

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
 Data File : VD078755.D
 Acq On : 27 Mar 2024 16:38
 Operator : RP/MD
 Sample : VD0327SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBS01

Quant Time: Mar 28 05:10:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	102137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	180119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	169606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51132	53.419	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.840%	
35) Dibromofluoromethane	7.810	113	61030	52.626	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.260%	
50) Toluene-d8	10.269	98	214502	50.293	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.575	95	65816	52.748	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	17093	17.981	ug/l	98
3) Chloromethane	2.152	50	27489	18.315	ug/l	96
4) Vinyl Chloride	2.287	62	42995	19.418	ug/l	96
5) Bromomethane	2.687	94	40171	18.949	ug/l	95
6) Chloroethane	2.834	64	33933	19.652	ug/l	99
7) Trichlorofluoromethane	3.181	101	35660	20.358	ug/l	92
8) Diethyl Ether	3.587	74	10359	20.255	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.975	101	21510	19.567	ug/l	95
10) Methyl Iodide	4.169	142	25082	19.288	ug/l	97
11) Tert butyl alcohol	5.057	59	4415	103.066	ug/l #	87
12) 1,1-Dichloroethene	3.946	96	21232	20.317	ug/l #	80
13) Acrolein	3.805	56	7538	112.334	ug/l	99
14) Allyl chloride	4.563	41	24277	20.820	ug/l	99
15) Acrylonitrile	5.257	53	23954	116.187	ug/l	94
16) Acetone	4.022	43	24033	129.841	ug/l	97
17) Carbon Disulfide	4.275	76	48663	14.204	ug/l	97
18) Methyl Acetate	4.558	43	9821	24.724	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	48984	23.243	ug/l	94
20) Methylene Chloride	4.805	84	37782	27.775	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	24306	19.711	ug/l	93
22) Diisopropyl ether	6.216	45	57951	21.859	ug/l	96
23) Vinyl Acetate	6.157	43	171279	110.449	ug/l	96
24) 1,1-Dichloroethane	6.110	63	45401	22.841	ug/l	99
25) 2-Butanone	7.087	43	31220	126.866	ug/l	96
26) 2,2-Dichloropropane	7.081	77	37184	22.111	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	29203	20.764	ug/l	96
28) Bromochloromethane	7.428	49	15348	21.659	ug/l	98
29) Tetrahydrofuran	7.446	42	16125	120.473	ug/l	95
30) Chloroform	7.599	83	50811	22.927	ug/l	99
31) Cyclohexane	7.881	56	27234	16.928	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	41256	21.941	ug/l	98
36) 1,1-Dichloropropene	8.010	75	30004	17.832	ug/l	95
37) Ethyl Acetate	7.175	43	10146	18.458	ug/l #	79
38) Carbon Tetrachloride	7.998	117	35871	20.222	ug/l	82
39) Methylcyclohexane	9.269	83	31075	15.920	ug/l	99
40) Benzene	8.251	78	101992	20.052	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	6389	22.179	ug/l	90
42) 1,2-Dichloroethane	8.334	62	26896	21.683	ug/l	100
43) Isopropyl Acetate	8.363	43	22715	22.722	ug/l	95
44) Trichloroethene	9.028	130	27953	20.251	ug/l	99
45) 1,2-Dichloropropane	9.304	63	25853	21.426	ug/l	99
46) Dibromomethane	9.398	93	15209	21.027	ug/l	97
47) Bromodichloromethane	9.587	83	38370	22.284	ug/l	95
48) Methyl methacrylate	9.381	41	10679	21.924	ug/l	91
49) 1,4-Dioxane	9.381	88	2920	436.021	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	62701	119.973	ug/l	96
52) Toluene	10.334	92	66738	20.380	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	34064	21.637	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	40855	21.587	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	21504	22.202	ug/l	94
56) Ethyl methacrylate	10.598	69	20058	20.657	ug/l	96
57) 1,3-Dichloropropane	10.881	76	34148	21.849	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	44456	103.834	ug/l	99
59) 2-Hexanone	10.922	43	46923	121.115	ug/l	98
60) Dibromochloromethane	11.069	129	26547	22.225	ug/l	99
61) 1,2-Dibromoethane	11.181	107	20030	21.369	ug/l	98
64) Tetrachloroethene	10.810	164	22881	20.386	ug/l	95
65) Chlorobenzene	11.604	112	75640	21.342	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	27145	20.913	ug/l	98
67) Ethyl Benzene	11.681	91	121316	20.087	ug/l	99
68) m/p-Xylenes	11.792	106	95312	38.863	ug/l	99
69) o-Xylene	12.122	106	47355	20.869	ug/l	95
70) Styrene	12.134	104	79214	20.799	ug/l	99
71) Bromoform	12.298	173	15572	22.199	ug/l #	93
73) Isopropylbenzene	12.422	105	114800	19.315	ug/l	99
74) N-amyl acetate	12.234	43	20979	21.740	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	24707	22.456	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	28017	40.284	ug/l #	100
77) Bromobenzene	12.704	156	30456	20.662	ug/l	98
78) n-propylbenzene	12.763	91	144059	19.912	ug/l	100
79) 2-Chlorotoluene	12.845	91	79314	19.984	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	97630	19.864	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	7645	23.041	ug/l	98
82) 4-Chlorotoluene	12.945	91	86499	20.606	ug/l	100
83) tert-Butylbenzene	13.163	119	85184	20.100	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	100670	20.324	ug/l	97
85) sec-Butylbenzene	13.345	105	126289	19.691	ug/l	99
86) p-Isopropyltoluene	13.457	119	106799	19.452	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	64797	20.832	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	64058	20.897	ug/l	98
89) n-Butylbenzene	13.786	91	99664	20.100	ug/l	97
90) Hexachloroethane	14.057	117	23376	20.577	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	55668	20.780	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2877	19.547	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	32737	20.939	ug/l	93
94) Hexachlorobutadiene	15.204	225	16878	19.940	ug/l	95
95) Naphthalene	15.333	128	55635	20.467	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	28328	20.944	ug/l	97

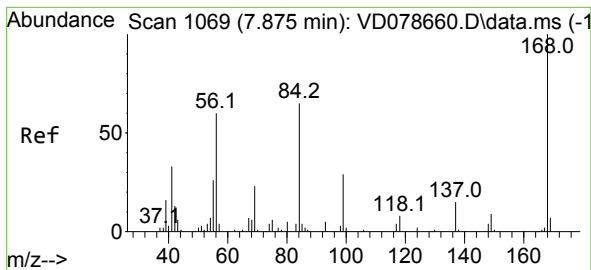
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
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Quant Title : SW846 8260
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Response via : Initial Calibration

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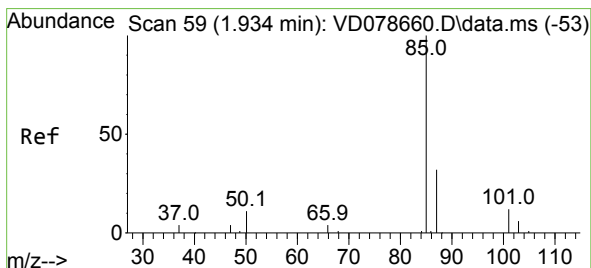
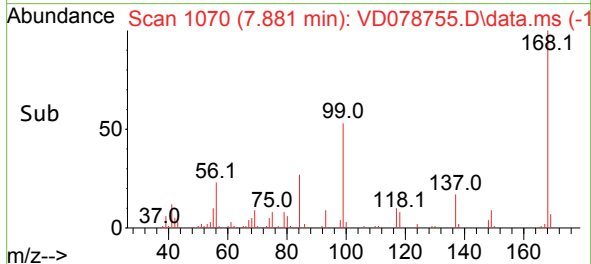
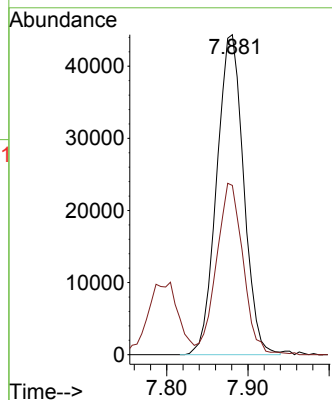
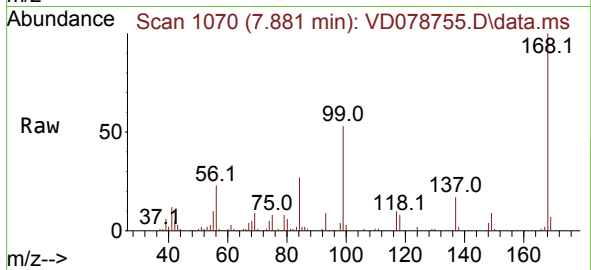
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

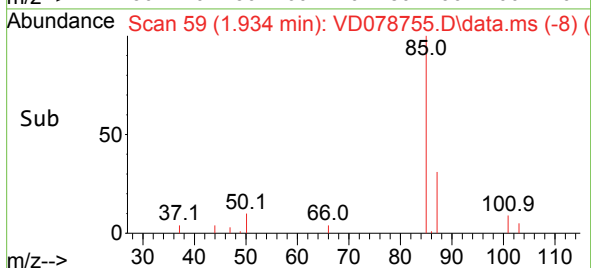
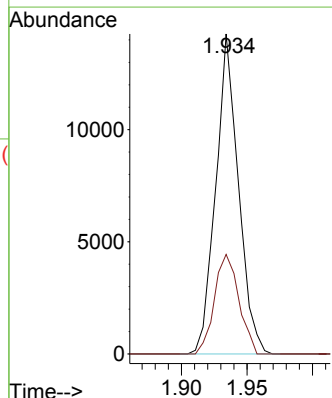
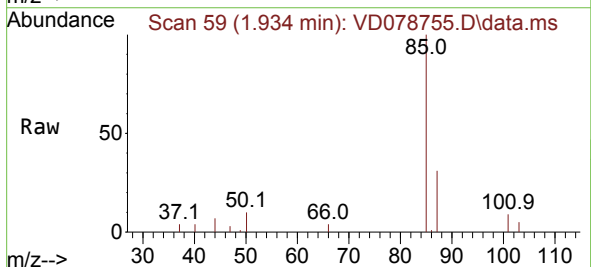
Instrument :
MSVOA_D
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VD0327SBSD01

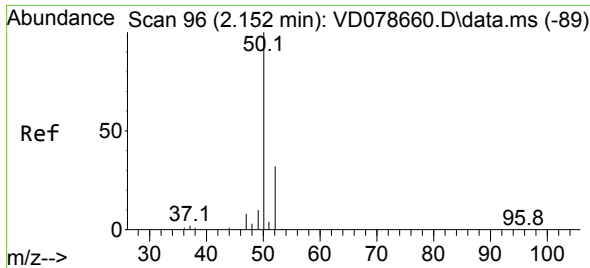
Tgt Ion:168 Resp: 102137
Ion Ratio Lower Upper
168 100
99 52.3 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 17.981 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion: 85 Resp: 17093
Ion Ratio Lower Upper
85 100
87 31.1 16.2 48.5

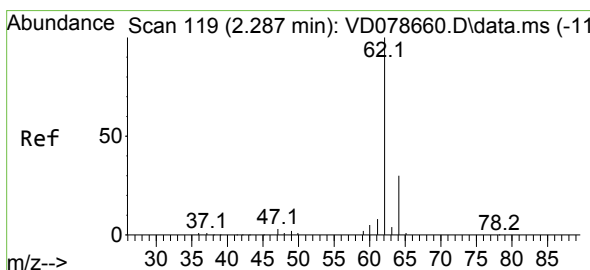
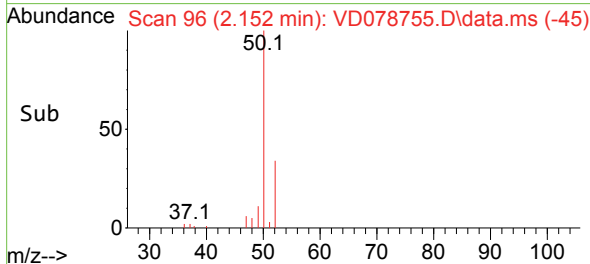
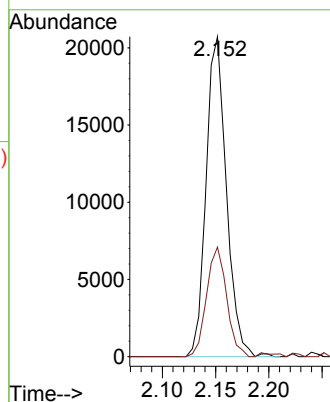
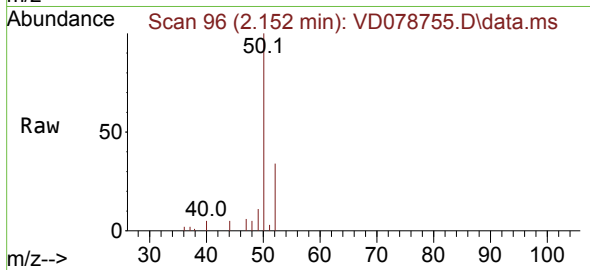




#3
Chloromethane
Concen: 18.315 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

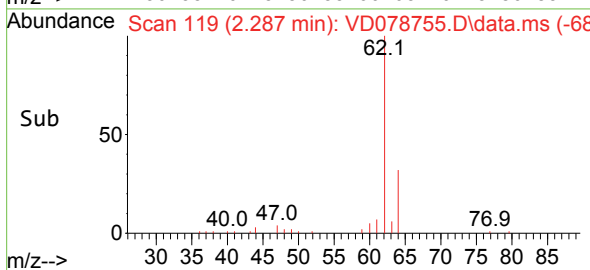
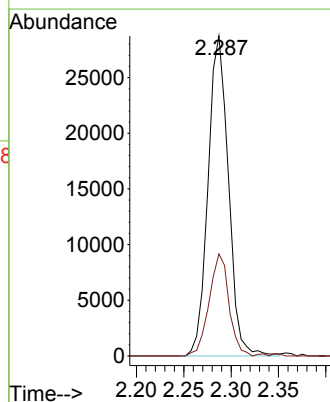
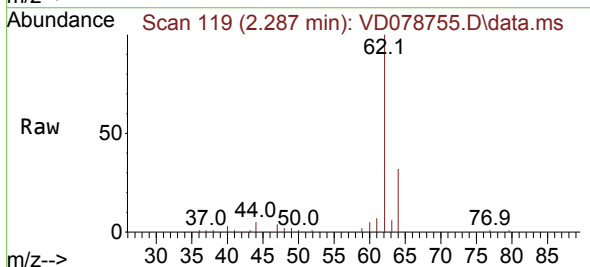
Instrument :
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ClientSampleId :
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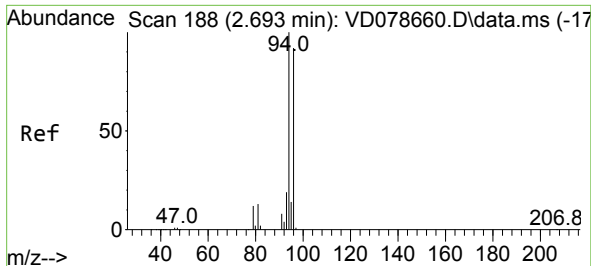
Tgt Ion: 50 Resp: 27489
Ion Ratio Lower Upper
50 100
52 34.2 25.6 38.4



#4
Vinyl Chloride
Concen: 19.418 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion: 62 Resp: 42995
Ion Ratio Lower Upper
62 100
64 31.9 23.7 35.5

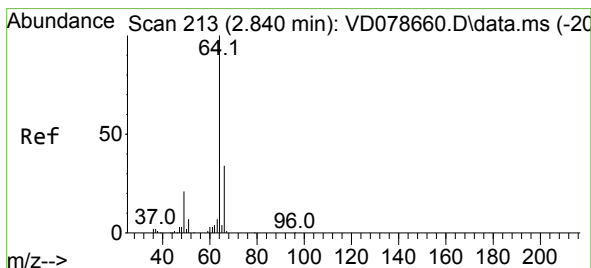
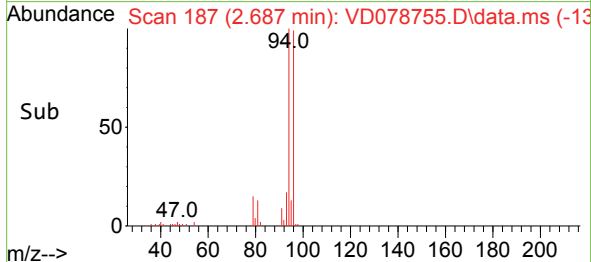
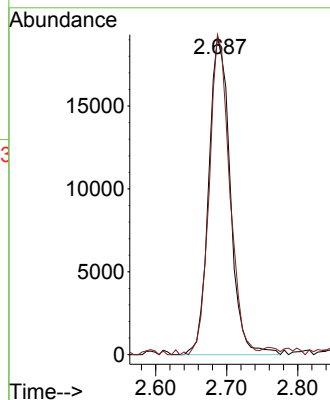
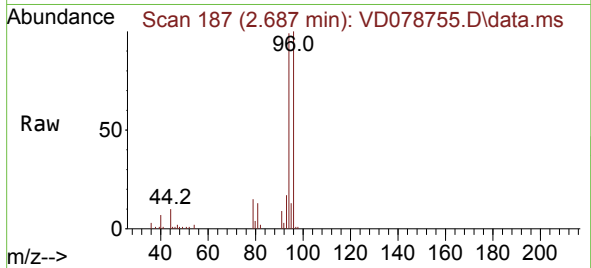




#5
Bromomethane
Concen: 18.949 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

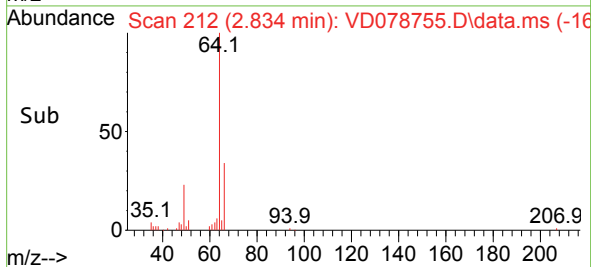
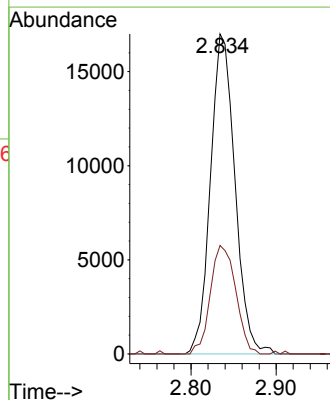
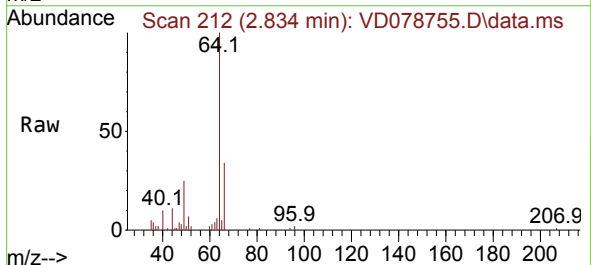
Instrument :
MSVOA_D
ClientSampleId :
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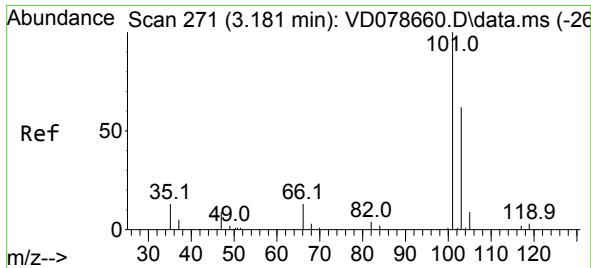
Tgt Ion: 94 Resp: 40171
Ion Ratio Lower Upper
94 100
96 96.6 73.5 110.3



#6
Chloroethane
Concen: 19.652 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion: 64 Resp: 33933
Ion Ratio Lower Upper
64 100
66 33.9 26.8 40.2

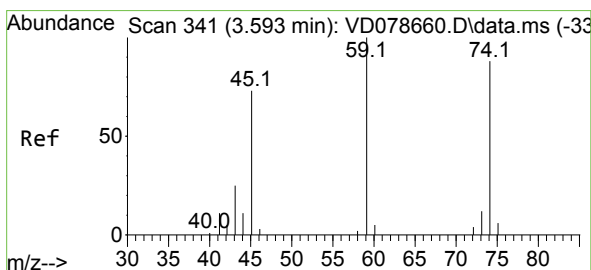
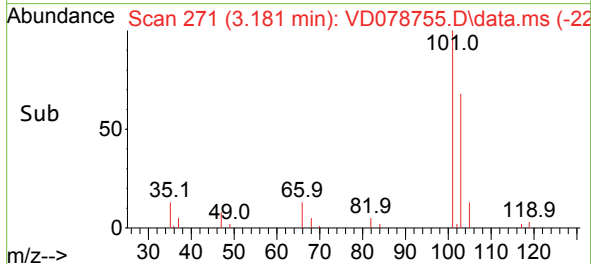
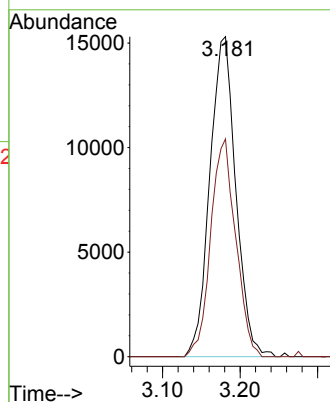
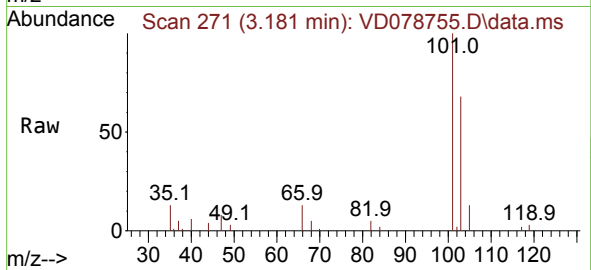




#7
Trichlorofluoromethane
Concen: 20.358 ug/l
RT: 3.181 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078755.D
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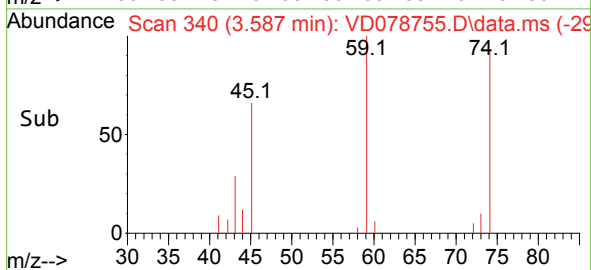
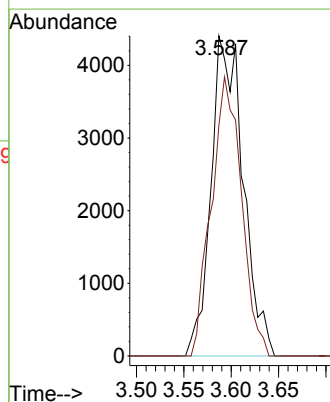
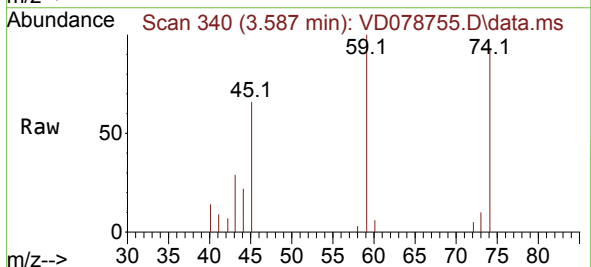
Instrument :
MSVOA_D
ClientSampleId :
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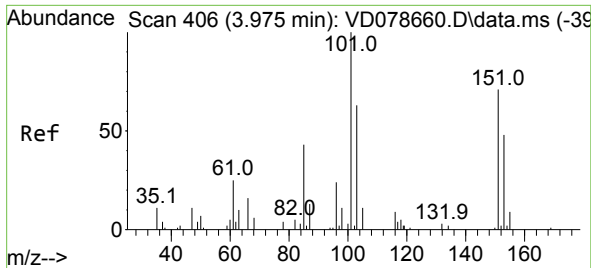
Tgt Ion:101 Resp: 35660
Ion Ratio Lower Upper
101 100
103 68.1 49.7 74.5



#8
Diethyl Ether
Concen: 20.255 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion: 74 Resp: 10359
Ion Ratio Lower Upper
74 100
45 82.1 42.4 127.3

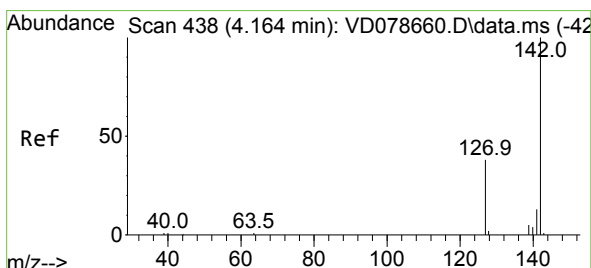
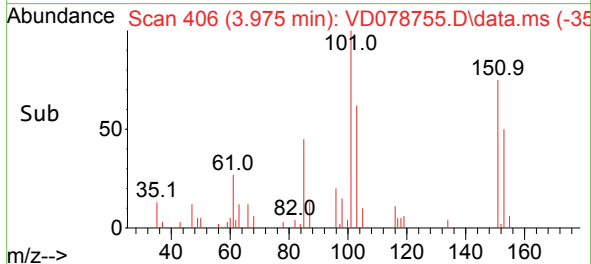
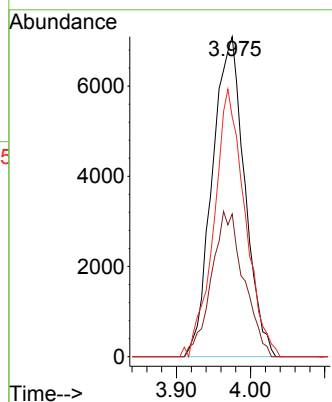
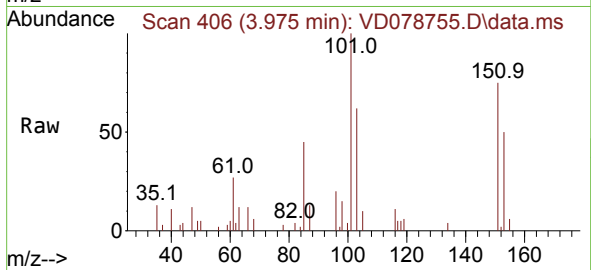




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.567 ug/l
RT: 3.975 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD078755.D
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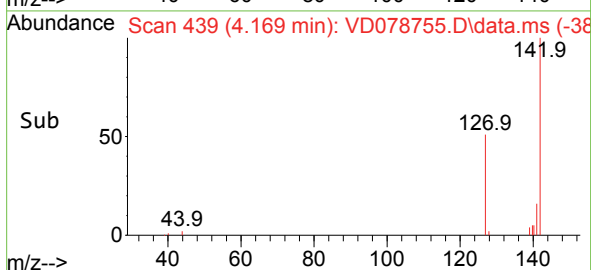
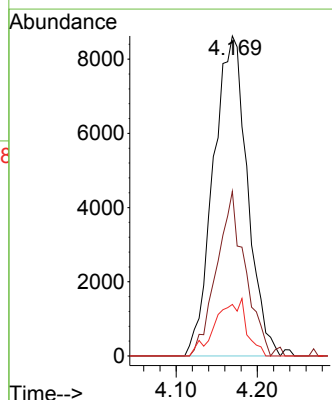
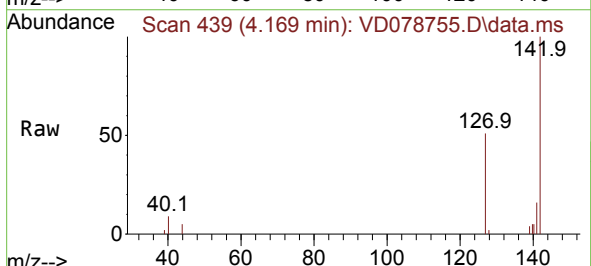
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

