

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078737.D
 Acq On : 22 Mar 2024 12:36
 Operator : RP/MD
 Sample : VD0322SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBS01

Quant Time: Mar 22 23:18:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	107614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	184818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	171280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	88238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58972	58.474	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.940%
35) Dibromofluoromethane	7.810	113	68597	57.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.300%
50) Toluene-d8	10.269	98	260616	59.552	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	119.100%
62) 4-Bromofluorobenzene	12.575	95	76561	59.799	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	119.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	20161	20.129	ug/l	98
3) Chloromethane	2.152	50	29173	18.447	ug/l	91
4) Vinyl Chloride	2.293	62	44367	19.018	ug/l	99
5) Bromomethane	2.693	94	41750	18.692	ug/l	96
6) Chloroethane	2.840	64	34209	18.803	ug/l	97
7) Trichlorofluoromethane	3.181	101	39653	21.485	ug/l	98
8) Diethyl Ether	3.599	74	11271	20.917	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.981	101	26786	23.126	ug/l	96
10) Methyl Iodide	4.169	142	28970	21.144	ug/l	97
11) Tert butyl alcohol	5.052	59	4970	110.117	ug/l #	92
12) 1,1-Dichloroethene	3.952	96	23029	20.915	ug/l	99
13) Acrolein	3.793	56	7417	104.906	ug/l	99
14) Allyl chloride	4.569	41	25246	20.549	ug/l	97
15) Acrylonitrile	5.246	53	22401	103.124	ug/l	91
16) Acetone	4.028	43	24113	123.643	ug/l	95
17) Carbon Disulfide	4.275	76	67141	18.601	ug/l	99
18) Methyl Acetate	4.563	43	8341	19.929	ug/l	99
19) Methyl tert-butyl Ether	5.328	73	48698	21.931	ug/l #	89
20) Methylene Chloride	4.810	84	33566	22.573	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	27599	21.243	ug/l #	85
22) Diisopropyl ether	6.222	45	62853	22.501	ug/l	92
23) Vinyl Acetate	6.163	43	182466	111.674	ug/l	99
24) 1,1-Dichloroethane	6.116	63	46667	22.283	ug/l	96
25) 2-Butanone	7.081	43	28650	110.498	ug/l	90
26) 2,2-Dichloropropane	7.081	77	38598	21.784	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	32567	21.977	ug/l	98
28) Bromochloromethane	7.434	49	17162	22.986	ug/l	98
29) Tetrahydrofuran	7.451	42	15754	111.711	ug/l	97
30) Chloroform	7.599	83	51579	22.089	ug/l	99
31) Cyclohexane	7.887	56	33365	19.683	ug/l	98
32) 1,1,1-Trichloroethane	7.804	97	43372	21.892	ug/l	99
36) 1,1-Dichloropropene	8.016	75	36962	21.408	ug/l	99
37) Ethyl Acetate	7.181	43	12738	22.584	ug/l #	87
38) Carbon Tetrachloride	7.999	117	38120	20.943	ug/l	98
39) Methylcyclohexane	9.275	83	38767	19.356	ug/l	97
40) Benzene	8.257	78	107942	20.682	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	4004	13.546	ug/l #	57
42) 1,2-Dichloroethane	8.328	62	27977	21.981	ug/l	99
43) Isopropyl Acetate	8.357	43	21557	21.016	ug/l	97
44) Trichloroethene	9.034	130	29803	21.042	ug/l	92
45) 1,2-Dichloropropane	9.304	63	27006	21.813	ug/l	99
46) Dibromomethane	9.398	93	15848	21.354	ug/l	96
47) Bromodichloromethane	9.587	83	40176	22.740	ug/l	94
48) Methyl methacrylate	9.381	41	9918	19.844	ug/l	94
49) 1,4-Dioxane	9.393	88	2450	356.538	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	59331	110.639	ug/l	98
52) Toluene	10.334	92	71771	21.360	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	34540	21.382	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	43178	22.235	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	22259	22.397	ug/l	93
56) Ethyl methacrylate	10.598	69	21108	21.186	ug/l	98
57) 1,3-Dichloropropane	10.881	76	35695	22.259	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	49888	113.559	ug/l	98
59) 2-Hexanone	10.922	43	43986	110.647	ug/l	97
60) Dibromochloromethane	11.075	129	27183	22.179	ug/l	99
61) 1,2-Dibromoethane	11.181	107	20831	21.658	ug/l	97
64) Tetrachloroethene	10.816	164	24121	21.281	ug/l	99
65) Chlorobenzene	11.604	112	78228	21.856	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	30149	23.000	ug/l	98
67) Ethyl Benzene	11.687	91	129695	21.264	ug/l	97
68) m/p-Xylenes	11.792	106	107432	43.377	ug/l	98
69) o-Xylene	12.122	106	49249	21.492	ug/l	100
70) Styrene	12.134	104	84581	21.991	ug/l	99
71) Bromoform	12.298	173	15076	21.282	ug/l #	95
73) Isopropylbenzene	12.422	105	126006	21.689	ug/l	98
74) N-amyl acetate	12.234	43	20700	21.945	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	23809	22.138	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	27263	40.103	ug/l #	100
77) Bromobenzene	12.704	156	31369	21.772	ug/l	96
78) n-propylbenzene	12.763	91	158207	22.372	ug/l	100
79) 2-Chlorotoluene	12.851	91	84834	21.868	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	107665	22.410	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	6749	20.810	ug/l	89
82) 4-Chlorotoluene	12.945	91	89743	21.871	ug/l	100
83) tert-Butylbenzene	13.169	119	92288	22.278	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	106134	21.922	ug/l	98
85) sec-Butylbenzene	13.345	105	139671	22.280	ug/l	99
86) p-Isopropyltoluene	13.463	119	117559	21.906	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	67882	22.327	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	63756	21.278	ug/l	96
89) n-Butylbenzene	13.786	91	108172	22.319	ug/l	97
90) Hexachloroethane	14.057	117	24625	22.176	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	55569	21.221	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3215	22.347	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	32815	21.473	ug/l	96
94) Hexachlorobutadiene	15.204	225	18209	22.009	ug/l	95
95) Naphthalene	15.333	128	55284	20.807	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	28834	21.809	ug/l	98

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

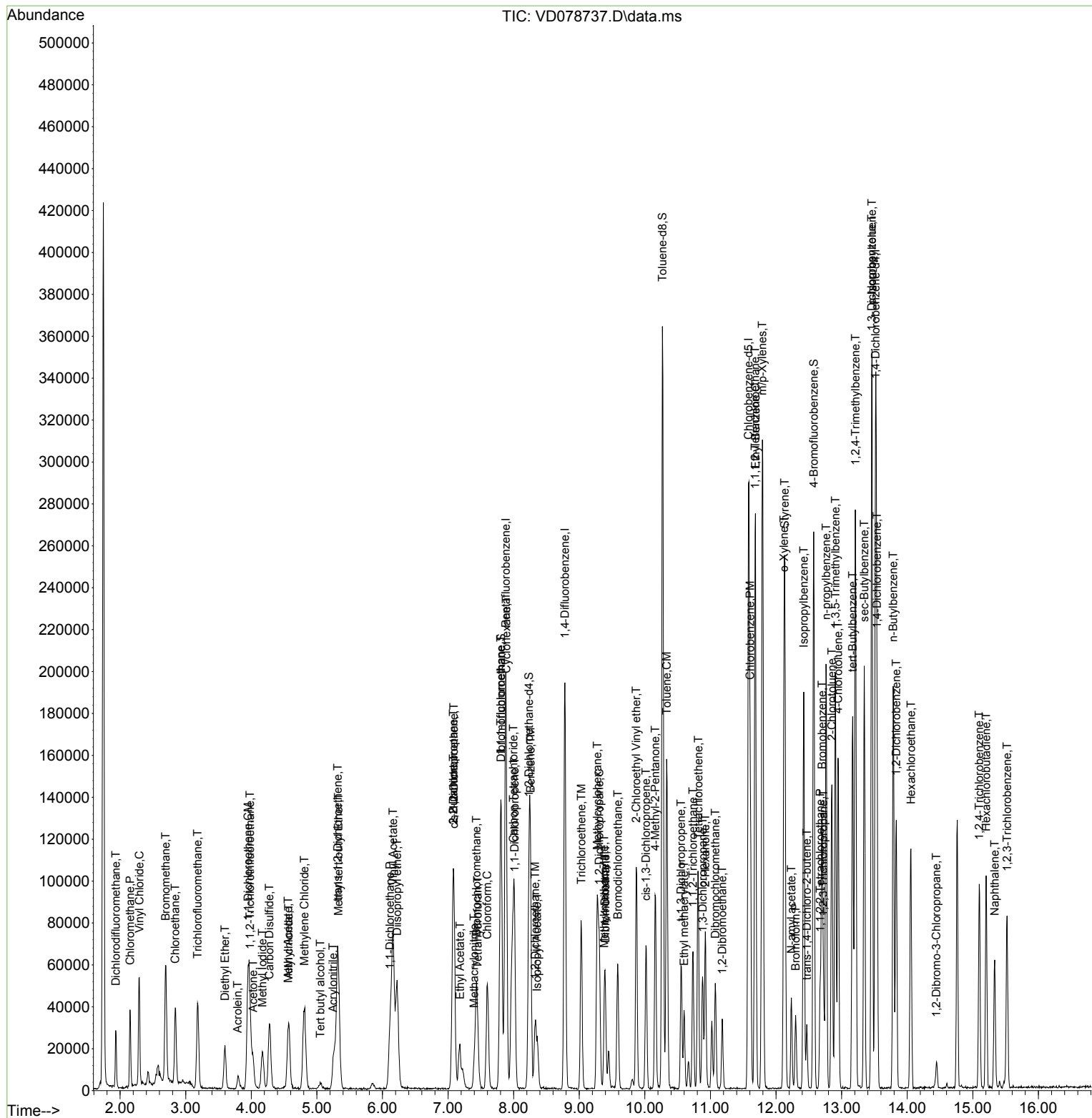
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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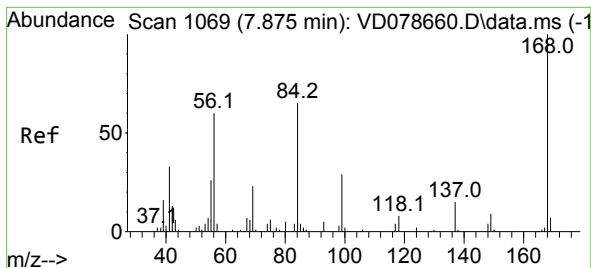
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD078737.D

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Instrument :

MSVOA_D

ClientSampleId :

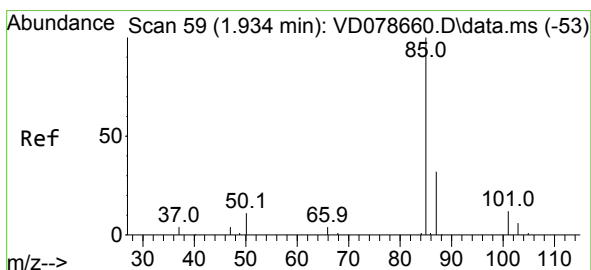
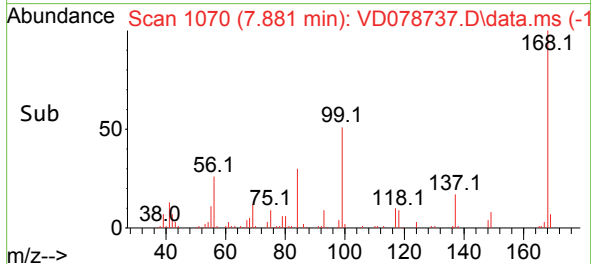
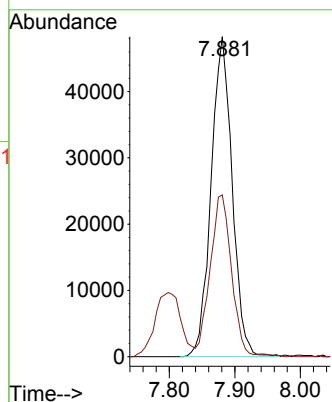
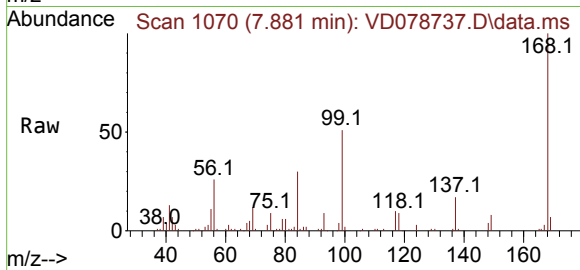
VD0322SBS01

Tgt Ion:168 Resp: 107614

Ion Ratio Lower Upper

168 100

99 50.2 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 20.129 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD078737.D

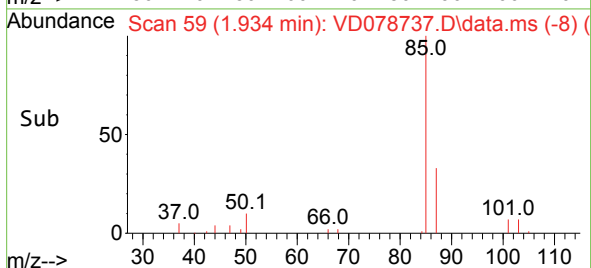
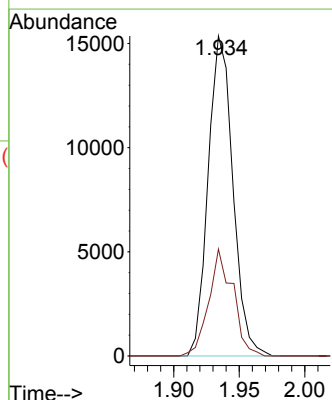
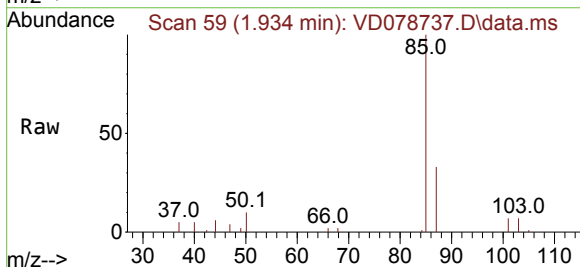
Acq: 22 Mar 2024 12:36

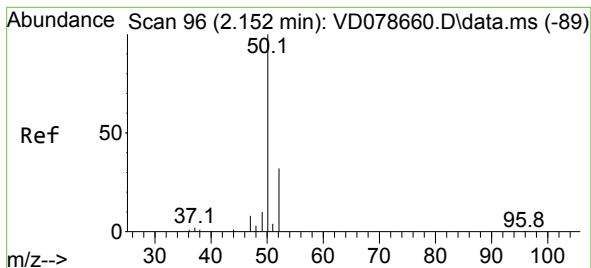
Tgt Ion: 85 Resp: 20161

Ion Ratio Lower Upper

85 100

87 33.4 16.2 48.5





#3

Chloromethane

Concen: 18.447 ug/l

RT: 2.152 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

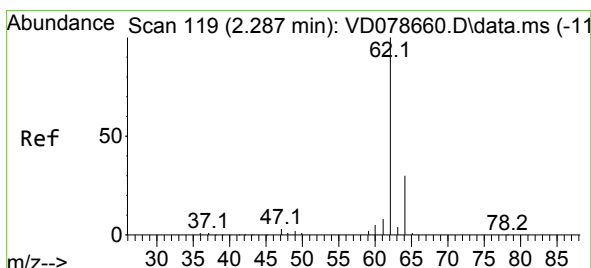
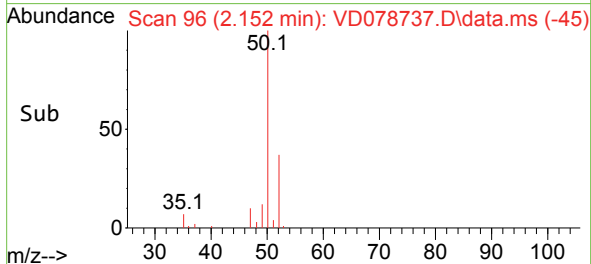
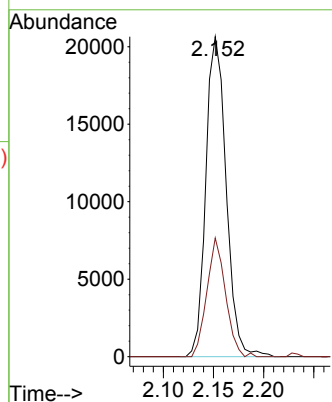
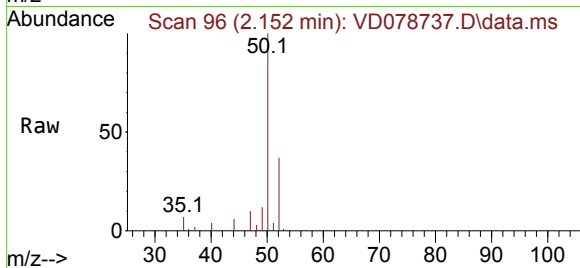
VD0322SBS01

Tgt Ion: 50 Resp: 29173

Ion Ratio Lower Upper

50 100

52 37.1 25.6 38.4



#4

Vinyl Chloride

Concen: 19.018 ug/l

RT: 2.293 min Scan# 120

Delta R.T. 0.006 min

Lab File: VD078737.D

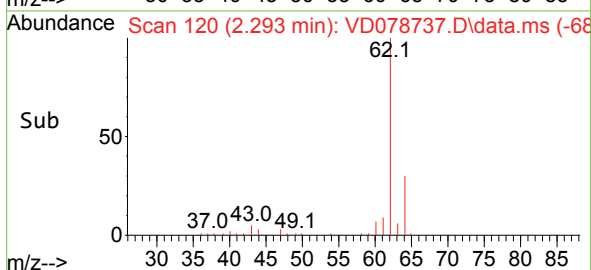
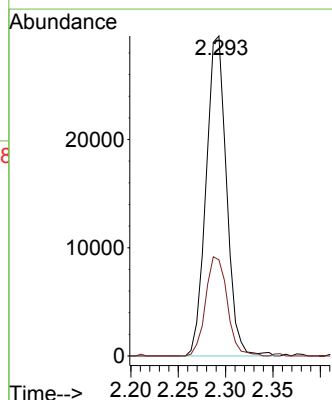
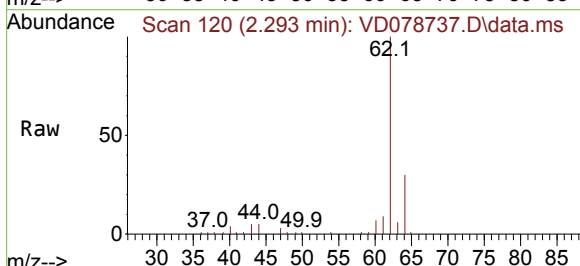
Acq: 22 Mar 2024 12:36

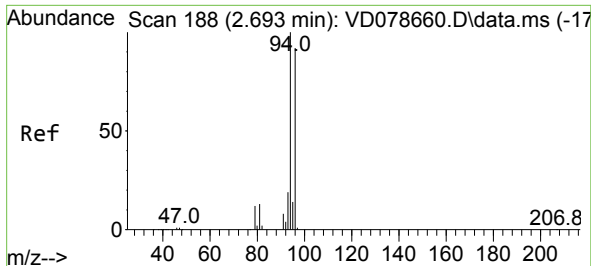
Tgt Ion: 62 Resp: 44367

Ion Ratio Lower Upper

62 100

64 30.1 23.7 35.5

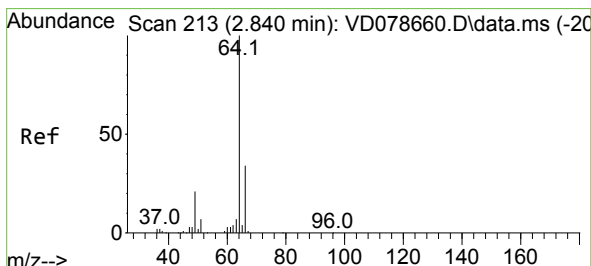
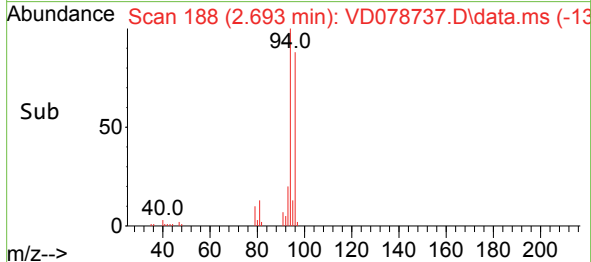
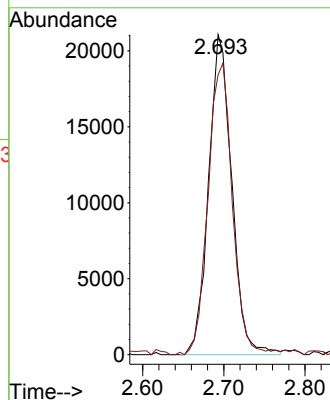
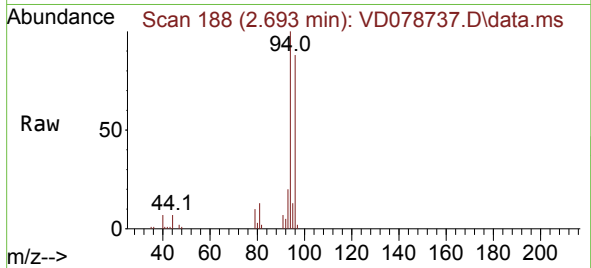




#5
Bromomethane
Concen: 18.692 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078737.D
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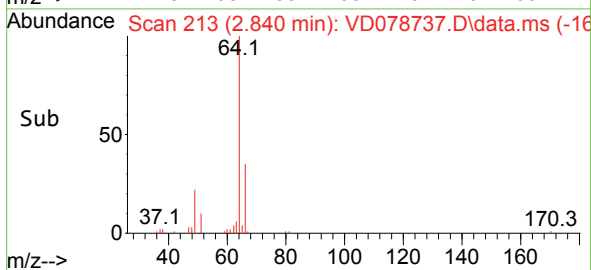
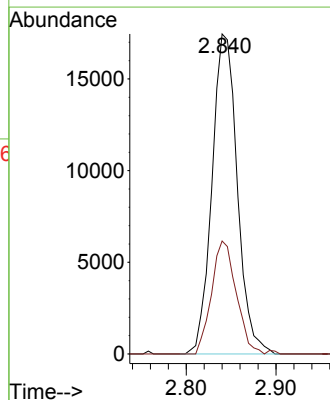
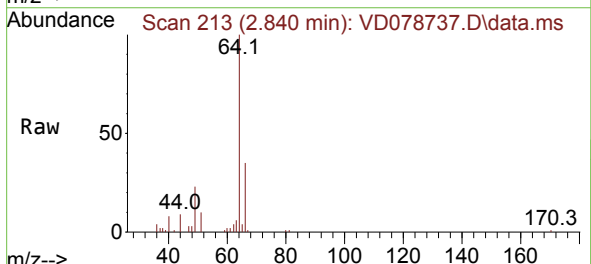
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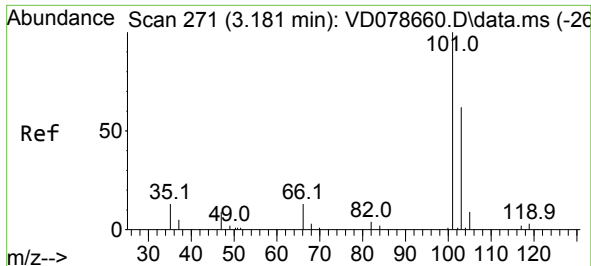
Tgt Ion: 94 Resp: 41750
Ion Ratio Lower Upper
94 100
96 95.3 73.5 110.3



#6
Chloroethane
Concen: 18.803 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion: 64 Resp: 34209
Ion Ratio Lower Upper
64 100
66 35.3 26.8 40.2

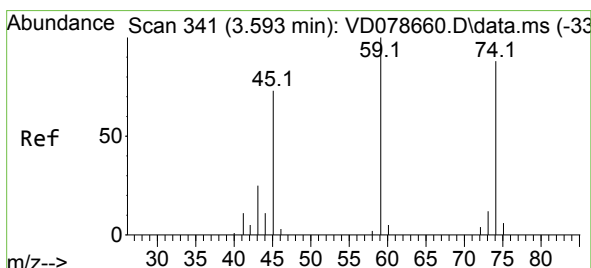
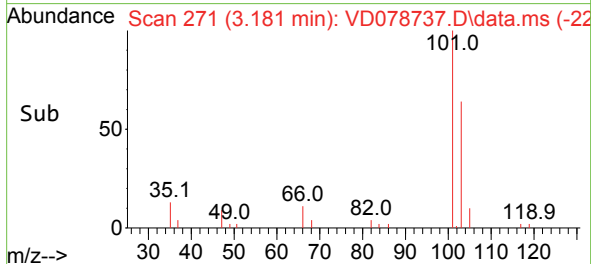
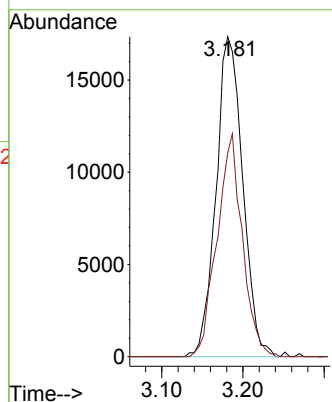
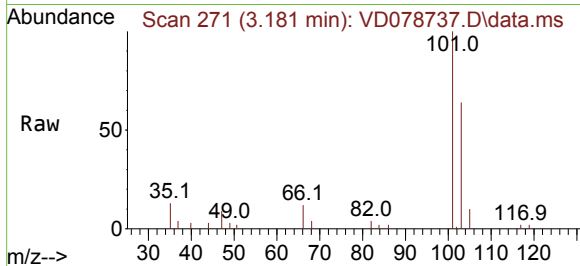




#7
 Trichlorofluoromethane
 Concen: 21.485 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078737.D
 Acq: 22 Mar 2024 12:36

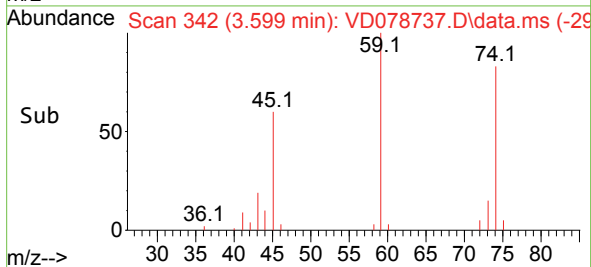
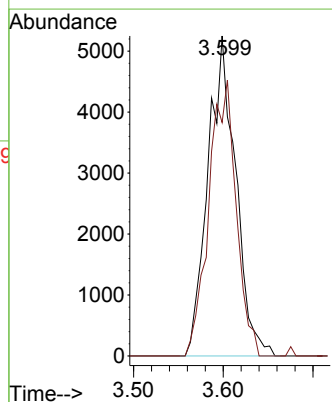
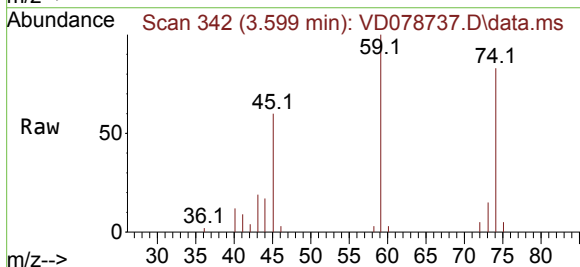
Instrument :
 MSVOA_D
 ClientSampleId :
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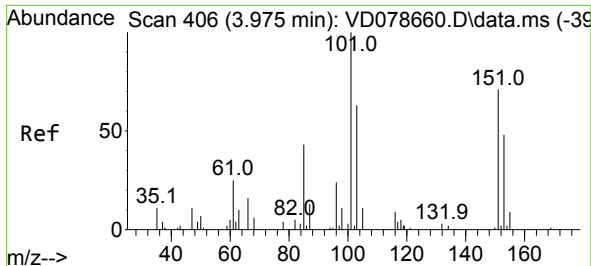
Tgt Ion:101 Resp: 39653
 Ion Ratio Lower Upper
 101 100
 103 63.7 49.7 74.5



