

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078192.D
 Acq On : 22 Jan 2024 12:47
 Operator : RP/MD
 Sample : VSTDIC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 23 05:27:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:12:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	159207	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	278702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	259141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	123665	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	272302	149.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 299.640%#	
35) Dibromofluoromethane	7.810	113	279875	152.584	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 305.160%#	
50) Toluene-d8	10.269	98	1154001	158.890	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 317.780%#	
62) 4-Bromofluorobenzene	12.575	95	343585	163.126	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 326.260%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	217537	149.788	ug/l	97
3) Chloromethane	2.152	50	363572	149.861	ug/l	99
4) Vinyl Chloride	2.287	62	512050	135.632	ug/l	98
5) Bromomethane	2.675	94	389749	141.463	ug/l	99
6) Chloroethane	2.834	64	358462	135.930	ug/l	97
7) Trichlorofluoromethane	3.181	101	472247	137.522	ug/l	99
8) Diethyl Ether	3.593	74	145649	153.002	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.975	101	276391	138.966	ug/l	95
10) Methyl Iodide	4.169	142	331736	166.391	ug/l	91
11) Tert butyl alcohol	5.058	59	70154	784.047	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	281332	142.792	ug/l	86
13) Acrolein	3.799	56	164911	802.857	ug/l	100
14) Allyl chloride	4.564	41	383401	147.528	ug/l #	89
15) Acrylonitrile	5.258	53	323508	757.332	ug/l	99
16) Acetone	4.022	43	306188	750.946	ug/l	87
17) Carbon Disulfide	4.275	76	880096	137.758	ug/l	96
18) Methyl Acetate	4.569	43	240004	153.486	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	647797	157.670	ug/l	98
20) Methylene Chloride	4.805	84	310005	149.377	ug/l #	84
21) trans-1,2-Dichloroethene	5.316	96	326532	143.424	ug/l	88
22) Diisopropyl ether	6.216	45	834188	151.691	ug/l #	94
23) Vinyl Acetate	6.158	43	2113211	779.955	ug/l	93
24) 1,1-Dichloroethane	6.116	63	539683	142.025	ug/l	96
25) 2-Butanone	7.081	43	421477	756.828	ug/l #	85
26) 2,2-Dichloropropane	7.081	77	474427	149.041	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	369491	151.083	ug/l	92
28) Bromochloromethane	7.428	49	225448	152.118	ug/l #	77
29) Tetrahydrofuran	7.446	42	236587	789.034	ug/l	88
30) Chloroform	7.599	83	559417	144.759	ug/l	98
31) Cyclohexane	7.881	56	465355	138.479	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	492257	147.460	ug/l	98
36) 1,1-Dichloropropene	8.010	75	451529	149.695	ug/l	96
37) Ethyl Acetate	7.169	43	166318	148.114	ug/l #	93
38) Carbon Tetrachloride	7.993	117	445413	149.518	ug/l	99
39) Methylcyclohexane	9.275	83	563456	157.957	ug/l	95
40) Benzene	8.252	78	1310254	153.073	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	90873	150.396	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	333071	149.552	ug/l	95
43) Isopropyl Acetate	8.363	43	327661	159.272	ug/l #	89
44) Trichloroethene	9.028	130	330053	150.719	ug/l	91
45) 1,2-Dichloropropane	9.304	63	321341	151.289	ug/l	97
46) Dibromomethane	9.399	93	176045	150.924	ug/l	89
47) Bromodichloromethane	9.587	83	434199	148.185	ug/l	100
48) Methyl methacrylate	9.381	41	191594	160.862	ug/l #	78
49) 1,4-Dioxane	9.387	88	36779	3258.632	ug/l #	94
51) 4-Methyl-2-Pentanone	10.157	43	869725	804.522	ug/l	90
52) Toluene	10.334	92	848958	156.470	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	436850	161.605	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	512897	158.274	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	237268	152.016	ug/l	94
56) Ethyl methacrylate	10.598	69	218490	171.005	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	415920	155.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	667035	871.172	ug/l	95
59) 2-Hexanone	10.922	43	634611	722.400	ug/l	89
60) Dibromochloromethane	11.075	129	283522	154.072	ug/l	95
61) 1,2-Dibromoethane	11.181	107	228624	158.906	ug/l	99
64) Tetrachloroethene	10.810	164	253841	149.811	ug/l #	87
65) Chlorobenzene	11.610	112	871968	152.319	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	326023	159.367	ug/l	96
67) Ethyl Benzene	11.687	91	1699015	163.093	ug/l	96
68) m/p-Xylenes	11.793	106	1294012	325.237	ug/l	88
69) o-Xylene	12.122	106	597881	165.582	ug/l	90
70) Styrene	12.134	104	904443	167.159	ug/l	95
71) Bromoform	12.298	173	154893	152.891	ug/l #	99
73) Isopropylbenzene	12.422	105	1558406	160.273	ug/l	96
74) N-amyl acetate	12.234	43	302301	162.500	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	264686	146.293	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	345210	302.050	ug/l #	100
77) Bromobenzene	12.698	156	329996	154.793	ug/l	83
78) n-propylbenzene	12.763	91	1895577	157.182	ug/l	95
79) 2-Chlorotoluene	12.851	91	997092	154.933	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	1293003	160.373	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	89871	163.211	ug/l	95
82) 4-Chlorotoluene	12.945	91	1047281	154.375	ug/l	95
83) tert-Butylbenzene	13.169	119	1107183	164.275	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	1342853	164.686	ug/l	95
85) sec-Butylbenzene	13.345	105	1617959	158.541	ug/l	95
86) p-Isopropyltoluene	13.463	119	1480748	166.734	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	702559	159.171	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	665435	152.600	ug/l	98
89) n-Butylbenzene	13.787	91	1381324	159.775	ug/l	98
90) Hexachloroethane	14.051	117	269109	154.475	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	577914	155.706	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	38883	150.384	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	366957	159.943	ug/l	96
94) Hexachlorobutadiene	15.204	225	174302	157.216	ug/l	99
95) Naphthalene	15.334	128	751709	175.241	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	312199	162.189	ug/l	98

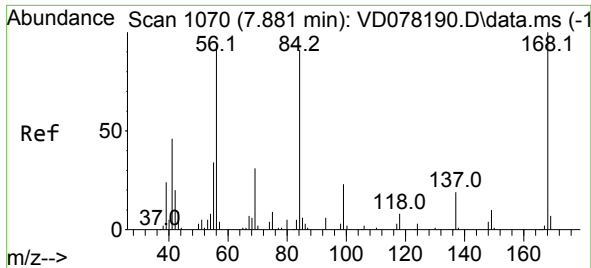
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
Data File : VD078192.D
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ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:12:01 2024
Response via : Initial Calibration

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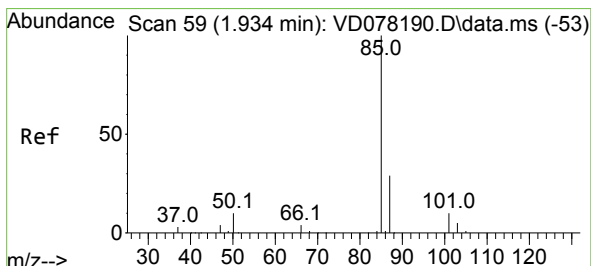
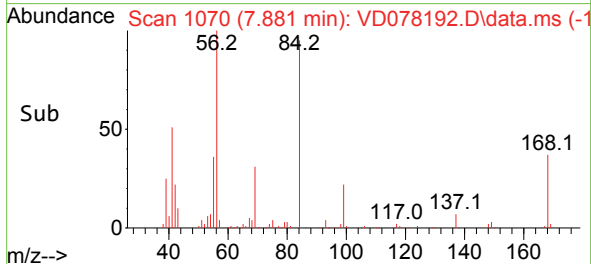
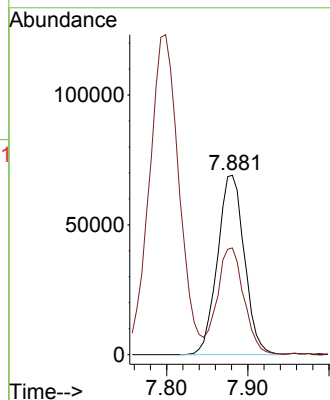
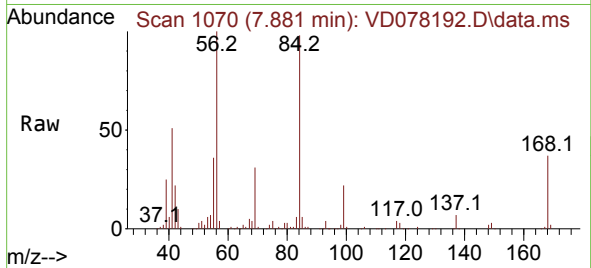
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

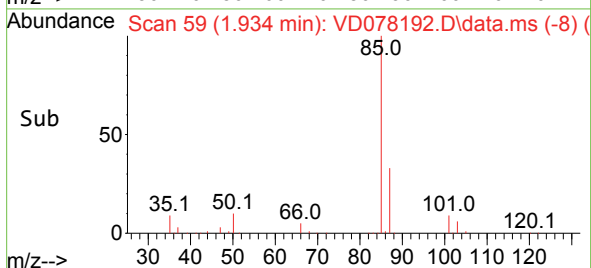
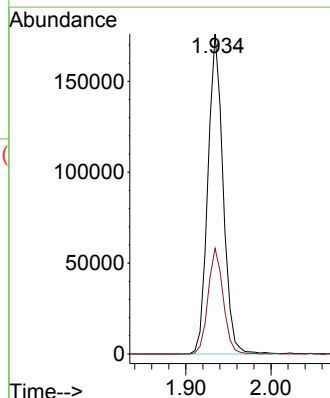
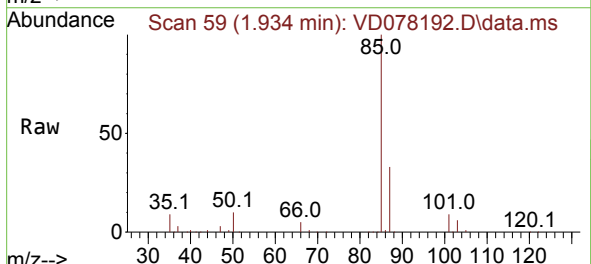
Instrument :
MSVOA_D
ClientSampleId :

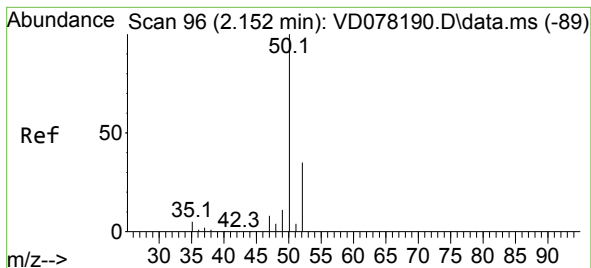
Tgt Ion:168 Resp: 159207
Ion Ratio Lower Upper
168 100
99 59.0 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 149.788 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 85 Resp: 217537
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0





#3

Chloromethane

Concen: 149.861 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Instrument :

MSVOA_D

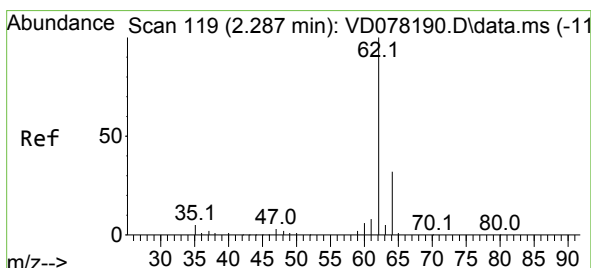
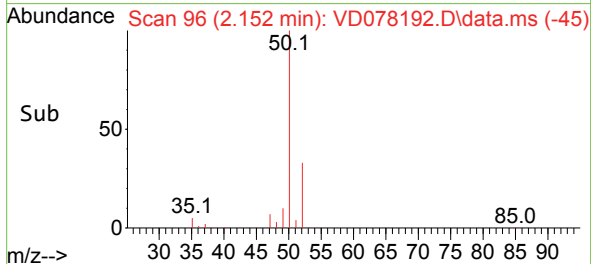
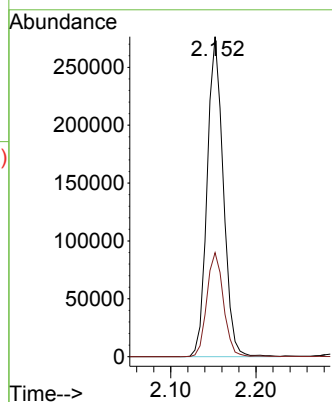
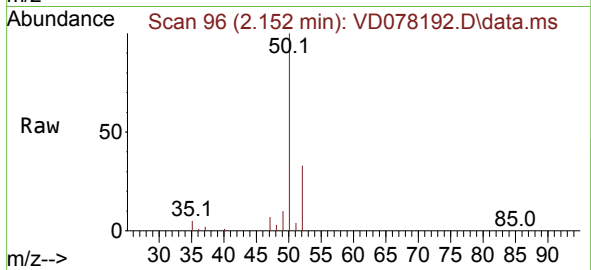
ClientSampleId :

Tgt Ion: 50 Resp: 363572

Ion Ratio Lower Upper

50 100

52 32.5 26.6 40.0



#4

Vinyl Chloride

Concen: 135.632 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078192.D

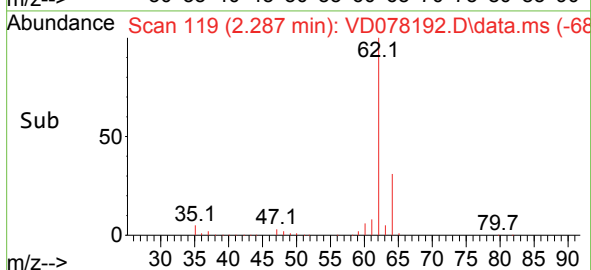
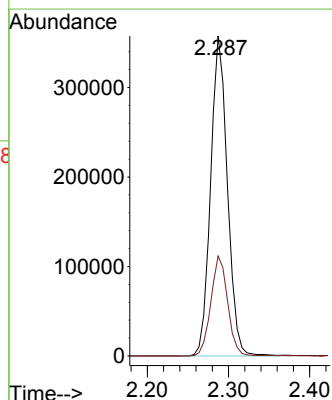
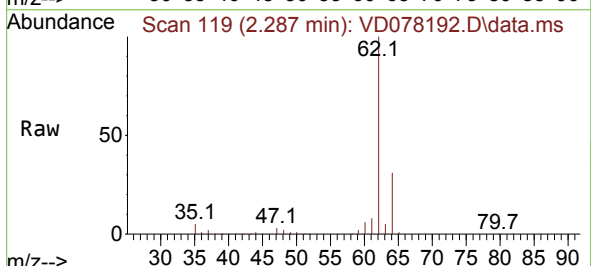
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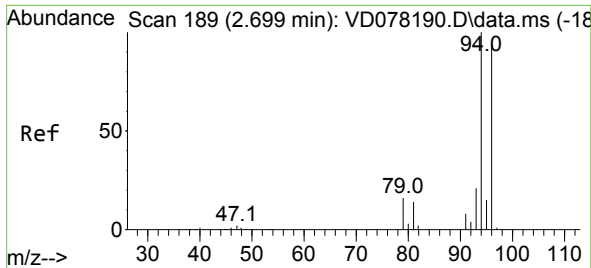
Tgt Ion: 62 Resp: 512050

Ion Ratio Lower Upper

62 100

64 31.3 26.0 39.0

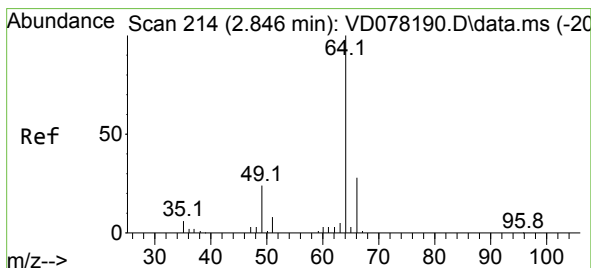
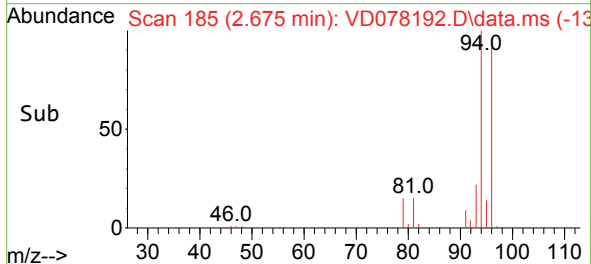
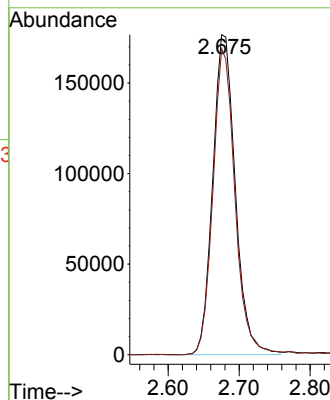
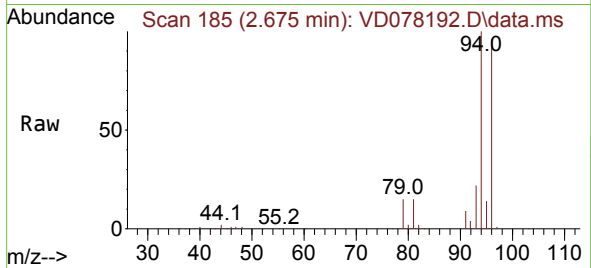




#5
Bromomethane
Concen: 141.463 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.023 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

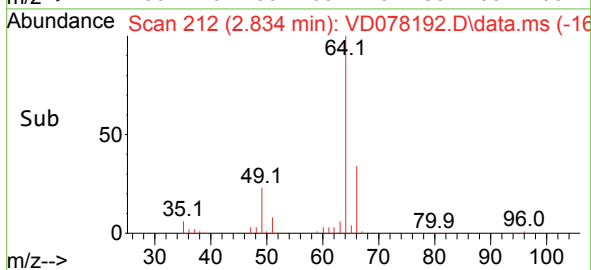
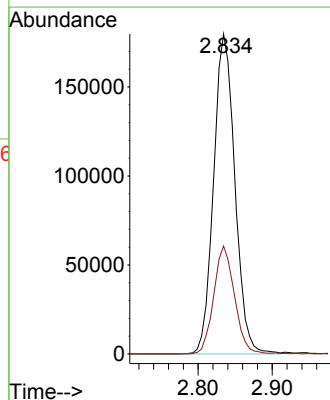
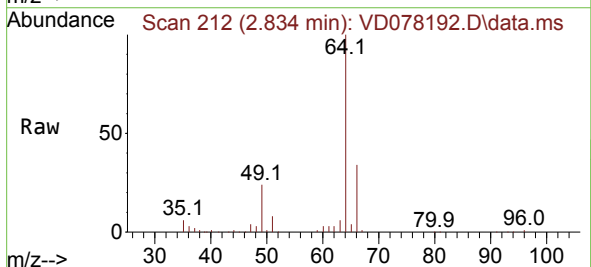
Instrument :
MSVOA_D
ClientSampleId :

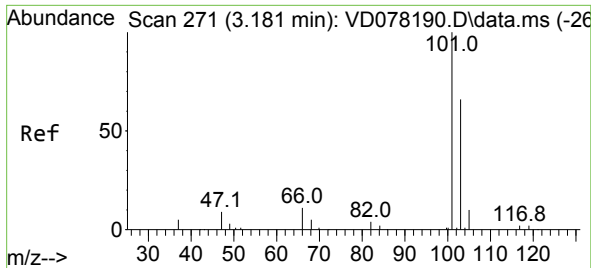
Tgt Ion: 94 Resp: 389749
Ion Ratio Lower Upper
94 100
96 93.6 75.8 113.8



#6
Chloroethane
Concen: 135.930 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.012 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

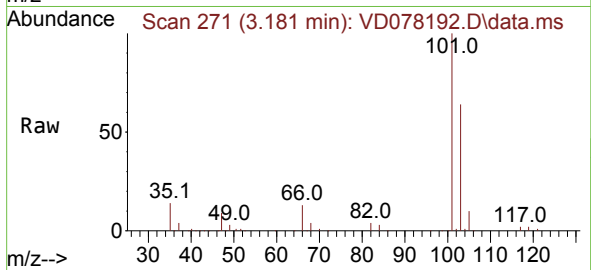
Tgt Ion: 64 Resp: 358462
Ion Ratio Lower Upper
64 100
66 33.7 25.5 38.3



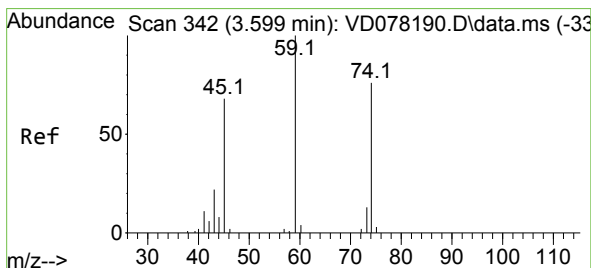
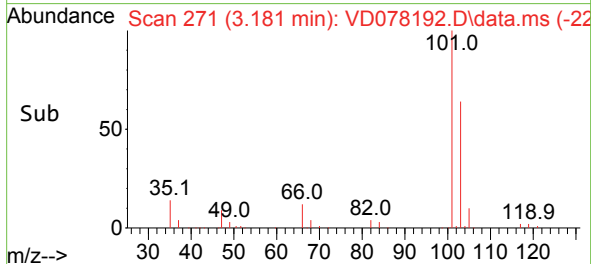
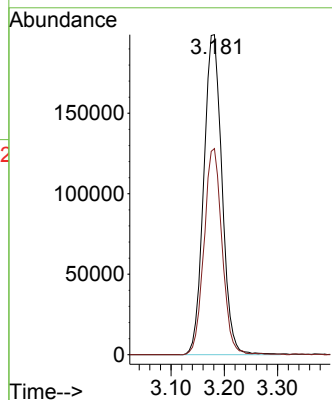


#7
 Trichlorofluoromethane
 Concen: 137.522 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078192.D
 Acq: 22 Jan 2024 12:47

Instrument :
 MSVOA_D
 ClientSampleId :

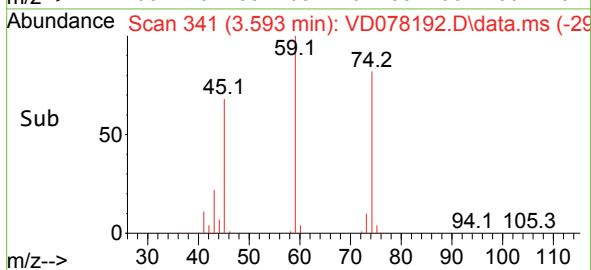
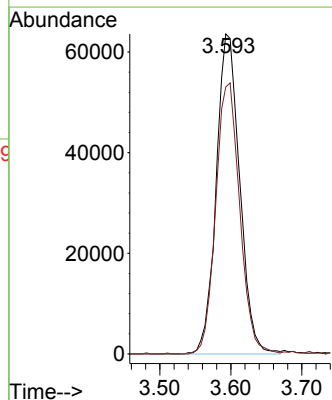
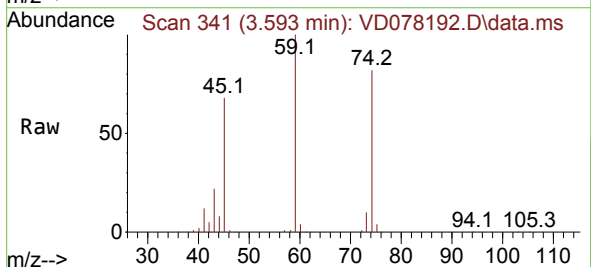


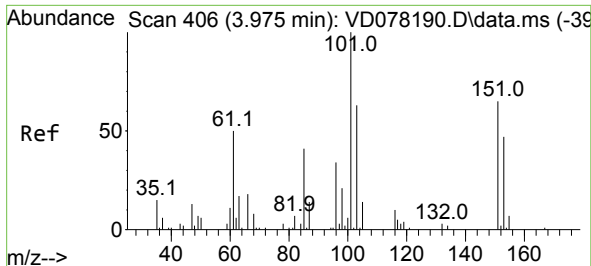
Tgt Ion:101 Resp: 472247
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 153.002 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078192.D
 Acq: 22 Jan 2024 12:47

Tgt Ion: 74 Resp: 145649
 Ion Ratio Lower Upper
 74 100
 45 86.7 37.5 112.7

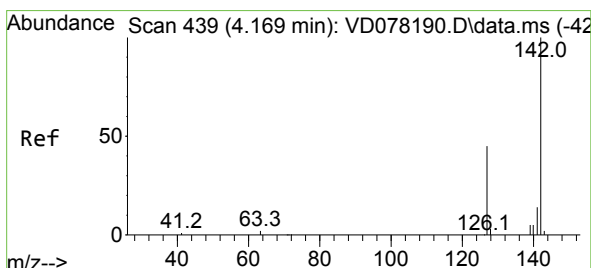
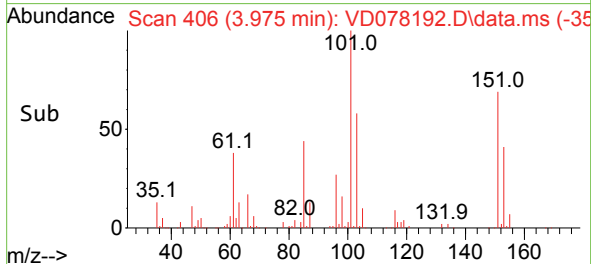
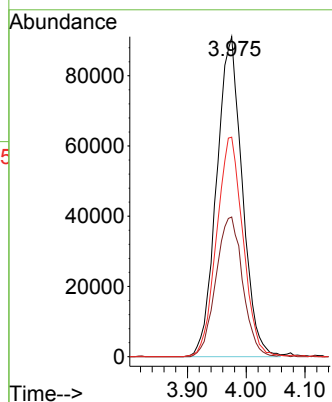
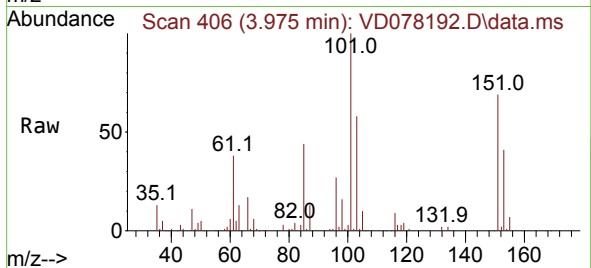




#9
1,1,2-Trichlorotrifluoroethane
Concen: 138.966 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

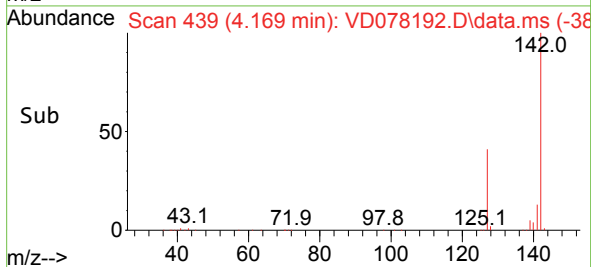
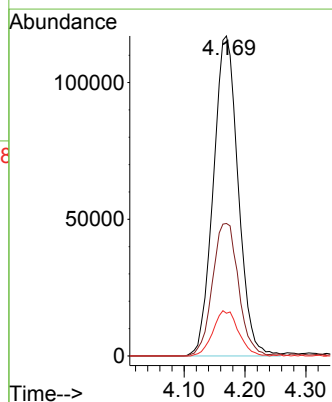
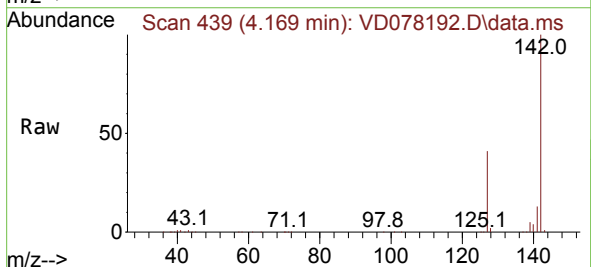
Instrument :
MSVOA_D
ClientSampleId :