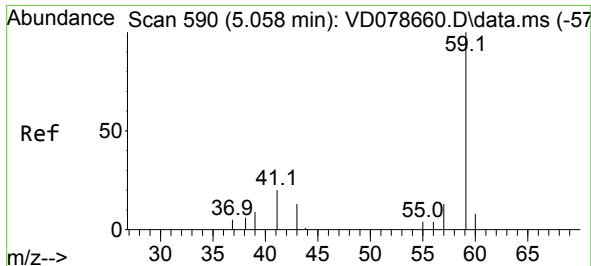
Tgt Ion:101 Resp: 21510
Ion Ratio Lower Upper
101 100
85 45.6 35.8 53.6
151 80.7 59.4 89.2



#10
Methyl Iodide
Concen: 19.288 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion:142 Resp: 25082
Ion Ratio Lower Upper
142 100
127 43.6 33.5 50.3
141 16.0 11.7 17.5





#11

Tert butyl alcohol

Concen: 103.066 ug/l

RT: 5.057 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

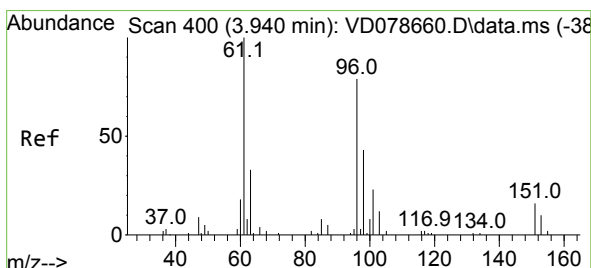
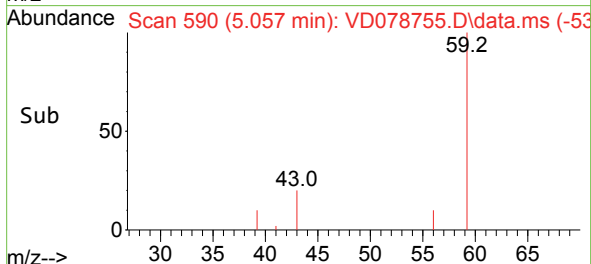
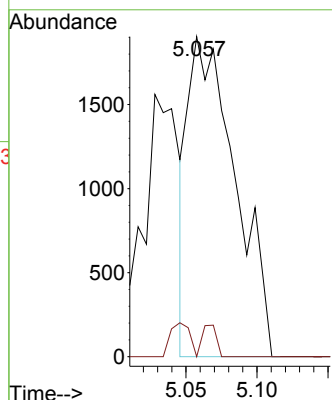
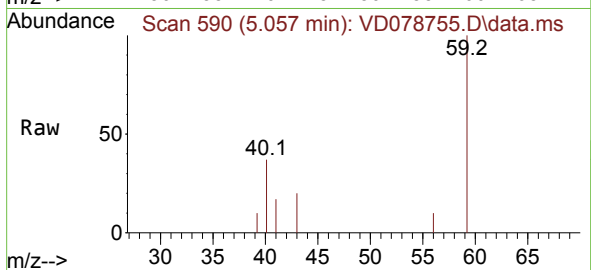
VD0327SBSD01

Tgt Ion: 59 Resp: 4415

Ion Ratio Lower Upper

59 100

57 4.3 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 20.317 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

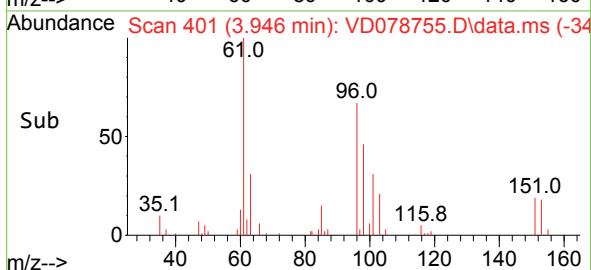
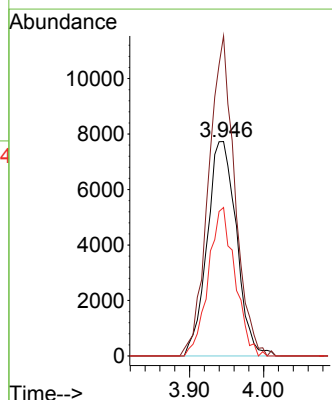
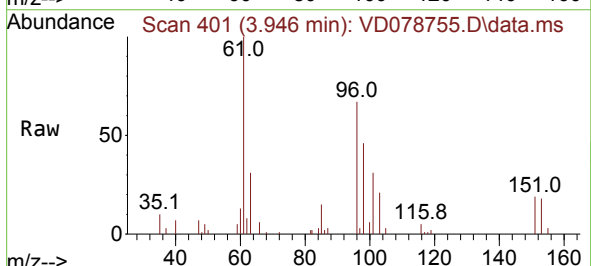
Tgt Ion: 96 Resp: 21232

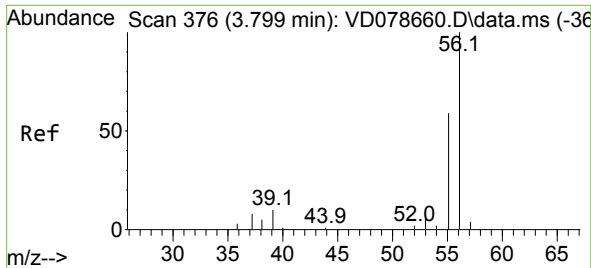
Ion Ratio Lower Upper

96 100

61 149.3 101.4 152.0

98 69.3 43.4 65.0#

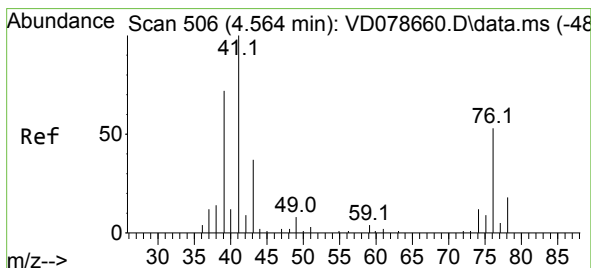
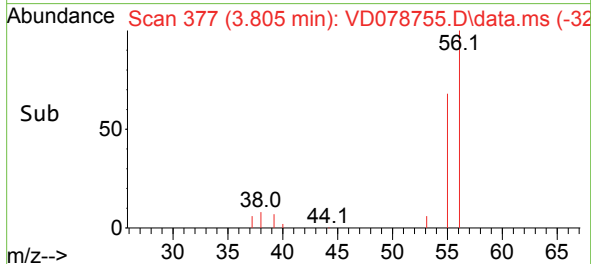
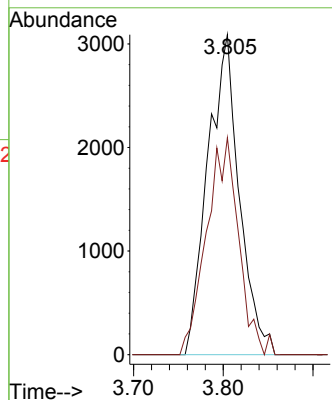
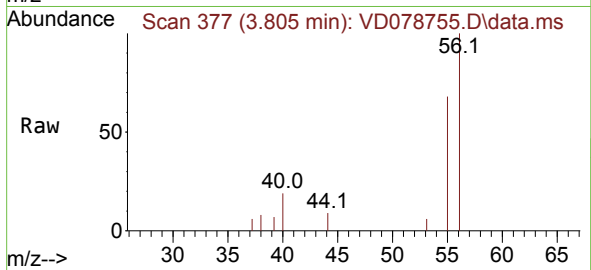




#13
Acrolein
Concen: 112.334 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

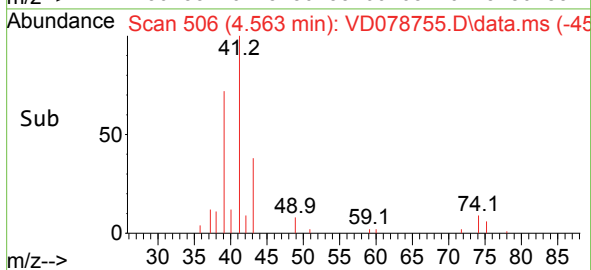
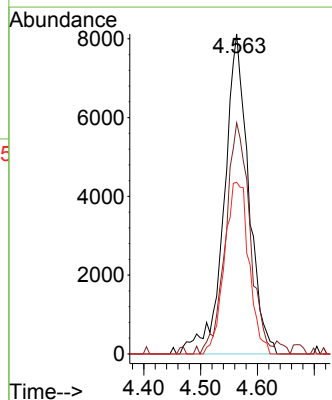
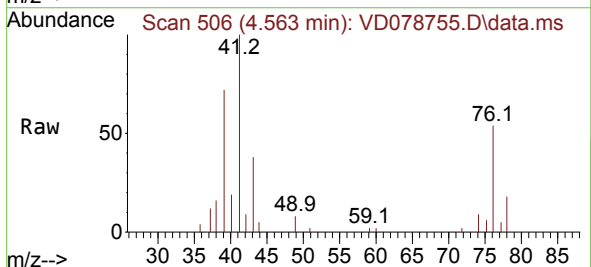
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

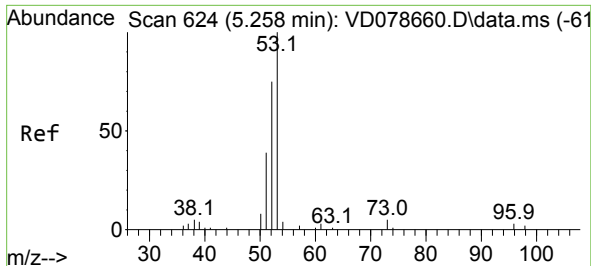
Tgt Ion: 56 Resp: 7538
Ion Ratio Lower Upper
56 100
55 68.2 54.9 82.3



#14
Allyl chloride
Concen: 20.820 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion: 41 Resp: 24277
Ion Ratio Lower Upper
41 100
39 72.0 57.8 86.6
76 53.8 44.8 67.2

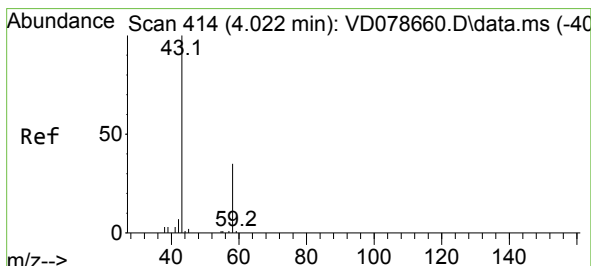
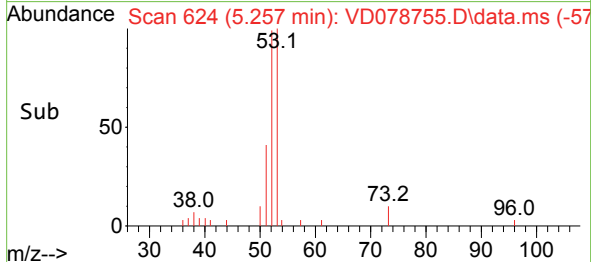
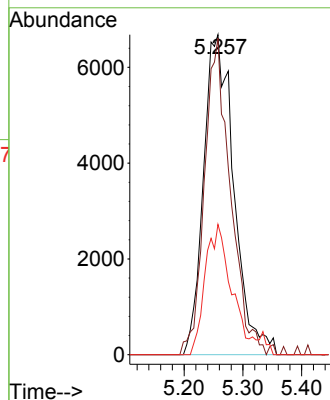
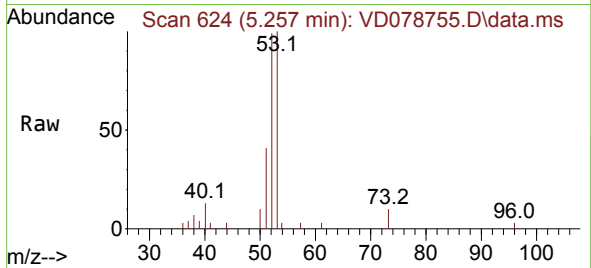




#15
Acrylonitrile
Concen: 116.187 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

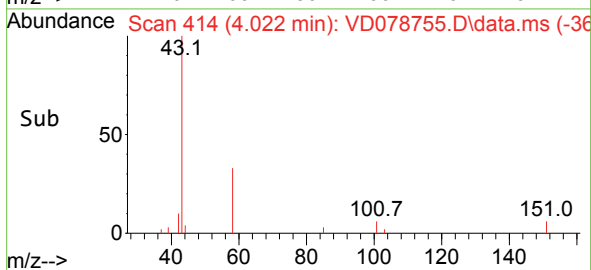
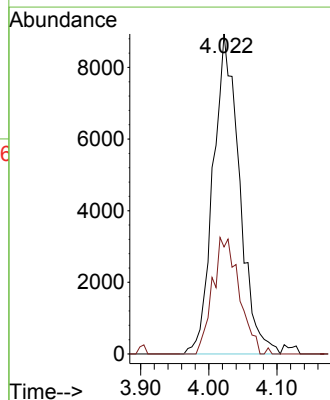
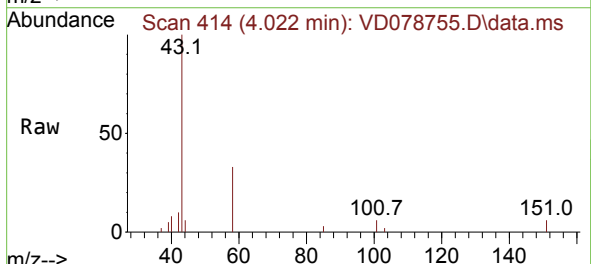
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

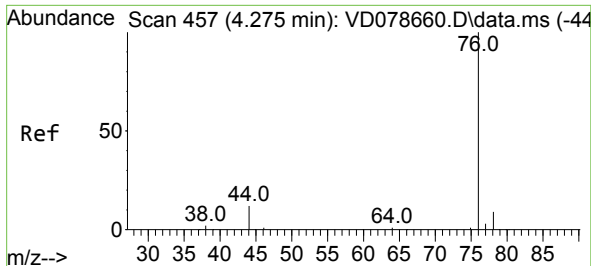
Tgt Ion:	53	Resp:	23954
Ion	Ratio	Lower	Upper
53	100		
52	84.5	61.9	92.9
51	35.7	29.0	43.4



#16
Acetone
Concen: 129.841 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion:	43	Resp:	24033
Ion	Ratio	Lower	Upper
43	100		
58	33.4	28.2	42.4

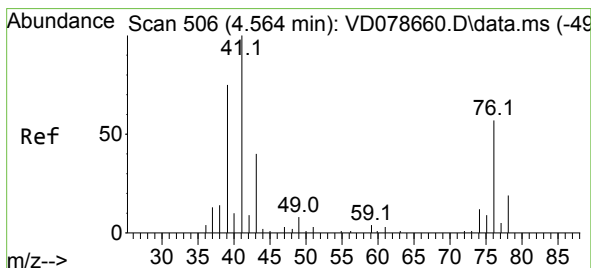
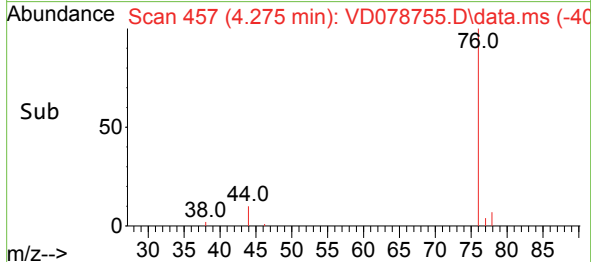
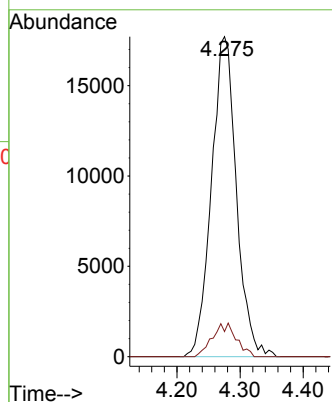
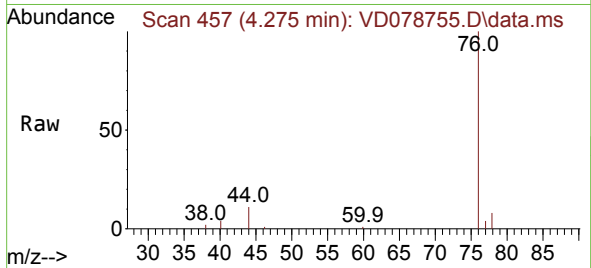




#17
Carbon Disulfide
Concen: 14.204 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

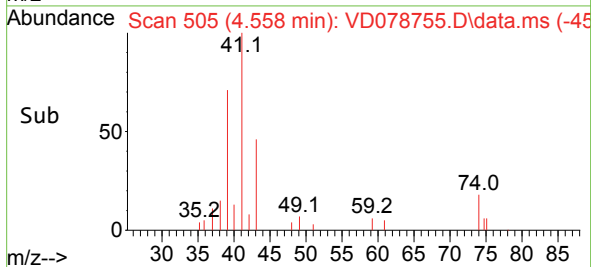
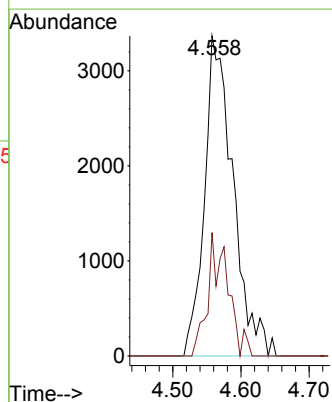
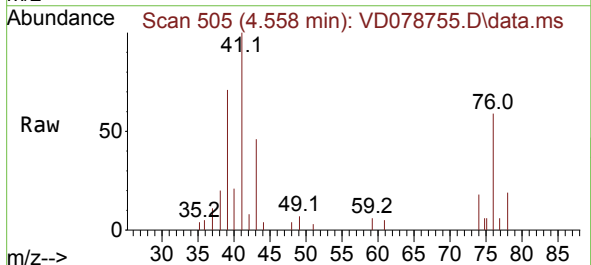
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

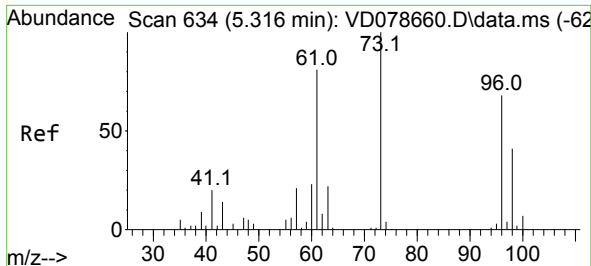
Tgt Ion: 76 Resp: 48663
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9



#18
Methyl Acetate
Concen: 24.724 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion: 43 Resp: 9821
Ion Ratio Lower Upper
43 100
74 25.7 25.3 37.9

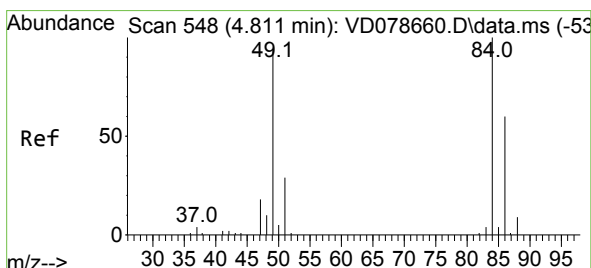
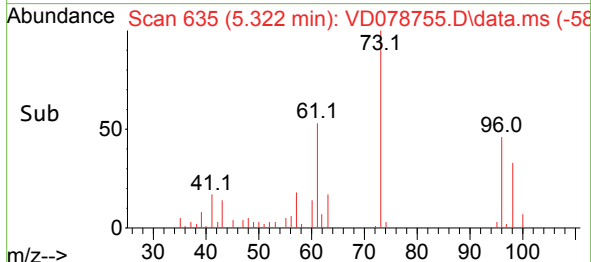
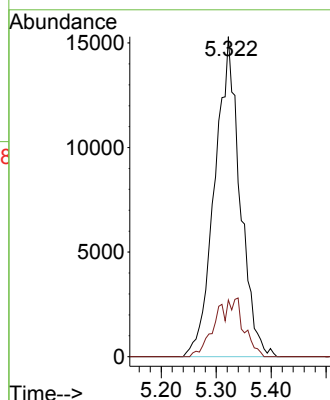
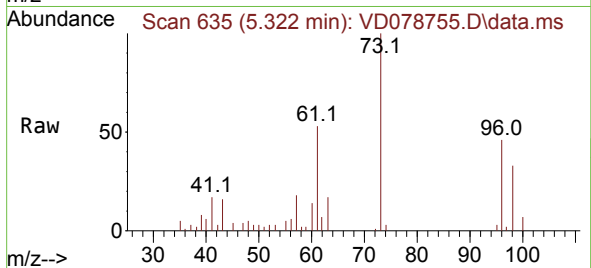




#19
Methyl tert-butyl Ether
Concen: 23.243 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

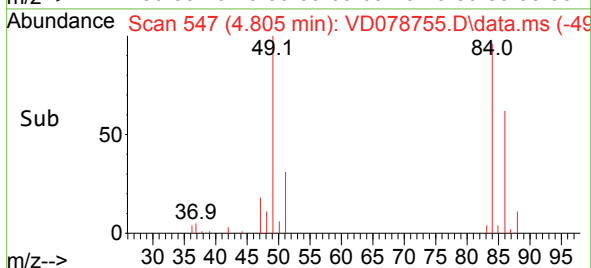
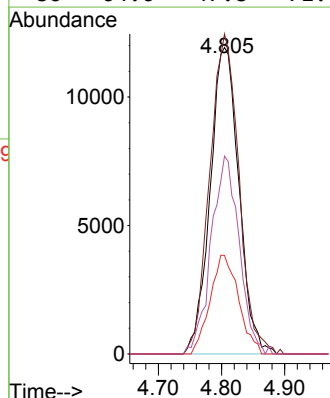
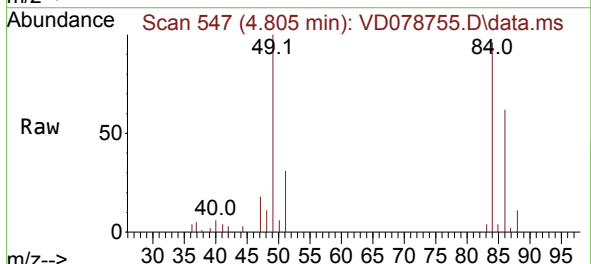
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

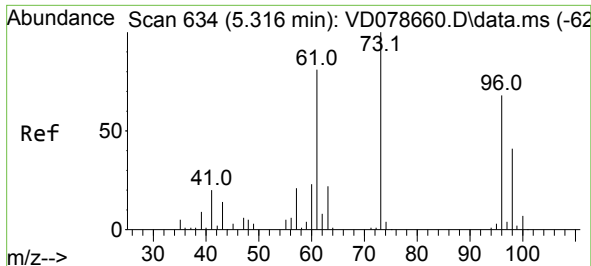
Tgt Ion: 73 Resp: 48984
Ion Ratio Lower Upper
73 100
57 17.7 16.4 24.6



#20
Methylene Chloride
Concen: 27.775 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion: 84 Resp: 37782
Ion Ratio Lower Upper
84 100
49 104.4 75.6 113.4
51 32.1 23.4 35.0
86 64.6 47.8 71.6





#21

trans-1,2-Dichloroethene

Concen: 19.711 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBSD01

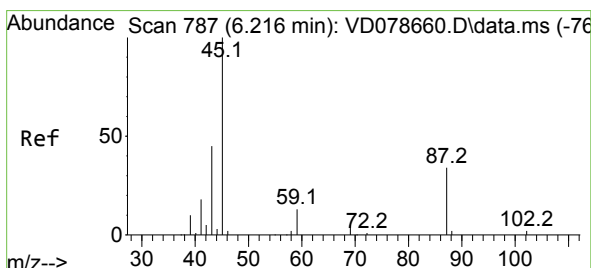
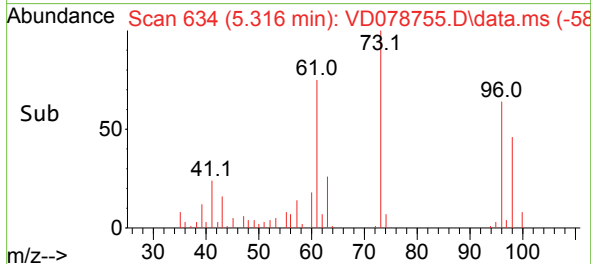
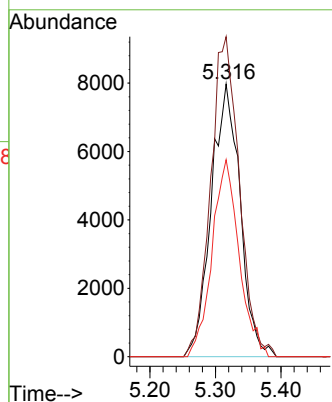
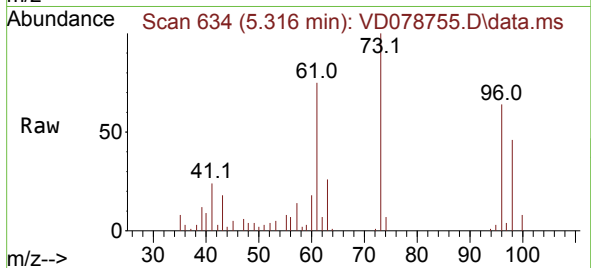
Tgt Ion: 96 Resp: 24306

Ion Ratio Lower Upper

96 100

61 117.4 96.1 144.1

98 72.2 48.9 73.3



#22

Diisopropyl ether

Concen: 21.859 ug/l

RT: 6.216 min Scan# 787

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Tgt Ion: 45 Resp: 57951

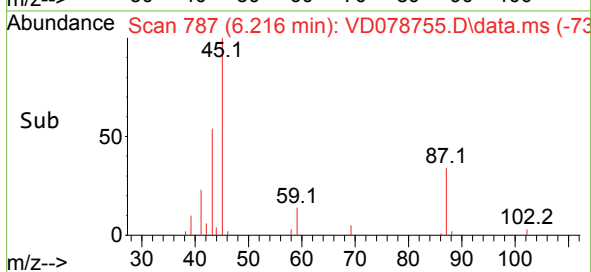
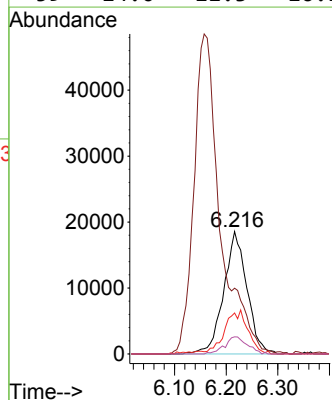
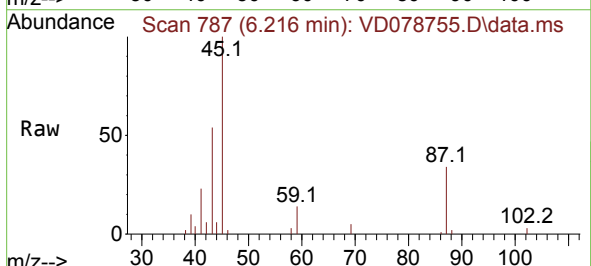
Ion Ratio Lower Upper

