

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079311.D
 Acq On : 02 Jul 2024 08:49
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 03 01:18:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	169918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	295091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	266960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128777	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80775	48.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.980%
35) Dibromofluoromethane	7.804	113	88587	45.735	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.460%
50) Toluene-d8	10.269	98	305643	43.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.720%
62) 4-Bromofluorobenzene	12.569	95	109604	49.051	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	94531	49.222	ug/l	98
3) Chloromethane	2.146	50	140163	48.131	ug/l	98
4) Vinyl Chloride	2.281	62	182383	56.165	ug/l	97
5) Bromomethane	2.693	94	135281	53.173	ug/l	97
6) Chloroethane	2.840	64	112672	48.913	ug/l	99
7) Trichlorofluoromethane	3.175	101	188381	50.716	ug/l	95
8) Diethyl Ether	3.593	74	52149	47.732	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.969	101	117514	50.922	ug/l	96
10) Methyl Iodide	4.163	142	124563	54.058	ug/l	95
11) Tert butyl alcohol	5.057	59	28458	250.300	ug/l #	95
12) 1,1-Dichloroethene	3.934	96	112388	50.310	ug/l	90
13) Acrolein	3.799	56	44718	198.874	ug/l	99
14) Allyl chloride	4.557	41	143530	50.345	ug/l	87
15) Acrylonitrile	5.257	53	125092	251.203	ug/l	96
16) Acetone	4.016	43	121487	301.245	ug/l	99
17) Carbon Disulfide	4.269	76	388454	49.499	ug/l	100
18) Methyl Acetate	4.563	43	54851	46.817	ug/l	88
19) Methyl tert-butyl Ether	5.316	73	234137	51.155	ug/l	99
20) Methylene Chloride	4.805	84	130890	46.796	ug/l	91
21) trans-1,2-Dichloroethene	5.310	96	125501	49.995	ug/l #	86
22) Diisopropyl ether	6.216	45	320701	51.701	ug/l #	93
23) Vinyl Acetate	6.152	43	1275354	271.581	ug/l	93
24) 1,1-Dichloroethane	6.110	63	216084	49.687	ug/l	95
25) 2-Butanone	7.081	43	157244	279.878	ug/l	95
26) 2,2-Dichloropropane	7.075	77	179946	52.411	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	137871	50.134	ug/l	87
28) Bromochloromethane	7.422	49	88049	48.558	ug/l #	71
29) Tetrahydrofuran	7.446	42	90257	258.601	ug/l	86
30) Chloroform	7.593	83	227619	50.737	ug/l	94
31) Cyclohexane	7.875	56	179293	49.638	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	191585	52.030	ug/l	97
36) 1,1-Dichloropropene	8.004	75	169823	56.431	ug/l	94
37) Ethyl Acetate	7.163	43	67161	58.629	ug/l	96
38) Carbon Tetrachloride	7.993	117	170308	55.728	ug/l	96
39) Methylcyclohexane	9.275	83	194949	55.062	ug/l	91
40) Benzene	8.251	78	503695	53.648	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	35085	55.721	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	121517	53.815	ug/l	95
43) Isopropyl Acetate	8.357	43	119169	53.904	ug/l #	95
44) Trichloroethene	9.028	130	116019	54.097	ug/l	90
45) 1,2-Dichloropropane	9.304	63	123812	54.160	ug/l	93
46) Dibromomethane	9.393	93	69564	53.653	ug/l	89
47) Bromodichloromethane	9.581	83	172053	54.227	ug/l	99
48) Methyl methacrylate	9.381	41	58004	58.148	ug/l	86
49) 1,4-Dioxane	9.381	88	14184	1067.582	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	335446	291.571	ug/l	97
52) Toluene	10.334	92	315812	55.252	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	155754	54.358	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	186619	54.281	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	88989	53.214	ug/l	93
56) Ethyl methacrylate	10.598	69	112860	50.239	ug/l	92
57) 1,3-Dichloropropane	10.875	76	152011	53.167	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	263347	256.762	ug/l #	87
59) 2-Hexanone	10.922	43	252262	308.764	ug/l	99
60) Dibromochloromethane	11.075	129	114859	54.412	ug/l	100
61) 1,2-Dibromoethane	11.181	107	83207	54.272	ug/l	95
64) Tetrachloroethene	10.810	164	96659	58.112	ug/l	93
65) Chlorobenzene	11.604	112	329550	55.500	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	108823	53.844	ug/l	97
67) Ethyl Benzene	11.681	91	593626	57.292	ug/l	98
68) m/p-Xylenes	11.792	106	463316	115.928	ug/l	87
69) o-Xylene	12.116	106	209773	58.429	ug/l	87
70) Styrene	12.134	104	375229	58.604	ug/l	95
71) Bromoform	12.298	173	61862	56.440	ug/l #	97
73) Isopropylbenzene	12.422	105	542836	56.705	ug/l	97
74) N-amyl acetate	12.234	43	119641	56.940	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	107517	53.877	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	132001	102.426	ug/l #	100
77) Bromobenzene	12.698	156	115174	53.483	ug/l	77
78) n-propylbenzene	12.763	91	690737	56.361	ug/l	94
79) 2-Chlorotoluene	12.845	91	381298	55.651	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	458270	56.541	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	37270	53.664	ug/l	98
82) 4-Chlorotoluene	12.945	91	399803	55.538	ug/l	93
83) tert-Butylbenzene	13.163	119	369160	56.226	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	462504	57.011	ug/l	94
85) sec-Butylbenzene	13.339	105	584767	55.976	ug/l	96
86) p-Isopropyltoluene	13.457	119	483448	56.068	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	248221	54.207	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	238866	52.487	ug/l	96
89) n-Butylbenzene	13.786	91	474813	56.117	ug/l	97
90) Hexachloroethane	14.051	117	97741	51.536	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	212812	54.004	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14813	54.144	ug/l	82
93) 1,2,4-Trichlorobenzene	15.092	180	113184	53.867	ug/l	97
94) Hexachlorobutadiene	15.198	225	65650	56.188	ug/l	94
95) Naphthalene	15.328	128	236142	57.577	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	101903	54.848	ug/l	97

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Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration

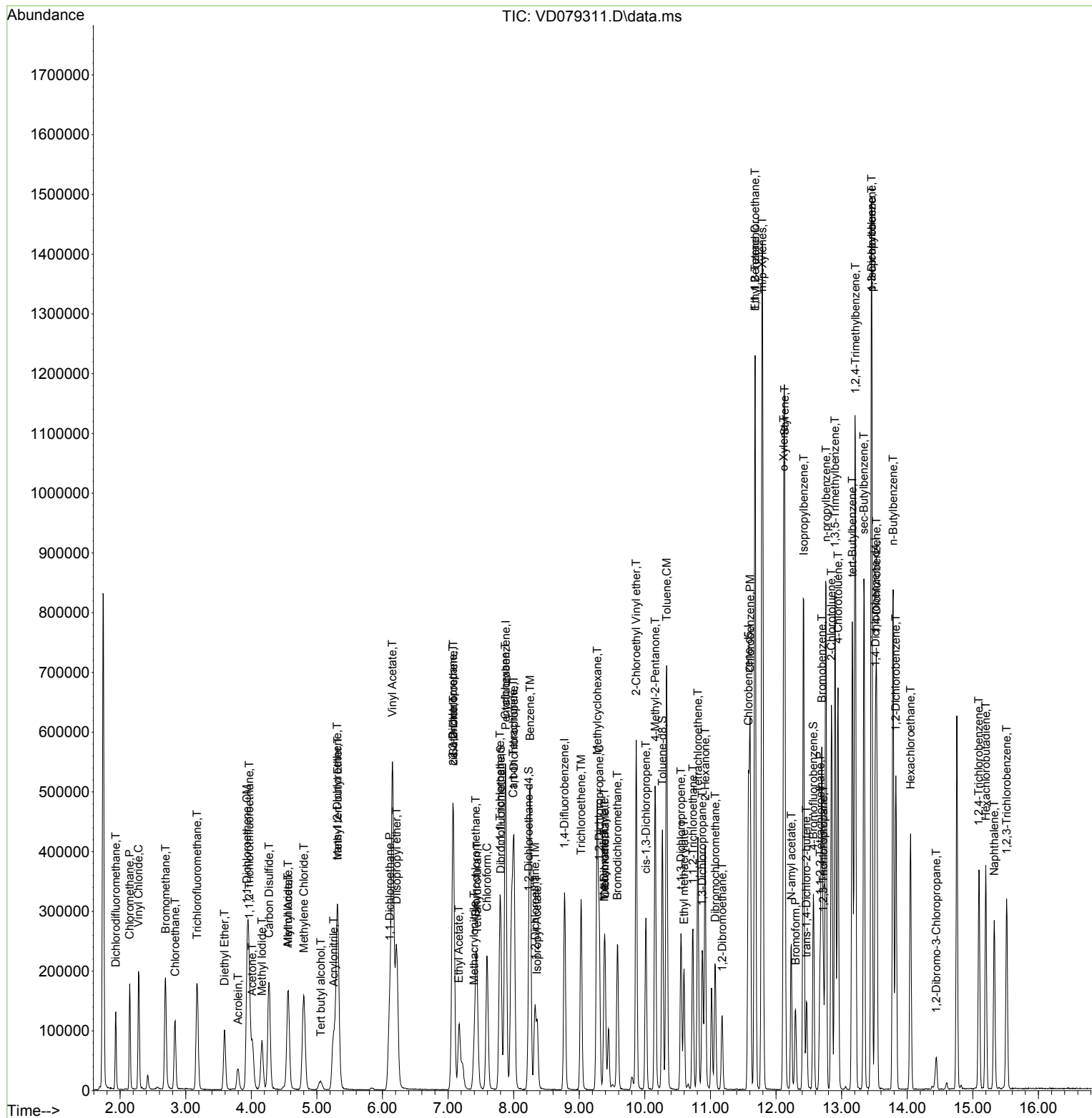
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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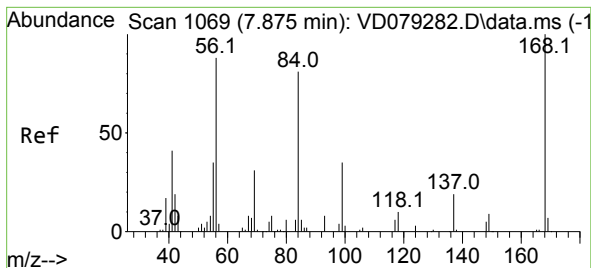
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Instrument :

MSVOA_D

ClientSampleId :

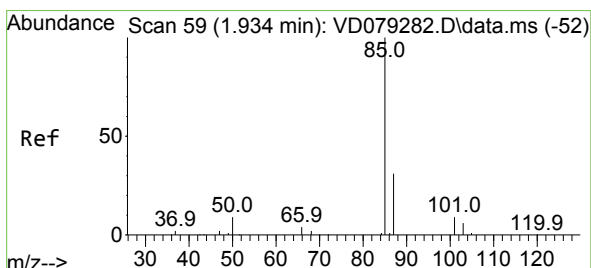
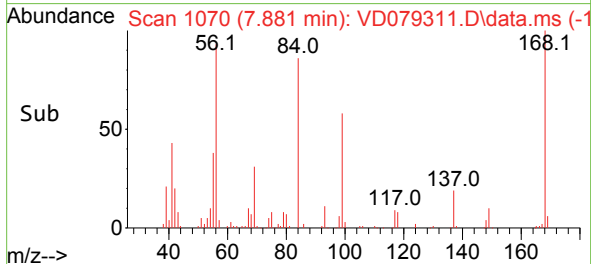
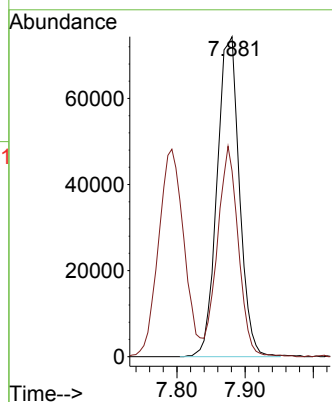
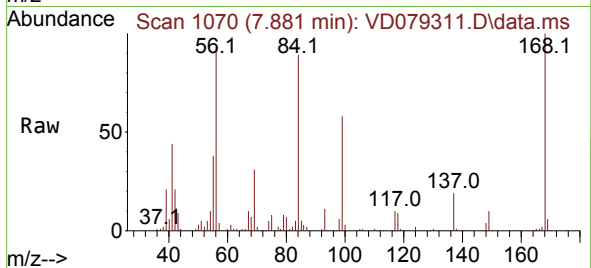
VSTDCCC050

Tgt Ion:168 Resp: 169918

Ion Ratio Lower Upper

168 100

99 57.6 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 49.222 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD079311.D

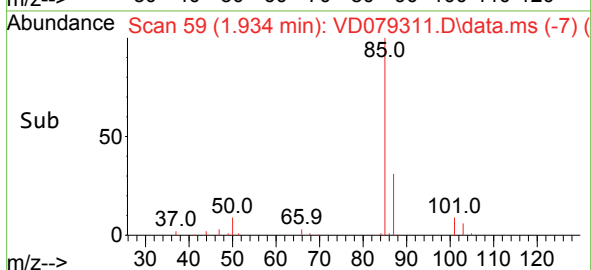
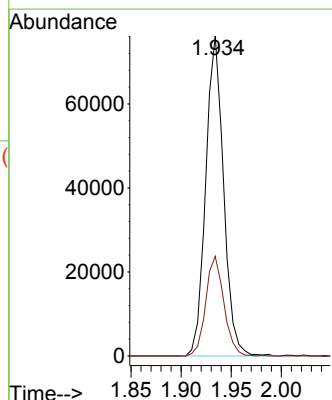
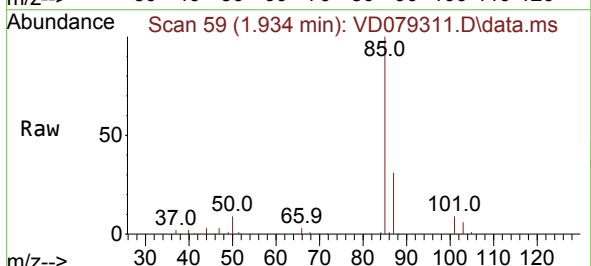
Acq: 02 Jul 2024 08:49

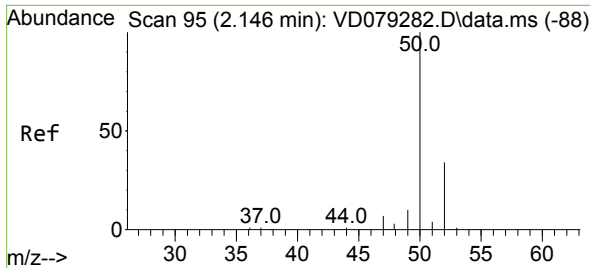
Tgt Ion: 85 Resp: 94531

Ion Ratio Lower Upper

85 100

87 31.2 16.0 48.0

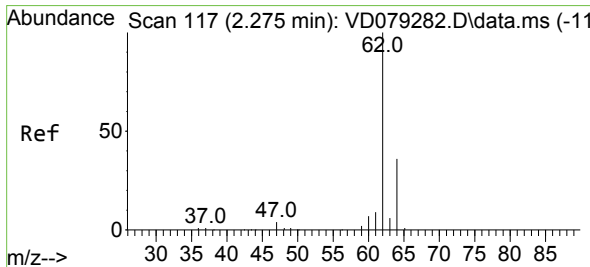
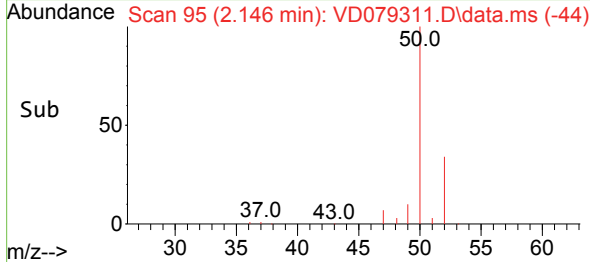
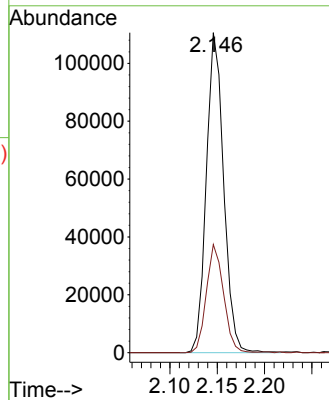
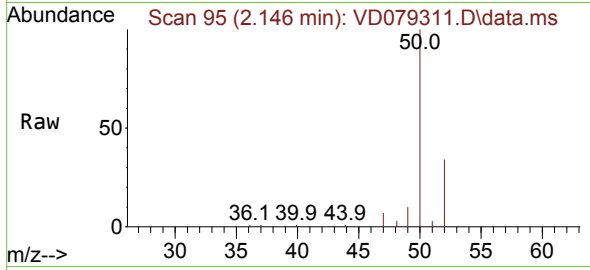




#3
Chloromethane
Concen: 48.131 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

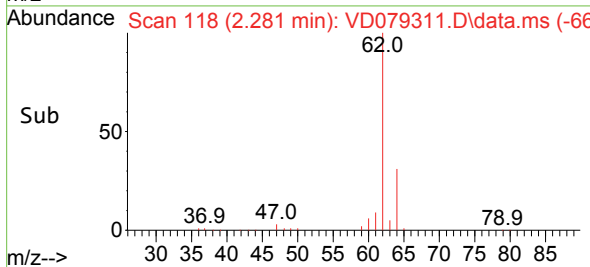
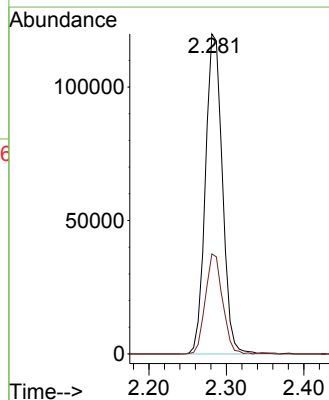
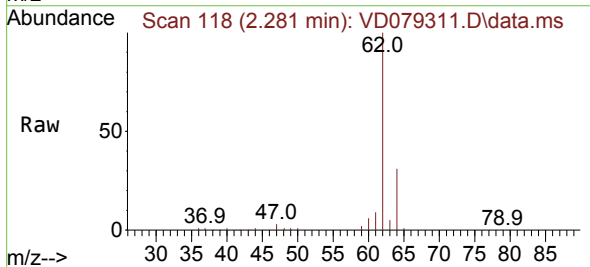
Instrument :
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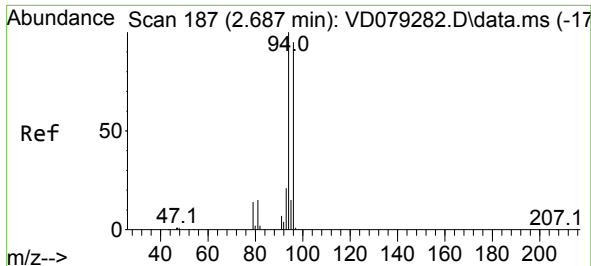
Tgt Ion: 50 Resp: 140163
Ion Ratio Lower Upper
50 100
52 33.8 28.2 42.2



#4
Vinyl Chloride
Concen: 56.165 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 62 Resp: 182383
Ion Ratio Lower Upper
62 100
64 31.3 26.3 39.5

