

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078658.D
 Acq On : 14 Mar 2024 10:28
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Mar 15 05:25:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:17:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	123907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	212441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10837	9.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	18.660%#
35) Dibromofluoromethane	7.810	113	12514	9.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	18.300%#
50) Toluene-d8	10.269	98	44810	8.908	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	17.820%#
62) 4-Bromofluorobenzene	12.569	95	12873	8.747	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	17.500%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	12576	10.905	ug/l	89
3) Chloromethane	2.152	50	19344	10.624	ug/l	100
4) Vinyl Chloride	2.287	62	28780	10.714	ug/l	98
5) Bromomethane	2.699	94	27911	10.853	ug/l	95
6) Chloroethane	2.846	64	21741	10.379	ug/l	99
7) Trichlorofluoromethane	3.181	101	22773	10.717	ug/l	98
8) Diethyl Ether	3.599	74	6331	10.204	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.970	101	14535	10.899	ug/l #	43
10) Methyl Iodide	4.170	142	15278	9.685	ug/l	96
11) Tert butyl alcohol	5.040	59	933	17.954	ug/l #	75
12) 1,1-Dichloroethene	3.940	96	13269	10.466	ug/l	92
13) Acrolein	3.805	56	4577	56.224	ug/l	98
14) Allyl chloride	4.564	41	15101	10.675	ug/l	96
15) Acrylonitrile	5.264	53	12582	50.306	ug/l	95
16) Acetone	4.034	43	11056	49.237	ug/l	95
17) Carbon Disulfide	4.281	76	44962	10.818	ug/l	99
18) Methyl Acetate	4.564	43	4254	8.828	ug/l #	70
19) Methyl tert-butyl Ether	5.322	73	24972	9.767	ug/l	98
20) Methylene Chloride	4.811	84	22677	11.015	ug/l #	93
21) trans-1,2-Dichloroethene	5.328	96	15132	10.115	ug/l	87
22) Diisopropyl ether	6.228	45	33911	10.544	ug/l #	95
23) Vinyl Acetate	6.158	43	91531	48.653	ug/l #	88
24) 1,1-Dichloroethane	6.116	63	26130	10.836	ug/l	97
25) 2-Butanone	7.087	43	14999	50.242	ug/l	90
26) 2,2-Dichloropropane	7.081	77	21001	10.294	ug/l	100
27) cis-1,2-Dichloroethene	7.087	96	17369	10.180	ug/l	98
28) Bromochloromethane	7.422	49	8847	10.291	ug/l	95
29) Tetrahydrofuran	7.452	42	7712	47.495	ug/l	99
30) Chloroform	7.599	83	30056	11.179	ug/l	94
31) Cyclohexane	7.881	56	21277	10.901	ug/l #	92
32) 1,1,1-Trichloroethane	7.799	97	23574	10.334	ug/l	97
36) 1,1-Dichloropropene	8.010	75	19855	10.005	ug/l	95
37) Ethyl Acetate	7.175	43	6553	10.107	ug/l #	94
38) Carbon Tetrachloride	7.993	117	22427	10.719	ug/l	95
39) Methylcyclohexane	9.281	83	22567	9.802	ug/l	96
40) Benzene	8.252	78	62113	10.354	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	4582	12.976	ug/l #	61
42) 1,2-Dichloroethane	8.328	62	14803	10.118	ug/l	99
43) Isopropyl Acetate	8.363	43	11926	10.115	ug/l #	80
44) Trichloroethene	9.028	130	16789	10.312	ug/l	90
45) 1,2-Dichloropropane	9.305	63	15431	10.843	ug/l	99
46) Dibromomethane	9.399	93	8720	10.222	ug/l	98
47) Bromodichloromethane	9.587	83	20951	10.316	ug/l	95
48) Methyl methacrylate	9.387	41	5981	10.411	ug/l	91
49) 1,4-Dioxane	9.381	88	1483	187.753	ug/l #	62
51) 4-Methyl-2-Pentanone	10.163	43	29045	47.120	ug/l	98
52) Toluene	10.334	92	38149	9.877	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	18622	10.029	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	21466	9.617	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	11785	10.316	ug/l #	82
56) Ethyl methacrylate	10.599	69	10248	8.948	ug/l	94
57) 1,3-Dichloropropane	10.881	76	18540	10.058	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	23899	47.327	ug/l	98
59) 2-Hexanone	10.922	43	21664	47.410	ug/l	94
60) Dibromochloromethane	11.075	129	14433	10.245	ug/l	99
61) 1,2-Dibromoethane	11.181	107	11335	10.253	ug/l	98
64) Tetrachloroethene	10.810	164	13440	10.233	ug/l	97
65) Chlorobenzene	11.604	112	43963	10.600	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	14913	9.818	ug/l	93
67) Ethyl Benzene	11.681	91	66223	9.370	ug/l	99
68) m/p-Xylenes	11.793	106	54388	18.952	ug/l	98
69) o-Xylene	12.122	106	24321	9.160	ug/l	96
70) Styrene	12.134	104	40310	9.045	ug/l	96
71) Bromoform	12.293	173	8198	9.987	ug/l #	92
73) Isopropylbenzene	12.422	105	63420	9.896	ug/l	99
74) N-amyl acetate	12.234	43	10113	9.719	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	12753	10.750	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	14626	19.543	ug/l #	100
77) Bromobenzene	12.704	156	15830	9.960	ug/l	93
78) n-propylbenzene	12.763	91	77635	9.952	ug/l	100
79) 2-Chlorotoluene	12.846	91	43672	10.205	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	51357	9.691	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	3635	10.161	ug/l	92
82) 4-Chlorotoluene	12.946	91	46670	10.311	ug/l	99
83) tert-Butylbenzene	13.169	119	44047	9.639	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	52387	9.809	ug/l	98
85) sec-Butylbenzene	13.345	105	67682	9.787	ug/l	100
86) p-Isopropyltoluene	13.463	119	56103	9.477	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	32799	9.779	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	33541	10.148	ug/l	97
89) n-Butylbenzene	13.787	91	52557	9.830	ug/l	98
90) Hexachloroethane	14.057	117	12803	10.452	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	29717	10.288	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1596	10.056	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	15626	9.269	ug/l	98
94) Hexachlorobutadiene	15.204	225	9262	10.148	ug/l	95
95) Naphthalene	15.334	128	26227	8.948	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.522	180	14017	9.611	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:17:07 2024
Response via : Initial Calibration

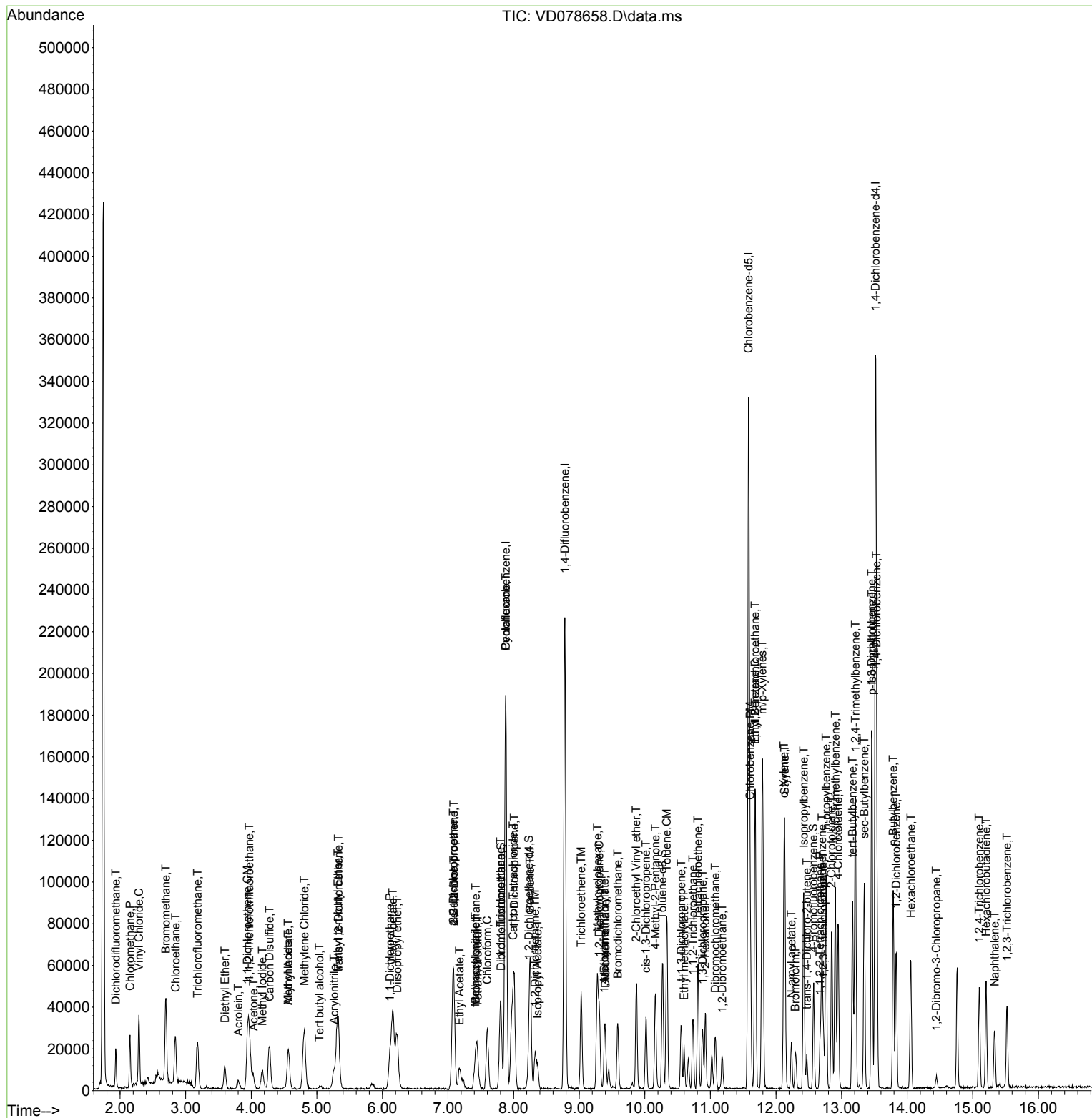
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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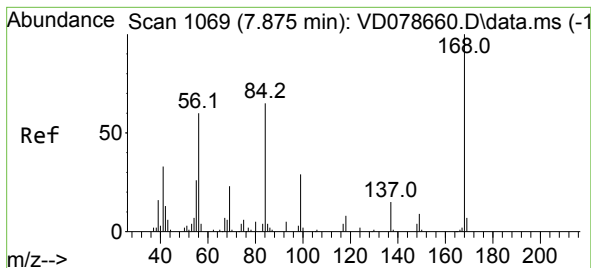
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

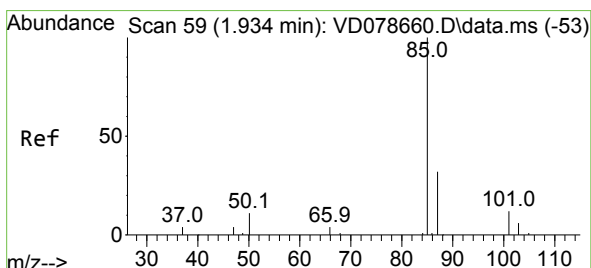
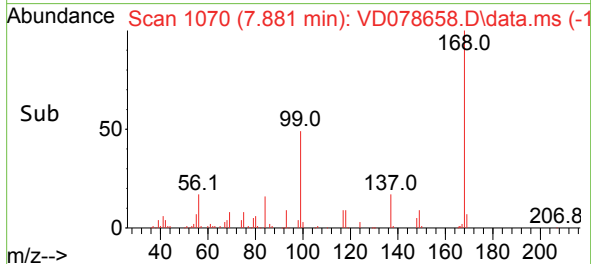
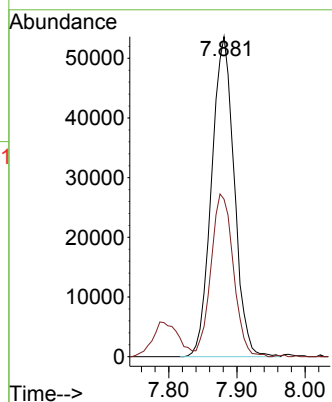
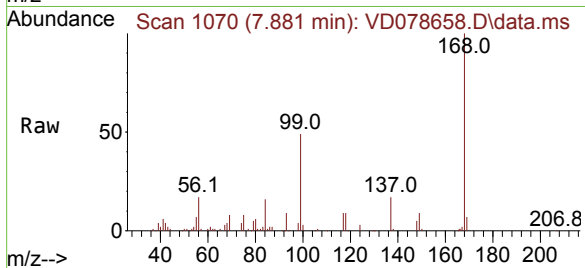
VSTDIC010

Tgt Ion:168 Resp: 123907

Ion Ratio Lower Upper

168 100

99 48.9 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 10.905 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078658.D

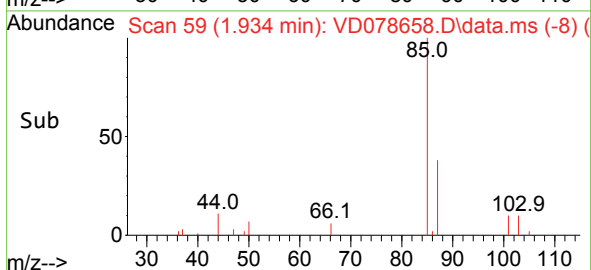
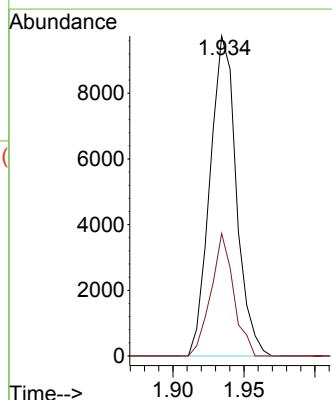
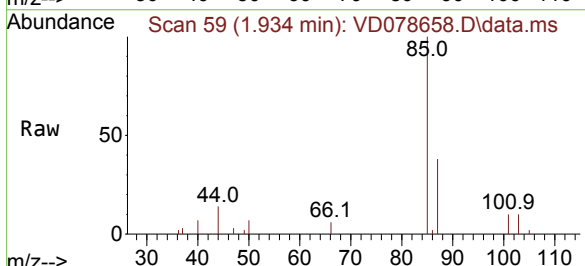
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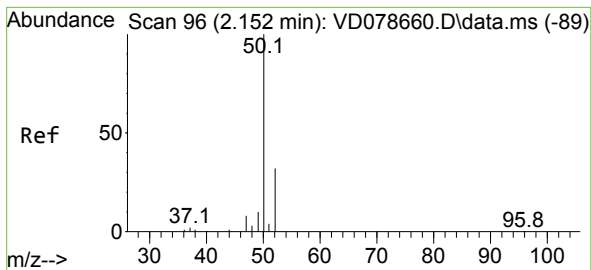
Tgt Ion: 85 Resp: 12576

Ion Ratio Lower Upper

85 100

87 38.3 16.2 48.5





#3

Chloromethane

Concen: 10.624 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

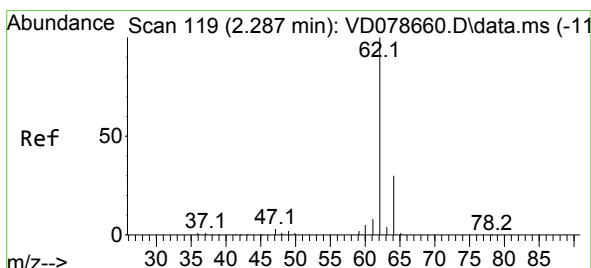
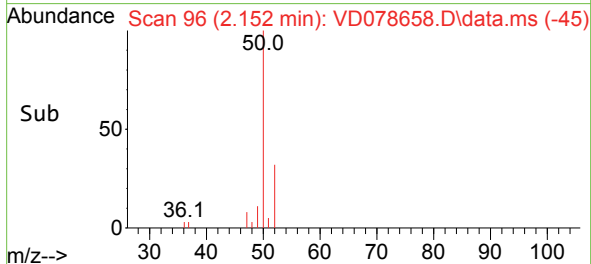
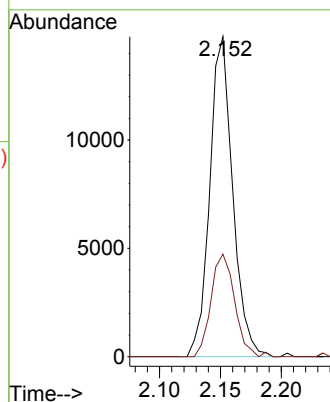
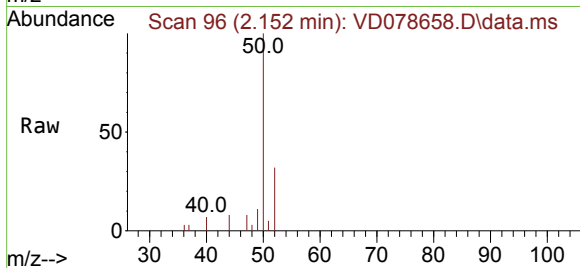
VSTDIC010

Tgt Ion: 50 Resp: 19344

Ion Ratio Lower Upper

50 100

52 32.1 25.6 38.4



#4

Vinyl Chloride

Concen: 10.714 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078658.D

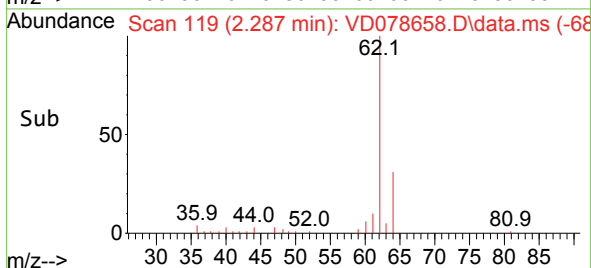
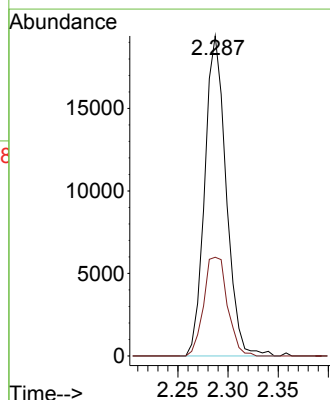
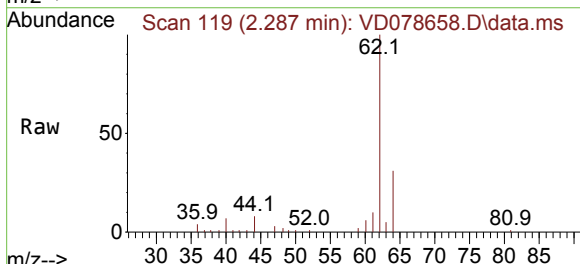
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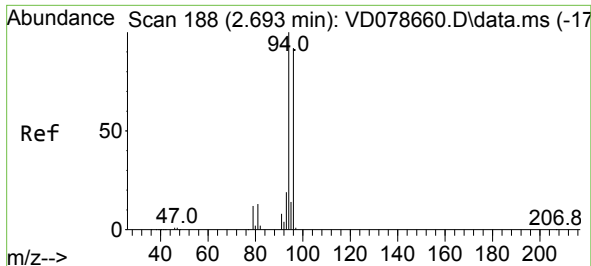
Tgt Ion: 62 Resp: 28780

Ion Ratio Lower Upper

62 100

64 30.8 23.7 35.5

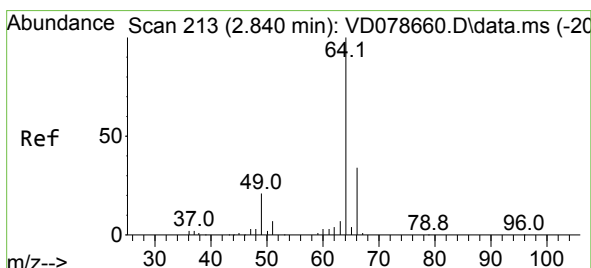
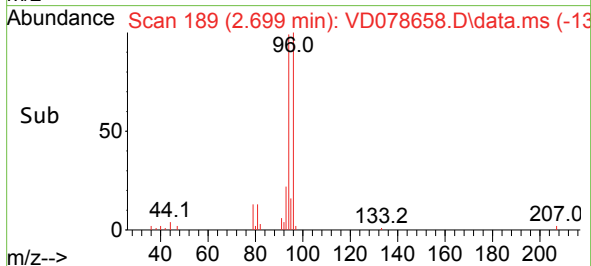
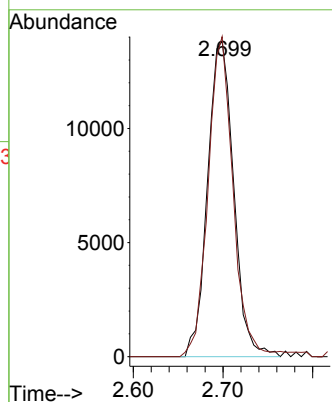
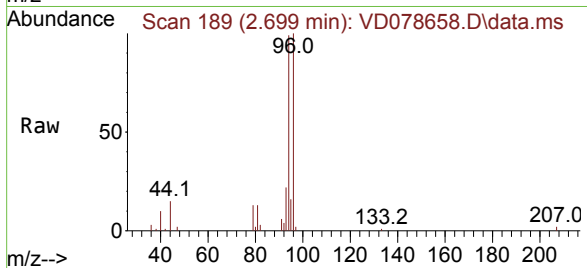




#5
Bromomethane
Concen: 10.853 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

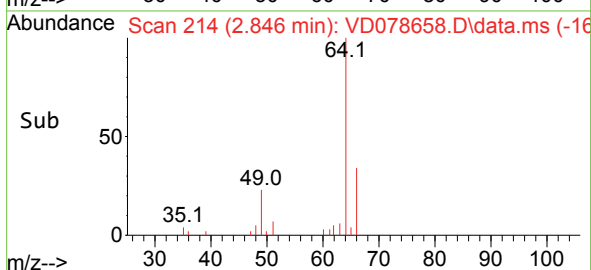
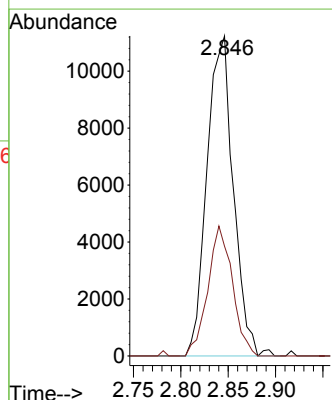
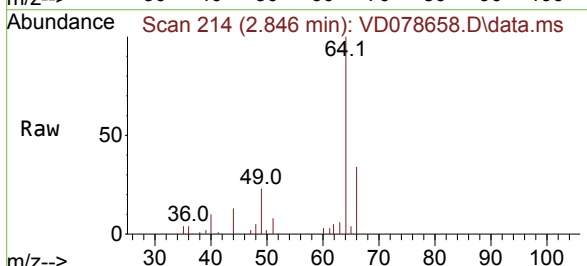
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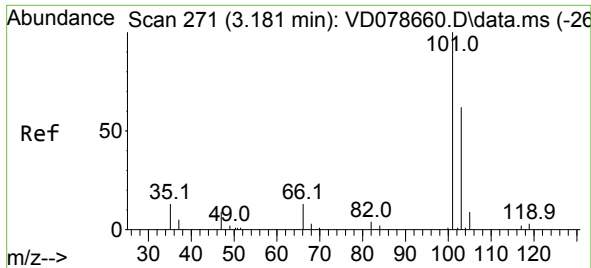
Tgt Ion: 94 Resp: 27911
Ion Ratio Lower Upper
94 100
96 96.6 73.5 110.3



#6
Chloroethane
Concen: 10.379 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 64 Resp: 21741
Ion Ratio Lower Upper
64 100
66 34.3 26.8 40.2

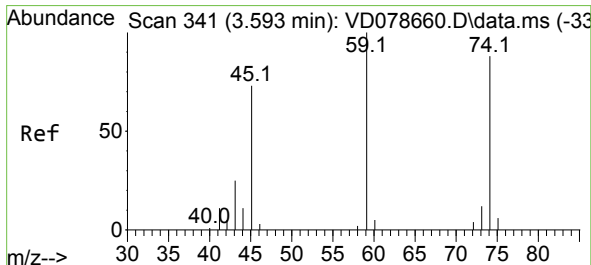
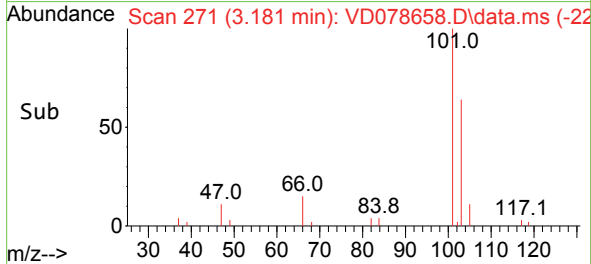
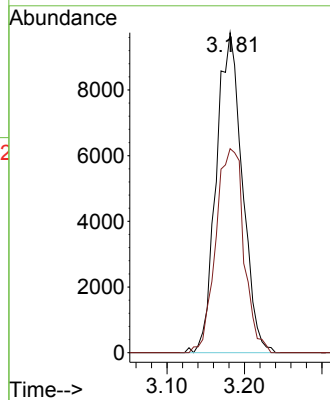
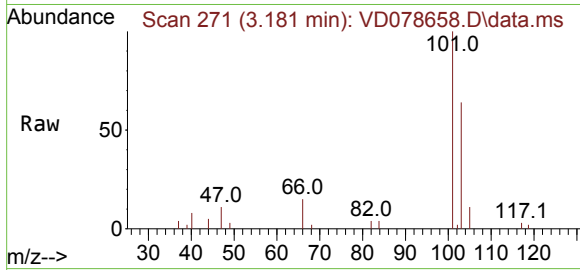




#7
Trichlorofluoromethane
Concen: 10.717 ug/l
RT: 3.181 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

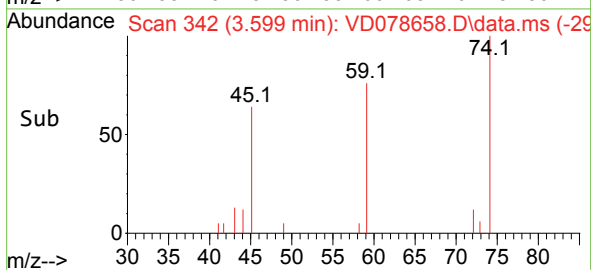
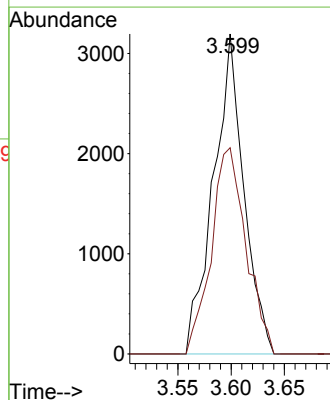
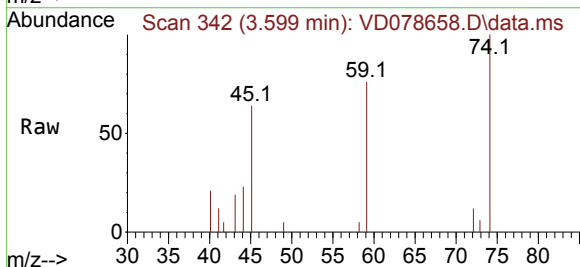
Instrument :
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ClientSampleId :
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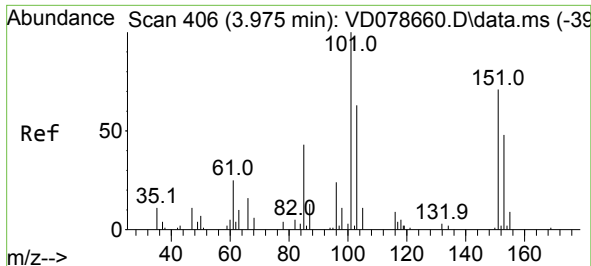
Tgt Ion:101 Resp: 22773
Ion Ratio Lower Upper
101 100
103 63.7 49.7 74.5



