

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
 Data File : VD078617.D
 Acq On : 08 Mar 2024 12:52
 Operator : RP/MD
 Sample : VD0308SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBS01

Quant Time: Mar 09 02:32:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	130978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	221557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	207704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108108	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69961	53.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.760%	
35) Dibromofluoromethane	7.805	113	76642	53.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.360%	
50) Toluene-d8	10.269	98	296812	52.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.000%	
62) 4-Bromofluorobenzene	12.569	95	84302	52.704	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.400%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	22989	19.962	ug/l	98
3) Chloromethane	2.146	50	42931	20.473	ug/l	97
4) Vinyl Chloride	2.281	62	68135	21.163	ug/l	98
5) Bromomethane	2.676	94	55233	21.480	ug/l	99
6) Chloroethane	2.828	64	52772	22.115	ug/l	92
7) Trichlorofluoromethane	3.164	101	42678	19.604	ug/l	97
8) Diethyl Ether	3.587	74	12206	19.968	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.964	101	26613	19.397	ug/l	96
10) Methyl Iodide	4.164	142	25609	17.837	ug/l #	90
11) Tert butyl alcohol	5.070	59	7711	124.234	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	23653	18.466	ug/l	93
13) Acrolein	3.799	56	12344	95.865	ug/l	94
14) Allyl chloride	4.564	41	26895	18.435	ug/l	94
15) Acrylonitrile	5.252	53	27615	109.575	ug/l	97
16) Acetone	4.023	43	25302	101.719	ug/l	89
17) Carbon Disulfide	4.264	76	76941	18.030	ug/l #	95
18) Methyl Acetate	4.570	43	10543	22.393	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	51866	19.916	ug/l	96
20) Methylene Chloride	4.799	84	38518	15.183	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	27520	17.882	ug/l	88
22) Diisopropyl ether	6.217	45	63718	19.480	ug/l	94
23) Vinyl Acetate	6.158	43	197088	101.454	ug/l	97
24) 1,1-Dichloroethane	6.111	63	46965	19.006	ug/l	99
25) 2-Butanone	7.087	43	34367	109.529	ug/l	88
26) 2,2-Dichloropropane	7.081	77	40152	19.234	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	32031	19.007	ug/l	98
28) Bromochloromethane	7.422	49	17843	19.328	ug/l	92
29) Tetrahydrofuran	7.446	42	18788	107.778	ug/l	90
30) Chloroform	7.593	83	52942	19.842	ug/l	88
31) Cyclohexane	7.875	56	36709	18.064	ug/l	90
32) 1,1,1-Trichloroethane	7.787	97	43562	19.032	ug/l	99
36) 1,1-Dichloropropene	8.005	75	35707	17.904	ug/l	98
37) Ethyl Acetate	7.175	43	15013	23.233	ug/l	93
38) Carbon Tetrachloride	7.987	117	40160	19.253	ug/l	85
39) Methylcyclohexane	9.269	83	39955	17.069	ug/l	91
40) Benzene	8.252	78	114225	19.323	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	6816	19.680	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	28709	19.144	ug/l	97
43) Isopropyl Acetate	8.358	43	23763	19.181	ug/l #	85
44) Trichloroethene	9.028	130	30684	18.916	ug/l	99
45) 1,2-Dichloropropane	9.305	63	27926	19.666	ug/l	98
46) Dibromomethane	9.393	93	17514	21.395	ug/l	91
47) Bromodichloromethane	9.581	83	41362	20.492	ug/l	97
48) Methyl methacrylate	9.381	41	12217	21.770	ug/l #	82
49) 1,4-Dioxane	9.387	88	3715	458.386	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	67581	105.687	ug/l	91
52) Toluene	10.334	92	72465	19.105	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	35665	19.100	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	43478	19.447	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	22757	19.743	ug/l	96
56) Ethyl methacrylate	10.599	69	22527	19.498	ug/l #	91
57) 1,3-Dichloropropane	10.875	76	38274	20.490	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	51520	111.271	ug/l	99
59) 2-Hexanone	10.922	43	53368	112.522	ug/l	87
60) Dibromochloromethane	11.075	129	27828	19.994	ug/l	95
61) 1,2-Dibromoethane	11.175	107	20776	19.639	ug/l	94
64) Tetrachloroethene	10.805	164	25668	19.641	ug/l	97
65) Chlorobenzene	11.604	112	78330	19.151	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.681	131	28527	18.734	ug/l	98
67) Ethyl Benzene	11.681	91	130115	18.359	ug/l	95
68) m/p-Xylenes	11.793	106	106357	37.095	ug/l	95
69) o-Xylene	12.116	106	46749	17.973	ug/l	91
70) Styrene	12.134	104	81245	18.020	ug/l	95
71) Bromoform	12.299	173	15771	19.469	ug/l #	97
73) Isopropylbenzene	12.416	105	125318	18.287	ug/l	97
74) N-amyl acetate	12.234	43	25241	21.883	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	27776	21.157	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	31577	38.244	ug/l #	100
77) Bromobenzene	12.699	156	31963	19.286	ug/l	93
78) n-propylbenzene	12.763	91	159950	19.081	ug/l	96
79) 2-Chlorotoluene	12.846	91	86733	19.282	ug/l	94
80) 1,3,5-Trimethylbenzene	12.899	105	104869	18.806	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	7836	20.314	ug/l	99
82) 4-Chlorotoluene	12.940	91	89545	18.679	ug/l	99
83) tert-Butylbenzene	13.163	119	87063	18.132	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	105964	18.591	ug/l	98
85) sec-Butylbenzene	13.340	105	139595	18.636	ug/l	96
86) p-Isopropyltoluene	13.457	119	115713	18.350	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	64960	18.344	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	68375	19.272	ug/l	97
89) n-Butylbenzene	13.787	91	107477	18.238	ug/l	98
90) Hexachloroethane	14.046	117	24489	19.099	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	60307	20.048	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.440	75	3468	19.818	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	33398	18.750	ug/l	97
94) Hexachlorobutadiene	15.198	225	17912	18.276	ug/l	98
95) Naphthalene	15.328	128	59999	19.062	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	29517	18.659	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

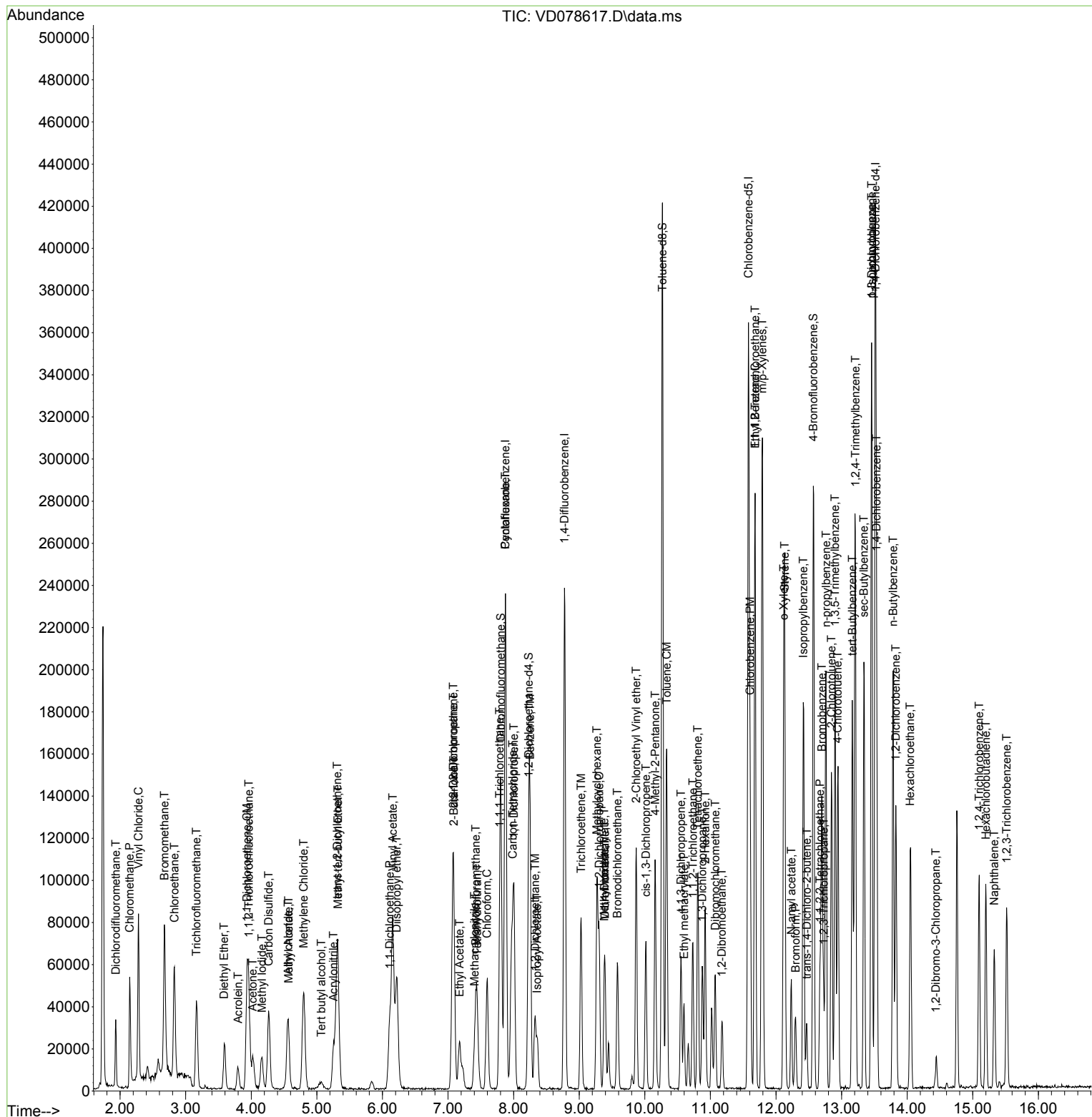
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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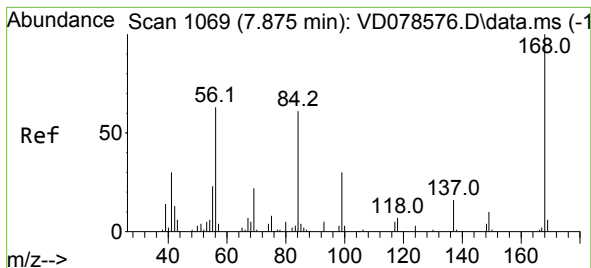
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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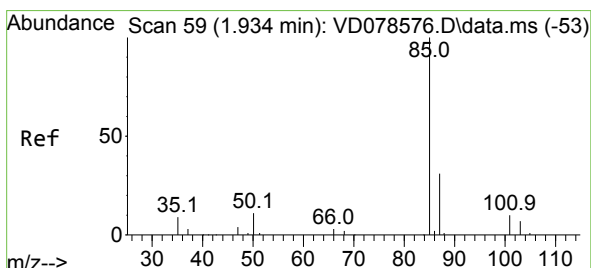
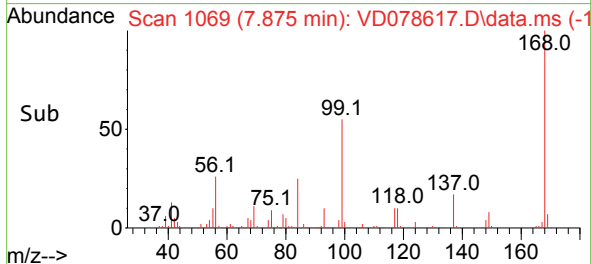
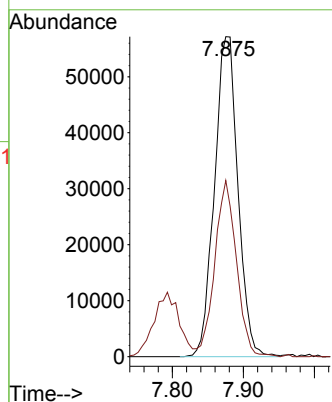
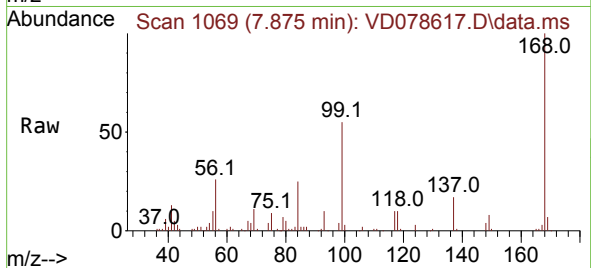




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

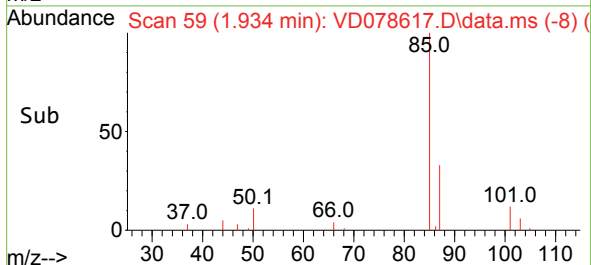
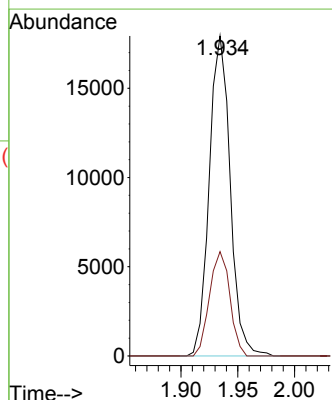
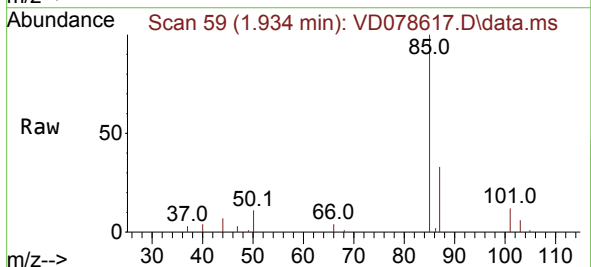
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

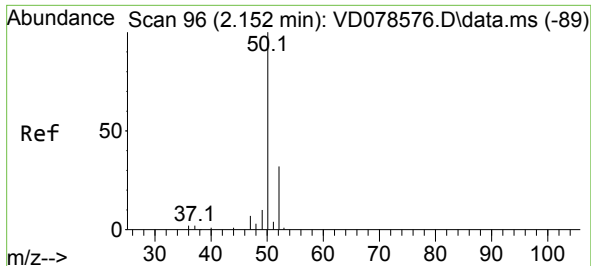
Tgt Ion:168 Resp: 130978
Ion Ratio Lower Upper
168 100
99 55.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 19.962 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 85 Resp: 22989
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.0

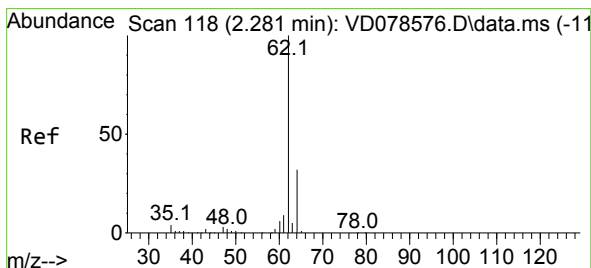
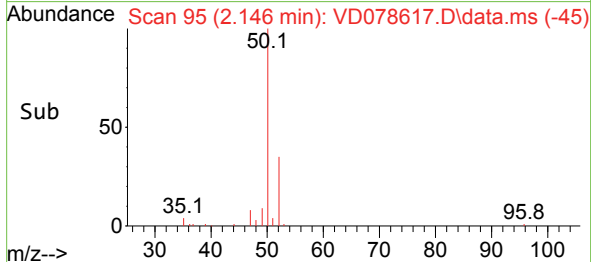
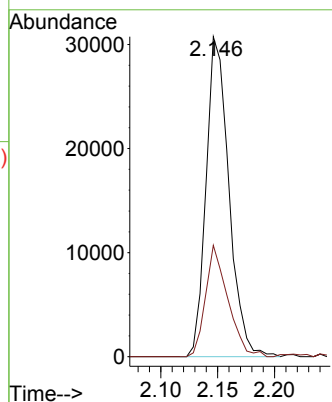
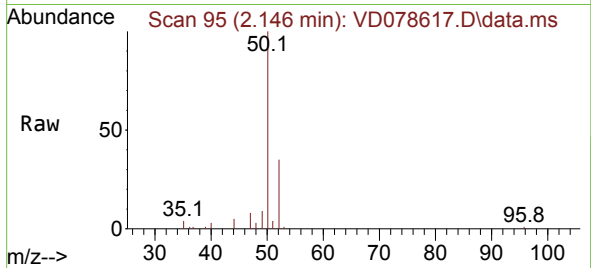




#3
Chloromethane
Concen: 20.473 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

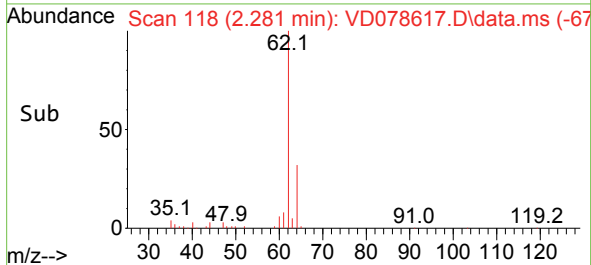
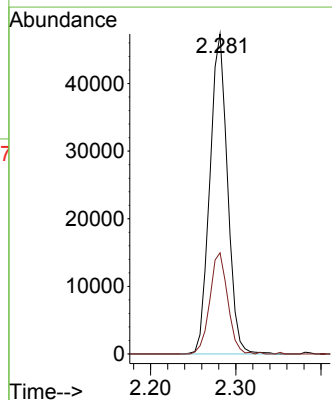
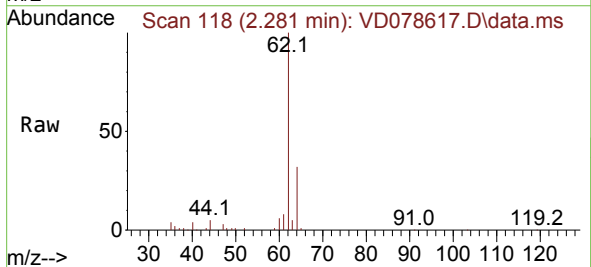
Instrument :
MSVOA_D
ClientSampleId :
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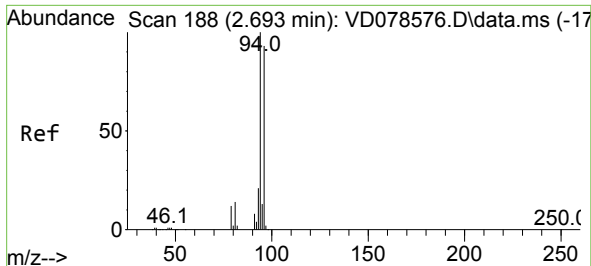
Tgt Ion: 50 Resp: 42931
Ion Ratio Lower Upper
50 100
52 34.8 26.6 40.0



#4
Vinyl Chloride
Concen: 21.163 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 62 Resp: 68135
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0

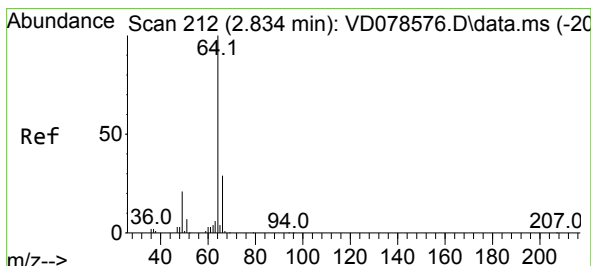
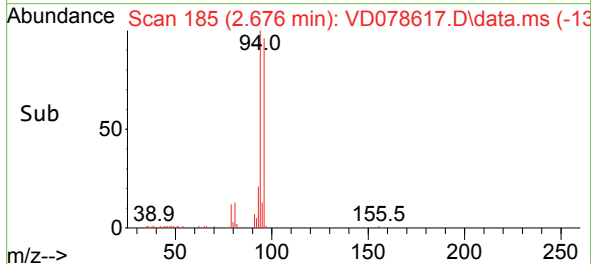
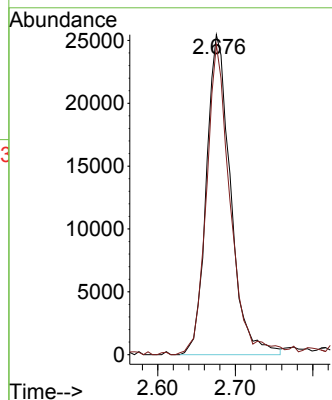
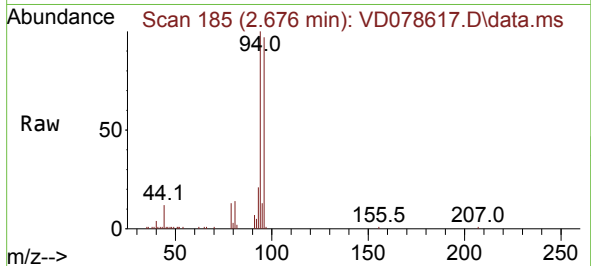




#5
Bromomethane
Concen: 21.480 ug/l
RT: 2.676 min Scan# 11
Delta R.T. -0.017 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

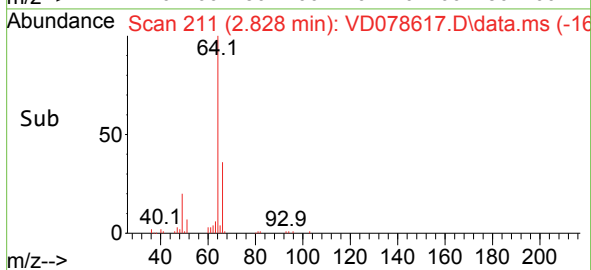
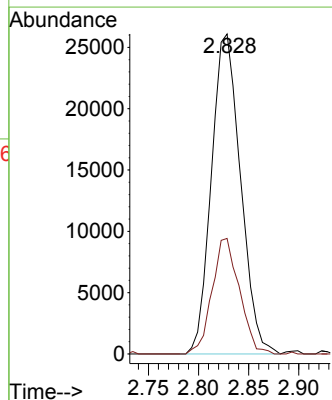
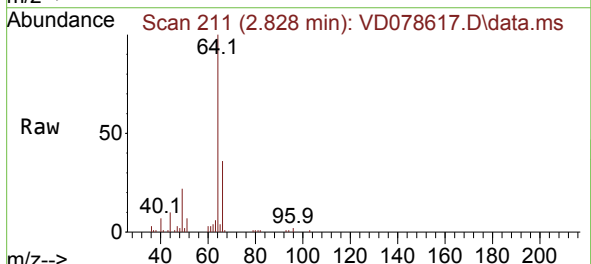
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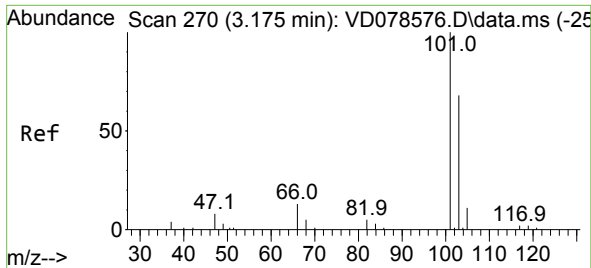
Tgt Ion: 94 Resp: 55233
Ion Ratio Lower Upper
94 100
96 95.9 75.8 113.8



#6
Chloroethane
Concen: 22.115 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 64 Resp: 52772
Ion Ratio Lower Upper
64 100
66 36.1 25.5 38.3

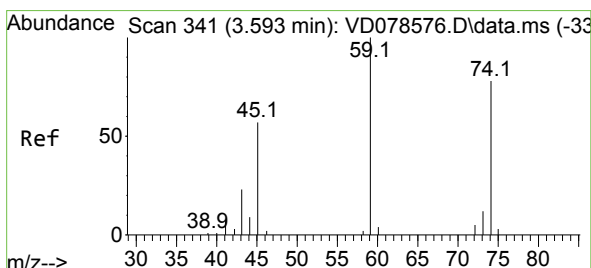
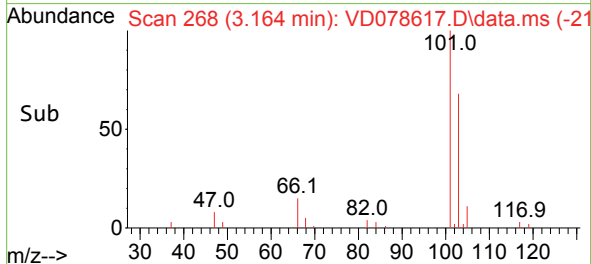
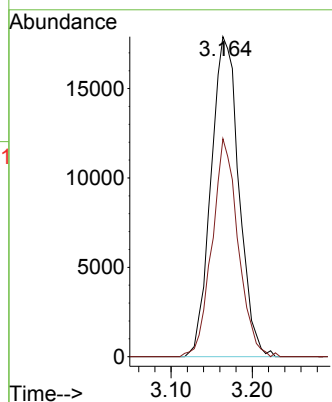
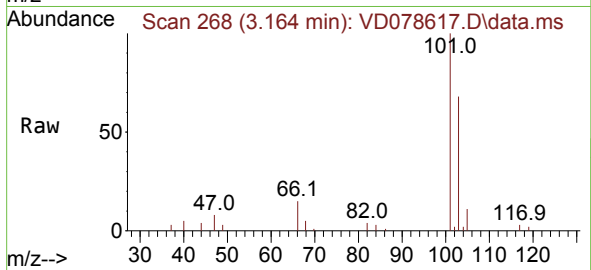




#7
 Trichlorofluoromethane
 Concen: 19.604 ug/l
 RT: 3.164 min Scan# 210
 Delta R.T. -0.011 min
 Lab File: VD078617.D
 Acq: 08 Mar 2024 12:52

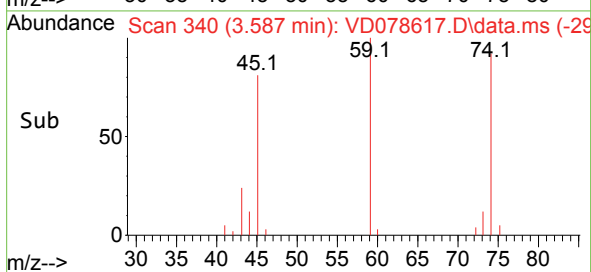
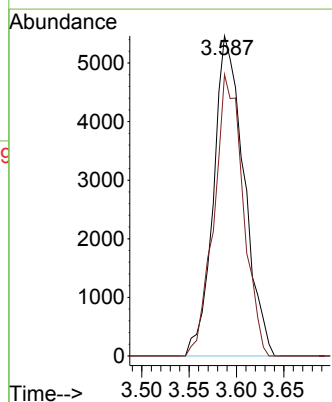
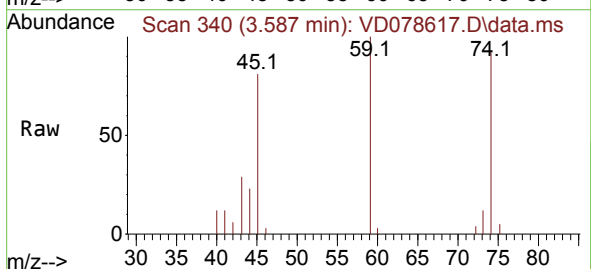
Instrument :
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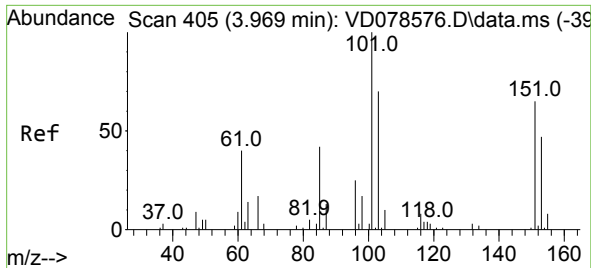
Tgt Ion:101 Resp: 42678
 Ion Ratio Lower Upper
 101 100
 103 68.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.968 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.005 min
 Lab File: VD078617.D
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Tgt Ion: 74 Resp: 12206
 Ion Ratio Lower Upper
 74 100
 45 84.0 37.5 112.7