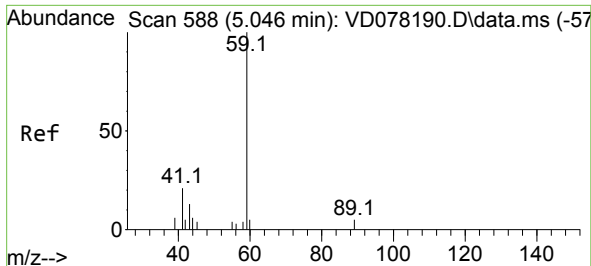
Tgt Ion:101 Resp: 276391
Ion Ratio Lower Upper
101 100
85 45.5 33.8 50.6
151 70.5 59.8 89.6



#10
Methyl Iodide
Concen: 166.391 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion:142 Resp: 331736
Ion Ratio Lower Upper
142 100
127 43.3 29.4 44.0
141 14.6 11.1 16.7

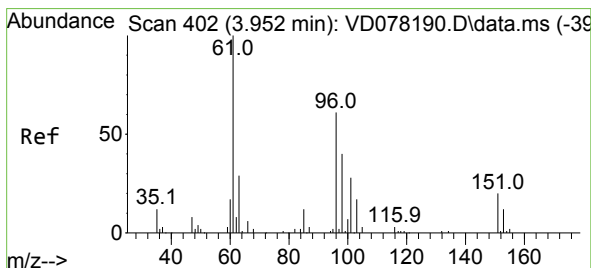
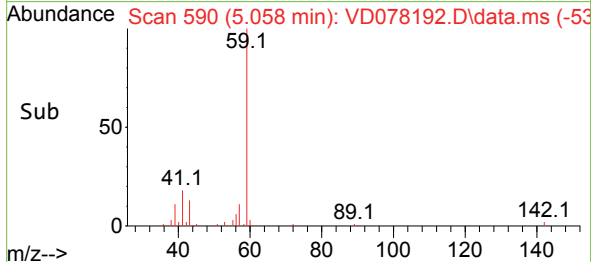
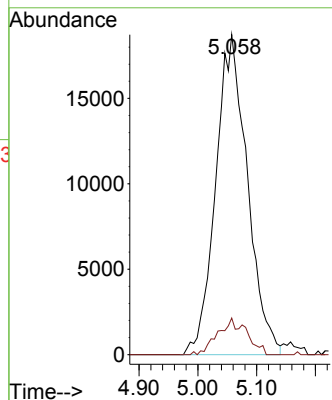
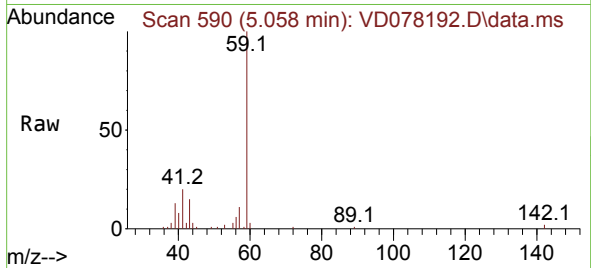




#11
Tert butyl alcohol
Concen: 784.047 ug/l
RT: 5.058 min Scan# 59
Delta R.T. 0.012 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

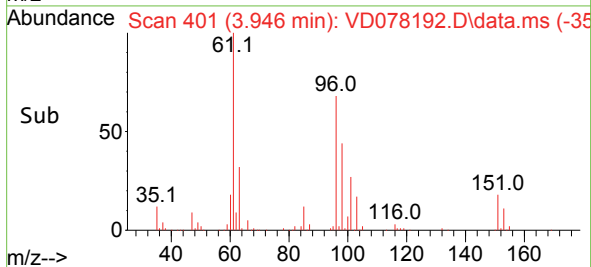
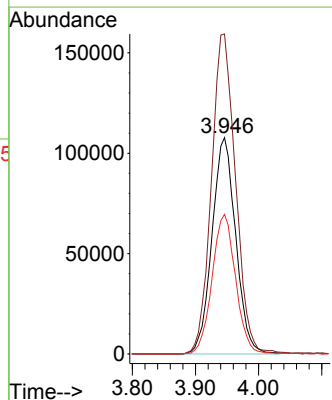
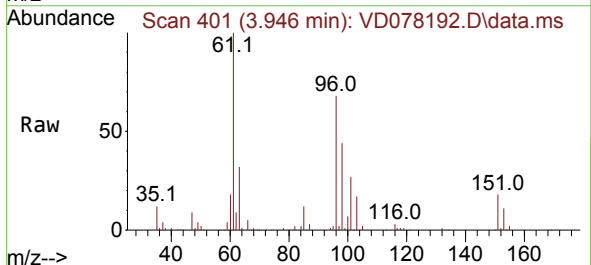
Instrument :
MSVOA_D
ClientSampleId :

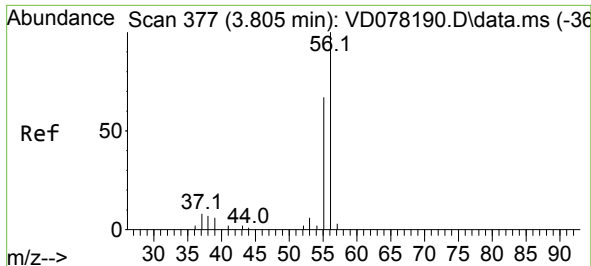
Tgt Ion: 59 Resp: 70154
Ion Ratio Lower Upper
59 100
57 7.1 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 142.792 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 96 Resp: 281332
Ion Ratio Lower Upper
96 100
61 147.9 100.6 150.8
98 64.5 50.2 75.2





#13

Acrolein

Concen: 802.857 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Instrument :

MSVOA_D

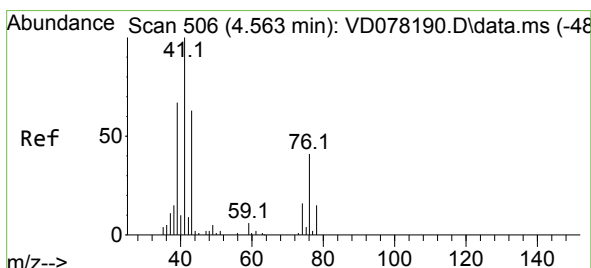
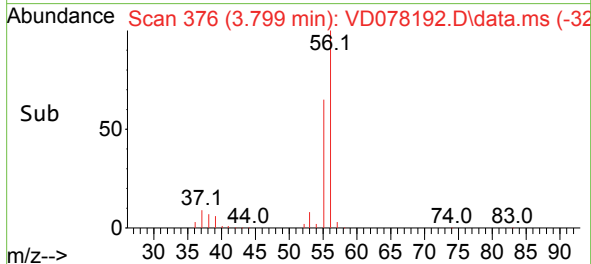
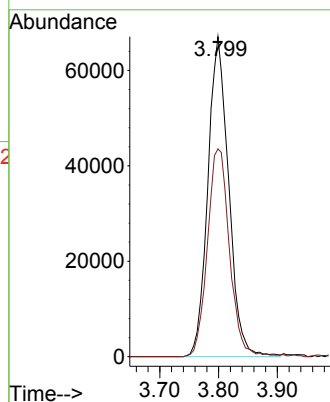
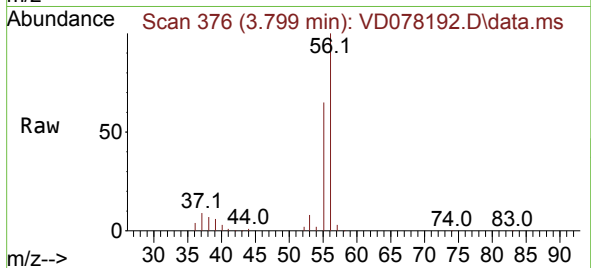
ClientSampleId :

Tgt Ion: 56 Resp: 164911

Ion Ratio Lower Upper

56 100

55 68.8 55.1 82.7



#14

Allyl chloride

Concen: 147.528 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

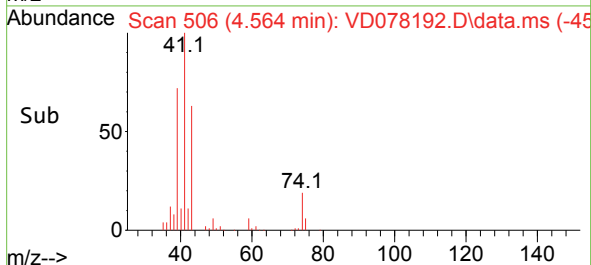
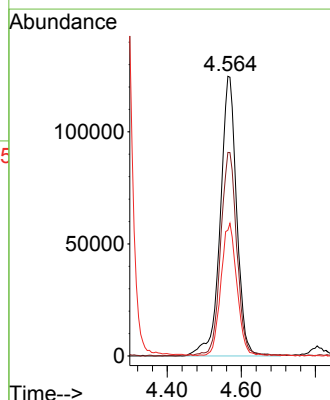
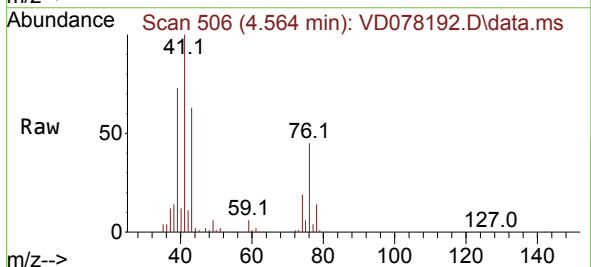
Tgt Ion: 41 Resp: 383401

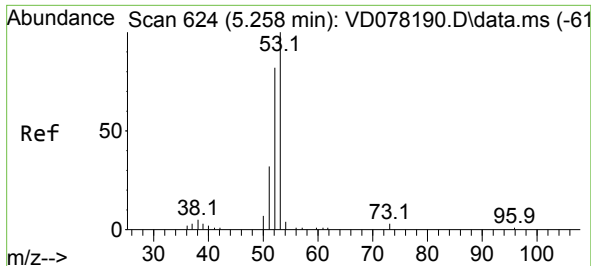
Ion Ratio Lower Upper

41 100

39 72.4 53.8 80.6

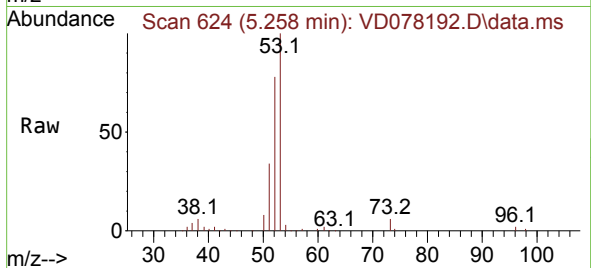
76 45.7 45.8 68.8#



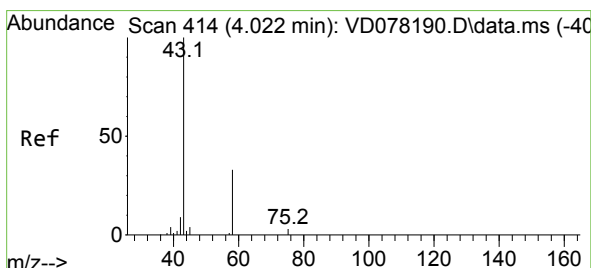
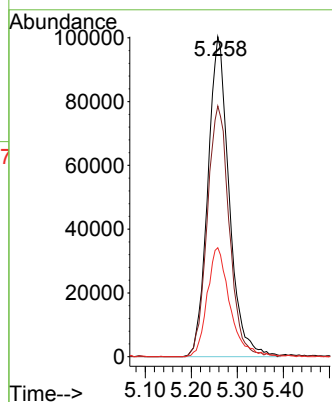
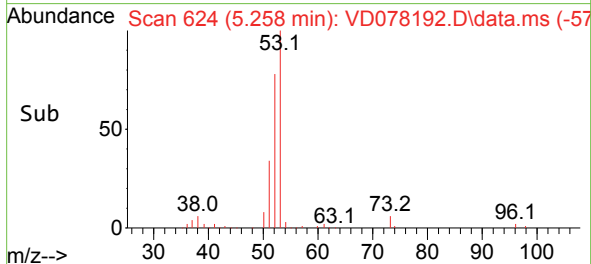


#15
Acrylonitrile
Concen: 757.332 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Instrument :
MSVOA_D
ClientSampleId :

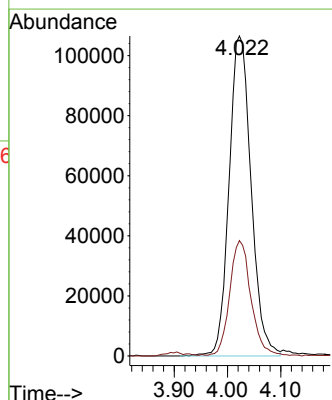
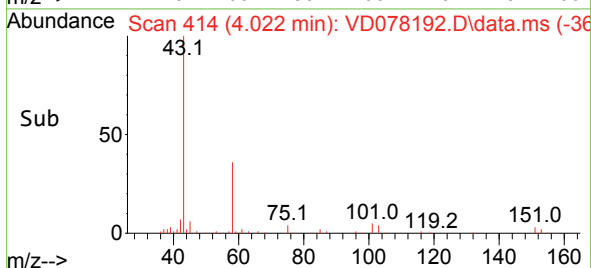
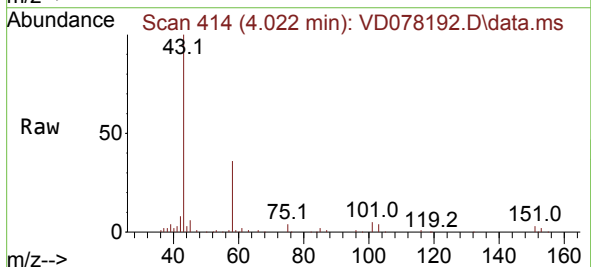


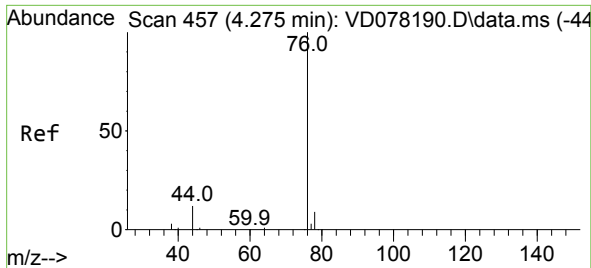
Tgt Ion: 53 Resp: 323508
Ion Ratio Lower Upper
53 100
52 80.8 65.0 97.4
51 36.3 28.3 42.5



#16
Acetone
Concen: 750.946 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 43 Resp: 306188
Ion Ratio Lower Upper
43 100
58 35.3 34.7 52.1

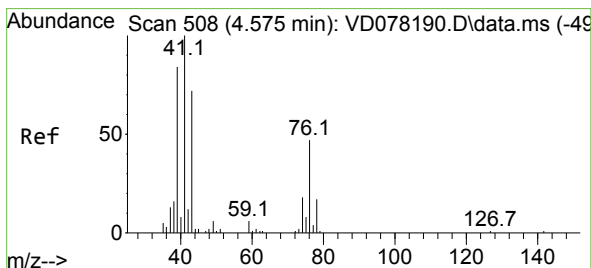
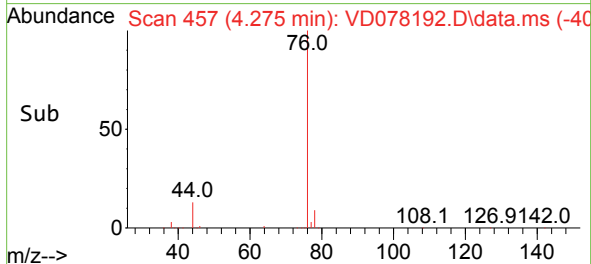
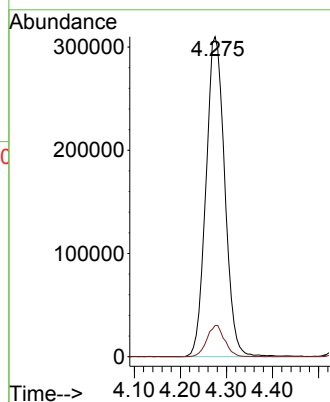
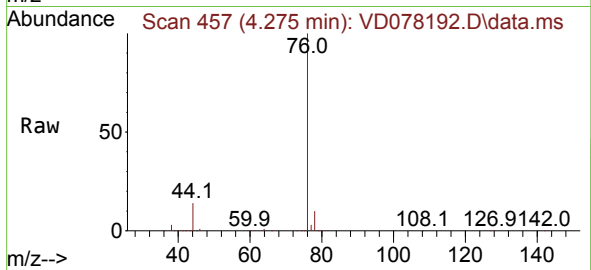




#17
Carbon Disulfide
Concen: 137.758 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

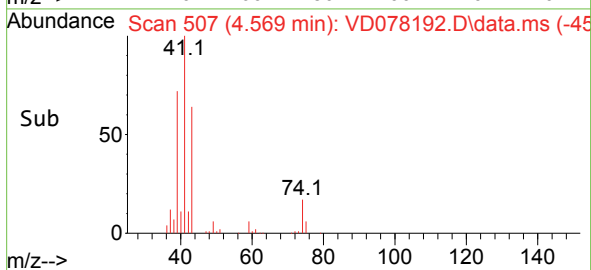
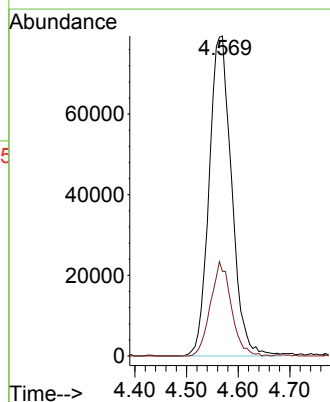
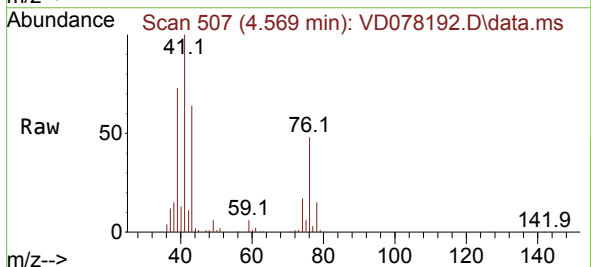
Instrument :
MSVOA_D
ClientSampleId :

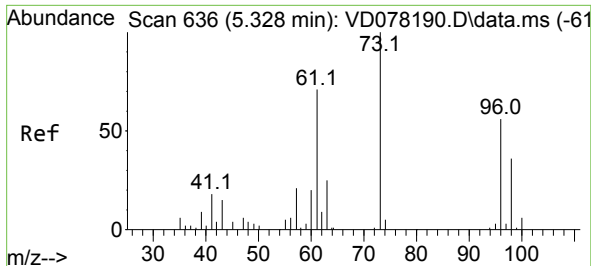
Tgt Ion: 76 Resp: 880096
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#18
Methyl Acetate
Concen: 153.486 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 43 Resp: 240004
Ion Ratio Lower Upper
43 100
74 27.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 157.670 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

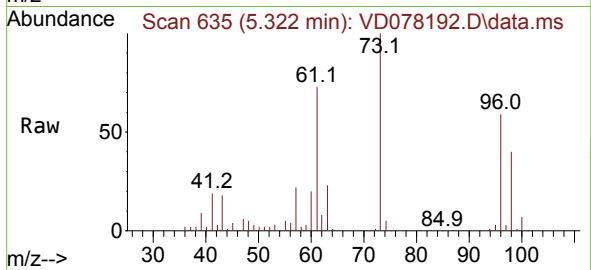
Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Instrument :

MSVOA_D

ClientSampleId :

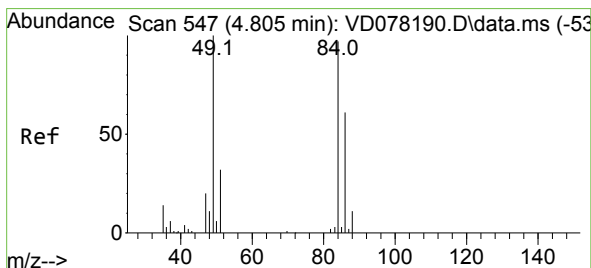
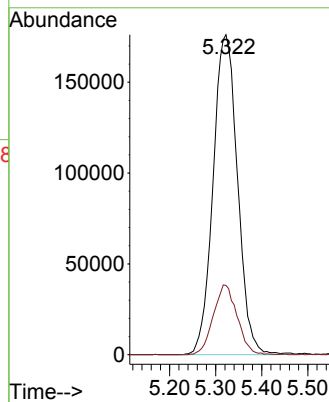
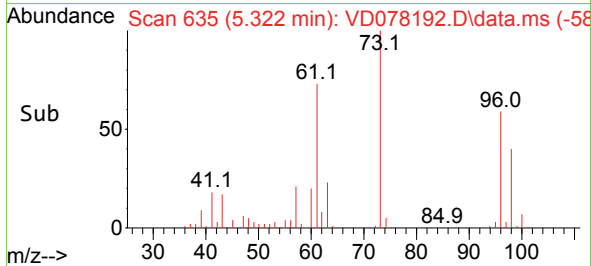


Tgt Ion: 73 Resp: 647797

Ion Ratio Lower Upper

73 100

57 21.6 16.6 25.0



#20

Methylene Chloride

Concen: 149.377 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Tgt Ion: 84 Resp: 310005

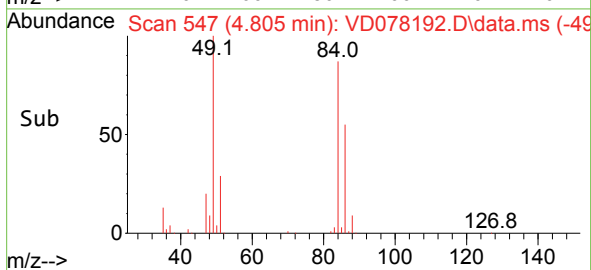
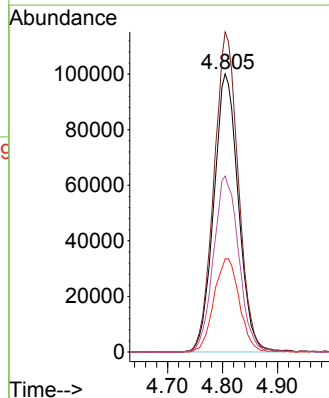
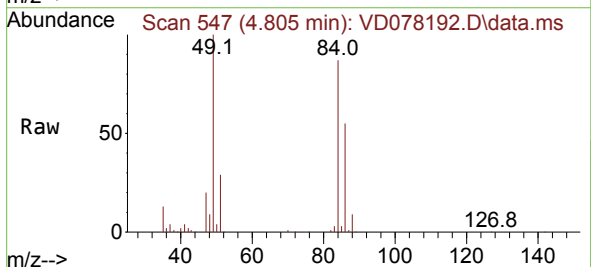
Ion Ratio Lower Upper

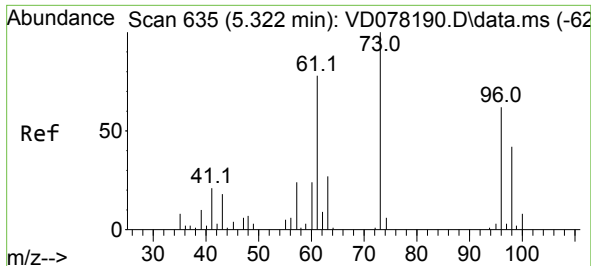
84 100

49 115.1 71.4 107.2#

51 33.5 24.5 36.7

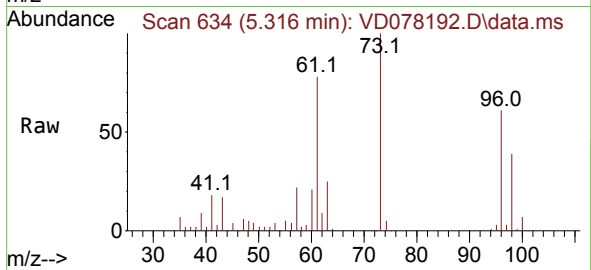
86 63.2 48.7 73.1



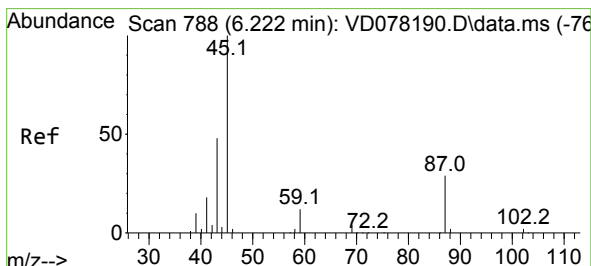
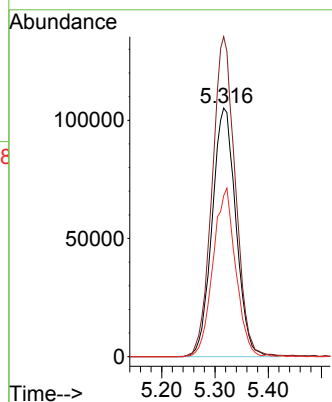
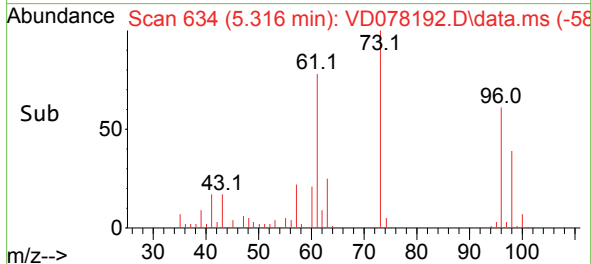


#21
trans-1,2-Dichloroethene
Concen: 143.424 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

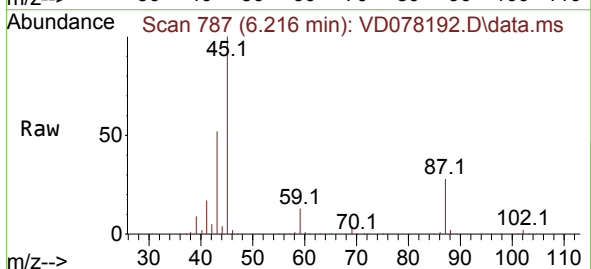
Instrument :
MSVOA_D
ClientSampleId :



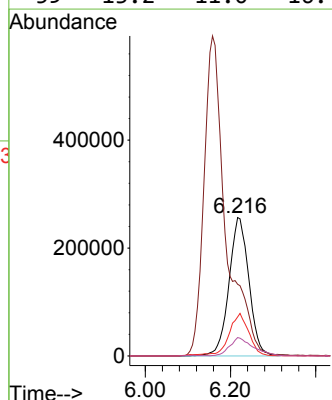
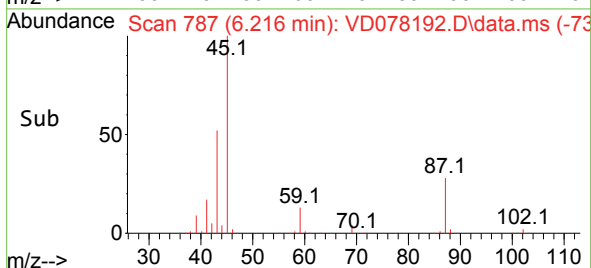
Tgt Ion: 96 Resp: 326532
Ion Ratio Lower Upper
96 100
61 128.6 89.3 133.9
98 64.8 48.6 73.0

