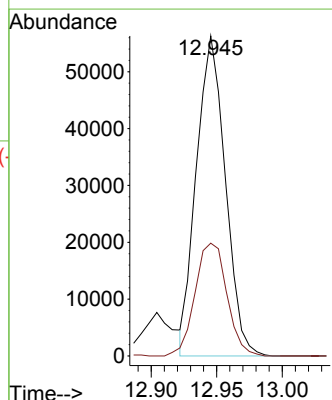
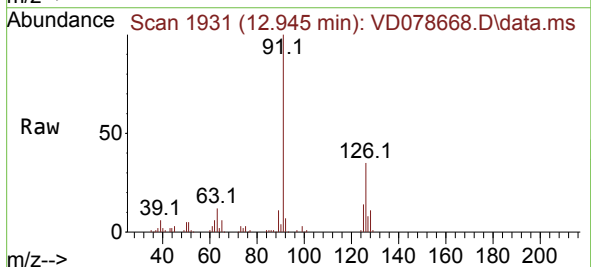
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

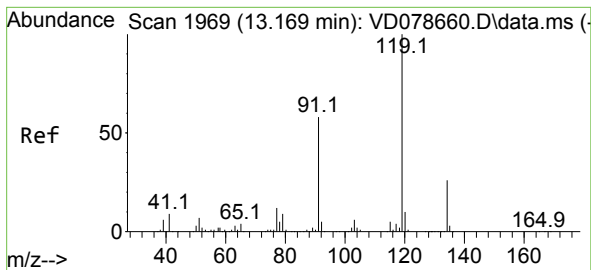
Tgt Ion: 75 Resp: 6970
Ion Ratio Lower Upper
75 100
53 79.8 61.0 91.6
89 45.9 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.045 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 91 Resp: 86499
Ion Ratio Lower Upper
91 100
126 38.8 18.9 56.5





#83

tert-Butylbenzene

Concen: 19.362 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBSD01

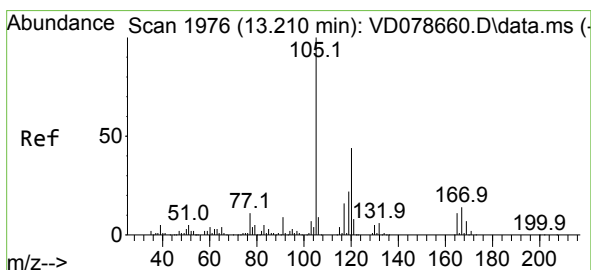
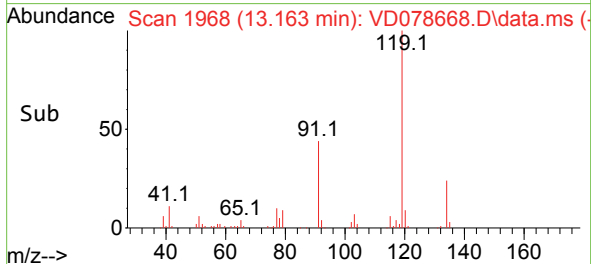
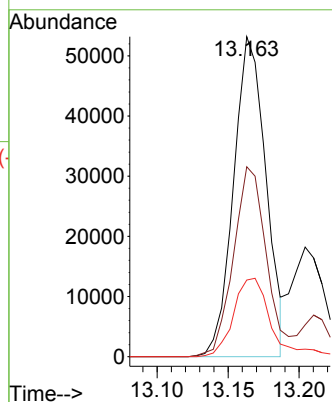
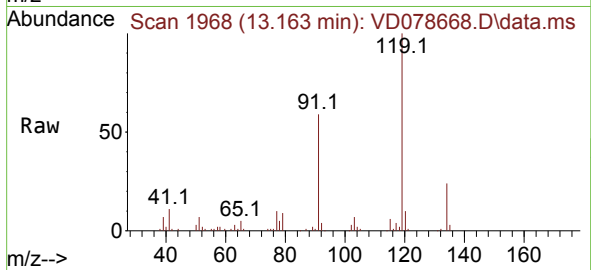
Tgt Ion:119 Resp: 84354