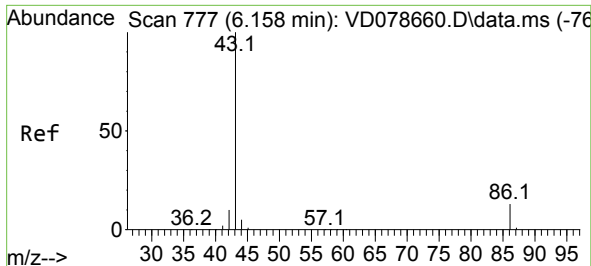
45 100

43 51.8 44.3 66.5

87 33.5 28.3 42.5

59 14.0 11.3 16.9

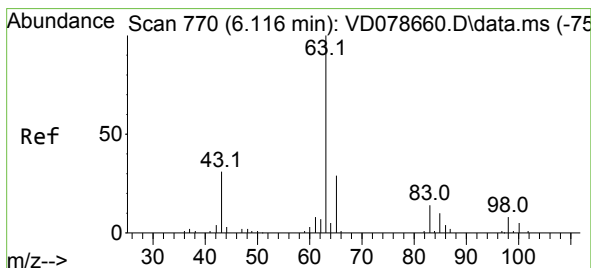
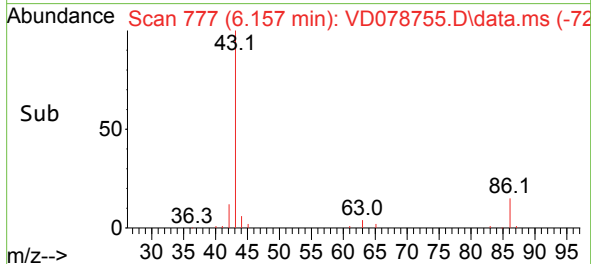
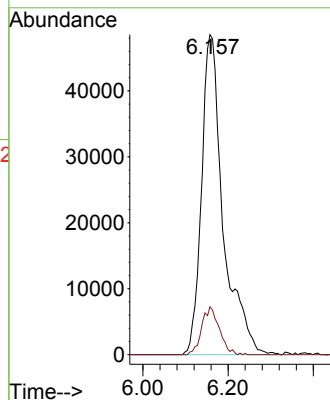
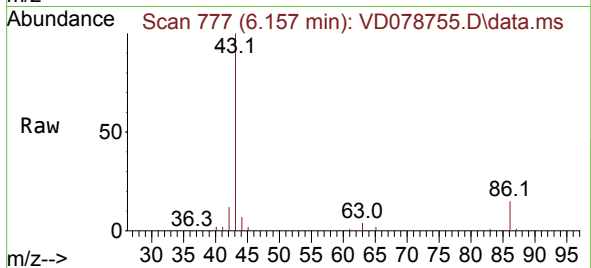




#23
 Vinyl Acetate
 Concen: 110.449 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VD078755.D
 Acq: 27 Mar 2024 16:38

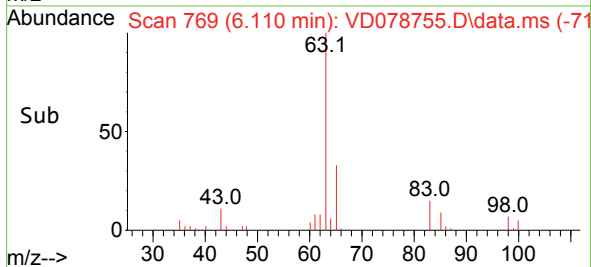
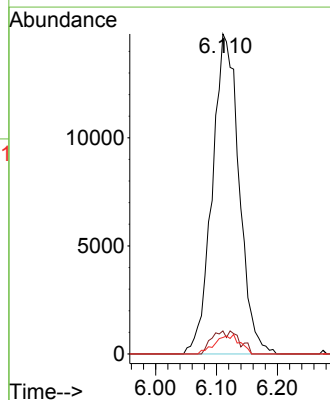
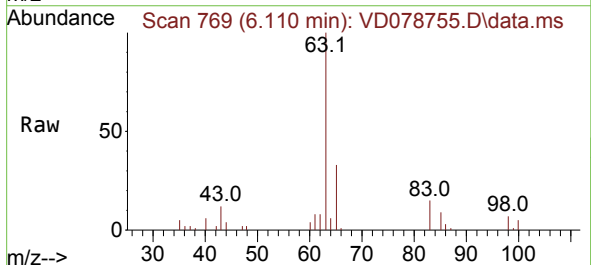
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBSD01

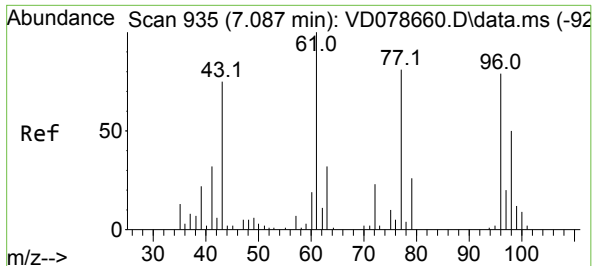
Tgt Ion: 43 Resp: 171279
 Ion Ratio Lower Upper
 43 100
 86 15.0 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 22.841 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078755.D
 Acq: 27 Mar 2024 16:38

Tgt Ion: 63 Resp: 45401
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 11.9
 100 5.2 2.7 8.1





#25

2-Butanone

Concen: 126.866 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

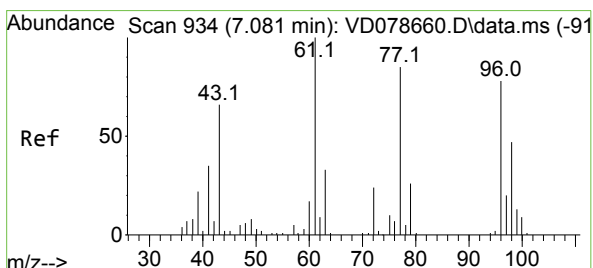
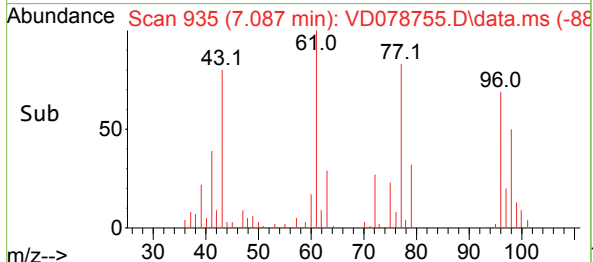
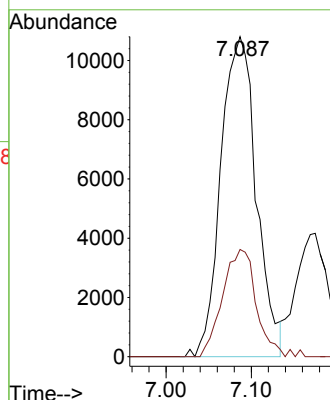
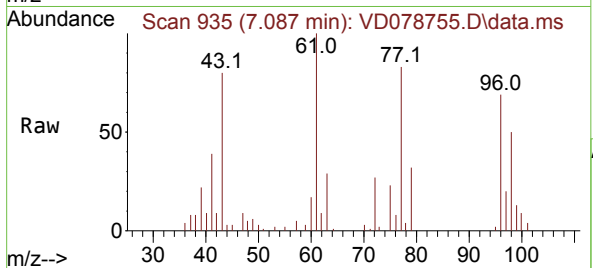
VD0327SBSD01

Tgt Ion: 43 Resp: 31220

Ion Ratio Lower Upper

43 100

72 33.5 25.0 37.6



#26

2,2-Dichloropropane

Concen: 22.111 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078755.D

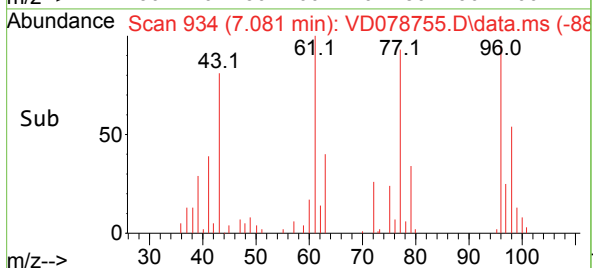
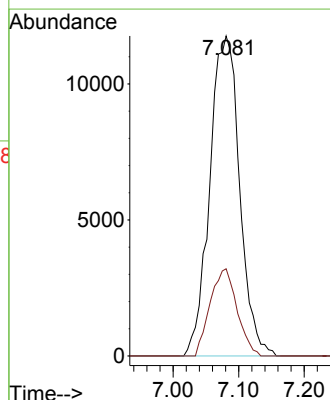
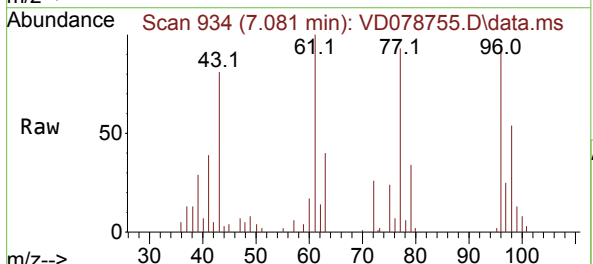
Acq: 27 Mar 2024 16:38

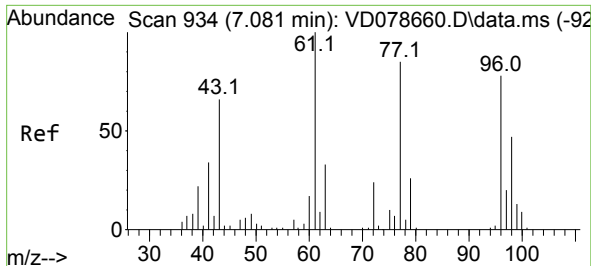
Tgt Ion: 77 Resp: 37184

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.0

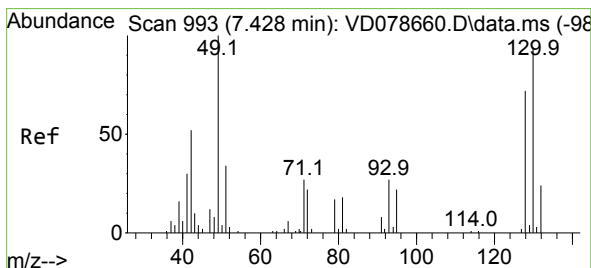
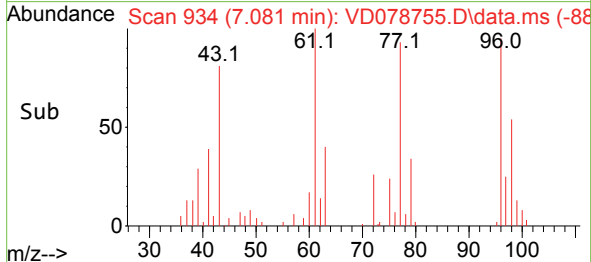
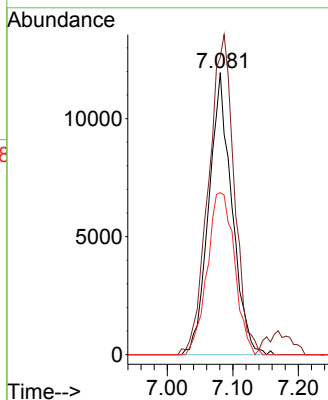
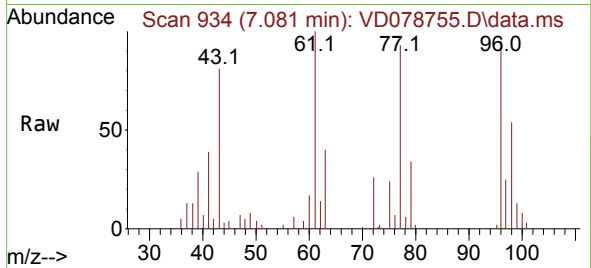




#27
 cis-1,2-Dichloroethene
 Concen: 20.764 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078755.D
 Acq: 27 Mar 2024 16:38

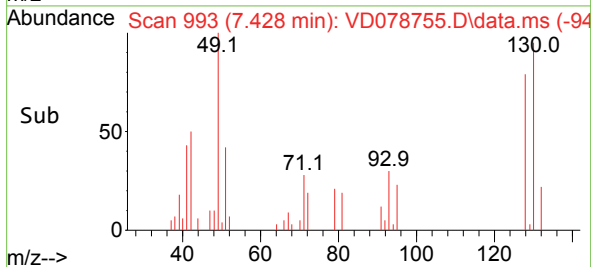
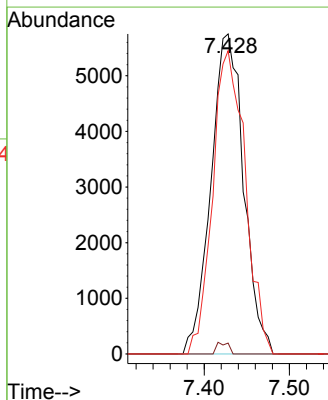
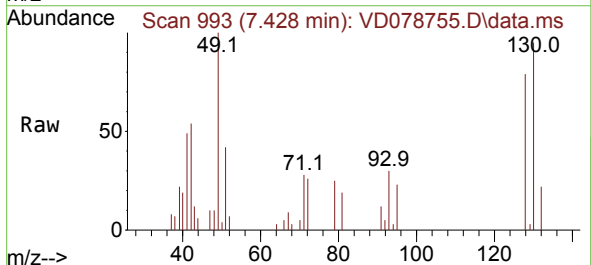
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBSD01

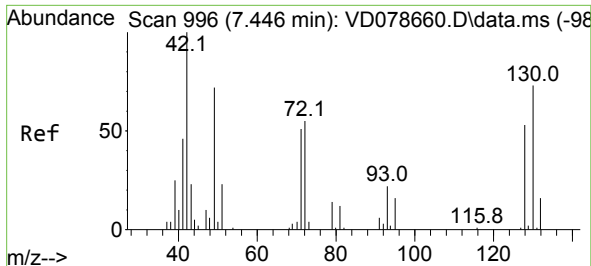
Tgt Ion: 96	Resp:	29203	
Ion	Ratio	Lower	Upper
96	100		
61	126.4	0.0	245.0
98	67.8	0.0	126.6



#28
 Bromochloromethane
 Concen: 21.659 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078755.D
 Acq: 27 Mar 2024 16:38

Tgt Ion: 49	Resp:	15348	
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	6.2
130	94.1	77.1	115.7

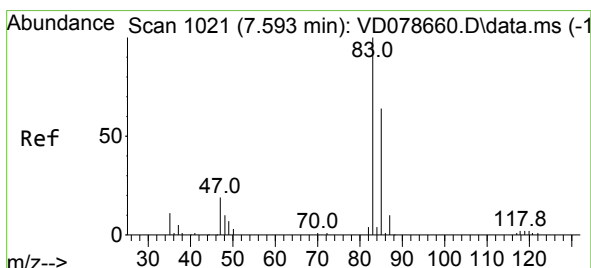
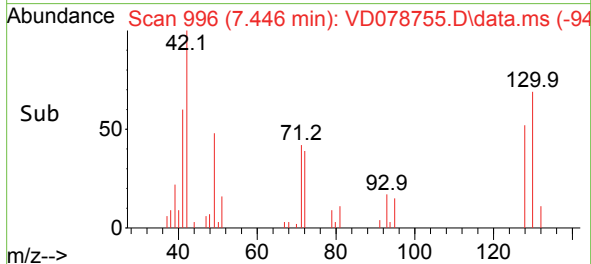
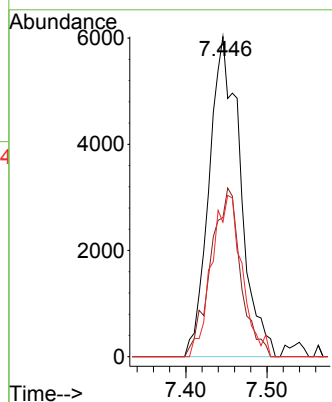
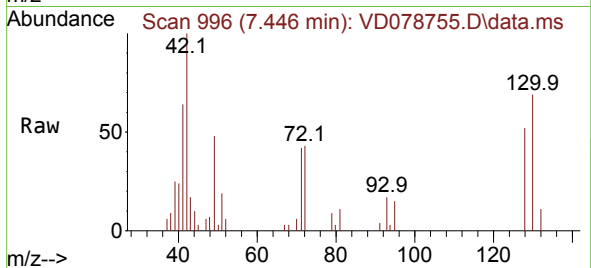




#29
Tetrahydrofuran
Concen: 120.473 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

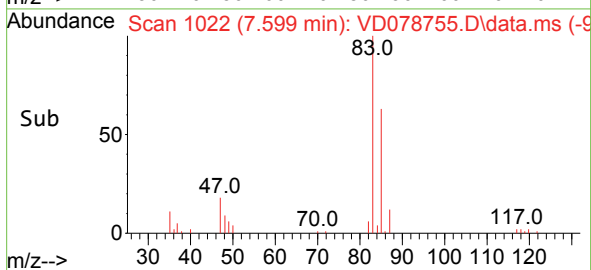
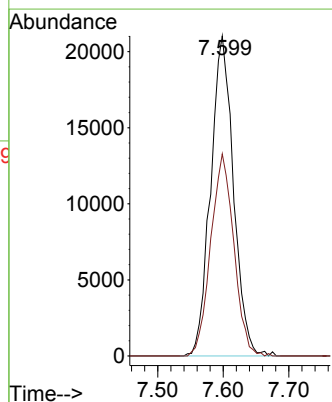
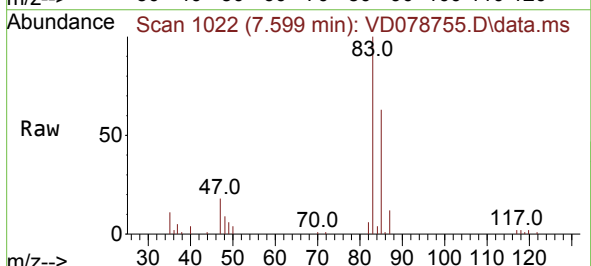
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

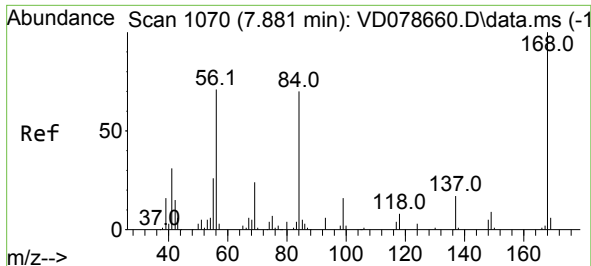
Tgt Ion:	42	Resp:	16125
Ion	Ratio	Lower	Upper
42	100		
72	50.4	43.8	65.6
71	49.1	42.0	63.0



#30
Chloroform
Concen: 22.927 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

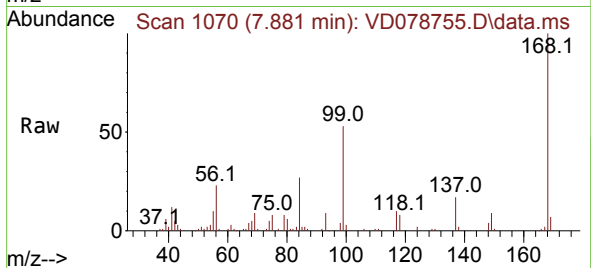
Tgt Ion:	83	Resp:	50811
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.2	76.8



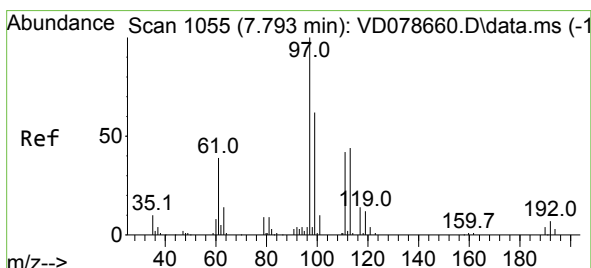
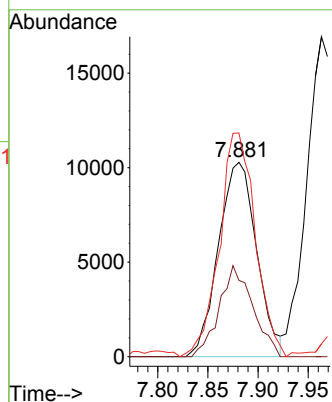
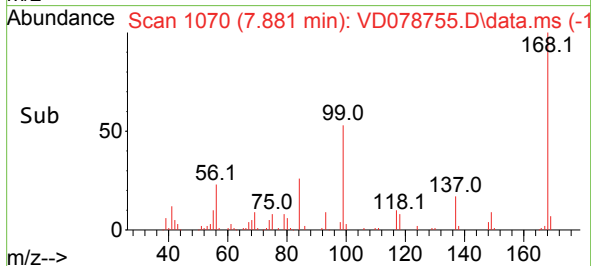


#31
Cyclohexane
Concen: 16.928 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

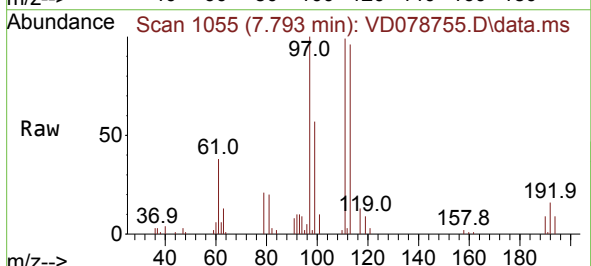
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01



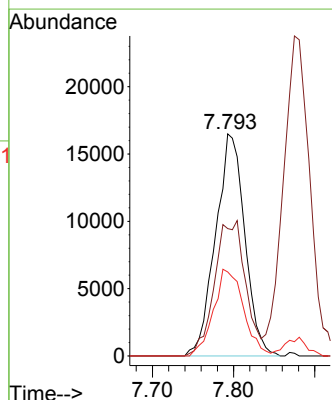
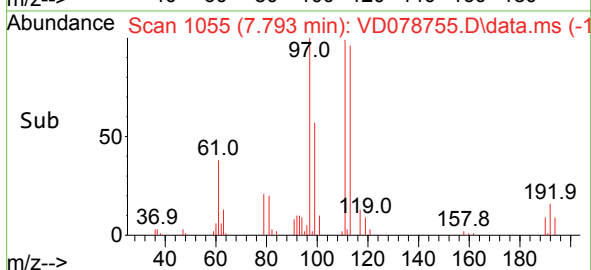
Tgt Ion: 56 Resp: 27234
Ion Ratio Lower Upper
56 100
69 39.3 26.6 40.0
84 115.0 79.4 119.2

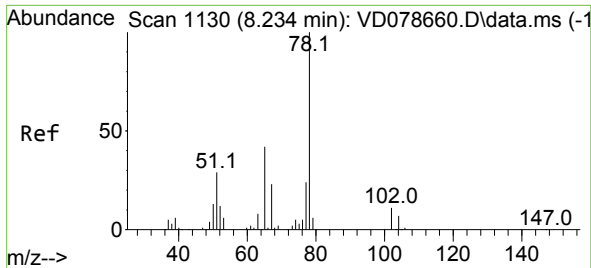


#32
1,1,1-Trichloroethane
Concen: 21.941 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38



Tgt Ion: 97 Resp: 41256
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 40.0 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 53.419 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

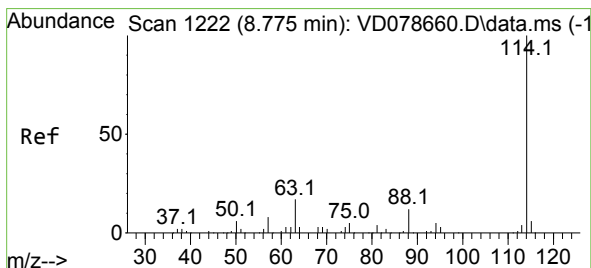
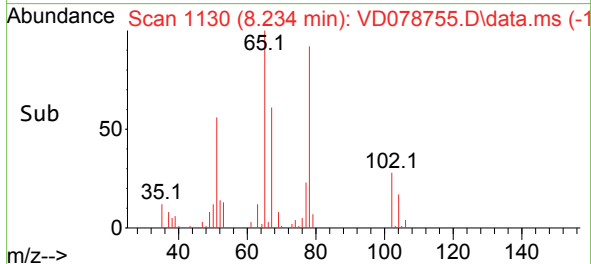
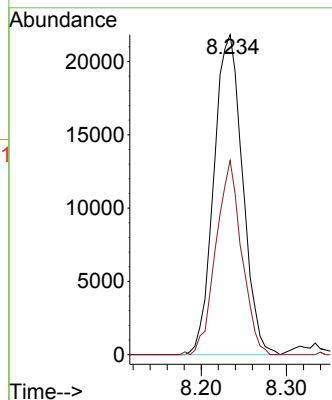
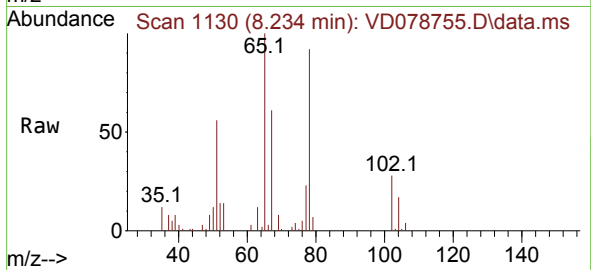
VD0327SBS01

Tgt Ion: 65 Resp: 51132

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

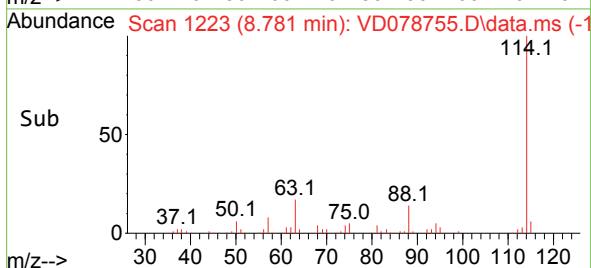
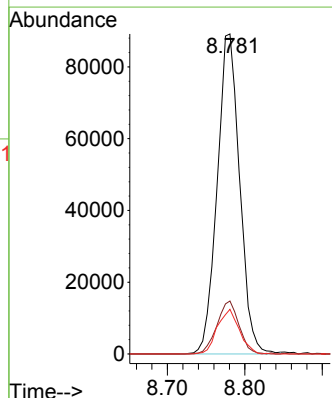
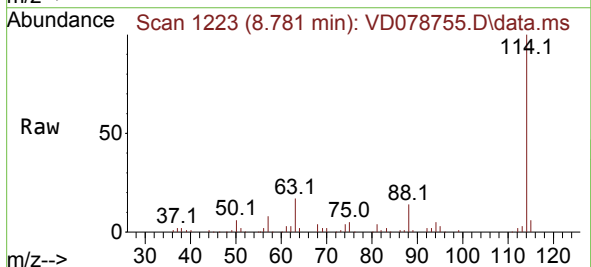
Tgt Ion: 114 Resp: 180119

