

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078738.D
 Acq On : 22 Mar 2024 13:03
 Operator : RP/MD
 Sample : VD0322SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBS01

Quant Time: Mar 22 23:19:16 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	114631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	191180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	172558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	85363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54369	50.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.220%
35) Dibromofluoromethane	7.811	113	66182	53.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.540%
50) Toluene-d8	10.269	98	242338	53.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.060%
62) 4-Bromofluorobenzene	12.575	95	70392	53.151	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	22450	21.043	ug/l	90
3) Chloromethane	2.152	50	31218	18.532	ug/l	95
4) Vinyl Chloride	2.287	62	47392	19.071	ug/l	97
5) Bromomethane	2.693	94	44872	18.860	ug/l	93
6) Chloroethane	2.840	64	37870	19.541	ug/l	100
7) Trichlorofluoromethane	3.187	101	44136	22.450	ug/l	95
8) Diethyl Ether	3.593	74	11244	19.589	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.975	101	28982	23.490	ug/l	97
10) Methyl Iodide	4.170	142	31719	21.734	ug/l	99
11) Tert butyl alcohol	5.052	59	2975	61.880	ug/l #	75
12) 1,1-Dichloroethene	3.946	96	24519	20.905	ug/l #	83
13) Acrolein	3.799	56	7190	95.470	ug/l	90
14) Allyl chloride	4.569	41	28293	21.619	ug/l	94
15) Acrylonitrile	5.258	53	25147	108.679	ug/l	95
16) Acetone	4.022	43	22819	109.846	ug/l	96
17) Carbon Disulfide	4.281	76	69872	18.172	ug/l	99
18) Methyl Acetate	4.564	43	9170	20.569	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	48839	20.648	ug/l	96
20) Methylene Chloride	4.799	84	34101	21.280	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	29915	21.616	ug/l	85
22) Diisopropyl ether	6.222	45	66910	22.487	ug/l	97
23) Vinyl Acetate	6.158	43	161126	92.577	ug/l	99
24) 1,1-Dichloroethane	6.122	63	49606	22.237	ug/l	97
25) 2-Butanone	7.081	43	30283	109.646	ug/l	96
26) 2,2-Dichloropropane	7.075	77	42446	22.489	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	32292	20.458	ug/l	95
28) Bromochloromethane	7.428	49	15498	19.487	ug/l	93
29) Tetrahydrofuran	7.446	42	15232	101.398	ug/l	98
30) Chloroform	7.599	83	54092	21.747	ug/l	90
31) Cyclohexane	7.881	56	37389	20.707	ug/l #	93
32) 1,1,1-Trichloroethane	7.799	97	48362	22.917	ug/l	96
36) 1,1-Dichloropropene	8.016	75	39058	21.869	ug/l	99
37) Ethyl Acetate	7.175	43	12127	20.785	ug/l #	72
38) Carbon Tetrachloride	7.999	117	40622	21.575	ug/l	89
39) Methylcyclohexane	9.281	83	45116	21.776	ug/l	93
40) Benzene	8.252	78	118310	21.914	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	6406	20.951	ug/l #	89
42) 1,2-Dichloroethane	8.334	62	29026	22.046	ug/l	100
43) Isopropyl Acetate	8.363	43	21808	20.553	ug/l	96
44) Trichloroethene	9.034	130	31295	21.360	ug/l	90
45) 1,2-Dichloropropane	9.305	63	29187	22.790	ug/l	97
46) Dibromomethane	9.393	93	15793	20.572	ug/l	98
47) Bromodichloromethane	9.587	83	40792	22.320	ug/l	98
48) Methyl methacrylate	9.381	41	10694	20.684	ug/l	98
49) 1,4-Dioxane	9.387	88	2620	368.590	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	58641	105.713	ug/l	95
52) Toluene	10.340	92	74230	21.356	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	35134	21.026	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	44268	22.037	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	22460	21.847	ug/l	94
56) Ethyl methacrylate	10.599	69	21177	20.548	ug/l	93
57) 1,3-Dichloropropane	10.881	76	35770	21.563	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	44537	98.005	ug/l	99
59) 2-Hexanone	10.922	43	43499	105.781	ug/l	99
60) Dibromochloromethane	11.075	129	28492	22.473	ug/l	94
61) 1,2-Dibromoethane	11.175	107	20966	21.073	ug/l	99
64) Tetrachloroethene	10.810	164	25668	22.478	ug/l	95
65) Chlorobenzene	11.610	112	82712	22.938	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	29988	22.708	ug/l	99
67) Ethyl Benzene	11.687	91	140427	22.853	ug/l	99
68) m/p-Xylenes	11.793	106	113571	45.516	ug/l	98
69) o-Xylene	12.122	106	52170	22.598	ug/l	99
70) Styrene	12.140	104	89364	23.062	ug/l	96
71) Bromoform	12.299	173	16171	22.659	ug/l #	97
73) Isopropylbenzene	12.422	105	132864	23.640	ug/l	97
74) N-amyl acetate	12.234	43	20041	21.962	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	24763	23.801	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	27720	42.149	ug/l #	100
77) Bromobenzene	12.698	156	33549	24.070	ug/l	97
78) n-propylbenzene	12.763	91	165631	24.211	ug/l	99
79) 2-Chlorotoluene	12.851	91	89326	23.801	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	113123	24.339	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	7636	24.338	ug/l	96
82) 4-Chlorotoluene	12.946	91	93359	23.519	ug/l	99
83) tert-Butylbenzene	13.169	119	96305	24.031	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	111002	23.699	ug/l	100
85) sec-Butylbenzene	13.345	105	148783	24.533	ug/l	99
86) p-Isopropyltoluene	13.463	119	123834	23.852	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	69406	23.597	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	67377	23.243	ug/l	98
89) n-Butylbenzene	13.787	91	114857	24.496	ug/l	99
90) Hexachloroethane	14.057	117	25773	23.991	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	59520	23.495	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3405	24.464	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	34282	23.188	ug/l	94
94) Hexachlorobutadiene	15.204	225	19689	24.599	ug/l	97
95) Naphthalene	15.334	128	54928	21.369	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	29824	23.318	ug/l	97

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QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

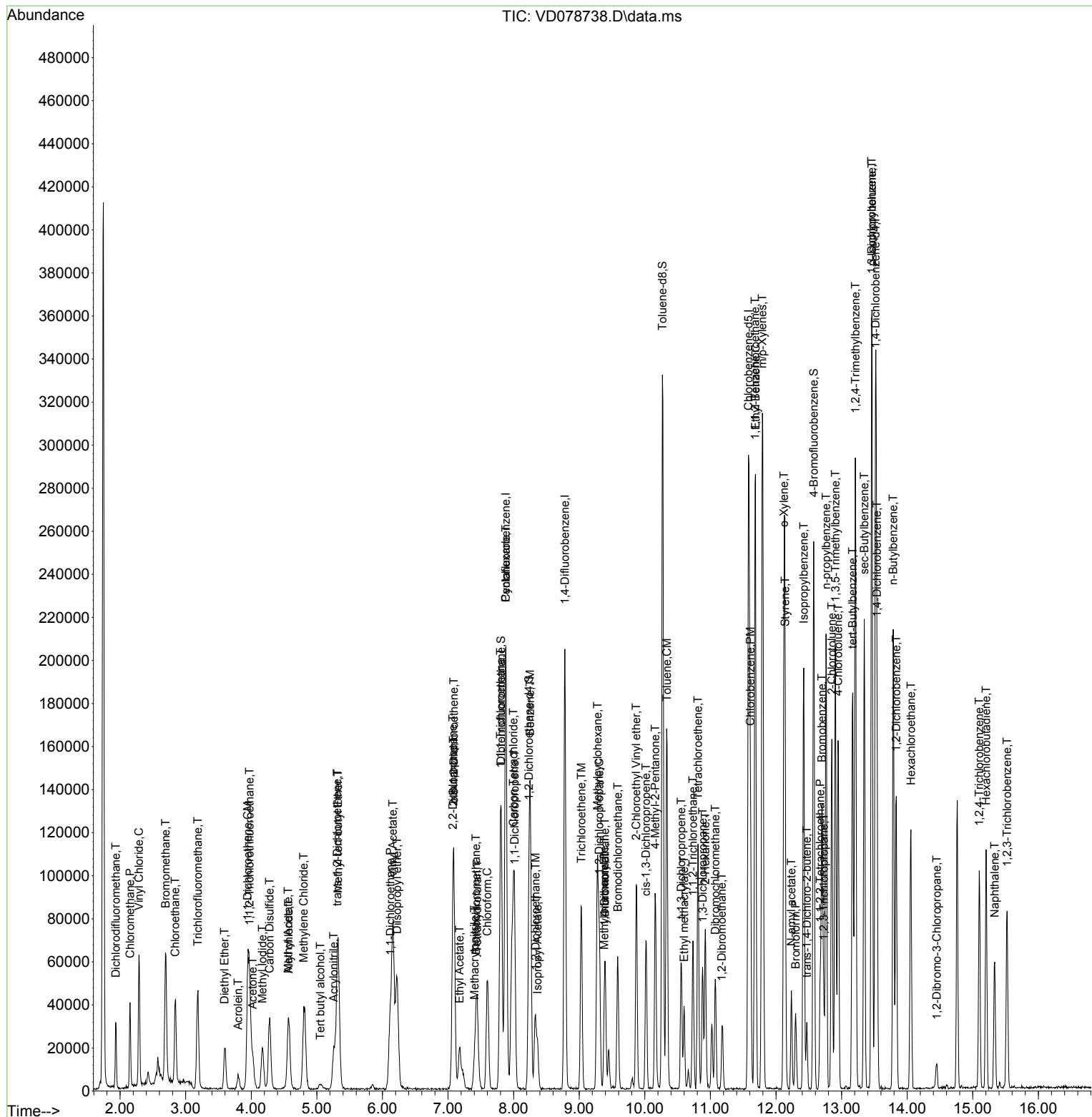
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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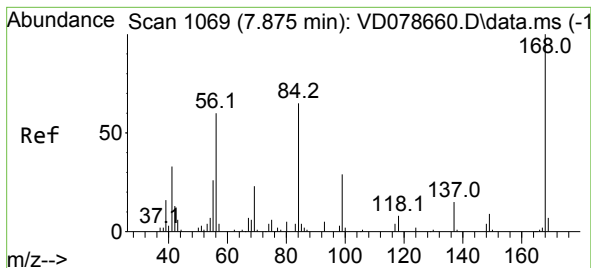
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

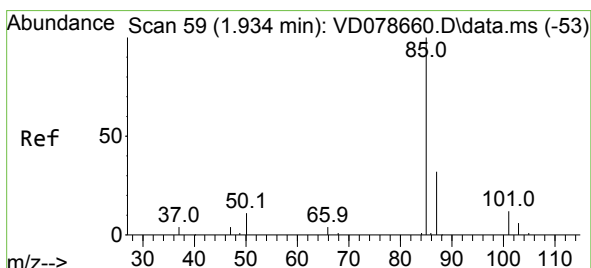
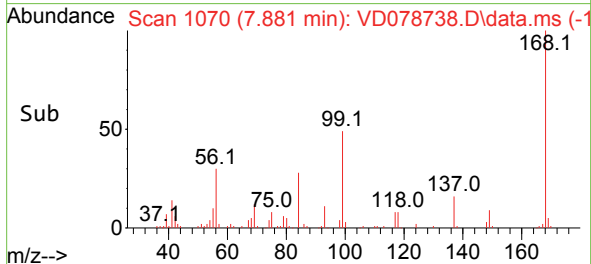
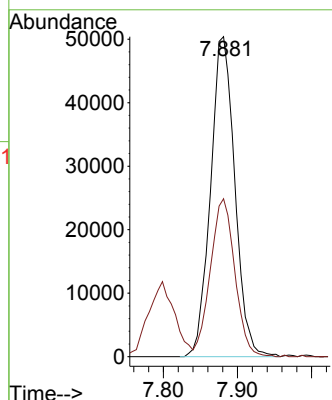
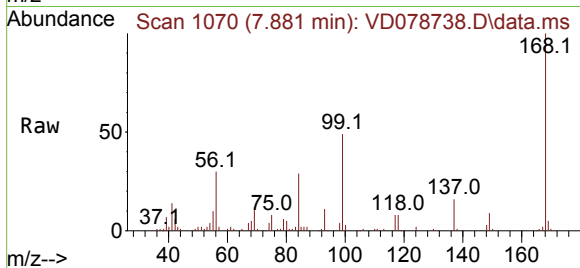
VD0322SBSD01

Tgt Ion:168 Resp: 114631

Ion Ratio Lower Upper

168 100

99 49.3 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 21.043 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078738.D

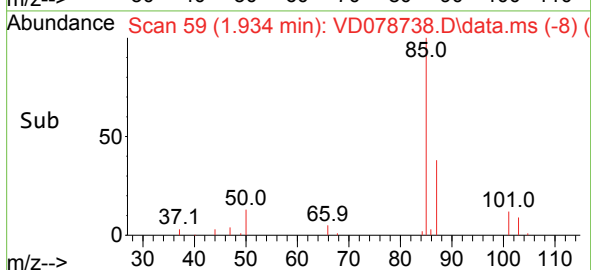
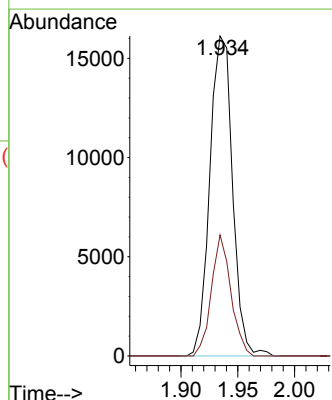
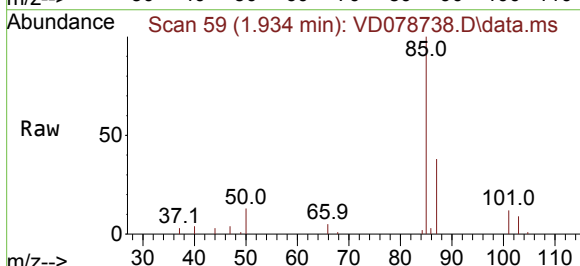
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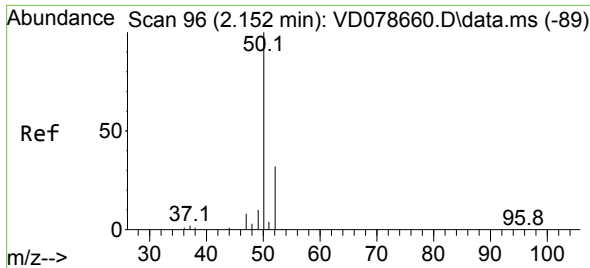
Tgt Ion: 85 Resp: 22450

Ion Ratio Lower Upper

85 100

87 37.8 16.2 48.5

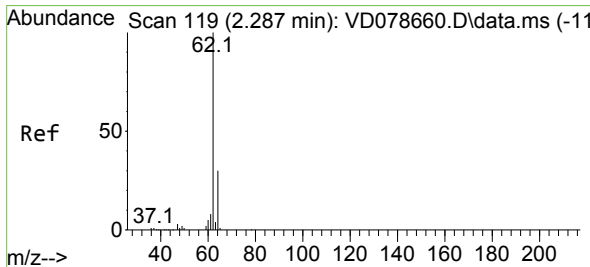
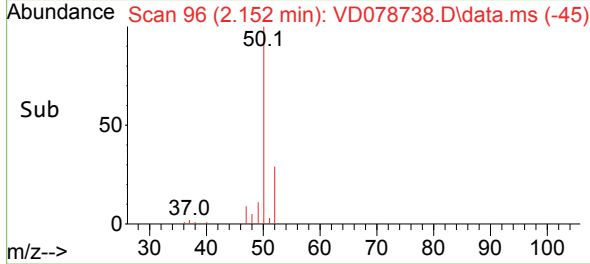
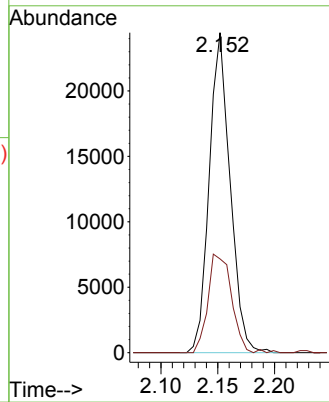
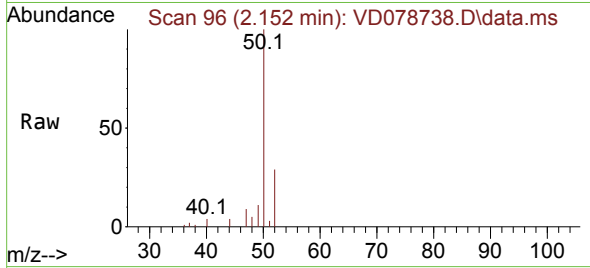




#3
Chloromethane
Concen: 18.532 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

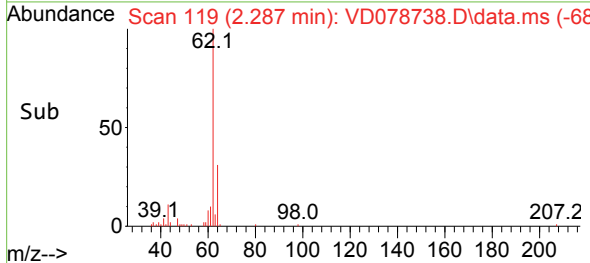
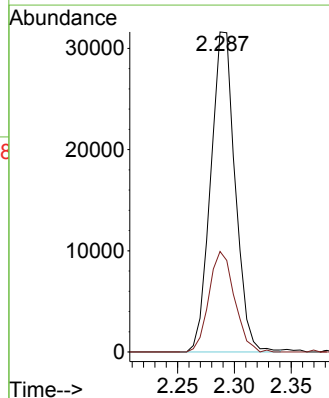
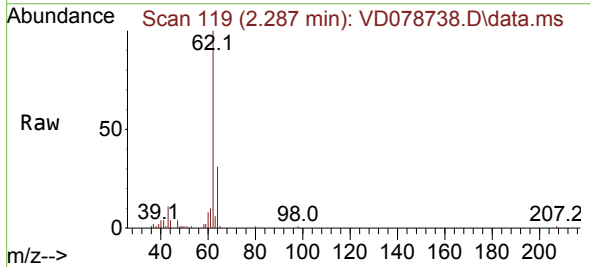
Instrument :
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ClientSampleId :
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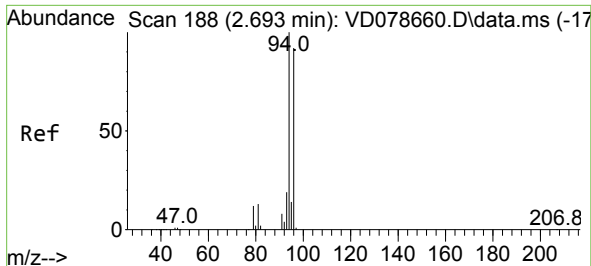
Tgt Ion: 50 Resp: 31218
Ion Ratio Lower Upper
50 100
52 29.3 25.6 38.4



#4
Vinyl Chloride
Concen: 19.071 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion: 62 Resp: 47392
Ion Ratio Lower Upper
62 100
64 31.4 23.7 35.5

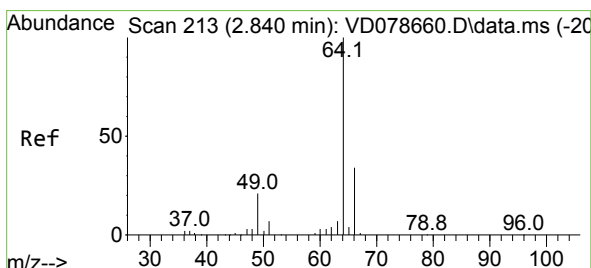
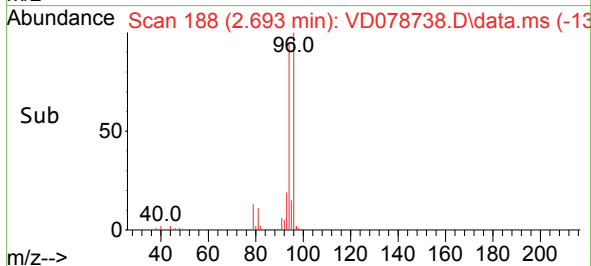
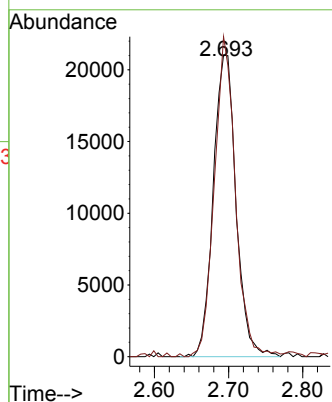
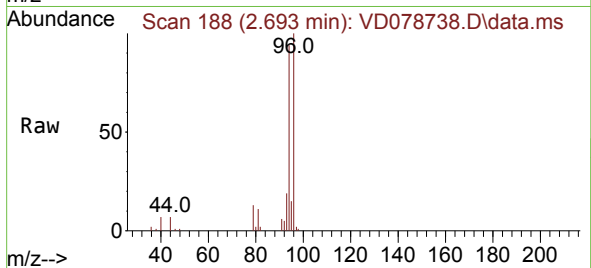




#5
Bromomethane
Concen: 18.860 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078738.D
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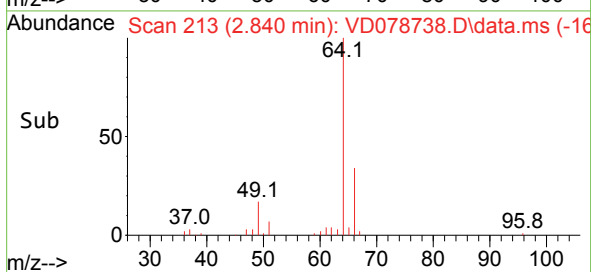
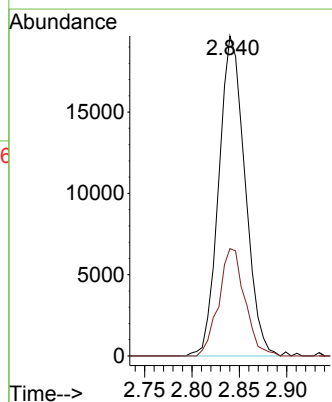
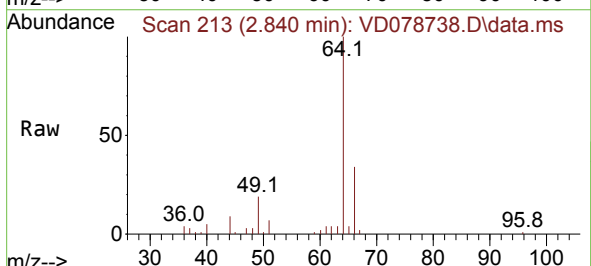
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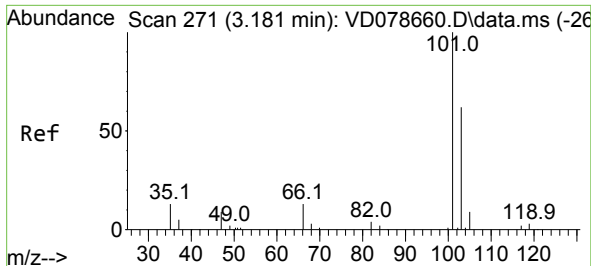
Tgt Ion: 94 Resp: 44872
Ion Ratio Lower Upper
94 100
96 98.4 73.5 110.3



#6
Chloroethane
Concen: 19.541 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion: 64 Resp: 37870
Ion Ratio Lower Upper
64 100
66 33.5 26.8 40.2

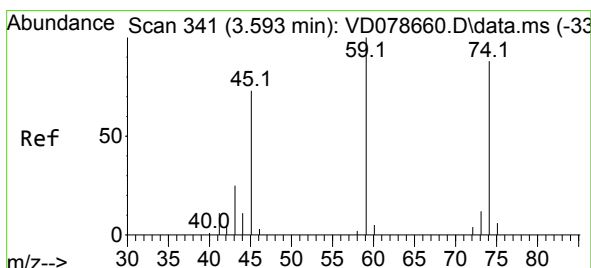
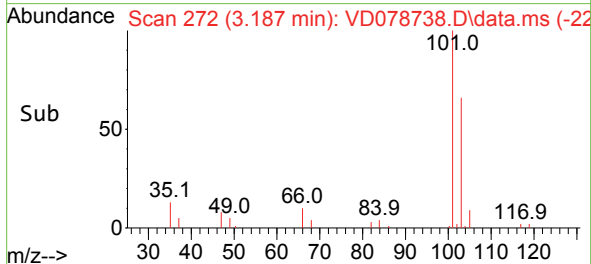
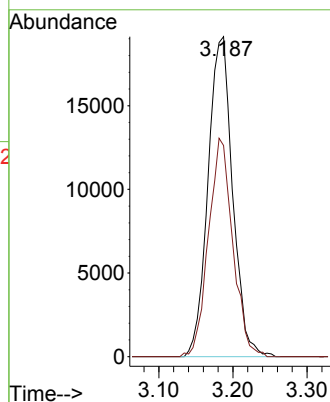
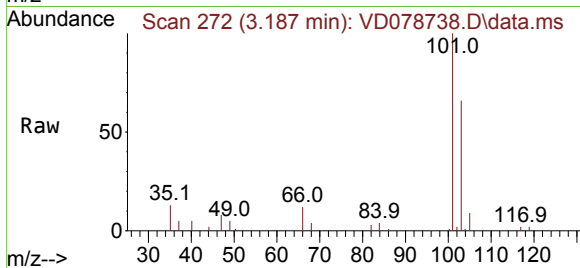




#7
Trichlorofluoromethane
Concen: 22.450 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

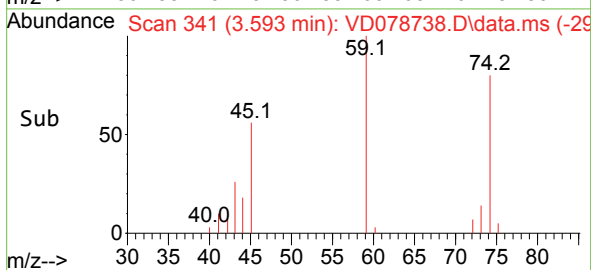
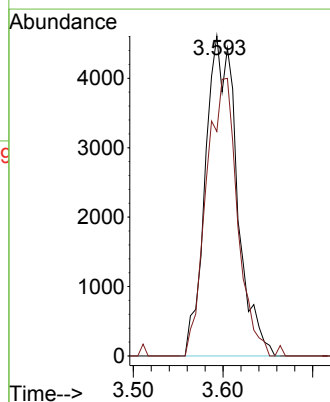
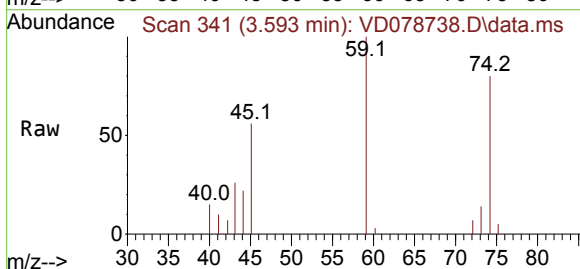
Instrument :
MSVOA_D
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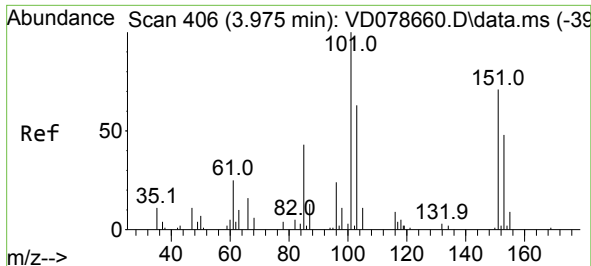
Tgt Ion:101 Resp: 44136
Ion Ratio Lower Upper
101 100
103 66.0 49.7 74.5



