

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
 Data File : VD078578.D
 Acq On : 01 Mar 2024 14:32
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 02 03:39:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:25:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	182300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	284664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	280943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151836	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	237601	131.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 262.960%#	
35) Dibromofluoromethane	7.810	113	276559	149.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 298.700%#	
50) Toluene-d8	10.269	98	1131328	157.229	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 314.460%#	
62) 4-Bromofluorobenzene	12.574	95	335941	163.464	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 326.920%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	205688	153.129	ug/l	98
3) Chloromethane	2.152	50	362819	150.510	ug/l	99
4) Vinyl Chloride	2.281	62	595516	132.898	ug/l	100
5) Bromomethane	2.669	94	527550	147.408	ug/l	98
6) Chloroethane	2.828	64	460446	138.638	ug/l	100
7) Trichlorofluoromethane	3.169	101	414661	136.853	ug/l	99
8) Diethyl Ether	3.593	74	129922	152.702	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.963	101	258169	135.192	ug/l	99
10) Methyl Iodide	4.163	142	317825	159.047	ug/l	93
11) Tert butyl alcohol	5.063	59	64927	771.287	ug/l	98
12) 1,1-Dichloroethene	3.934	96	260026	145.856	ug/l	92
13) Acrolein	3.798	56	122363	682.757	ug/l	99
14) Allyl chloride	4.563	41	292611	144.106	ug/l	95
15) Acrylonitrile	5.251	53	264317	753.537	ug/l	99
16) Acetone	4.022	43	227636	657.505	ug/l	91
17) Carbon Disulfide	4.269	76	811944	136.701	ug/l	98
18) Methyl Acetate	4.569	43	106134	161.959	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	581937	160.545	ug/l	98
20) Methylene Chloride	4.798	84	308780	152.127	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	312858	146.055	ug/l	95
22) Diisopropyl ether	6.216	45	664654	145.996	ug/l	95
23) Vinyl Acetate	6.157	43	2080977	769.639	ug/l	96
24) 1,1-Dichloroethane	6.110	63	475934	138.379	ug/l	99
25) 2-Butanone	7.081	43	318761	729.902	ug/l	96
26) 2,2-Dichloropropane	7.075	77	423123	145.625	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	358392	152.800	ug/l	100
28) Bromochloromethane	7.428	49	161307	125.541	ug/l	94
29) Tetrahydrofuran	7.445	42	185992	766.579	ug/l	99
30) Chloroform	7.598	83	518207	139.544	ug/l	98
31) Cyclohexane	7.875	56	383273	135.505	ug/l	98
32) 1,1,1-Trichloroethane	7.792	97	459846	144.345	ug/l	98
36) 1,1-Dichloropropene	8.010	75	409783	159.922	ug/l	99
37) Ethyl Acetate	7.169	43	133568	160.875	ug/l	96
38) Carbon Tetrachloride	7.992	117	425136	158.628	ug/l	99
39) Methylcyclohexane	9.275	83	509247	169.328	ug/l	96
40) Benzene	8.251	78	1206430	158.844	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	67686	152.104	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	288987	149.982	ug/l	98
43) Isopropyl Acetate	8.363	43	254466	159.866	ug/l	96
44) Trichloroethene	9.028	130	332601	159.582	ug/l	92
45) 1,2-Dichloropropane	9.304	63	282726	154.963	ug/l	100
46) Dibromomethane	9.392	93	171766	163.309	ug/l	95
47) Bromodichloromethane	9.586	83	407695	157.203	ug/l	99
48) Methyl methacrylate	9.381	41	123670	171.515	ug/l	90
49) 1,4-Dioxane	9.386	88	38171	3107.668	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	676901	823.902	ug/l	97
52) Toluene	10.333	92	829199	170.149	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	405898	169.182	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	476401	165.843	ug/l #	95
55) 1,1,2-Trichloroethane	10.733	97	231780	156.501	ug/l	95
56) Ethyl methacrylate	10.598	69	269804	181.760	ug/l	97
57) 1,3-Dichloropropane	10.880	76	383424	159.761	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	647445	750.475	ug/l	100
59) 2-Hexanone	10.922	43	501747	823.371	ug/l	96
60) Dibromochloromethane	11.075	129	295894	165.463	ug/l	96
61) 1,2-Dibromoethane	11.180	107	227190	167.149	ug/l	100
64) Tetrachloroethene	10.810	164	282176	159.630	ug/l	94
65) Chlorobenzene	11.610	112	882023	159.426	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	341473	165.793	ug/l	96
67) Ethyl Benzene	11.680	91	1663311	173.512	ug/l	98
68) m/p-Xylenes	11.792	106	1361418	351.048	ug/l	95
69) o-Xylene	12.122	106	629386	178.895	ug/l	95
70) Styrene	12.133	104	1087889	178.394	ug/l	99
71) Bromoform	12.298	173	181815	165.934	ug/l #	100
73) Isopropylbenzene	12.422	105	1610899	167.368	ug/l	97
74) N-amyl acetate	12.233	43	253236	156.319	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.674	83	266254	144.402	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	325363	279.935	ug/l #	100
77) Bromobenzene	12.698	156	381924	164.076	ug/l	99
78) n-propylbenzene	12.763	91	1911629	162.373	ug/l	98
79) 2-Chlorotoluene	12.845	91	1017141	161.000	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	1333145	170.218	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	86183	159.075	ug/l	96
82) 4-Chlorotoluene	12.945	91	1072947	159.359	ug/l	99
83) tert-Butylbenzene	13.163	119	1143290	169.533	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	1384912	173.002	ug/l	98
85) sec-Butylbenzene	13.345	105	1748118	166.160	ug/l	97
86) p-Isopropyltoluene	13.457	119	1602058	180.889	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	842637	169.419	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	776193	155.767	ug/l	100
89) n-Butylbenzene	13.786	91	1376189	166.274	ug/l	99
90) Hexachloroethane	14.051	117	273440	151.842	ug/l	98
91) 1,2-Dichlorobenzene	13.827	146	685080	162.156	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	35212	143.272	ug/l	86
93) 1,2,4-Trichlorobenzene	15.098	180	438268	175.184	ug/l	96
94) Hexachlorobutadiene	15.204	225	218754	158.921	ug/l	99
95) Naphthalene	15.327	128	799326	180.814	ug/l	100
96) 1,2,3-Trichlorobenzene	15.521	180	375303	168.918	ug/l	99

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:25:57 2024
Response via : Initial Calibration

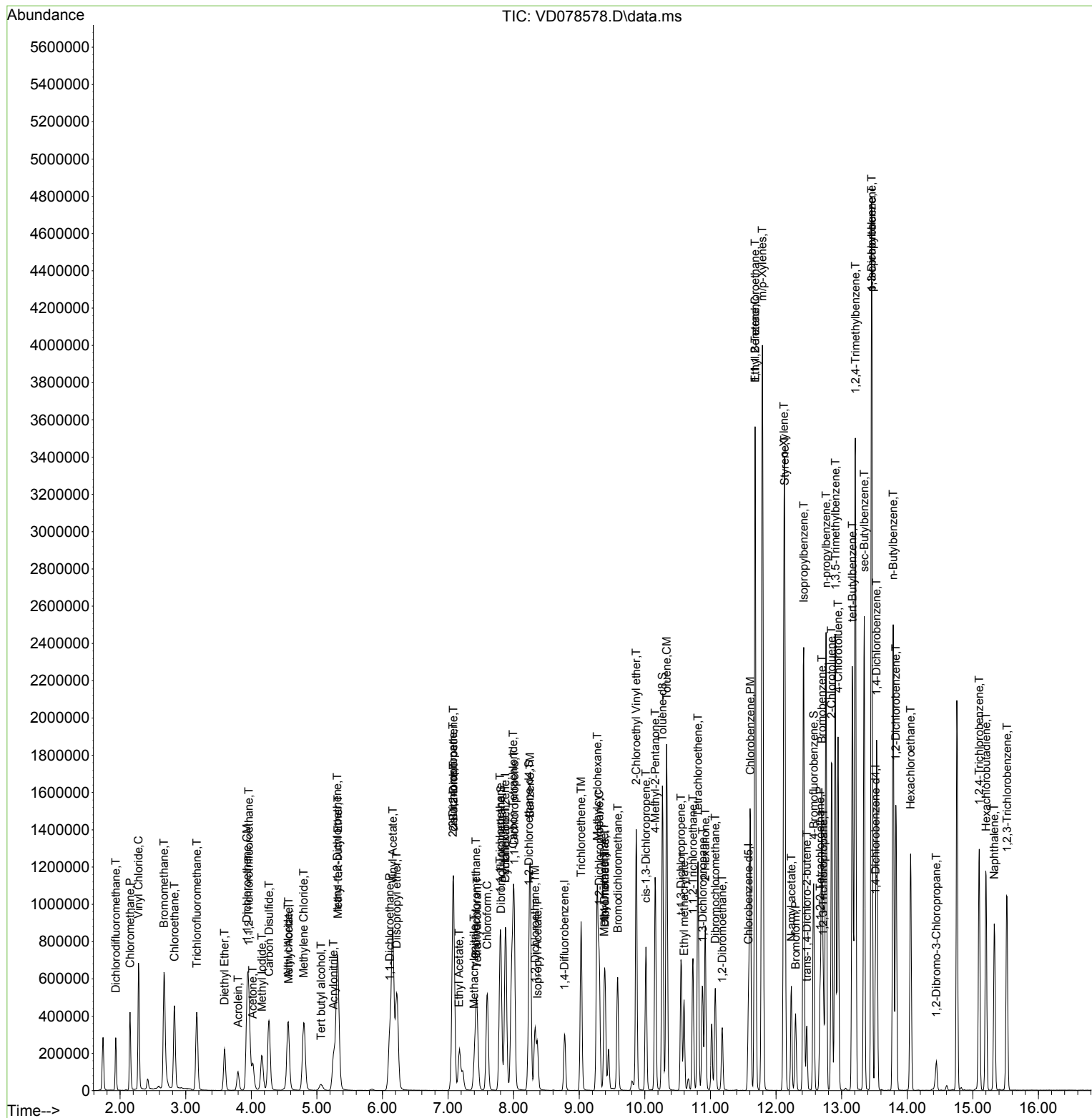
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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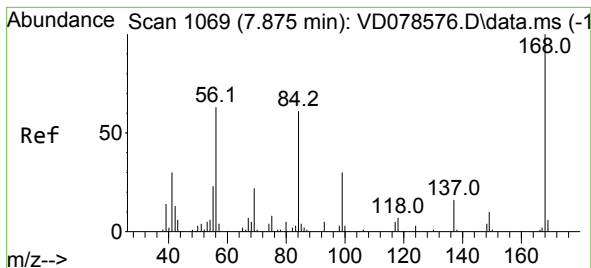
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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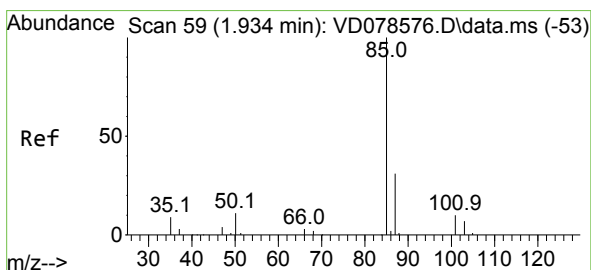
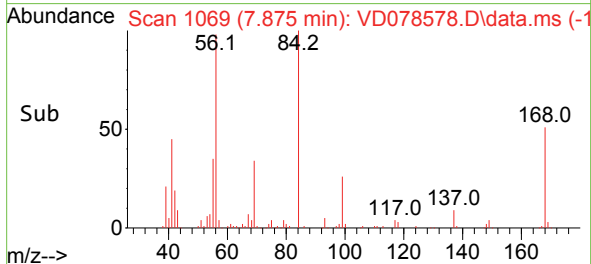
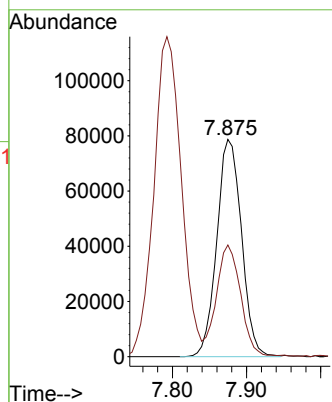
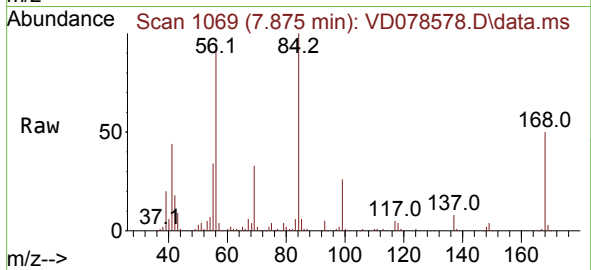




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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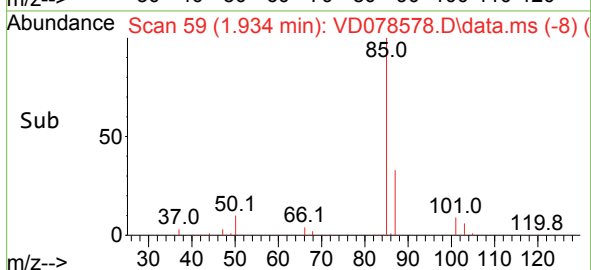
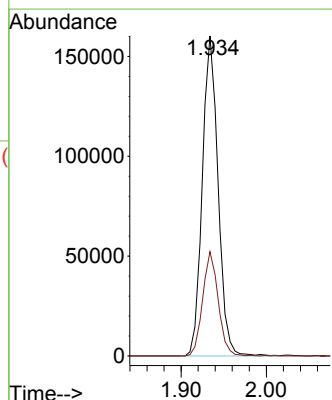
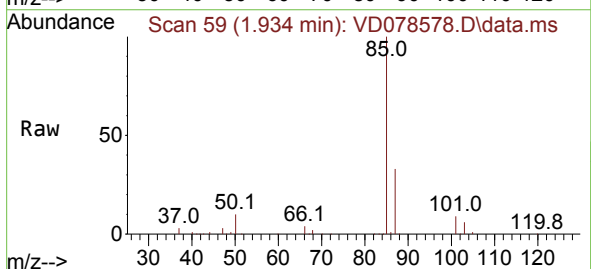
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

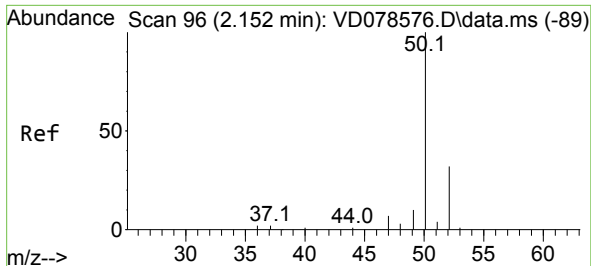
Tgt Ion:168 Resp: 182300
Ion Ratio Lower Upper
168 100
99 50.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 153.129 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 85 Resp: 205688
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.0

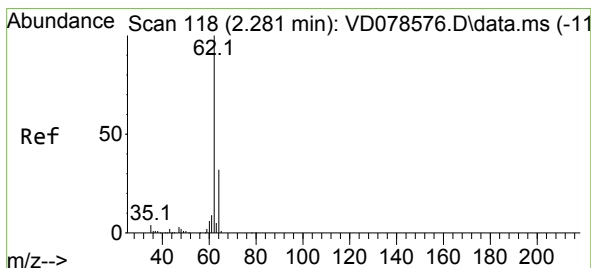
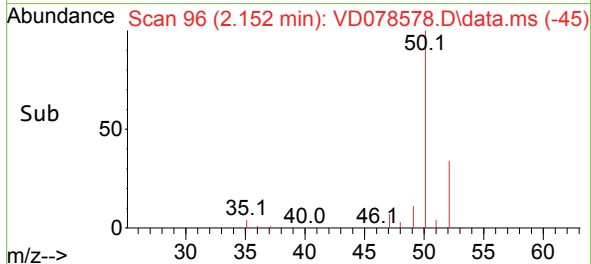
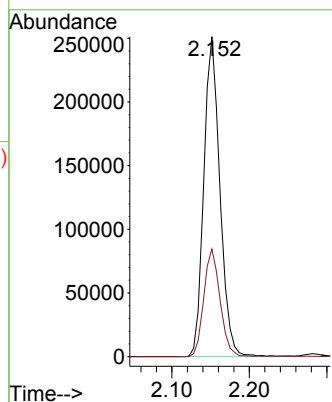
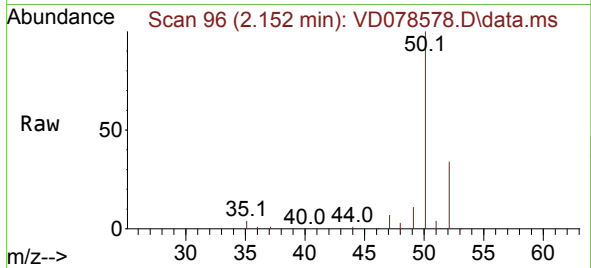




#3
Chloromethane
Concen: 150.510 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.001 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

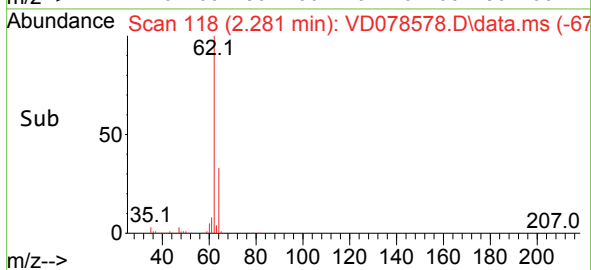
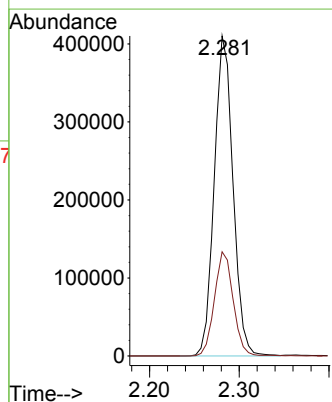
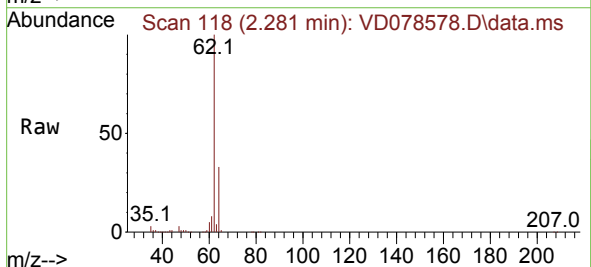
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ClientSampleId :
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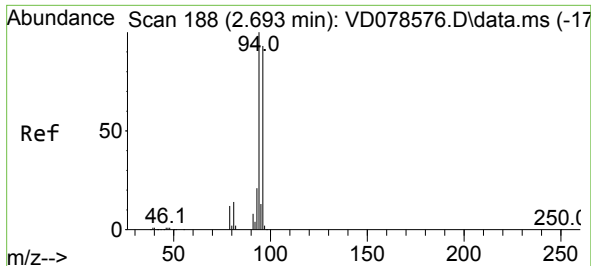
Tgt Ion: 50 Resp: 362819
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0



#4
Vinyl Chloride
Concen: 132.898 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 62 Resp: 595516
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

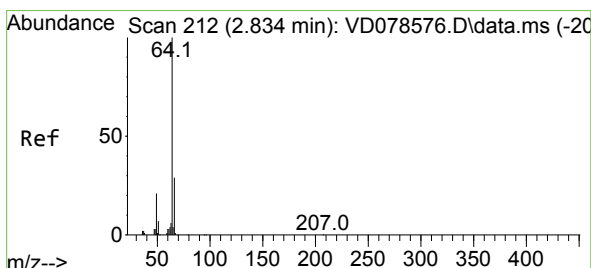
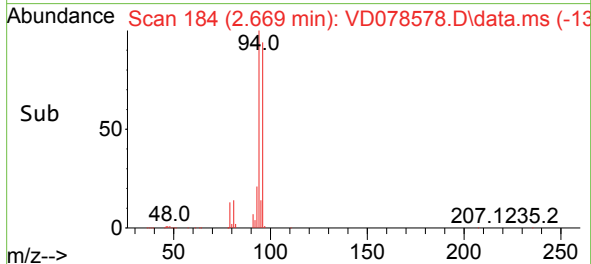
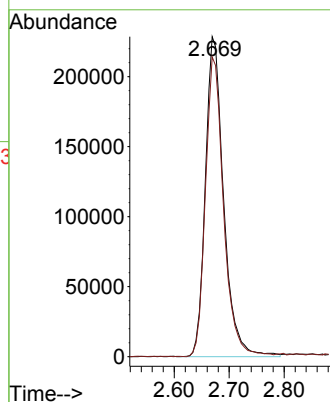
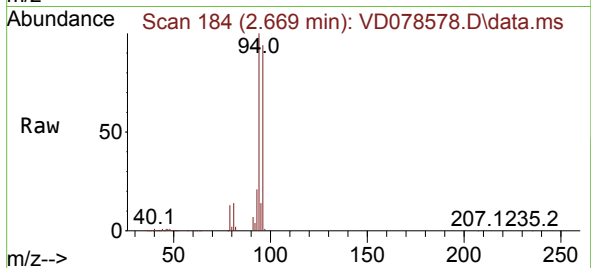




#5
Bromomethane
Concen: 147.408 ug/l
RT: 2.669 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

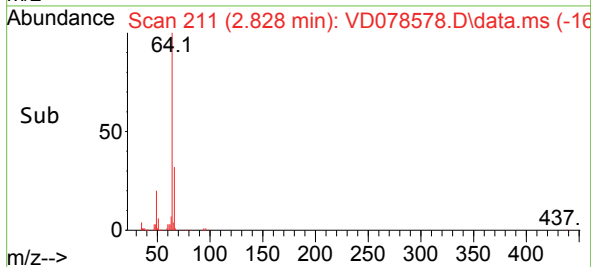
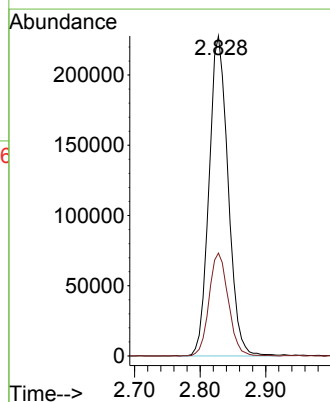
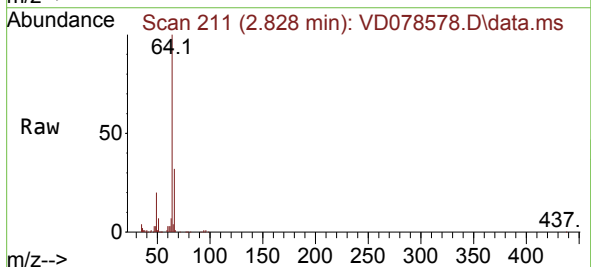
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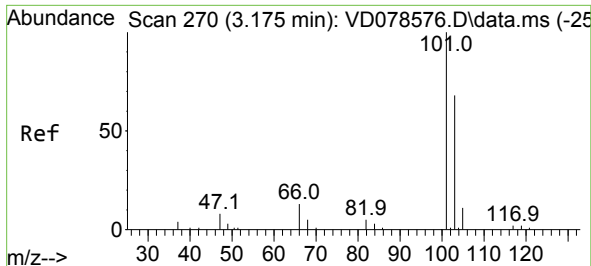
Tgt Ion: 94 Resp: 527550
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.8



#6
Chloroethane
Concen: 138.638 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 64 Resp: 460446
Ion Ratio Lower Upper
64 100
66 32.2 25.5 38.3

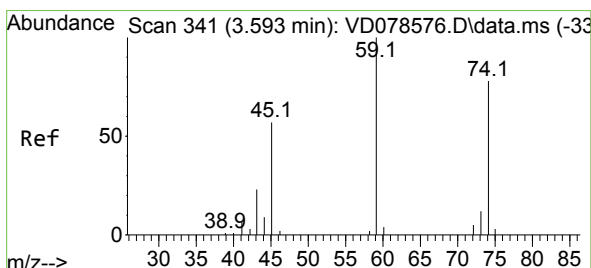
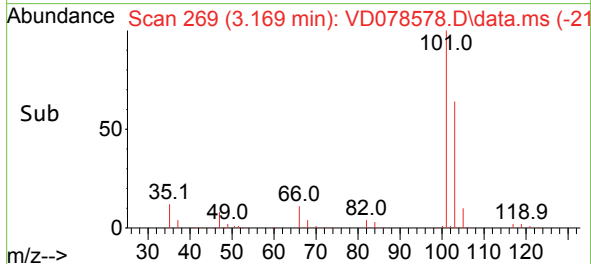
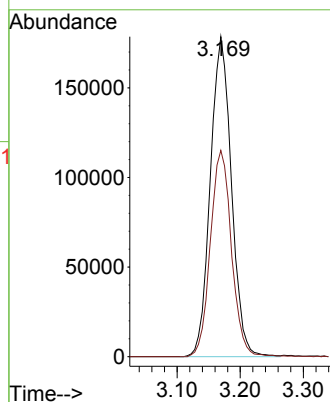
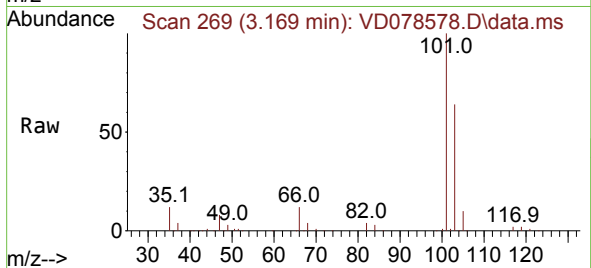




#7
Trichlorofluoromethane
Concen: 136.853 ug/l
RT: 3.169 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

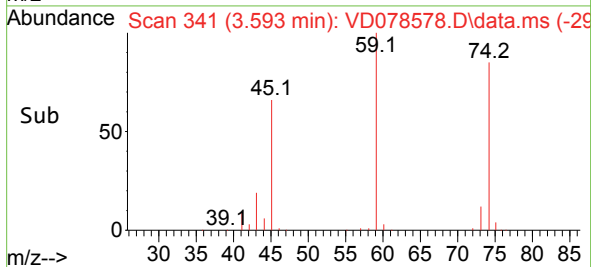
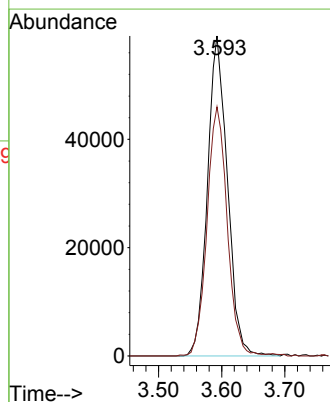
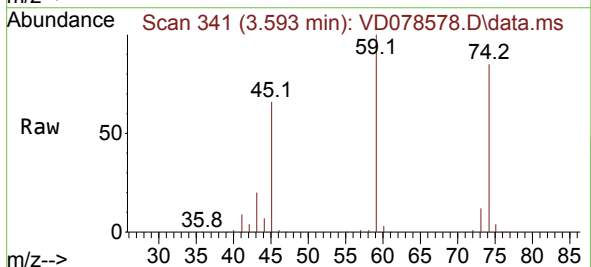
Instrument :
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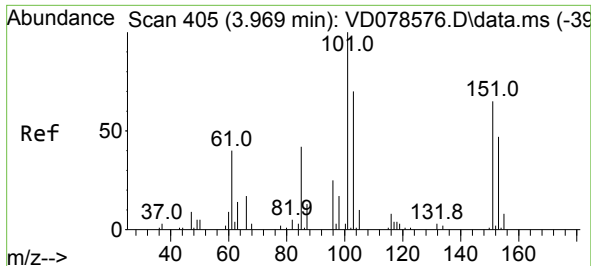
Tgt Ion:101 Resp: 414661
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5