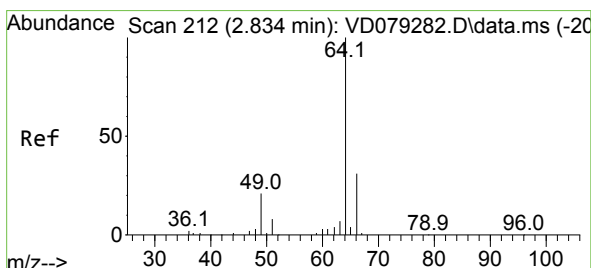
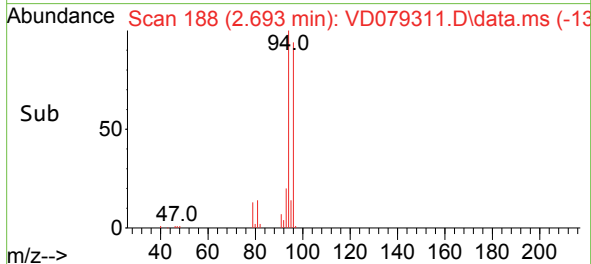
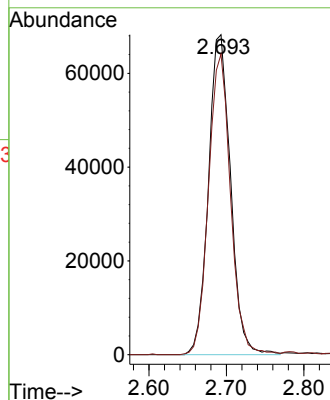
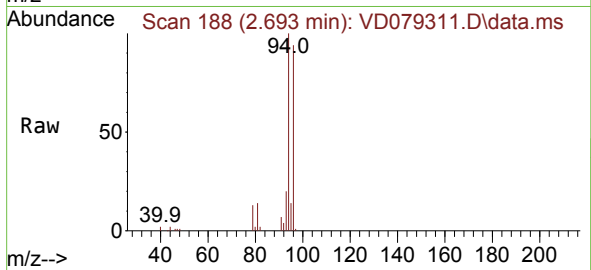




#5
Bromomethane
Concen: 53.173 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.035 min
Lab File: VD079311.D
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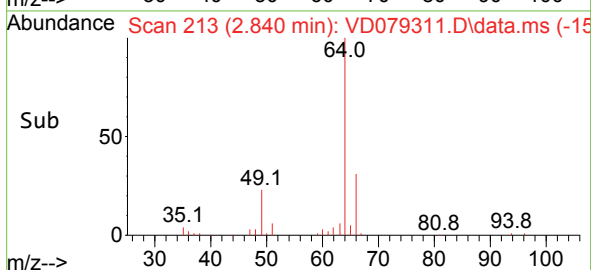
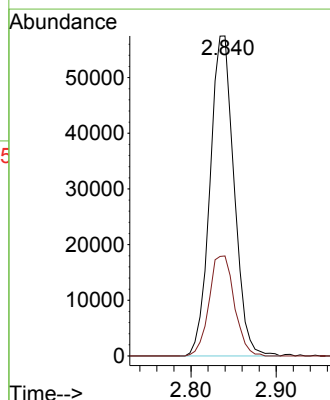
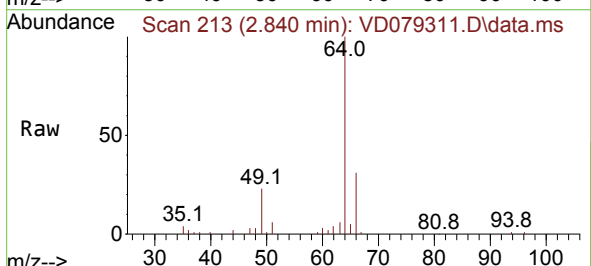
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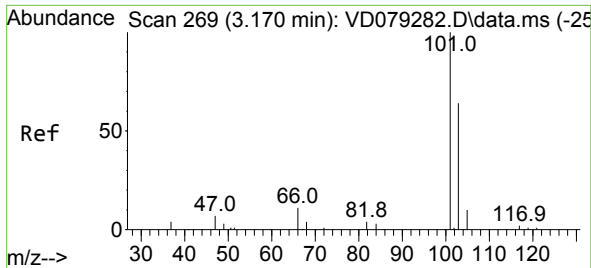
Tgt Ion: 94 Resp: 135281
Ion Ratio Lower Upper
94 100
96 93.6 76.9 115.3



#6
Chloroethane
Concen: 48.913 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.017 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 64 Resp: 112672
Ion Ratio Lower Upper
64 100
66 31.3 24.5 36.7

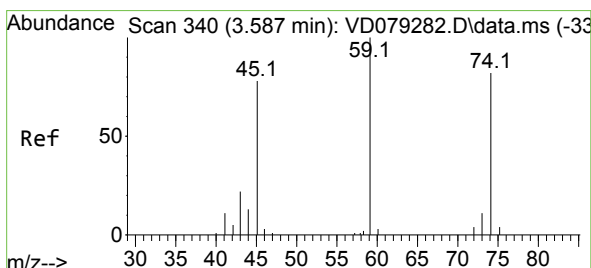
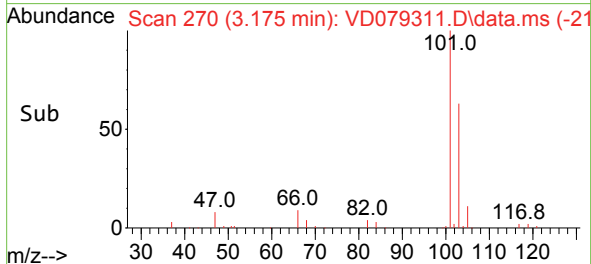
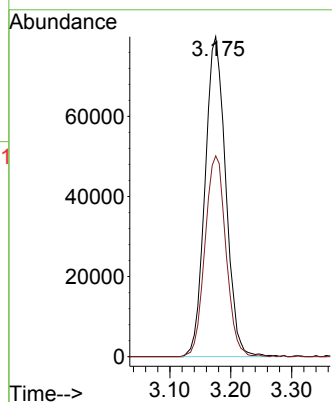
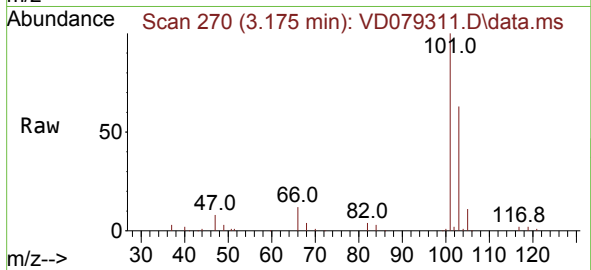




#7
Trichlorofluoromethane
Concen: 50.716 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

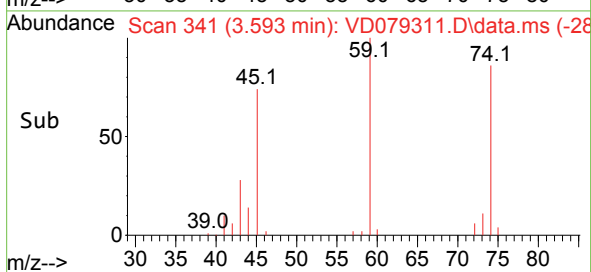
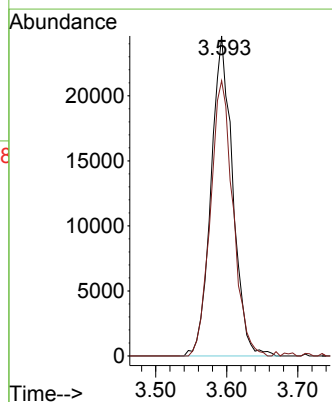
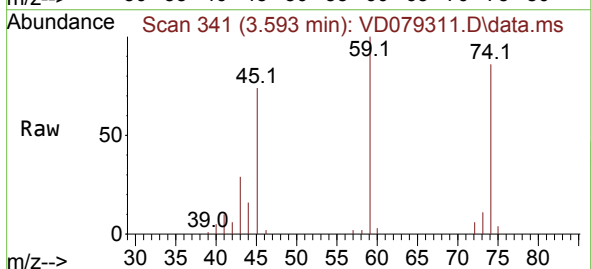
Instrument :
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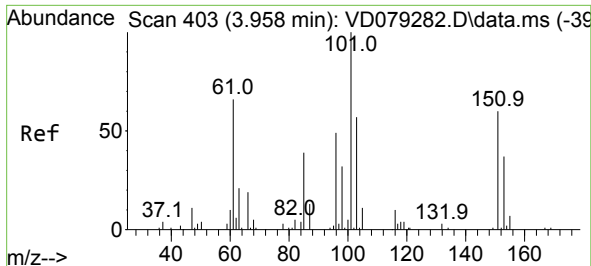
Tgt Ion:101 Resp: 188381
Ion Ratio Lower Upper
101 100
103 62.7 53.2 79.8



#8
Diethyl Ether
Concen: 47.732 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 74 Resp: 52149
Ion Ratio Lower Upper
74 100
45 89.6 37.9 113.6

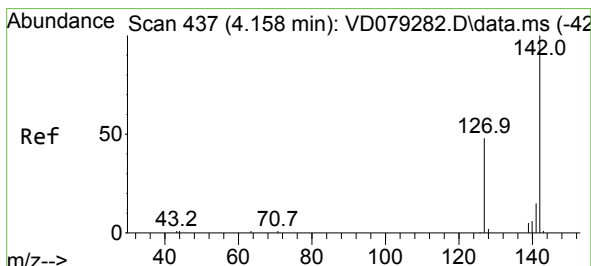
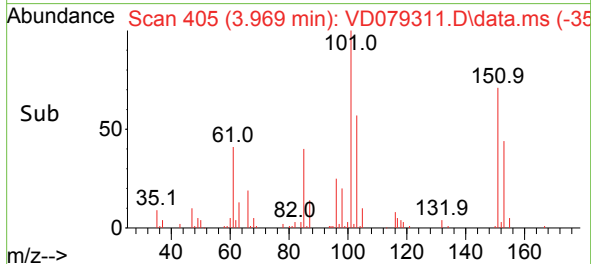
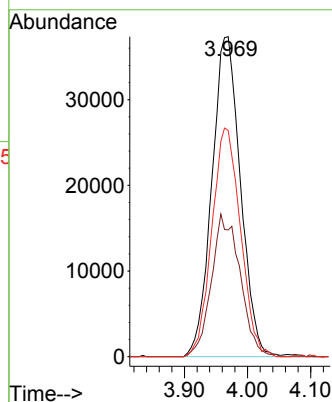
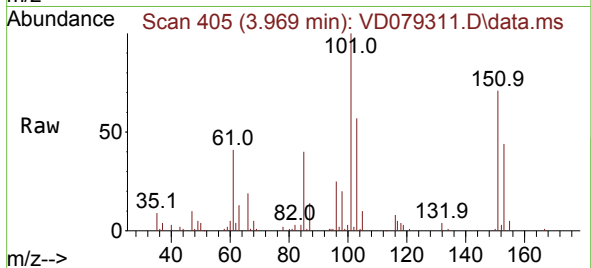




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.922 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.012 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

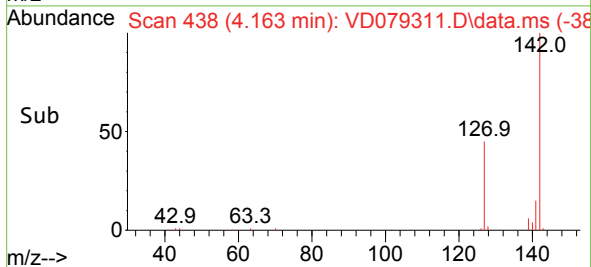
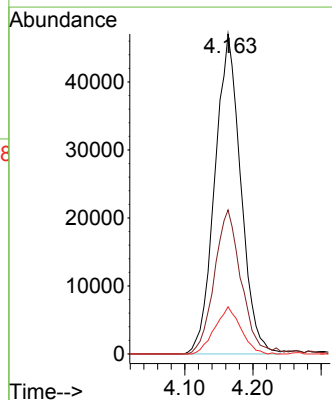
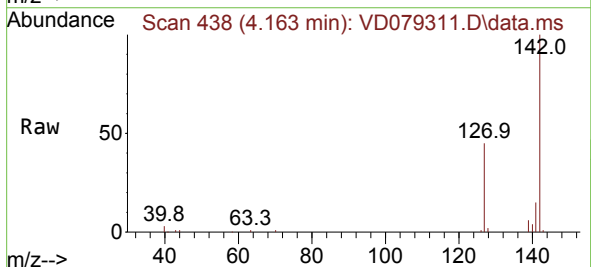
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

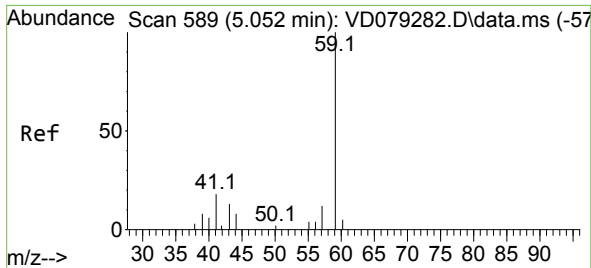
Tgt Ion:101 Resp: 117514
Ion Ratio Lower Upper
101 100
85 44.6 33.5 50.3
151 71.6 60.3 90.5



#10
Methyl Iodide
Concen: 54.058 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion:142 Resp: 124563
Ion Ratio Lower Upper
142 100
127 46.7 34.2 51.4
141 14.7 11.7 17.5

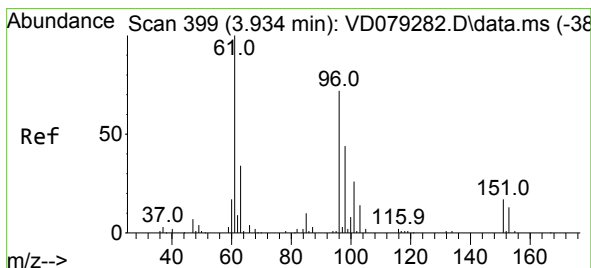
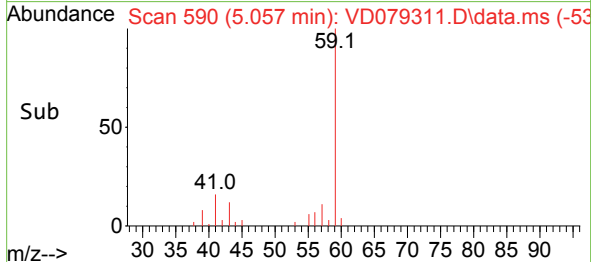
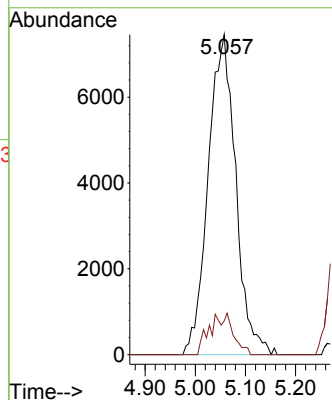
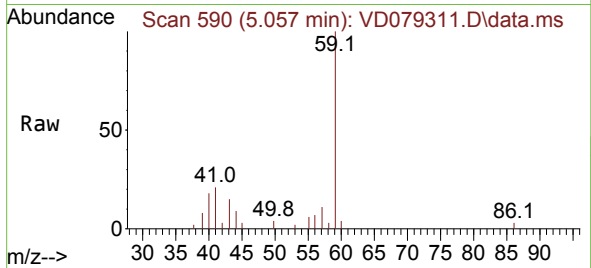




#11
Tert butyl alcohol
Concen: 250.300 ug/l
RT: 5.057 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

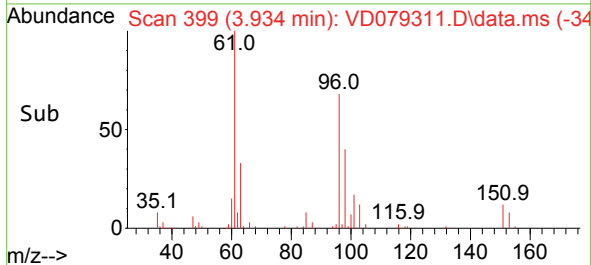
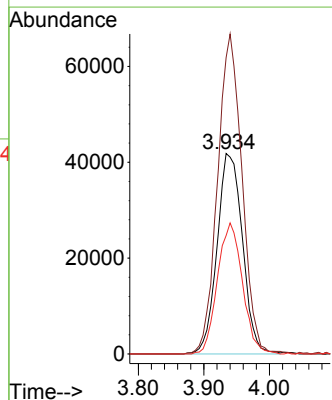
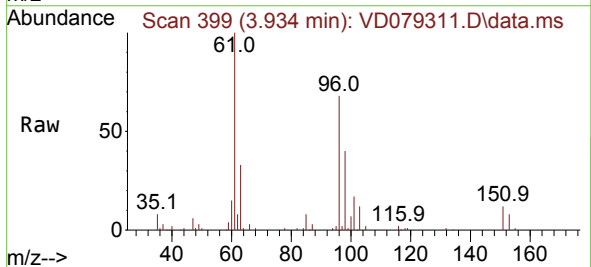
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

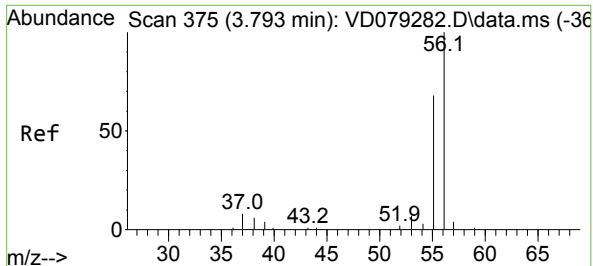
Tgt Ion: 59 Resp: 28458
Ion Ratio Lower Upper
59 100
57 6.0 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 50.310 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 96 Resp: 112388
Ion Ratio Lower Upper
96 100
61 147.8 107.3 160.9
98 59.0 51.7 77.5

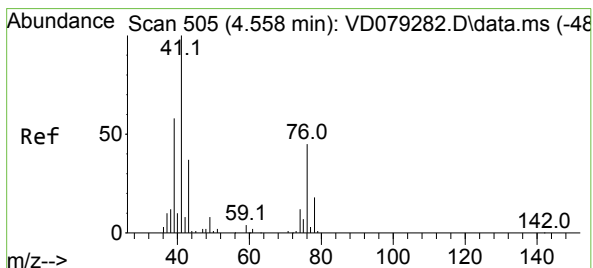
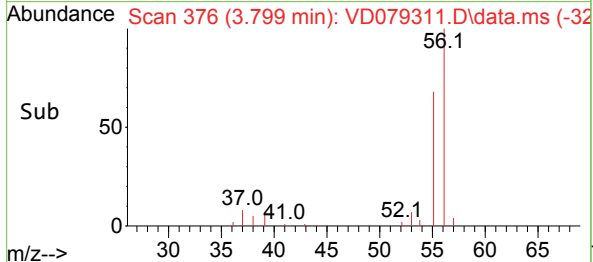
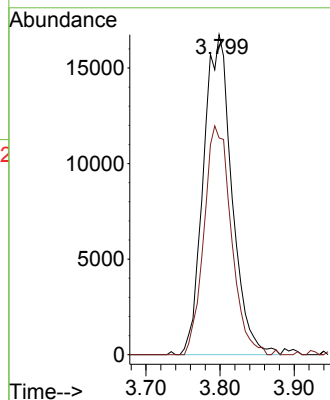
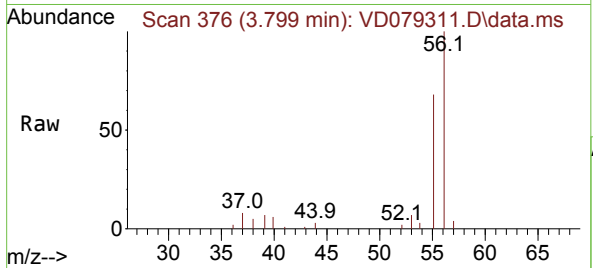




#13
Acrolein
Concen: 198.874 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