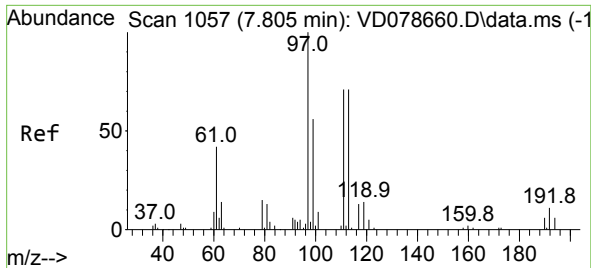
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 13.9 0.0 24.6

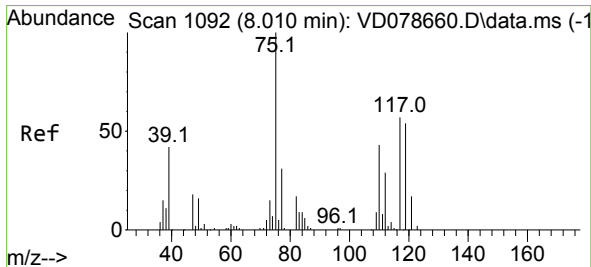
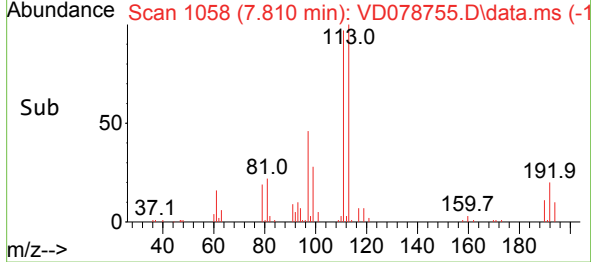
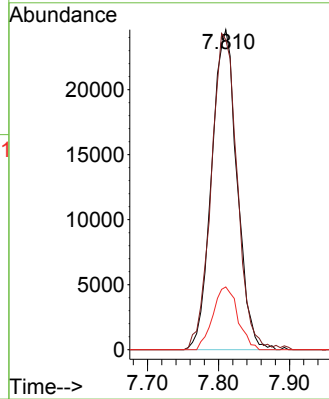
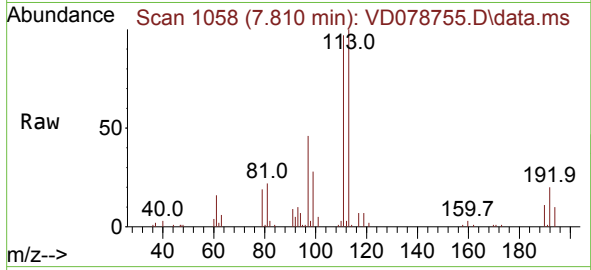




#35
Dibromofluoromethane
Concen: 52.626 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

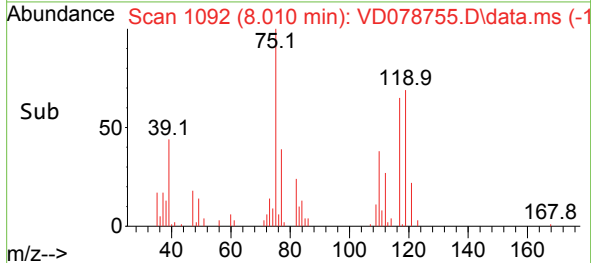
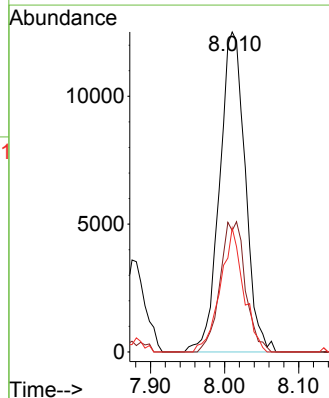
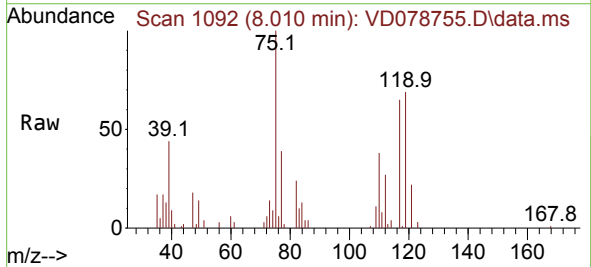
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

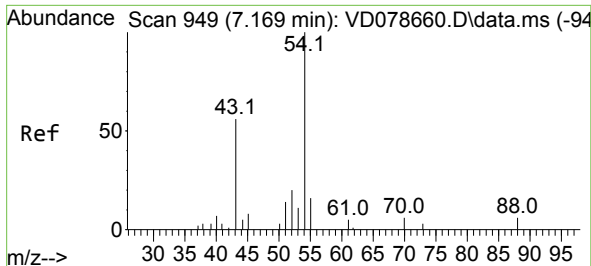
Tgt Ion:113 Resp: 61030
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 17.832 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion: 75 Resp: 30004
Ion Ratio Lower Upper
75 100
110 40.4 19.1 57.1
77 35.3 25.4 38.2





#37

Ethyl Acetate

Concen: 18.458 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBSD01

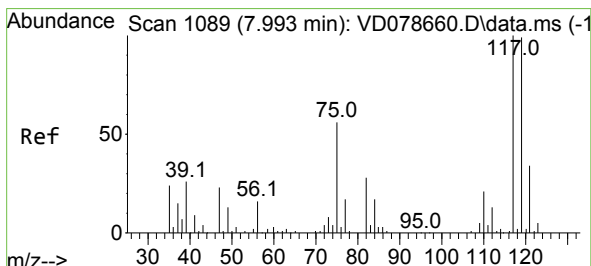
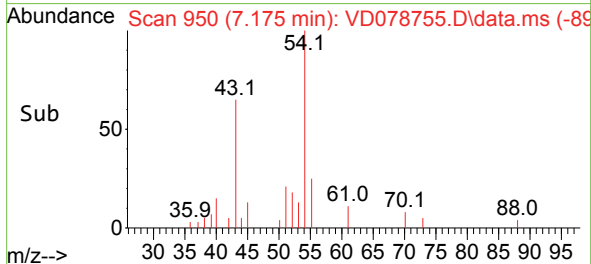
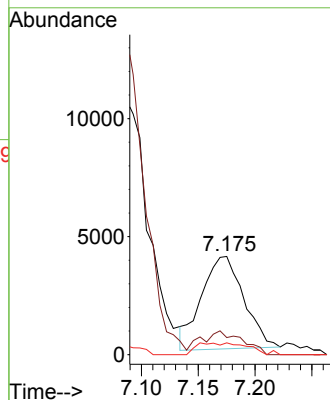
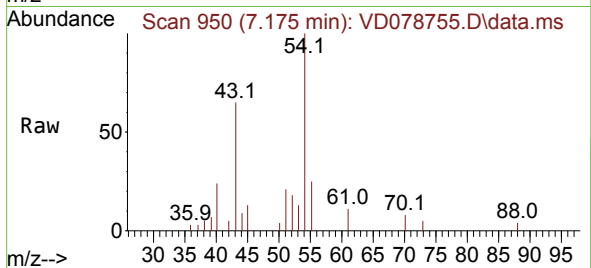
Tgt Ion: 43 Resp: 10146

Ion Ratio Lower Upper

43 100

61 25.0 14.6 21.8#

70 0.0 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 20.222 ug/l

RT: 7.998 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

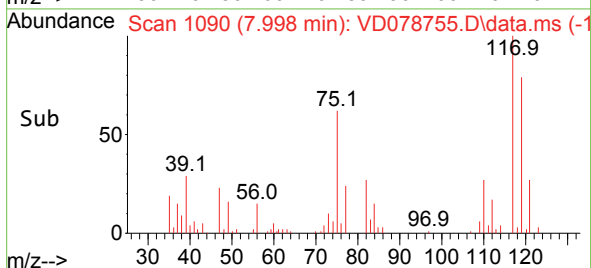
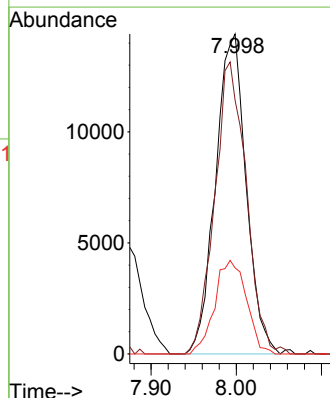
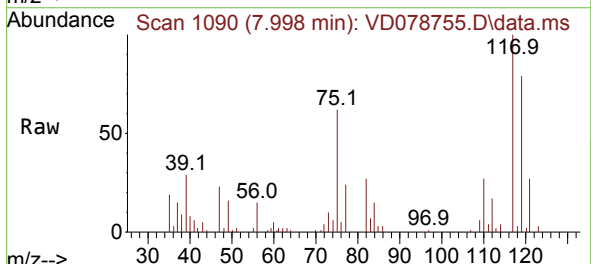
Tgt Ion: 117 Resp: 35871

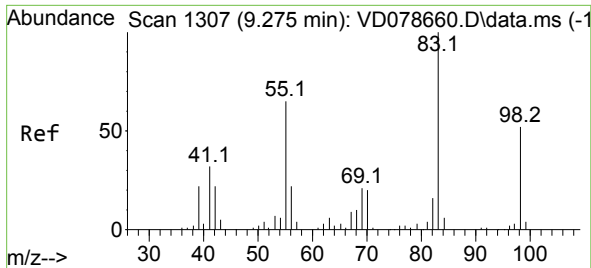
Ion Ratio Lower Upper

117 100

119 79.3 79.2 118.8

121 26.9 26.8 40.2

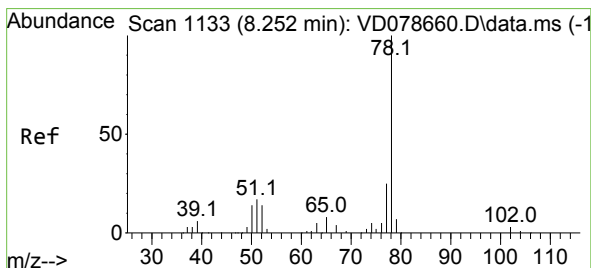
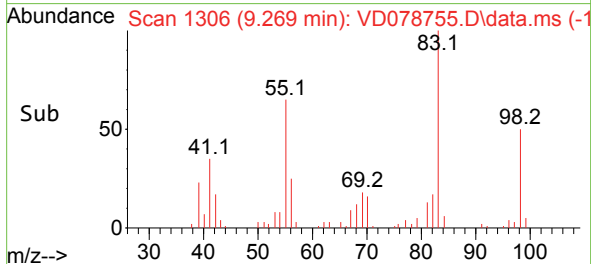
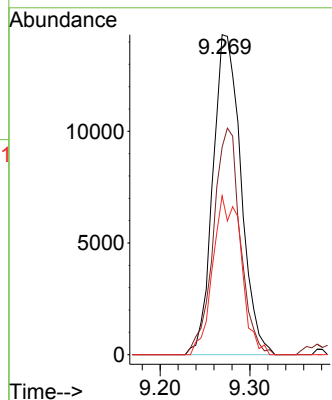
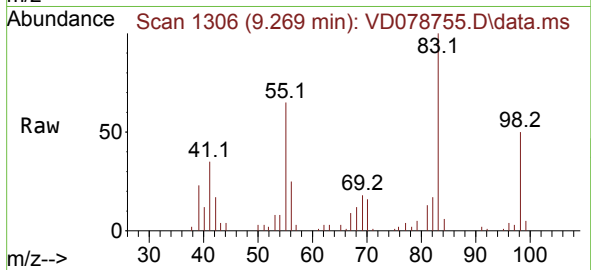




#39
Methylcyclohexane
Concen: 15.920 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

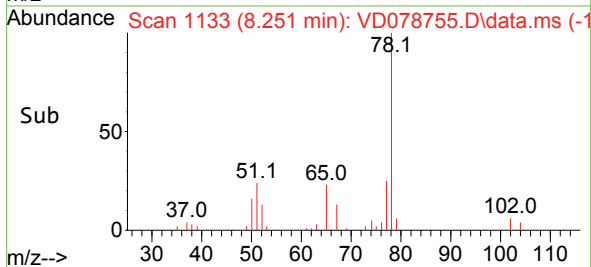
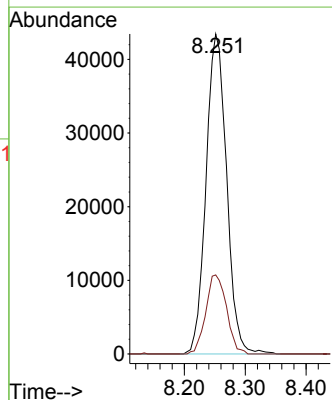
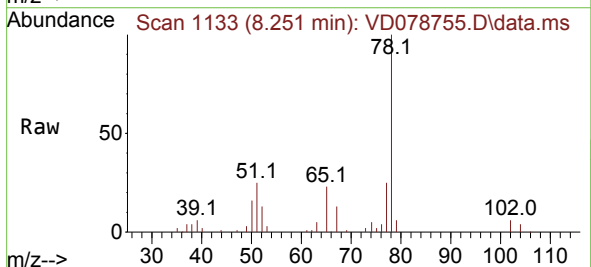
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

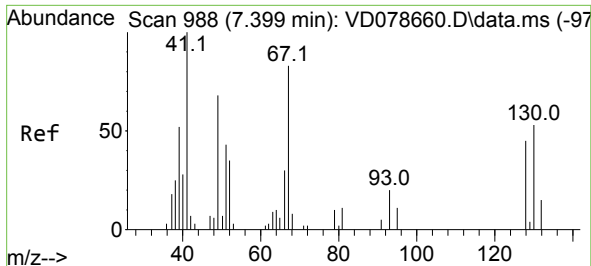
Tgt Ion: 83 Resp: 31075
Ion Ratio Lower Upper
83 100
55 64.8 51.7 77.5
98 49.7 41.4 62.0



#40
Benzene
Concen: 20.052 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion: 78 Resp: 101992
Ion Ratio Lower Upper
78 100
77 24.7 20.4 30.6

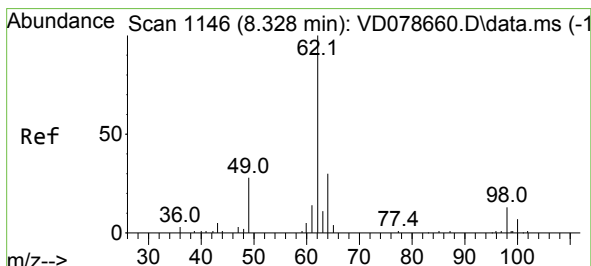
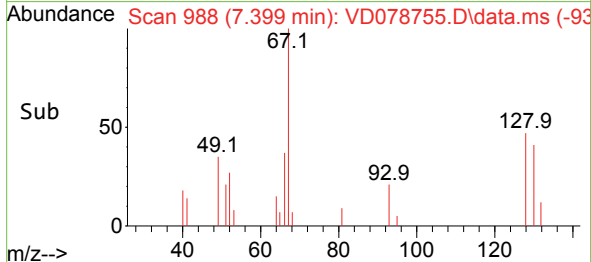
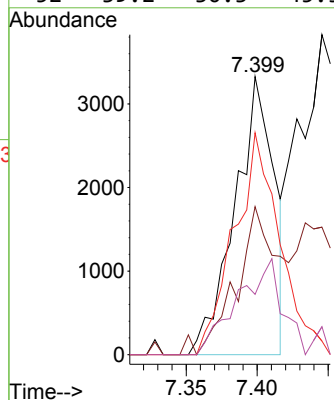
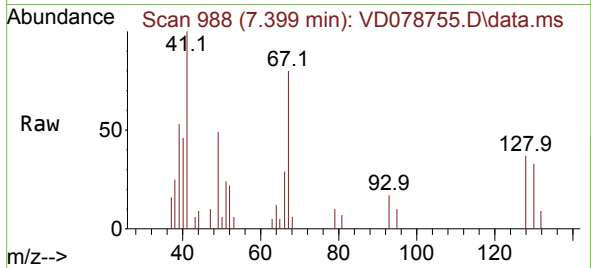




#41
Methacrylonitrile
Concen: 22.179 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

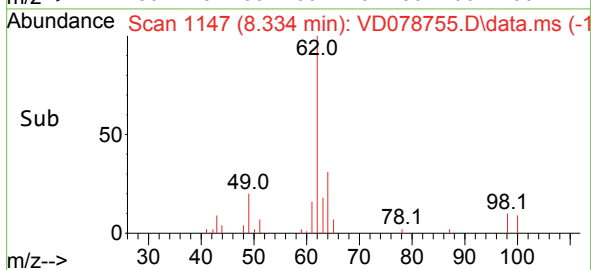
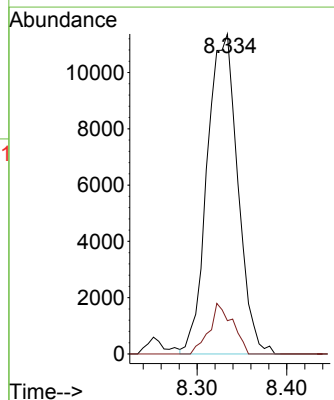
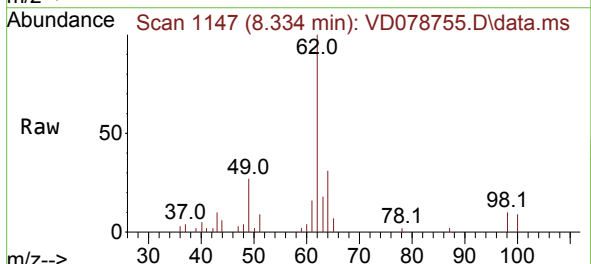
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

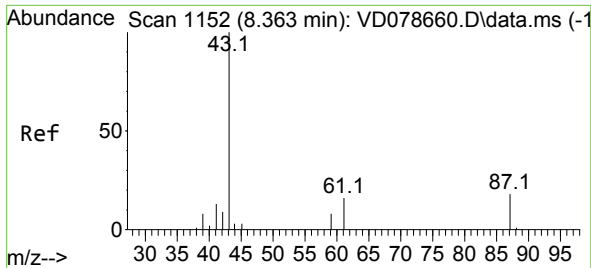
Tgt Ion:	41	Resp:	6389
Ion	Ratio	Lower	Upper
41	100		
39	58.6	39.8	59.6
67	92.3	83.5	125.3
52	39.2	30.3	45.5



#42
1,2-Dichloroethane
Concen: 21.683 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion:	62	Resp:	26896
Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	23.8

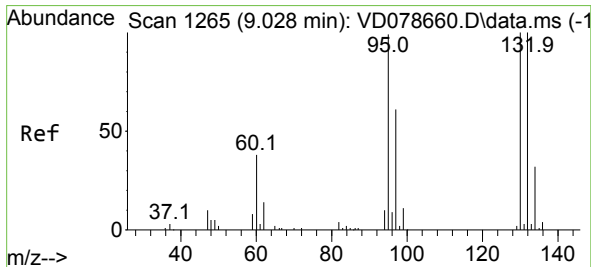
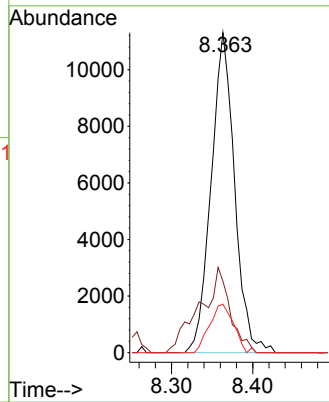
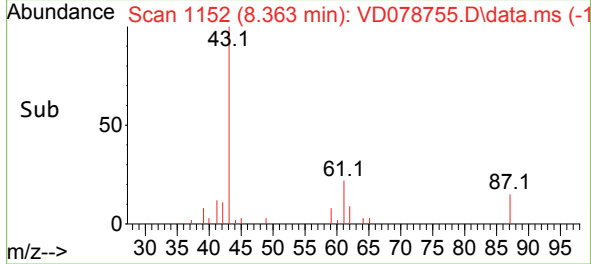
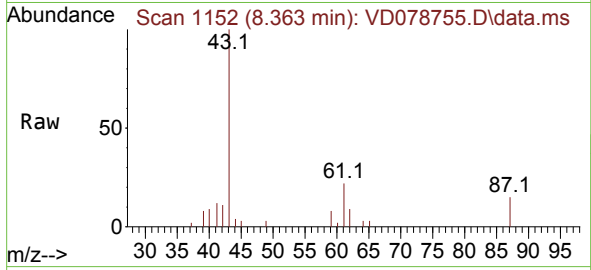




#43
Isopropyl Acetate
Concen: 22.722 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

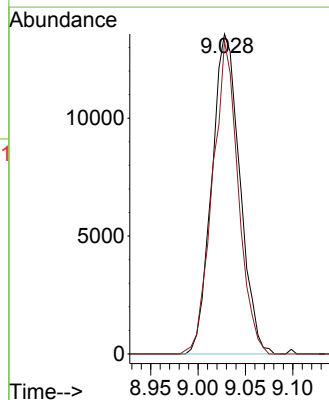
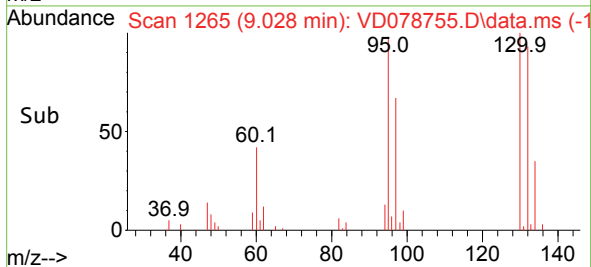
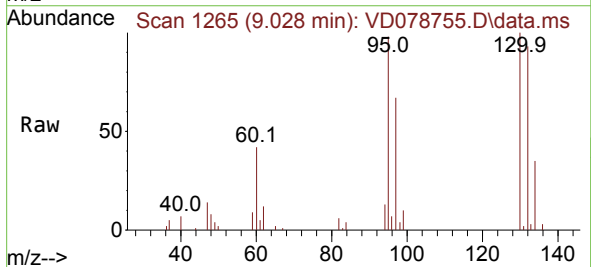
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

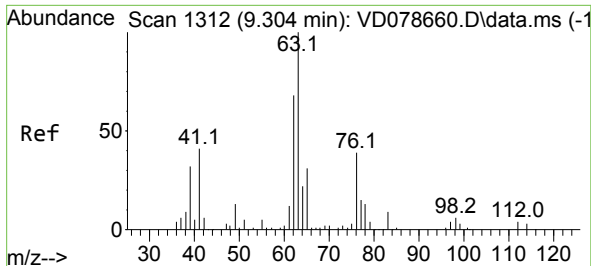
Tgt Ion: 43	Resp: 22715
Ion Ratio	Lower Upper
43 100	
61 34.5	30.1 45.1
87 15.6	14.4 21.6



#44
Trichloroethene
Concen: 20.251 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt	Ion:130	Resp:	27953
Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	197.8

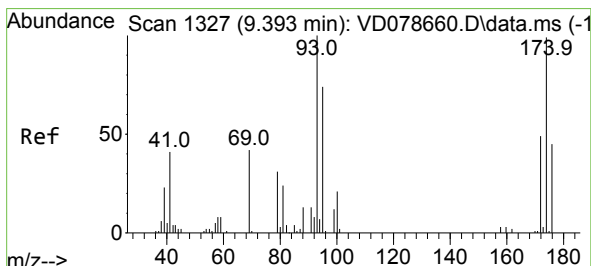
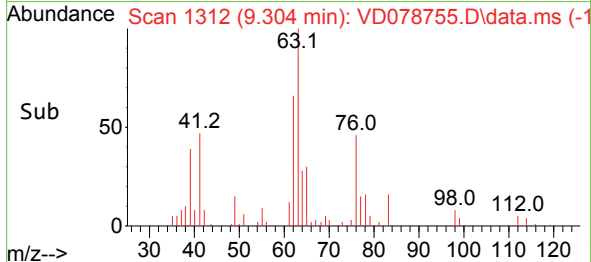
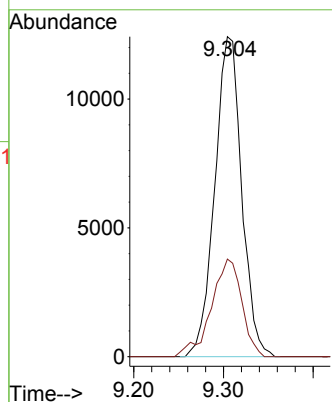
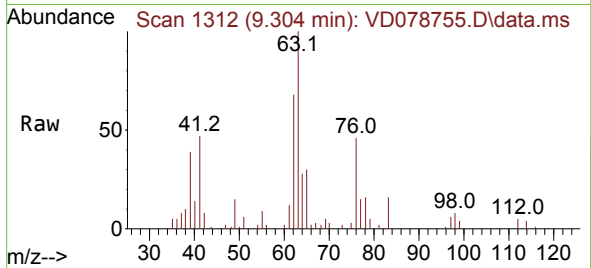




#45
1,2-Dichloropropane
Concen: 21.426 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

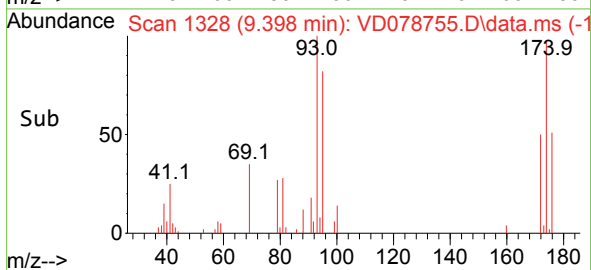
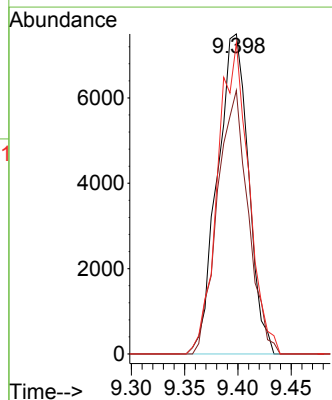
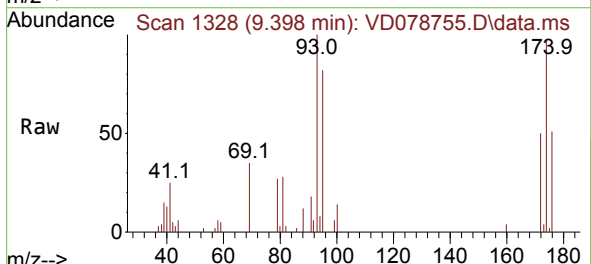
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

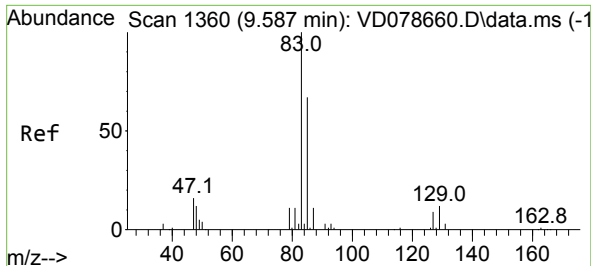
Tgt Ion: 63 Resp: 25853
Ion Ratio Lower Upper
63 100
65 30.5 24.8 37.2



#46
Dibromomethane
Concen: 21.027 ug/l
RT: 9.398 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion: 93 Resp: 15209
Ion Ratio Lower Upper
93 100
95 81.4 67.3 100.9
174 97.3 80.9 121.3