#8
Diethyl Ether
Concen: 10.204 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 74 Resp: 6331
Ion Ratio Lower Upper
74 100
45 73.5 42.4 127.3

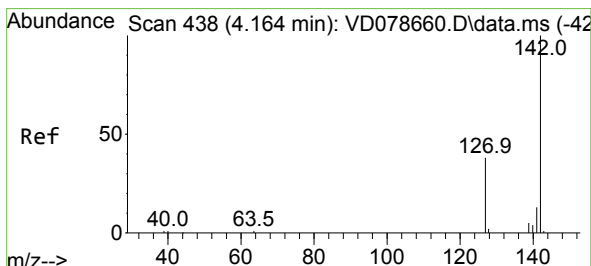
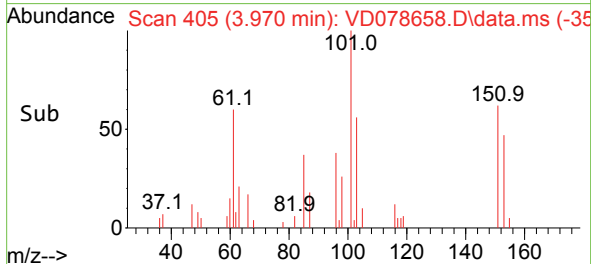
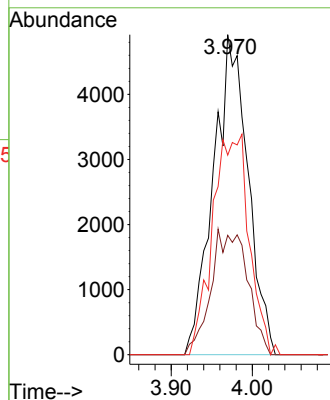
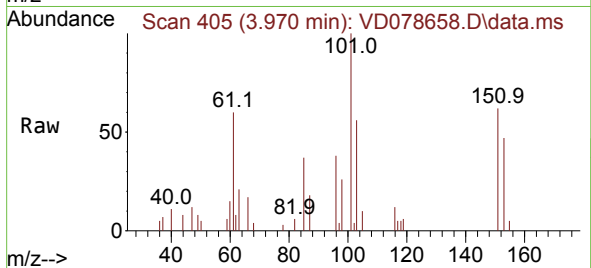




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.899 ug/l
RT: 3.970 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

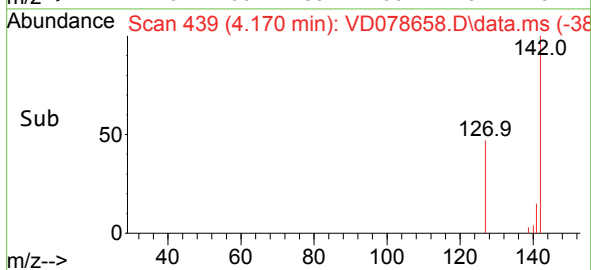
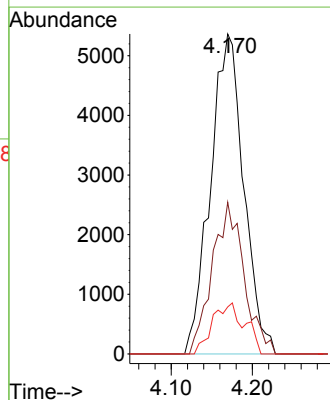
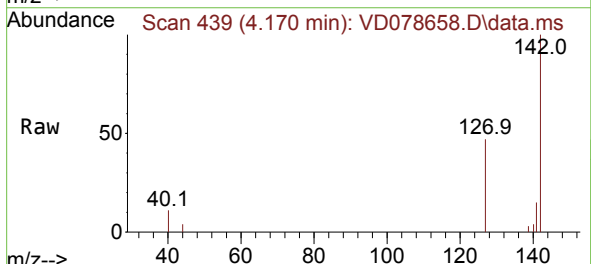
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

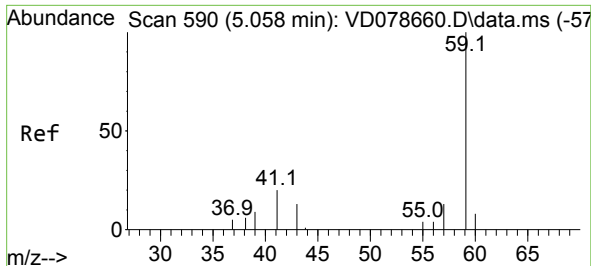
Tgt Ion:101 Resp: 14535
Ion Ratio Lower Upper
101 100
85 41.1 35.8 53.6
151 0.0 59.4 89.2#



#10
Methyl Iodide
Concen: 9.685 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion:142 Resp: 15278
Ion Ratio Lower Upper
142 100
127 45.3 33.5 50.3
141 15.4 11.7 17.5

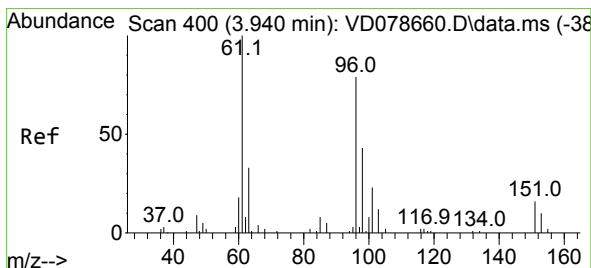
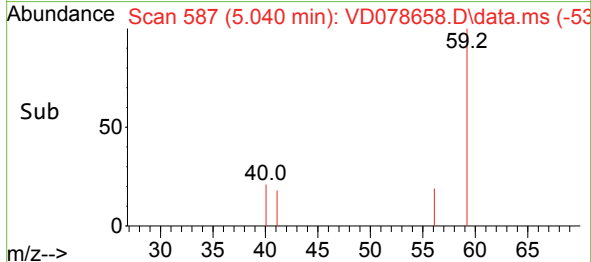
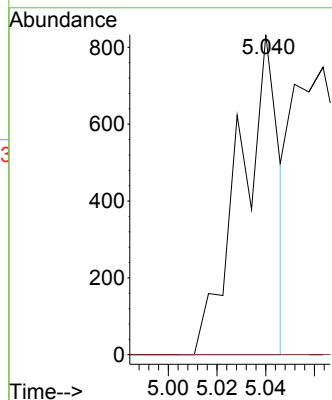
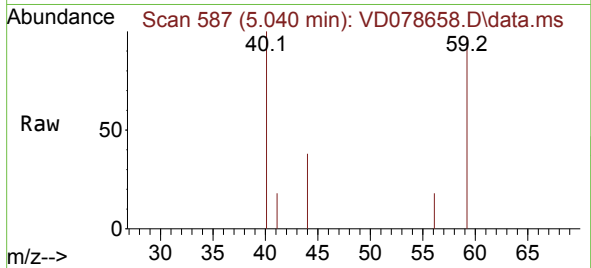




#11
Tert butyl alcohol
Concen: 17.954 ug/l
RT: 5.040 min Scan# 590
Delta R.T. -0.018 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

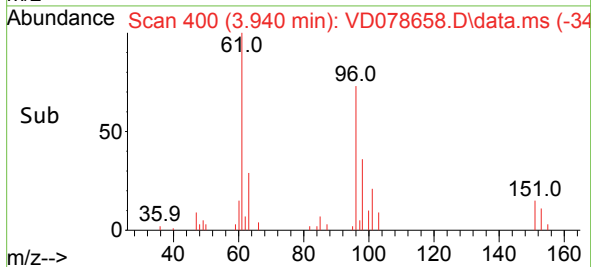
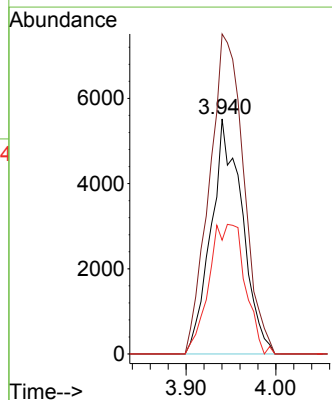
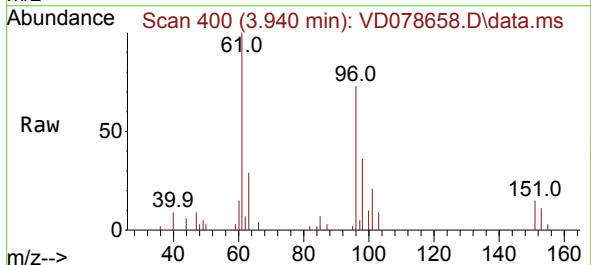
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

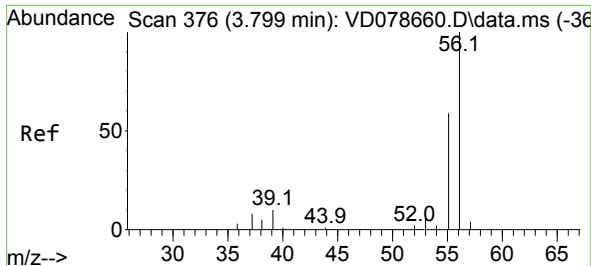
Tgt Ion: 59 Resp: 933
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 10.466 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 96 Resp: 13269
Ion Ratio Lower Upper
96 100
61 136.1 101.4 152.0
98 48.4 43.4 65.0





#13

Acrolein

Concen: 56.224 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

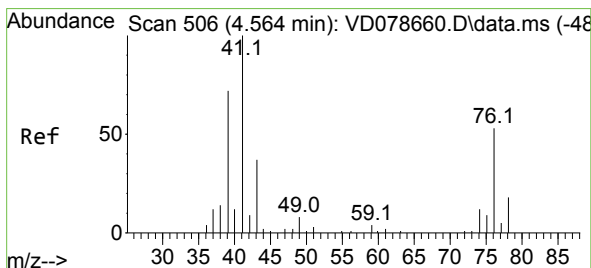
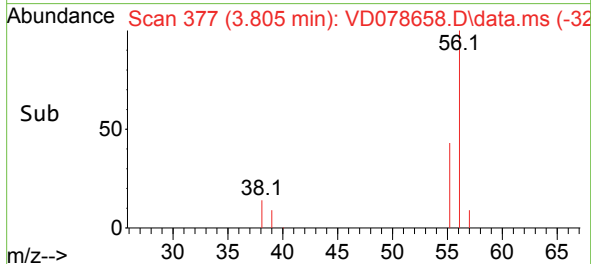
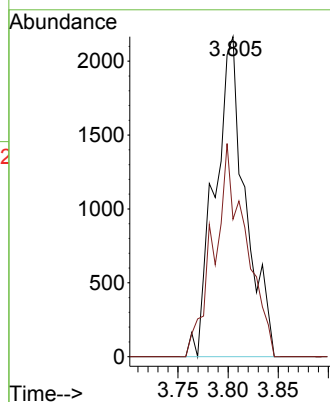
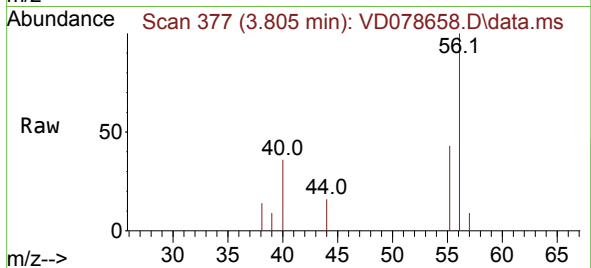
VSTDIC010

Tgt Ion: 56 Resp: 4577

Ion Ratio Lower Upper

56 100

55 70.1 54.9 82.3



#14

Allyl chloride

Concen: 10.675 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

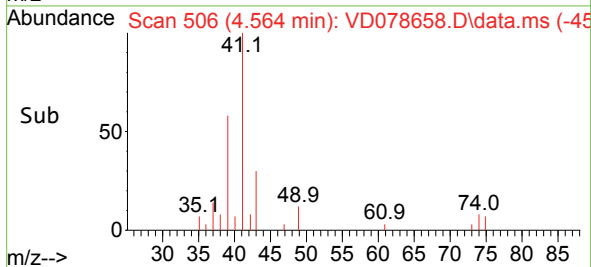
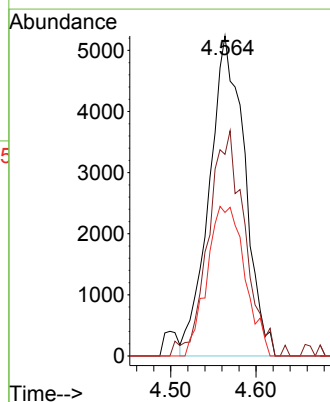
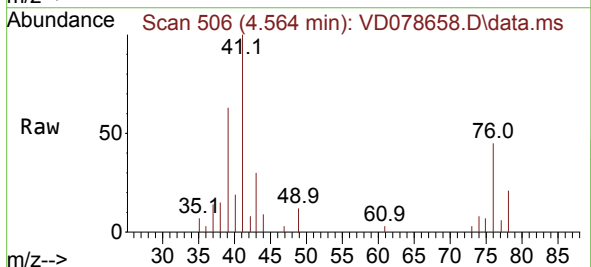
Tgt Ion: 41 Resp: 15101

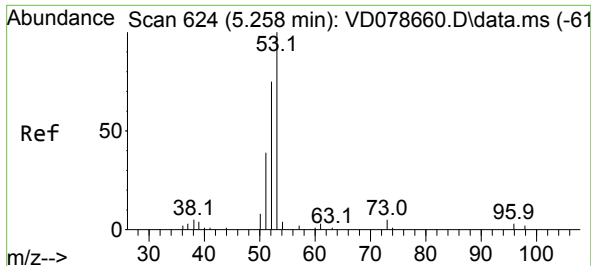
Ion Ratio Lower Upper

41 100

39 71.7 57.8 86.6

76 50.0 44.8 67.2

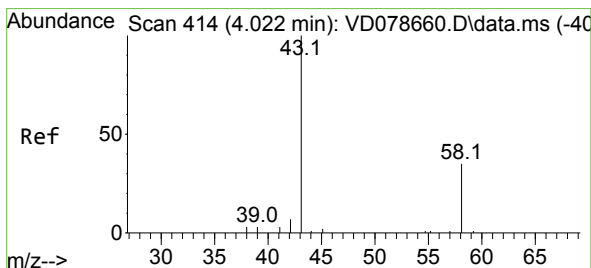
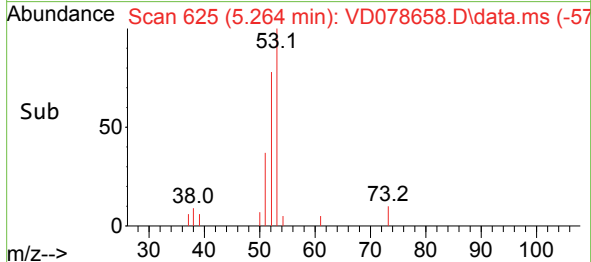
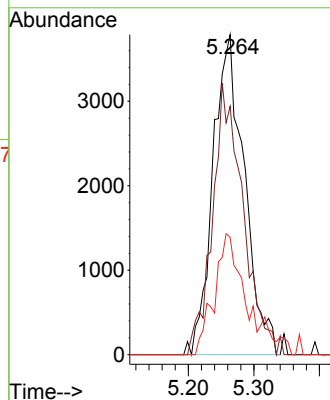
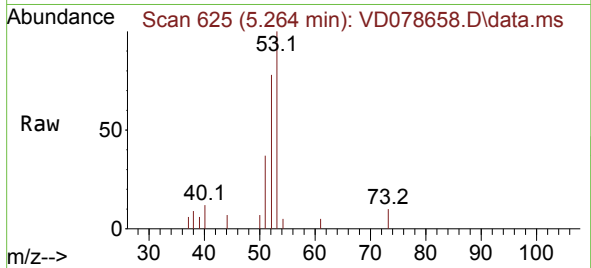




#15
Acrylonitrile
Concen: 50.306 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

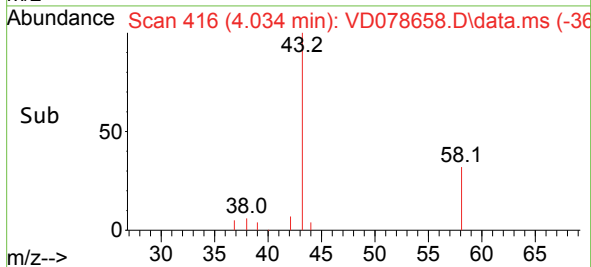
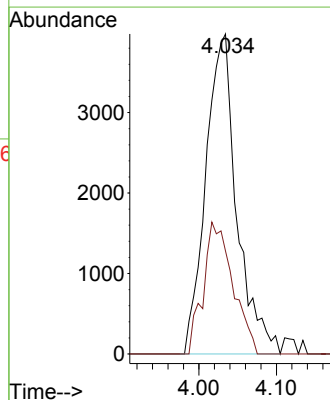
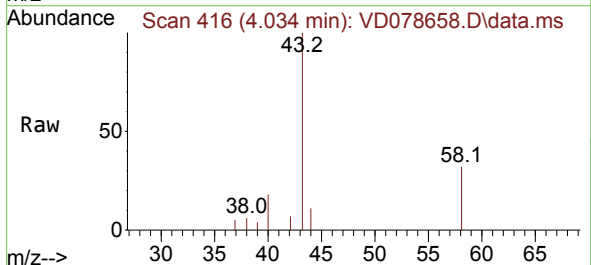
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

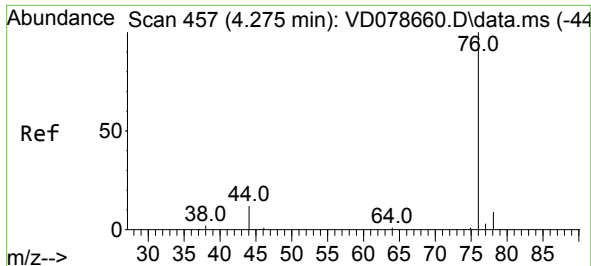
Tgt Ion: 53	Resp: 12582
Ion Ratio	Lower Upper
53	100
52	82.6 61.9 92.9
51	34.7 29.0 43.4



#16
Acetone
Concen: 49.237 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 43	Resp: 11056
Ion Ratio	Lower Upper
43	100
58	32.2 28.2 42.4

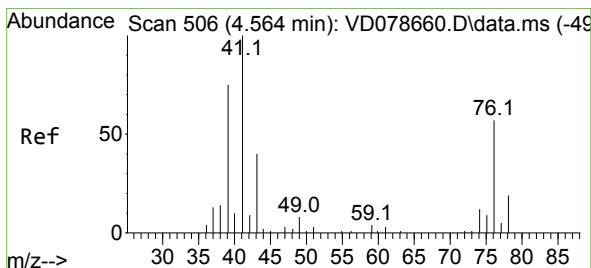
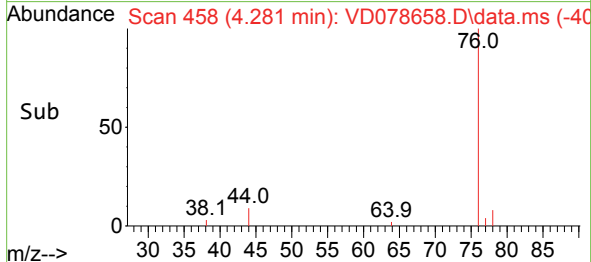
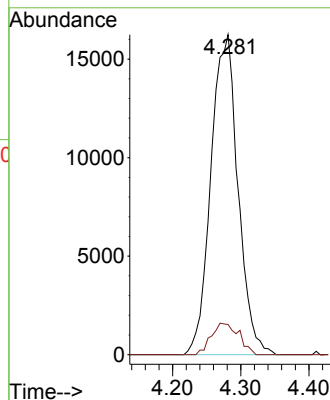
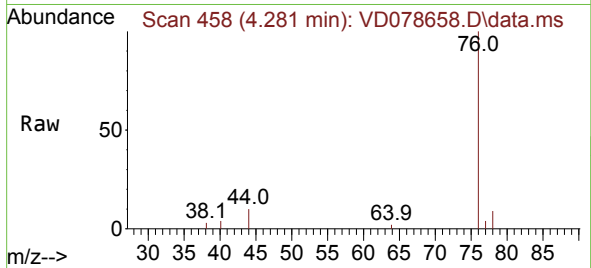




#17
Carbon Disulfide
Concen: 10.818 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

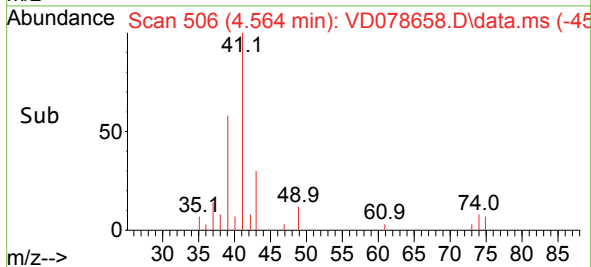
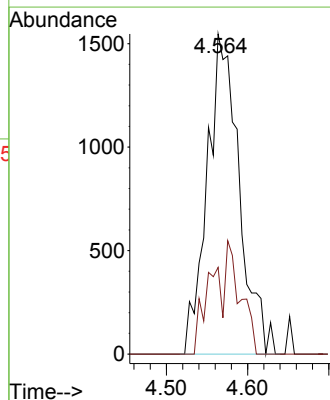
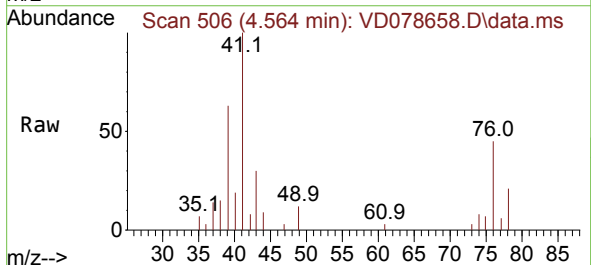
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

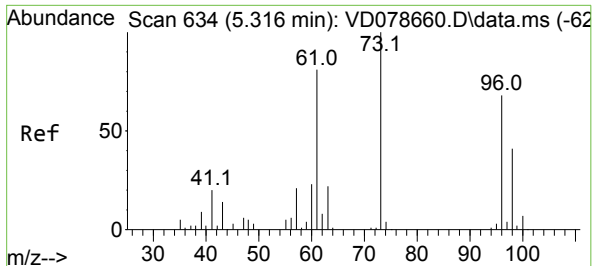
Tgt Ion: 76 Resp: 44962
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 8.828 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 43 Resp: 4254
Ion Ratio Lower Upper
43 100
74 14.9 25.3 37.9#





#19

Methyl tert-butyl Ether

Concen: 9.767 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

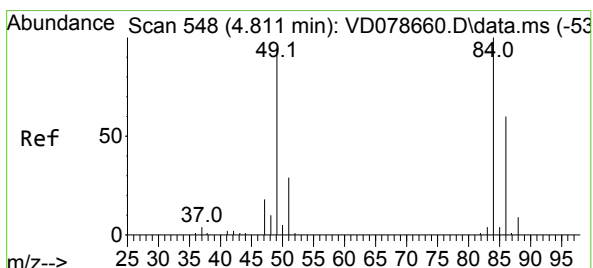
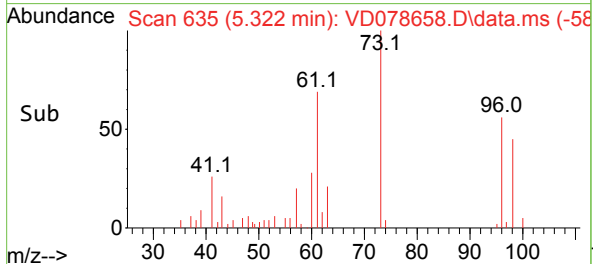
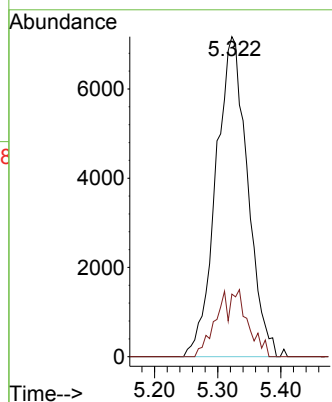
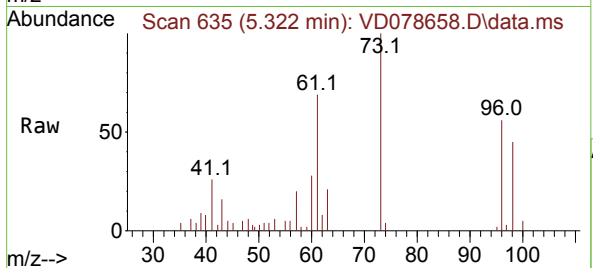
VSTDIC010

Tgt Ion: 73 Resp: 24972

Ion Ratio Lower Upper

73 100

57 19.6 16.4 24.6



#20

Methylene Chloride

Concen: 11.015 ug/l

RT: 4.811 min Scan# 548

Delta R.T. -0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Tgt Ion: 84 Resp: 22677

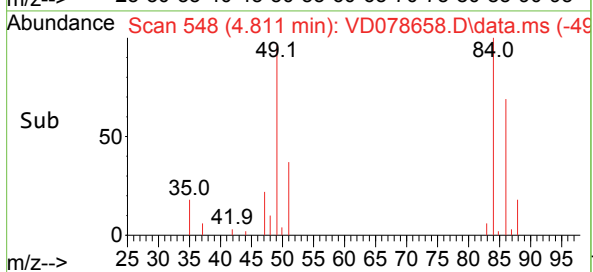
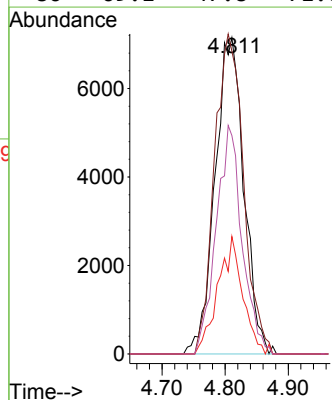
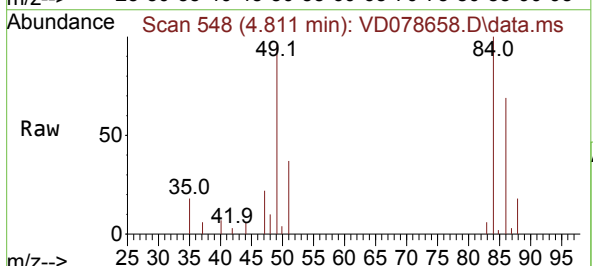
Ion Ratio Lower Upper