Ion Ratio Lower Upper

119 100

91 60.3 28.9 86.7

134 28.3 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.173 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078668.D

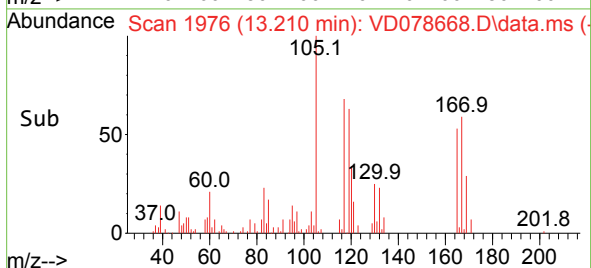
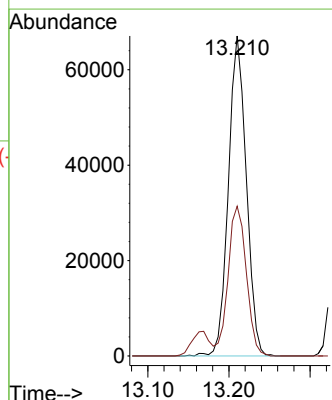
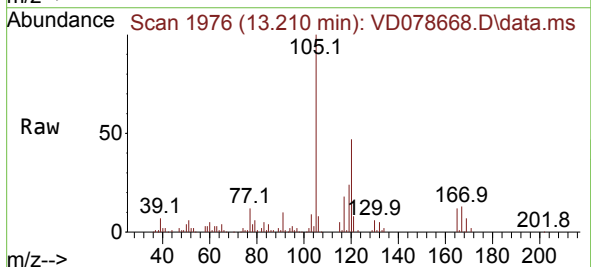
Acq: 14 Mar 2024 15:55

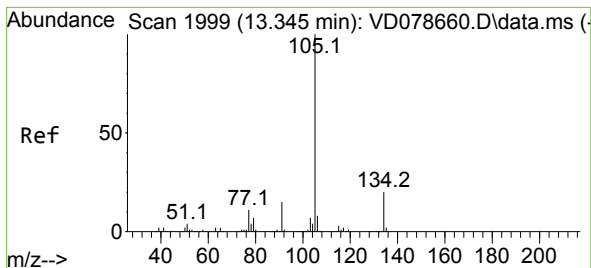
Tgt Ion:105 Resp: 102714

Ion Ratio Lower Upper

105 100

120 47.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.453 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

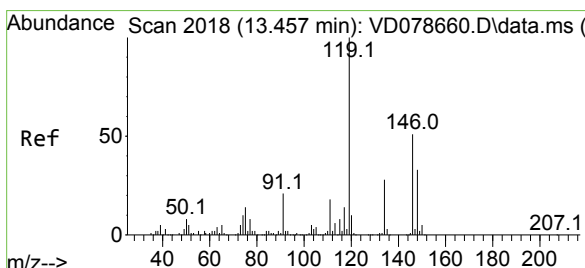
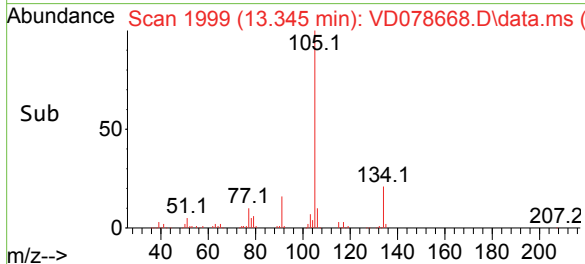
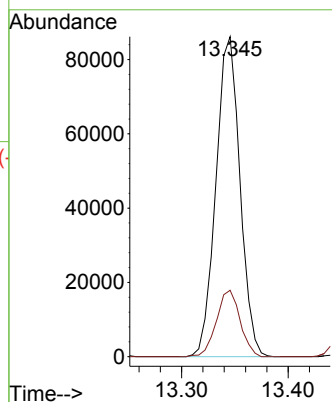
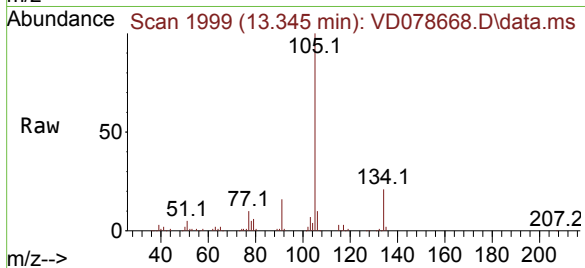
VD0314SBSD01