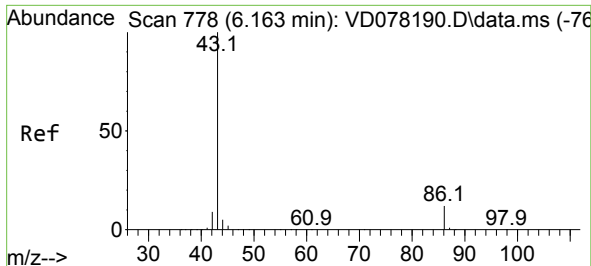


#22
Diisopropyl ether
Concen: 151.691 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47



Tgt Ion: 45 Resp: 834188
Ion Ratio Lower Upper
45 100
43 51.9 40.0 60.0
87 28.0 28.2 42.4#
59 13.2 11.0 16.4

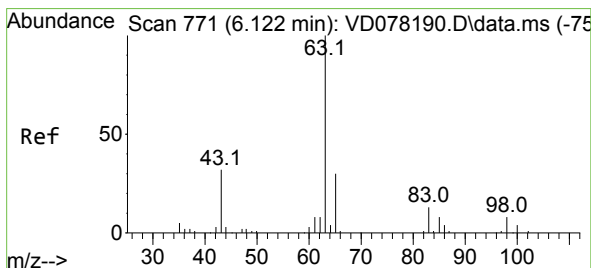
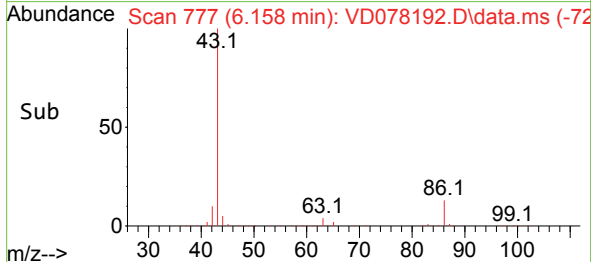
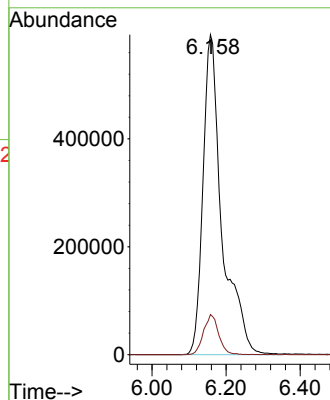
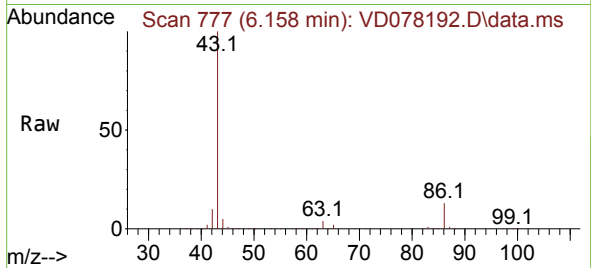




#23
 Vinyl Acetate
 Concen: 779.955 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. -0.006 min
 Lab File: VD078192.D
 Acq: 22 Jan 2024 12:47

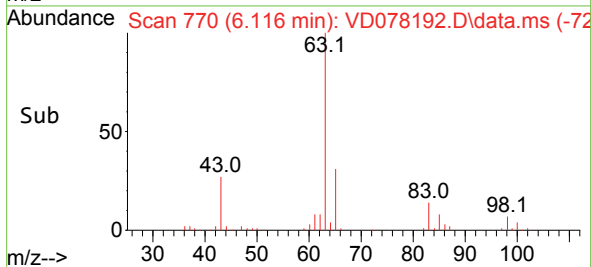
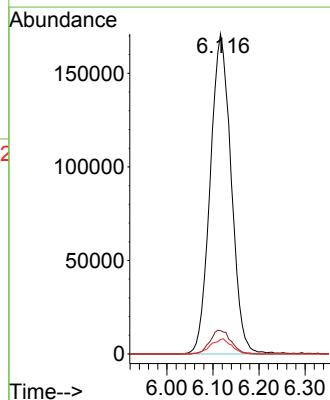
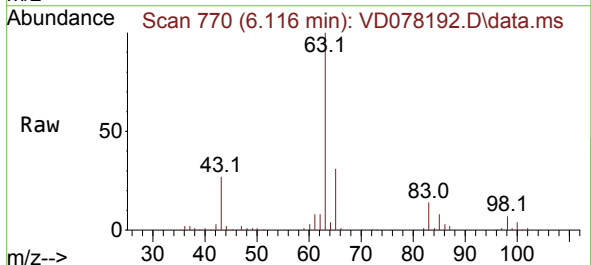
Instrument :
 MSVOA_D
 ClientSampleId :

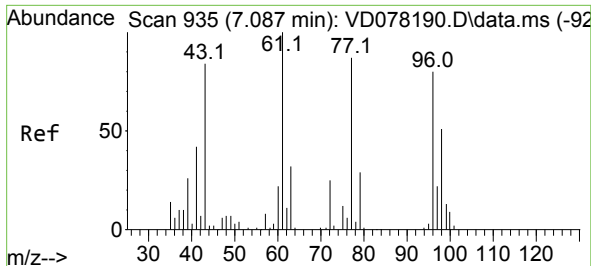
Tgt Ion: 43 Resp: 2113211
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 142.025 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078192.D
 Acq: 22 Jan 2024 12:47

Tgt Ion: 63 Resp: 539683
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 4.5 2.5 7.5

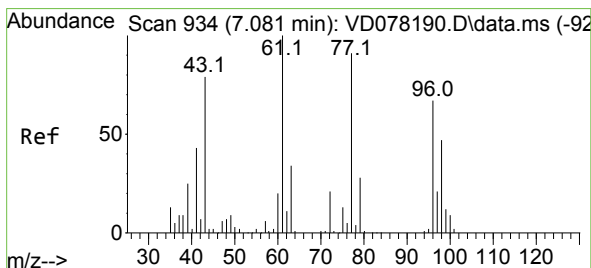
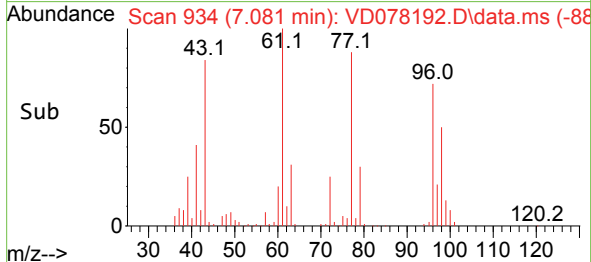
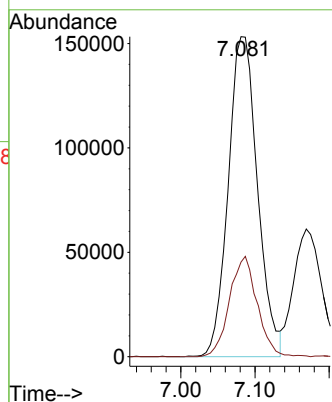
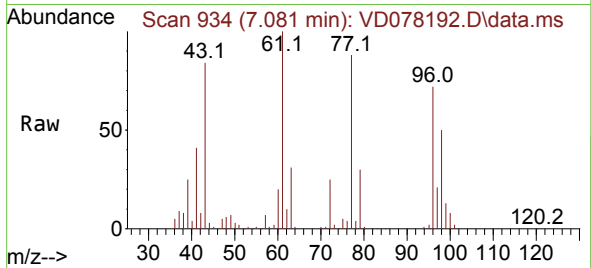




#25
2-Butanone
Concen: 756.828 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

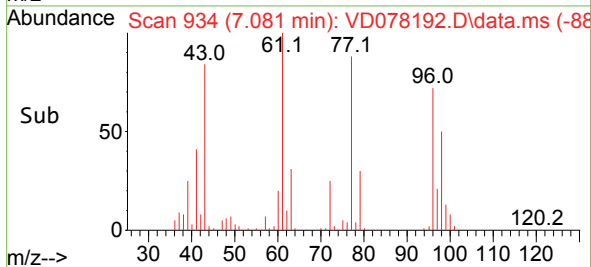
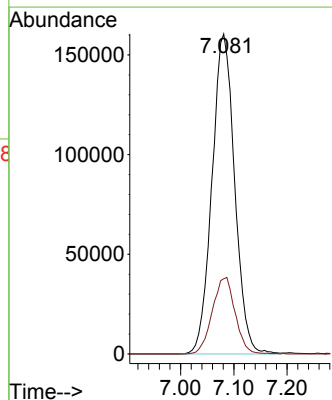
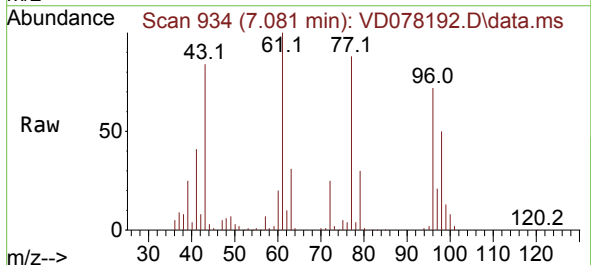
Instrument :
MSVOA_D
ClientSampleId :

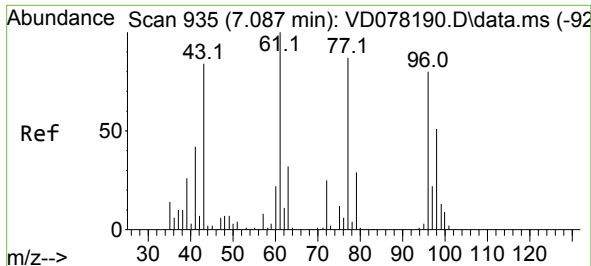
Tgt Ion: 43 Resp: 421477
Ion Ratio Lower Upper
43 100
72 29.6 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 149.041 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 77 Resp: 474427
Ion Ratio Lower Upper
77 100
97 24.1 13.2 39.6



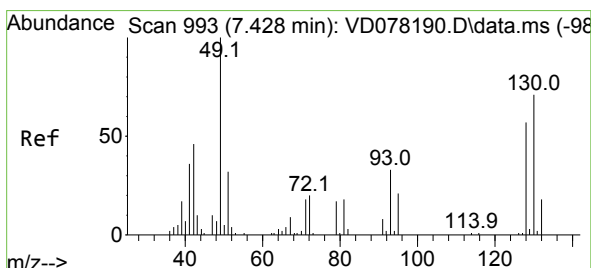
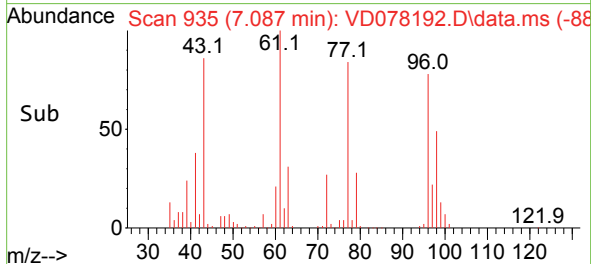
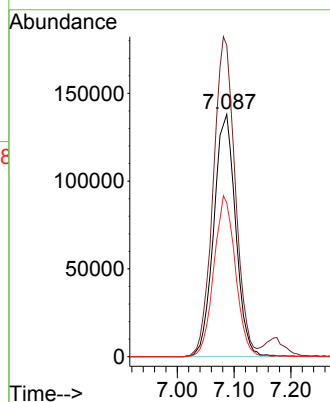
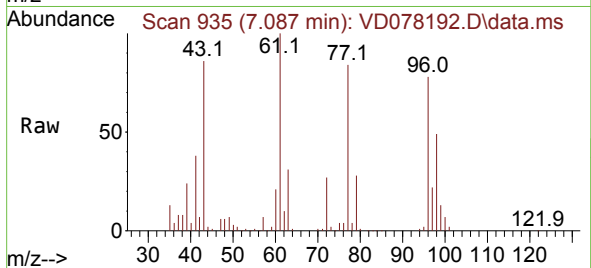


#27
 cis-1,2-Dichloroethene
 Concen: 151.083 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078192.D
 Acq: 22 Jan 2024 12:47

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 369491

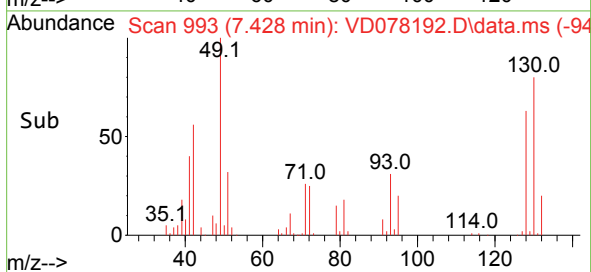
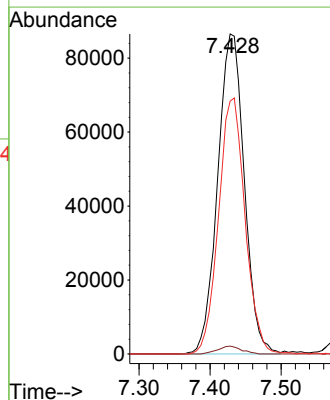
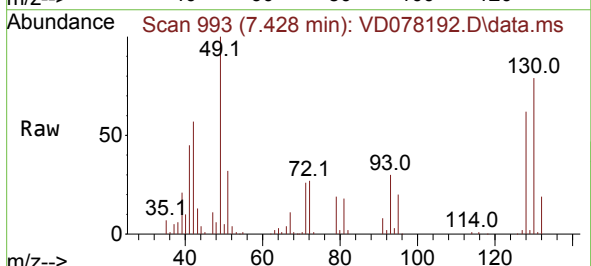
Ion	Ratio	Lower	Upper
96	100		
61	132.4	0.0	239.2
98	65.5	0.0	128.6

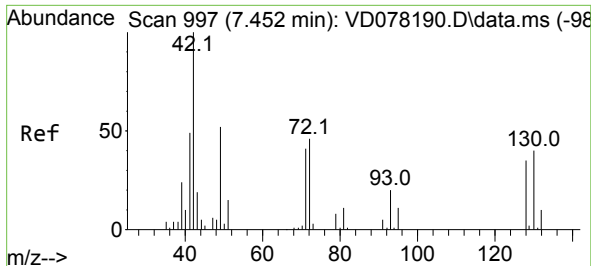


#28
 Bromochloromethane
 Concen: 152.118 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078192.D
 Acq: 22 Jan 2024 12:47

Tgt Ion: 49 Resp: 225448

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	6.0
130	79.5	83.2	124.8#





#29

Tetrahydrofuran

Concen: 789.034 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

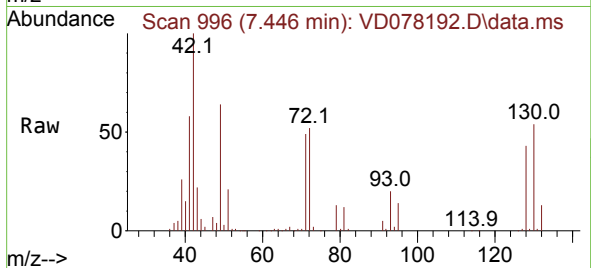
Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Instrument :

MSVOA_D

ClientSampleId :



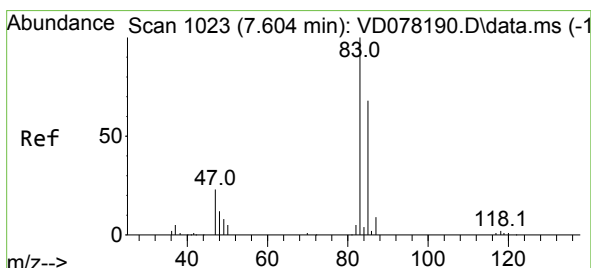
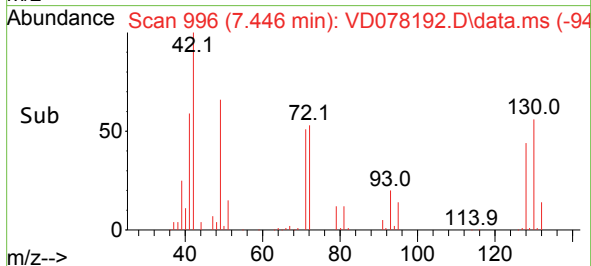
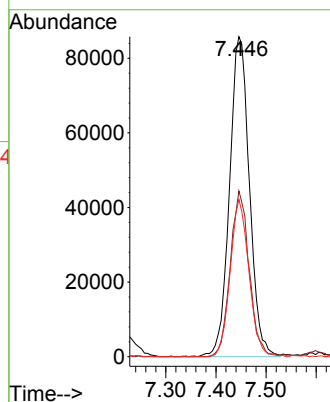
Tgt Ion: 42 Resp: 236587

Ion Ratio Lower Upper

42 100

72 49.3 46.5 69.7

71 46.2 44.5 66.7



#30

Chloroform

Concen: 144.759 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078192.D

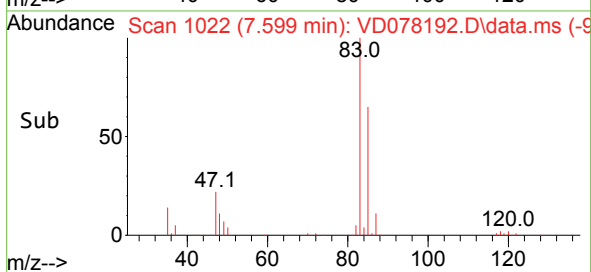
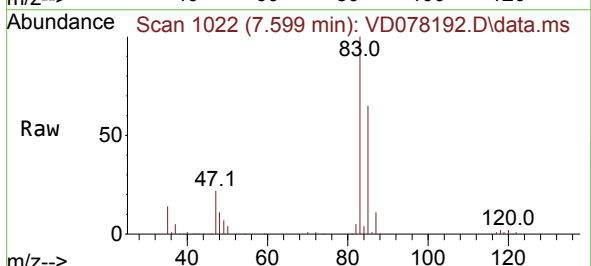
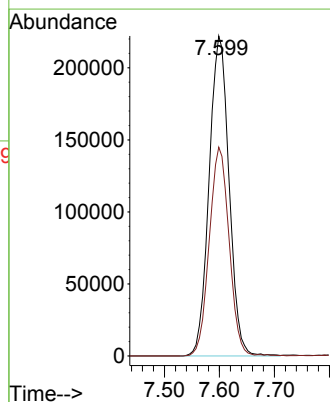
Acq: 22 Jan 2024 12:47

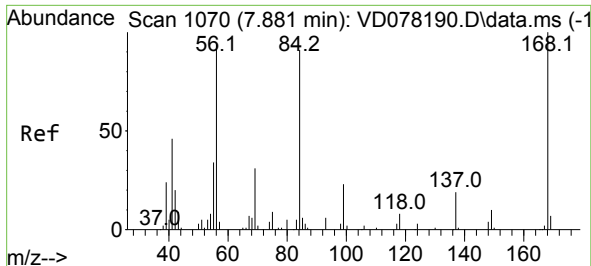
Tgt Ion: 83 Resp: 559417

Ion Ratio Lower Upper

83 100

85 65.3 53.4 80.2

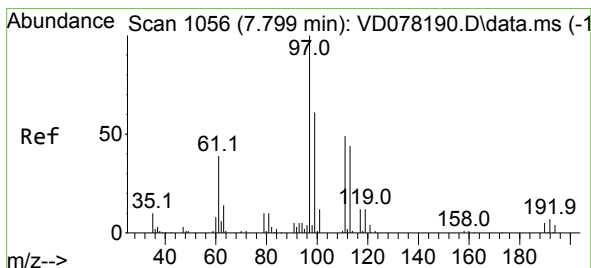
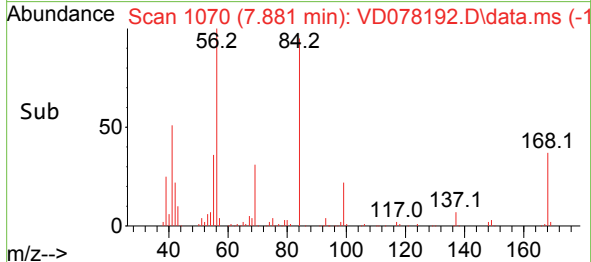
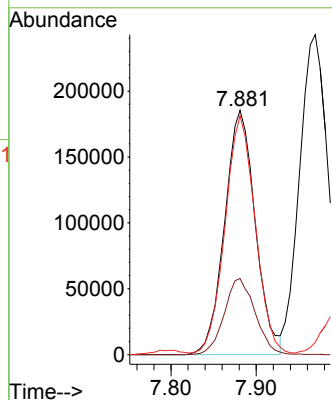
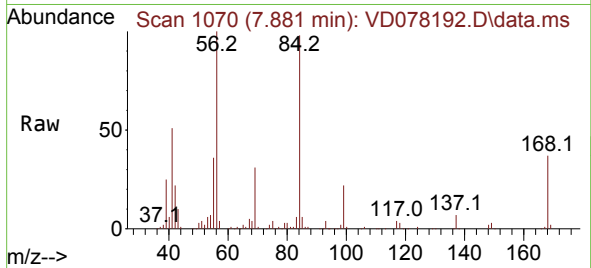




#31
Cyclohexane
Concen: 138.479 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

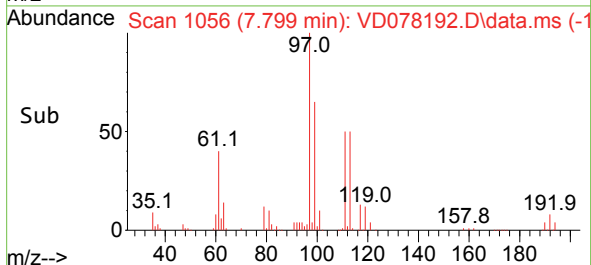
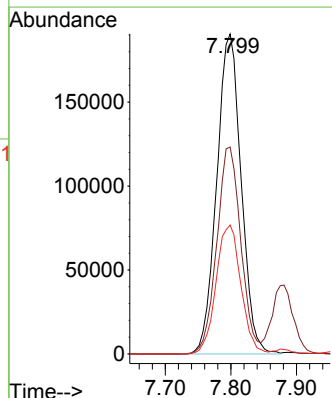
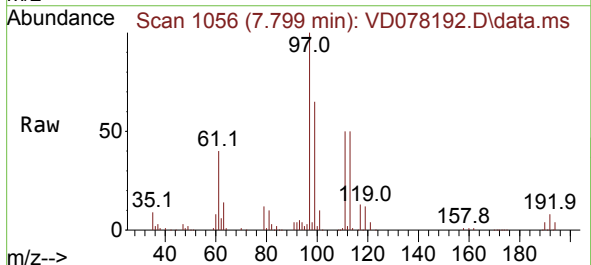
Instrument :
MSVOA_D
ClientSampleId :

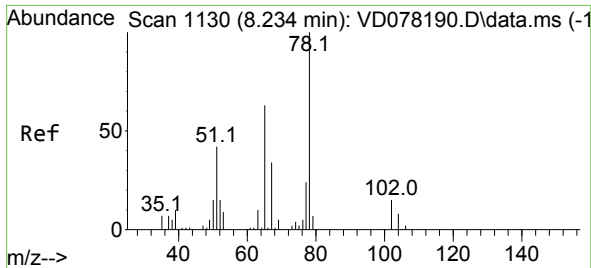
Tgt Ion: 56 Resp: 465355
Ion Ratio Lower Upper
56 100
69 31.2 28.6 43.0
84 96.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 147.460 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 97 Resp: 492257
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 41.0 33.8 50.8

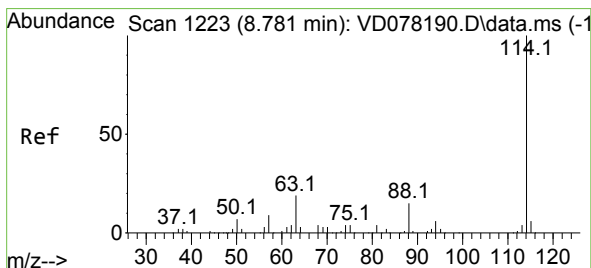
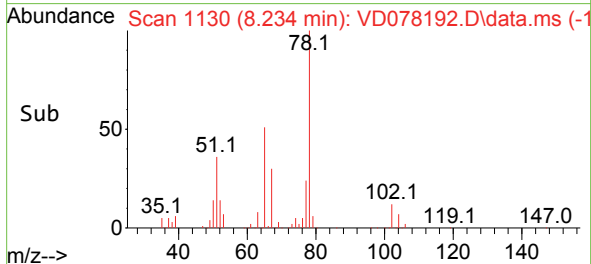
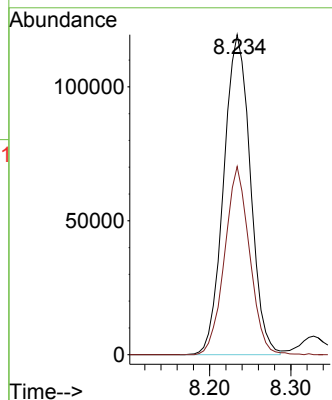
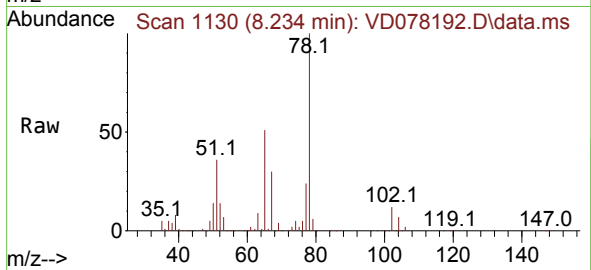




#33
 1,2-Dichloroethane-d4
 Concen: 149.822 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VD078192.D
 Acq: 22 Jan 2024 12:47

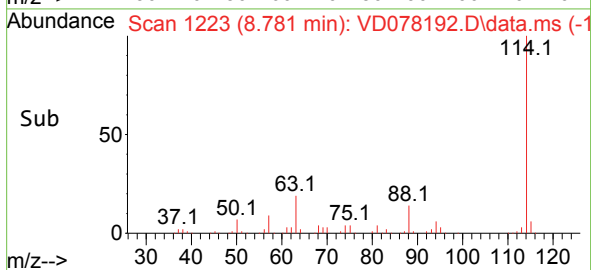
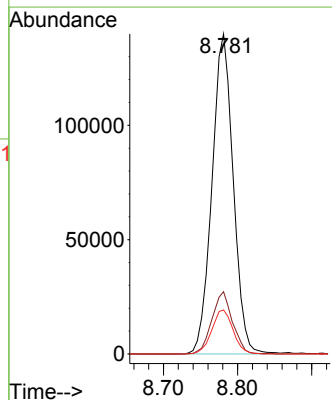
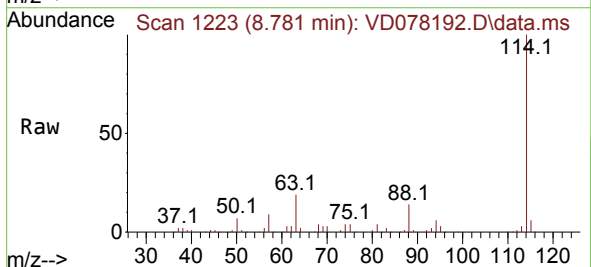
Instrument :
 MSVOA_D
 ClientSampleId :