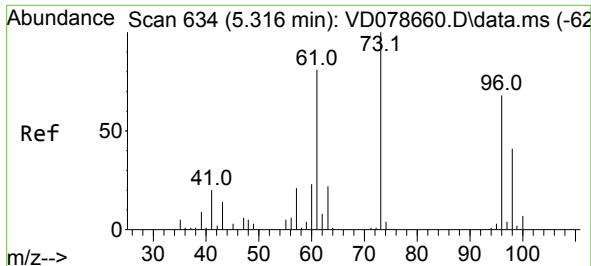
84 100

49 95.8 75.6 113.4

51 37.1 23.4 35.0#

86 69.1 47.8 71.6

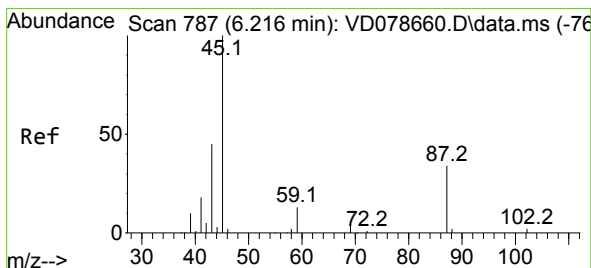
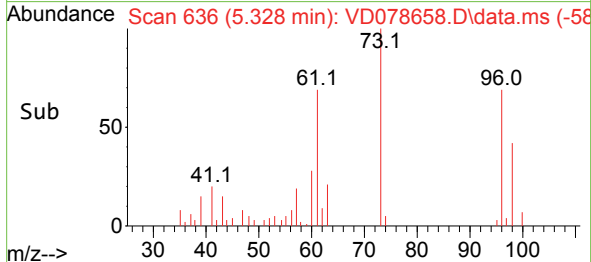
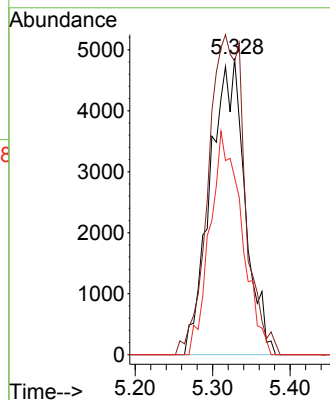
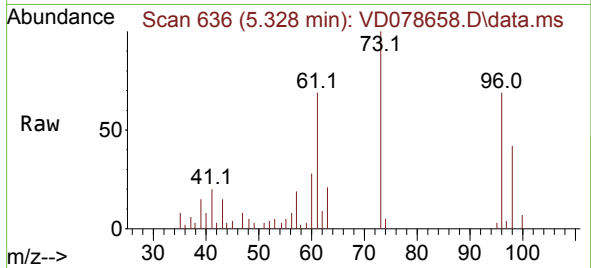




#21
trans-1,2-Dichloroethene
Concen: 10.115 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

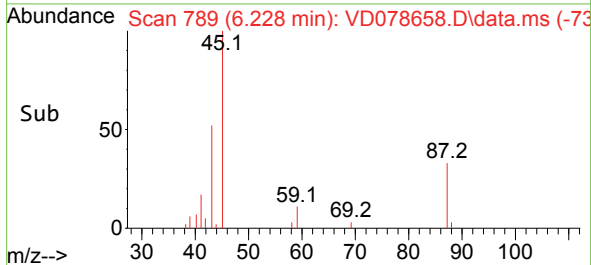
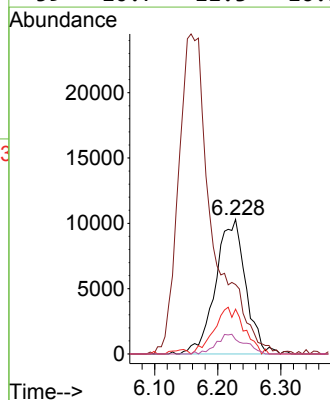
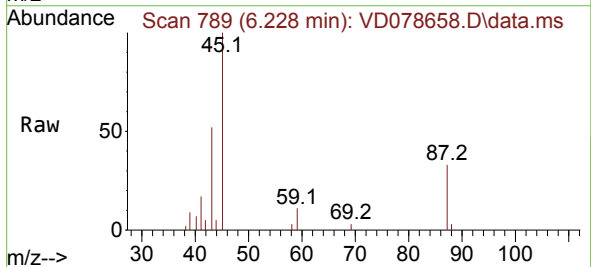
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

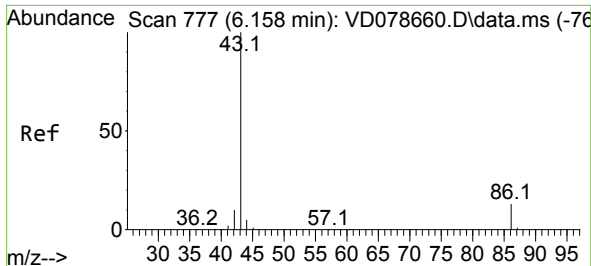
Tgt Ion: 96 Resp: 15132
Ion Ratio Lower Upper
96 100
61 99.1 96.1 144.1
98 59.9 48.9 73.3



#22
Diisopropyl ether
Concen: 10.544 ug/l
RT: 6.228 min Scan# 789
Delta R.T. 0.012 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 45 Resp: 33911
Ion Ratio Lower Upper
45 100
43 51.6 44.3 66.5
87 33.2 28.3 42.5
59 10.7 11.3 16.9#

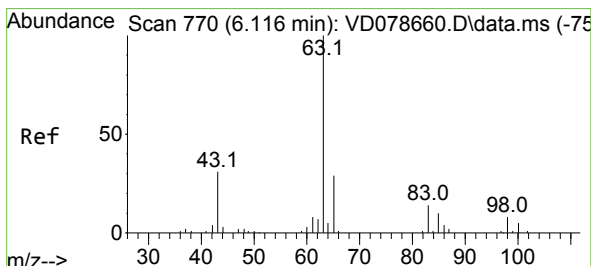
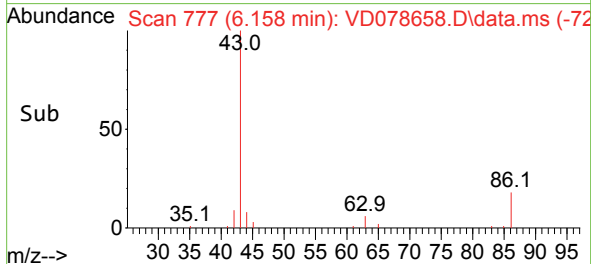
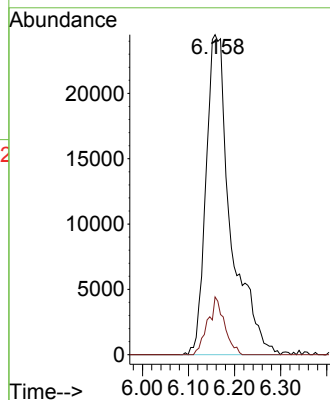
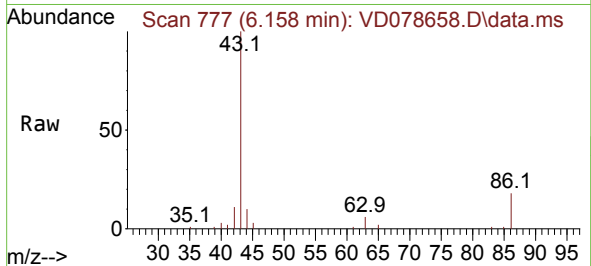




#23
 Vinyl Acetate
 Concen: 48.653 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078658.D
 Acq: 14 Mar 2024 10:28

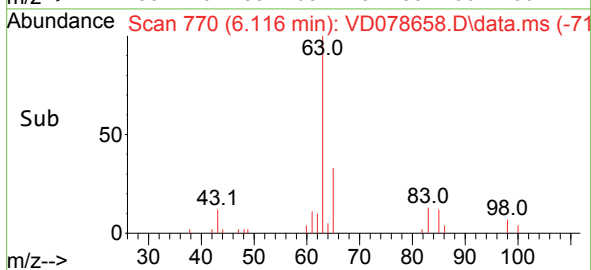
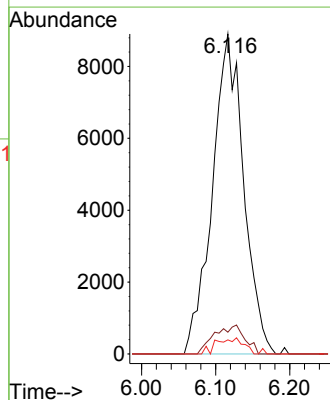
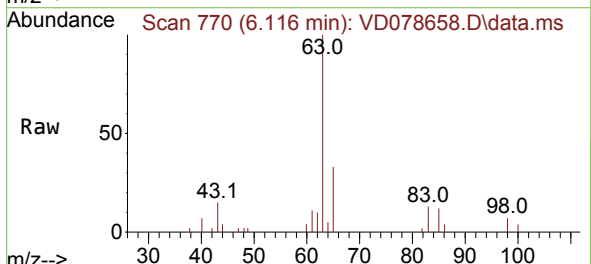
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

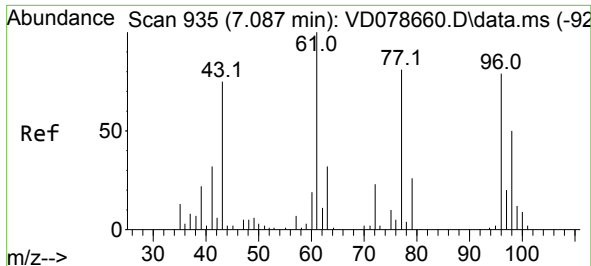
Tgt Ion: 43 Resp: 91531
 Ion Ratio Lower Upper
 43 100
 86 18.1 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 10.836 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078658.D
 Acq: 14 Mar 2024 10:28

Tgt Ion: 63 Resp: 26130
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 11.9
 100 4.4 2.7 8.1

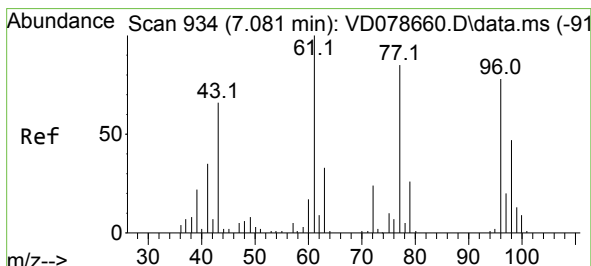
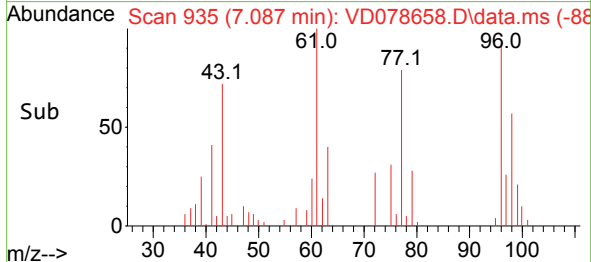
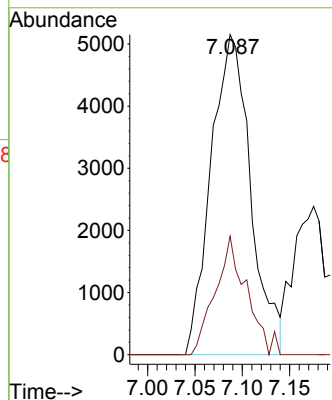
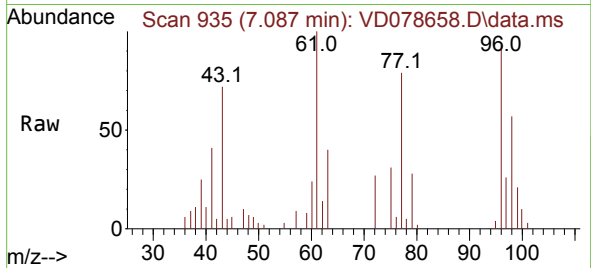




#25
2-Butanone
Concen: 50.242 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

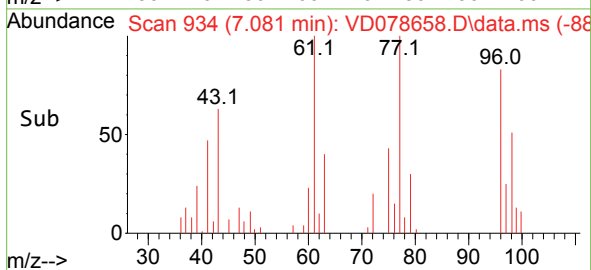
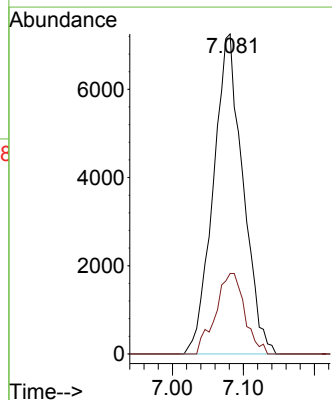
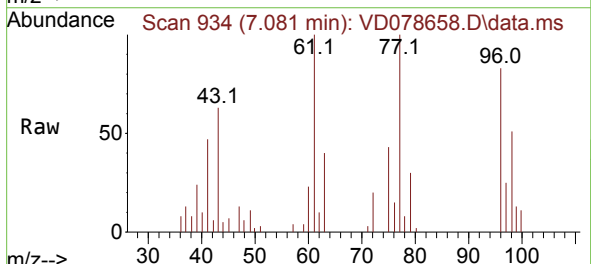
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

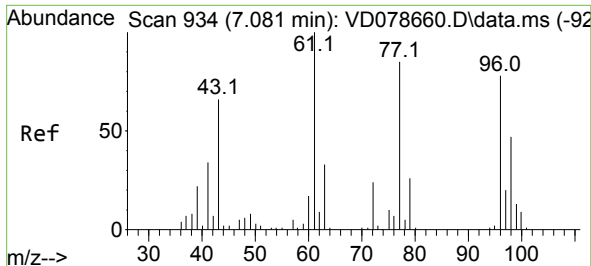
Tgt Ion: 43 Resp: 14999
Ion Ratio Lower Upper
43 100
72 37.0 25.0 37.6



#26
2,2-Dichloropropane
Concen: 10.294 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 77 Resp: 21001
Ion Ratio Lower Upper
77 100
97 24.6 12.4 37.0

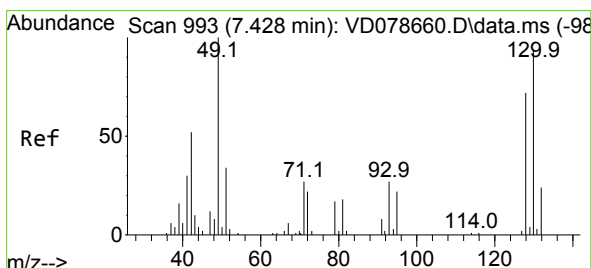
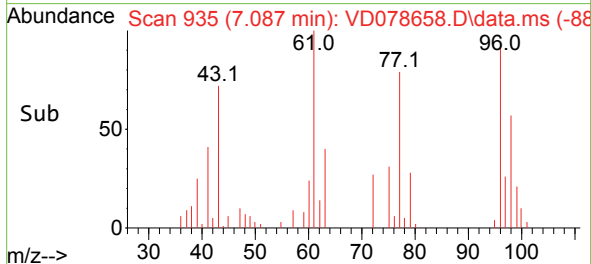
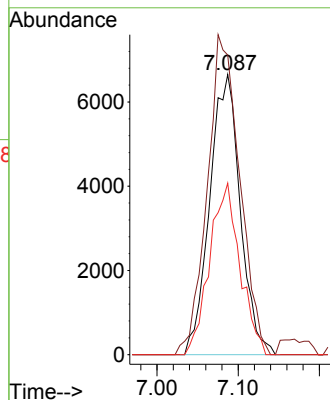
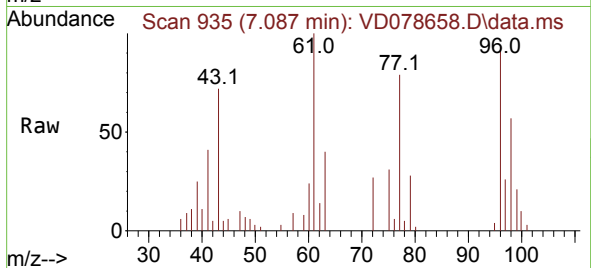




#27
 cis-1,2-Dichloroethene
 Concen: 10.180 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078658.D
 Acq: 14 Mar 2024 10:28

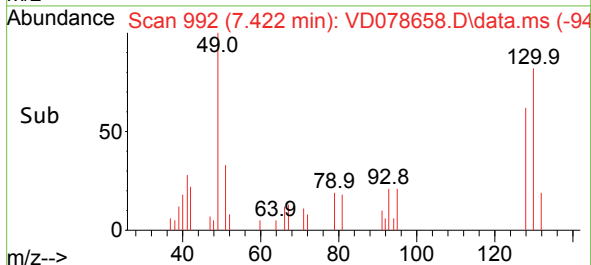
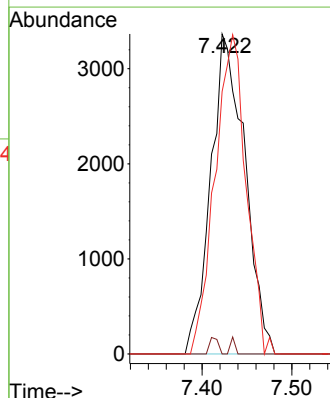
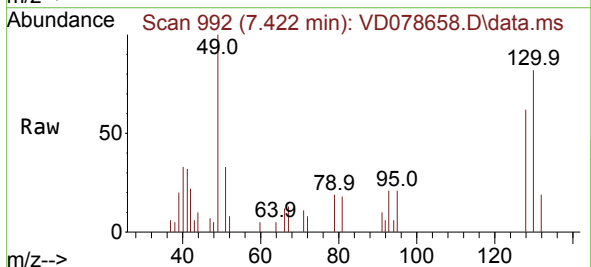
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

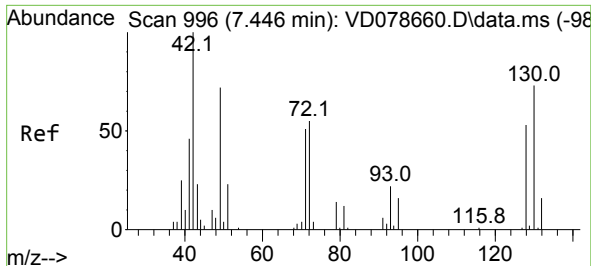
Tgt Ion: 96	Resp:	17369	
Ion	Ratio	Lower	Upper
96	100		
61	121.3	0.0	245.0
98	60.8	0.0	126.6



#28
 Bromochloromethane
 Concen: 10.291 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078658.D
 Acq: 14 Mar 2024 10:28

Tgt Ion: 49	Resp:	8847	
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	6.2
130	91.6	77.1	115.7





#29

Tetrahydrofuran

Concen: 47.495 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

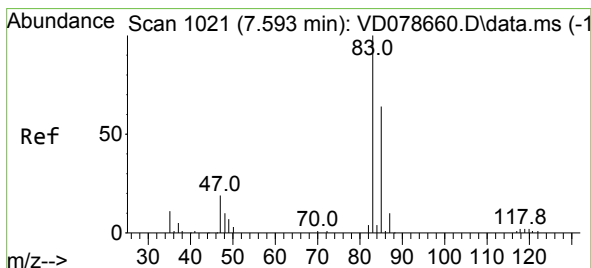
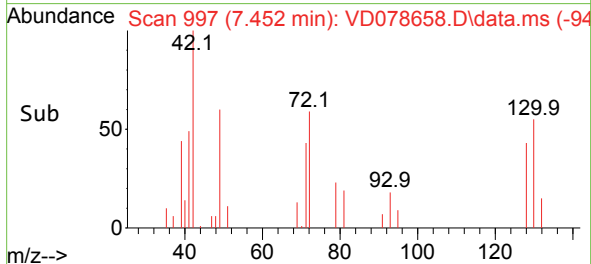
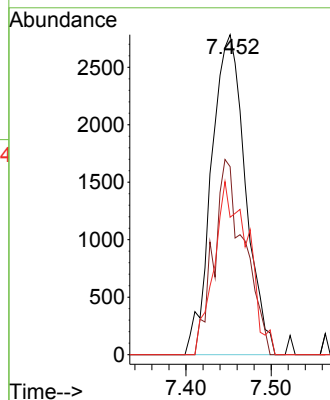
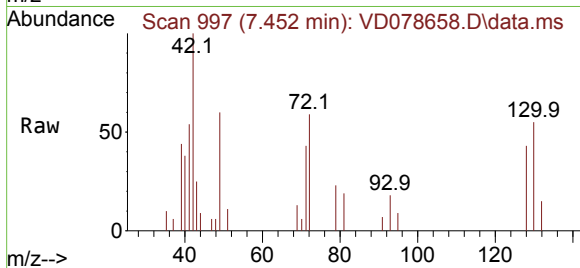
Tgt Ion: 42 Resp: 7712

Ion Ratio Lower Upper

42 100

72 55.0 43.8 65.6

71 53.8 42.0 63.0



#30

Chloroform

Concen: 11.179 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078658.D

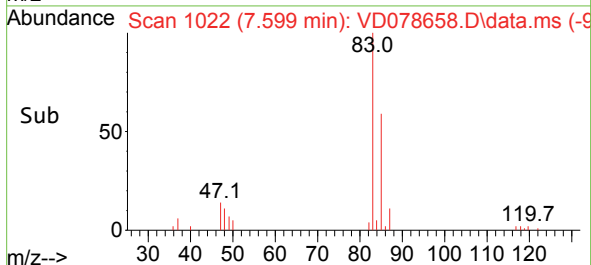
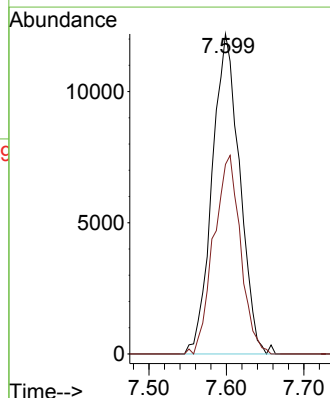
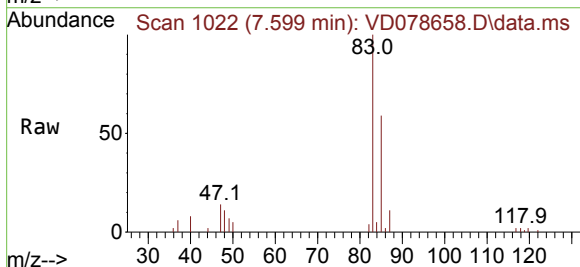
Acq: 14 Mar 2024 10:28

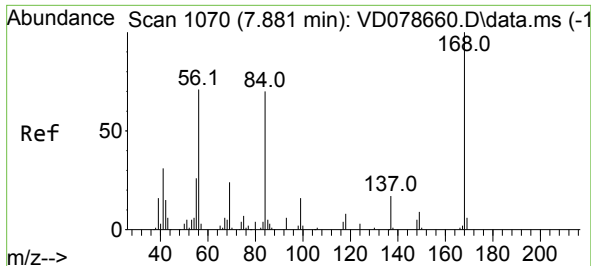
Tgt Ion: 83 Resp: 30056

Ion Ratio Lower Upper

83 100

85 59.3 51.2 76.8

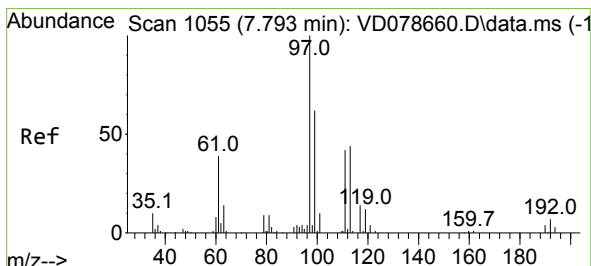
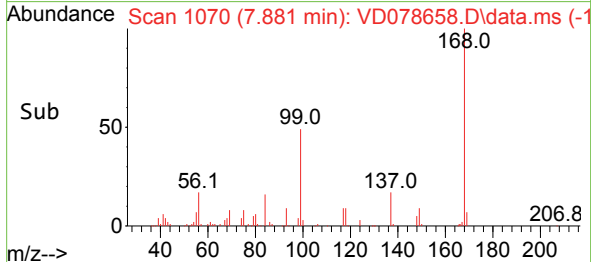
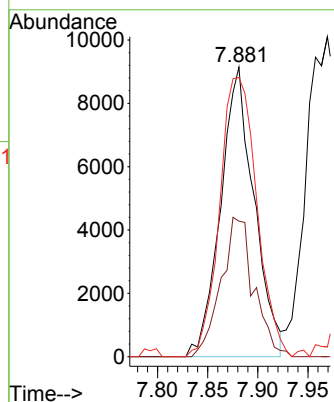
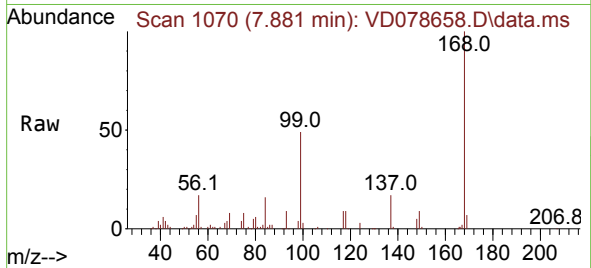




#31
Cyclohexane
Concen: 10.901 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

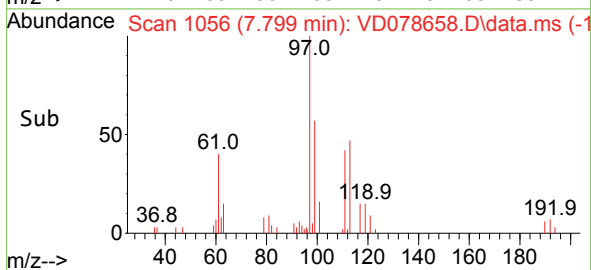
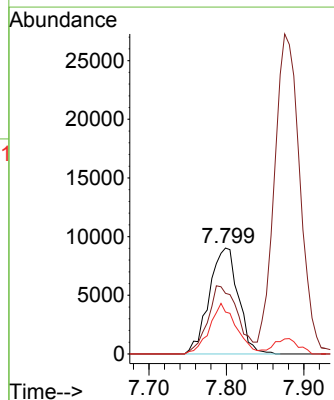
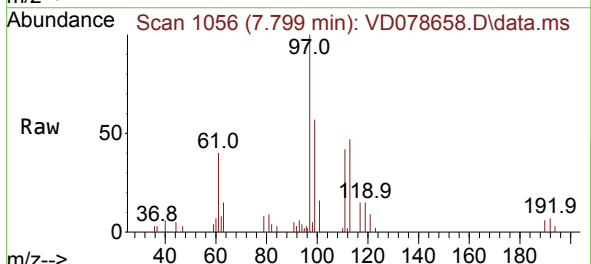
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

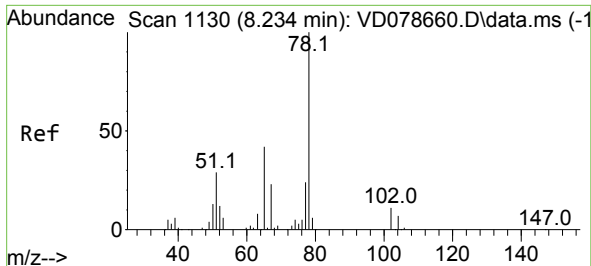
Tgt Ion: 56 Resp: 21277
Ion Ratio Lower Upper
56 100
69 46.8 26.6 40.0#
84 96.4 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 10.334 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 97 Resp: 23574
Ion Ratio Lower Upper
97 100
99 65.6 50.8 76.2
61 43.4 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 9.333 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

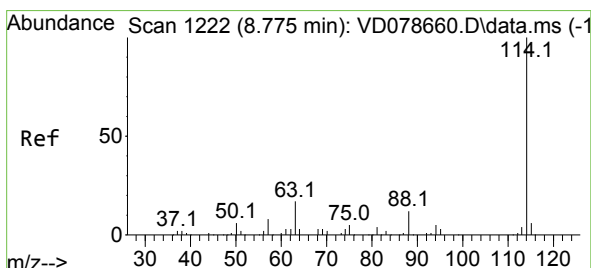
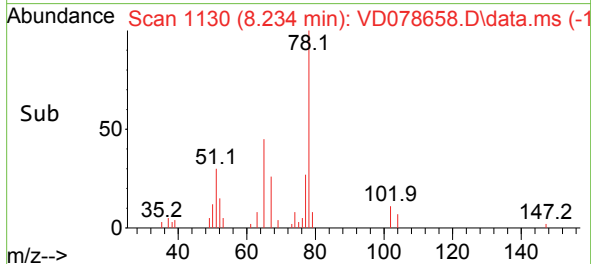
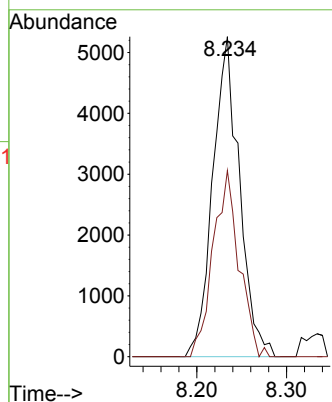
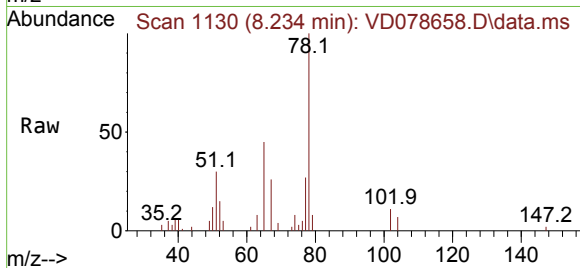
VSTDIC010