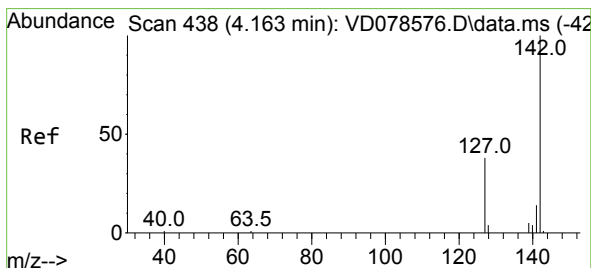
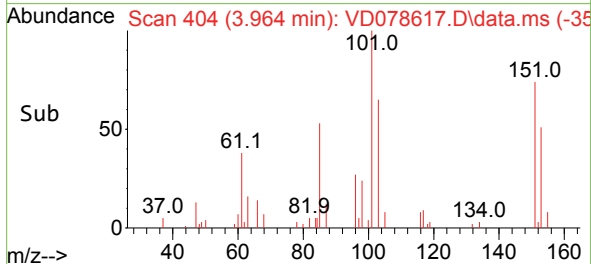
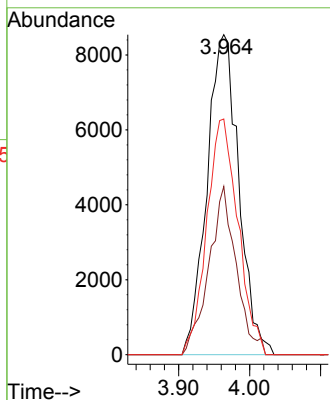
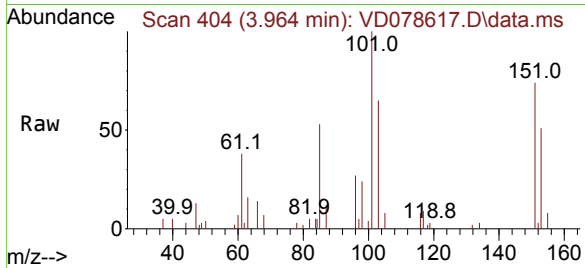




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.397 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

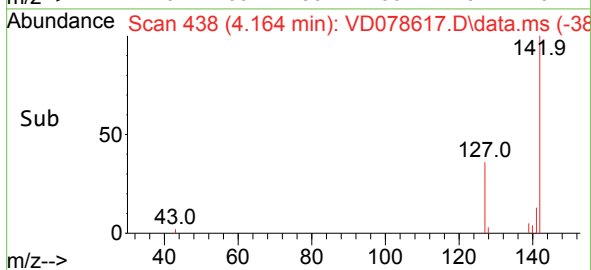
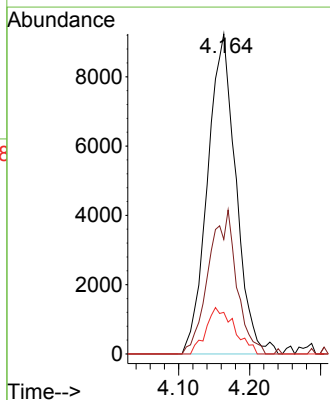
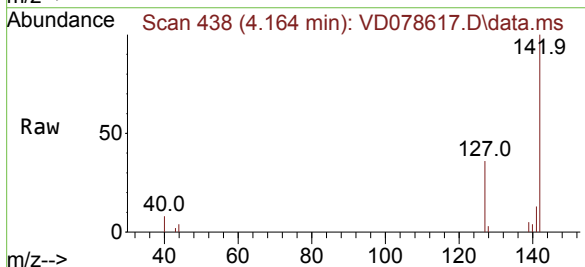
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

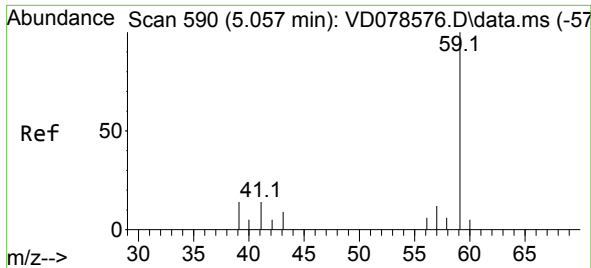
Tgt Ion:101 Resp: 26613
Ion Ratio Lower Upper
101 100
85 45.1 33.8 50.6
151 72.1 59.8 89.6



#10
Methyl Iodide
Concen: 17.837 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion:142 Resp: 25609
Ion Ratio Lower Upper
142 100
127 44.5 29.4 44.0#
141 14.5 11.1 16.7

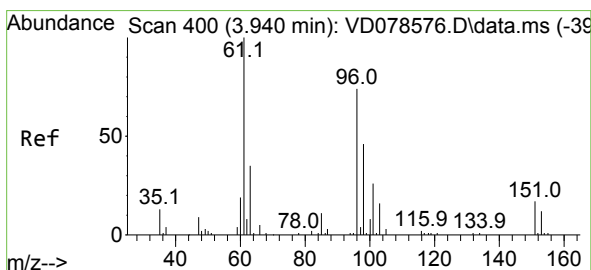
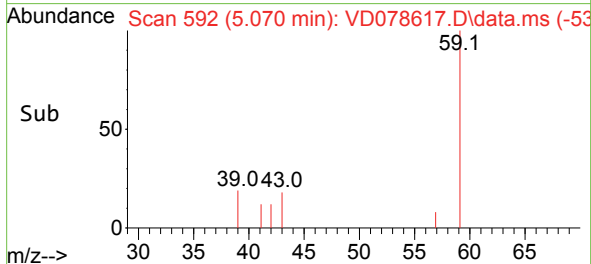
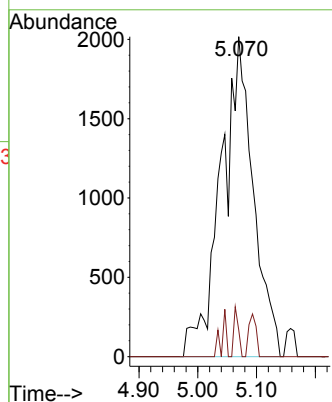
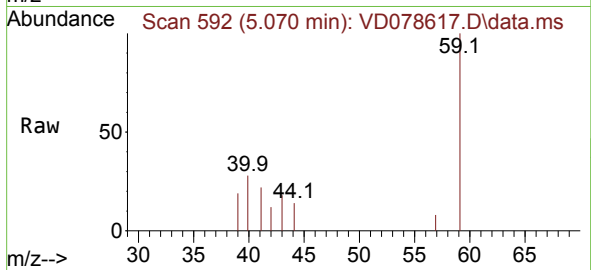




#11
Tert butyl alcohol
Concen: 124.234 ug/l
RT: 5.070 min Scan# 591
Delta R.T. 0.013 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

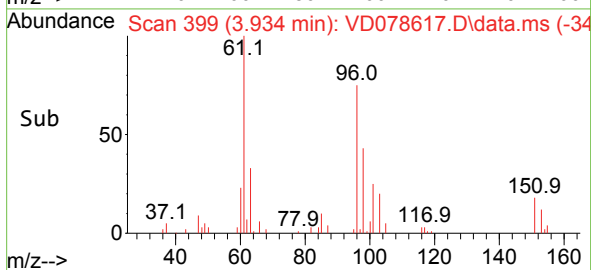
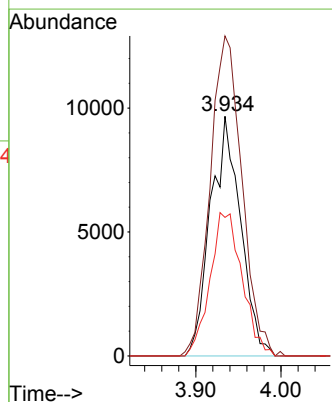
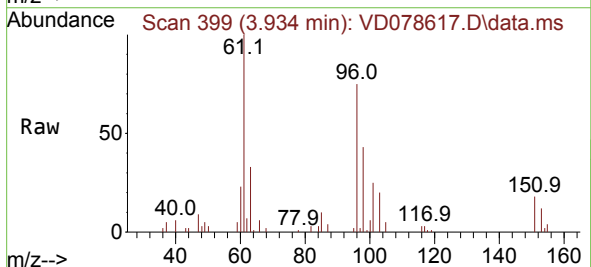
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

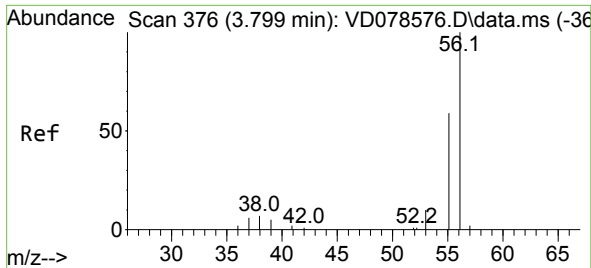
Tgt Ion: 59 Resp: 7711
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.466 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 96 Resp: 23653
Ion Ratio Lower Upper
96 100
61 133.5 100.6 150.8
98 57.8 50.2 75.2

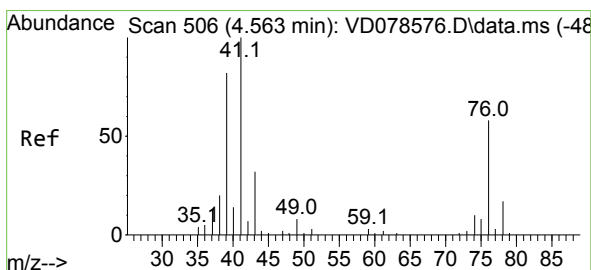
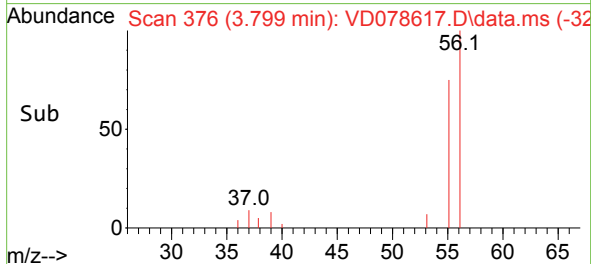
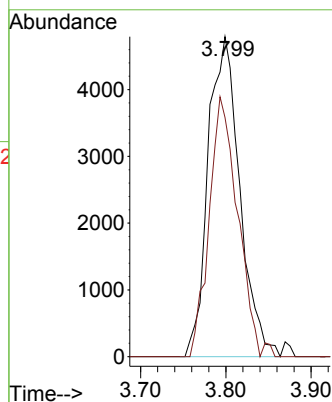
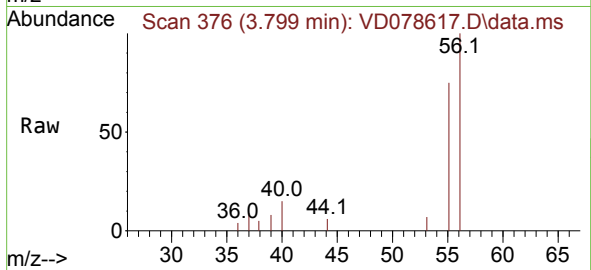




#13
Acrolein
Concen: 95.865 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

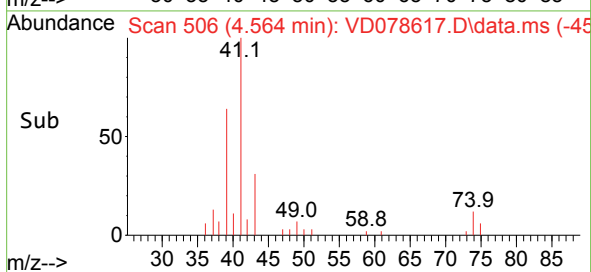
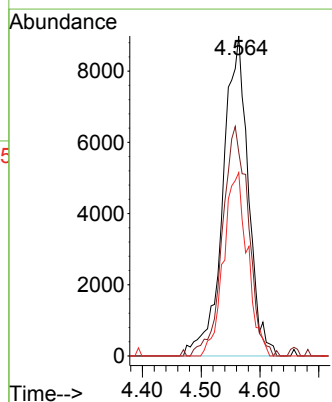
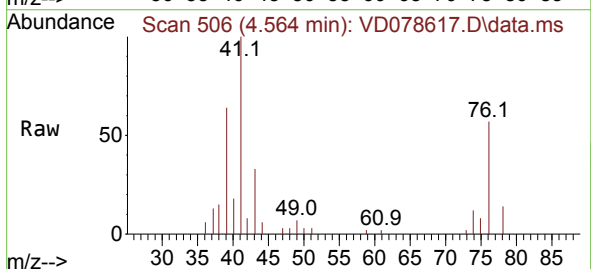
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

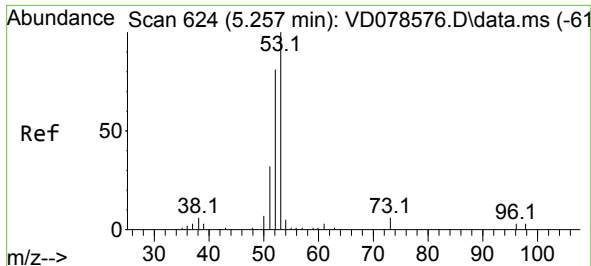
Tgt Ion: 56 Resp: 12344
Ion Ratio Lower Upper
56 100
55 73.6 55.1 82.7



#14
Allyl chloride
Concen: 18.435 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 41 Resp: 26895
Ion Ratio Lower Upper
41 100
39 73.4 53.8 80.6
76 54.1 45.8 68.8

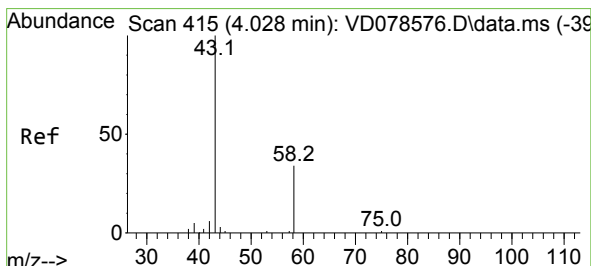
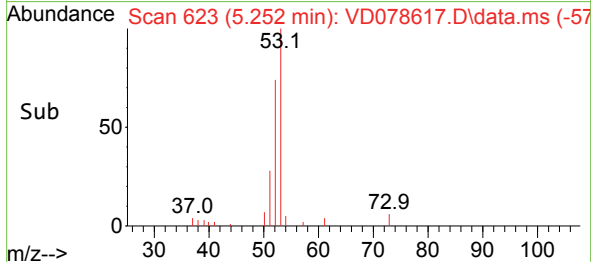
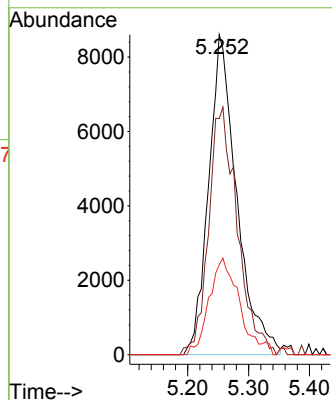
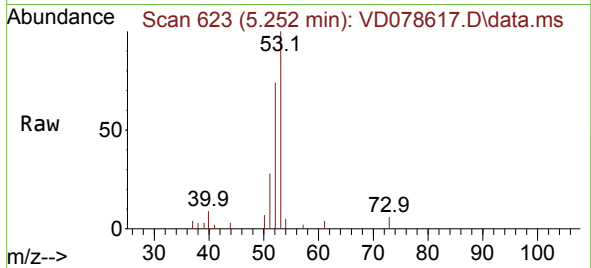




#15
Acrylonitrile
Concen: 109.575 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

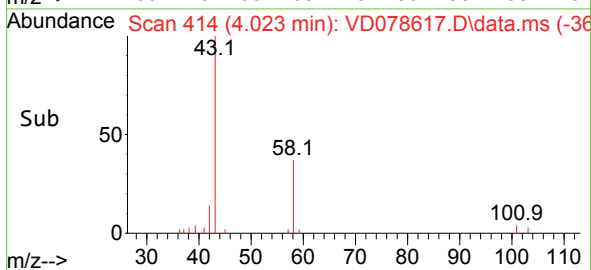
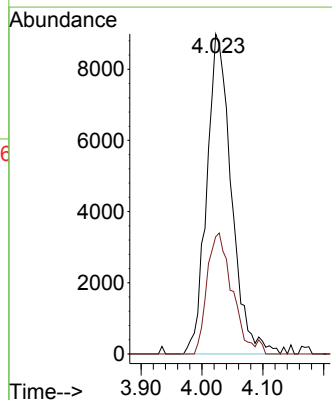
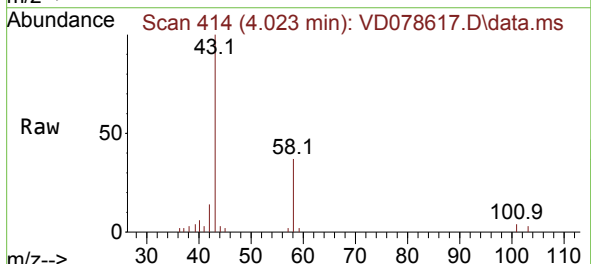
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

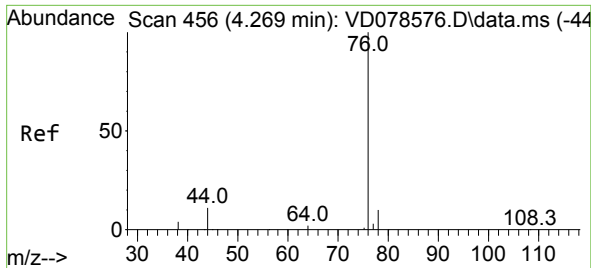
Tgt Ion:	53	Resp:	27615
Ion	Ratio	Lower	Upper
53	100		
52	78.8	65.0	97.4
51	32.7	28.3	42.5



#16
Acetone
Concen: 101.719 ug/l
RT: 4.023 min Scan# 414
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion:	43	Resp:	25302
Ion	Ratio	Lower	Upper
43	100		
58	36.6	34.7	52.1

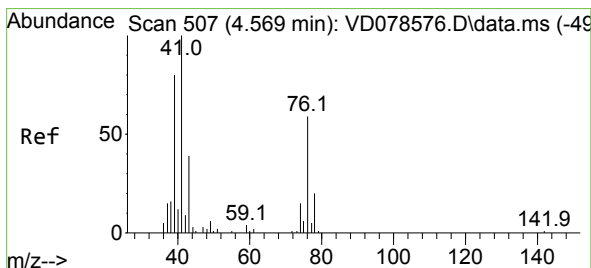
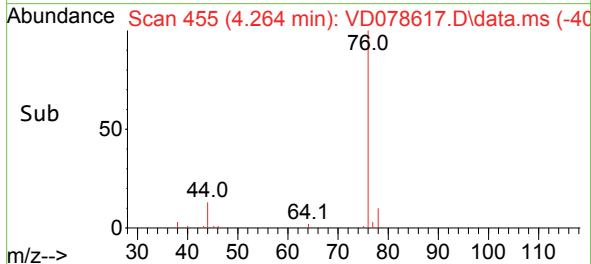
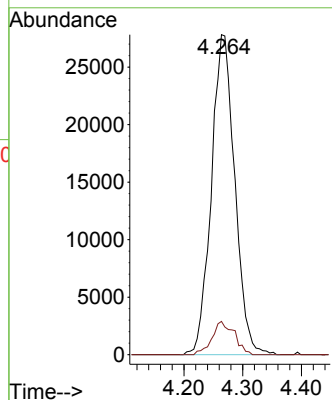
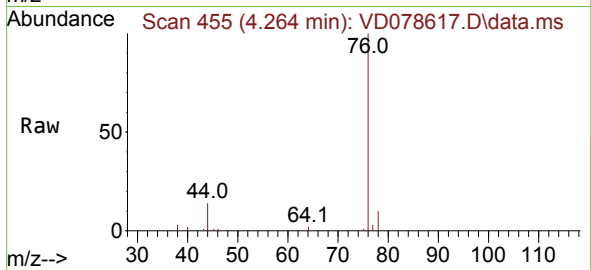




#17
Carbon Disulfide
Concen: 18.030 ug/l
RT: 4.264 min Scan# 456
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

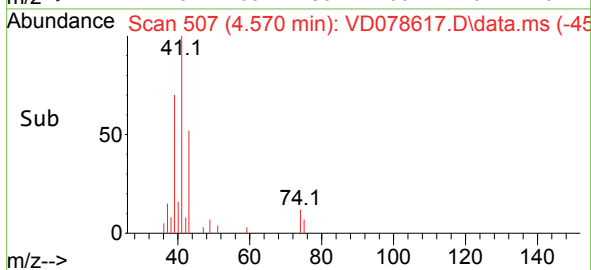
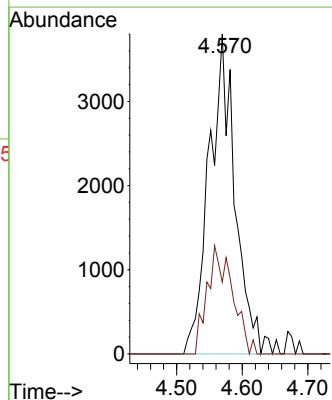
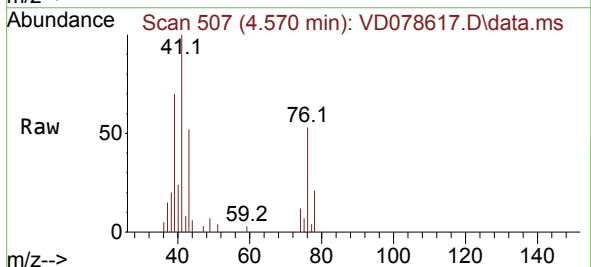
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

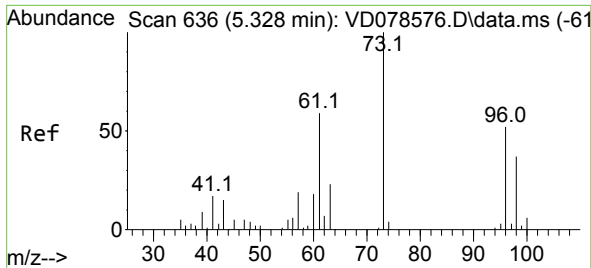
Tgt Ion: 76 Resp: 76941
Ion Ratio Lower Upper
76 100
78 10.4 6.8 10.2#



#18
Methyl Acetate
Concen: 22.393 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 43 Resp: 10543
Ion Ratio Lower Upper
43 100
74 32.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 19.916 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.005 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

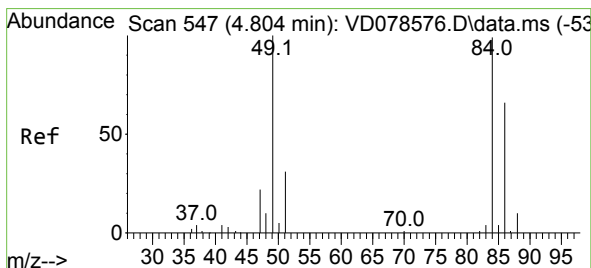
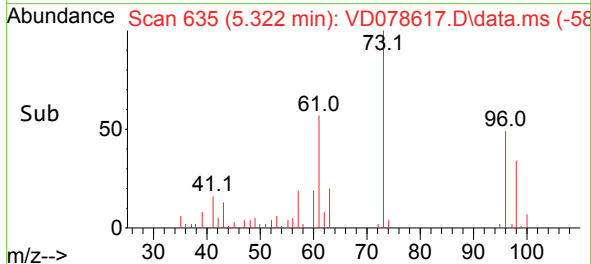
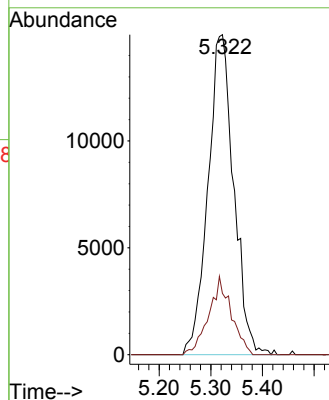
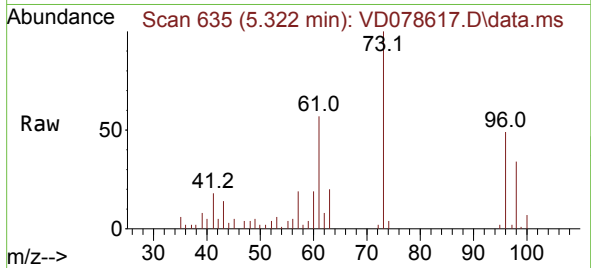
VD0308SBS01

Tgt Ion: 73 Resp: 51866

Ion Ratio Lower Upper

73 100

57 19.2 16.6 25.0



#20

Methylene Chloride

Concen: 15.183 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

Tgt Ion: 84 Resp: 38518

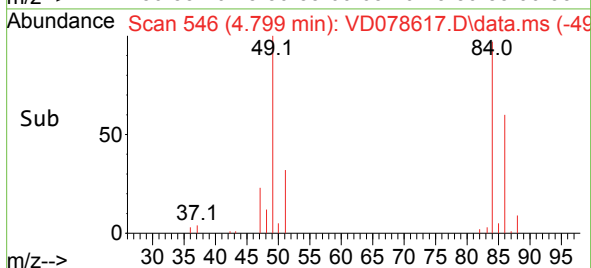
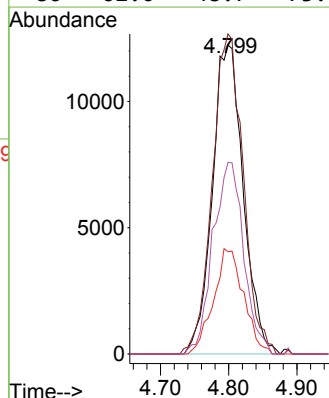
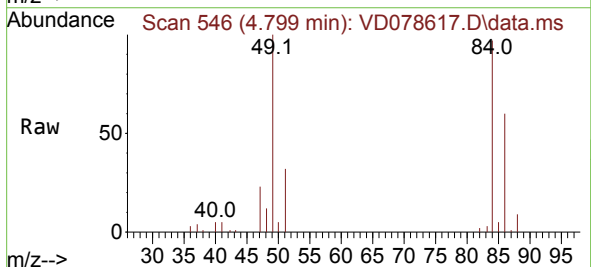
Ion Ratio Lower Upper

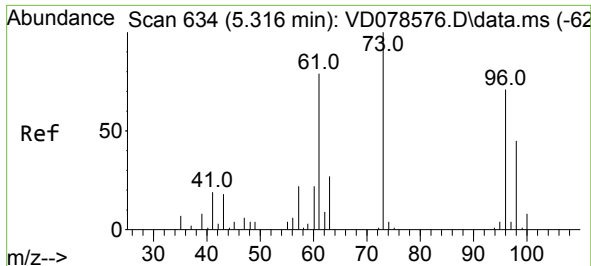
84 100

49 103.6 71.4 107.2

51 33.1 24.5 36.7

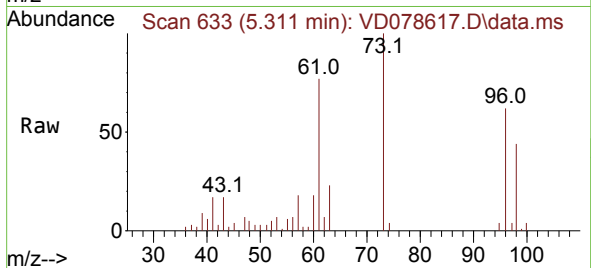
86 62.0 48.7 73.1



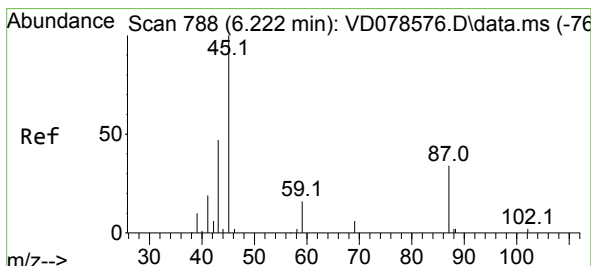
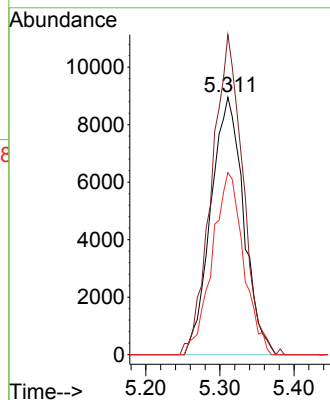
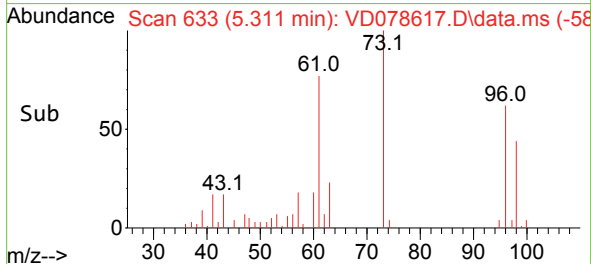