Tgt Ion:105 Resp: 134844

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2



#86

p-Isopropyltoluene

Concen: 19.794 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

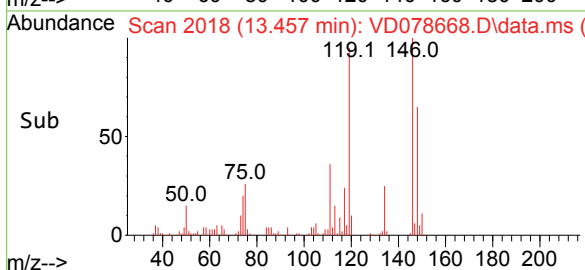
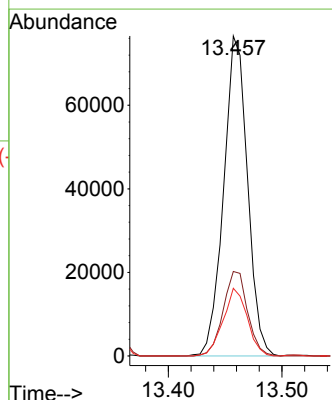
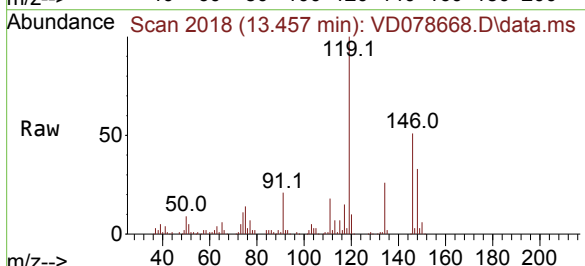
Tgt Ion:119 Resp: 111718

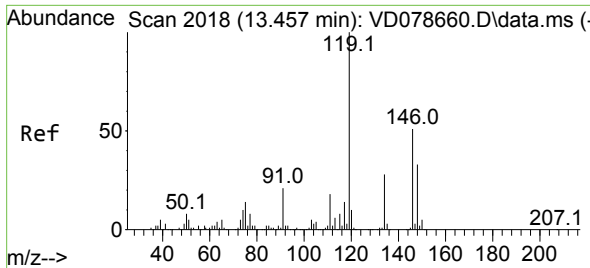
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 21.4 10.4 31.2

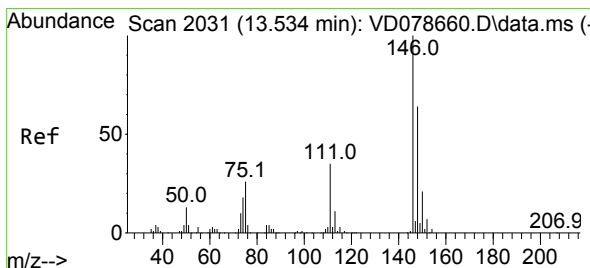
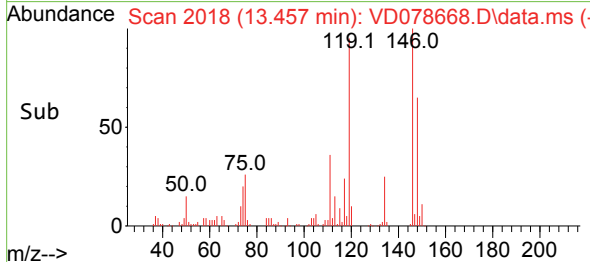
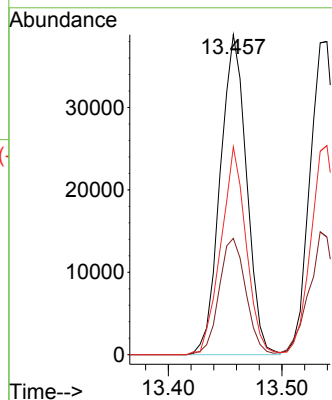
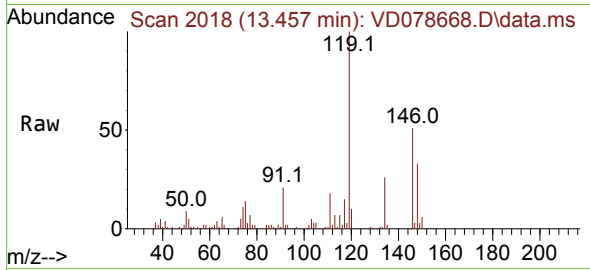