Tgt Ion: 65 Resp: 10837

Ion Ratio Lower Upper

65 100

67 56.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

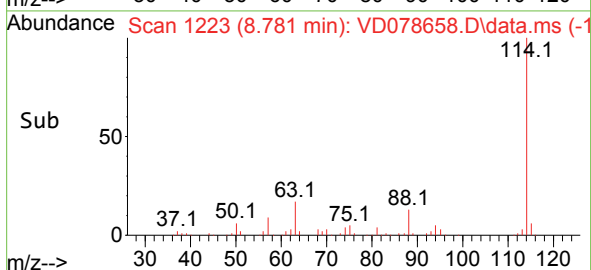
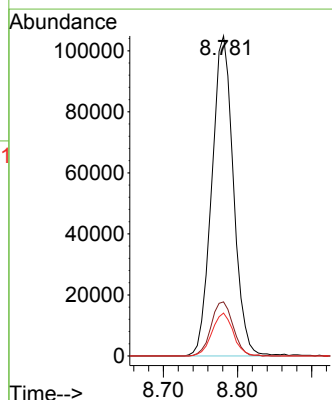
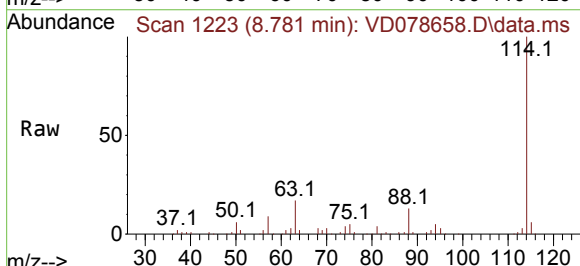
Tgt Ion: 114 Resp: 212441

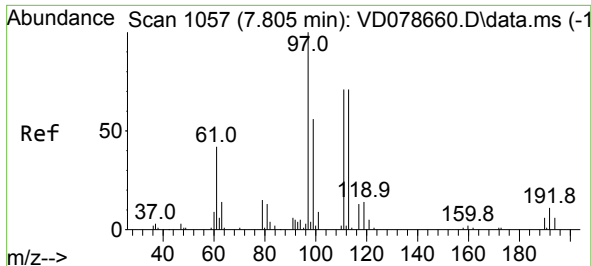
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 13.4 0.0 24.6

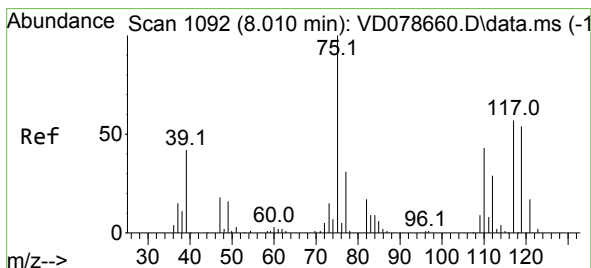
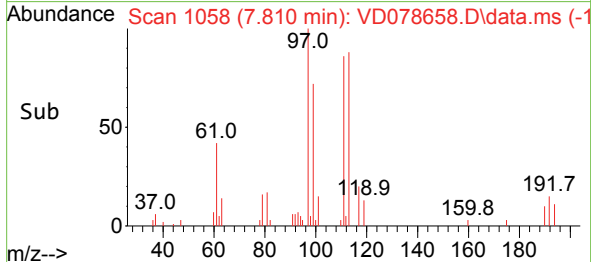
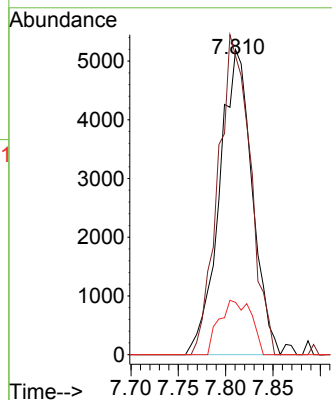
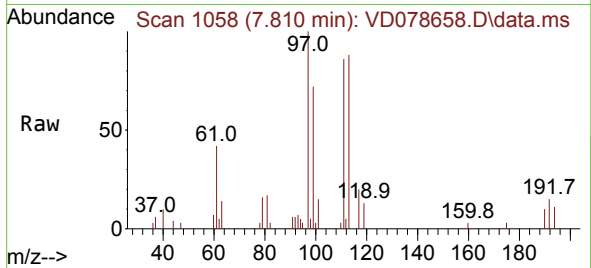




#35
Dibromofluoromethane
Concen: 9.149 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

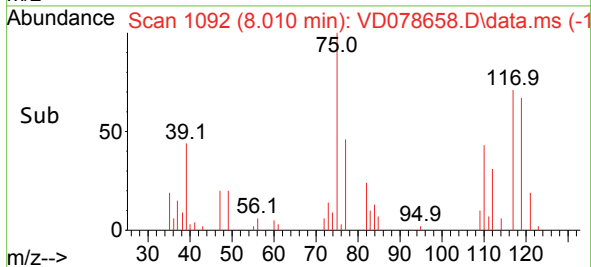
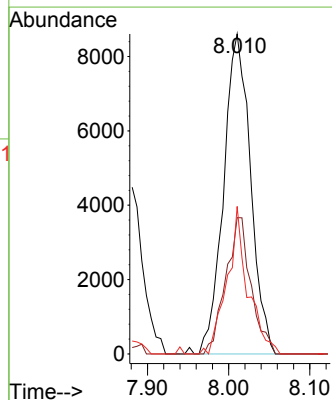
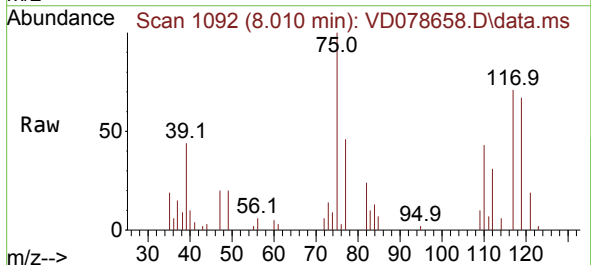
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

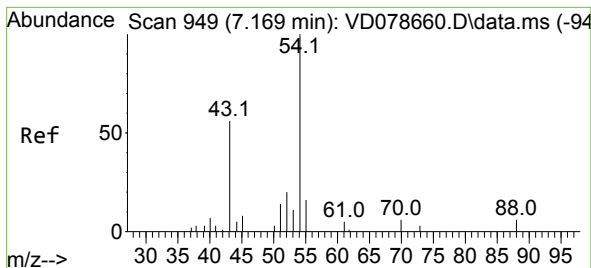
Tgt Ion:113 Resp: 12514
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 17.4 15.4 23.0



#36
1,1-Dichloropropene
Concen: 10.005 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 75 Resp: 19855
Ion Ratio Lower Upper
75 100
110 39.9 19.1 57.1
77 35.6 25.4 38.2





#37

Ethyl Acetate

Concen: 10.107 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

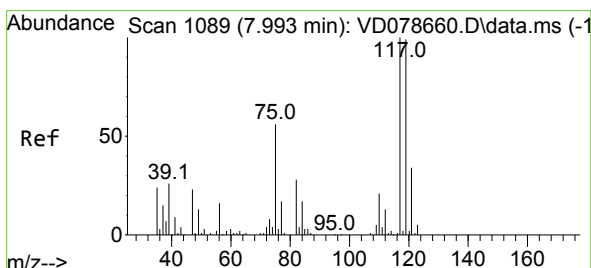
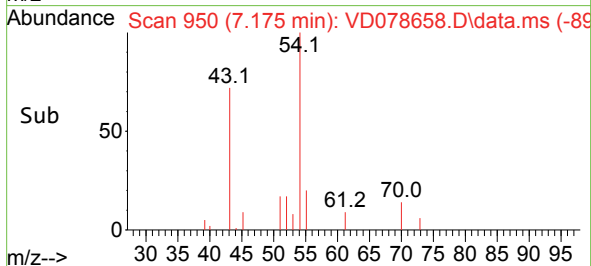
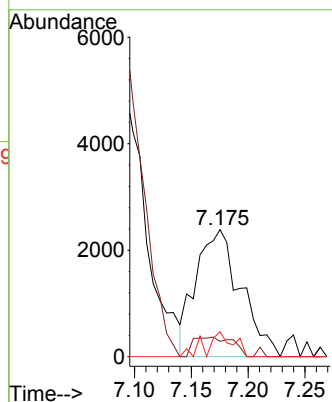
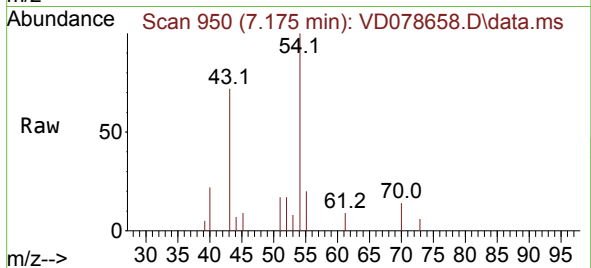
Tgt Ion: 43 Resp: 6553

Ion Ratio Lower Upper

43 100

61 13.6 14.6 21.8#

70 11.8 9.4 14.0



#38

Carbon Tetrachloride

Concen: 10.719 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

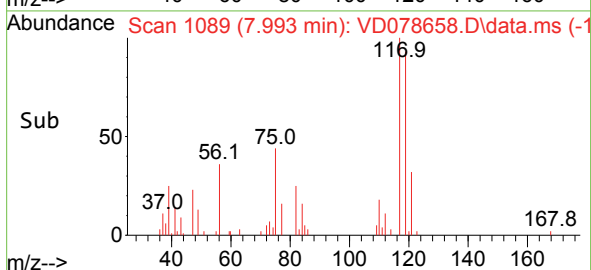
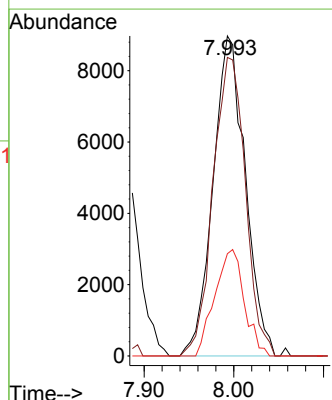
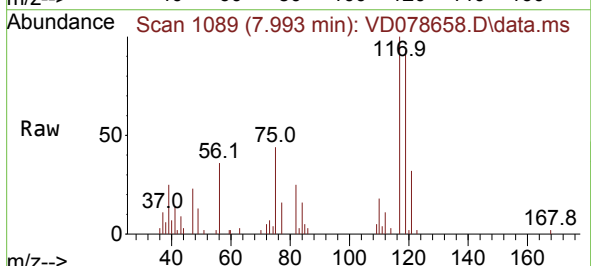
Tgt Ion: 117 Resp: 22427

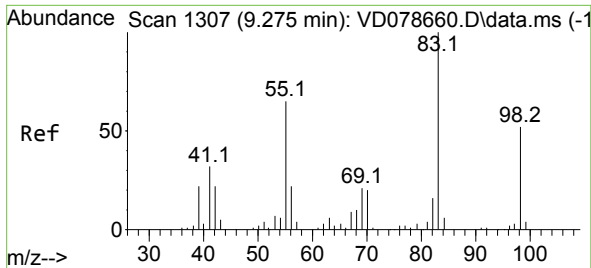
Ion Ratio Lower Upper

117 100

119 93.3 79.2 118.8

121 31.9 26.8 40.2





#39

Methylcyclohexane

Concen: 9.802 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

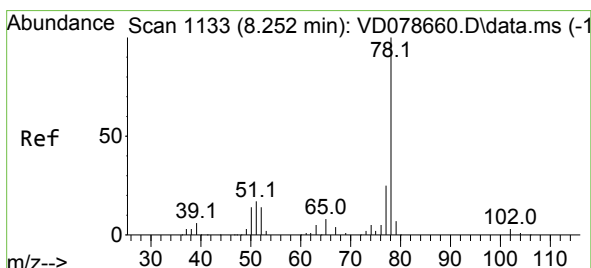
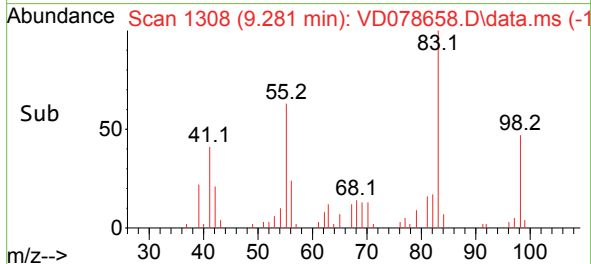
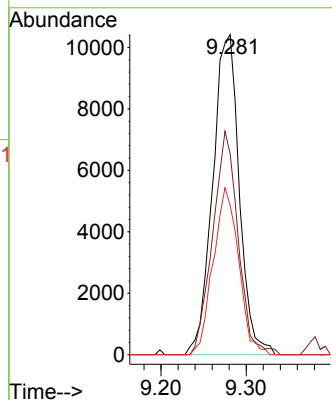
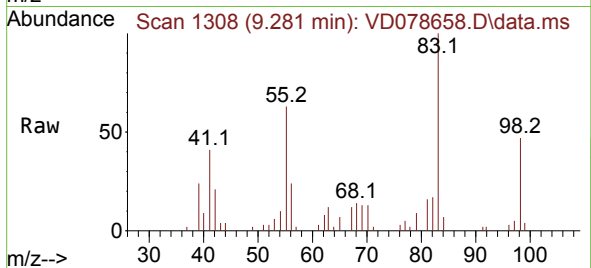
Tgt Ion: 83 Resp: 22567

Ion Ratio Lower Upper

83 100

55 62.9 51.7 77.5

98 46.7 41.4 62.0



#40

Benzene

Concen: 10.354 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078658.D

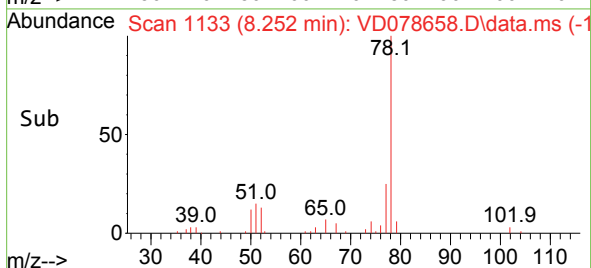
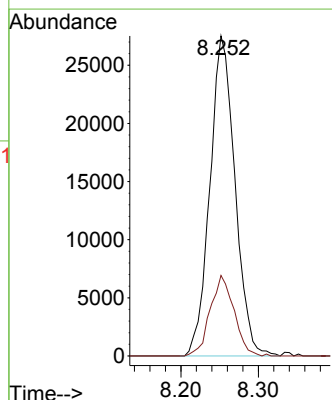
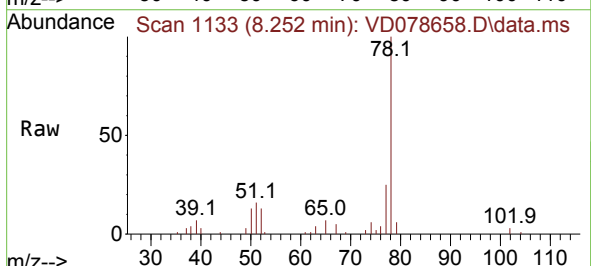
Acq: 14 Mar 2024 10:28

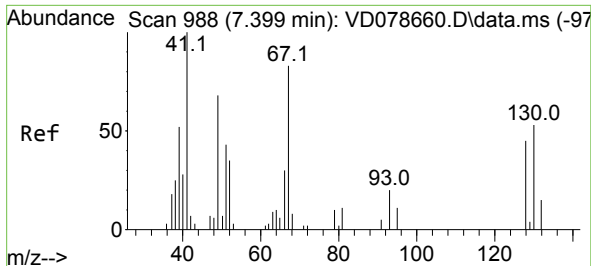
Tgt Ion: 78 Resp: 62113

Ion Ratio Lower Upper

78 100

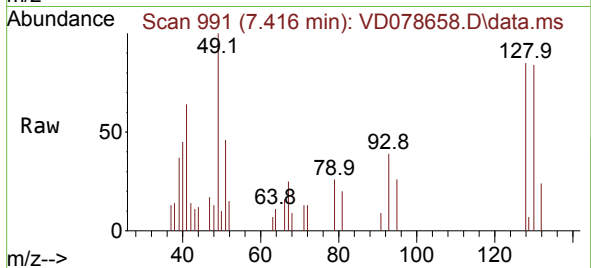
77 25.1 20.4 30.6



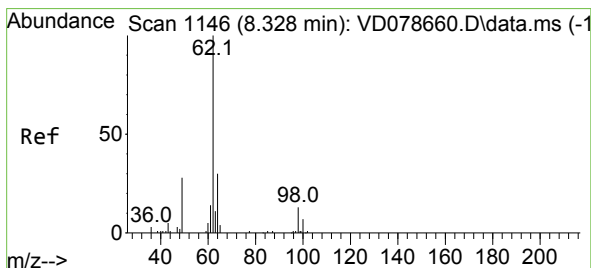
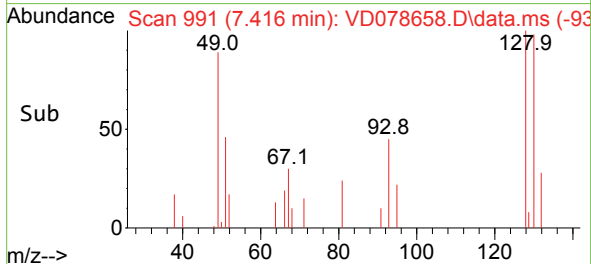
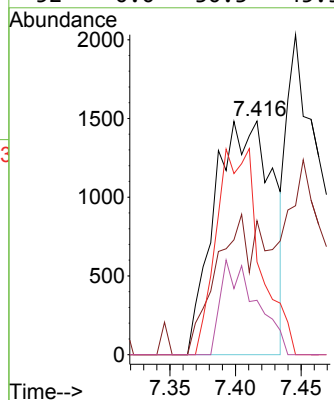


#41
Methacrylonitrile
Concen: 12.976 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.018 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

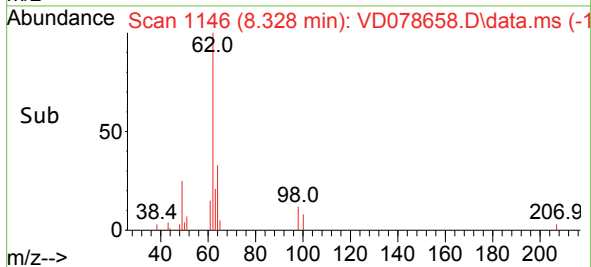
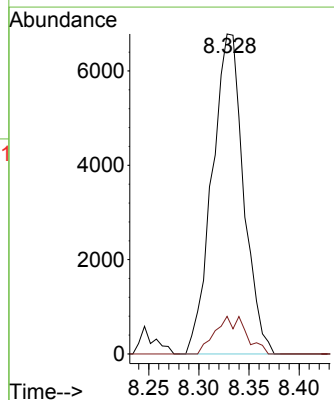
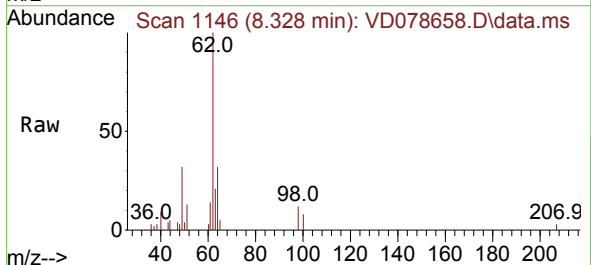


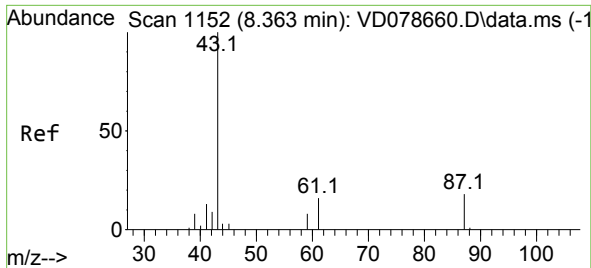
Tgt Ion:	41	Resp:	4582
Ion	Ratio	Lower	Upper
41	100		
39	33.7	39.8	59.6#
67	65.6	83.5	125.3#
52	0.0	30.3	45.5#



#42
1,2-Dichloroethane
Concen: 10.118 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion:	62	Resp:	14803
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	23.8

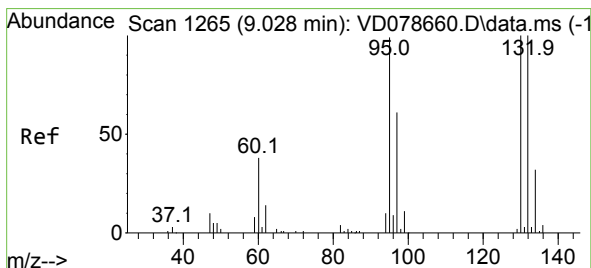
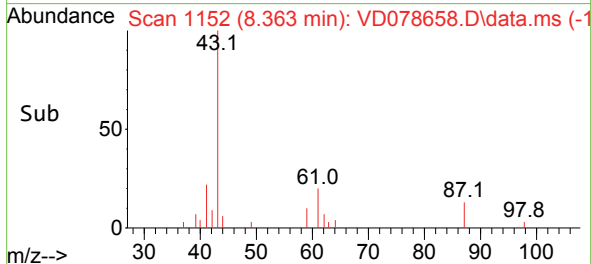
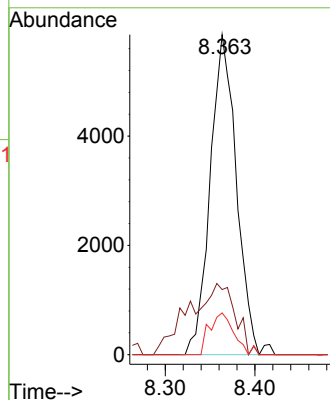
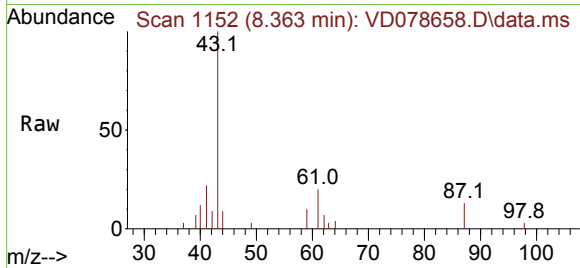




#43
Isopropyl Acetate
Concen: 10.115 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

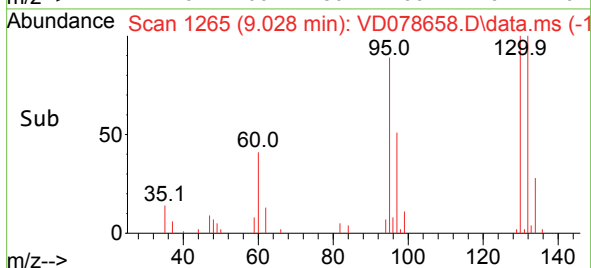
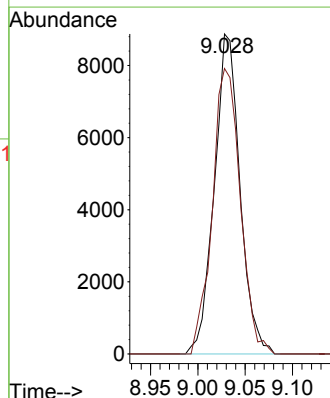
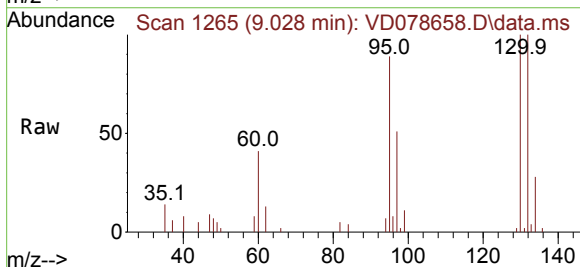
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

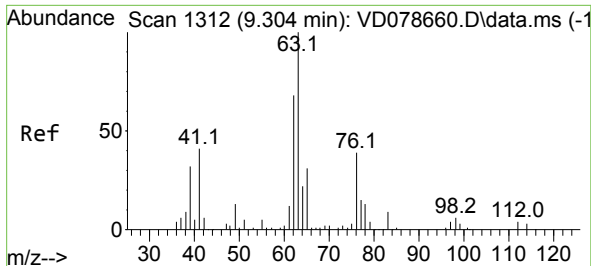
Tgt Ion: 43 Resp: 11926
Ion Ratio Lower Upper
43 100
61 23.5 30.1 45.1#
87 12.2 14.4 21.6#



#44
Trichloroethene
Concen: 10.312 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion:130 Resp: 16789
Ion Ratio Lower Upper
130 100
95 89.2 0.0 197.8





#45

1,2-Dichloropropane

Concen: 10.843 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

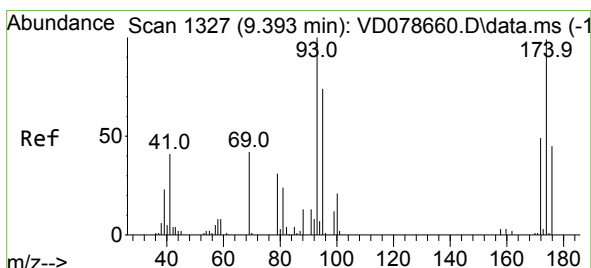
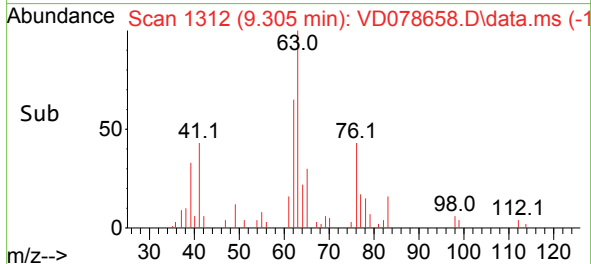
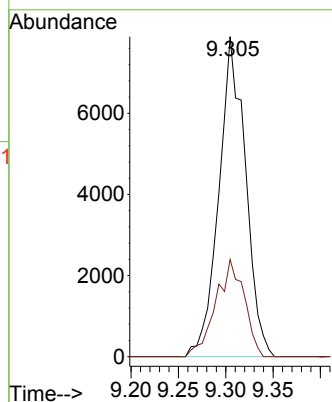
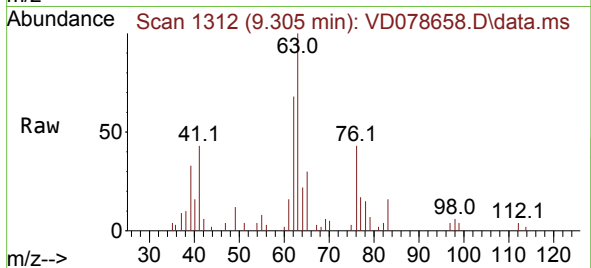
VSTDIC010