#8
Diethyl Ether
Concen: 152.702 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 74 Resp: 129922
Ion Ratio Lower Upper
74 100
45 78.7 37.5 112.7

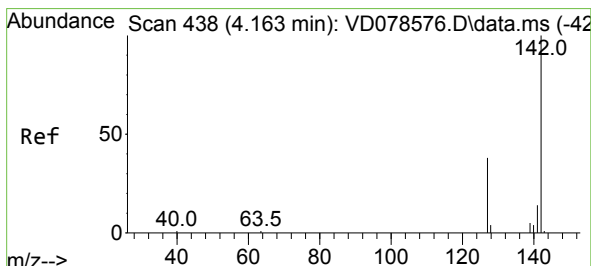
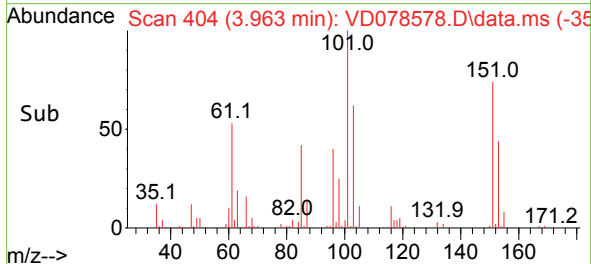
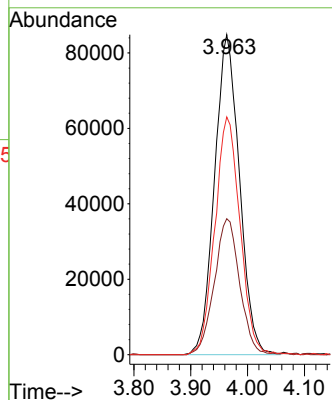
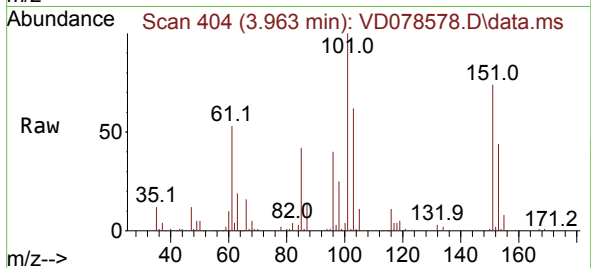




#9
1,1,2-Trichlorotrifluoroethane
Concen: 135.192 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

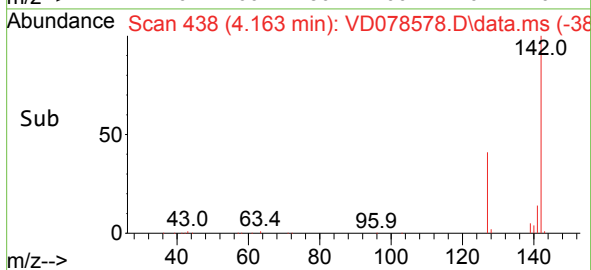
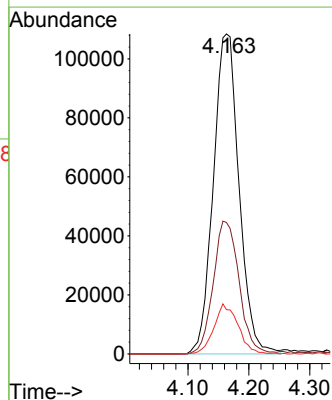
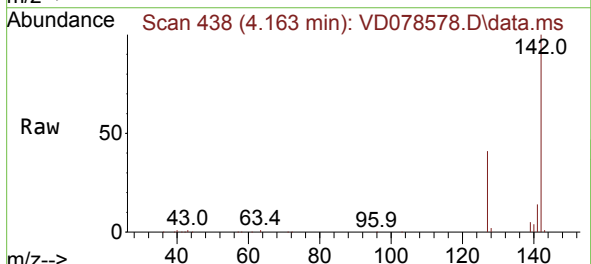
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

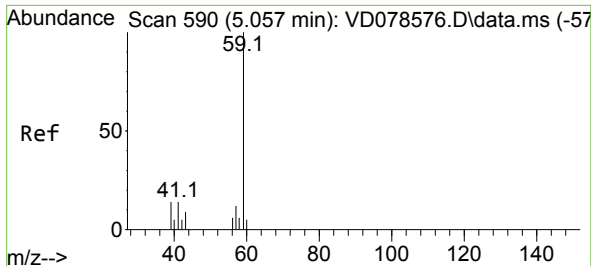
Tgt Ion:101 Resp: 258169
Ion Ratio Lower Upper
101 100
85 43.2 33.8 50.6
151 75.2 59.8 89.6



#10
Methyl Iodide
Concen: 159.047 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion:142 Resp: 317825
Ion Ratio Lower Upper
142 100
127 41.7 29.4 44.0
141 14.8 11.1 16.7





#11

Tert butyl alcohol

Concen: 771.287 ug/l

RT: 5.063 min Scan# 591

Delta R.T. 0.006 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

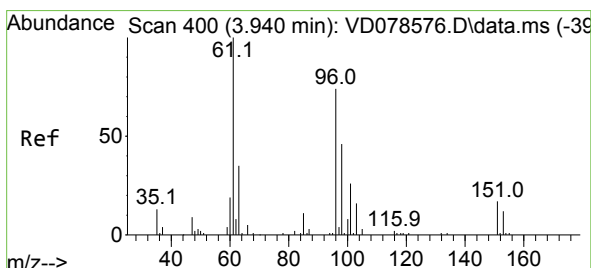
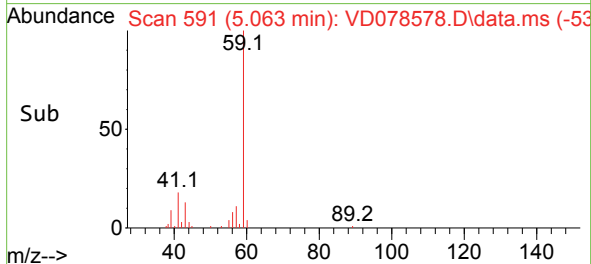
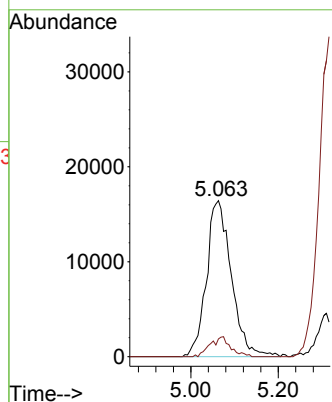
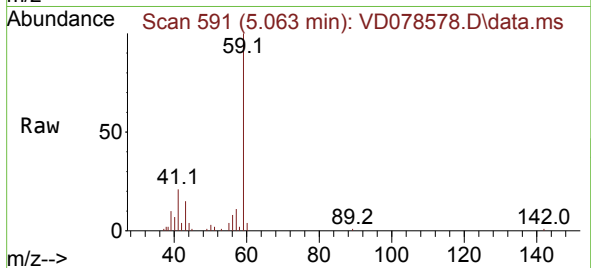
VSTDIC150

Tgt Ion: 59 Resp: 64927

Ion Ratio Lower Upper

59 100

57 10.6 7.8 11.8



#12

1,1-Dichloroethene

Concen: 145.856 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

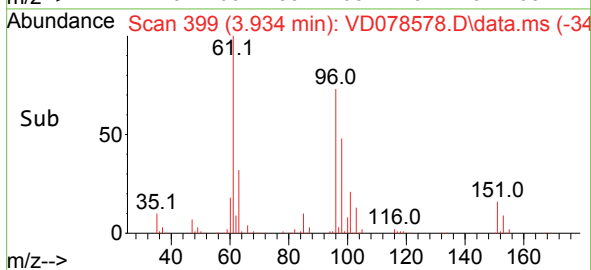
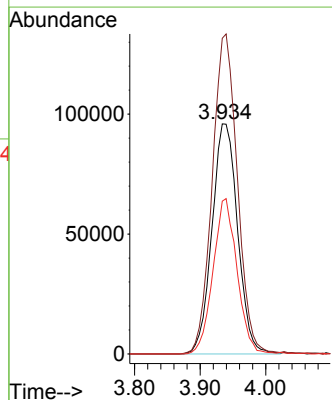
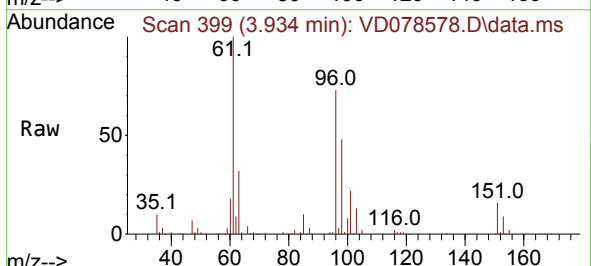
Tgt Ion: 96 Resp: 260026

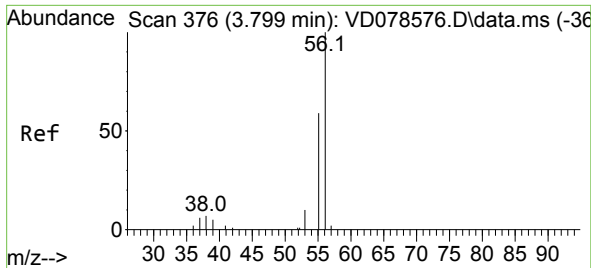
Ion Ratio Lower Upper

96 100

61 137.2 100.6 150.8

98 66.4 50.2 75.2





#13

Acrolein

Concen: 682.757 ug/l

RT: 3.798 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

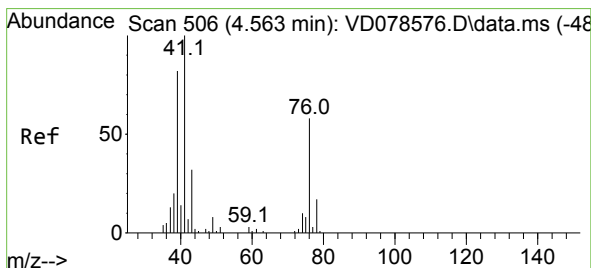
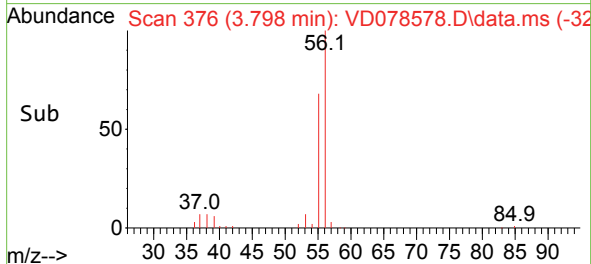
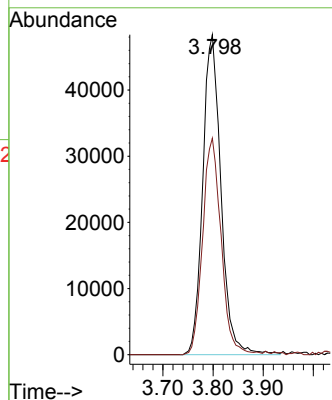
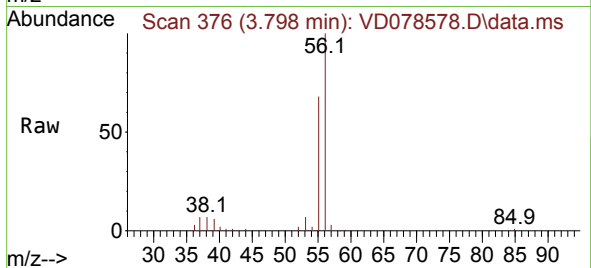
VSTDICC150

Tgt Ion: 56 Resp: 122363

Ion Ratio Lower Upper

56 100

55 68.3 55.1 82.7



#14

Allyl chloride

Concen: 144.106 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

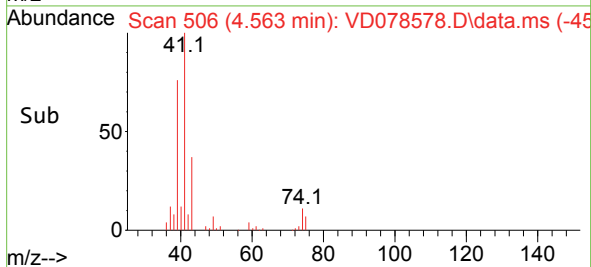
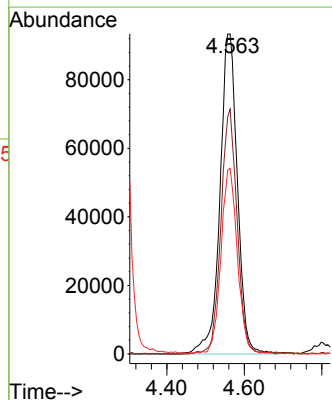
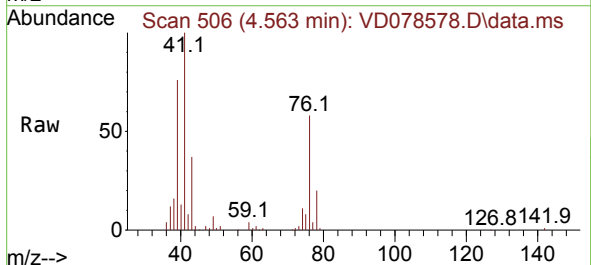
Tgt Ion: 41 Resp: 292611

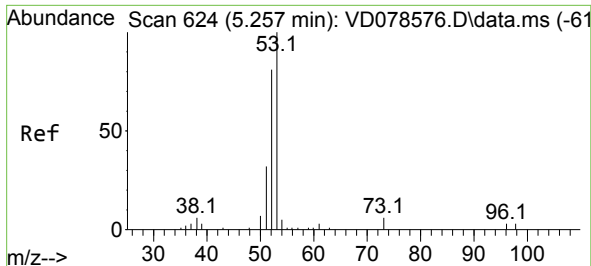
Ion Ratio Lower Upper

41 100

39 71.1 53.8 80.6

76 53.9 45.8 68.8

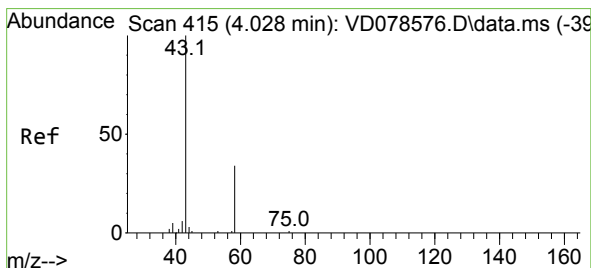
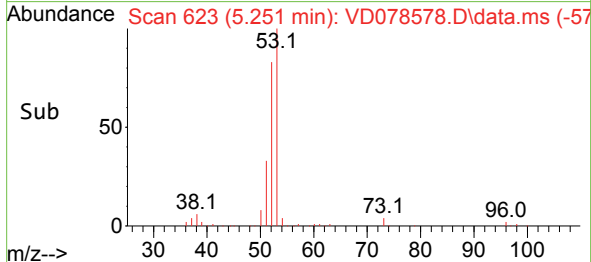
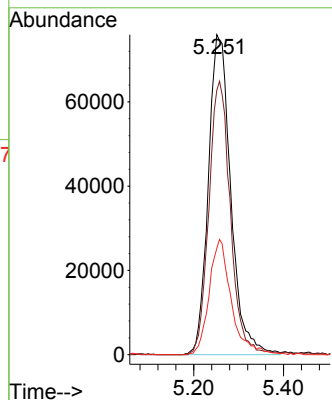
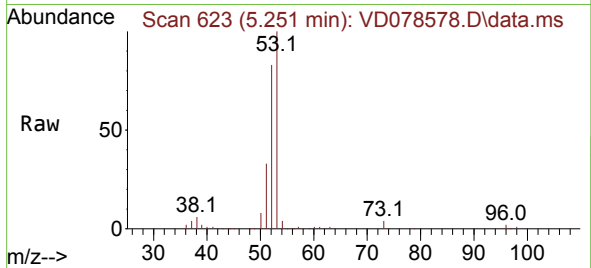




#15
Acrylonitrile
Concen: 753.537 ug/l
RT: 5.251 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

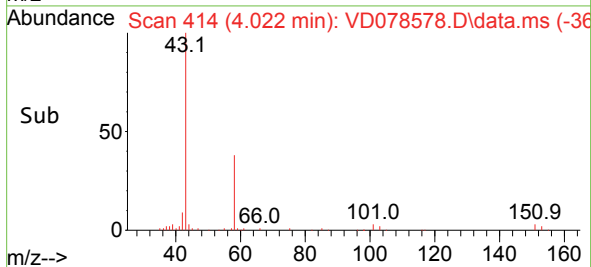
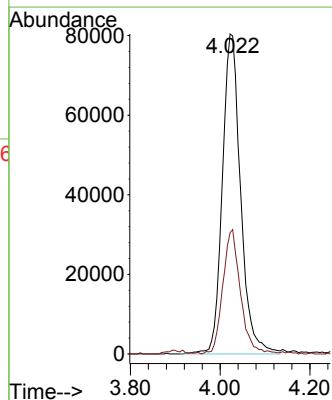
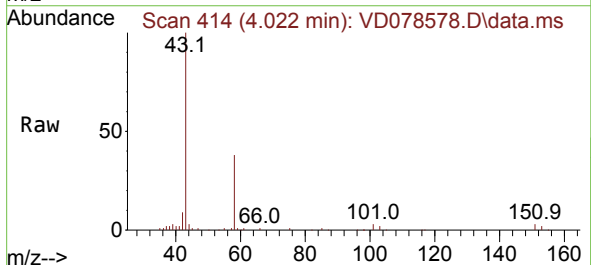
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

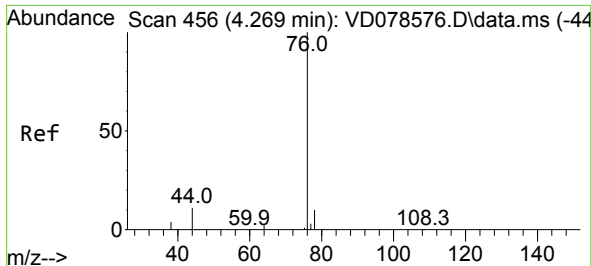
Tgt Ion: 53 Resp: 264317
Ion Ratio Lower Upper
53 100
52 81.8 65.0 97.4
51 35.5 28.3 42.5



#16
Acetone
Concen: 657.505 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 43 Resp: 227636
Ion Ratio Lower Upper
43 100
58 37.4 34.7 52.1

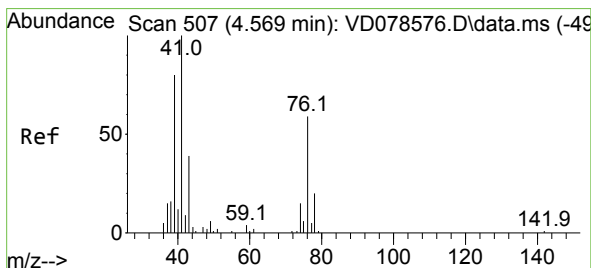
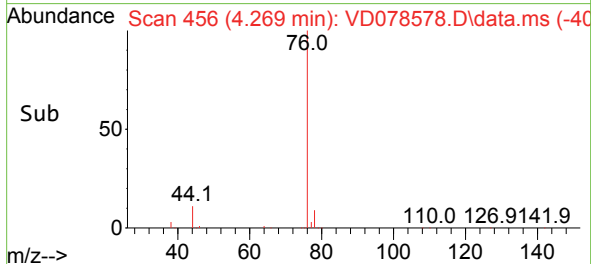
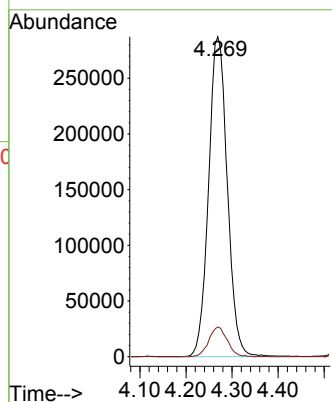
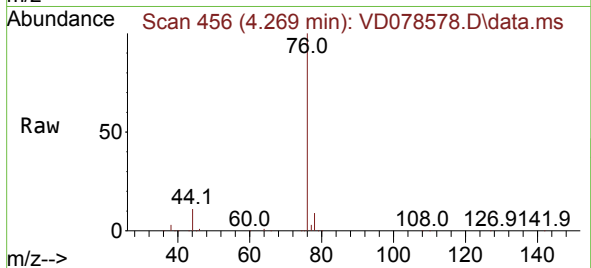




#17
Carbon Disulfide
Concen: 136.701 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

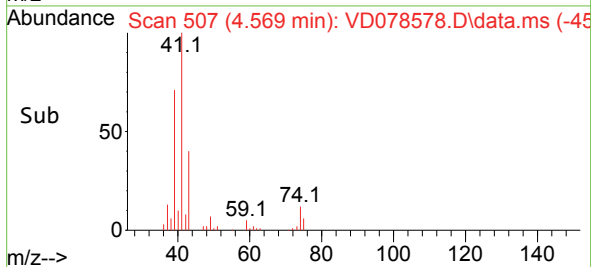
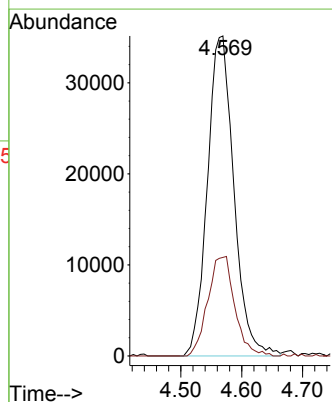
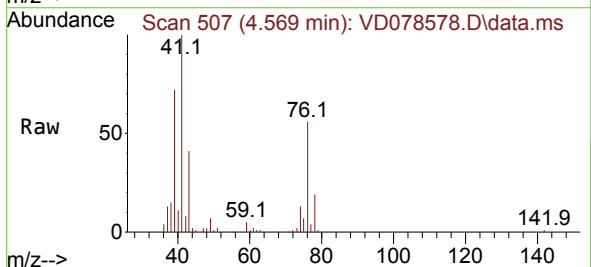
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

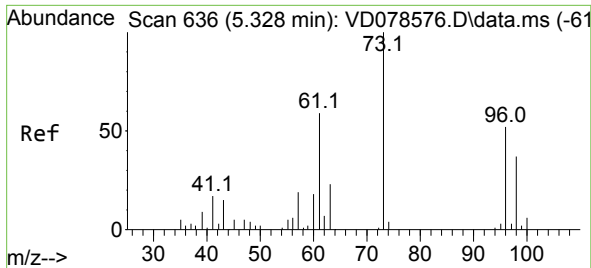
Tgt Ion: 76 Resp: 811944
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 161.959 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 43 Resp: 106134
Ion Ratio Lower Upper
43 100
74 31.6 26.4 39.6

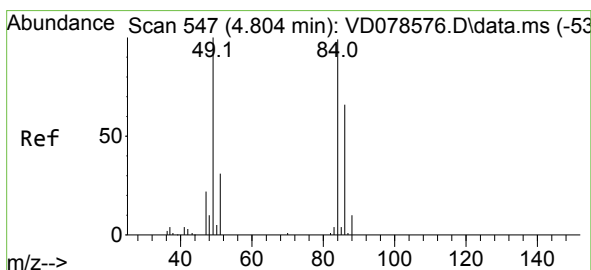
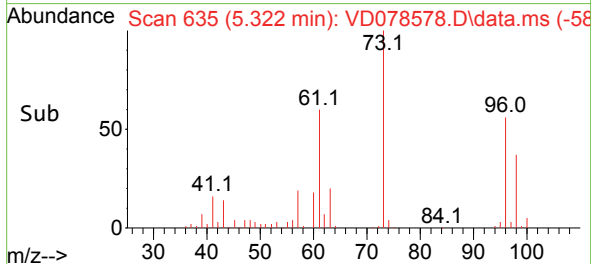
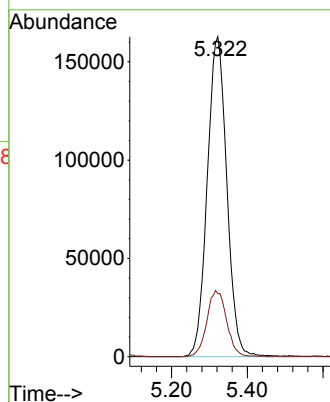
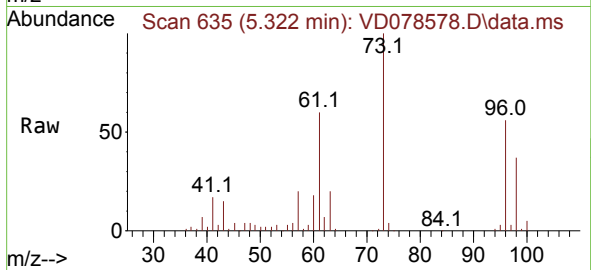




#19
Methyl tert-butyl Ether
Concen: 160.545 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

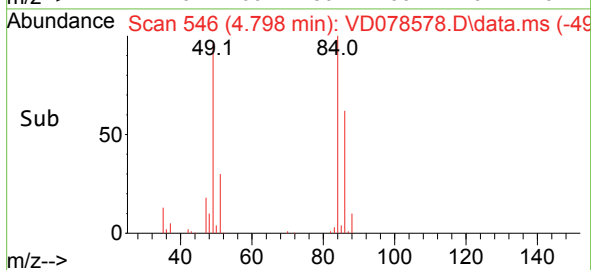
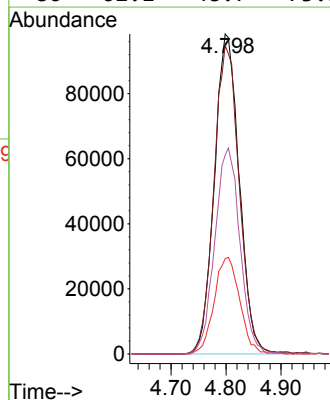
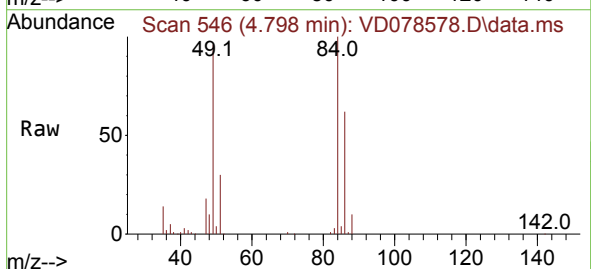
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

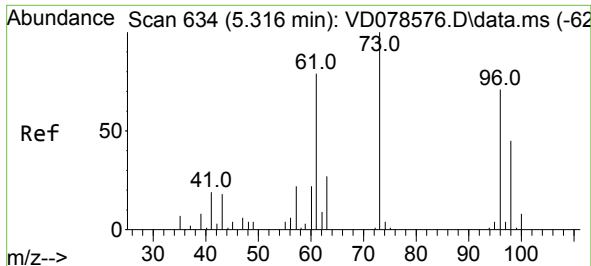
Tgt Ion: 73 Resp: 581937
Ion Ratio Lower Upper
73 100
57 19.7 16.6 25.0



#20
Methylene Chloride
Concen: 152.127 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 84 Resp: 308780
Ion Ratio Lower Upper
84 100
49 96.4 71.4 107.2
51 29.7 24.5 36.7
86 62.1 48.7 73.1