#21
trans-1,2-Dichloroethene
Concen: 17.882 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

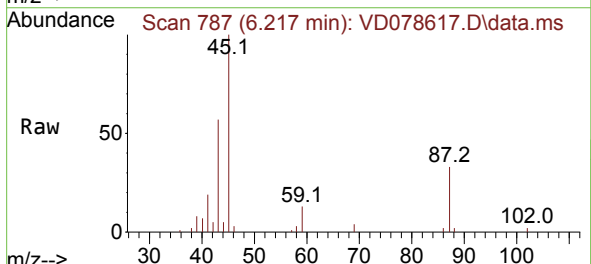
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01



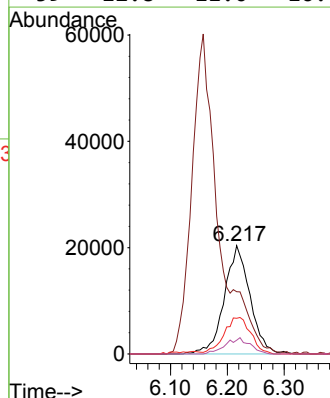
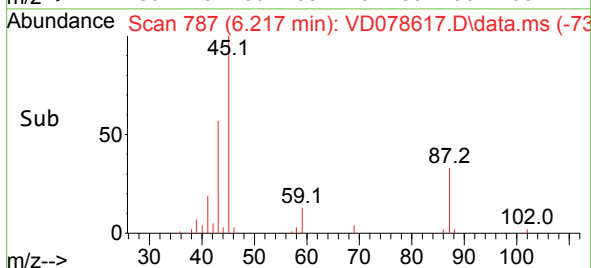
Tgt Ion:	96	Resp:	27520
Ion	Ratio	Lower	Upper
96	100		
61	124.3	89.3	133.9
98	70.7	48.6	73.0

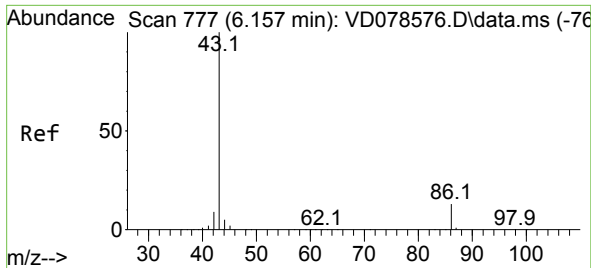


#22
Diisopropyl ether
Concen: 19.480 ug/l
RT: 6.217 min Scan# 787
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52



Tgt Ion:	45	Resp:	63718
Ion	Ratio	Lower	Upper
45	100		
43	55.6	40.0	60.0
87	32.9	28.2	42.4
59	12.8	11.0	16.4

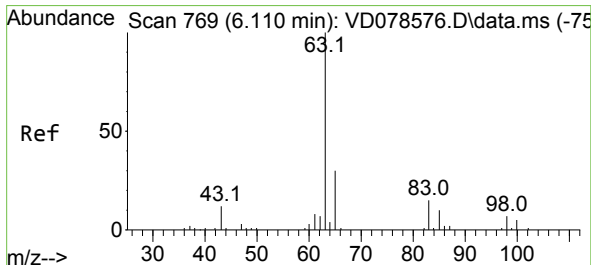
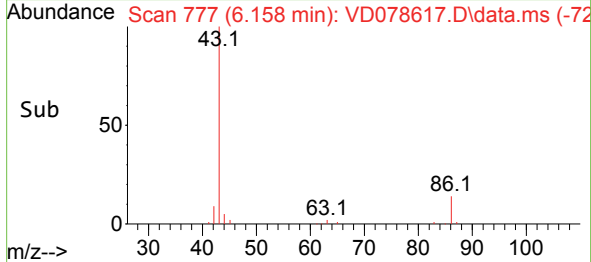
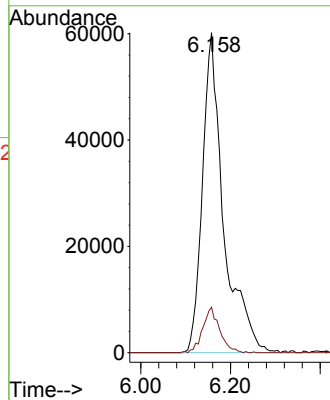
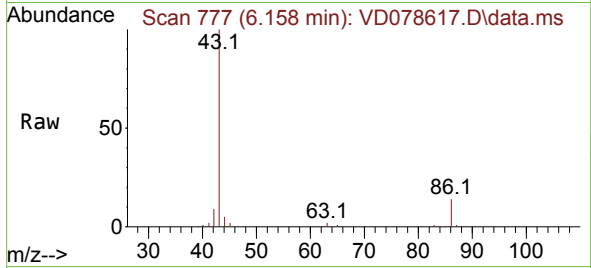




#23
 Vinyl Acetate
 Concen: 101.454 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078617.D
 Acq: 08 Mar 2024 12:52

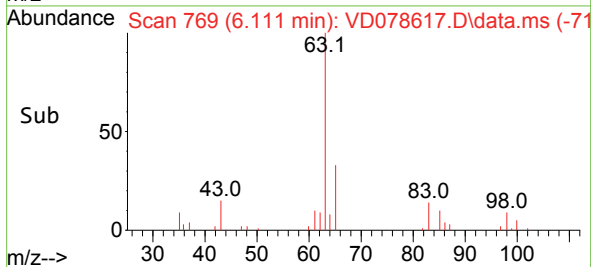
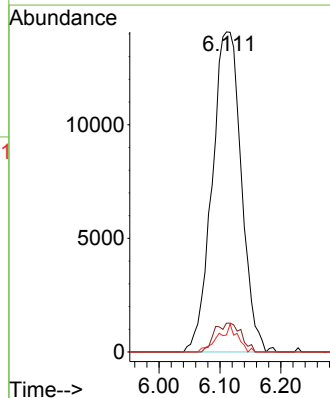
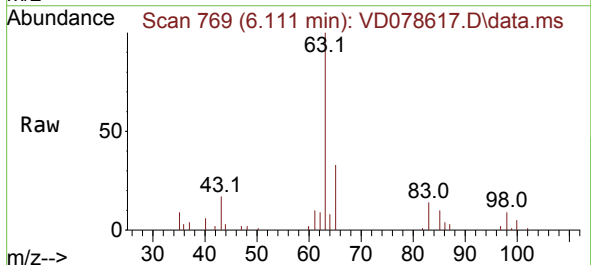
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBS01

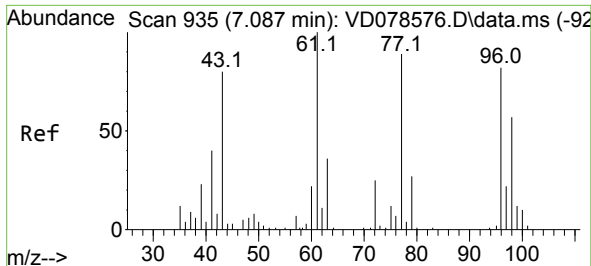
Tgt Ion: 43 Resp: 197088
 Ion Ratio Lower Upper
 43 100
 86 14.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 19.006 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078617.D
 Acq: 08 Mar 2024 12:52

Tgt Ion: 63 Resp: 46965
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.5 13.7
 100 5.3 2.5 7.5

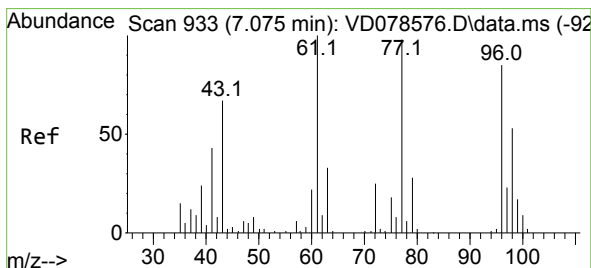
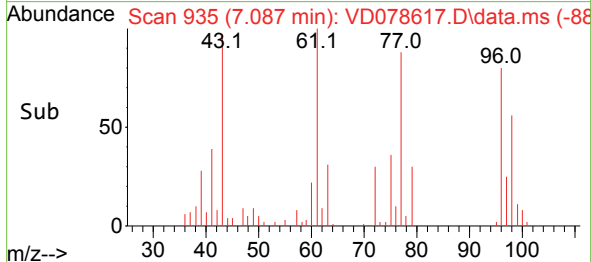
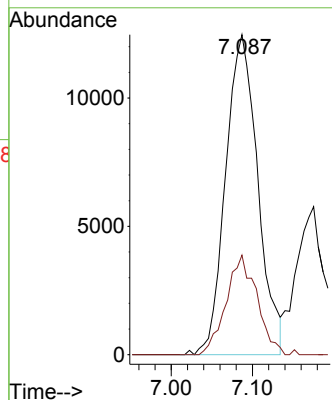
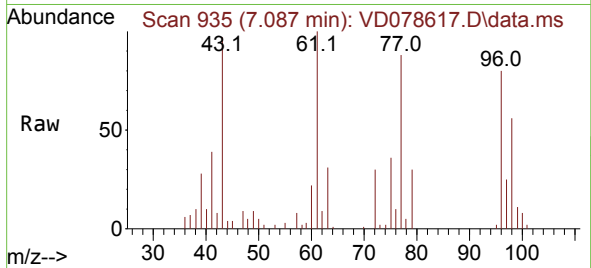




#25
2-Butanone
Concen: 109.529 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

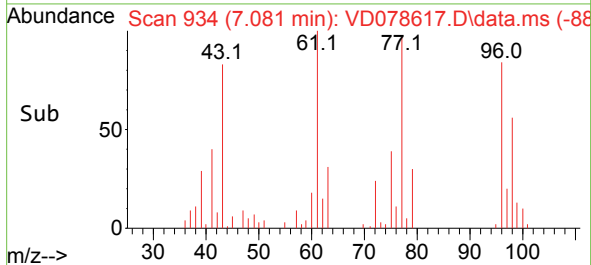
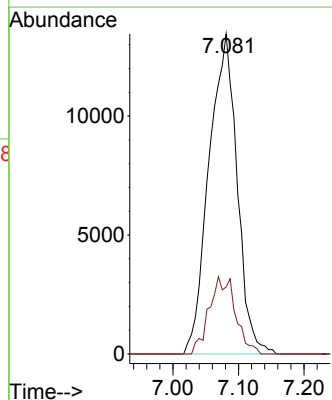
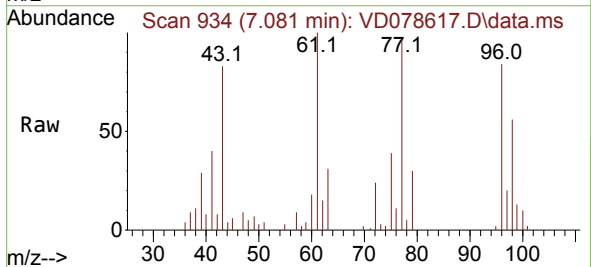
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

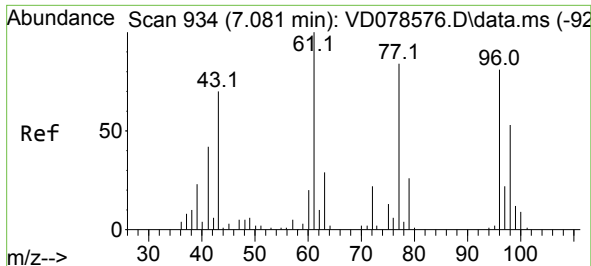
Tgt Ion: 43 Resp: 34367
Ion Ratio Lower Upper
43 100
72 31.1 30.7 46.1



#26
2,2-Dichloropropane
Concen: 19.234 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 77 Resp: 40152
Ion Ratio Lower Upper
77 100
97 22.5 13.2 39.6

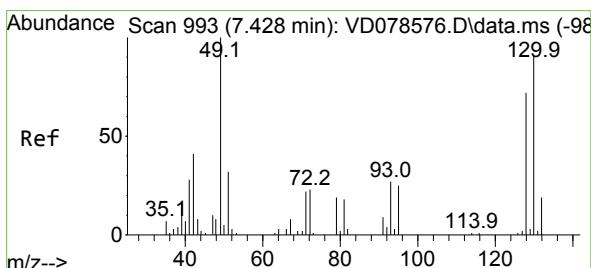
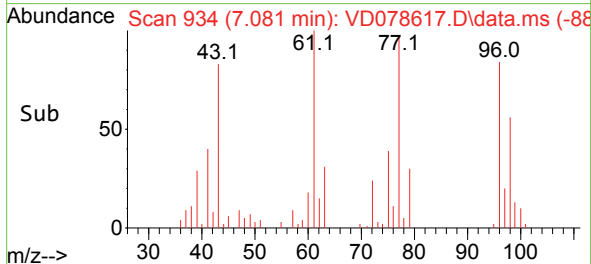
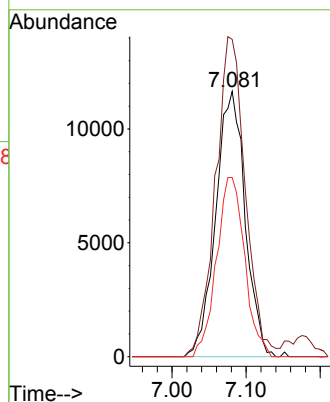
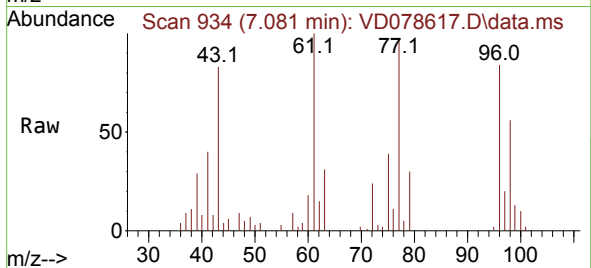




#27
 cis-1,2-Dichloroethene
 Concen: 19.007 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078617.D
 Acq: 08 Mar 2024 12:52

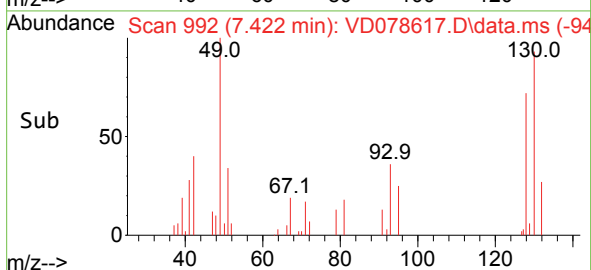
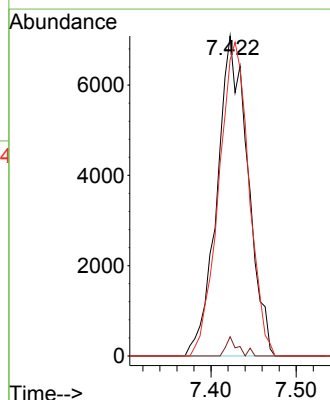
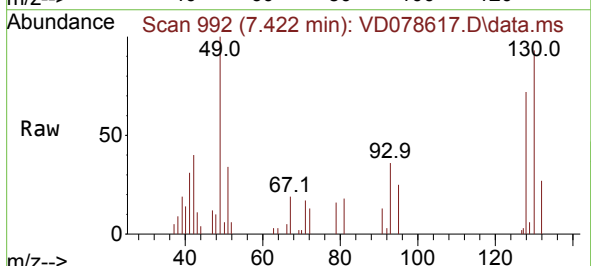
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBS01

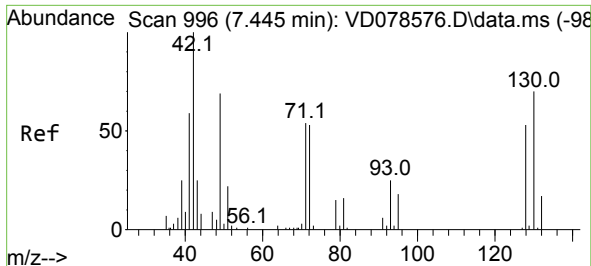
Tgt Ion: 96	Resp: 32031
Ion Ratio	Lower Upper
96 100	
61 122.2	0.0 239.2
98 64.9	0.0 128.6



#28
 Bromochloromethane
 Concen: 19.328 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.005 min
 Lab File: VD078617.D
 Acq: 08 Mar 2024 12:52

Tgt Ion: 49	Resp: 17843
Ion Ratio	Lower Upper
49 100	
129 2.3	0.0 6.0
130 95.8	83.2 124.8





#29

Tetrahydrofuran

Concen: 107.778 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01

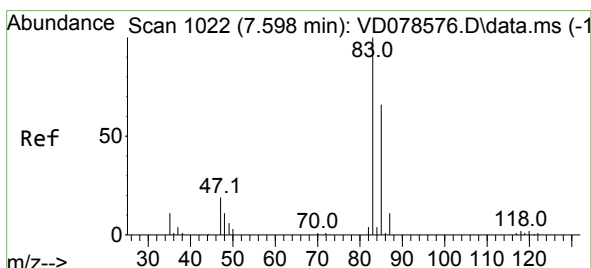
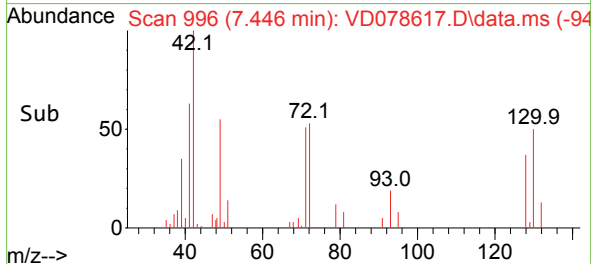
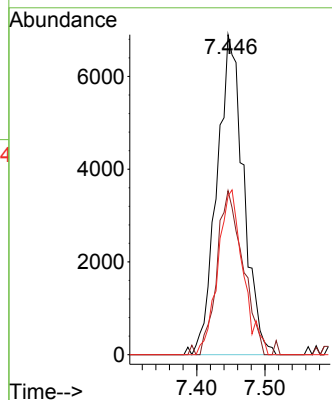
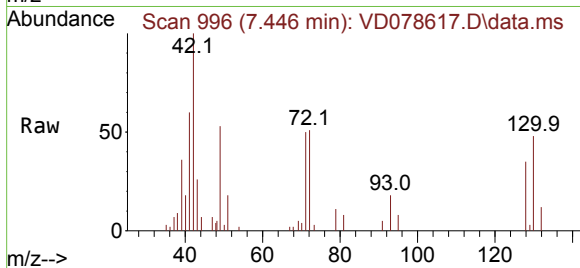
Tgt Ion: 42 Resp: 18788

Ion Ratio Lower Upper

42 100

72 49.9 46.5 69.7

71 48.9 44.5 66.7



#30

Chloroform

Concen: 19.842 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.005 min

Lab File: VD078617.D

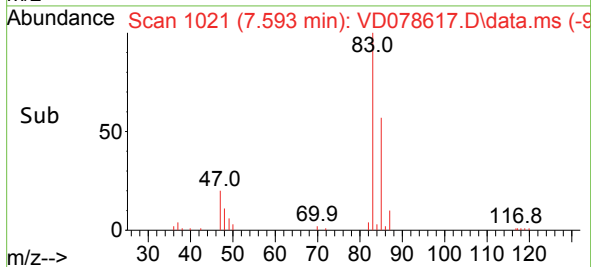
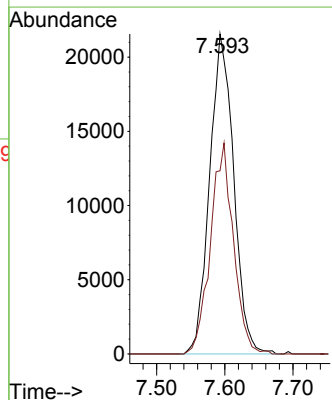
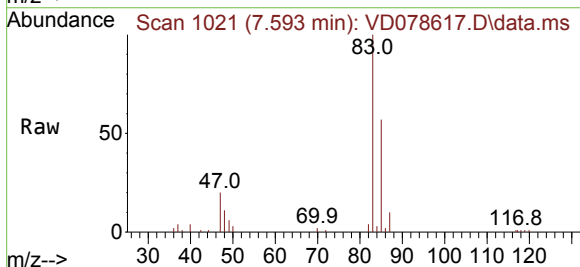
Acq: 08 Mar 2024 12:52

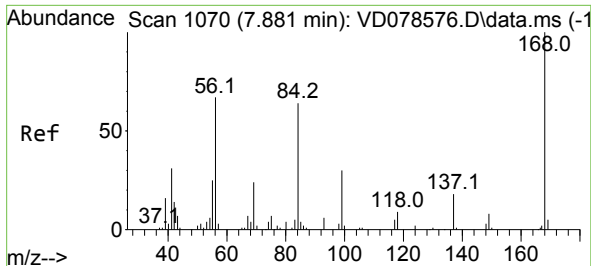
Tgt Ion: 83 Resp: 52942

Ion Ratio Lower Upper

83 100

85 57.3 53.4 80.2

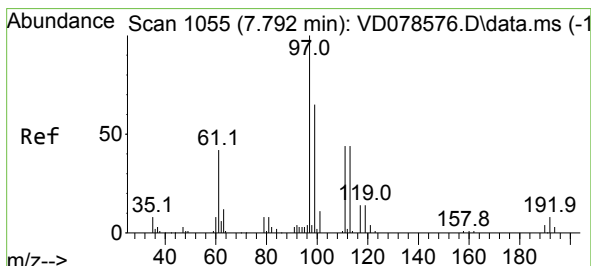
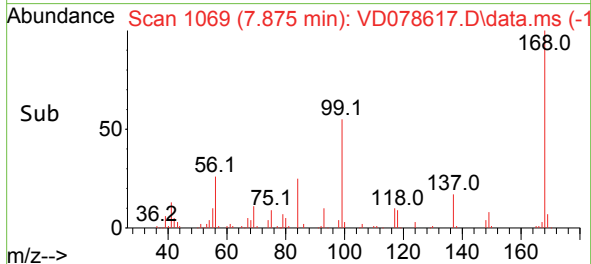
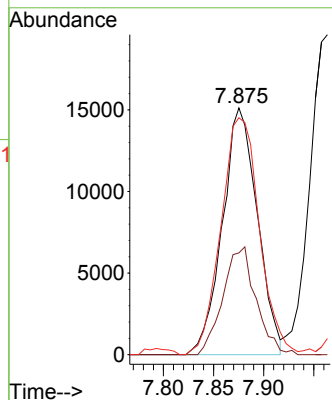
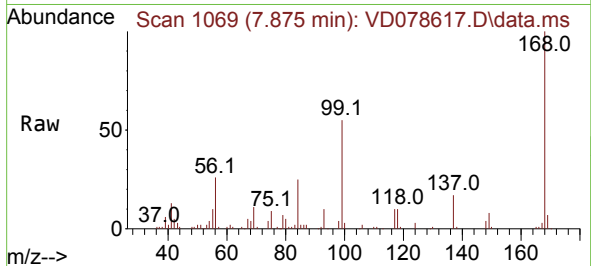




#31
Cyclohexane
Concen: 18.064 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

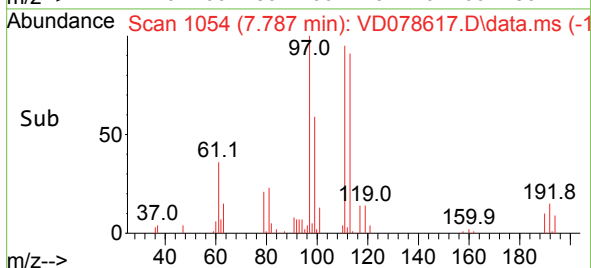
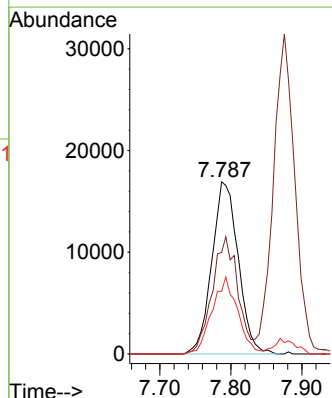
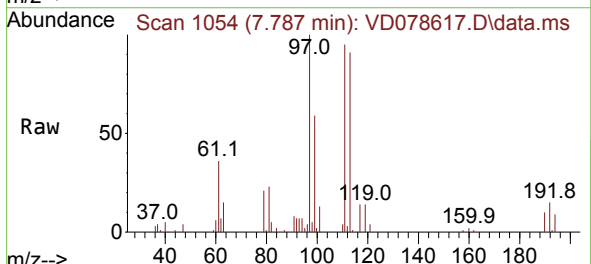
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

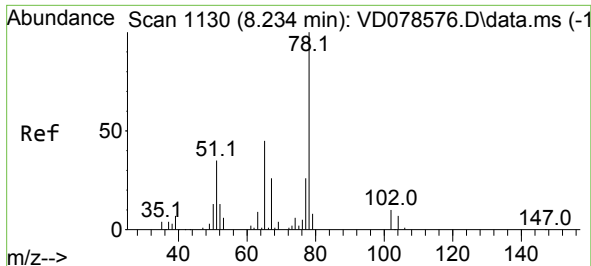
Tgt Ion: 56 Resp: 36709
Ion Ratio Lower Upper
56 100
69 41.2 28.6 43.0
84 96.1 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.032 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 97 Resp: 43562
Ion Ratio Lower Upper
97 100
99 65.6 52.0 78.0
61 43.3 33.8 50.8

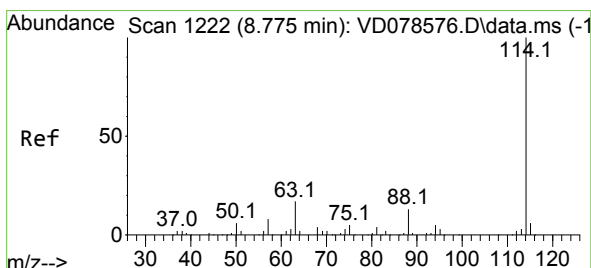
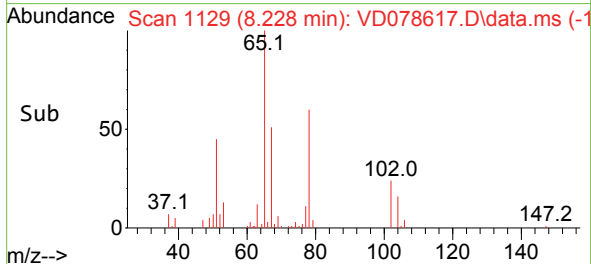
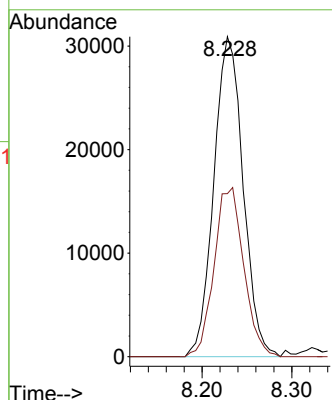
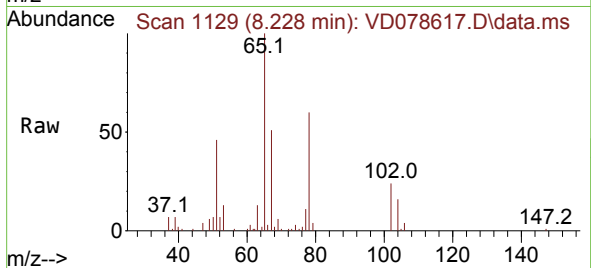