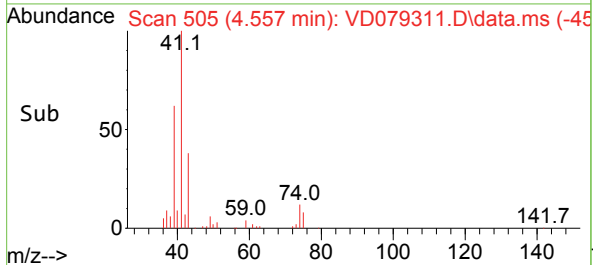
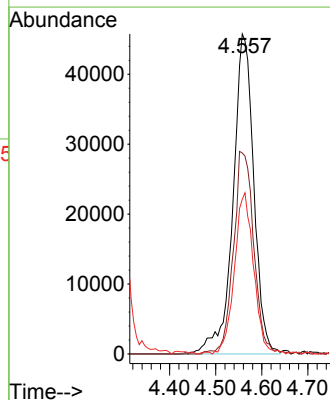
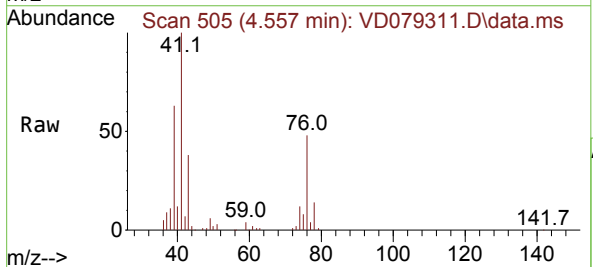
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

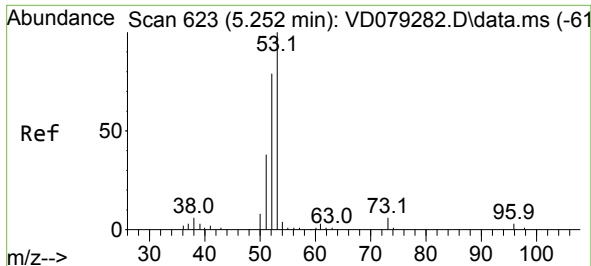
Tgt Ion: 56 Resp: 44718
Ion Ratio Lower Upper
56 100
55 68.6 55.3 82.9



#14
Allyl chloride
Concen: 50.345 ug/l
RT: 4.557 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 41 Resp: 143530
Ion Ratio Lower Upper
41 100
39 62.0 58.0 87.0
76 46.5 45.9 68.9

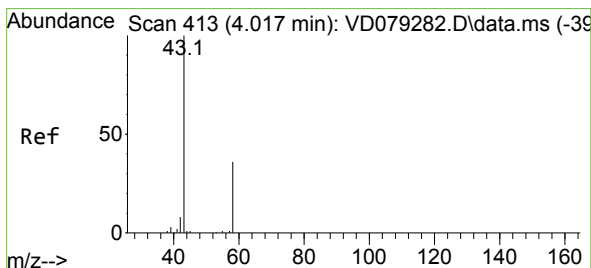
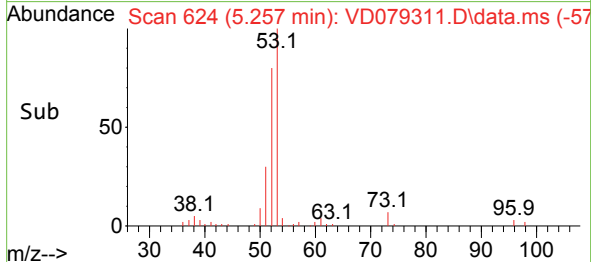
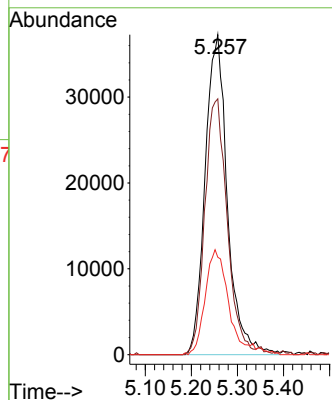
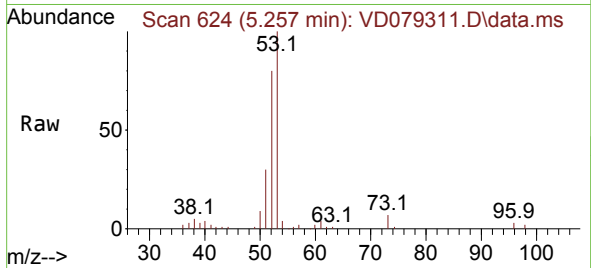




#15
Acrylonitrile
Concen: 251.203 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

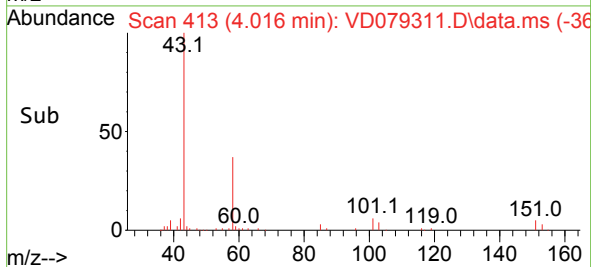
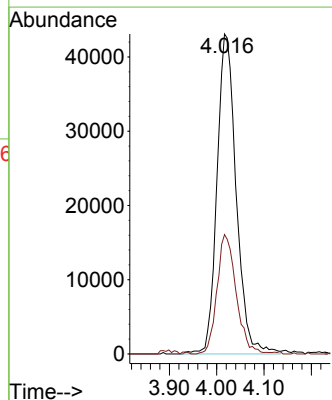
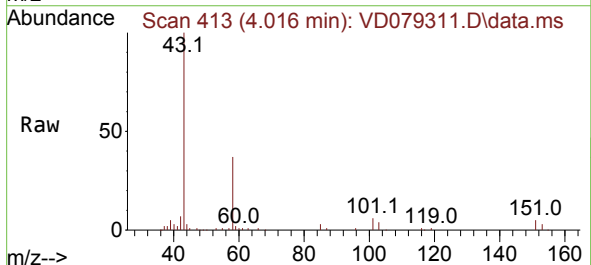
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

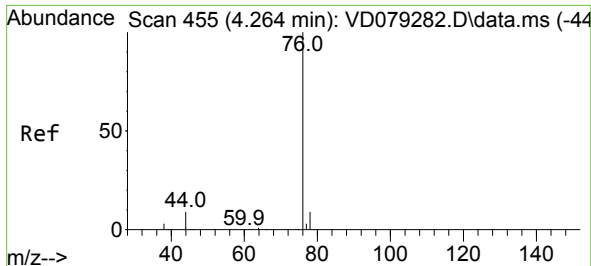
Tgt Ion: 53 Resp: 125092
Ion Ratio Lower Upper
53 100
52 80.2 67.7 101.5
51 35.3 28.6 42.8



#16
Acetone
Concen: 301.245 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 43 Resp: 121487
Ion Ratio Lower Upper
43 100
58 37.3 30.4 45.6

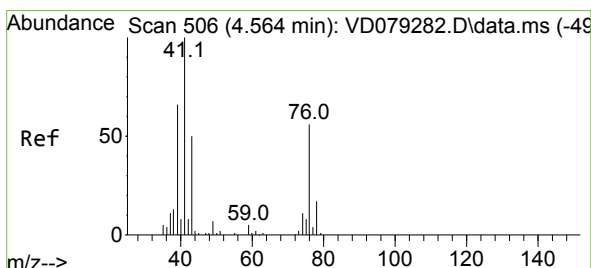
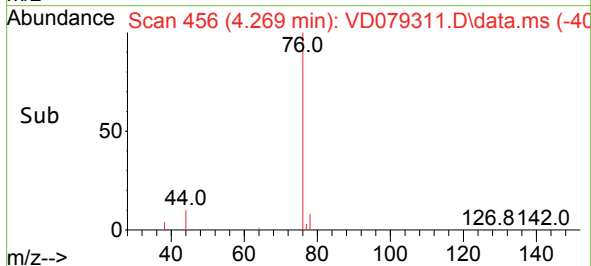
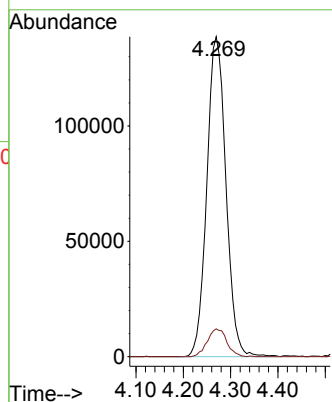
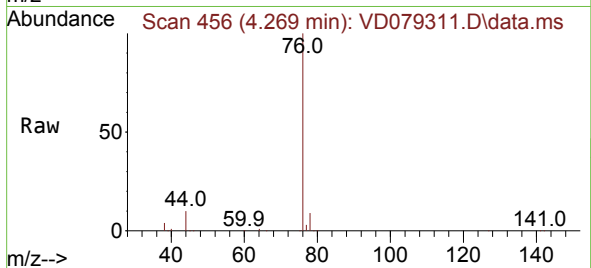




#17
Carbon Disulfide
Concen: 49.499 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

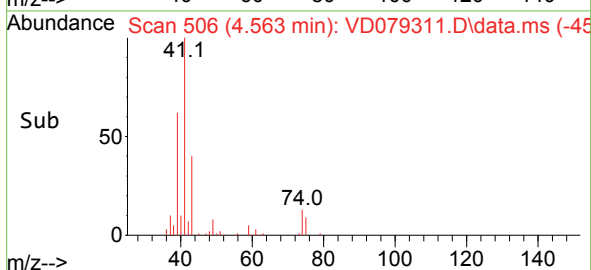
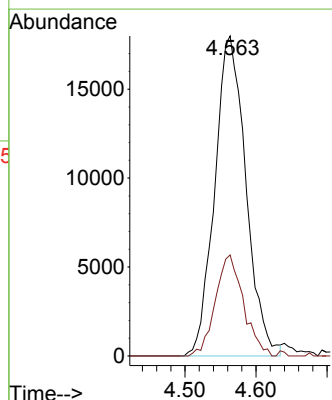
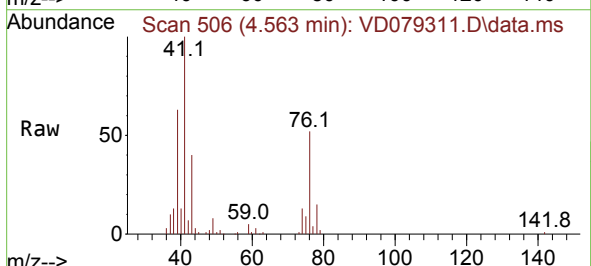
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

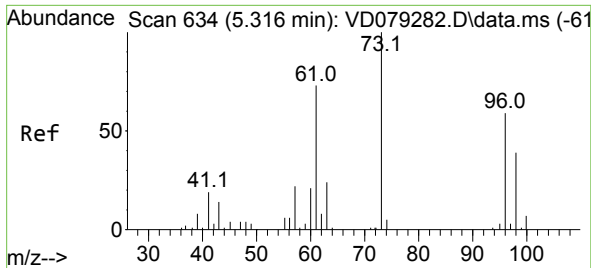
Tgt Ion: 76 Resp: 388454
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 46.817 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 43 Resp: 54851
Ion Ratio Lower Upper
43 100
74 28.4 28.1 42.1

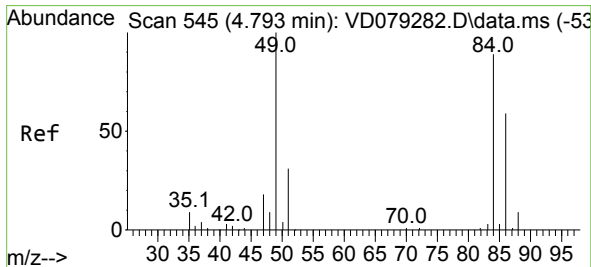
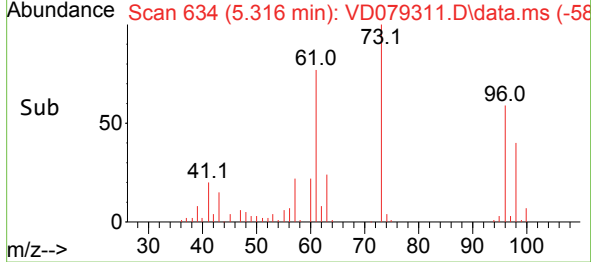
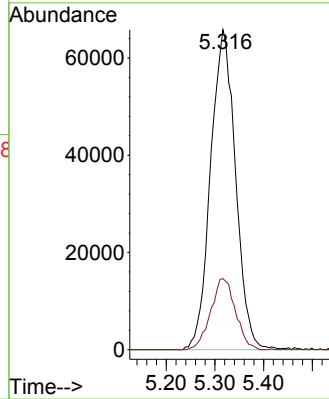
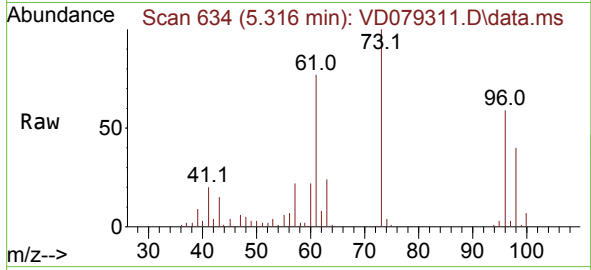




#19
Methyl tert-butyl Ether
Concen: 51.155 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

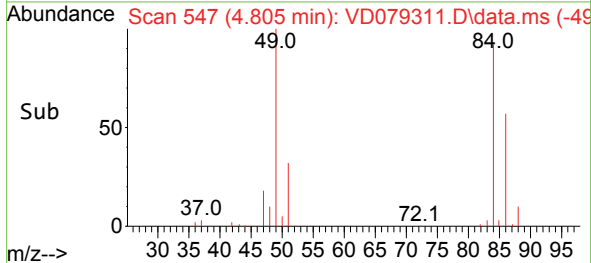
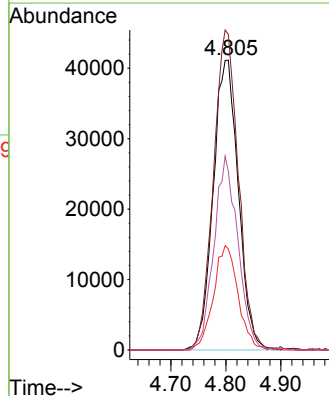
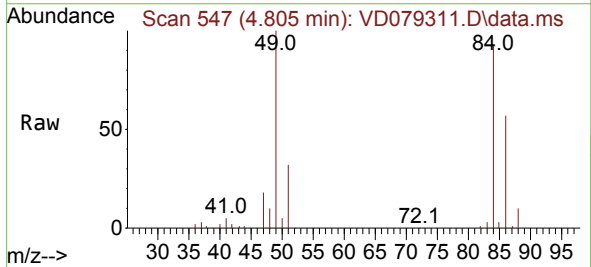
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

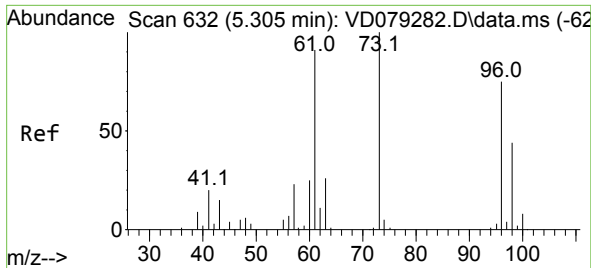
Tgt Ion: 73 Resp: 234137
Ion Ratio Lower Upper
73 100
57 22.2 18.3 27.5



#20
Methylene Chloride
Concen: 46.796 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.012 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 84 Resp: 130890
Ion Ratio Lower Upper
84 100
49 108.8 75.6 113.4
51 34.8 24.2 36.2
86 61.5 49.2 73.8

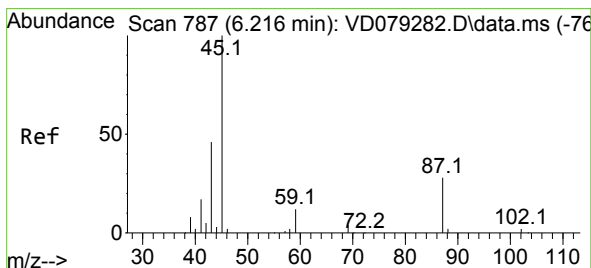
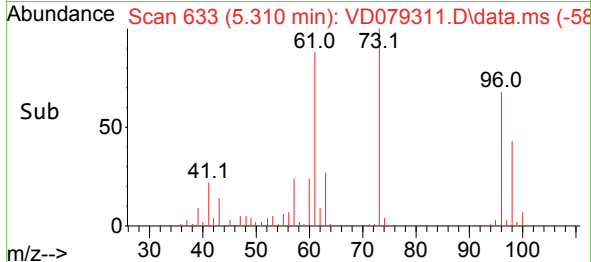
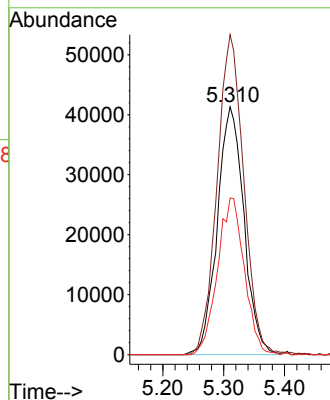
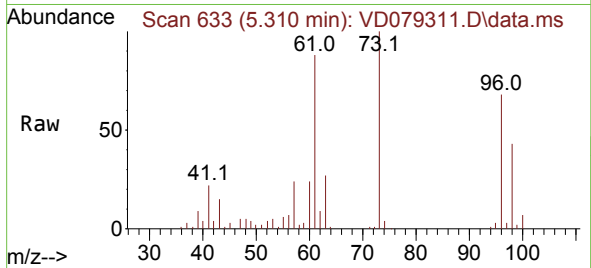




#21
trans-1,2-Dichloroethene
Concen: 49.995 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

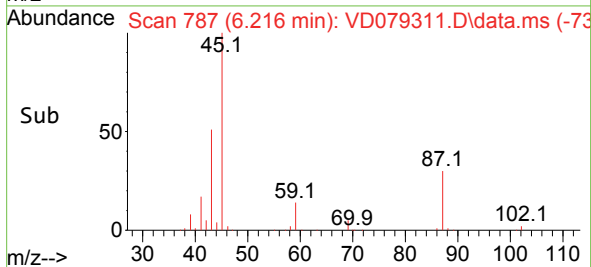
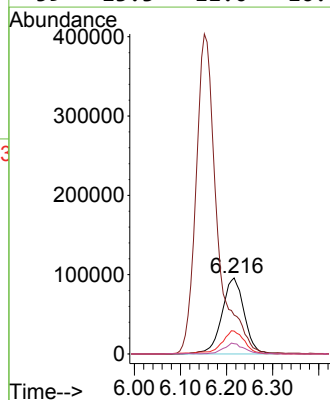
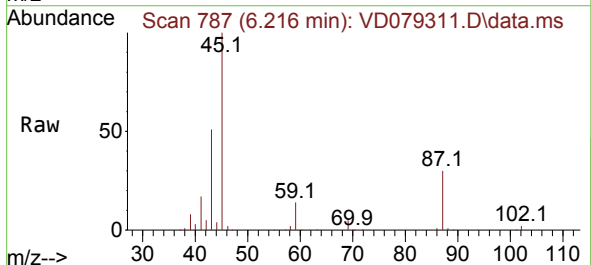
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

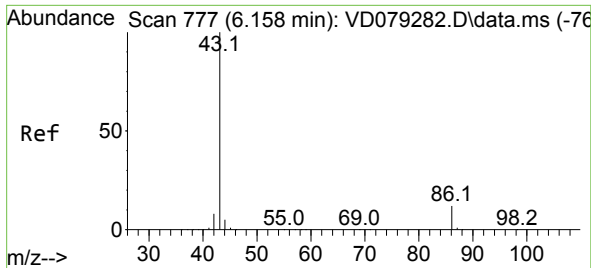
Tgt Ion: 96 Resp: 125501
Ion Ratio Lower Upper
96 100
61 129.1 84.5 126.7#
98 63.2 50.5 75.7



#22
Diisopropyl ether
Concen: 51.701 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 45 Resp: 320701
Ion Ratio Lower Upper
45 100
43 49.6 41.7 62.5
87 29.9 30.2 45.2#
59 13.3 11.0 16.6