#87
1,3-Dichlorobenzene
Concen: 19.609 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

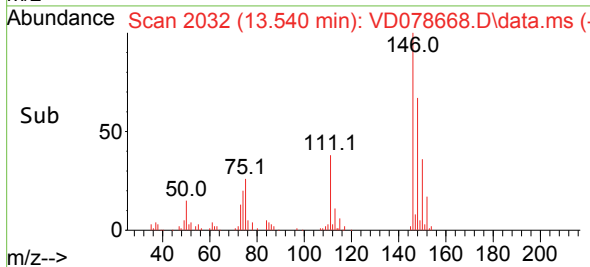
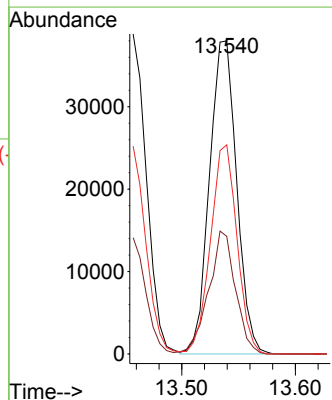
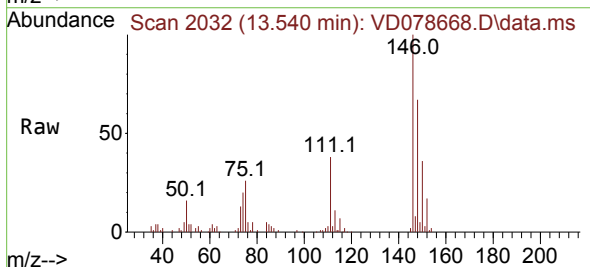
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

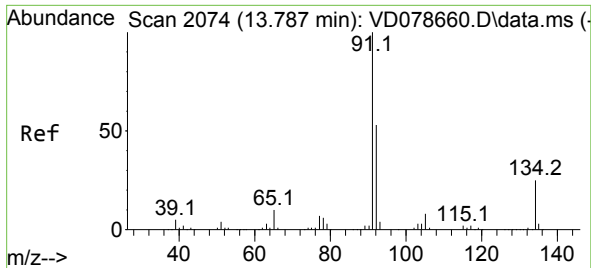
Tgt Ion:146 Resp: 62700
Ion Ratio Lower Upper
146 100
111 36.7 18.2 54.6
148 62.3 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 20.090 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion:146 Resp: 63308
Ion Ratio Lower Upper
146 100
111 38.7 17.8 53.3
148 65.2 32.4 97.0