#8
Diethyl Ether
Concen: 19.589 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion: 74 Resp: 11244
Ion Ratio Lower Upper
74 100
45 85.9 42.4 127.3

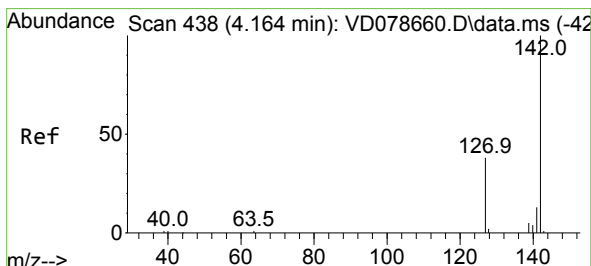
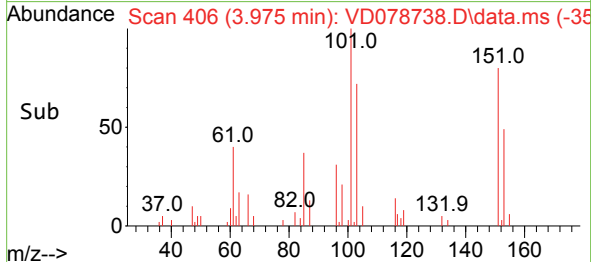
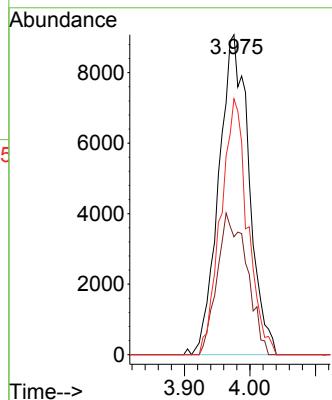
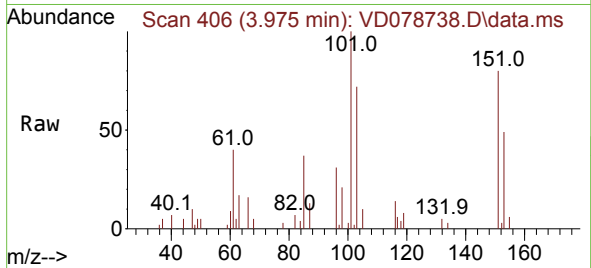




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.490 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

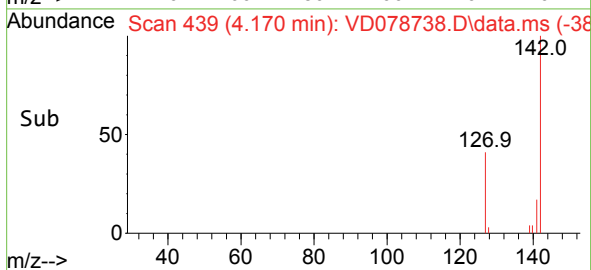
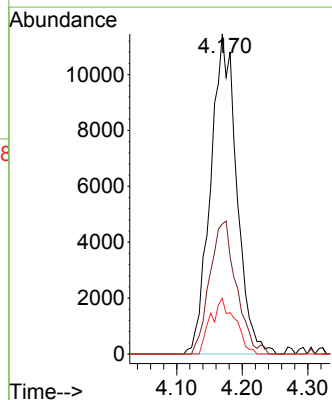
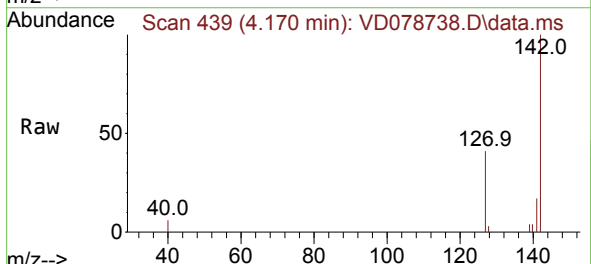
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

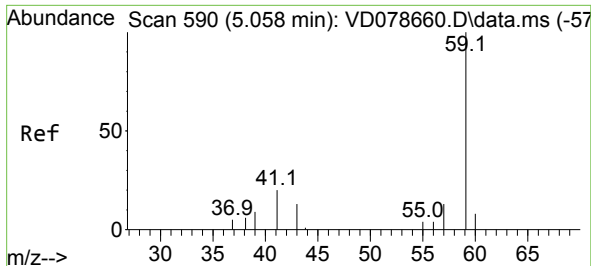
Tgt Ion:101 Resp: 28982
Ion Ratio Lower Upper
101 100
85 43.6 35.8 53.6
151 71.1 59.4 89.2



#10
Methyl Iodide
Concen: 21.734 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion:142 Resp: 31719
Ion Ratio Lower Upper
142 100
127 42.3 33.5 50.3
141 16.2 11.7 17.5

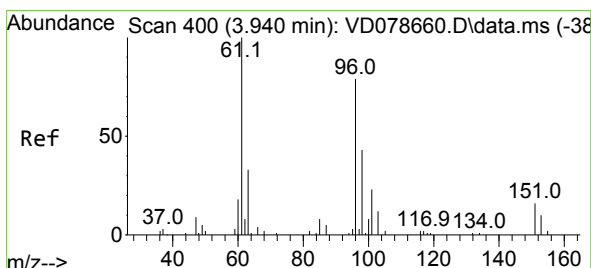
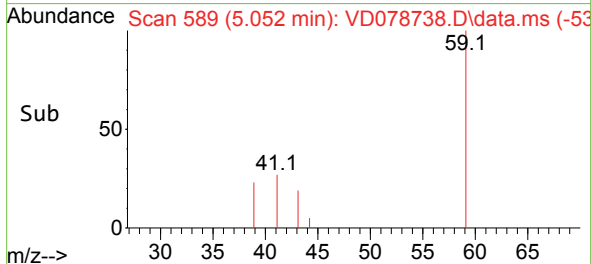
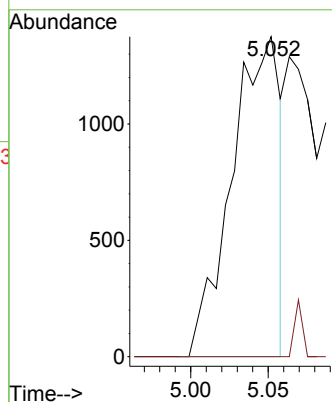
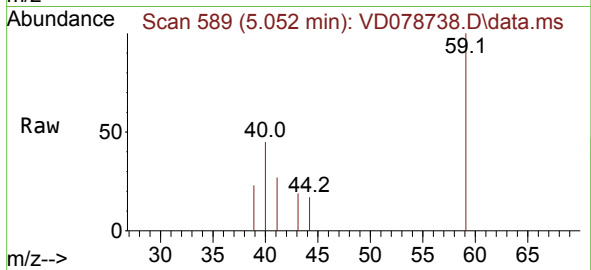




#11
Tert butyl alcohol
Concen: 61.880 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

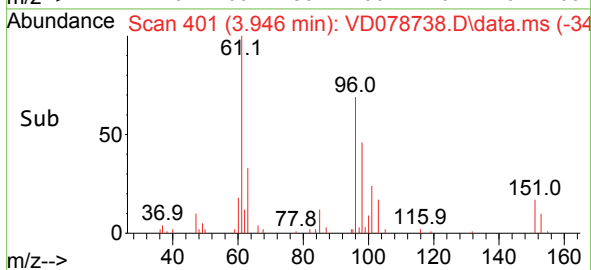
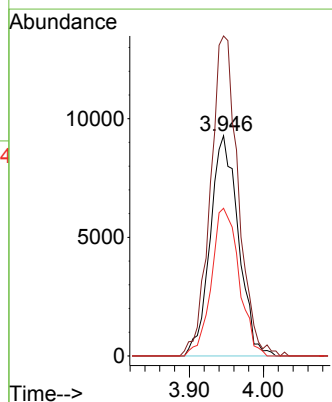
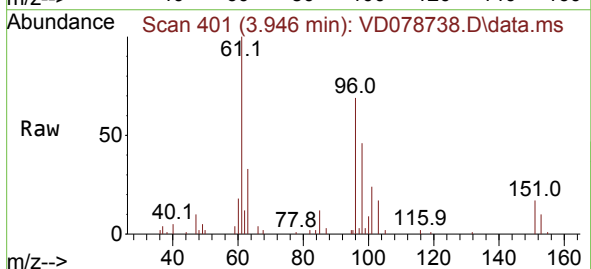
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01

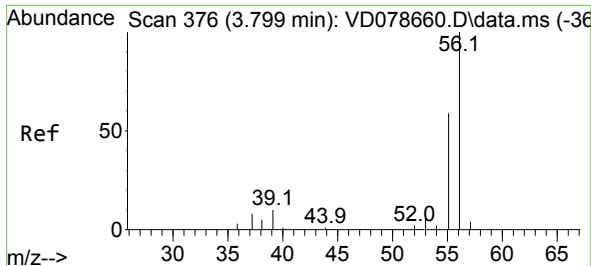
Tgt Ion: 59 Resp: 2975
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 20.905 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

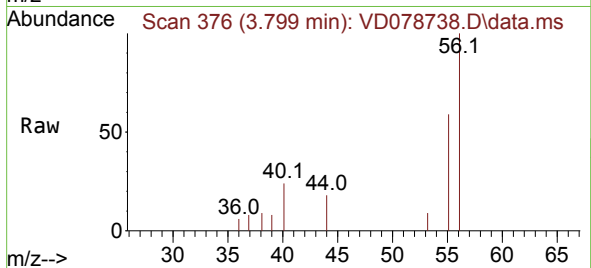
Tgt Ion: 96 Resp: 24519
Ion Ratio Lower Upper
96 100
61 145.3 101.4 152.0
98 67.1 43.4 65.0#



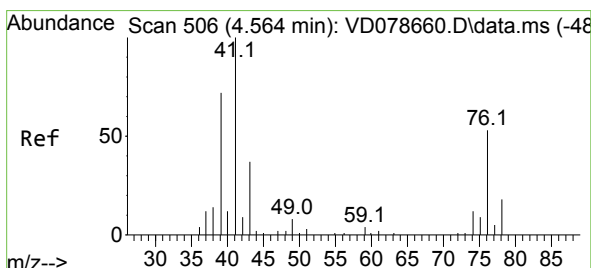
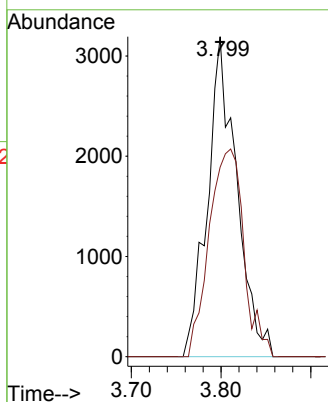
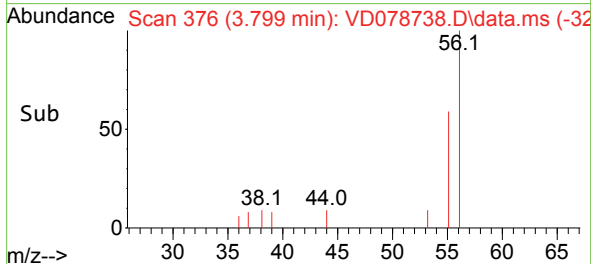


#13
Acrolein
Concen: 95.470 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

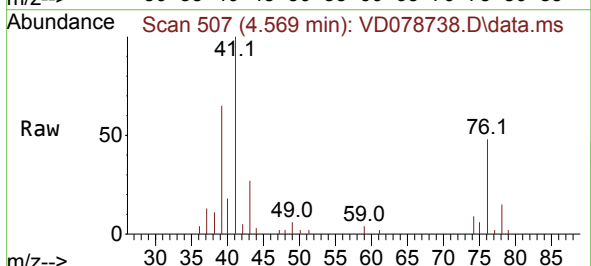
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01



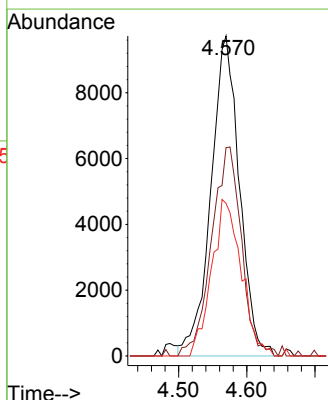
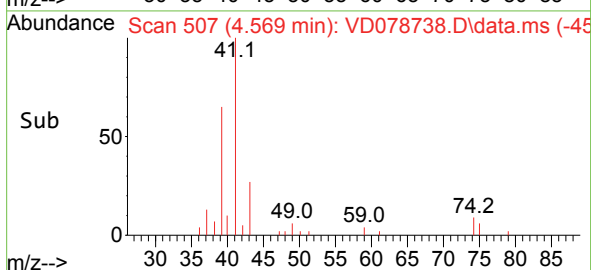
Tgt Ion: 56 Resp: 7190
Ion Ratio Lower Upper
56 100
55 77.1 54.9 82.3

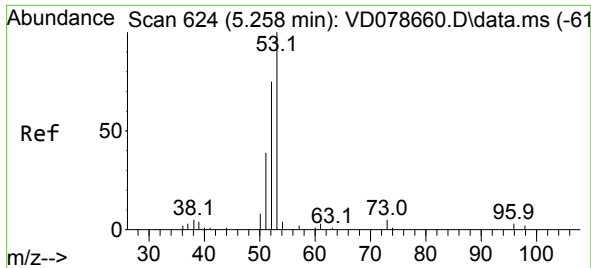


#14
Allyl chloride
Concen: 21.619 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03



Tgt Ion: 41 Resp: 28293
Ion Ratio Lower Upper
41 100
39 68.3 57.8 86.6
76 50.8 44.8 67.2

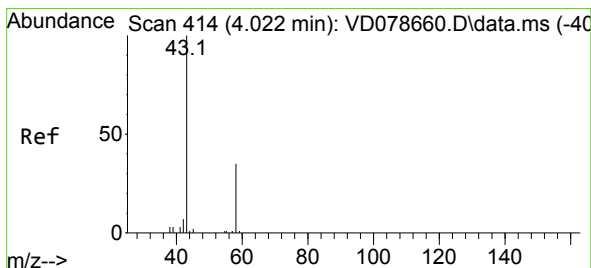
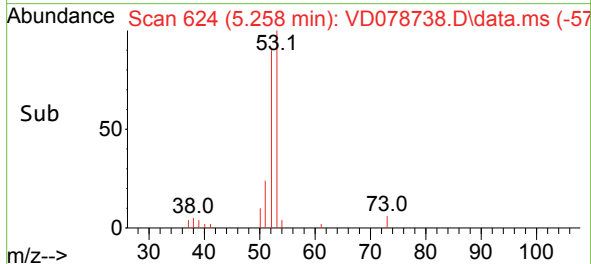
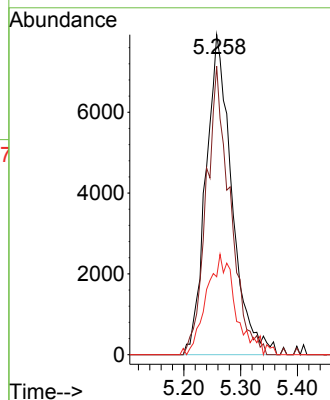
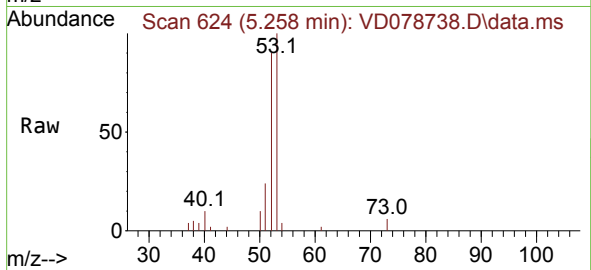




#15
Acrylonitrile
Concen: 108.679 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

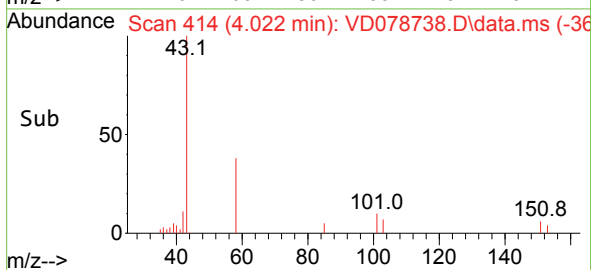
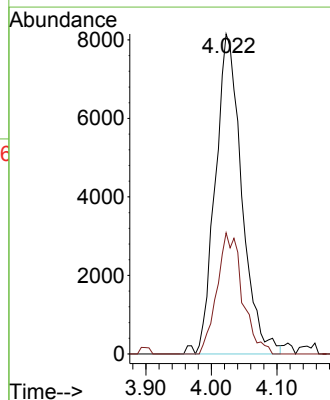
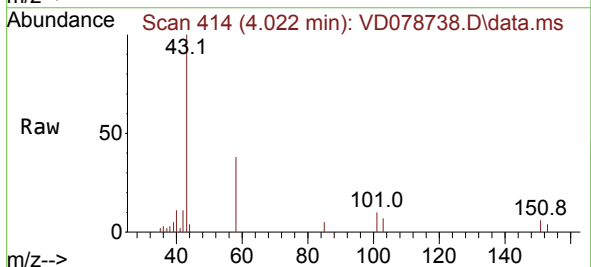
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01

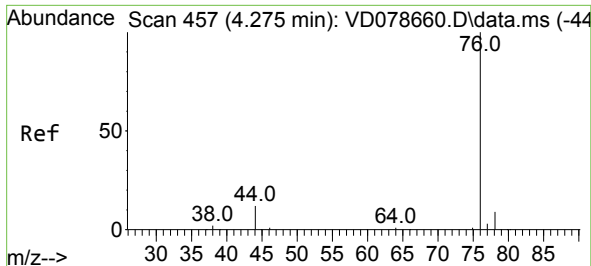
Tgt Ion:	53	Resp:	25147
Ion	Ratio	Lower	Upper
53	100		
52	82.4	61.9	92.9
51	34.9	29.0	43.4



#16
Acetone
Concen: 109.846 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion:	43	Resp:	22819
Ion	Ratio	Lower	Upper
43	100		
58	37.8	28.2	42.4

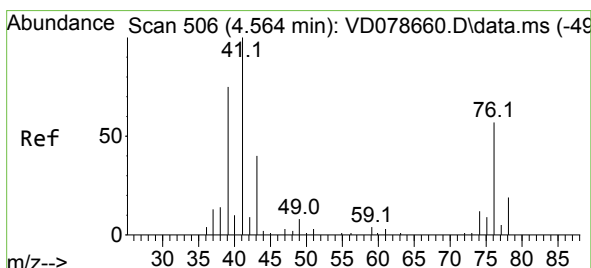
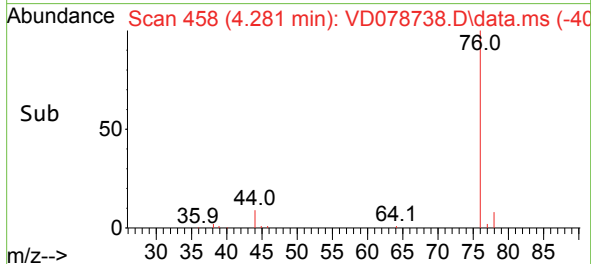
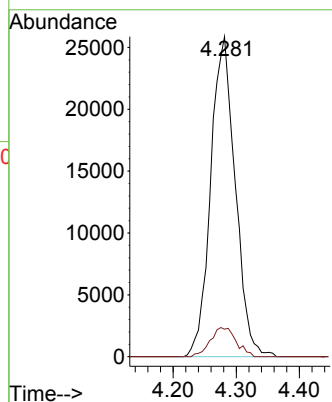
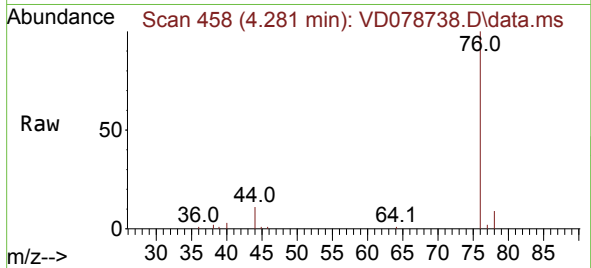




#17
Carbon Disulfide
Concen: 18.172 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

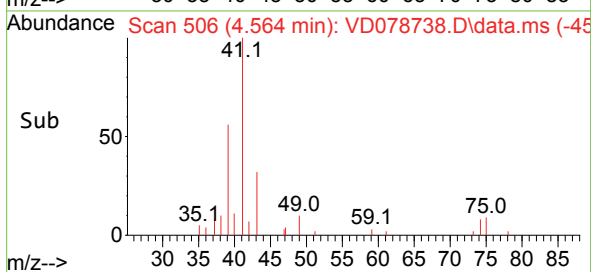
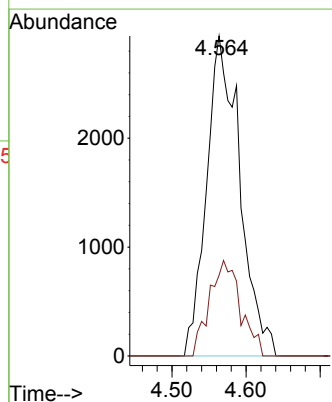
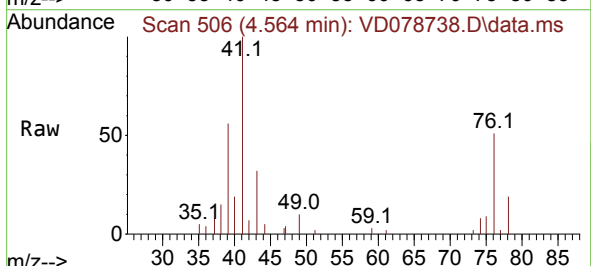
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01

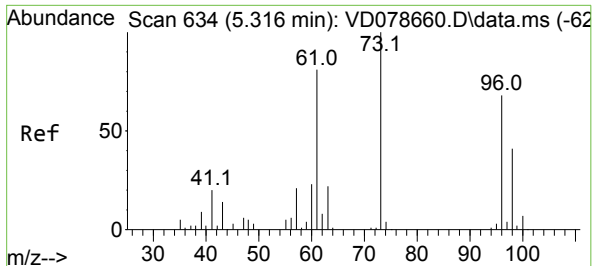
Tgt Ion: 76 Resp: 69872
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 20.569 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion: 43 Resp: 9170
Ion Ratio Lower Upper
43 100
74 27.9 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 20.648 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

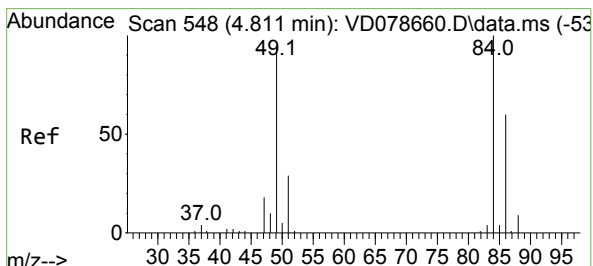
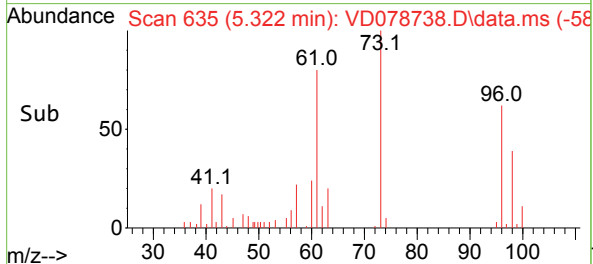
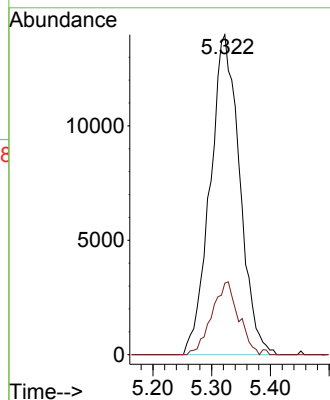
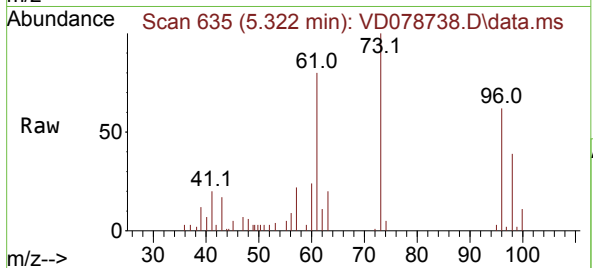
VD0322SBSD01

Tgt Ion: 73 Resp: 48839

Ion Ratio Lower Upper

73 100

57 22.3 16.4 24.6



#20

Methylene Chloride

Concen: 21.280 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.012 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Tgt Ion: 84 Resp: 34101

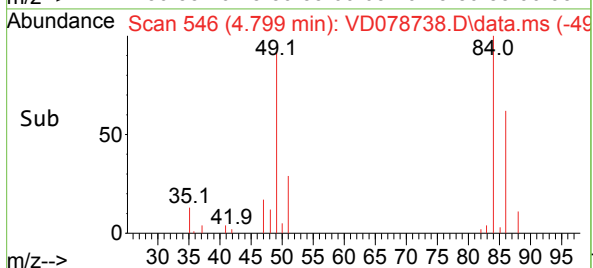
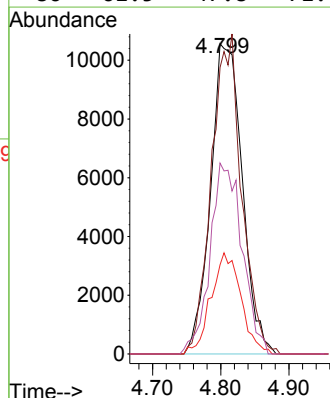
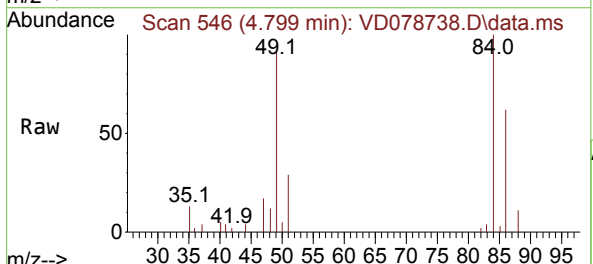
Ion Ratio Lower Upper

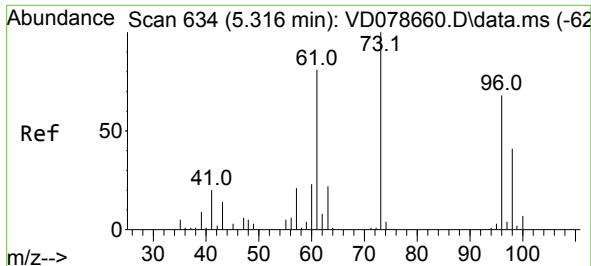
84 100

49 92.3 75.6 113.4

51 28.7 23.4 35.0

86 61.5 47.8 71.6

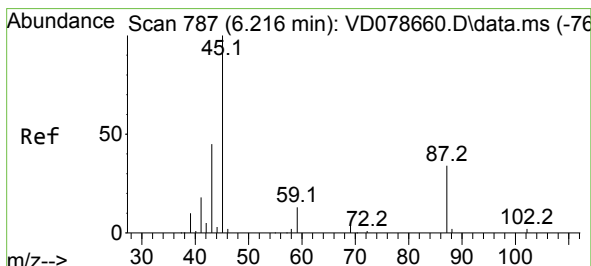
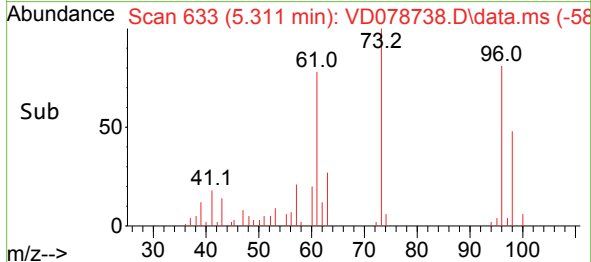
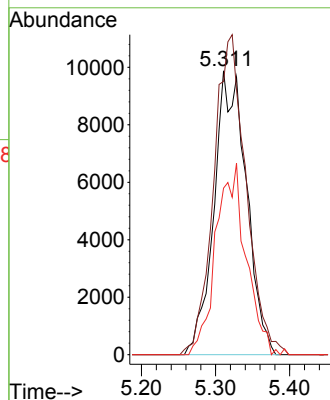
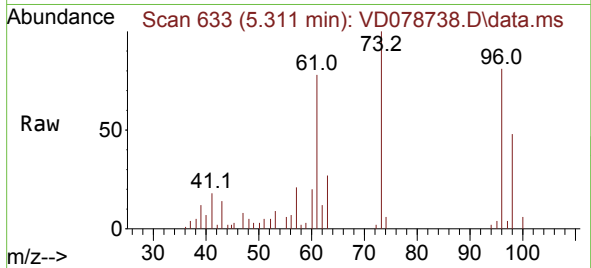