#8
 Diethyl Ether
 Concen: 20.917 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078737.D
 Acq: 22 Mar 2024 12:36

Tgt Ion: 74 Resp: 11271
 Ion Ratio Lower Upper
 74 100
 45 84.5 42.4 127.3

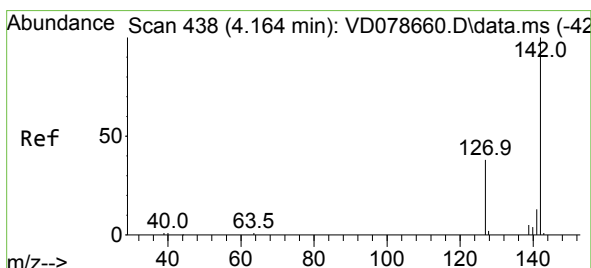
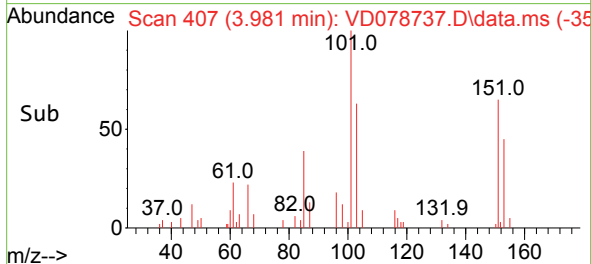
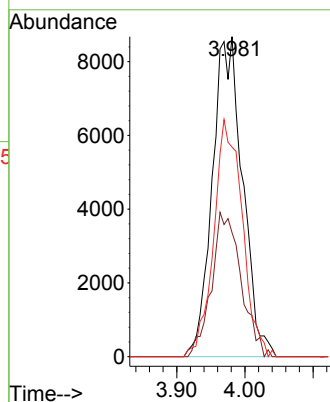
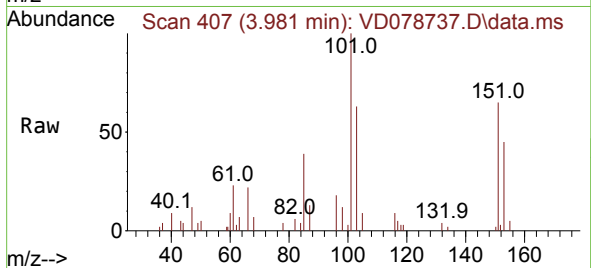




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.126 ug/l
RT: 3.981 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

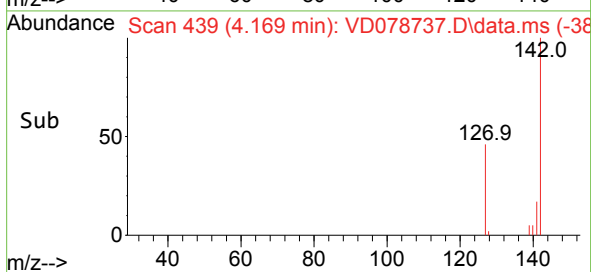
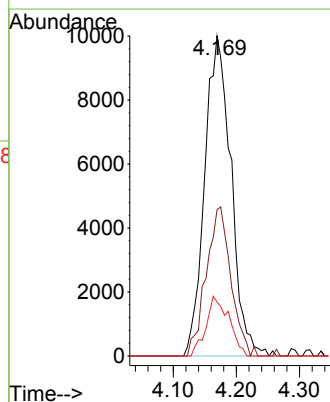
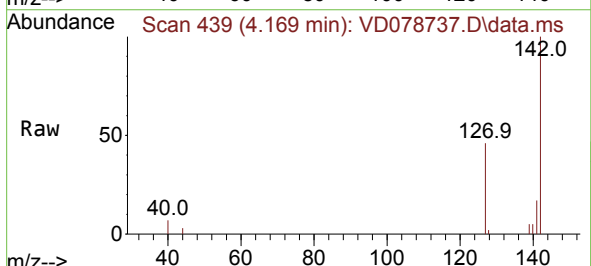
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

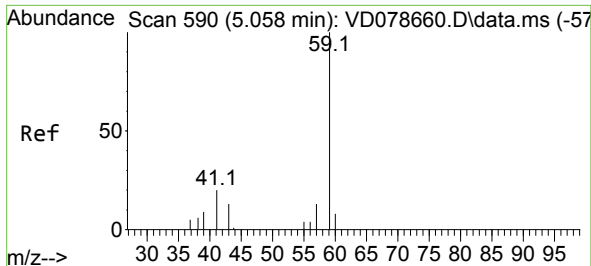
Tgt Ion:	101	Resp:	26786
Ion	Ratio	Lower	Upper
101	100		
85	43.8	35.8	53.6
151	69.8	59.4	89.2



#10
Methyl Iodide
Concen: 21.144 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion:	142	Resp:	28970
Ion	Ratio	Lower	Upper
142	100		
127	43.7	33.5	50.3
141	16.3	11.7	17.5

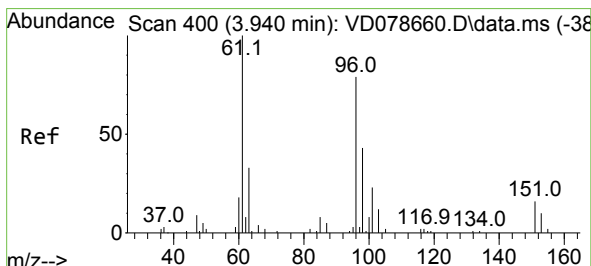
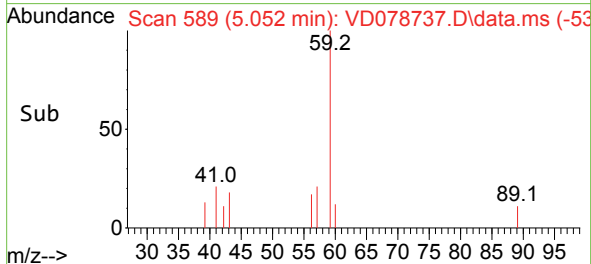
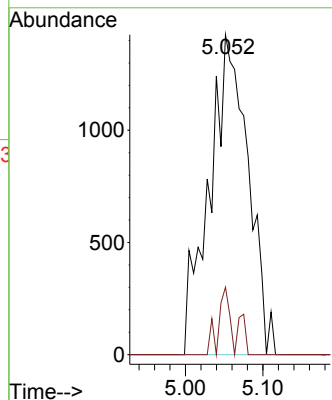
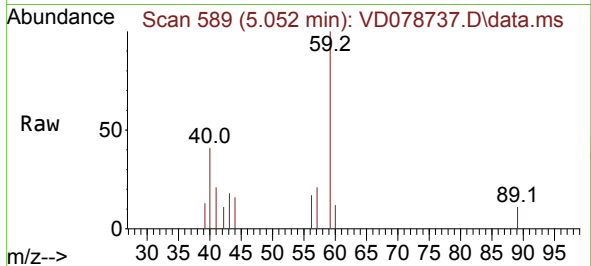




#11
Tert butyl alcohol
Concen: 110.117 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

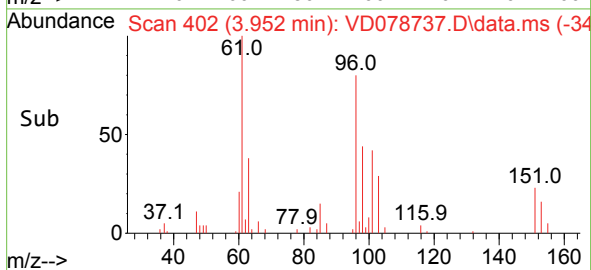
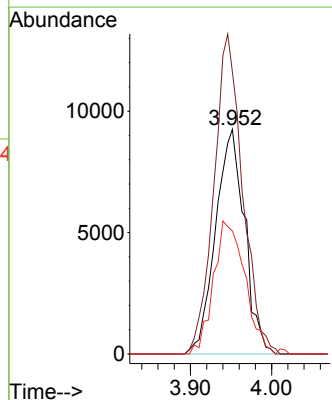
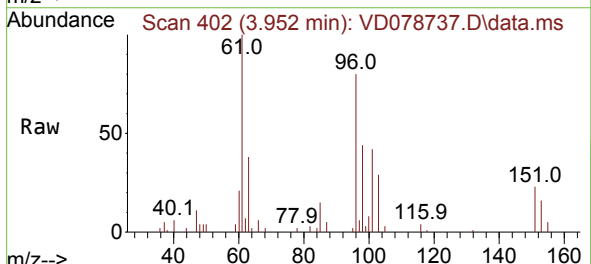
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

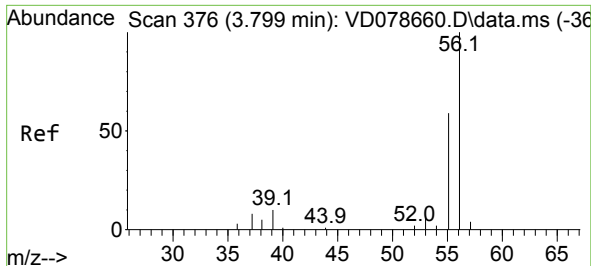
Tgt Ion: 59 Resp: 4970
Ion Ratio Lower Upper
59 100
57 6.1 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 20.915 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion: 96 Resp: 23029
Ion Ratio Lower Upper
96 100
61 125.7 101.4 152.0
98 54.8 43.4 65.0





#13

Acrolein

Concen: 104.906 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

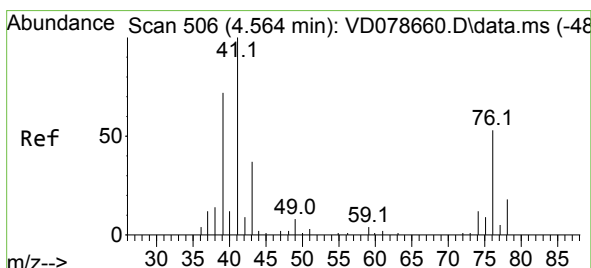
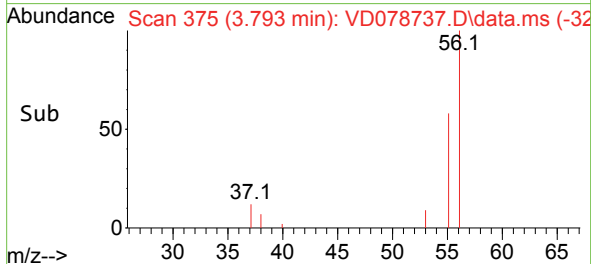
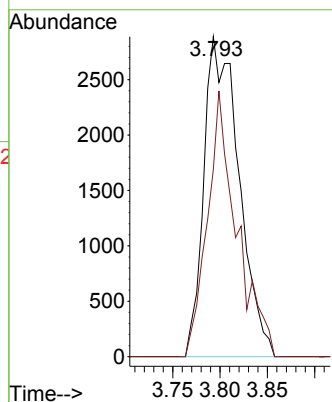
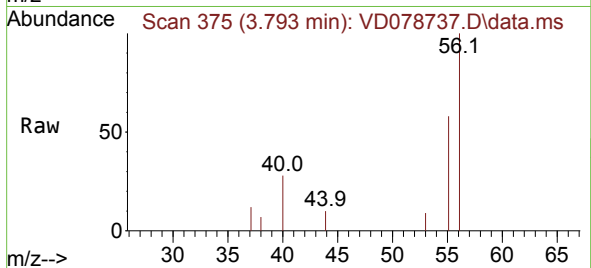
VD0322SBS01

Tgt Ion: 56 Resp: 7417

Ion Ratio Lower Upper

56 100

55 69.6 54.9 82.3



#14

Allyl chloride

Concen: 20.549 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

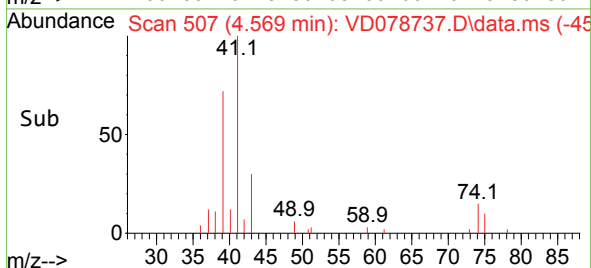
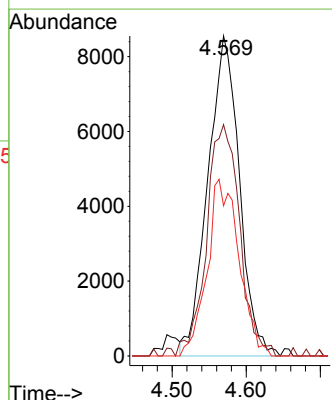
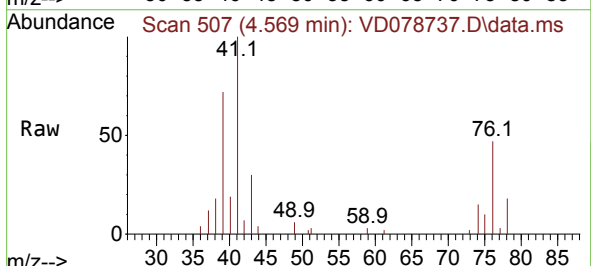
Tgt Ion: 41 Resp: 25246

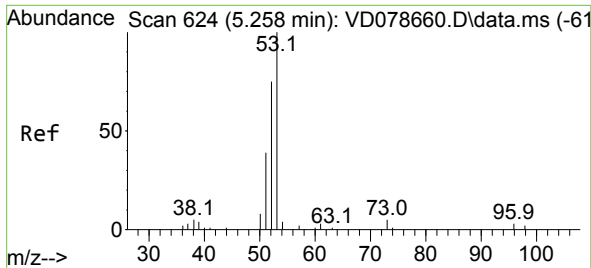
Ion Ratio Lower Upper

41 100

39 76.3 57.8 86.6

76 56.0 44.8 67.2

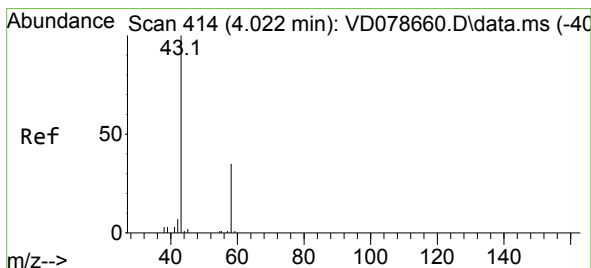
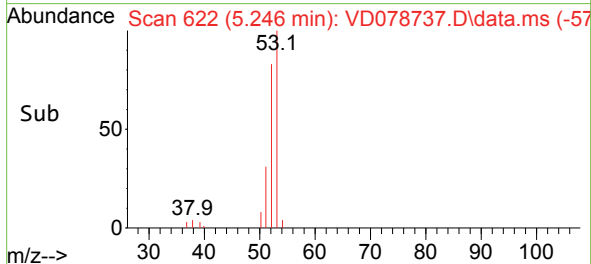
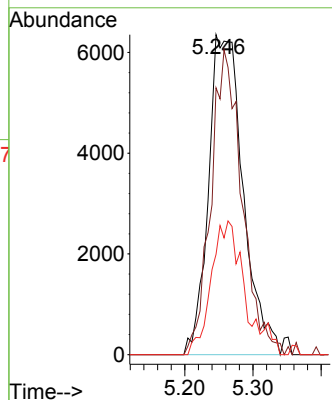
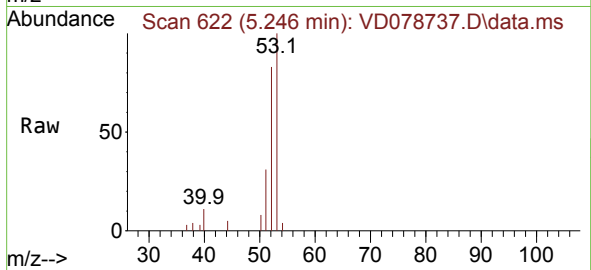




#15
Acrylonitrile
Concen: 103.124 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

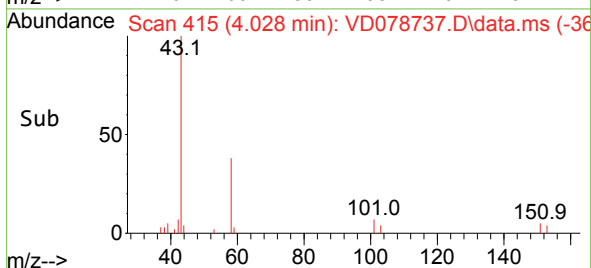
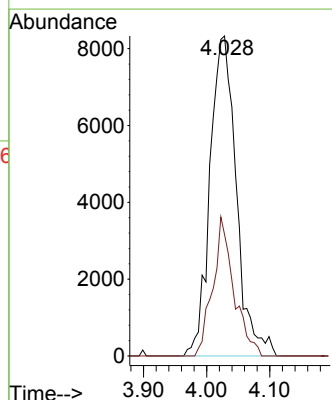
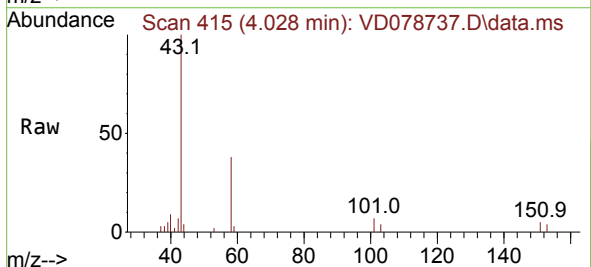
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

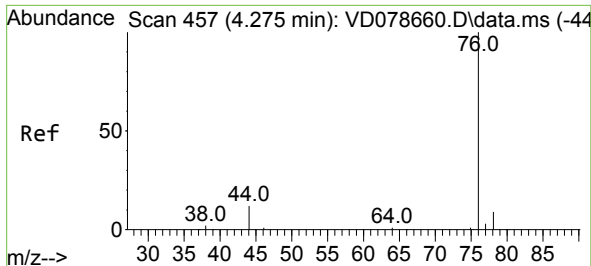
Tgt Ion: 53	Resp: 22401
Ion Ratio	Lower Upper
53 100	
52 85.7	61.9 92.9
51 40.4	29.0 43.4



#16
Acetone
Concen: 123.643 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion: 43	Resp: 24113
Ion Ratio	Lower Upper
43 100	
58 38.0	28.2 42.4

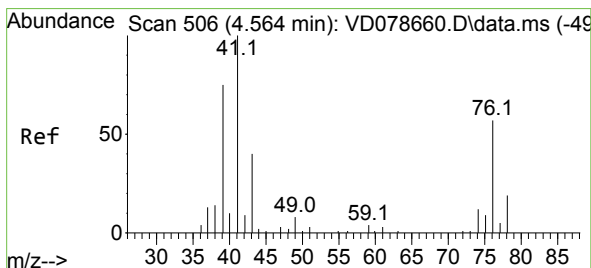
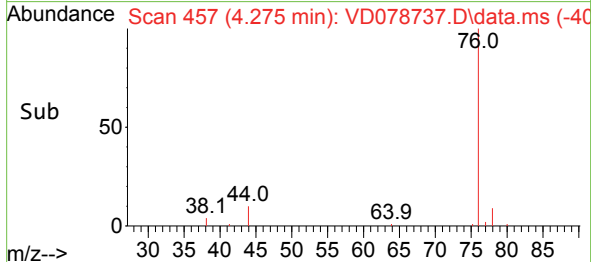
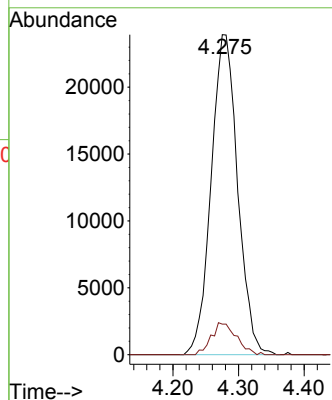
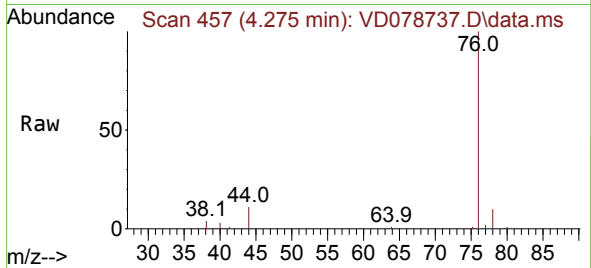




#17
Carbon Disulfide
Concen: 18.601 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

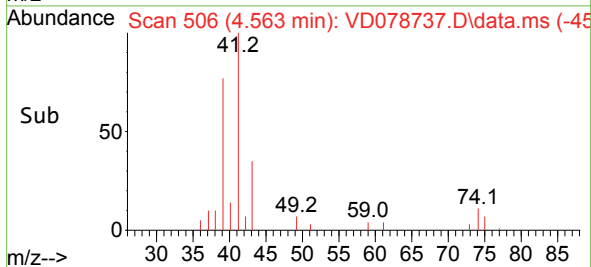
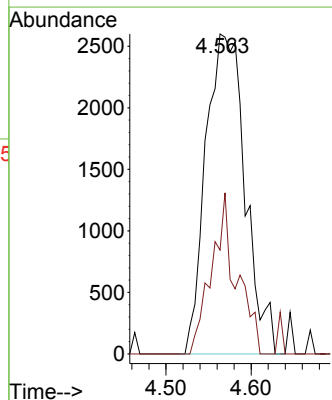
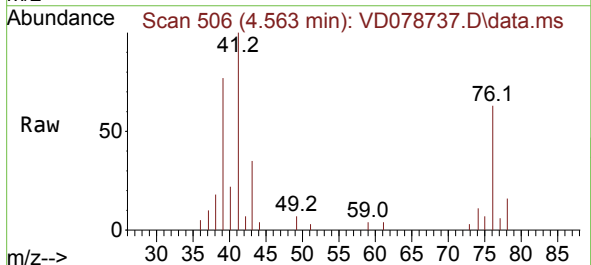
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

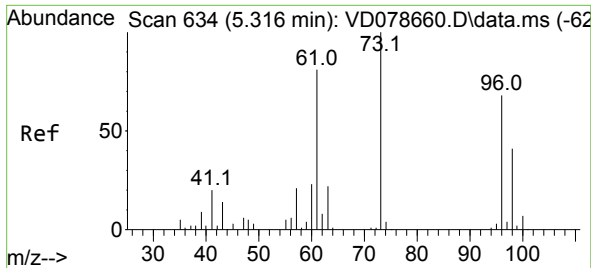
Tgt Ion: 76 Resp: 67141
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 19.929 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion: 43 Resp: 8341
Ion Ratio Lower Upper
43 100
74 32.1 25.3 37.9

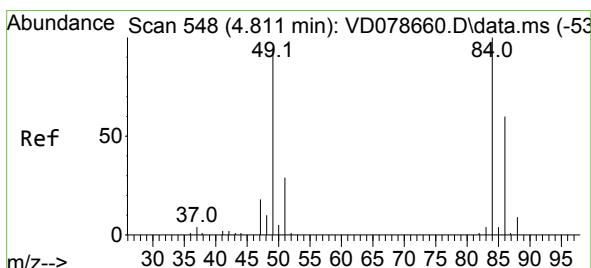
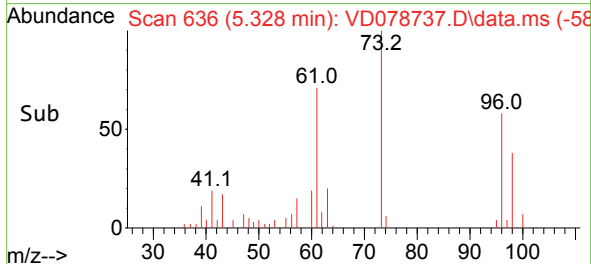
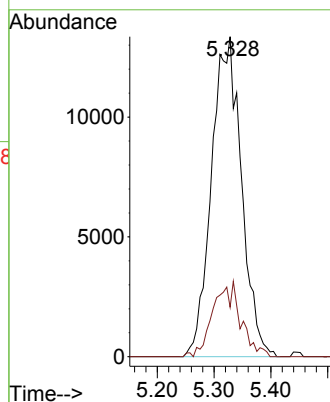
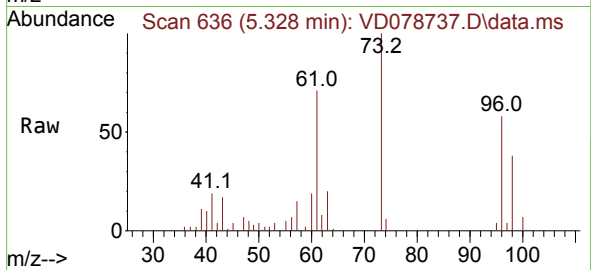




#19
Methyl tert-butyl Ether
Concen: 21.931 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

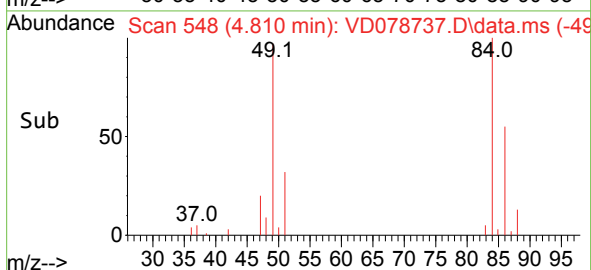
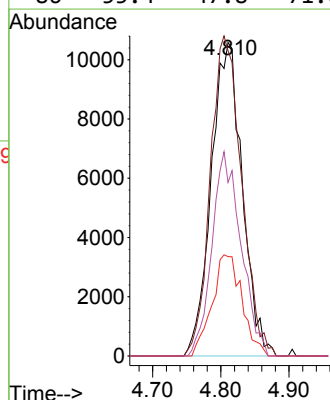
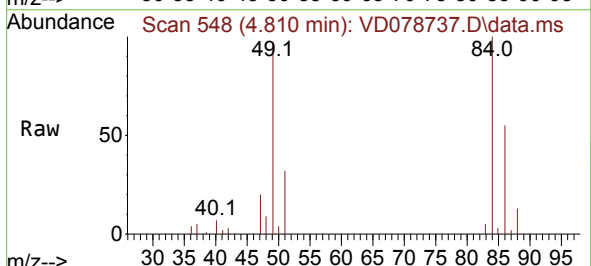
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

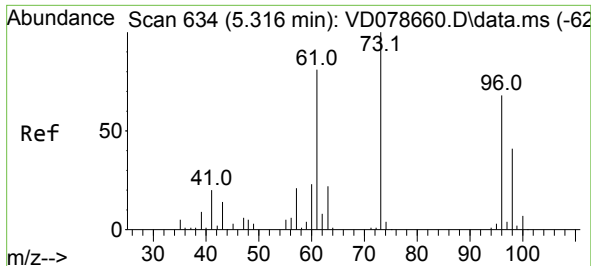
Tgt Ion: 73 Resp: 48698
Ion Ratio Lower Upper
73 100
57 15.4 16.4 24.6#



#20
Methylene Chloride
Concen: 22.573 ug/l
RT: 4.810 min Scan# 548
Delta R.T. -0.001 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

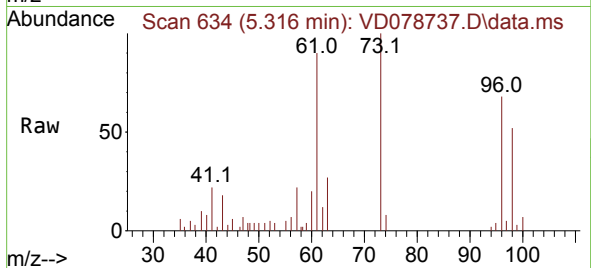
Tgt Ion: 84 Resp: 33566
Ion Ratio Lower Upper
84 100
49 97.4 75.6 113.4
51 31.7 23.4 35.0
86 55.4 47.8 71.6