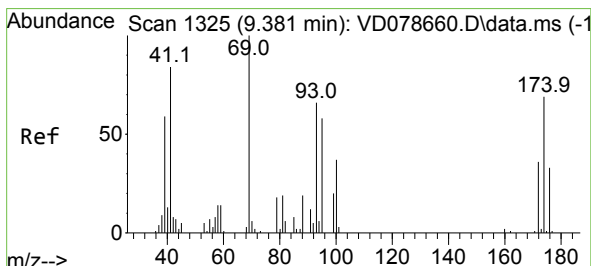
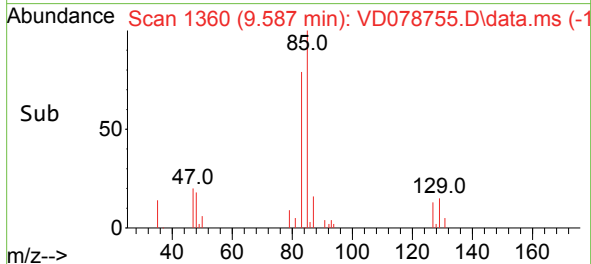
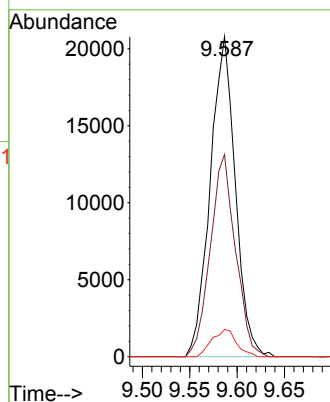
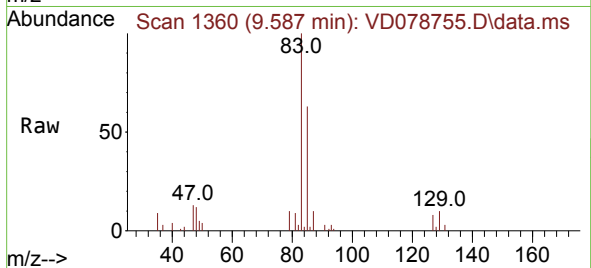




#47
Bromodichloromethane
Concen: 22.284 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

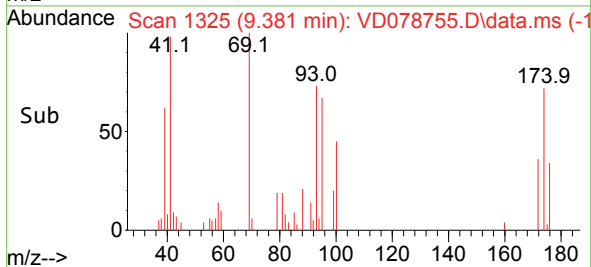
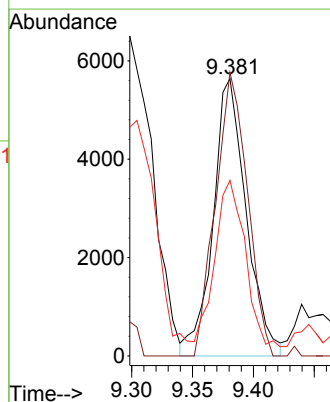
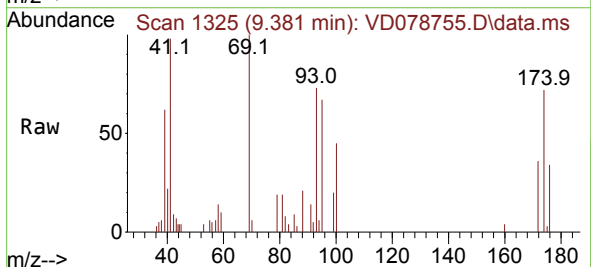
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

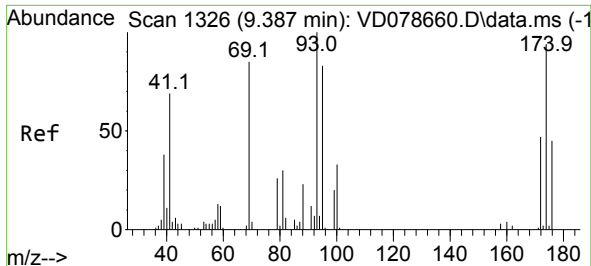
Tgt Ion: 83 Resp: 38370
Ion Ratio Lower Upper
83 100
85 63.2 54.0 81.0
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 21.924 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion: 41 Resp: 10679
Ion Ratio Lower Upper
41 100
69 98.1 88.3 132.5
39 61.6 46.6 69.8





#49

1,4-Dioxane

Concen: 436.021 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBSD01

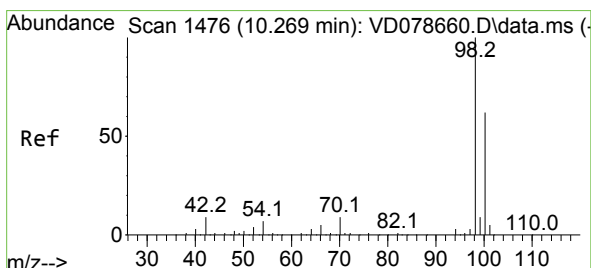
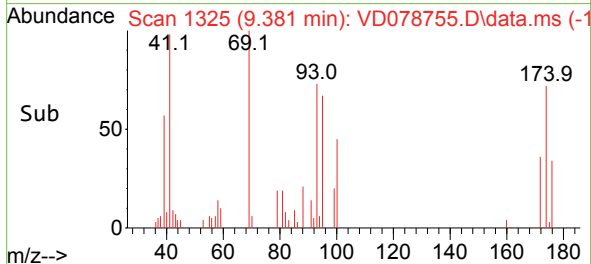
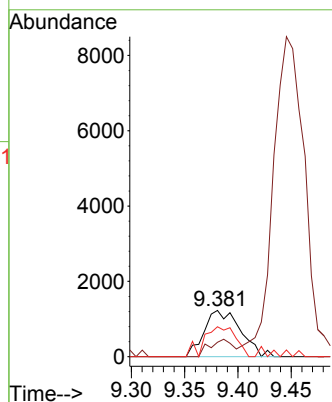
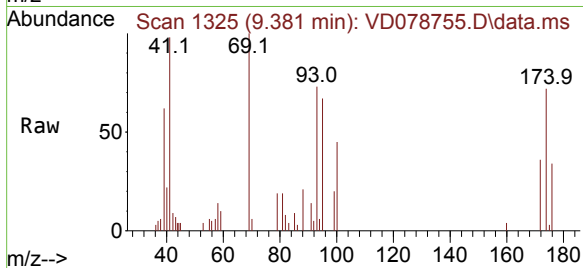
Tgt Ion: 88 Resp: 2920

Ion Ratio Lower Upper

88 100

43 23.9 23.2 34.8

58 56.5 51.0 76.6



#50

Toluene-d8

Concen: 50.293 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078755.D

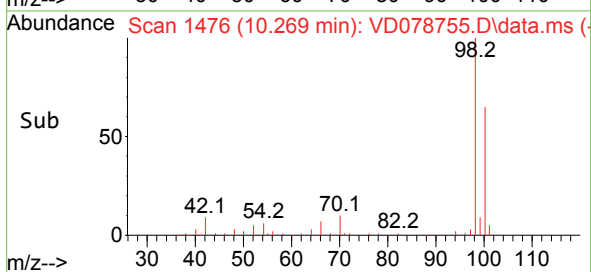
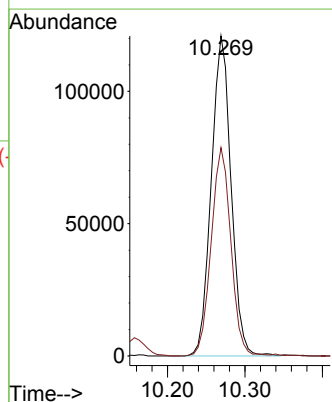
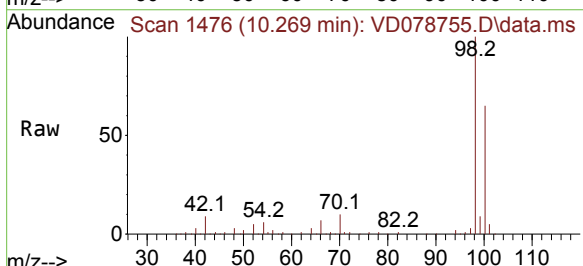
Acq: 27 Mar 2024 16:38

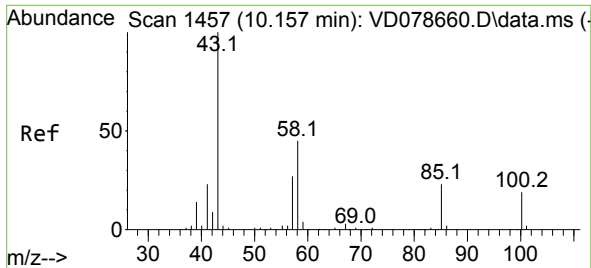
Tgt Ion: 98 Resp: 214502

Ion Ratio Lower Upper

98 100

100 64.7 50.5 75.7

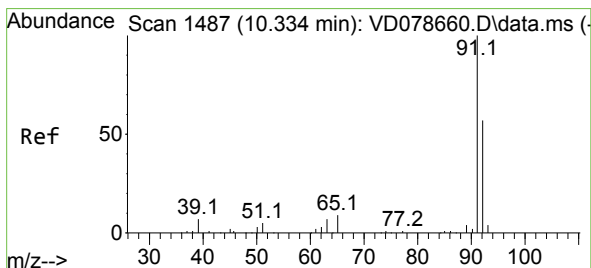
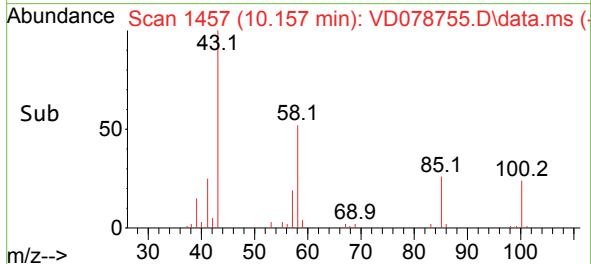
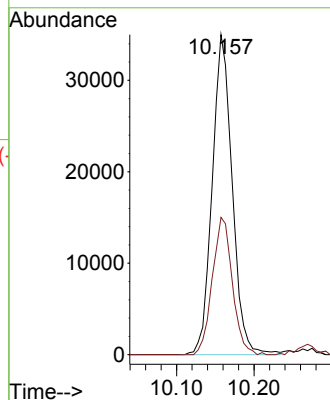
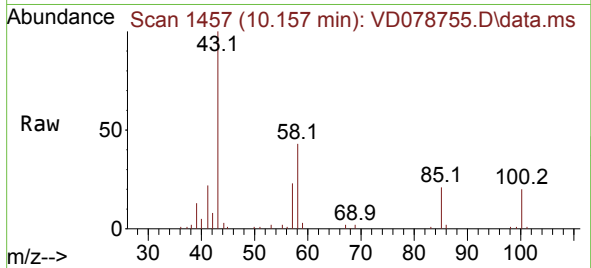




#51
4-Methyl-2-Pentanone
Concen: 119.973 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

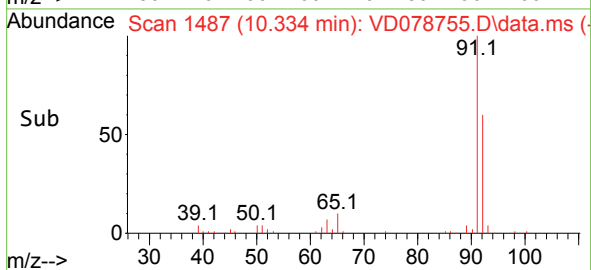
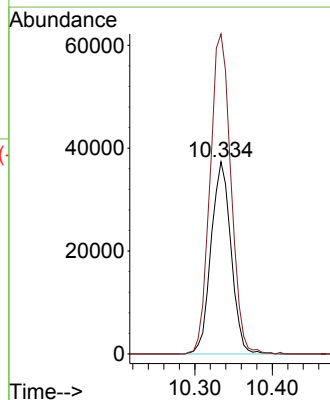
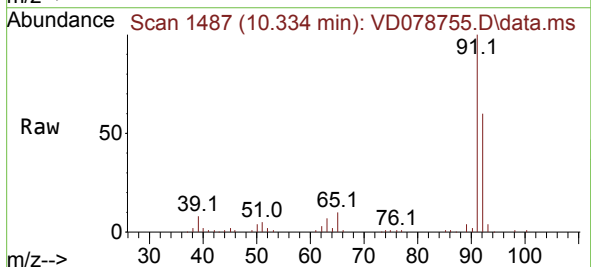
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

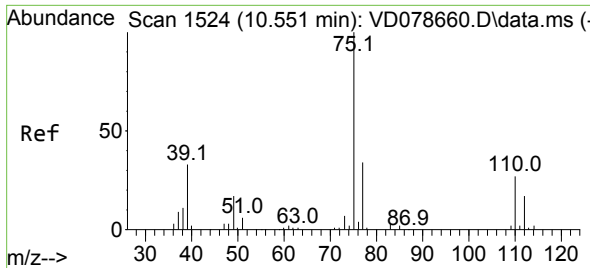
Tgt Ion: 43 Resp: 62701
Ion Ratio Lower Upper
43 100
58 43.0 36.4 54.6



#52
Toluene
Concen: 20.380 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion: 92 Resp: 66738
Ion Ratio Lower Upper
92 100
91 174.3 136.6 205.0

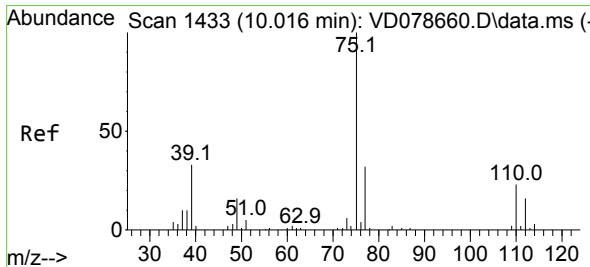
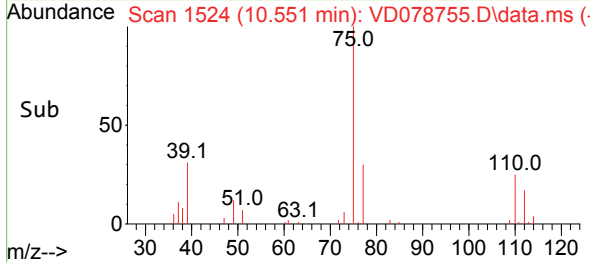
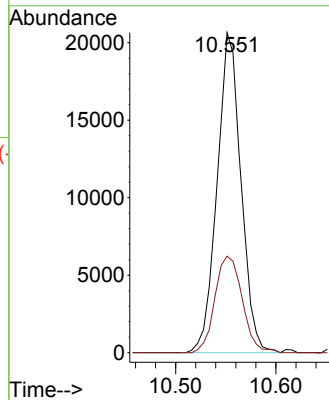
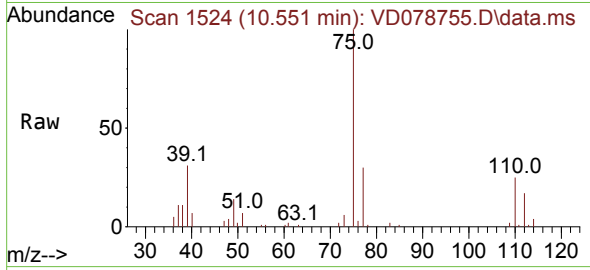




#53
 t-1,3-Dichloropropene
 Concen: 21.637 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD078755.D
 Acq: 27 Mar 2024 16:38

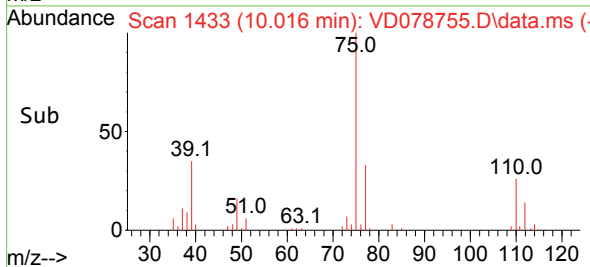
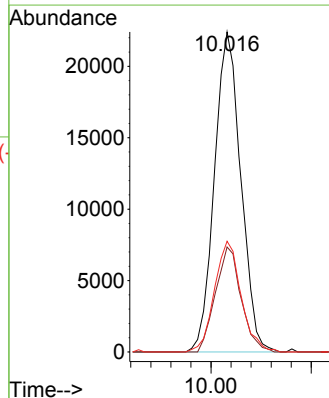
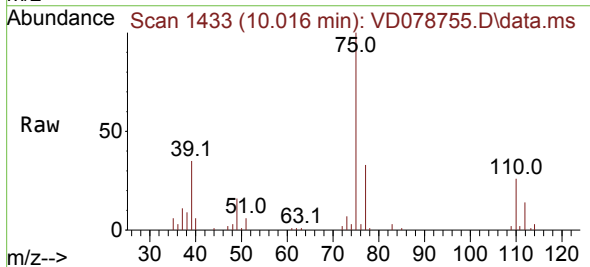
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBS01

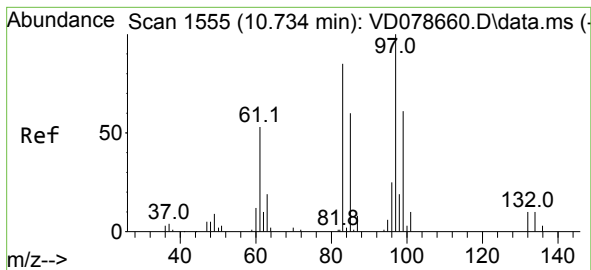
Tgt Ion: 75 Resp: 34064
 Ion Ratio Lower Upper
 75 100
 77 30.2 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 21.587 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078755.D
 Acq: 27 Mar 2024 16:38

Tgt Ion: 75 Resp: 40855
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0
 39 34.6 26.7 40.1

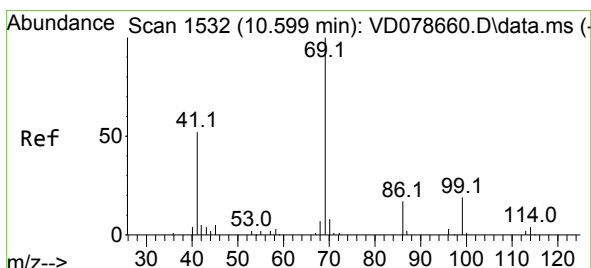
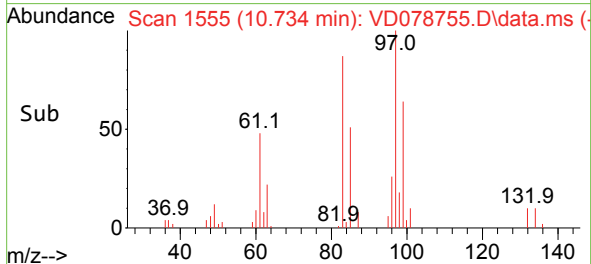
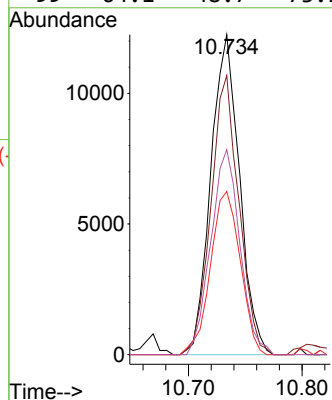
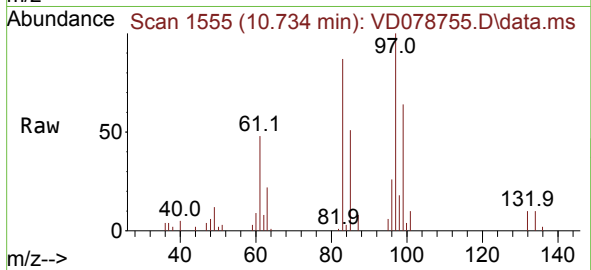




#55
1,1,2-Trichloroethane
Concen: 22.202 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

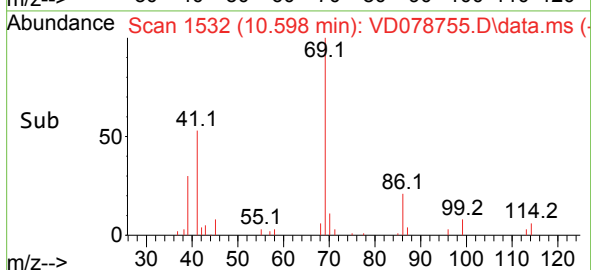
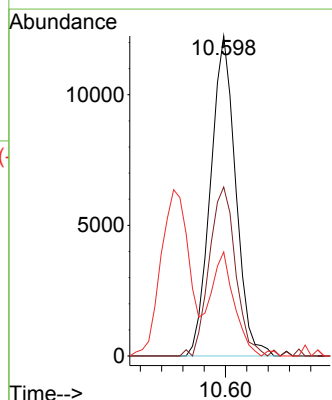
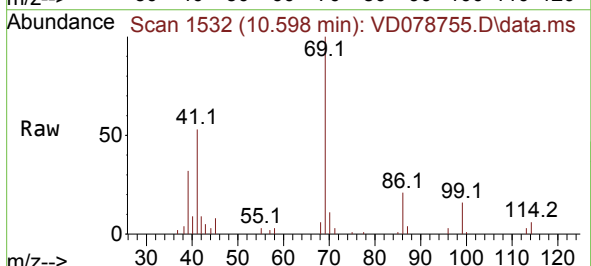
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

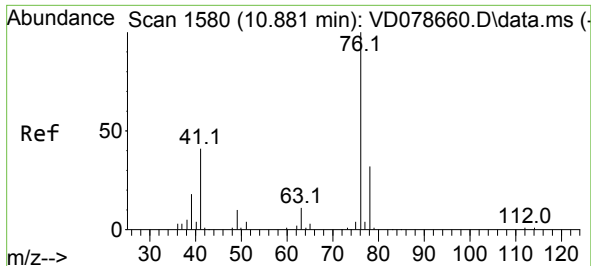
Tgt Ion:	97	Resp:	21504
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.1	102.1
85	51.0	48.2	72.2
99	64.1	48.7	73.1



#56
Ethyl methacrylate
Concen: 20.657 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion:	69	Resp:	20058
Ion	Ratio	Lower	Upper
69	100		
41	55.3	40.9	61.3
39	30.8	25.5	38.3





#57

1,3-Dichloropropane

Concen: 21.849 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

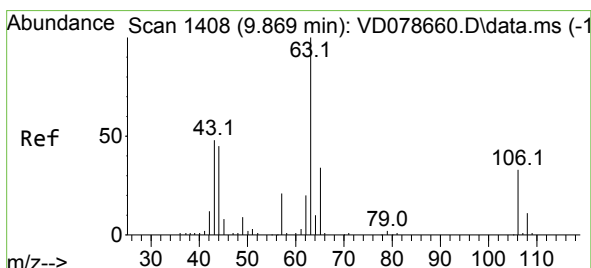
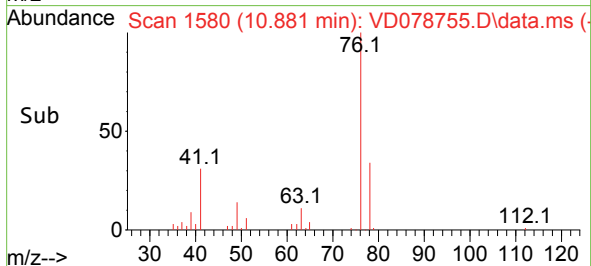
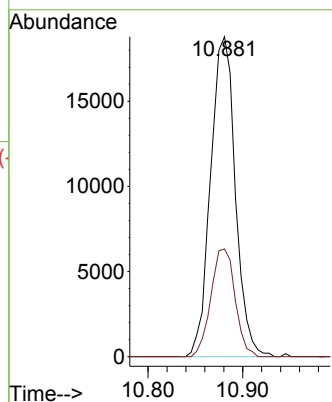
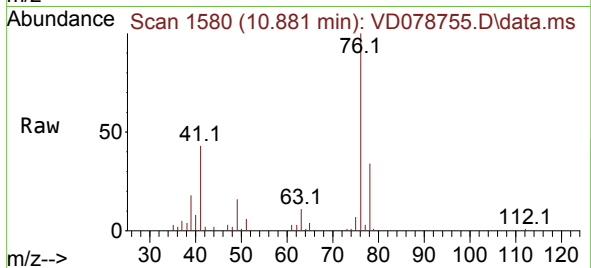
VD0327SBSD01

Tgt Ion: 76 Resp: 34148

Ion Ratio Lower Upper

76 100

78 32.9 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 103.834 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078755.D

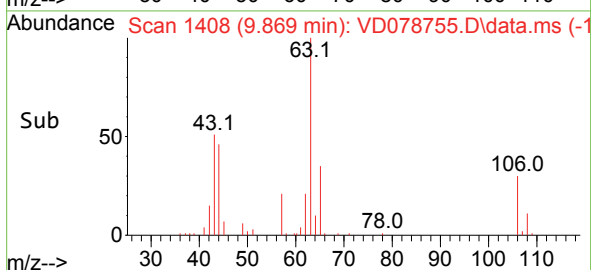
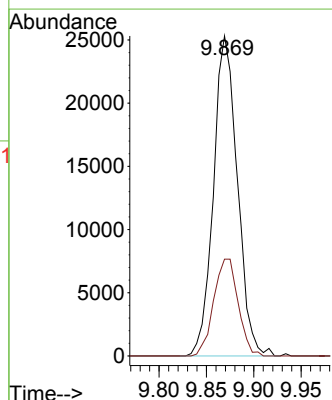
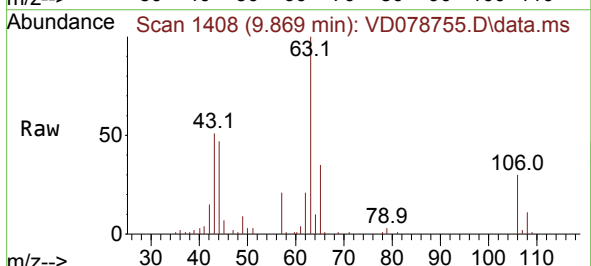
Acq: 27 Mar 2024 16:38