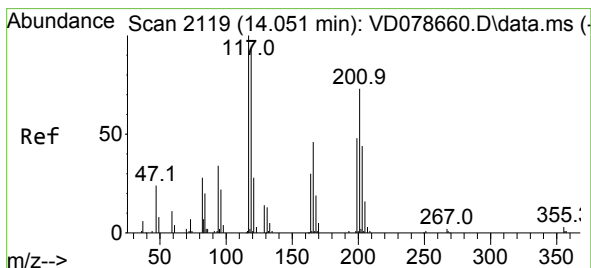
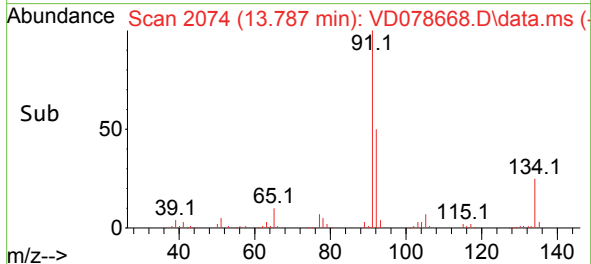
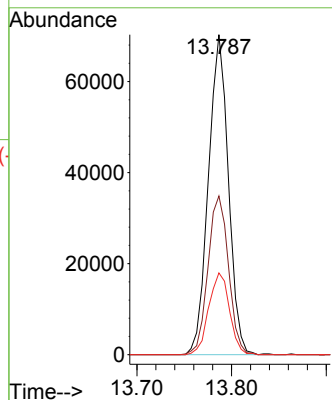
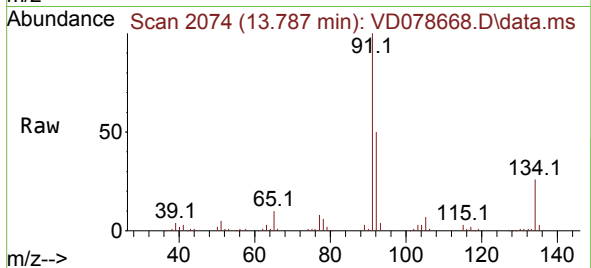




#89
n-Butylbenzene
Concen: 20.173 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

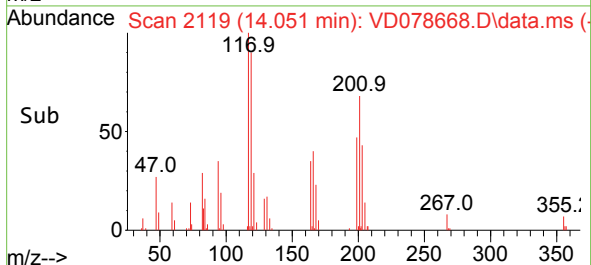
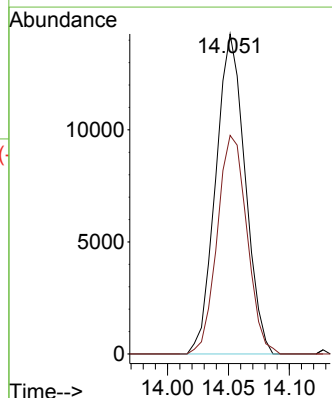
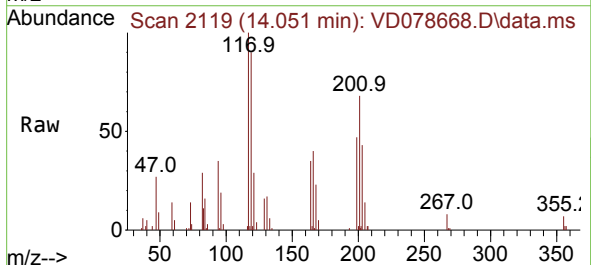
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

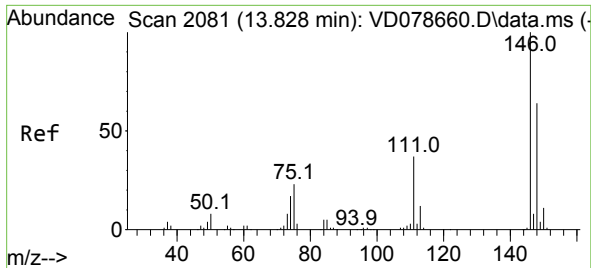
Tgt Ion: 91 Resp: 102824
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.0
134 26.6 13.0 38.9