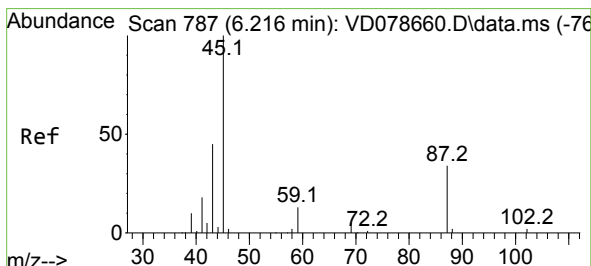
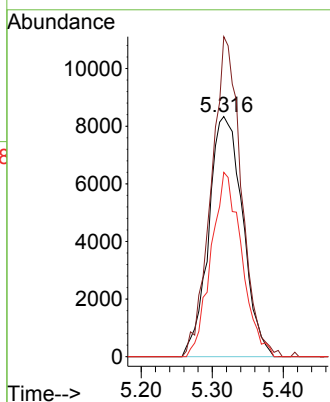
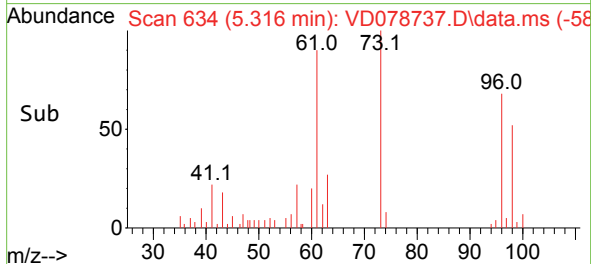


#21
trans-1,2-Dichloroethene
Concen: 21.243 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

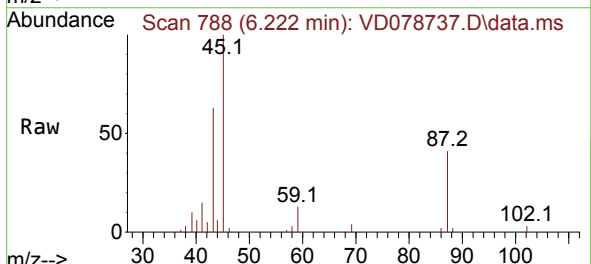
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01



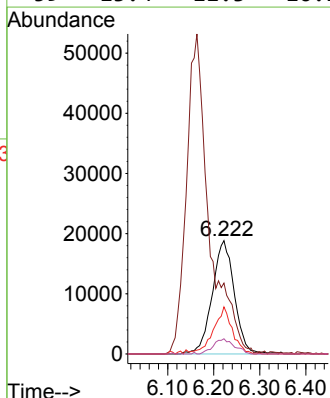
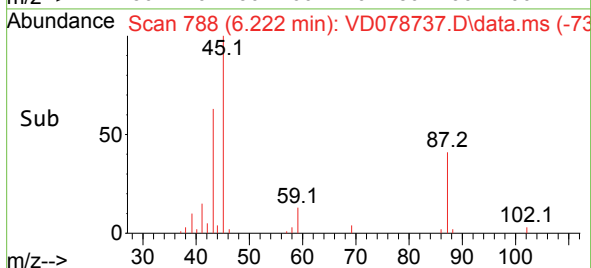
Tgt Ion: 96 Resp: 27599
Ion Ratio Lower Upper
96 100
61 133.3 96.1 144.1
98 76.7 48.9 73.3#

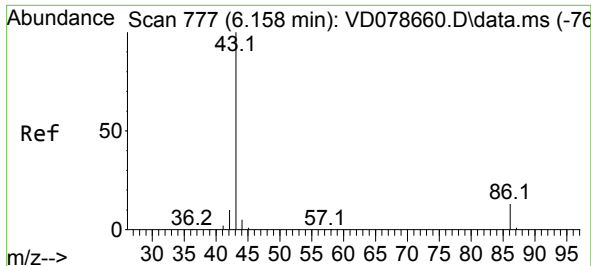


#22
Diisopropyl ether
Concen: 22.501 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36



Tgt Ion: 45 Resp: 62853
Ion Ratio Lower Upper
45 100
43 61.2 44.3 66.5
87 41.5 28.3 42.5
59 13.4 11.3 16.9

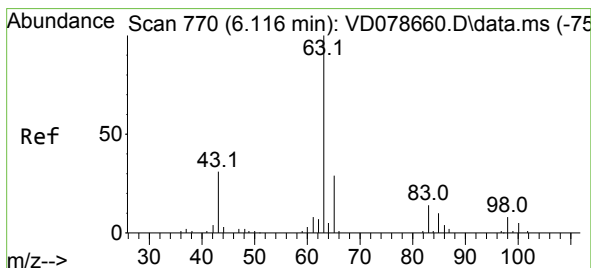
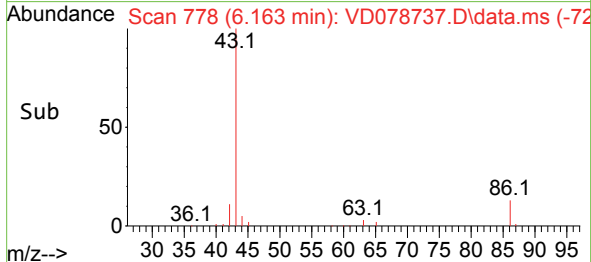
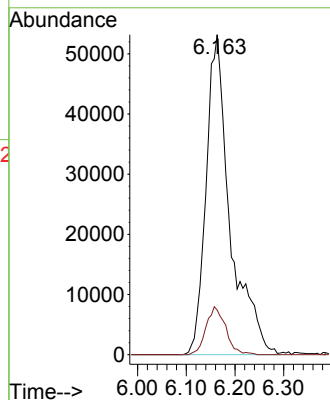
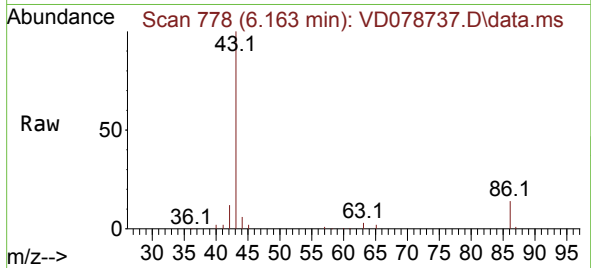




#23
 Vinyl Acetate
 Concen: 111.674 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD078737.D
 Acq: 22 Mar 2024 12:36

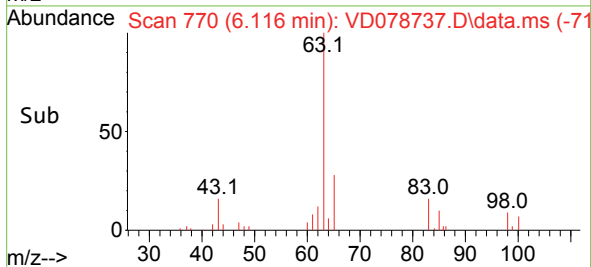
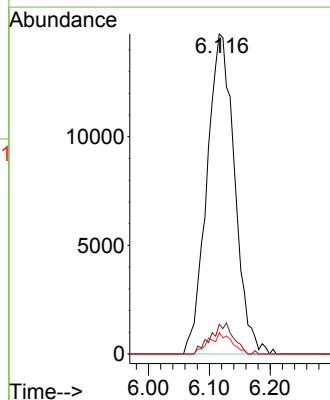
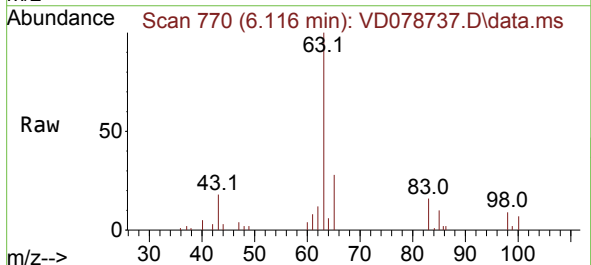
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBS01

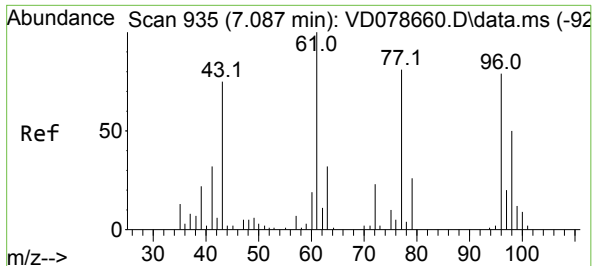
Tgt Ion: 43 Resp: 182466
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 22.283 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078737.D
 Acq: 22 Mar 2024 12:36

Tgt Ion: 63 Resp: 46667
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.0 11.9
 100 6.7 2.7 8.1

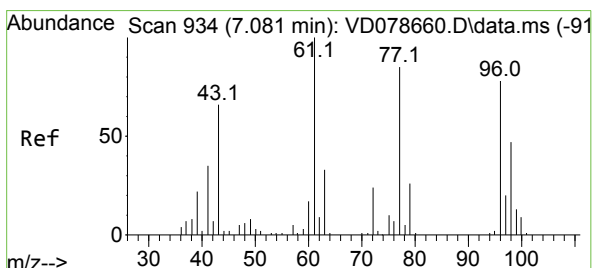
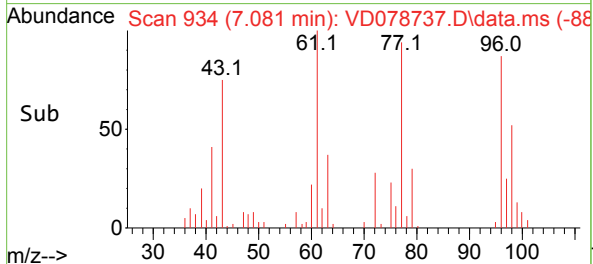
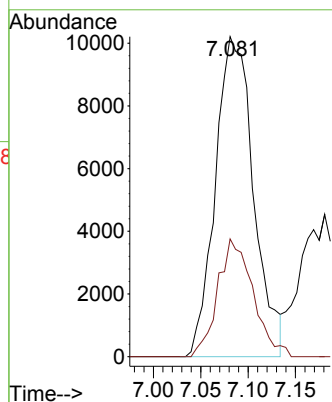
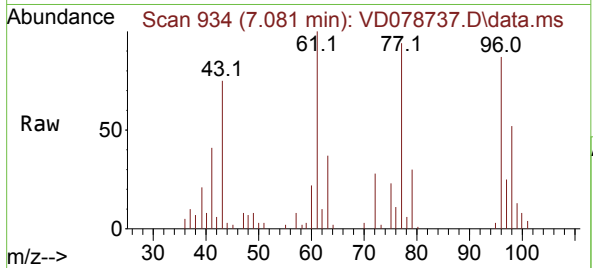




#25
2-Butanone
Concen: 110.498 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

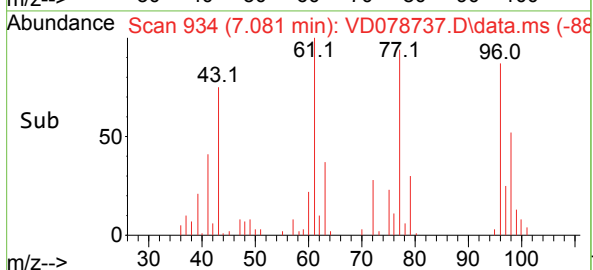
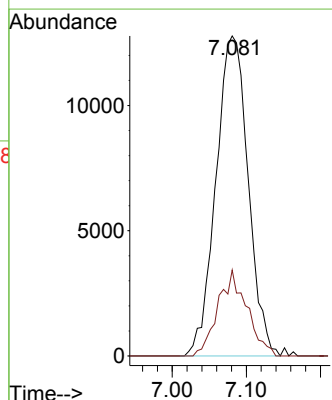
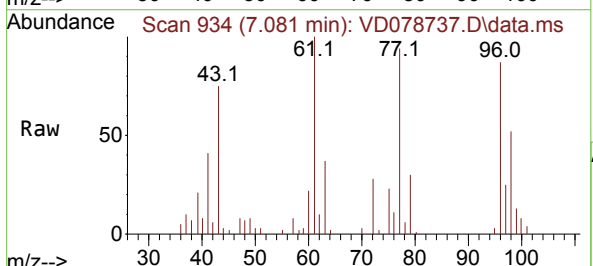
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

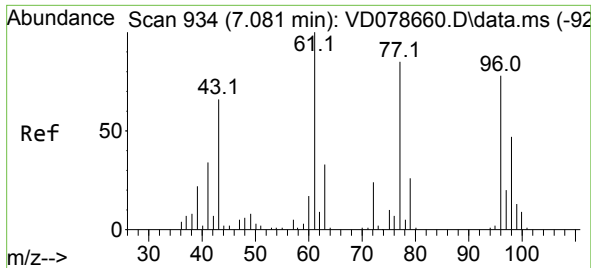
Tgt Ion: 43 Resp: 28650
Ion Ratio Lower Upper
43 100
72 36.8 25.0 37.6



#26
2,2-Dichloropropane
Concen: 21.784 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion: 77 Resp: 38598
Ion Ratio Lower Upper
77 100
97 24.1 12.4 37.0

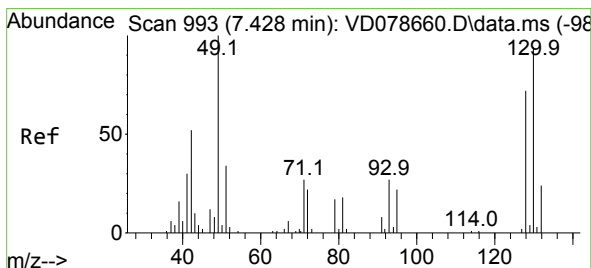
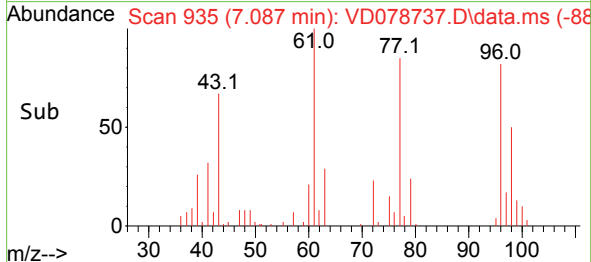
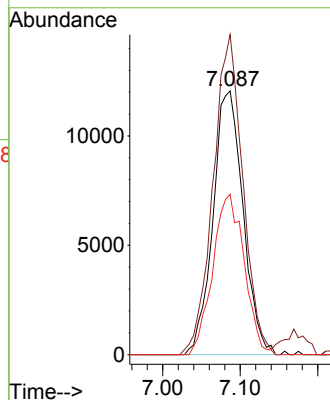
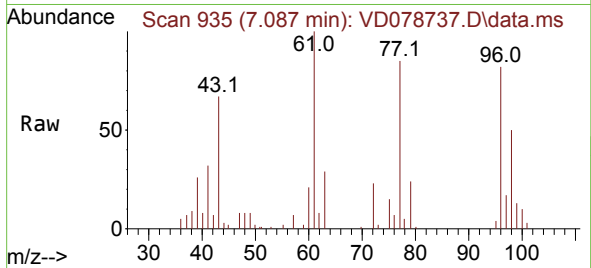




#27
cis-1,2-Dichloroethene
Concen: 21.977 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

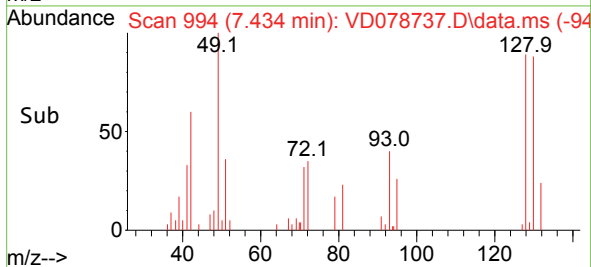
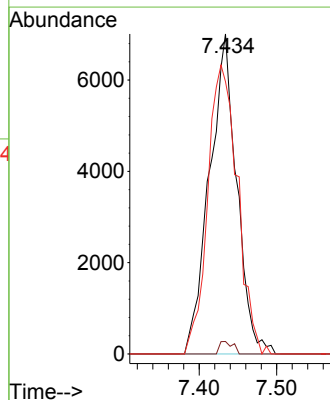
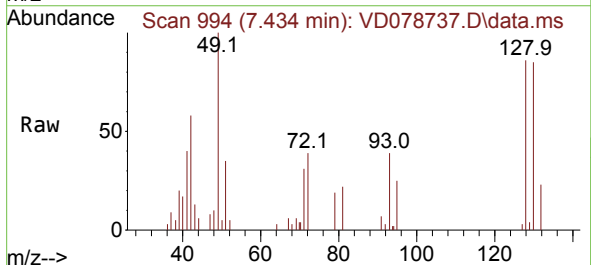
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

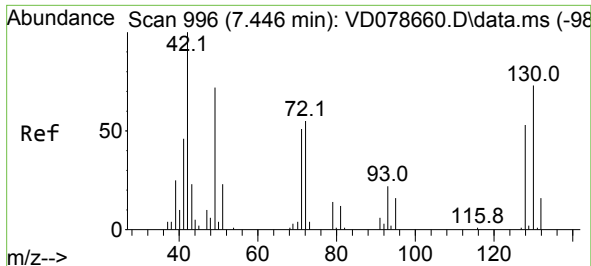
Tgt Ion: 96 Resp: 32567
Ion Ratio Lower Upper
96 100
61 119.7 0.0 245.0
98 63.5 0.0 126.6



#28
Bromochloromethane
Concen: 22.986 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion: 49 Resp: 17162
Ion Ratio Lower Upper
49 100
129 1.9 0.0 6.2
130 98.2 77.1 115.7





#29

Tetrahydrofuran

Concen: 111.711 ug/l

RT: 7.451 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBS01

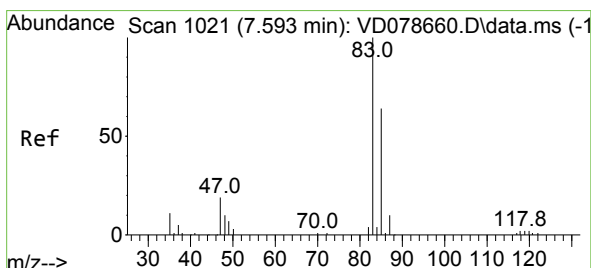
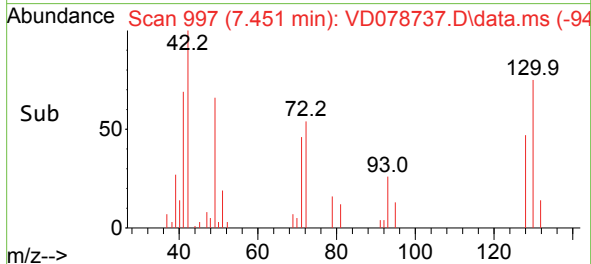
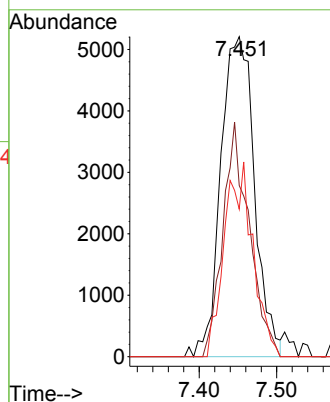
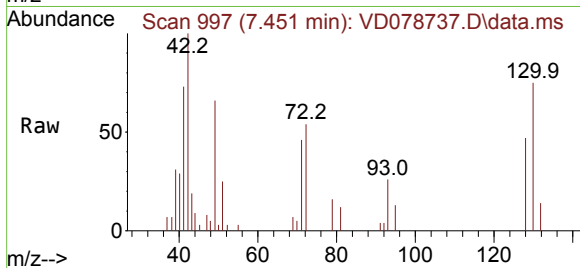
Tgt Ion: 42 Resp: 15754

Ion Ratio Lower Upper

42 100

72 57.4 43.8 65.6

71 51.1 42.0 63.0



#30

Chloroform

Concen: 22.089 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078737.D

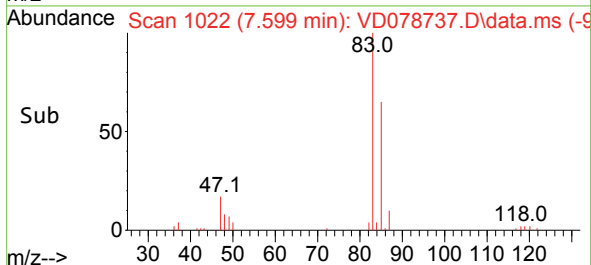
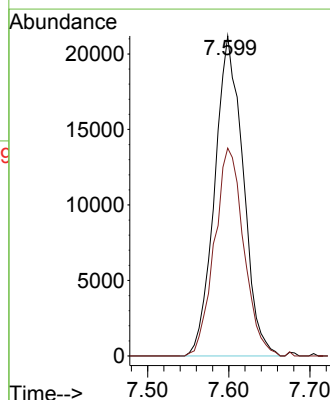
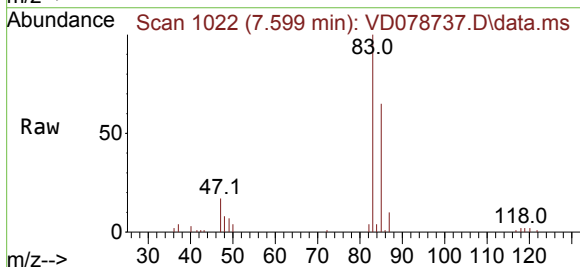
Acq: 22 Mar 2024 12:36

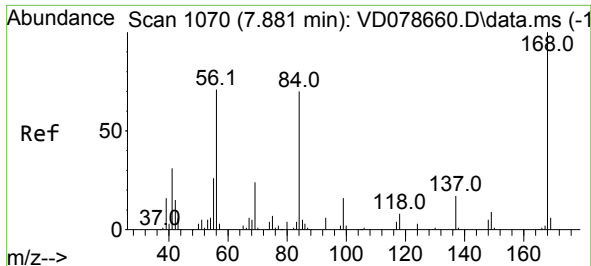
Tgt Ion: 83 Resp: 51579

Ion Ratio Lower Upper

83 100

85 65.0 51.2 76.8

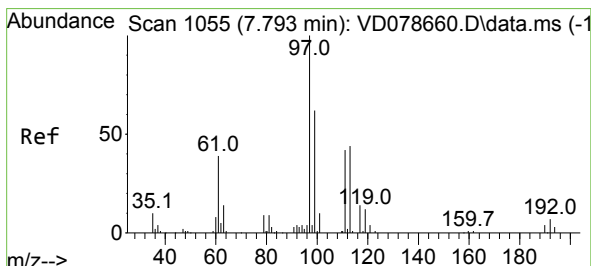
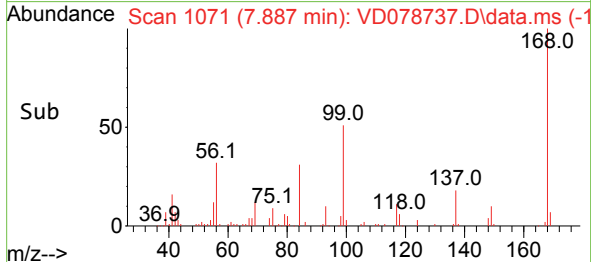
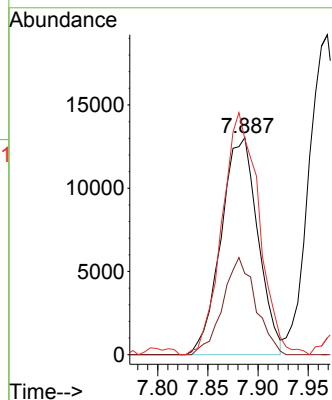
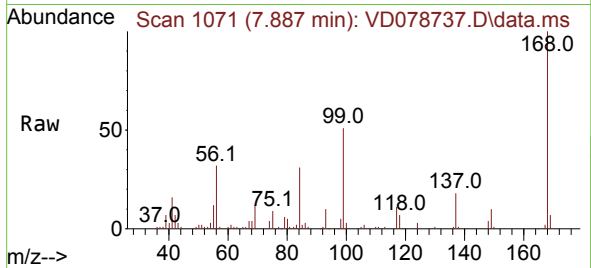




#31
Cyclohexane
Concen: 19.683 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

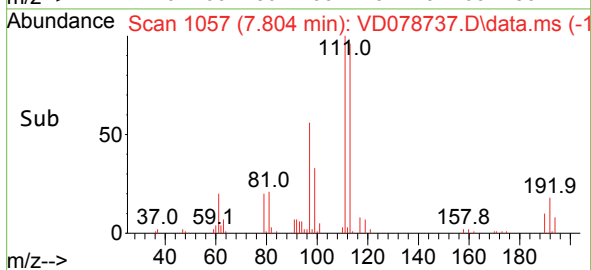
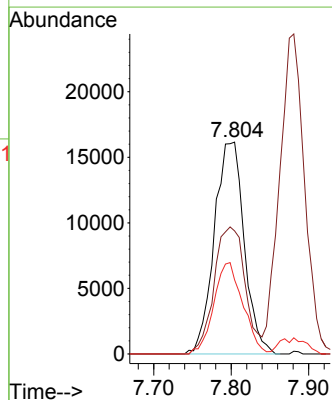
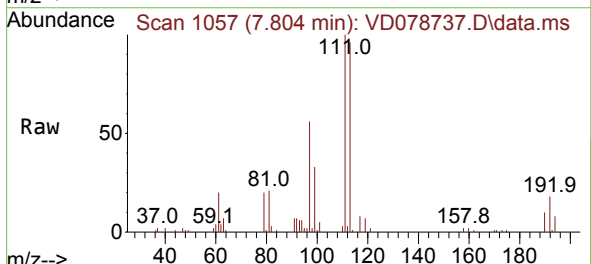
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

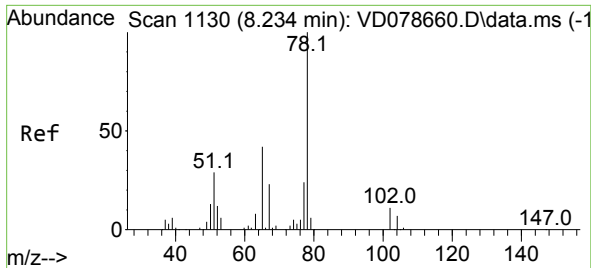
Tgt Ion: 56 Resp: 33365
Ion Ratio Lower Upper
56 100
69 37.3 26.6 40.0
84 99.3 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 21.892 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion: 97 Resp: 43372
Ion Ratio Lower Upper
97 100
99 62.5 50.8 76.2
61 41.8 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 58.474 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

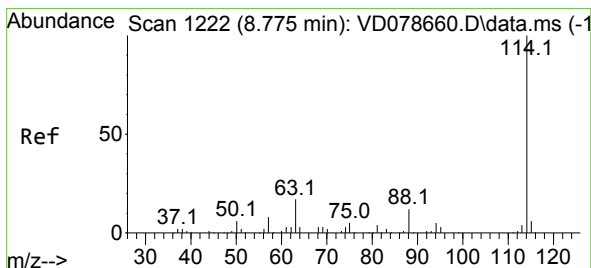
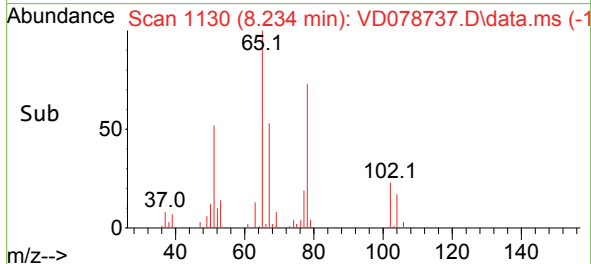
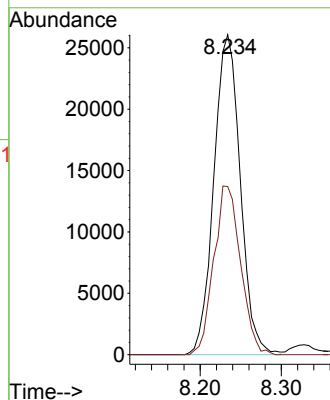
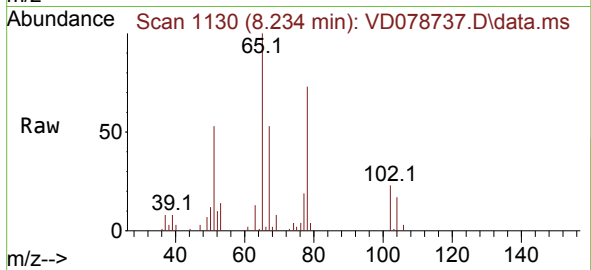
VD0322SBS01