#33
 1,2-Dichloroethane-d4
 Concen: 53.884 ug/l
 RT: 8.228 min Scan# 1130
 Delta R.T. -0.005 min
 Lab File: VD078617.D
 Acq: 08 Mar 2024 12:52

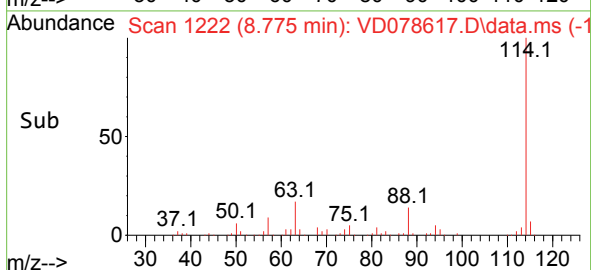
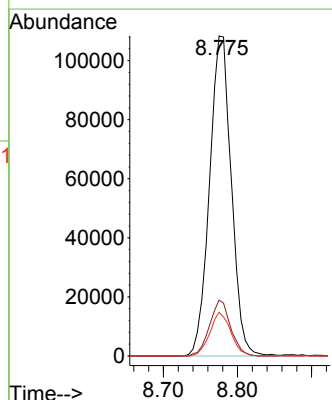
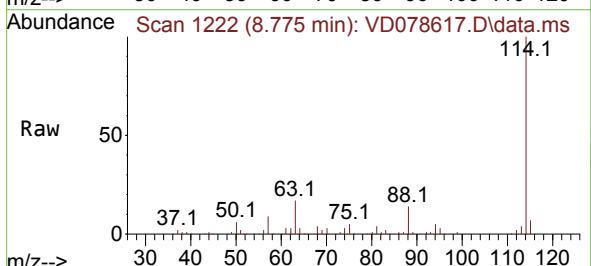
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBS01

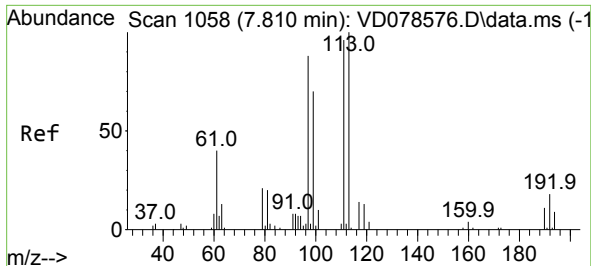
Tgt Ion: 65 Resp: 69961
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD078617.D
 Acq: 08 Mar 2024 12:52

Tgt Ion: 114 Resp: 221557
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.4
 88 13.6 0.0 26.2

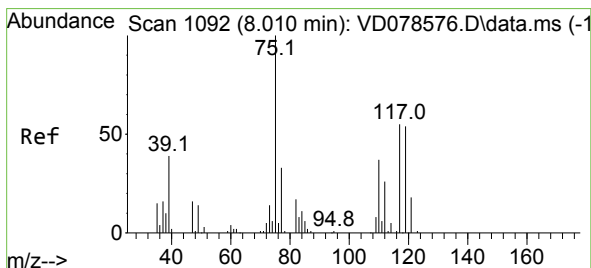
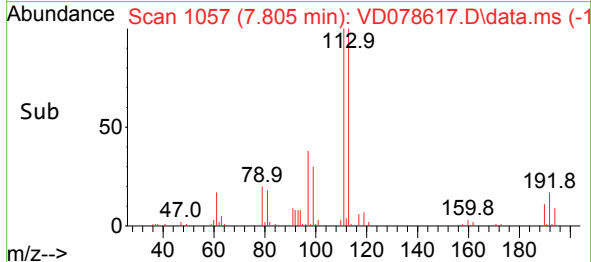
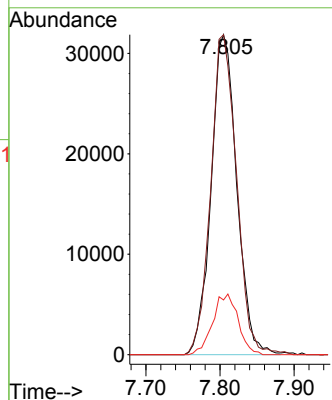
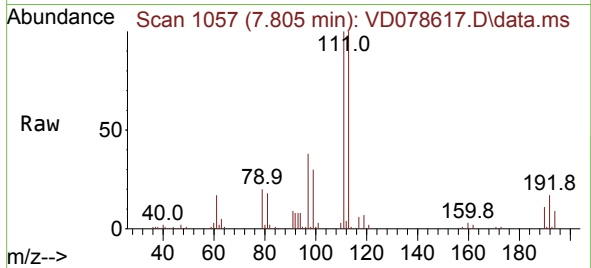




#35
Dibromofluoromethane
Concen: 53.179 ug/l
RT: 7.805 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

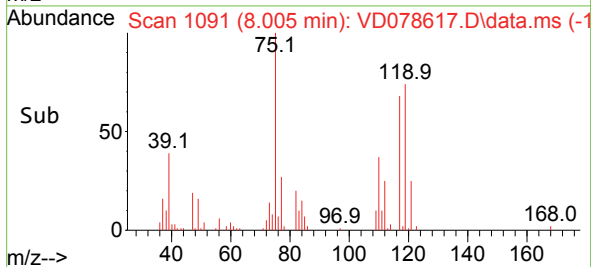
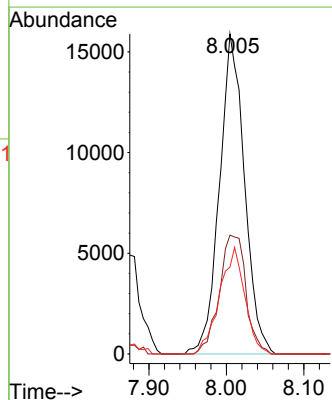
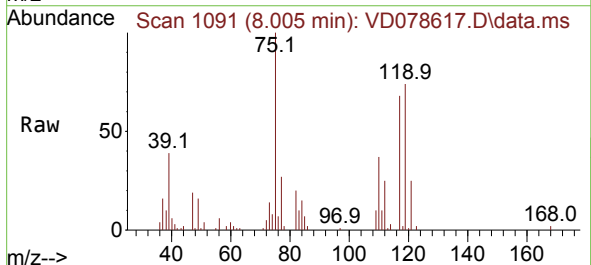
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

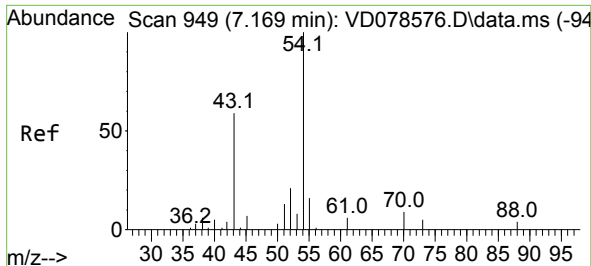
Tgt Ion:113 Resp: 76642
Ion Ratio Lower Upper
113 100
111 100.5 84.7 127.1
192 18.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 17.904 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 75 Resp: 35707
Ion Ratio Lower Upper
75 100
110 39.6 19.9 59.6
77 33.5 24.7 37.1





#37

Ethyl Acetate

Concen: 23.233 ug/l

RT: 7.175 min Scan# 949

Delta R.T. 0.006 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01

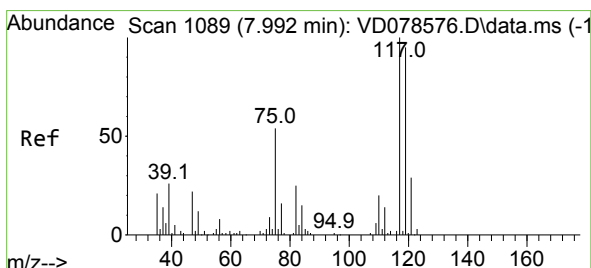
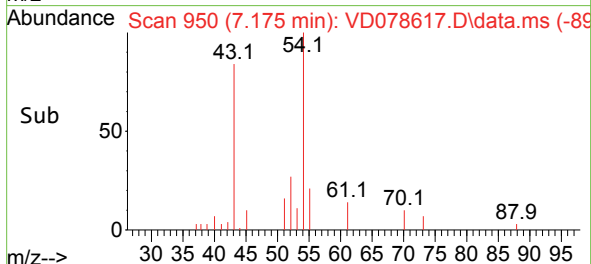
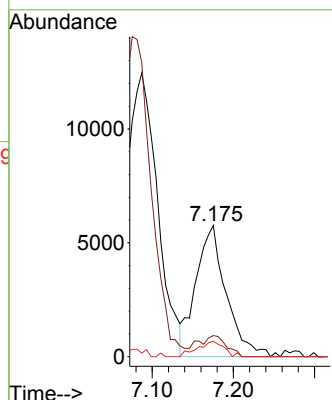
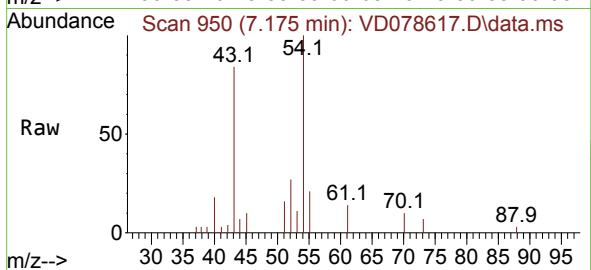
Tgt Ion: 43 Resp: 15013

Ion Ratio Lower Upper

43 100

61 15.3 14.9 22.3

70 10.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 19.253 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.005 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

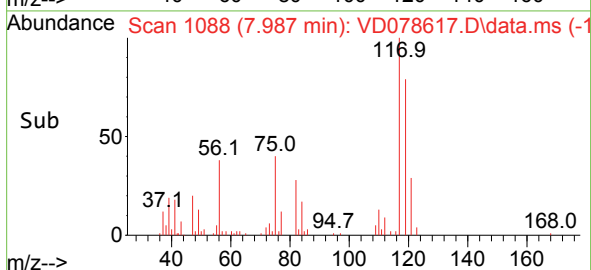
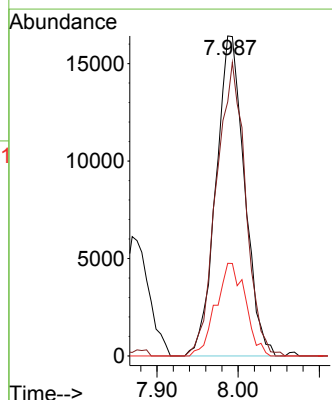
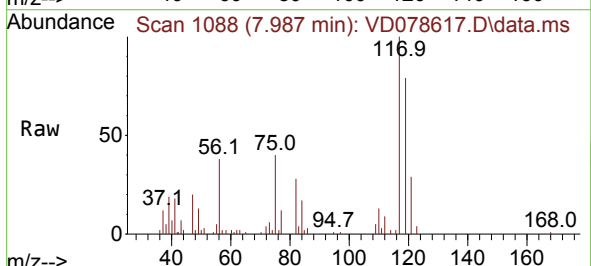
Tgt Ion:117 Resp: 40160

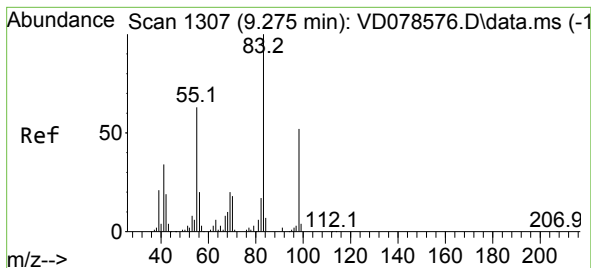
Ion Ratio Lower Upper

117 100

119 79.4 78.0 117.0

121 29.0 24.2 36.2





#39

Methylcyclohexane

Concen: 17.069 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.005 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01

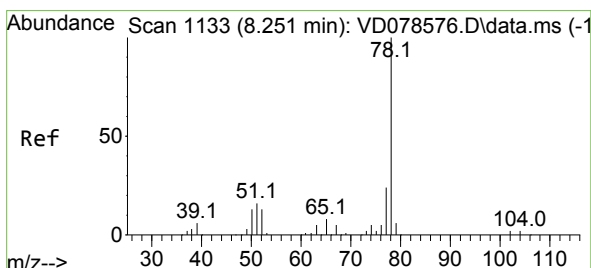
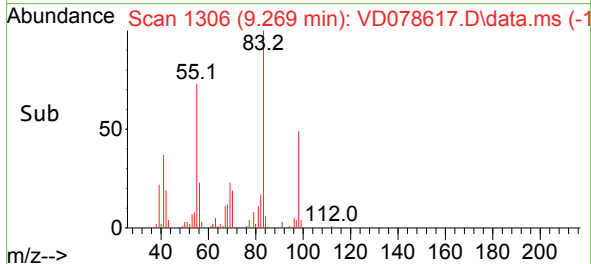
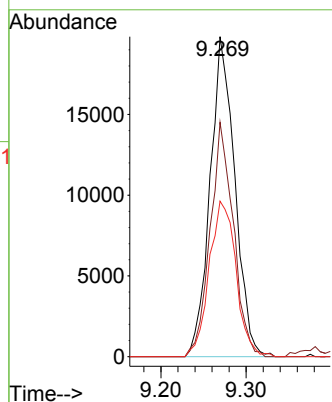
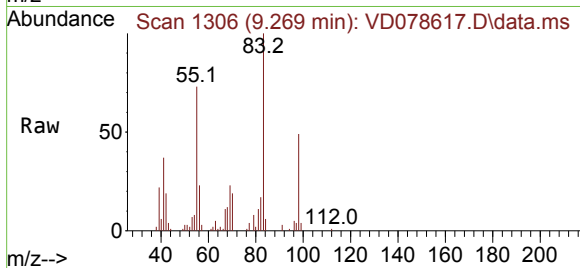
Tgt Ion: 83 Resp: 39955

Ion Ratio Lower Upper

83 100

55 73.3 49.4 74.0

98 48.6 38.4 57.6



#40

Benzene

Concen: 19.323 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078617.D

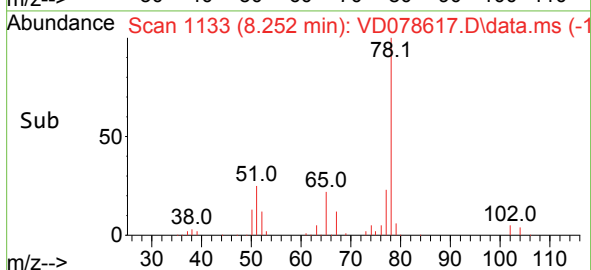
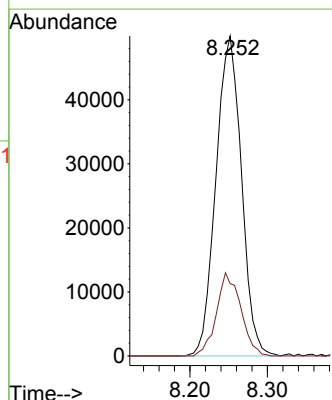
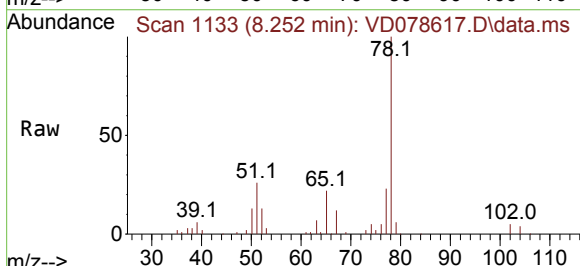
Acq: 08 Mar 2024 12:52

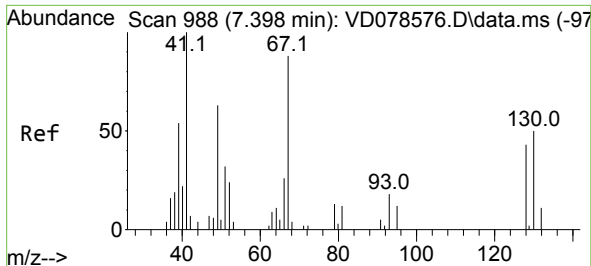
Tgt Ion: 78 Resp: 114225

Ion Ratio Lower Upper

78 100

77 22.6 19.4 29.0

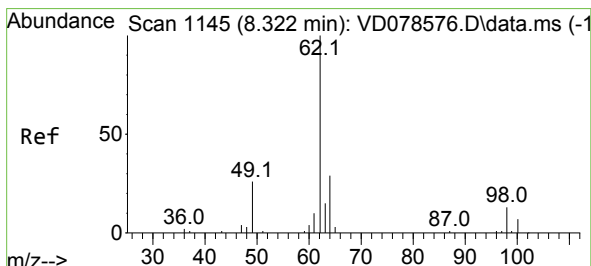
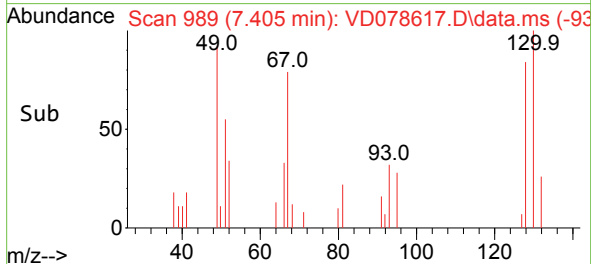
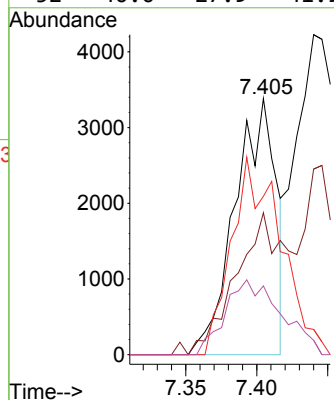
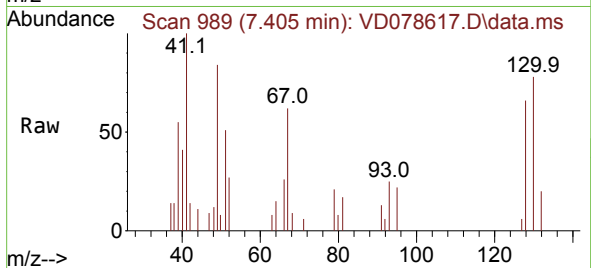




#41
Methacrylonitrile
Concen: 19.680 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

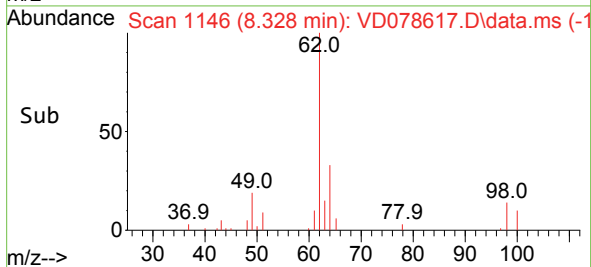
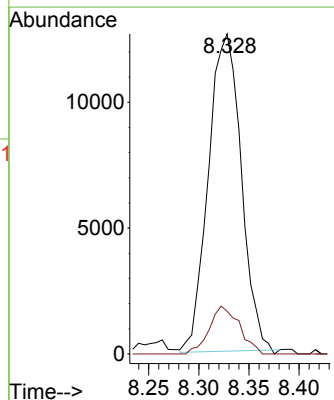
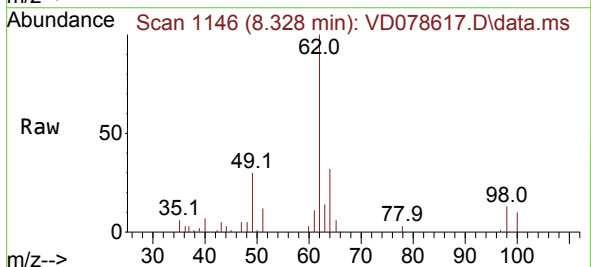
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

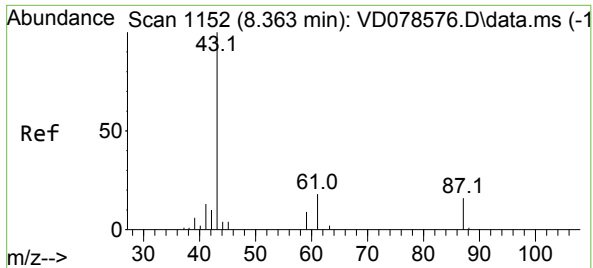
Tgt Ion: 41 Resp: 6816
Ion Ratio Lower Upper
41 100
39 71.1 34.0 51.0#
67 92.0 77.0 115.4
52 40.0 27.9 41.9



#42
1,2-Dichloroethane
Concen: 19.144 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 62 Resp: 28709
Ion Ratio Lower Upper
62 100
98 13.9 0.0 25.4

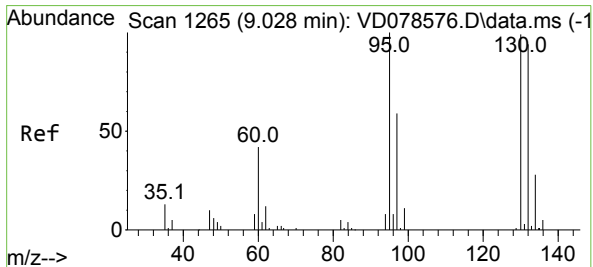
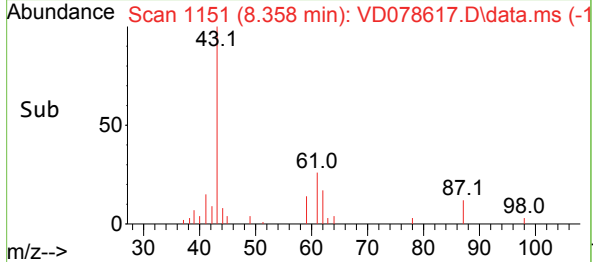
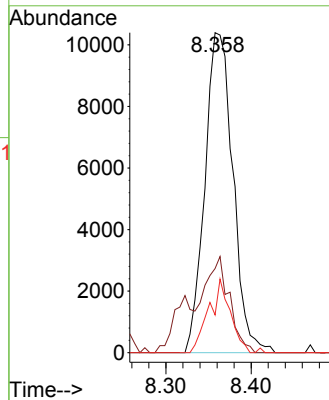
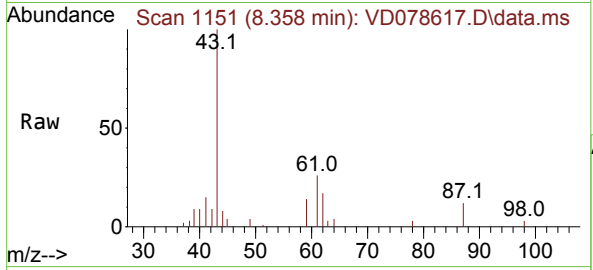




#43
Isopropyl Acetate
Concen: 19.181 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

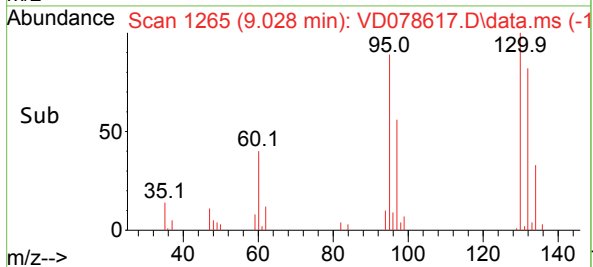
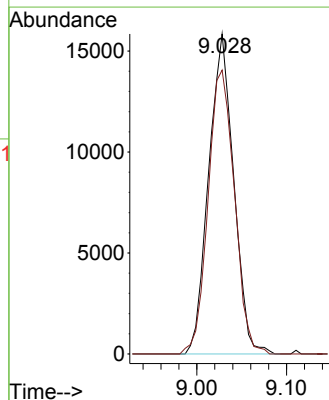
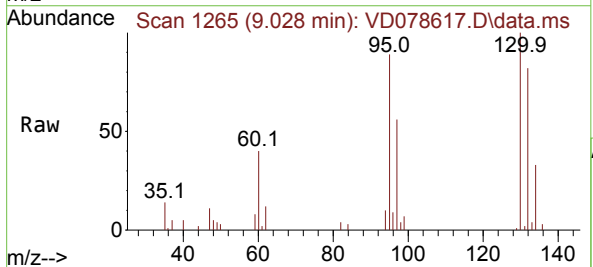
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

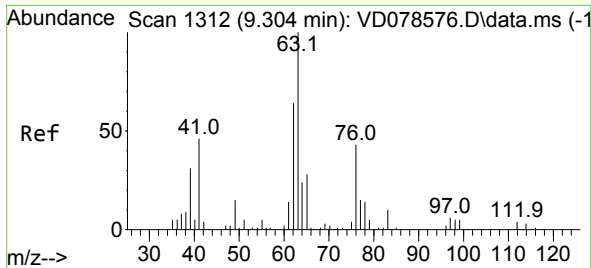
Tgt Ion: 43 Resp: 23763
Ion Ratio Lower Upper
43 100
61 26.5 31.4 47.0#
87 17.7 14.9 22.3



#44
Trichloroethene
Concen: 18.916 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion:130 Resp: 30684
Ion Ratio Lower Upper
130 100
95 88.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.666 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

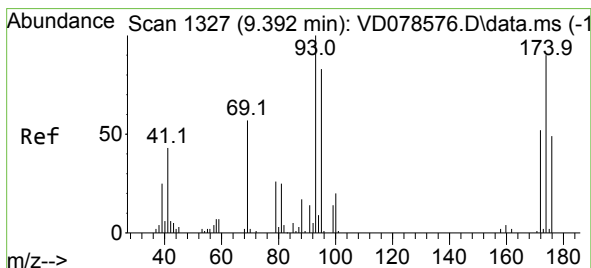
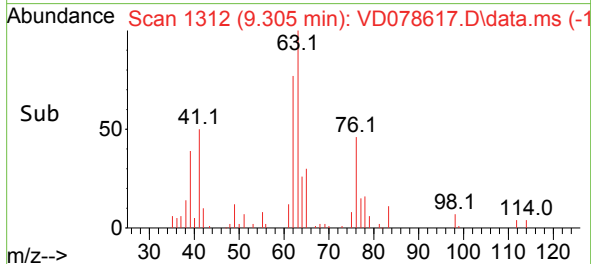
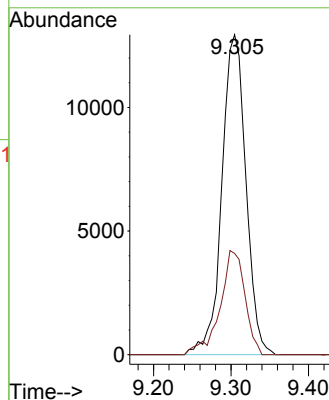
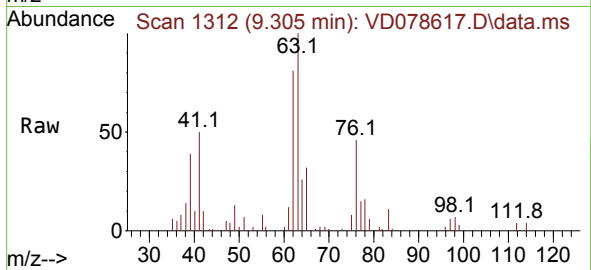
VD0308SBS01