Tgt Ion: 63 Resp: 15431

Ion Ratio Lower Upper

63 100

65 30.4 24.8 37.2



#46

Dibromomethane

Concen: 10.222 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

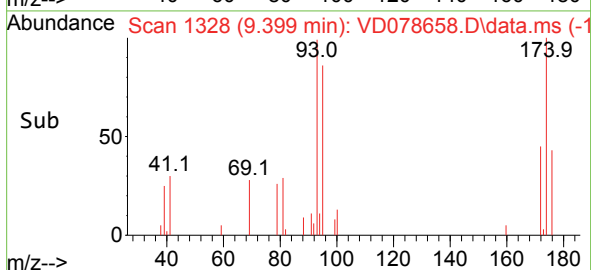
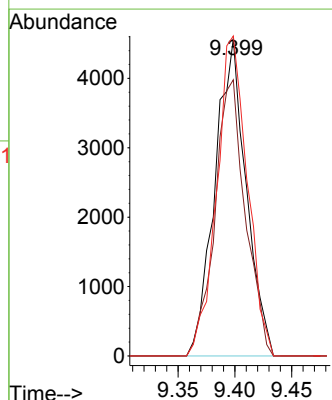
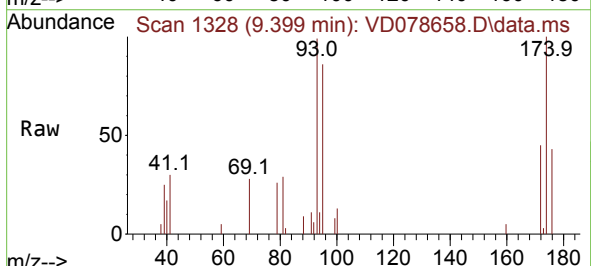
Tgt Ion: 93 Resp: 8720

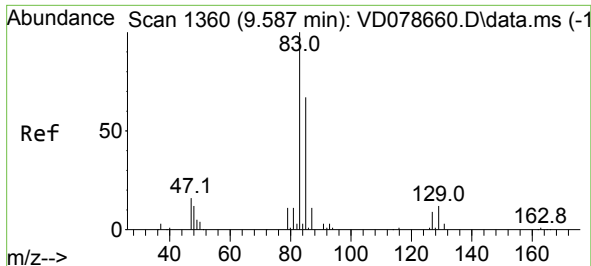
Ion Ratio Lower Upper

93 100

95 85.6 67.3 100.9

174 99.2 80.9 121.3

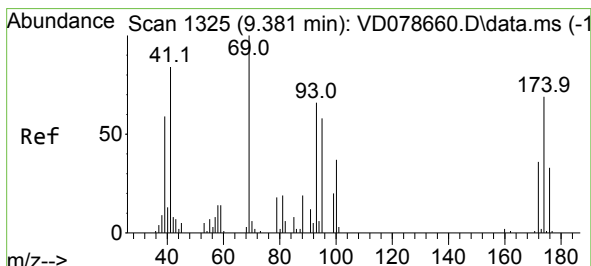
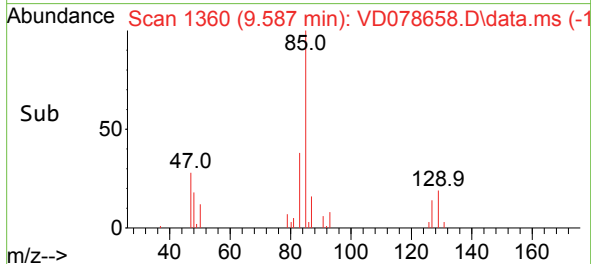
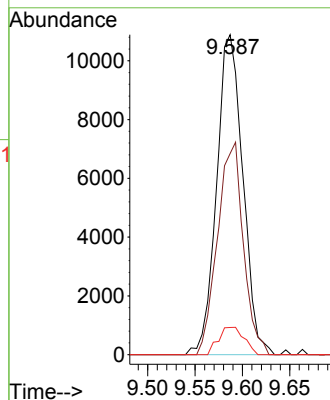
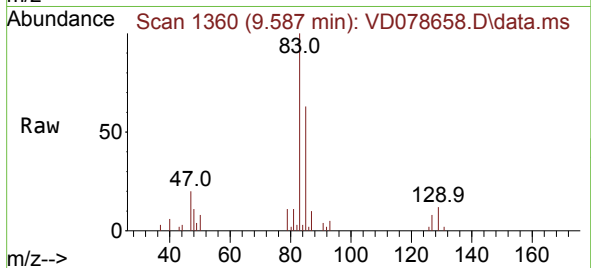




#47
Bromodichloromethane
Concen: 10.316 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

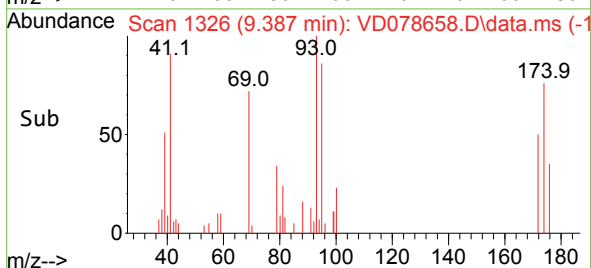
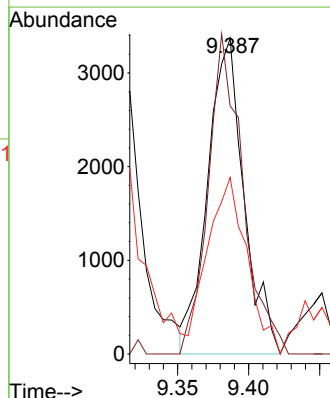
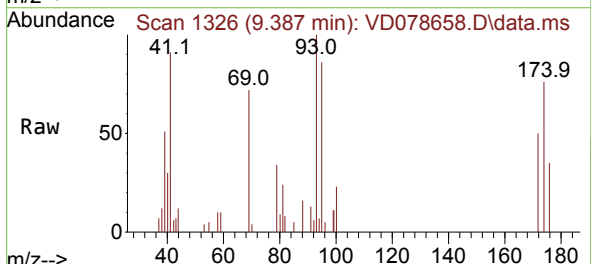
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

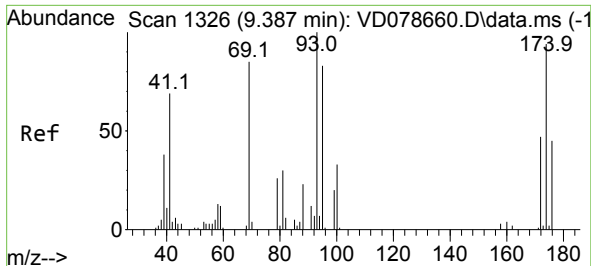
Tgt Ion:	83	Resp:	20951
Ion	Ratio	Lower	Upper
83	100		
85	62.8	54.0	81.0
127	8.5	7.1	10.7



#48
Methyl methacrylate
Concen: 10.411 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion:	41	Resp:	5981
Ion	Ratio	Lower	Upper
41	100		
69	96.9	88.3	132.5
39	60.4	46.6	69.8





#49

1,4-Dioxane

Concen: 187.753 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

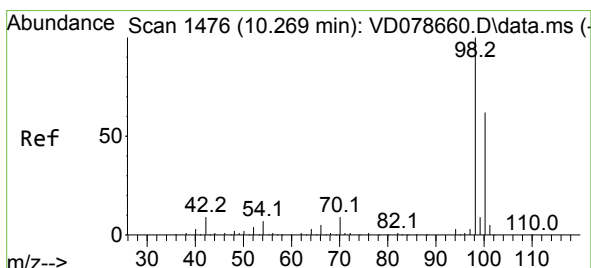
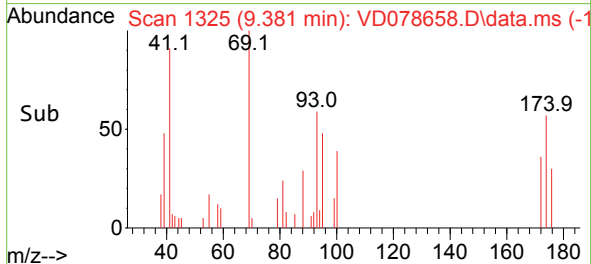
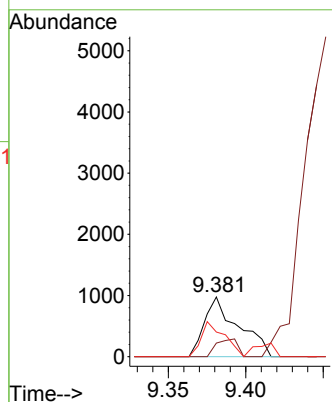
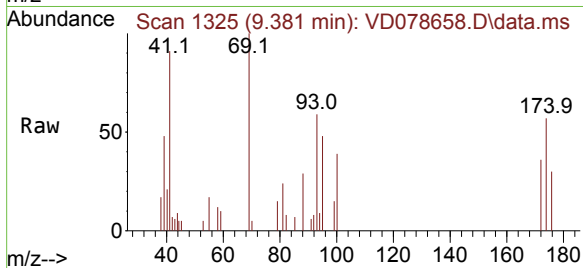
Tgt Ion: 88 Resp: 1483

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

58 40.1 51.0 76.6#



#50

Toluene-d8

Concen: 8.908 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078658.D

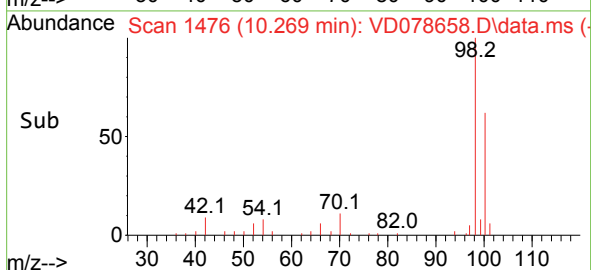
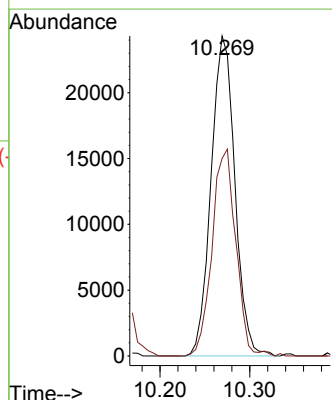
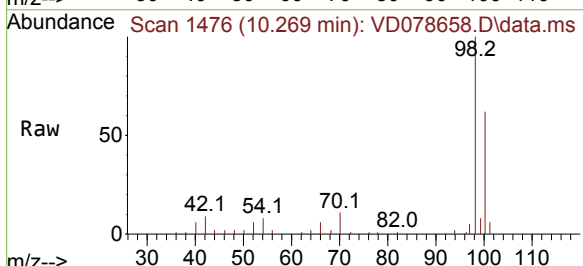
Acq: 14 Mar 2024 10:28

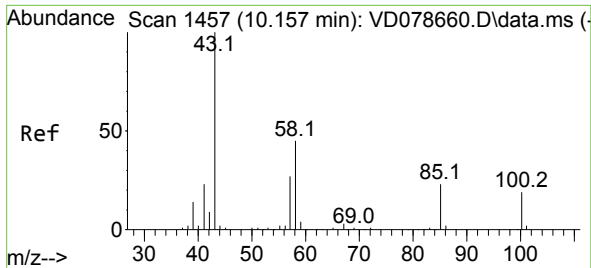
Tgt Ion: 98 Resp: 44810

Ion Ratio Lower Upper

98 100

100 64.3 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 47.120 ug/l

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

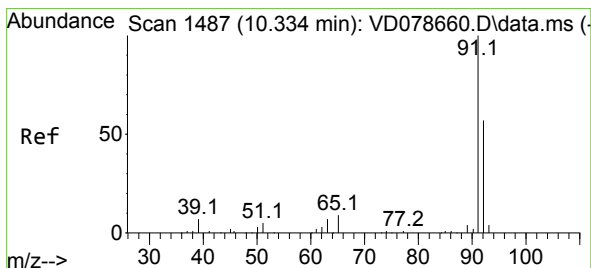
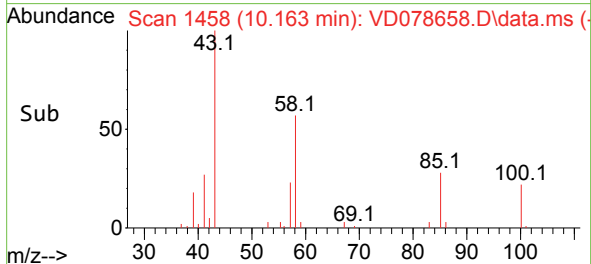
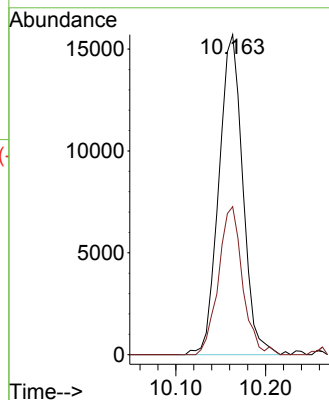
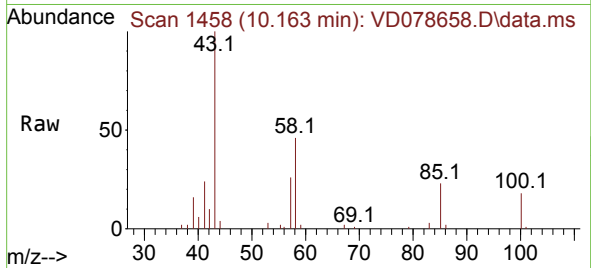
VSTDICC010

Tgt Ion: 43 Resp: 29045

Ion Ratio Lower Upper

43 100

58 46.8 36.4 54.6



#52

Toluene

Concen: 9.877 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078658.D

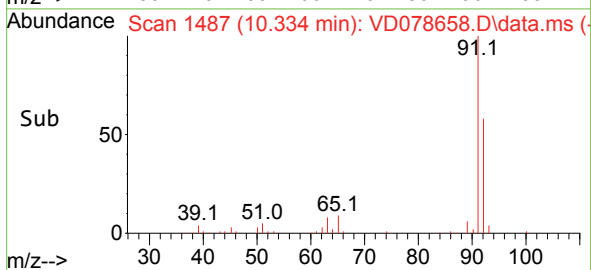
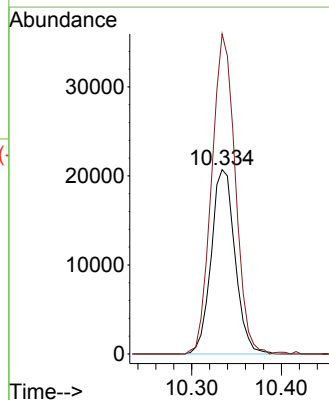
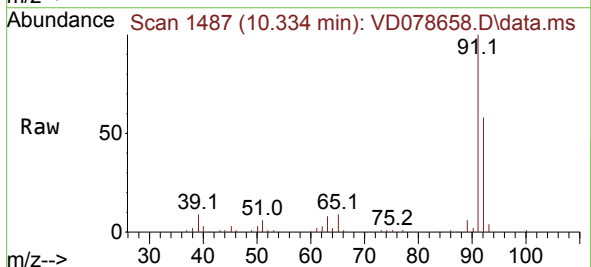
Acq: 14 Mar 2024 10:28

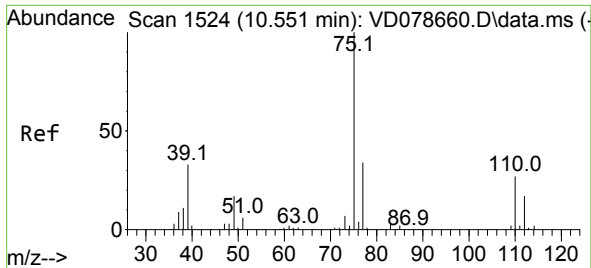
Tgt Ion: 92 Resp: 38149

Ion Ratio Lower Upper

92 100

91 171.9 136.6 205.0

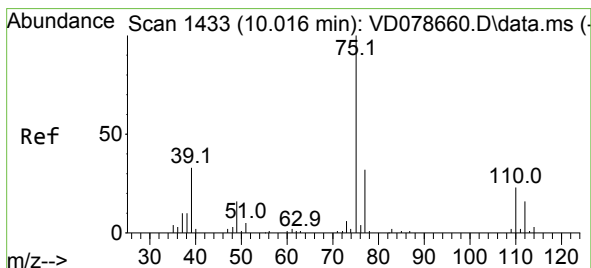
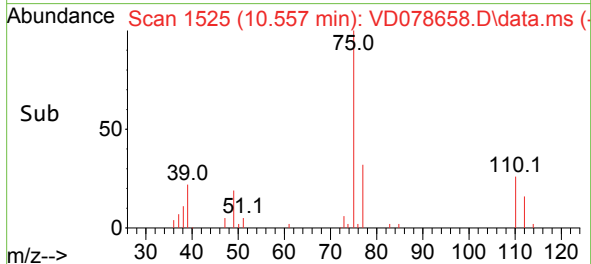
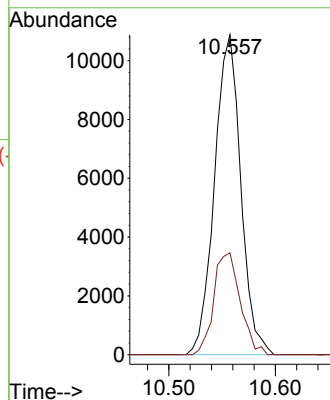
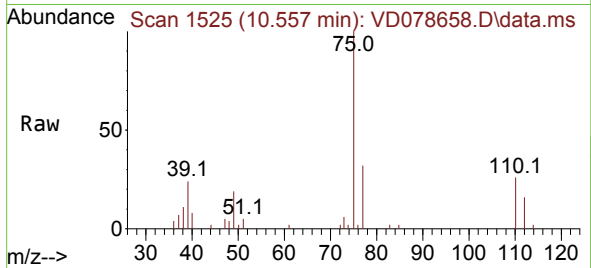




#53
t-1,3-Dichloropropene
Concen: 10.029 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

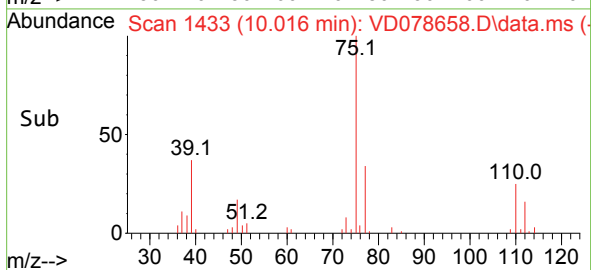
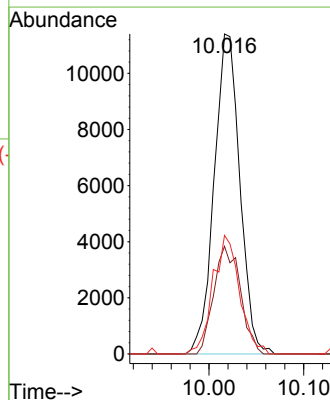
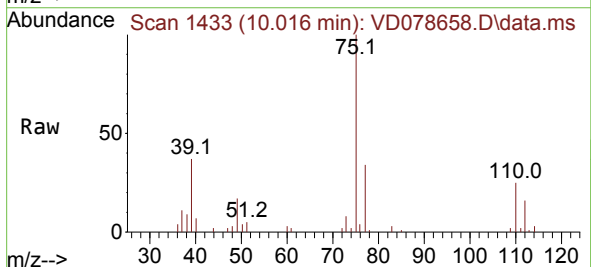
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

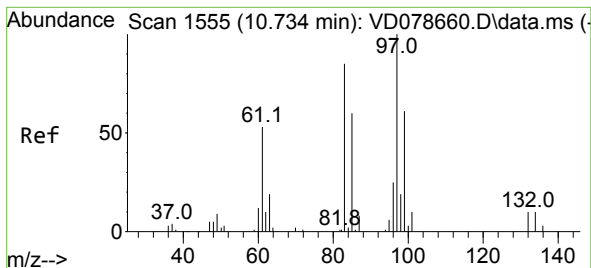
Tgt Ion: 75 Resp: 18622
Ion Ratio Lower Upper
75 100
77 31.9 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 9.617 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 75 Resp: 21466
Ion Ratio Lower Upper
75 100
77 33.6 25.4 38.0
39 37.1 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 10.316 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078658.D

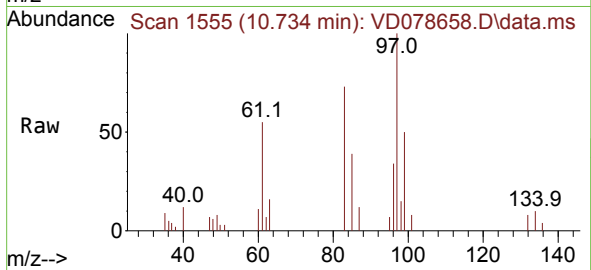
Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010



Tgt Ion: 97 Resp: 11785

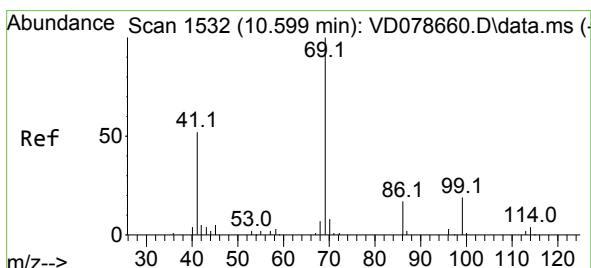
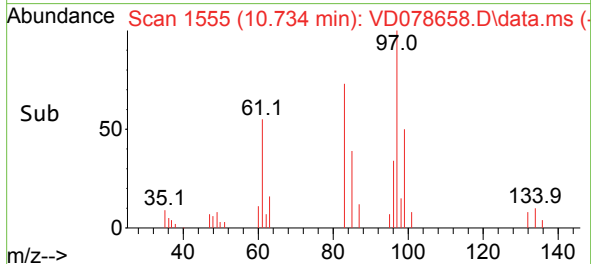
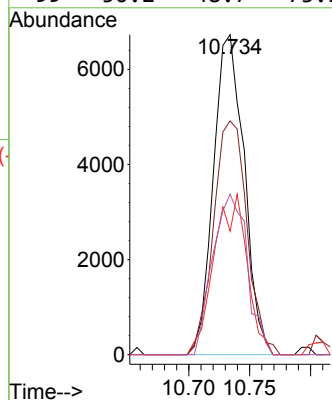
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

97	100		
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83	73.1	68.1	102.1
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85	38.6	48.2	72.2#
----	------	------	-------

99	50.2	48.7	73.1
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#56

Ethyl methacrylate

Concen: 8.948 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

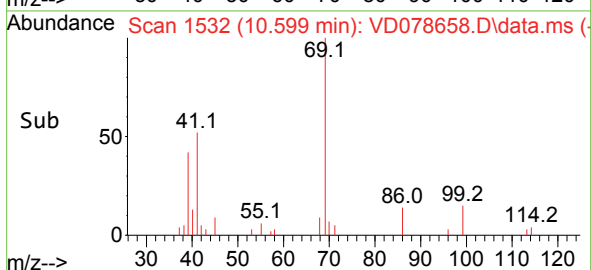
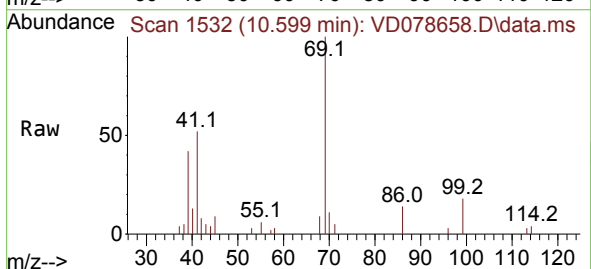
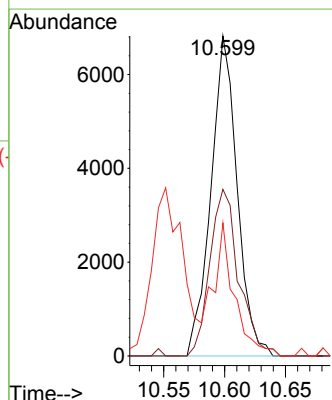
Tgt Ion: 69 Resp: 10248

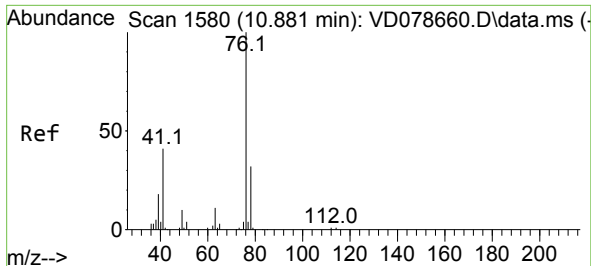
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

69	100		
----	-----	--	--

41	57.3	40.9	61.3
----	------	------	------

39	33.2	25.5	38.3
----	------	------	------





#57

1,3-Dichloropropane

Concen: 10.058 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

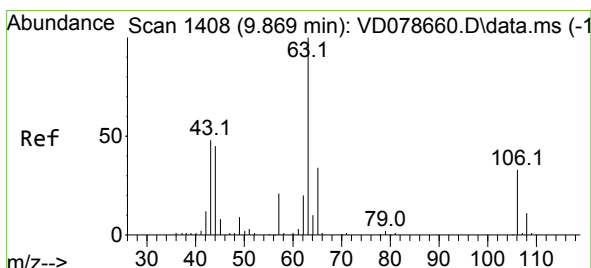
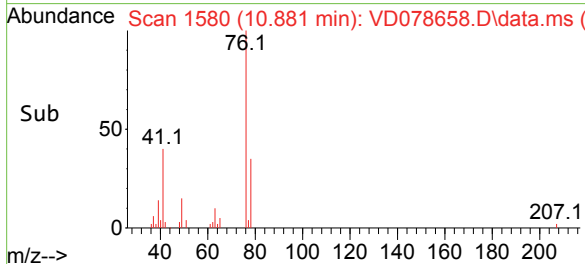
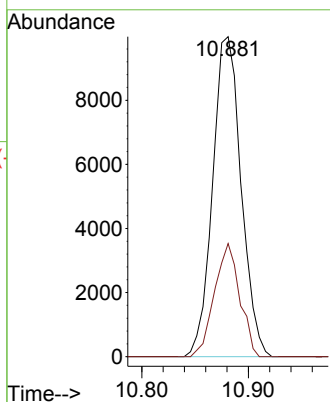
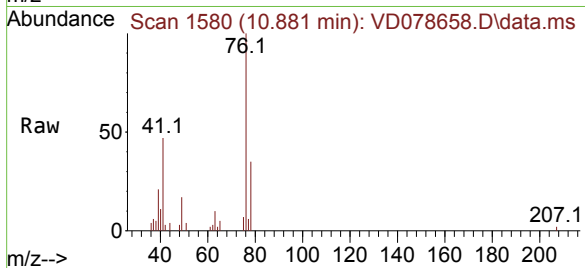
VSTDIC010

Tgt Ion: 76 Resp: 18540

Ion Ratio Lower Upper

76 100

78 31.3 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 47.327 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078658.D

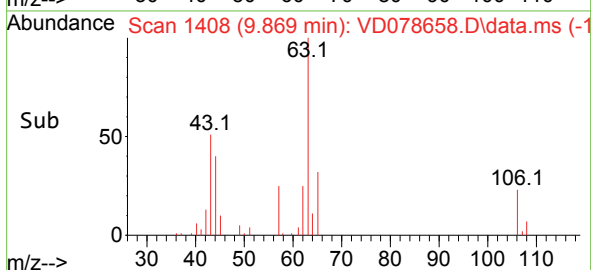
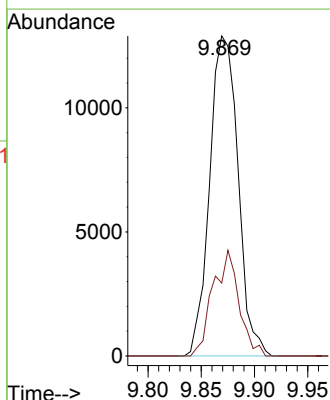
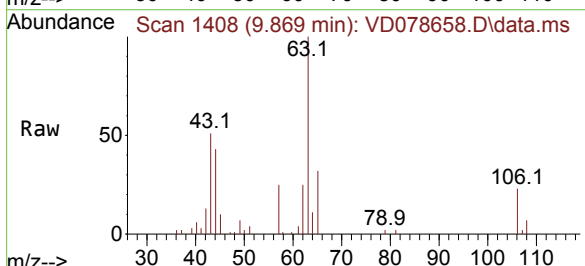
Acq: 14 Mar 2024 10:28