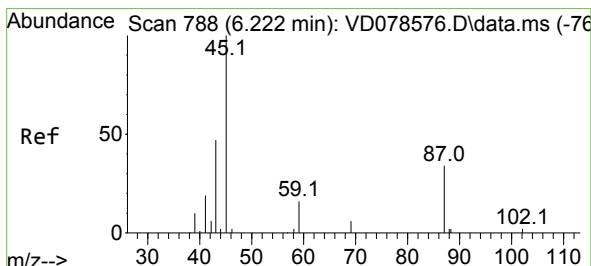
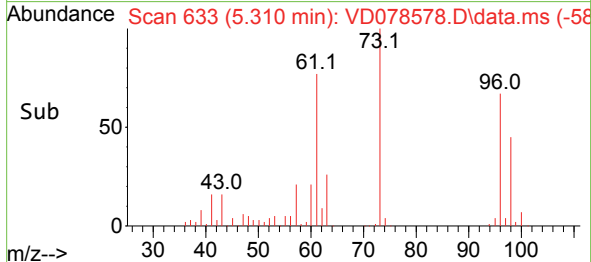
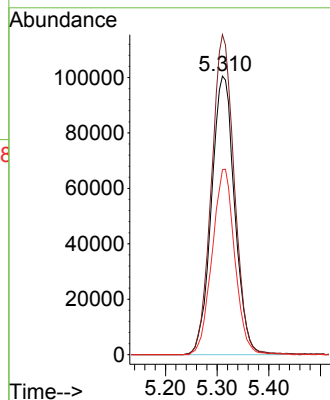
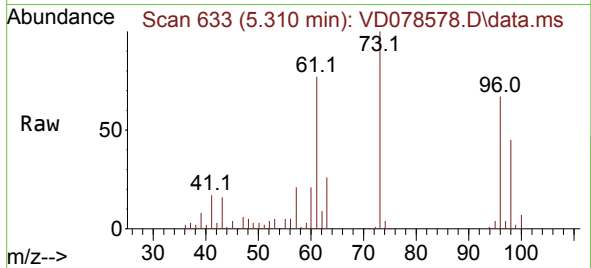




#21
trans-1,2-Dichloroethene
Concen: 146.055 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

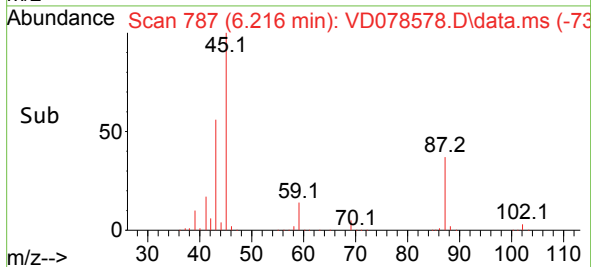
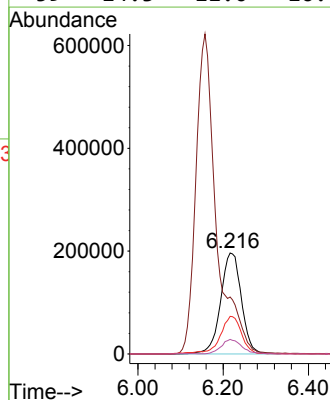
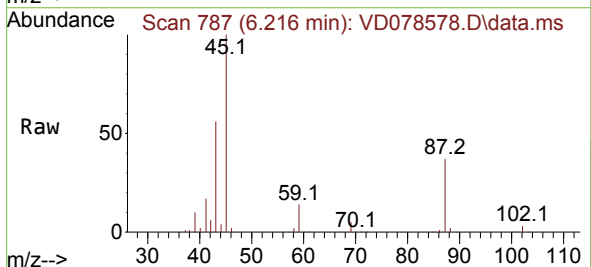
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

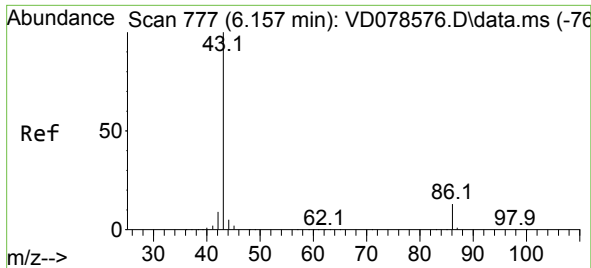
Tgt Ion: 96 Resp: 312858
Ion Ratio Lower Upper
96 100
61 114.9 89.3 133.9
98 66.4 48.6 73.0



#22
Diisopropyl ether
Concen: 145.996 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 45 Resp: 664654
Ion Ratio Lower Upper
45 100
43 55.7 40.0 60.0
87 37.1 28.2 42.4
59 14.3 11.0 16.4

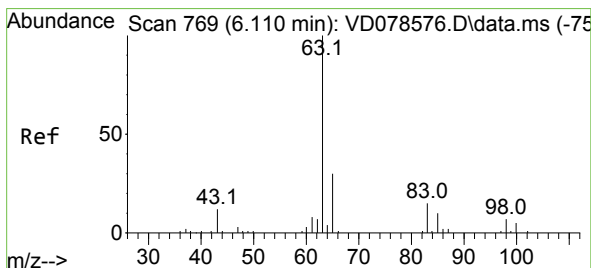
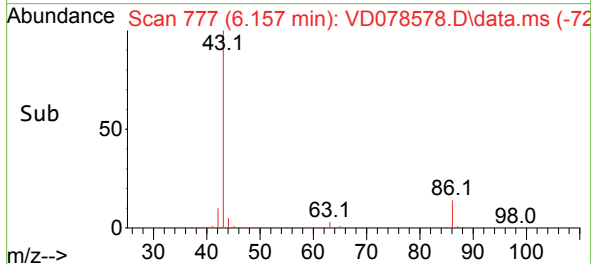
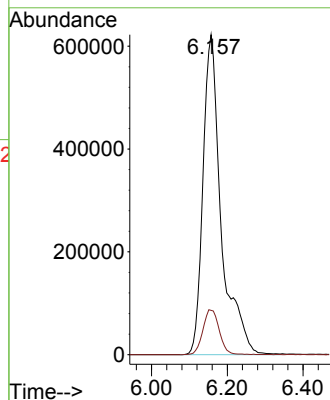
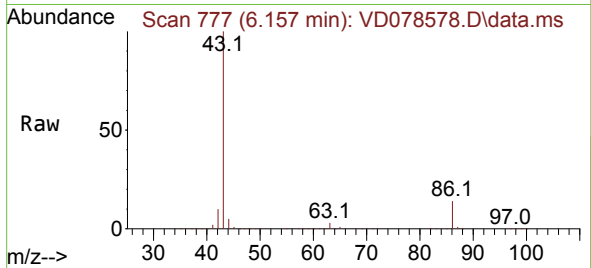




#23
 Vinyl Acetate
 Concen: 769.639 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD078578.D
 Acq: 01 Mar 2024 14:32

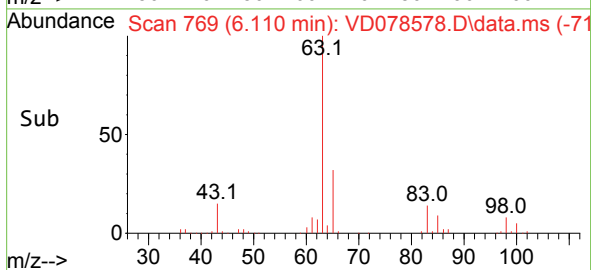
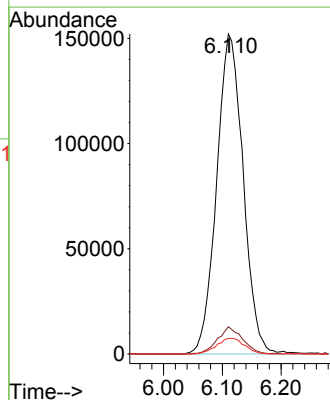
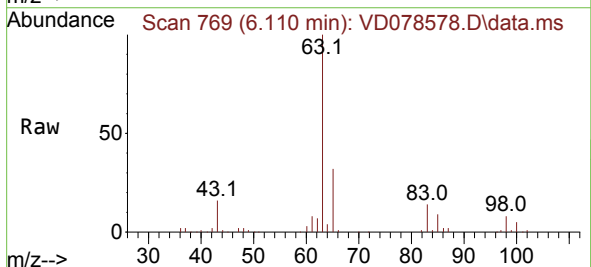
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

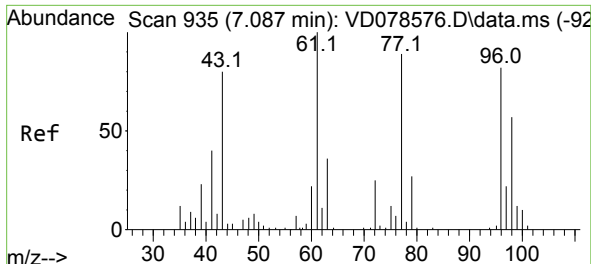
Tgt Ion: 43 Resp: 2080977
 Ion Ratio Lower Upper
 43 100
 86 13.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 138.379 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD078578.D
 Acq: 01 Mar 2024 14:32

Tgt Ion: 63 Resp: 475934
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.5 13.7
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 729.902 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

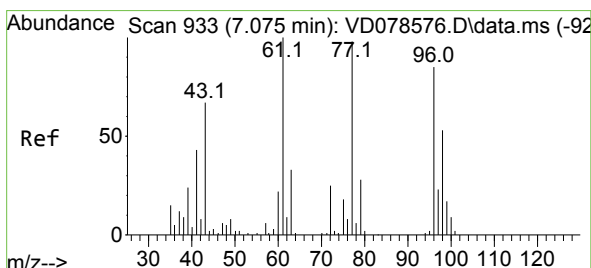
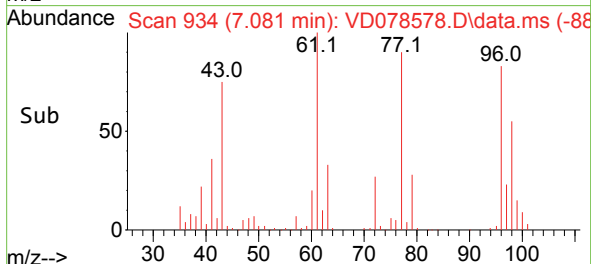
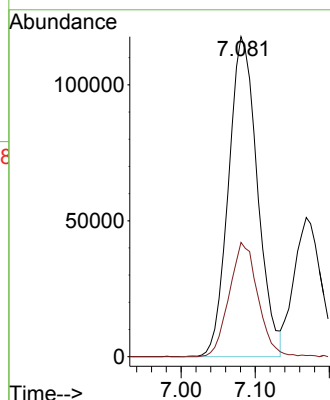
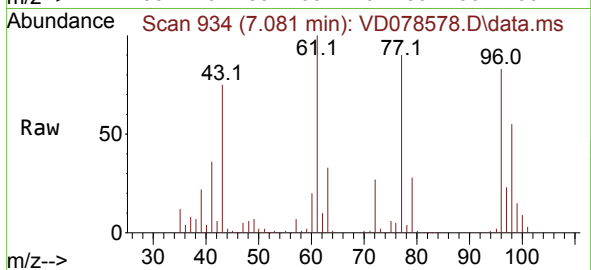
VSTDIC150

Tgt Ion: 43 Resp: 318761

Ion Ratio Lower Upper

43 100

72 35.8 30.7 46.1



#26

2,2-Dichloropropane

Concen: 145.625 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD078578.D

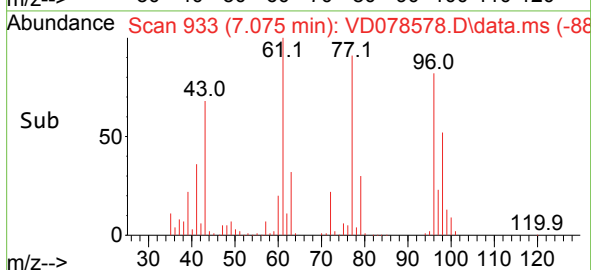
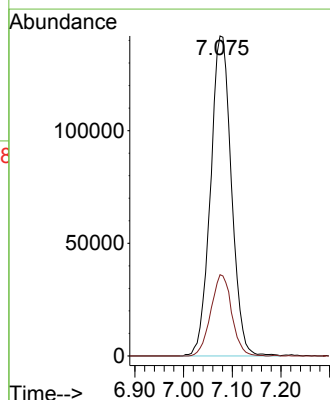
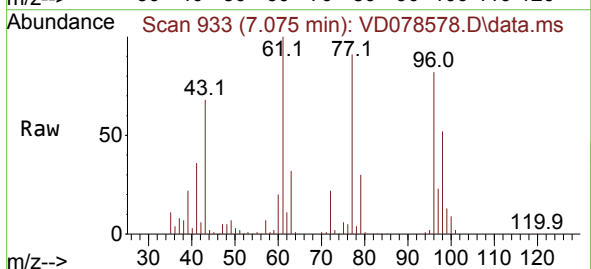
Acq: 01 Mar 2024 14:32

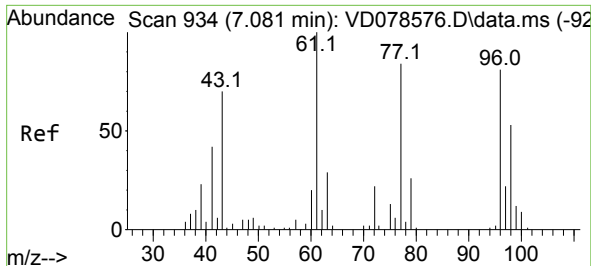
Tgt Ion: 77 Resp: 423123

Ion Ratio Lower Upper

77 100

97 25.4 13.2 39.6

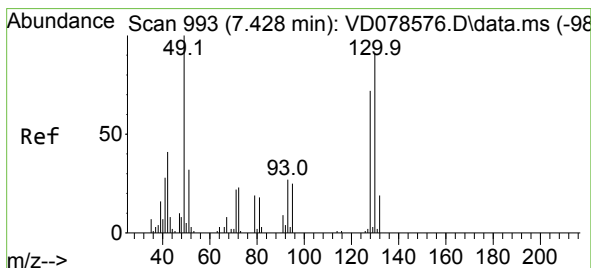
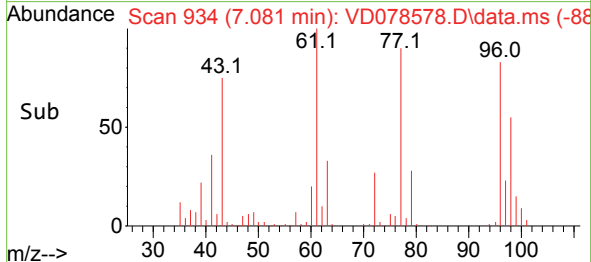
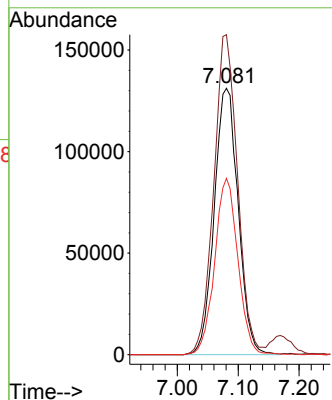
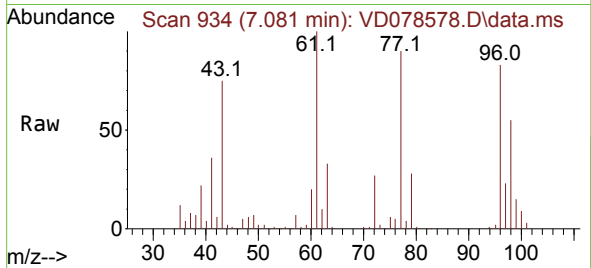




#27
 cis-1,2-Dichloroethene
 Concen: 152.800 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078578.D
 Acq: 01 Mar 2024 14:32

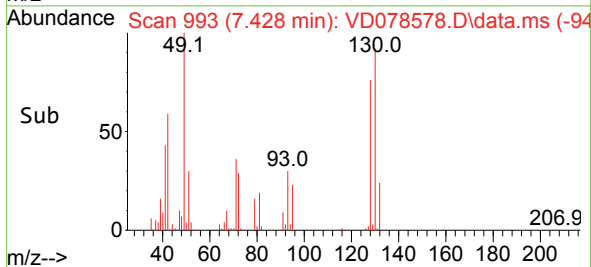
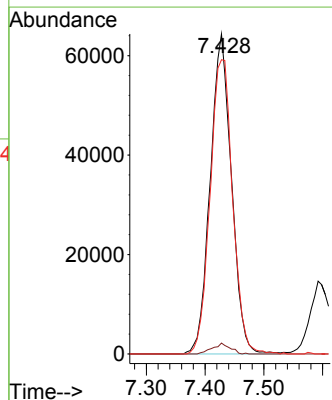
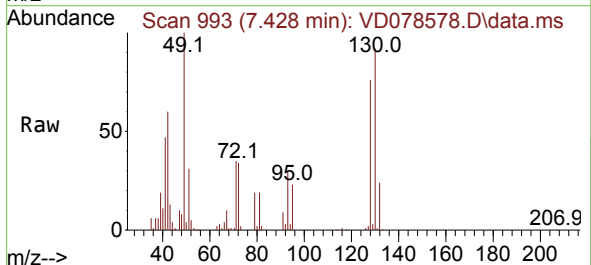
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

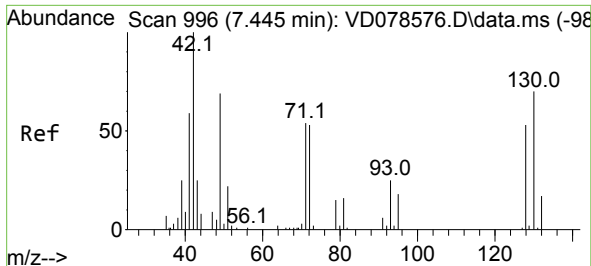
Tgt Ion: 96 Resp: 358392
 Ion Ratio Lower Upper
 96 100
 61 119.4 0.0 239.2
 98 64.2 0.0 128.6



#28
 Bromochloromethane
 Concen: 125.541 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078578.D
 Acq: 01 Mar 2024 14:32

Tgt Ion: 49 Resp: 161307
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 6.0
 130 97.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 766.579 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

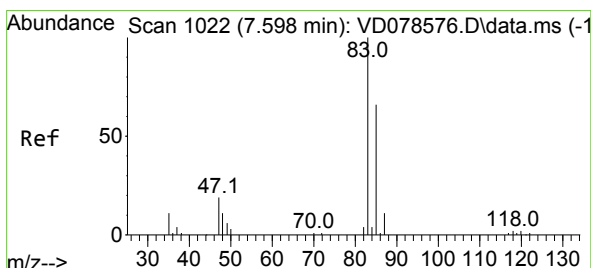
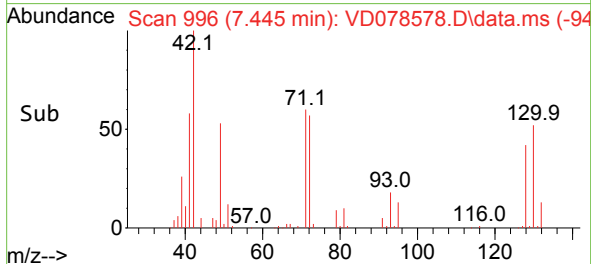
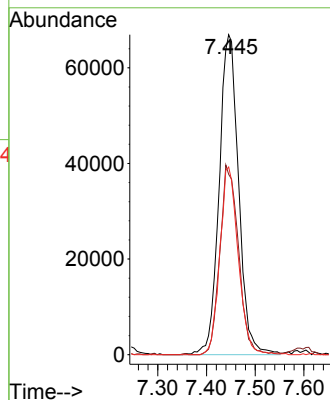
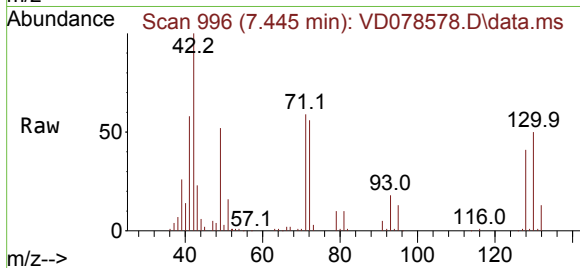
Tgt Ion: 42 Resp: 185992

Ion Ratio Lower Upper

42 100

72 56.5 46.5 69.7

71 55.3 44.5 66.7



#30

Chloroform

Concen: 139.544 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078578.D

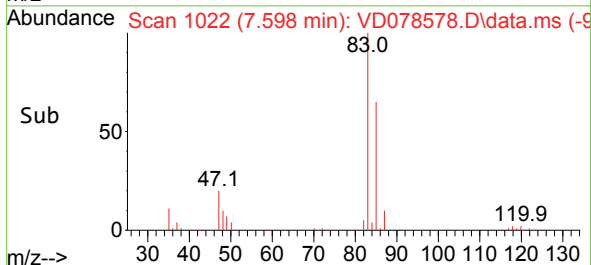
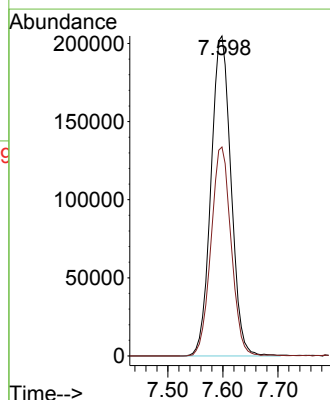
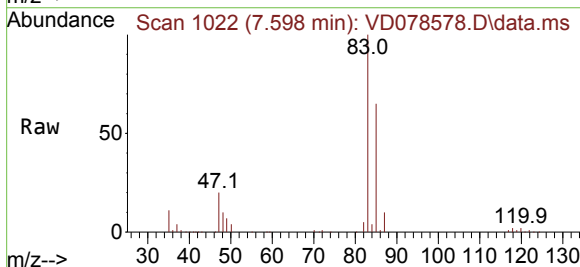
Acq: 01 Mar 2024 14:32

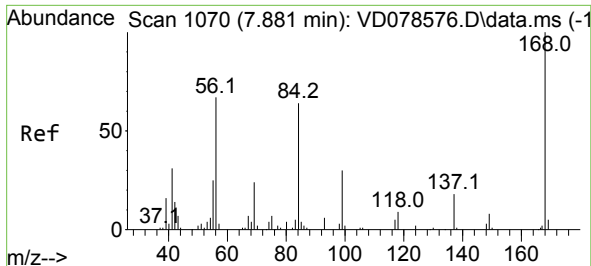
Tgt Ion: 83 Resp: 518207

Ion Ratio Lower Upper

83 100

85 65.3 53.4 80.2

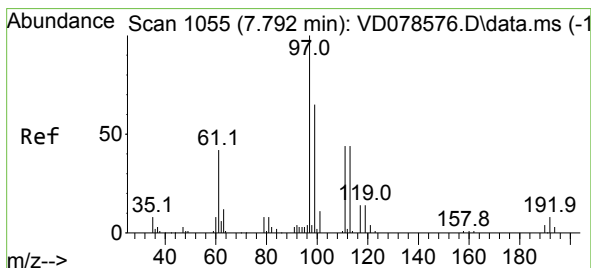
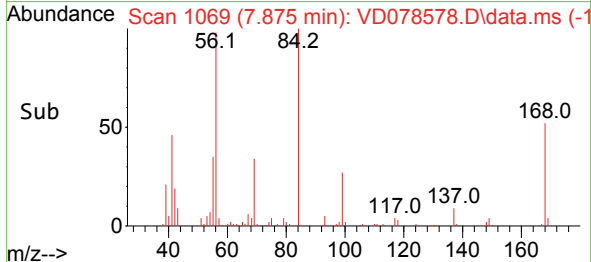
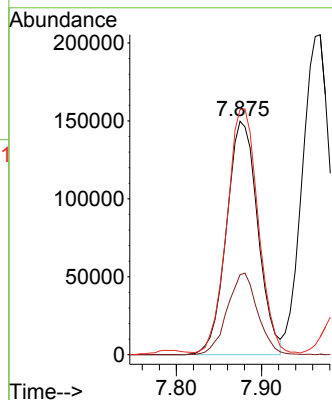
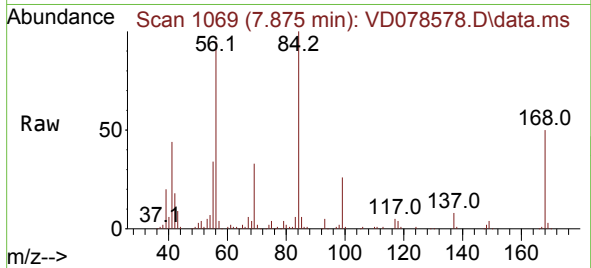




#31
Cyclohexane
Concen: 135.505 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

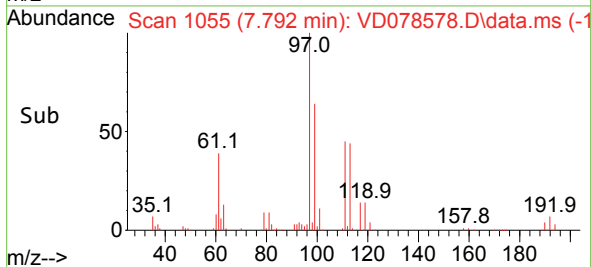
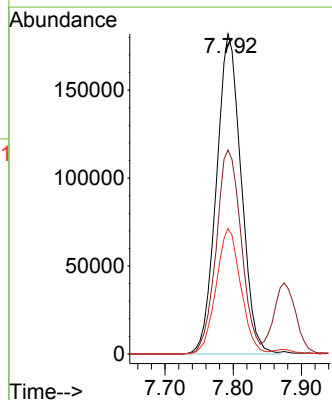
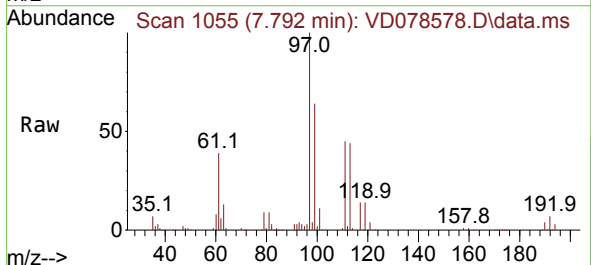
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

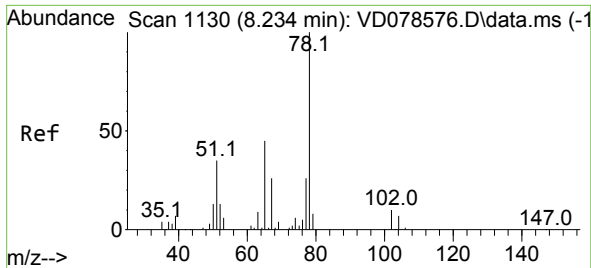
Tgt Ion: 56 Resp: 383273
Ion Ratio Lower Upper
56 100
69 34.3 28.6 43.0
84 103.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 144.345 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 97 Resp: 459846
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 39.1 33.8 50.8

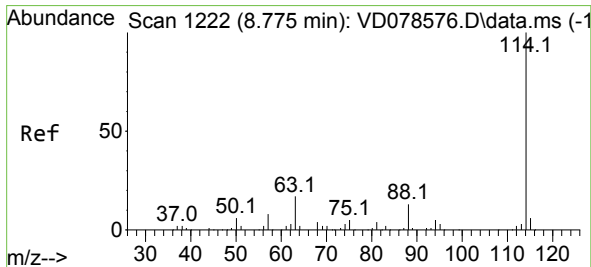
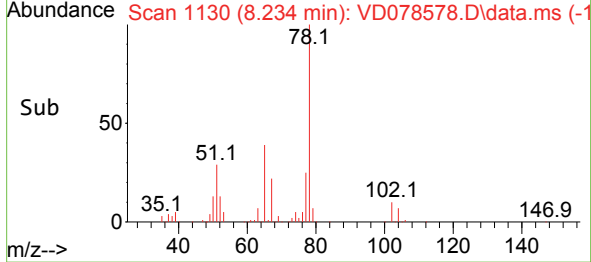
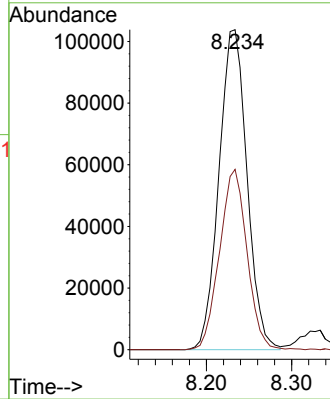
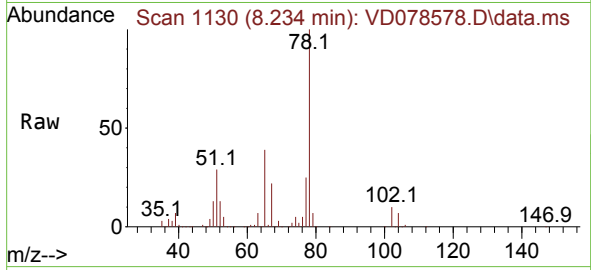