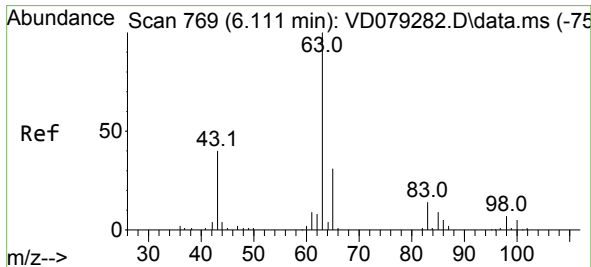
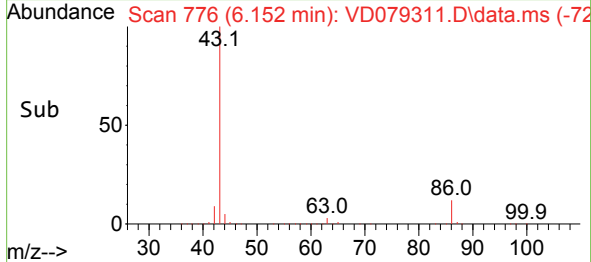
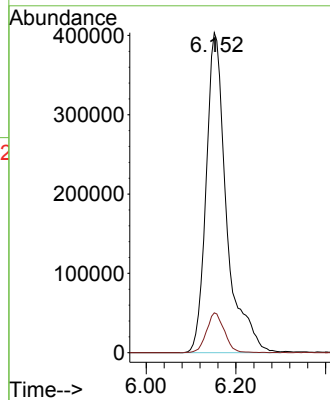
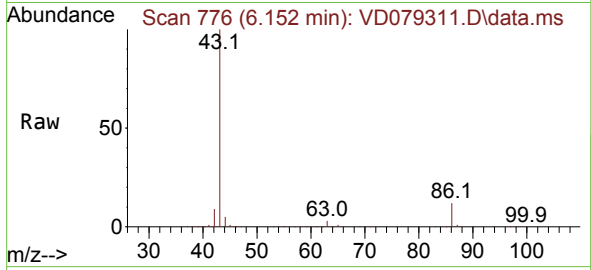




#23
 Vinyl Acetate
 Concen: 271.581 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD079311.D
 Acq: 02 Jul 2024 08:49

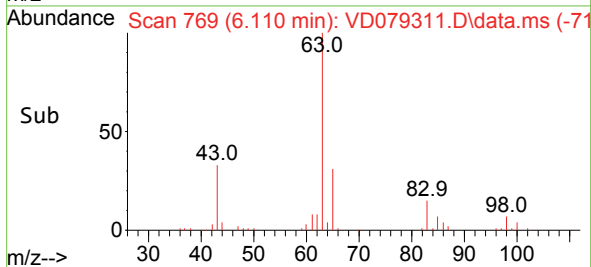
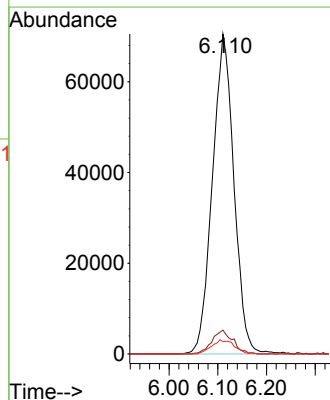
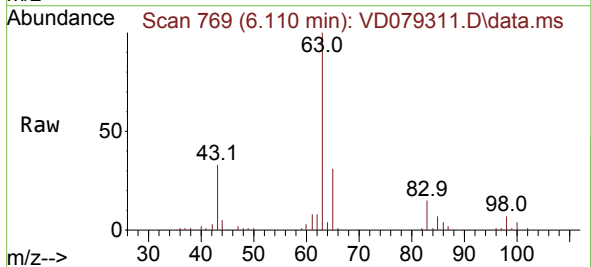
Instrument :
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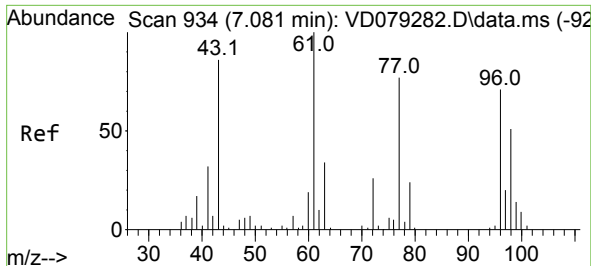
Tgt Ion: 43 Resp: 1275354
 Ion Ratio Lower Upper
 43 100
 86 12.5 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 49.687 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079311.D
 Acq: 02 Jul 2024 08:49

Tgt Ion: 63 Resp: 216084
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.7 14.0
 100 3.9 2.9 8.6

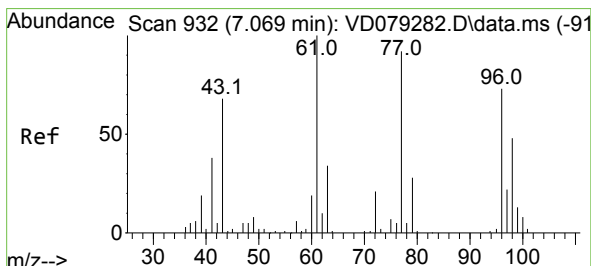
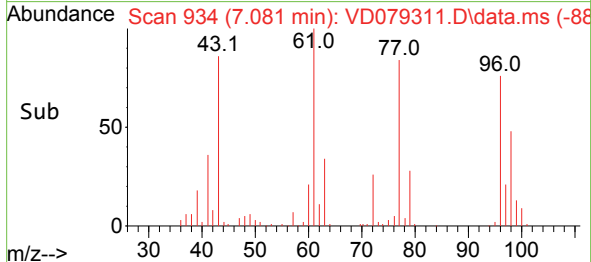
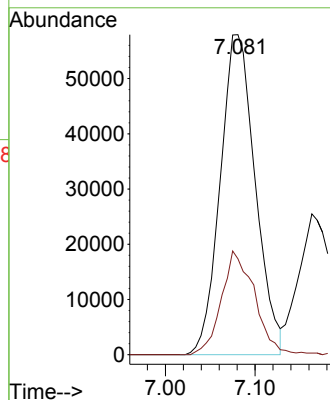
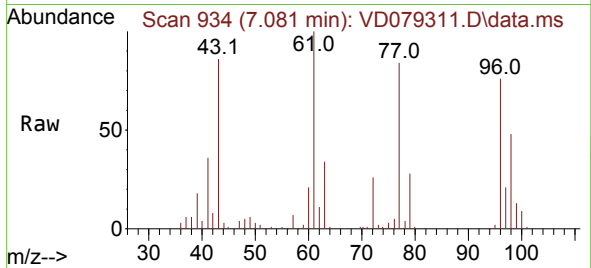




#25
2-Butanone
Concen: 279.878 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

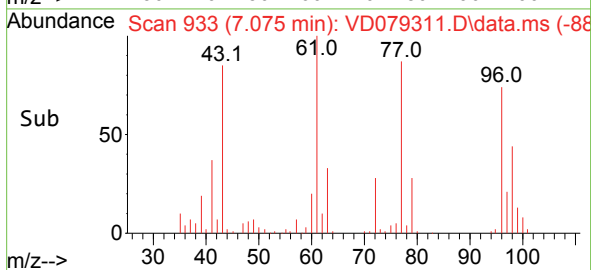
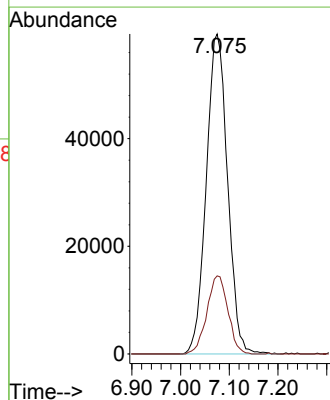
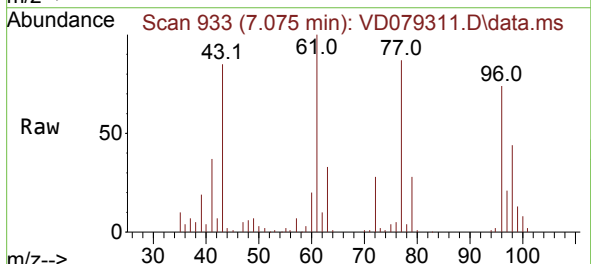
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

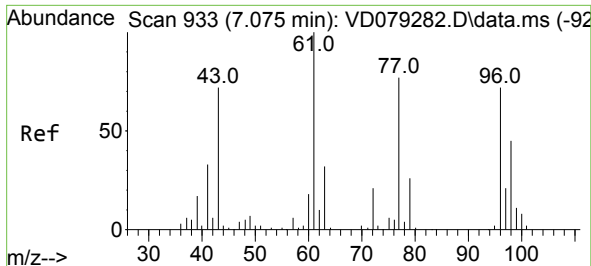
Tgt Ion: 43 Resp: 157244
Ion Ratio Lower Upper
43 100
72 30.0 26.4 39.6



#26
2,2-Dichloropropane
Concen: 52.411 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 77 Resp: 179946
Ion Ratio Lower Upper
77 100
97 24.1 12.4 37.2

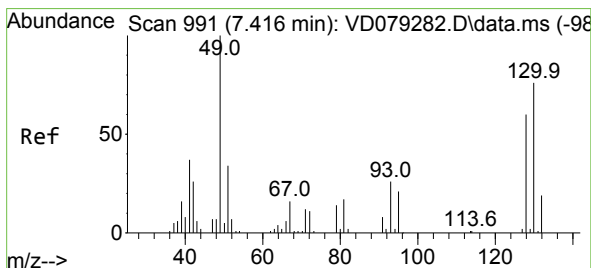
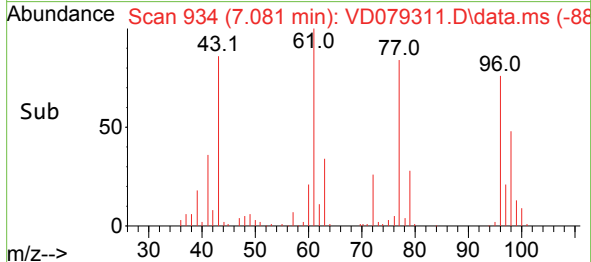
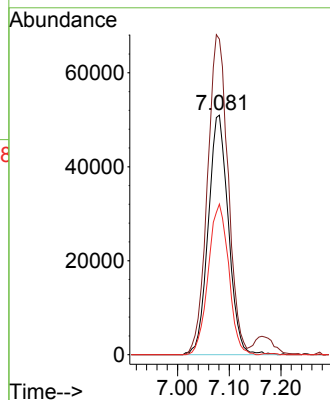
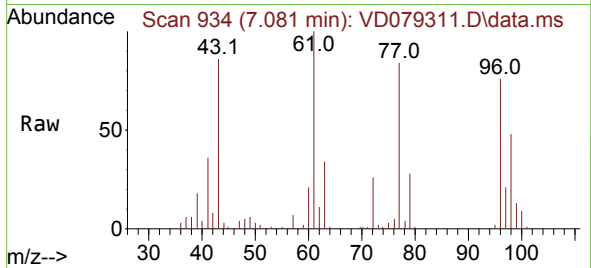




#27
 cis-1,2-Dichloroethene
 Concen: 50.134 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD079311.D
 Acq: 02 Jul 2024 08:49

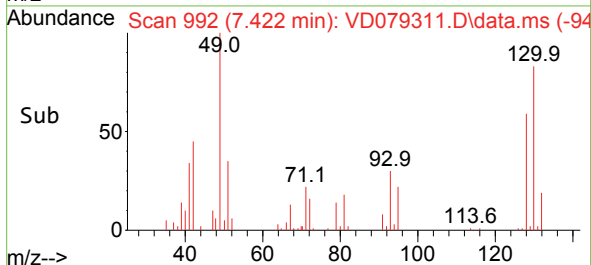
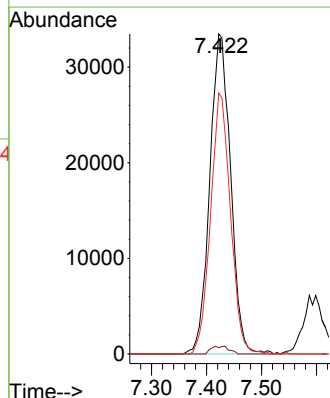
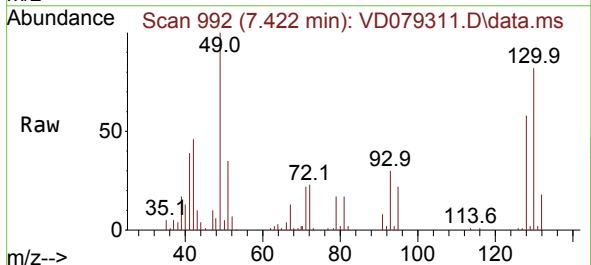
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

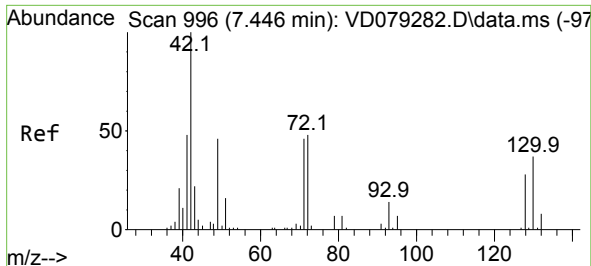
Tgt Ion: 96 Resp: 137871
 Ion Ratio Lower Upper
 96 100
 61 136.8 0.0 229.0
 98 63.8 0.0 127.2



#28
 Bromochloromethane
 Concen: 48.558 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD079311.D
 Acq: 02 Jul 2024 08:49

Tgt Ion: 49 Resp: 88049
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 7.0
 130 77.9 87.7 131.5#





#29

Tetrahydrofuran

Concen: 258.601 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

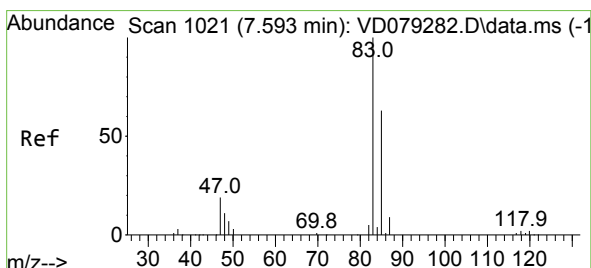
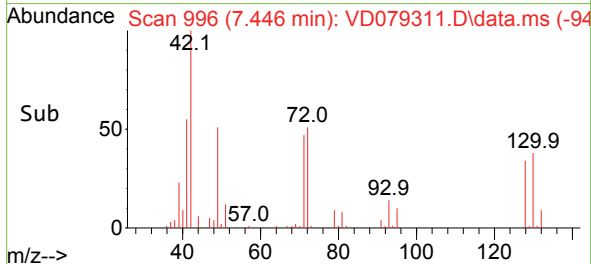
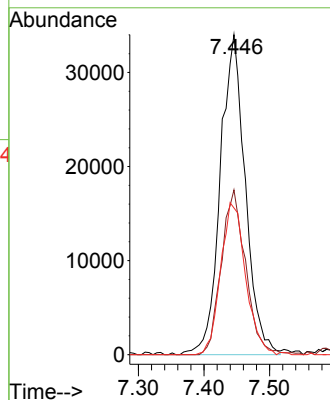
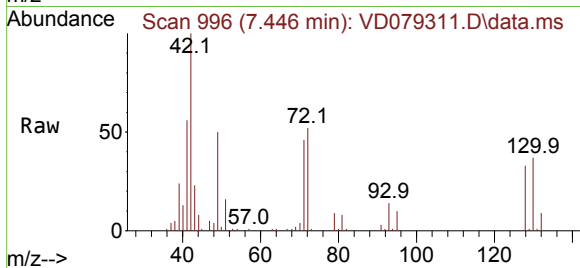
Tgt Ion: 42 Resp: 90257

Ion Ratio Lower Upper

42 100

72 50.2 49.4 74.0

71 47.3 45.0 67.6



#30

Chloroform

Concen: 50.737 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD079311.D

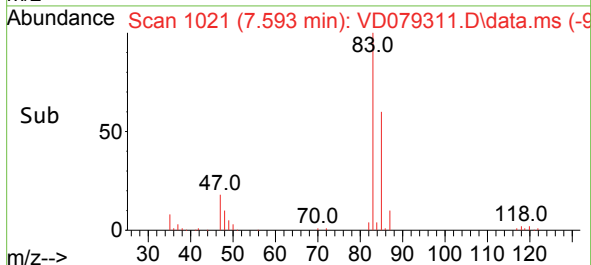
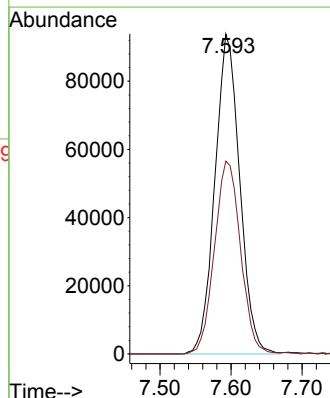
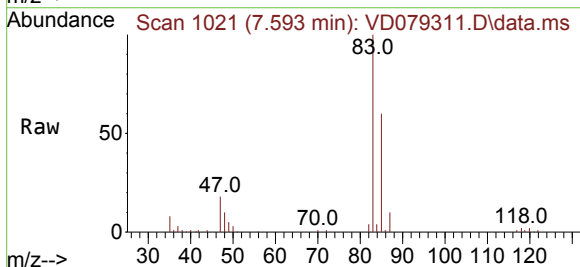
Acq: 02 Jul 2024 08:49

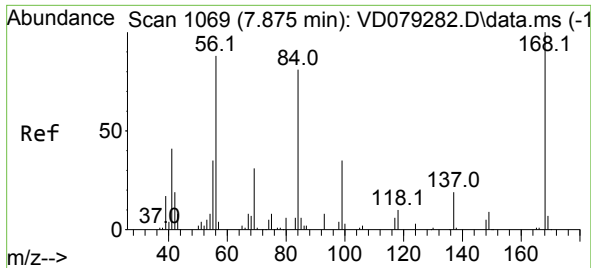
Tgt Ion: 83 Resp: 227619

Ion Ratio Lower Upper

83 100

85 60.2 51.8 77.6

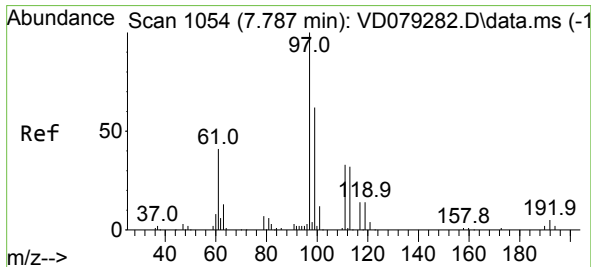
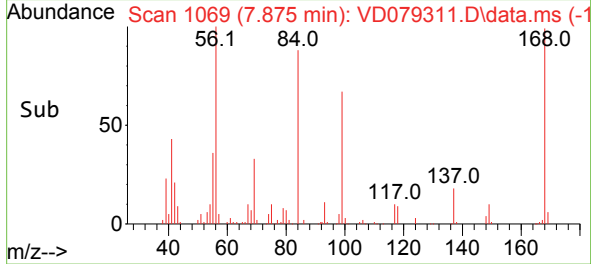
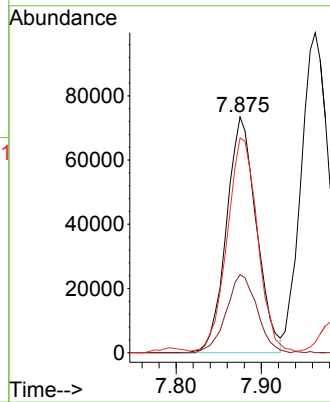
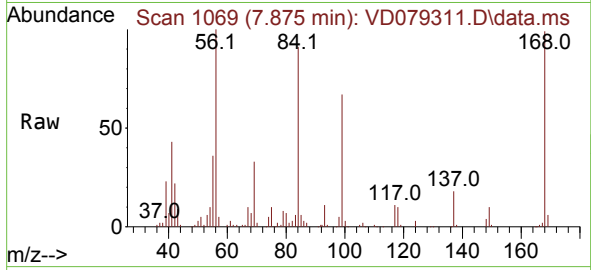