Tgt Ion: 65 Resp: 58972

Ion Ratio Lower Upper

65 100

67 53.5 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

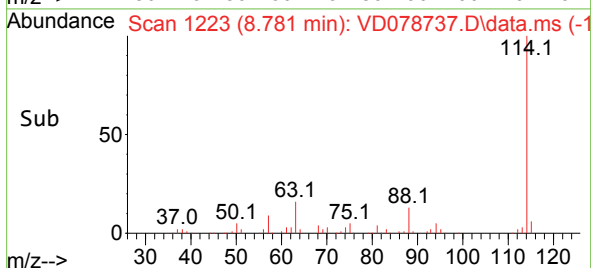
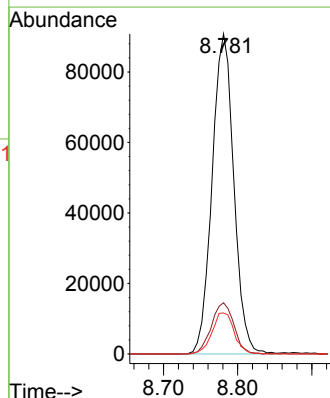
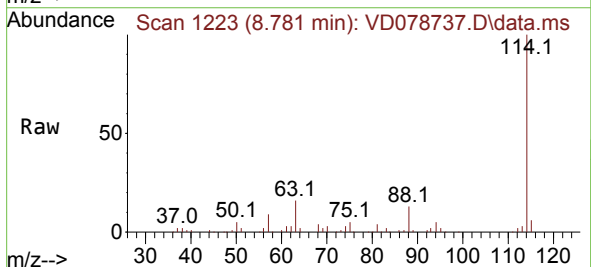
Tgt Ion: 114 Resp: 184818

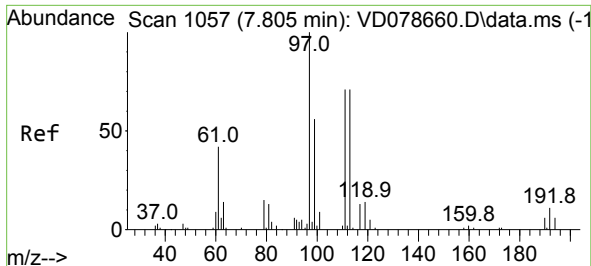
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 12.8 0.0 24.6





#35

Dibromofluoromethane

Concen: 57.647 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBS01

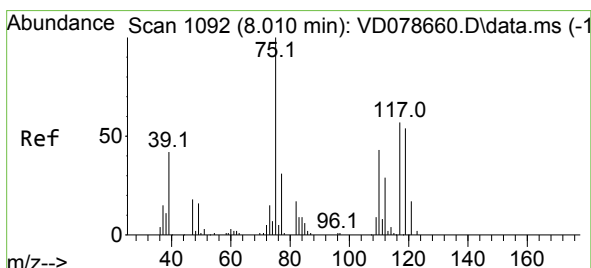
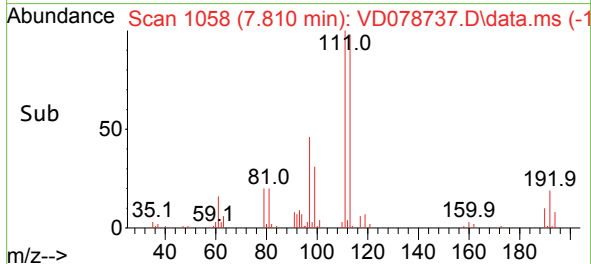
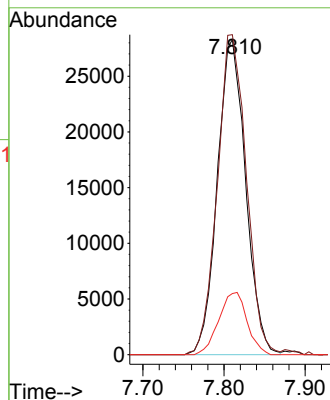
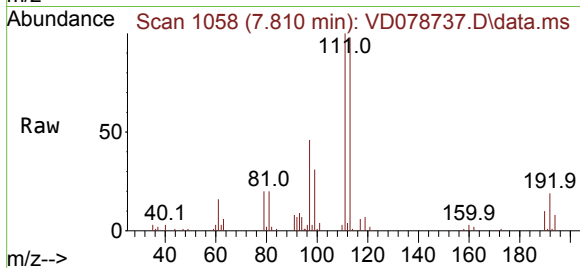
Tgt Ion:113 Resp: 68597

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

192 19.7 15.4 23.0



#36

1,1-Dichloropropene

Concen: 21.408 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

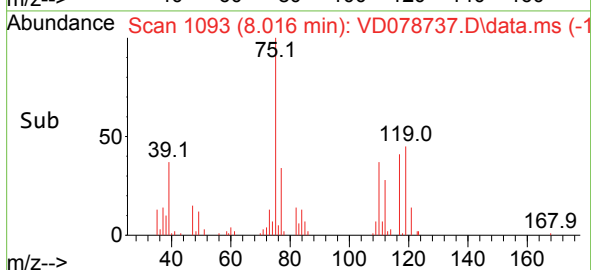
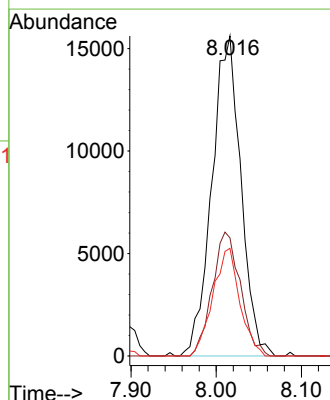
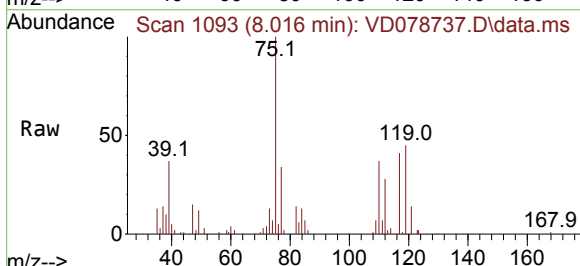
Tgt Ion: 75 Resp: 36962

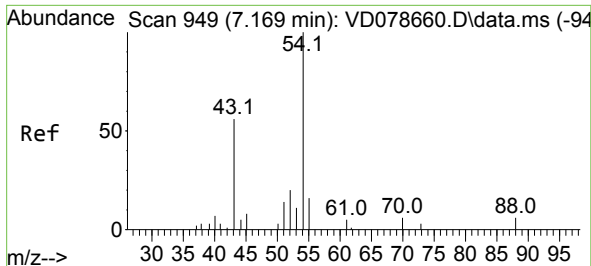
Ion Ratio Lower Upper

75 100

110 37.5 19.1 57.1

77 31.3 25.4 38.2





#37

Ethyl Acetate

Concen: 22.584 ug/l

RT: 7.181 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBS01

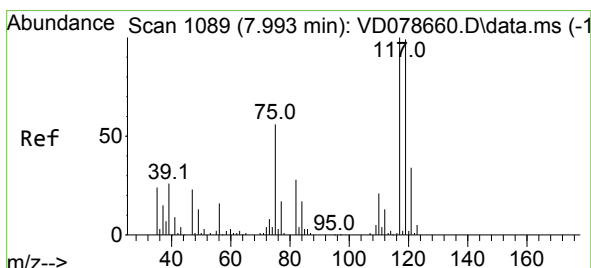
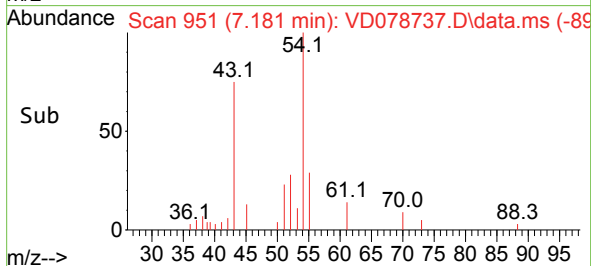
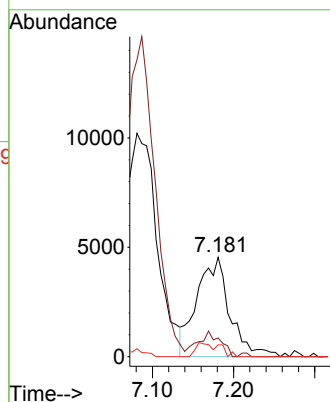
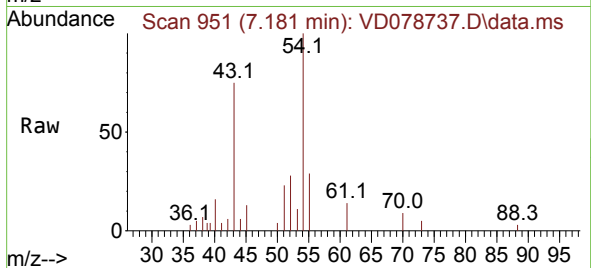
Tgt Ion: 43 Resp: 12738

Ion Ratio Lower Upper

43 100

61 17.6 14.6 21.8

70 0.0 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 20.943 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

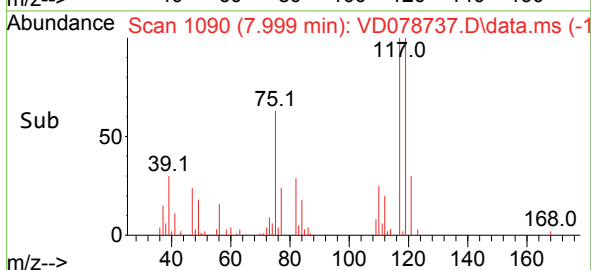
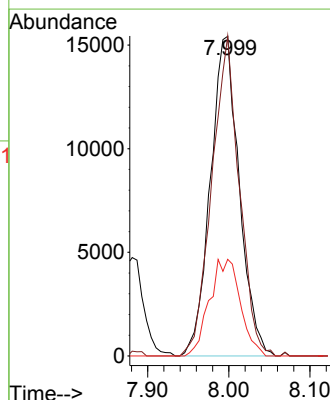
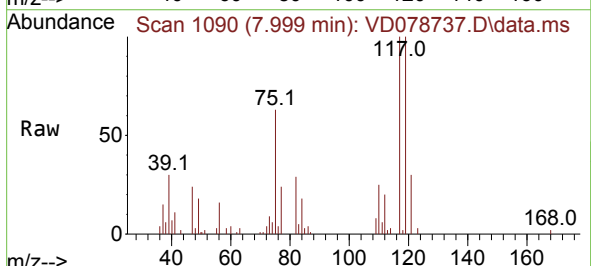
Tgt Ion:117 Resp: 38120

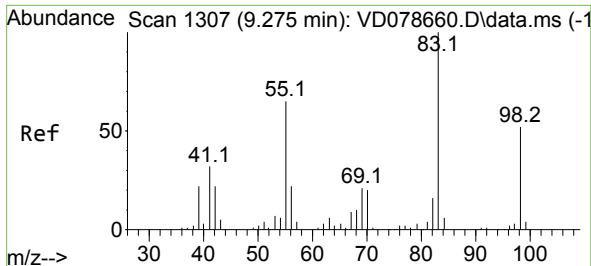
Ion Ratio Lower Upper

117 100

119 100.1 79.2 118.8

121 30.2 26.8 40.2





#39

Methylcyclohexane

Concen: 19.356 ug/l

RT: 9.275 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VD078737.D

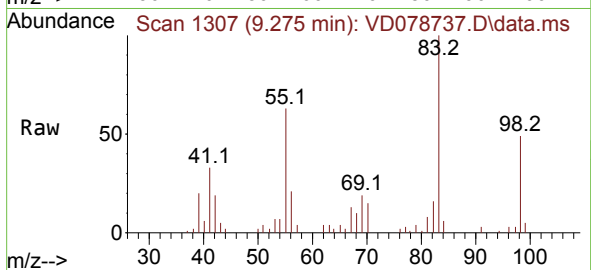
Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBS01



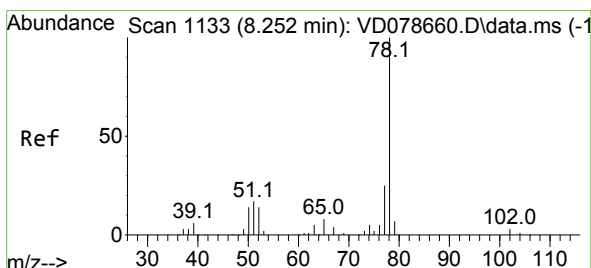
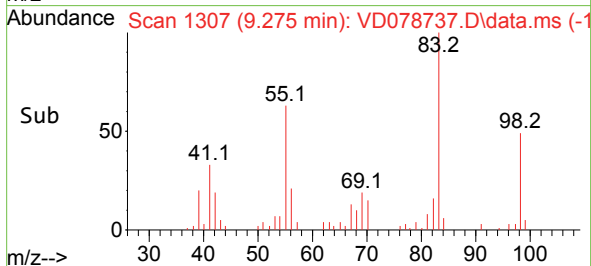
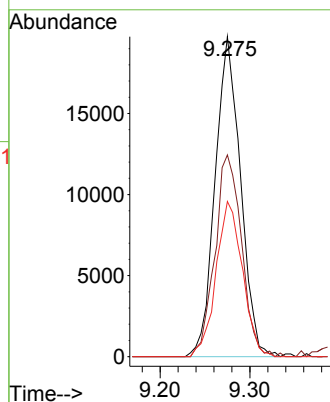
Tgt Ion: 83 Resp: 38767

Ion Ratio Lower Upper

83 100

55 63.0 51.7 77.5

98 48.5 41.4 62.0



#40

Benzene

Concen: 20.682 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD078737.D

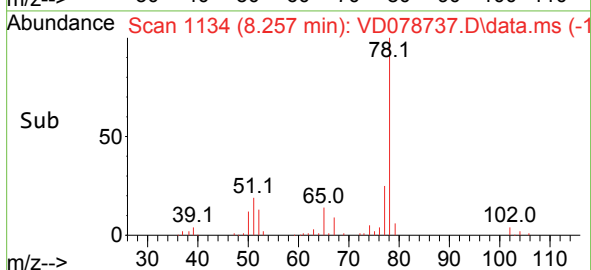
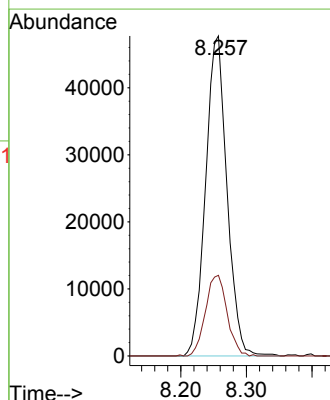
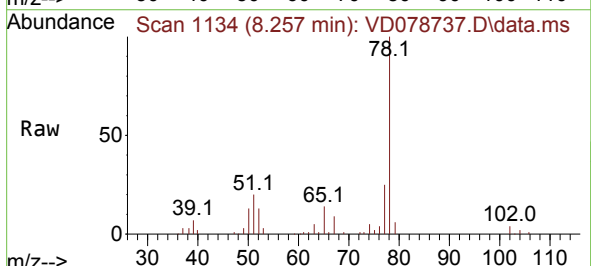
Acq: 22 Mar 2024 12:36

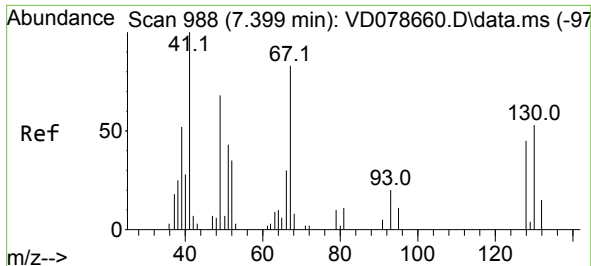
Tgt Ion: 78 Resp: 107942

Ion Ratio Lower Upper

78 100

77 25.2 20.4 30.6

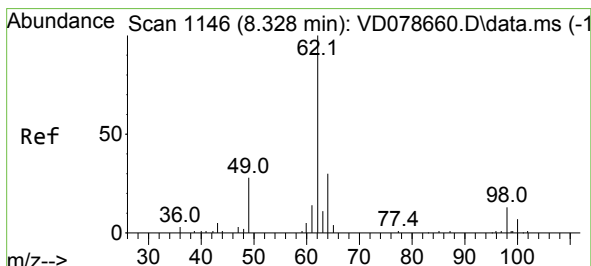
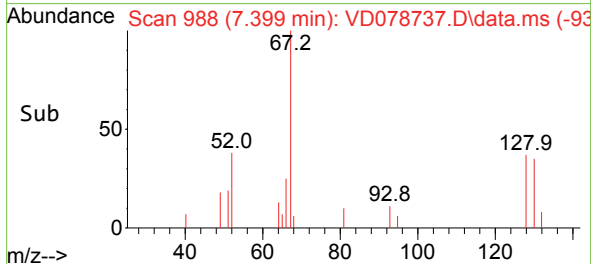
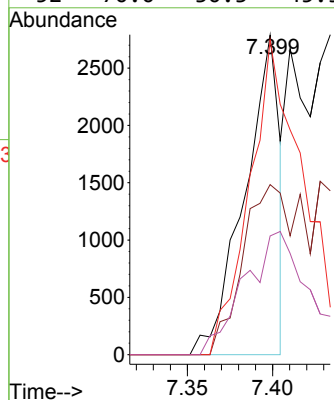
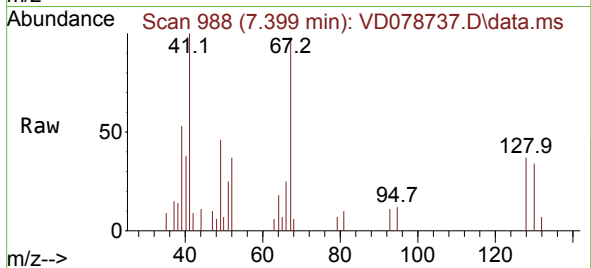




#41
Methacrylonitrile
Concen: 13.546 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

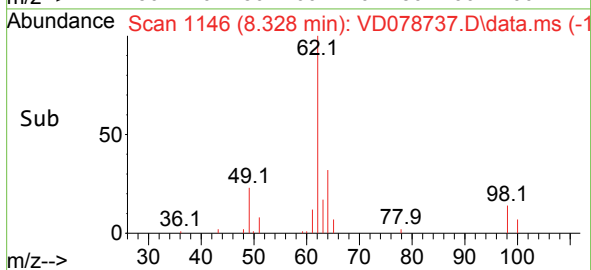
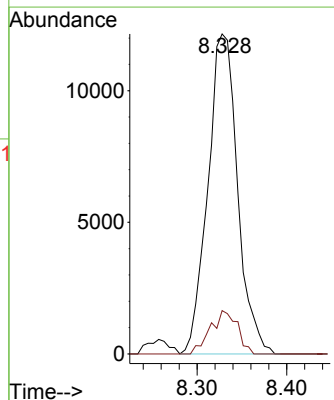
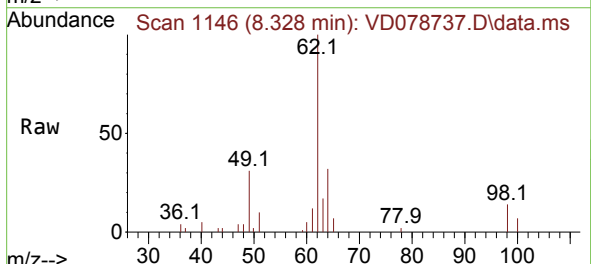
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

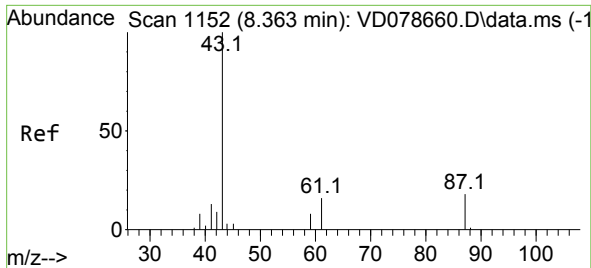
Tgt Ion:	41	Resp:	4004
Ion	Ratio	Lower	Upper
41	100		
39	69.1	39.8	59.6#
67	151.8	83.5	125.3#
52	70.0	30.3	45.5#



#42
1,2-Dichloroethane
Concen: 21.981 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion:	62	Resp:	27977
Ion	Ratio	Lower	Upper
62	100		
98	12.3	0.0	23.8

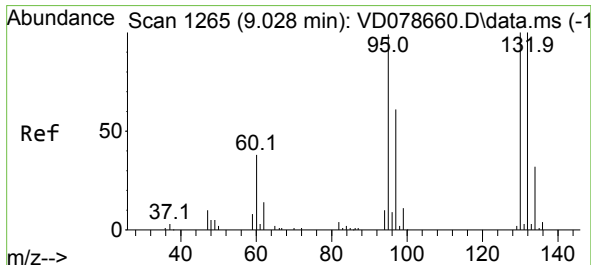
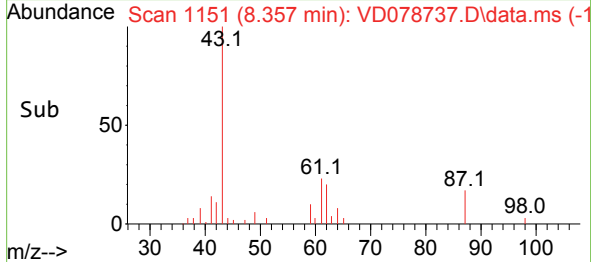
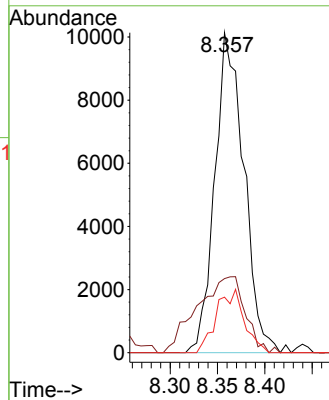
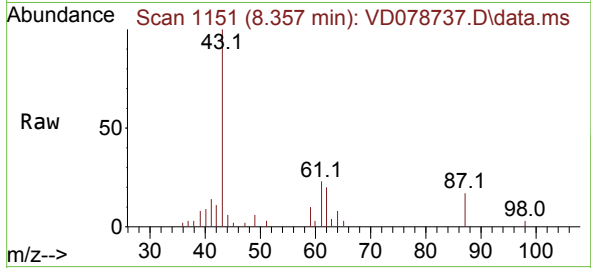




#43
Isopropyl Acetate
Concen: 21.016 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

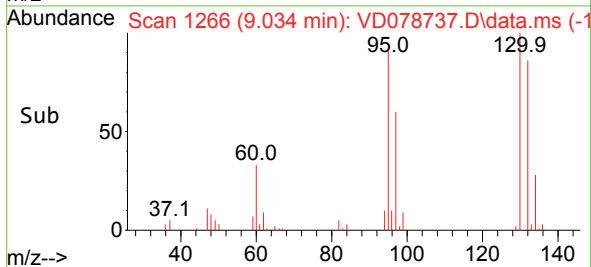
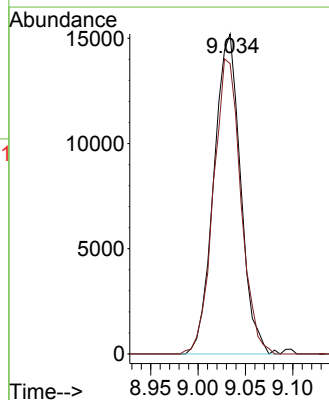
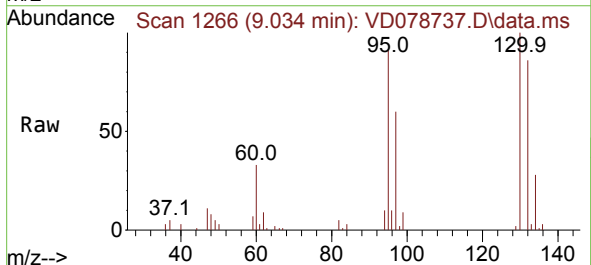
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

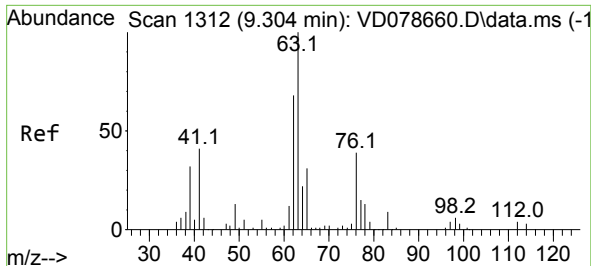
Tgt Ion: 43	Resp: 21557
Ion Ratio	Lower Upper
43 100	
61 39.2	30.1 45.1
87 19.1	14.4 21.6



#44
Trichloroethene
Concen: 21.042 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion:130	Resp: 29803
Ion Ratio	Lower Upper
130 100	
95 90.7	0.0 197.8





#45

1,2-Dichloropropane

Concen: 21.813 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

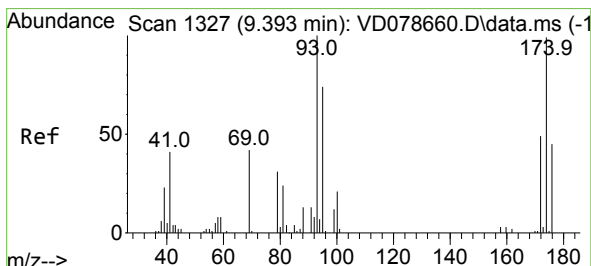
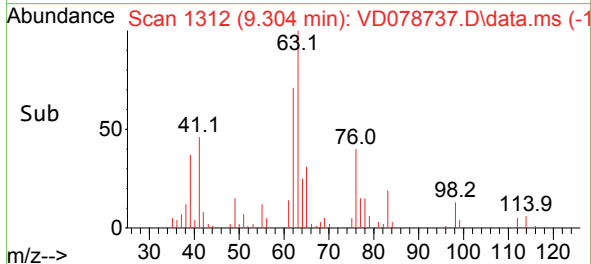
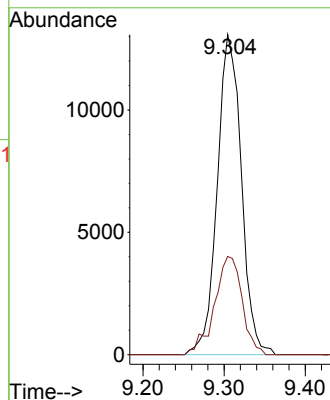
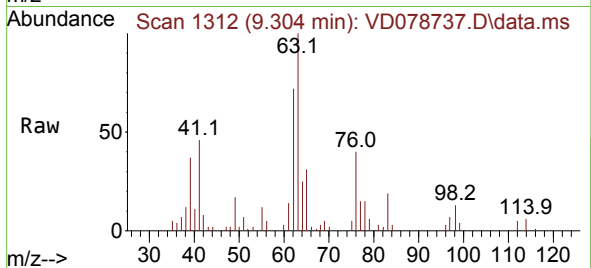
VD0322SBS01