#21
trans-1,2-Dichloroethene
Concen: 21.616 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

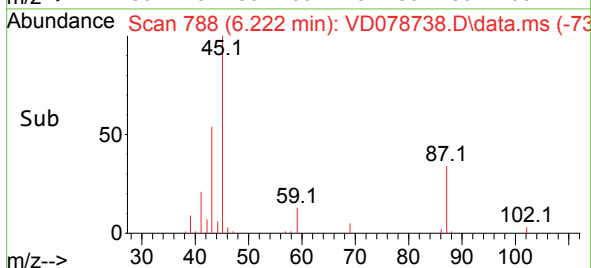
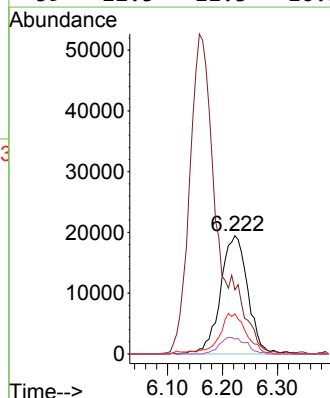
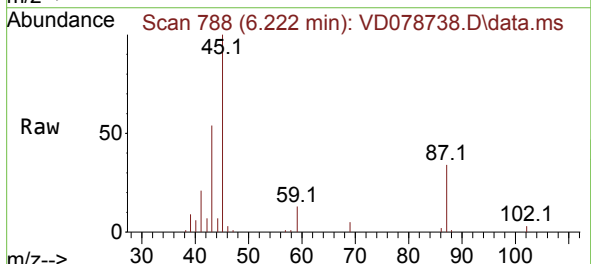
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

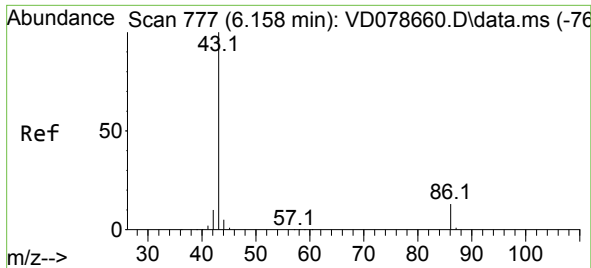
Tgt Ion: 96 Resp: 29915
Ion Ratio Lower Upper
96 100
61 96.3 96.1 144.1
98 58.7 48.9 73.3



#22
Diisopropyl ether
Concen: 22.487 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion: 45 Resp: 66910
Ion Ratio Lower Upper
45 100
43 53.3 44.3 66.5
87 34.0 28.3 42.5
59 12.5 11.3 16.9

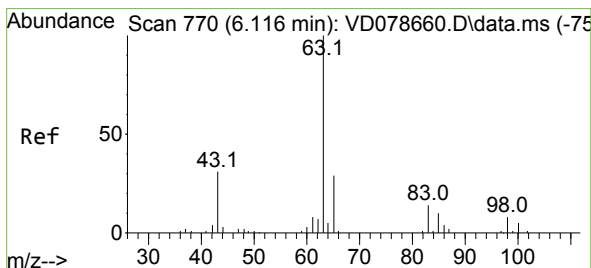
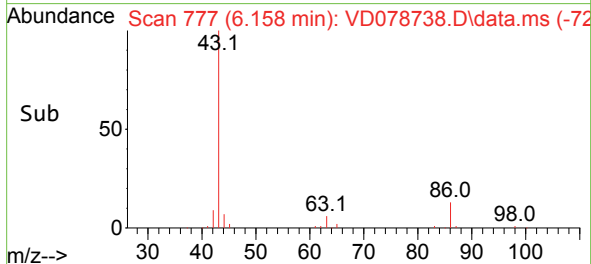
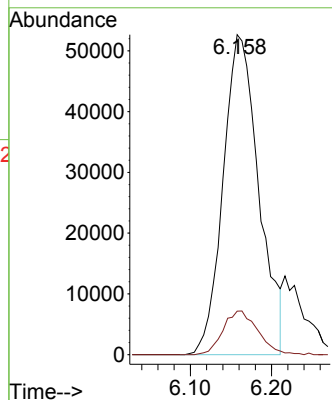
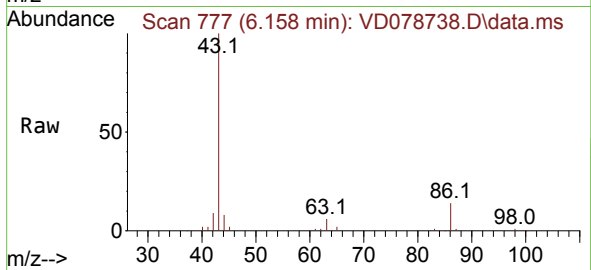




#23
 Vinyl Acetate
 Concen: 92.577 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078738.D
 Acq: 22 Mar 2024 13:03

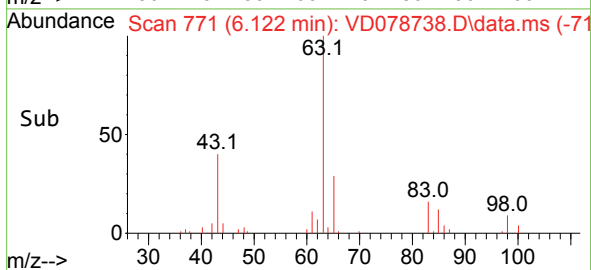
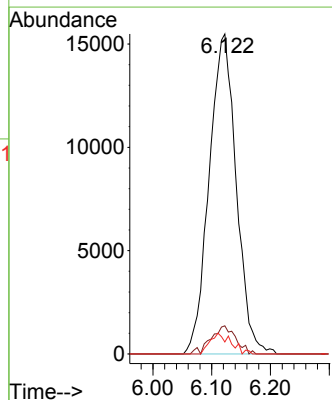
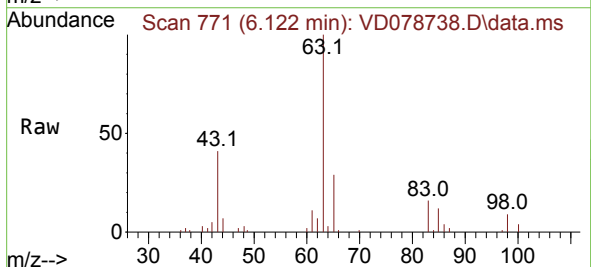
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBS01

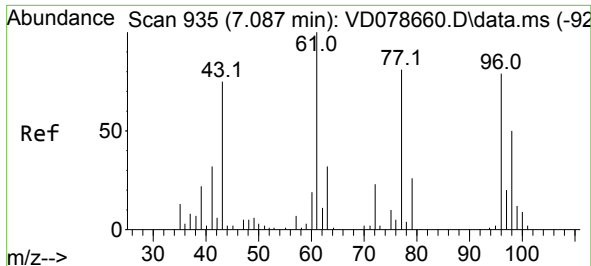
Tgt Ion: 43 Resp: 161126
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 22.237 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD078738.D
 Acq: 22 Mar 2024 13:03

Tgt Ion: 63 Resp: 49606
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.0 11.9
 100 3.8 2.7 8.1

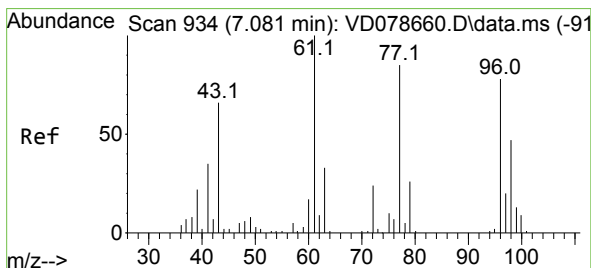
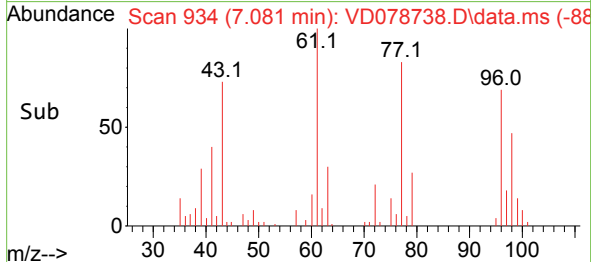
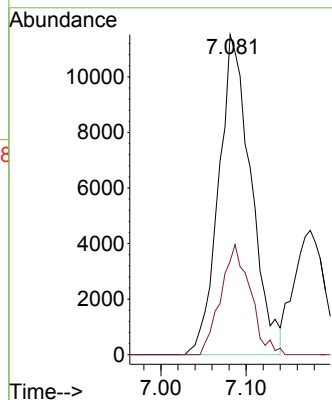
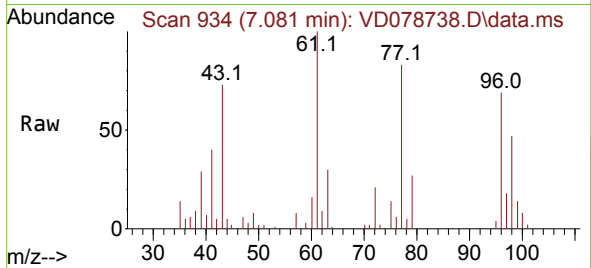




#25
2-Butanone
Concen: 109.646 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

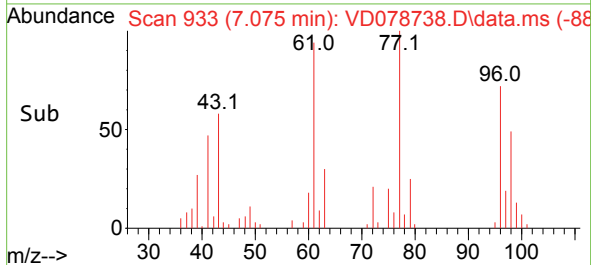
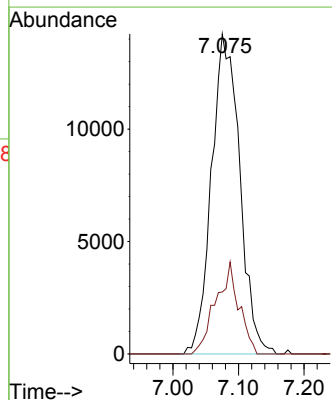
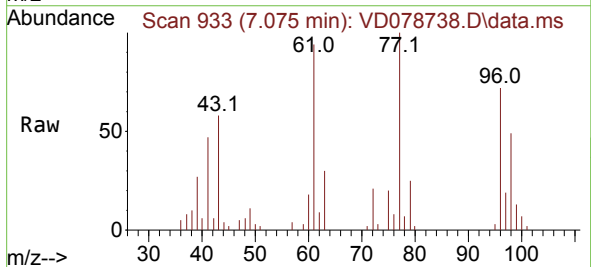
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01

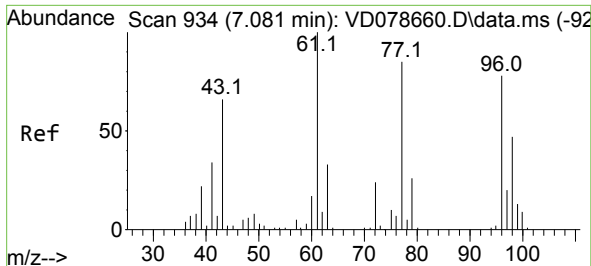
Tgt Ion: 43 Resp: 30283
Ion Ratio Lower Upper
43 100
72 29.2 25.0 37.6



#26
2,2-Dichloropropane
Concen: 22.489 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion: 77 Resp: 42446
Ion Ratio Lower Upper
77 100
97 23.6 12.4 37.0

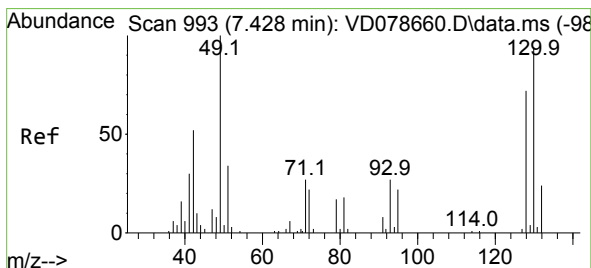
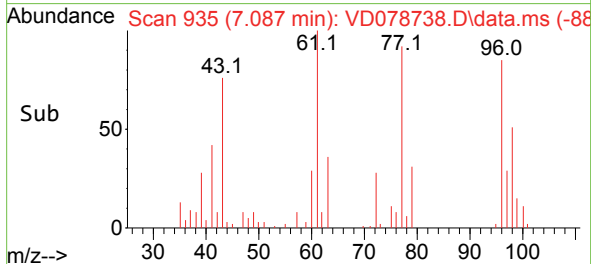
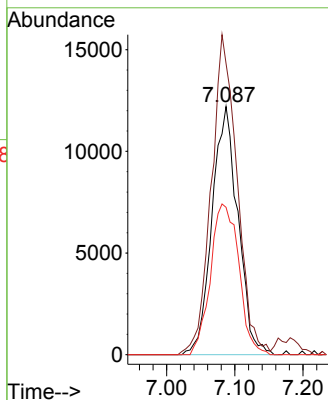
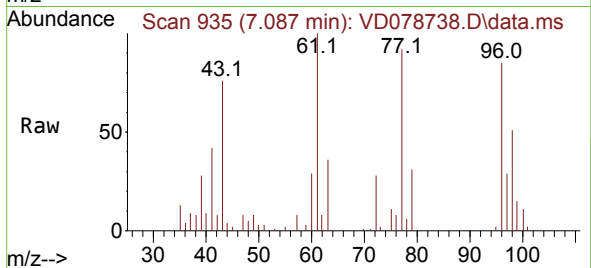




#27
 cis-1,2-Dichloroethene
 Concen: 20.458 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078738.D
 Acq: 22 Mar 2024 13:03

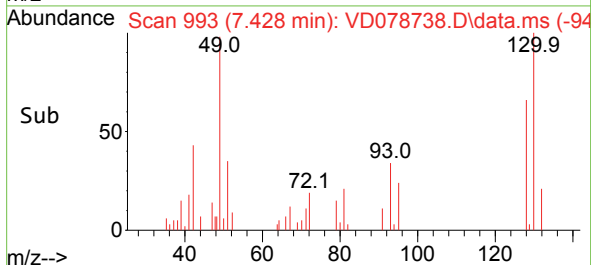
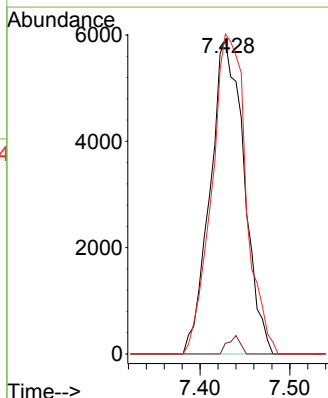
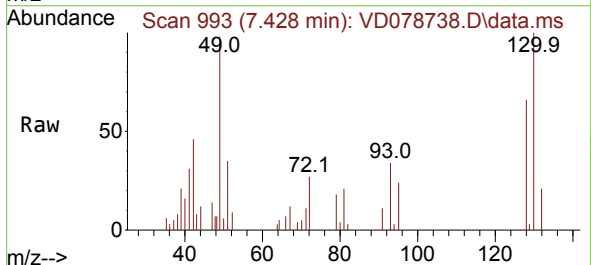
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBS01

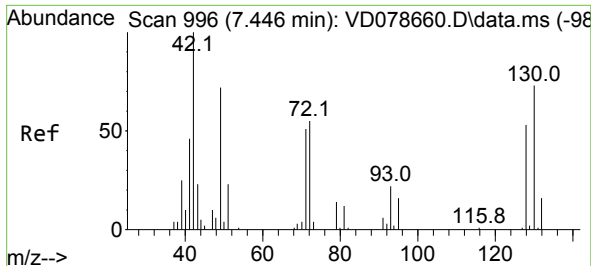
Tgt Ion: 96 Resp: 32292
 Ion Ratio Lower Upper
 96 100
 61 128.6 0.0 245.0
 98 66.4 0.0 126.6



#28
 Bromochloromethane
 Concen: 19.487 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078738.D
 Acq: 22 Mar 2024 13:03

Tgt Ion: 49 Resp: 15498
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 6.2
 130 103.1 77.1 115.7





#29

Tetrahydrofuran

Concen: 101.398 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBS01

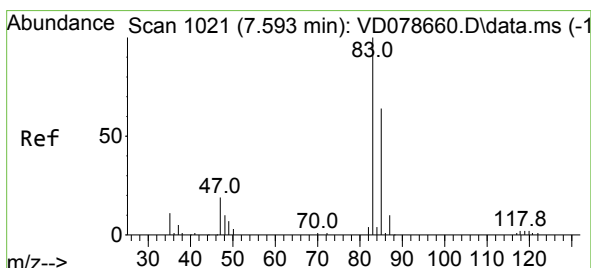
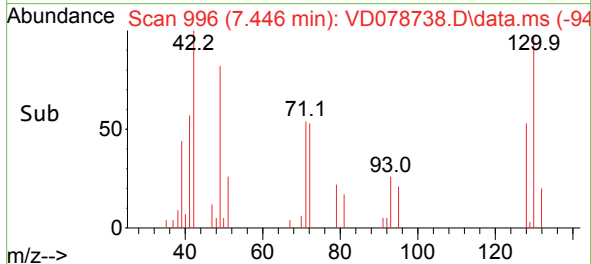
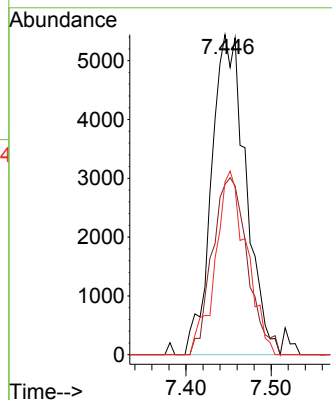
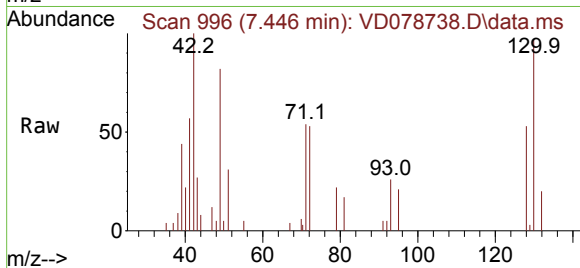
Tgt Ion: 42 Resp: 15232

Ion Ratio Lower Upper

42 100

72 56.9 43.8 65.6

71 52.5 42.0 63.0



#30

Chloroform

Concen: 21.747 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078738.D

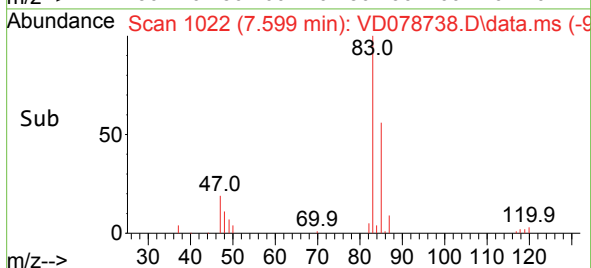
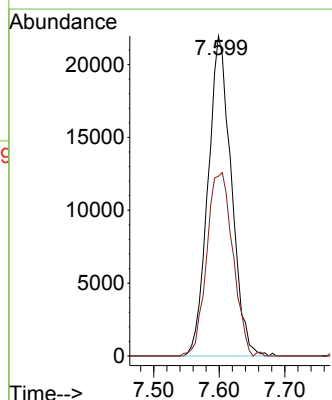
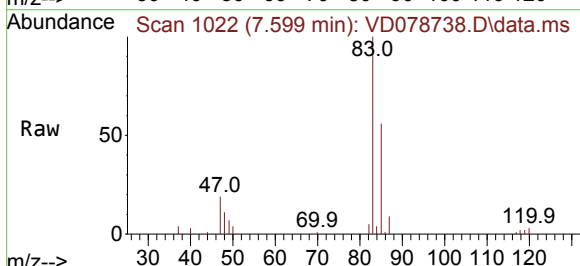
Acq: 22 Mar 2024 13:03

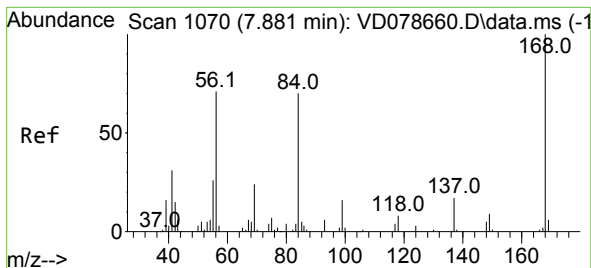
Tgt Ion: 83 Resp: 54092

Ion Ratio Lower Upper

83 100

85 56.1 51.2 76.8





#31

Cyclohexane

Concen: 20.707 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBS01

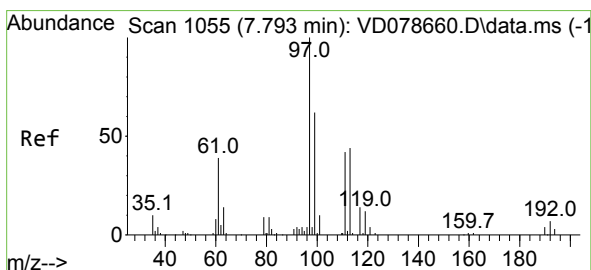
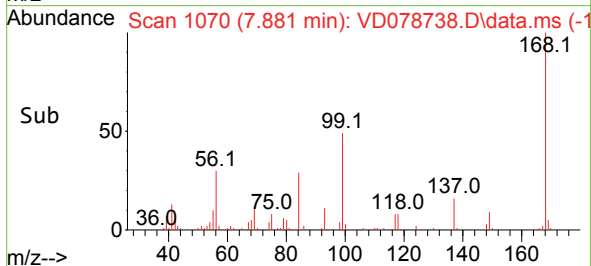
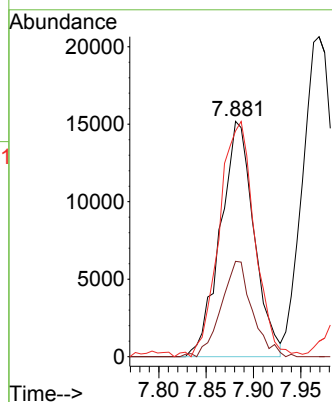
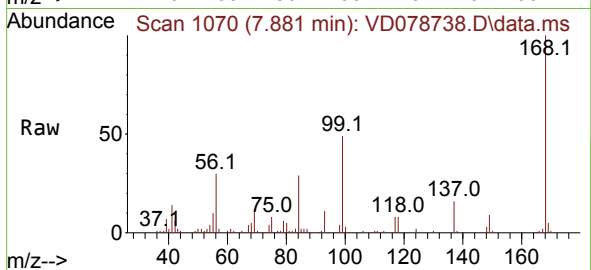
Tgt Ion: 56 Resp: 37389

Ion Ratio Lower Upper

56 100

69 40.5 26.6 40.0#

84 94.4 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 22.917 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

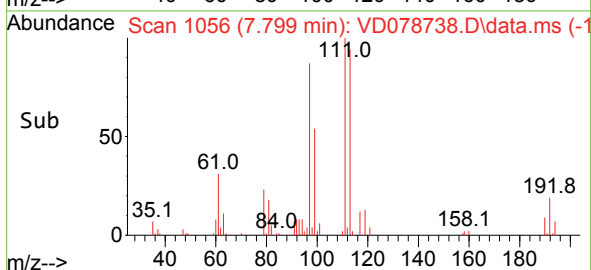
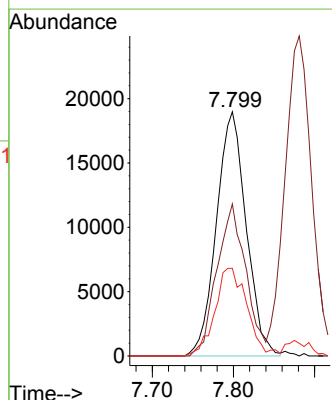
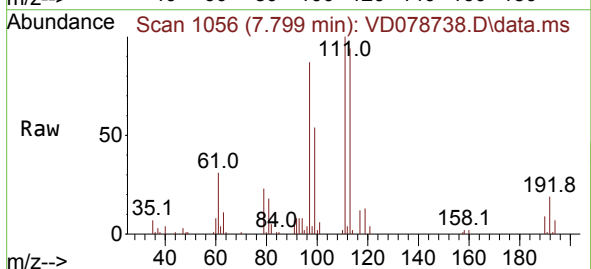
Tgt Ion: 97 Resp: 48362

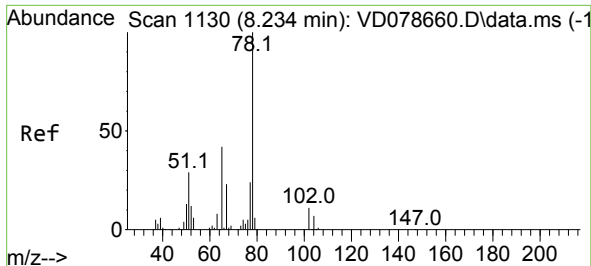
Ion Ratio Lower Upper

97 100

99 60.7 50.8 76.2

61 38.3 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 50.610 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

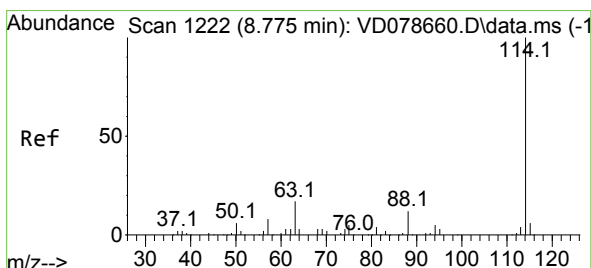
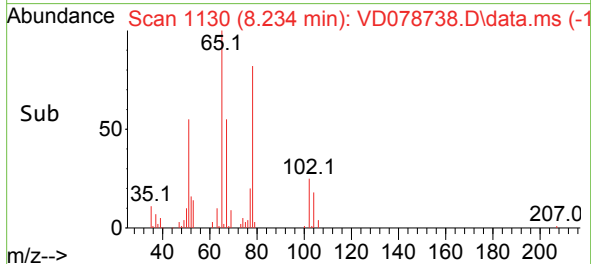
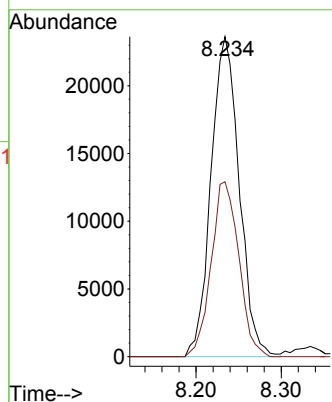
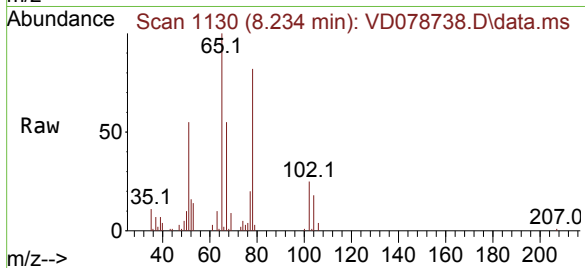
VD0322SBSD01