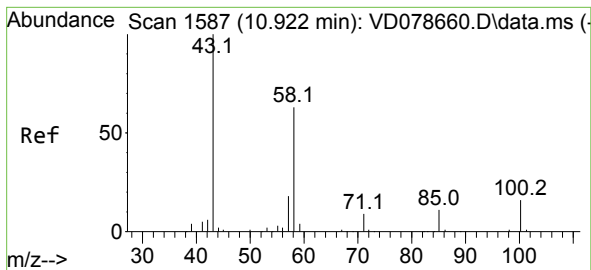
Tgt Ion: 63 Resp: 44456

Ion Ratio Lower Upper

63 100

106 30.9 25.2 37.8

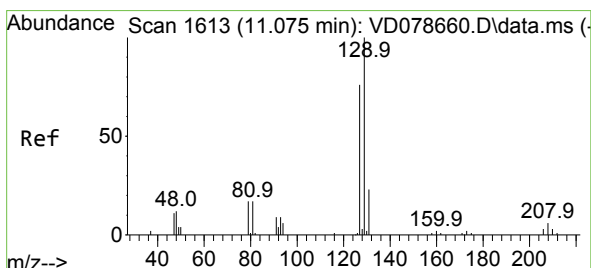
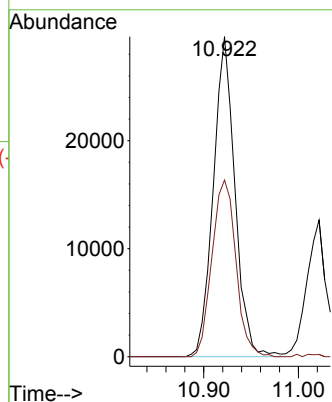
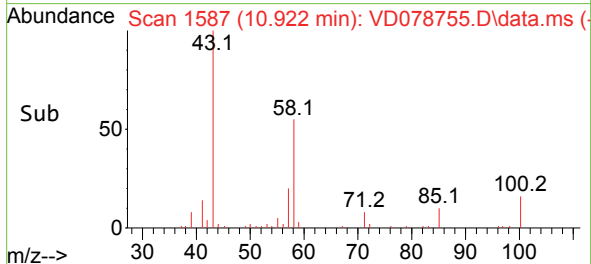
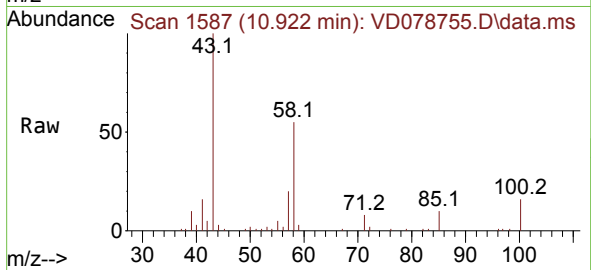




#59
2-Hexanone
Concen: 121.115 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

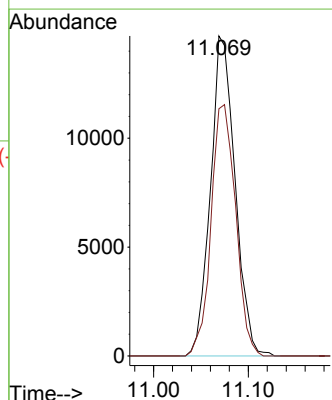
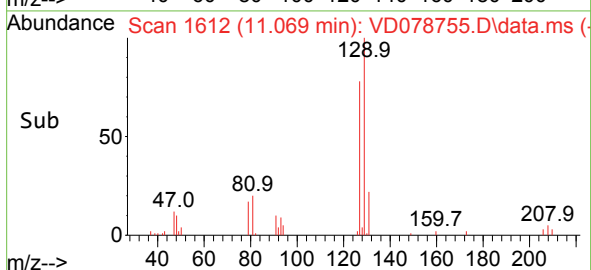
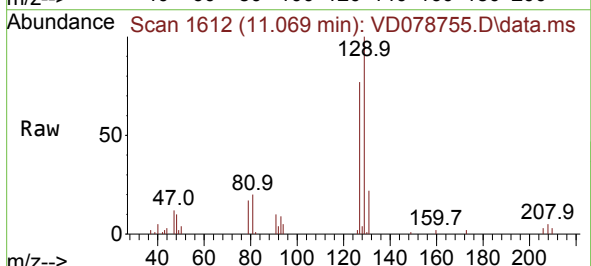
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

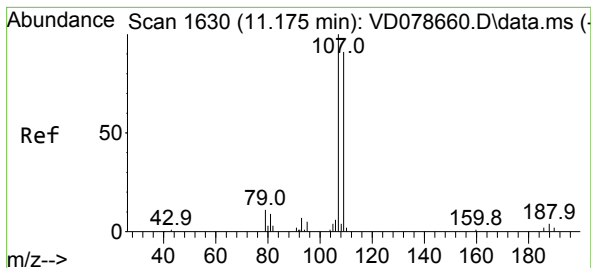
Tgt Ion: 43 Resp: 46923
Ion Ratio Lower Upper
43 100
58 61.1 31.5 94.5



#60
Dibromochloromethane
Concen: 22.225 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion: 129 Resp: 26547
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 21.369 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

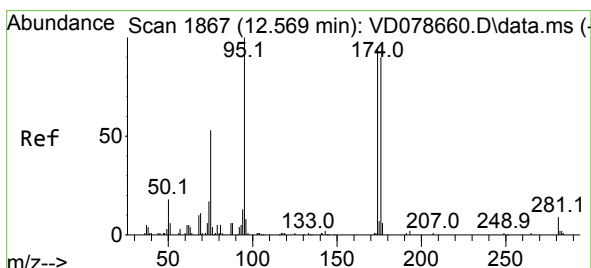
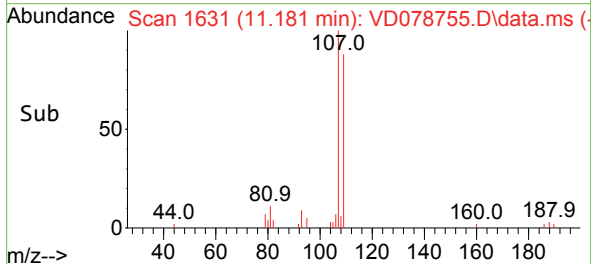
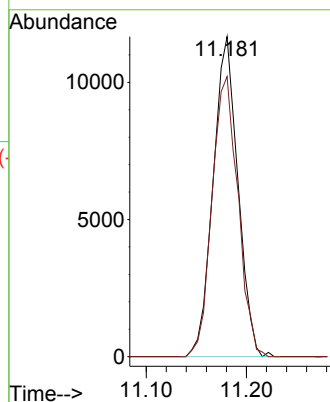
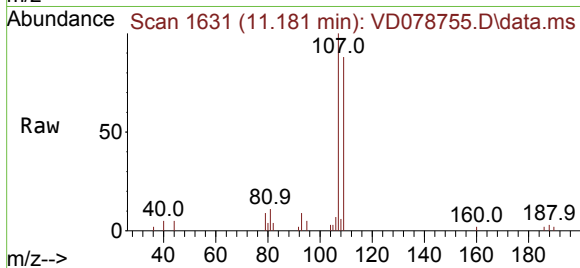
VD0327SBSD01

Tgt Ion:107 Resp: 20030

Ion Ratio Lower Upper

107 100

109 91.6 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 52.748 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

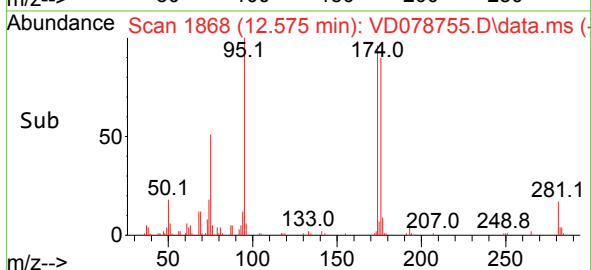
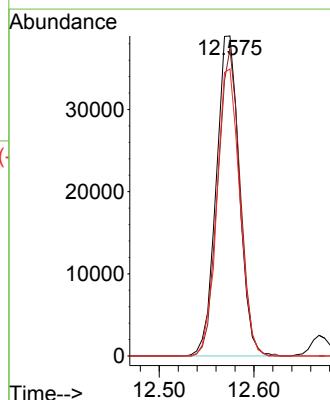
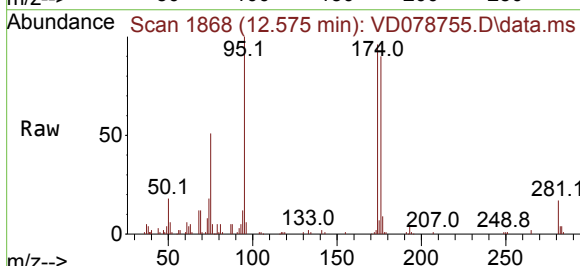
Tgt Ion: 95 Resp: 65816

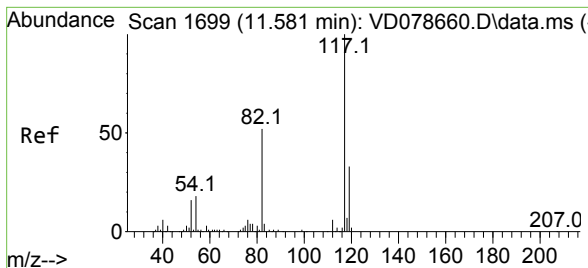
Ion Ratio Lower Upper

95 100

174 93.0 0.0 195.2

176 89.4 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

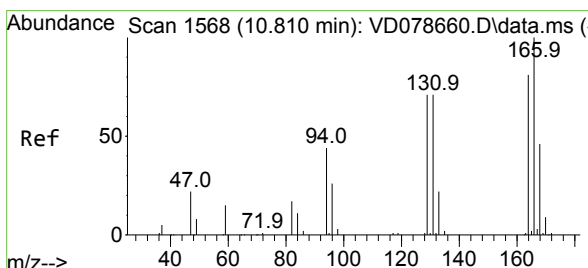
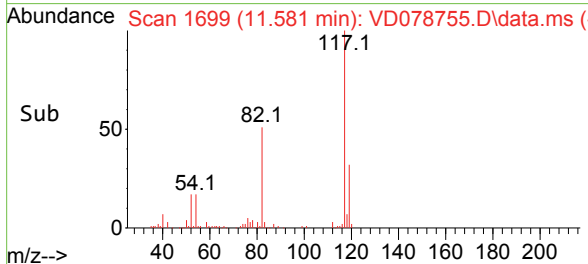
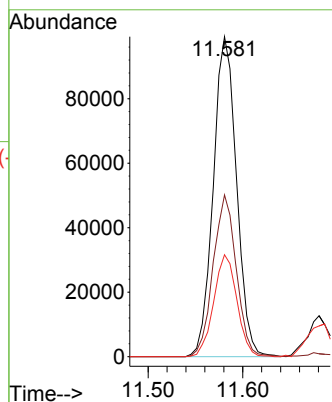
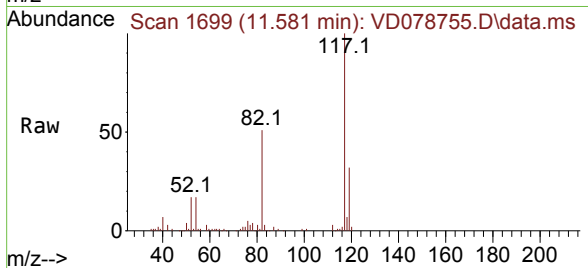
Tgt Ion:117 Resp: 169606

Ion Ratio Lower Upper

117 100

82 50.6 41.4 62.2

119 31.8 26.5 39.7



#64

Tetrachloroethene

Concen: 20.386 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Tgt Ion:164 Resp: 22881

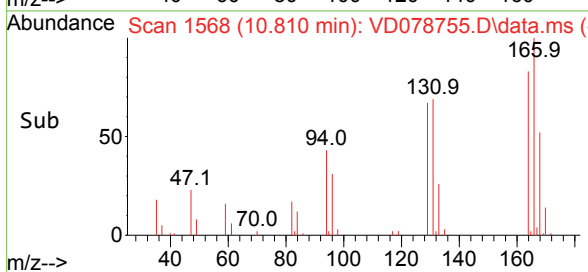
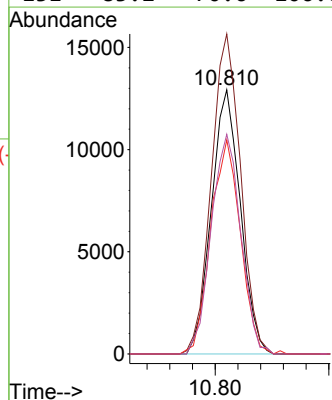
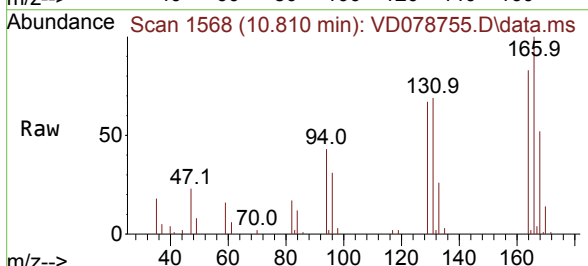
Ion Ratio Lower Upper

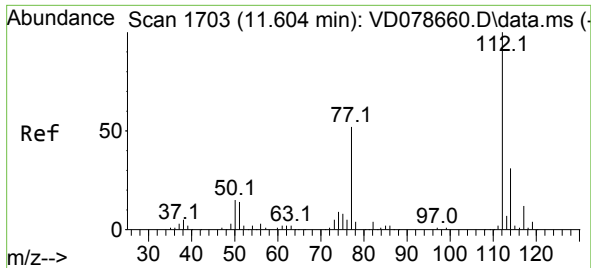
164 100

166 121.1 98.9 148.3

129 81.1 70.3 105.5

131 83.2 70.6 106.0

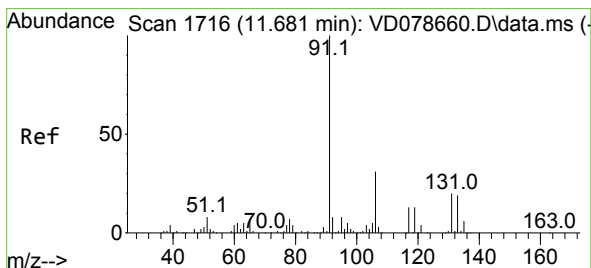
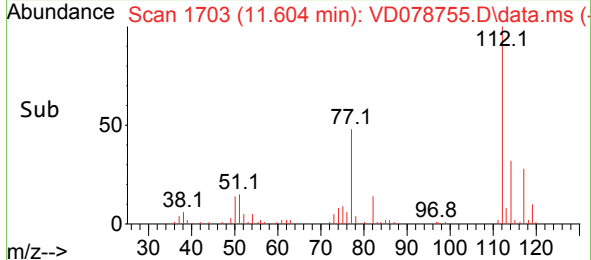
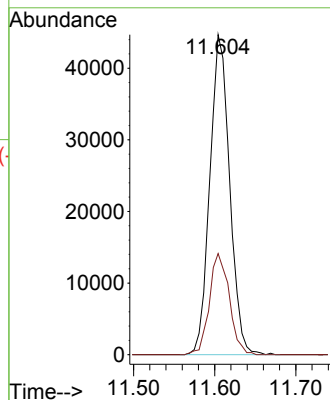
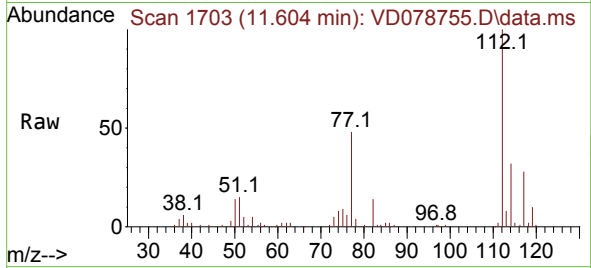




#65
Chlorobenzene
Concen: 21.342 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

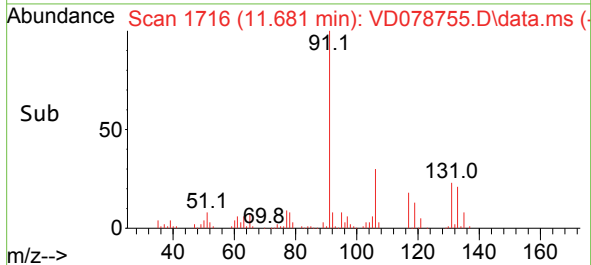
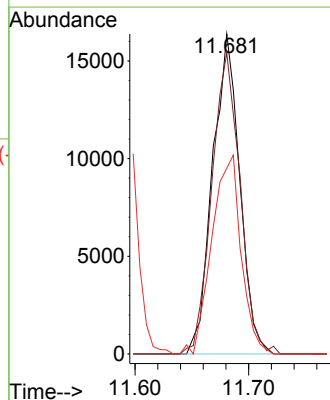
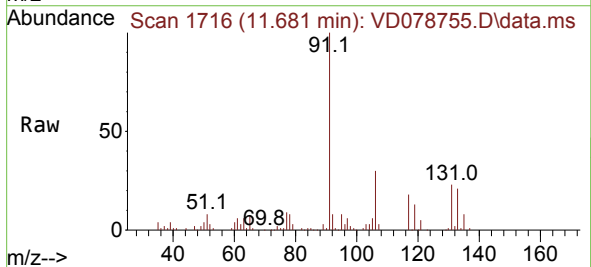
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

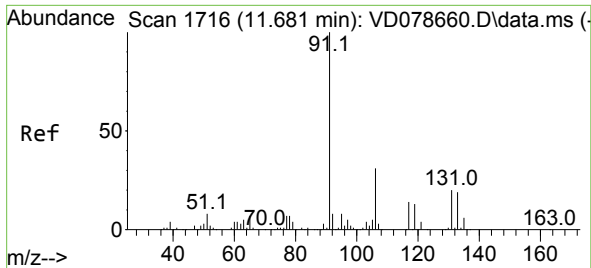
Tgt Ion:112 Resp: 75640
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.913 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion:131 Resp: 27145
Ion Ratio Lower Upper
131 100
133 97.9 47.6 142.9
119 66.9 34.1 102.3

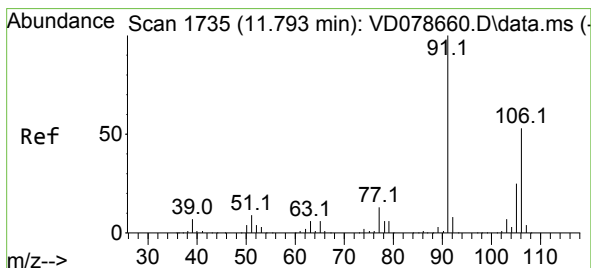
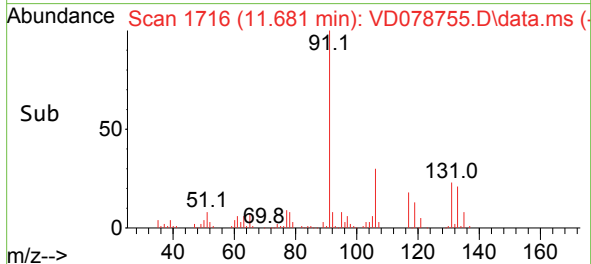
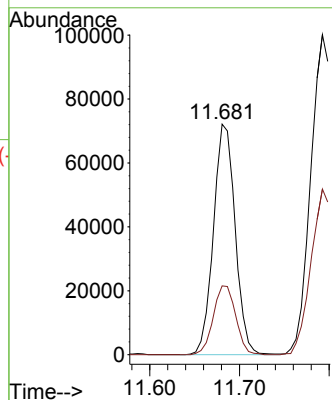
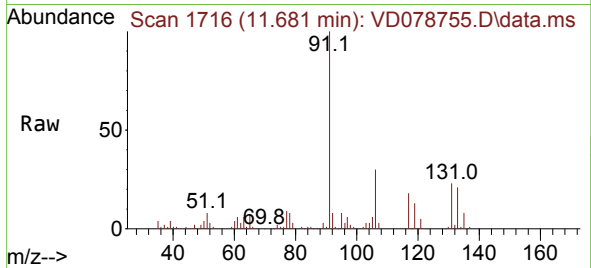




#67
Ethyl Benzene
Concen: 20.087 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

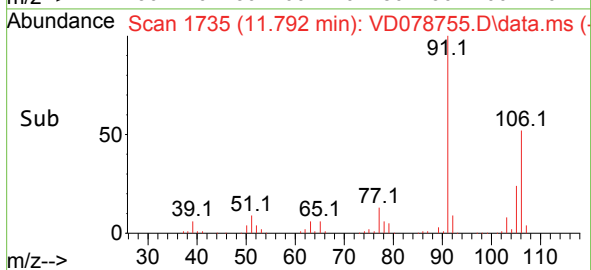
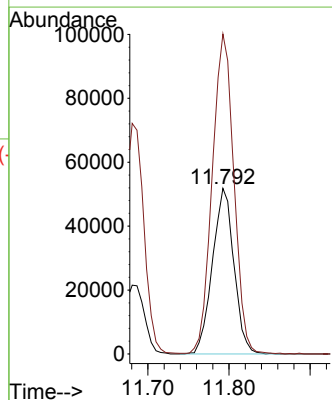
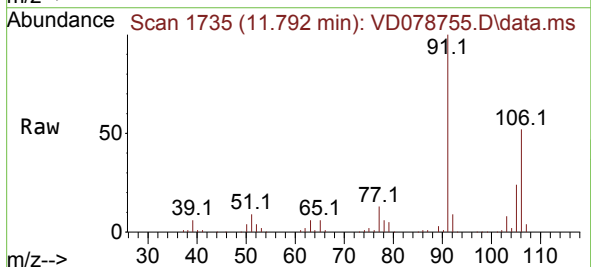
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

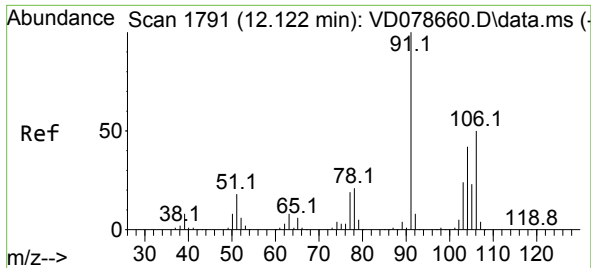
Tgt Ion: 91 Resp: 121316
Ion Ratio Lower Upper
91 100
106 29.8 24.5 36.7



#68
m/p-Xylenes
Concen: 38.863 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion:106 Resp: 95312
Ion Ratio Lower Upper
106 100
91 194.8 154.4 231.6

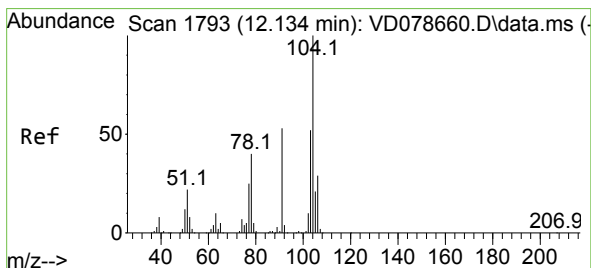
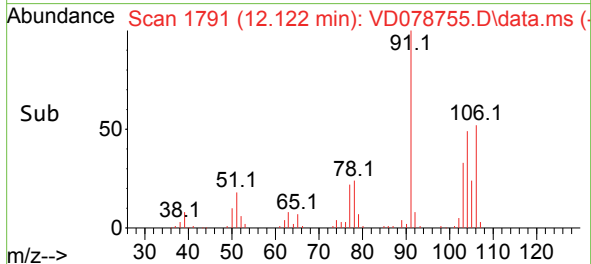
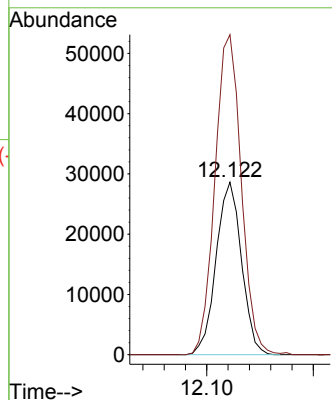
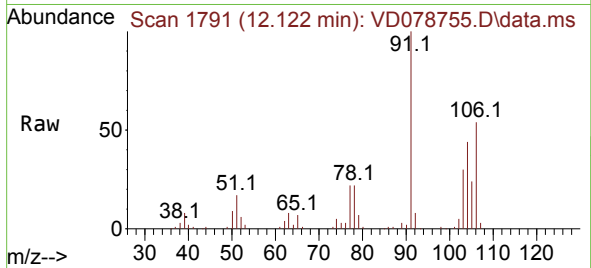




#69
o-Xylene
Concen: 20.869 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

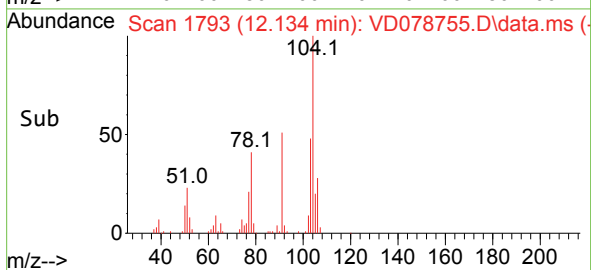
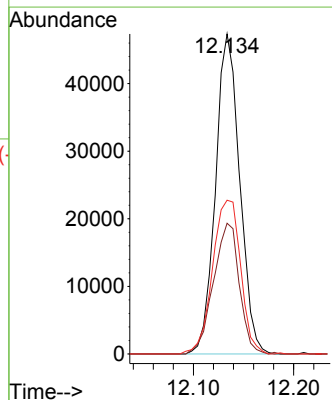
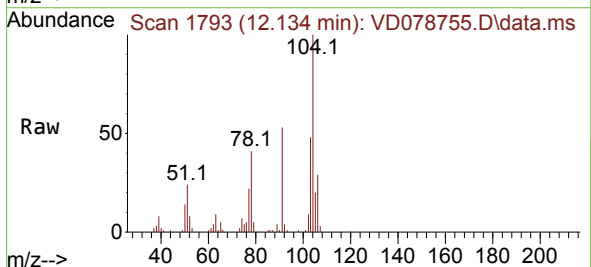
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

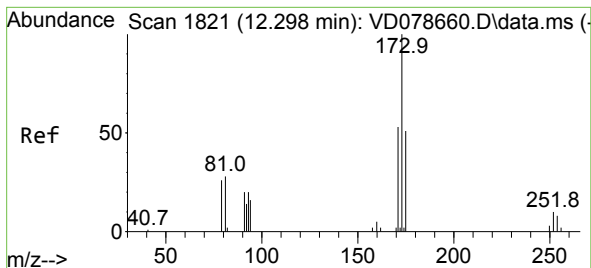
Tgt Ion:106 Resp: 47355
Ion Ratio Lower Upper
106 100
91 192.3 99.6 298.7



#70
Styrene
Concen: 20.799 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion:104 Resp: 79214
Ion Ratio Lower Upper
104 100
78 43.8 34.6 52.0
103 55.6 44.2 66.2





#71

Bromoform

Concen: 22.199 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBSD01

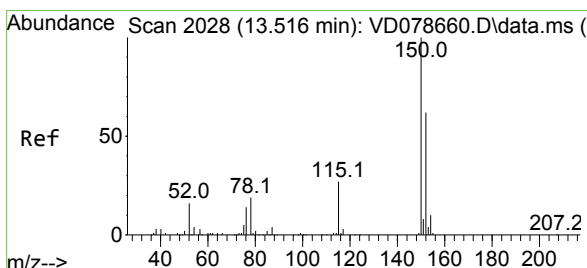
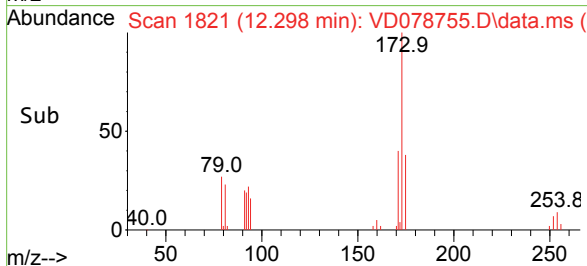
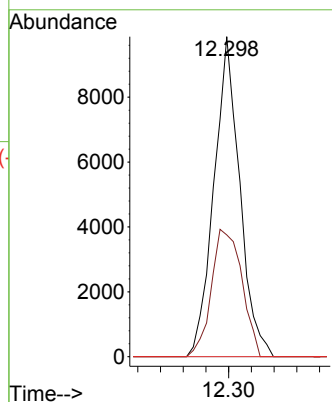
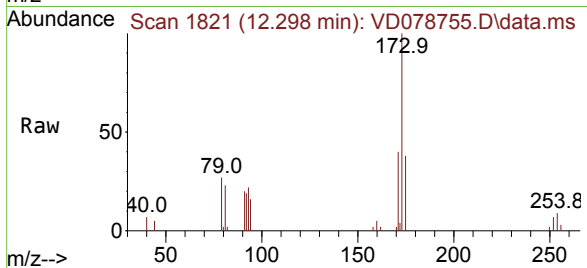
Tgt Ion:173 Resp: 15572