Tgt Ion: 63 Resp: 27926

Ion Ratio Lower Upper

63 100

65 31.7 24.5 36.7



#46

Dibromomethane

Concen: 21.395 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

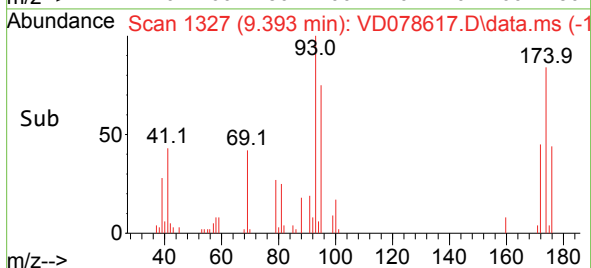
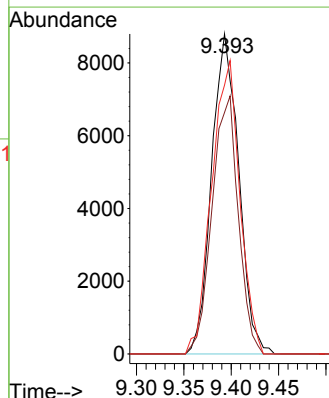
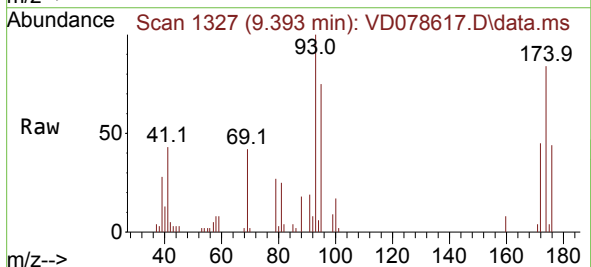
Tgt Ion: 93 Resp: 17514

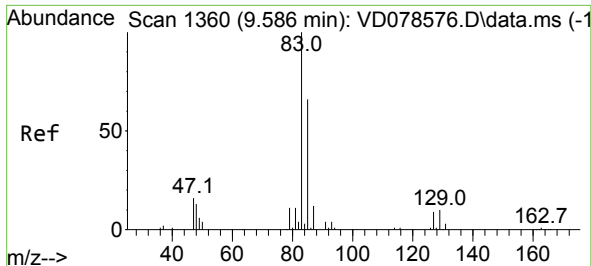
Ion Ratio Lower Upper

93 100

95 78.0 67.7 101.5

174 95.5 85.4 128.2





#47

Bromodichloromethane

Concen: 20.492 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.005 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01

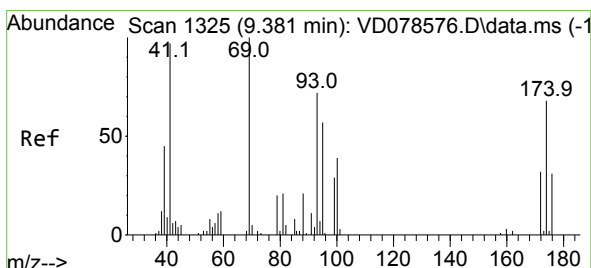
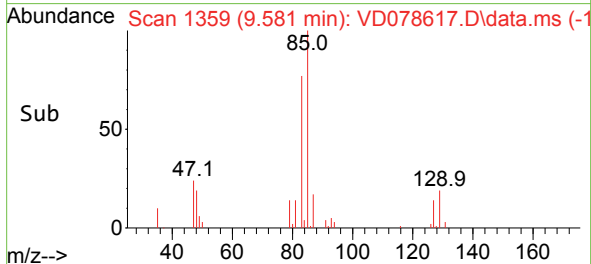
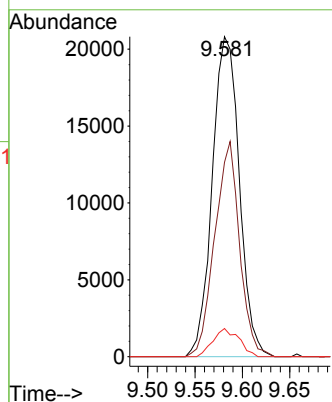
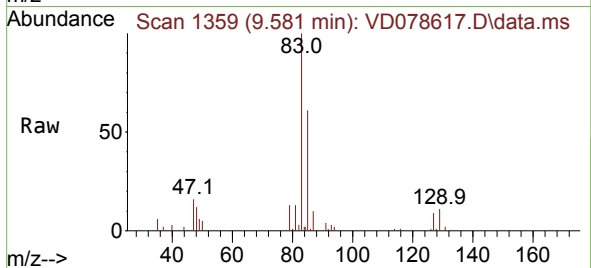
Tgt Ion: 83 Resp: 41362

Ion Ratio Lower Upper

83 100

85 60.7 50.2 75.4

127 8.8 6.3 9.5



#48

Methyl methacrylate

Concen: 21.770 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

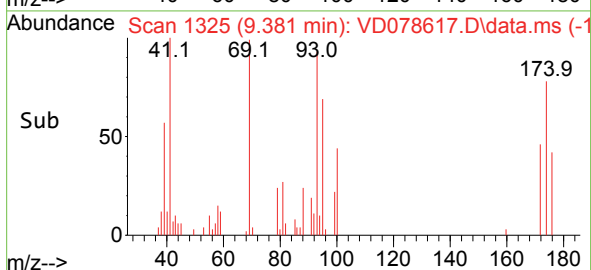
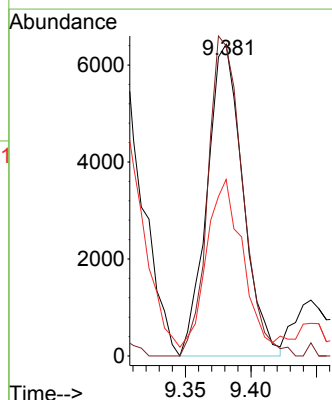
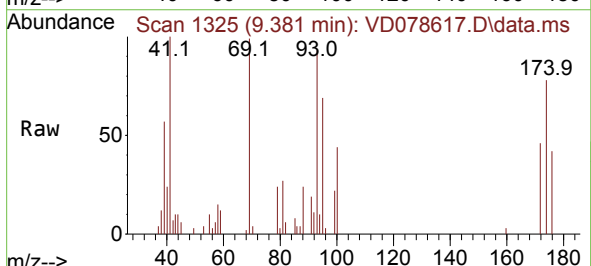
Tgt Ion: 41 Resp: 12217

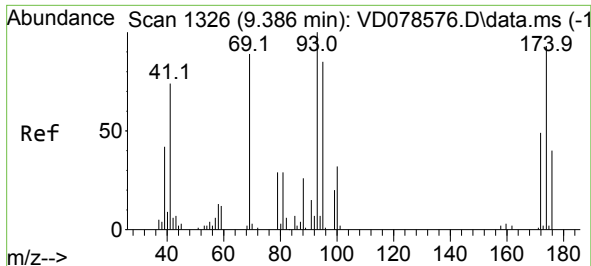
Ion Ratio Lower Upper

41 100

69 99.0 102.2 153.2#

39 52.2 41.4 62.2





#49

1,4-Dioxane

Concen: 458.386 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01

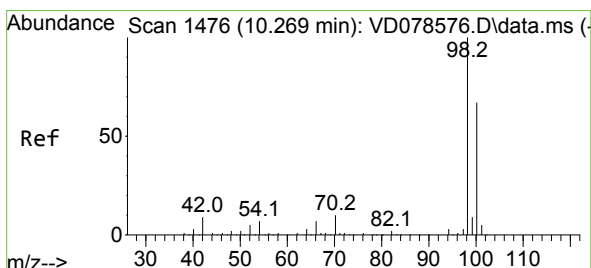
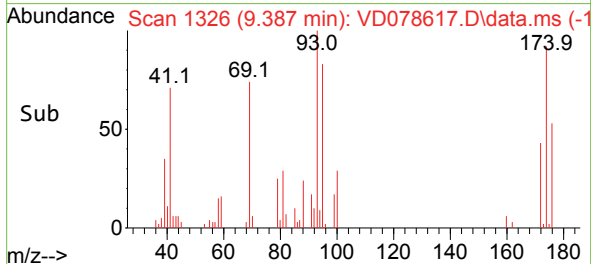
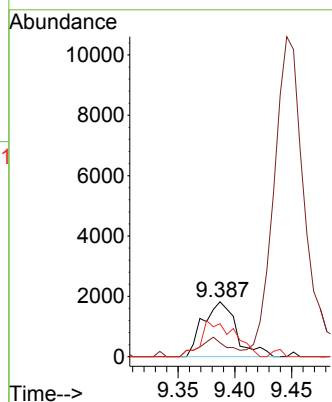
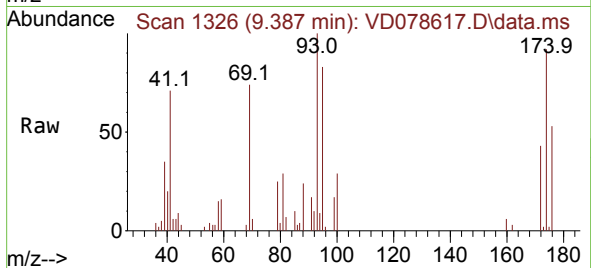
Tgt Ion: 88 Resp: 3715

Ion Ratio Lower Upper

88 100

43 30.0 19.0 28.6#

58 65.5 43.5 65.3#



#50

Toluene-d8

Concen: 52.999 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078617.D

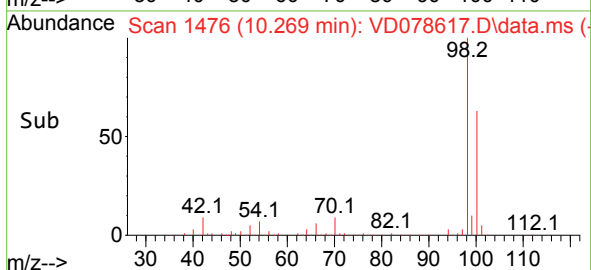
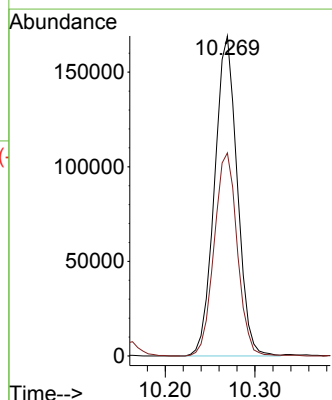
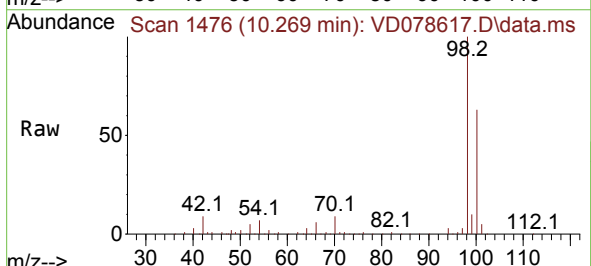
Acq: 08 Mar 2024 12:52

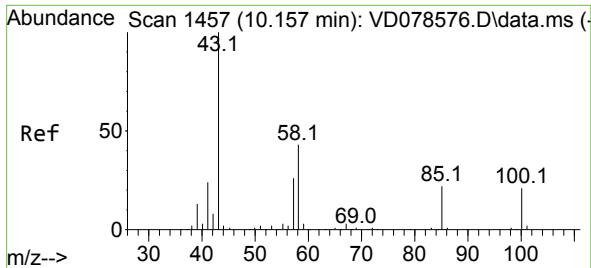
Tgt Ion: 98 Resp: 296812

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

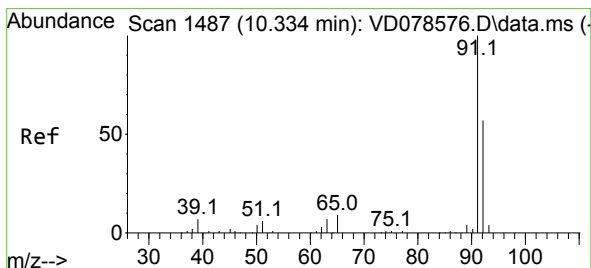
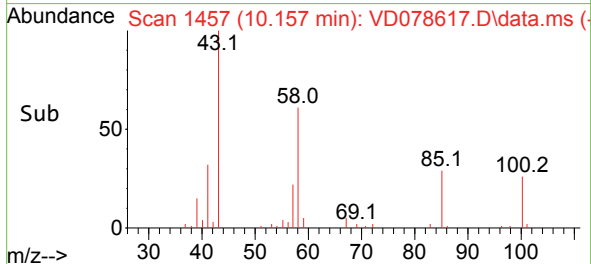
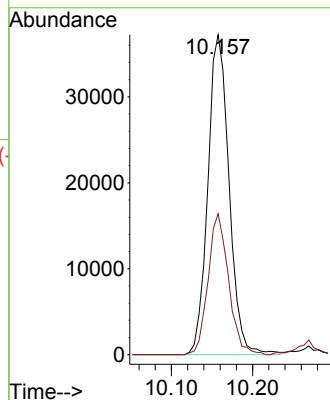
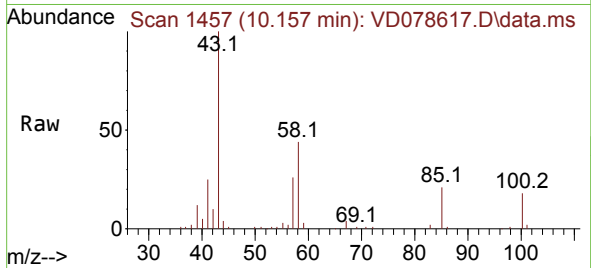




#51
4-Methyl-2-Pentanone
Concen: 105.687 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

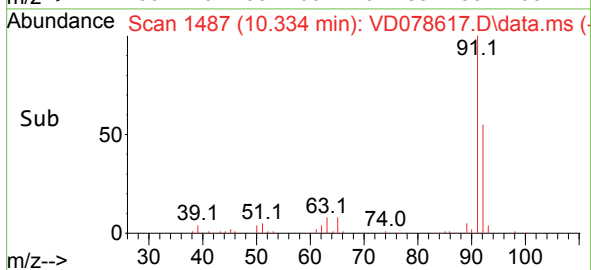
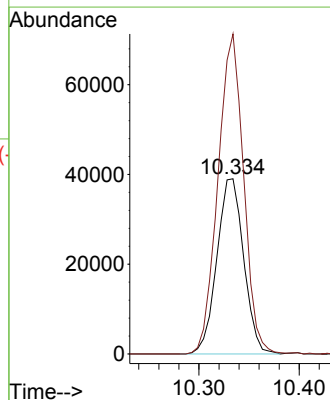
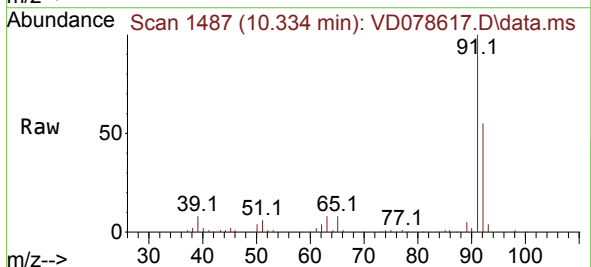
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

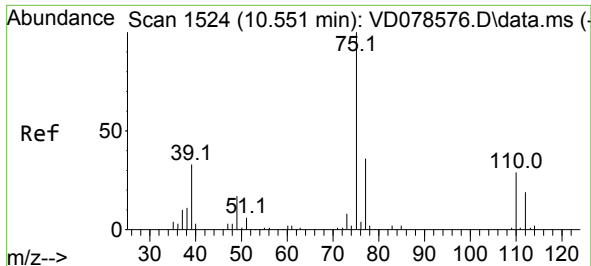
Tgt Ion: 43 Resp: 67581
Ion Ratio Lower Upper
43 100
58 42.5 38.9 58.3



#52
Toluene
Concen: 19.105 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 92 Resp: 72465
Ion Ratio Lower Upper
92 100
91 175.2 143.0 214.4

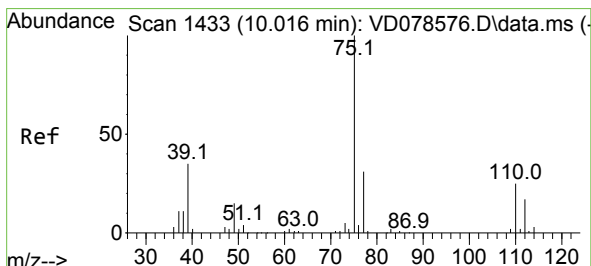
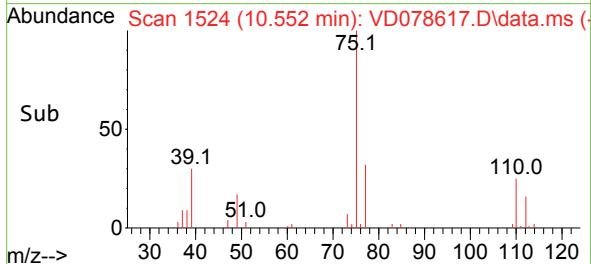
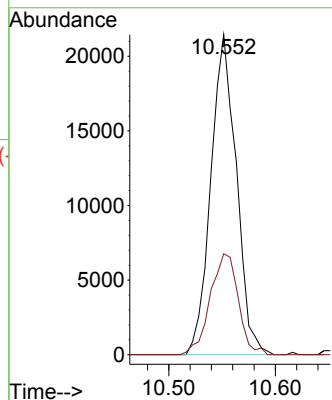
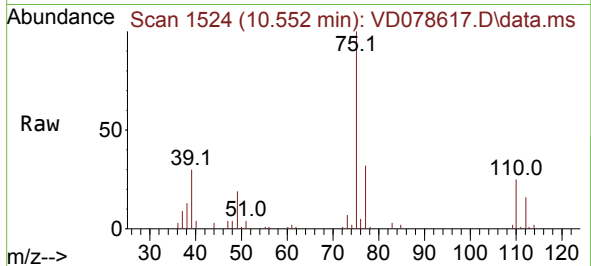




#53
 t-1,3-Dichloropropene
 Concen: 19.100 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD078617.D
 Acq: 08 Mar 2024 12:52

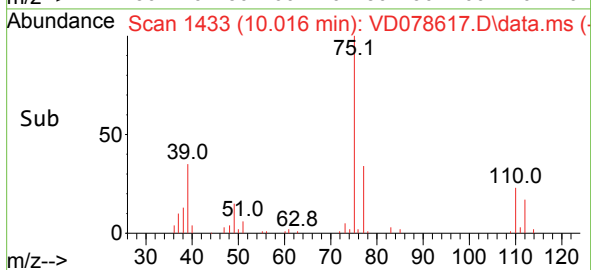
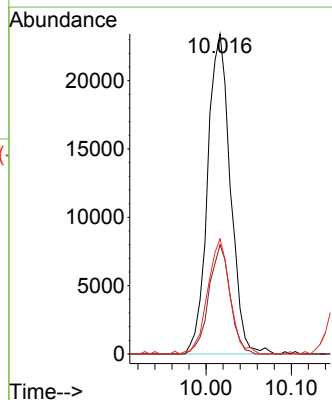
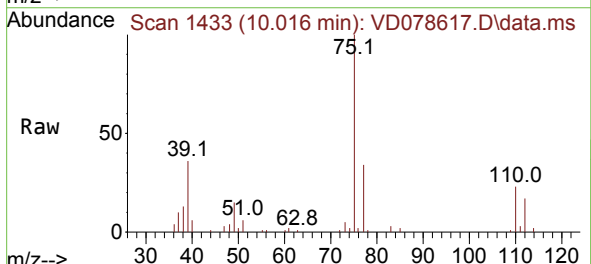
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBS01

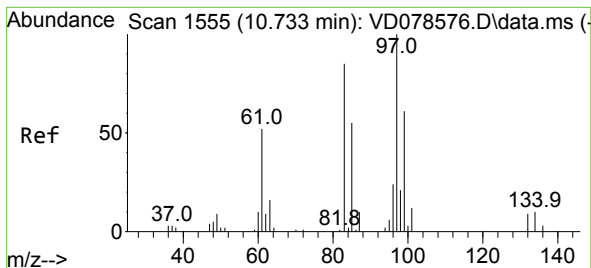
Tgt Ion: 75 Resp: 35665
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.447 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078617.D
 Acq: 08 Mar 2024 12:52

Tgt Ion: 75 Resp: 43478
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.5 38.3
 39 36.0 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 19.743 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01

Tgt Ion: 97 Resp: 22757

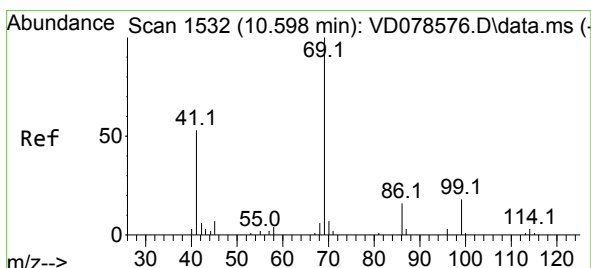
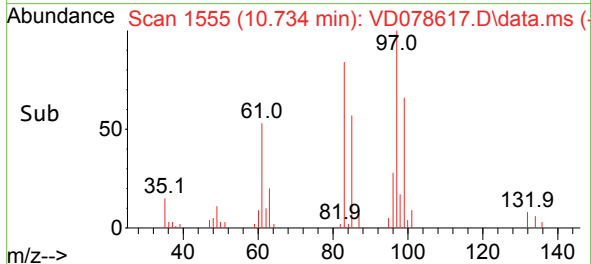
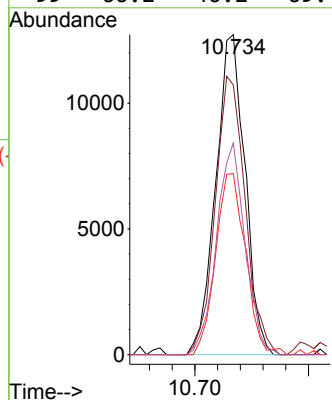
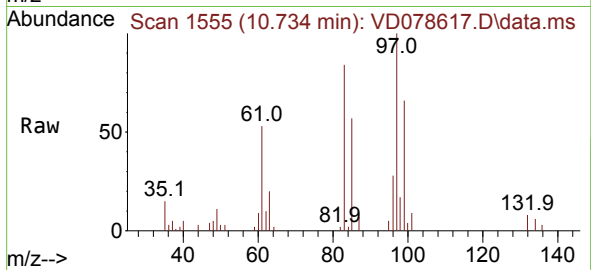
Ion Ratio Lower Upper

97 100

83 84.3 65.8 98.6

85 56.6 45.7 68.5

99 66.2 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.498 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

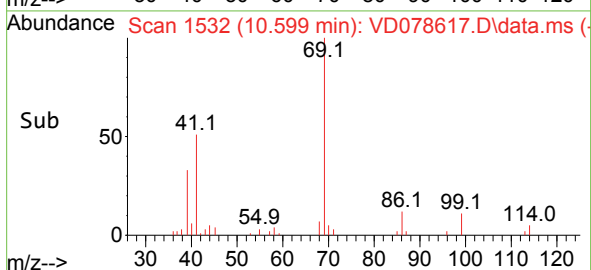
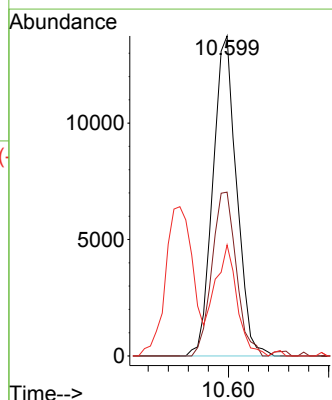
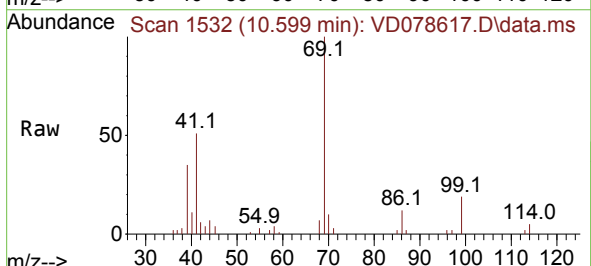
Tgt Ion: 69 Resp: 22527

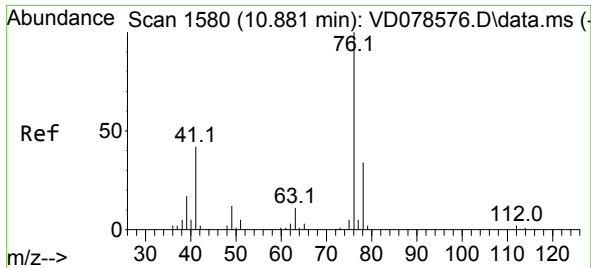
Ion Ratio Lower Upper

69 100

41 52.8 39.1 58.7

39 33.0 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 20.490 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.005 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

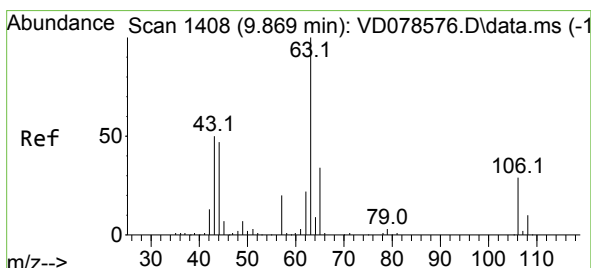
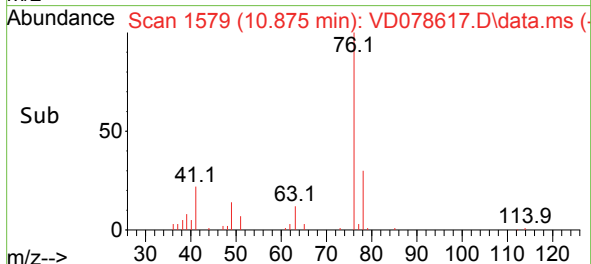
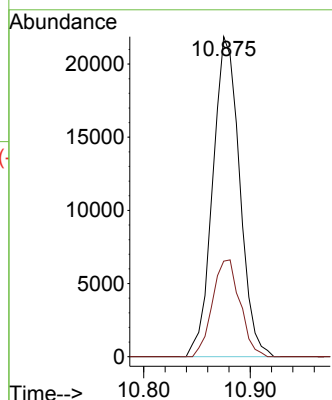
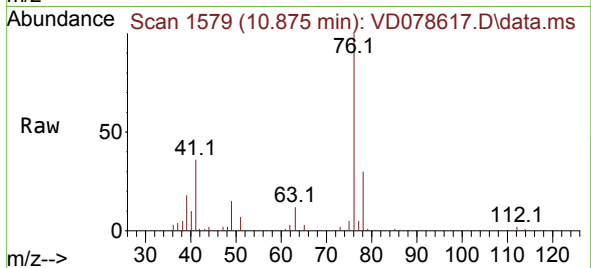
VD0308SBS01

Tgt Ion: 76 Resp: 38274

Ion Ratio Lower Upper

76 100

78 31.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 111.271 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078617.D

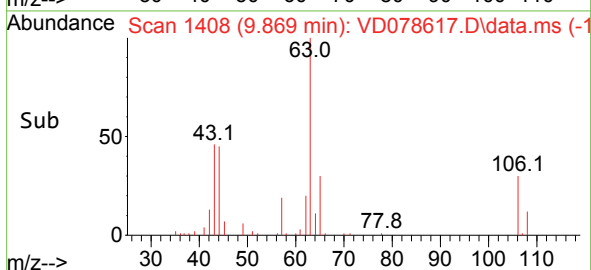
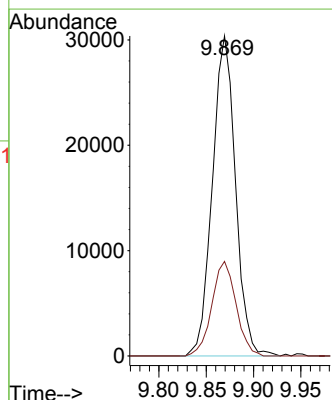
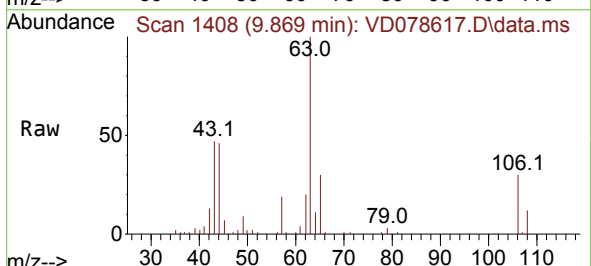
Acq: 08 Mar 2024 12:52