#31
Cyclohexane
Concen: 49.638 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

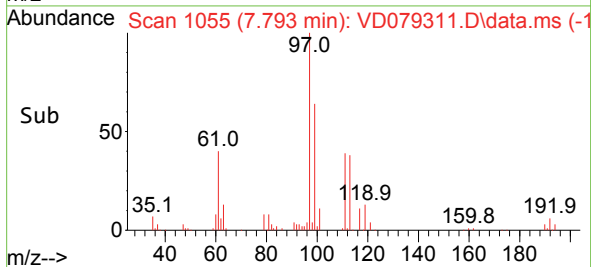
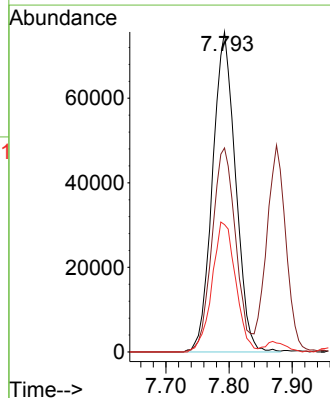
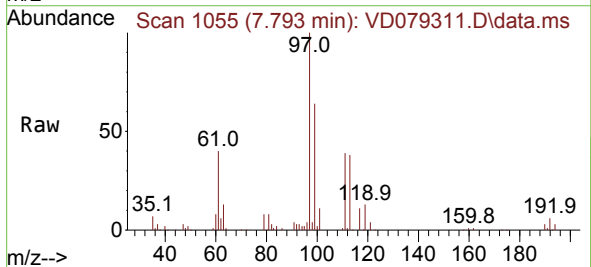
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

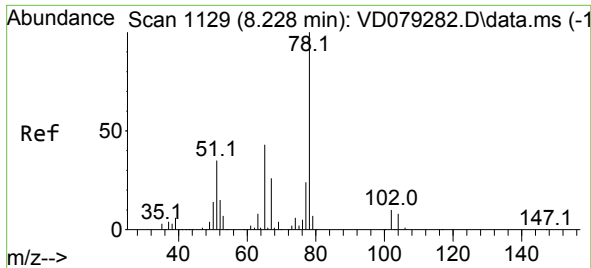
Tgt Ion: 56 Resp: 179293
Ion Ratio Lower Upper
56 100
69 33.1 28.0 42.0
84 89.4 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 52.030 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 97 Resp: 191585
Ion Ratio Lower Upper
97 100
99 66.0 51.3 76.9
61 41.7 31.4 47.2

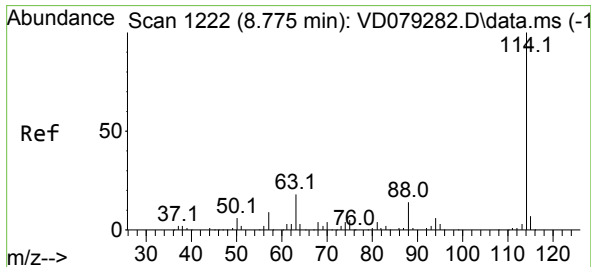
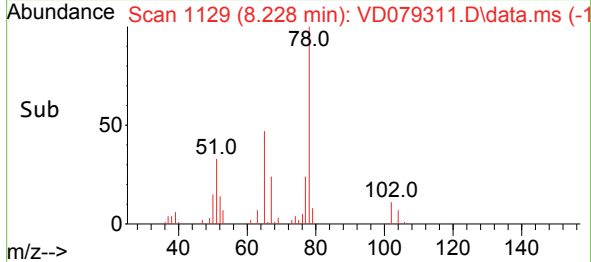
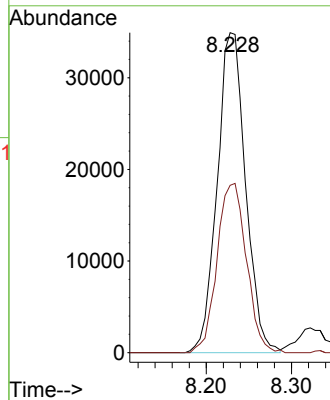
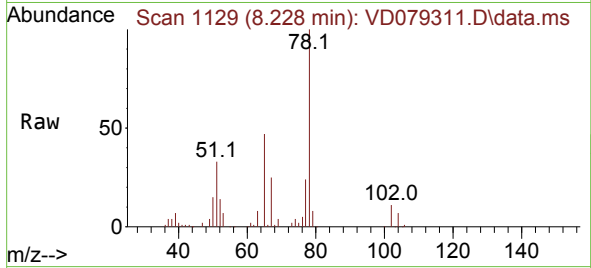




#33
1,2-Dichloroethane-d4
Concen: 48.487 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

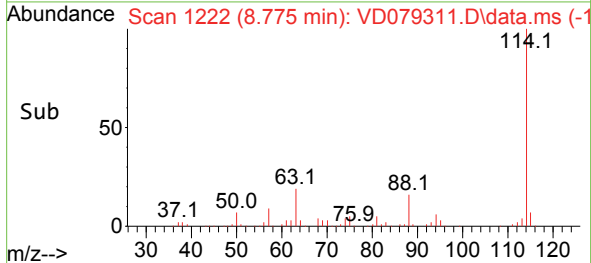
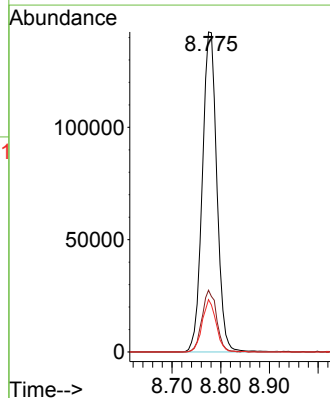
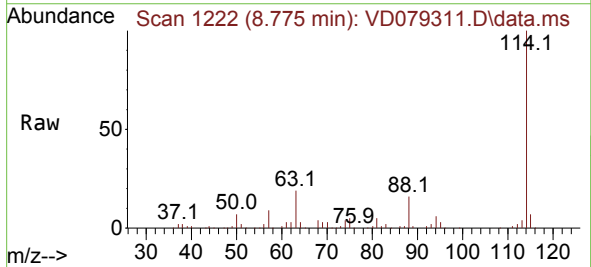
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

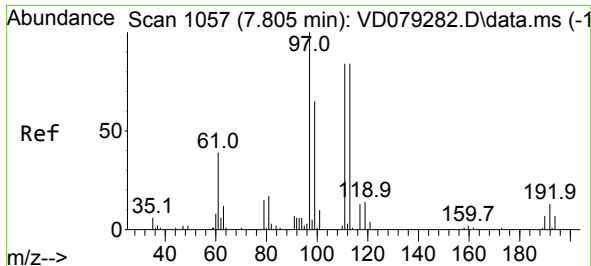
Tgt Ion: 65 Resp: 80775
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 114 Resp: 295091
Ion Ratio Lower Upper
114 100
63 19.3 0.0 34.0
88 16.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 45.735 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

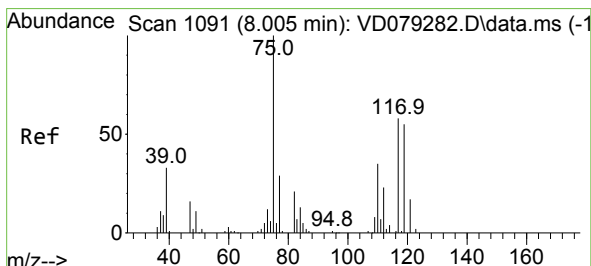
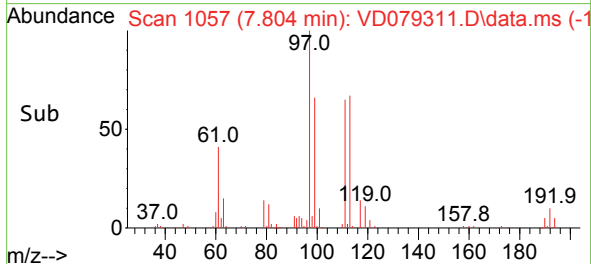
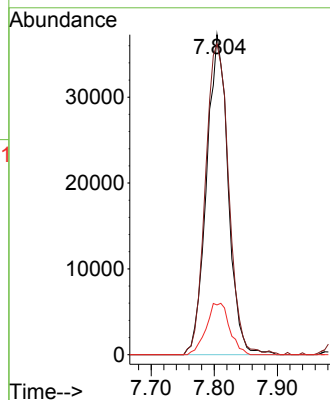
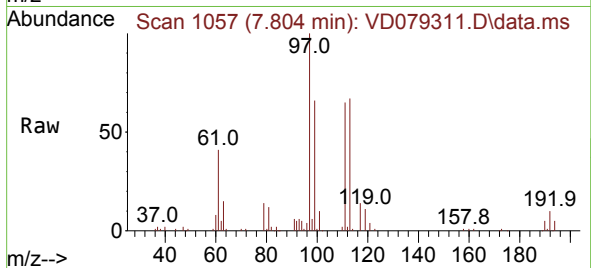
Tgt Ion:113 Resp: 88587

Ion Ratio Lower Upper

113 100

111 104.4 84.0 126.0

192 17.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 56.431 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

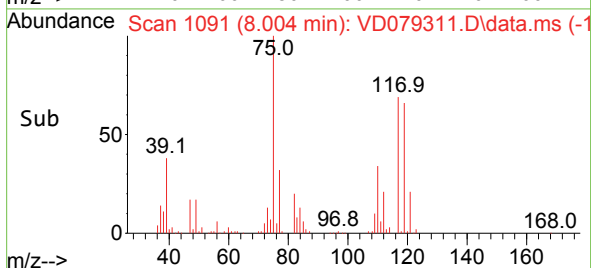
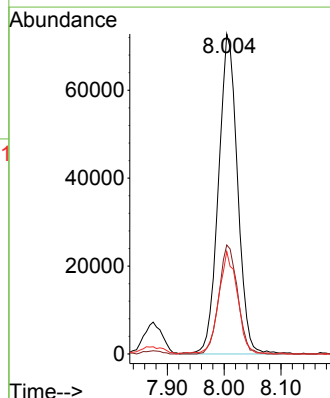
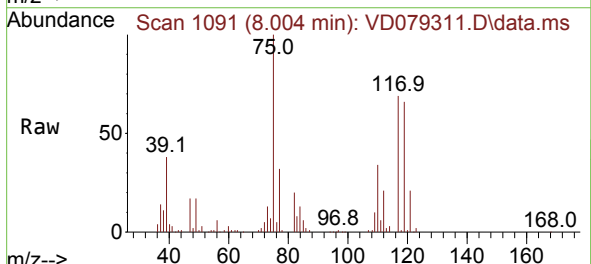
Tgt Ion: 75 Resp: 169823

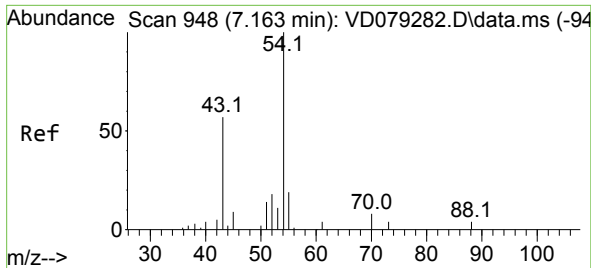
Ion Ratio Lower Upper

75 100

110 33.5 19.6 58.7

77 31.7 26.1 39.1

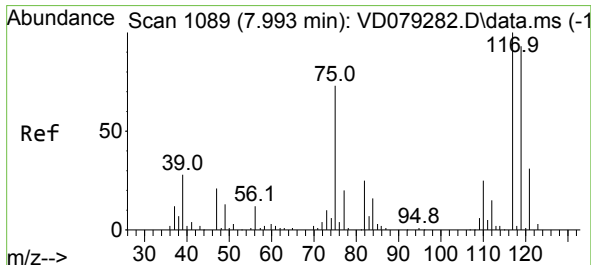
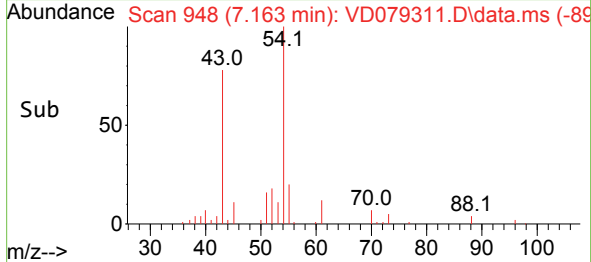
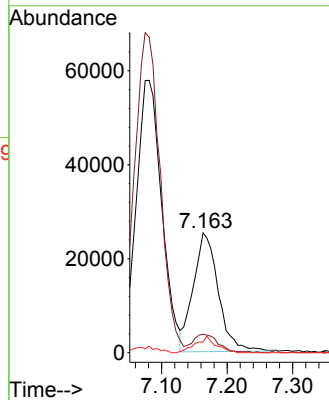
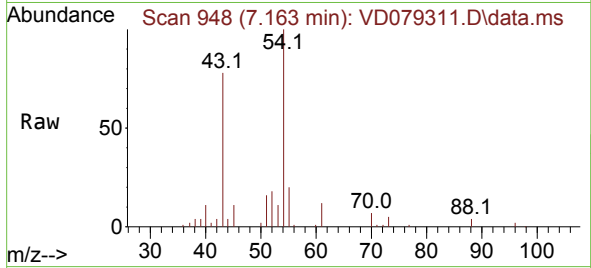




#37
Ethyl Acetate
Concen: 58.629 ug/l
RT: 7.163 min Scan# 948
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

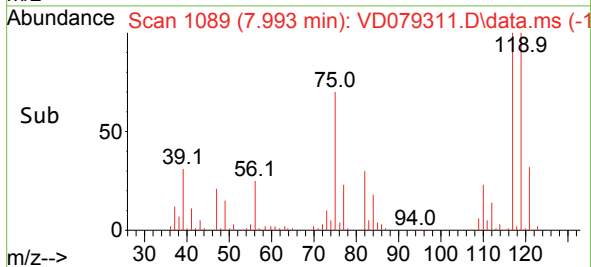
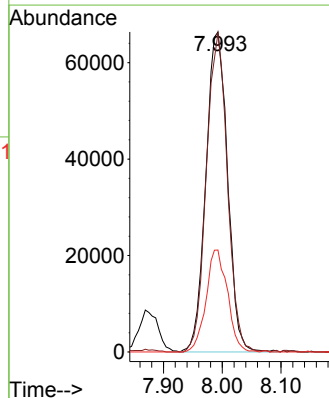
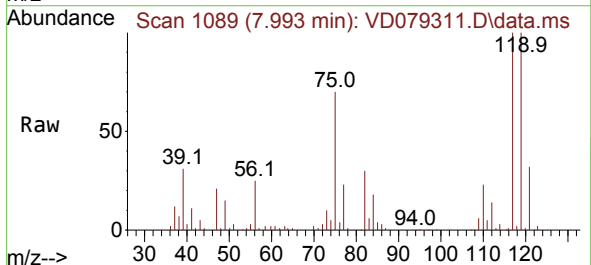
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

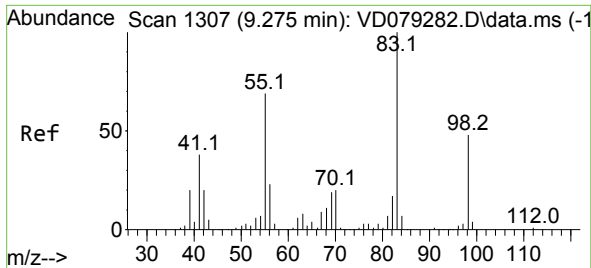
Tgt Ion: 43	Resp: 67161
Ion Ratio	Lower Upper
43 100	
61 15.4	13.9 20.9
70 11.0	9.8 14.6



#38
Carbon Tetrachloride
Concen: 55.728 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion:117	Resp:	170308	
Ion	Ratio	Lower	Upper
117	100		
119	99.5	75.4	113.0
121	31.9	25.0	37.4

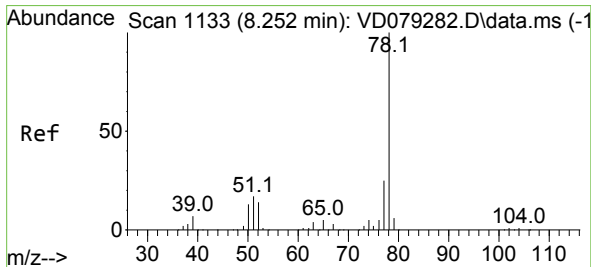
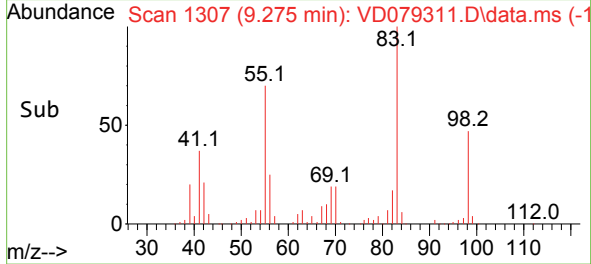
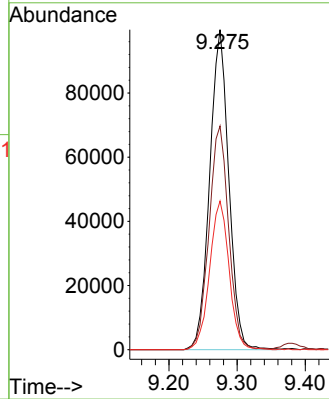
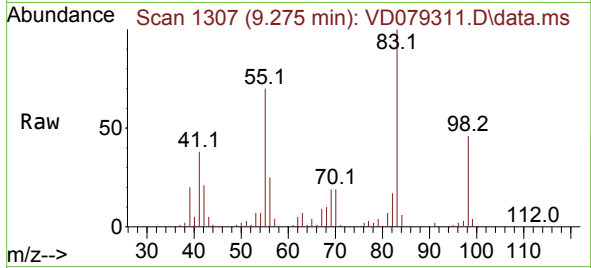




#39
Methylcyclohexane
Concen: 55.062 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

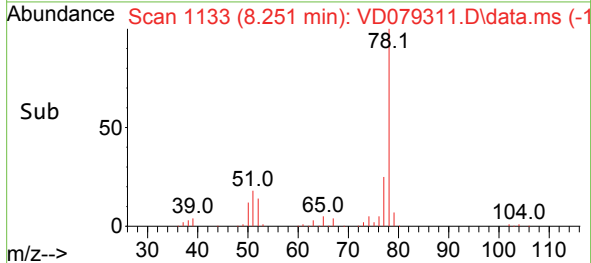
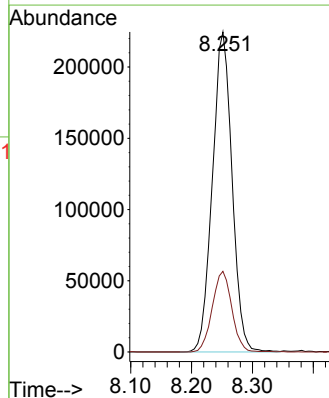
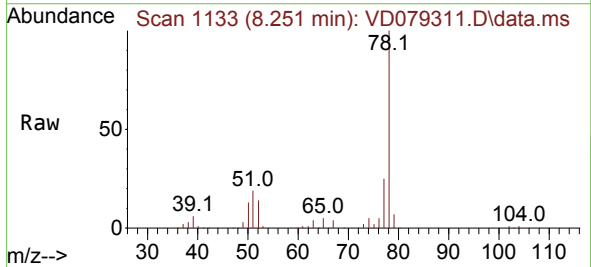
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