Ion Ratio Lower Upper

173 100

175 46.9 25.8 77.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

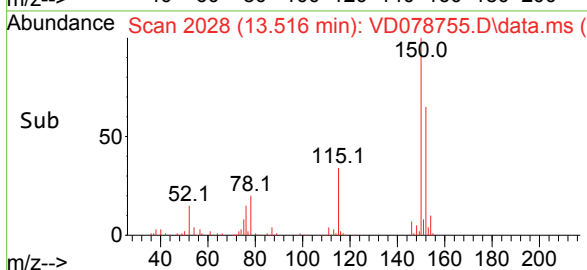
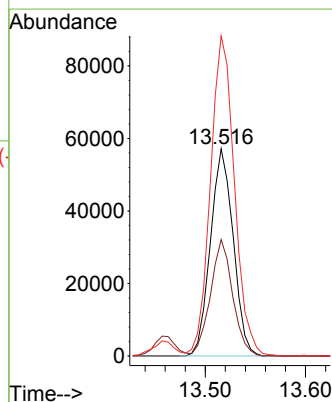
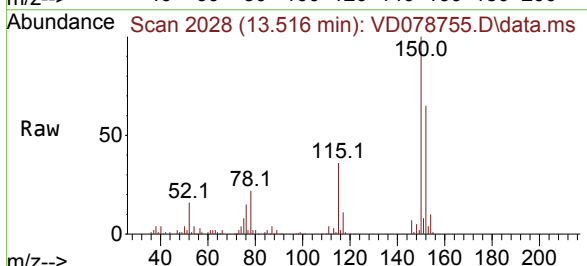
Tgt Ion:152 Resp: 90272

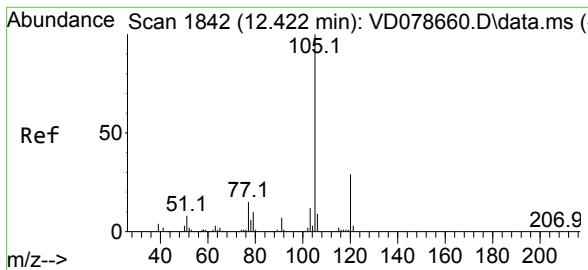
Ion Ratio Lower Upper

152 100

115 54.7 27.1 81.2

150 162.4 0.0 350.2

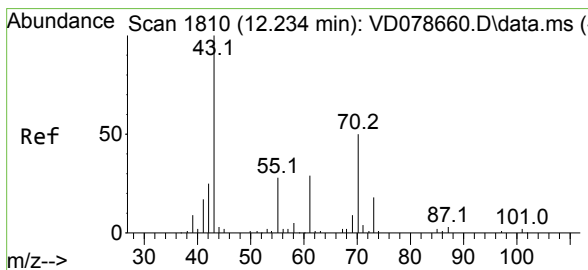
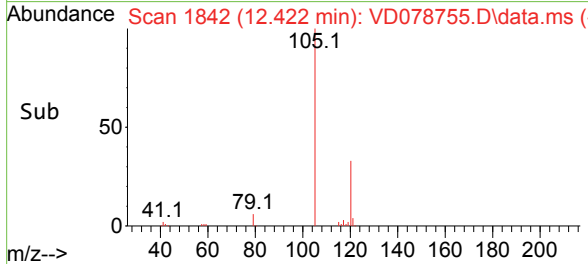
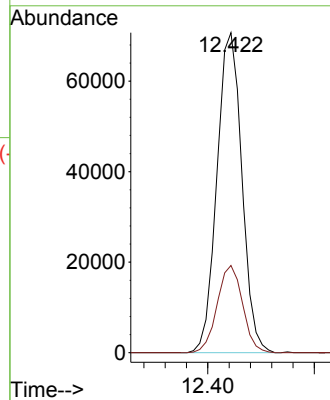
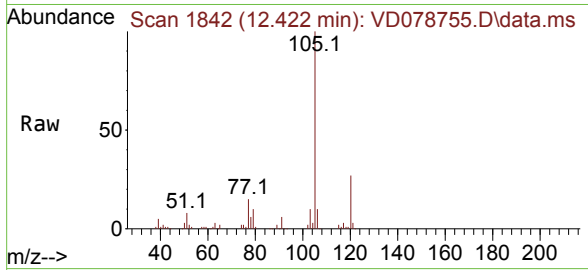




#73
Isopropylbenzene
Concen: 19.315 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

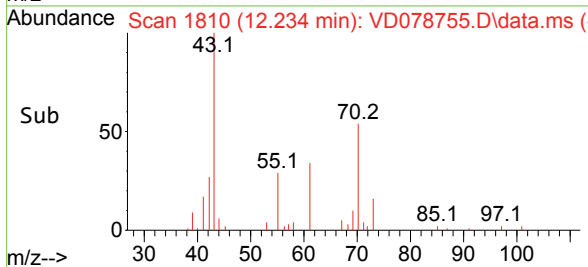
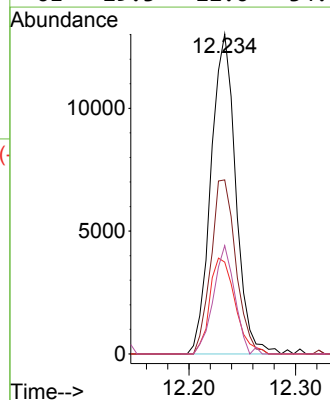
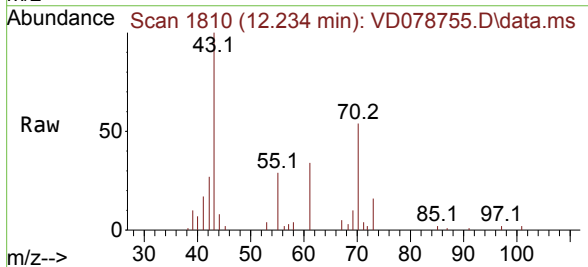
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

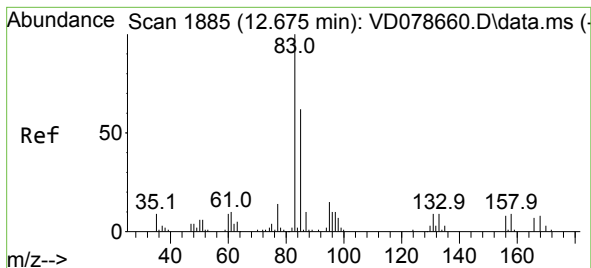
Tgt Ion:105 Resp: 114800
Ion Ratio Lower Upper
105 100
120 27.7 13.7 41.0



#74
N-ethyl acetate
Concen: 21.740 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion: 43 Resp: 20979
Ion Ratio Lower Upper
43 100
70 54.9 42.1 63.1
55 30.9 22.6 33.8
61 29.3 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.456 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBSD01

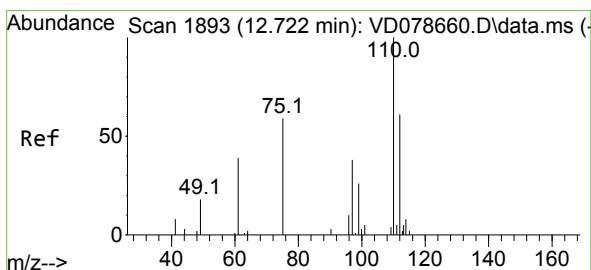
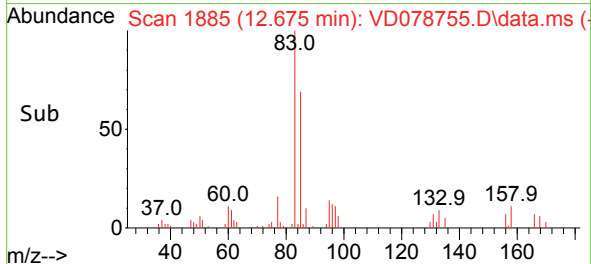
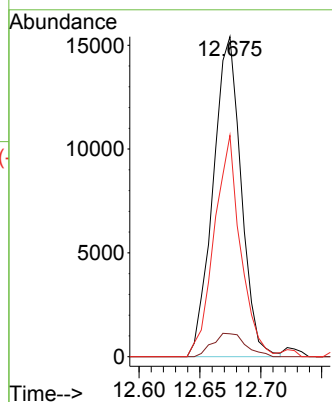
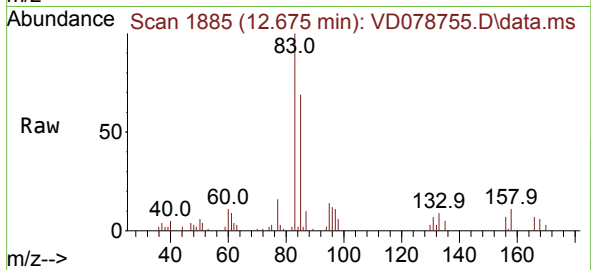
Tgt Ion: 83 Resp: 24707

Ion Ratio Lower Upper

83 100

131 8.6 4.9 14.7

85 65.0 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 40.284 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078755.D

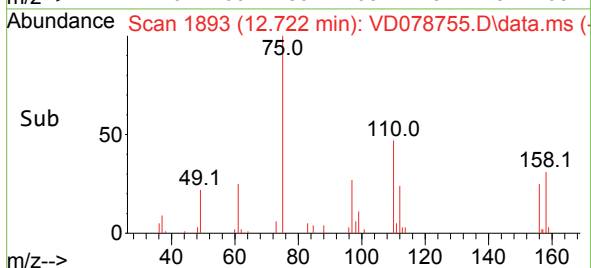
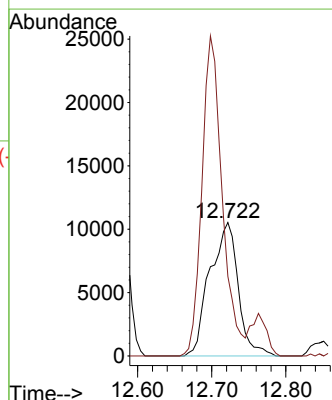
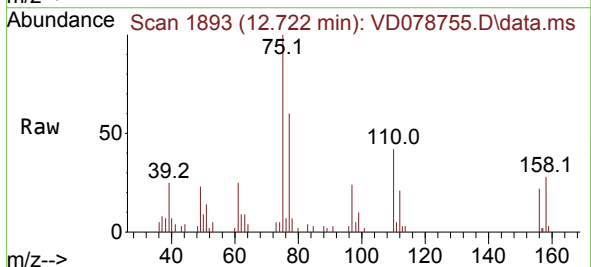
Acq: 27 Mar 2024 16:38

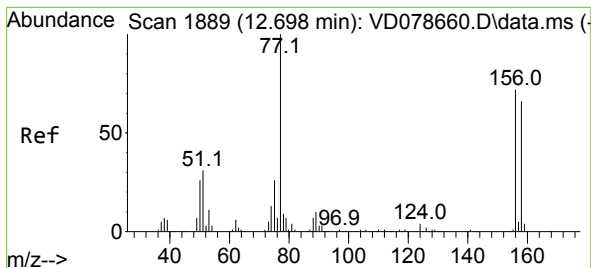
Tgt Ion: 75 Resp: 28017

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.662 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBSD01

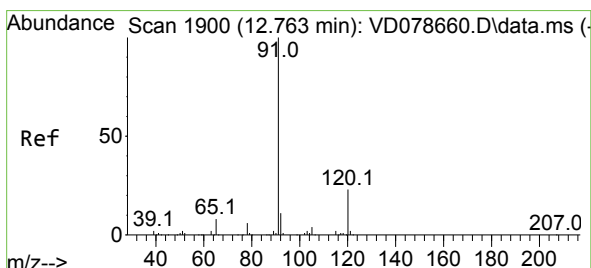
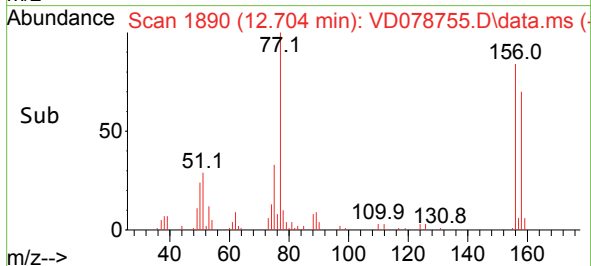
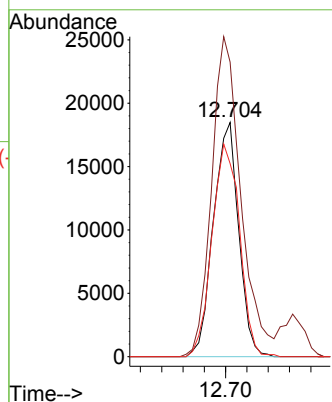
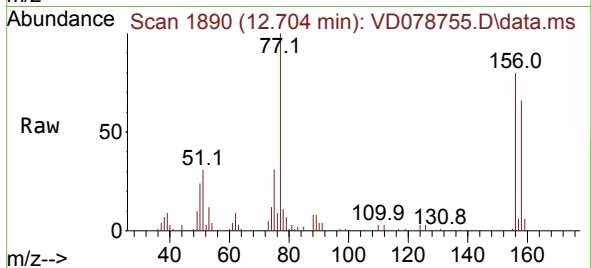
Tgt Ion:156 Resp: 30456

Ion Ratio Lower Upper

156 100

77 158.2 79.1 237.3

158 99.2 47.0 141.0



#78

n-propylbenzene

Concen: 19.912 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078755.D

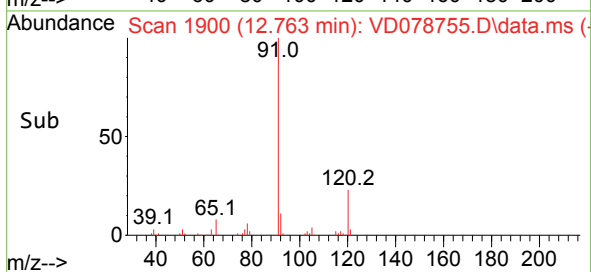
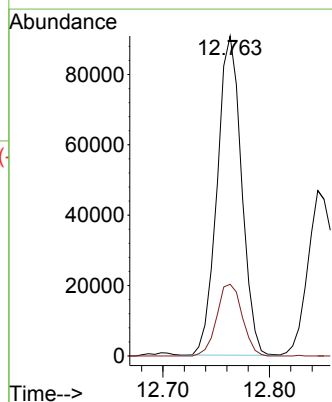
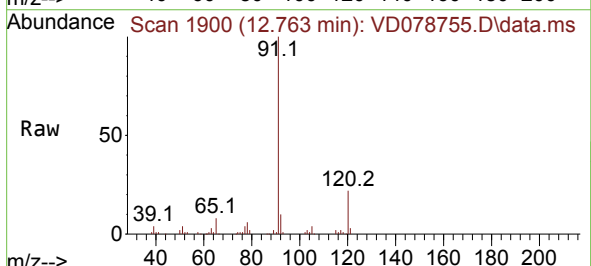
Acq: 27 Mar 2024 16:38

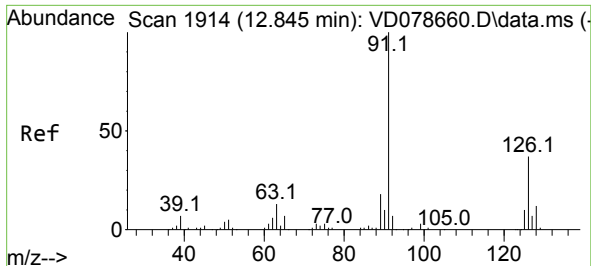
Tgt Ion: 91 Resp: 144059

Ion Ratio Lower Upper

91 100

120 23.4 11.7 35.1





#79

2-Chlorotoluene

Concen: 19.984 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

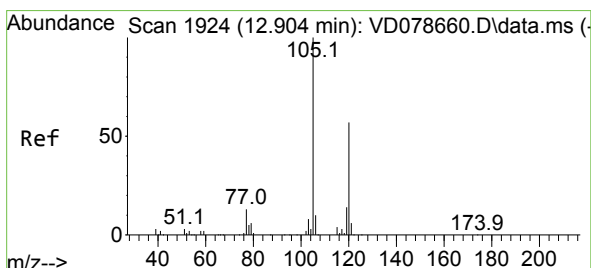
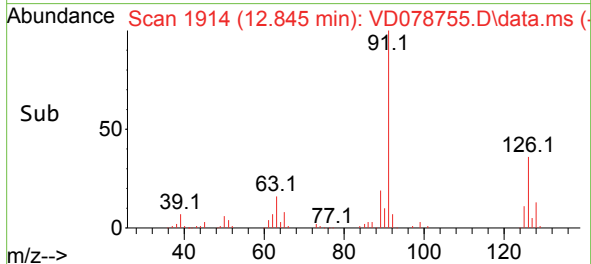
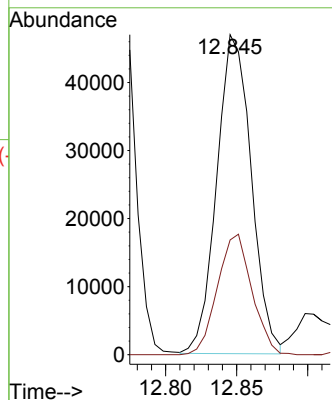
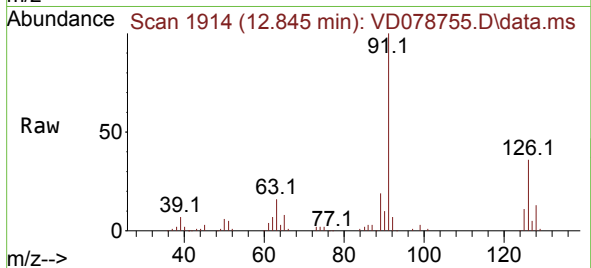
VD0327SBSD01

Tgt Ion: 91 Resp: 79314

Ion Ratio Lower Upper

91 100

126 37.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.864 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078755.D

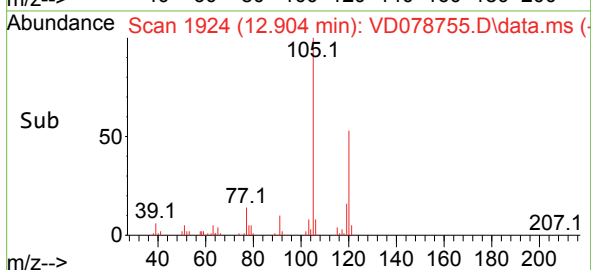
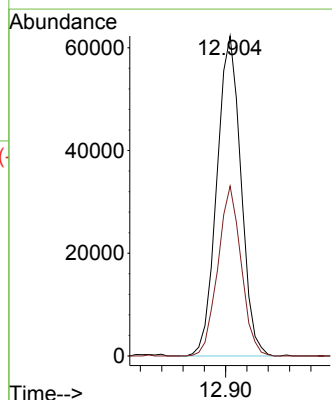
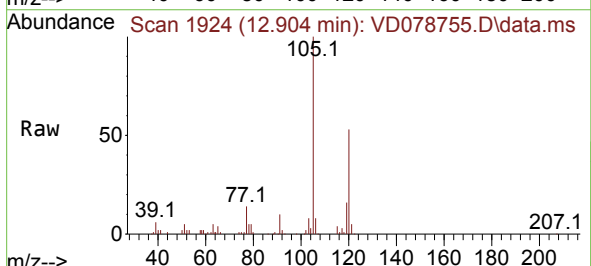
Acq: 27 Mar 2024 16:38

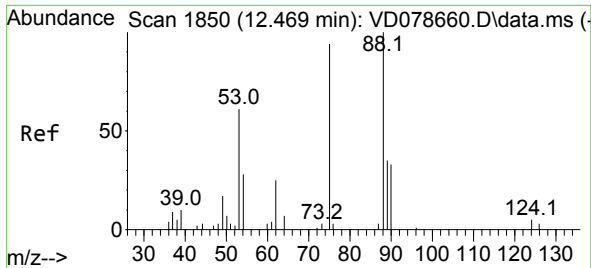
Tgt Ion: 105 Resp: 97630

Ion Ratio Lower Upper

105 100

120 51.3 25.9 77.7

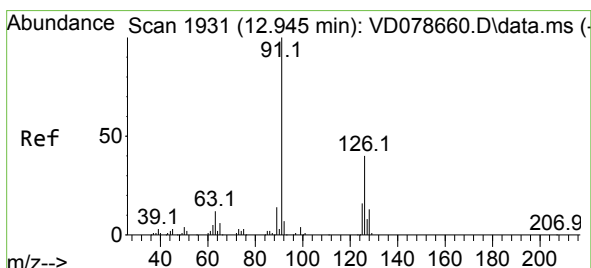
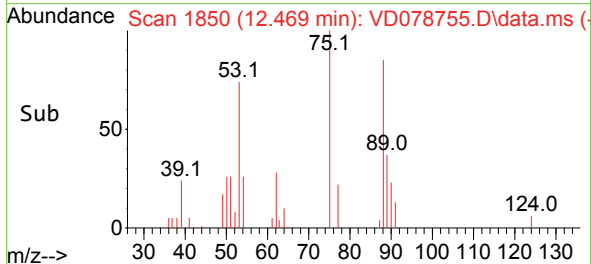
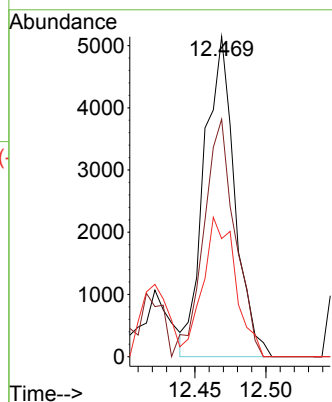
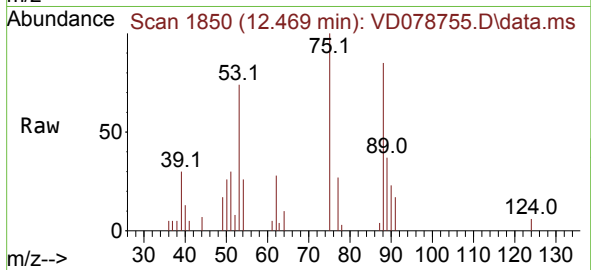




#81
trans-1,4-Dichloro-2-butene
Concen: 23.041 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

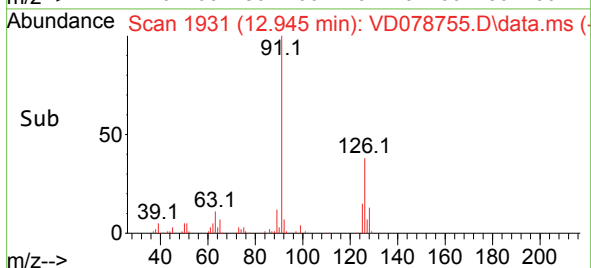
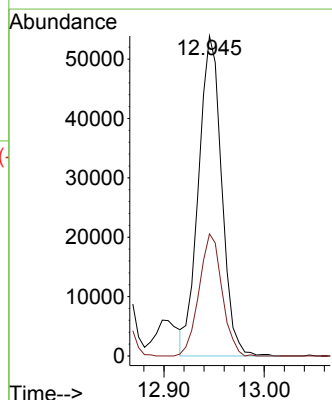
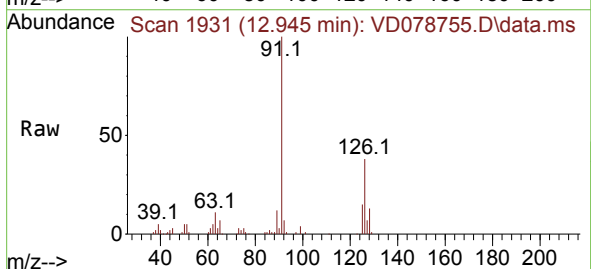
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

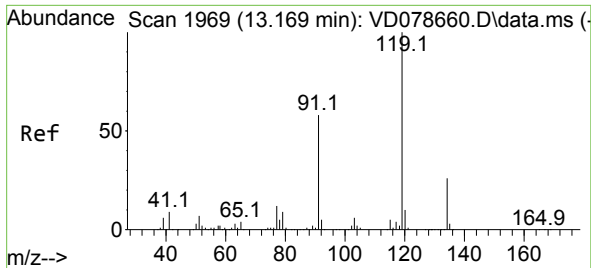
Tgt Ion:	75	Resp:	7645
Ion	Ratio	Lower	Upper
75	100		
53	76.6	61.0	91.6
89	46.9	35.4	53.0



#82
4-Chlorotoluene
Concen: 20.606 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion:	91	Resp:	86499
Ion	Ratio	Lower	Upper
91	100		
126	37.8	18.9	56.5

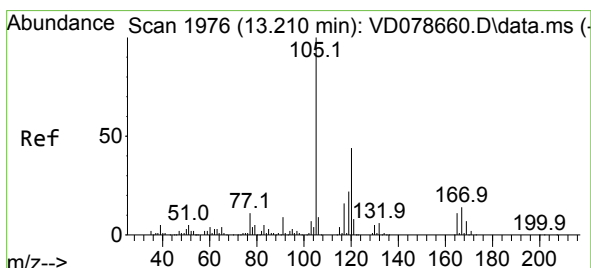
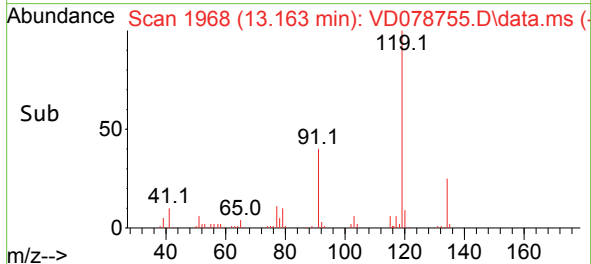
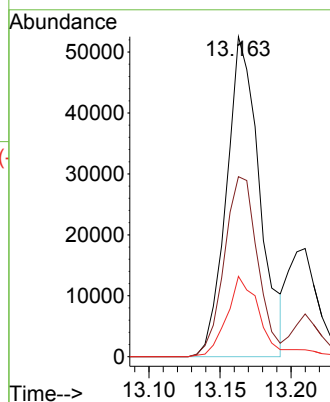
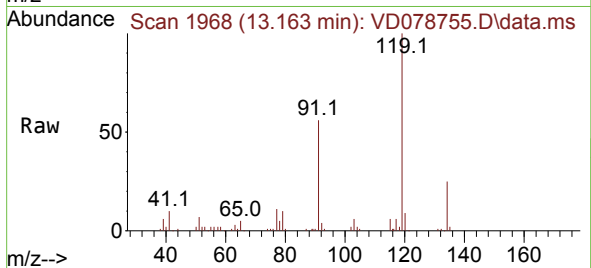