Tgt Ion: 63 Resp: 27006

Ion Ratio Lower Upper

63 100

65 30.7 24.8 37.2



#46

Dibromomethane

Concen: 21.354 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

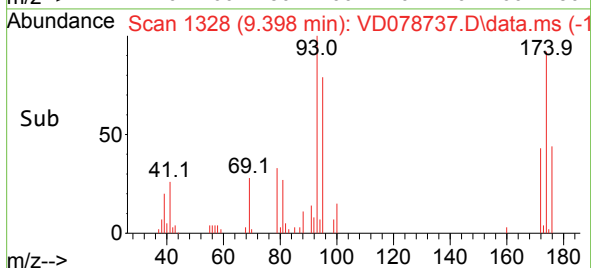
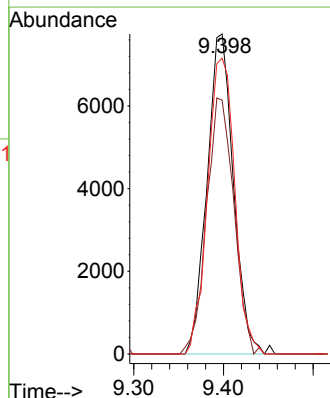
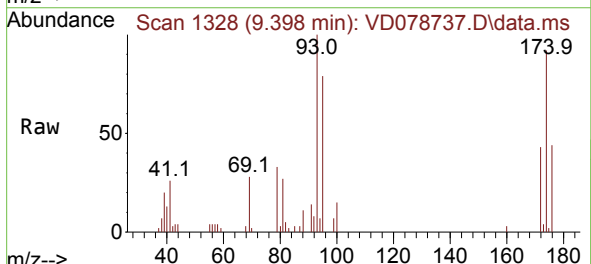
Tgt Ion: 93 Resp: 15848

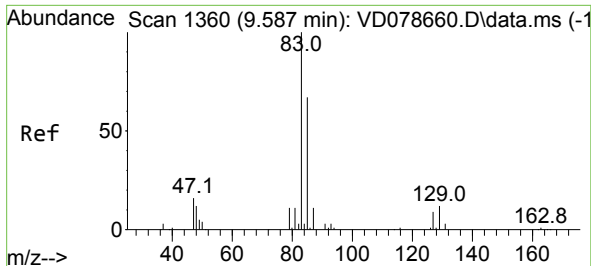
Ion Ratio Lower Upper

93 100

95 82.7 67.3 100.9

174 95.0 80.9 121.3

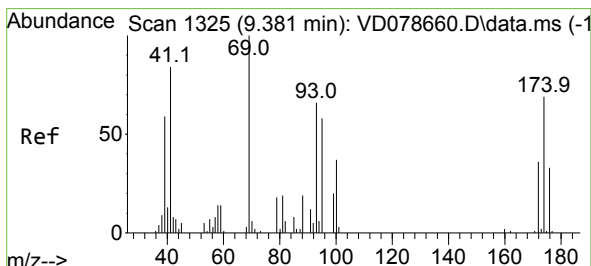
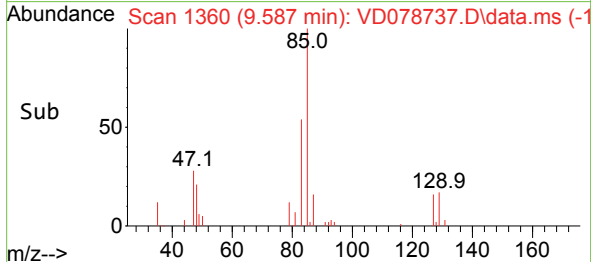
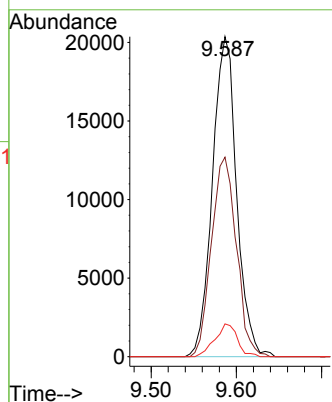
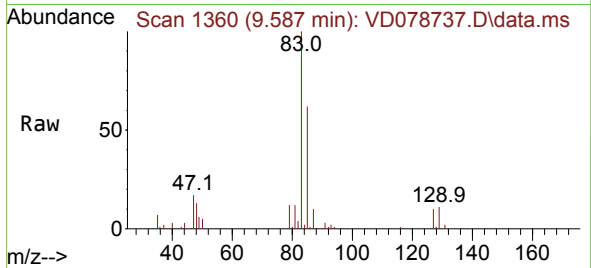




#47
Bromodichloromethane
Concen: 22.740 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

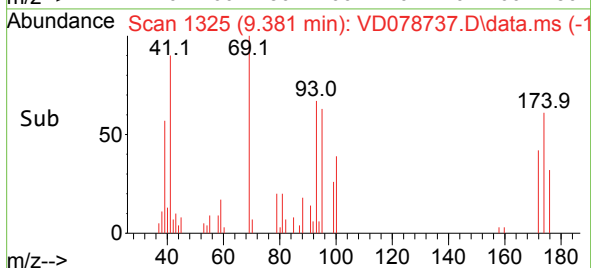
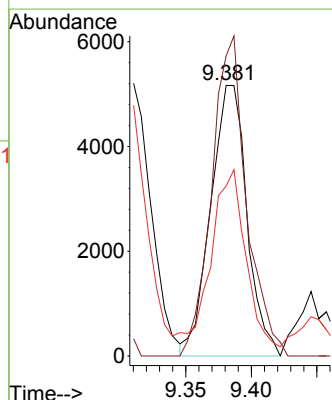
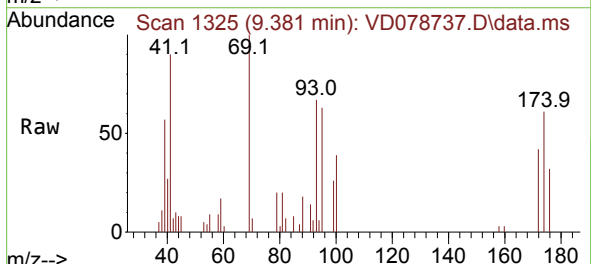
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

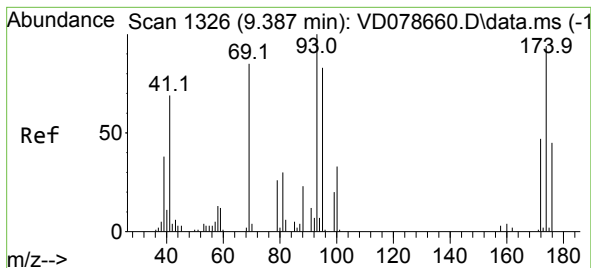
Tgt Ion: 83 Resp: 40176
Ion Ratio Lower Upper
83 100
85 62.3 54.0 81.0
127 10.2 7.1 10.7



#48
Methyl methacrylate
Concen: 19.844 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion: 41 Resp: 9918
Ion Ratio Lower Upper
41 100
69 113.4 88.3 132.5
39 67.1 46.6 69.8





#49

1,4-Dioxane

Concen: 356.538 ug/l

RT: 9.393 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBS01

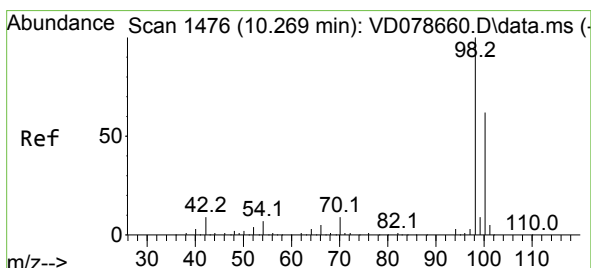
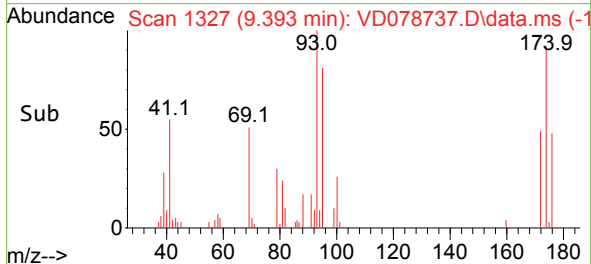
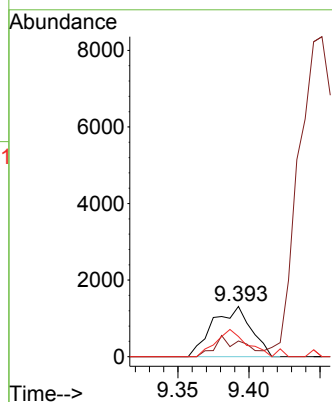
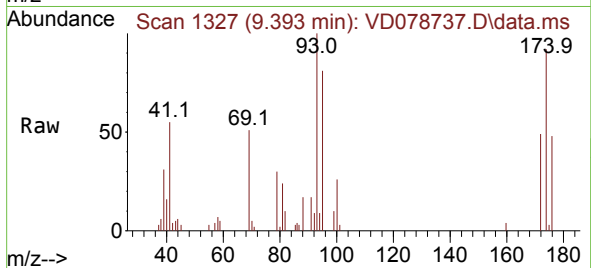
Tgt Ion: 88 Resp: 2450

Ion Ratio Lower Upper

88 100

43 31.4 23.2 34.8

58 43.3 51.0 76.6#



#50

Toluene-d8

Concen: 59.552 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078737.D

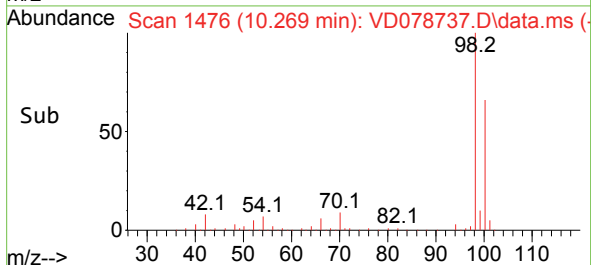
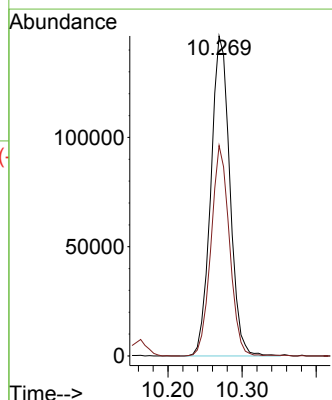
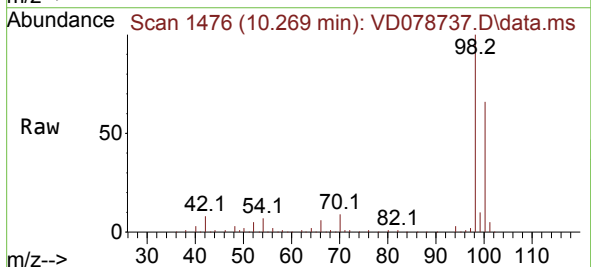
Acq: 22 Mar 2024 12:36

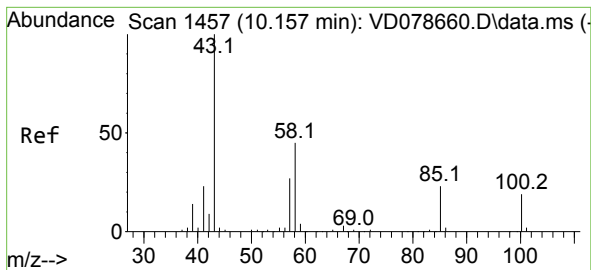
Tgt Ion: 98 Resp: 260616

Ion Ratio Lower Upper

98 100

100 63.9 50.5 75.7

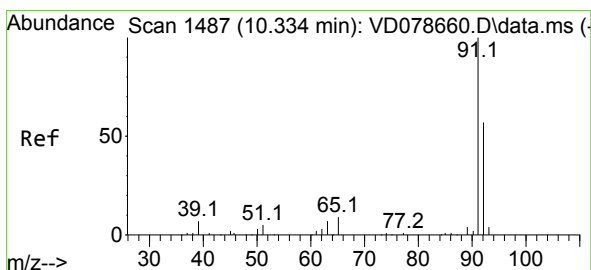
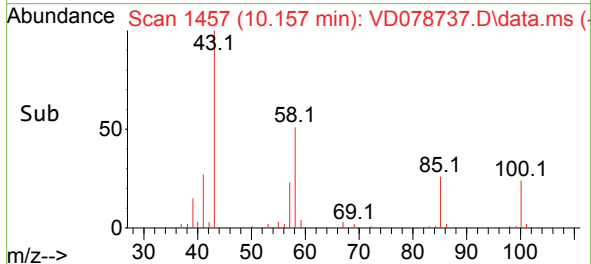
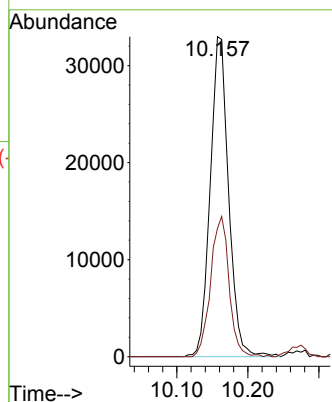
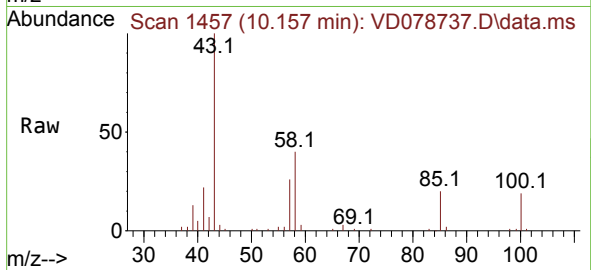




#51
4-Methyl-2-Pentanone
Concen: 110.639 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

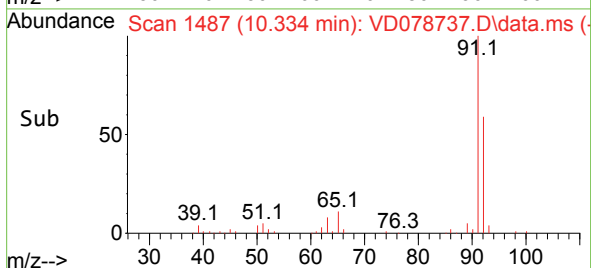
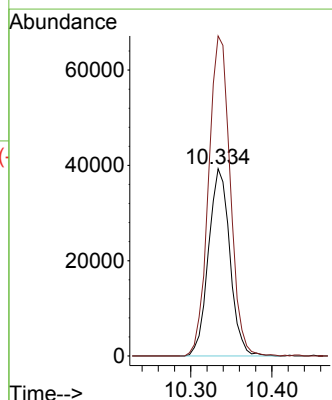
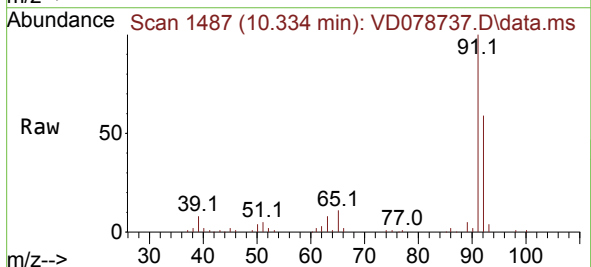
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

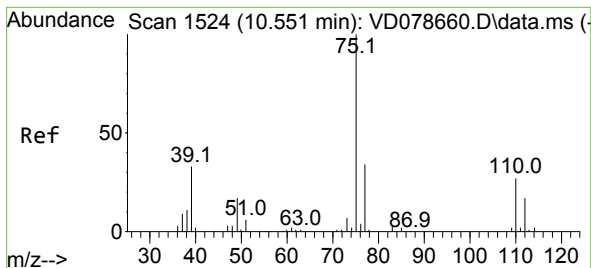
Tgt Ion: 43 Resp: 59331
Ion Ratio Lower Upper
43 100
58 43.9 36.4 54.6



#52
Toluene
Concen: 21.360 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion: 92 Resp: 71771
Ion Ratio Lower Upper
92 100
91 173.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 21.382 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

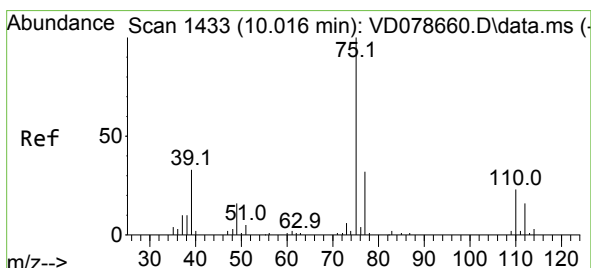
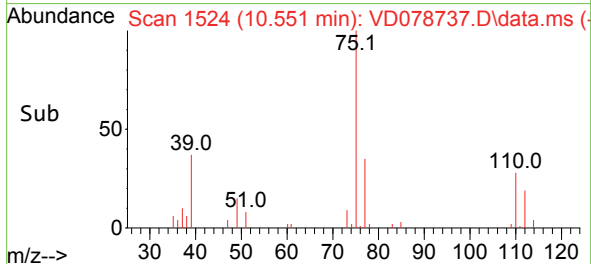
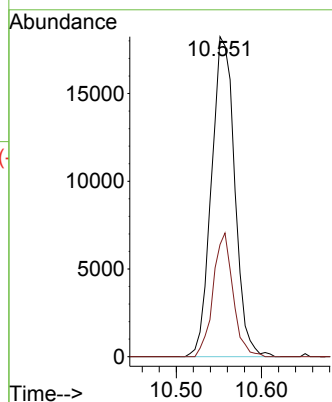
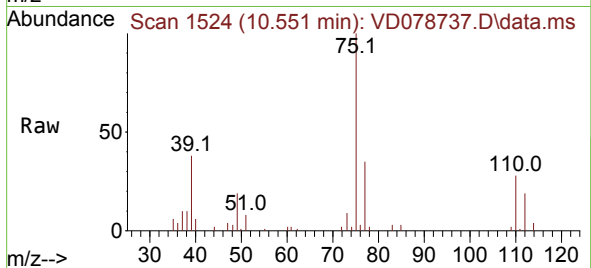
VD0322SBS01

Tgt Ion: 75 Resp: 34540

Ion Ratio Lower Upper

75 100

77 35.0 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 22.235 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

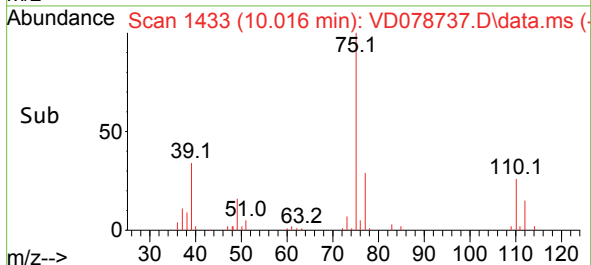
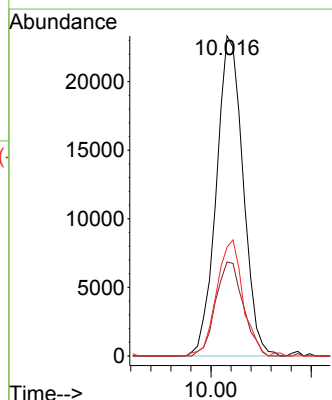
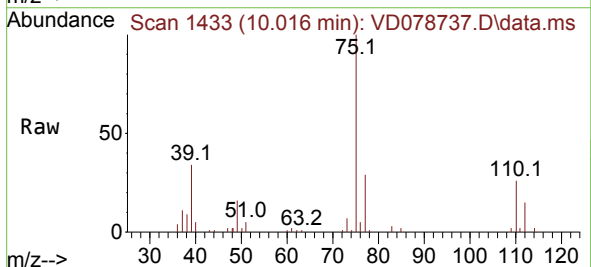
Tgt Ion: 75 Resp: 43178

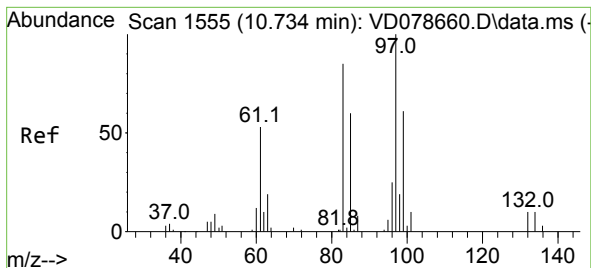
Ion Ratio Lower Upper

75 100

77 29.4 25.4 38.0

39 34.0 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 22.397 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBS01

Tgt Ion: 97 Resp: 22259

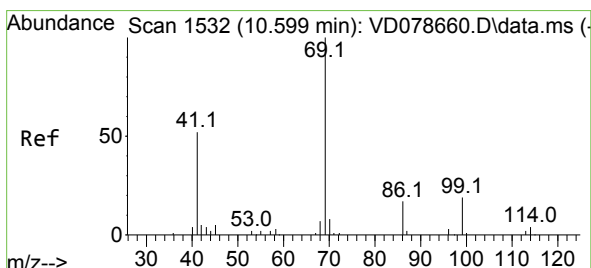
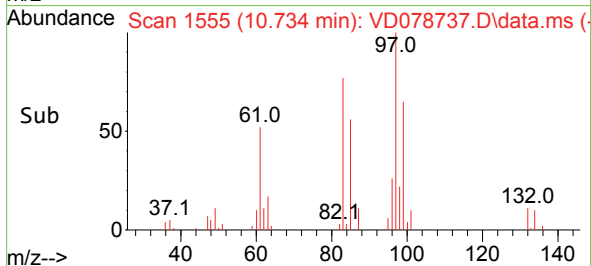
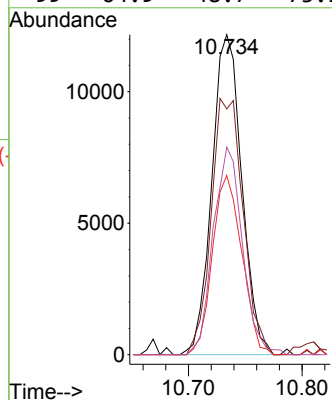
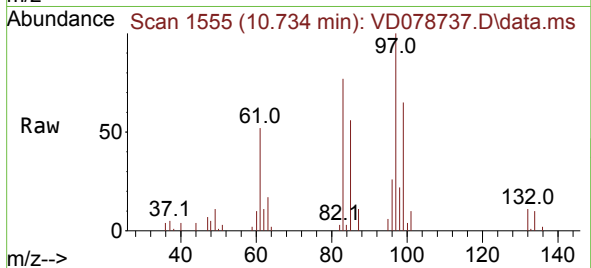
Ion Ratio Lower Upper

97 100

83 76.8 68.1 102.1

85 56.0 48.2 72.2

99 64.9 48.7 73.1



#56

Ethyl methacrylate

Concen: 21.186 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

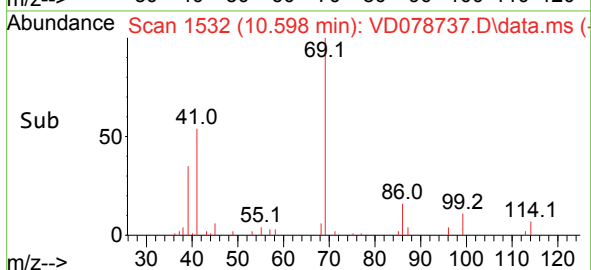
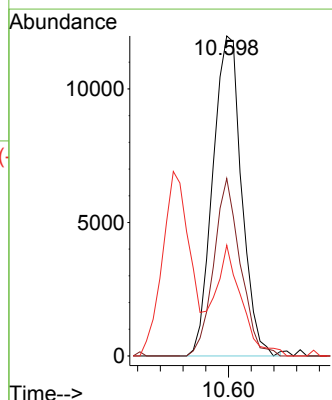
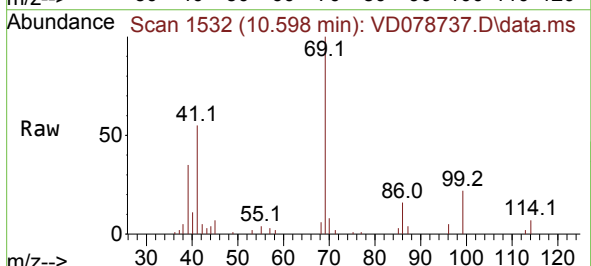
Tgt Ion: 69 Resp: 21108

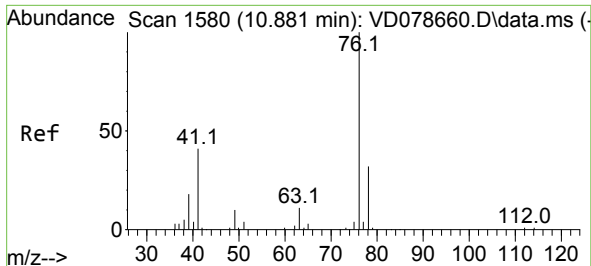
Ion Ratio Lower Upper

69 100

41 51.4 40.9 61.3

39 30.0 25.5 38.3





#57

1,3-Dichloropropane

Concen: 22.259 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

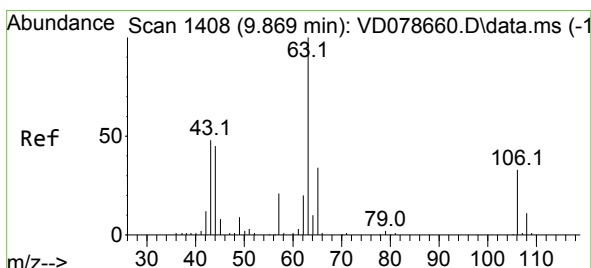
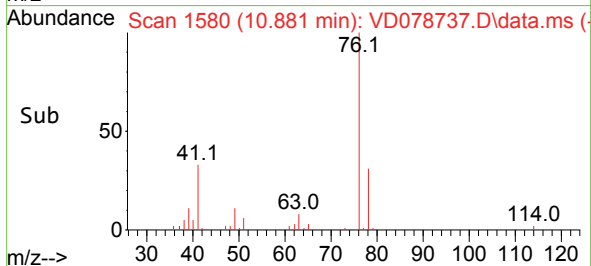
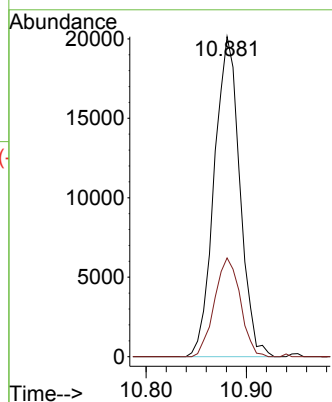
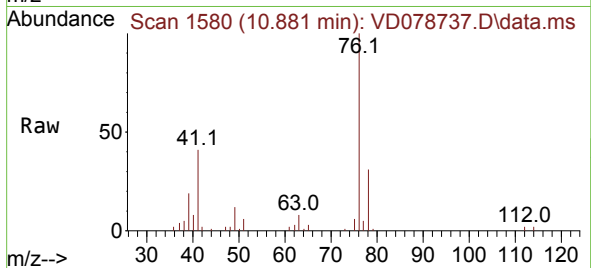
VD0322SBS01

Tgt Ion: 76 Resp: 35695

Ion Ratio Lower Upper

76 100

78 31.1 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 113.559 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078737.D

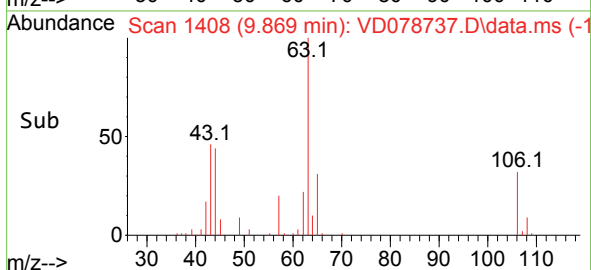
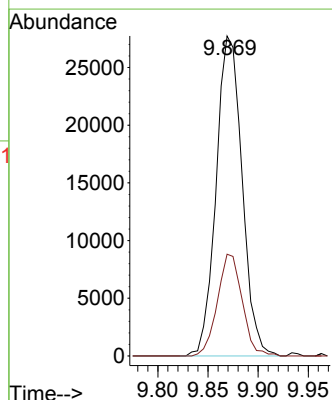
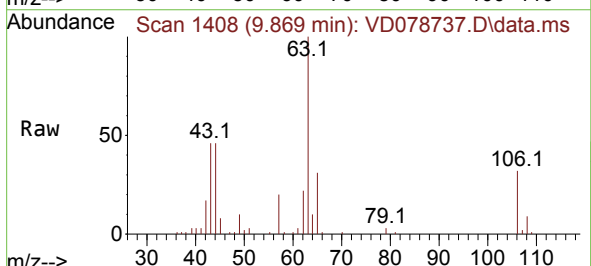
Acq: 22 Mar 2024 12:36