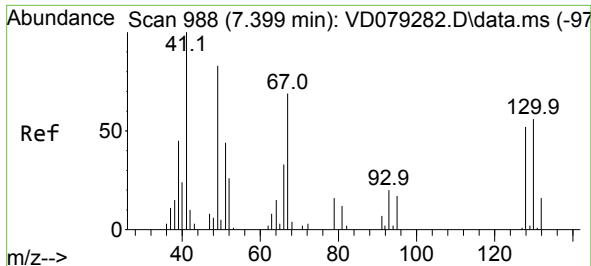
Tgt Ion: 83 Resp: 194949
Ion Ratio Lower Upper
83 100
55 69.9 50.1 75.1
98 46.4 41.9 62.9



#40
Benzene
Concen: 53.648 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 78 Resp: 503695
Ion Ratio Lower Upper
78 100
77 25.2 18.1 27.1

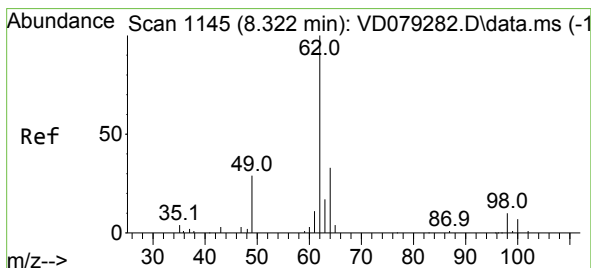
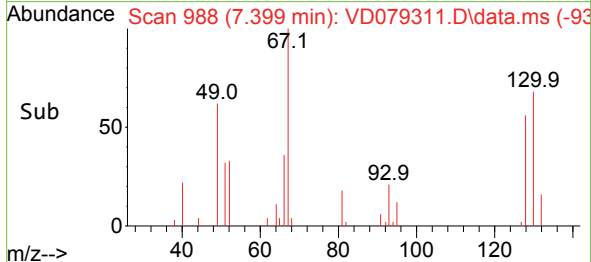
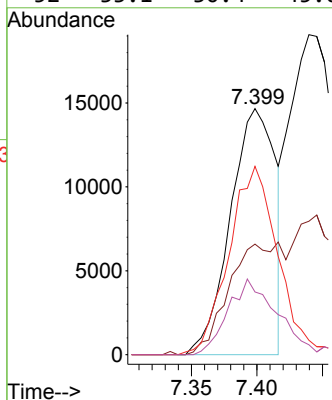
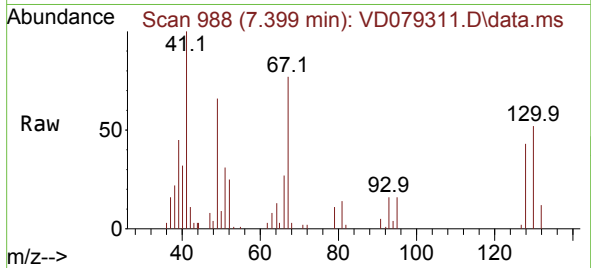




#41
Methacrylonitrile
Concen: 55.721 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

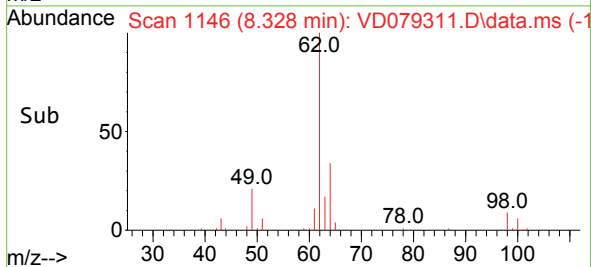
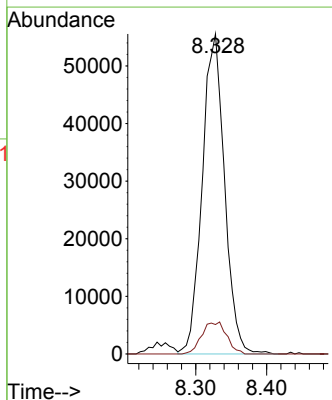
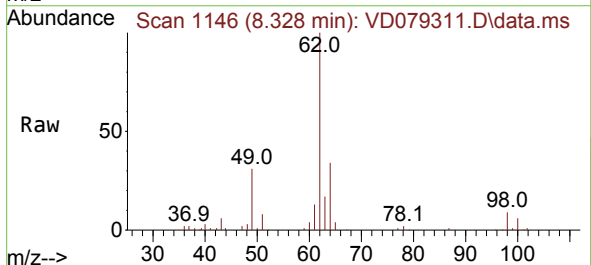
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

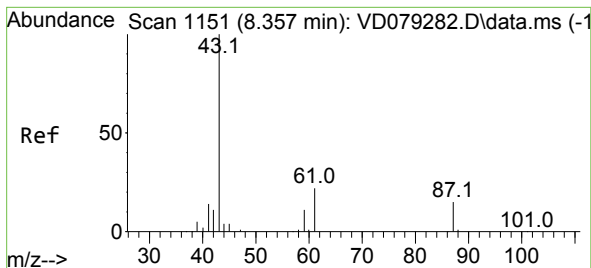
Tgt Ion: 41	Resp: 35085
Ion Ratio	Lower Upper
41 100	
39 42.7	41.4 62.0
67 83.9	85.8 128.6#
52 33.1	30.4 45.6



#42
1,2-Dichloroethane
Concen: 53.815 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 62	Resp: 121517
Ion Ratio	Lower Upper
62 100	
98 11.1	0.0 25.8





#43

Isopropyl Acetate

Concen: 53.904 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

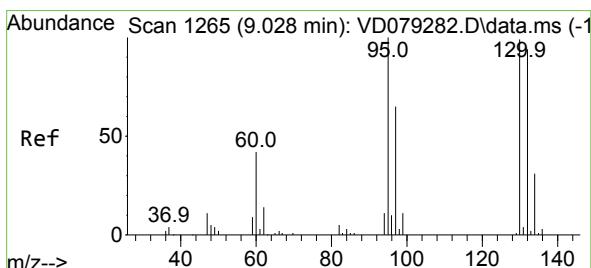
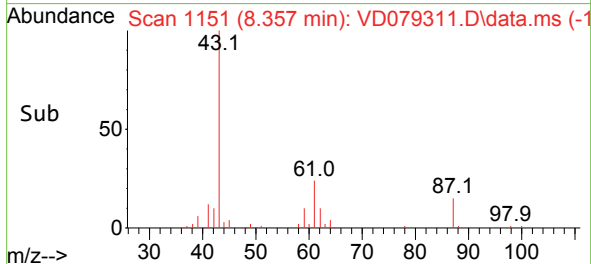
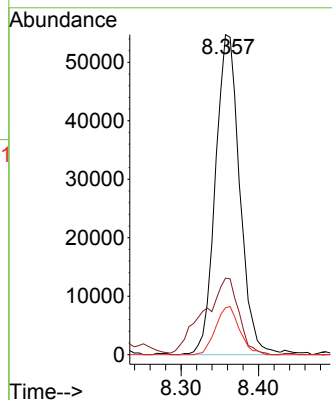
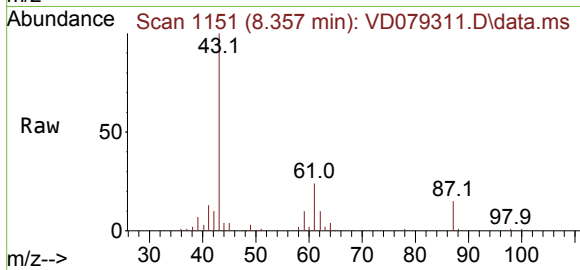
Tgt Ion: 43 Resp: 119169

Ion Ratio Lower Upper

43 100

61 34.6 29.3 43.9

87 14.8 14.9 22.3#



#44

Trichloroethene

Concen: 54.097 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079311.D

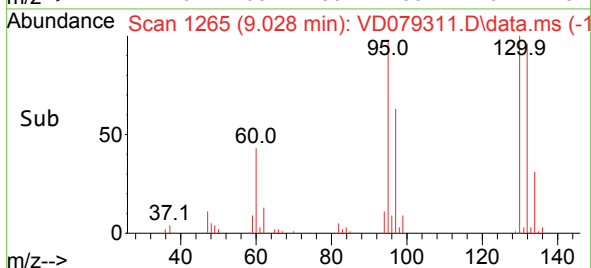
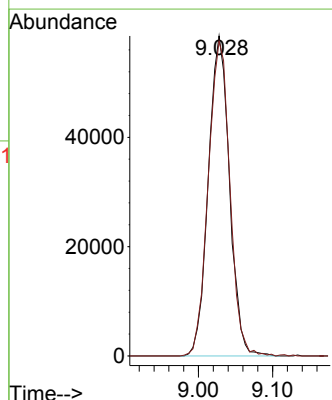
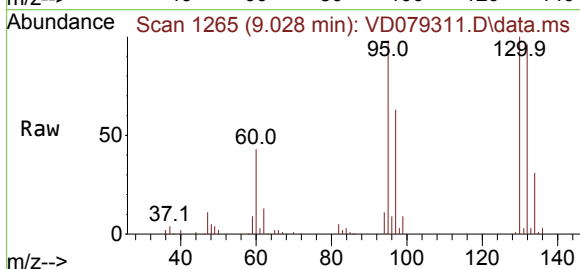
Acq: 02 Jul 2024 08:49

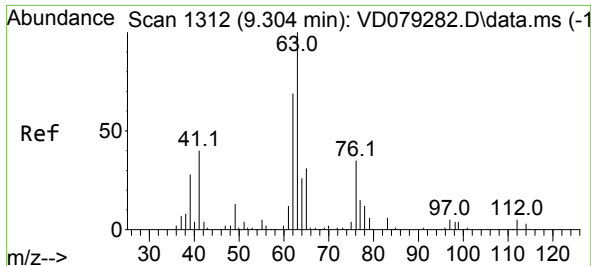
Tgt Ion:130 Resp: 116019

Ion Ratio Lower Upper

130 100

95 98.4 0.0 177.8





#45

1,2-Dichloropropane

Concen: 54.160 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Instrument :

MSVOA_D

ClientSampleId :

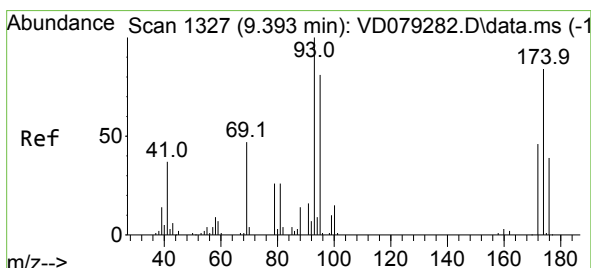
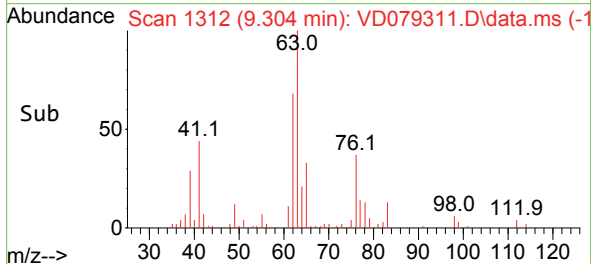
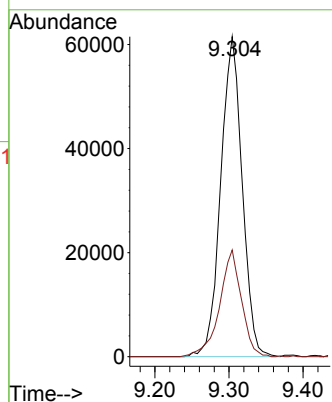
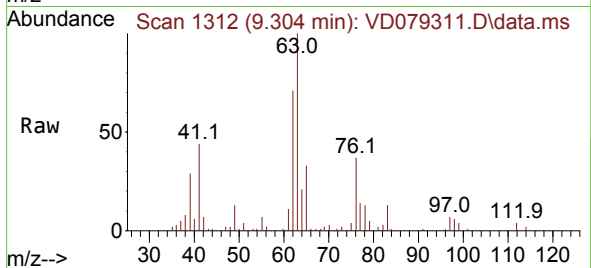
VSTDCCC050

Tgt Ion: 63 Resp: 123812

Ion Ratio Lower Upper

63 100

65 33.4 23.8 35.8



#46

Dibromomethane

Concen: 53.653 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

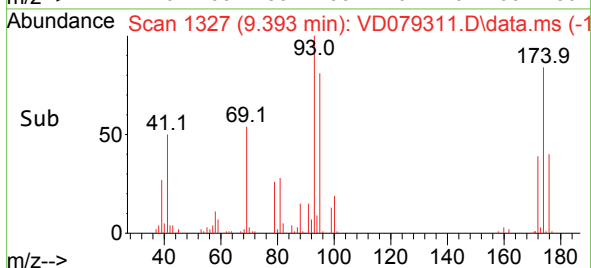
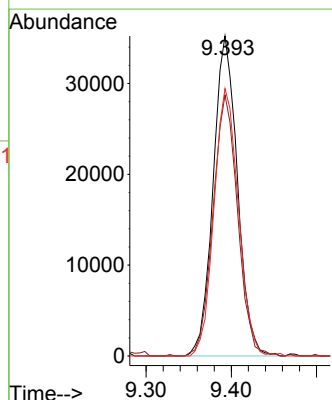
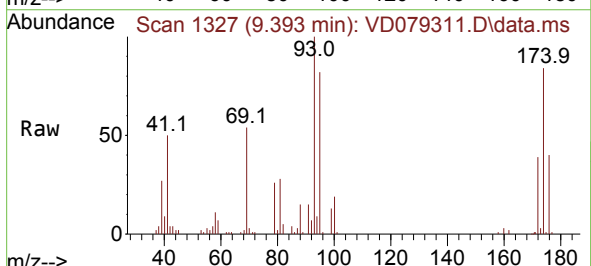
Tgt Ion: 93 Resp: 69564

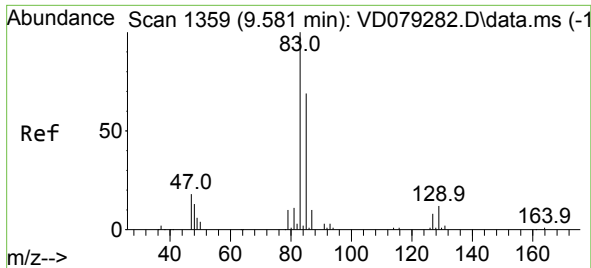
Ion Ratio Lower Upper

93 100

95 82.8 65.6 98.4

174 84.4 82.3 123.5

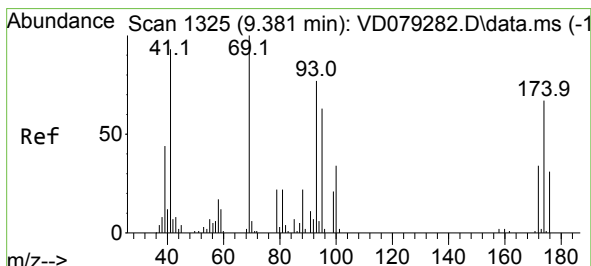
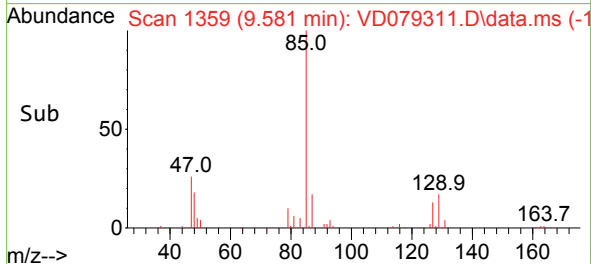
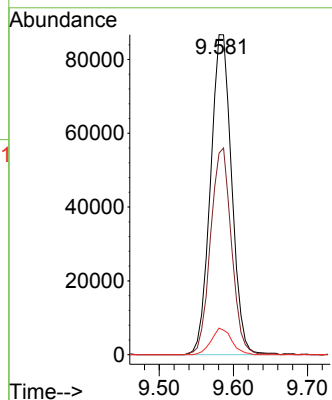
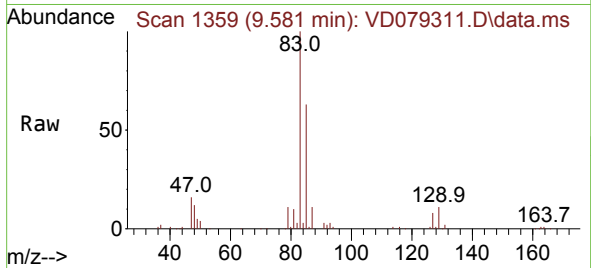




#47
Bromodichloromethane
Concen: 54.227 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

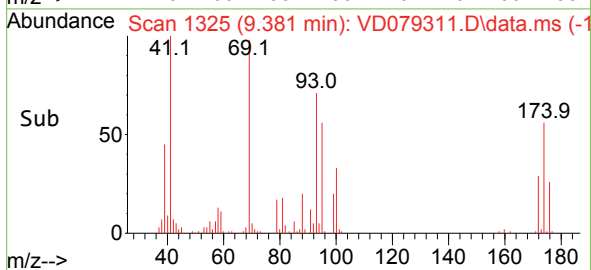
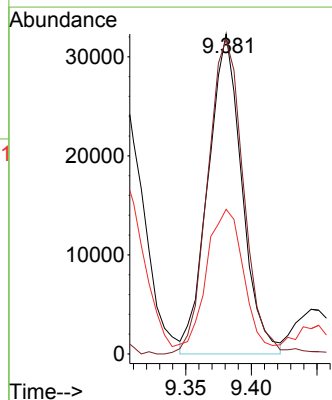
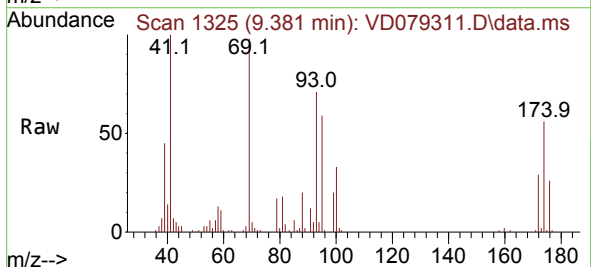
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

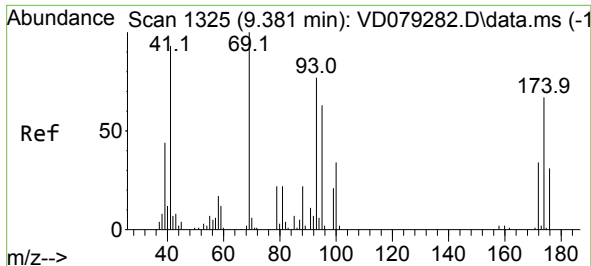
Tgt Ion: 83 Resp: 172053
Ion Ratio Lower Upper
83 100
85 63.0 50.1 75.1
127 8.3 6.8 10.2



#48
Methyl methacrylate
Concen: 58.148 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 41 Resp: 58004
Ion Ratio Lower Upper
41 100
69 104.6 96.7 145.1
39 46.1 43.8 65.6