#33
1,2-Dichloroethane-d4
Concen: 131.481 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

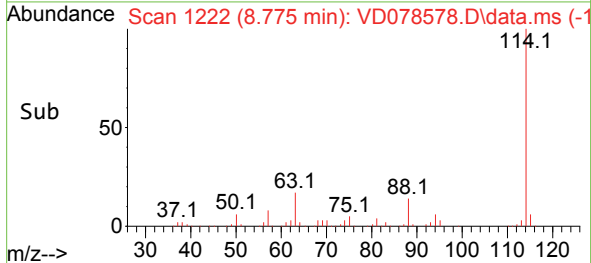
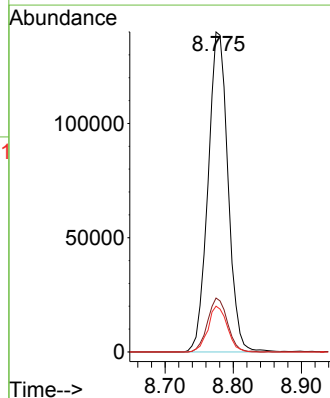
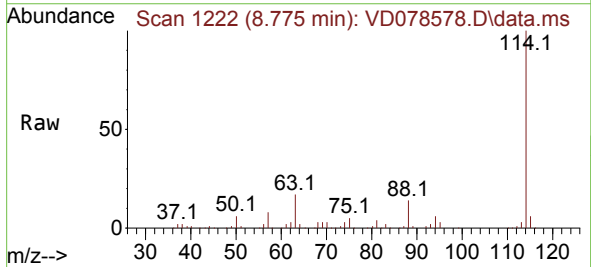
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

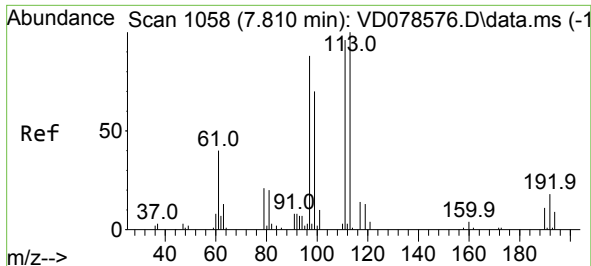
Tgt Ion: 65 Resp: 237601
Ion Ratio Lower Upper
65 100
67 55.2 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 114 Resp: 284664
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.4
88 14.3 0.0 26.2

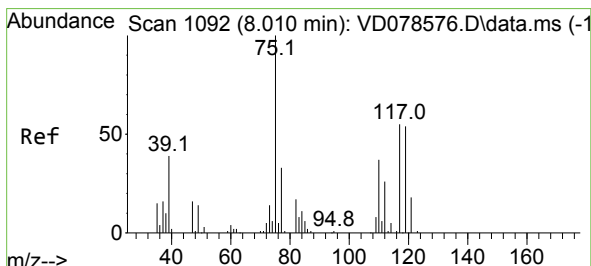
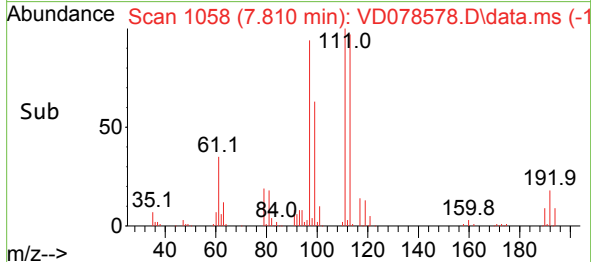
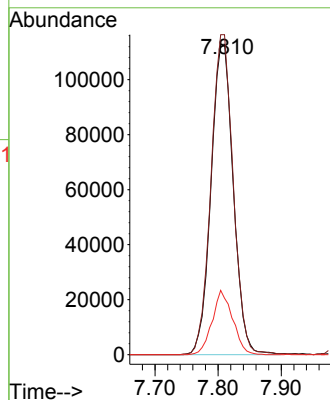
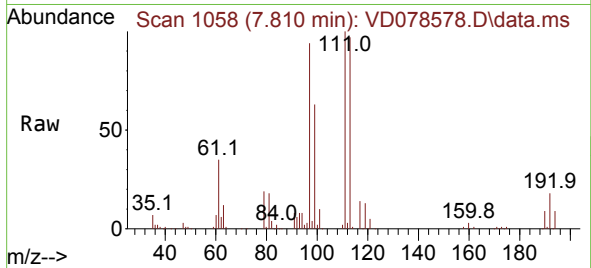




#35
Dibromofluoromethane
Concen: 149.352 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

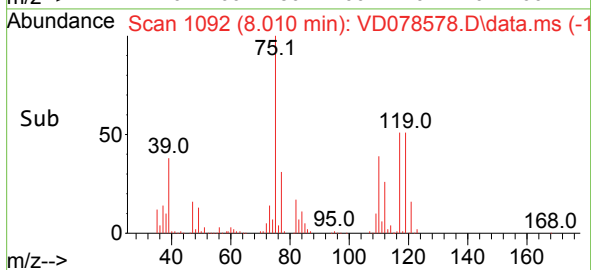
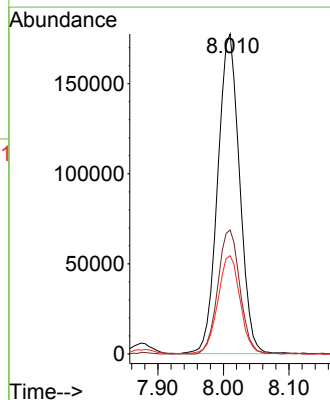
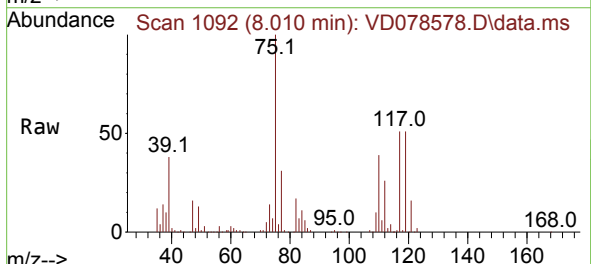
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

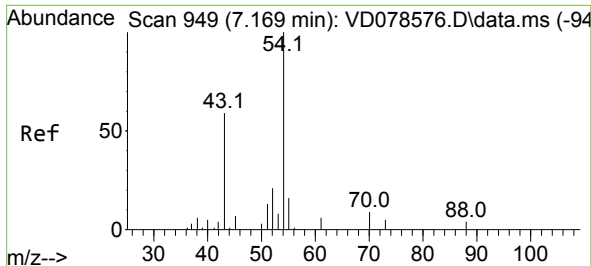
Tgt Ion:113 Resp: 276559
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 19.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 159.922 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 75 Resp: 409783
Ion Ratio Lower Upper
75 100
110 39.2 19.9 59.6
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 160.875 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

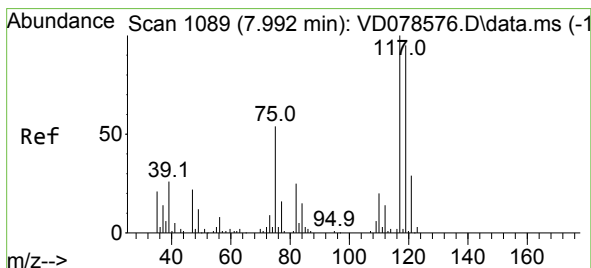
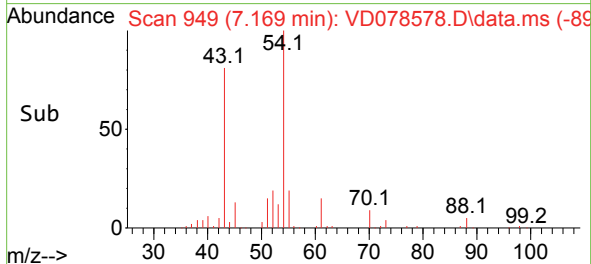
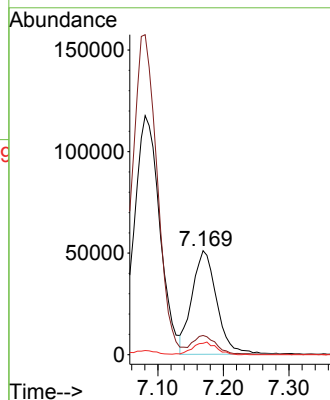
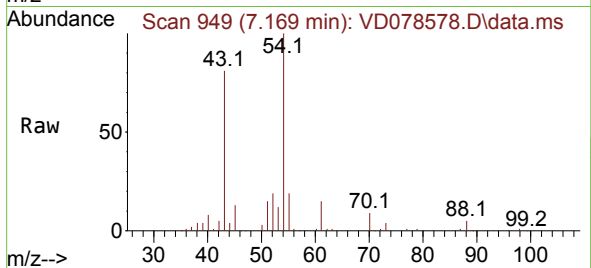
Tgt Ion: 43 Resp: 133568

Ion Ratio Lower Upper

43 100

61 16.5 14.9 22.3

70 11.5 10.0 15.0



#38

Carbon Tetrachloride

Concen: 158.628 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

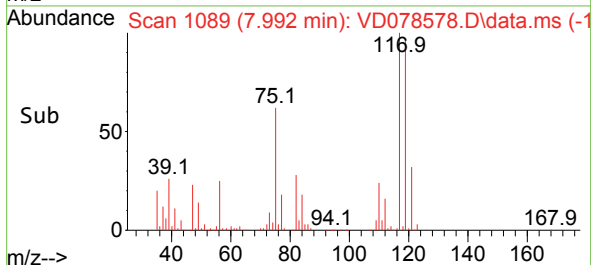
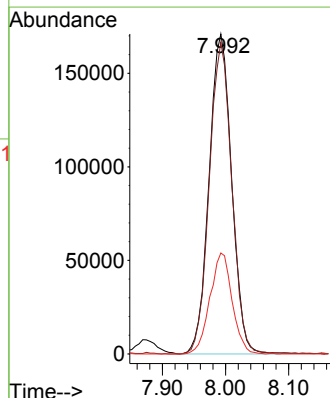
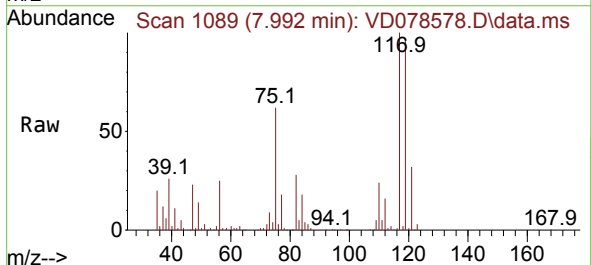
Tgt Ion: 117 Resp: 425136

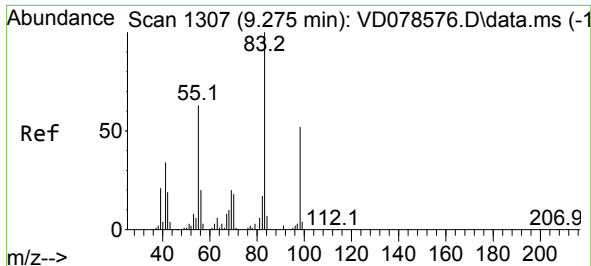
Ion Ratio Lower Upper

117 100

119 97.4 78.0 117.0

121 31.5 24.2 36.2





#39

Methylcyclohexane

Concen: 169.328 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

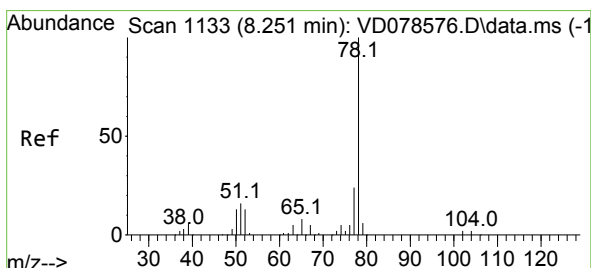
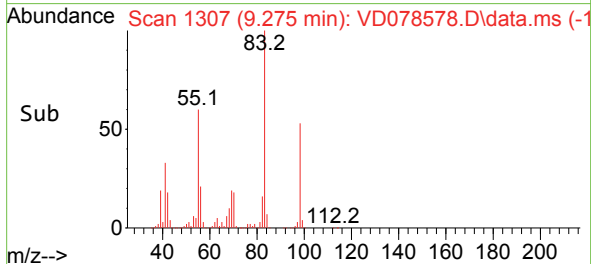
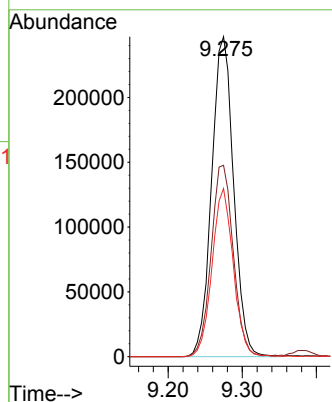
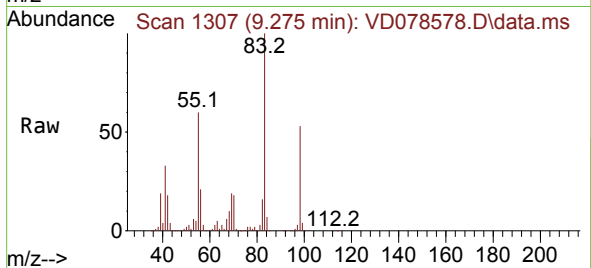
Tgt Ion: 83 Resp: 509247

Ion Ratio Lower Upper

83 100

55 59.8 49.4 74.0

98 52.5 38.4 57.6



#40

Benzene

Concen: 158.844 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078578.D

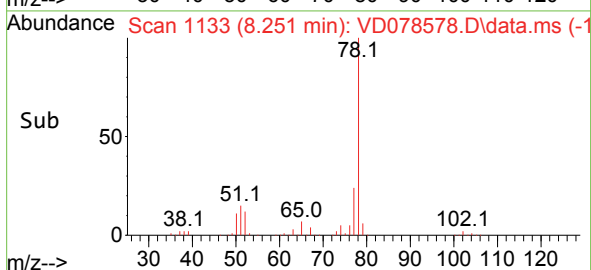
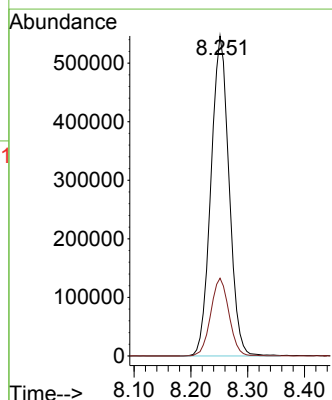
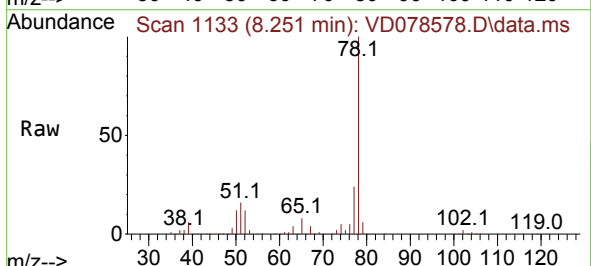
Acq: 01 Mar 2024 14:32

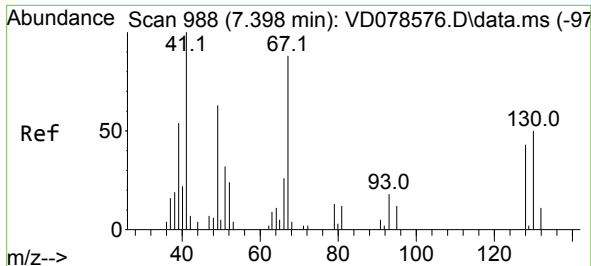
Tgt Ion: 78 Resp: 1206430

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0



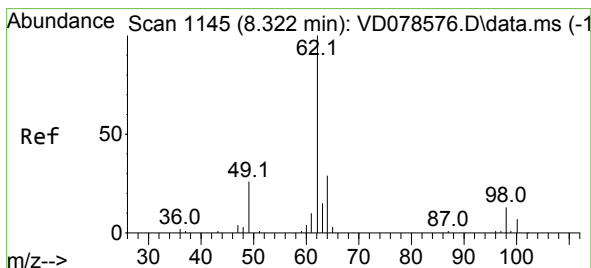
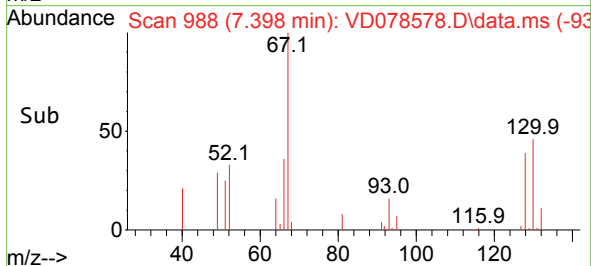
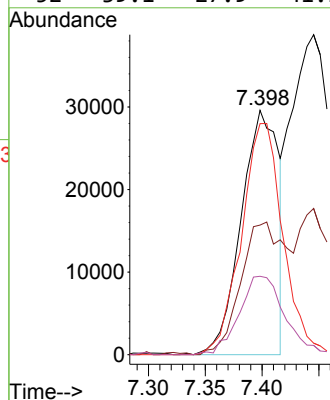
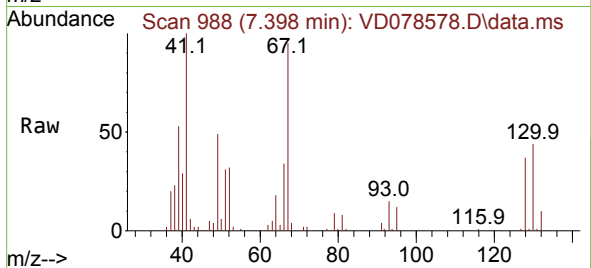


#41
Methacrylonitrile
Concen: 152.104 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 67686

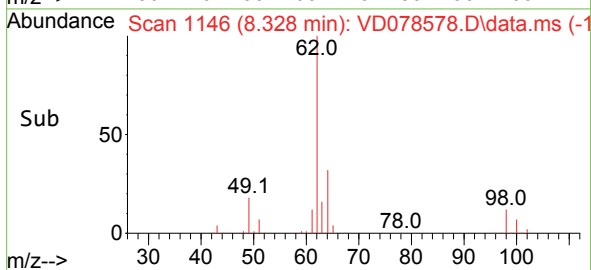
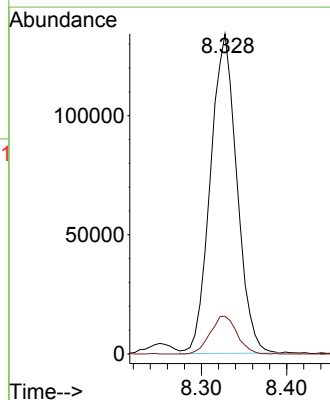
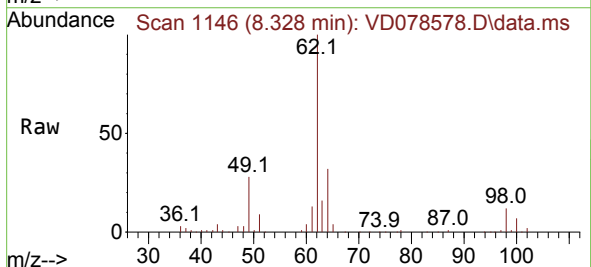
Ion	Ratio	Lower	Upper
41	100		
39	68.3	34.0	51.0#
67	105.4	77.0	115.4
52	39.1	27.9	41.9

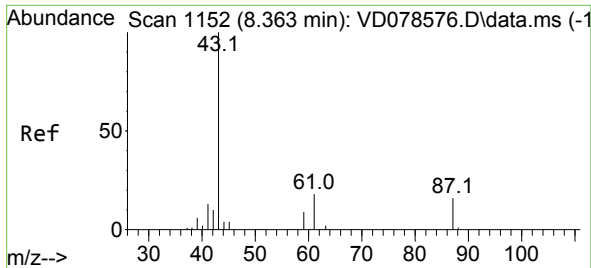


#42
1,2-Dichloroethane
Concen: 149.982 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 62 Resp: 288987

Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	25.4

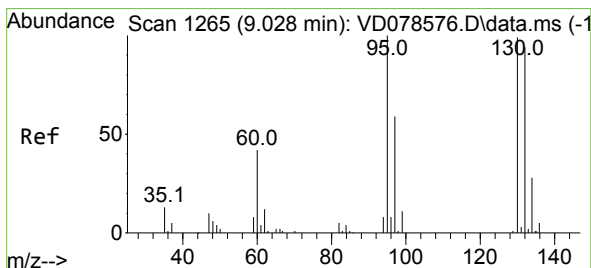
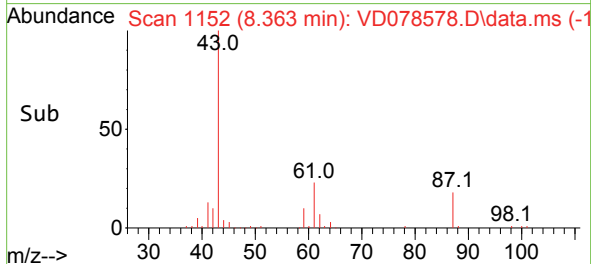
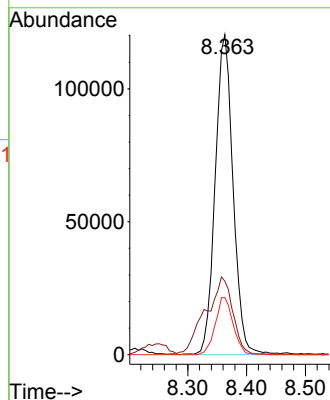
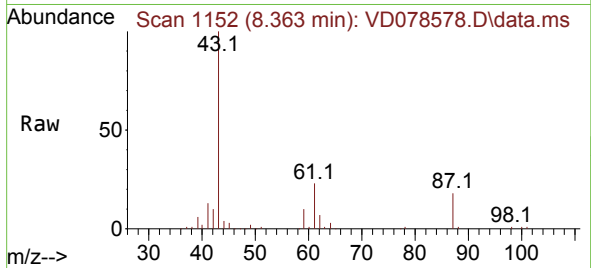




#43
Isopropyl Acetate
Concen: 159.866 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

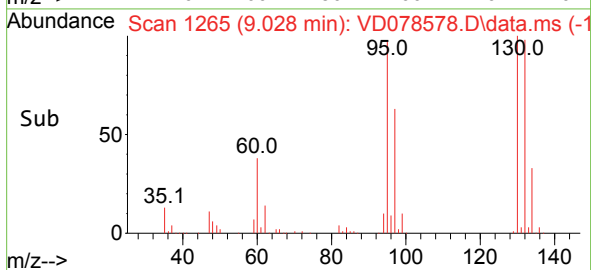
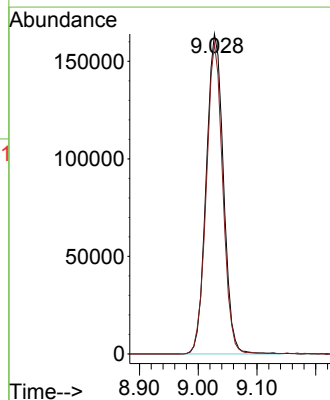
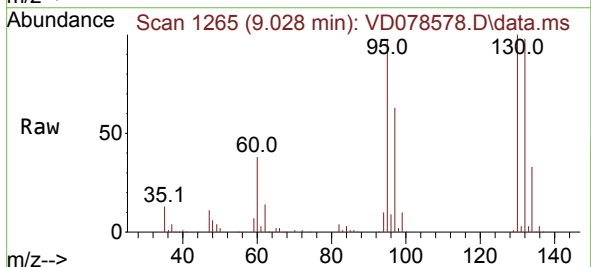
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

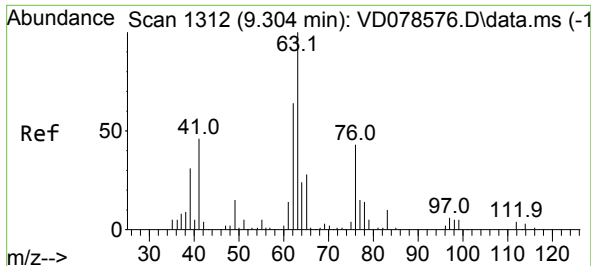
Tgt Ion: 43 Resp: 254466
Ion Ratio Lower Upper
43 100
61 36.0 31.4 47.0
87 18.0 14.9 22.3



#44
Trichloroethene
Concen: 159.582 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion:130 Resp: 332601
Ion Ratio Lower Upper
130 100
95 97.1 0.0 179.2

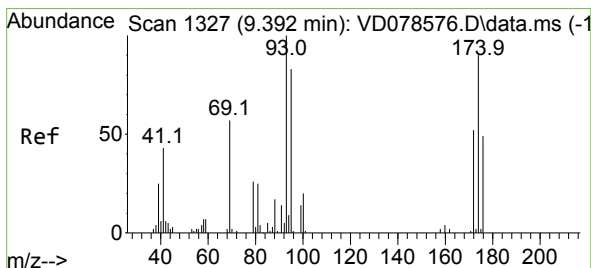
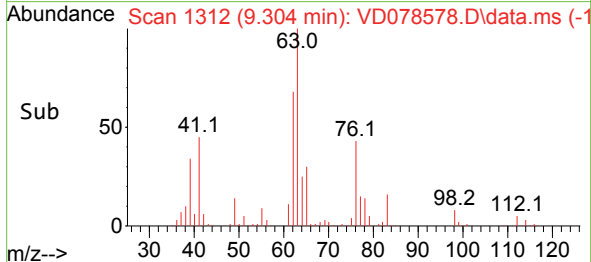
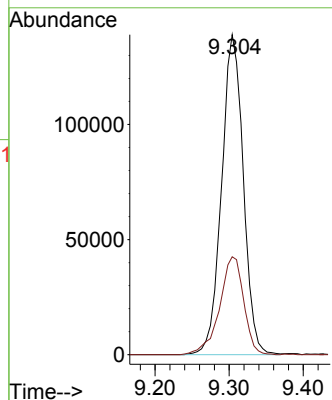
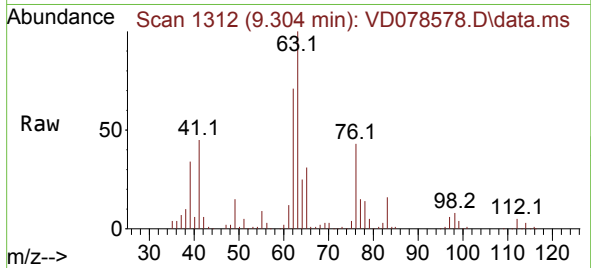




#45
1,2-Dichloropropane
Concen: 154.963 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