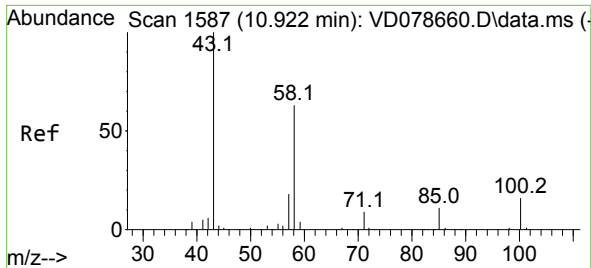
Tgt Ion: 63 Resp: 49888

Ion Ratio Lower Upper

63 100

106 30.3 25.2 37.8

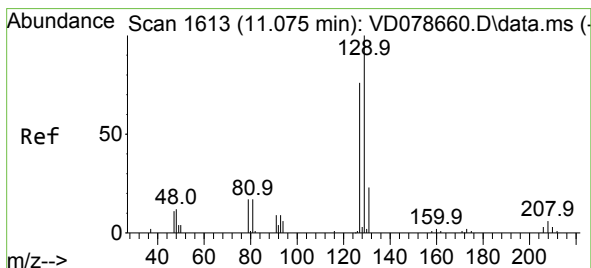
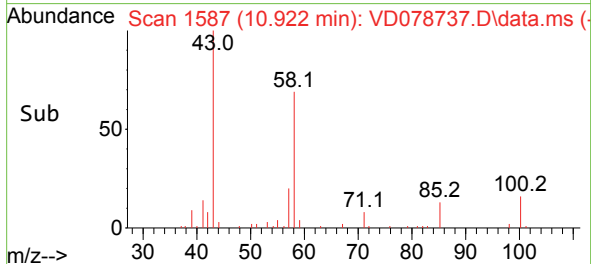
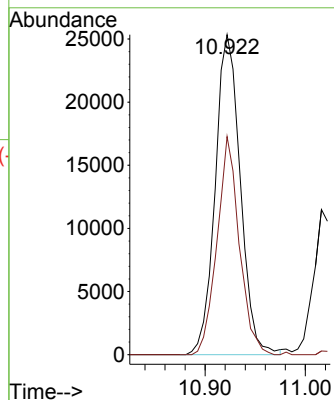
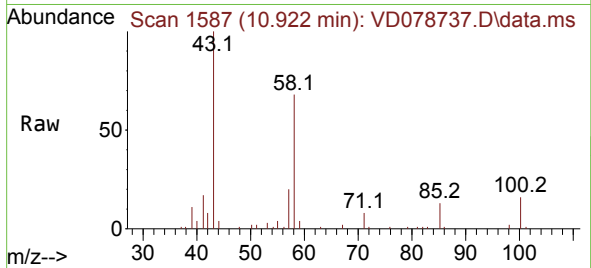




#59
2-Hexanone
Concen: 110.647 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

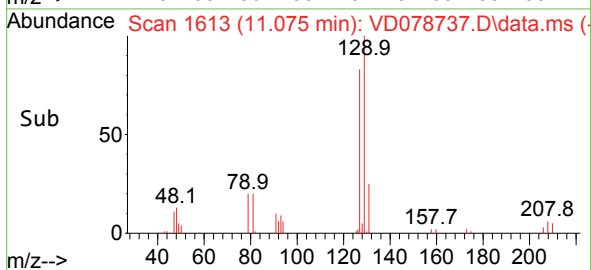
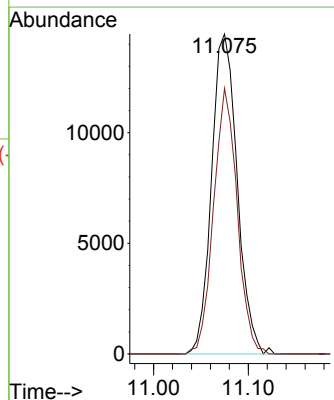
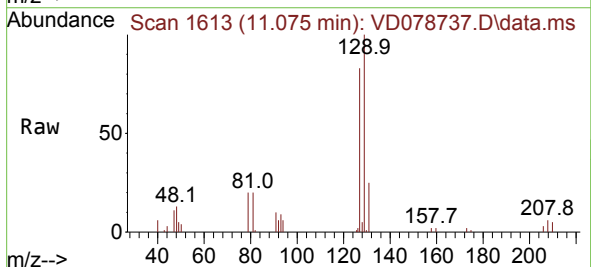
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

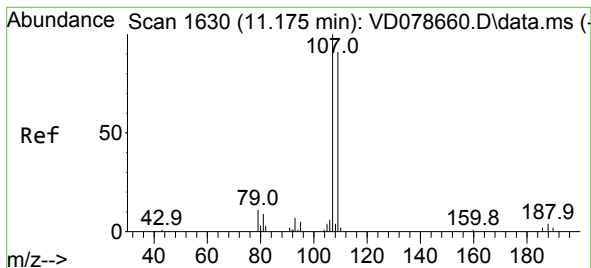
Tgt Ion: 43 Resp: 43986
Ion Ratio Lower Upper
43 100
58 60.5 31.5 94.5



#60
Dibromochloromethane
Concen: 22.179 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion: 129 Resp: 27183
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 21.658 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

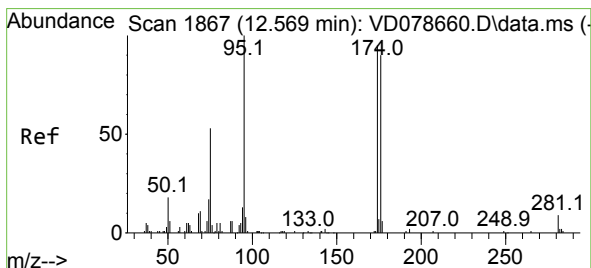
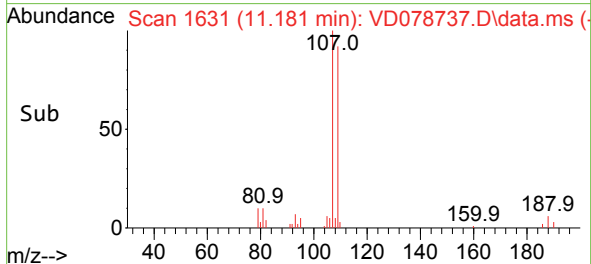
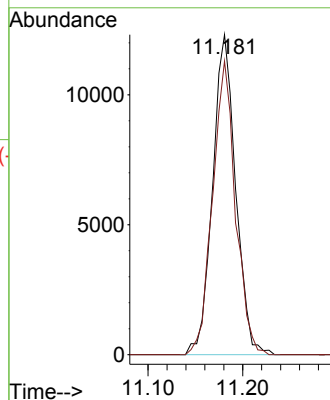
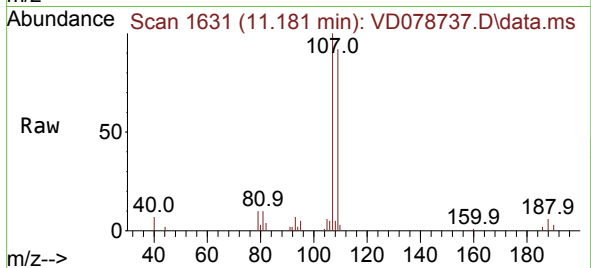
VD0322SBS01

Tgt Ion:107 Resp: 20831

Ion Ratio Lower Upper

107 100

109 91.1 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 59.799 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

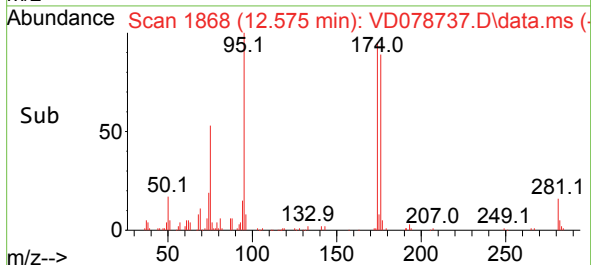
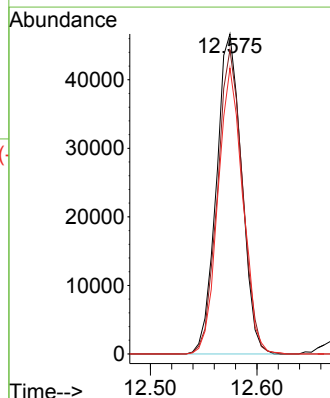
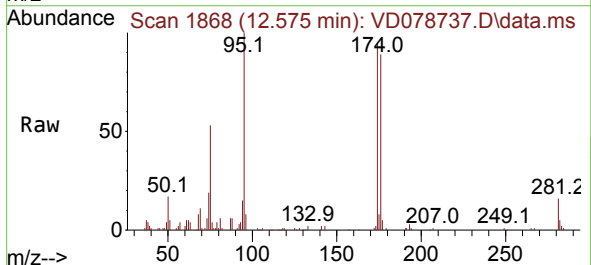
Tgt Ion: 95 Resp: 76561

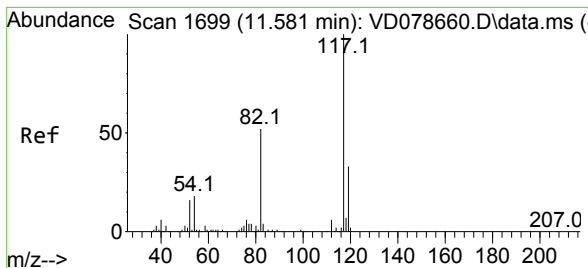
Ion Ratio Lower Upper

95 100

174 94.4 0.0 195.2

176 88.1 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBS01

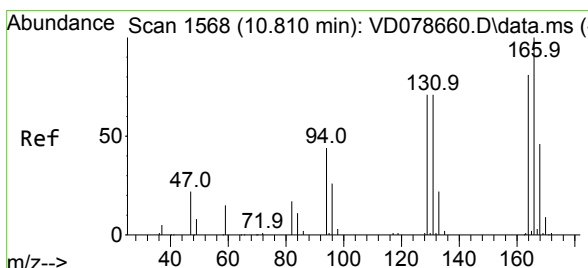
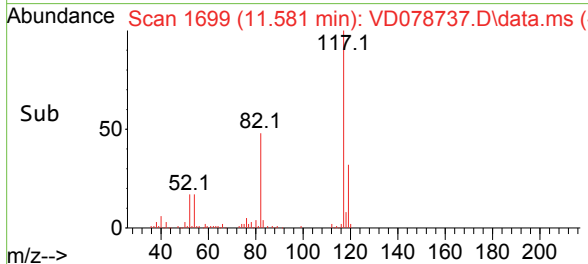
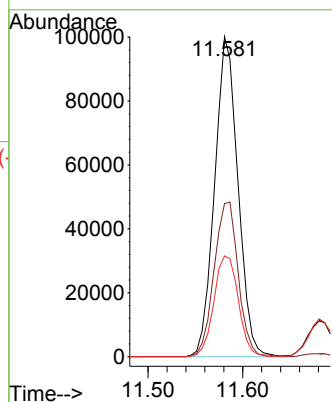
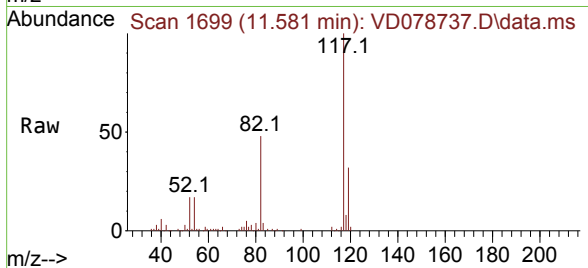
Tgt Ion:117 Resp: 171280

Ion Ratio Lower Upper

117 100

82 47.8 41.4 62.2

119 31.5 26.5 39.7



#64

Tetrachloroethene

Concen: 21.281 ug/l

RT: 10.816 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Tgt Ion:164 Resp: 24121

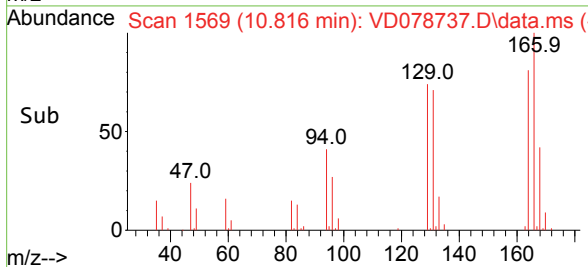
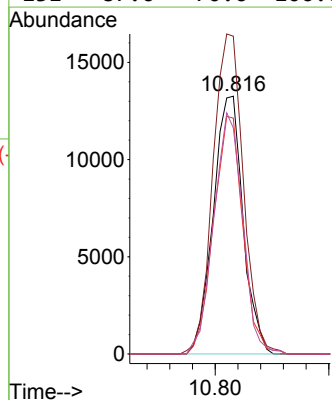
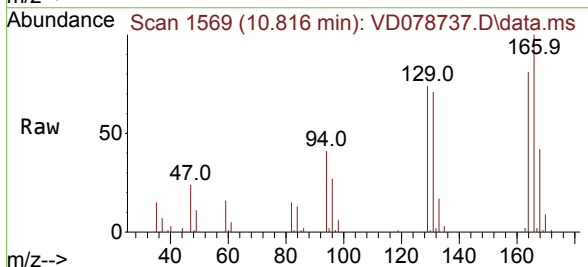
Ion Ratio Lower Upper

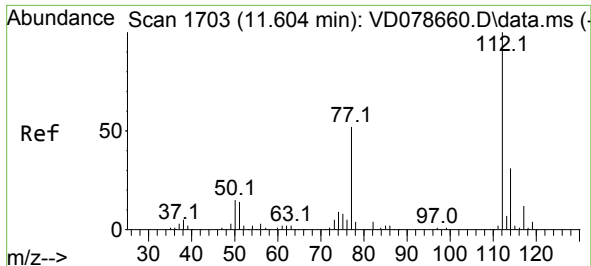
164 100

166 123.3 98.9 148.3

129 91.5 70.3 105.5

131 87.6 70.6 106.0

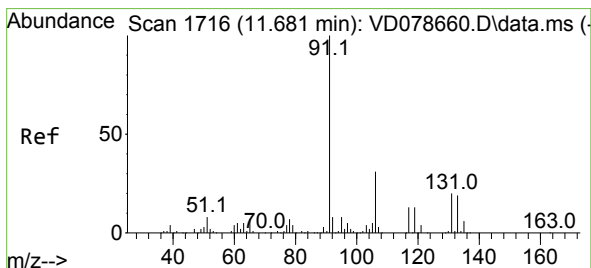
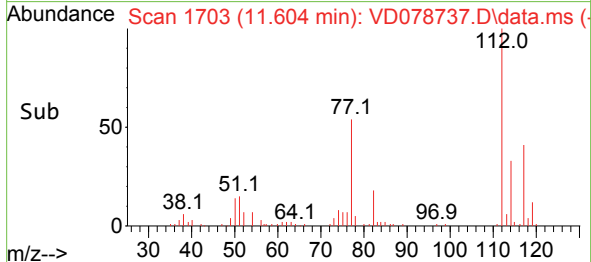
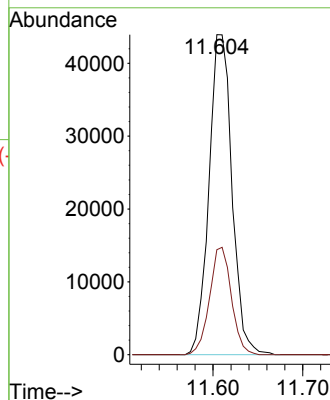
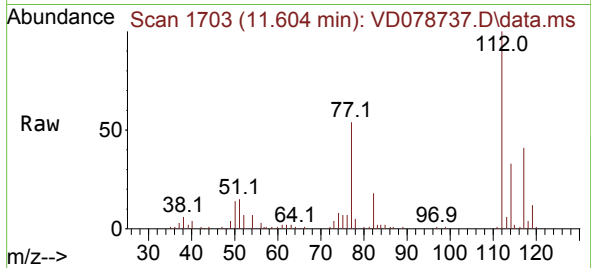




#65
Chlorobenzene
Concen: 21.856 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

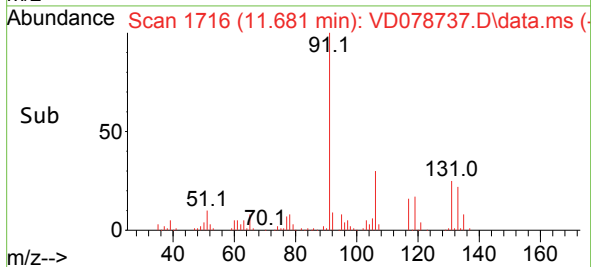
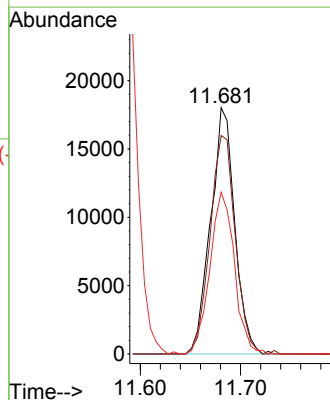
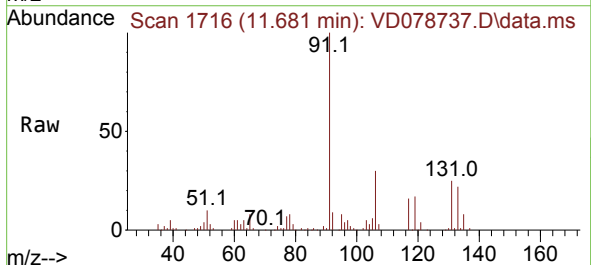
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

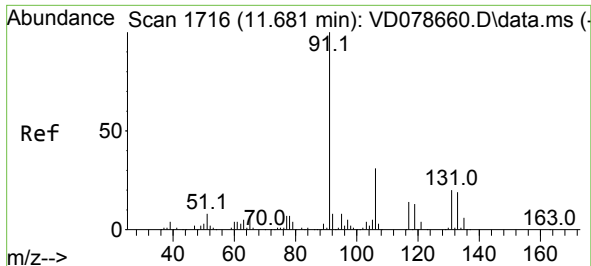
Tgt Ion:112 Resp: 78228
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 23.000 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion:131 Resp: 30149
Ion Ratio Lower Upper
131 100
133 92.4 47.6 142.9
119 66.8 34.1 102.3





#67

Ethyl Benzene

Concen: 21.264 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

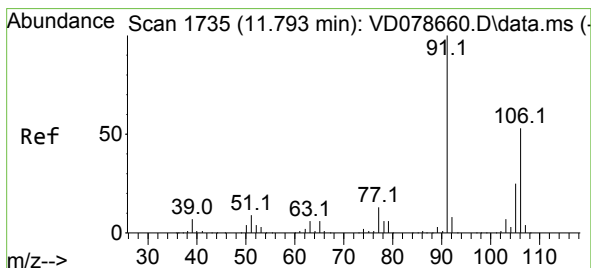
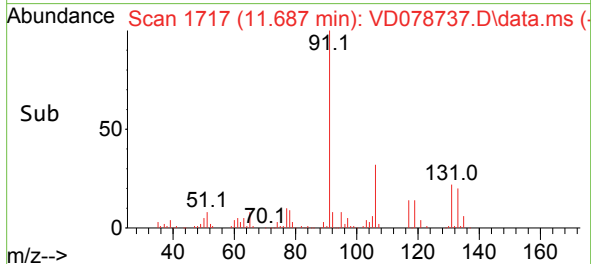
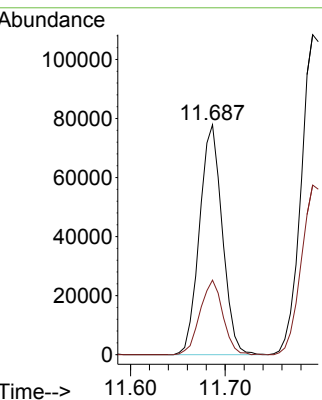
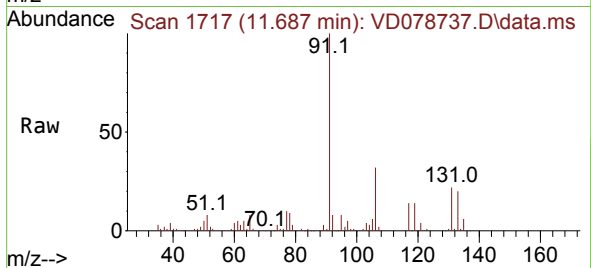
VD0322SBS01

Tgt Ion: 91 Resp: 129695

Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7



#68

m/p-Xylenes

Concen: 43.377 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078737.D

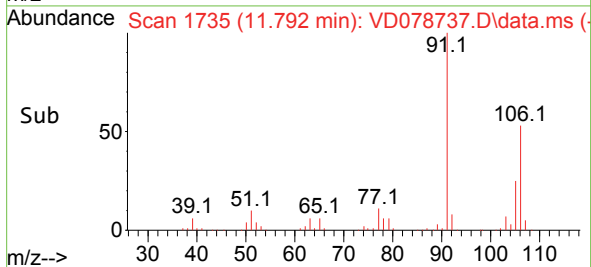
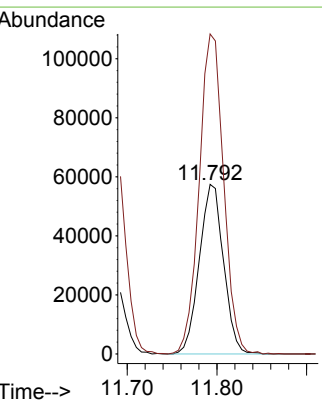
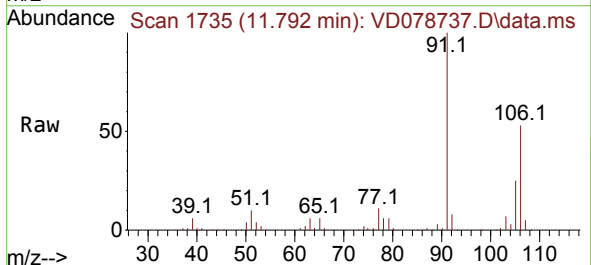
Acq: 22 Mar 2024 12:36

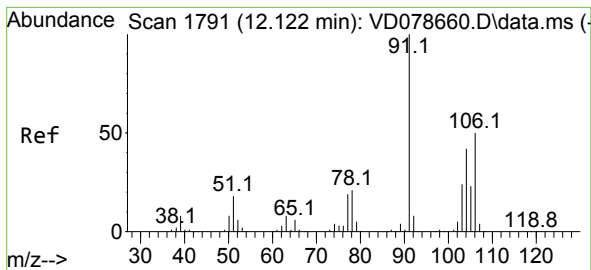
Tgt Ion: 106 Resp: 107432

Ion Ratio Lower Upper

106 100

91 190.6 154.4 231.6

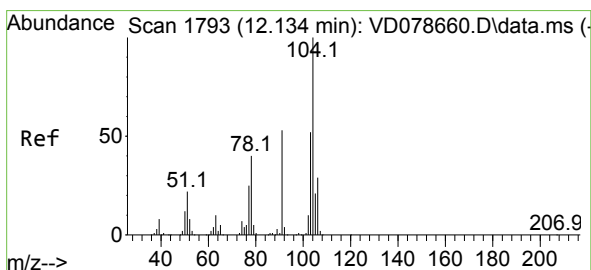
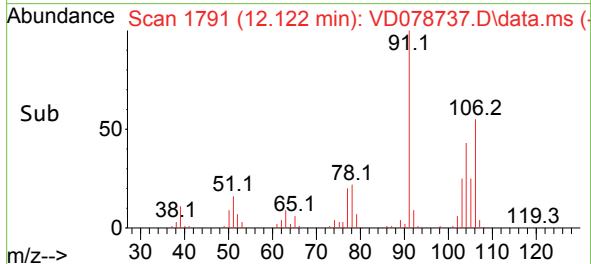
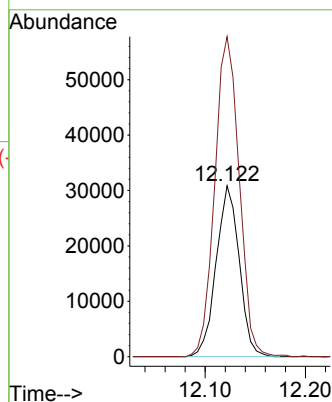
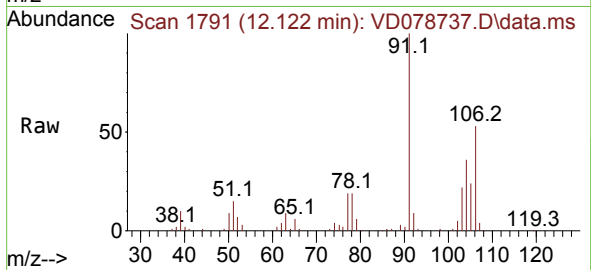




#69
o-Xylene
Concen: 21.492 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

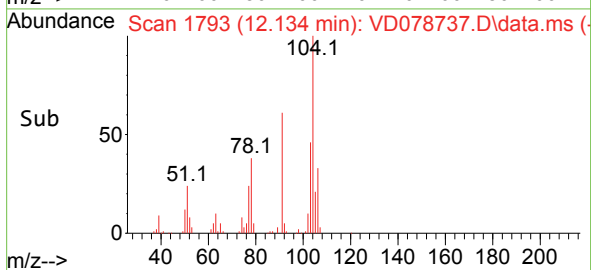
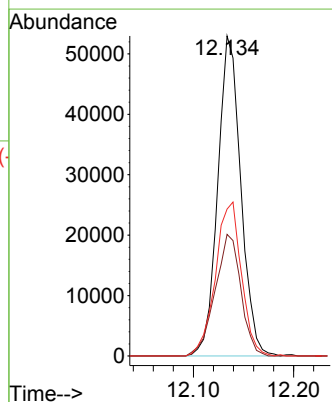
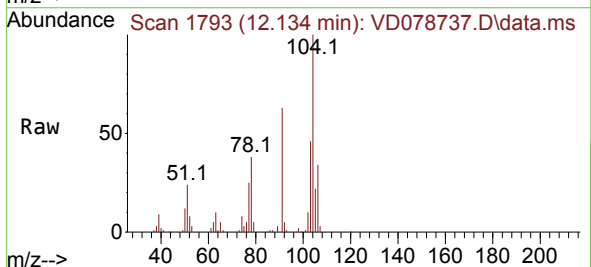
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

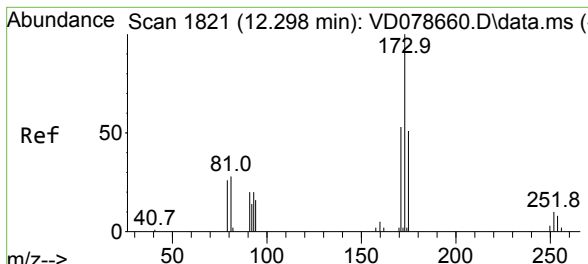
Tgt Ion:106 Resp: 49249
Ion Ratio Lower Upper
106 100
91 198.8 99.6 298.7



#70
Styrene
Concen: 21.991 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion:104 Resp: 84581
Ion Ratio Lower Upper
104 100
78 42.4 34.6 52.0
103 54.1 44.2 66.2