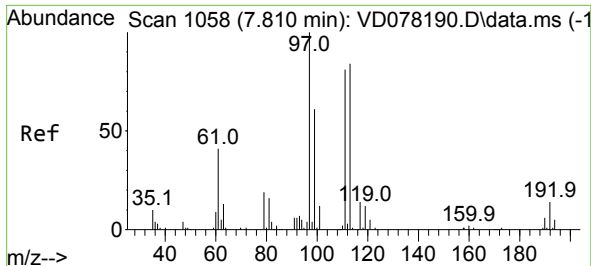
Tgt Ion: 65 Resp: 272302
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: VD078192.D
 Acq: 22 Jan 2024 12:47

Tgt Ion:114 Resp: 278702
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 33.4
 88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 152.584 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

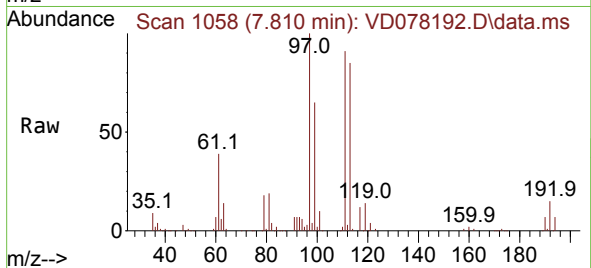
Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Instrument :

MSVOA_D

ClientSampleId :



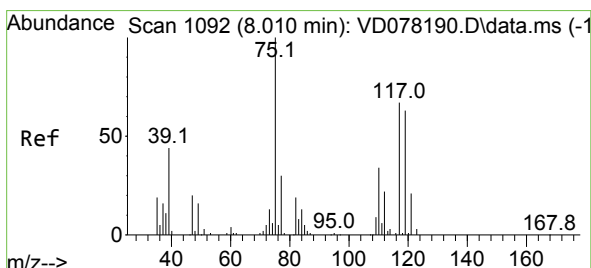
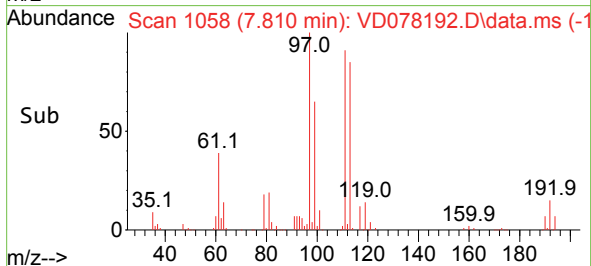
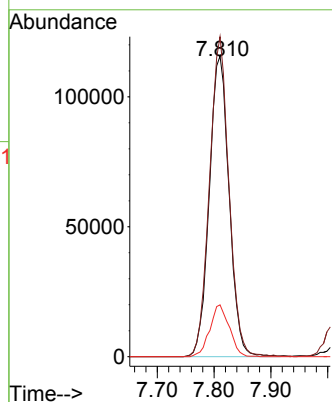
Tgt Ion:113 Resp: 279875

Ion Ratio Lower Upper

113 100

111 104.6 84.7 127.1

192 17.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 149.695 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

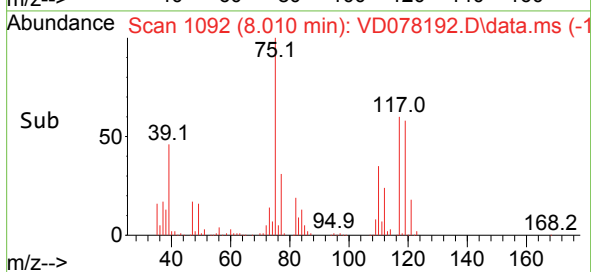
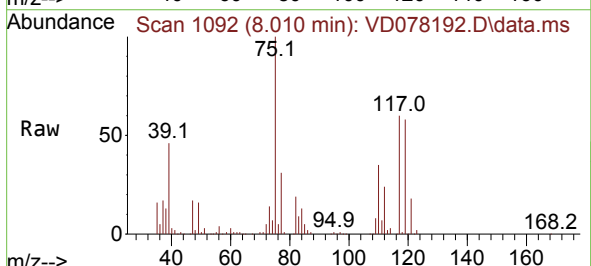
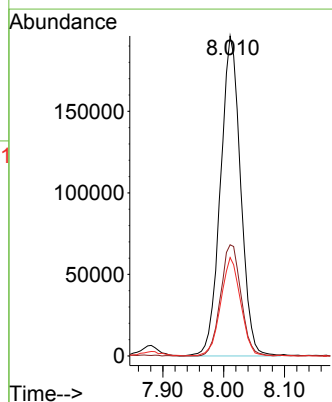
Tgt Ion: 75 Resp: 451529

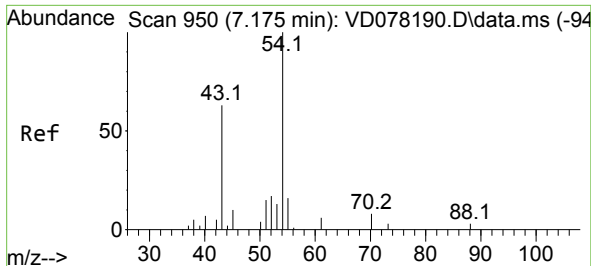
Ion Ratio Lower Upper

75 100

110 35.3 19.9 59.6

77 30.4 24.7 37.1

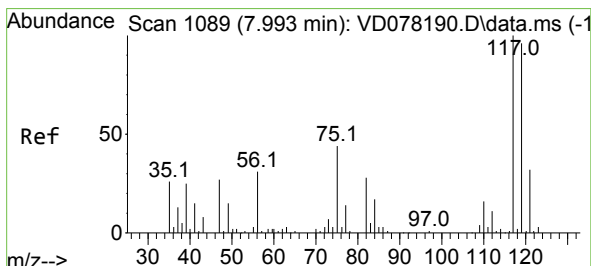
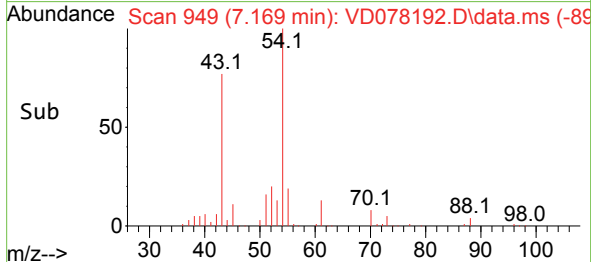
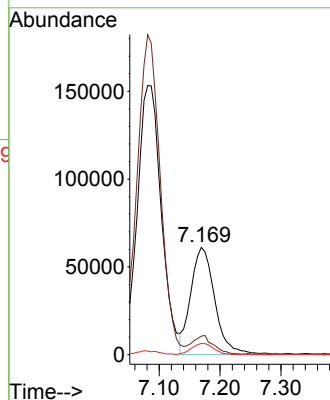
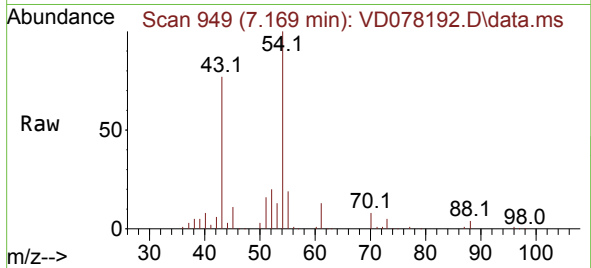




#37
Ethyl Acetate
Concen: 148.114 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

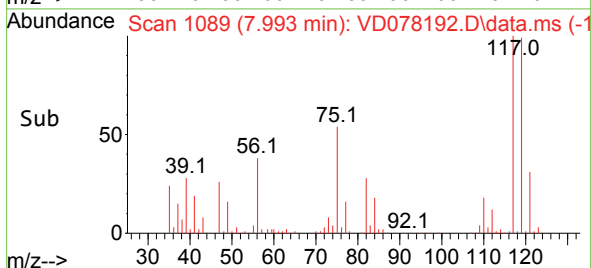
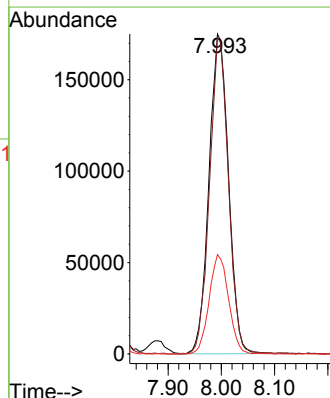
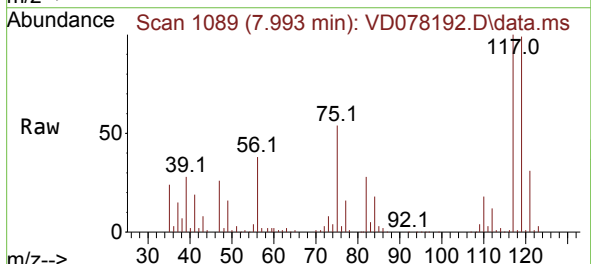
Instrument :
MSVOA_D
ClientSampleId :

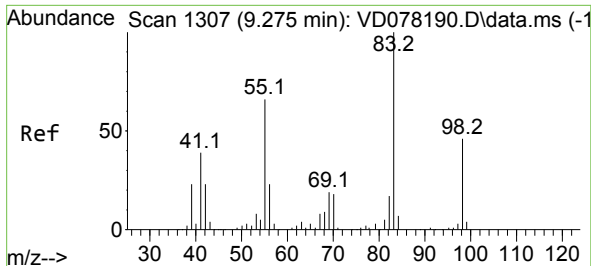
Tgt Ion: 43 Resp: 166318
Ion Ratio Lower Upper
43 100
61 15.4 14.9 22.3
70 9.7 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 149.518 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion:117 Resp: 445413
Ion Ratio Lower Upper
117 100
119 98.9 78.0 117.0
121 31.1 24.2 36.2





#39

Methylcyclohexane

Concen: 157.957 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Instrument :

MSVOA_D

ClientSampleId :

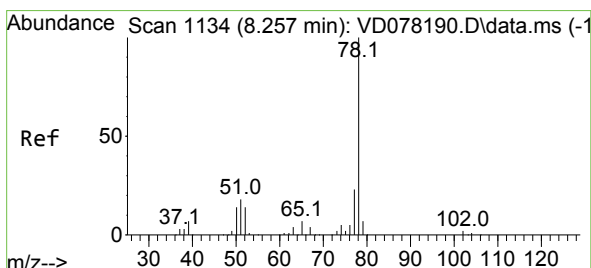
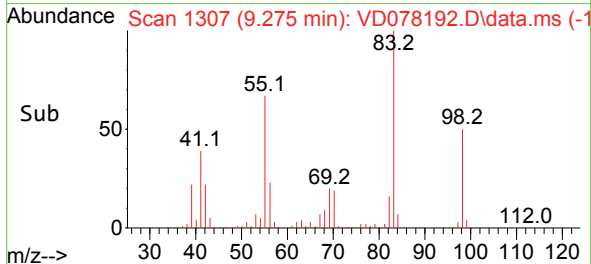
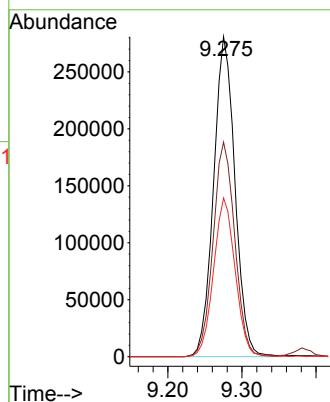
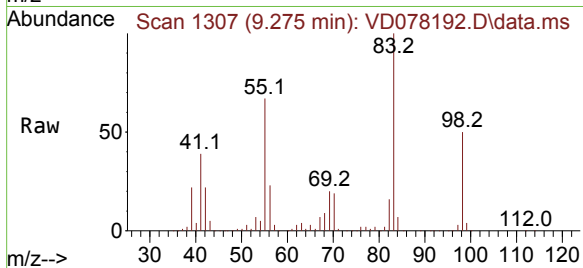
Tgt Ion: 83 Resp: 563456

Ion Ratio Lower Upper

83 100

55 67.0 49.4 74.0

98 49.6 38.4 57.6



#40

Benzene

Concen: 153.073 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VD078192.D

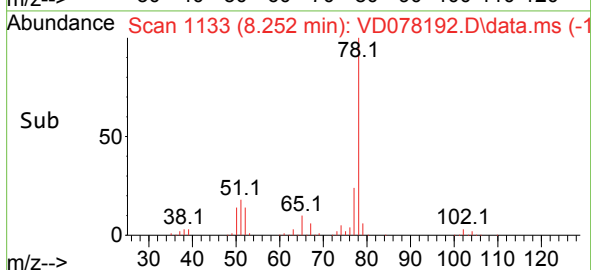
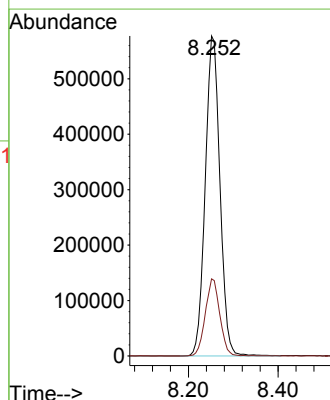
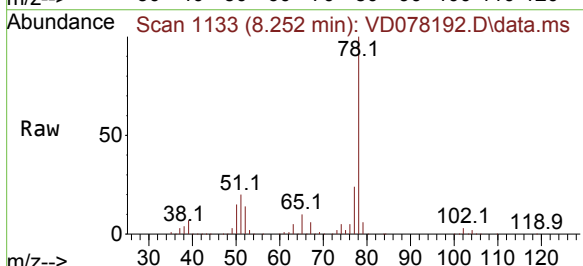
Acq: 22 Jan 2024 12:47

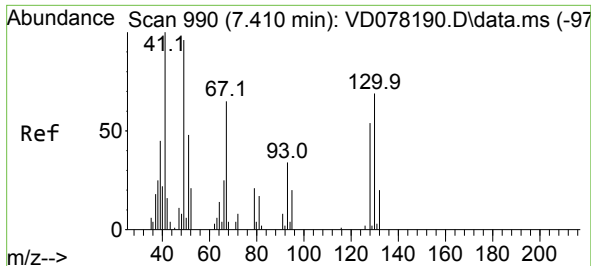
Tgt Ion: 78 Resp: 1310254

Ion Ratio Lower Upper

78 100

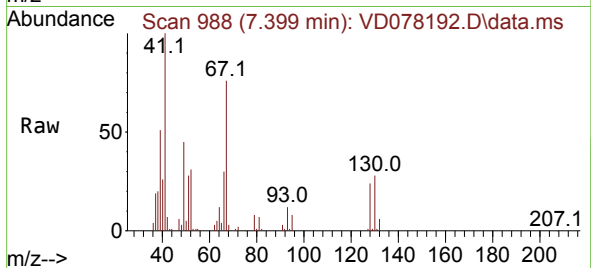
77 24.1 19.4 29.0



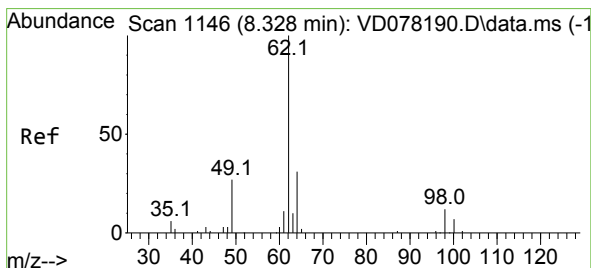
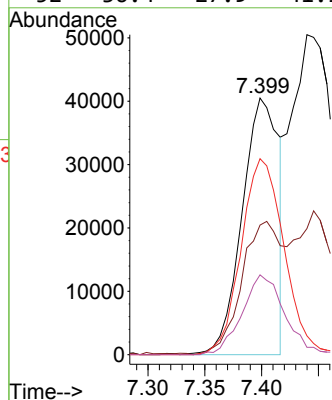
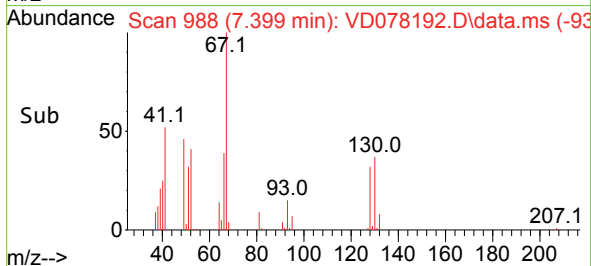


#41
Methacrylonitrile
Concen: 150.396 ug/l
RT: 7.399 min Scan# 908
Delta R.T. -0.012 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Instrument :
MSVOA_D
ClientSampleId :

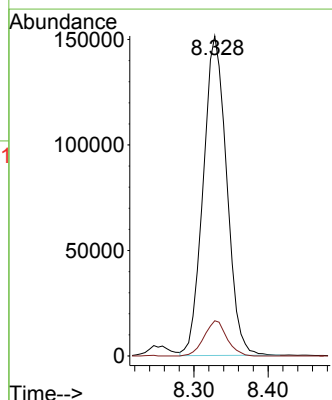
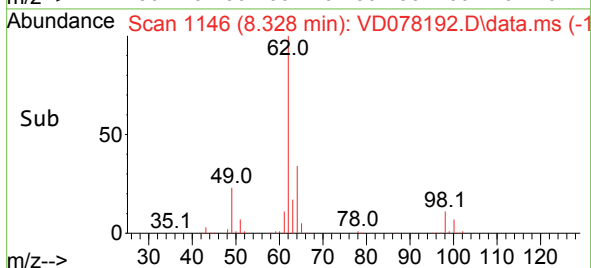
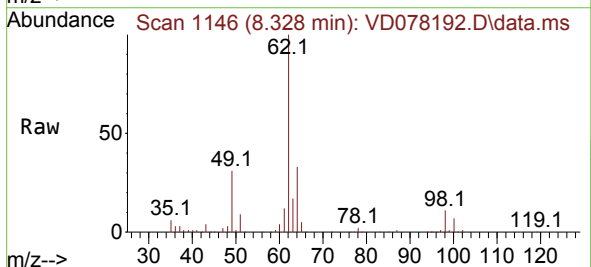


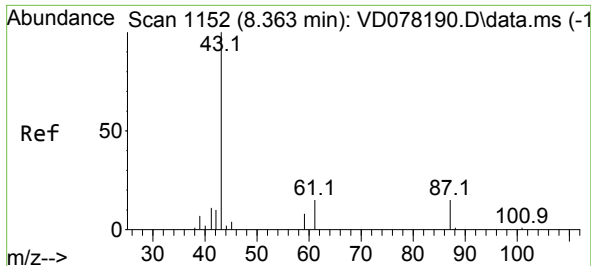
Tgt Ion: 41 Resp: 90873
Ion Ratio Lower Upper
41 100
39 59.8 34.0 51.0#
67 89.7 77.0 115.4
52 36.4 27.9 41.9



#42
1,2-Dichloroethane
Concen: 149.552 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 62 Resp: 333071
Ion Ratio Lower Upper
62 100
98 10.7 0.0 25.4

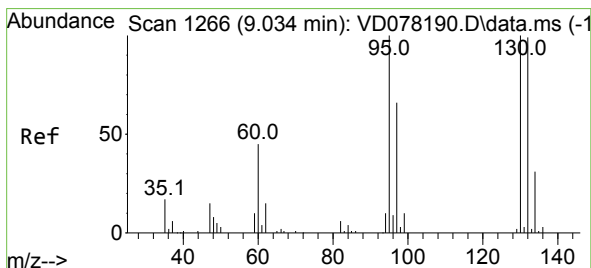
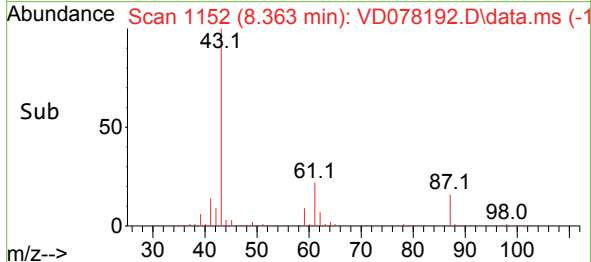
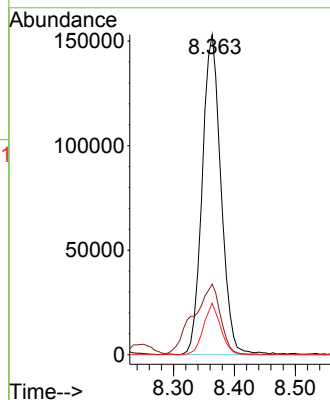
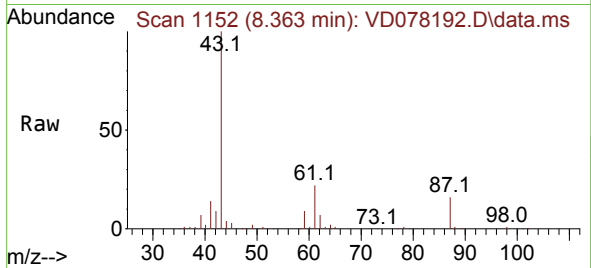




#43
Isopropyl Acetate
Concen: 159.272 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

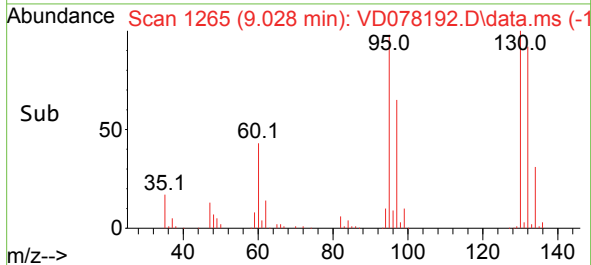
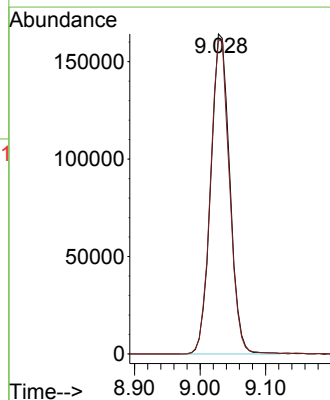
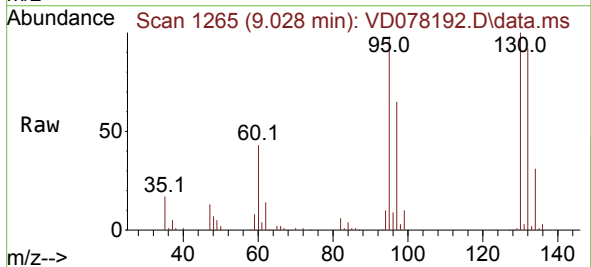
Instrument :
MSVOA_D
ClientSampleId :

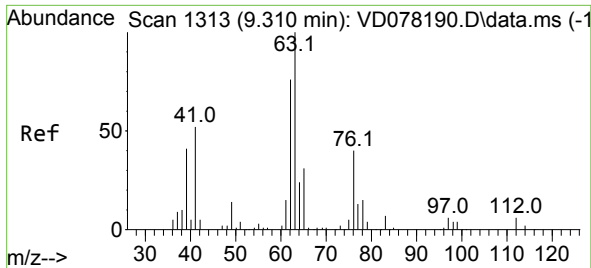
Tgt Ion: 43 Resp: 327661
Ion Ratio Lower Upper
43 100
61 32.0 31.4 47.0
87 14.7 14.9 22.3#



#44
Trichloroethene
Concen: 150.719 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion:130 Resp: 330053
Ion Ratio Lower Upper
130 100
95 97.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 151.289 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Instrument :

MSVOA_D

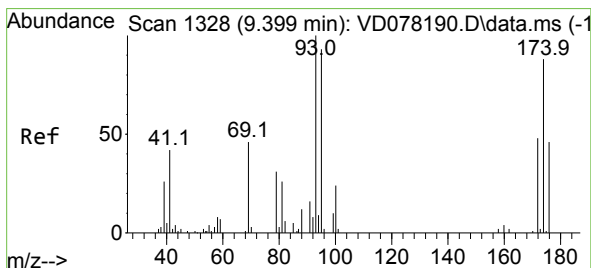
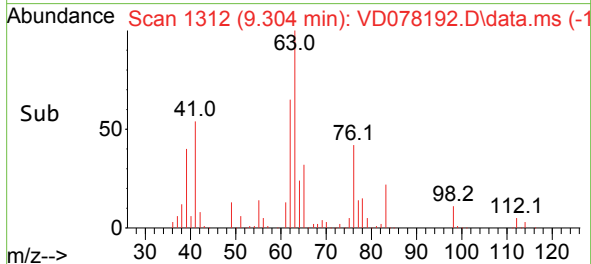
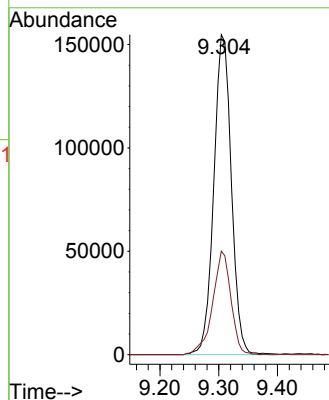
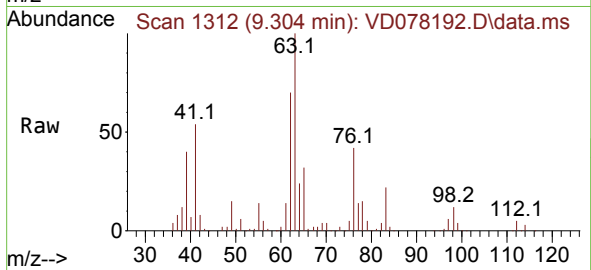
ClientSampleId :

Tgt Ion: 63 Resp: 321341

Ion Ratio Lower Upper

63 100

65 32.4 24.5 36.7



#46

Dibromomethane

Concen: 150.924 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

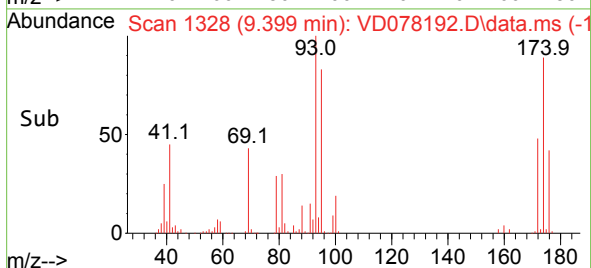
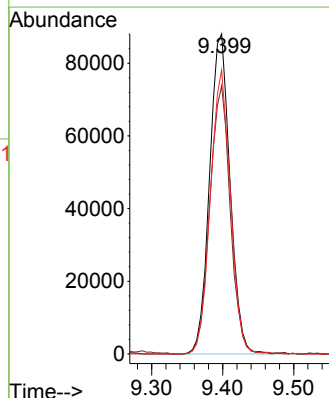
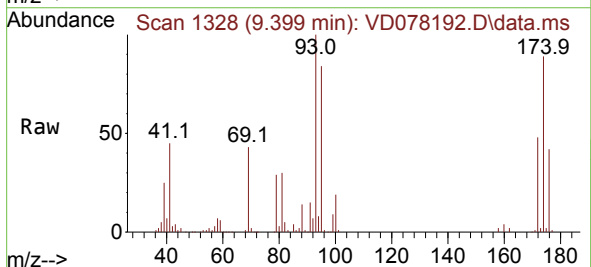
Tgt Ion: 93 Resp: 176045