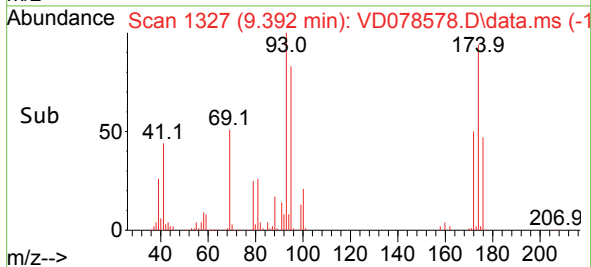
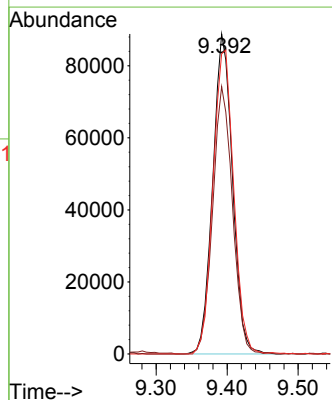
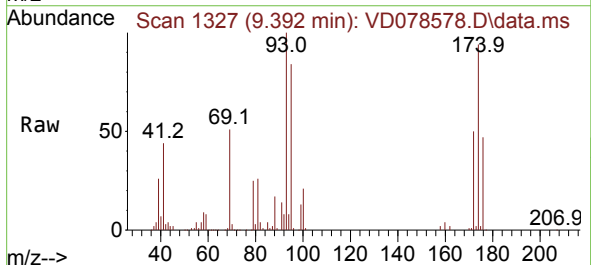
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

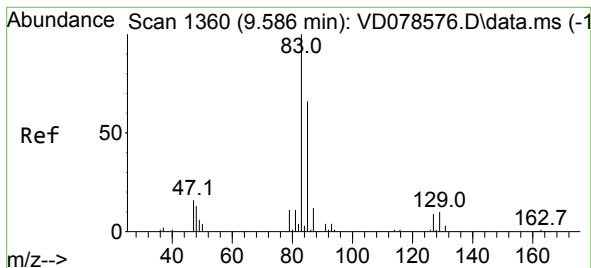
Tgt Ion: 63 Resp: 282726
Ion Ratio Lower Upper
63 100
65 30.6 24.5 36.7



#46
Dibromomethane
Concen: 163.309 ug/l
RT: 9.392 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 93 Resp: 171766
Ion Ratio Lower Upper
93 100
95 83.9 67.7 101.5
174 99.1 85.4 128.2





#47

Bromodichloromethane

Concen: 157.203 ug/l

RT: 9.586 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

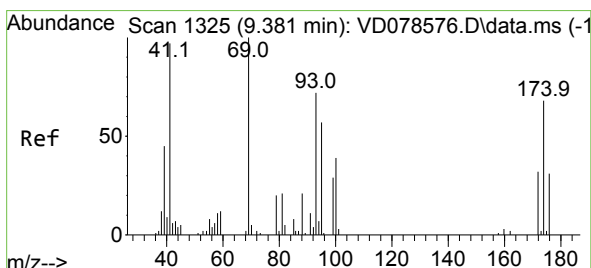
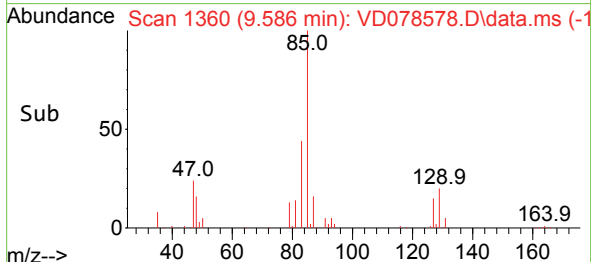
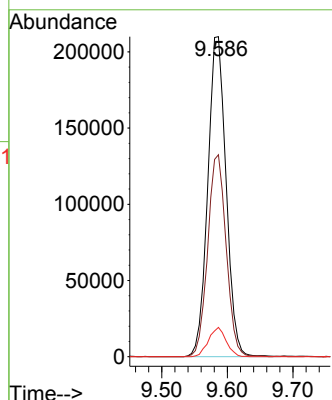
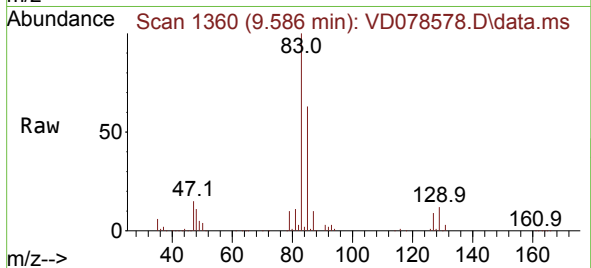
Tgt Ion: 83 Resp: 407695

Ion Ratio Lower Upper

83 100

85 63.1 50.2 75.4

127 9.2 6.3 9.5



#48

Methyl methacrylate

Concen: 171.515 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

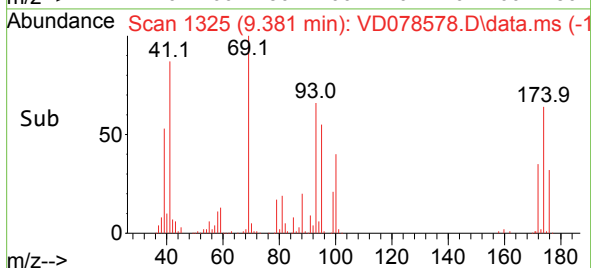
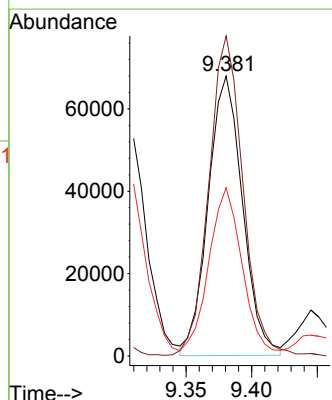
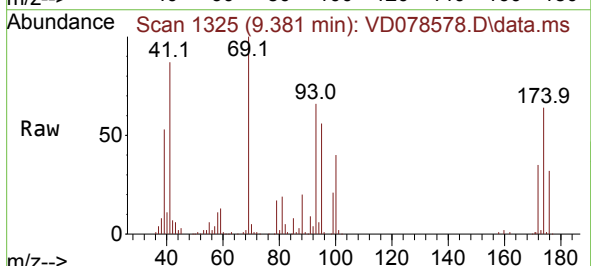
Tgt Ion: 41 Resp: 123670

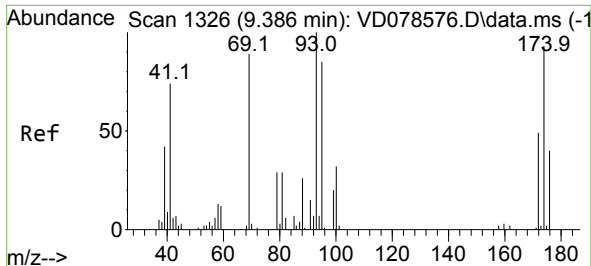
Ion Ratio Lower Upper

41 100

69 113.7 102.2 153.2

39 55.2 41.4 62.2





#49

1,4-Dioxane

Concen: 3107.668 ug/l

RT: 9.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

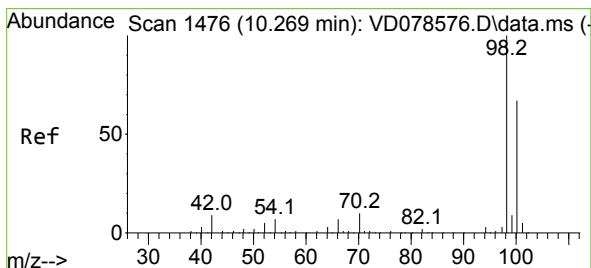
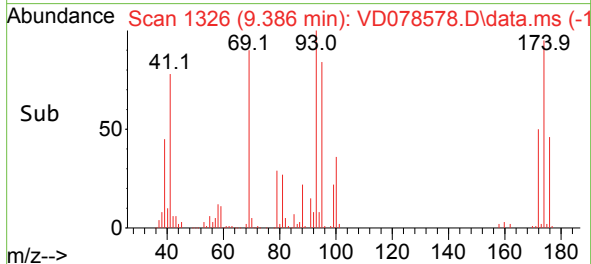
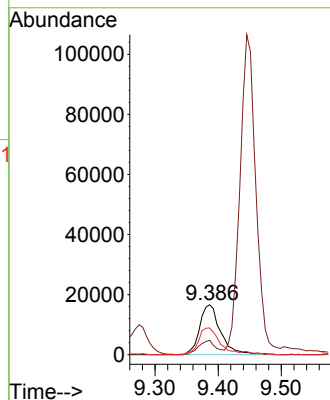
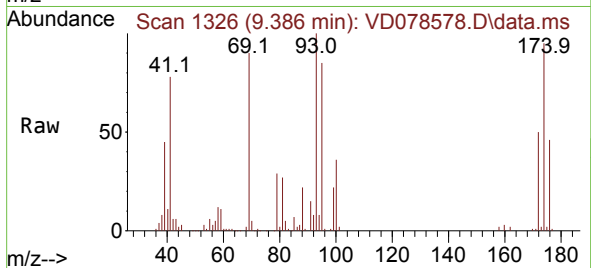
Tgt Ion: 88 Resp: 38171

Ion Ratio Lower Upper

88 100

43 24.9 19.0 28.6

58 53.3 43.5 65.3



#50

Toluene-d8

Concen: 157.229 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078578.D

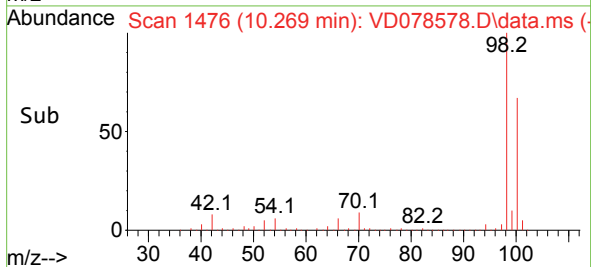
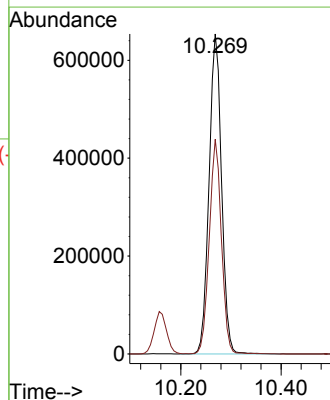
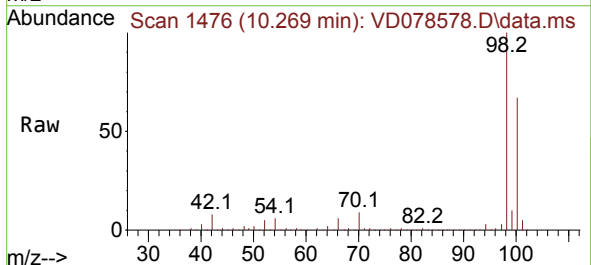
Acq: 01 Mar 2024 14:32

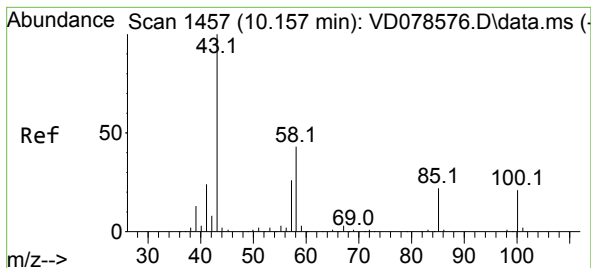
Tgt Ion: 98 Resp: 1131328

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5

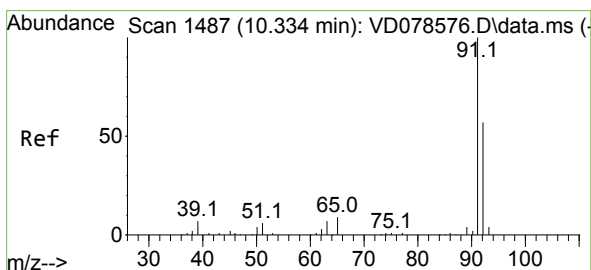
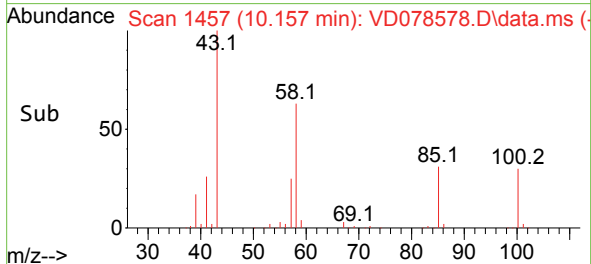
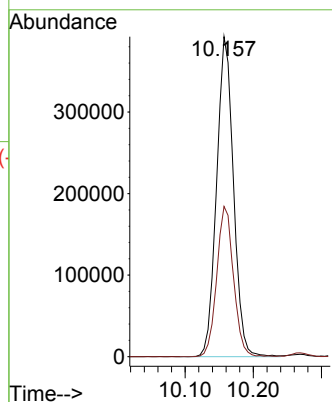
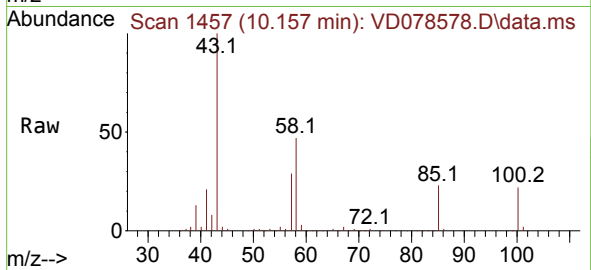




#51
4-Methyl-2-Pentanone
Concen: 823.902 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

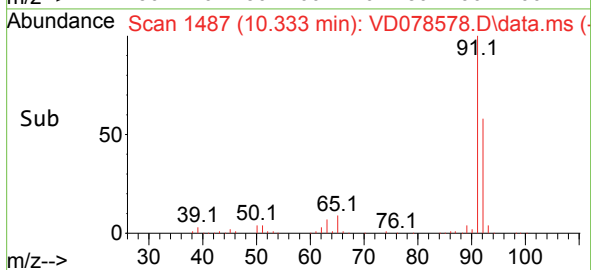
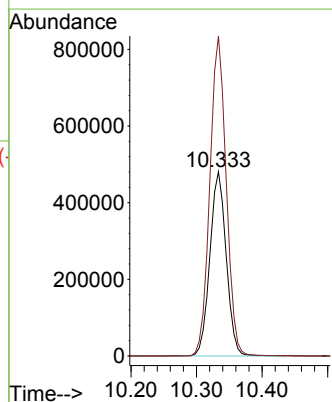
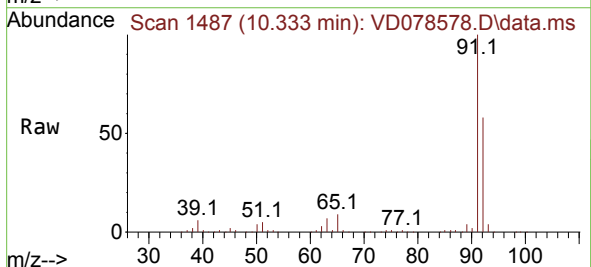
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

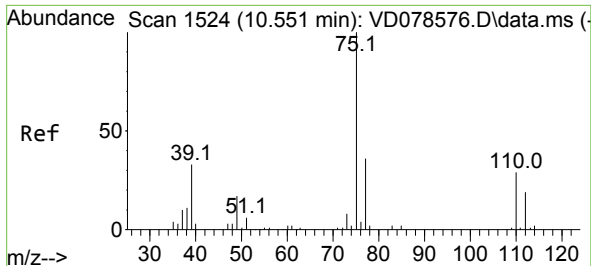
Tgt Ion: 43 Resp: 676901
Ion Ratio Lower Upper
43 100
58 46.6 38.9 58.3



#52
Toluene
Concen: 170.149 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 92 Resp: 829199
Ion Ratio Lower Upper
92 100
91 174.5 143.0 214.4

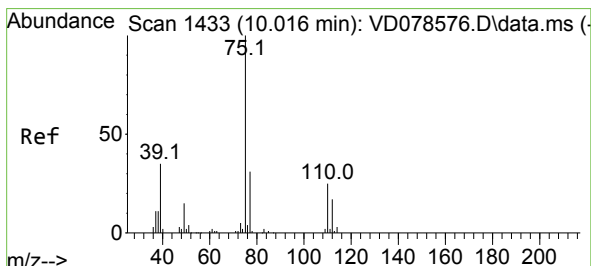
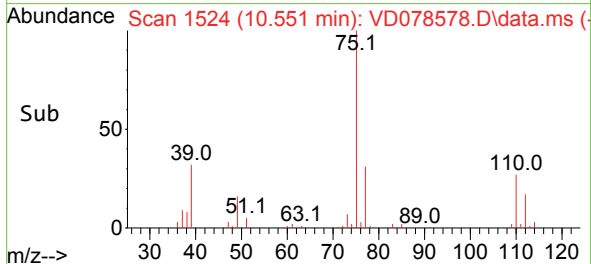
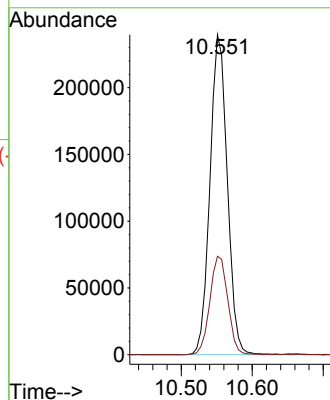
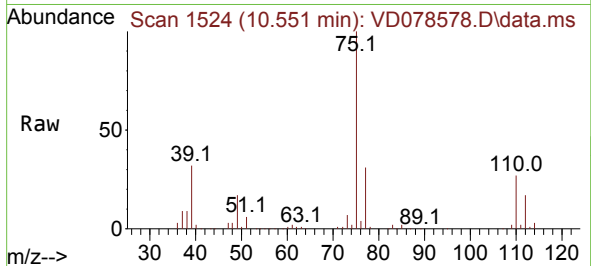




#53
 t-1,3-Dichloropropene
 Concen: 169.182 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD078578.D
 Acq: 01 Mar 2024 14:32

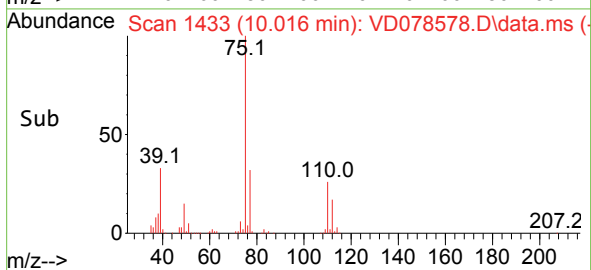
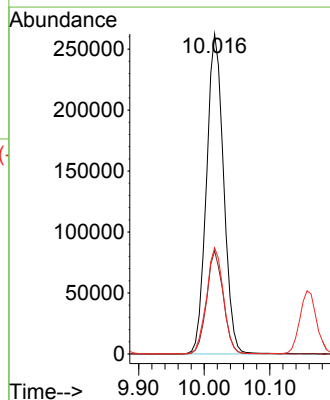
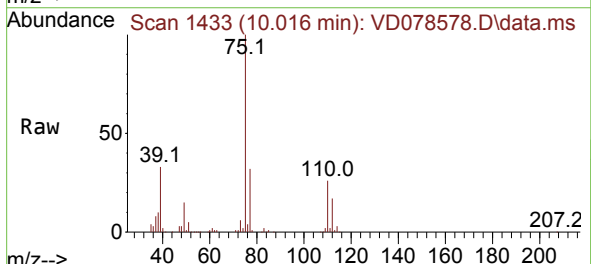
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

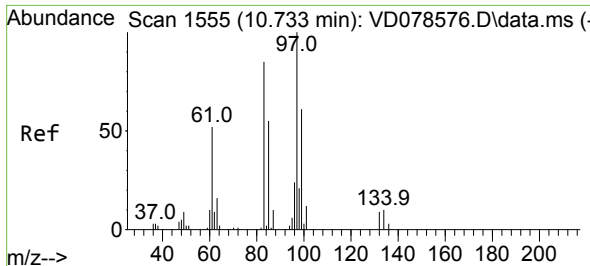
Tgt Ion: 75 Resp: 405898
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 165.843 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078578.D
 Acq: 01 Mar 2024 14:32

Tgt Ion: 75 Resp: 476401
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.5 38.3
 39 33.2 22.1 33.1#



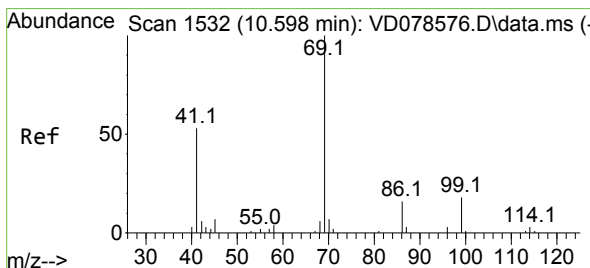
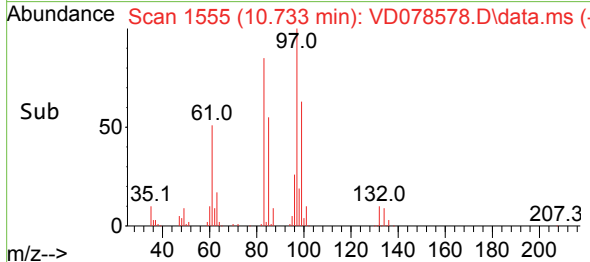
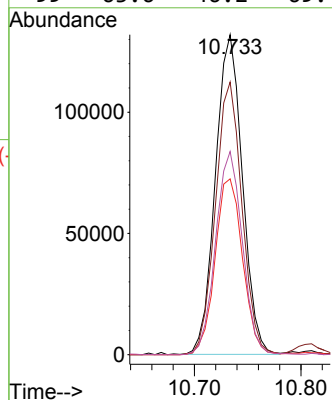
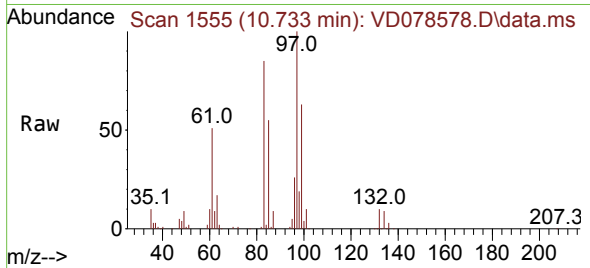


#55
1,1,2-Trichloroethane
Concen: 156.501 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 231780

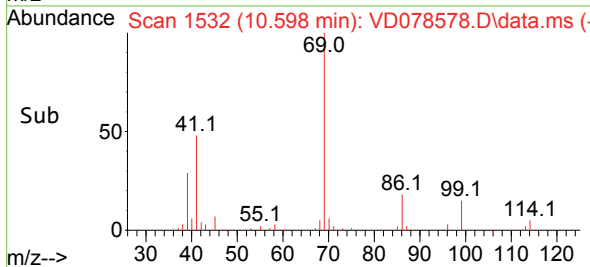
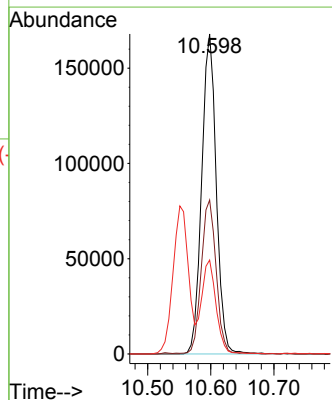
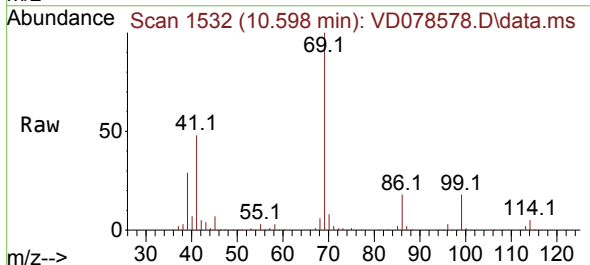
Ion	Ratio	Lower	Upper
97	100		
83	85.3	65.8	98.6
85	55.0	45.7	68.5
99	63.6	46.2	69.4

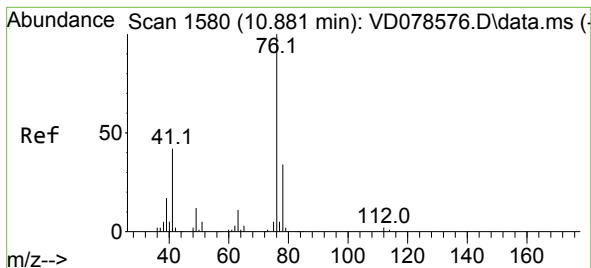


#56
Ethyl methacrylate
Concen: 181.760 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 69 Resp: 269804

Ion	Ratio	Lower	Upper
69	100		
41	48.6	39.1	58.7
39	29.4	20.0	30.0





#57

1,3-Dichloropropane

Concen: 159.761 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

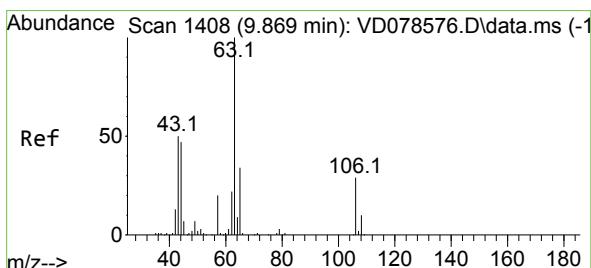
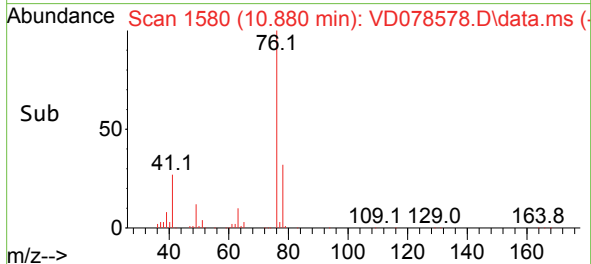
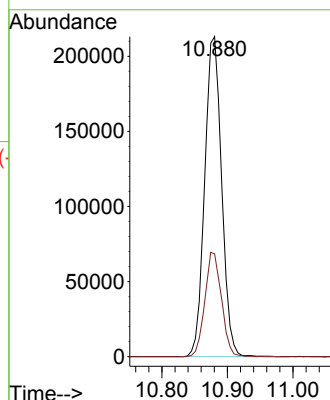
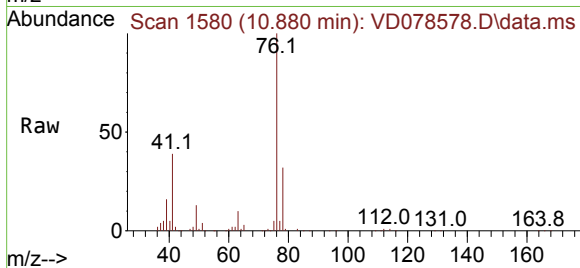
VSTDIC150

Tgt Ion: 76 Resp: 383424

Ion Ratio Lower Upper

76 100

78 32.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 750.475 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078578.D

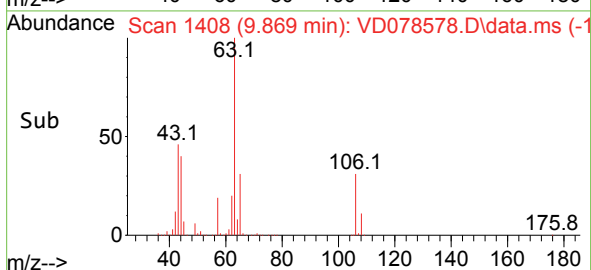
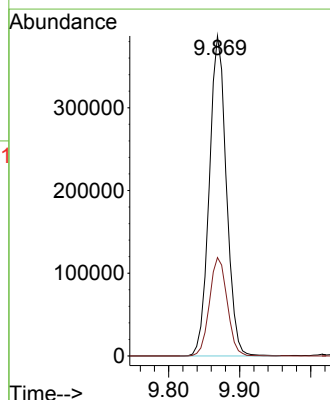
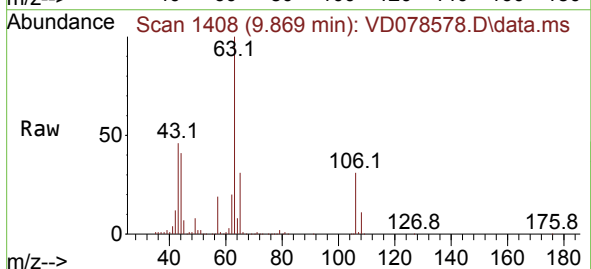
Acq: 01 Mar 2024 14:32