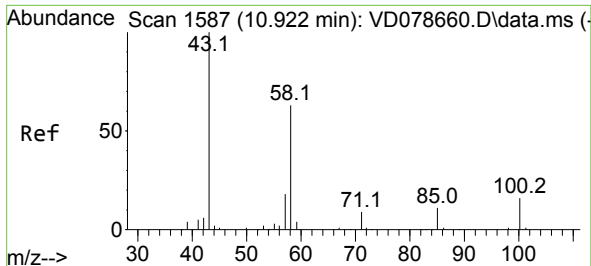
Tgt Ion: 63 Resp: 23899

Ion Ratio Lower Upper

63 100

106 30.3 25.2 37.8

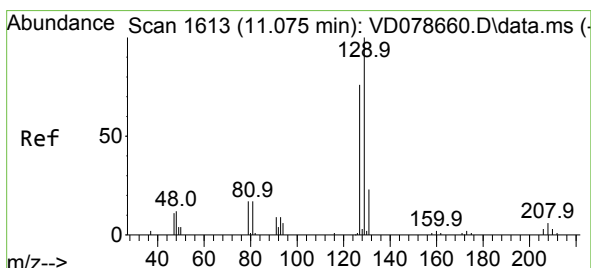
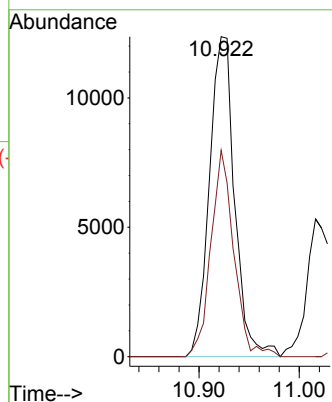
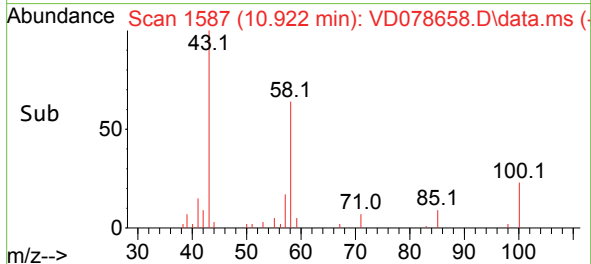
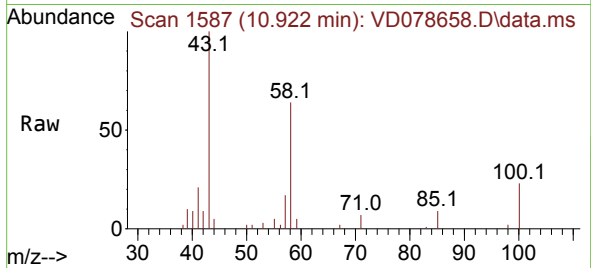




#59
2-Hexanone
Concen: 47.410 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

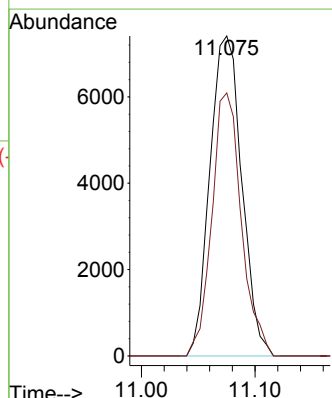
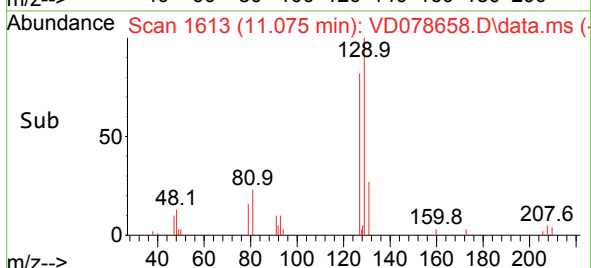
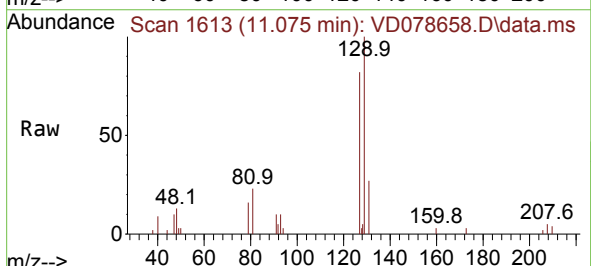
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

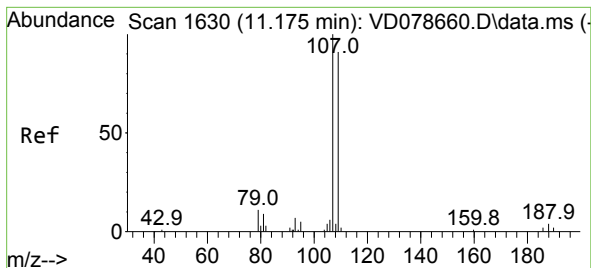
Tgt Ion: 43 Resp: 21664
Ion Ratio Lower Upper
43 100
58 58.6 31.5 94.5



#60
Dibromochloromethane
Concen: 10.245 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 129 Resp: 14433
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 10.253 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

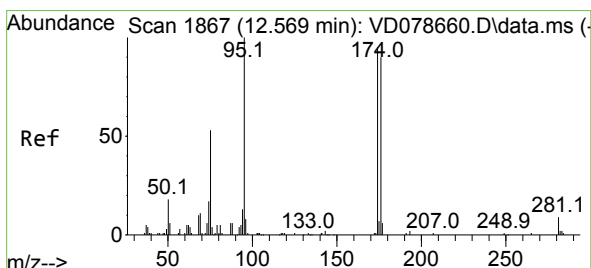
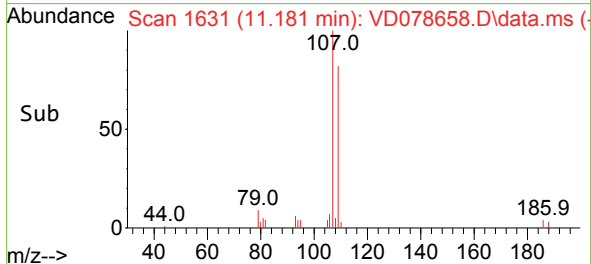
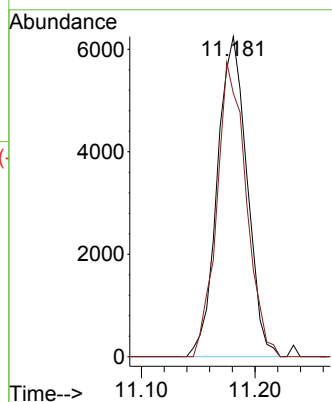
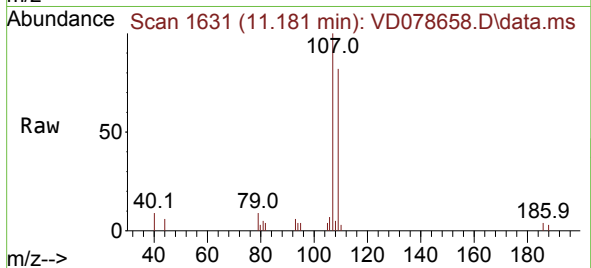
VSTDIC010

Tgt Ion:107 Resp: 11335

Ion Ratio Lower Upper

107 100

109 91.2 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 8.747 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

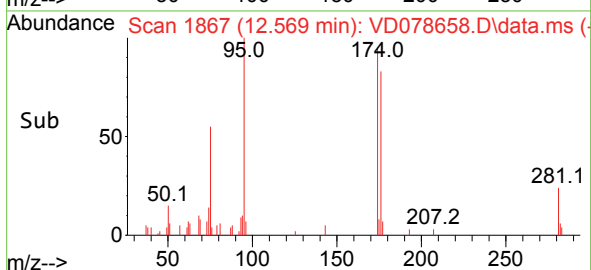
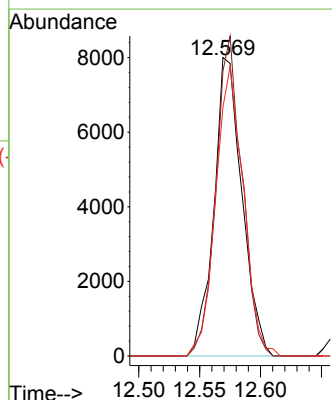
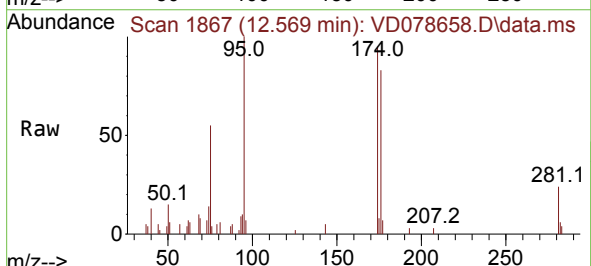
Tgt Ion: 95 Resp: 12873

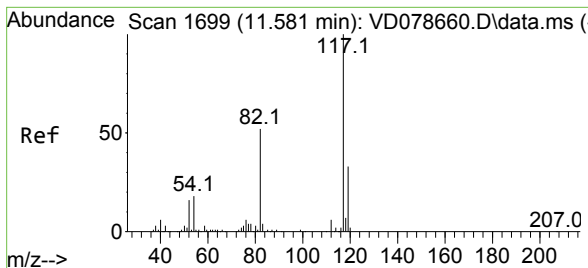
Ion Ratio Lower Upper

95 100

174 99.3 0.0 195.2

176 95.7 0.0 188.2

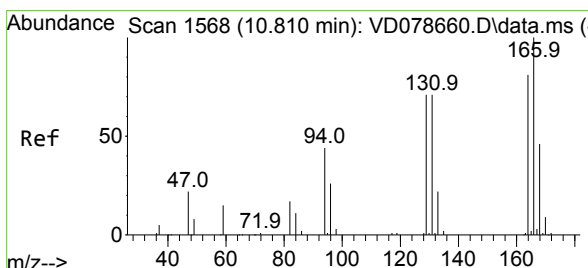
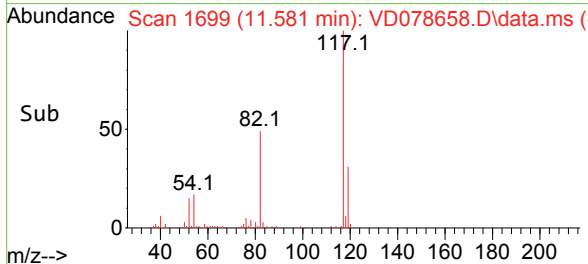
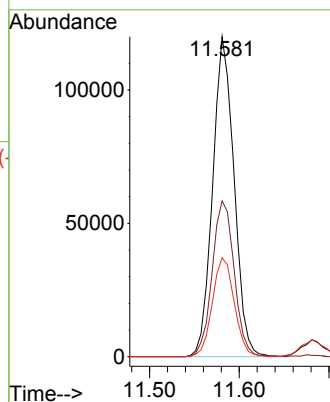
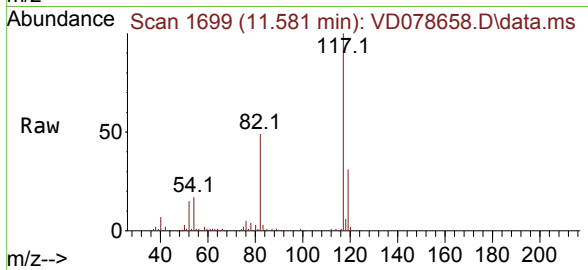




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

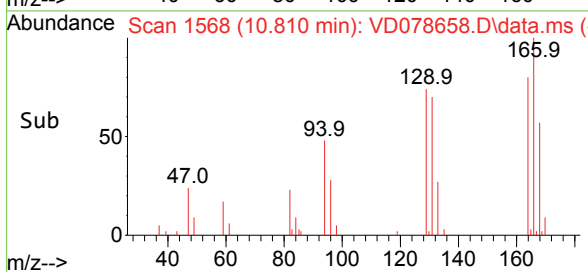
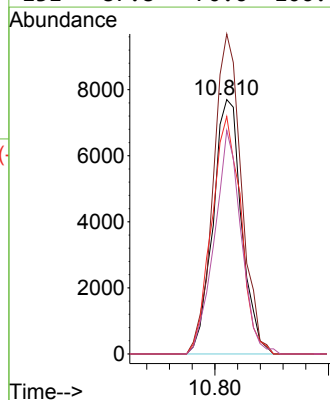
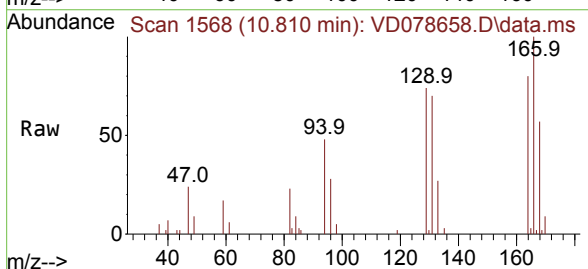
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

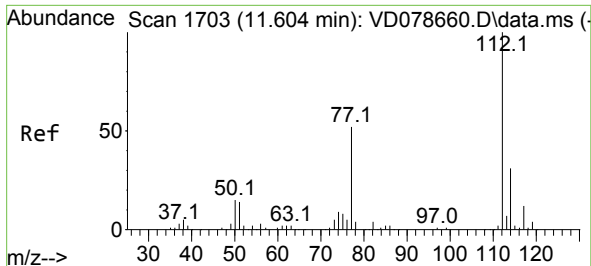
Tgt Ion:117 Resp: 198468
Ion Ratio Lower Upper
117 100
82 48.7 41.4 62.2
119 30.9 26.5 39.7



#64
Tetrachloroethene
Concen: 10.233 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion:164 Resp: 13440
Ion Ratio Lower Upper
164 100
166 125.8 98.9 148.3
129 93.3 70.3 105.5
131 87.8 70.6 106.0

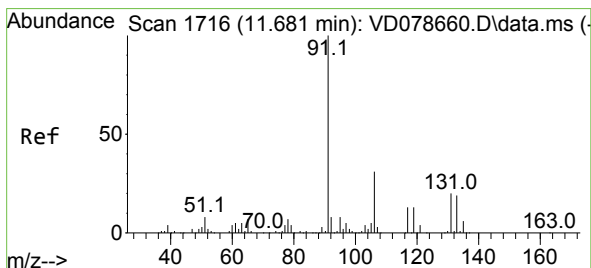
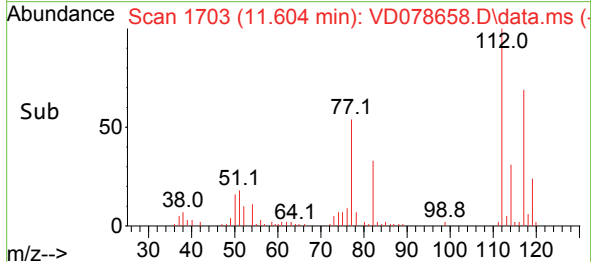
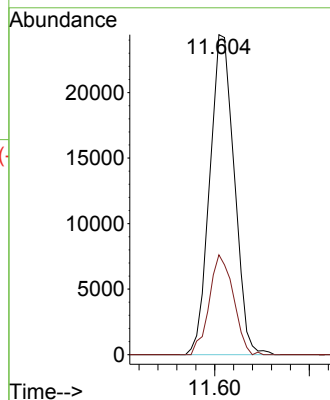
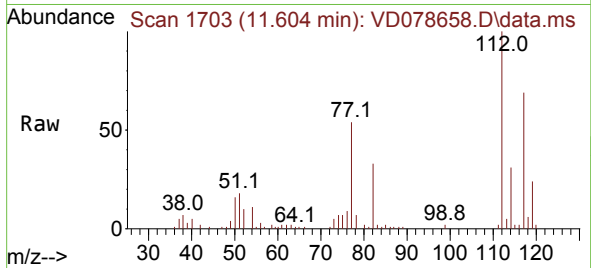




#65
Chlorobenzene
Concen: 10.600 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

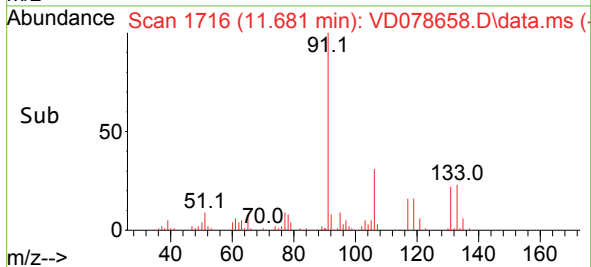
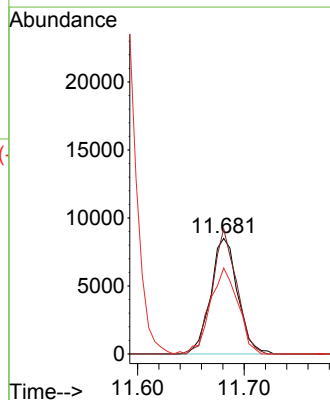
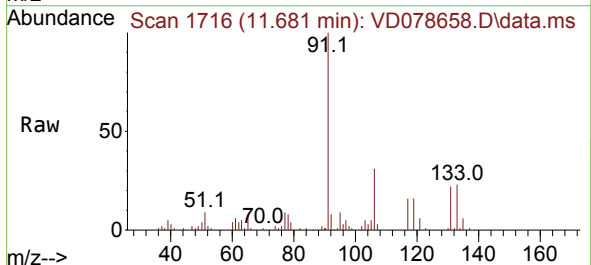
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

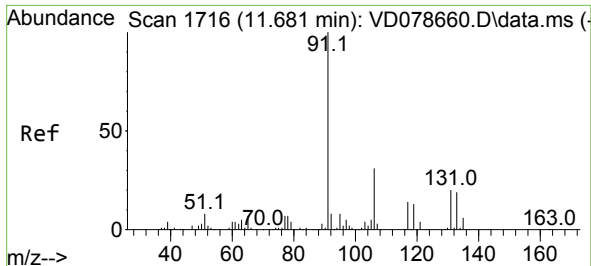
Tgt Ion:112 Resp: 43963
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 9.818 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion:131 Resp: 14913
Ion Ratio Lower Upper
131 100
133 99.6 47.6 142.9
119 76.5 34.1 102.3

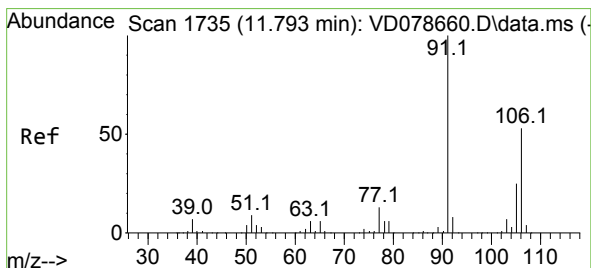
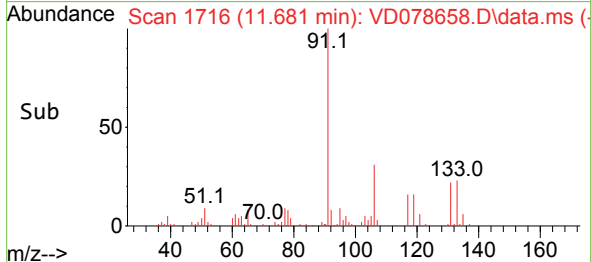
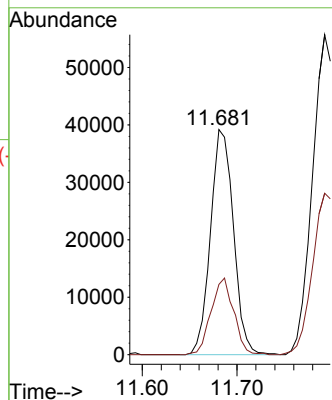
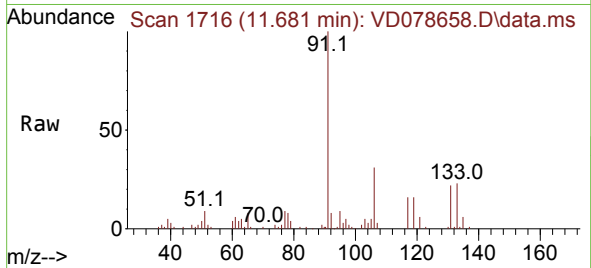




#67
Ethyl Benzene
Concen: 9.370 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

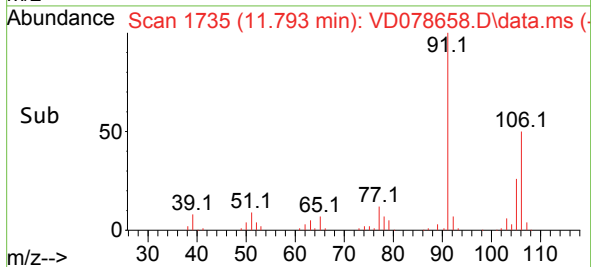
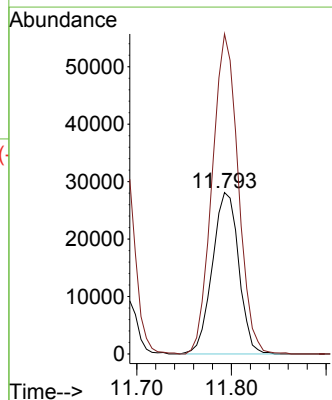
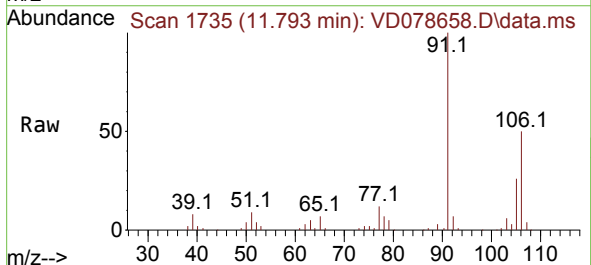
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

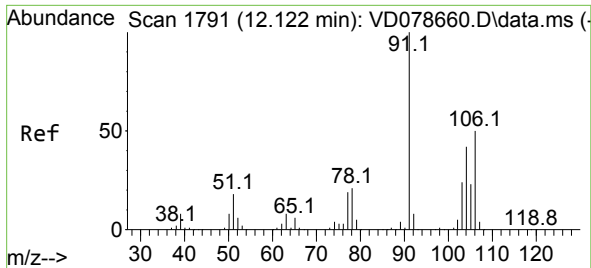
Tgt Ion: 91 Resp: 66223
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7



#68
m/p-Xylenes
Concen: 18.952 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 106 Resp: 54388
Ion Ratio Lower Upper
106 100
91 195.7 154.4 231.6

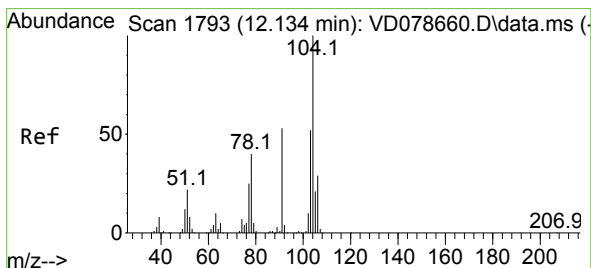
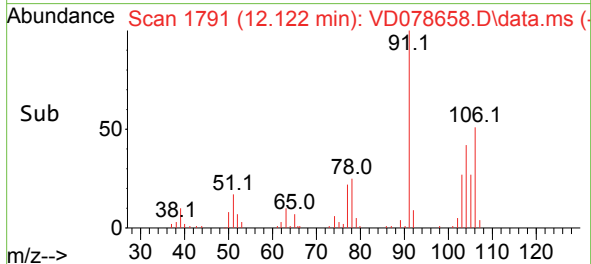
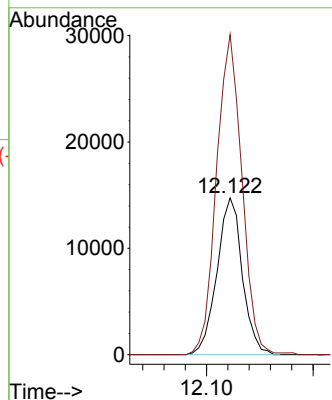
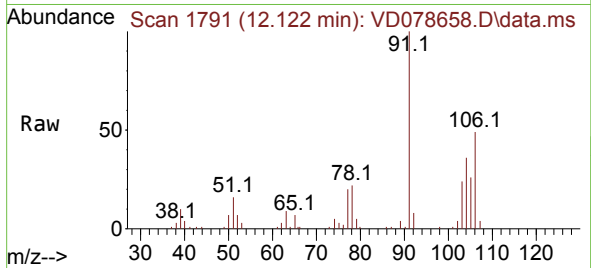




#69
o-Xylene
Concen: 9.160 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

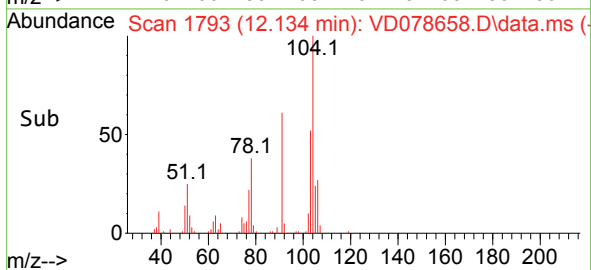
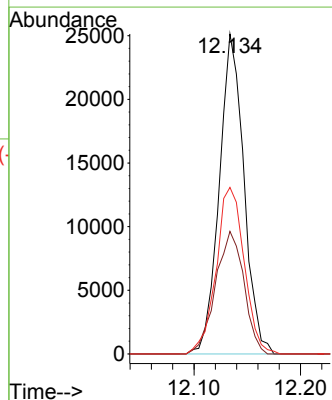
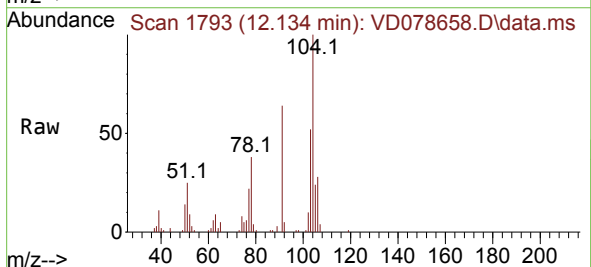
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

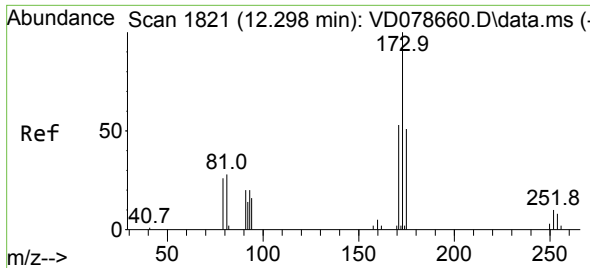
Tgt Ion:106 Resp: 24321
Ion Ratio Lower Upper
106 100
91 205.2 99.6 298.7



#70
Styrene
Concen: 9.045 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion:104 Resp: 40310
Ion Ratio Lower Upper
104 100
78 44.2 34.6 52.0
103 59.4 44.2 66.2