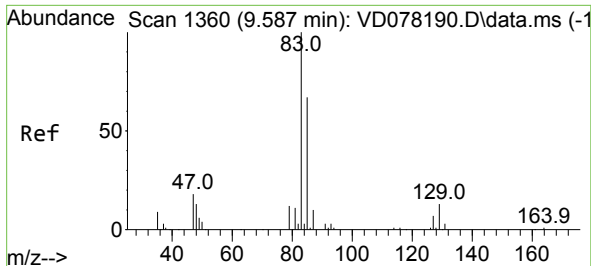
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

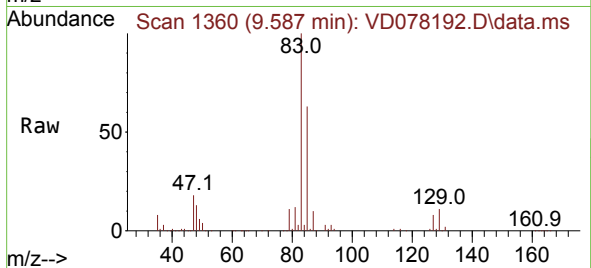
174 86.8 85.4 128.2



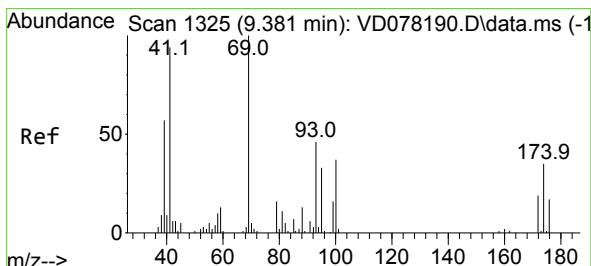
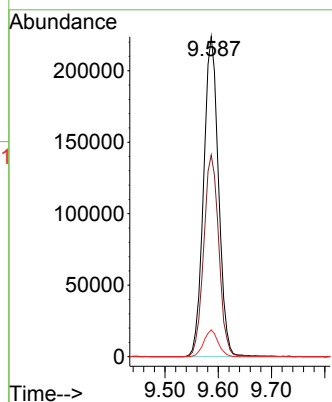
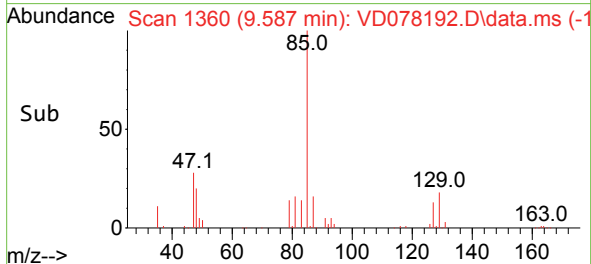


#47
Bromodichloromethane
Concen: 148.185 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Instrument :
MSVOA_D
ClientSampleId :

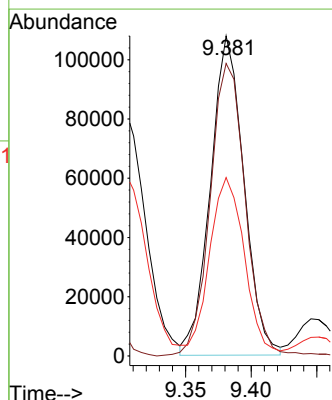
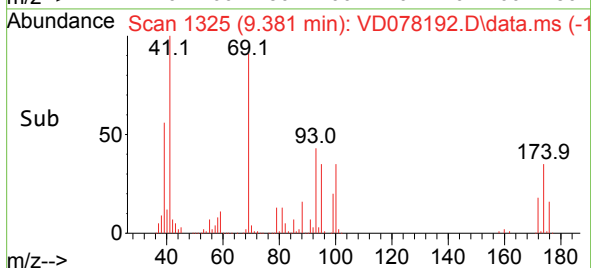
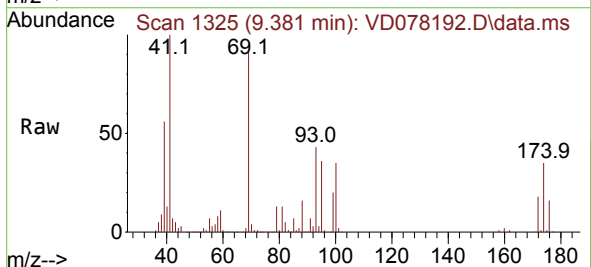


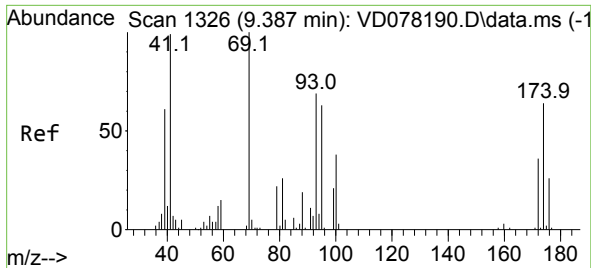
Tgt Ion: 83 Resp: 434199
Ion Ratio Lower Upper
83 100
85 63.1 50.2 75.4
127 8.4 6.3 9.5



#48
Methyl methacrylate
Concen: 160.862 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 41 Resp: 191594
Ion Ratio Lower Upper
41 100
69 96.5 102.2 153.2#
39 57.8 41.4 62.2

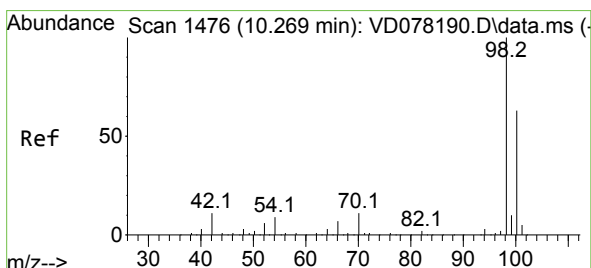
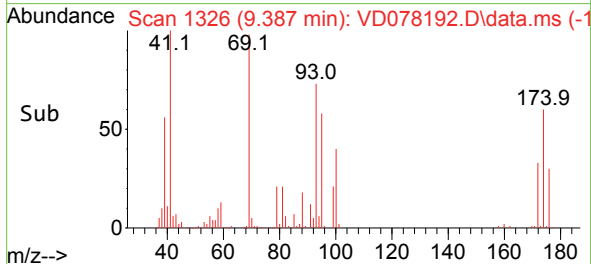
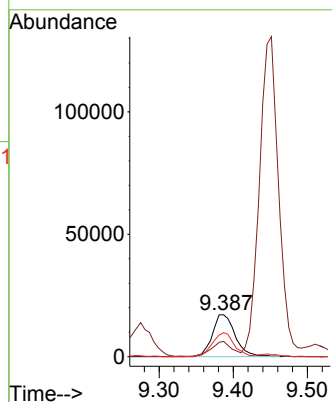
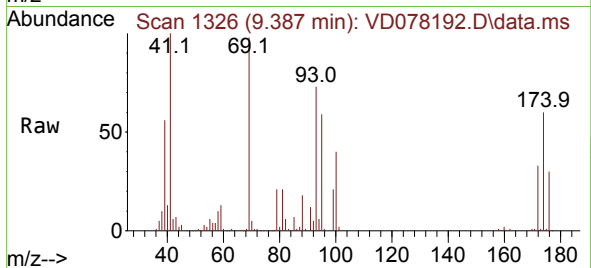




#49
1,4-Dioxane
Concen: 3258.632 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

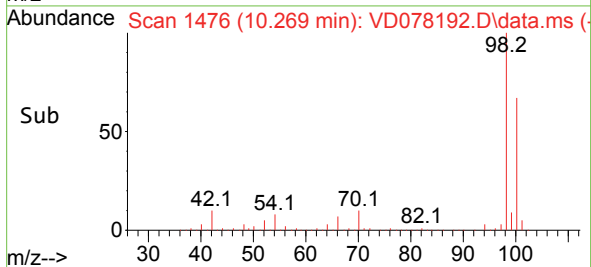
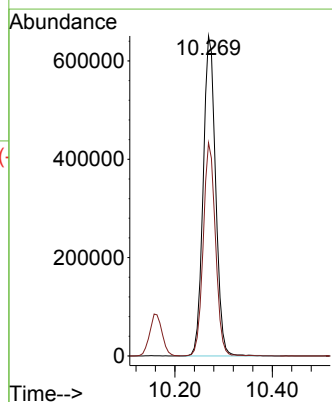
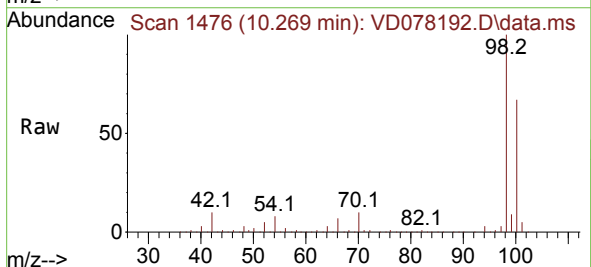
Instrument :
MSVOA_D
ClientSampleId :

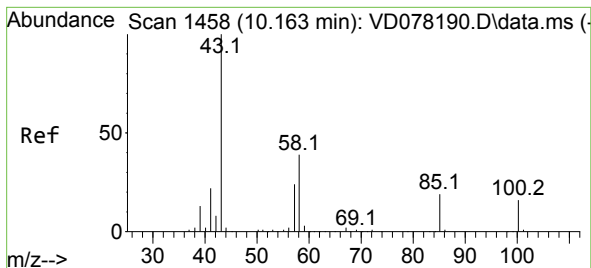
Tgt Ion: 88 Resp: 36779
Ion Ratio Lower Upper
88 100
43 32.7 19.0 28.6#
58 54.7 43.5 65.3



#50
Toluene-d8
Concen: 158.890 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 98 Resp: 1154001
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5

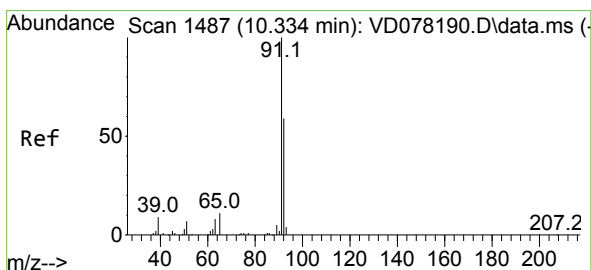
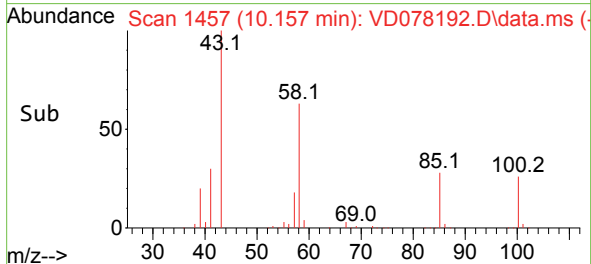
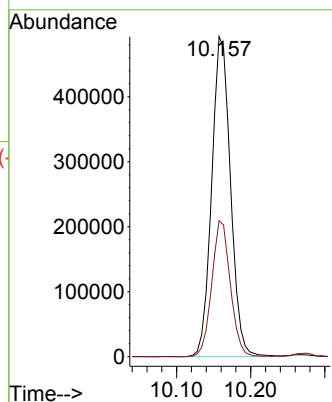
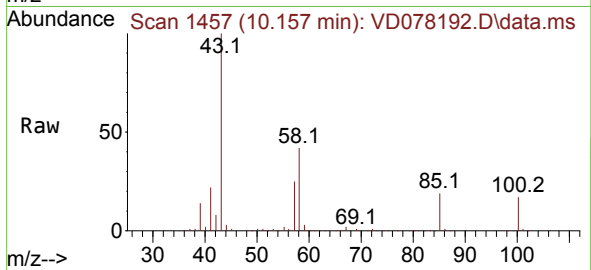




#51
4-Methyl-2-Pentanone
Concen: 804.522 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

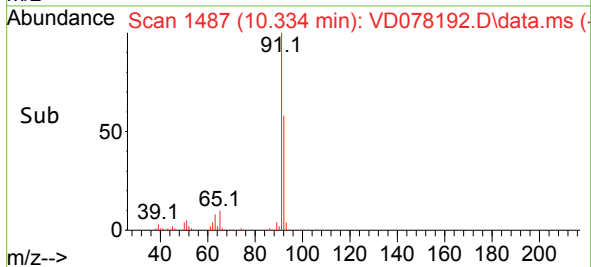
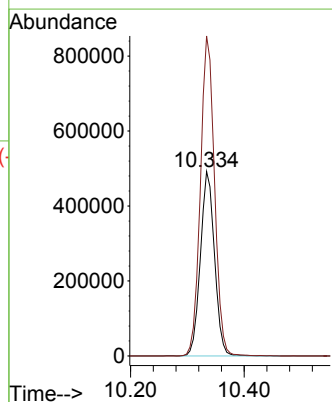
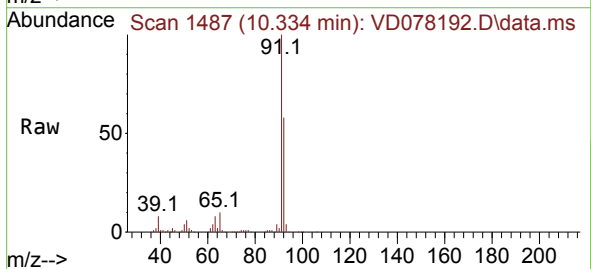
Instrument :
MSVOA_D
ClientSampleId :

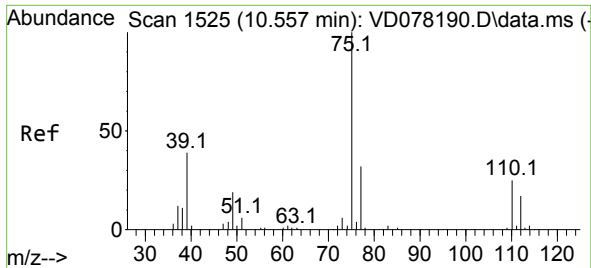
Tgt Ion: 43 Resp: 869725
Ion Ratio Lower Upper
43 100
58 41.9 38.9 58.3



#52
Toluene
Concen: 156.470 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 92 Resp: 848958
Ion Ratio Lower Upper
92 100
91 173.7 143.0 214.4

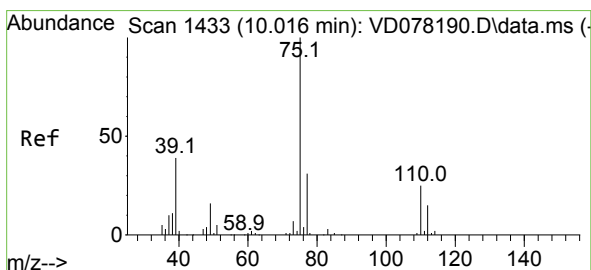
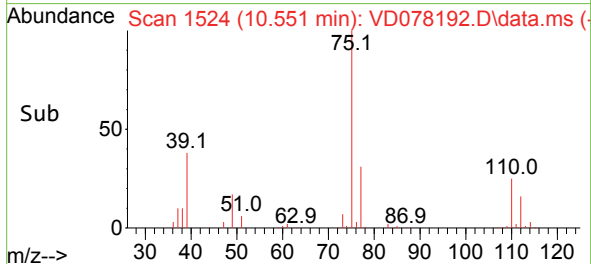
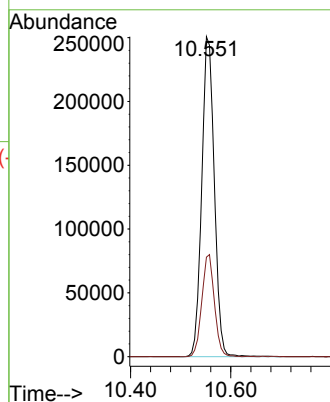
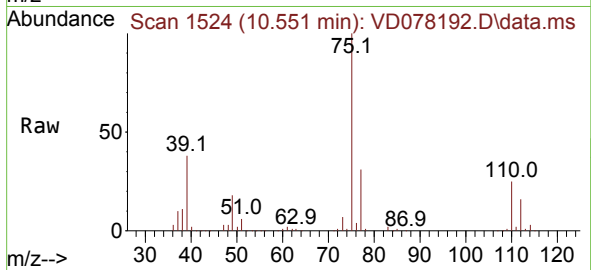




#53
 t-1,3-Dichloropropene
 Concen: 161.605 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD078192.D
 Acq: 22 Jan 2024 12:47

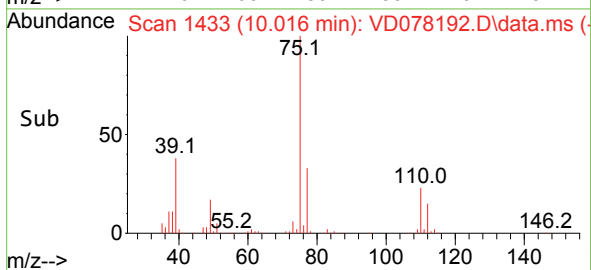
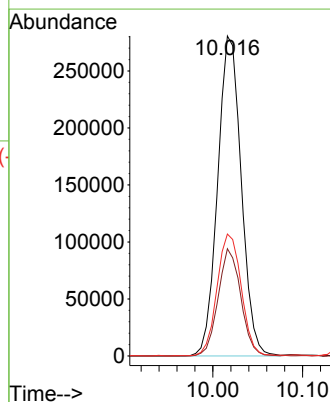
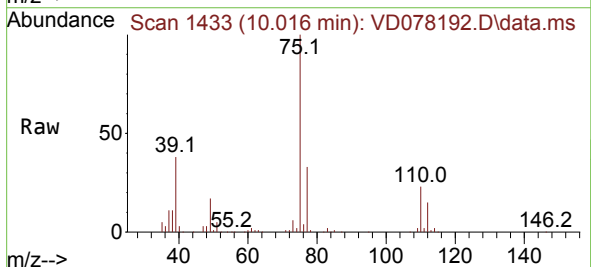
Instrument :
 MSVOA_D
 ClientSampleId :

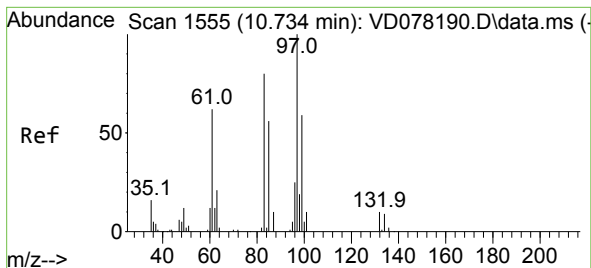
Tgt Ion: 75 Resp: 436850
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 158.274 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078192.D
 Acq: 22 Jan 2024 12:47

Tgt Ion: 75 Resp: 512897
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.5 38.3
 39 38.0 22.1 33.1#

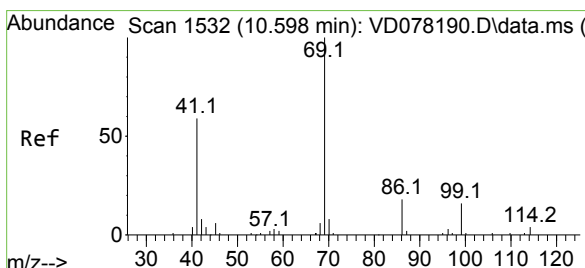
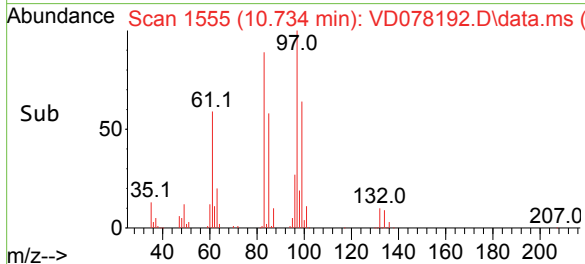
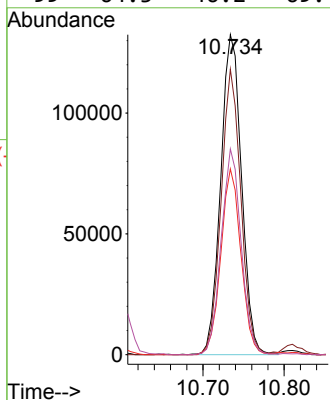
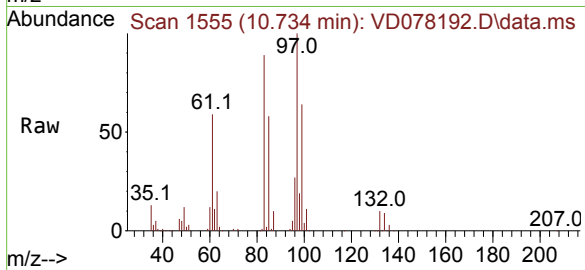




#55
1,1,2-Trichloroethane
Concen: 152.016 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

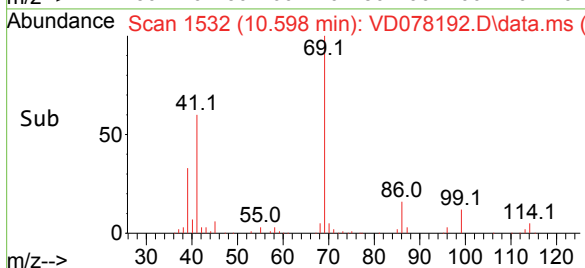
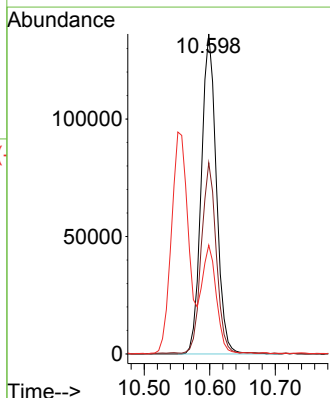
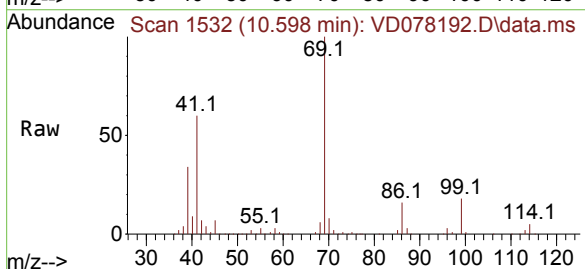
Instrument :
MSVOA_D
ClientSampleId :

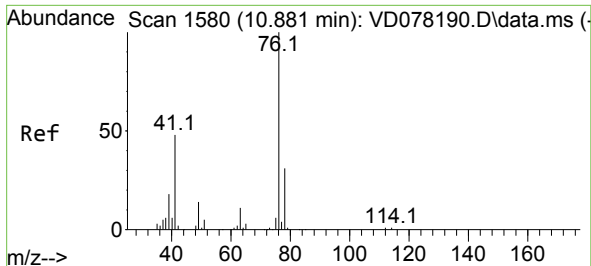
Tgt Ion:	97	Resp:	237268
Ion	Ratio	Lower	Upper
97	100		
83	89.2	65.8	98.6
85	58.1	45.7	68.5
99	64.3	46.2	69.4



#56
Ethyl methacrylate
Concen: 171.005 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion:	69	Resp:	218490
Ion	Ratio	Lower	Upper
69	100		
41	58.7	39.1	58.7
39	31.7	20.0	30.0#

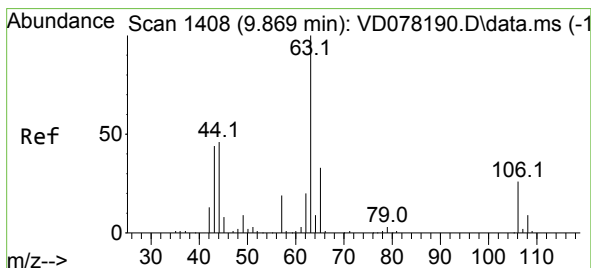
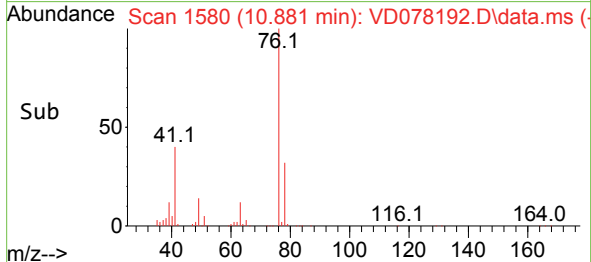
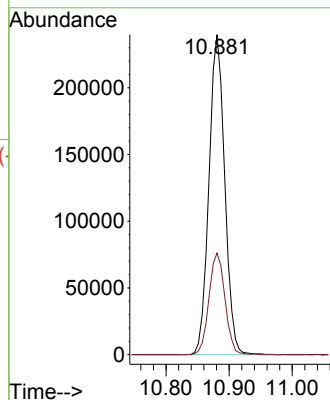
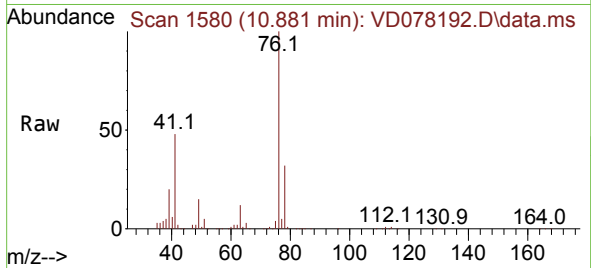




#57
1,3-Dichloropropane
Concen: 155.819 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

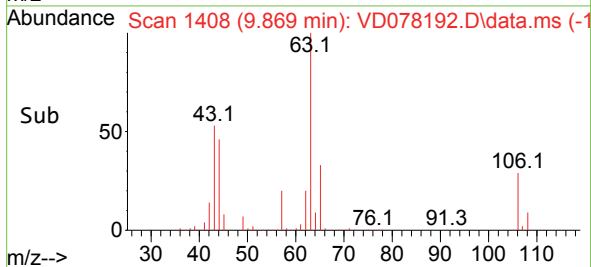
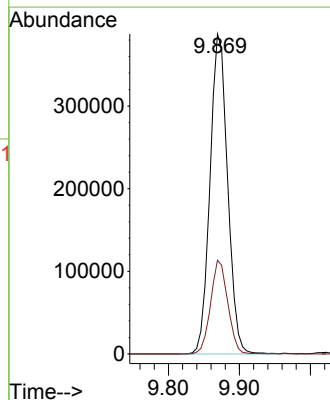
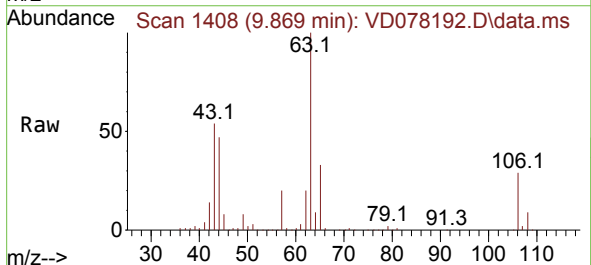
Instrument :
MSVOA_D
ClientSampleId :

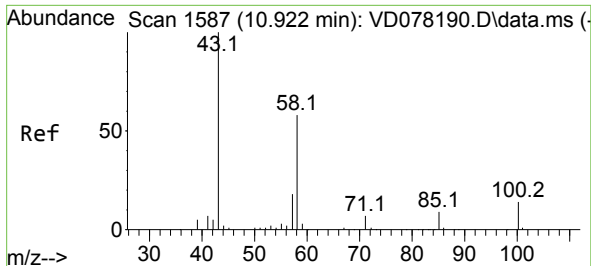
Tgt Ion: 76 Resp: 415920
Ion Ratio Lower Upper
76 100
78 32.3 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 871.172 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 63 Resp: 667035
Ion Ratio Lower Upper
63 100
106 28.6 25.3 37.9