Tgt Ion: 65 Resp: 54369

Ion Ratio Lower Upper

65 100

67 53.6 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: VD078738.D

Acq: 22 Mar 2024 13:03

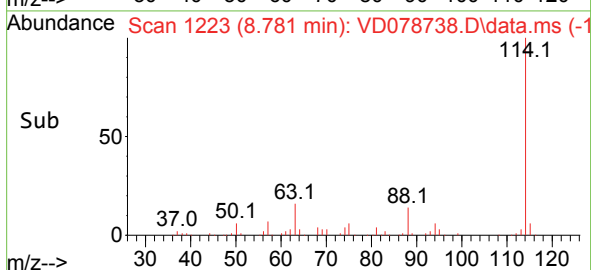
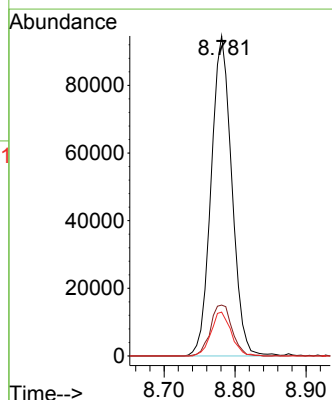
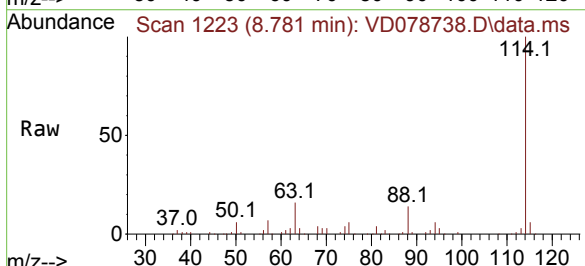
Tgt Ion: 114 Resp: 191180

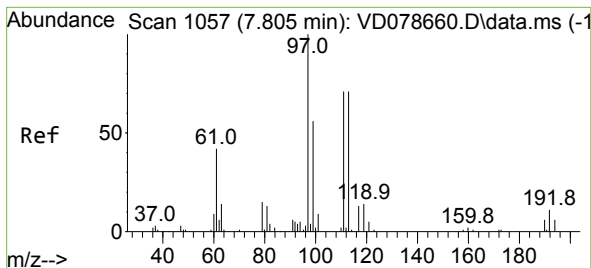
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.4

88 13.7 0.0 24.6





#35

Dibromofluoromethane

Concen: 53.767 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBS01

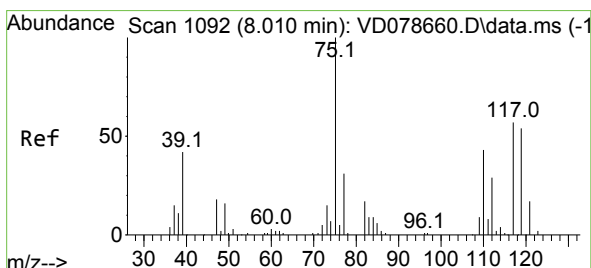
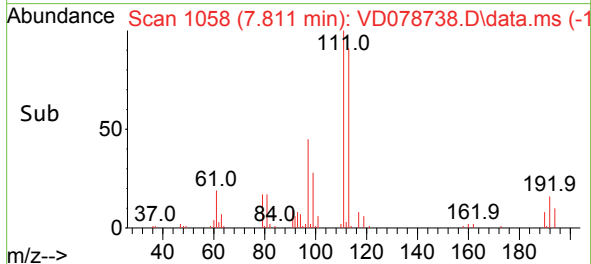
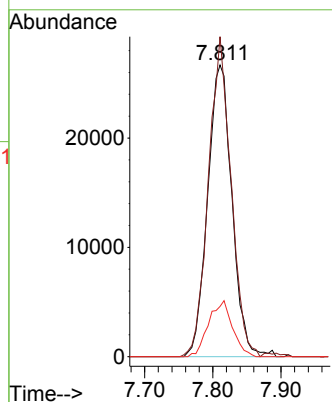
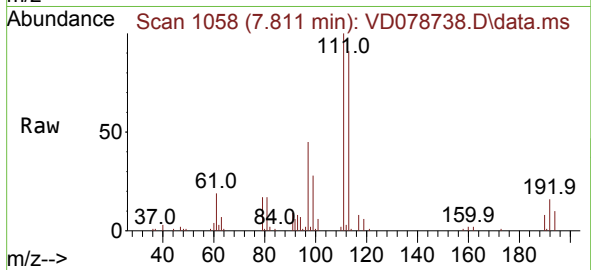
Tgt Ion:113 Resp: 66182

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 18.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 21.869 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

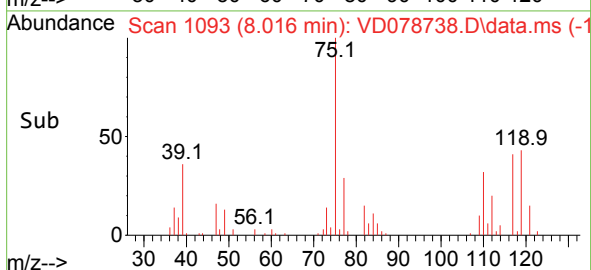
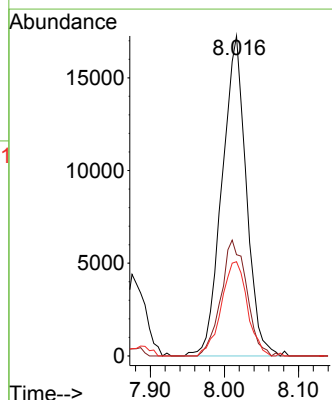
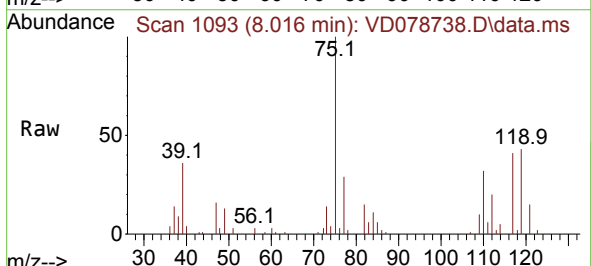
Tgt Ion: 75 Resp: 39058

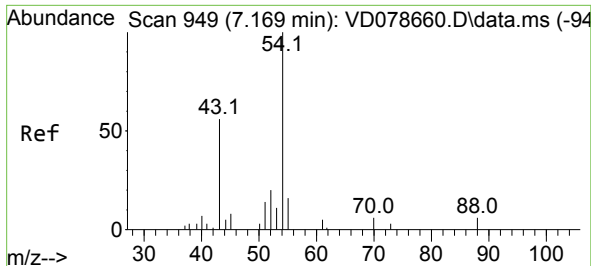
Ion Ratio Lower Upper

75 100

110 38.5 19.1 57.1

77 31.6 25.4 38.2





#37

Ethyl Acetate

Concen: 20.785 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBSD01

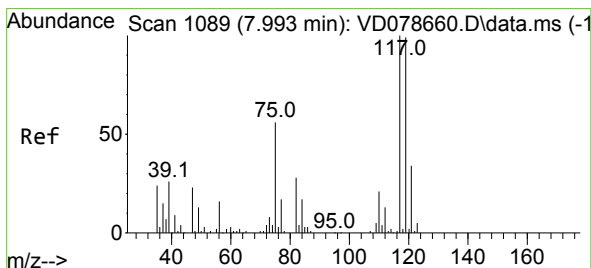
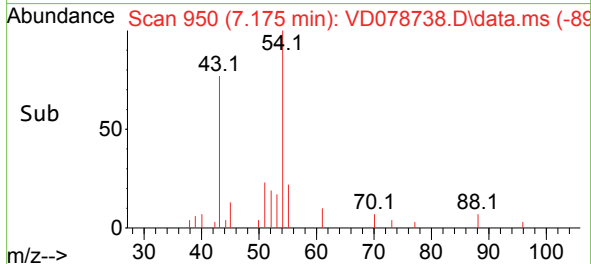
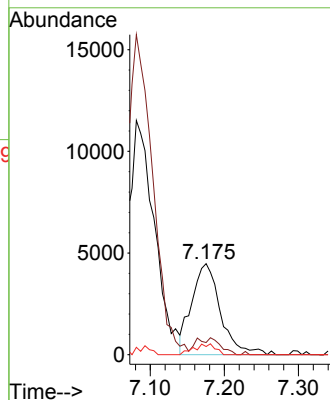
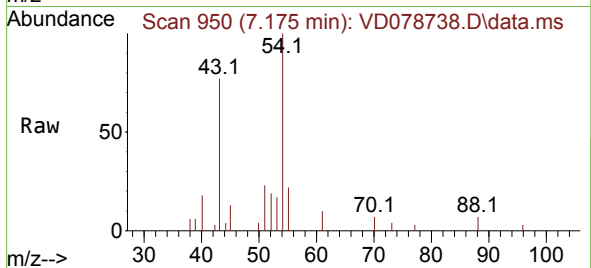
Tgt Ion: 43 Resp: 12127

Ion Ratio Lower Upper

43 100

61 0.0 14.6 21.8#

70 8.6 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 21.575 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

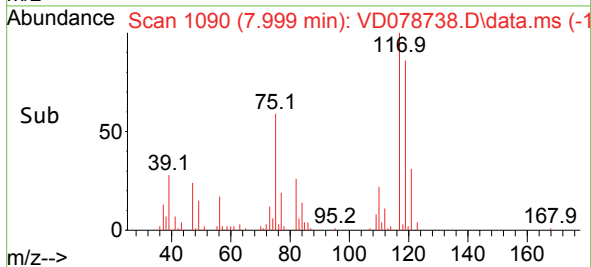
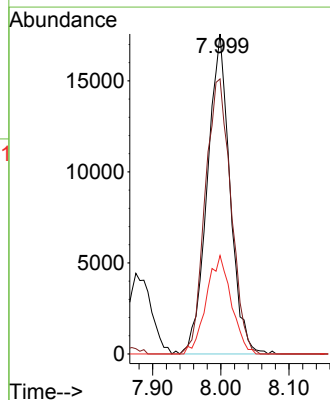
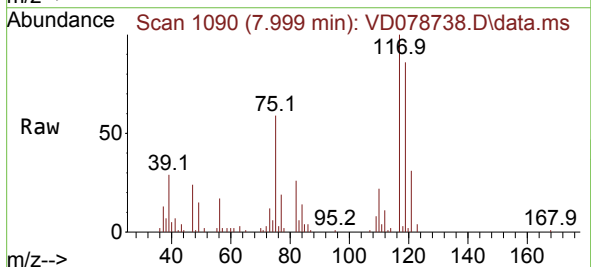
Tgt Ion:117 Resp: 40622

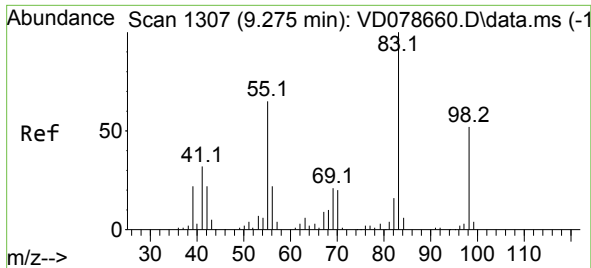
Ion Ratio Lower Upper

117 100

119 86.0 79.2 118.8

121 30.7 26.8 40.2





#39

Methylcyclohexane

Concen: 21.776 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBSD01

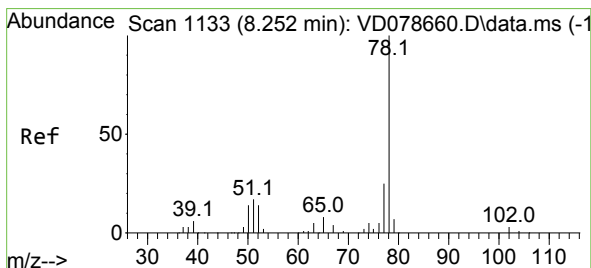
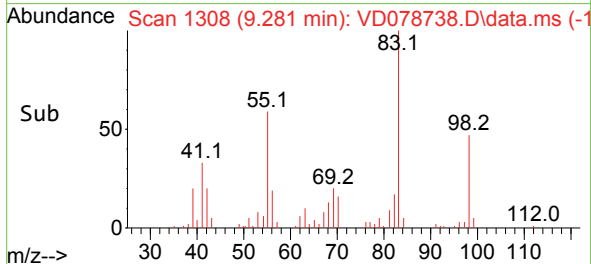
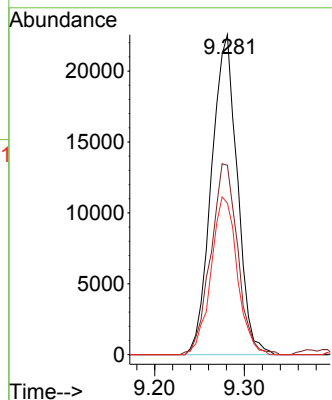
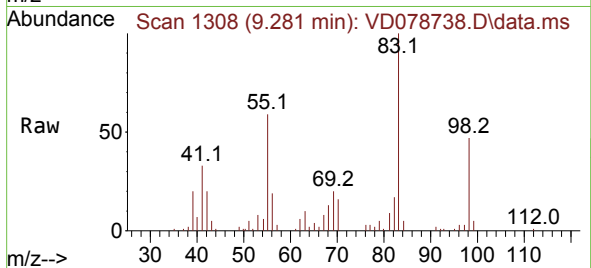
Tgt Ion: 83 Resp: 45116

Ion Ratio Lower Upper

83 100

55 59.2 51.7 77.5

98 47.4 41.4 62.0



#40

Benzene

Concen: 21.914 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078738.D

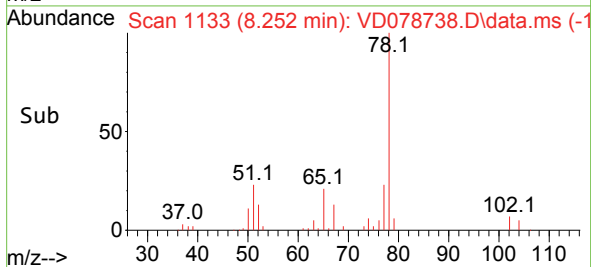
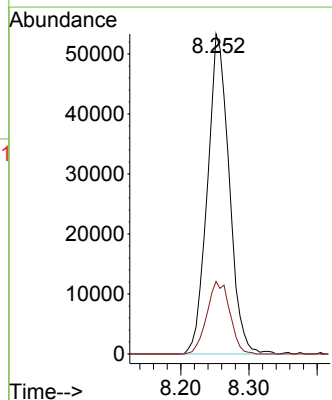
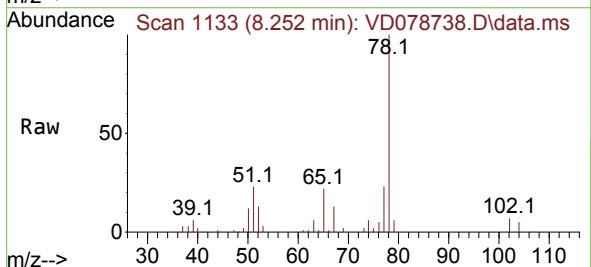
Acq: 22 Mar 2024 13:03

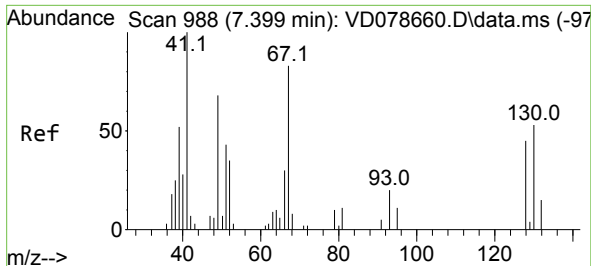
Tgt Ion: 78 Resp: 118310

Ion Ratio Lower Upper

78 100

77 22.7 20.4 30.6

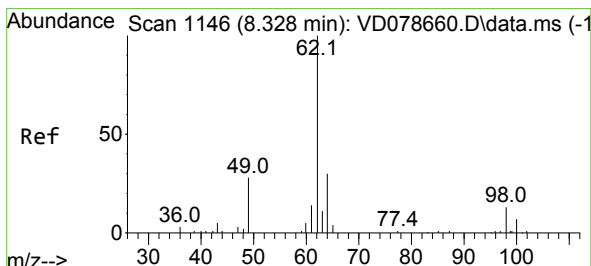
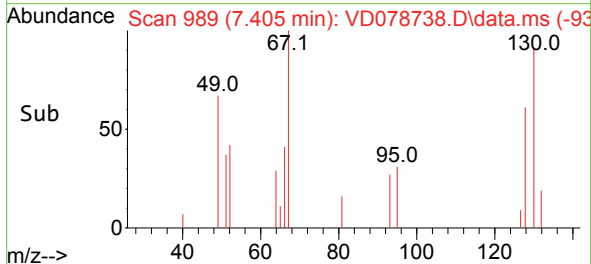
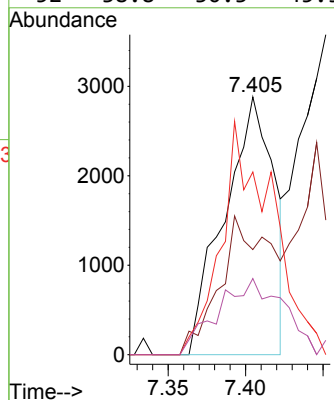
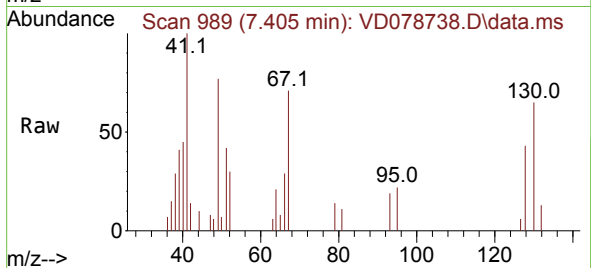




#41
Methacrylonitrile
Concen: 20.951 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

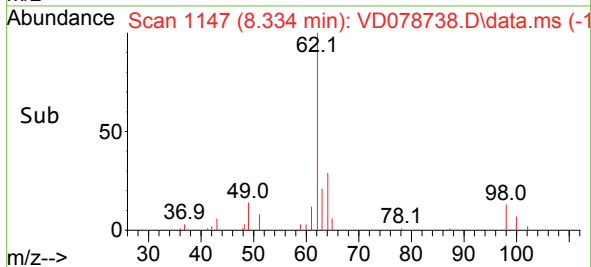
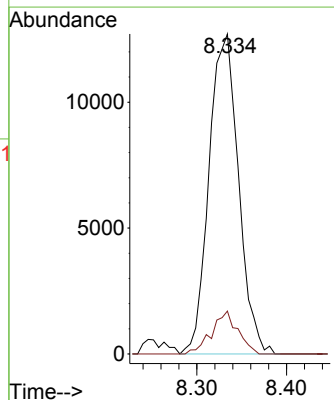
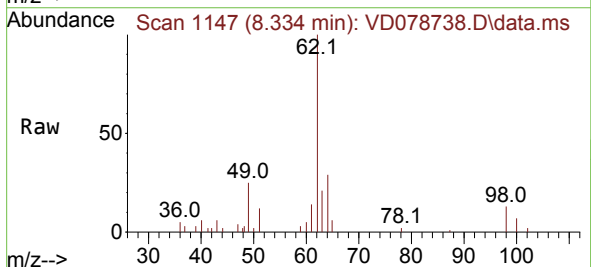
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01

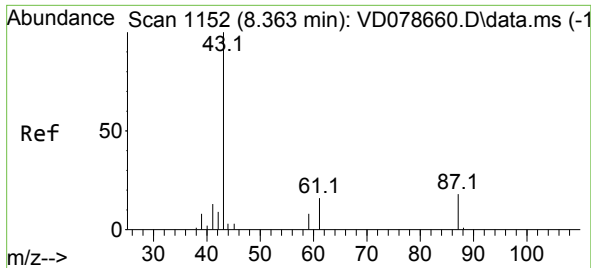
Tgt Ion: 41 Resp: 6406
Ion Ratio Lower Upper
41 100
39 35.8 39.8 59.6#
67 93.2 83.5 125.3
52 38.8 30.3 45.5



#42
1,2-Dichloroethane
Concen: 22.046 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion: 62 Resp: 29026
Ion Ratio Lower Upper
62 100
98 11.9 0.0 23.8

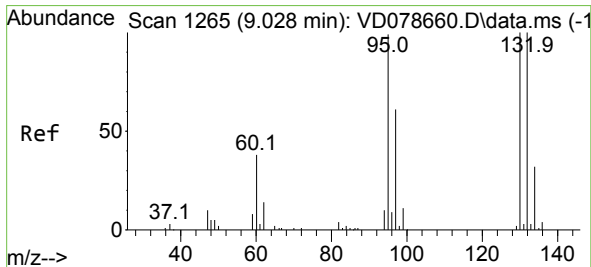
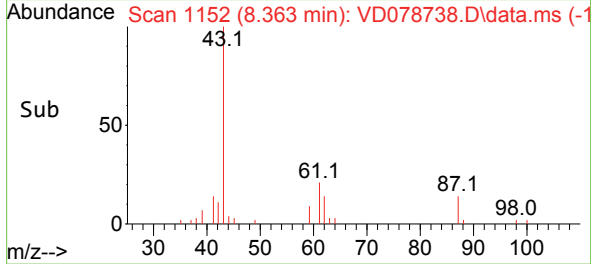
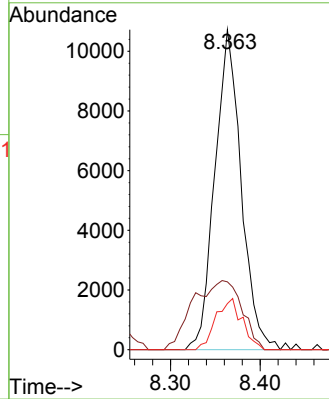
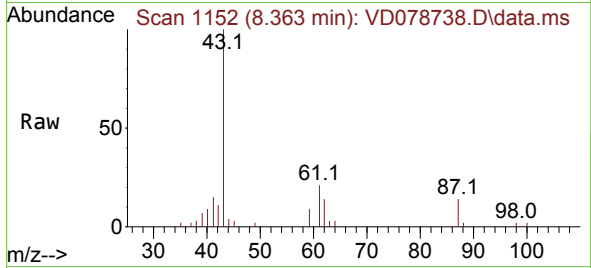




#43
Isopropyl Acetate
Concen: 20.553 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

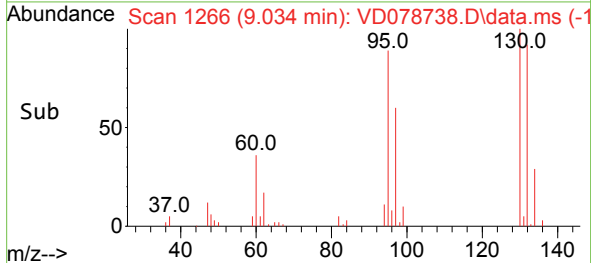
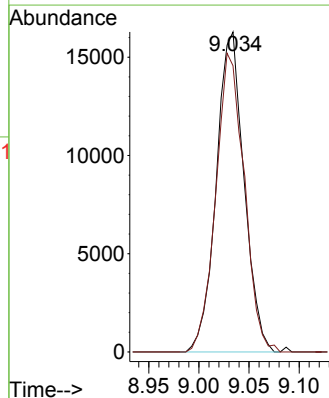
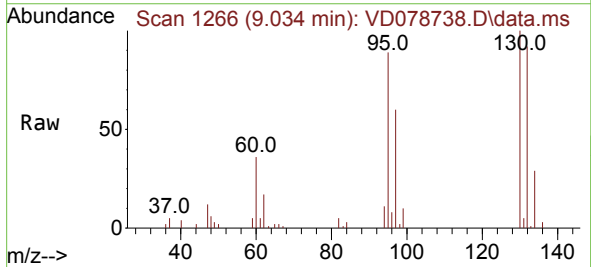
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

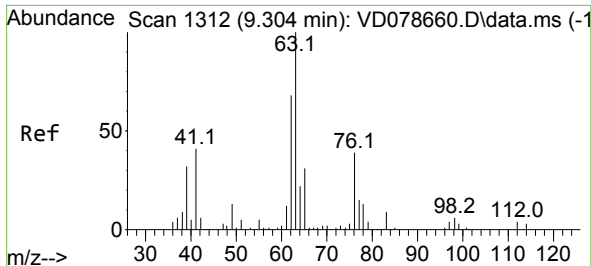
Tgt Ion:	43	Resp:	21808
Ion	Ratio	Lower	Upper
43	100		
61	40.1	30.1	45.1
87	16.0	14.4	21.6



#44
Trichloroethene
Concen: 21.360 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion:	130	Resp:	31295
Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	197.8





#45

1,2-Dichloropropane

Concen: 22.790 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

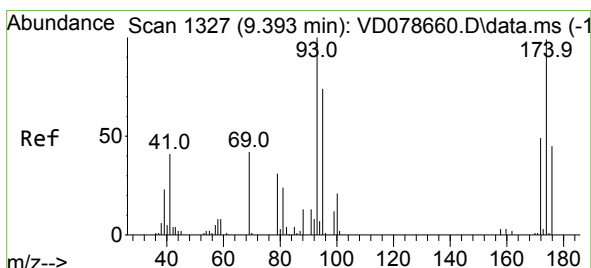
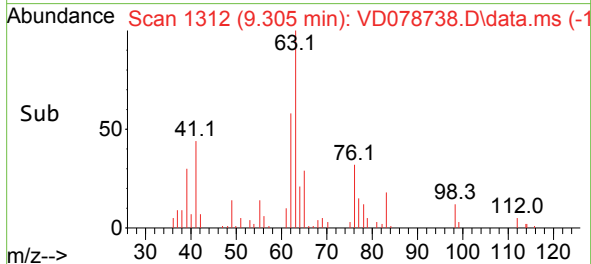
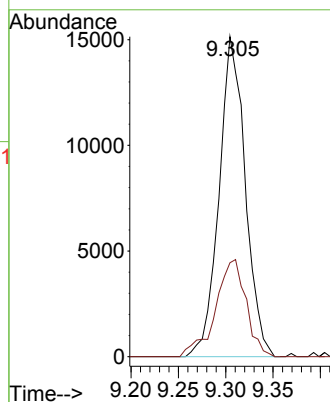
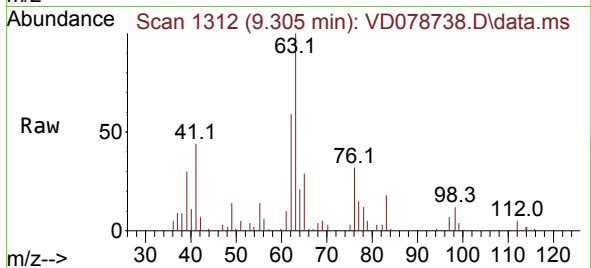
VD0322SBSD01