#49

1,4-Dioxane

Concen: 1067.582 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

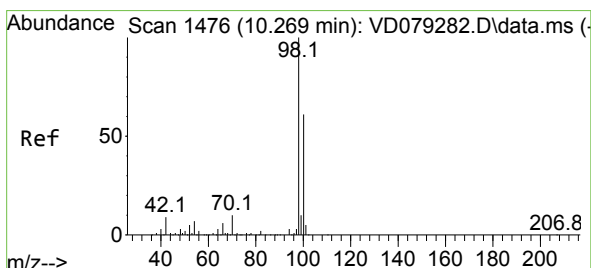
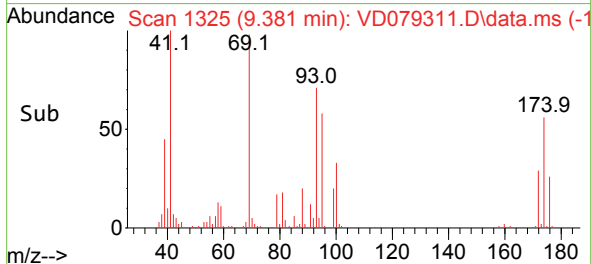
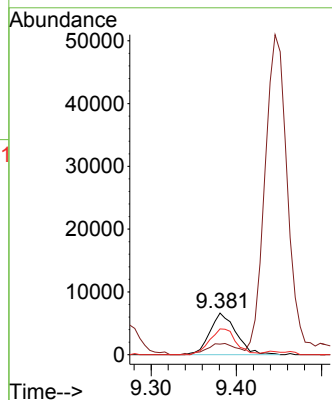
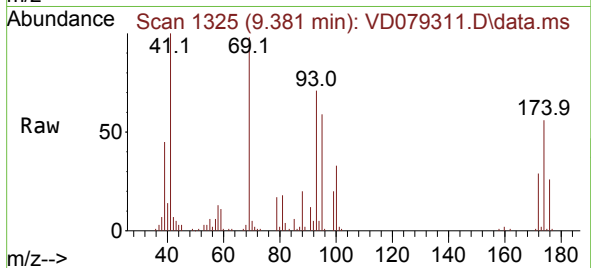
Tgt Ion: 88 Resp: 14184

Ion Ratio Lower Upper

88 100

43 30.8 21.5 32.3

58 61.9 42.2 63.4



#50

Toluene-d8

Concen: 43.862 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079311.D

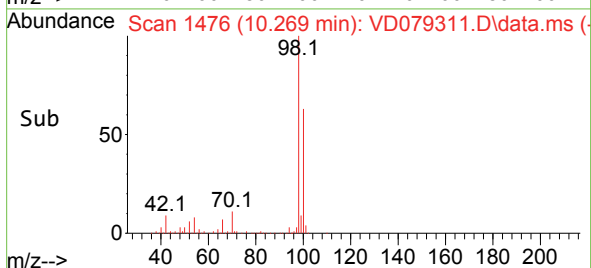
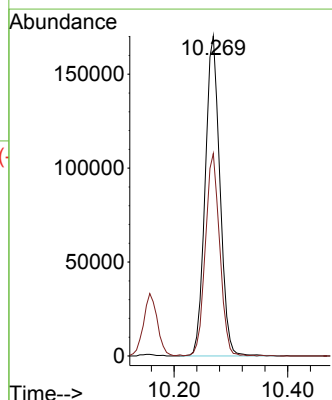
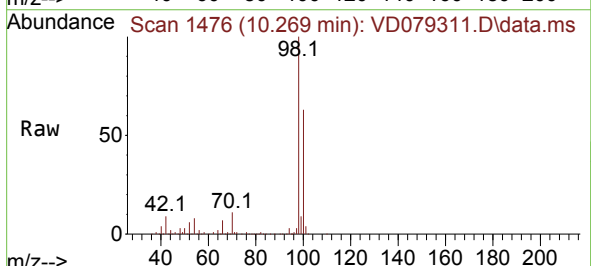
Acq: 02 Jul 2024 08:49

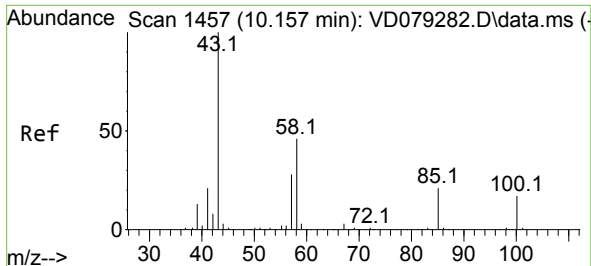
Tgt Ion: 98 Resp: 305643

Ion Ratio Lower Upper

98 100

100 61.7 51.6 77.4

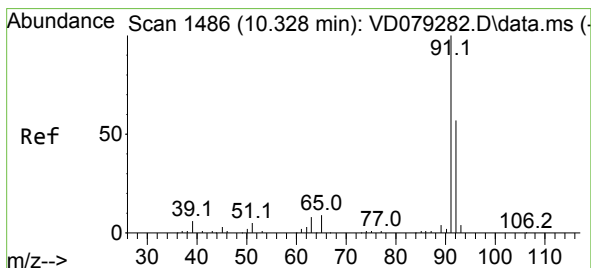
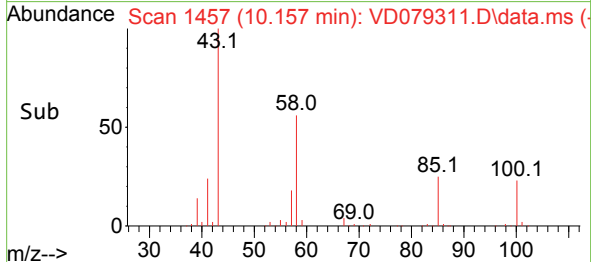
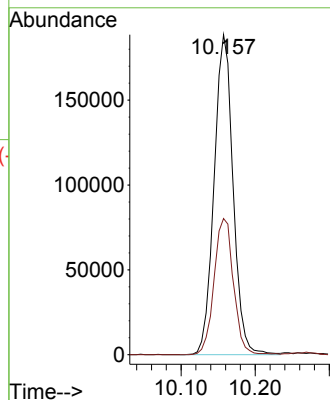
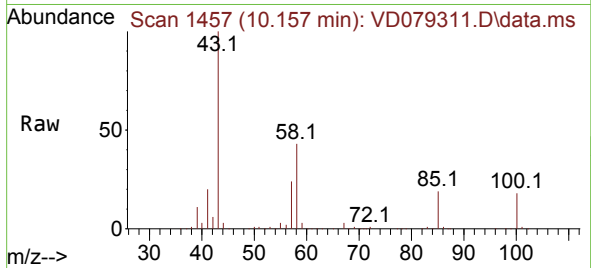




#51
4-Methyl-2-Pentanone
Concen: 291.571 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

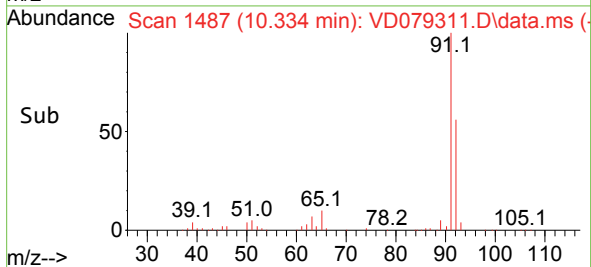
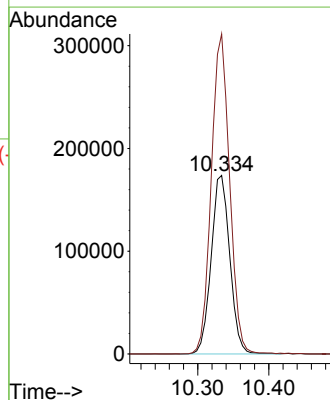
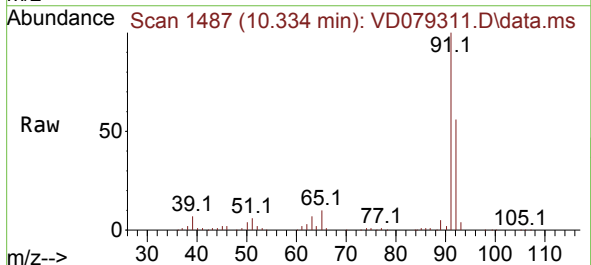
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

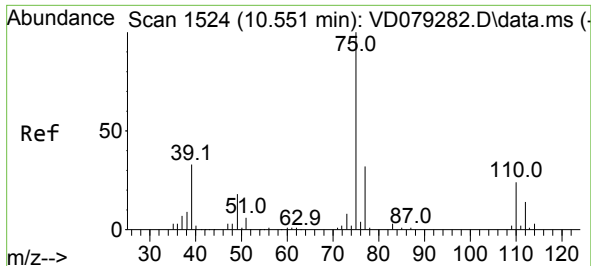
Tgt Ion: 43 Resp: 335446
Ion Ratio Lower Upper
43 100
58 43.6 36.6 55.0



#52
Toluene
Concen: 55.252 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 92 Resp: 315812
Ion Ratio Lower Upper
92 100
91 176.4 141.7 212.5

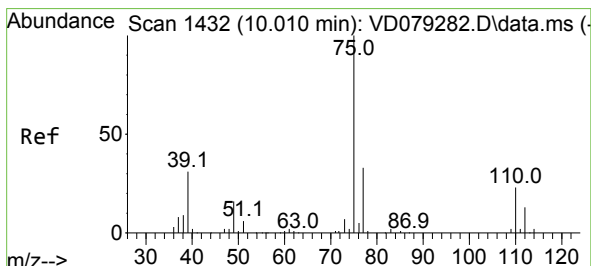
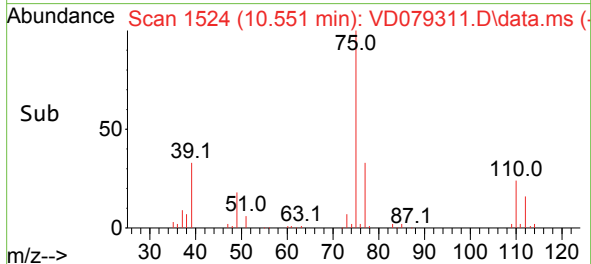
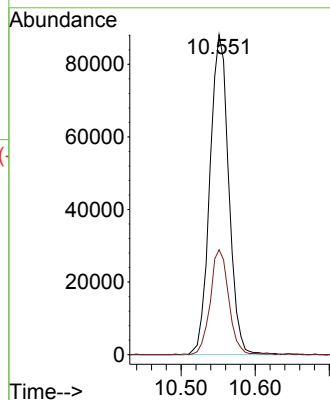
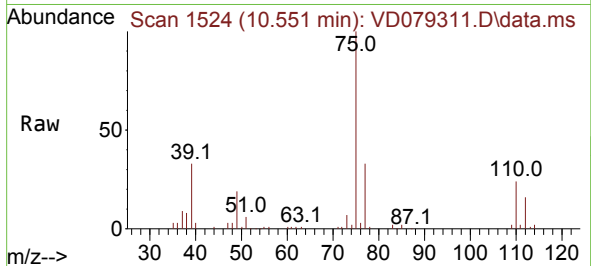




#53
 t-1,3-Dichloropropene
 Concen: 54.358 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD079311.D
 Acq: 02 Jul 2024 08:49

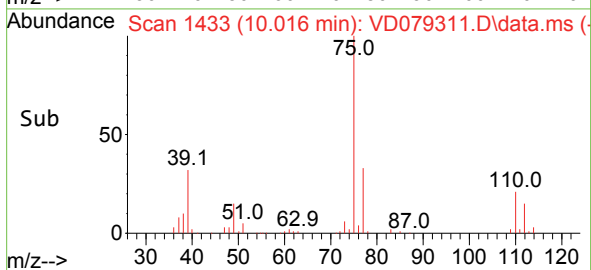
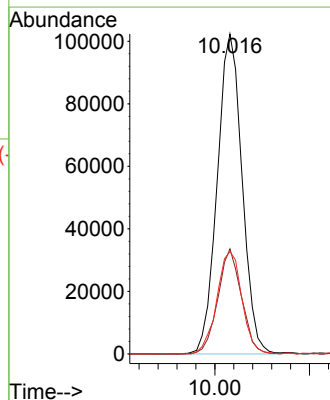
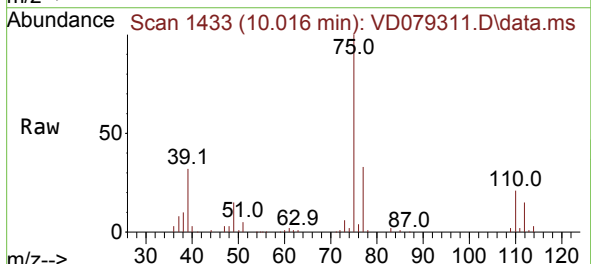
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

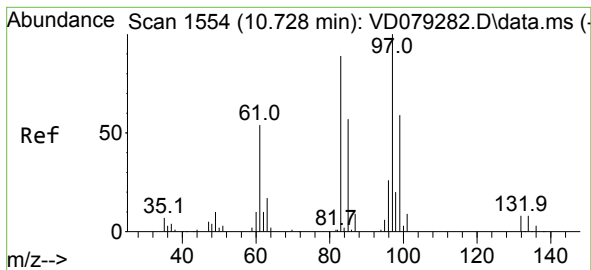
Tgt Ion: 75 Resp: 155754
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 54.281 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD079311.D
 Acq: 02 Jul 2024 08:49

Tgt Ion: 75 Resp: 186619
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.4 36.6
 39 32.0 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 53.214 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 88989

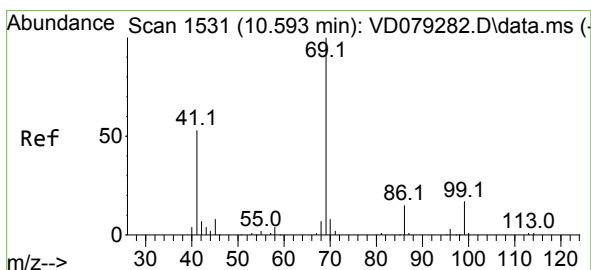
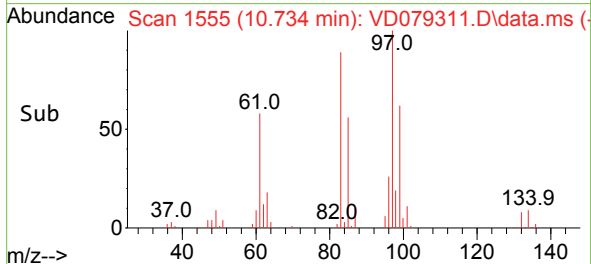
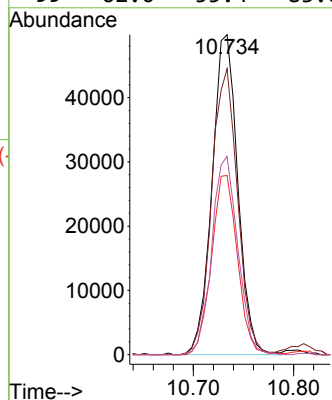
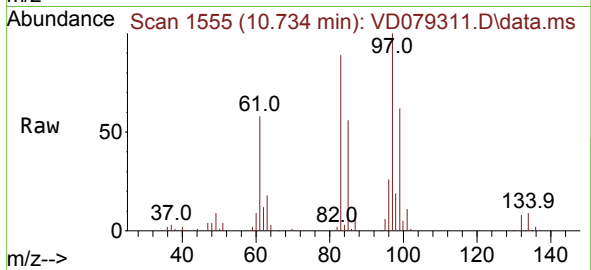
Ion Ratio Lower Upper

97 100

83 89.4 65.8 98.8

85 56.0 43.8 65.8

99 62.0 55.4 83.0



#56

Ethyl methacrylate

Concen: 50.239 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.005 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

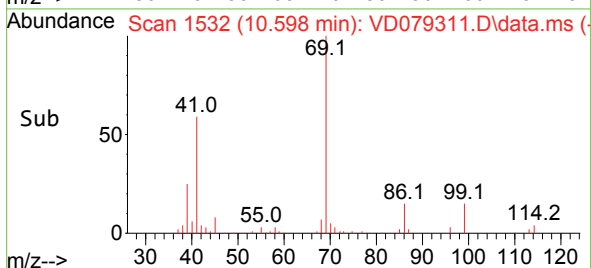
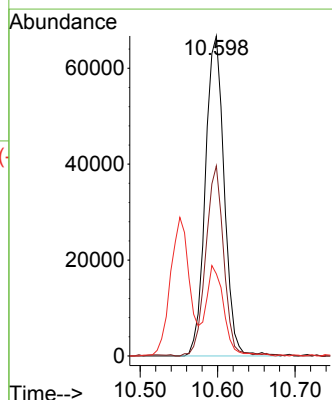
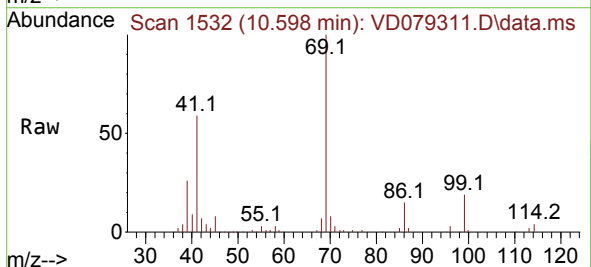
Tgt Ion: 69 Resp: 112860

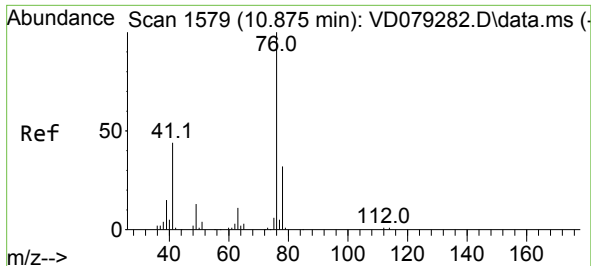
Ion Ratio Lower Upper

69 100

41 56.8 39.8 59.6

39 26.9 20.2 30.4





#57

1,3-Dichloropropane

Concen: 53.167 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Instrument :

MSVOA_D

ClientSampleId :

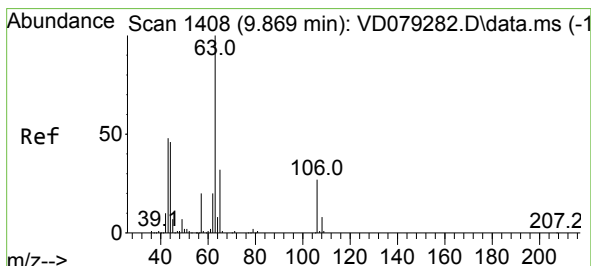
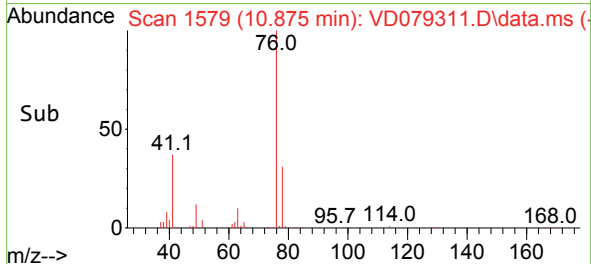
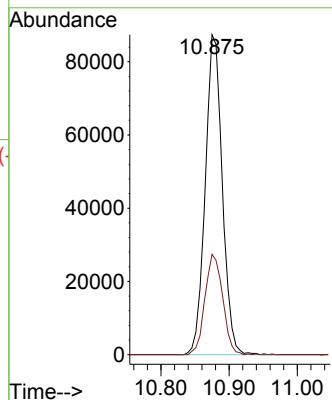
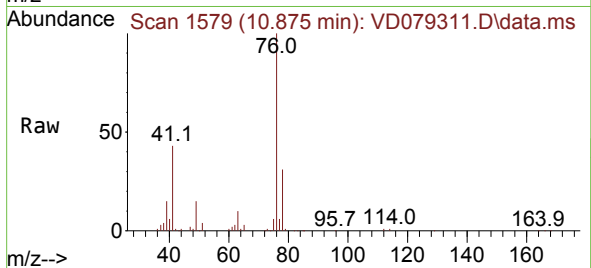
VSTDCCC050

Tgt Ion: 76 Resp: 152011

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 256.762 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079311.D