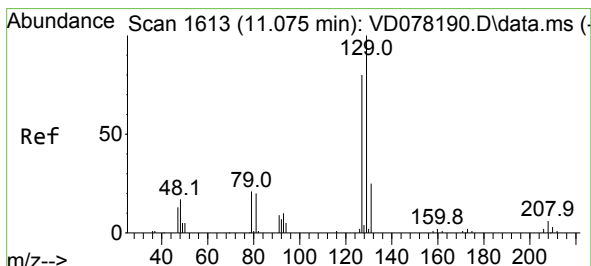
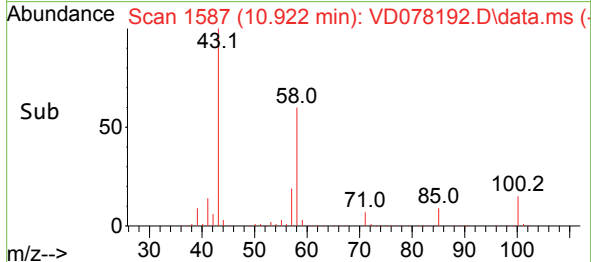
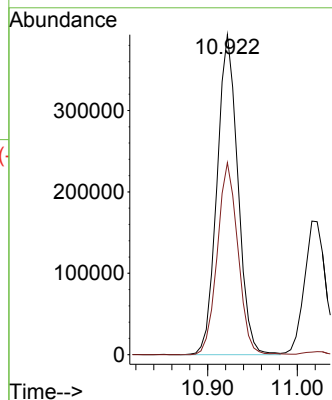
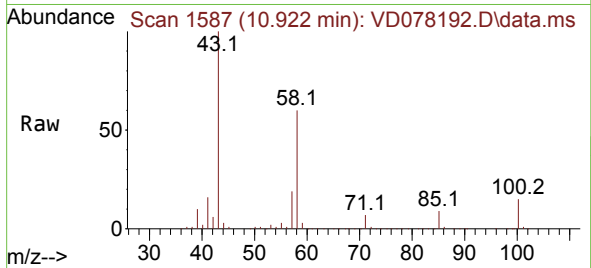




#59
2-Hexanone
Concen: 722.400 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

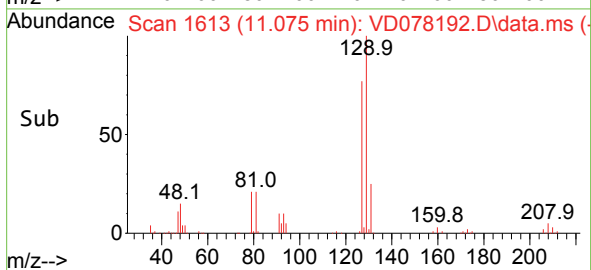
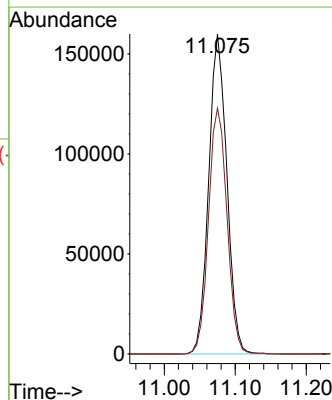
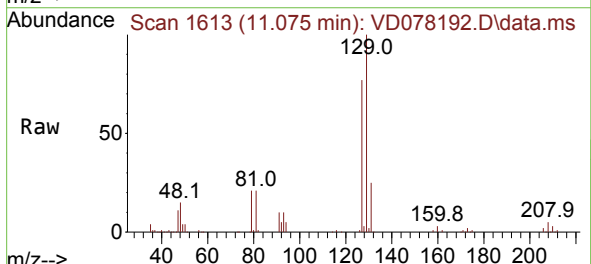
Instrument :
MSVOA_D
ClientSampleId :

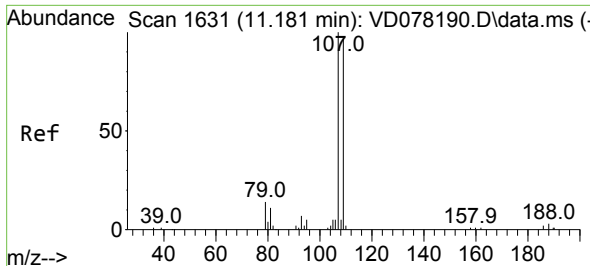
Tgt Ion: 43 Resp: 634611
Ion Ratio Lower Upper
43 100
58 59.3 34.1 102.2



#60
Dibromochloromethane
Concen: 154.072 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion:129 Resp: 283522
Ion Ratio Lower Upper
129 100
127 78.5 37.1 111.5

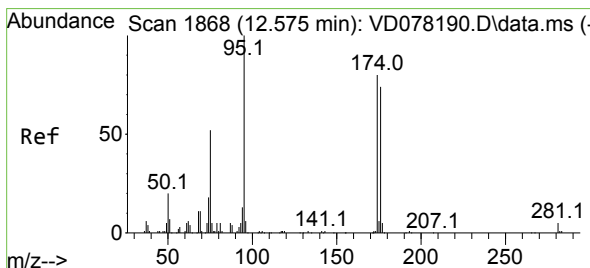
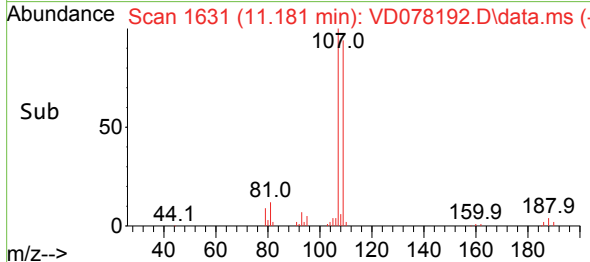
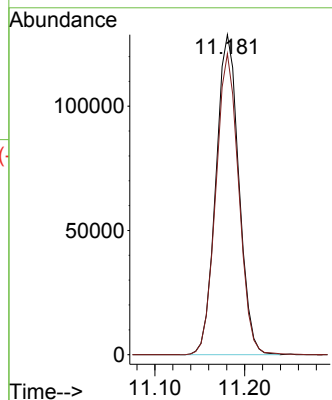
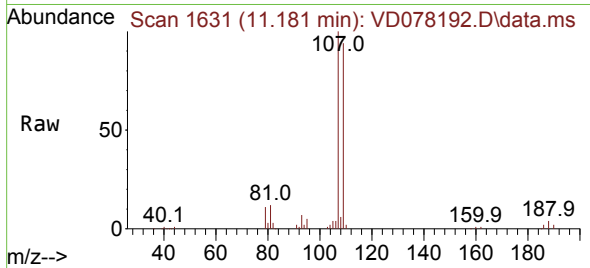




#61
1,2-Dibromoethane
Concen: 158.906 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

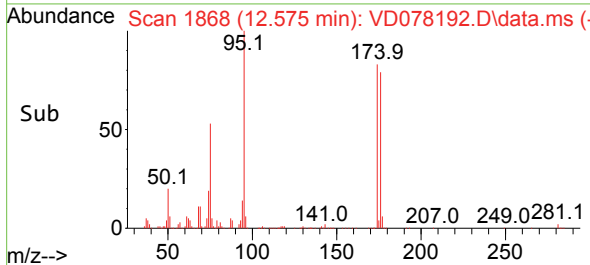
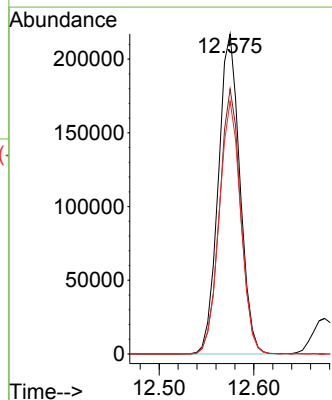
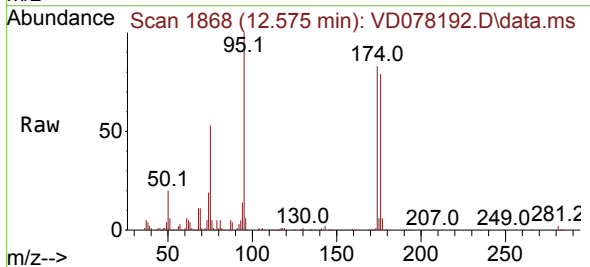
Instrument :
MSVOA_D
ClientSampleId :

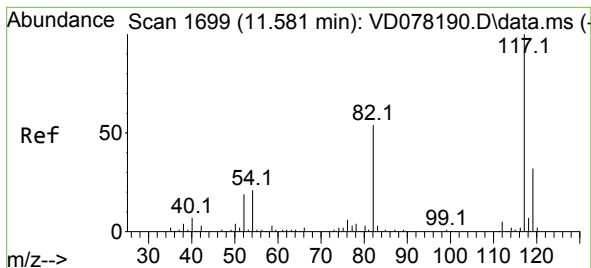
Tgt Ion:107 Resp: 228624
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 163.126 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 95 Resp: 343585
Ion Ratio Lower Upper
95 100
174 81.5 0.0 201.8
176 78.9 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Instrument :

MSVOA_D

ClientSampleId :

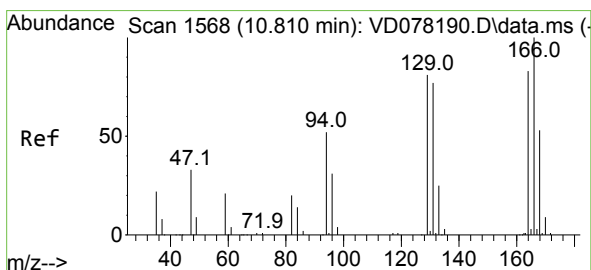
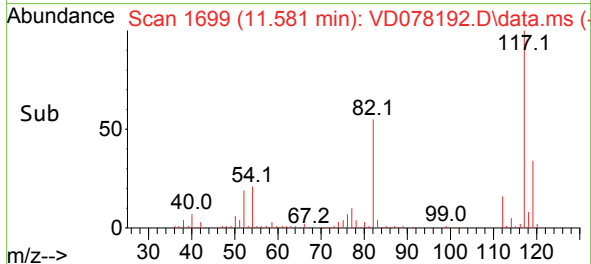
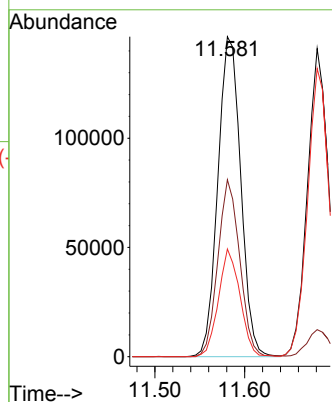
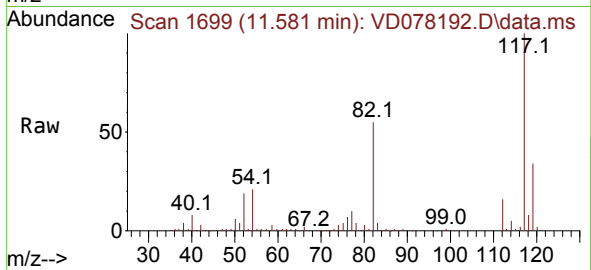
Tgt Ion:117 Resp: 259141

Ion Ratio Lower Upper

117 100

82 55.3 38.3 57.5

119 33.7 25.0 37.4



#64

Tetrachloroethene

Concen: 149.811 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Tgt Ion:164 Resp: 253841

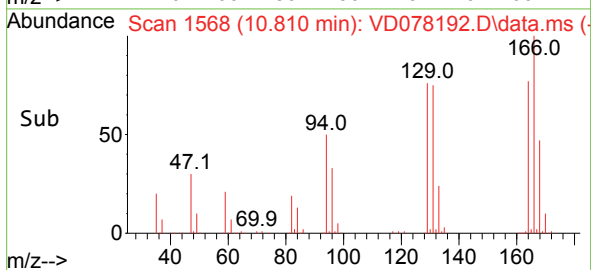
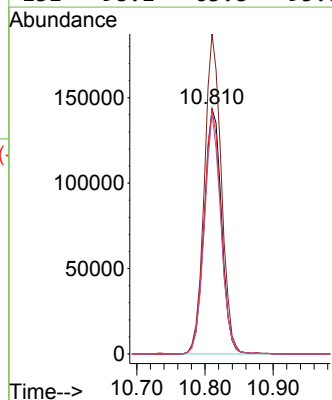
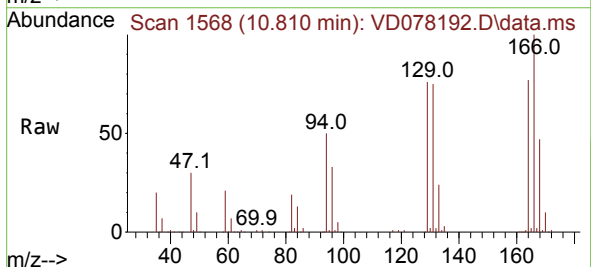
Ion Ratio Lower Upper

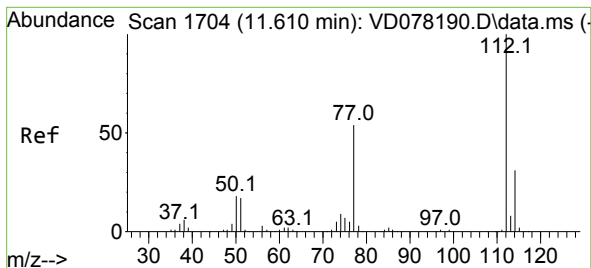
164 100

166 130.6 99.2 148.8

129 99.6 68.4 102.6

131 98.1 63.8 95.8#





#65

Chlorobenzene

Concen: 152.319 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Instrument :

MSVOA_D

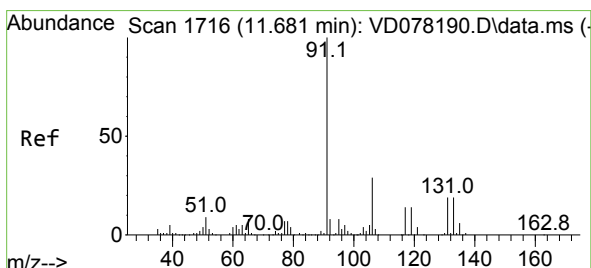
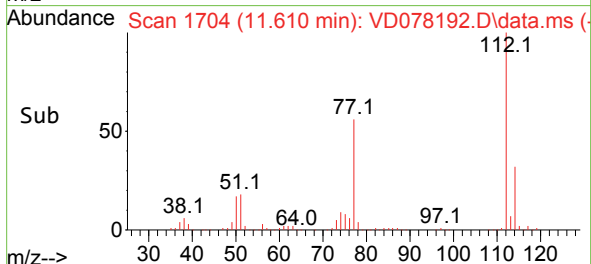
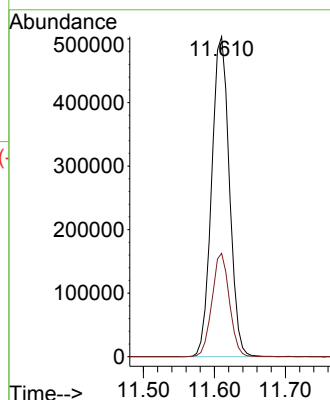
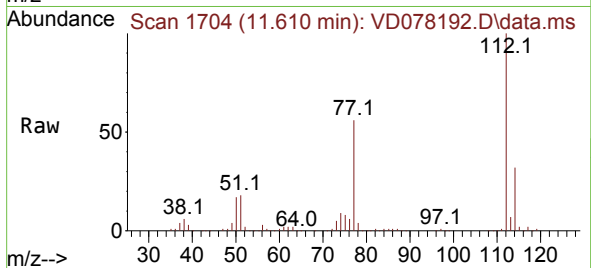
ClientSampleId :

Tgt Ion:112 Resp: 871968

Ion Ratio Lower Upper

112 100

114 32.3 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 159.367 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

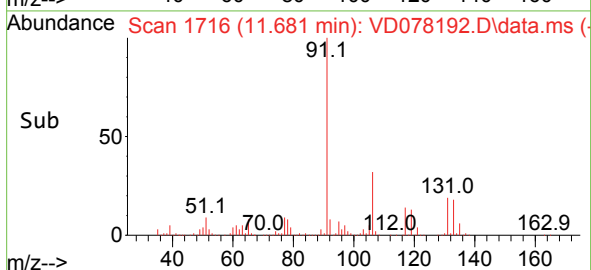
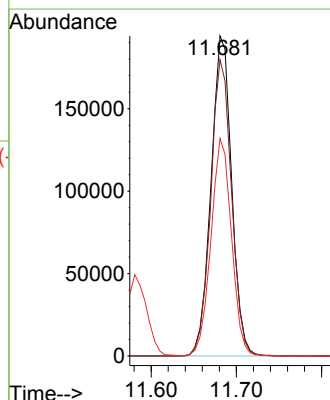
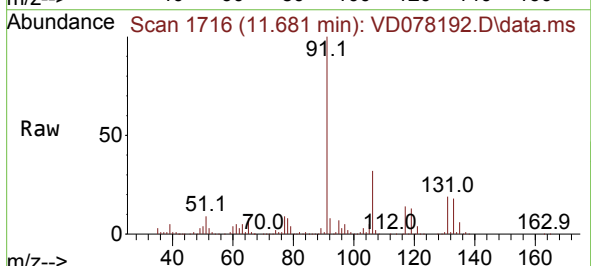
Tgt Ion:131 Resp: 326023

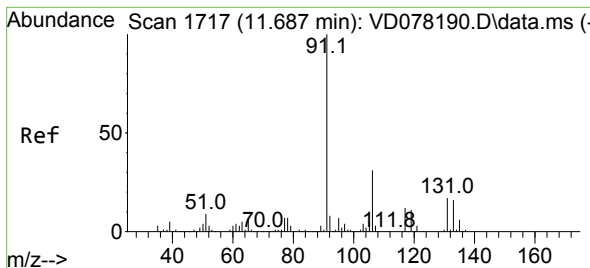
Ion Ratio Lower Upper

131 100

133 93.4 48.5 145.5

119 67.8 35.6 106.9





#67

Ethyl Benzene

Concen: 163.093 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Instrument :

MSVOA_D

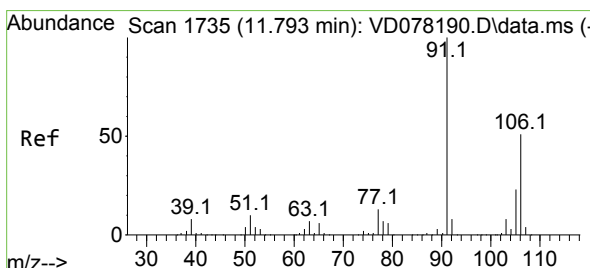
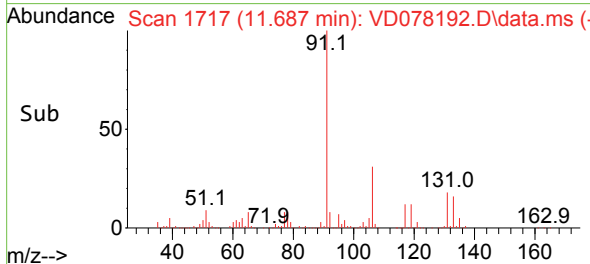
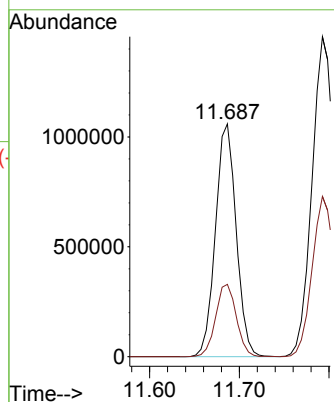
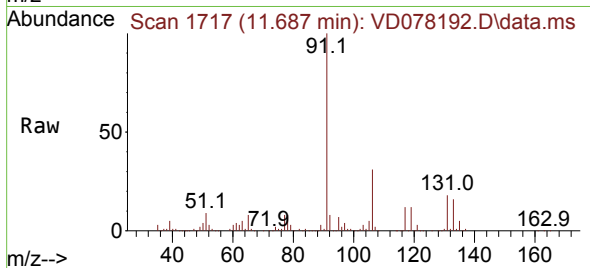
ClientSampleId :

Tgt Ion: 91 Resp: 1699015

Ion Ratio Lower Upper

91 100

106 31.0 26.5 39.7



#68

m/p-Xylenes

Concen: 325.237 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078192.D

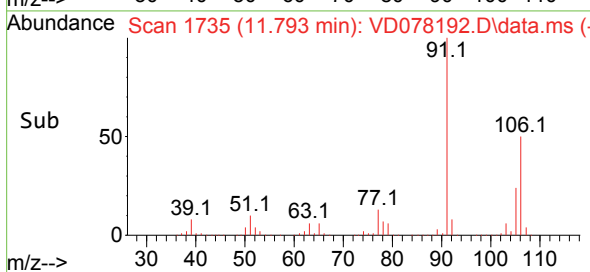
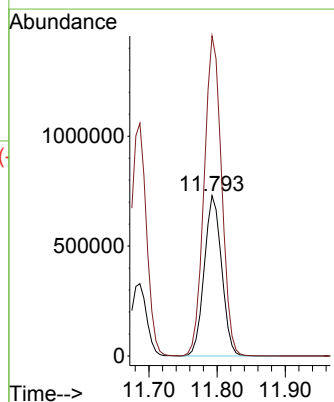
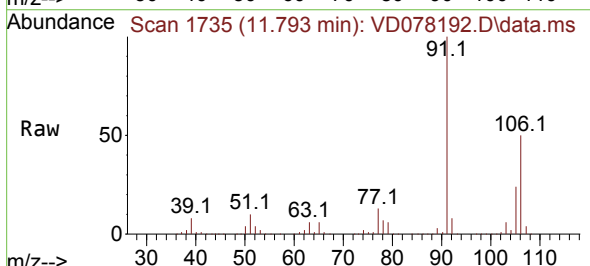
Acq: 22 Jan 2024 12:47

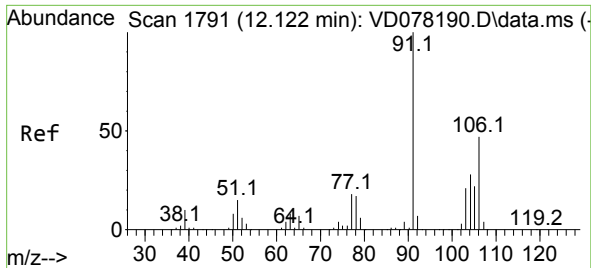
Tgt Ion:106 Resp: 1294012

Ion Ratio Lower Upper

106 100

91 200.8 147.0 220.6

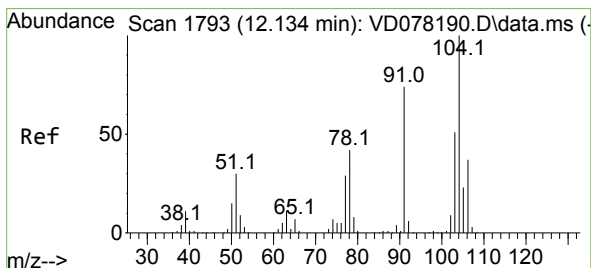
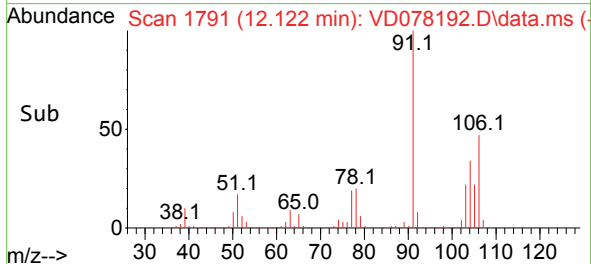
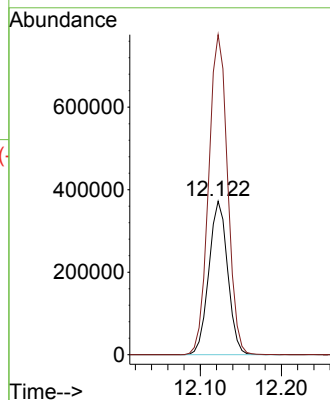
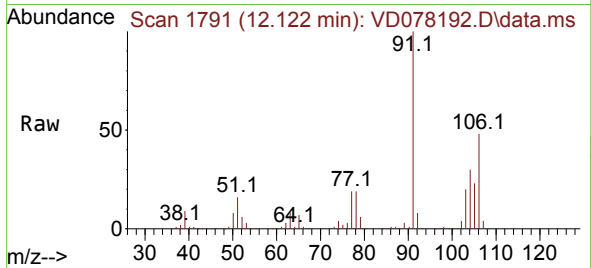




#69
o-Xylene
Concen: 165.582 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

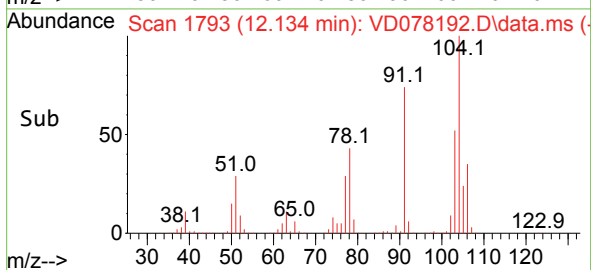
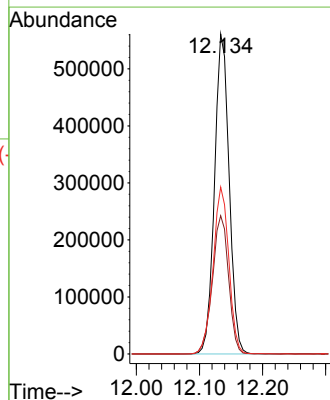
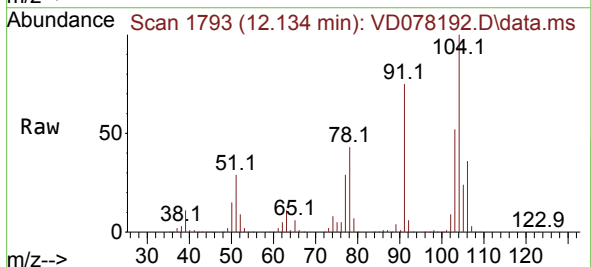
Instrument :
MSVOA_D
ClientSampleId :

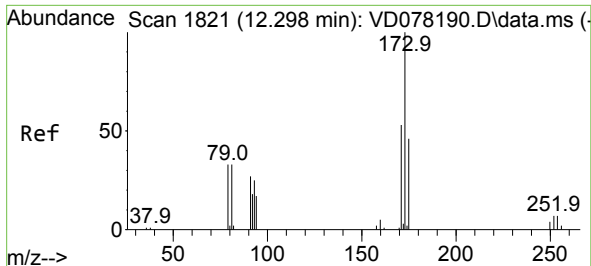
Tgt Ion:106 Resp: 597881
Ion Ratio Lower Upper
106 100
91 210.3 97.9 293.6



#70
Styrene
Concen: 167.159 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion:104 Resp: 904443
Ion Ratio Lower Upper
104 100
78 47.6 33.2 49.8
103 56.0 43.6 65.4