Tgt Ion: 63 Resp: 29187

Ion Ratio Lower Upper

63 100

65 29.3 24.8 37.2



#46

Dibromomethane

Concen: 20.572 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

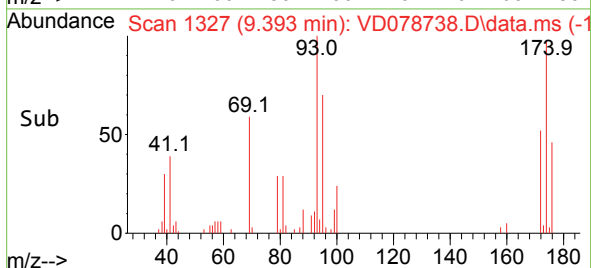
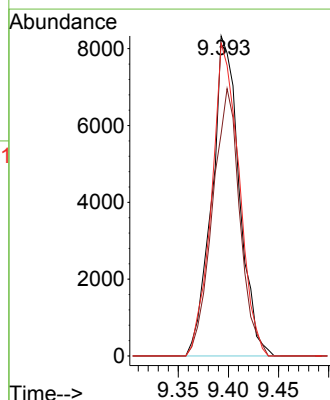
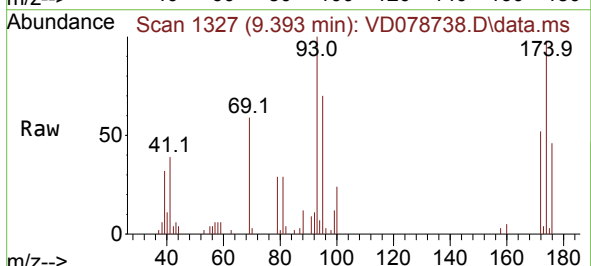
Tgt Ion: 93 Resp: 15793

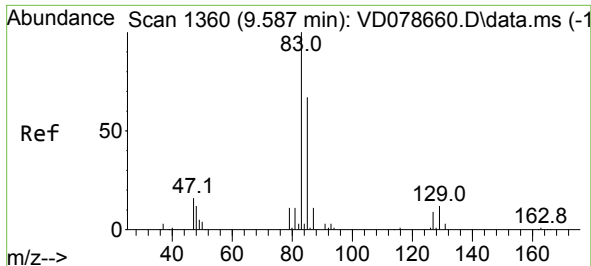
Ion Ratio Lower Upper

93 100

95 83.4 67.3 100.9

174 98.2 80.9 121.3

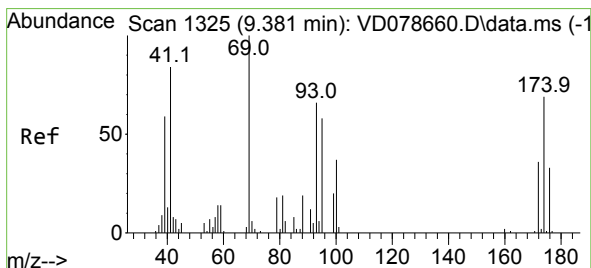
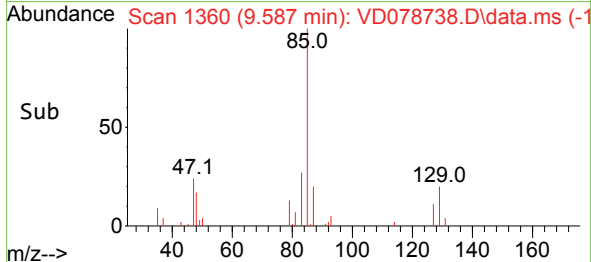
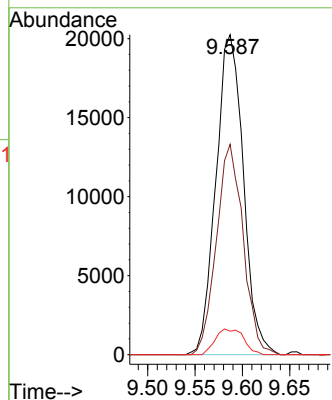
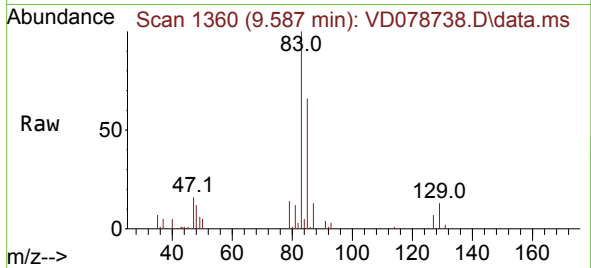




#47
Bromodichloromethane
Concen: 22.320 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

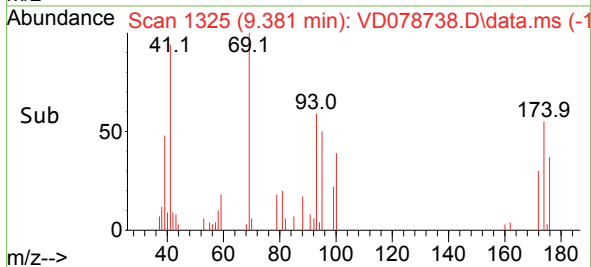
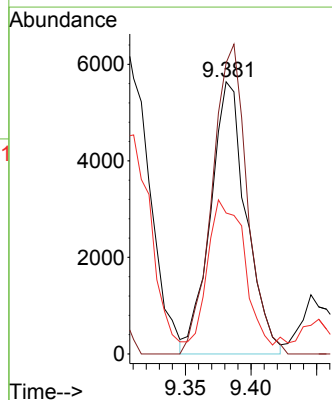
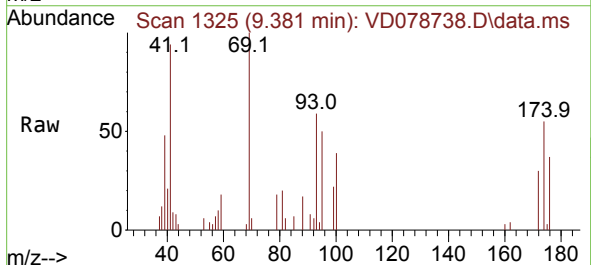
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01

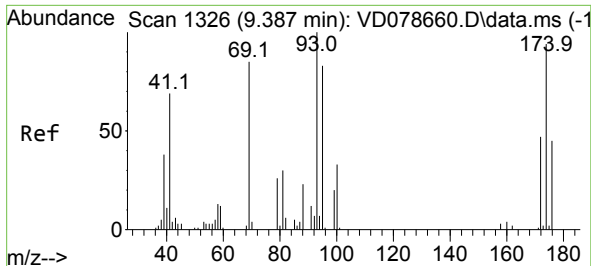
Tgt Ion:	83	Resp:	40792
Ion	Ratio	Lower	Upper
83	100		
85	65.7	54.0	81.0
127	7.3	7.1	10.7



#48
Methyl methacrylate
Concen: 20.684 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion:	41	Resp:	10694
Ion	Ratio	Lower	Upper
41	100		
69	111.4	88.3	132.5
39	60.5	46.6	69.8





#49

1,4-Dioxane

Concen: 368.590 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBSD01

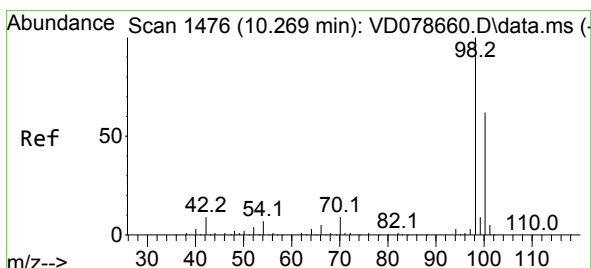
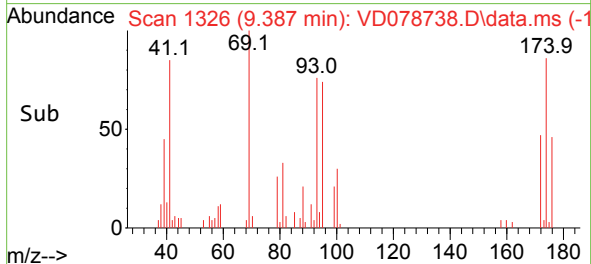
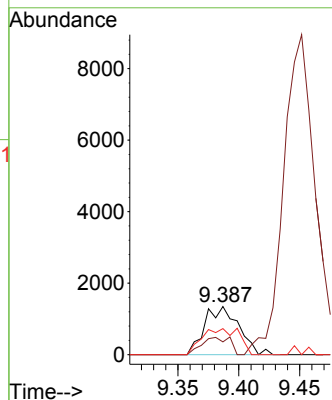
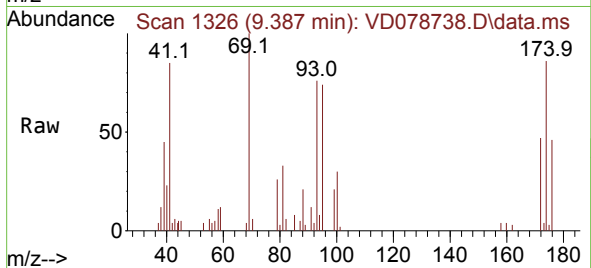
Tgt Ion: 88 Resp: 2620

Ion Ratio Lower Upper

88 100

43 29.8 23.2 34.8

58 59.3 51.0 76.6



#50

Toluene-d8

Concen: 53.533 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078738.D

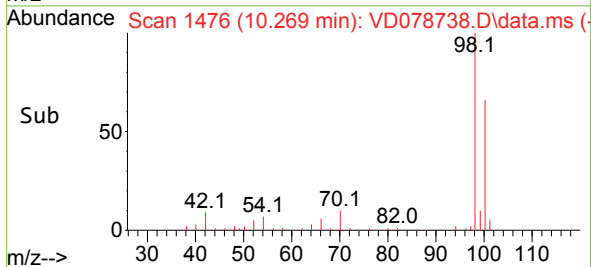
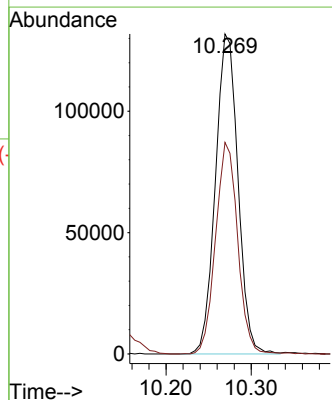
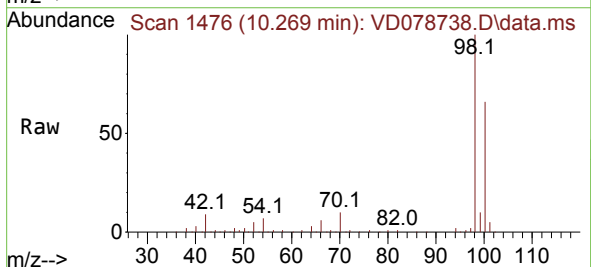
Acq: 22 Mar 2024 13:03

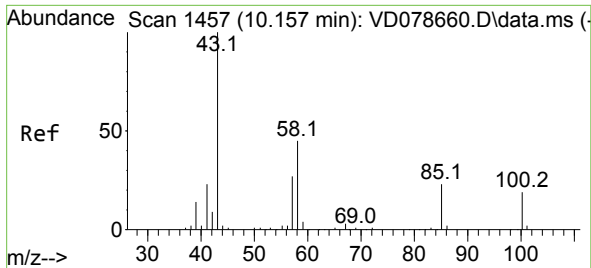
Tgt Ion: 98 Resp: 242338

Ion Ratio Lower Upper

98 100

100 65.0 50.5 75.7

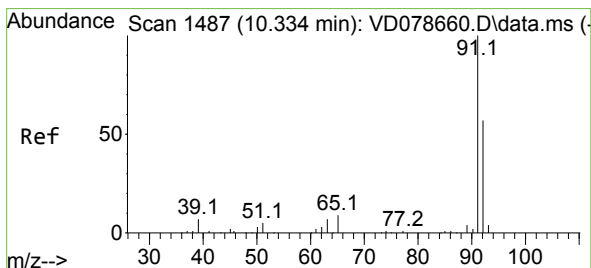
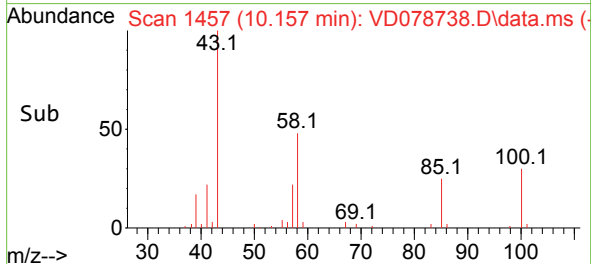
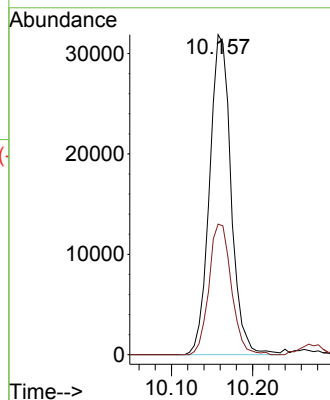
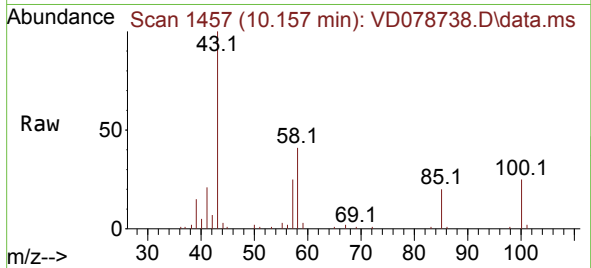




#51
4-Methyl-2-Pentanone
Concen: 105.713 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

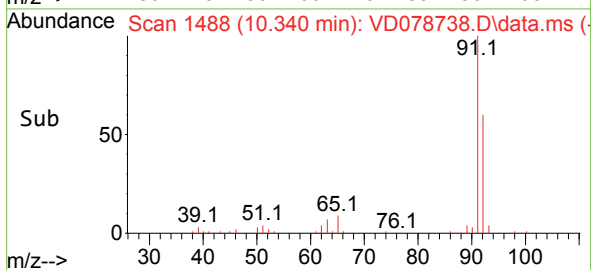
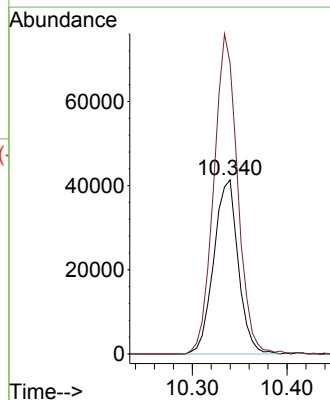
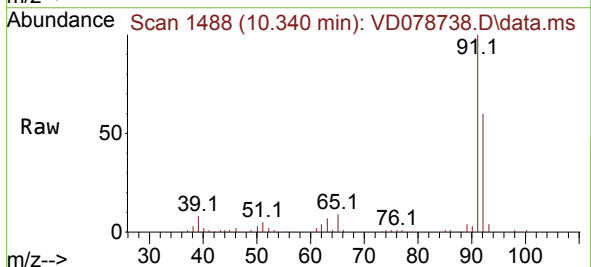
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01

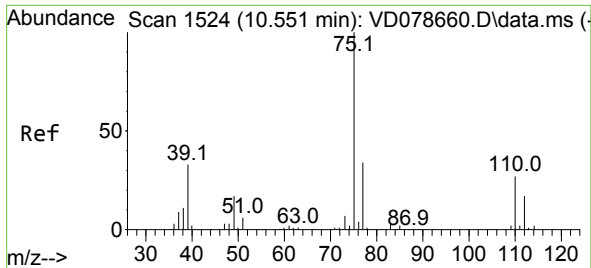
Tgt Ion: 43 Resp: 58641
Ion Ratio Lower Upper
43 100
58 42.4 36.4 54.6



#52
Toluene
Concen: 21.356 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion: 92 Resp: 74230
Ion Ratio Lower Upper
92 100
91 179.3 136.6 205.0

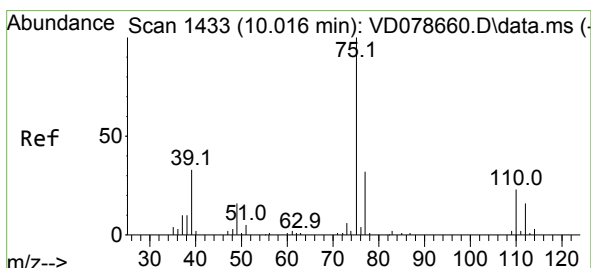
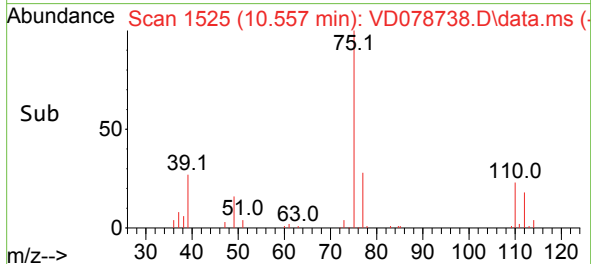
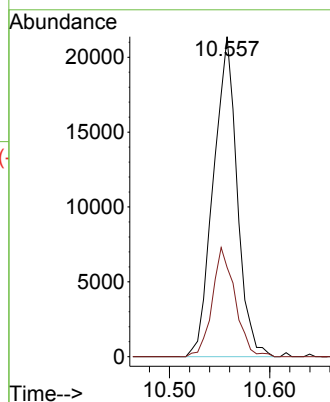
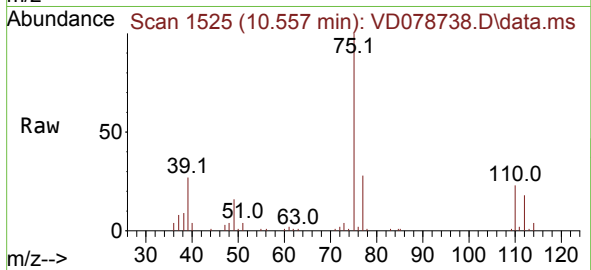




#53
 t-1,3-Dichloropropene
 Concen: 21.026 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078738.D
 Acq: 22 Mar 2024 13:03

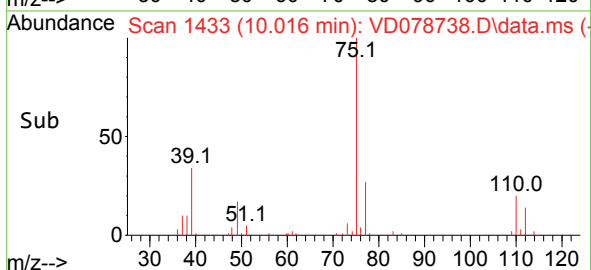
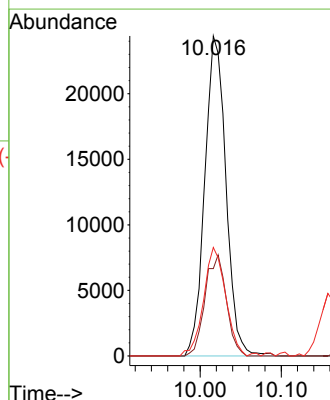
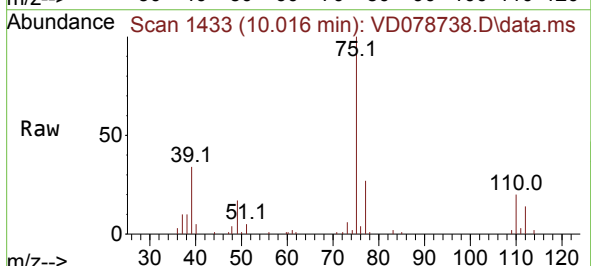
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBS01

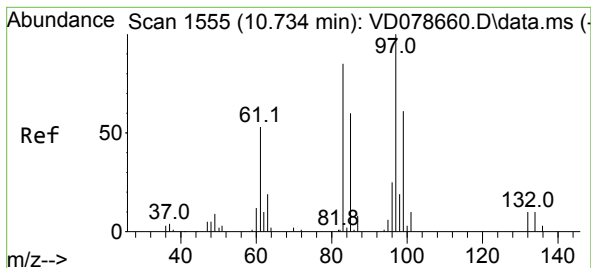
Tgt Ion: 75 Resp: 35134
 Ion Ratio Lower Upper
 75 100
 77 27.9 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 22.037 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078738.D
 Acq: 22 Mar 2024 13:03

Tgt Ion: 75 Resp: 44268
 Ion Ratio Lower Upper
 75 100
 77 27.3 25.4 38.0
 39 33.9 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 21.847 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBSD01

Tgt Ion: 97 Resp: 22460

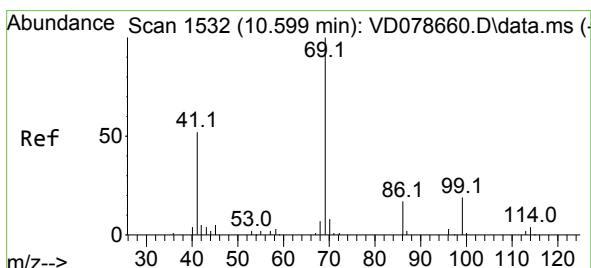
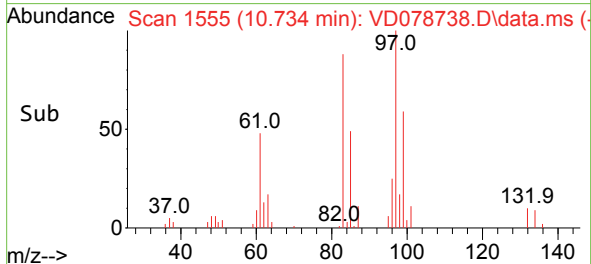
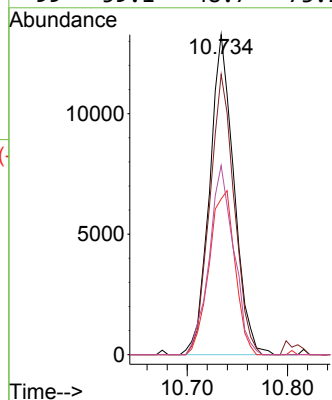
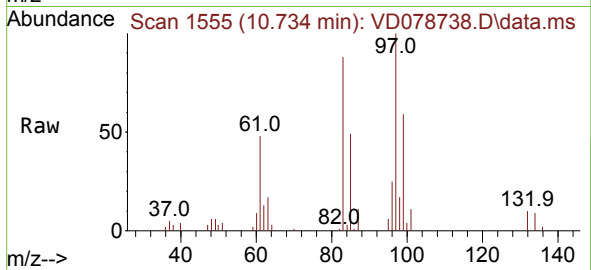
Ion Ratio Lower Upper

97 100

83 87.6 68.1 102.1

85 48.7 48.2 72.2

99 59.1 48.7 73.1



#56

Ethyl methacrylate

Concen: 20.548 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

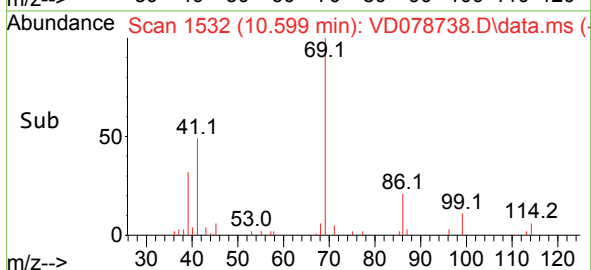
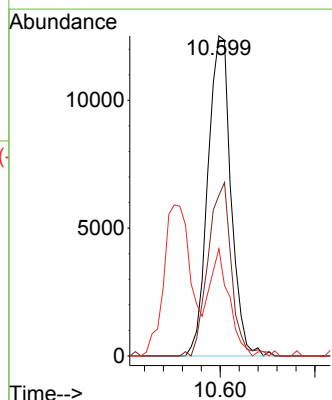
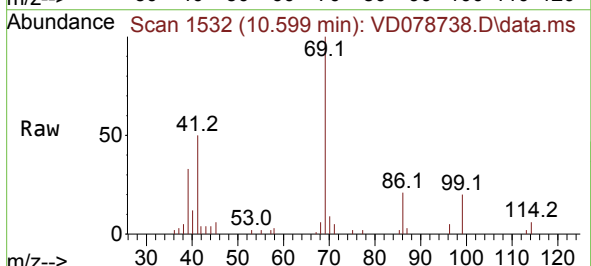
Tgt Ion: 69 Resp: 21177

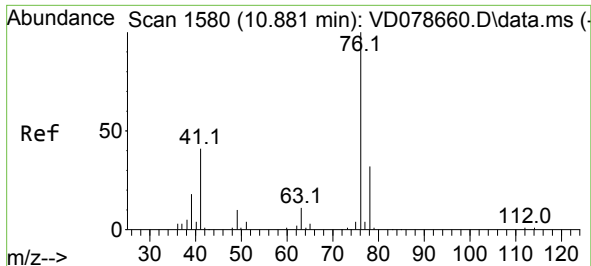
Ion Ratio Lower Upper

69 100

41 54.9 40.9 61.3

39 26.4 25.5 38.3





#57

1,3-Dichloropropane

Concen: 21.563 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

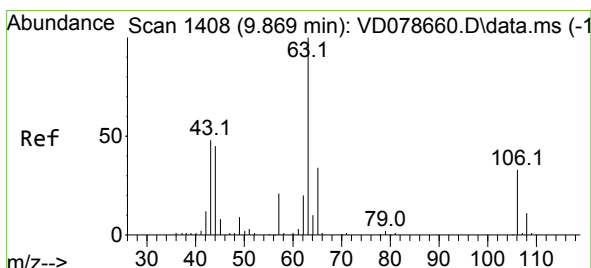
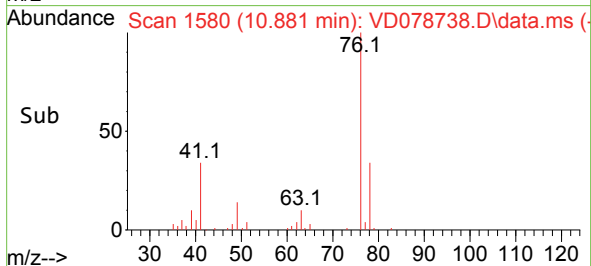
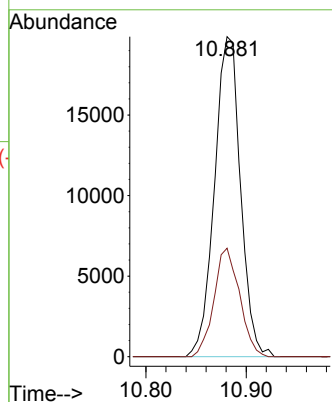
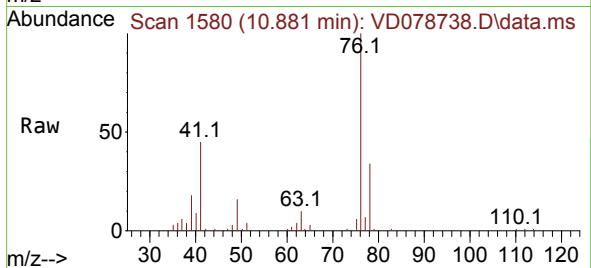
VD0322SBSD01

Tgt Ion: 76 Resp: 35770

Ion Ratio Lower Upper

76 100

78 33.4 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 98.005 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078738.D

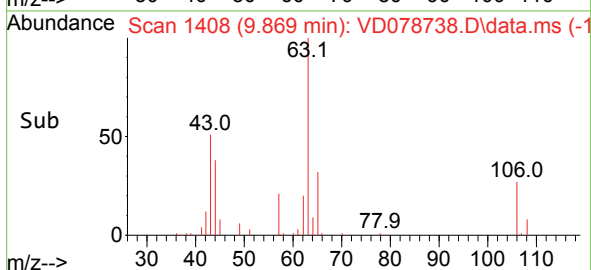
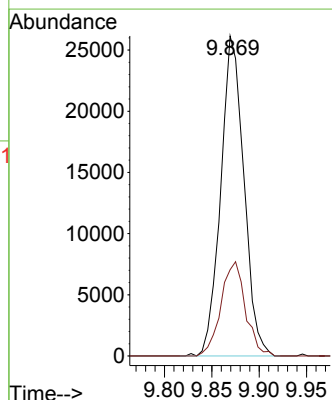
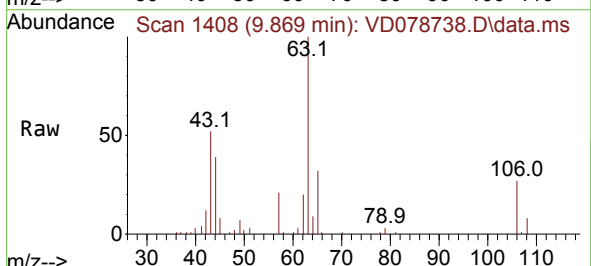
Acq: 22 Mar 2024 13:03