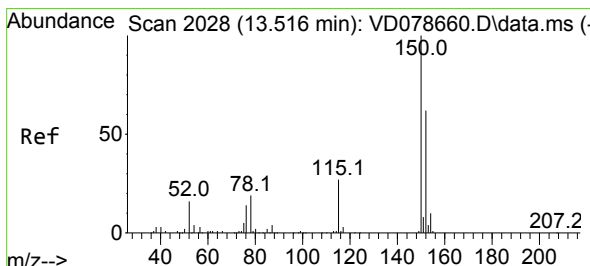
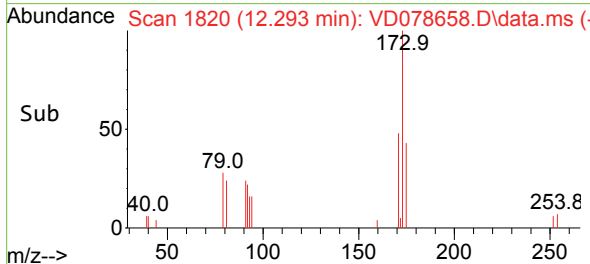
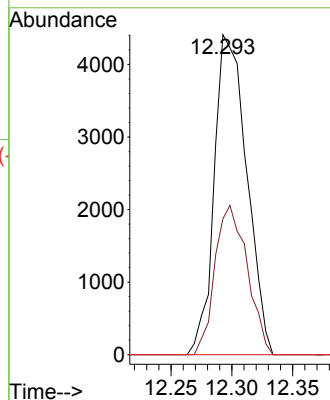
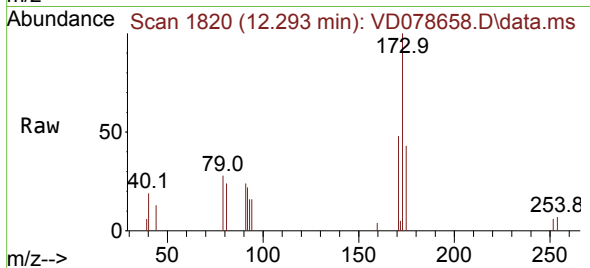




#71
Bromoform
Concen: 9.987 ug/l
RT: 12.293 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

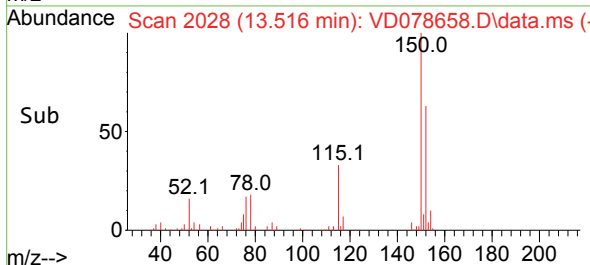
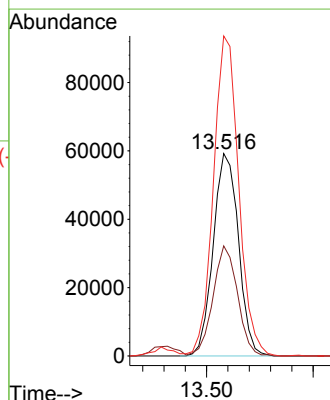
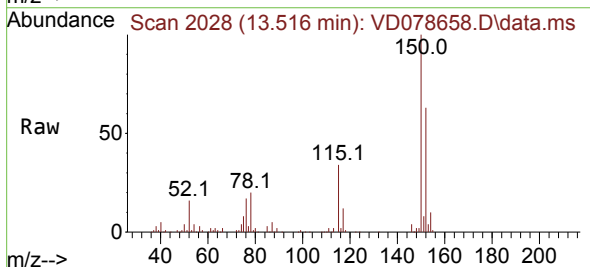
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

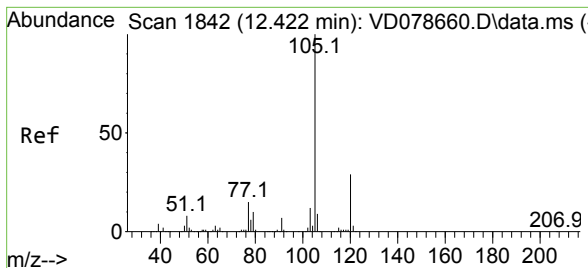
Tgt Ion:173 Resp: 8198
Ion Ratio Lower Upper
173 100
175 46.3 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion:152 Resp: 97336
Ion Ratio Lower Upper
152 100
115 52.8 27.1 81.2
150 158.1 0.0 350.2





#73

Isopropylbenzene

Concen: 9.896 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

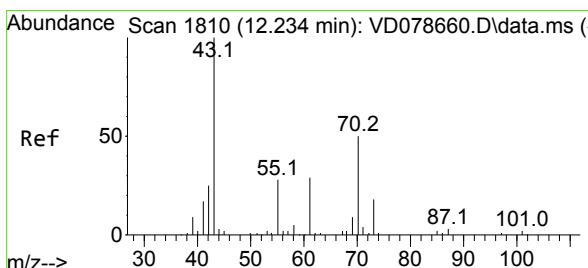
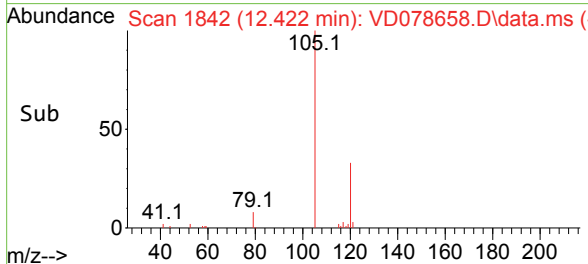
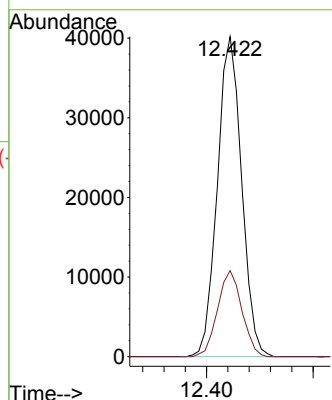
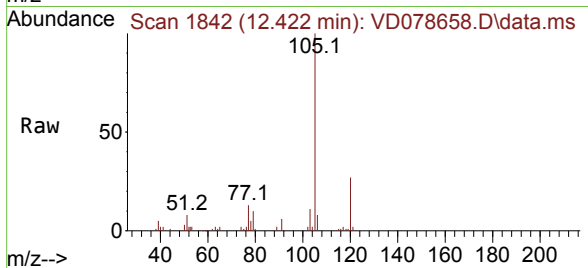
VSTDIC010

Tgt Ion:105 Resp: 63420

Ion Ratio Lower Upper

105 100

120 26.9 13.7 41.0



#74

N-ethyl acetate

Concen: 9.719 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Tgt Ion: 43 Resp: 10113

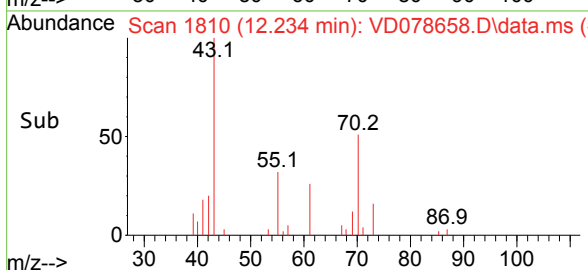
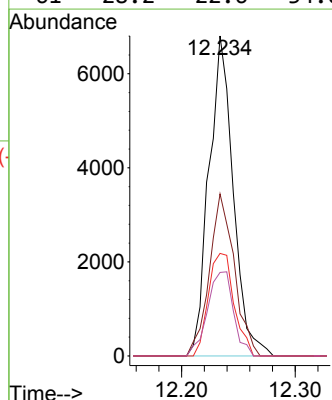
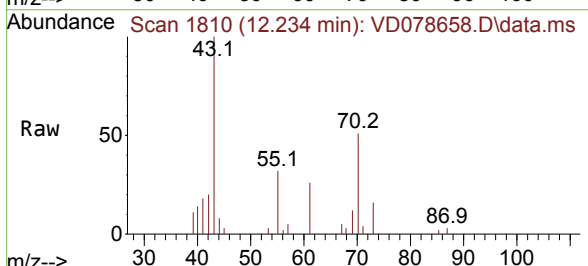
Ion Ratio Lower Upper

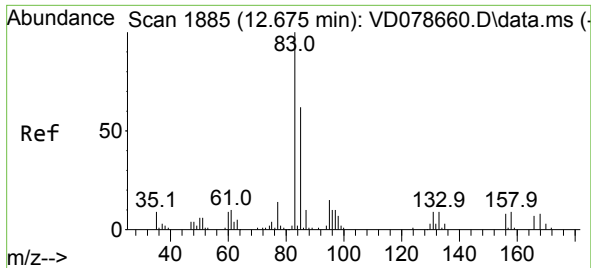
43 100

70 51.9 42.1 63.1

55 33.9 22.6 33.8#

61 28.2 22.6 34.0

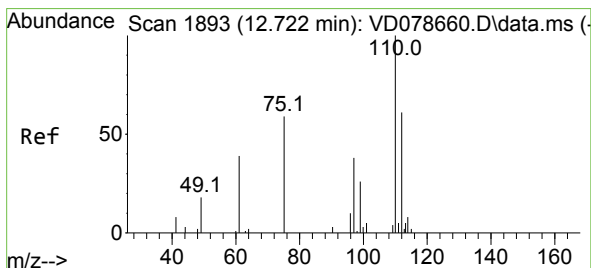
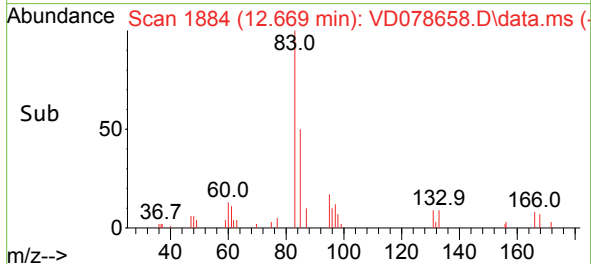
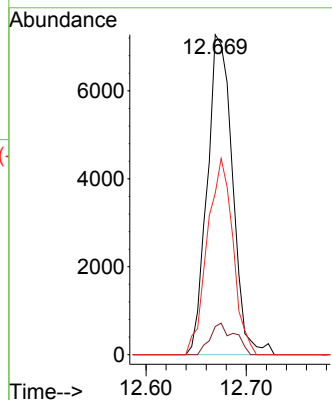
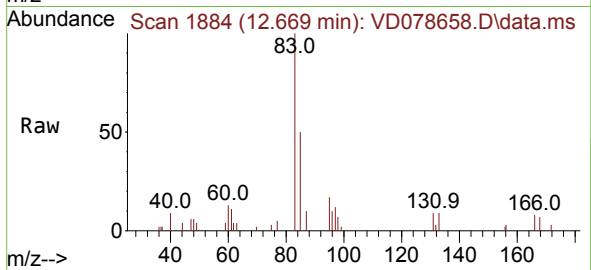




#75
1,1,2,2-Tetrachloroethane
Concen: 10.750 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

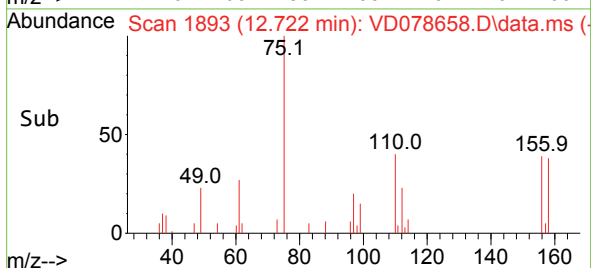
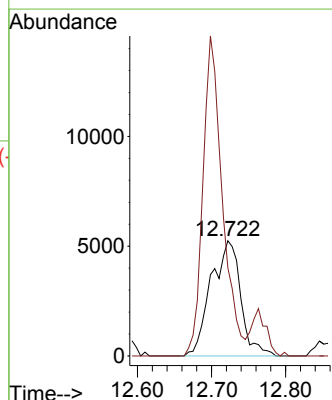
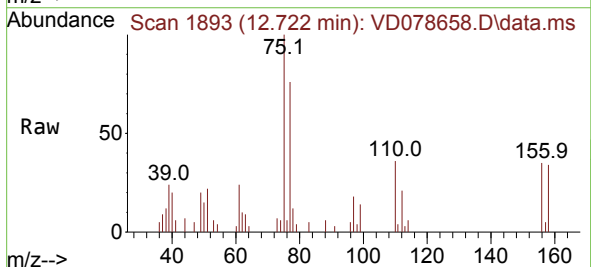
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

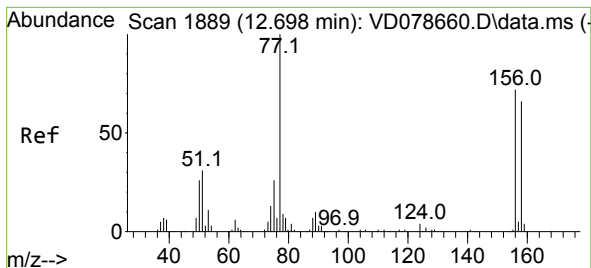
Tgt Ion: 83 Resp: 12753
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 62.1 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 19.543 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 75 Resp: 14626
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.960 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

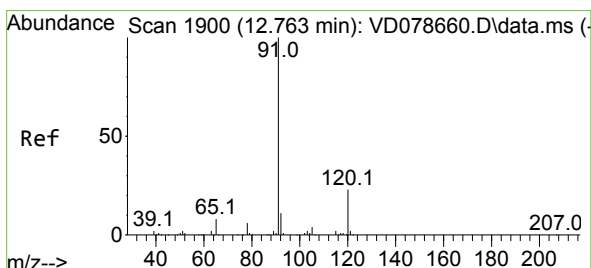
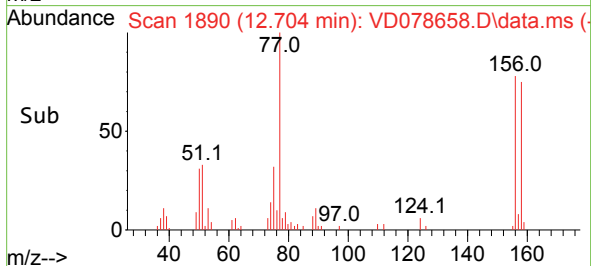
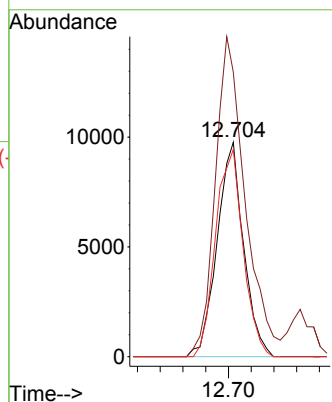
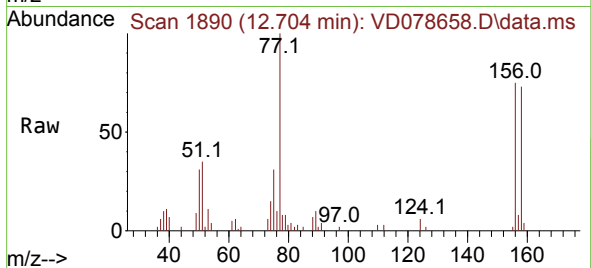
Tgt Ion:156 Resp: 15830

Ion Ratio Lower Upper

156 100

77 168.4 79.1 237.3

158 100.1 47.0 141.0



#78

n-propylbenzene

Concen: 9.952 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078658.D

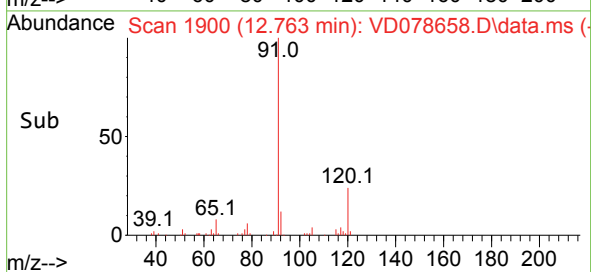
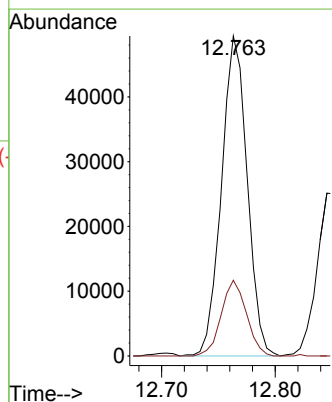
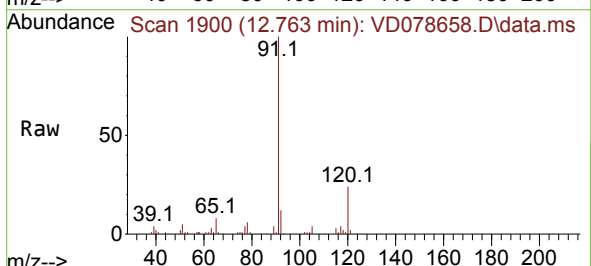
Acq: 14 Mar 2024 10:28

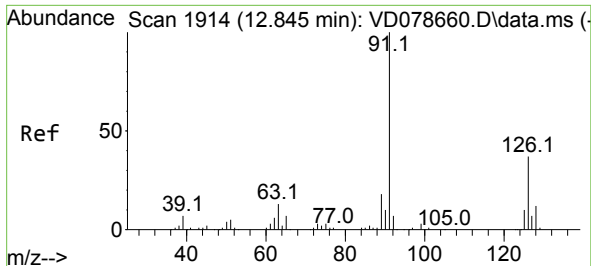
Tgt Ion: 91 Resp: 77635

Ion Ratio Lower Upper

91 100

120 23.2 11.7 35.1





#79

2-Chlorotoluene

Concen: 10.205 ug/l

RT: 12.846 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

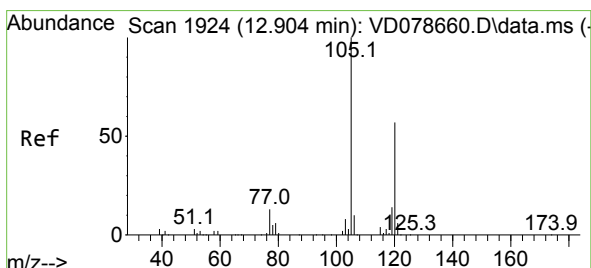
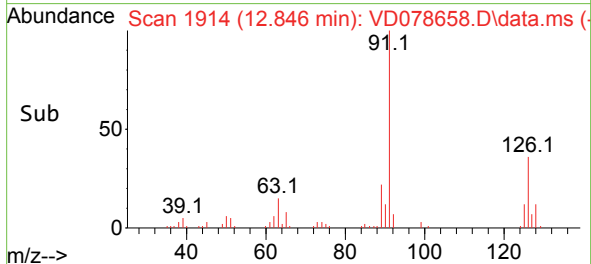
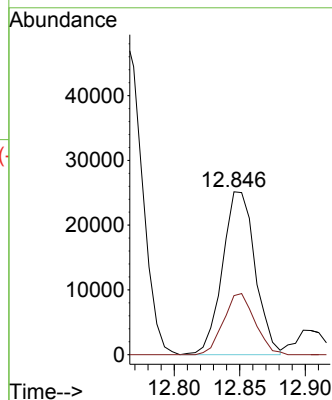
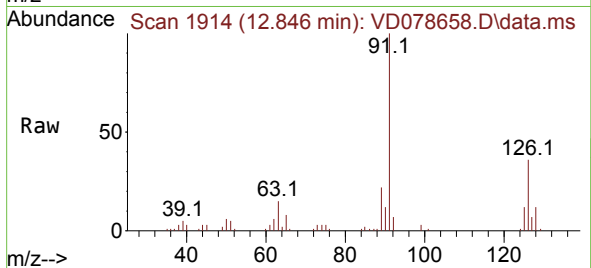
VSTDIC010

Tgt Ion: 91 Resp: 43672

Ion Ratio Lower Upper

91 100

126 35.9 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 9.691 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078658.D

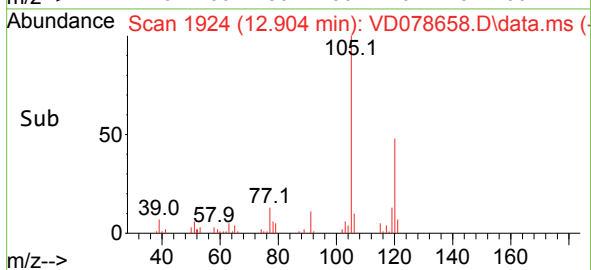
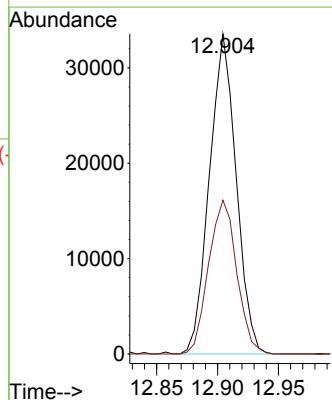
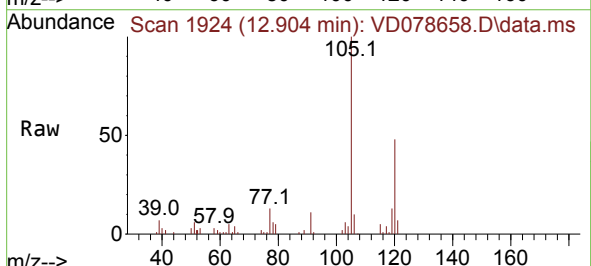
Acq: 14 Mar 2024 10:28

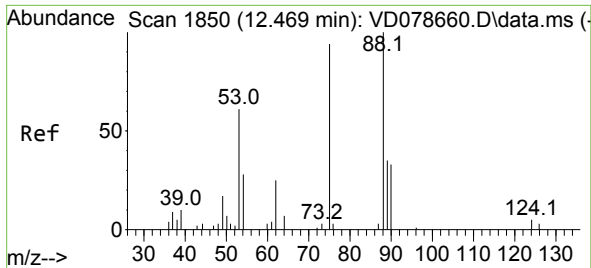
Tgt Ion: 105 Resp: 51357

Ion Ratio Lower Upper

105 100

120 50.5 25.9 77.7

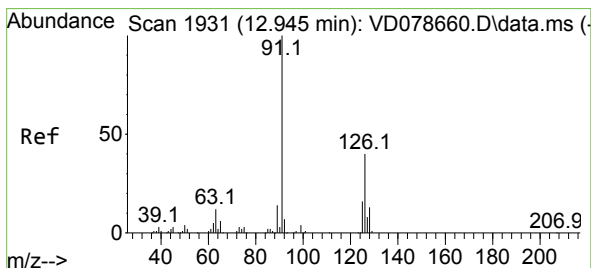
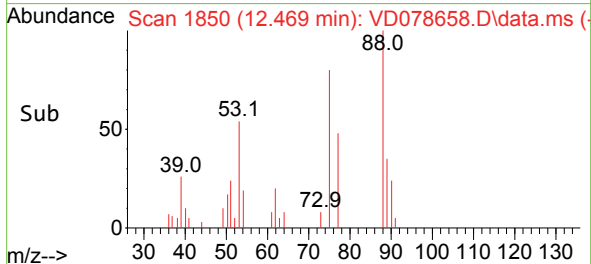
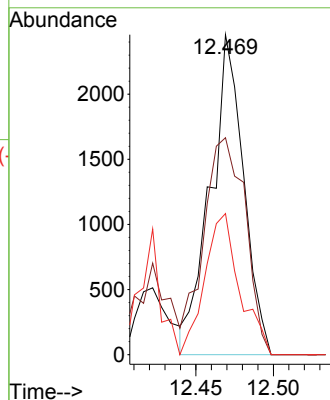
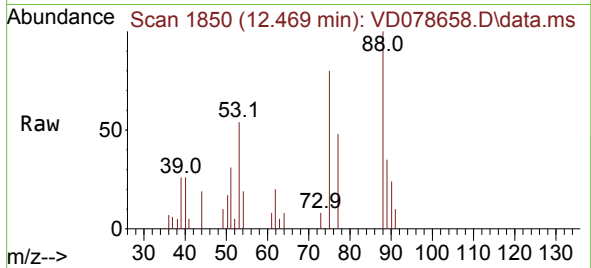




#81
trans-1,4-Dichloro-2-butene
Concen: 10.161 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

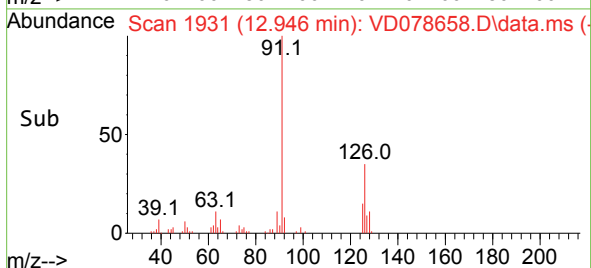
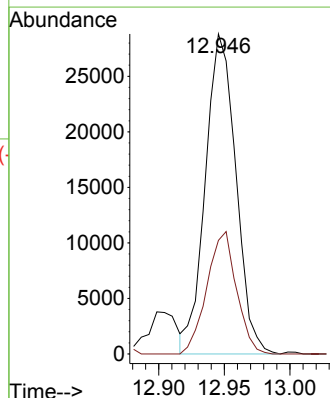
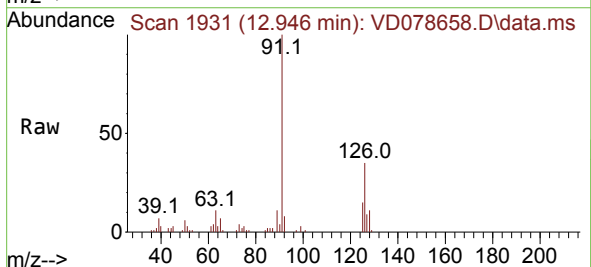
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

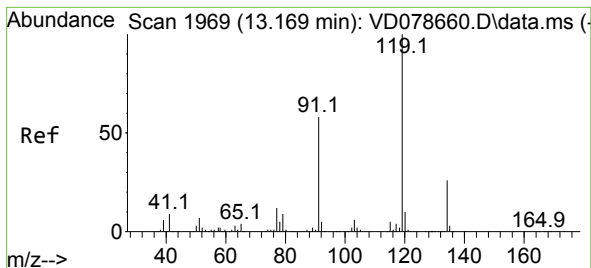
Tgt Ion: 75 Resp: 3635
Ion Ratio Lower Upper
75 100
53 85.7 61.0 91.6
89 46.6 35.4 53.0



#82
4-Chlorotoluene
Concen: 10.311 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion: 91 Resp: 46670
Ion Ratio Lower Upper
91 100
126 37.0 18.9 56.5





#83

tert-Butylbenzene

Concen: 9.639 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

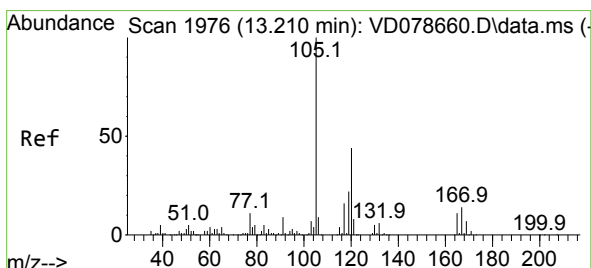
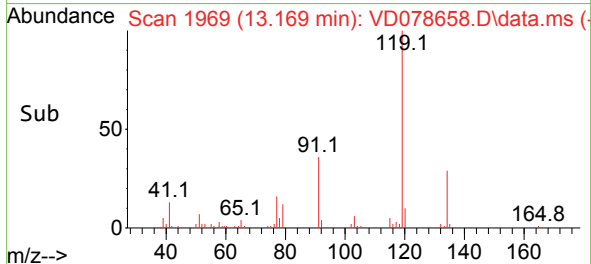
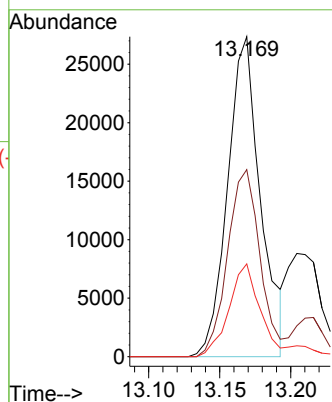
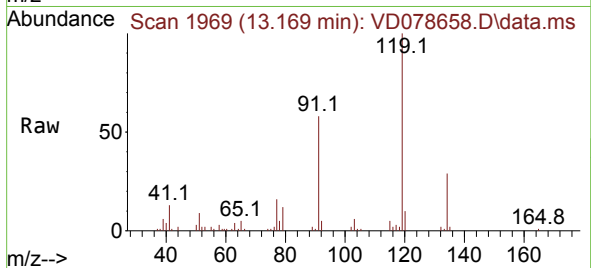
Tgt Ion:119 Resp: 44047