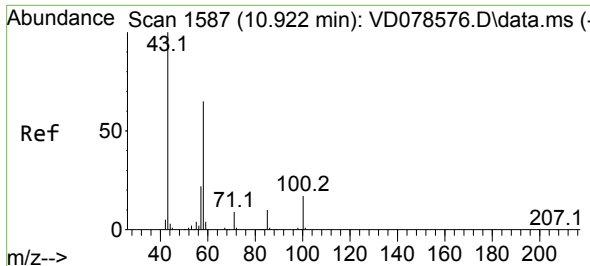
Tgt Ion: 63 Resp: 647445

Ion Ratio Lower Upper

63 100

106 31.8 25.3 37.9

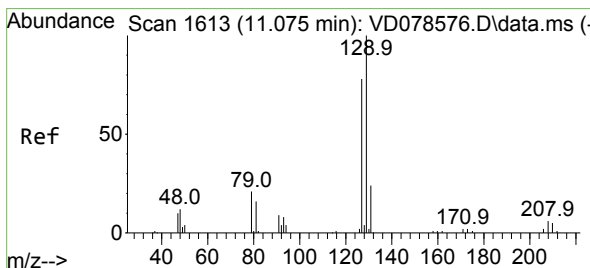
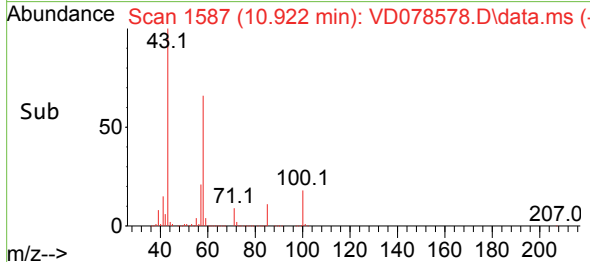
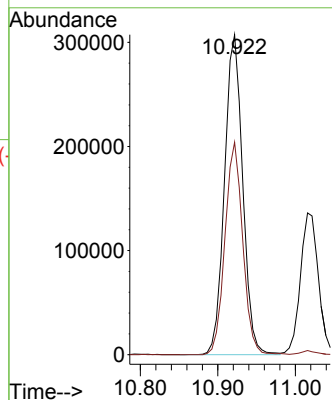
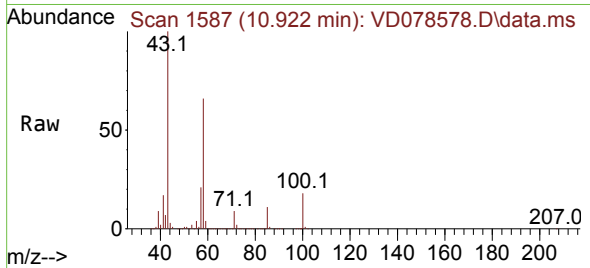




#59
2-Hexanone
Concen: 823.371 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

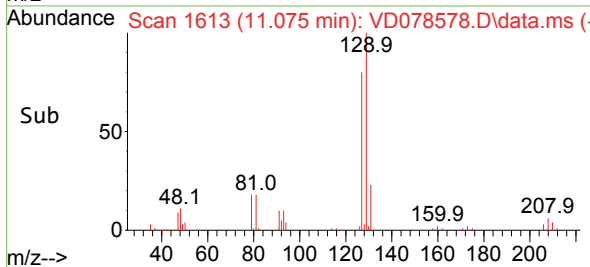
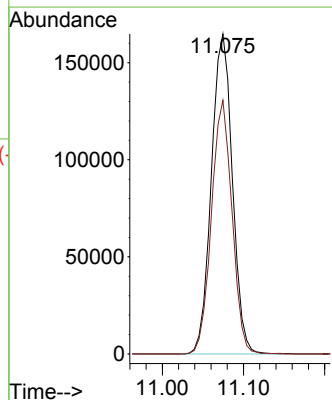
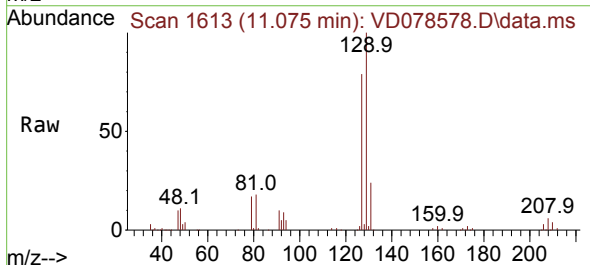
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

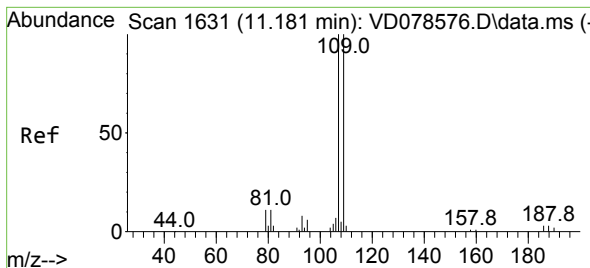
Tgt Ion: 43 Resp: 501747
Ion Ratio Lower Upper
43 100
58 64.9 34.1 102.2



#60
Dibromochloromethane
Concen: 165.463 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 129 Resp: 295894
Ion Ratio Lower Upper
129 100
127 77.6 37.1 111.5

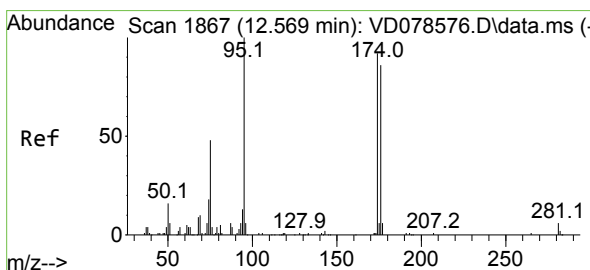
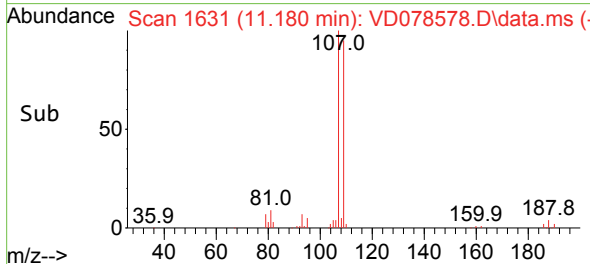
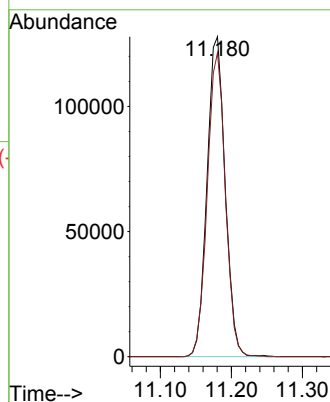
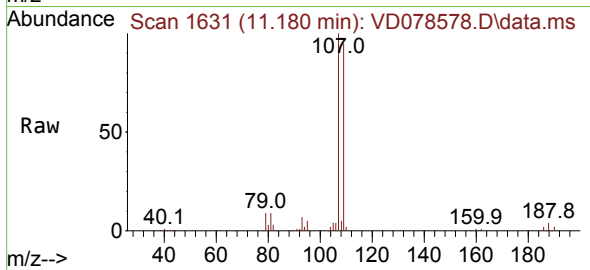




#61
1,2-Dibromoethane
Concen: 167.149 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

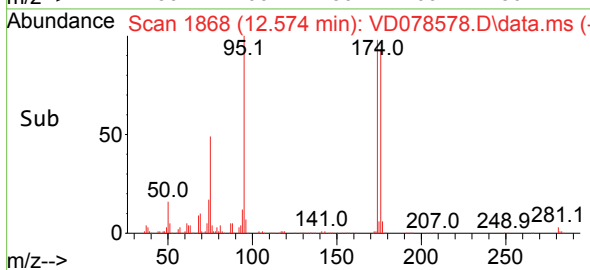
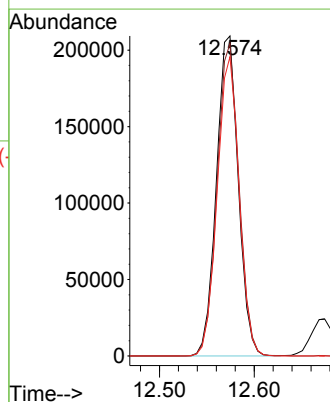
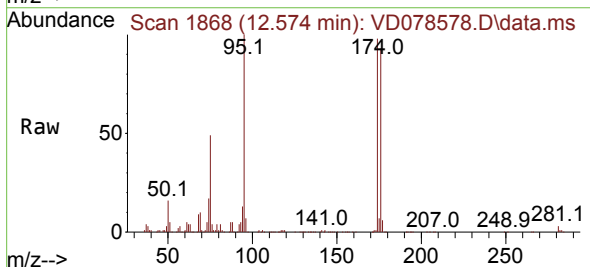
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

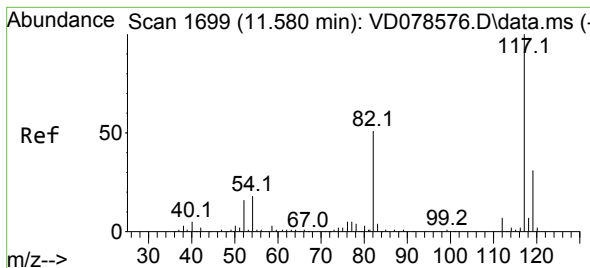
Tgt Ion:107 Resp: 227190
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 163.464 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 95 Resp: 335941
Ion Ratio Lower Upper
95 100
174 97.7 0.0 201.8
176 93.7 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.580 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

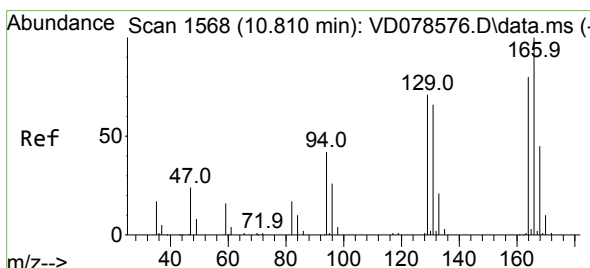
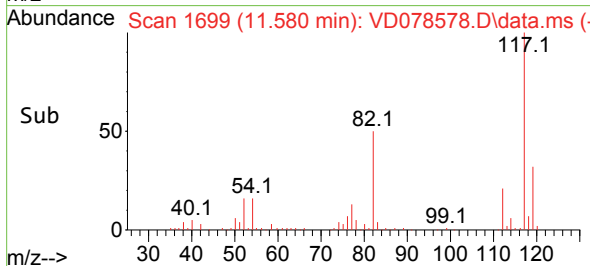
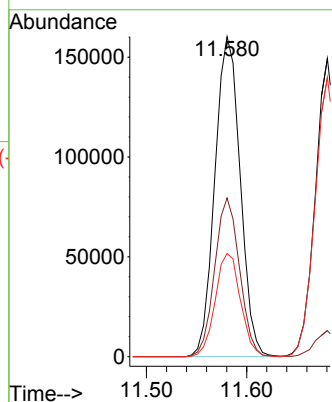
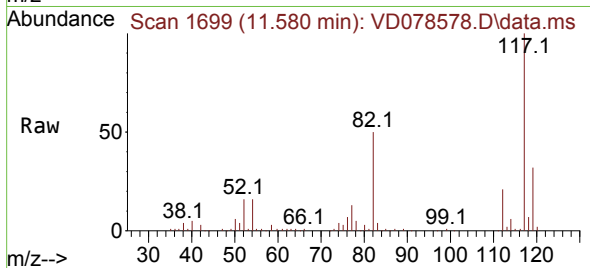
Tgt Ion:117 Resp: 280943

Ion Ratio Lower Upper

117 100

82 49.6 38.3 57.5

119 32.3 25.0 37.4



#64

Tetrachloroethene

Concen: 159.630 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Tgt Ion:164 Resp: 282176

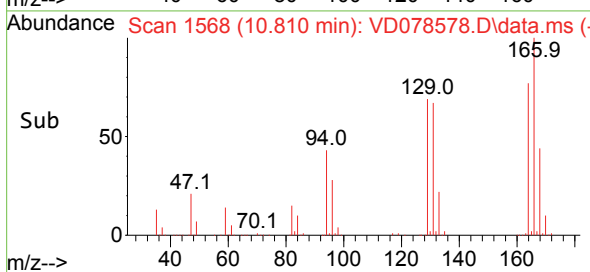
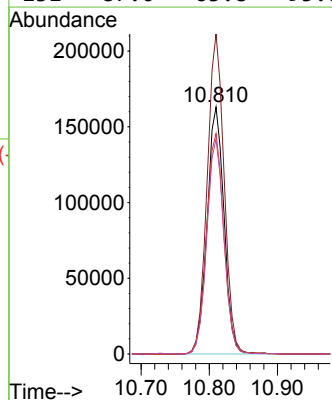
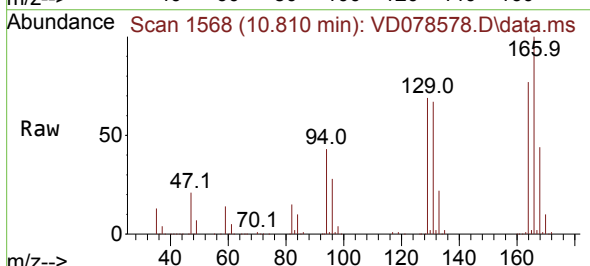
Ion Ratio Lower Upper

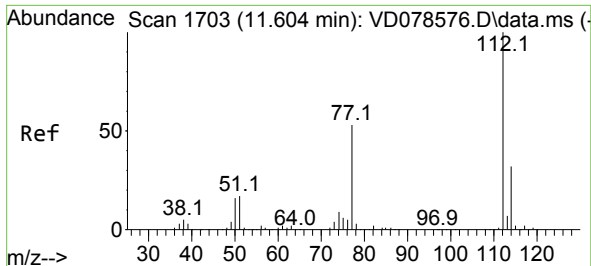
164 100

166 129.6 99.2 148.8

129 89.2 68.4 102.6

131 87.0 63.8 95.8

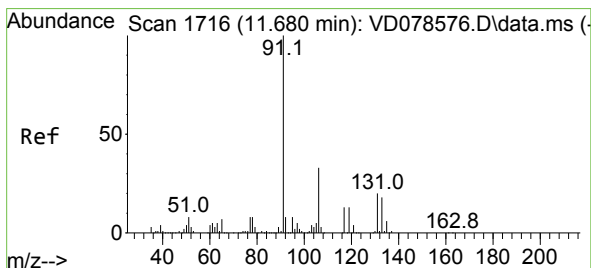
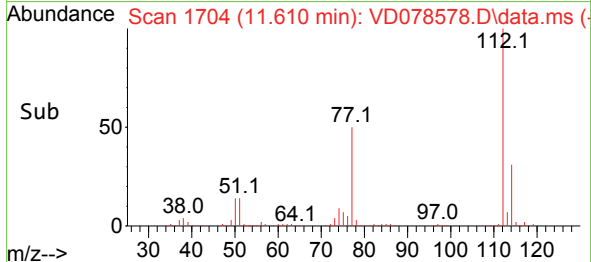
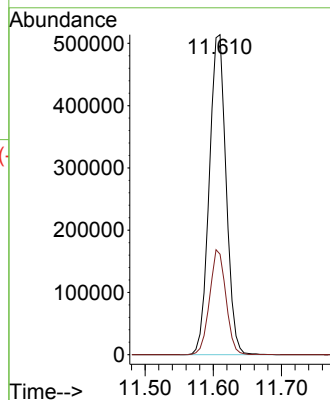
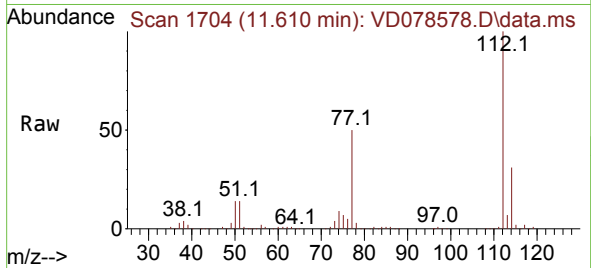




#65
Chlorobenzene
Concen: 159.426 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

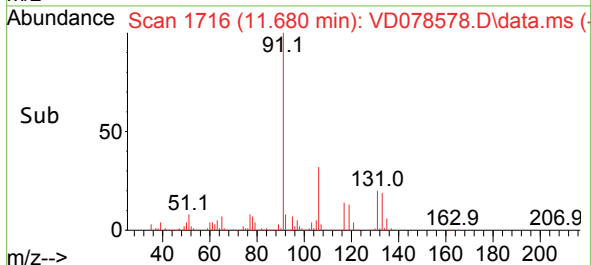
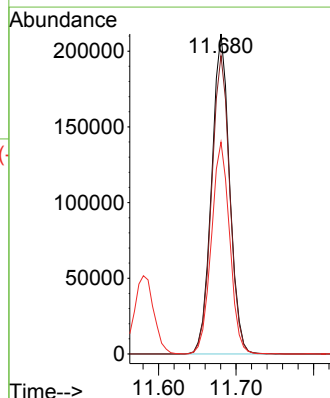
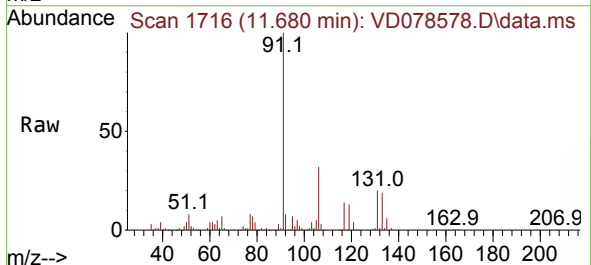
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

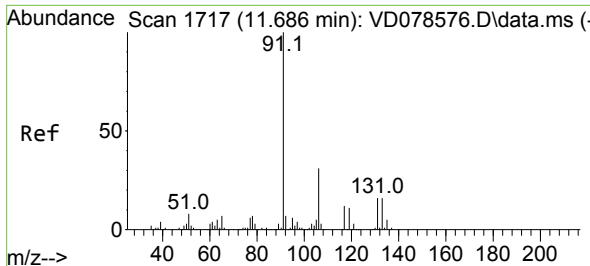
Tgt Ion:112 Resp: 882023
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 165.793 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion:131 Resp: 341473
Ion Ratio Lower Upper
131 100
133 94.3 48.5 145.5
119 67.1 35.6 106.9

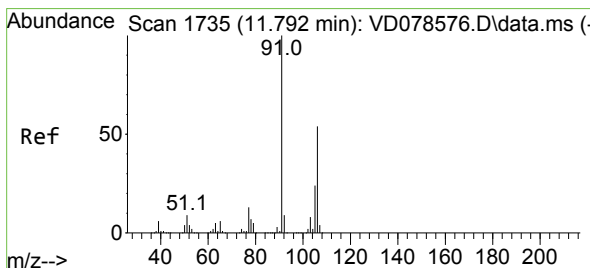
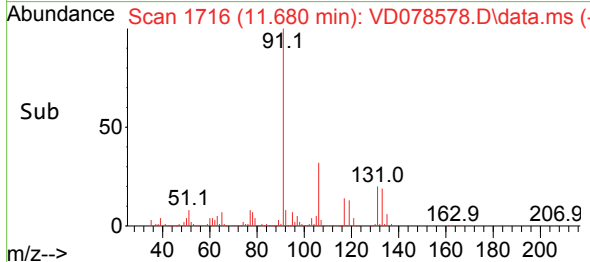
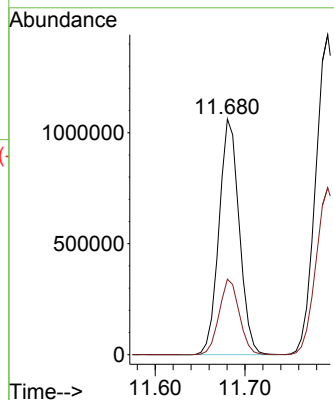
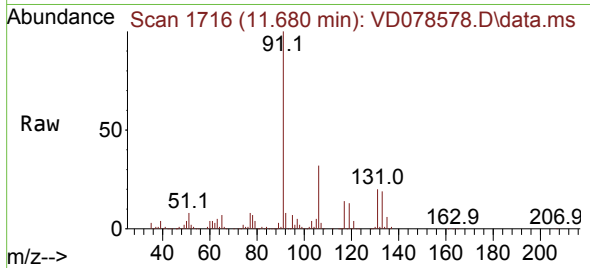




#67
Ethyl Benzene
Concen: 173.512 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

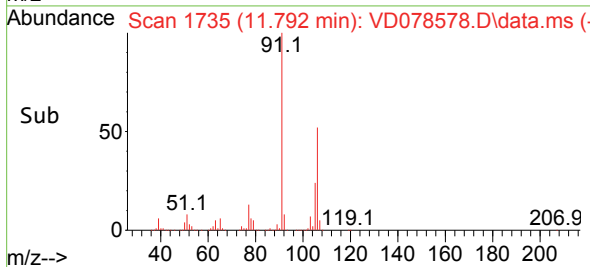
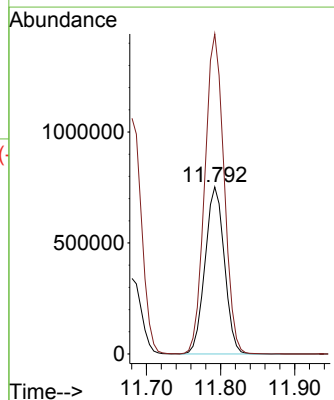
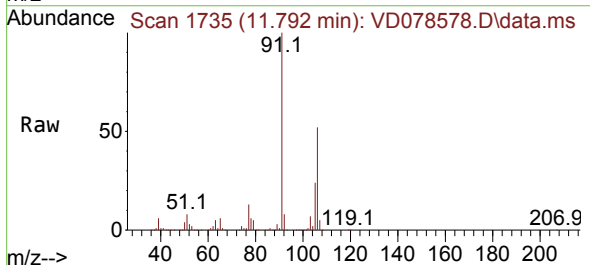
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

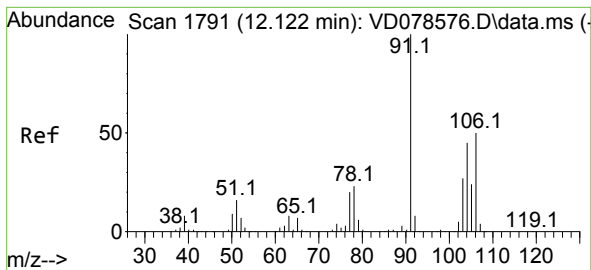
Tgt Ion: 91 Resp: 1663311
Ion Ratio Lower Upper
91 100
106 32.1 26.5 39.7



#68
m/p-Xylenes
Concen: 351.048 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion:106 Resp: 1361418
Ion Ratio Lower Upper
106 100
91 190.8 147.0 220.6

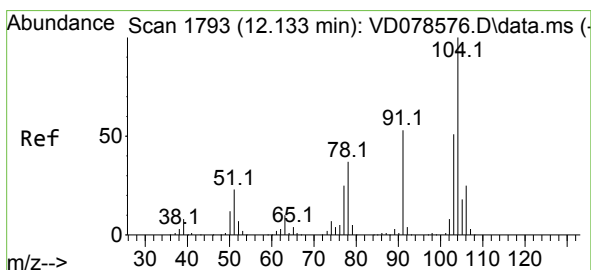
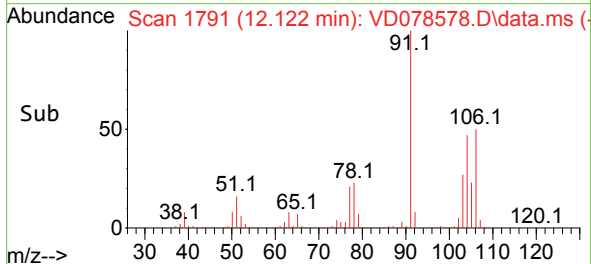
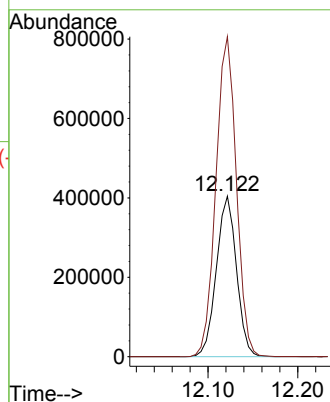
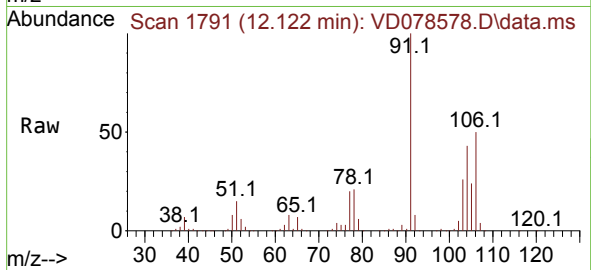




#69
o-Xylene
Concen: 178.895 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

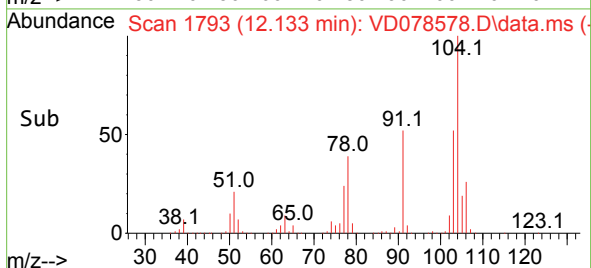
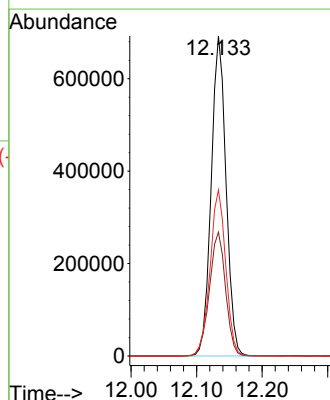
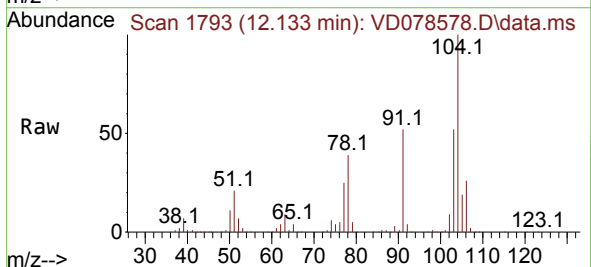
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

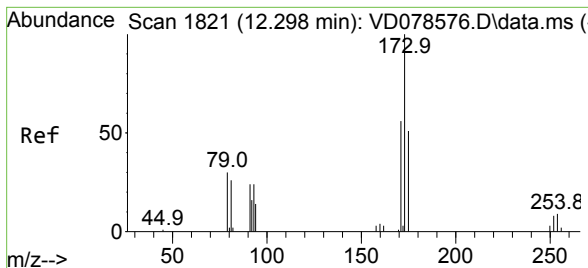
Tgt Ion:106 Resp: 629386
Ion Ratio Lower Upper
106 100
91 202.8 97.9 293.6