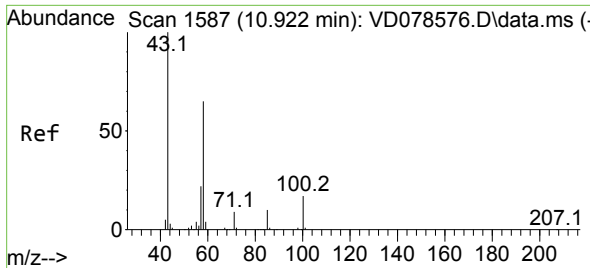
Tgt Ion: 63 Resp: 51520

Ion Ratio Lower Upper

63 100

106 30.9 25.3 37.9

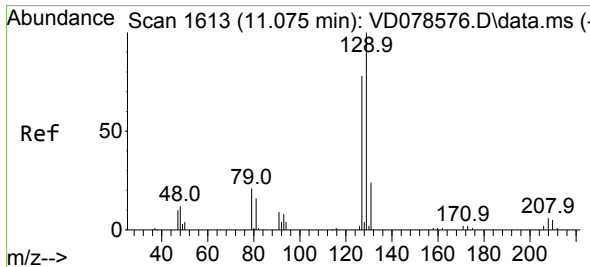
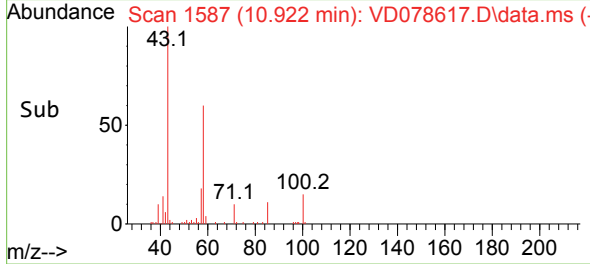
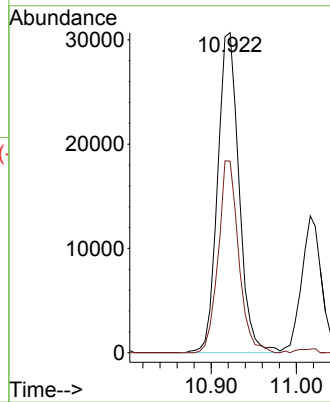
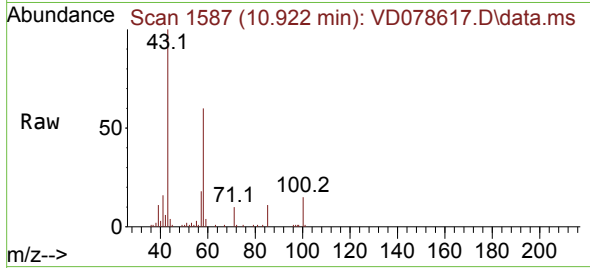




#59
2-Hexanone
Concen: 112.522 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

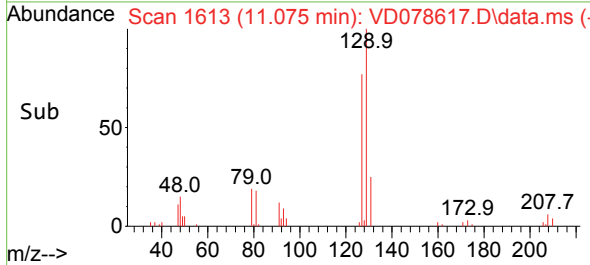
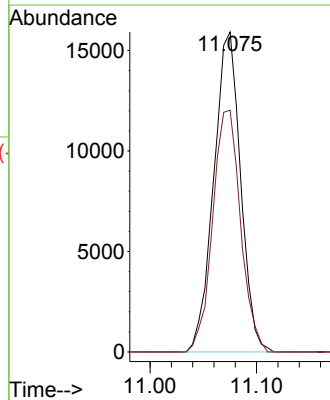
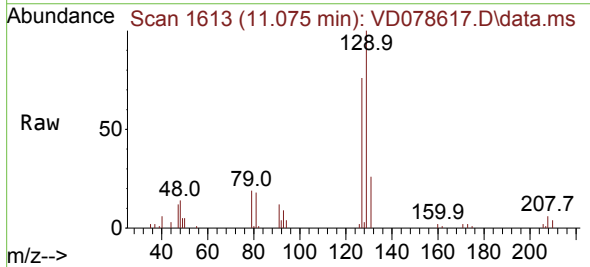
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

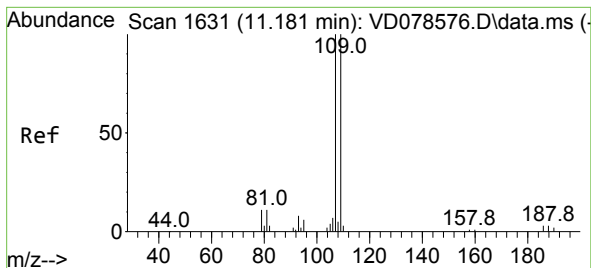
Tgt Ion: 43 Resp: 53368
Ion Ratio Lower Upper
43 100
58 57.4 34.1 102.2



#60
Dibromochloromethane
Concen: 19.994 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 129 Resp: 27828
Ion Ratio Lower Upper
129 100
127 78.5 37.1 111.5





#61

1,2-Dibromoethane

Concen: 19.639 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

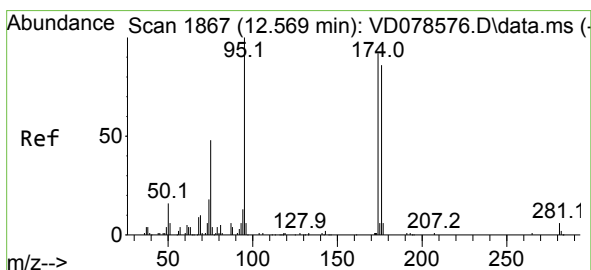
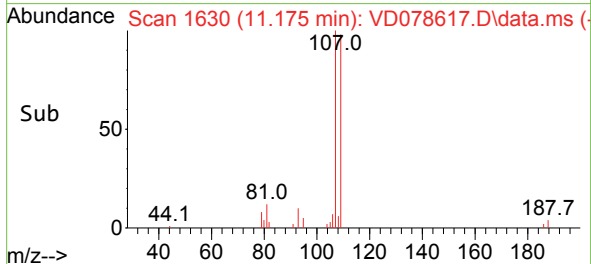
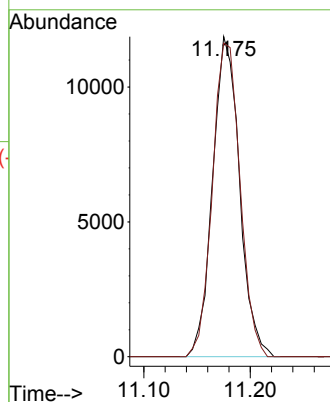
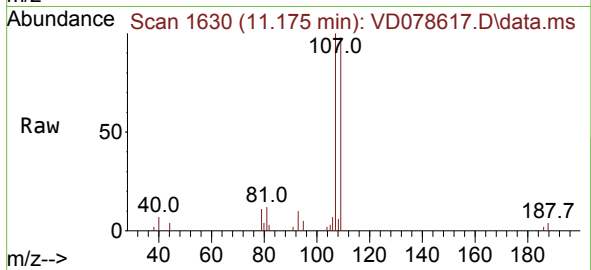
VD0308SBS01

Tgt Ion:107 Resp: 20776

Ion Ratio Lower Upper

107 100

109 100.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 52.704 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

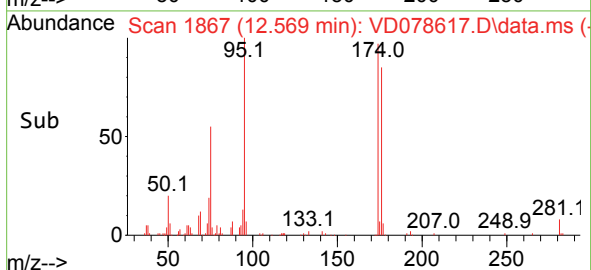
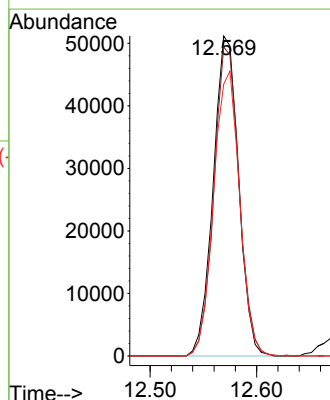
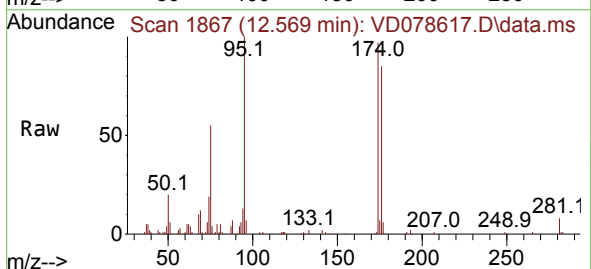
Tgt Ion: 95 Resp: 84302

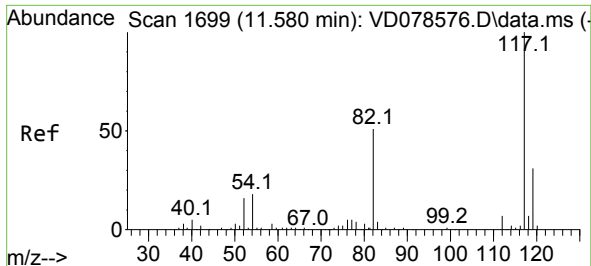
Ion Ratio Lower Upper

95 100

174 96.5 0.0 201.8

176 91.6 0.0 191.8

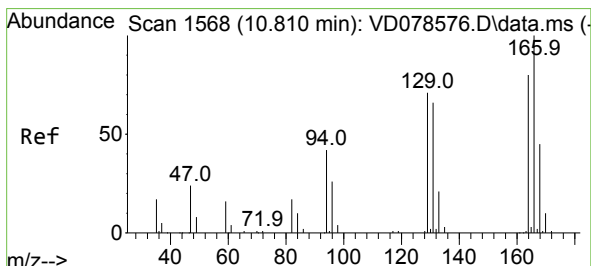
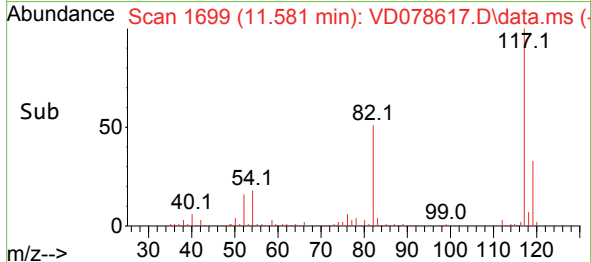
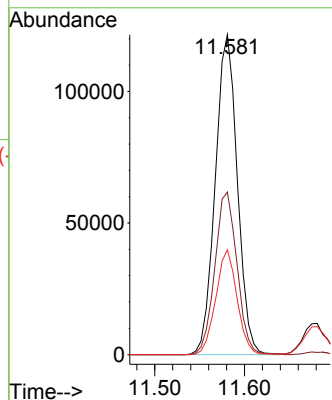
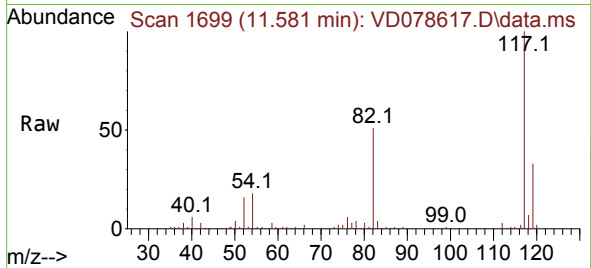




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

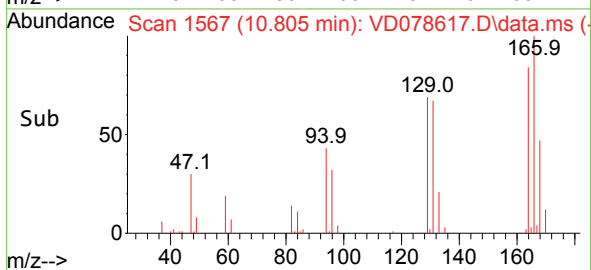
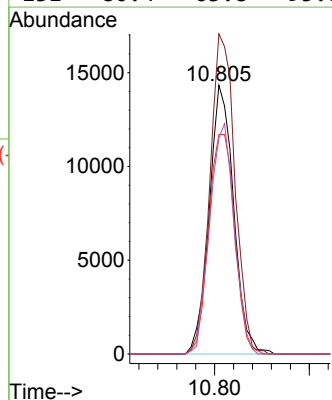
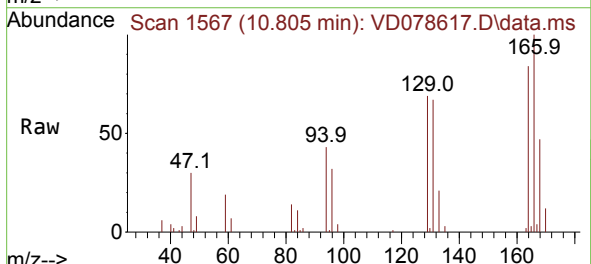
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

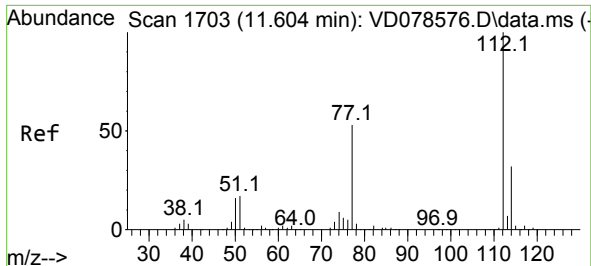
Tgt Ion:117 Resp: 207704
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 32.8 25.0 37.4



#64
Tetrachloroethene
Concen: 19.641 ug/l
RT: 10.805 min Scan# 1567
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion:164 Resp: 25668
Ion Ratio Lower Upper
164 100
166 119.1 99.2 148.8
129 81.7 68.4 102.6
131 80.4 63.8 95.8

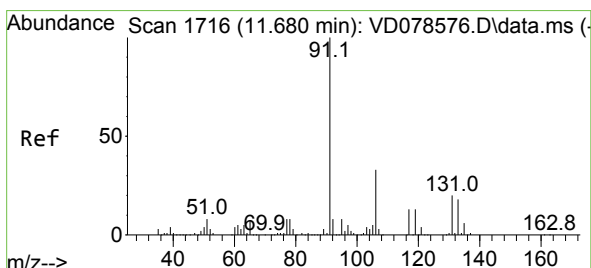
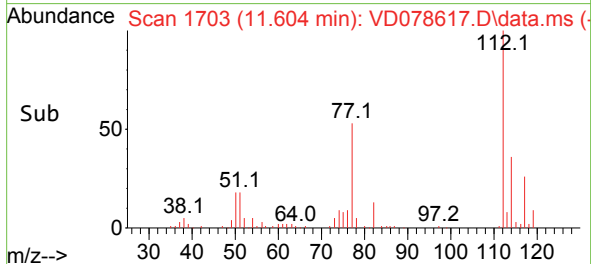
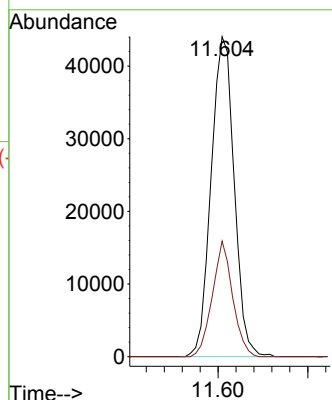
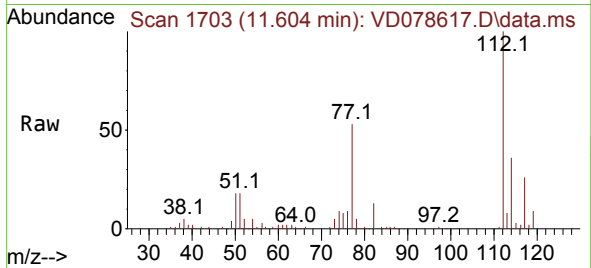




#65
Chlorobenzene
Concen: 19.151 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

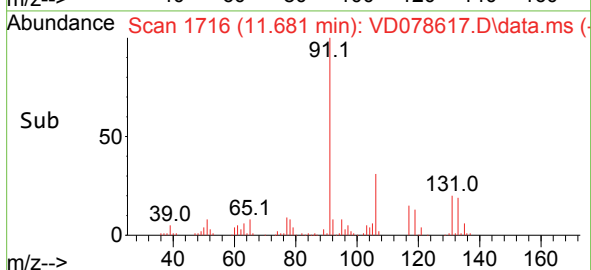
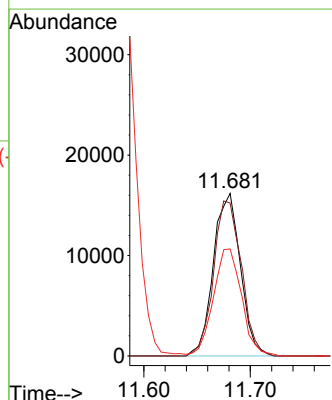
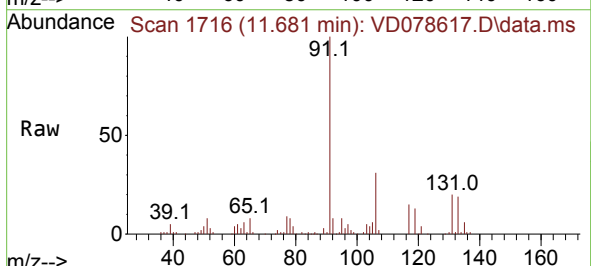
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

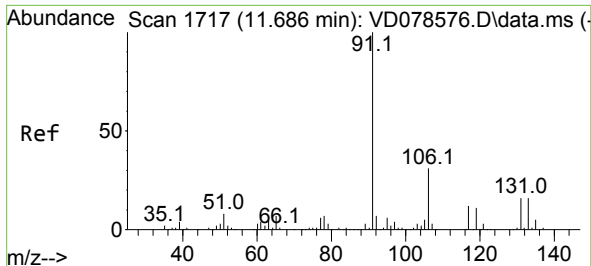
Tgt Ion:112 Resp: 78330
Ion Ratio Lower Upper
112 100
114 36.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.734 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion:131 Resp: 28527
Ion Ratio Lower Upper
131 100
133 98.2 48.5 145.5
119 68.6 35.6 106.9

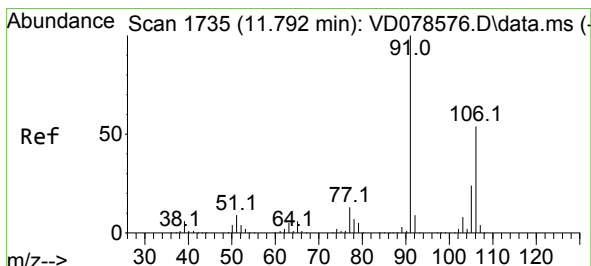
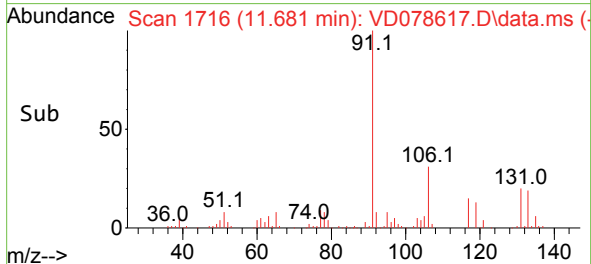
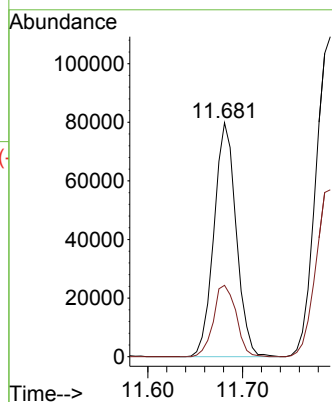
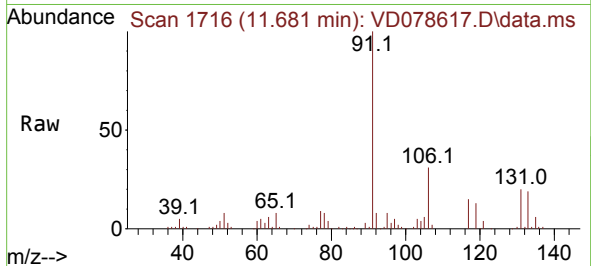




#67
Ethyl Benzene
Concen: 18.359 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

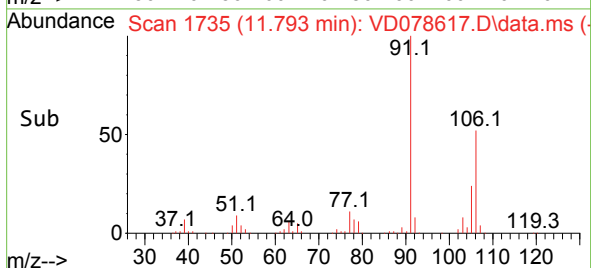
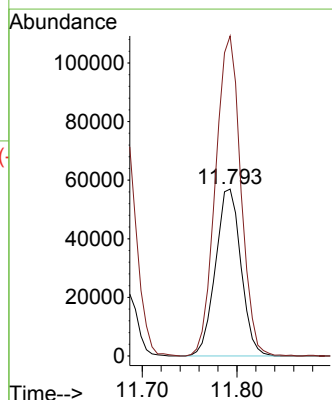
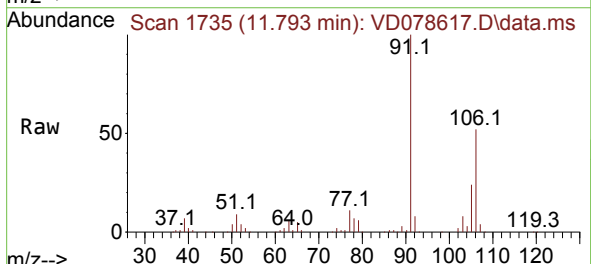
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

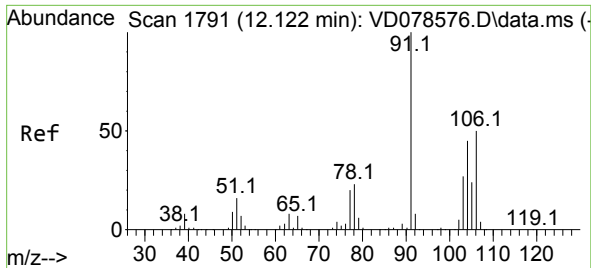
Tgt Ion: 91 Resp: 130115
Ion Ratio Lower Upper
91 100
106 30.5 26.5 39.7



#68
m/p-Xylenes
Concen: 37.095 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion:106 Resp: 106357
Ion Ratio Lower Upper
106 100
91 190.9 147.0 220.6

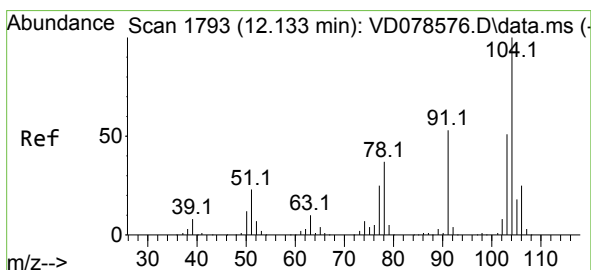
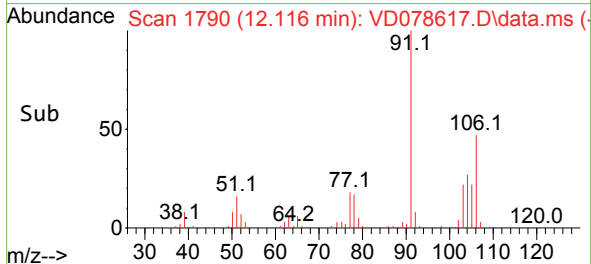
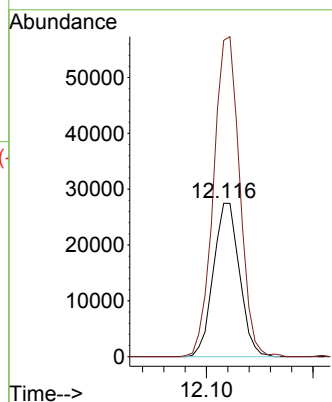
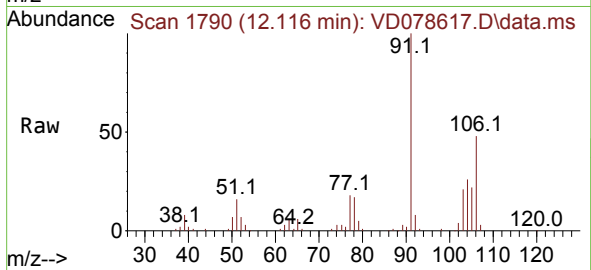




#69
o-Xylene
Concen: 17.973 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

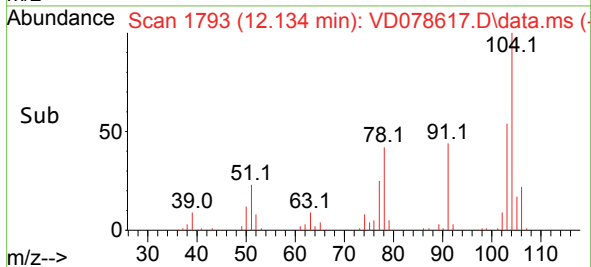
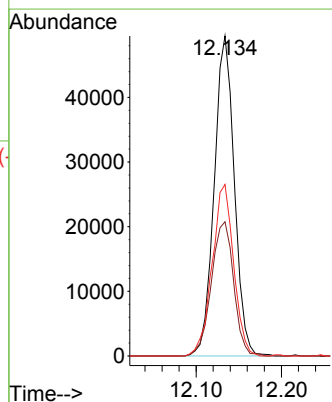
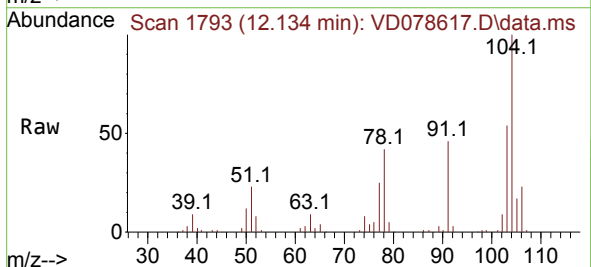
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

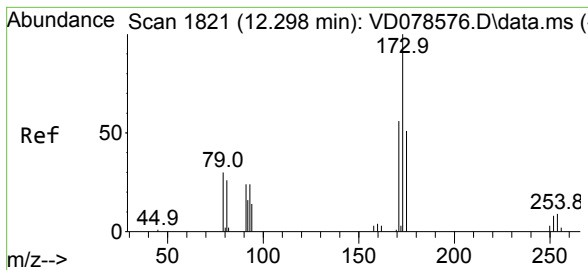
Tgt Ion:106 Resp: 46749
Ion Ratio Lower Upper
106 100
91 208.8 97.9 293.6