Ion Ratio Lower Upper

119 100

91 57.6 28.9 86.7

134 27.7 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 9.809 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078658.D

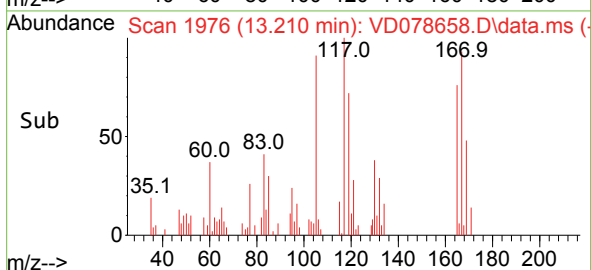
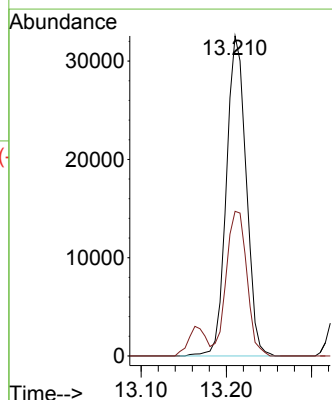
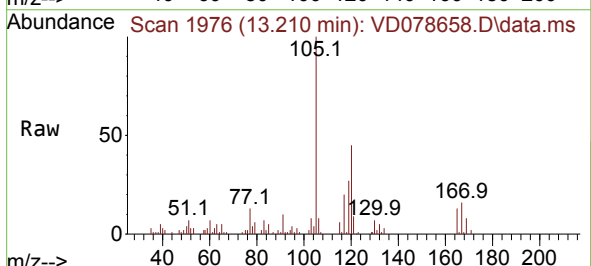
Acq: 14 Mar 2024 10:28

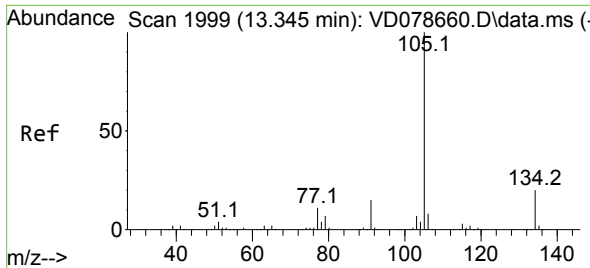
Tgt Ion:105 Resp: 52387

Ion Ratio Lower Upper

105 100

120 47.4 23.1 69.2

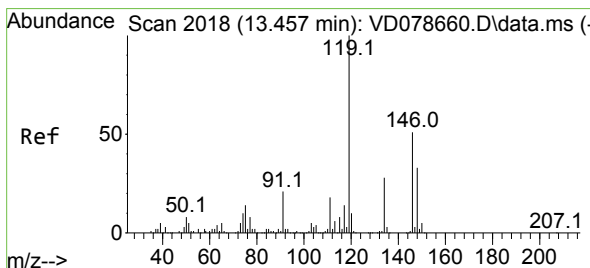
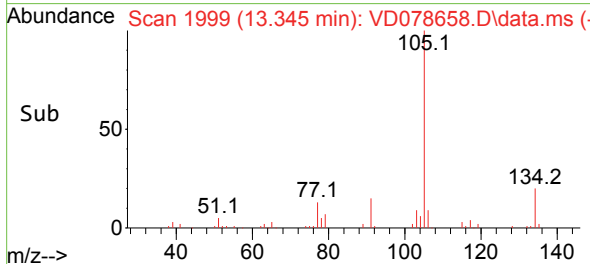
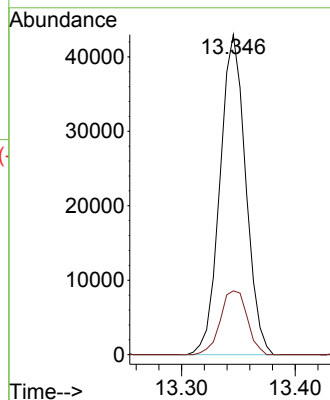
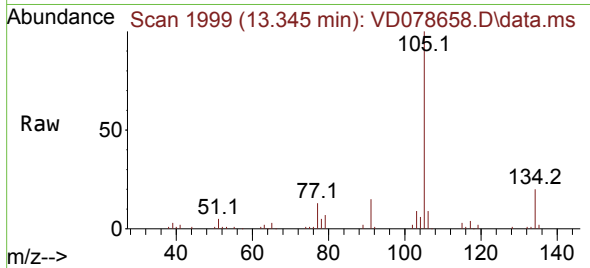




#85
 sec-Butylbenzene
 Concen: 9.787 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078658.D
 Acq: 14 Mar 2024 10:28

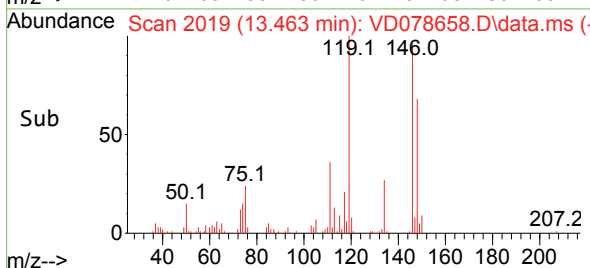
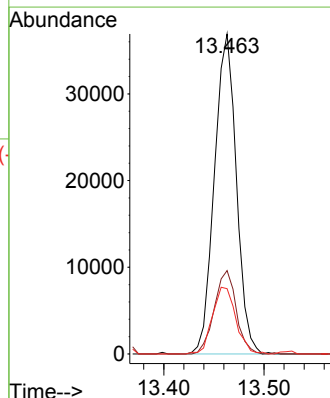
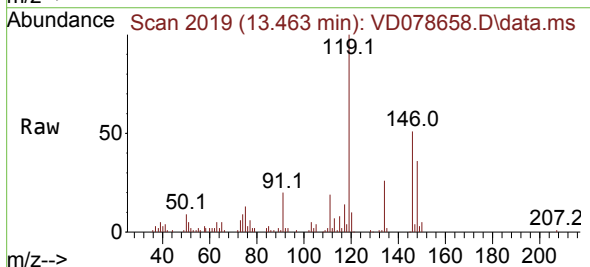
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

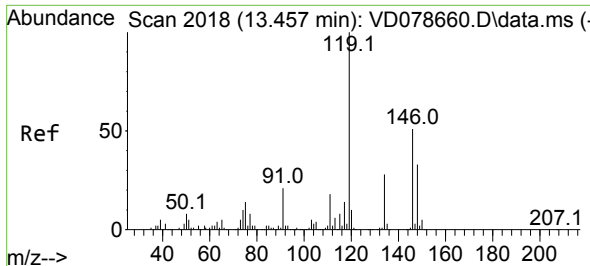
Tgt Ion:105 Resp: 67682
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 9.477 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078658.D
 Acq: 14 Mar 2024 10:28

Tgt Ion:119 Resp: 56103
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.5 40.5
 91 22.3 10.4 31.2

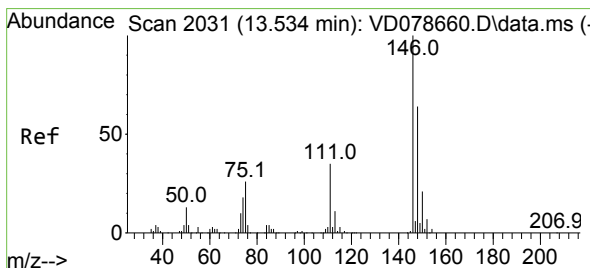
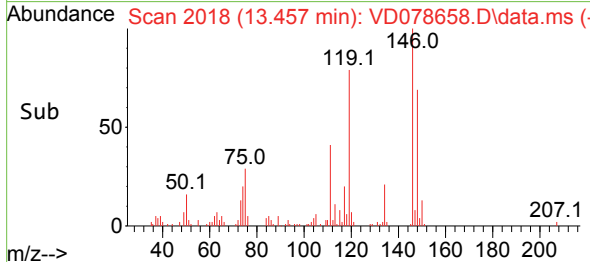
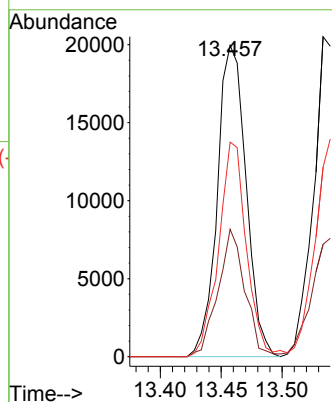
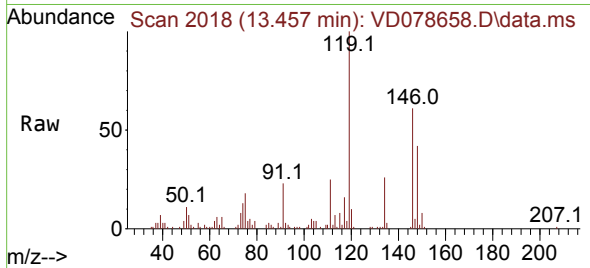




#87
1,3-Dichlorobenzene
Concen: 9.779 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

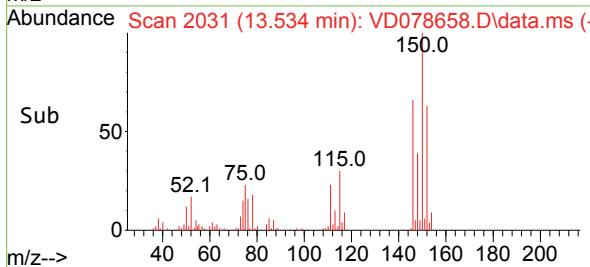
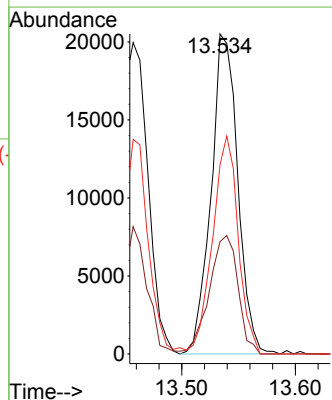
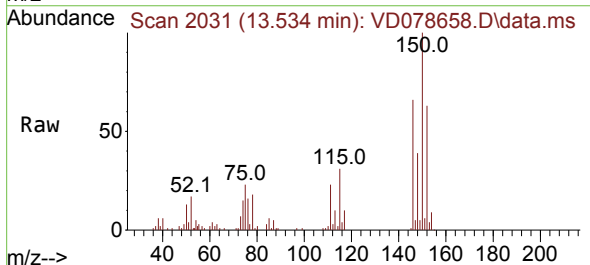
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

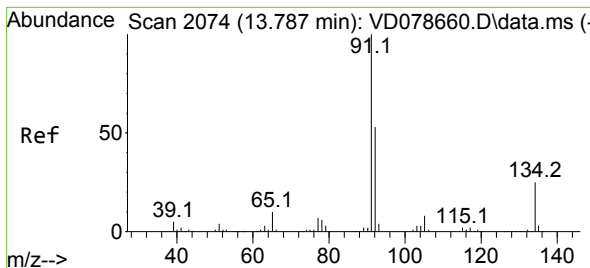
Tgt Ion:146 Resp: 32799
Ion Ratio Lower Upper
146 100
111 38.6 18.2 54.6
148 66.9 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 10.148 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD078658.D
Acq: 14 Mar 2024 10:28

Tgt Ion:146 Resp: 33541
Ion Ratio Lower Upper
146 100
111 39.8 17.8 53.3
148 65.2 32.4 97.0





#89

n-Butylbenzene

Concen: 9.830 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

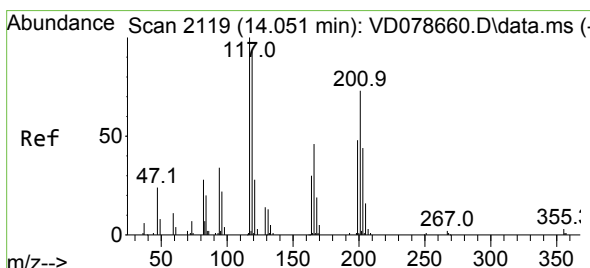
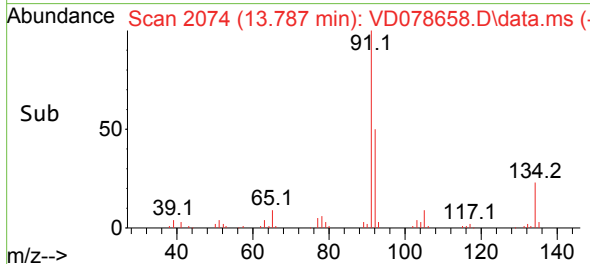
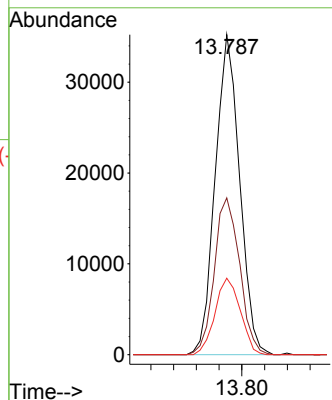
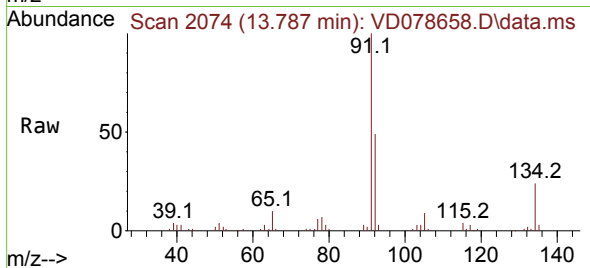
Tgt Ion: 91 Resp: 52557

Ion Ratio Lower Upper

91 100

92 50.9 26.4 79.0

134 24.8 13.0 38.9



#90

Hexachloroethane

Concen: 10.452 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078658.D

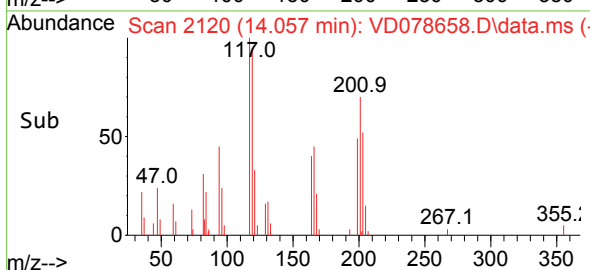
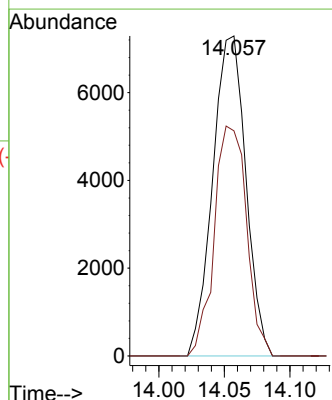
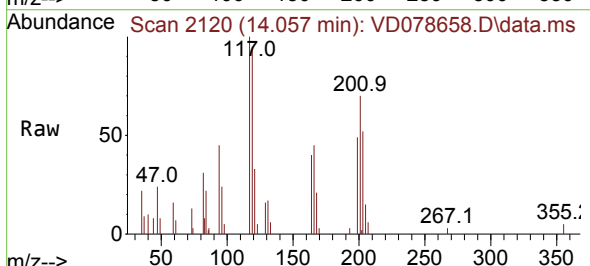
Acq: 14 Mar 2024 10:28

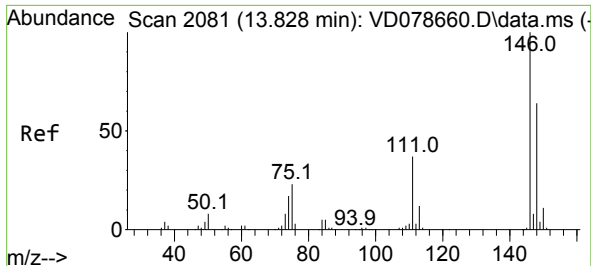
Tgt Ion: 117 Resp: 12803

Ion Ratio Lower Upper

117 100

201 70.0 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 10.288 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

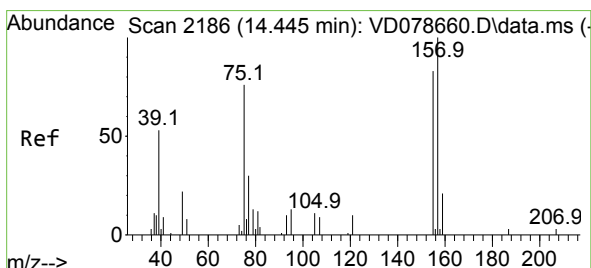
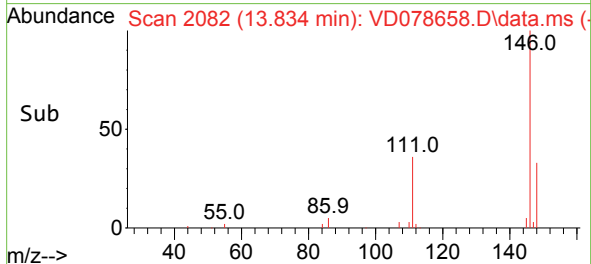
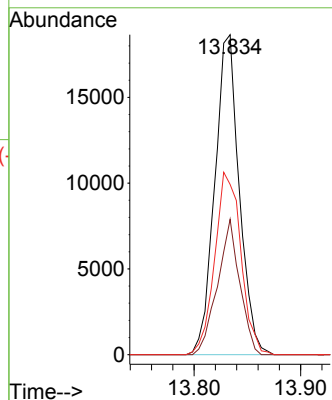
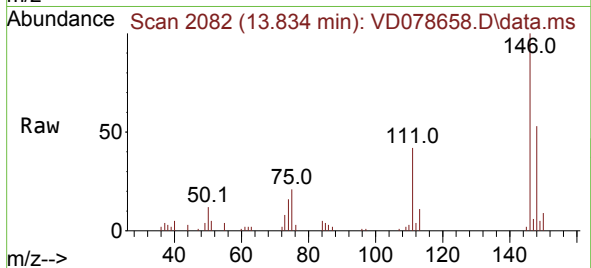
Tgt Ion:146 Resp: 29717

Ion Ratio Lower Upper

146 100

111 38.5 18.6 56.0

148 61.0 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.056 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

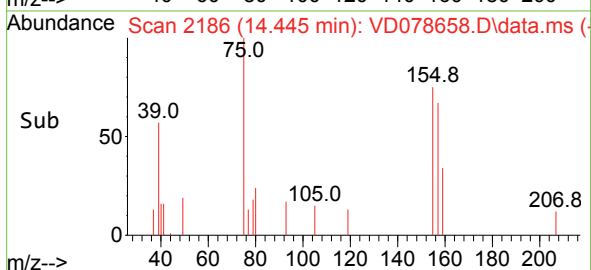
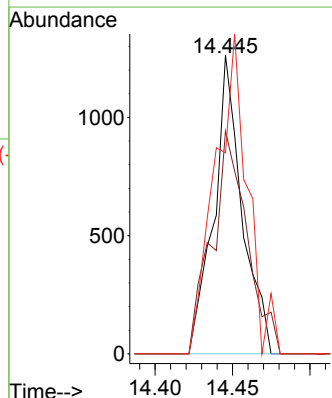
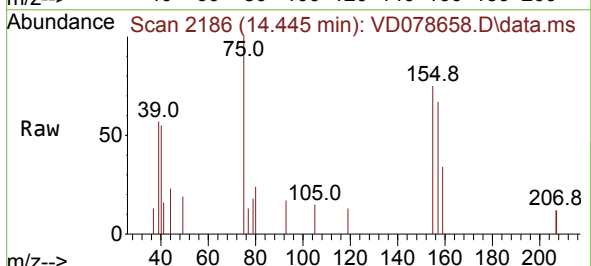
Tgt Ion: 75 Resp: 1596

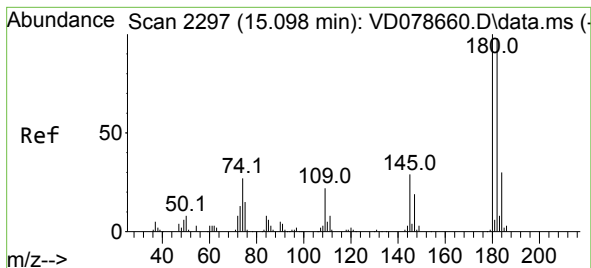
Ion Ratio Lower Upper

75 100

155 93.0 49.8 149.3

157 122.4 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 9.269 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

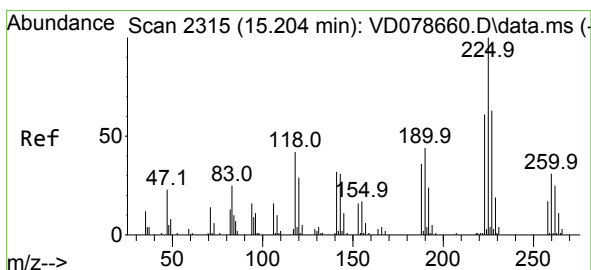
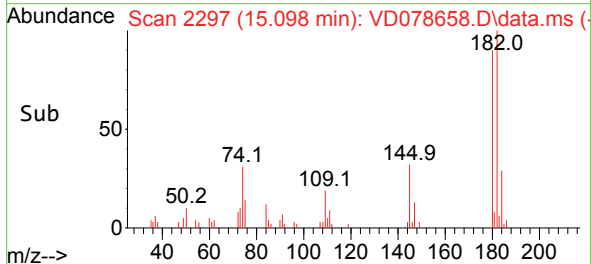
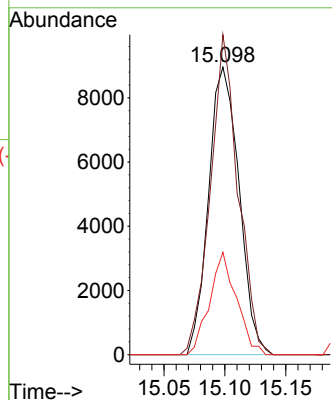
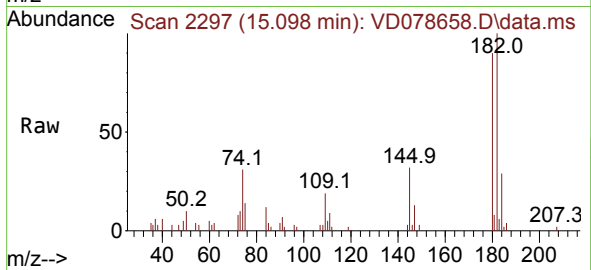
Tgt Ion:180 Resp: 15626

Ion Ratio Lower Upper

180 100

182 101.4 49.7 149.1

145 31.4 14.6 44.0



#94

Hexachlorobutadiene

Concen: 10.148 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

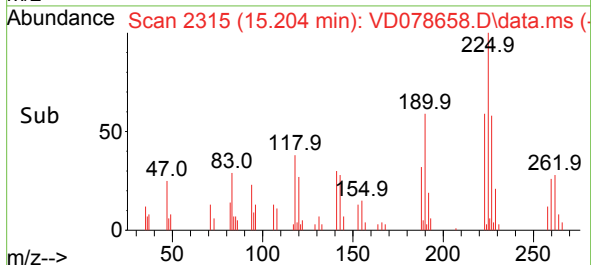
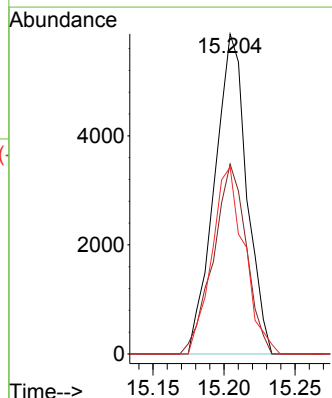
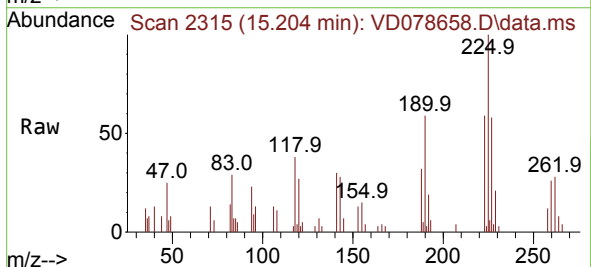
Tgt Ion:225 Resp: 9262

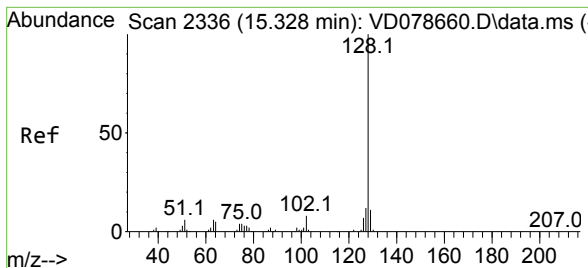
Ion Ratio Lower Upper

225 100

223 60.8 31.9 95.7

227 59.1 32.0 96.0





#95

Naphthalene

Concen: 8.948 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

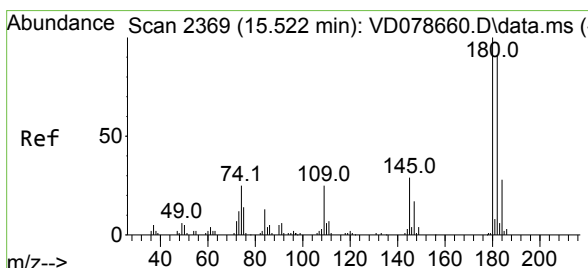
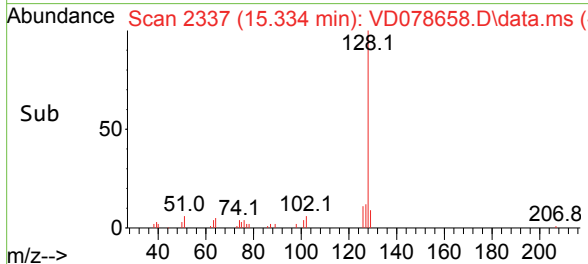
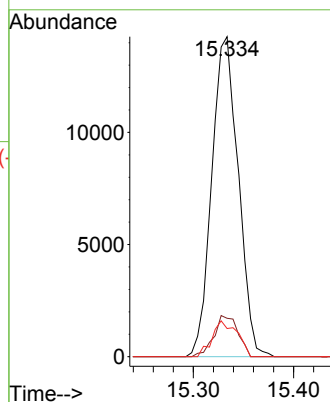
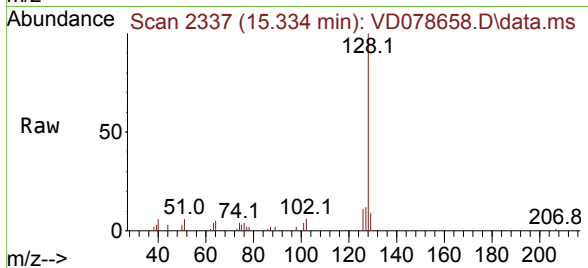
Tgt Ion:128 Resp: 26227

Ion Ratio Lower Upper

128 100

127 12.0 9.3 13.9

129 8.8 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 9.611 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078658.D

Acq: 14 Mar 2024 10:28

Tgt Ion:180 Resp: 14017

Ion Ratio Lower Upper

180 100

182 93.0 46.7 140.1

145 33.6 14.4 43.4