#70
Styrene
Concen: 178.394 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion:104 Resp: 1087889
Ion Ratio Lower Upper
104 100
78 42.2 33.2 49.8
103 54.9 43.6 65.4

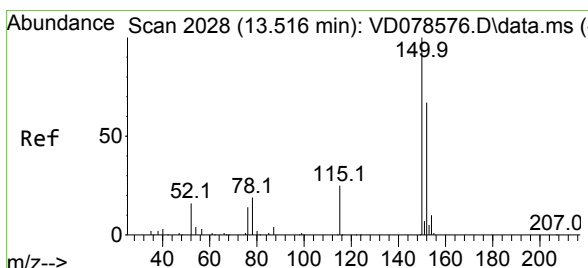
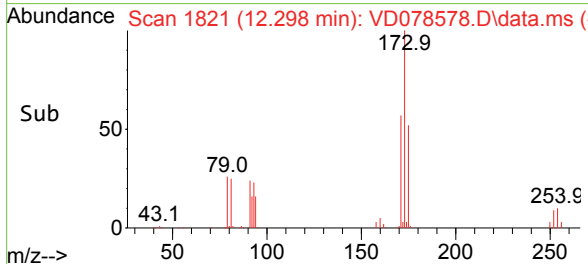
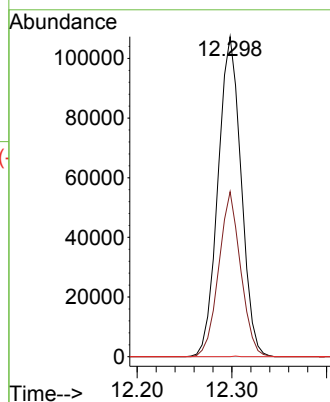
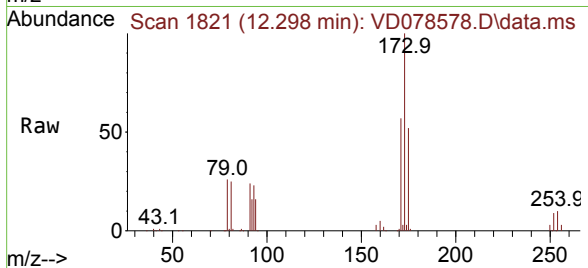




#71
Bromoform
Concen: 165.934 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

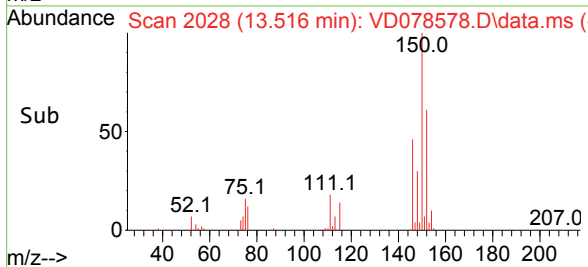
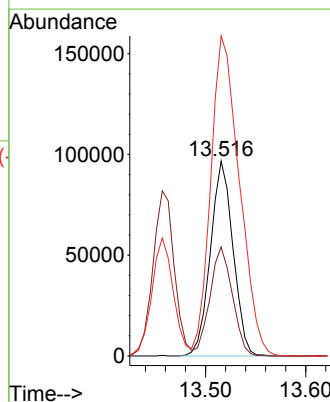
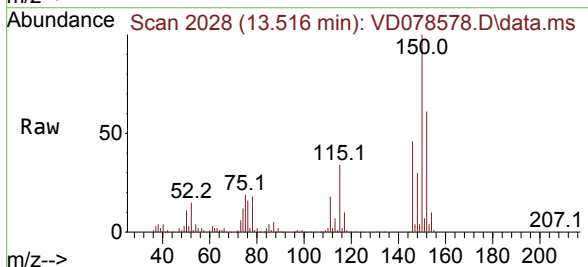
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

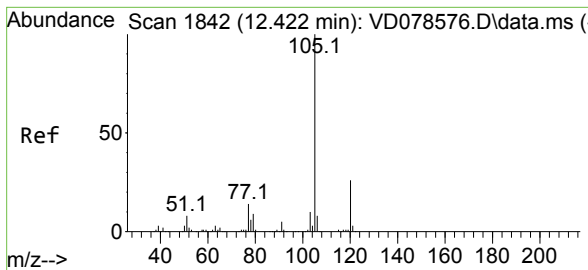
Tgt Ion:173 Resp: 181815
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.8
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion:152 Resp: 151836
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 207.4 0.0 353.6

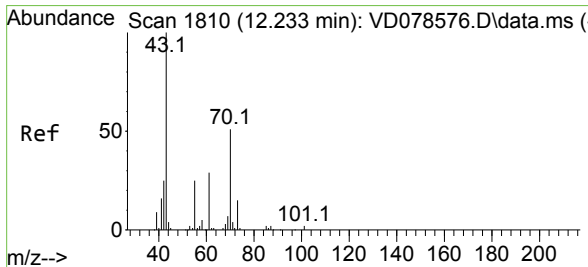
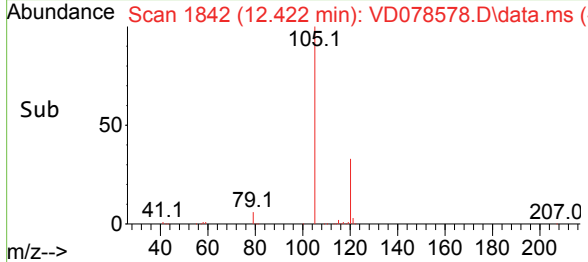
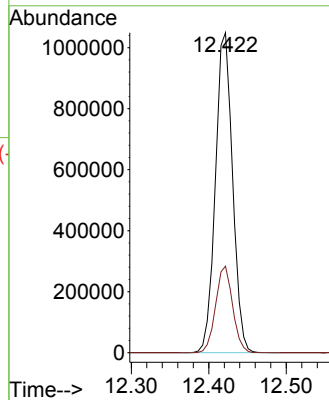
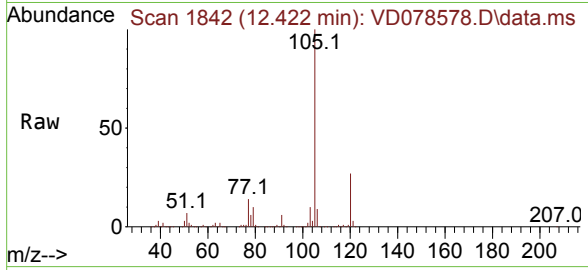




#73
Isopropylbenzene
Concen: 167.368 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

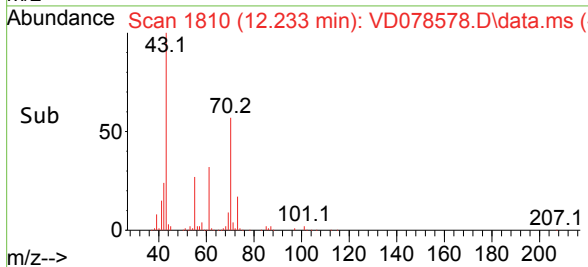
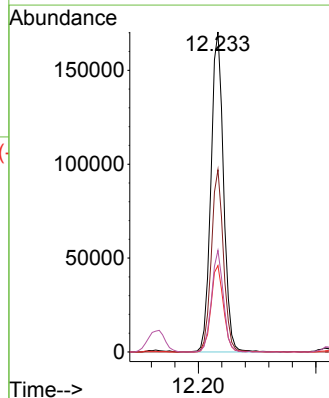
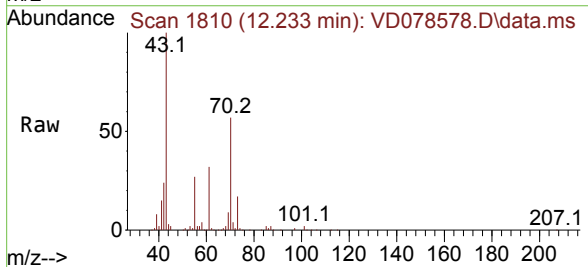
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

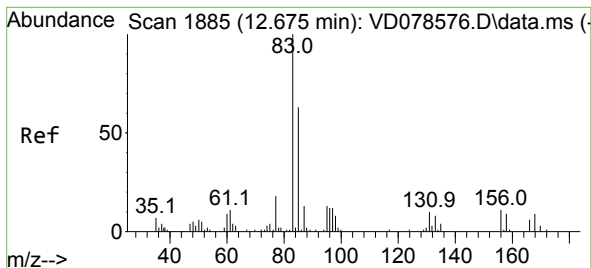
Tgt Ion:105 Resp: 1610899
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9



#74
N-ethyl acetate
Concen: 156.319 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 43 Resp: 253236
Ion Ratio Lower Upper
43 100
70 54.9 45.0 67.4
55 26.8 23.8 35.6
61 30.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 144.402 ug/l

RT: 12.674 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

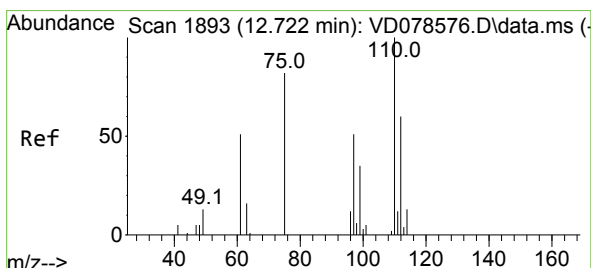
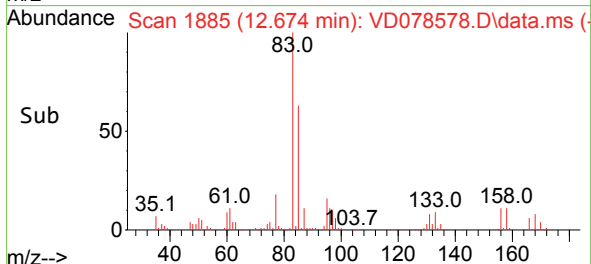
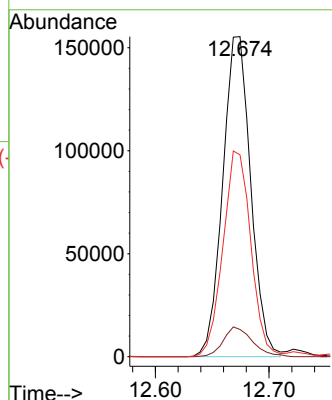
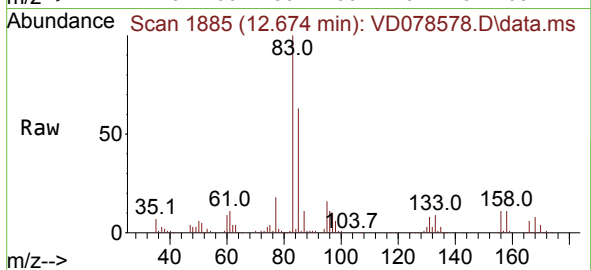
Tgt Ion: 83 Resp: 266254

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.3

85 64.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 279.935 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078578.D

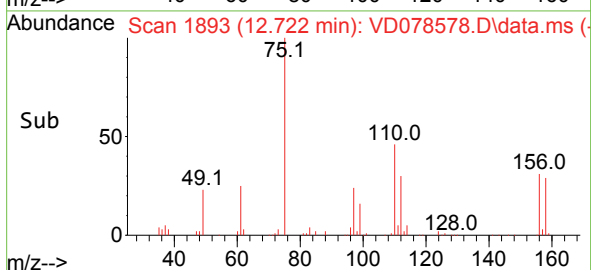
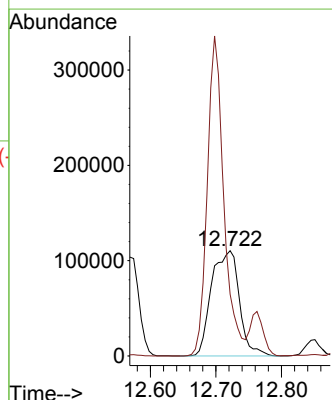
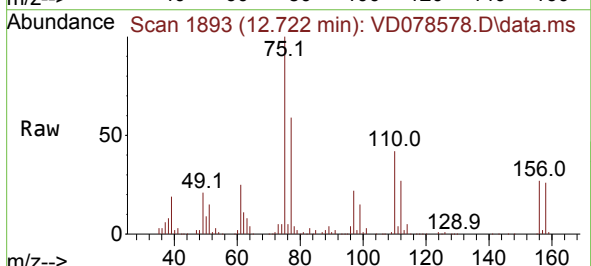
Acq: 01 Mar 2024 14:32

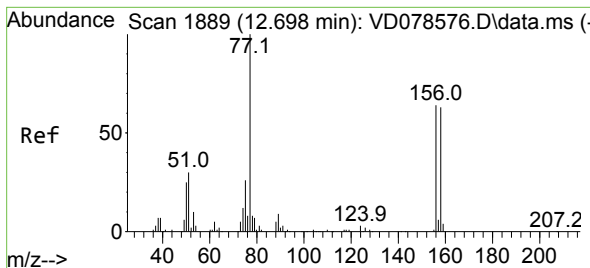
Tgt Ion: 75 Resp: 325363

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 164.076 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

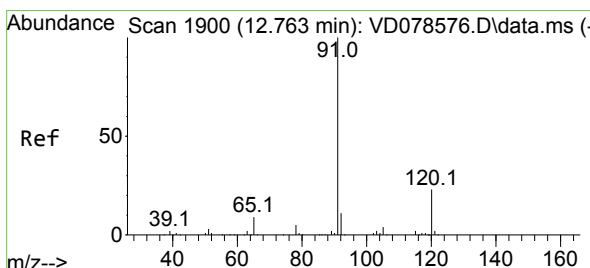
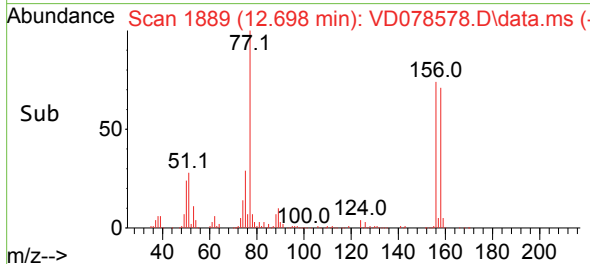
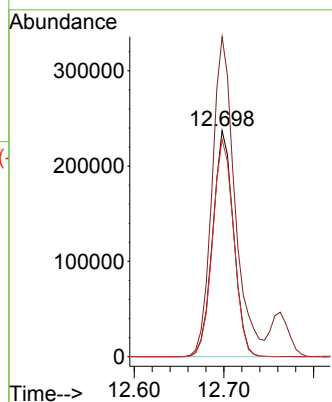
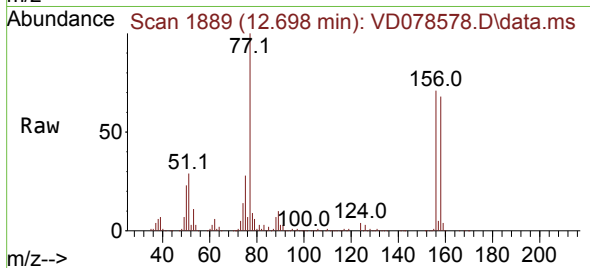
Tgt Ion:156 Resp: 381924

Ion Ratio Lower Upper

156 100

77 155.1 76.8 230.4

158 97.2 48.6 145.9



#78

n-propylbenzene

Concen: 162.373 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078578.D

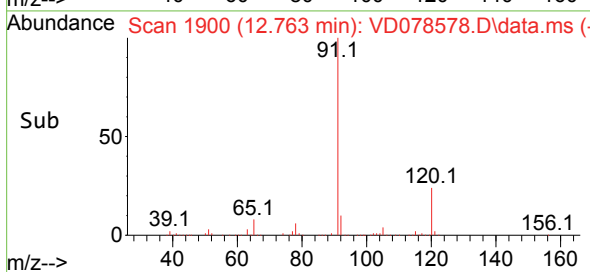
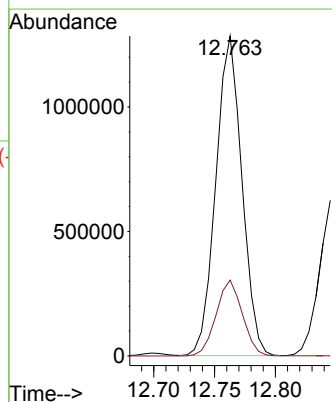
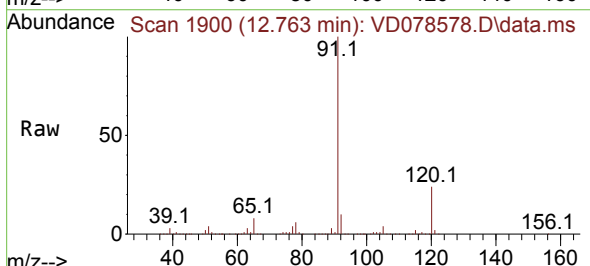
Acq: 01 Mar 2024 14:32

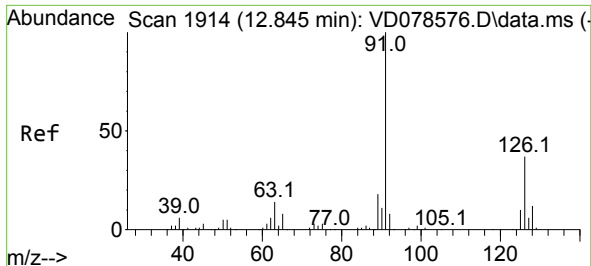
Tgt Ion: 91 Resp: 1911629

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.2

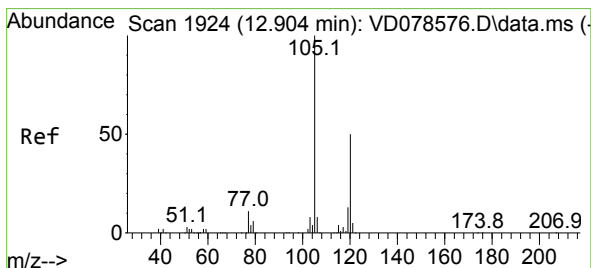
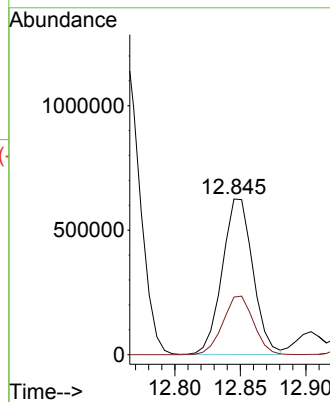
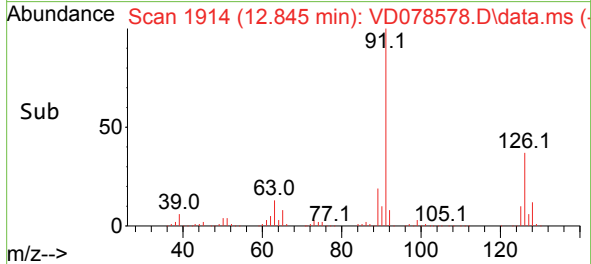
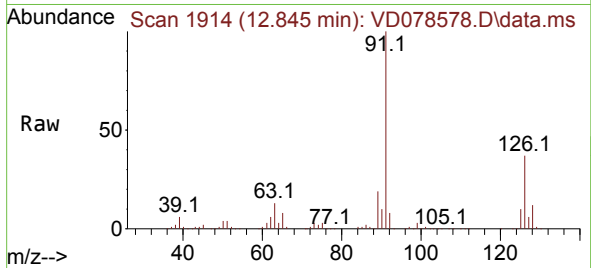




#79
2-Chlorotoluene
Concen: 161.000 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

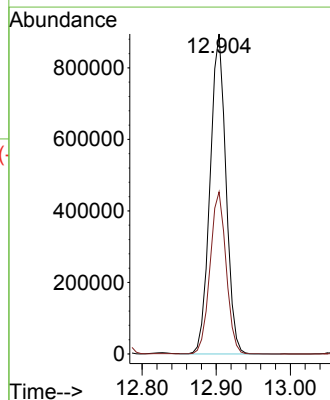
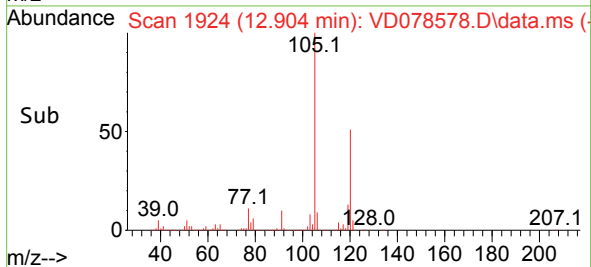
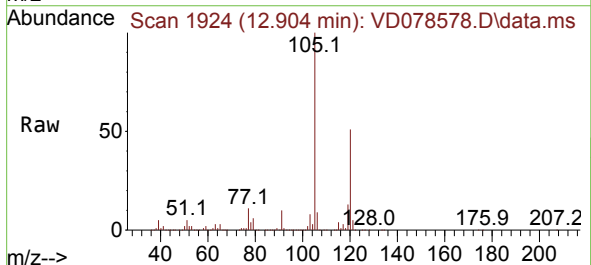
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

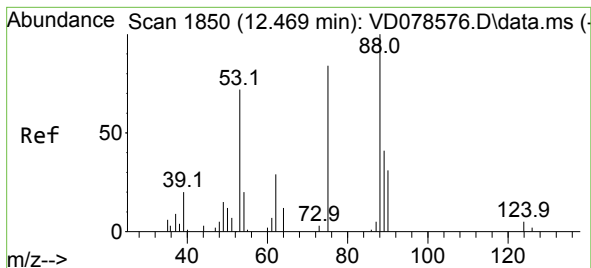
Tgt Ion: 91 Resp: 1017141
Ion Ratio Lower Upper
91 100
126 37.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 170.218 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 105 Resp: 1333145
Ion Ratio Lower Upper
105 100
120 51.1 26.4 79.2

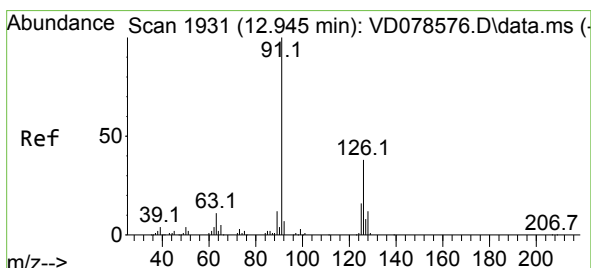
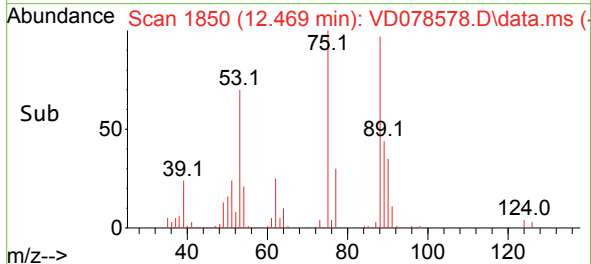
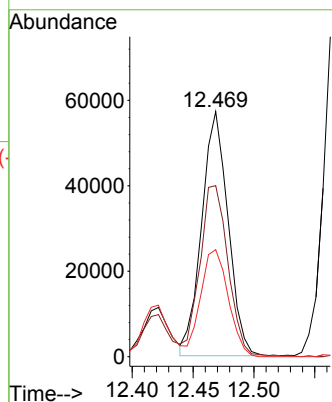
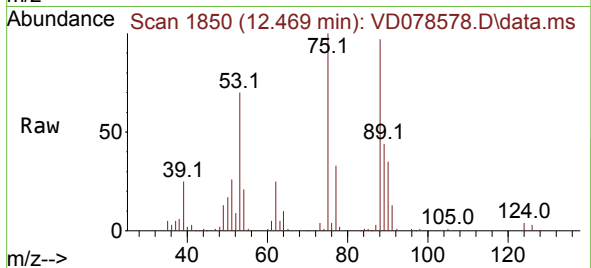




#81
trans-1,4-Dichloro-2-butene
Concen: 159.075 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

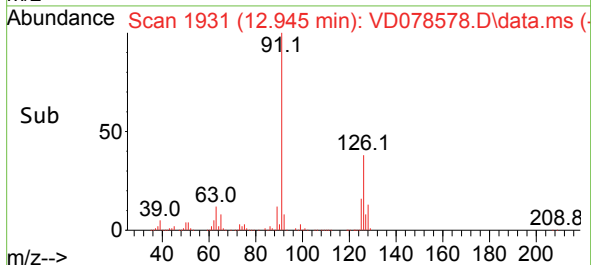
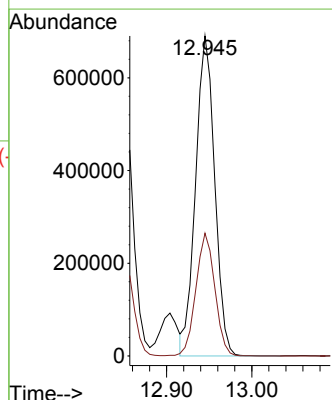
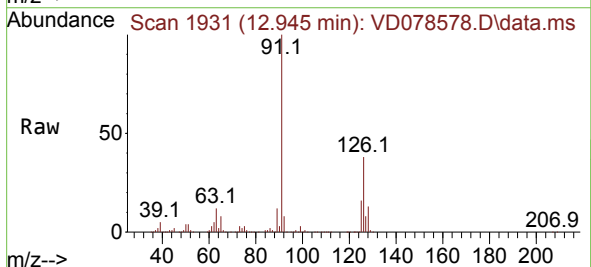
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

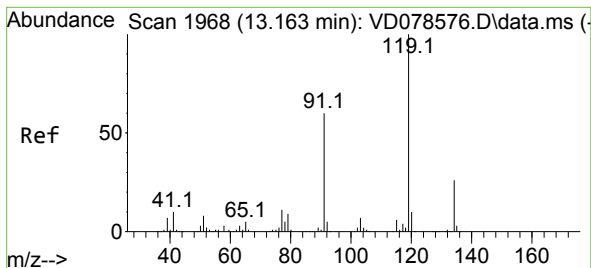
Tgt Ion:	75	Resp:	86183
Ion	Ratio	Lower	Upper
75	100		
53	75.2	63.0	94.4
89	45.4	37.9	56.9



#82
4-Chlorotoluene
Concen: 159.359 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion:	91	Resp:	1072947
Ion	Ratio	Lower	Upper
91	100		
126	38.1	19.4	58.4





#83

tert-Butylbenzene

Concen: 169.533 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

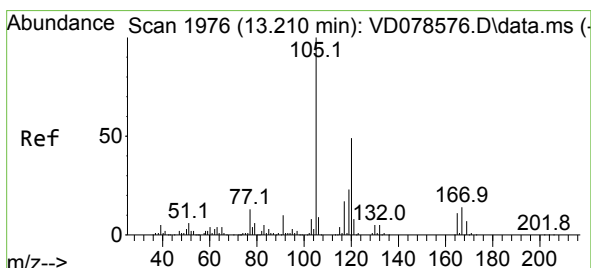
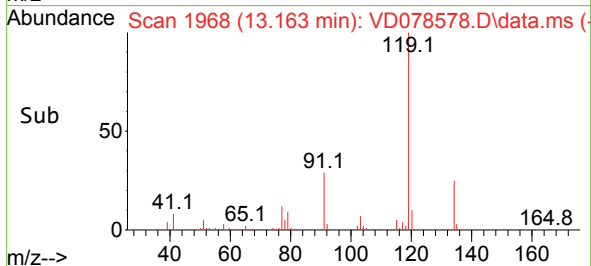
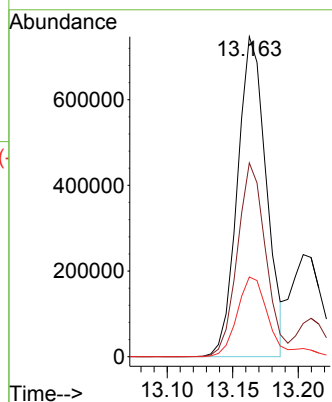
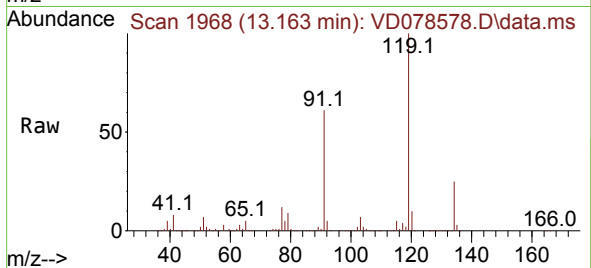
Tgt Ion:119 Resp: 1143290