#70
Styrene
Concen: 18.020 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion:104 Resp: 81245
Ion Ratio Lower Upper
104 100
78 46.4 33.2 49.8
103 57.2 43.6 65.4

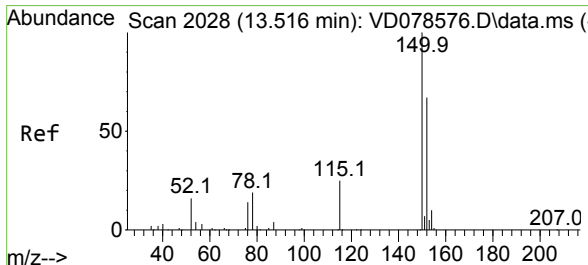
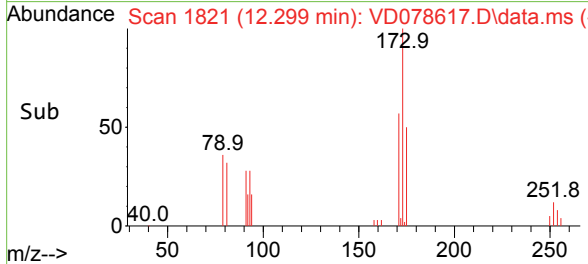
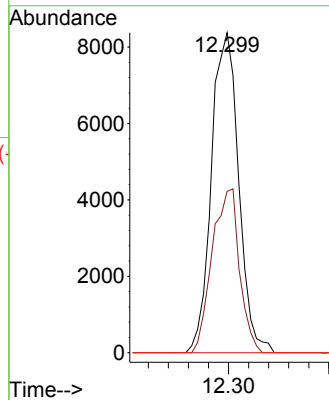
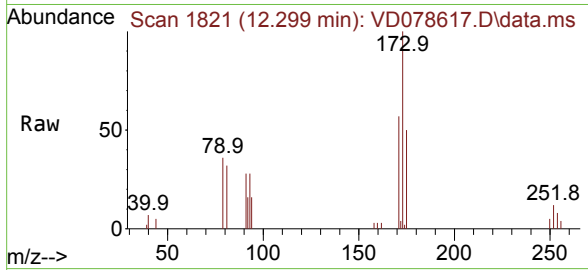




#71
Bromoform
Concen: 19.469 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

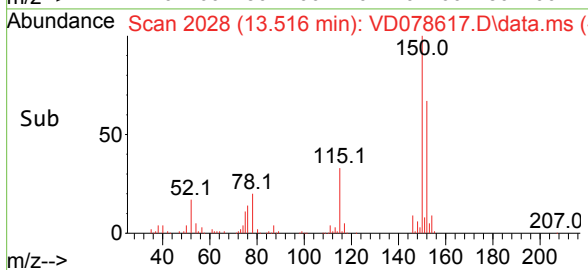
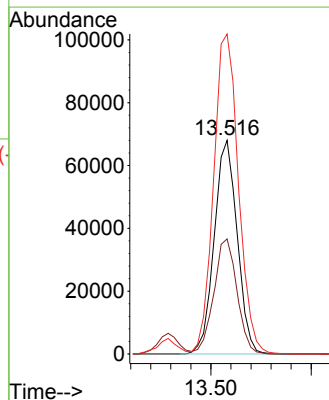
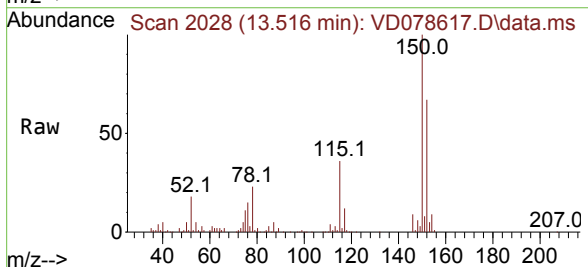
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

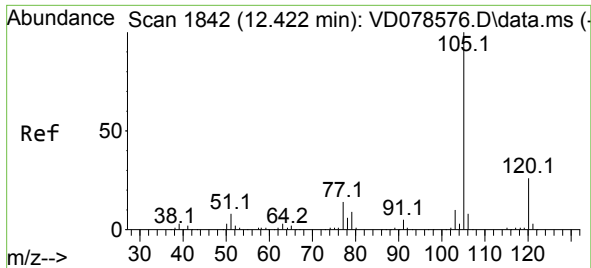
Tgt Ion:173	Resp:	15771
Ion Ratio	Lower	Upper
173	100	
175	51.3	24.6 73.8
254	0.0	0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion:152	Resp:	108108
Ion Ratio	Lower	Upper
152	100	
115	54.3	27.1 81.3
150	161.8	0.0 353.6

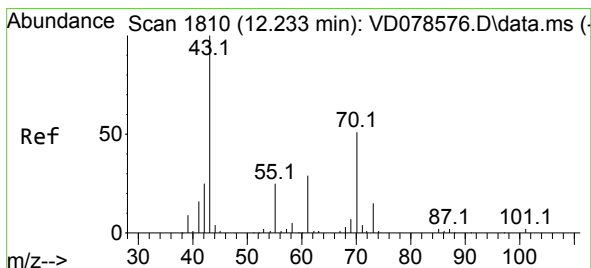
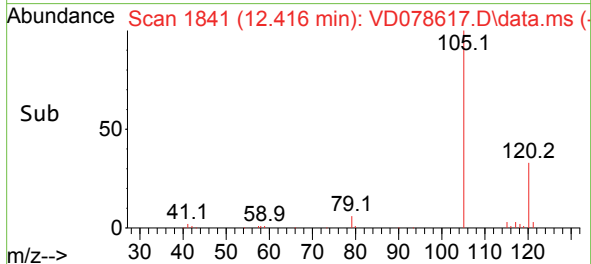
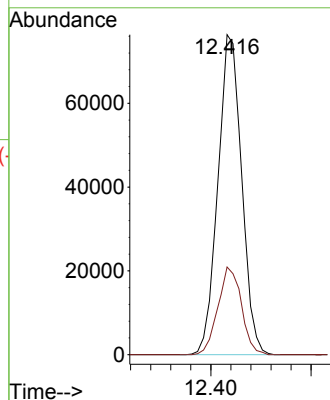
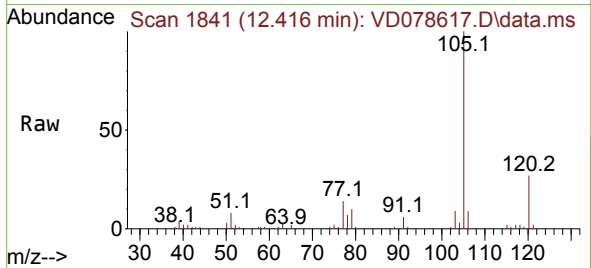




#73
Isopropylbenzene
Concen: 18.287 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

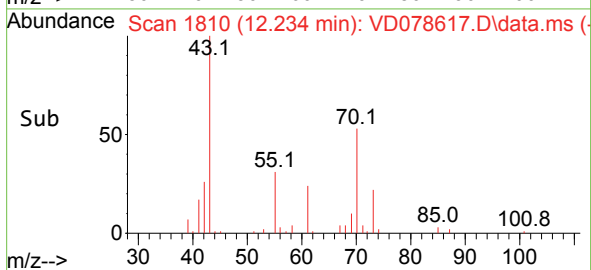
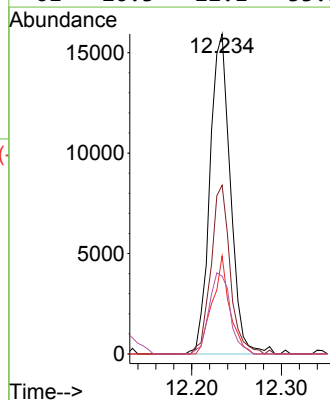
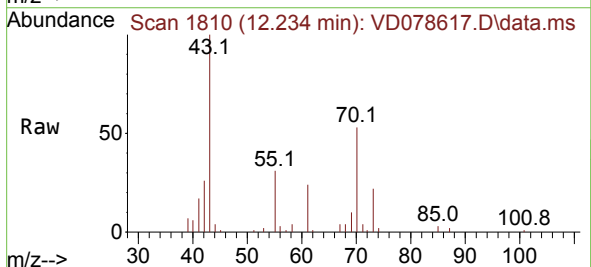
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

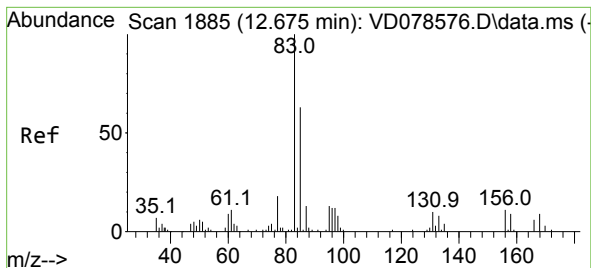
Tgt Ion:105 Resp: 125318
Ion Ratio Lower Upper
105 100
120 27.1 14.3 42.9



#74
N-ethyl acetate
Concen: 21.883 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 43 Resp: 25241
Ion Ratio Lower Upper
43 100
70 49.8 45.0 67.4
55 25.8 23.8 35.6
61 26.3 22.1 33.1

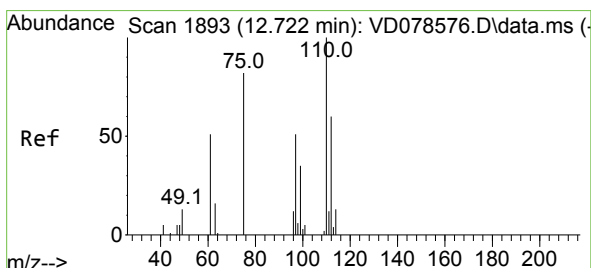
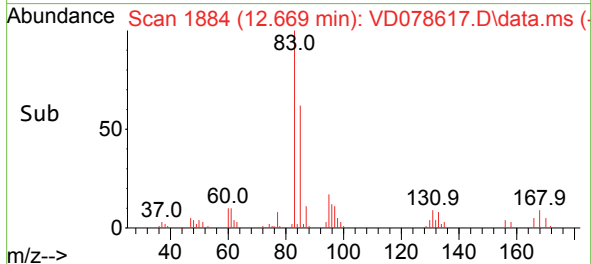
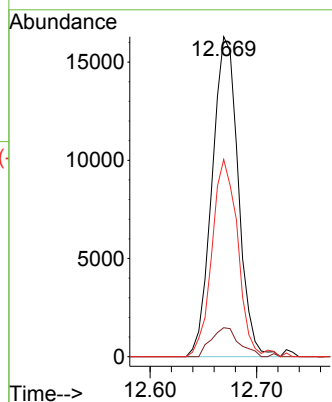
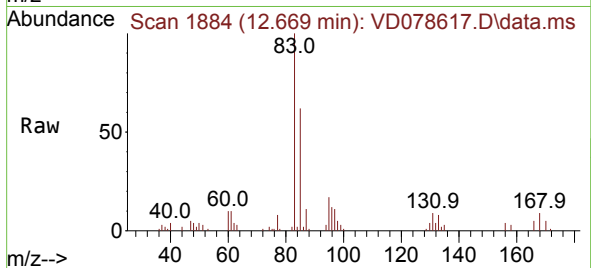




#75
1,1,2,2-Tetrachloroethane
Concen: 21.157 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

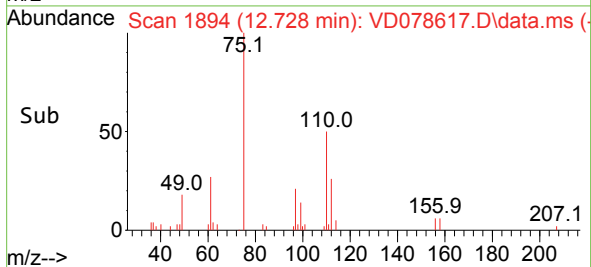
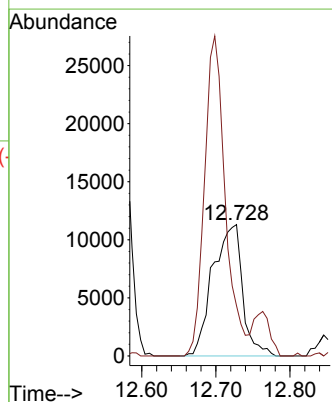
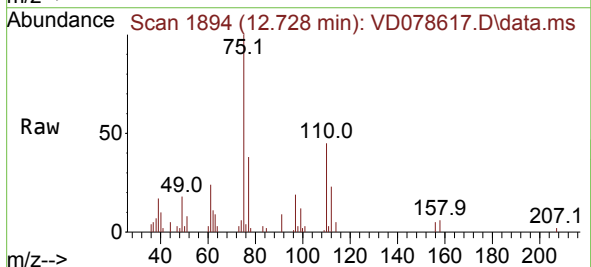
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

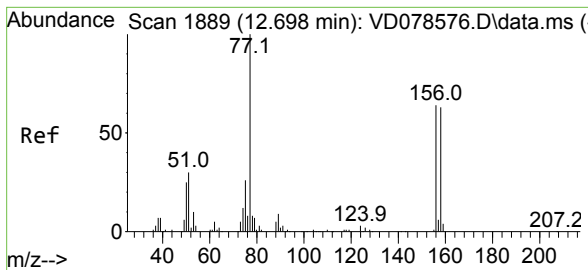
Tgt Ion: 83 Resp: 27776
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 61.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 38.244 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 75 Resp: 31577
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

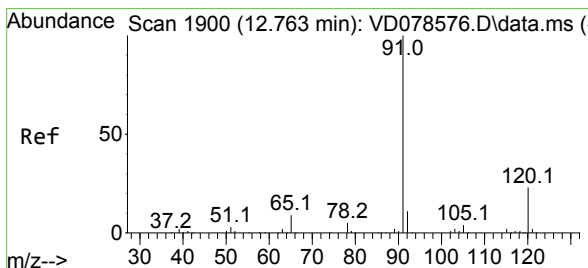
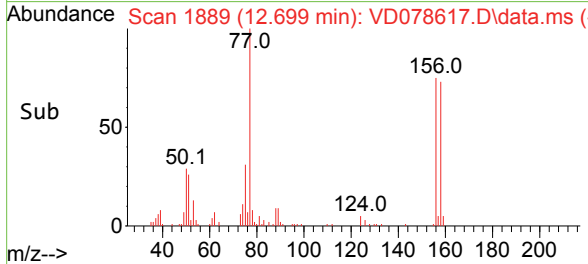
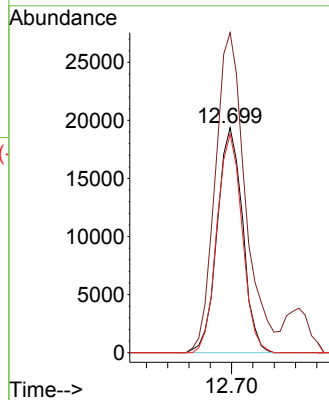
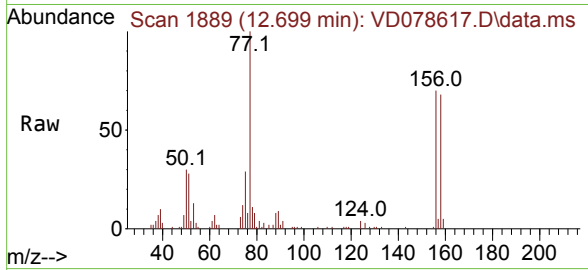




#77
Bromobenzene
Concen: 19.286 ug/l
RT: 12.699 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

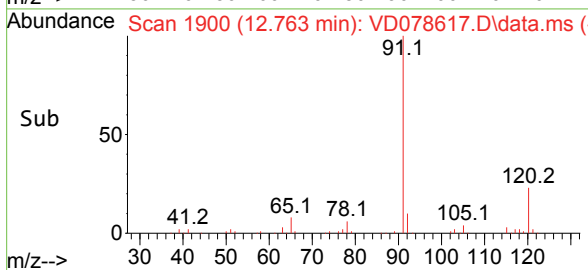
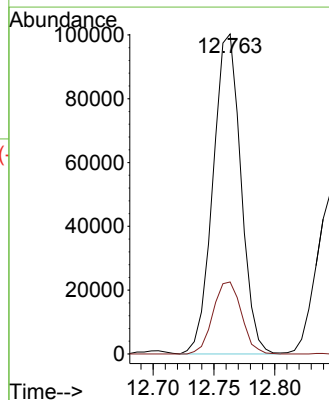
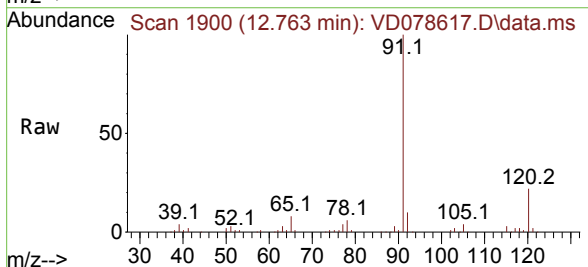
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

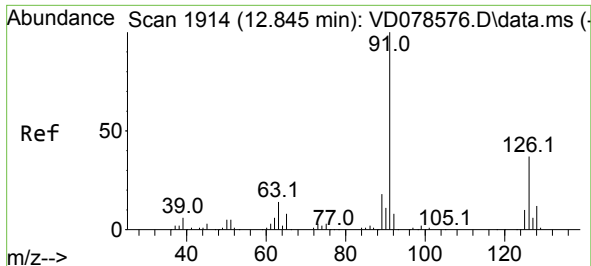
Tgt Ion:156 Resp: 31963
Ion Ratio Lower Upper
156 100
77 167.8 76.8 230.4
158 96.6 48.6 145.9



#78
n-propylbenzene
Concen: 19.081 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 91 Resp: 159950
Ion Ratio Lower Upper
91 100
120 22.9 12.4 37.2

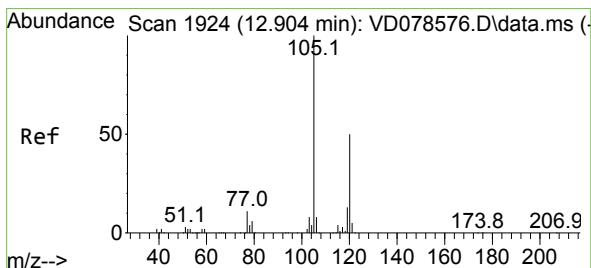
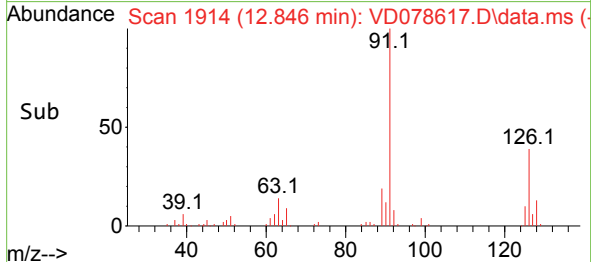
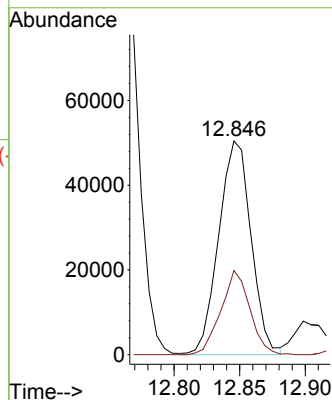
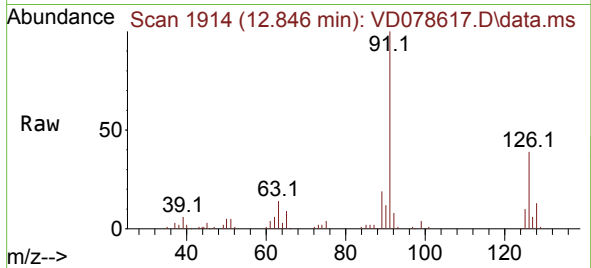




#79
2-Chlorotoluene
Concen: 19.282 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

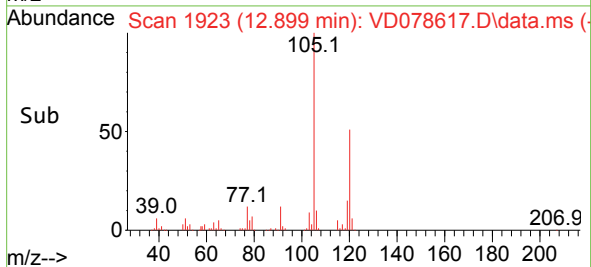
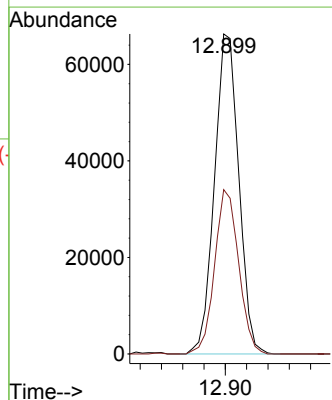
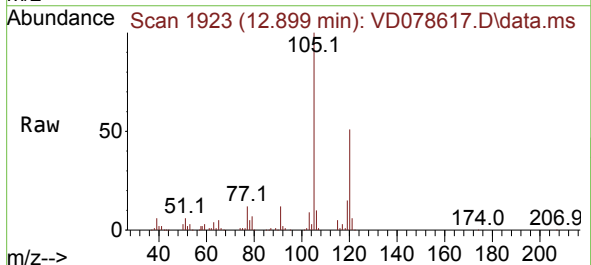
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

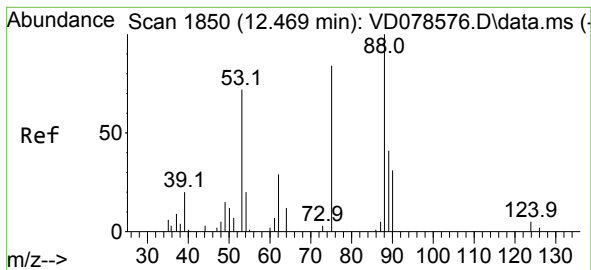
Tgt Ion: 91 Resp: 86733
Ion Ratio Lower Upper
91 100
126 35.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 18.806 ug/l
RT: 12.899 min Scan# 1923
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 105 Resp: 104869
Ion Ratio Lower Upper
105 100
120 50.8 26.4 79.2

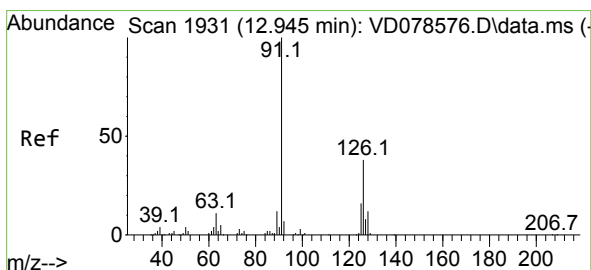
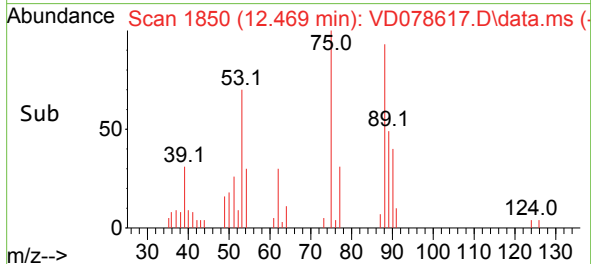
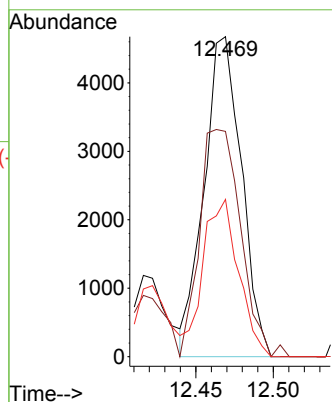
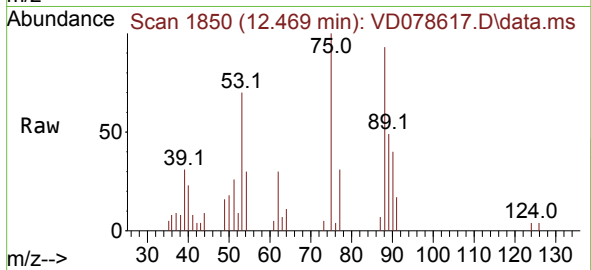




#81
trans-1,4-Dichloro-2-butene
Concen: 20.314 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

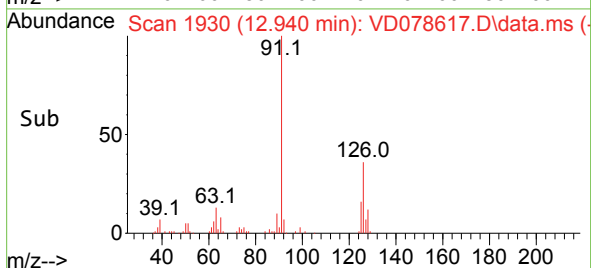
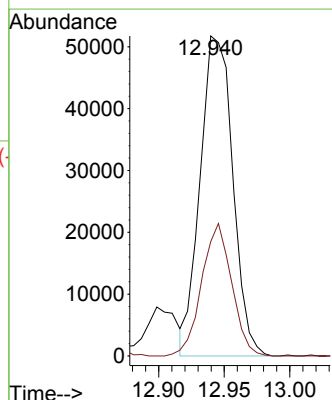
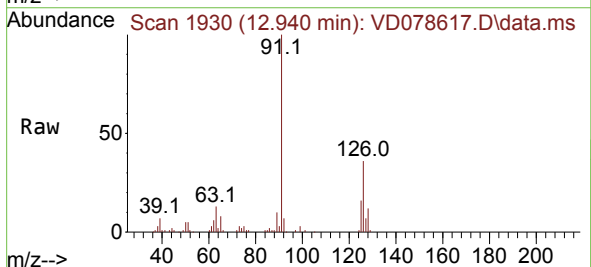
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

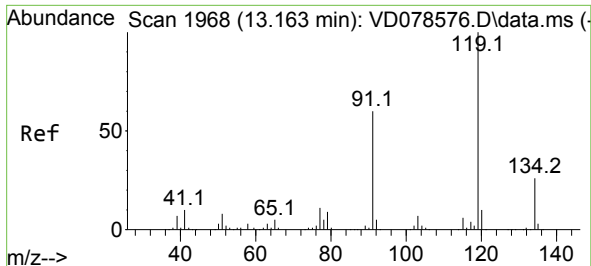
Tgt Ion: 75 Resp: 7836
Ion Ratio Lower Upper
75 100
53 78.2 63.0 94.4
89 46.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 18.679 ug/l
RT: 12.940 min Scan# 1930
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 91 Resp: 89545
Ion Ratio Lower Upper
91 100
126 38.1 19.4 58.4

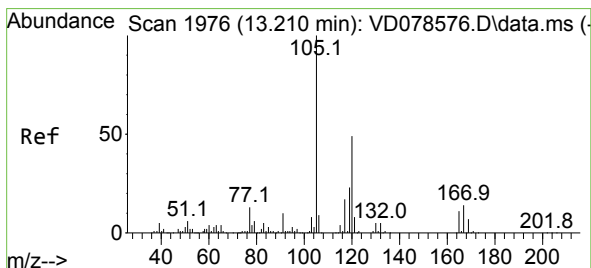
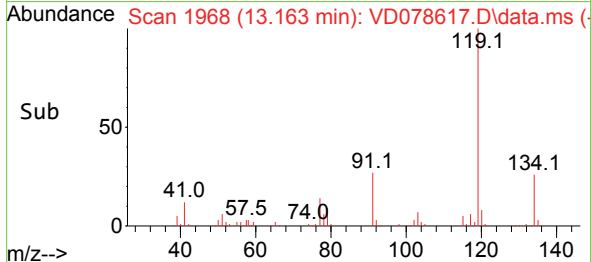
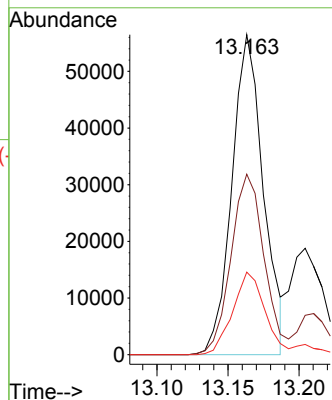
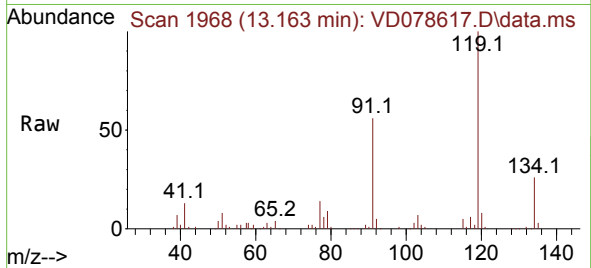