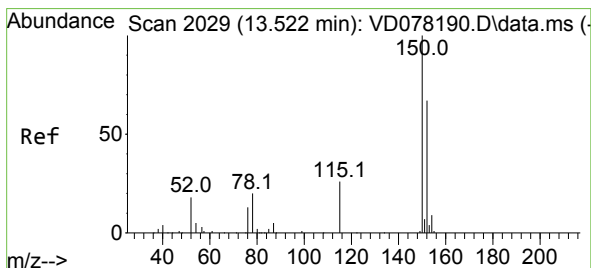
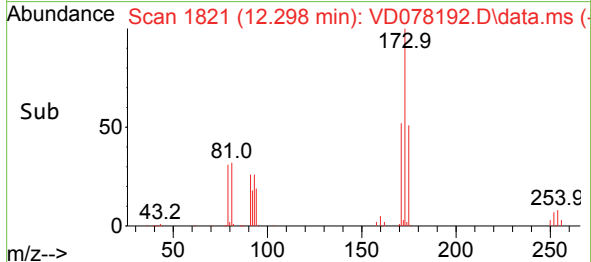
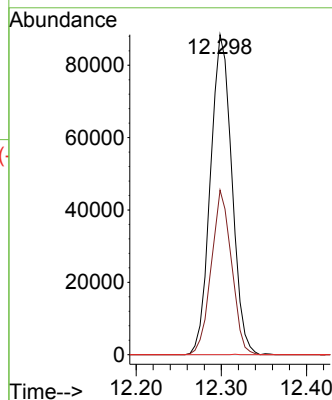
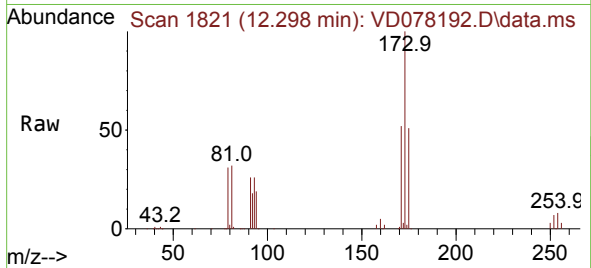




#71
Bromoform
Concen: 152.891 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

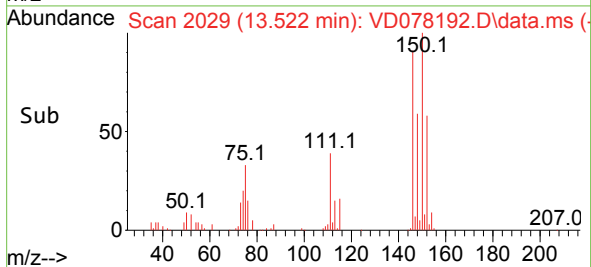
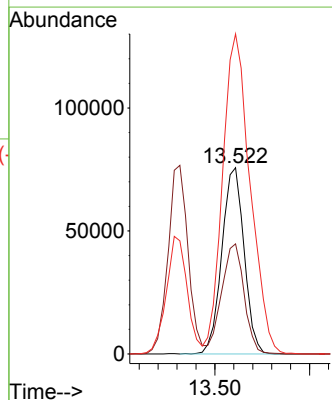
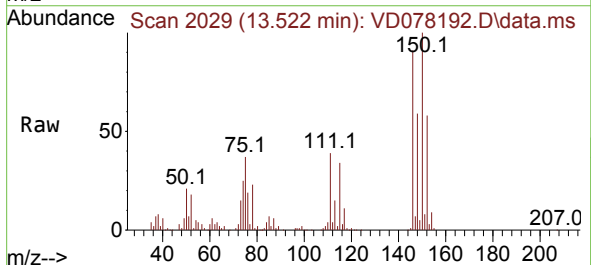
Instrument :
MSVOA_D
ClientSampleId :

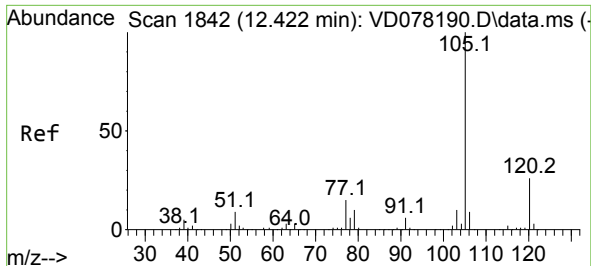
Tgt Ion:173 Resp: 154893
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion:152 Resp: 123665
Ion Ratio Lower Upper
152 100
115 60.3 27.1 81.3
150 212.9 0.0 353.6

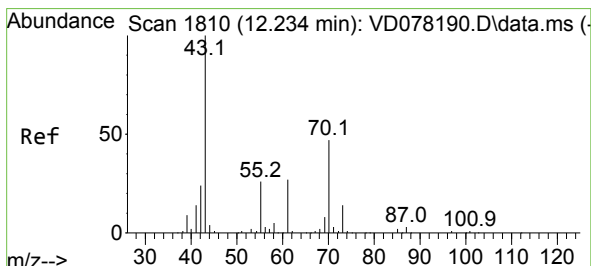
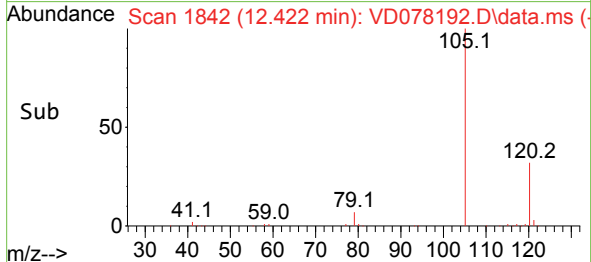
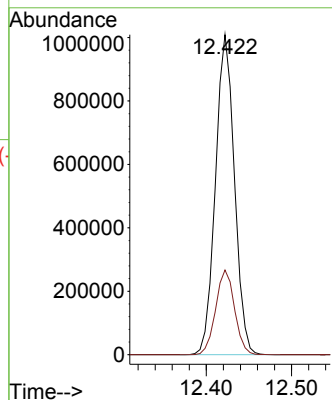
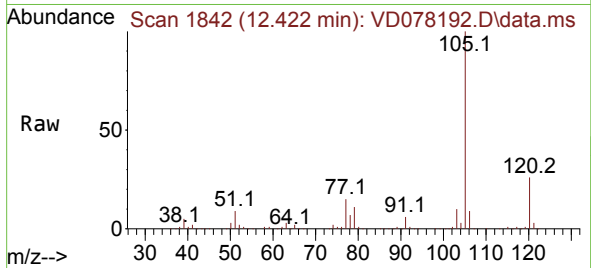




#73
Isopropylbenzene
Concen: 160.273 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

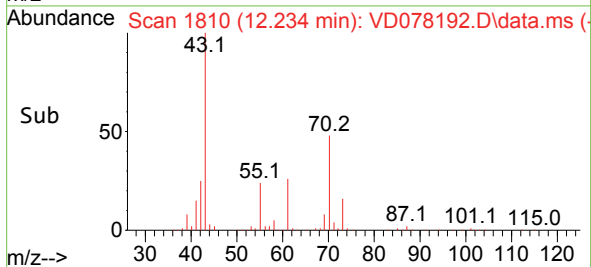
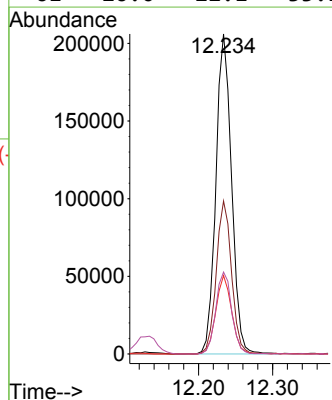
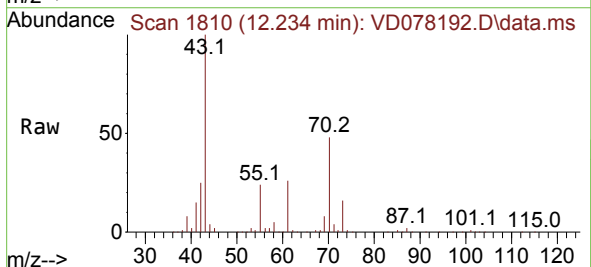
Instrument :
MSVOA_D
ClientSampleId :

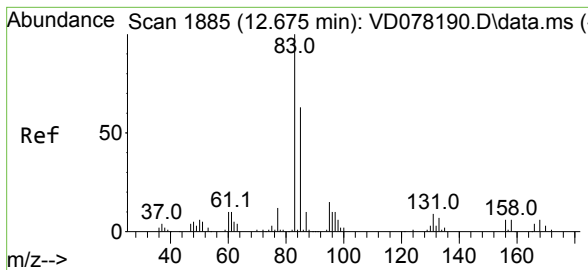
Tgt Ion:105 Resp: 1558406
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9



#74
N-ethyl acetate
Concen: 162.500 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 43 Resp: 302301
Ion Ratio Lower Upper
43 100
70 46.8 45.0 67.4
55 24.9 23.8 35.6
61 26.0 22.1 33.1

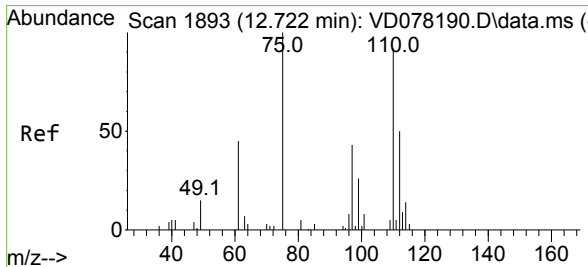
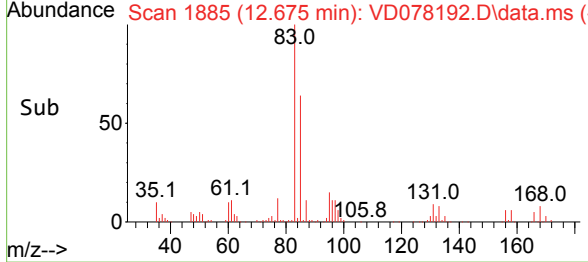
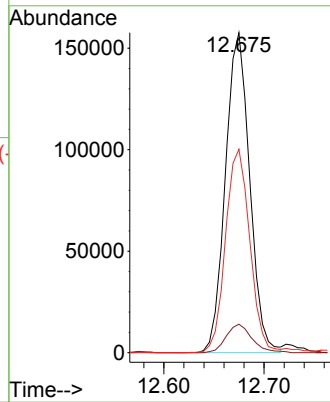
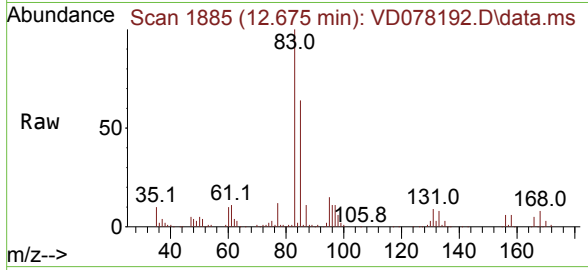




#75
1,1,2,2-Tetrachloroethane
Concen: 146.293 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

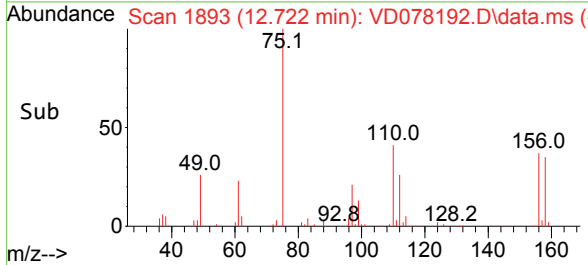
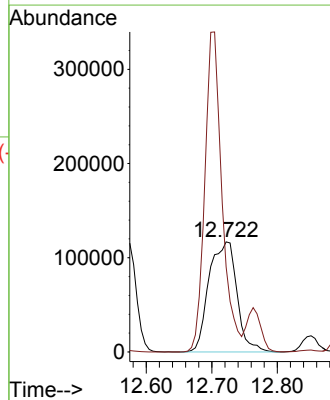
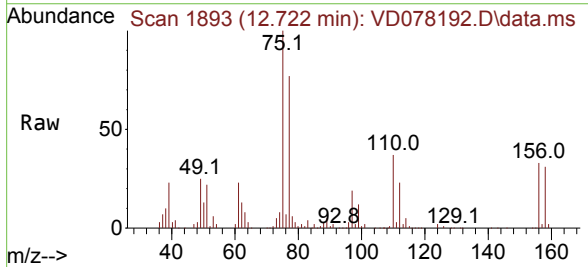
Instrument :
MSVOA_D
ClientSampleId :

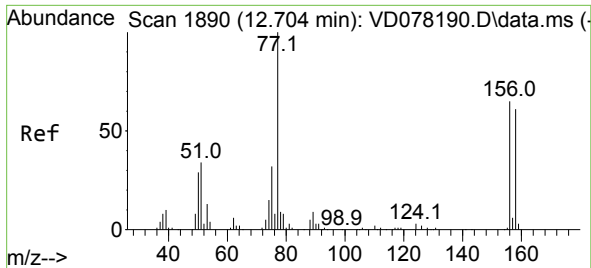
Tgt Ion: 83 Resp: 264686
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 63.6 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 302.050 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 75 Resp: 345210
Ion Ratio Lower Upper
75 100
77 180.5 0.0 0.0#

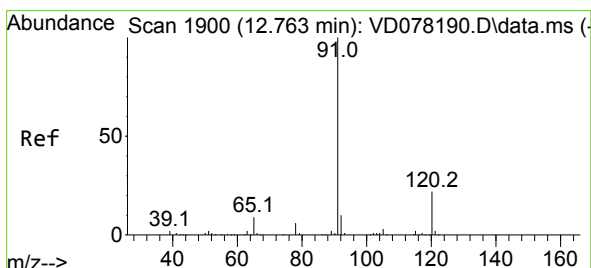
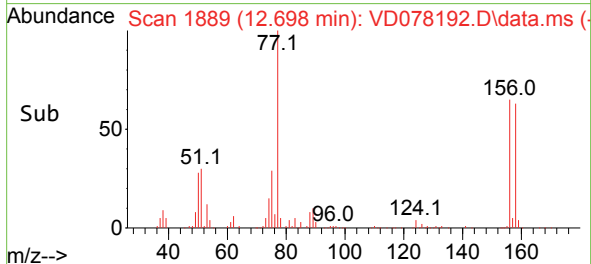
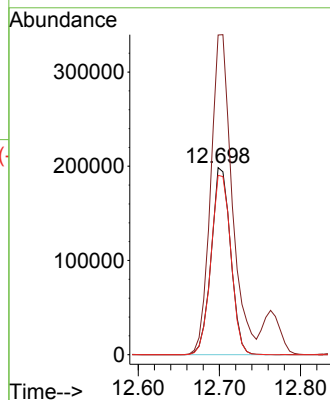
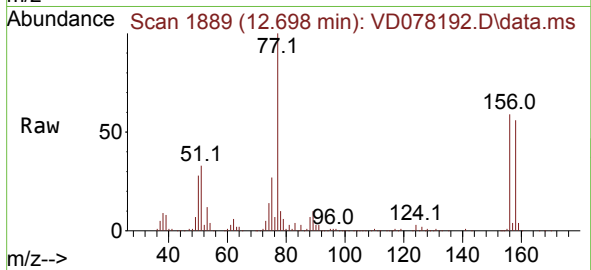




#77
Bromobenzene
Concen: 154.793 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

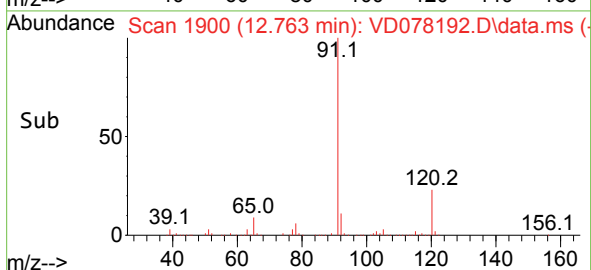
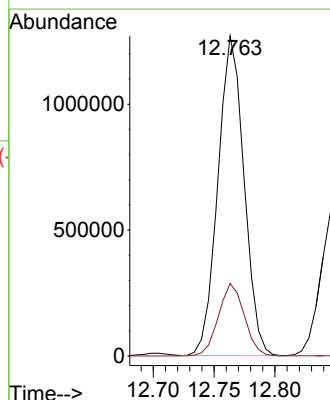
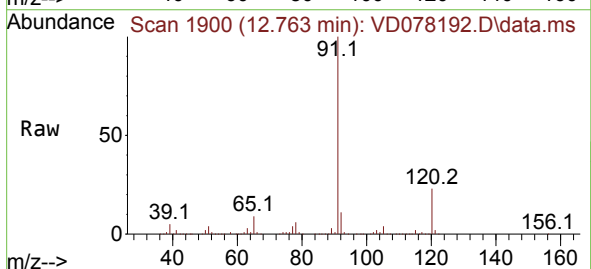
Instrument :
MSVOA_D
ClientSampleId :

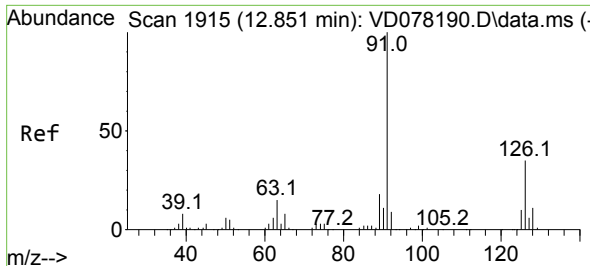
Tgt Ion:156 Resp: 329996
Ion Ratio Lower Upper
156 100
77 188.8 76.8 230.4
158 98.2 48.6 145.9



#78
n-propylbenzene
Concen: 157.182 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 91 Resp: 1895577
Ion Ratio Lower Upper
91 100
120 22.4 12.4 37.2

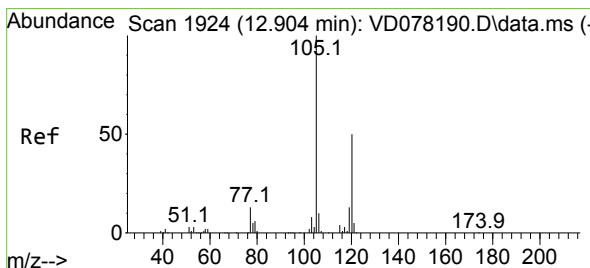
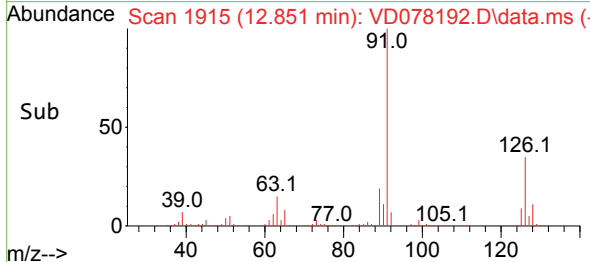
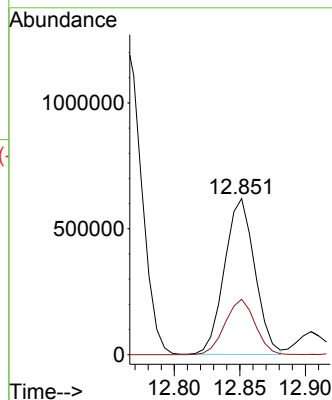
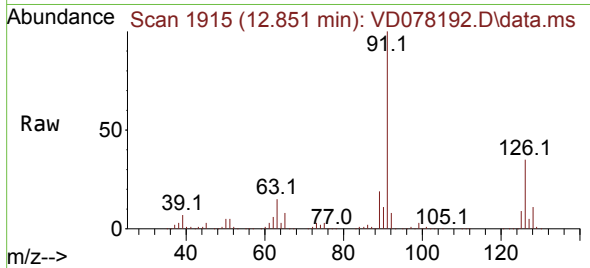




#79
2-Chlorotoluene
Concen: 154.933 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

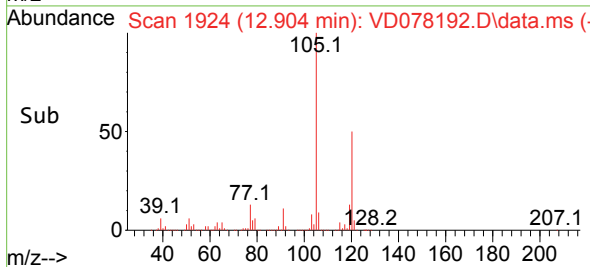
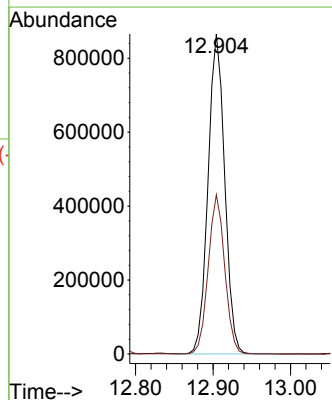
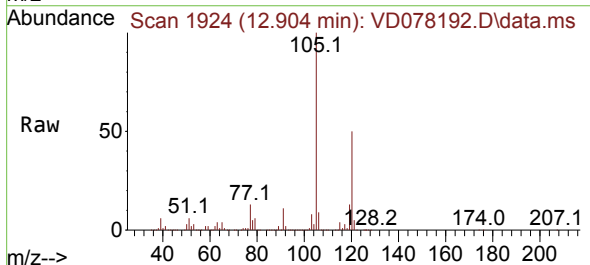
Instrument :
MSVOA_D
ClientSampleId :

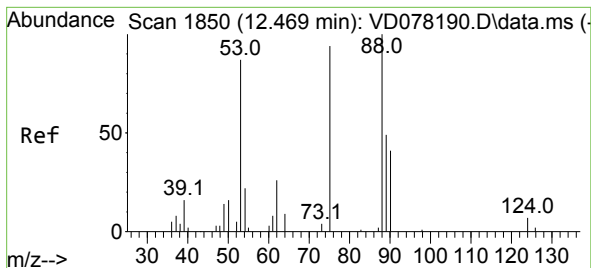
Tgt Ion: 91 Resp: 997092
Ion Ratio Lower Upper
91 100
126 35.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 160.373 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 105 Resp: 1293003
Ion Ratio Lower Upper
105 100
120 49.2 26.4 79.2

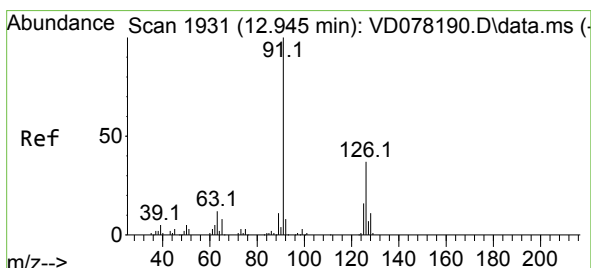
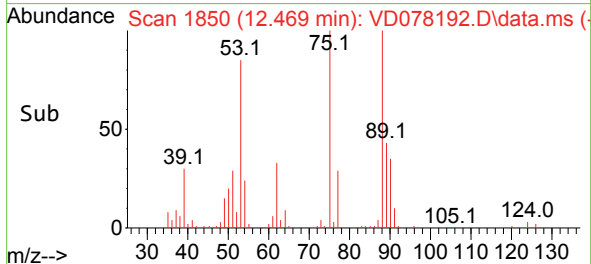
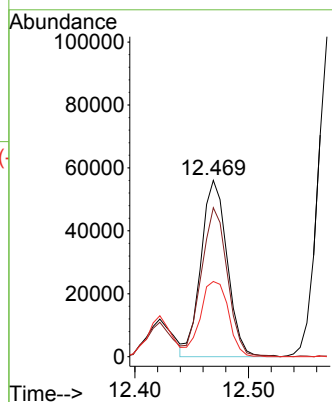
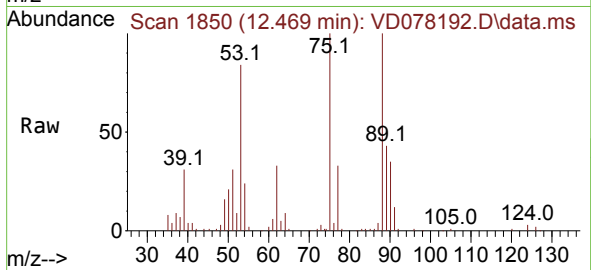




#81
trans-1,4-Dichloro-2-butene
Concen: 163.211 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

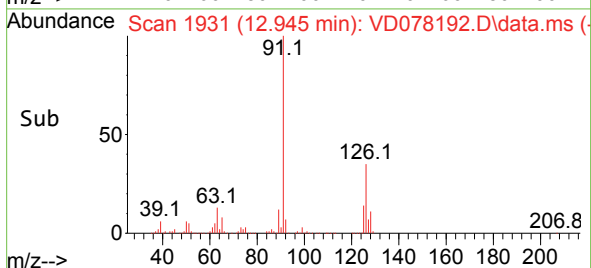
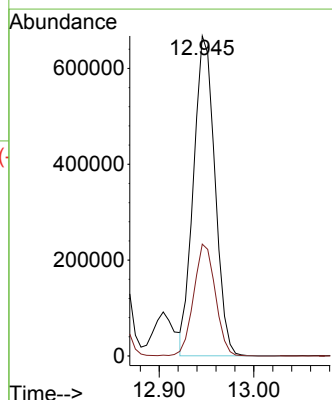
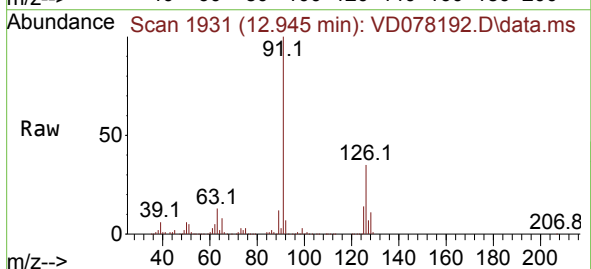
Instrument :
MSVOA_D
ClientSampleId :

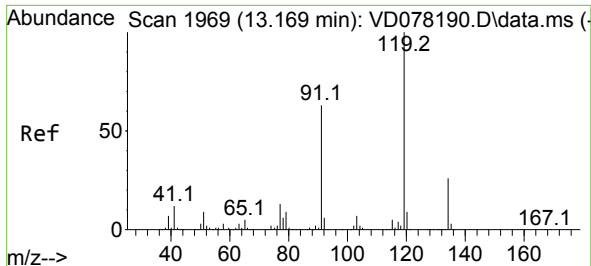
Tgt Ion: 75 Resp: 89871
Ion Ratio Lower Upper
75 100
53 84.4 63.0 94.4
89 46.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 154.375 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

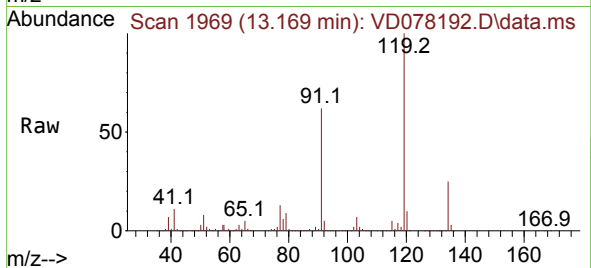
Tgt Ion: 91 Resp: 1047281
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.4



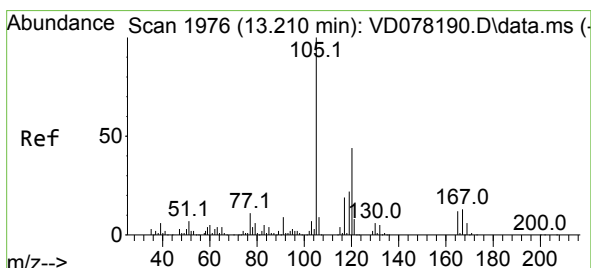
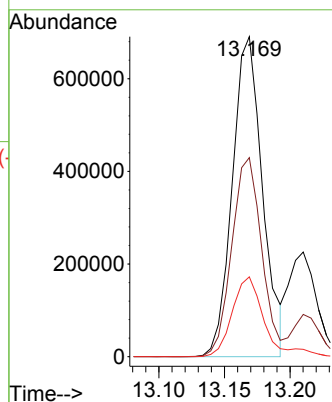
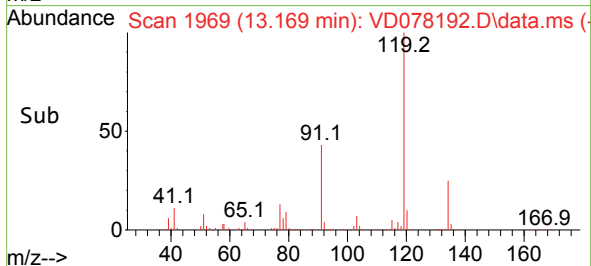