Ion Ratio Lower Upper

119 100

91 59.7 29.3 87.8

134 27.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 173.002 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078578.D

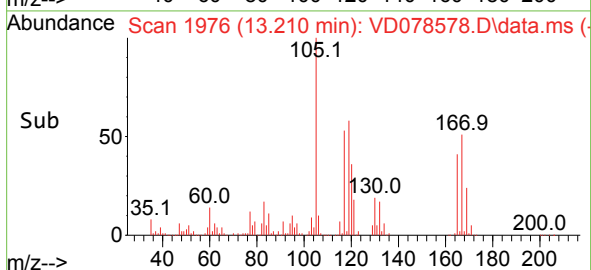
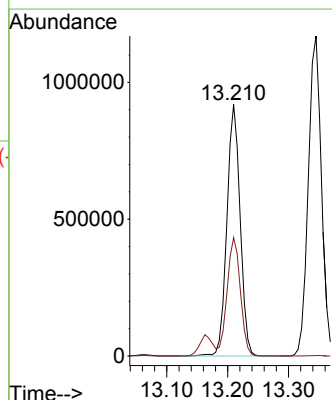
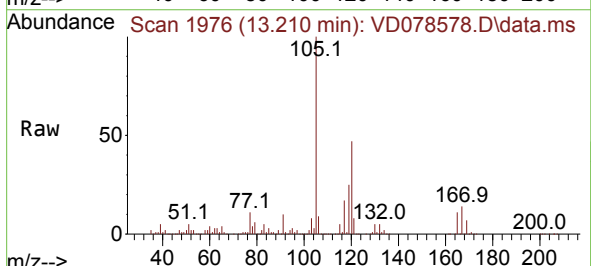
Acq: 01 Mar 2024 14:32

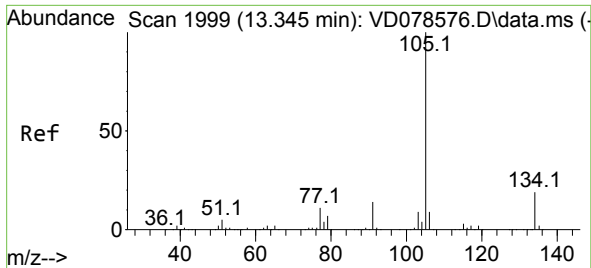
Tgt Ion:105 Resp: 1384912

Ion Ratio Lower Upper

105 100

120 47.2 24.3 72.9

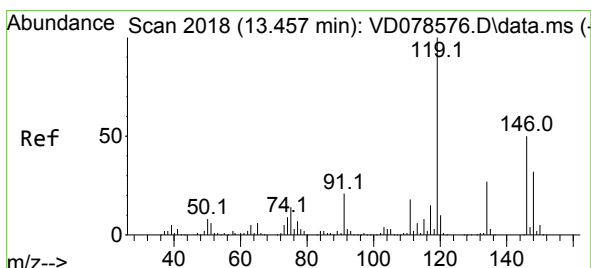
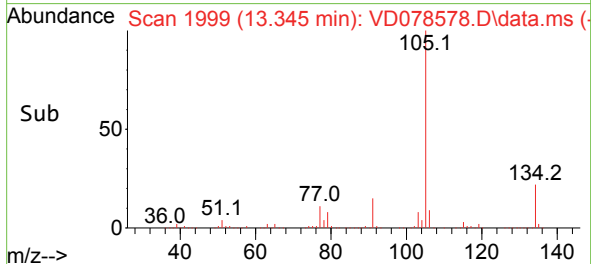
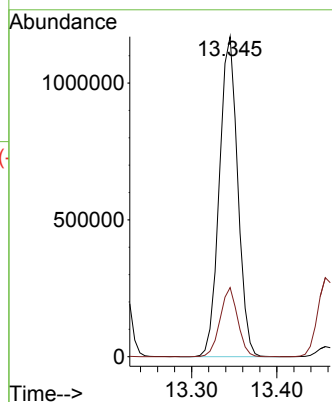
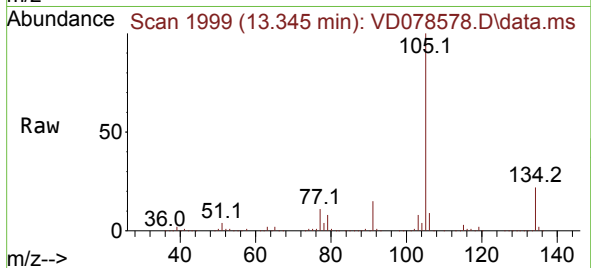




#85
 sec-Butylbenzene
 Concen: 166.160 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078578.D
 Acq: 01 Mar 2024 14:32

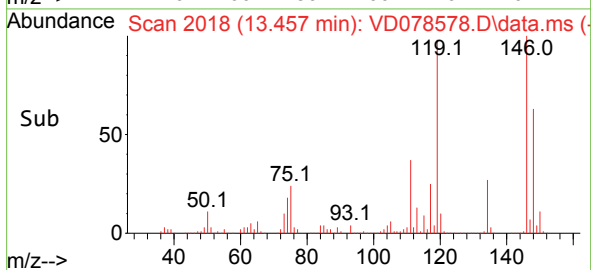
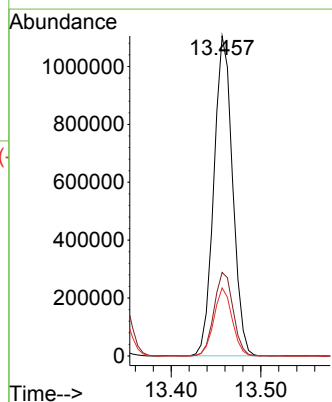
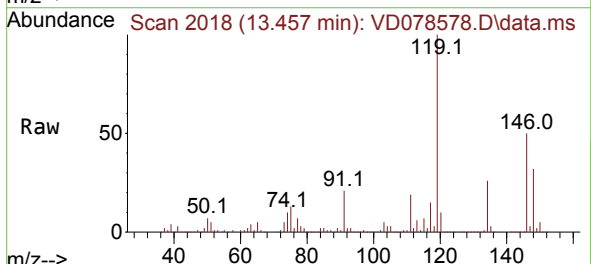
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

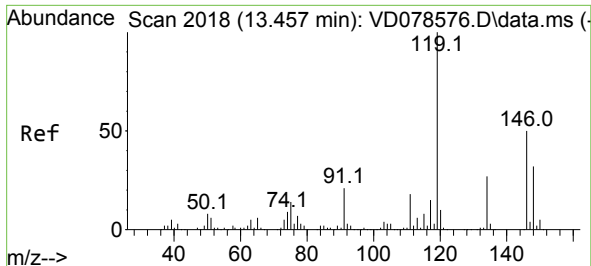
Tgt Ion:105 Resp: 1748118
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 180.889 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD078578.D
 Acq: 01 Mar 2024 14:32

Tgt Ion:119 Resp: 1602058
 Ion Ratio Lower Upper
 119 100
 134 26.7 14.2 42.6
 91 20.7 10.5 31.5

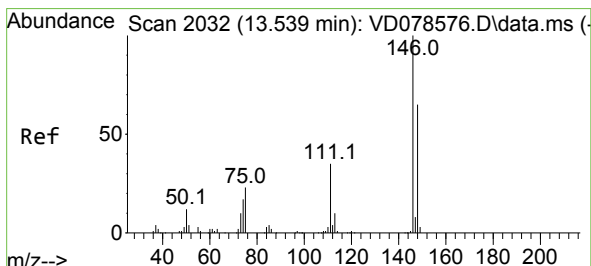
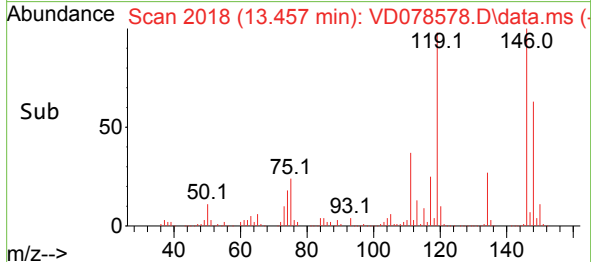
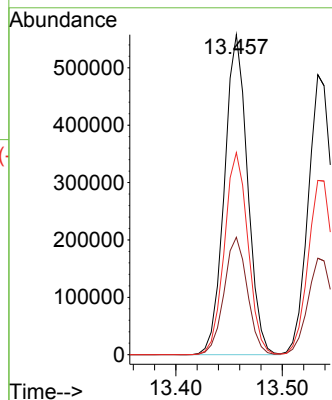
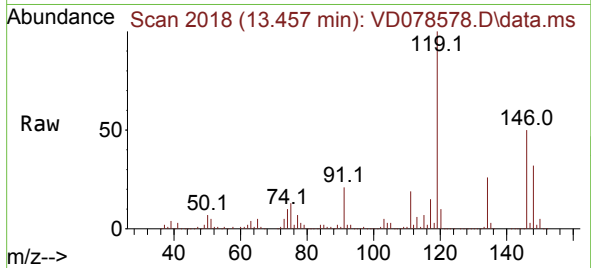




#87
1,3-Dichlorobenzene
Concen: 169.419 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

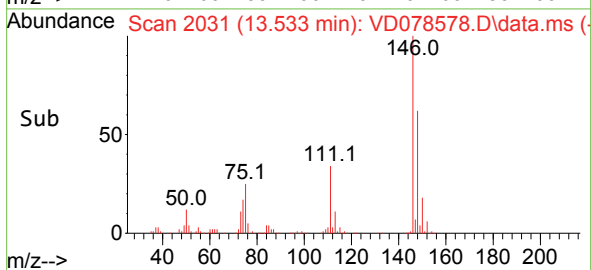
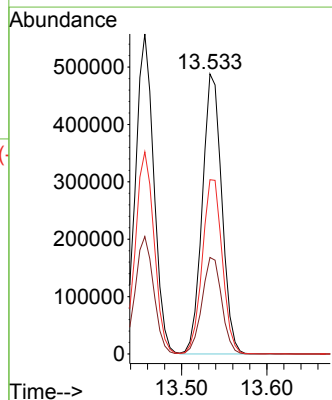
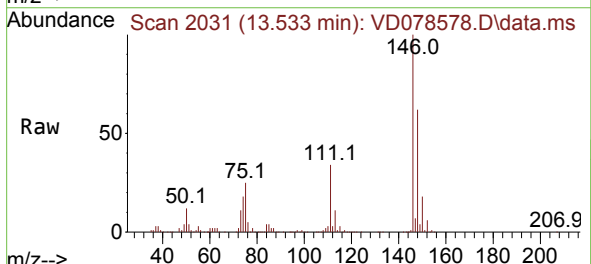
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

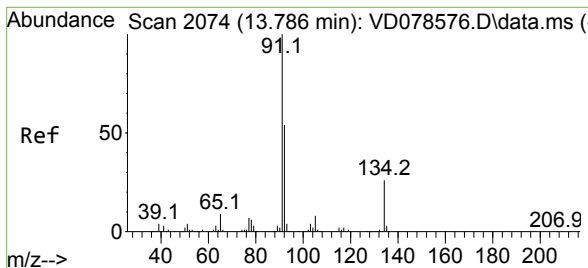
Tgt Ion:146 Resp: 842637
Ion Ratio Lower Upper
146 100
111 36.9 17.9 53.8
148 64.3 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 155.767 ug/l
RT: 13.533 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion:146 Resp: 776193
Ion Ratio Lower Upper
146 100
111 35.0 17.4 52.3
148 63.9 31.7 95.1





#89

n-Butylbenzene

Concen: 166.274 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

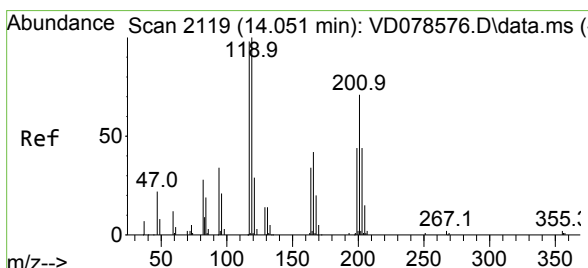
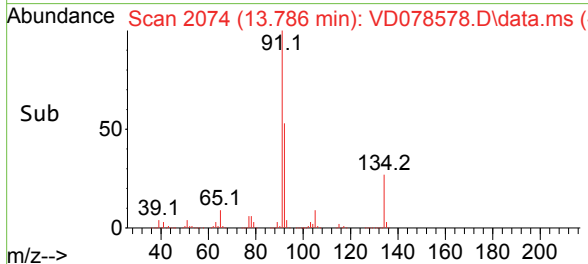
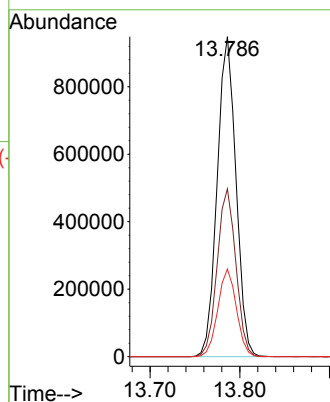
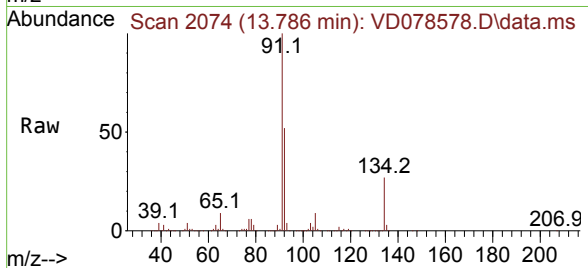
Tgt Ion: 91 Resp: 1376189

Ion Ratio Lower Upper

91 100

92 52.3 26.5 79.5

134 27.1 13.8 41.3



#90

Hexachloroethane

Concen: 151.842 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD078578.D

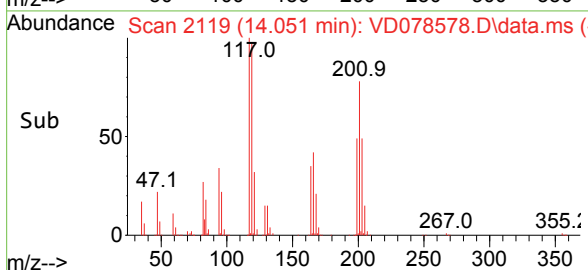
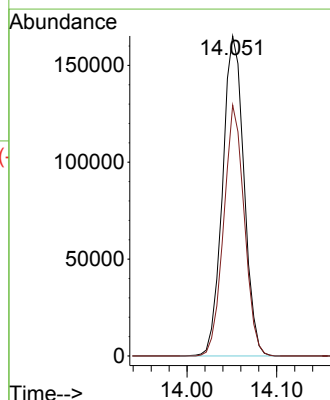
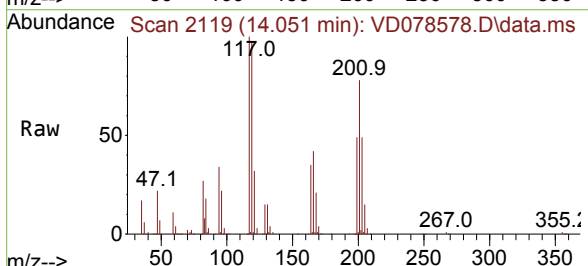
Acq: 01 Mar 2024 14:32

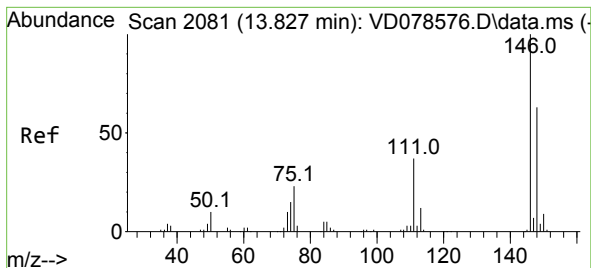
Tgt Ion: 117 Resp: 273440

Ion Ratio Lower Upper

117 100

201 75.3 38.5 115.5

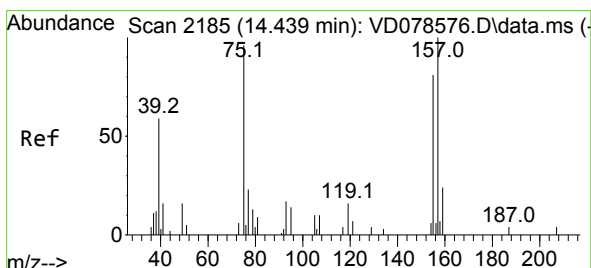
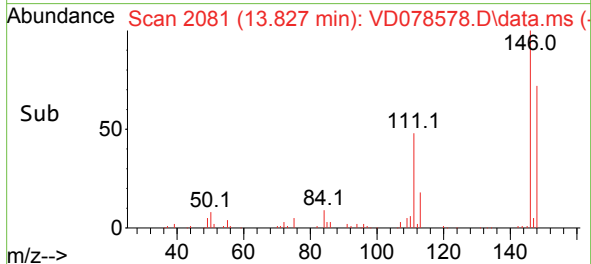
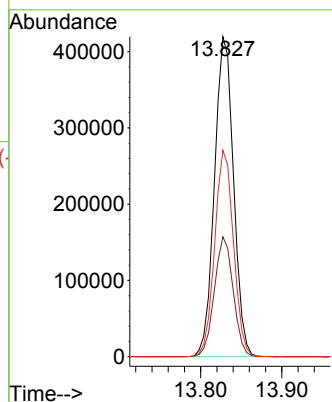
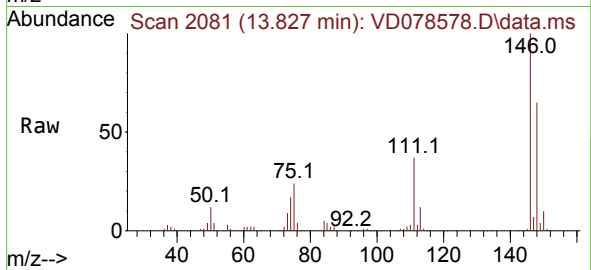




#91
1,2-Dichlorobenzene
Concen: 162.156 ug/l
RT: 13.827 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

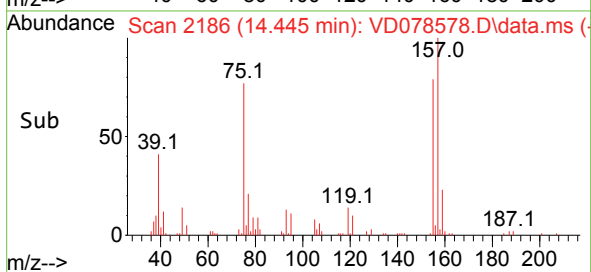
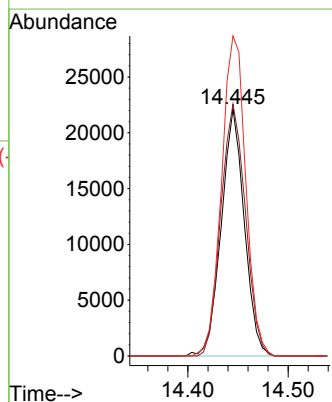
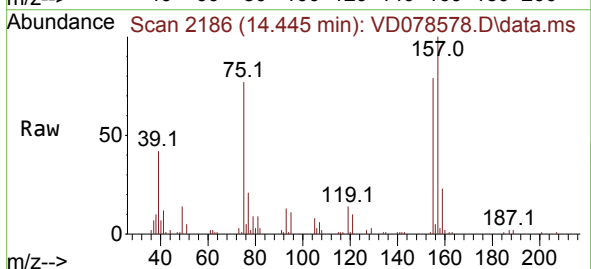
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

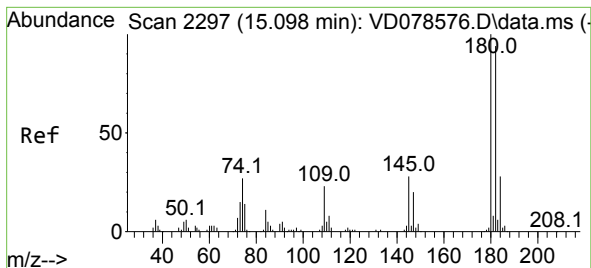
Tgt Ion:146 Resp: 685080
Ion Ratio Lower Upper
146 100
111 37.0 18.3 54.8
148 63.8 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 143.272 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion: 75 Resp: 35212
Ion Ratio Lower Upper
75 100
155 108.8 47.9 143.8
157 136.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 175.184 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

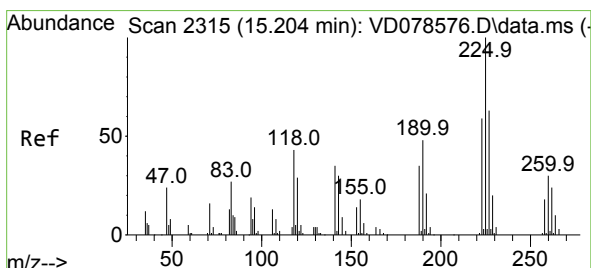
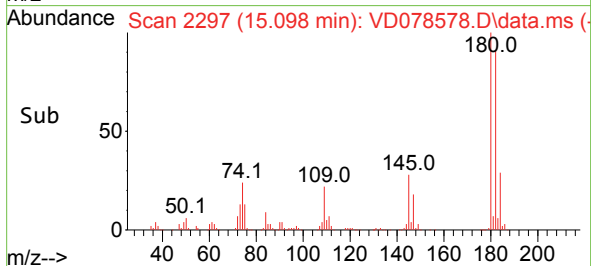
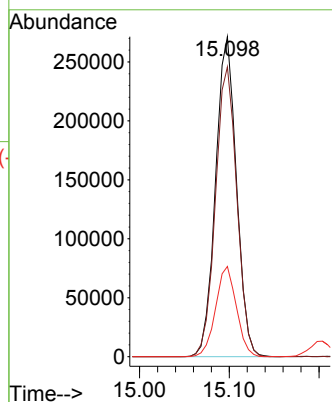
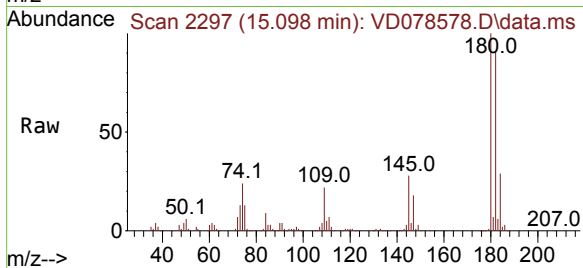
Tgt Ion:180 Resp: 438268

Ion Ratio Lower Upper

180 100

182 92.7 48.5 145.6

145 28.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 158.921 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078578.D

Acq: 01 Mar 2024 14:32

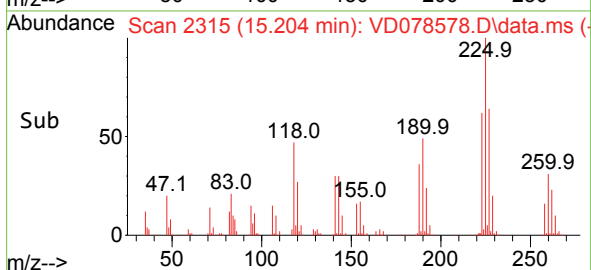
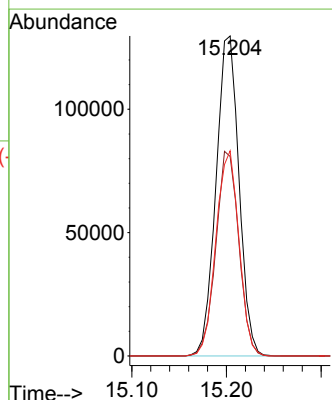
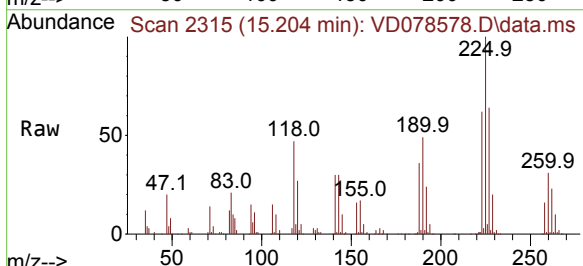
Tgt Ion:225 Resp: 218754

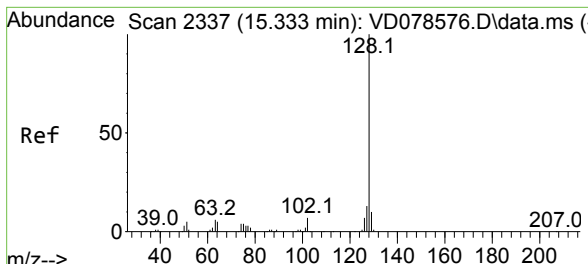
Ion Ratio Lower Upper

225 100

223 63.7 31.6 94.8

227 64.3 31.7 95.1

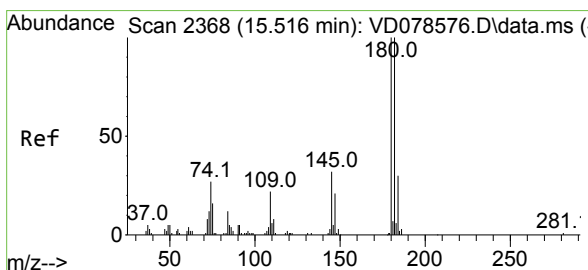
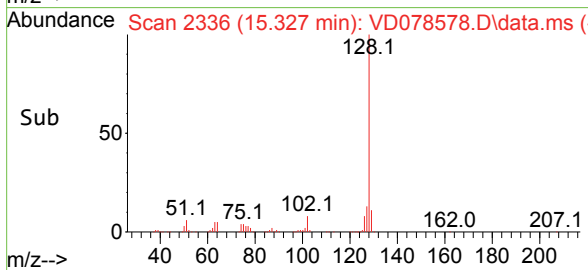
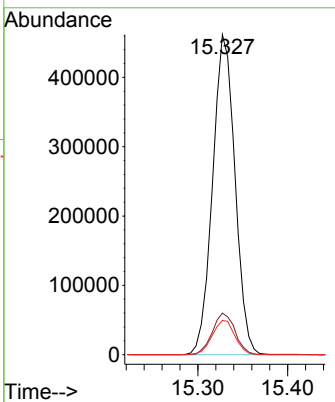
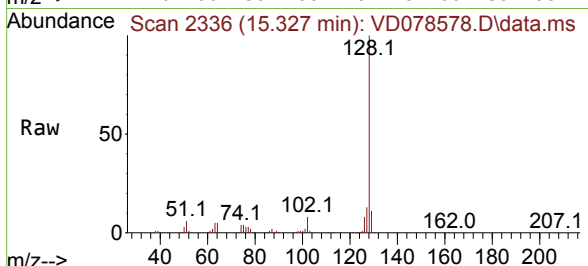




#95
Naphthalene
Concen: 180.814 ug/l
RT: 15.327 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:	128	Resp:	799326
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 168.918 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD078578.D
Acq: 01 Mar 2024 14:32

Tgt Ion:	180	Resp:	375303
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.3	141.9
145	30.2	15.1	45.3