#83
tert-Butylbenzene
Concen: 18.132 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

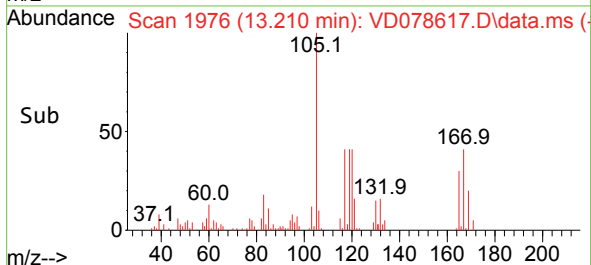
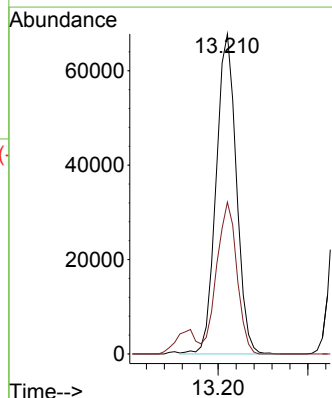
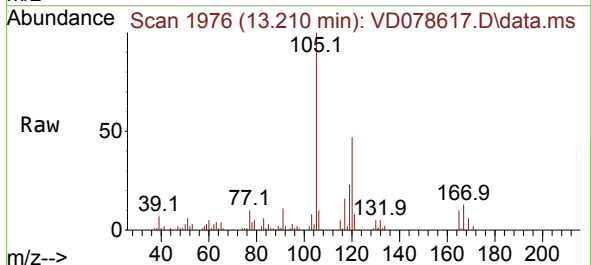
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

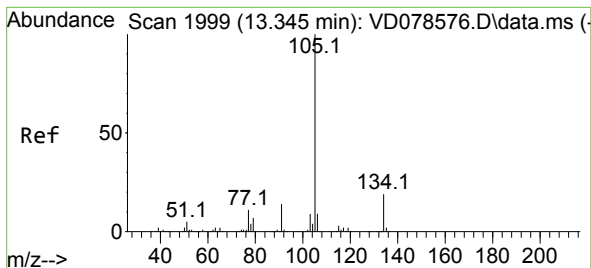
Tgt Ion:119 Resp: 87063
Ion Ratio Lower Upper
119 100
91 59.8 29.3 87.8
134 26.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 18.591 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion:105 Resp: 105964
Ion Ratio Lower Upper
105 100
120 47.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 18.636 ug/l

RT: 13.340 min Scan# 1999

Delta R.T. -0.005 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

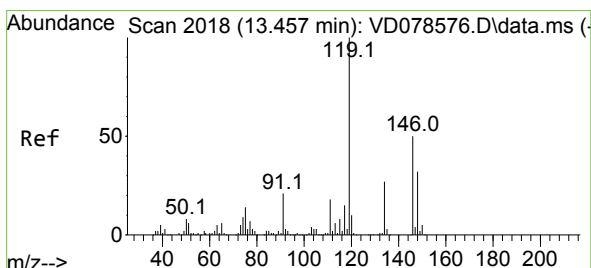
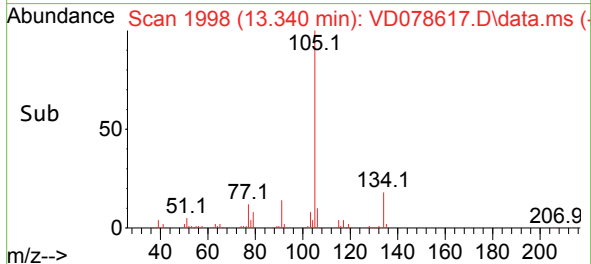
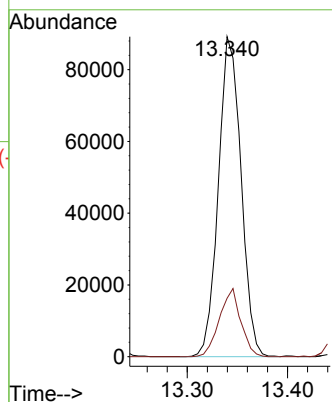
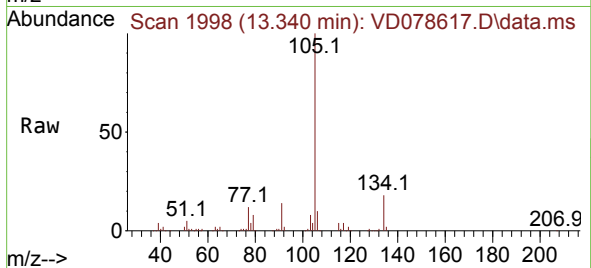
VD0308SBS01

Tgt Ion:105 Resp: 139595

Ion Ratio Lower Upper

105 100

134 20.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 18.350 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

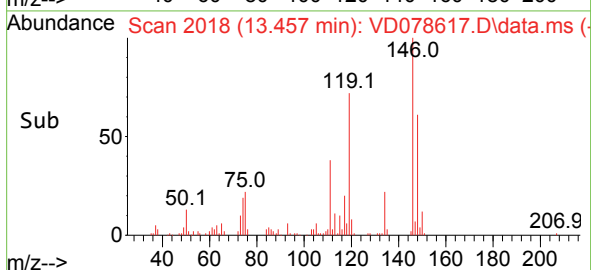
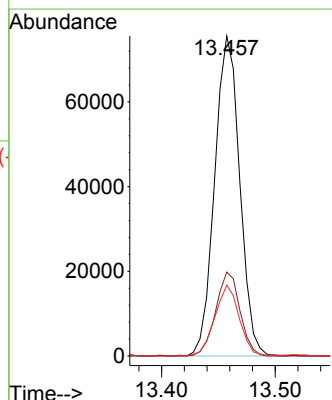
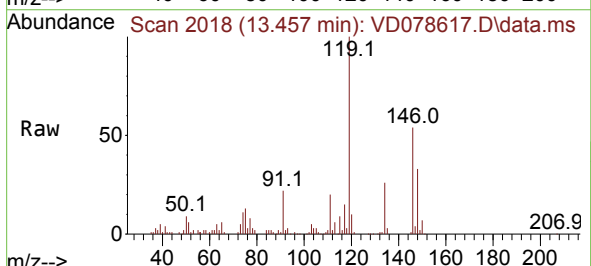
Tgt Ion:119 Resp: 115713

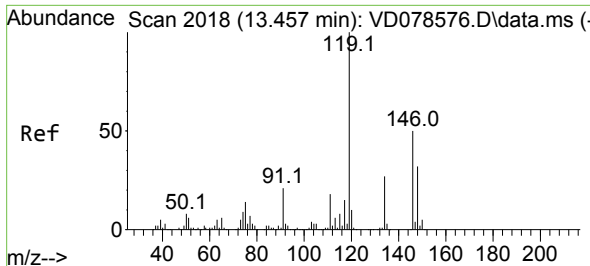
Ion Ratio Lower Upper

119 100

134 25.5 14.2 42.6

91 21.7 10.5 31.5

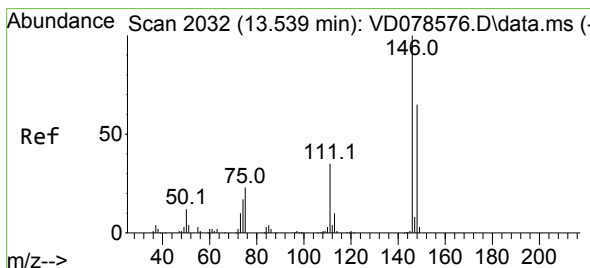
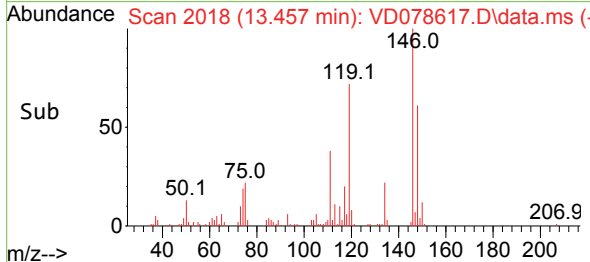
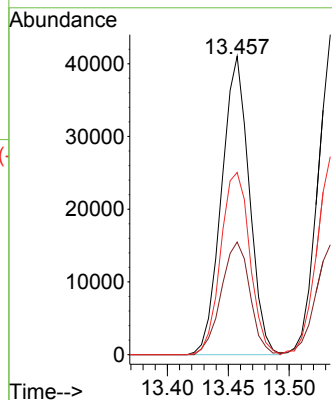
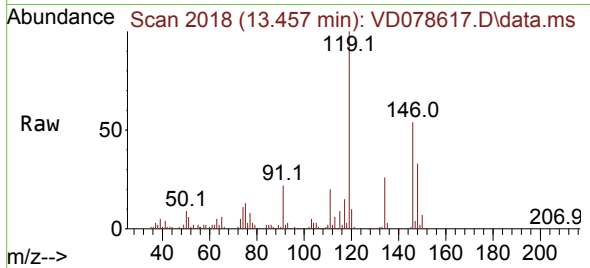




#87
1,3-Dichlorobenzene
Concen: 18.344 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

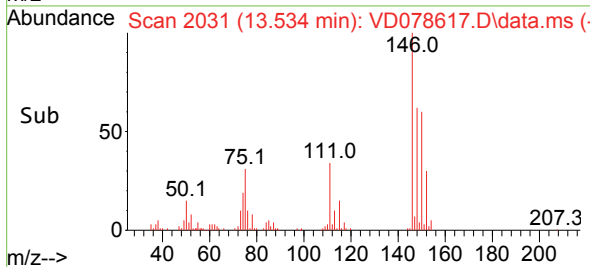
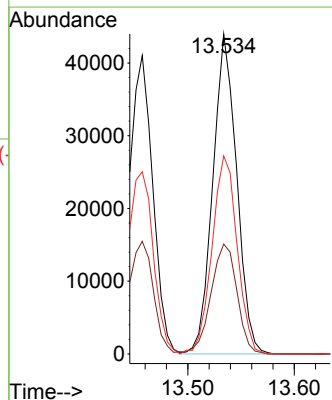
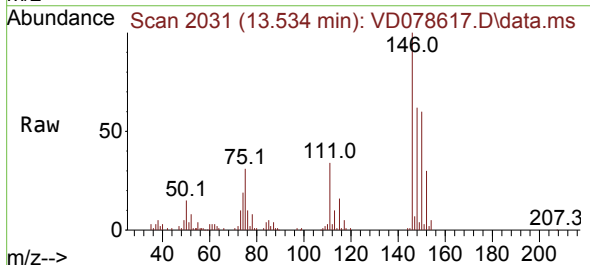
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

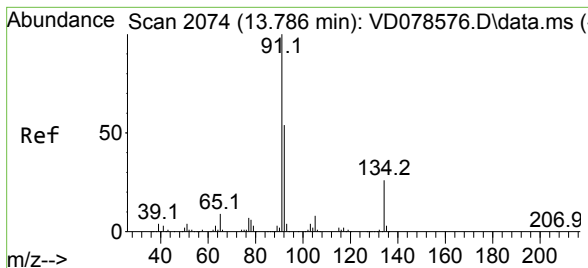
Tgt Ion:146 Resp: 64960
Ion Ratio Lower Upper
146 100
111 39.3 17.9 53.8
148 64.1 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 19.272 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.005 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion:146 Resp: 68375
Ion Ratio Lower Upper
146 100
111 37.3 17.4 52.3
148 65.2 31.7 95.1





#89

n-Butylbenzene

Concen: 18.238 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01

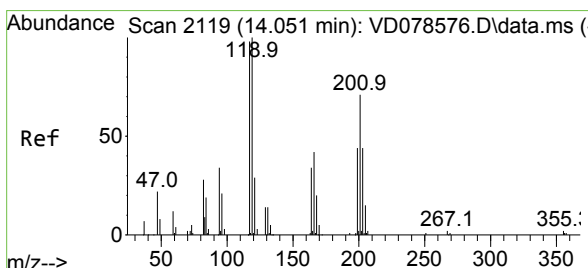
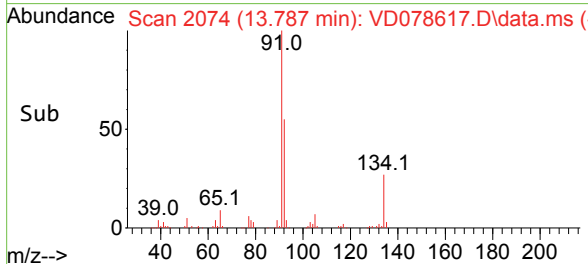
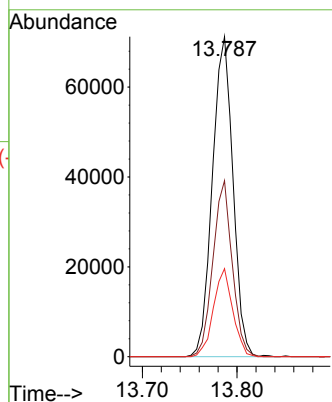
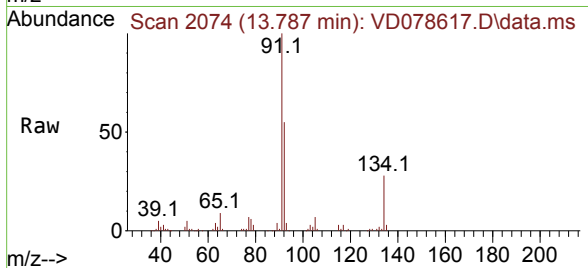
Tgt Ion: 91 Resp: 107477

Ion Ratio Lower Upper

91 100

92 51.8 26.5 79.5

134 25.9 13.8 41.3



#90

Hexachloroethane

Concen: 19.099 ug/l

RT: 14.046 min Scan# 2118

Delta R.T. -0.005 min

Lab File: VD078617.D

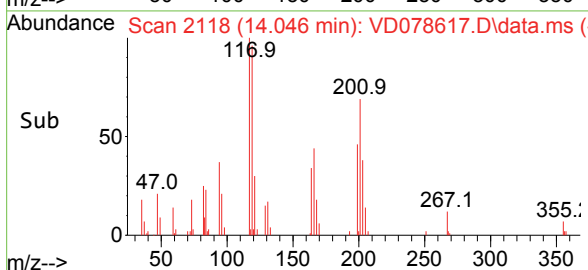
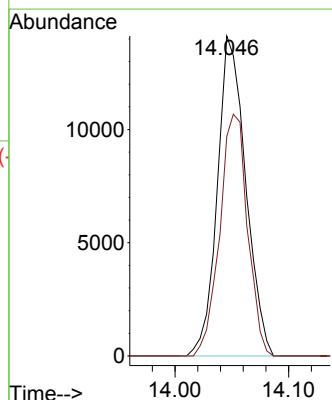
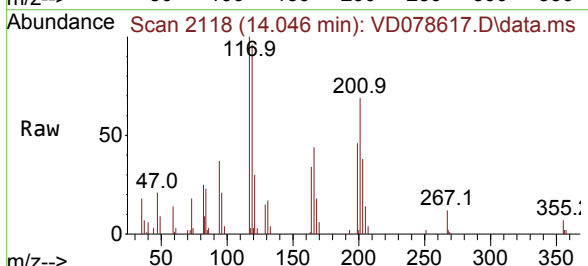
Acq: 08 Mar 2024 12:52

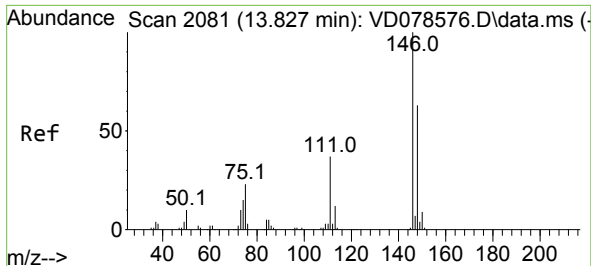
Tgt Ion: 117 Resp: 24489

Ion Ratio Lower Upper

117 100

201 74.0 38.5 115.5

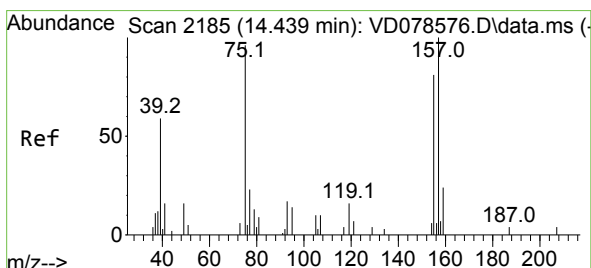
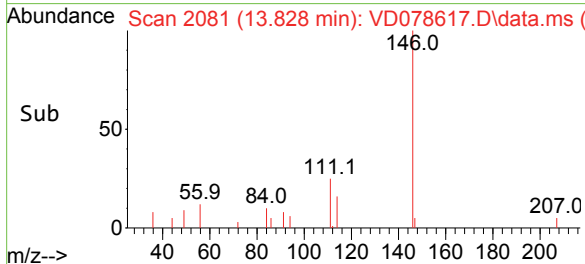
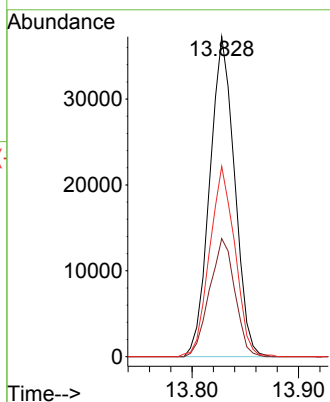
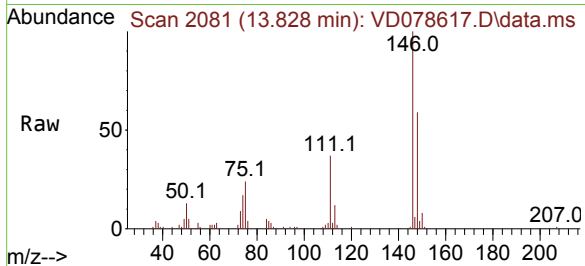




#91
1,2-Dichlorobenzene
Concen: 20.048 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

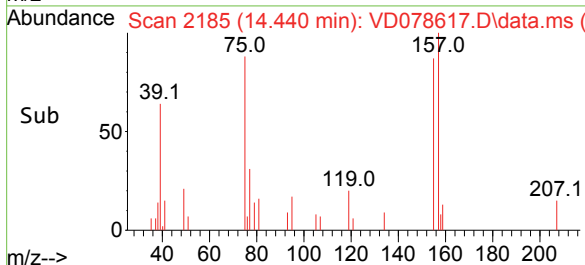
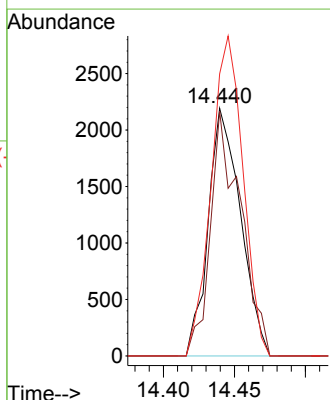
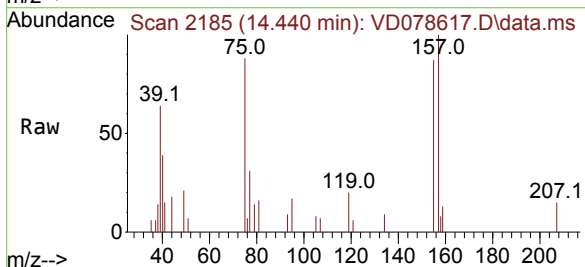
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

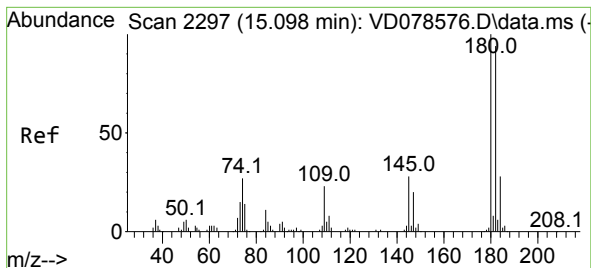
Tgt Ion:146 Resp: 60307
Ion Ratio Lower Upper
146 100
111 37.6 18.3 54.8
148 60.6 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.818 ug/l
RT: 14.440 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VD078617.D
Acq: 08 Mar 2024 12:52

Tgt Ion: 75 Resp: 3468
Ion Ratio Lower Upper
75 100
155 92.6 47.9 143.8
157 127.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.750 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01

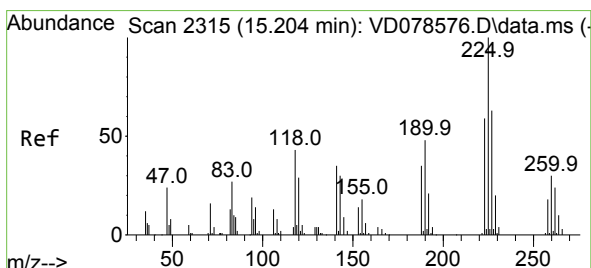
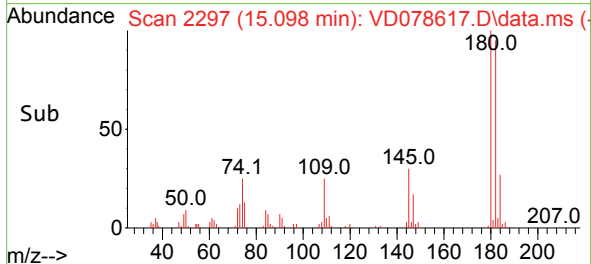
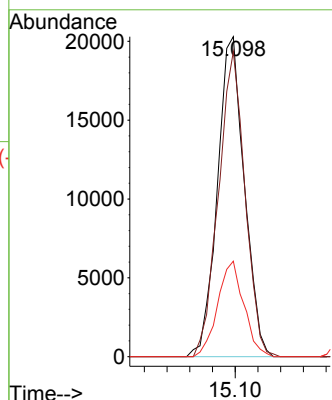
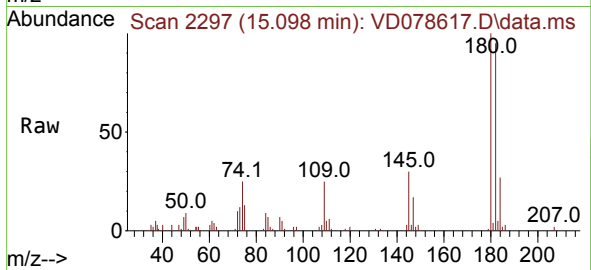
Tgt Ion:180 Resp: 33398

Ion Ratio Lower Upper

180 100

182 93.6 48.5 145.6

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.276 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.005 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

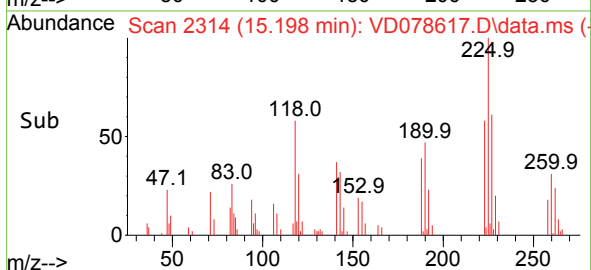
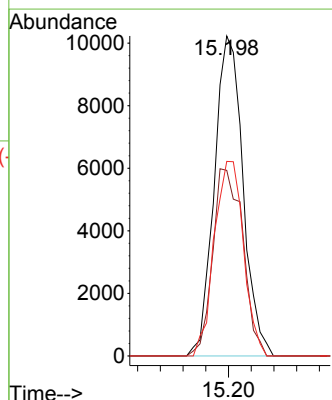
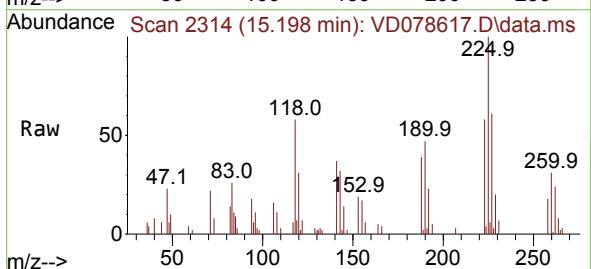
Tgt Ion:225 Resp: 17912

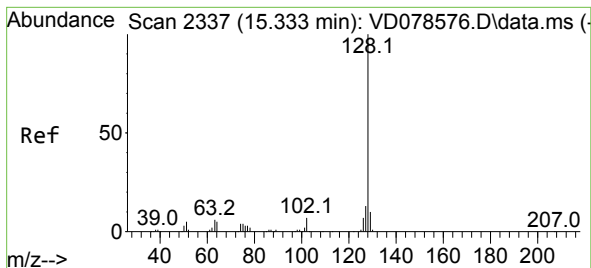
Ion Ratio Lower Upper

225 100

223 61.2 31.6 94.8

227 62.0 31.7 95.1





#95

Naphthalene

Concen: 19.062 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.005 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

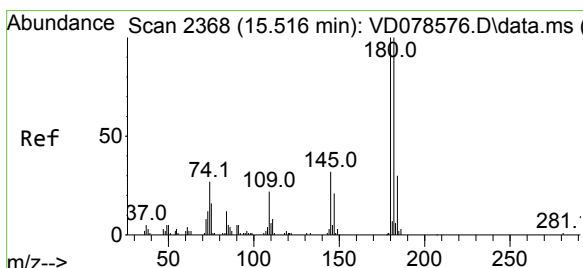
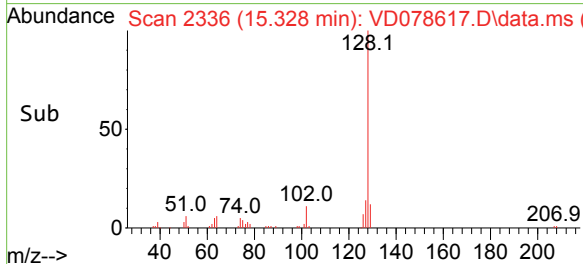
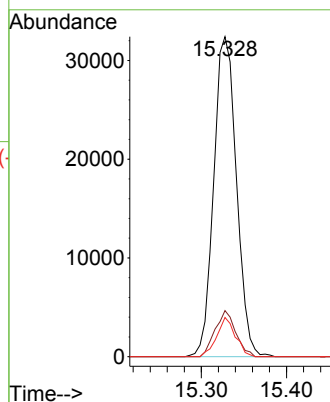
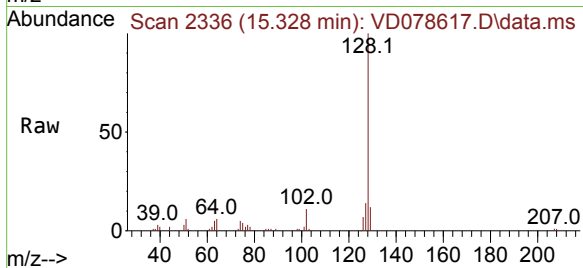
Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01

Tgt Ion:128	Resp:	59999
Ion Ratio	Lower	Upper
128	100	
127	14.4	10.5 15.7
129	12.3	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.659 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD078617.D

Acq: 08 Mar 2024 12:52

Tgt Ion:180	Resp:	29517
Ion Ratio	Lower	Upper
180	100	
182	95.2	47.3 141.9
145	31.4	15.1 45.3