#90
Hexachloroethane
Concen: 20.521 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 117 Resp: 23965
Ion Ratio Lower Upper
117 100
201 69.2 36.2 108.6

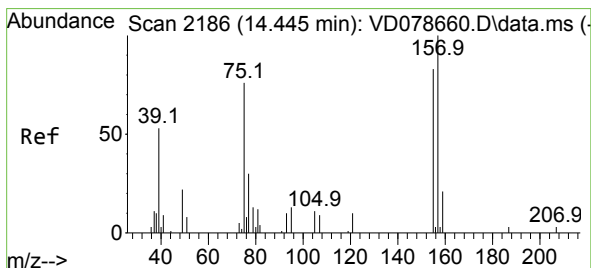
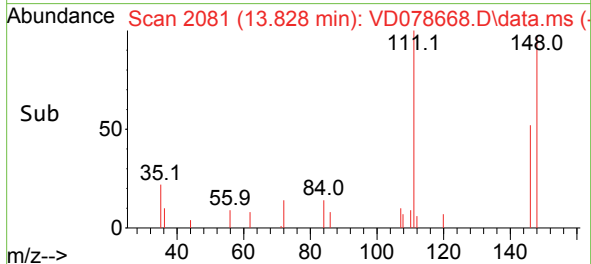
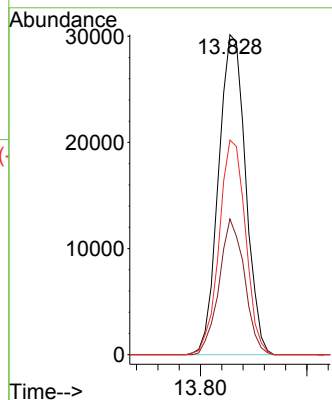
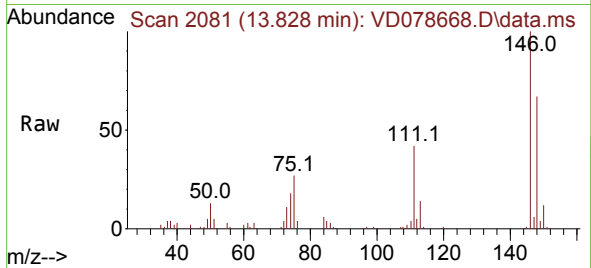




#91
1,2-Dichlorobenzene
Concen: 19.295 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

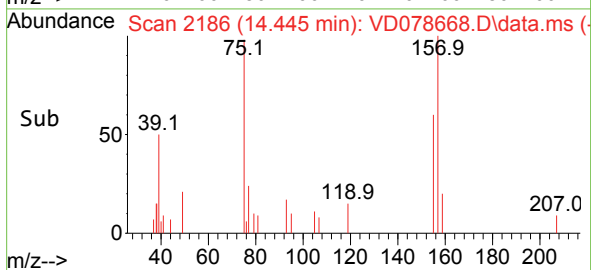
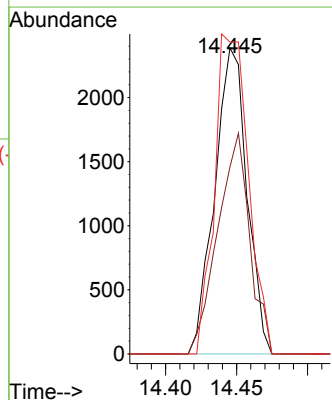
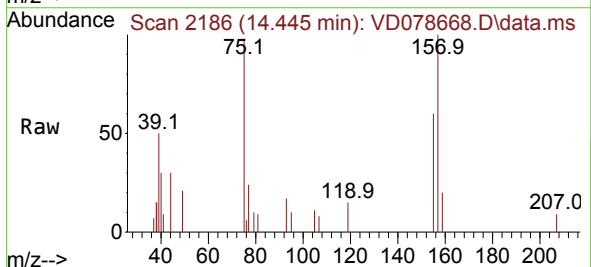
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