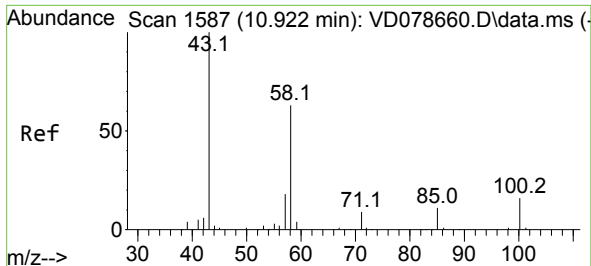
Tgt Ion: 63 Resp: 44537

Ion Ratio Lower Upper

63 100

106 31.1 25.2 37.8

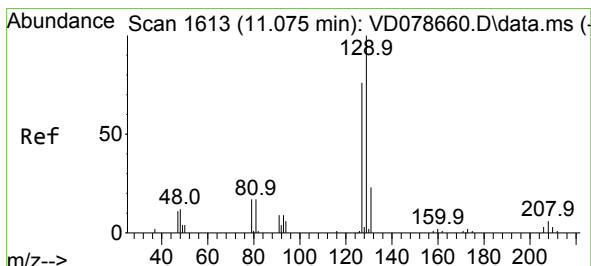
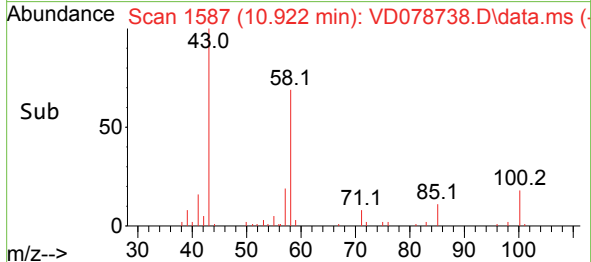
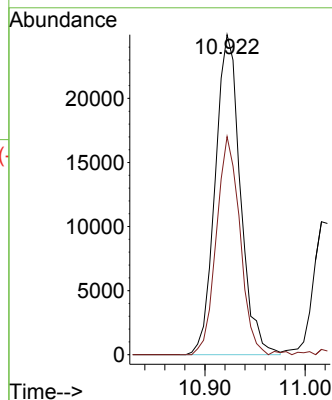
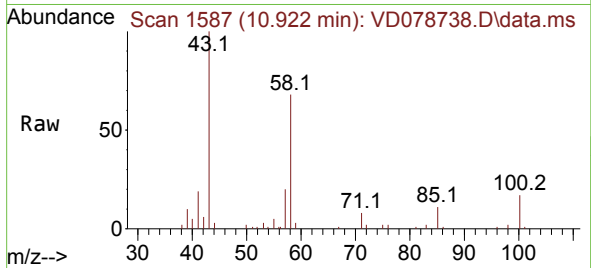




#59
2-Hexanone
Concen: 105.781 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

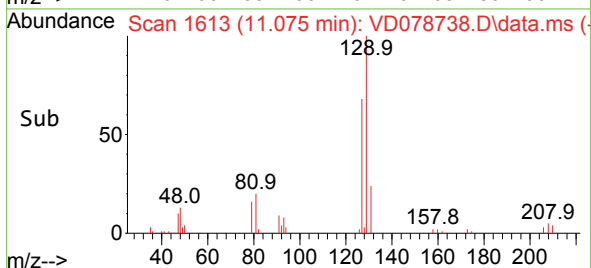
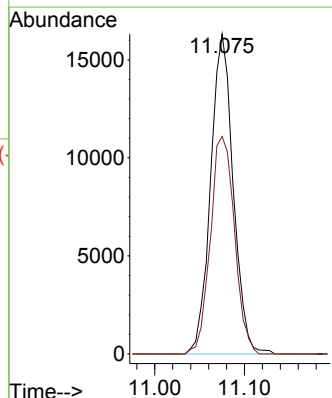
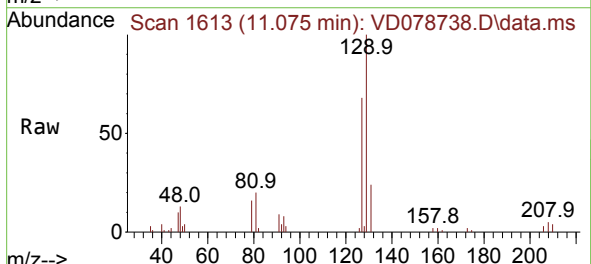
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01

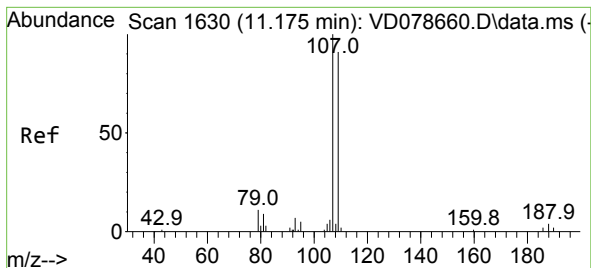
Tgt Ion: 43 Resp: 43499
Ion Ratio Lower Upper
43 100
58 63.6 31.5 94.5



#60
Dibromochloromethane
Concen: 22.473 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion: 129 Resp: 28492
Ion Ratio Lower Upper
129 100
127 72.6 38.8 116.3

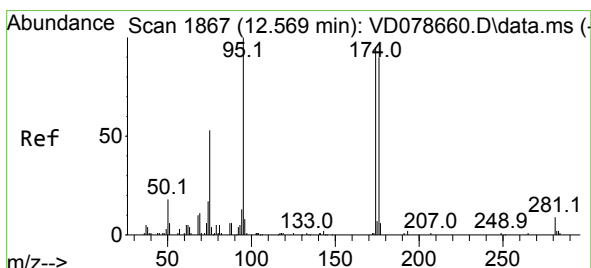
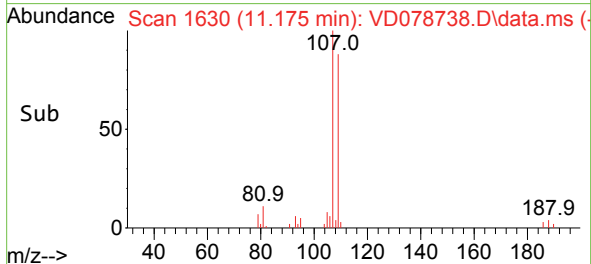
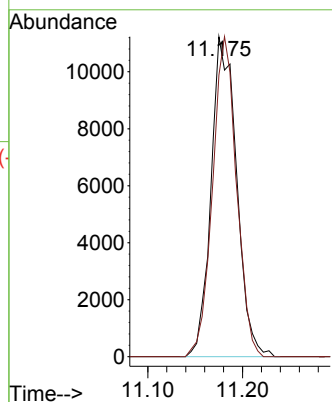
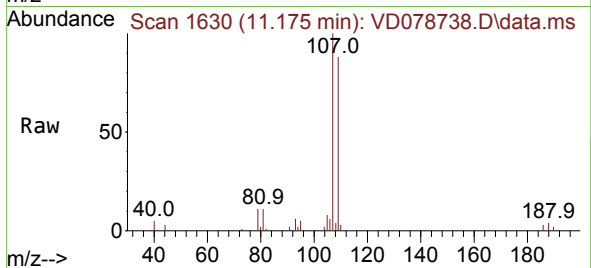




#61
1,2-Dibromoethane
Concen: 21.073 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

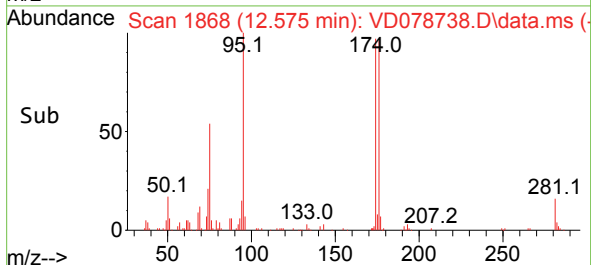
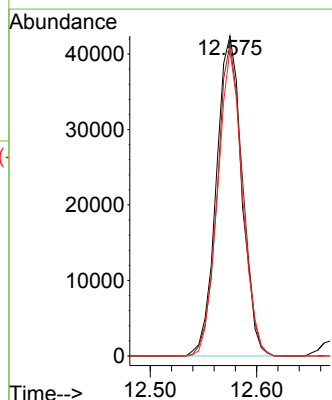
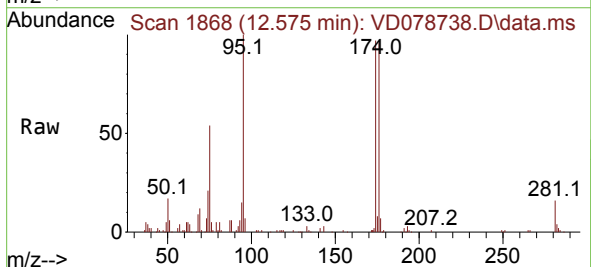
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01

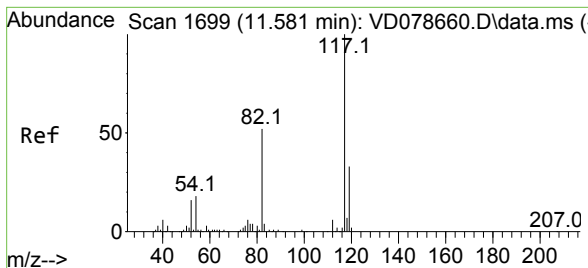
Tgt Ion:107 Resp: 20966
Ion Ratio Lower Upper
107 100
109 94.2 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 53.151 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion: 95 Resp: 70392
Ion Ratio Lower Upper
95 100
174 96.6 0.0 195.2
176 92.4 0.0 188.2

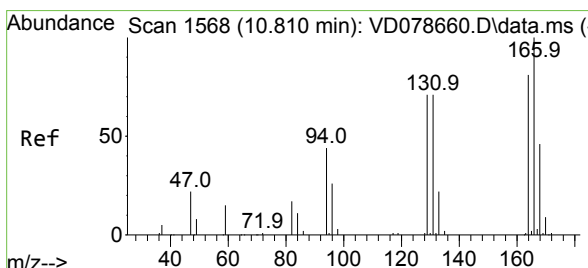
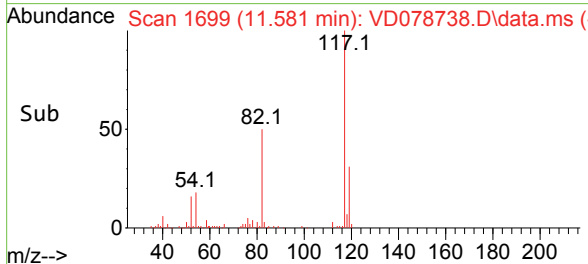
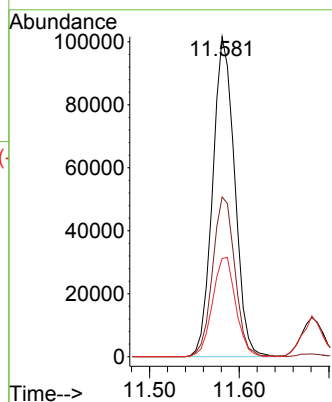
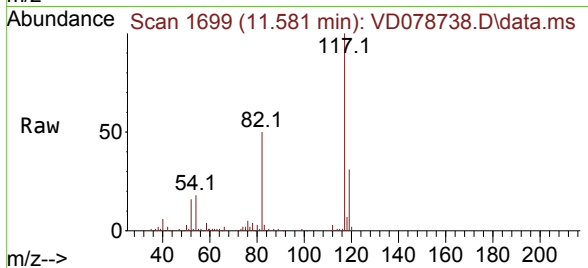




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

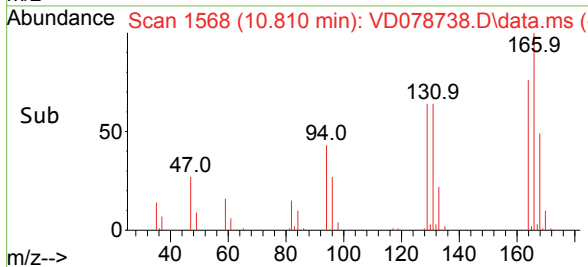
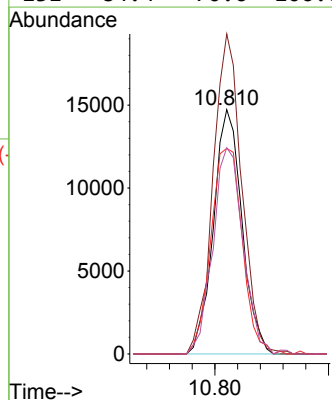
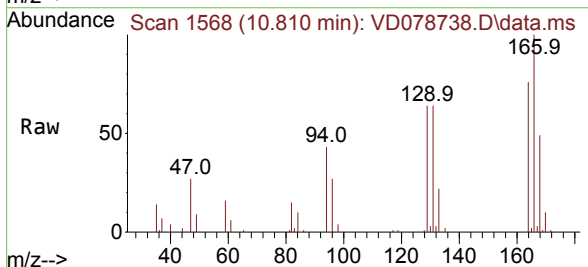
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBS01

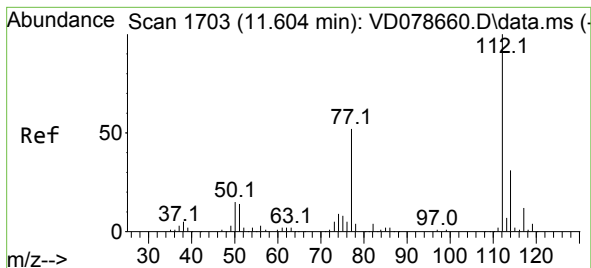
Tgt Ion:117 Resp: 172558
Ion Ratio Lower Upper
117 100
82 49.9 41.4 62.2
119 30.7 26.5 39.7



#64
Tetrachloroethene
Concen: 22.478 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion:164 Resp: 25668
Ion Ratio Lower Upper
164 100
166 130.9 98.9 148.3
129 84.1 70.3 105.5
131 84.4 70.6 106.0





#65

Chlorobenzene

Concen: 22.938 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

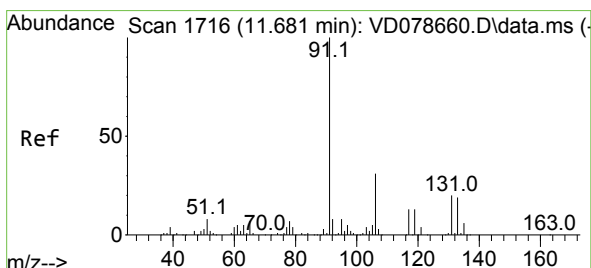
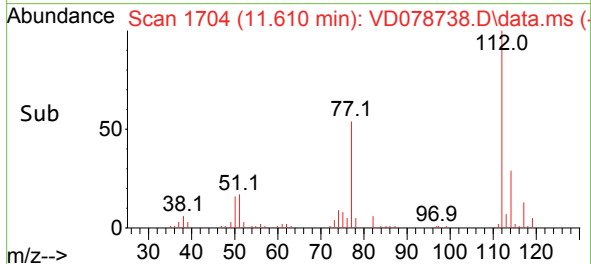
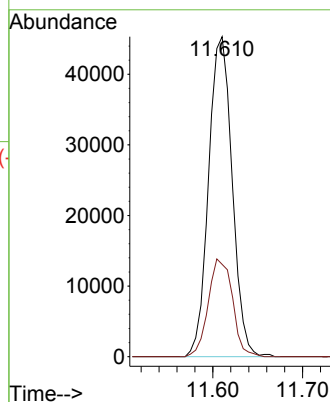
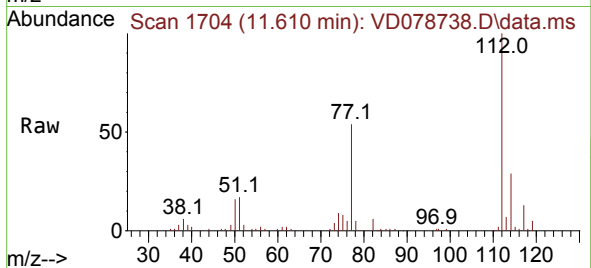
VD0322SBS01

Tgt Ion:112 Resp: 82712

Ion Ratio Lower Upper

112 100

114 28.8 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.708 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

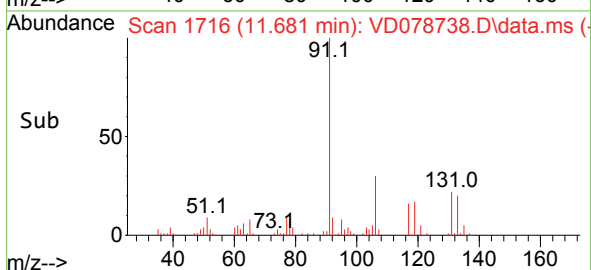
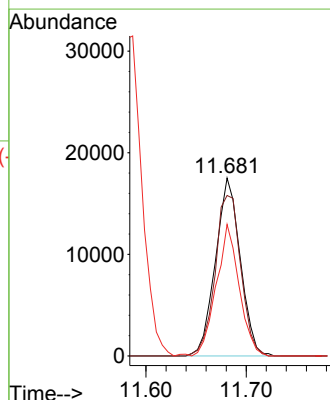
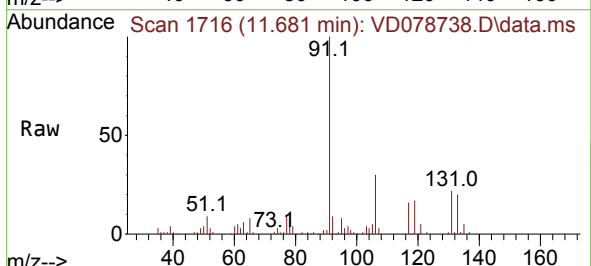
Tgt Ion:131 Resp: 29988

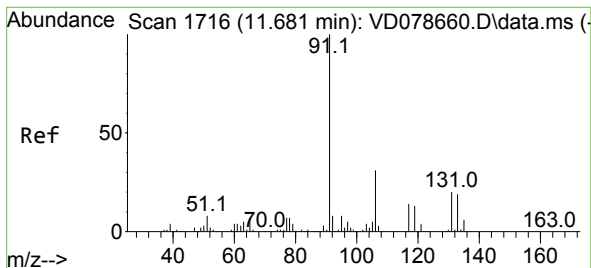
Ion Ratio Lower Upper

131 100

133 93.9 47.6 142.9

119 68.5 34.1 102.3





#67

Ethyl Benzene

Concen: 22.853 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

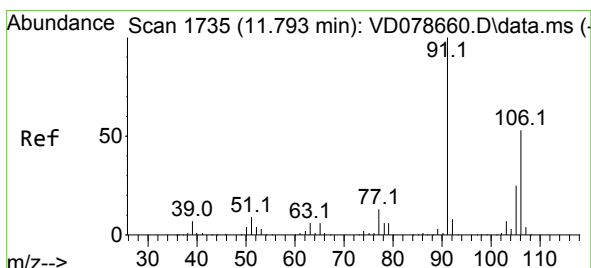
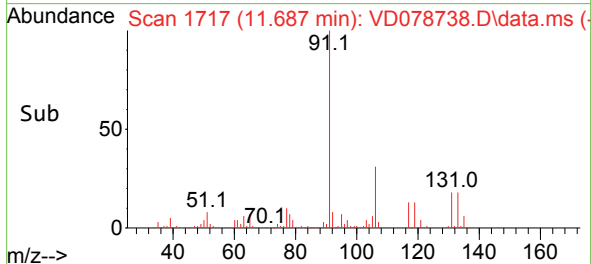
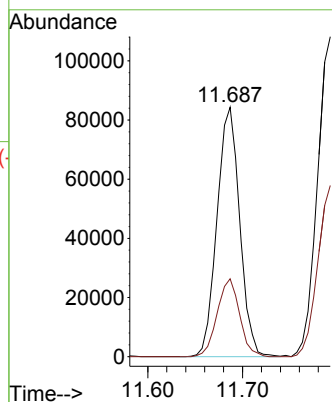
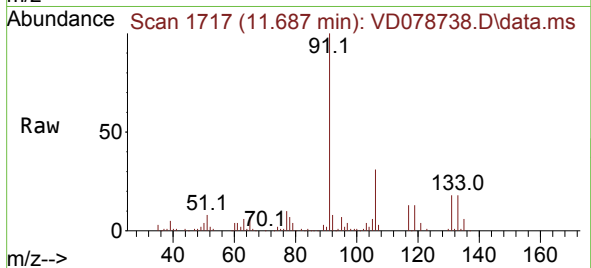
VD0322SBSD01

Tgt Ion: 91 Resp: 140427

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 45.516 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078738.D

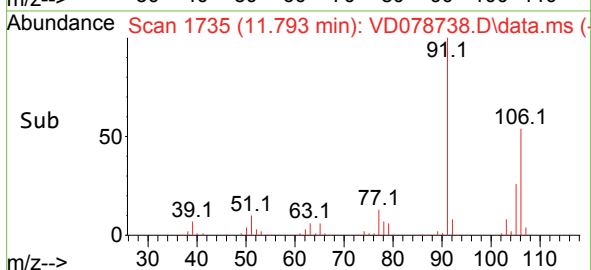
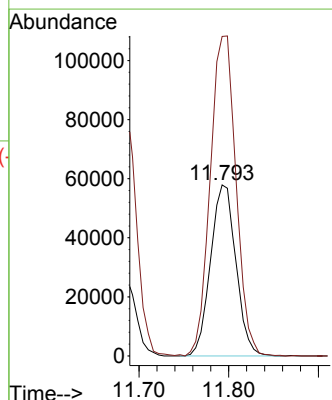
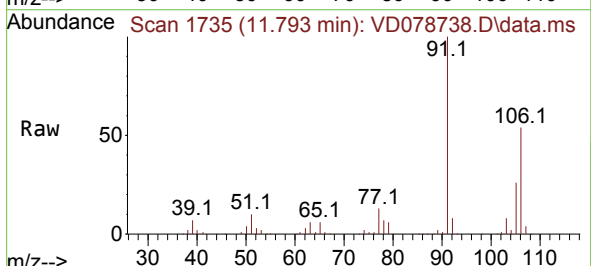
Acq: 22 Mar 2024 13:03

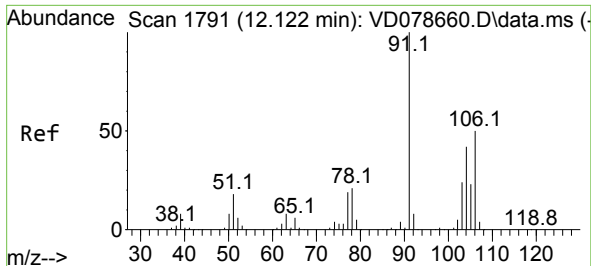
Tgt Ion:106 Resp: 113571

Ion Ratio Lower Upper

106 100

91 190.5 154.4 231.6

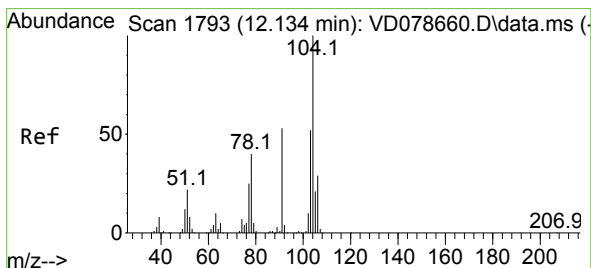
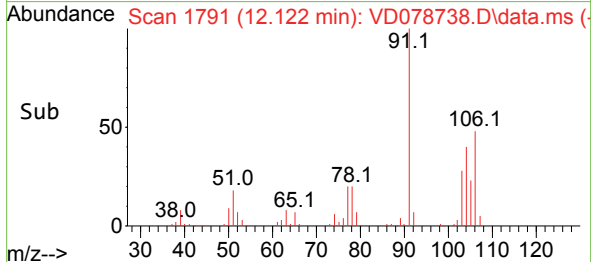
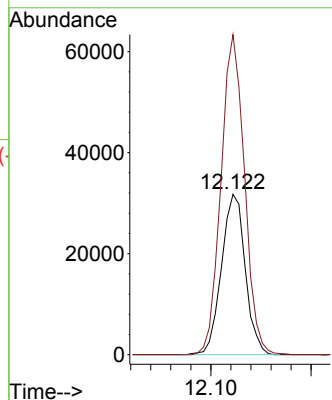
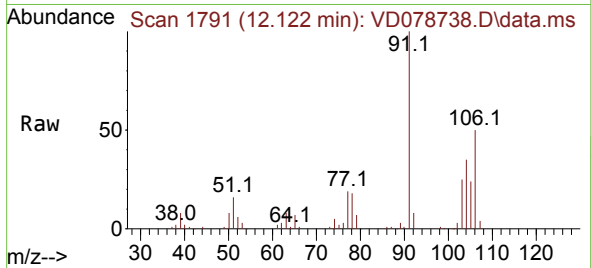




#69
o-Xylene
Concen: 22.598 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

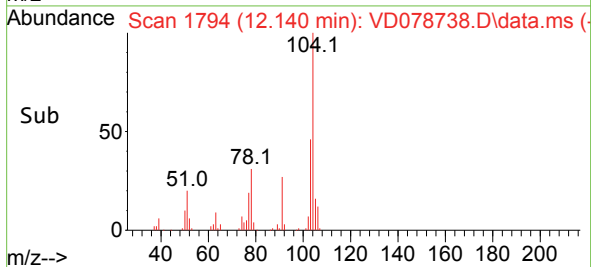
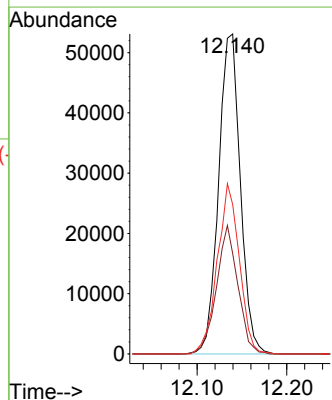
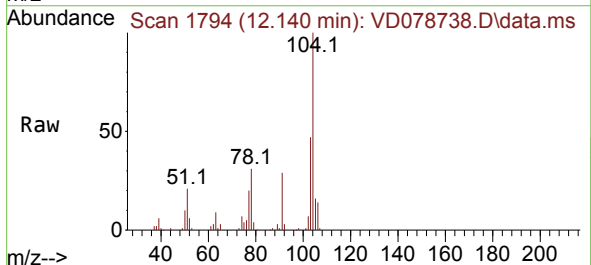
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01

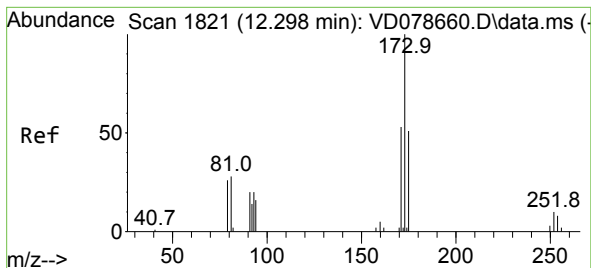
Tgt Ion:106 Resp: 52170
Ion Ratio Lower Upper
106 100
91 197.6 99.6 298.7



#70
Styrene
Concen: 23.062 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion:104 Resp: 89364
Ion Ratio Lower Upper
104 100
78 39.5 34.6 52.0
103 53.9 44.2 66.2