#83
 tert-Butylbenzene
 Concen: 20.100 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. -0.006 min
 Lab File: VD078755.D
 Acq: 27 Mar 2024 16:38

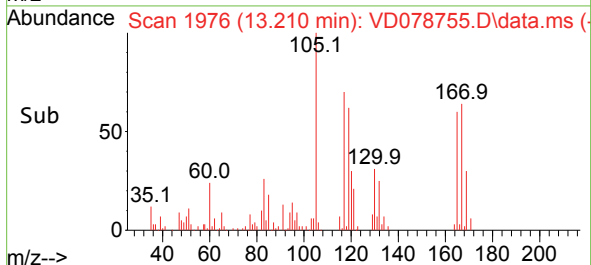
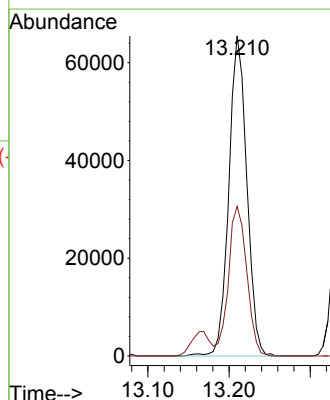
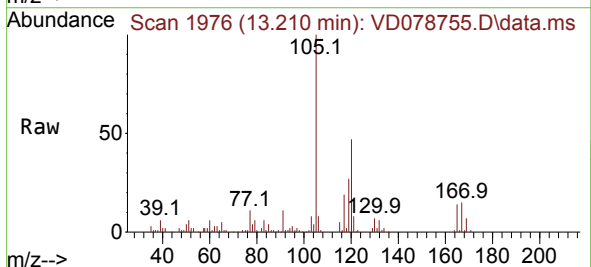
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBSD01

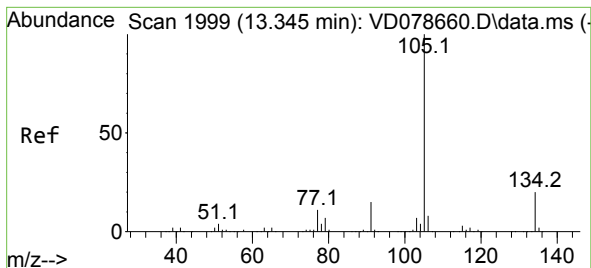
Tgt Ion:	119	Resp:	85184
Ion	Ratio	Lower	Upper
119	100		
91	57.1	28.9	86.7
134	26.0	13.6	40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.324 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD078755.D
 Acq: 27 Mar 2024 16:38

Tgt Ion:	105	Resp:	100670
Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.691 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

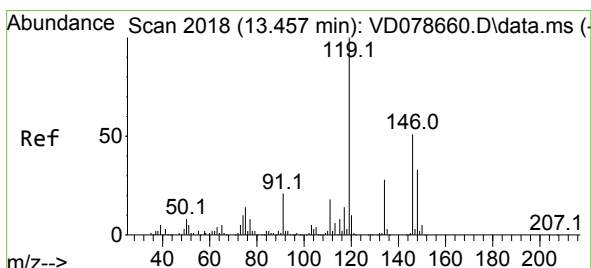
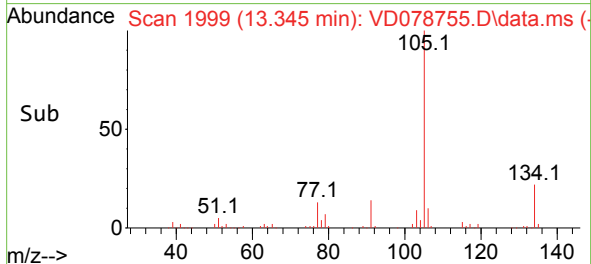
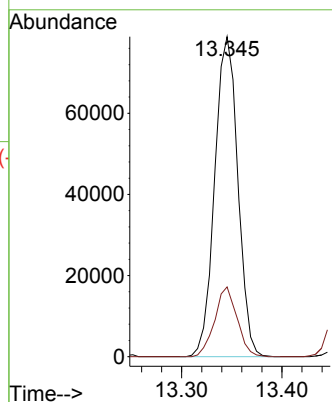
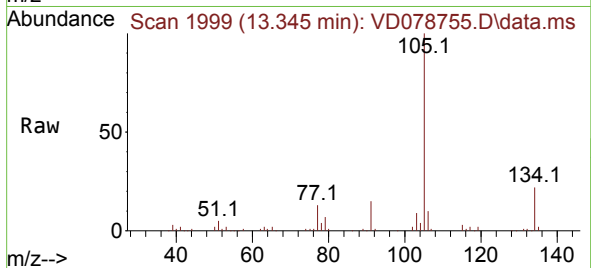
VD0327SBSD01

Tgt Ion:105 Resp: 126289

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.2



#86

p-Isopropyltoluene

Concen: 19.452 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

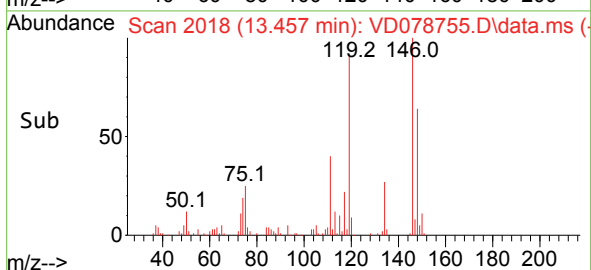
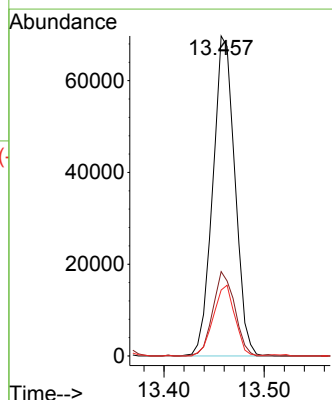
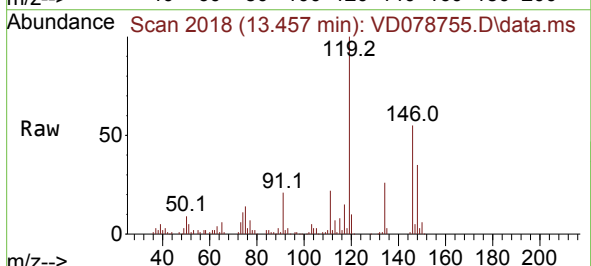
Tgt Ion:119 Resp: 106799

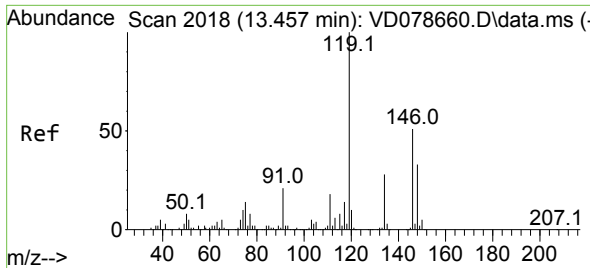
Ion Ratio Lower Upper

119 100

134 26.1 13.5 40.5

91 21.7 10.4 31.2

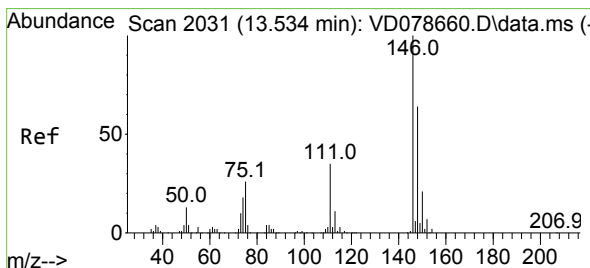
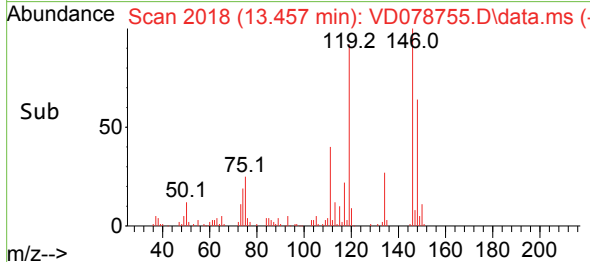
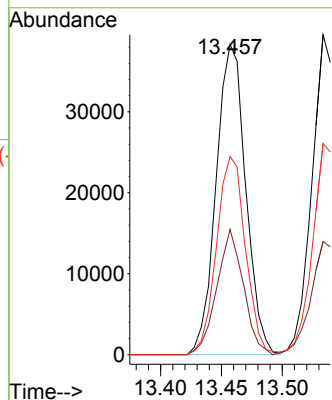
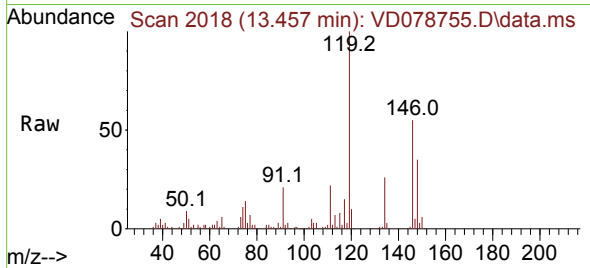




#87
1,3-Dichlorobenzene
Concen: 20.832 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

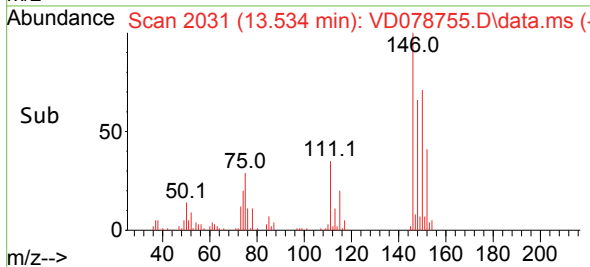
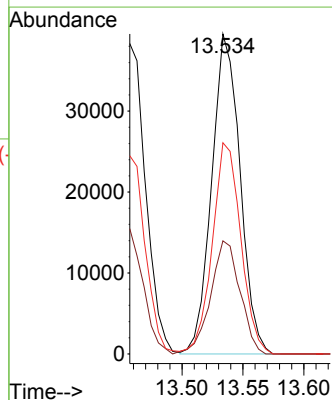
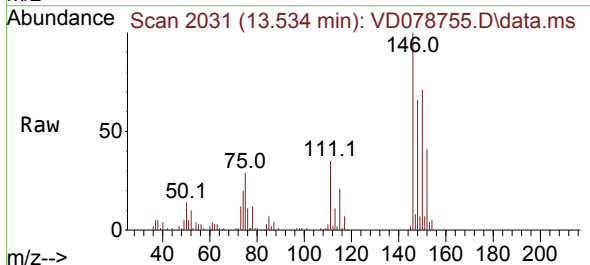
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

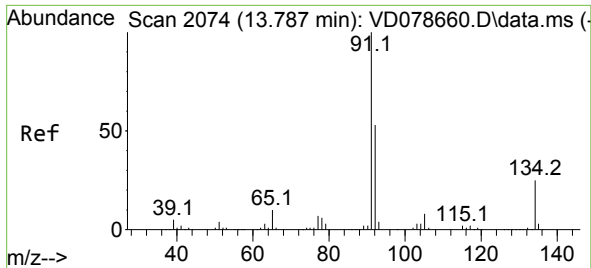
Tgt Ion:146 Resp: 64797
Ion Ratio Lower Upper
146 100
111 36.2 18.2 54.6
148 62.5 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 20.897 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion:146 Resp: 64058
Ion Ratio Lower Upper
146 100
111 36.6 17.8 53.3
148 66.3 32.4 97.0

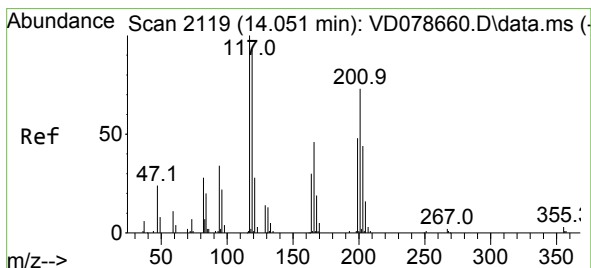
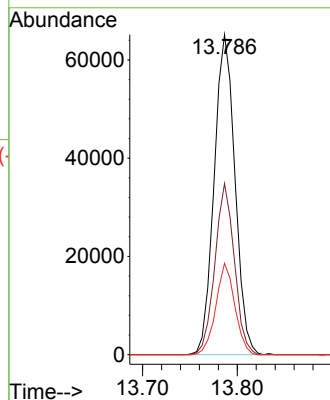
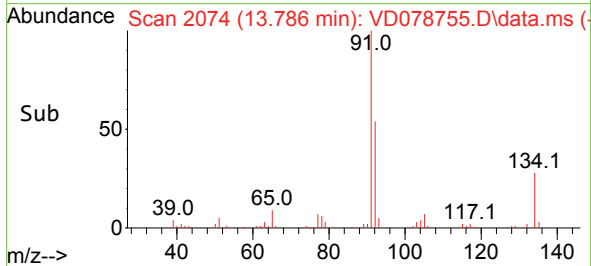
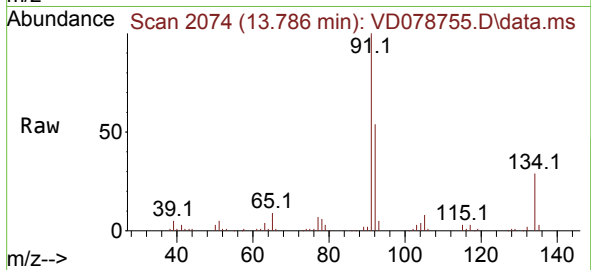




#89
n-Butylbenzene
Concen: 20.100 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

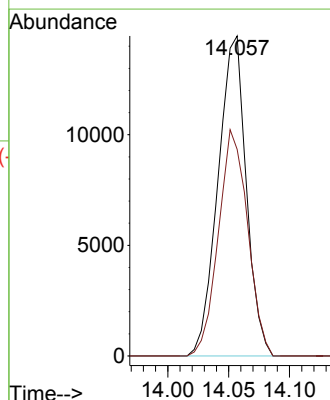
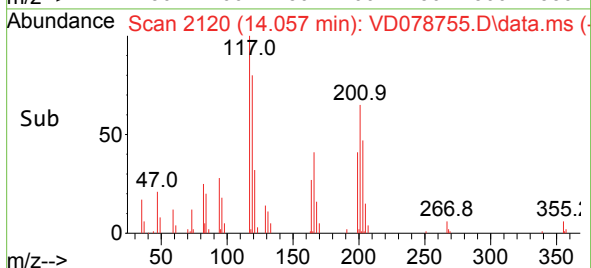
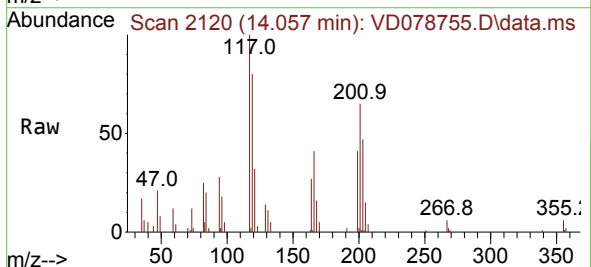
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

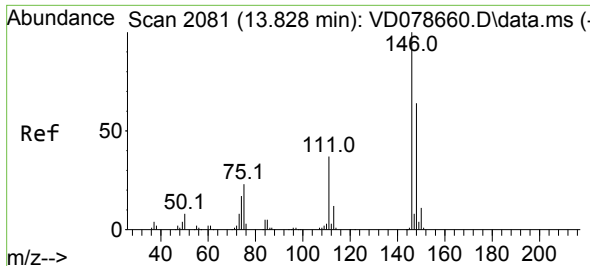
Tgt Ion:	91	Resp:	99664
Ion	Ratio	Lower	Upper
91	100		
92	50.0	26.4	79.0
134	26.0	13.0	38.9



#90
Hexachloroethane
Concen: 20.577 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion:	117	Resp:	23376
Ion	Ratio	Lower	Upper
117	100		
201	73.0	36.2	108.6





#91

1,2-Dichlorobenzene

Concen: 20.780 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBSD01

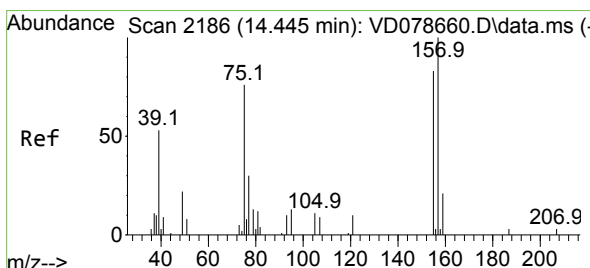
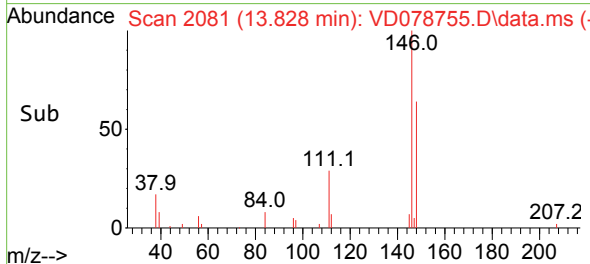
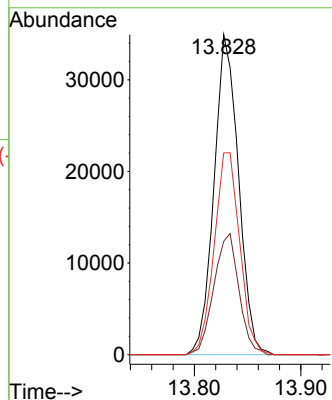
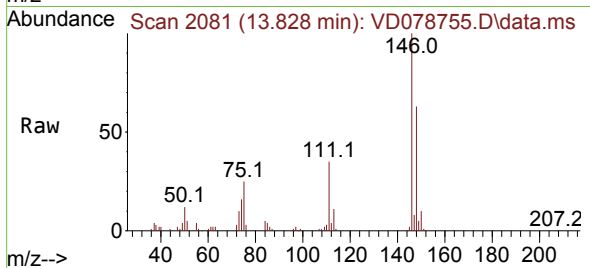
Tgt Ion:146 Resp: 55668

Ion Ratio Lower Upper

146 100

111 38.9 18.6 56.0

148 65.9 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.547 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

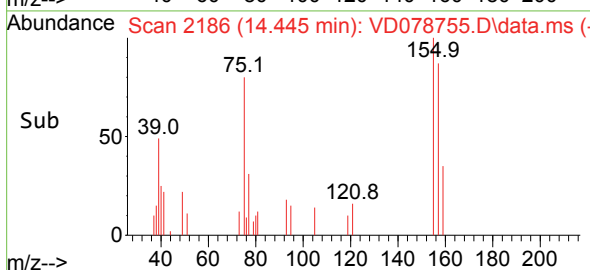
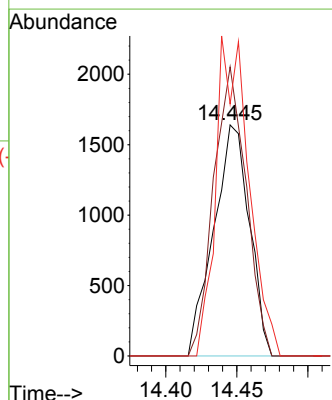
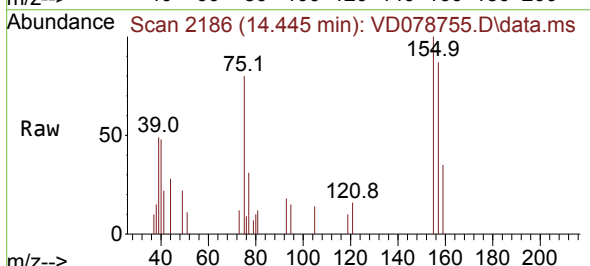
Tgt Ion: 75 Resp: 2877

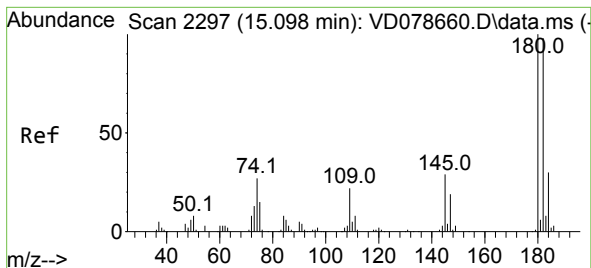
Ion Ratio Lower Upper

75 100

155 113.7 49.8 149.3

157 126.4 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 20.939 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBSD01

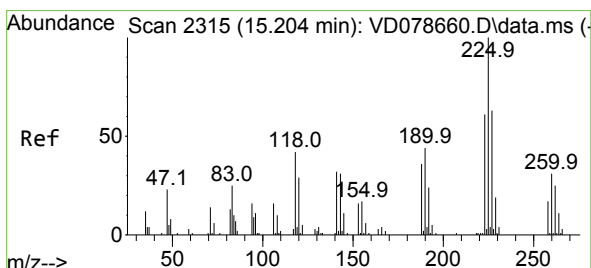
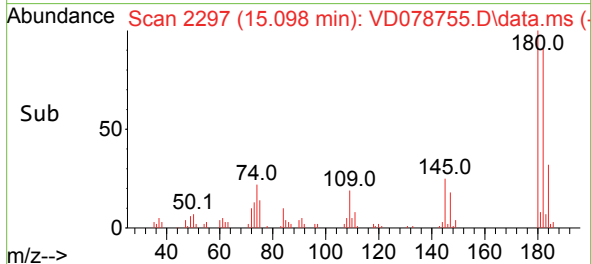
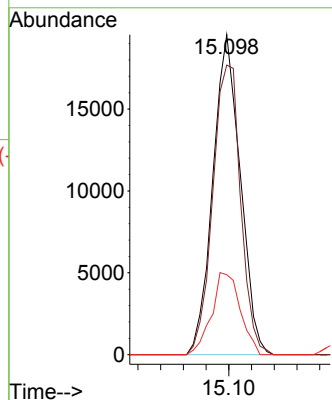
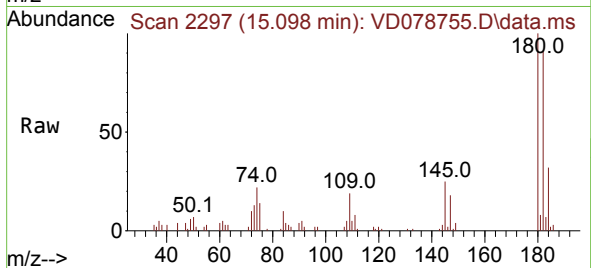
Tgt Ion:180 Resp: 32737

Ion Ratio Lower Upper

180 100

182 92.1 49.7 149.1

145 26.8 14.6 44.0



#94

Hexachlorobutadiene

Concen: 19.940 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078755.D

Acq: 27 Mar 2024 16:38

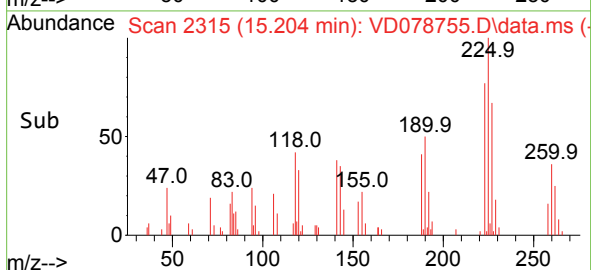
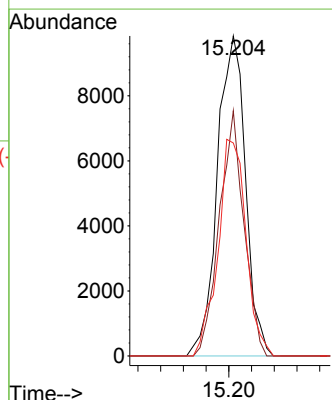
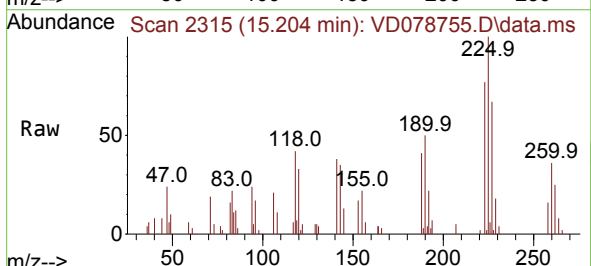
Tgt Ion:225 Resp: 16878

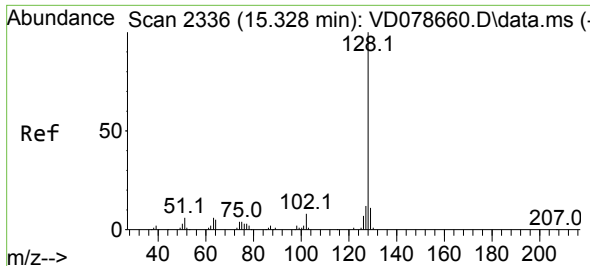
Ion Ratio Lower Upper

225 100

223 67.4 31.9 95.7

227 67.6 32.0 96.0

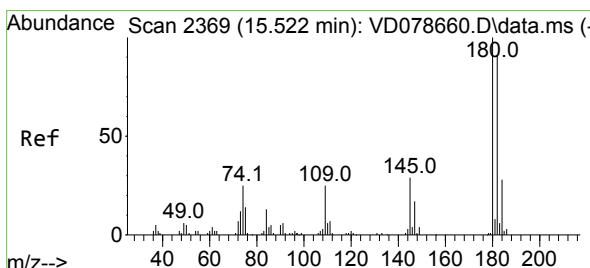
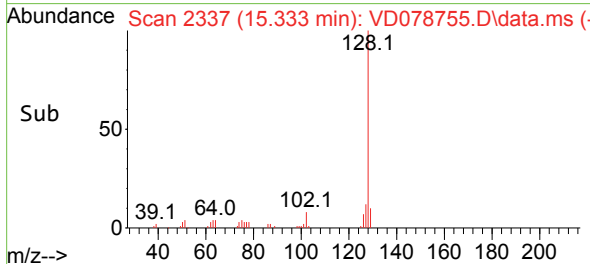
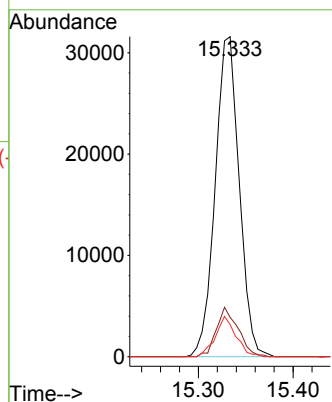
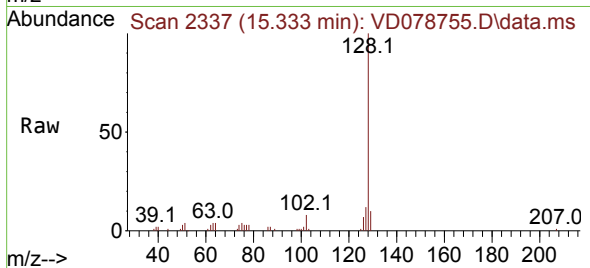




#95
Naphthalene
Concen: 20.467 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBSD01

Tgt Ion:128	Resp:	55635
Ion Ratio	Lower	Upper
128	100	
127	12.3	9.3 13.9
129	10.0	8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.944 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078755.D
Acq: 27 Mar 2024 16:38

Tgt Ion:180	Resp:	28328
Ion Ratio	Lower	Upper
180	100	
182	95.7	46.7 140.1
145	30.8	14.4 43.4