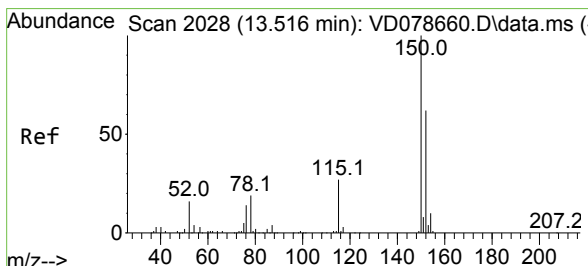
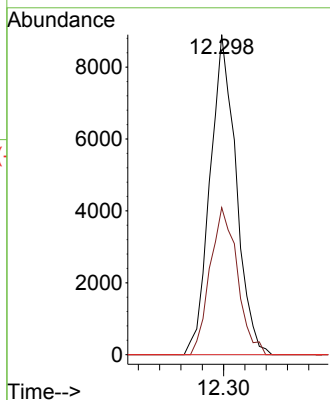
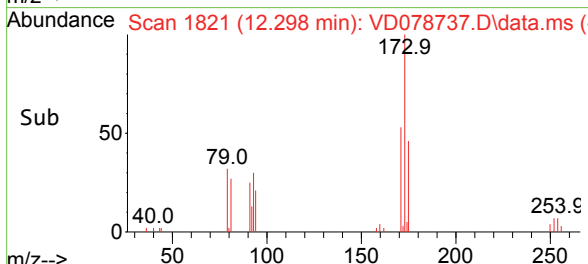
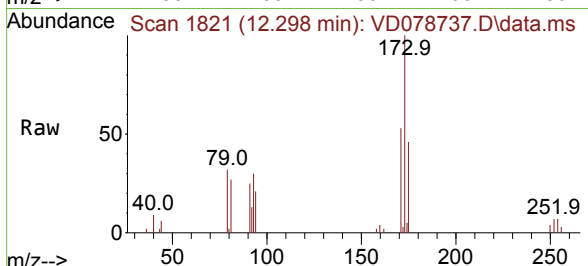




#71
 Bromoform
 Concen: 21.282 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. -0.000 min
 Lab File: VD078737.D
 Acq: 22 Mar 2024 12:36

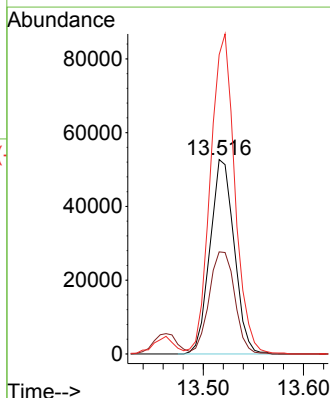
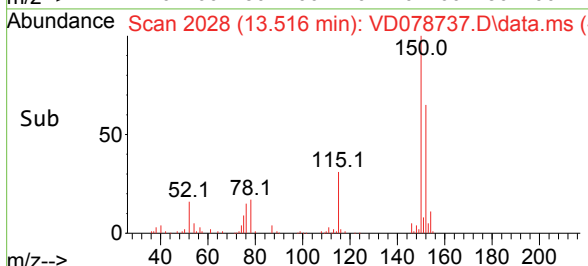
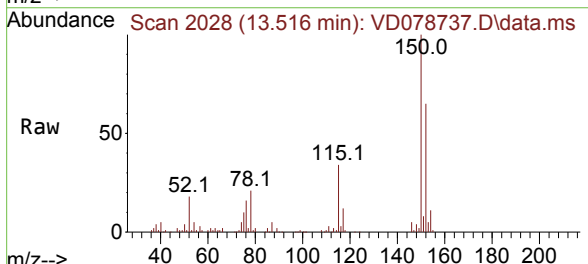
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBS01

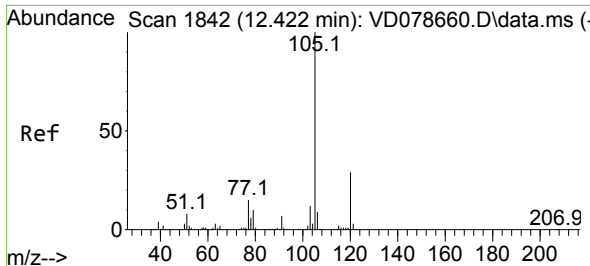
Tgt Ion:	173	Resp:	15076
Ion Ratio	Lower	Upper	
173	100		
175	48.3	25.8	77.4
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD078737.D
 Acq: 22 Mar 2024 12:36

Tgt Ion:	152	Resp:	88238
Ion Ratio	Lower	Upper	
152	100		
115	55.5	27.1	81.2
150	165.9	0.0	350.2

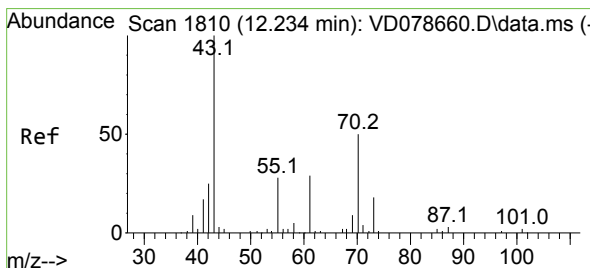
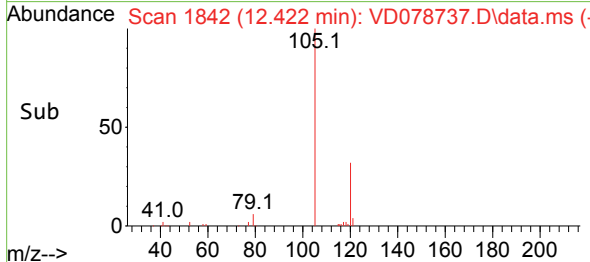
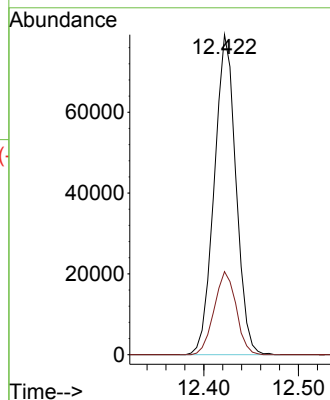
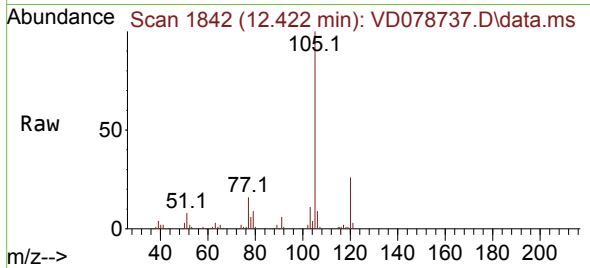




#73
Isopropylbenzene
Concen: 21.689 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

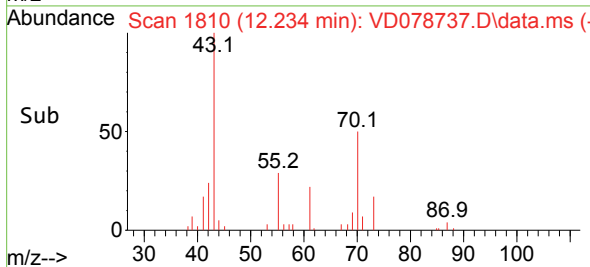
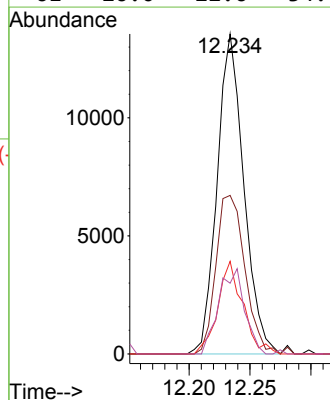
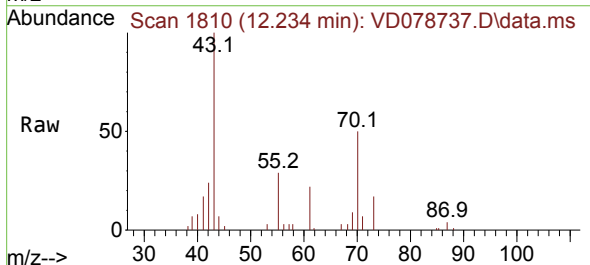
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

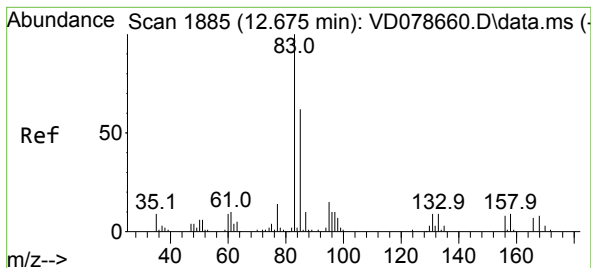
Tgt Ion:105 Resp: 126006
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0



#74
N-ethyl acetate
Concen: 21.945 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion: 43 Resp: 20700
Ion Ratio Lower Upper
43 100
70 54.0 42.1 63.1
55 27.2 22.6 33.8
61 26.0 22.6 34.0

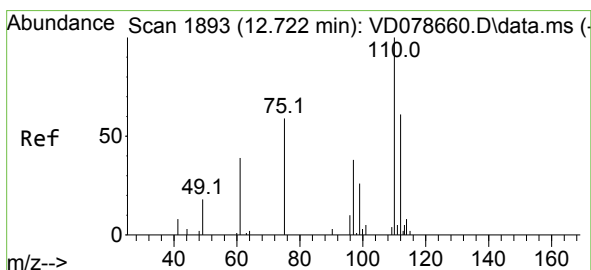
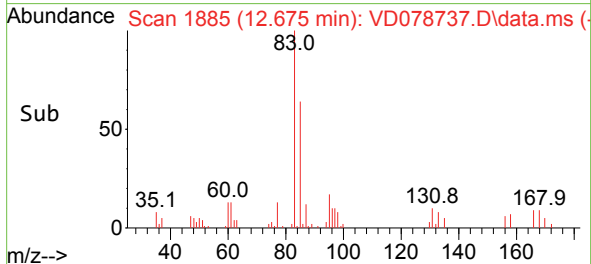
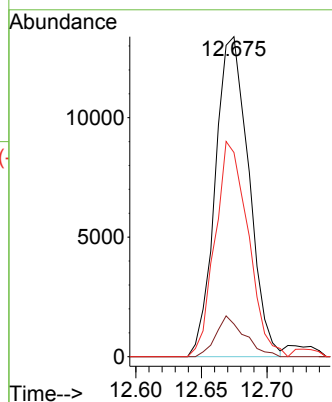
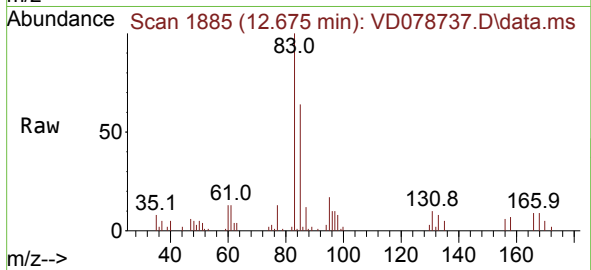




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.138 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD078737.D
 Acq: 22 Mar 2024 12:36

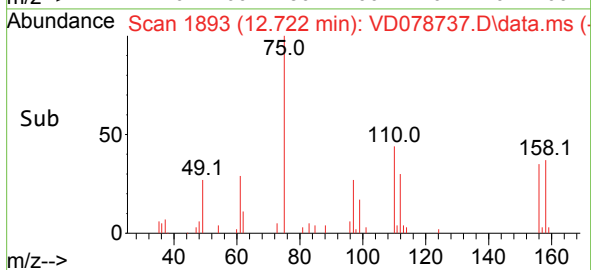
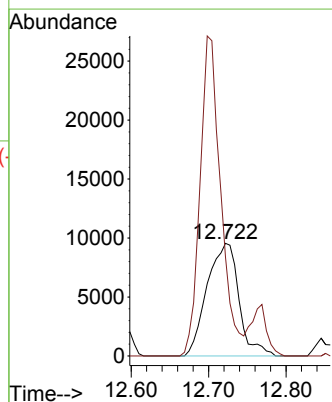
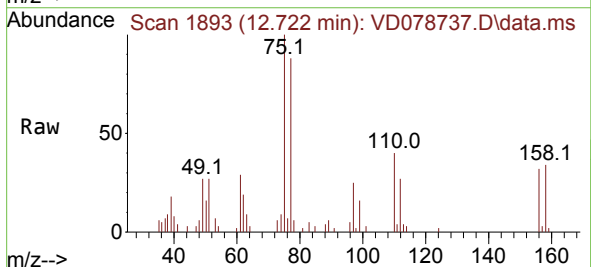
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBS01

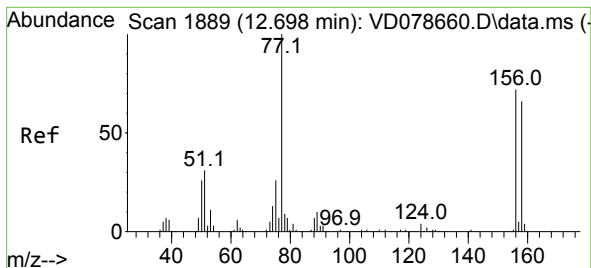
Tgt Ion: 83 Resp: 23809
 Ion Ratio Lower Upper
 83 100
 131 10.9 4.9 14.7
 85 66.3 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 40.103 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD078737.D
 Acq: 22 Mar 2024 12:36

Tgt Ion: 75 Resp: 27263
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.772 ug/l

RT: 12.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBS01

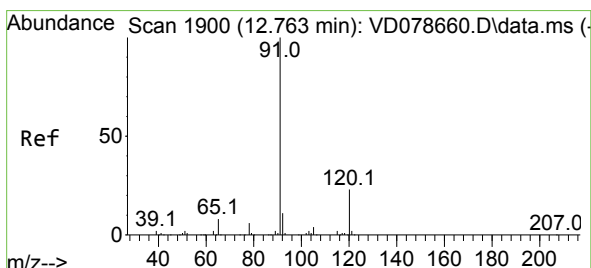
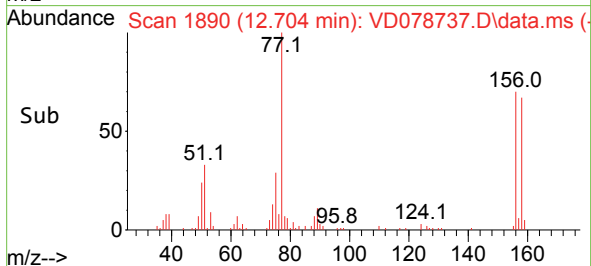
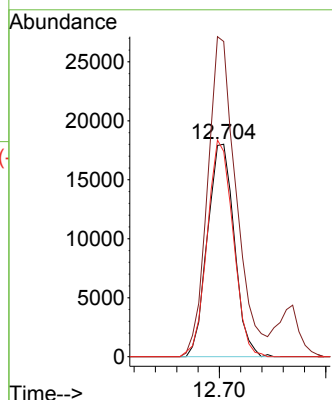
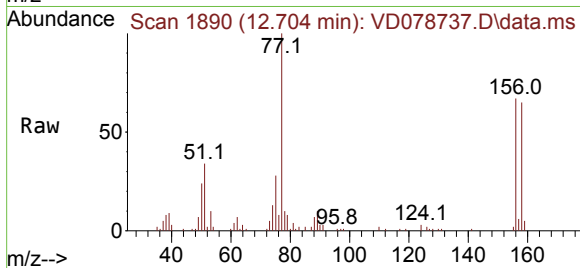
Tgt Ion:156 Resp: 31369

Ion Ratio Lower Upper

156 100

77 161.5 79.1 237.3

158 99.2 47.0 141.0



#78

n-propylbenzene

Concen: 22.372 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078737.D

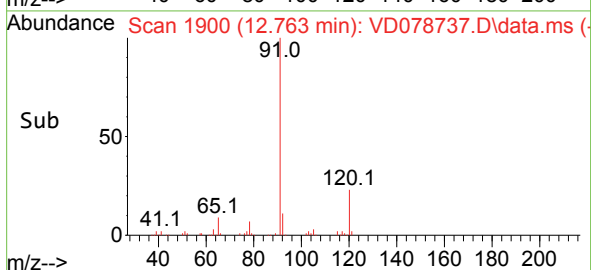
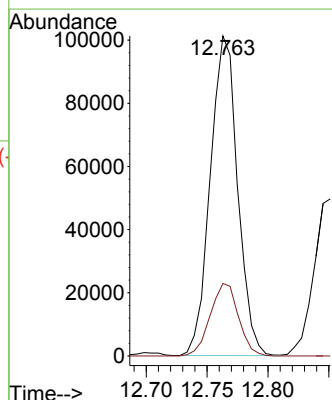
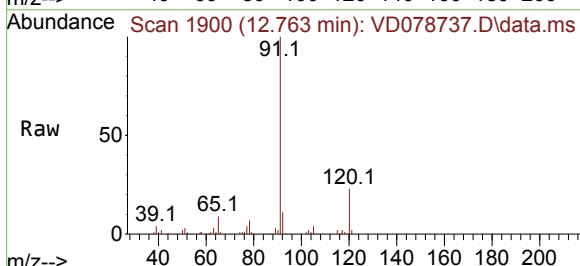
Acq: 22 Mar 2024 12:36

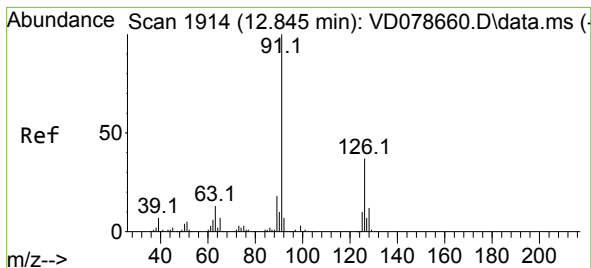
Tgt Ion: 91 Resp: 158207

Ion Ratio Lower Upper

91 100

120 23.4 11.7 35.1





#79

2-Chlorotoluene

Concen: 21.868 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

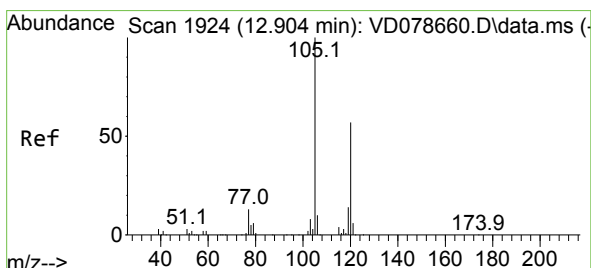
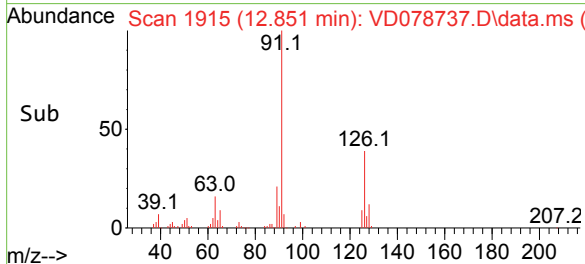
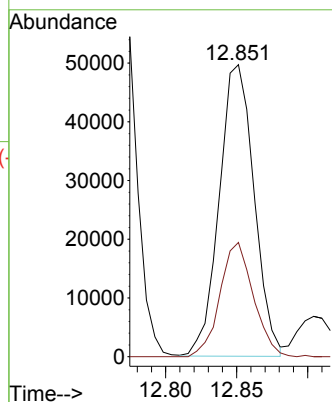
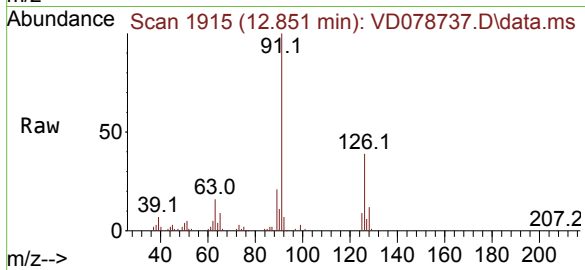
VD0322SBS01

Tgt Ion: 91 Resp: 84834

Ion Ratio Lower Upper

91 100

126 37.5 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 22.410 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078737.D

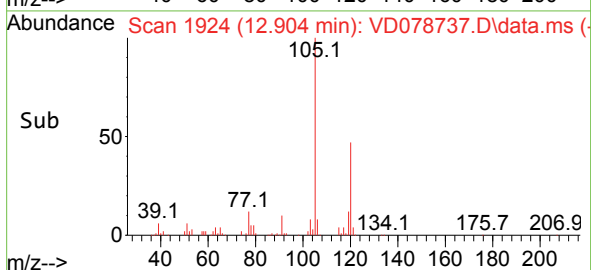
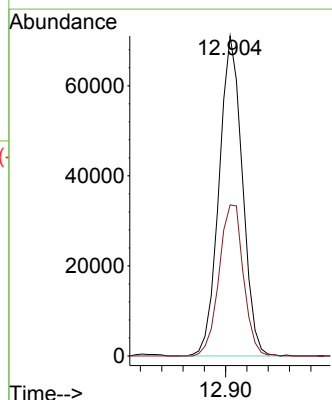
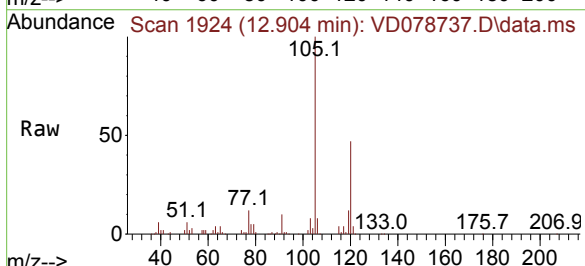
Acq: 22 Mar 2024 12:36

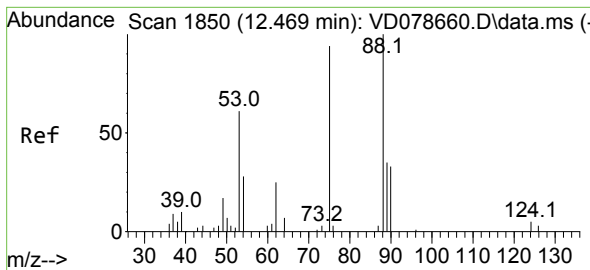
Tgt Ion: 105 Resp: 107665

Ion Ratio Lower Upper

105 100

120 49.4 25.9 77.7

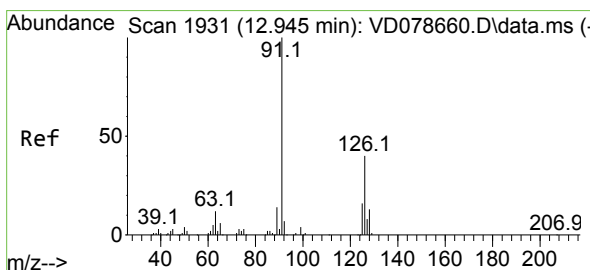
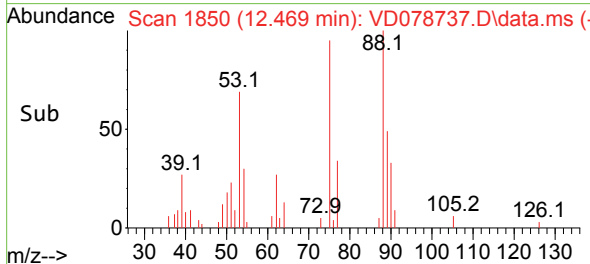
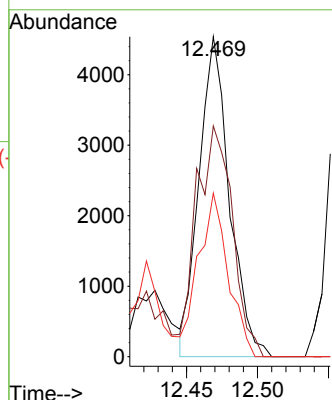
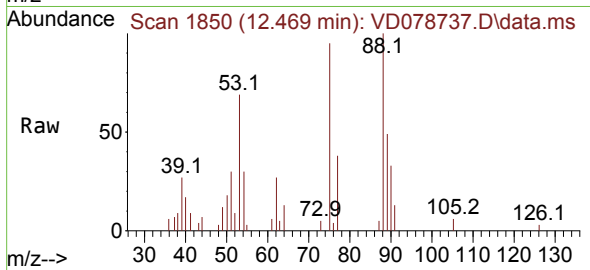




#81
trans-1,4-Dichloro-2-butene
Concen: 20.810 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

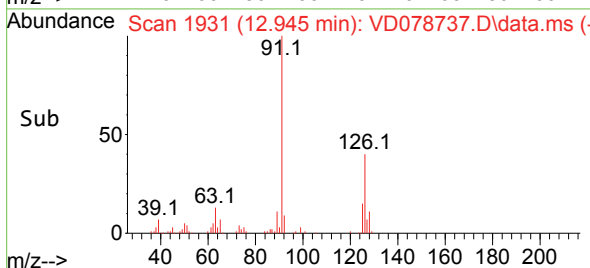
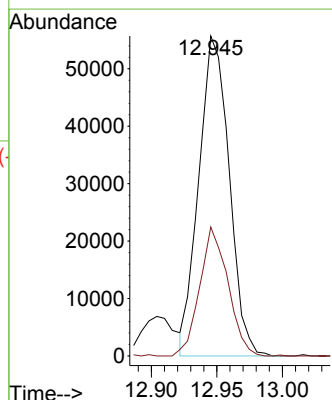
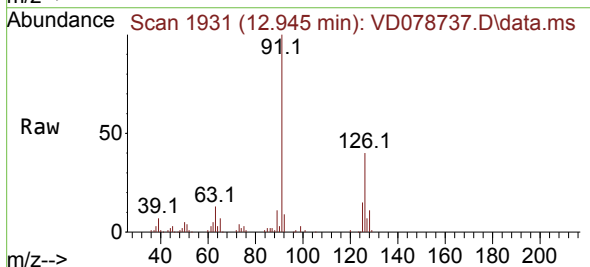
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

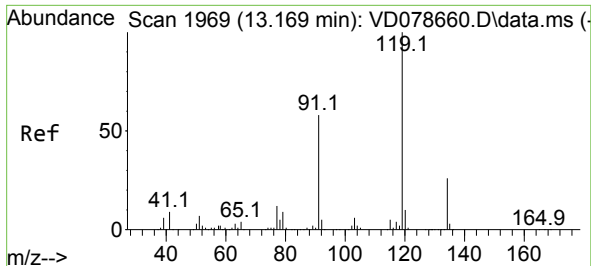
Tgt Ion:	75	Resp:	6749
Ion	Ratio	Lower	Upper
75	100		
53	86.6	61.0	91.6
89	50.1	35.4	53.0



#82
4-Chlorotoluene
Concen: 21.871 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion:	91	Resp:	89743
Ion	Ratio	Lower	Upper
91	100		
126	37.6	18.9	56.5

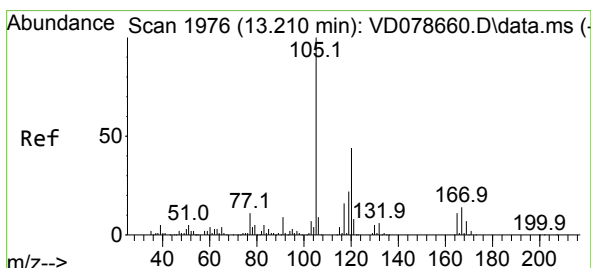
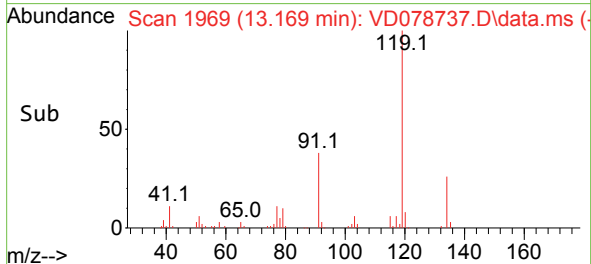
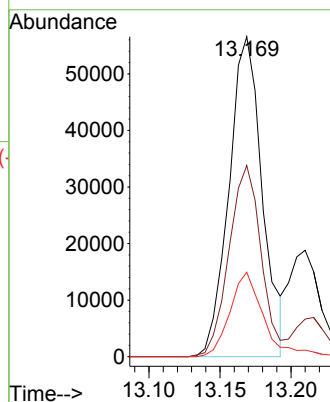
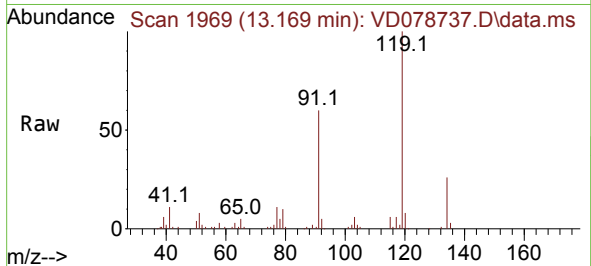