#83
tert-Butylbenzene
Concen: 164.275 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Instrument :
MSVOA_D
ClientSampleId :

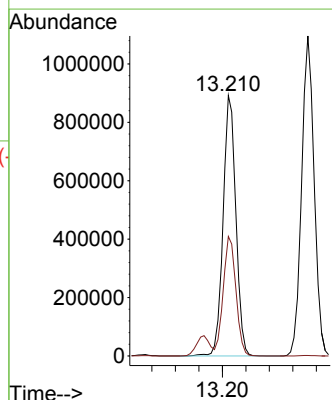
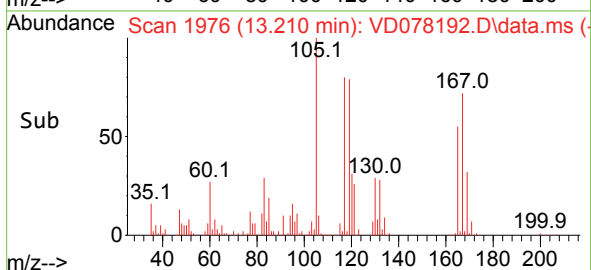
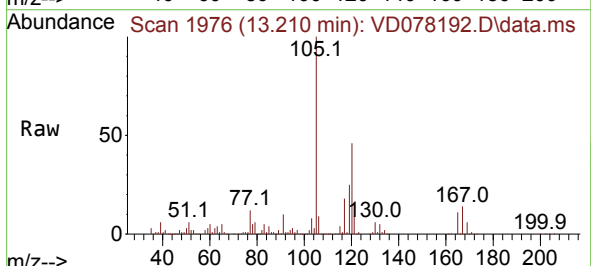


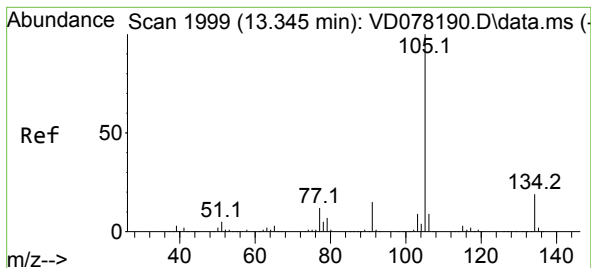
Tgt Ion:119 Resp: 1107183
Ion Ratio Lower Upper
119 100
91 61.5 29.3 87.8
134 26.6 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 164.686 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion:105 Resp: 1342853
Ion Ratio Lower Upper
105 100
120 45.5 24.3 72.9





#85

sec-Butylbenzene

Concen: 158.541 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Instrument :

MSVOA_D

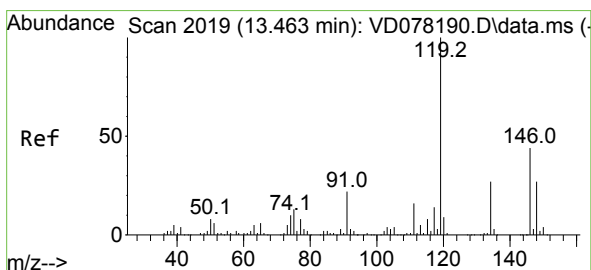
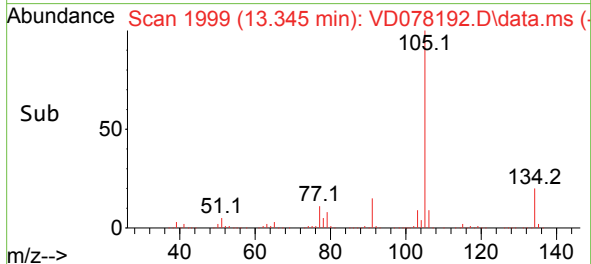
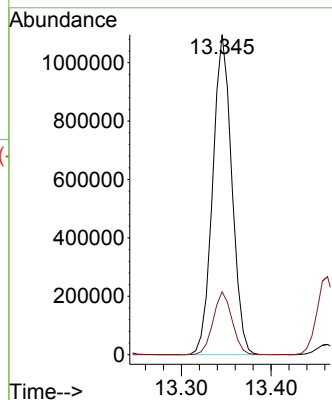
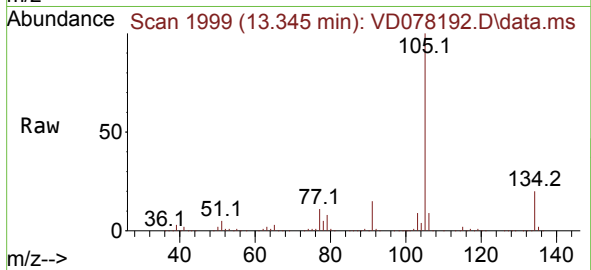
ClientSampleId :

Tgt Ion:105 Resp: 1617959

Ion Ratio Lower Upper

105 100

134 19.5 10.9 32.9



#86

p-Isopropyltoluene

Concen: 166.734 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

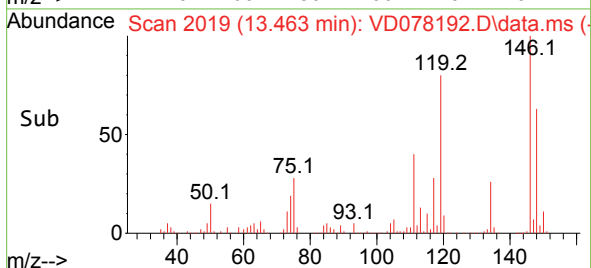
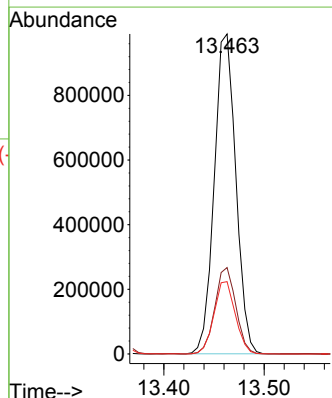
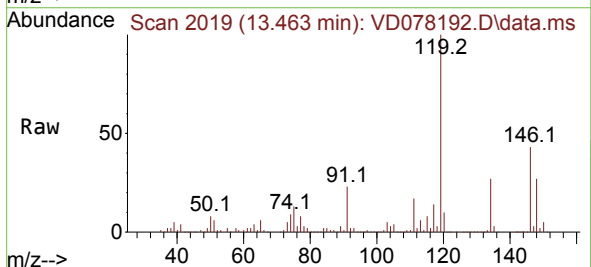
Tgt Ion:119 Resp: 1480748

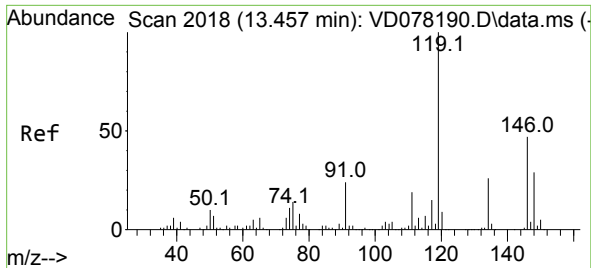
Ion Ratio Lower Upper

119 100

134 26.3 14.2 42.6

91 22.5 10.5 31.5

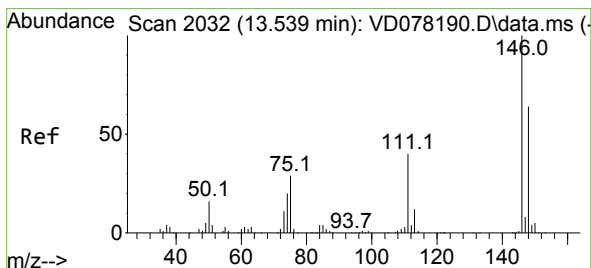
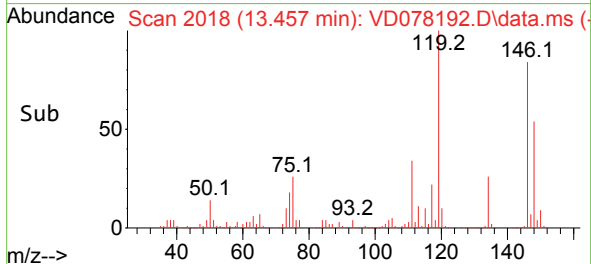
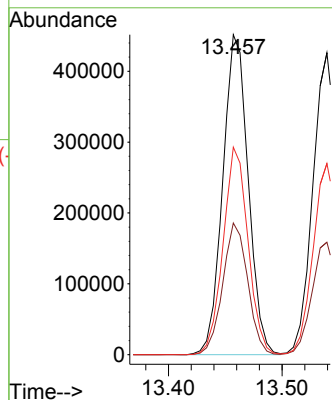
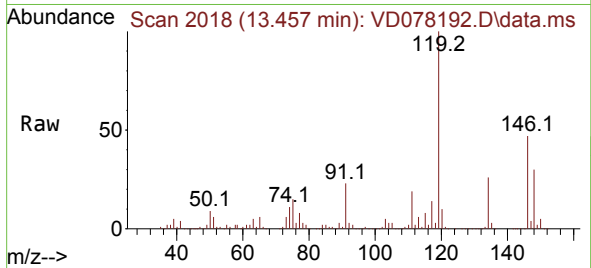




#87
1,3-Dichlorobenzene
Concen: 159.171 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

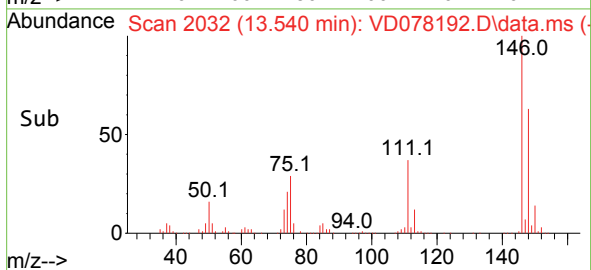
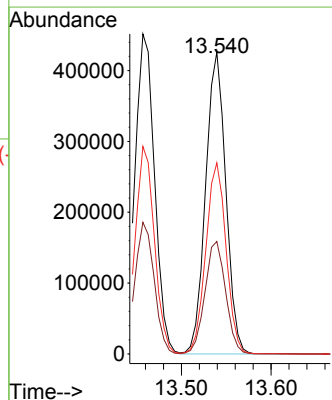
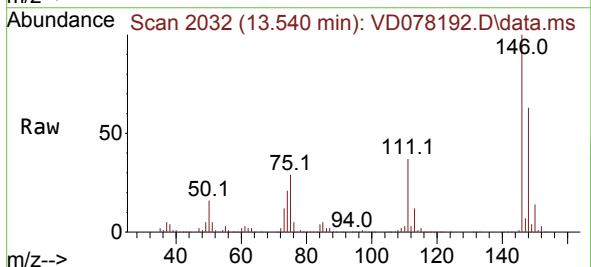
Instrument :
MSVOA_D
ClientSampleId :

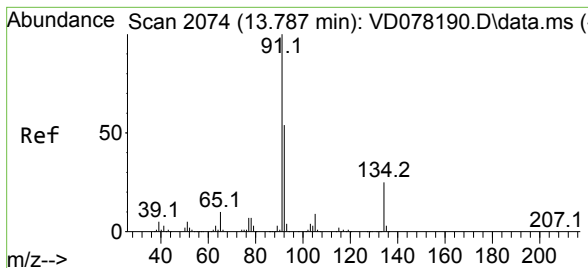
Tgt Ion:146 Resp: 702559
Ion Ratio Lower Upper
146 100
111 40.5 17.9 53.8
148 63.5 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 152.600 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion:146 Resp: 665435
Ion Ratio Lower Upper
146 100
111 38.2 17.4 52.3
148 63.8 31.7 95.1





#89

n-Butylbenzene

Concen: 159.775 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

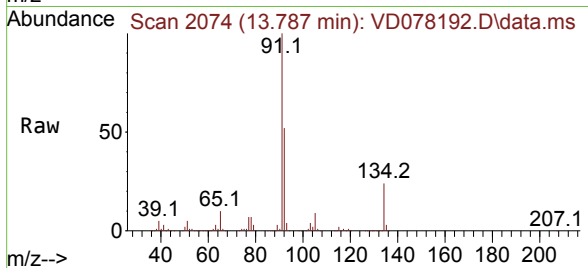
Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Instrument :

MSVOA_D

ClientSampleId :



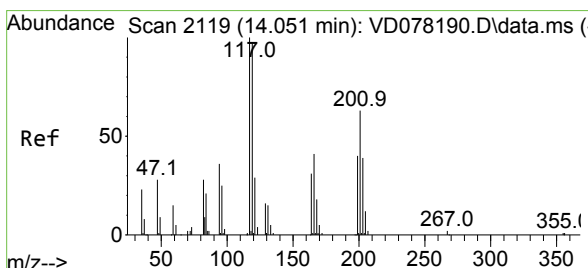
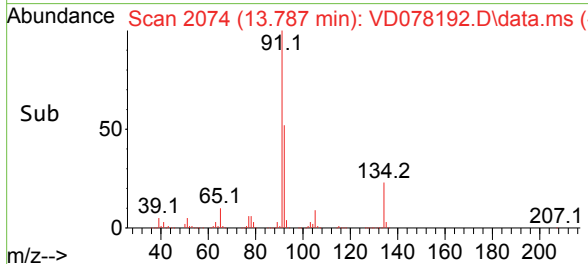
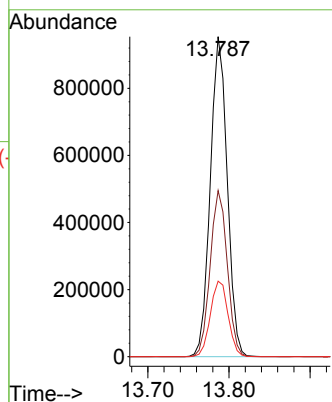
Tgt Ion: 91 Resp: 1381324

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 24.7 13.8 41.3



#90

Hexachloroethane

Concen: 154.475 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078192.D

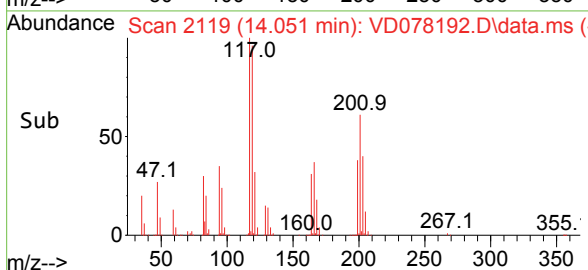
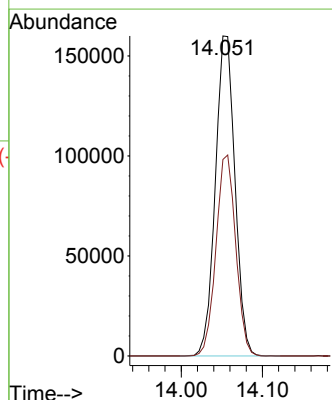
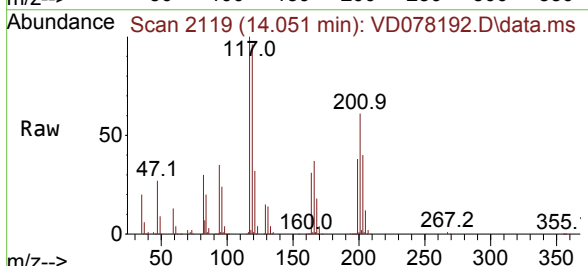
Acq: 22 Jan 2024 12:47

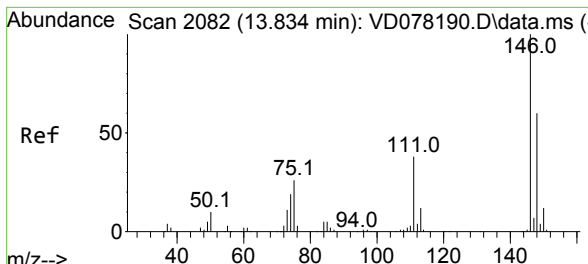
Tgt Ion: 117 Resp: 269109

Ion Ratio Lower Upper

117 100

201 63.2 38.5 115.5

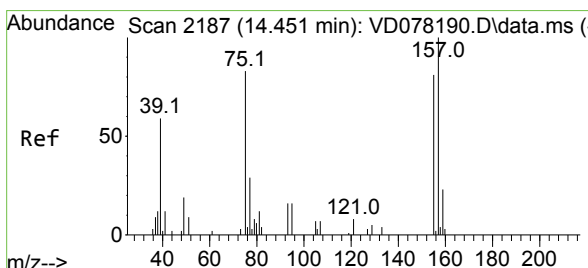
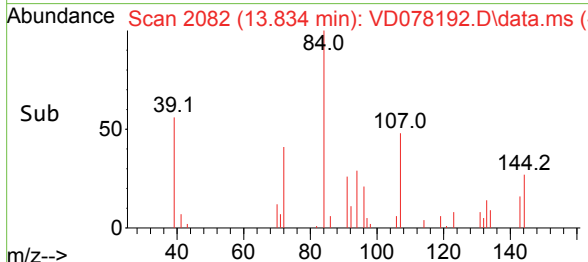
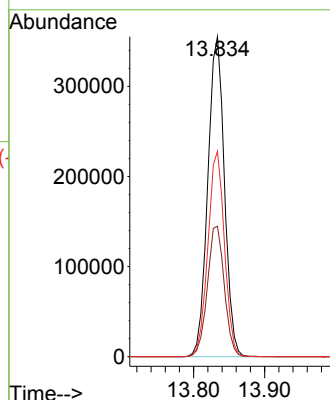
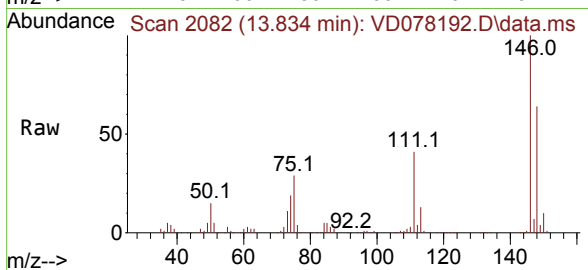




#91
1,2-Dichlorobenzene
Concen: 155.706 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

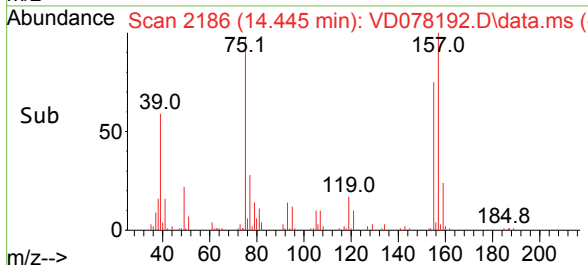
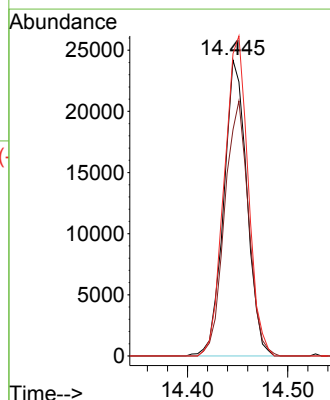
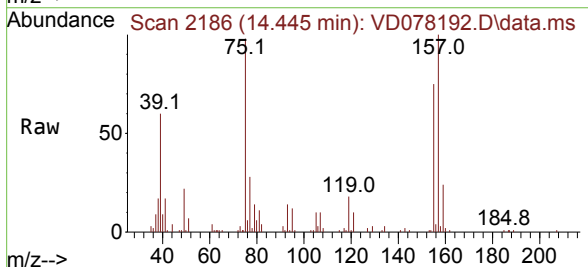
Instrument :
MSVOA_D
ClientSampleId :

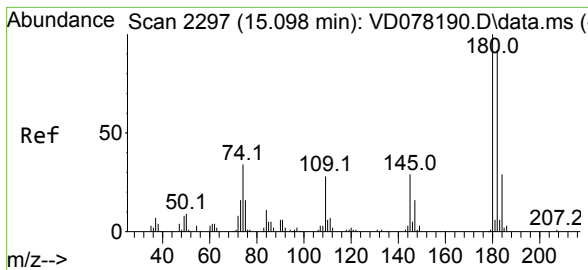
Tgt Ion:146 Resp: 577914
Ion Ratio Lower Upper
146 100
111 41.5 18.3 54.8
148 63.8 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 150.384 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078192.D
Acq: 22 Jan 2024 12:47

Tgt Ion: 75 Resp: 38883
Ion Ratio Lower Upper
75 100
155 88.8 47.9 143.8
157 111.1 59.9 179.7

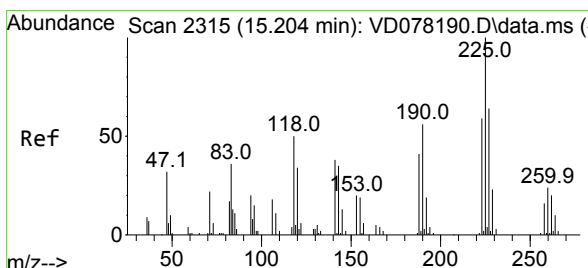
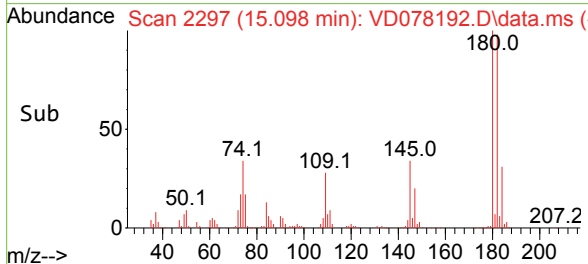
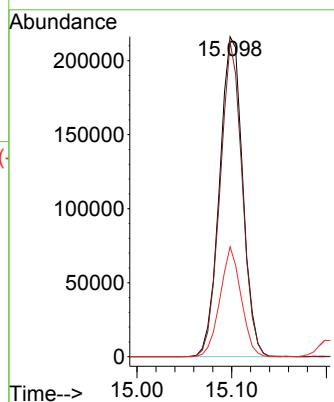
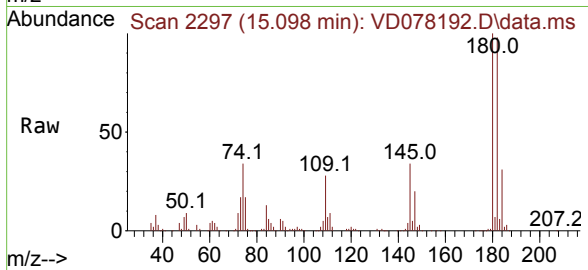




#93
 1,2,4-Trichlorobenzene
 Concen: 159.943 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078192.D
 Acq: 22 Jan 2024 12:47

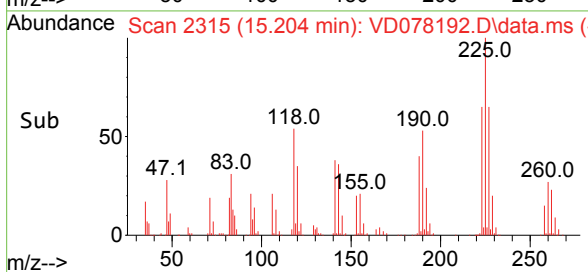
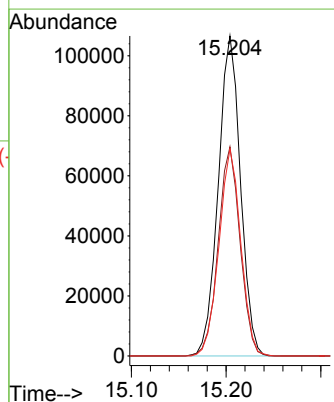
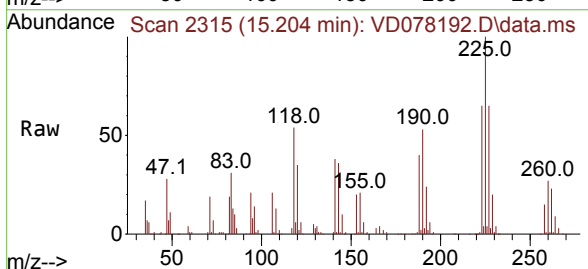
Instrument :
 MSVOA_D
 ClientSampleId :

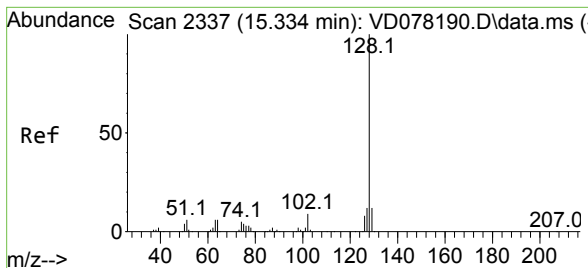
Tgt Ion:180 Resp: 366957
 Ion Ratio Lower Upper
 180 100
 182 94.2 48.5 145.6
 145 31.3 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 157.216 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078192.D
 Acq: 22 Jan 2024 12:47

Tgt Ion:225 Resp: 174302
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.6 94.8
 227 63.5 31.7 95.1





#95

Naphthalene

Concen: 175.241 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

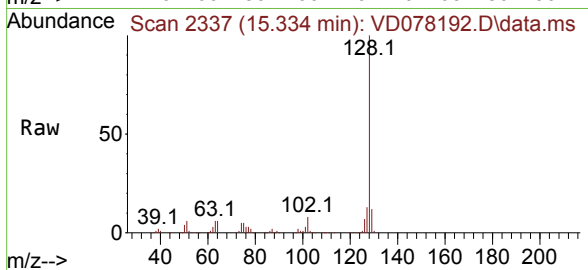
Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Instrument :

MSVOA_D

ClientSampleId :



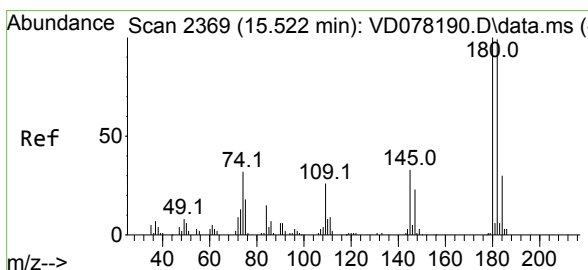
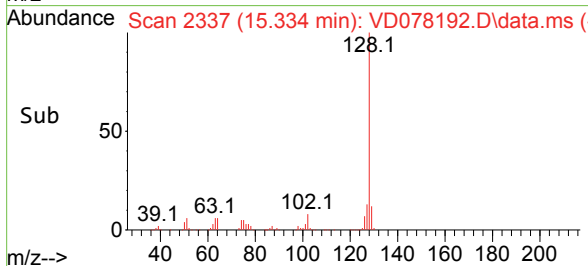
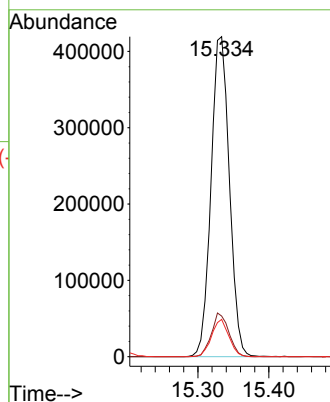
Tgt Ion:128 Resp: 751709

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 11.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 162.189 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078192.D

Acq: 22 Jan 2024 12:47

Tgt Ion:180 Resp: 312199

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 33.6 15.1 45.3