#71

Bromoform

Concen: 22.659 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBSD01

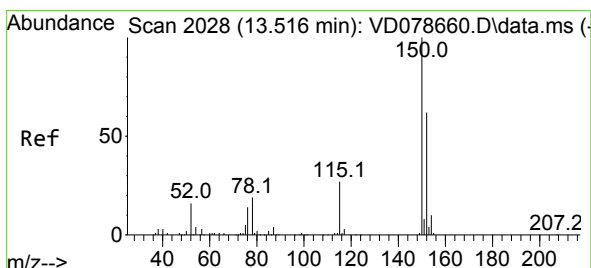
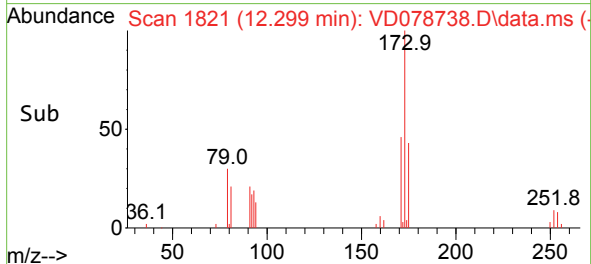
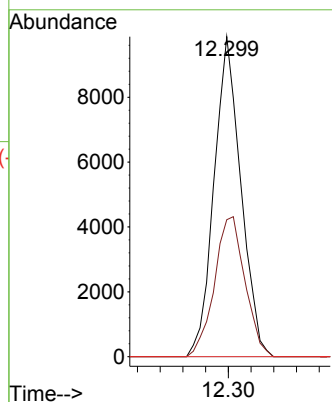
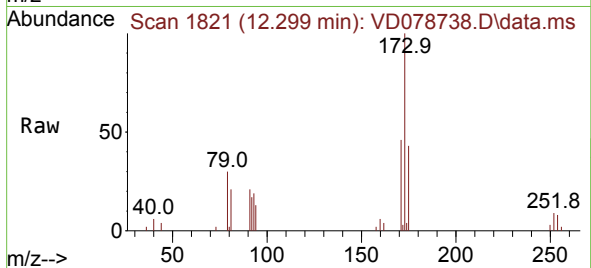
Tgt Ion:173 Resp: 16171

Ion Ratio Lower Upper

173 100

175 49.8 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: VD078738.D

Acq: 22 Mar 2024 13:03

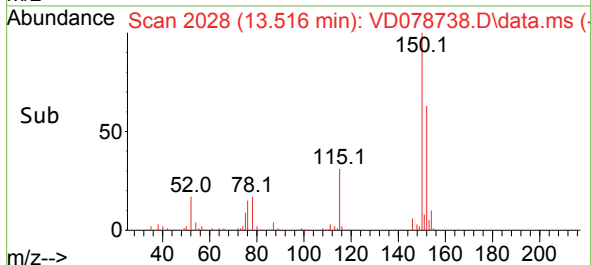
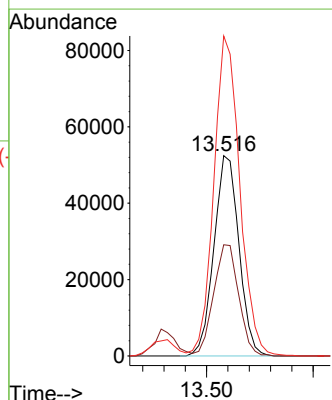
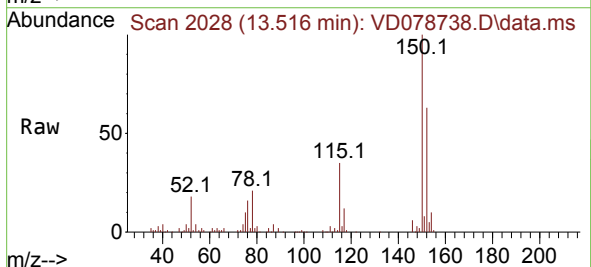
Tgt Ion:152 Resp: 85363

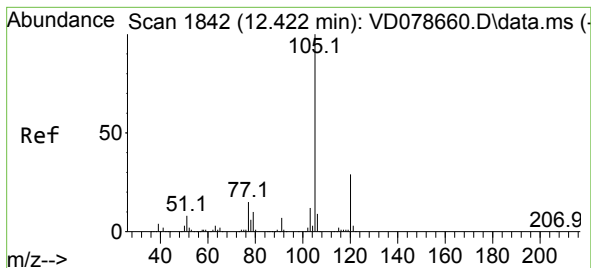
Ion Ratio Lower Upper

152 100

115 55.6 27.1 81.2

150 166.2 0.0 350.2





#73

Isopropylbenzene

Concen: 23.640 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

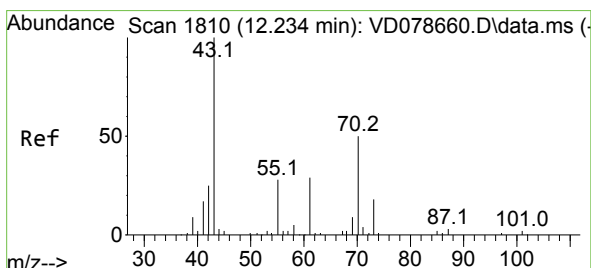
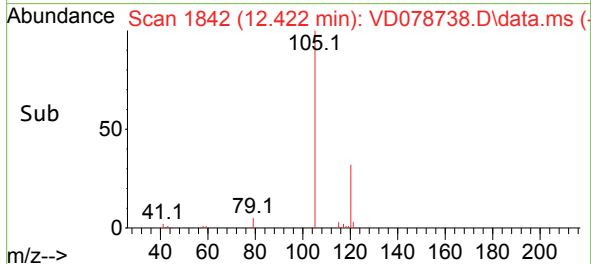
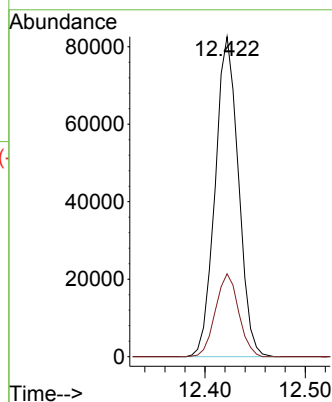
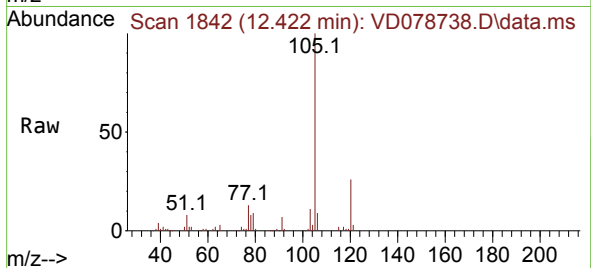
VD0322SBSD01

Tgt Ion:105 Resp: 132864

Ion Ratio Lower Upper

105 100

120 25.8 13.7 41.0



#74

N-ethyl acetate

Concen: 21.962 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Tgt Ion: 43 Resp: 20041

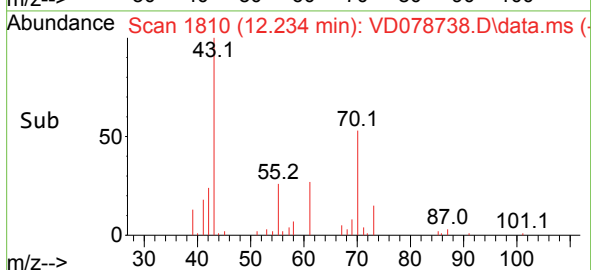
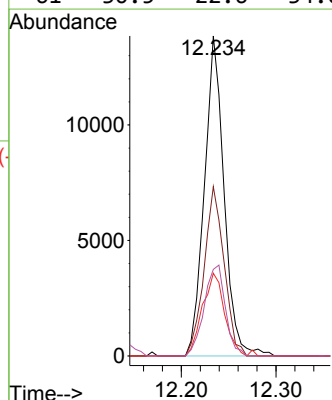
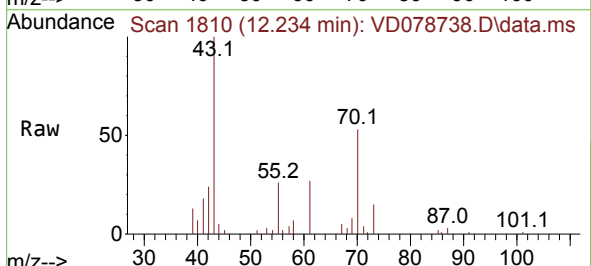
Ion Ratio Lower Upper

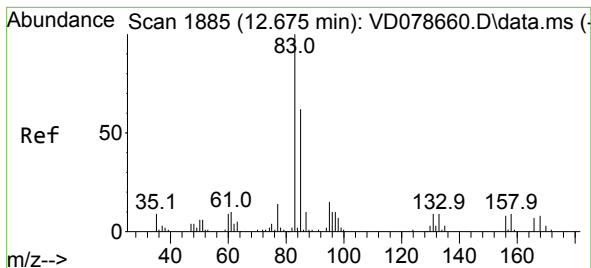
43 100

70 53.6 42.1 63.1

55 29.0 22.6 33.8

61 30.5 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.801 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBS01

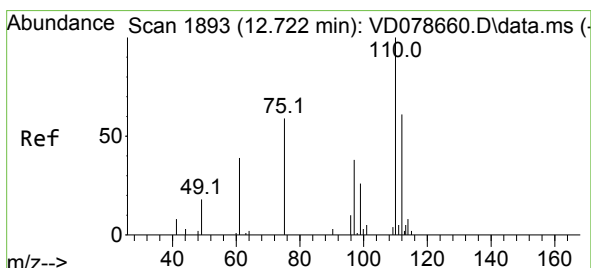
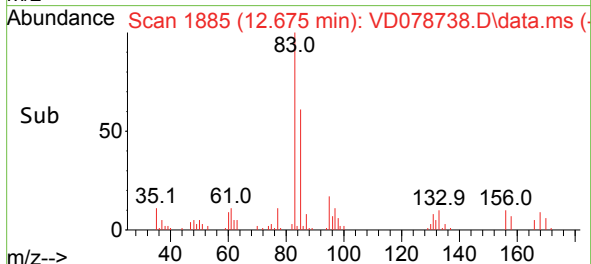
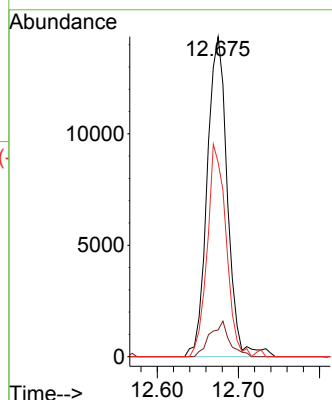
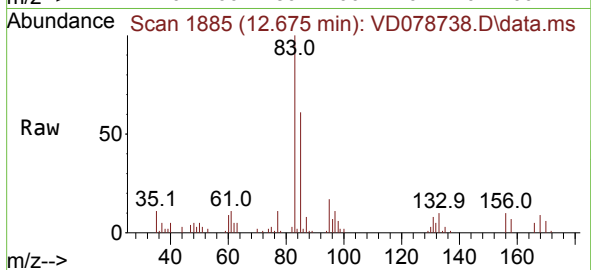
Tgt Ion: 83 Resp: 24763

Ion Ratio Lower Upper

83 100

131 10.7 4.9 14.7

85 61.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 42.149 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078738.D

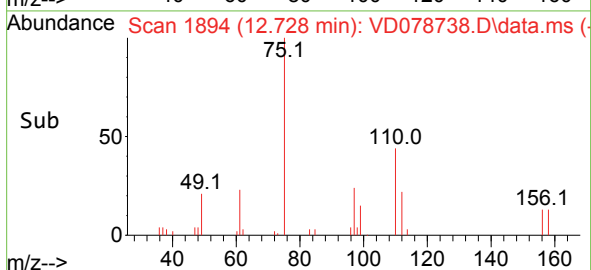
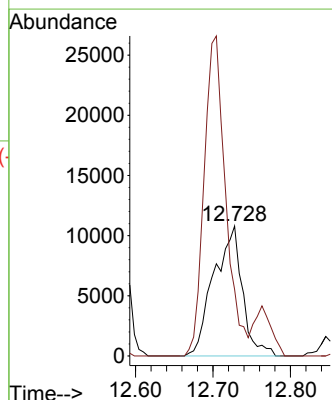
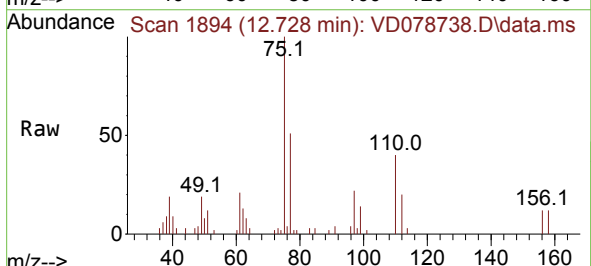
Acq: 22 Mar 2024 13:03

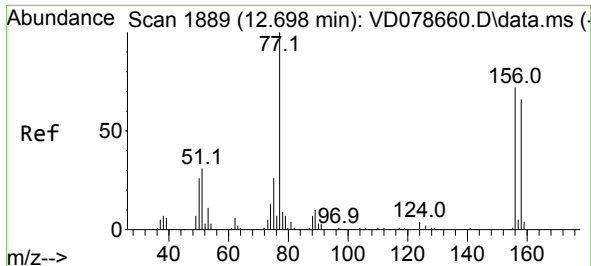
Tgt Ion: 75 Resp: 27720

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

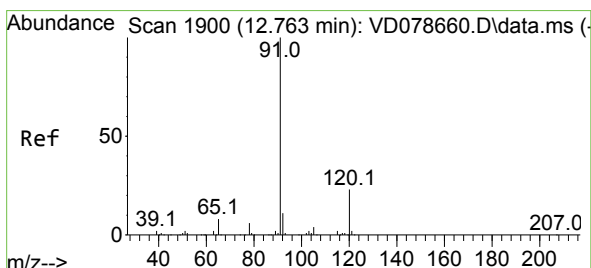
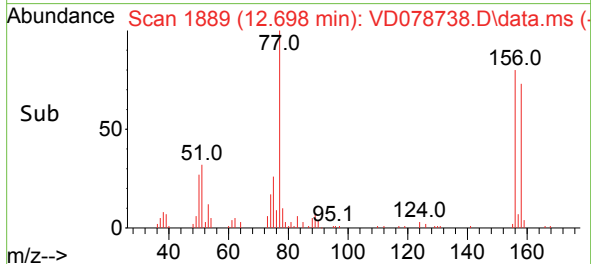
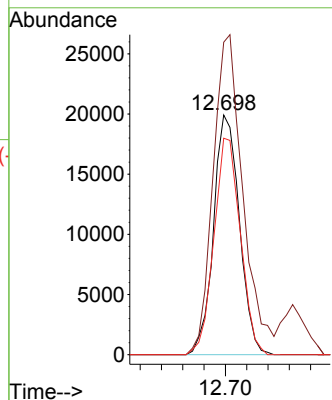
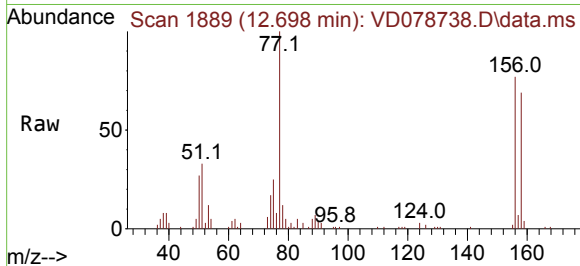




#77
Bromobenzene
Concen: 24.070 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

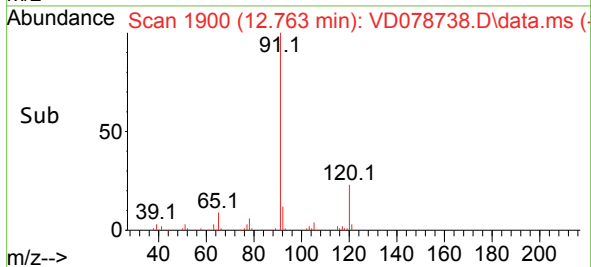
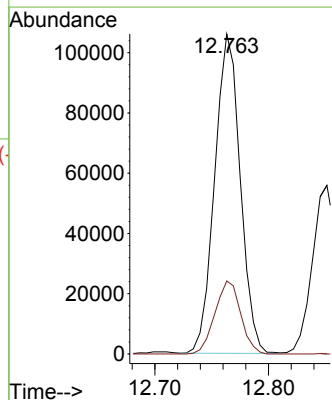
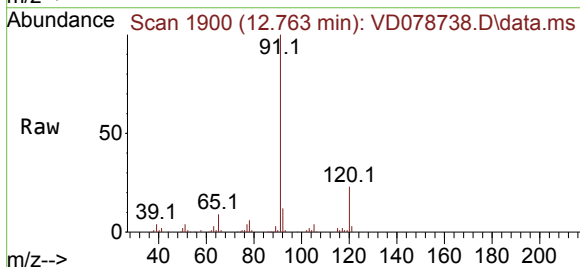
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01

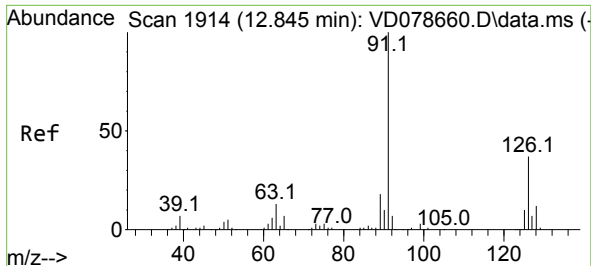
Tgt Ion:156 Resp: 33549
Ion Ratio Lower Upper
156 100
77 153.8 79.1 237.3
158 92.5 47.0 141.0



#78
n-propylbenzene
Concen: 24.211 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion: 91 Resp: 165631
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.1





#79

2-Chlorotoluene

Concen: 23.801 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VD078738.D

Acq: 22 Mar 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

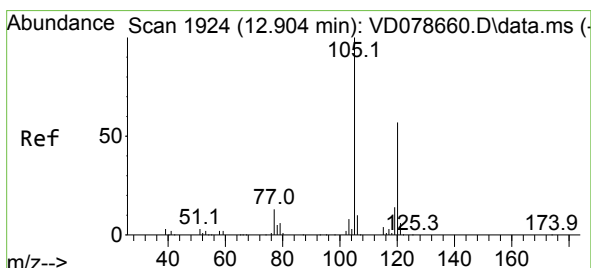
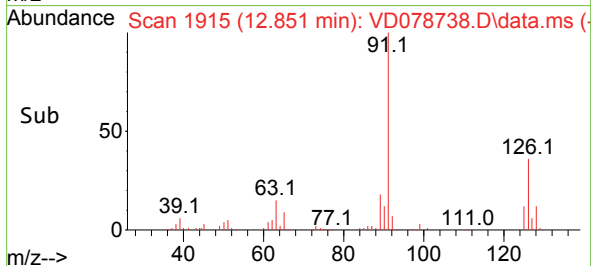
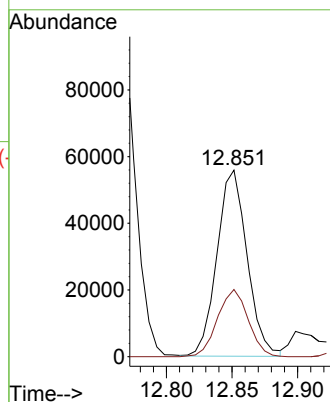
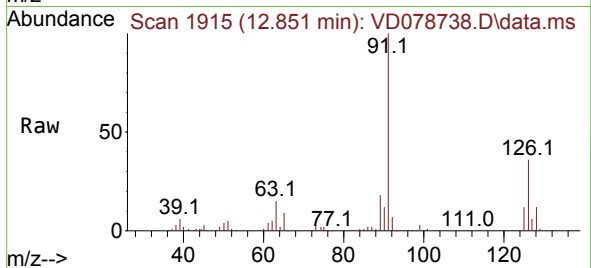
VD0322SBSD01

Tgt Ion: 91 Resp: 89326

Ion Ratio Lower Upper

91 100

126 36.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 24.339 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078738.D

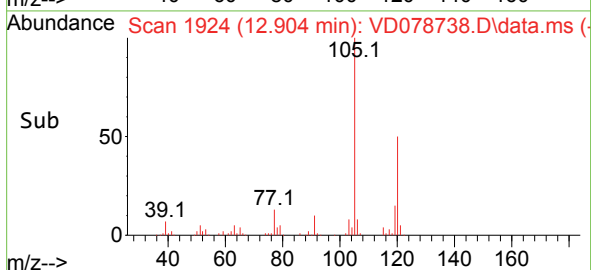
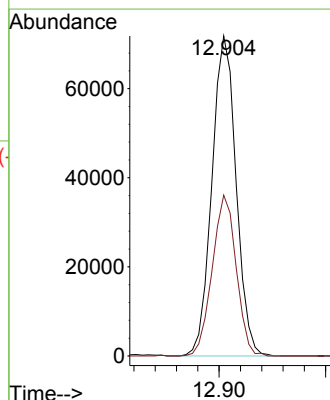
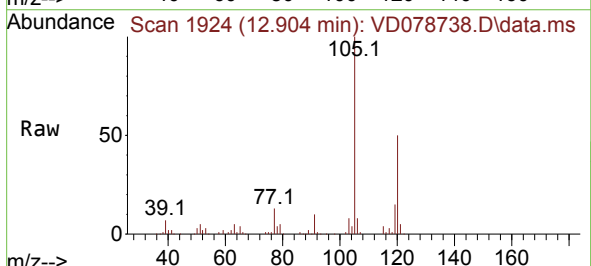
Acq: 22 Mar 2024 13:03

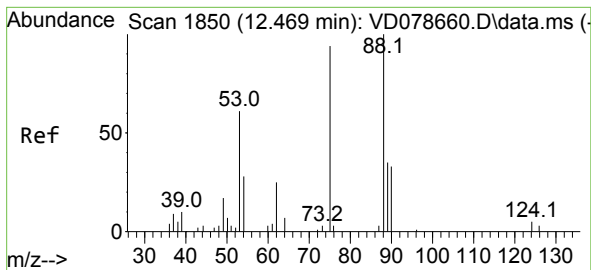
Tgt Ion: 105 Resp: 113123

Ion Ratio Lower Upper

105 100

120 49.7 25.9 77.7

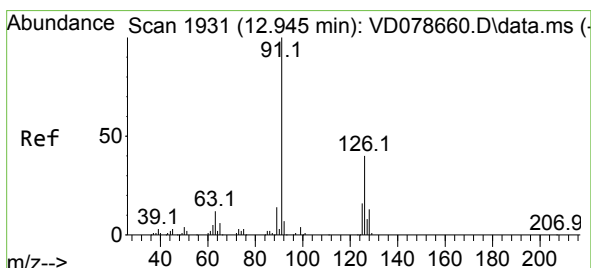
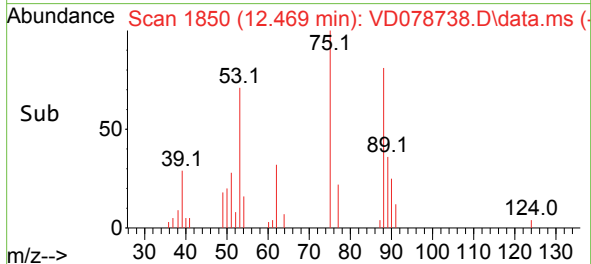
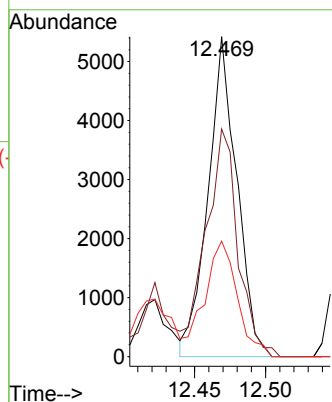
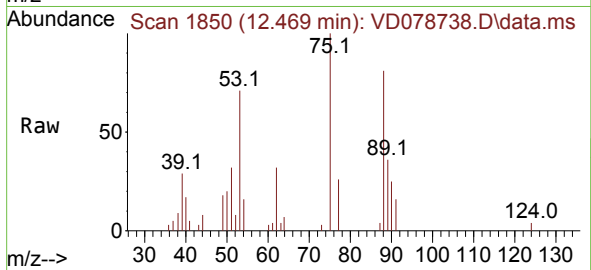




#81
trans-1,4-Dichloro-2-butene
Concen: 24.338 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

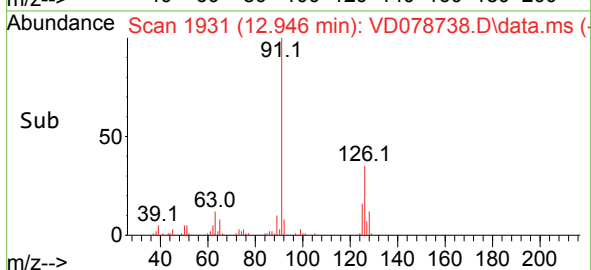
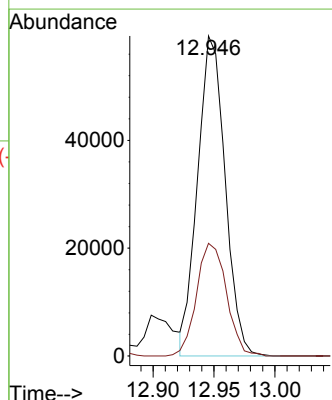
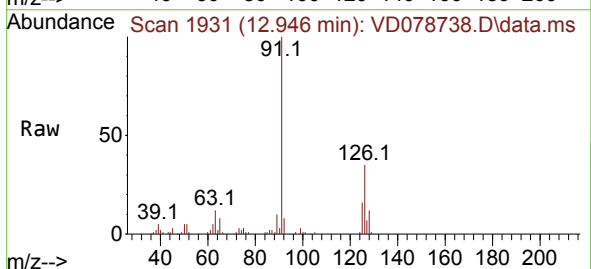
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01

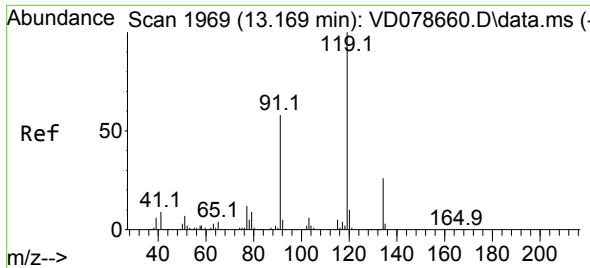
Tgt Ion: 75 Resp: 7636
Ion Ratio Lower Upper
75 100
53 79.0 61.0 91.6
89 41.3 35.4 53.0



#82
4-Chlorotoluene
Concen: 23.519 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion: 91 Resp: 93359
Ion Ratio Lower Upper
91 100
126 38.3 18.9 56.5

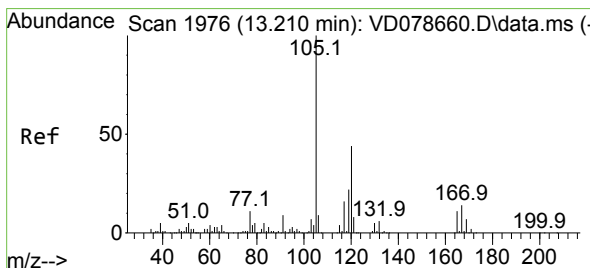
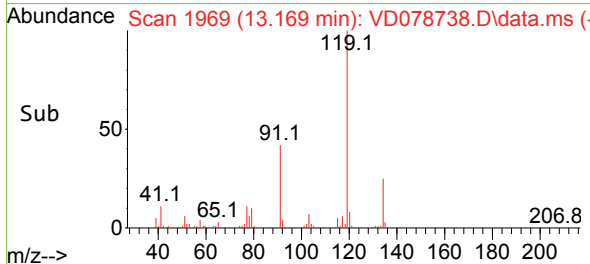
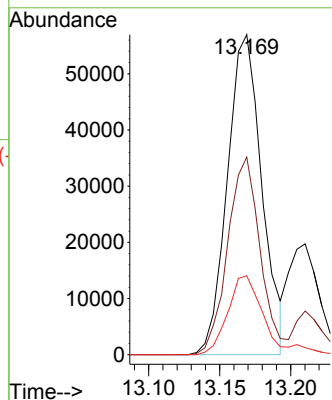
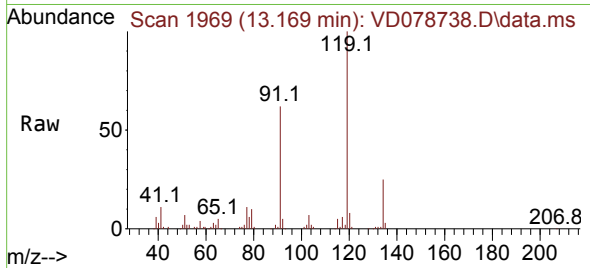