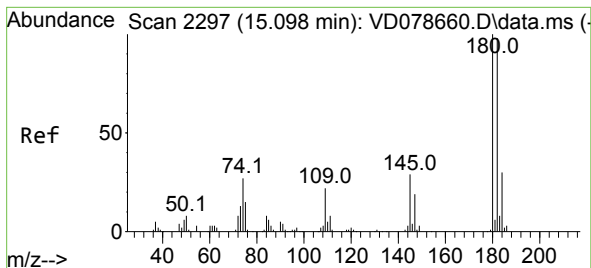
Tgt Ion:146 Resp: 53138
Ion Ratio Lower Upper
146 100
111 39.8 18.6 56.0
148 65.5 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.969 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion: 75 Resp: 3778
Ion Ratio Lower Upper
75 100
155 71.4 49.8 149.3
157 109.3 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 19.455 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBSD01

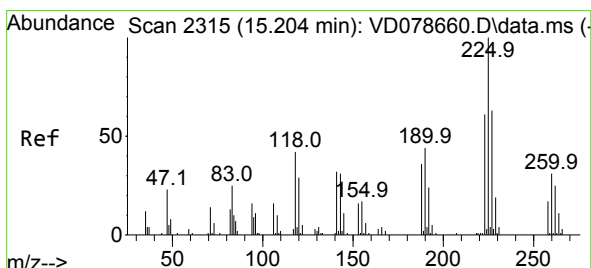
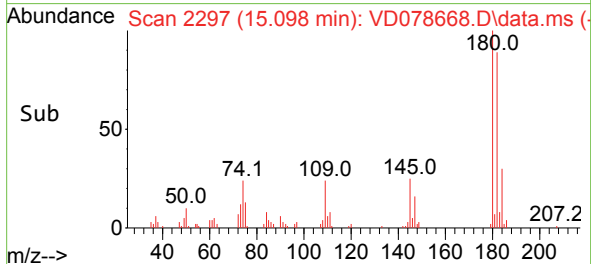
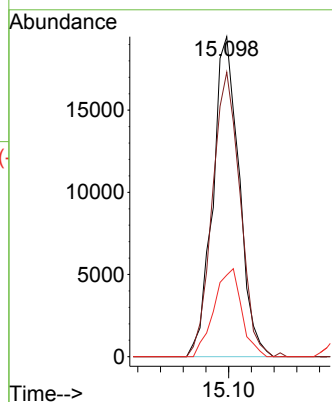
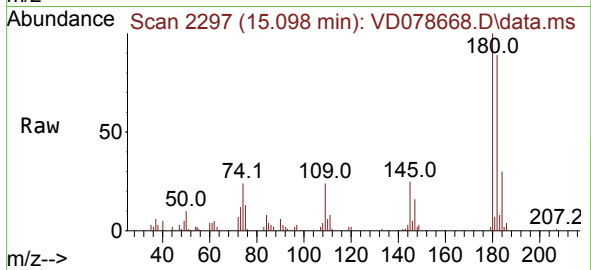
Tgt Ion:180 Resp: 31268

Ion Ratio Lower Upper

180 100

182 93.7 49.7 149.1

145 28.9 14.6 44.0



#94

Hexachlorobutadiene

Concen: 19.153 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078668.D

Acq: 14 Mar 2024 15:55

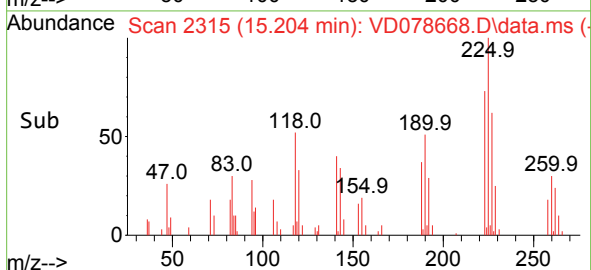
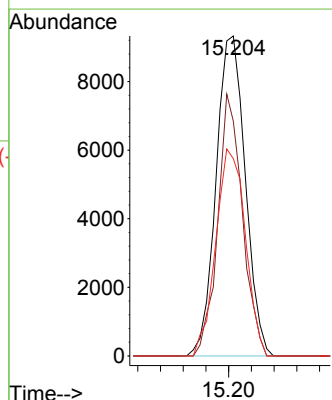
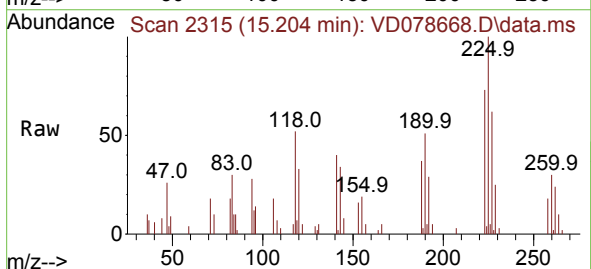
Tgt Ion:225 Resp: 16665