#83
tert-Butylbenzene
Concen: 22.278 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

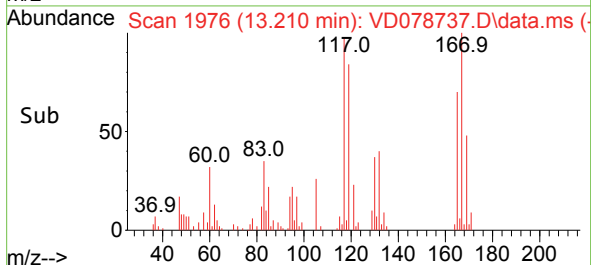
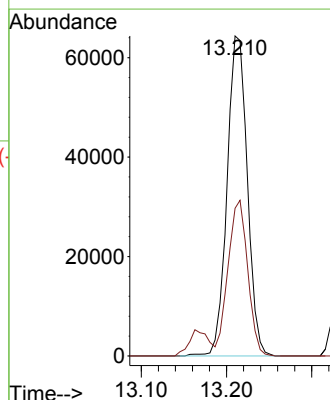
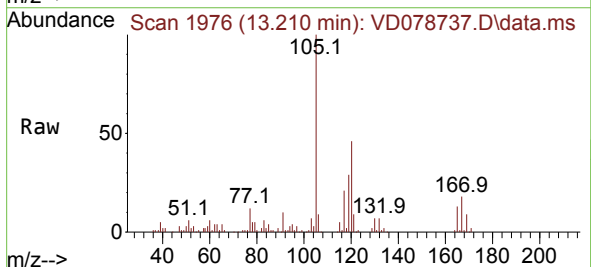
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

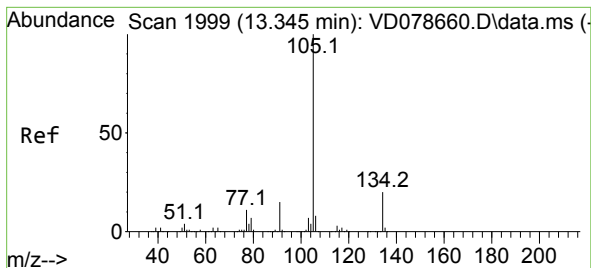
Tgt Ion:119 Resp: 92288
Ion Ratio Lower Upper
119 100
91 57.4 28.9 86.7
134 26.8 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 21.922 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion:105 Resp: 106134
Ion Ratio Lower Upper
105 100
120 47.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 22.280 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

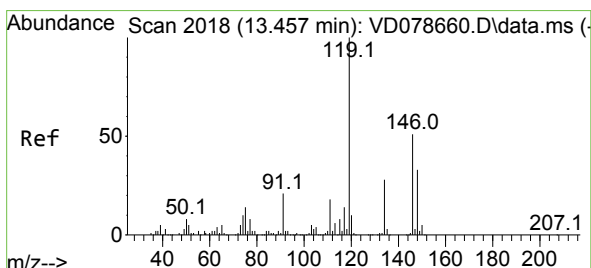
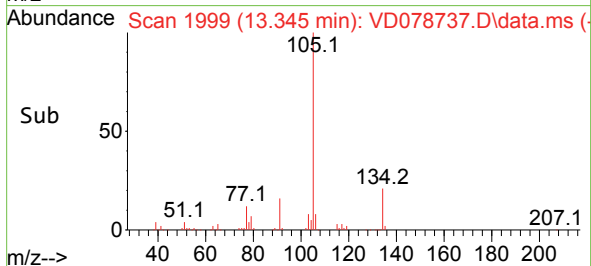
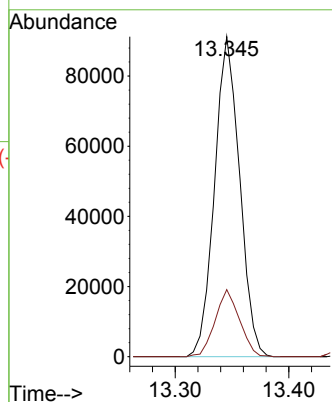
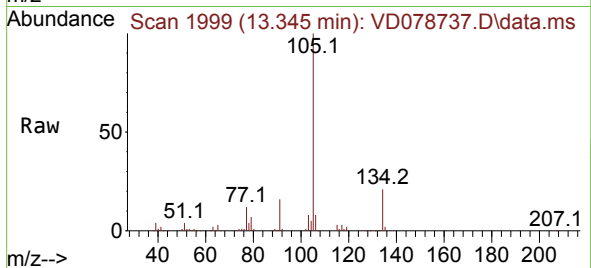
VD0322SBS01

Tgt Ion:105 Resp: 139671

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2



#86

p-Isopropyltoluene

Concen: 21.906 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

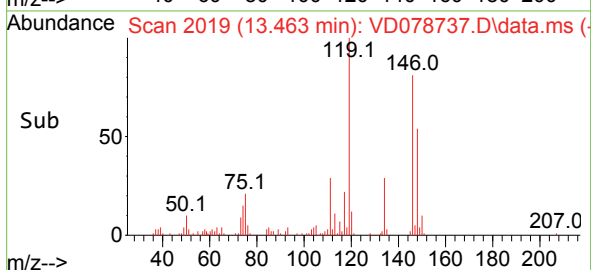
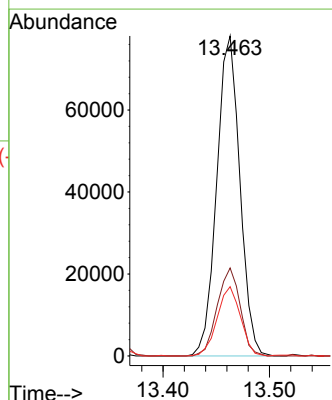
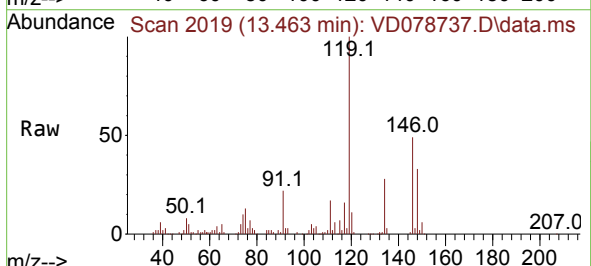
Tgt Ion:119 Resp: 117559

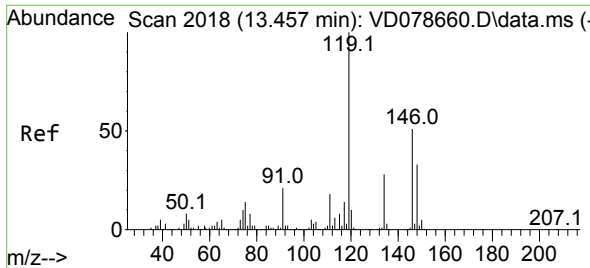
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

91 21.9 10.4 31.2

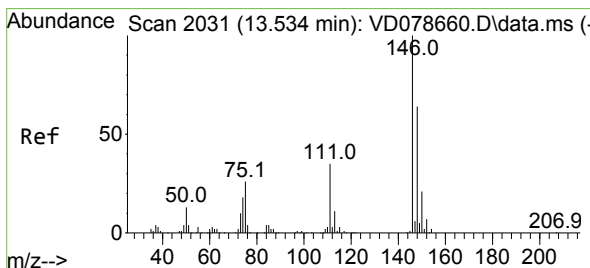
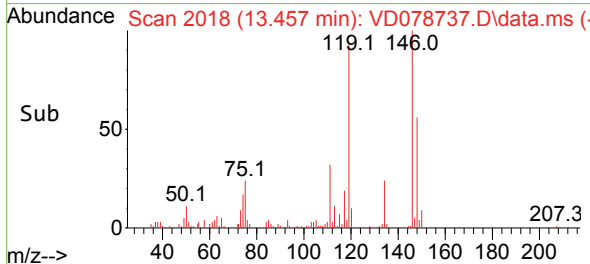
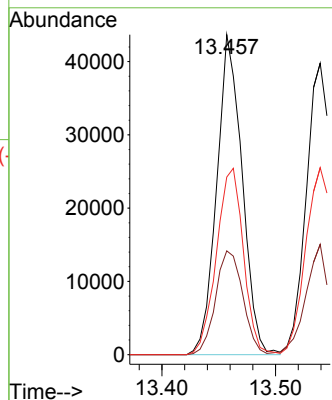
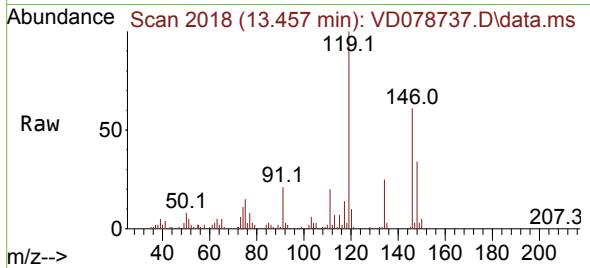




#87
1,3-Dichlorobenzene
Concen: 22.327 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

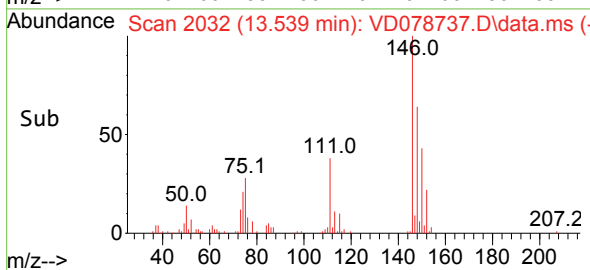
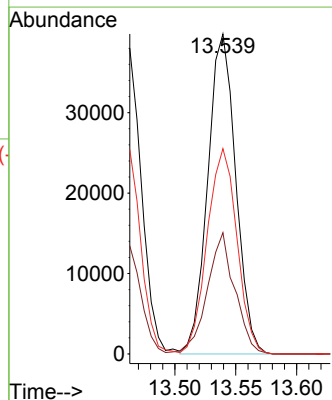
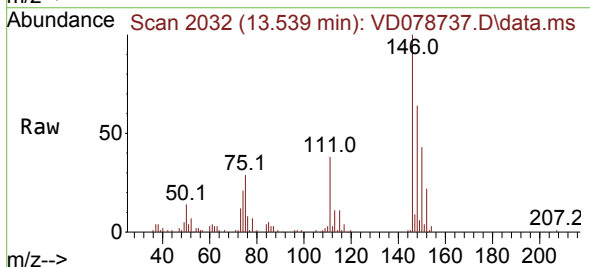
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

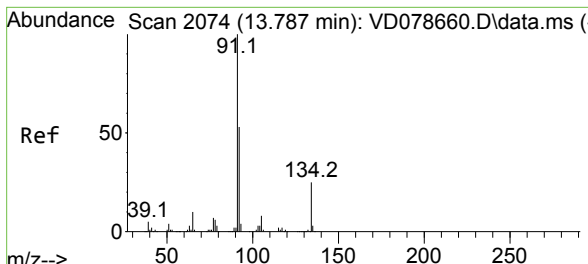
Tgt Ion:146 Resp: 67882
Ion Ratio Lower Upper
146 100
111 34.8 18.2 54.6
148 62.0 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 21.278 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion:146 Resp: 63756
Ion Ratio Lower Upper
146 100
111 37.4 17.8 53.3
148 68.2 32.4 97.0

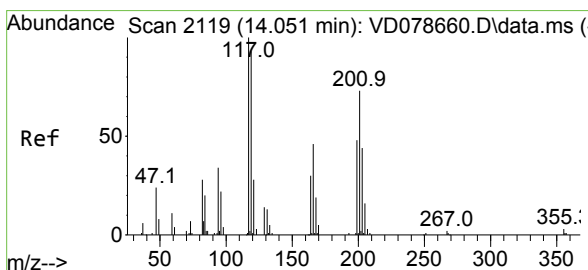
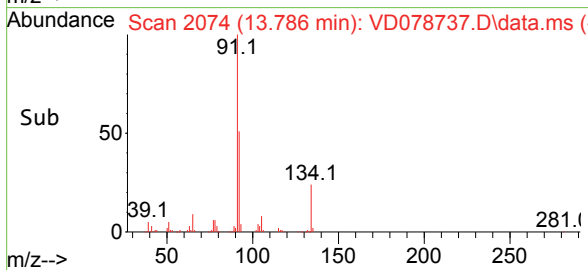
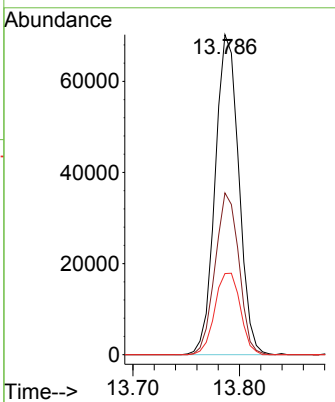
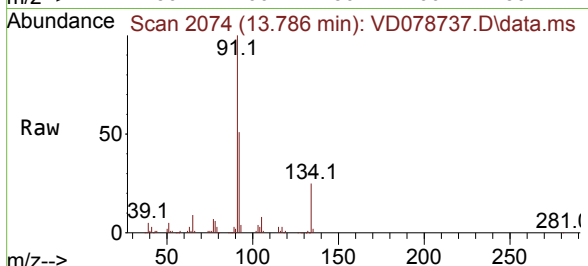




#89
 n-Butylbenzene
 Concen: 22.319 ug/l
 RT: 13.786 min Scan# 2074
 Delta R.T. -0.000 min
 Lab File: VD078737.D
 Acq: 22 Mar 2024 12:36

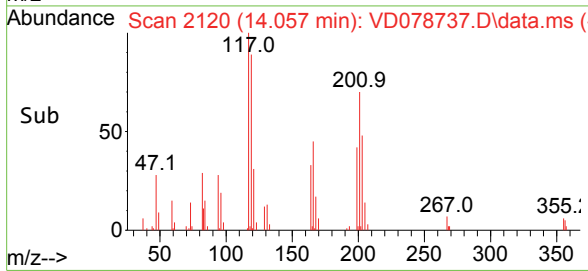
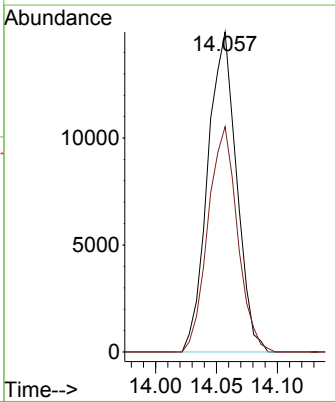
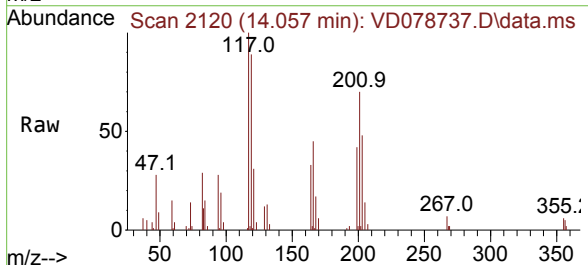
Instrument : MSVOA_D
 ClientSampleId : VD0322SBS01

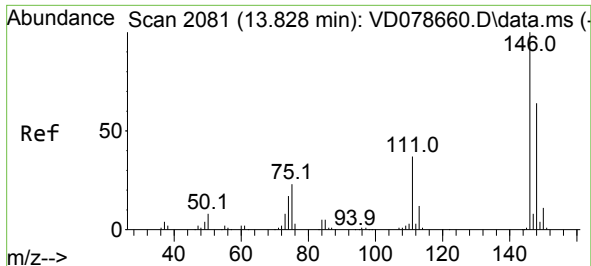
Tgt Ion:	91	Resp:	108172
Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.4	79.0
134	27.5	13.0	38.9



#90
 Hexachloroethane
 Concen: 22.176 ug/l
 RT: 14.057 min Scan# 2120
 Delta R.T. 0.006 min
 Lab File: VD078737.D
 Acq: 22 Mar 2024 12:36

Tgt Ion:	117	Resp:	24625
Ion	Ratio	Lower	Upper
117	100		
201	72.1	36.2	108.6

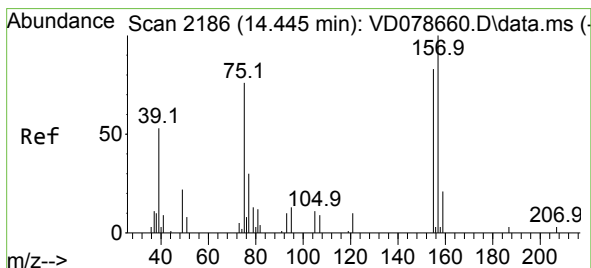
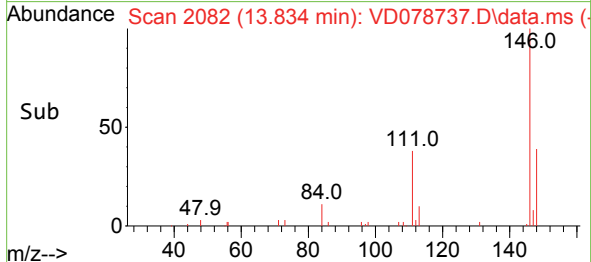
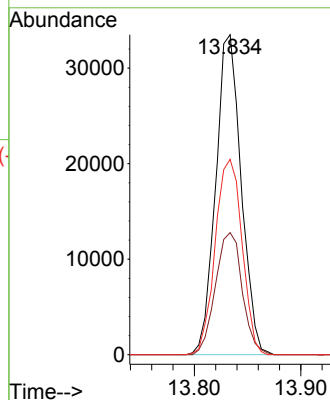
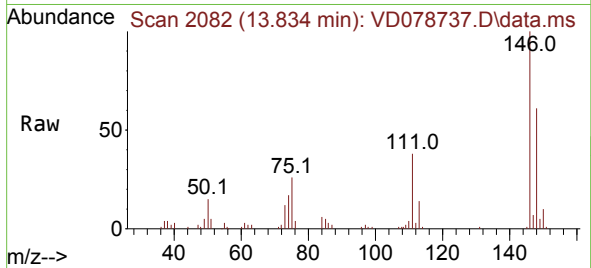




#91
1,2-Dichlorobenzene
Concen: 21.221 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

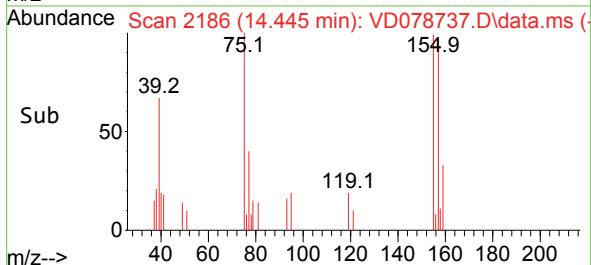
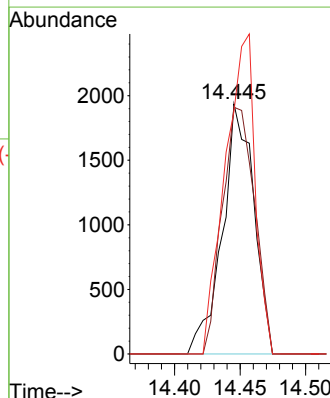
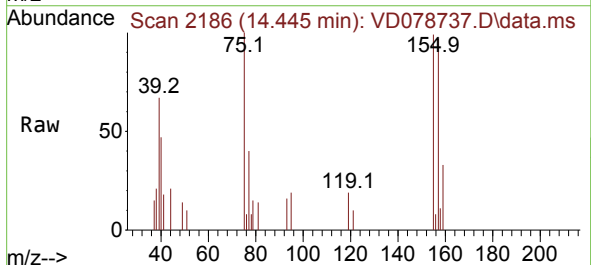
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

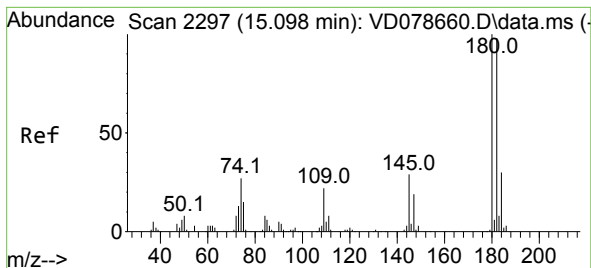
Tgt Ion:146 Resp: 55569
Ion Ratio Lower Upper
146 100
111 40.2 18.6 56.0
148 64.3 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.347 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion: 75 Resp: 3215
Ion Ratio Lower Upper
75 100
155 102.3 49.8 149.3
157 122.4 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 21.473 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBS01

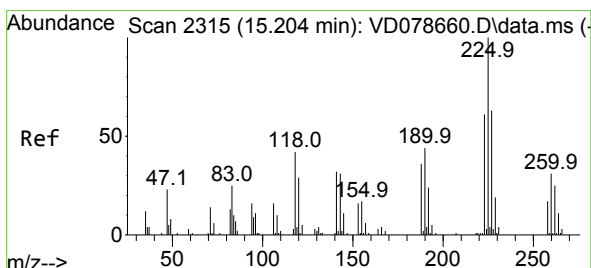
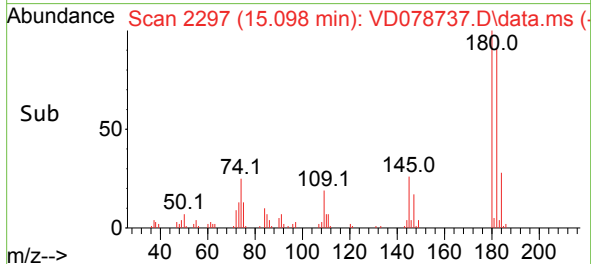
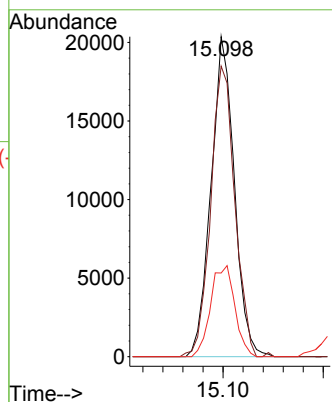
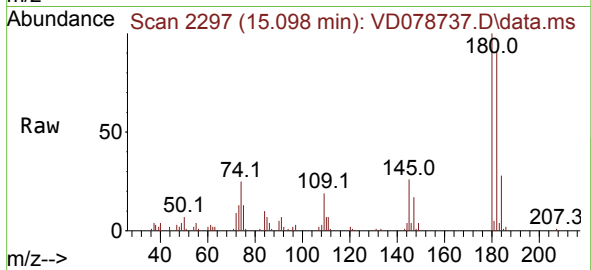
Tgt Ion:180 Resp: 32815

Ion Ratio Lower Upper

180 100

182 93.8 49.7 149.1

145 29.5 14.6 44.0



#94

Hexachlorobutadiene

Concen: 22.009 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078737.D

Acq: 22 Mar 2024 12:36

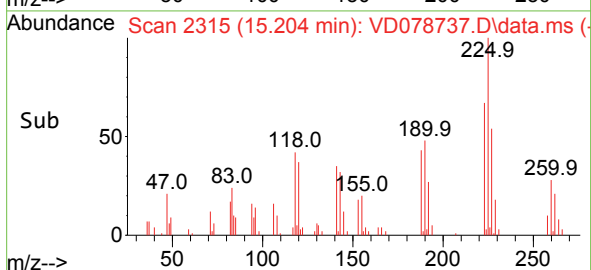
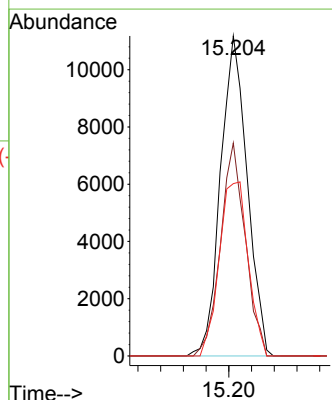
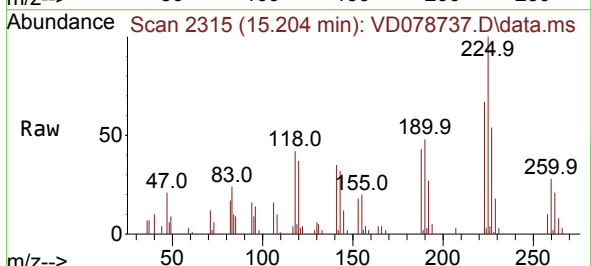
Tgt Ion:225 Resp: 18209

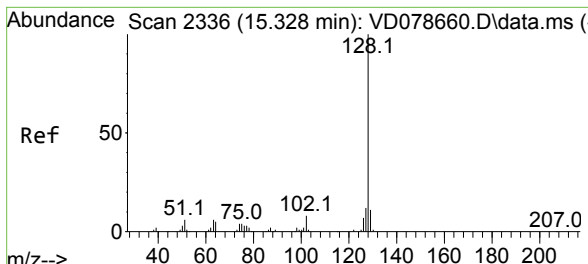
Ion Ratio Lower Upper

225 100

223 61.9 31.9 95.7

227 58.9 32.0 96.0

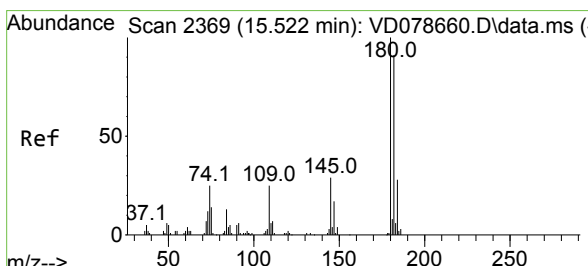
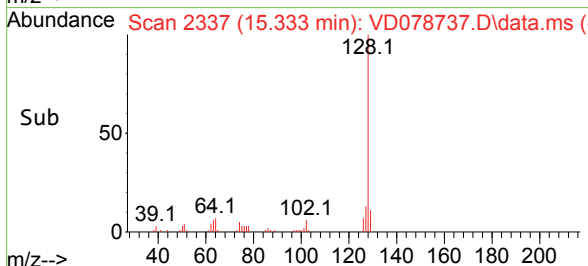
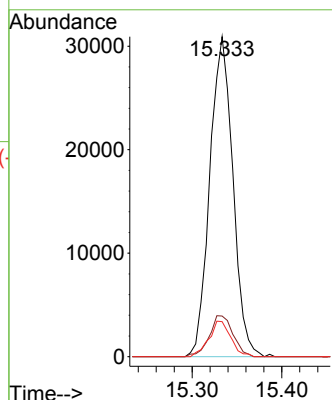
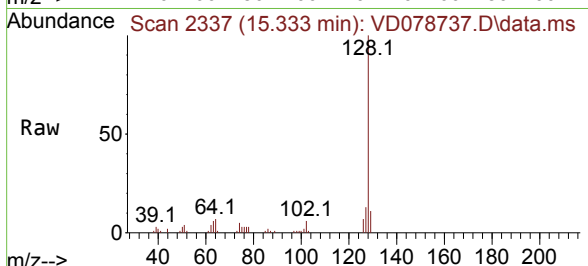




#95
Naphthalene
Concen: 20.807 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

Tgt Ion:	128	Resp:	55284
Ion Ratio	Lower	Upper	
128	100		
127	12.7	9.3	13.9
129	11.0	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.809 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078737.D
Acq: 22 Mar 2024 12:36

Tgt Ion:	180	Resp:	28834
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.7	140.1
145	30.8	14.4	43.4