#83
 tert-Butylbenzene
 Concen: 24.031 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD078738.D
 Acq: 22 Mar 2024 13:03

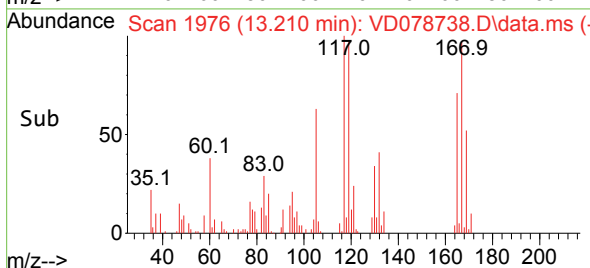
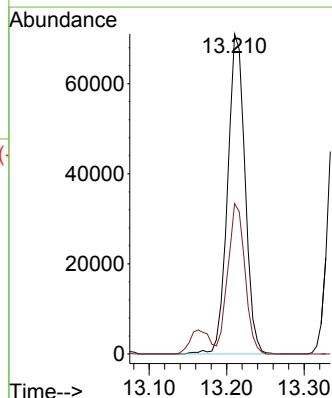
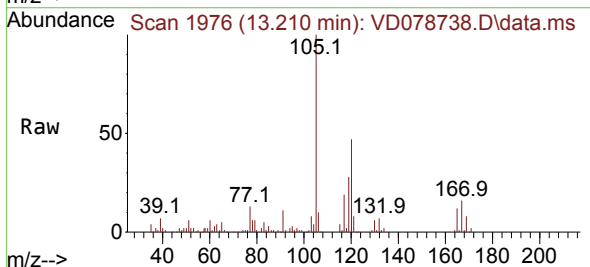
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBSD01

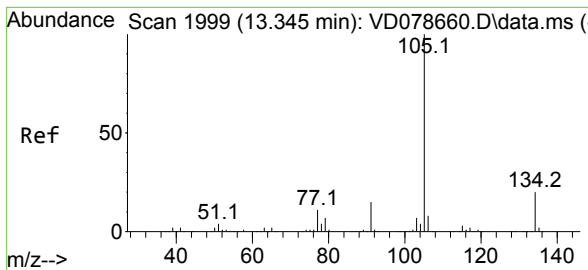
Tgt Ion:	119	Resp:	96305
Ion Ratio	Lower	Upper	
119	100		
91	58.8	28.9	86.7
134	26.1	13.6	40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 23.699 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD078738.D
 Acq: 22 Mar 2024 13:03

Tgt Ion:	105	Resp:	111002
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.1	69.2

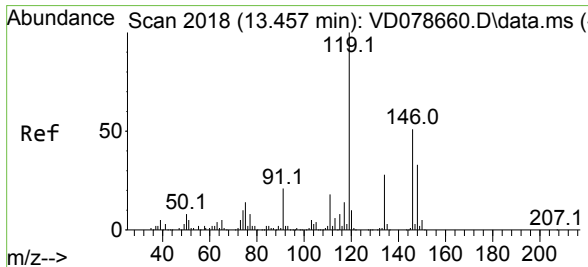
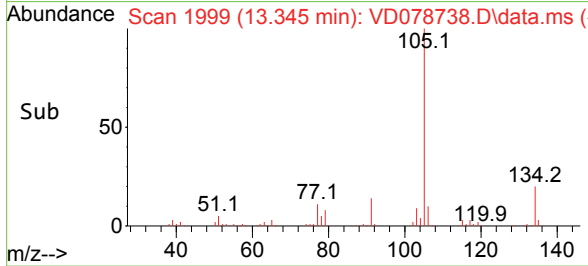
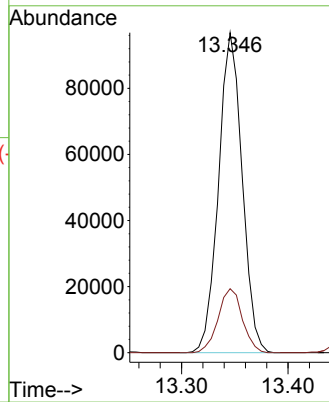
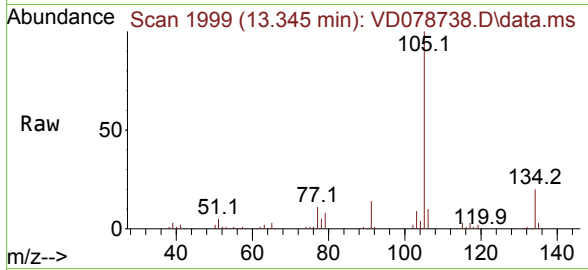




#85
 sec-Butylbenzene
 Concen: 24.533 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078738.D
 Acq: 22 Mar 2024 13:03

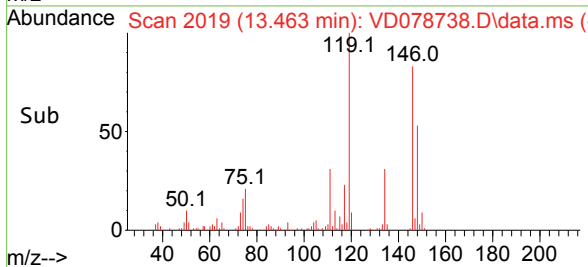
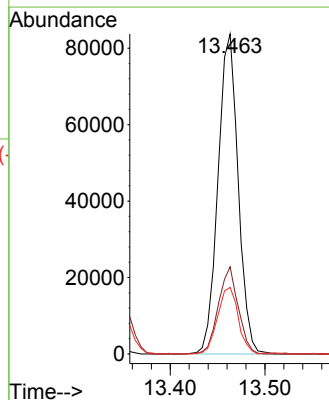
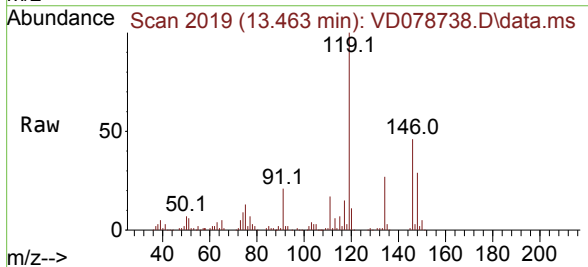
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBSD01

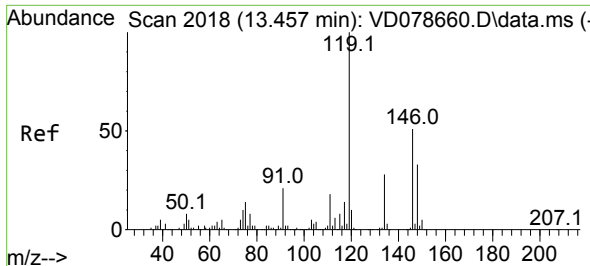
Tgt Ion:105 Resp: 148783
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 23.852 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078738.D
 Acq: 22 Mar 2024 13:03

Tgt Ion:119 Resp: 123834
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.5
 91 21.5 10.4 31.2

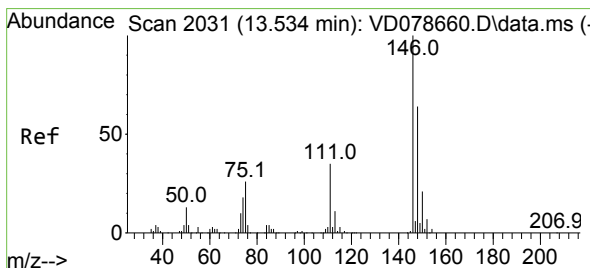
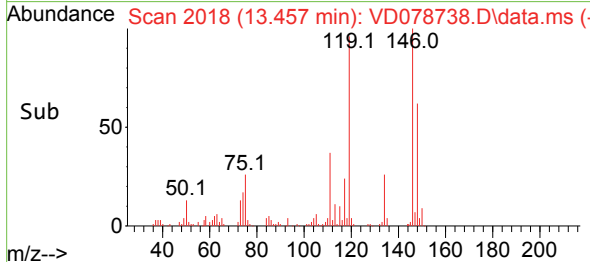
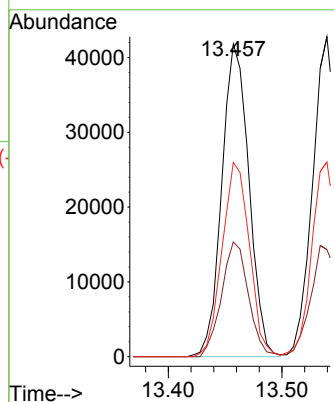
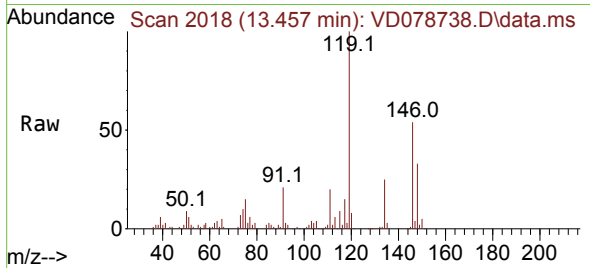




#87
1,3-Dichlorobenzene
Concen: 23.597 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

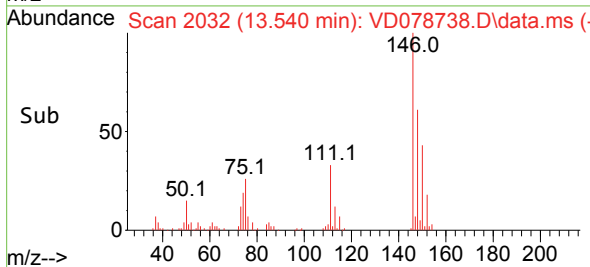
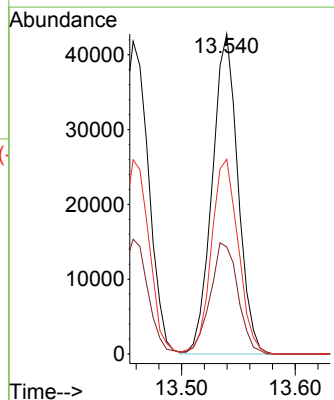
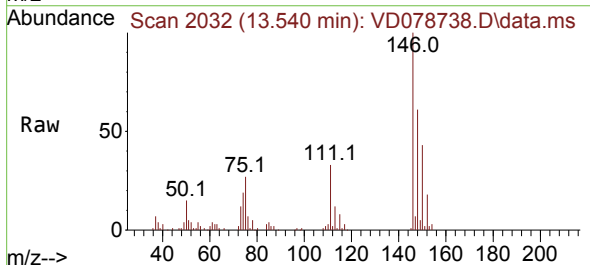
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01

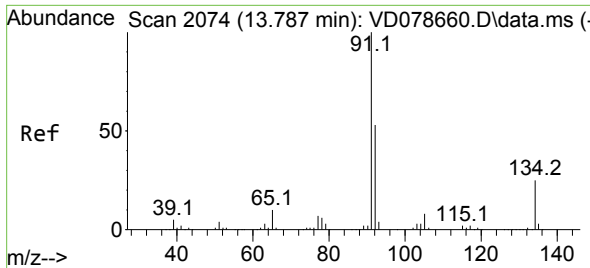
Tgt Ion:146 Resp: 69406
Ion Ratio Lower Upper
146 100
111 36.4 18.2 54.6
148 62.7 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 23.243 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion:146 Resp: 67377
Ion Ratio Lower Upper
146 100
111 37.4 17.8 53.3
148 63.5 32.4 97.0

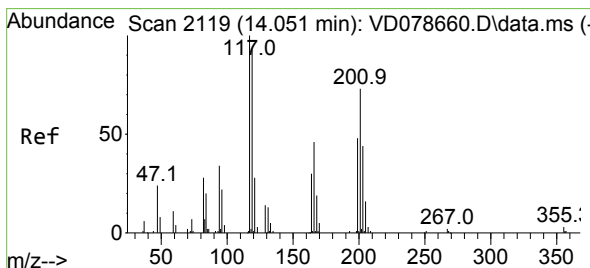
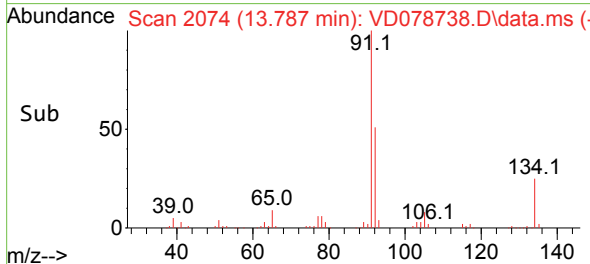
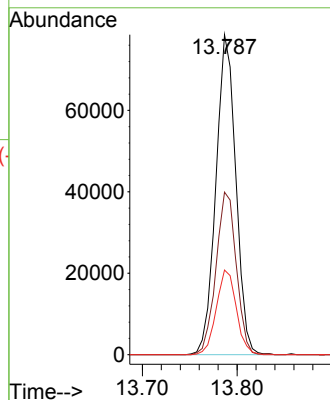
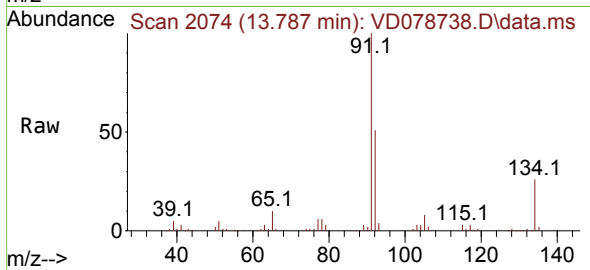




#89
n-Butylbenzene
Concen: 24.496 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

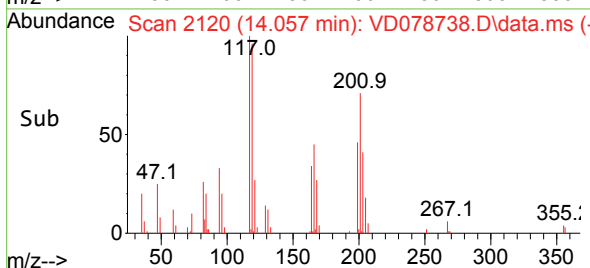
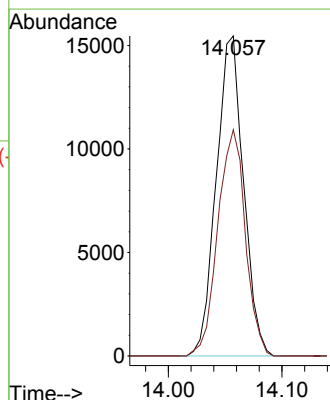
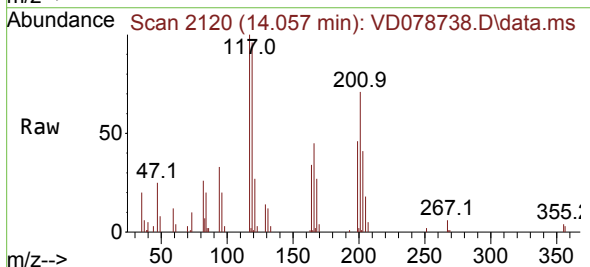
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01

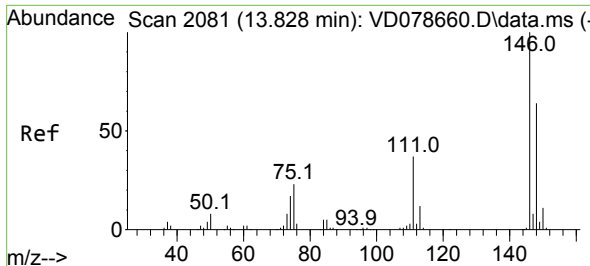
Tgt Ion: 91 Resp: 114857
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.0
134 26.6 13.0 38.9



#90
Hexachloroethane
Concen: 23.991 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion: 117 Resp: 25773
Ion Ratio Lower Upper
117 100
201 71.4 36.2 108.6

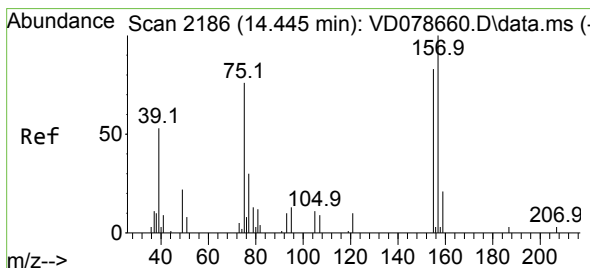
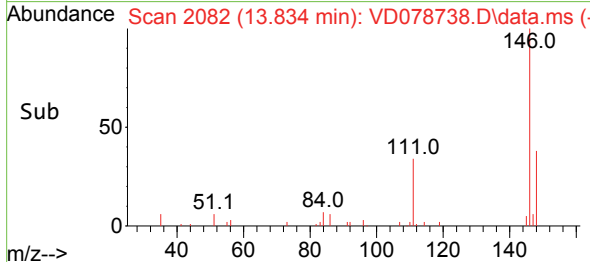
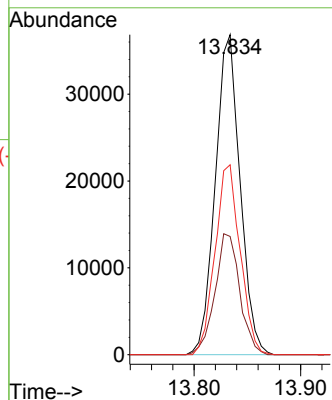
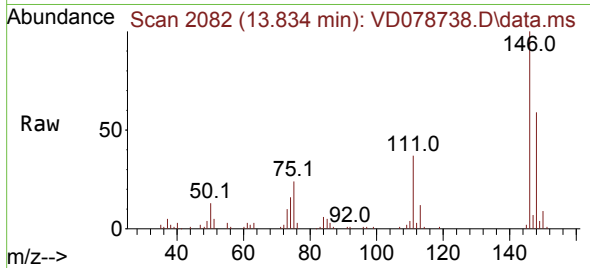




#91
1,2-Dichlorobenzene
Concen: 23.495 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

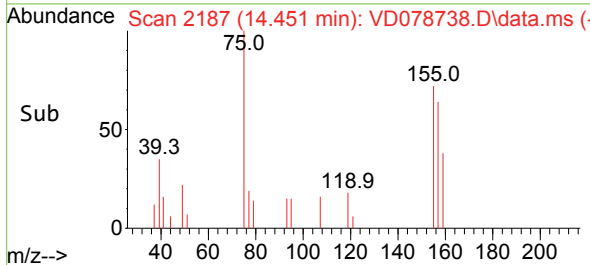
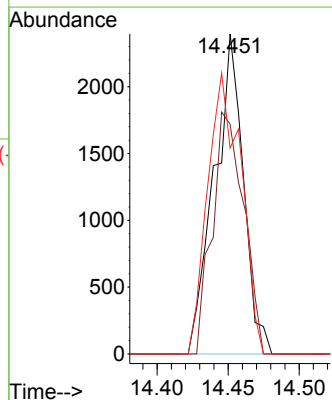
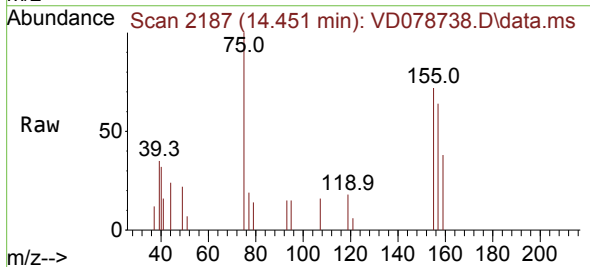
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD01

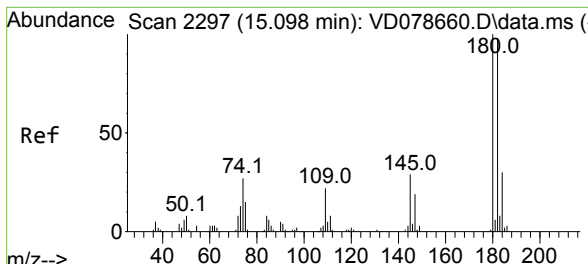
Tgt Ion:146 Resp: 59520
Ion Ratio Lower Upper
146 100
111 37.9 18.6 56.0
148 60.1 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.464 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078738.D
Acq: 22 Mar 2024 13:03

Tgt Ion: 75 Resp: 3405
Ion Ratio Lower Upper
75 100
155 81.7 49.8 149.3
157 100.9 65.5 196.3

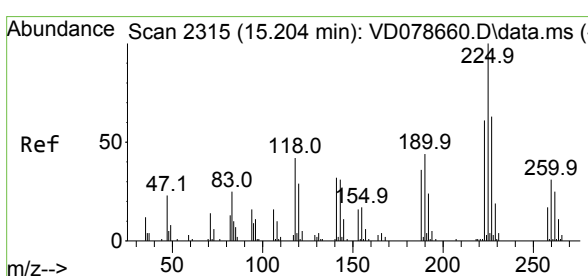
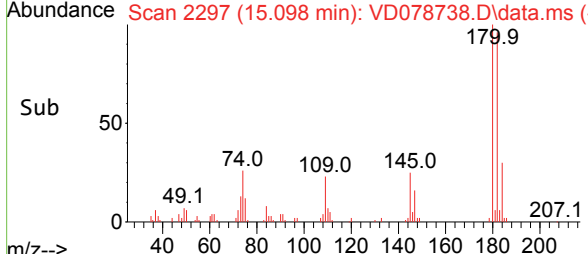
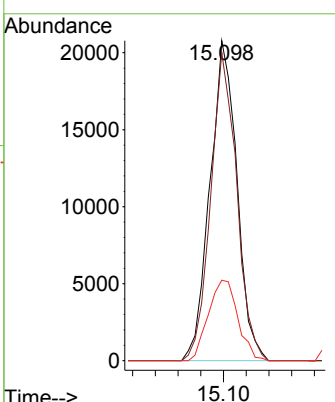
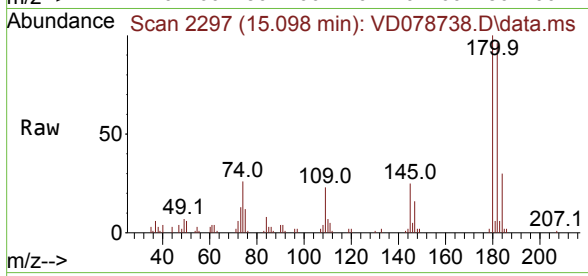




#93
 1,2,4-Trichlorobenzene
 Concen: 23.188 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD078738.D
 Acq: 22 Mar 2024 13:03

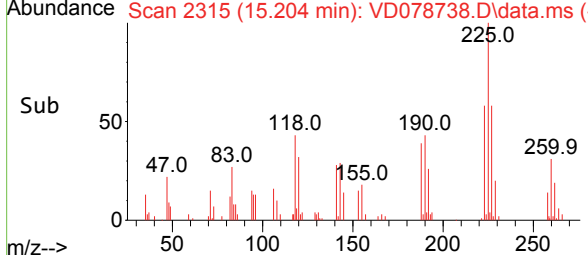
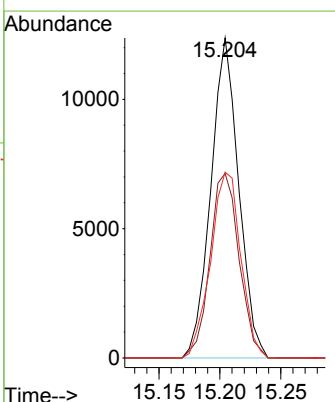
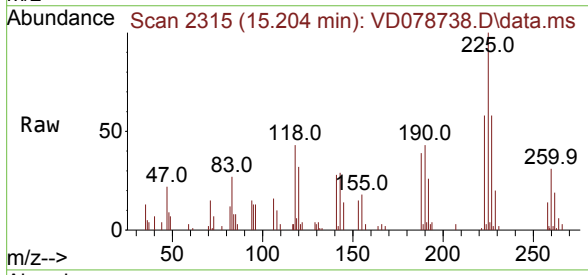
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBSD01

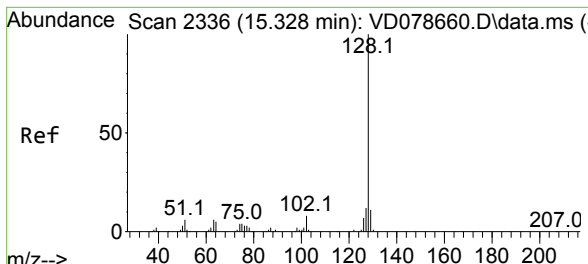
Tgt Ion:	180	Resp:	34282
Ion Ratio	Lower	Upper	
180	100		
182	92.7	49.7	149.1
145	27.5	14.6	44.0



#94
 Hexachlorobutadiene
 Concen: 24.599 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078738.D
 Acq: 22 Mar 2024 13:03

Tgt Ion:	225	Resp:	19689
Ion Ratio	Lower	Upper	
225	100		
223	60.4	31.9	95.7
227	62.9	32.0	96.0

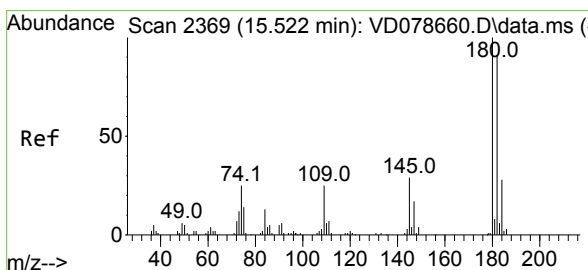
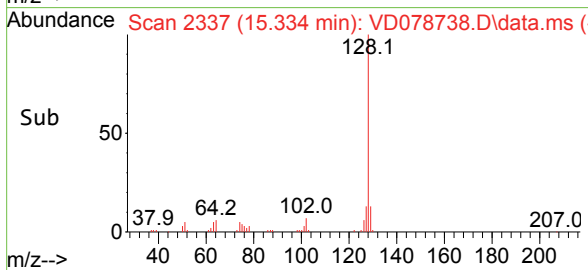
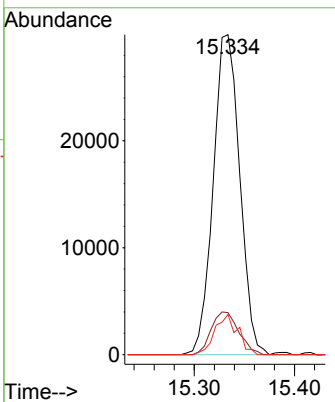
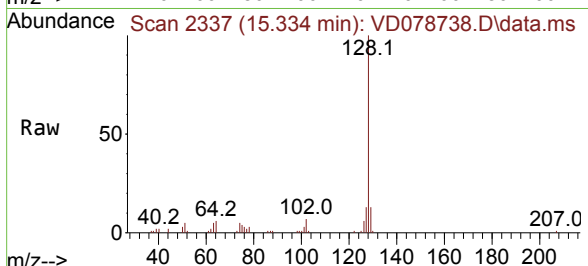




#95
 Naphthalene
 Concen: 21.369 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078738.D
 Acq: 22 Mar 2024 13:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBSD01

Tgt Ion:	128	Resp:	54928
Ion Ratio	Lower	Upper	
128	100		
127	13.2	9.3	13.9
129	12.5	8.9	13.3



#96
 1,2,3-Trichlorobenzene
 Concen: 23.318 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD078738.D
 Acq: 22 Mar 2024 13:03

Tgt Ion:	180	Resp:	29824
Ion Ratio	Lower	Upper	
180	100		
182	91.1	46.7	140.1
145	31.2	14.4	43.4