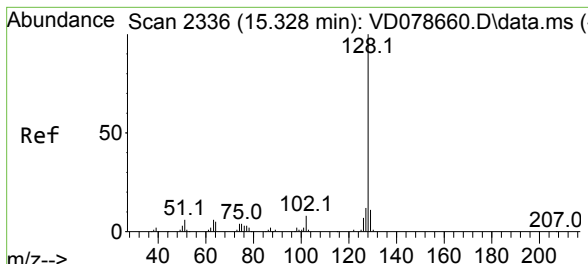
Ion Ratio Lower Upper

225 100

223 68.9 31.9 95.7

227 65.3 32.0 96.0

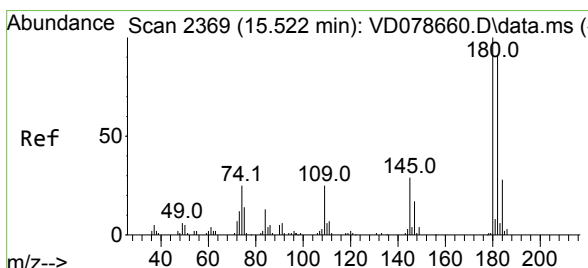
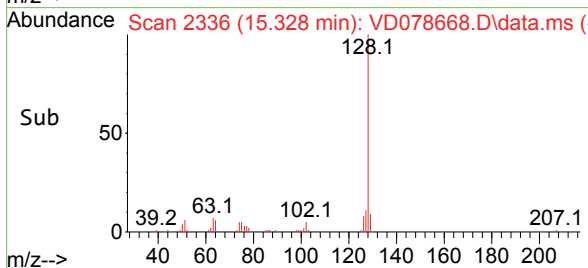
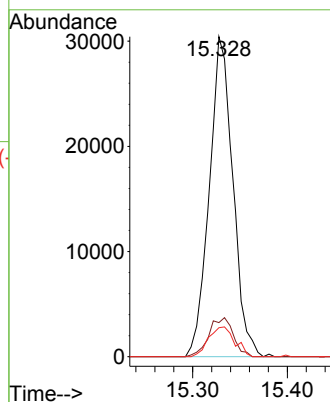
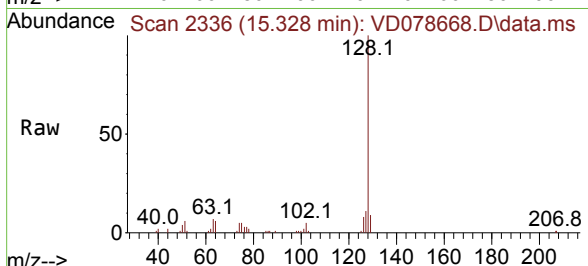




#95
Naphthalene
Concen: 18.859 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Instrument :
MSVOA_D
ClientSampleId :
VD0314SBSD01

Tgt Ion:	128	Resp:	52698
Ion Ratio	Lower	Upper	
128	100		
127	10.6	9.3	13.9
129	9.0	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.363 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078668.D
Acq: 14 Mar 2024 15:55

Tgt Ion:	180	Resp:	28314
Ion Ratio	Lower	Upper	
180	100		
182	88.5	46.7	140.1
145	29.0	14.4	43.4