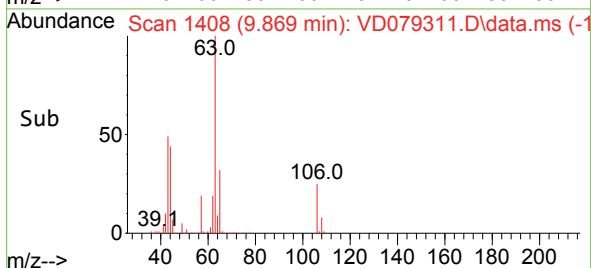
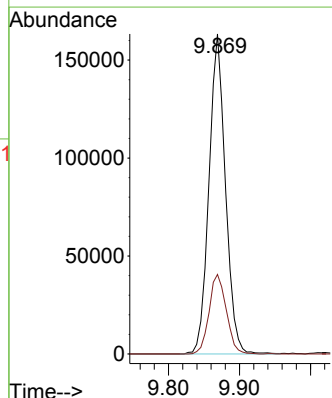
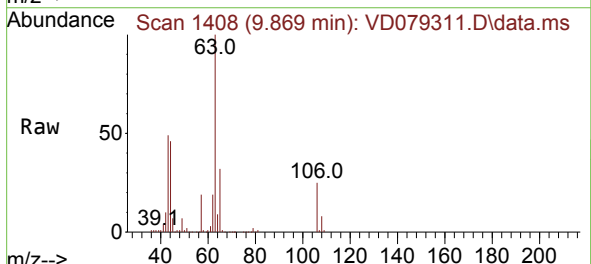
Acq: 02 Jul 2024 08:49

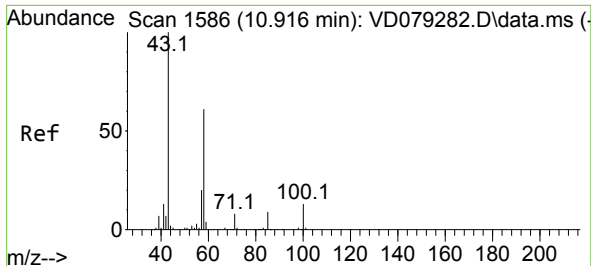
Tgt Ion: 63 Resp: 263347

Ion Ratio Lower Upper

63 100

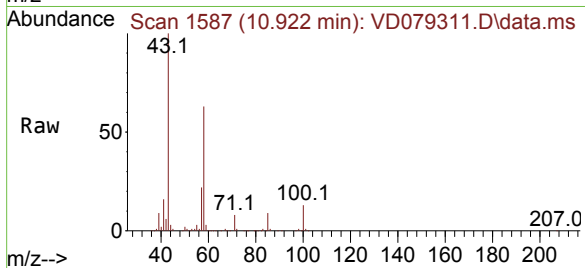
106 25.9 26.4 39.6#



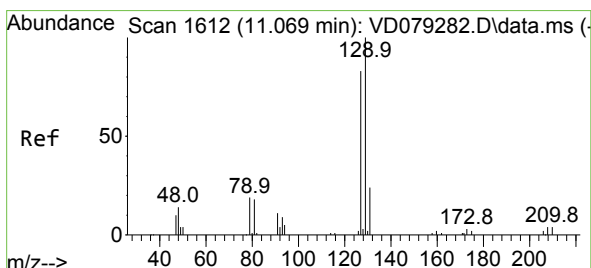
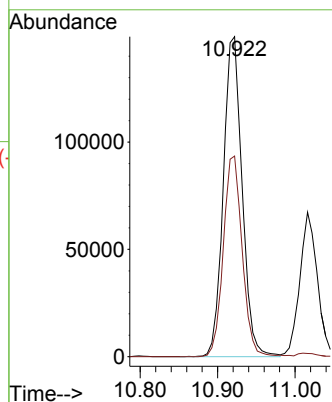
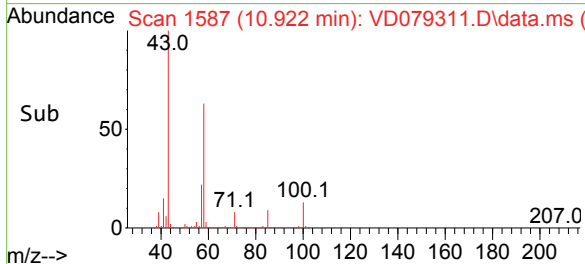


#59
2-Hexanone
Concen: 308.764 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

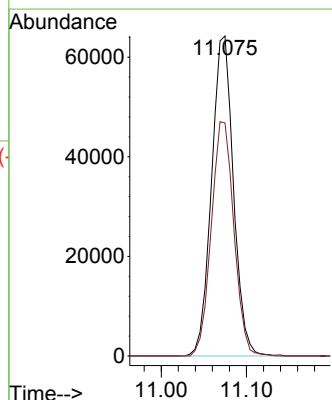
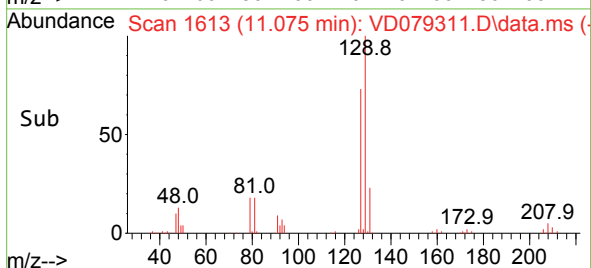
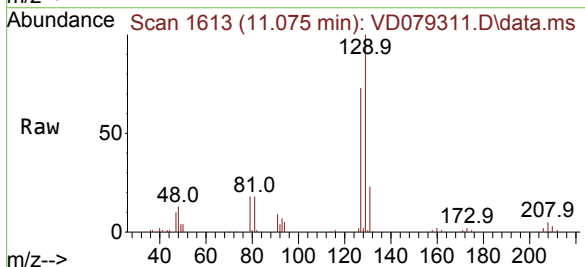


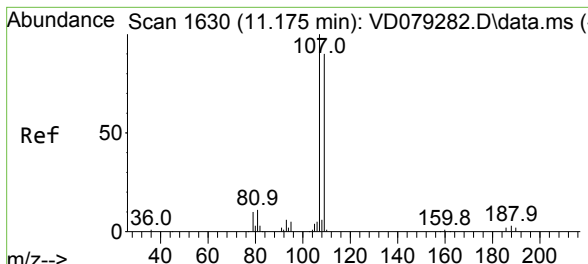
Tgt Ion: 43 Resp: 252262
Ion Ratio Lower Upper
43 100
58 62.9 31.1 93.5



#60
Dibromochloromethane
Concen: 54.412 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion:129 Resp: 114859
Ion Ratio Lower Upper
129 100
127 75.6 38.0 113.9

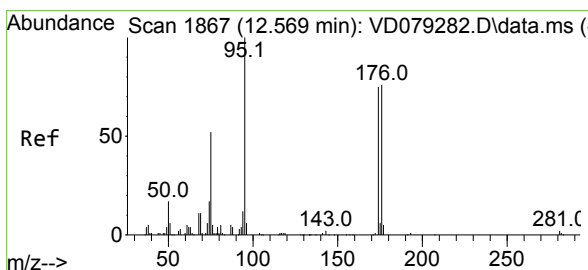
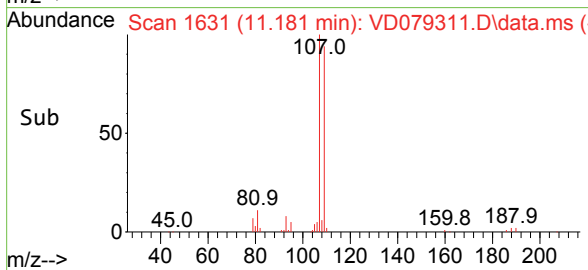
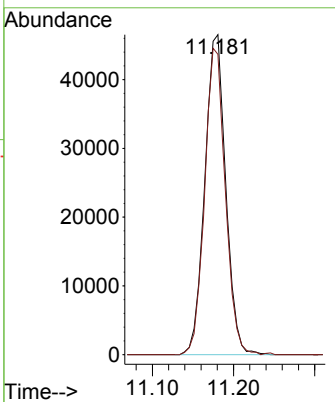
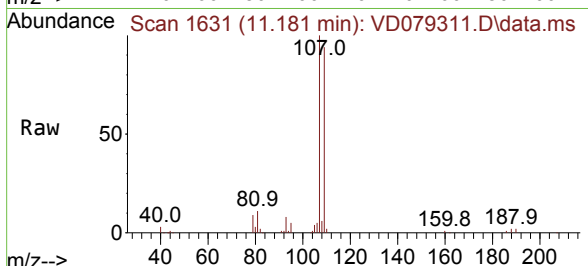




#61
 1,2-Dibromoethane
 Concen: 54.272 ug/l
 RT: 11.181 min Scan# 1631
 Delta R.T. 0.006 min
 Lab File: VD079311.D
 Acq: 02 Jul 2024 08:49

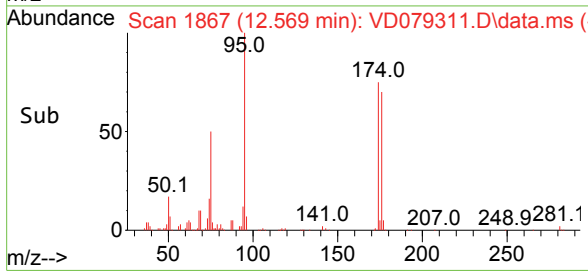
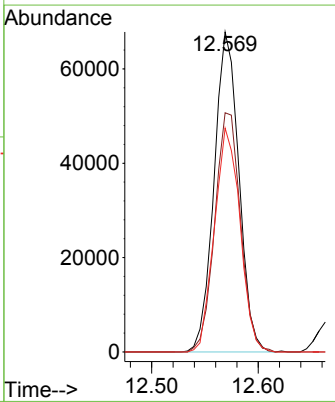
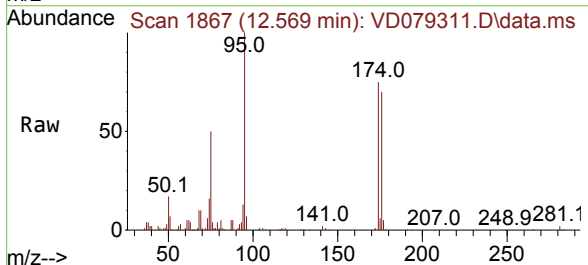
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

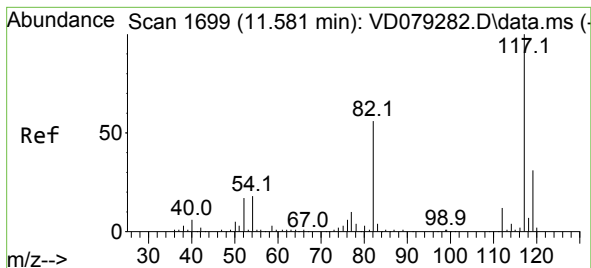
Tgt Ion:	107	Resp:	83207
Ion	Ratio	Lower	Upper
107	100		
109	94.5	72.0	108.0



#62
 4-Bromofluorobenzene
 Concen: 49.051 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VD079311.D
 Acq: 02 Jul 2024 08:49

Tgt Ion:	95	Resp:	109604
Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	195.4
176	72.2	0.0	192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

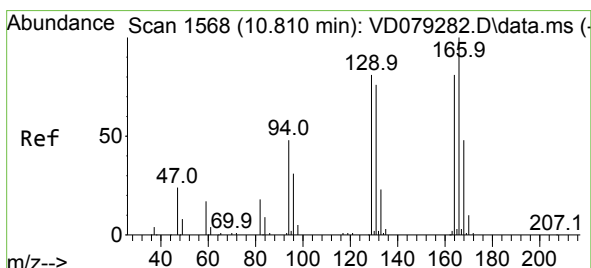
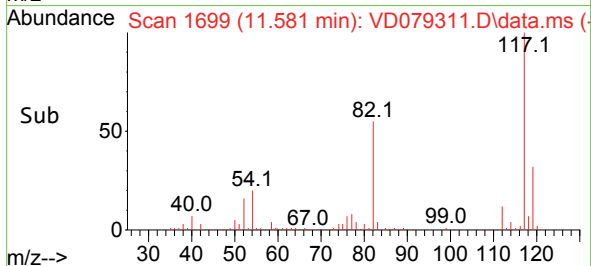
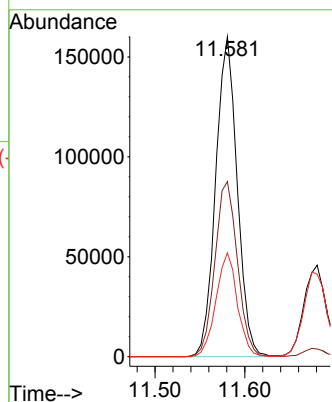
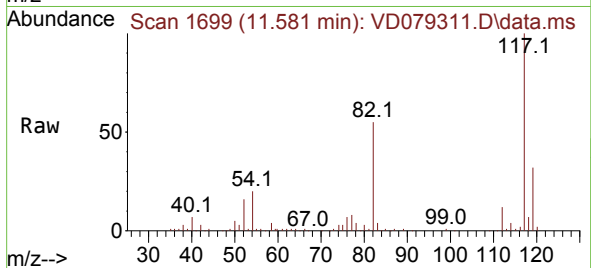
Tgt Ion:117 Resp: 266960

Ion Ratio Lower Upper

117 100

82 54.7 39.8 59.6

119 32.4 25.7 38.5



#64

Tetrachloroethene

Concen: 58.112 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Tgt Ion:164 Resp: 96659

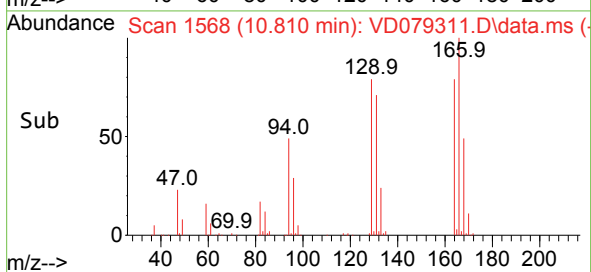
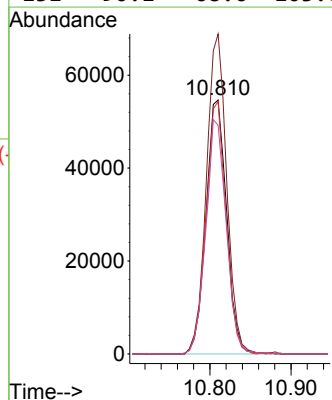
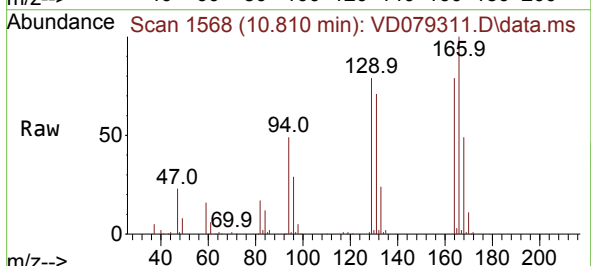
Ion Ratio Lower Upper

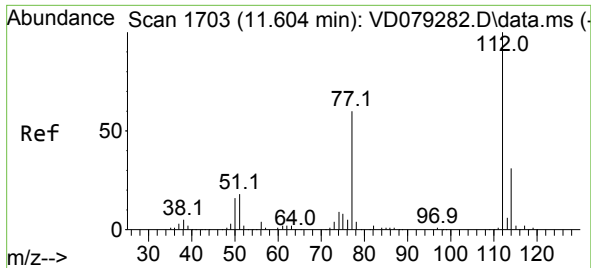
164 100

166 126.0 108.6 163.0

129 99.4 74.6 112.0

131 90.1 68.6 103.0

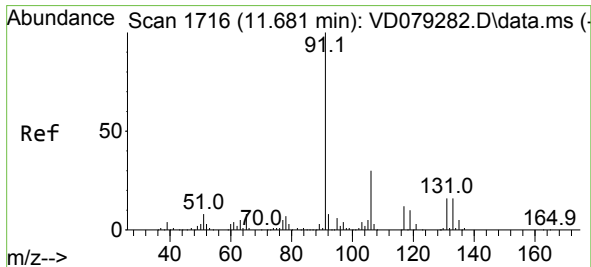
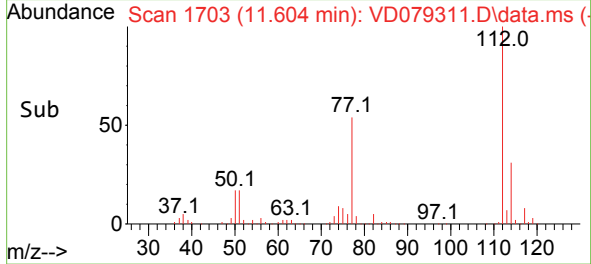
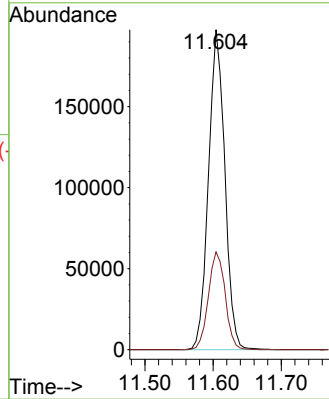
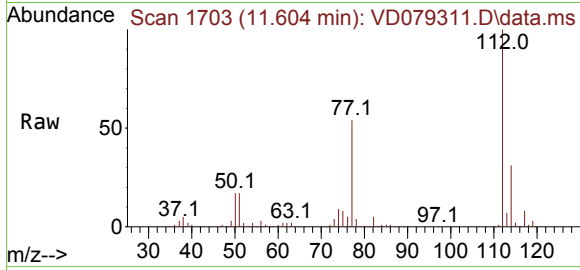




#65
Chlorobenzene
Concen: 55.500 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

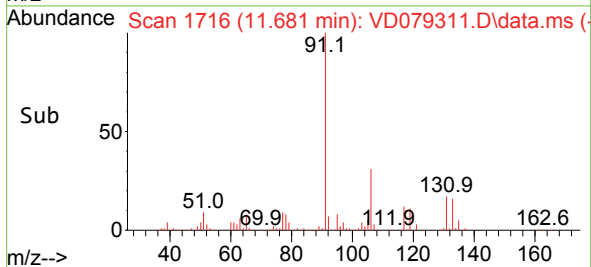
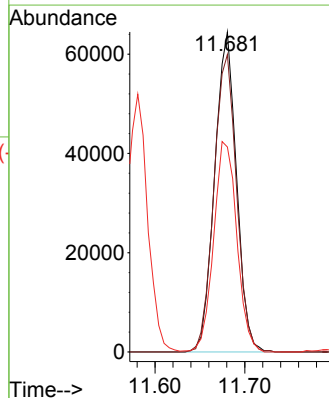
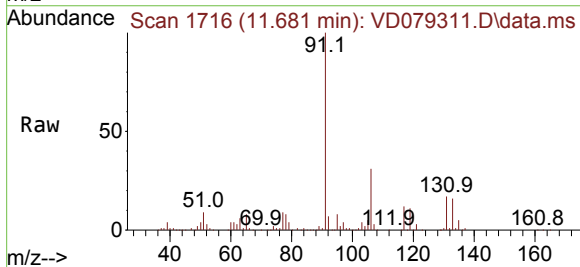
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

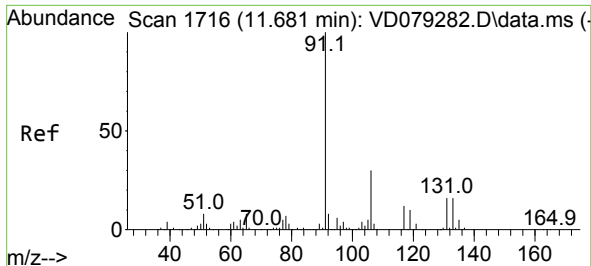
Tgt Ion:112 Resp: 329550
Ion Ratio Lower Upper
112 100
114 30.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.844 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion:131 Resp: 108823
Ion Ratio Lower Upper
131 100
133 96.5 49.2 147.6
119 70.0 33.4 100.2

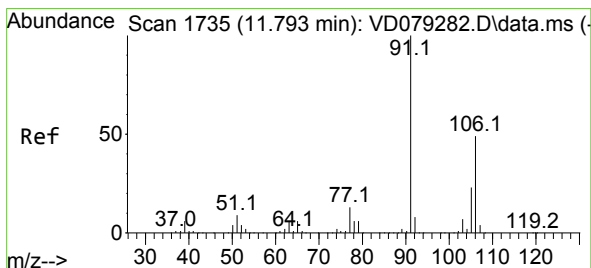
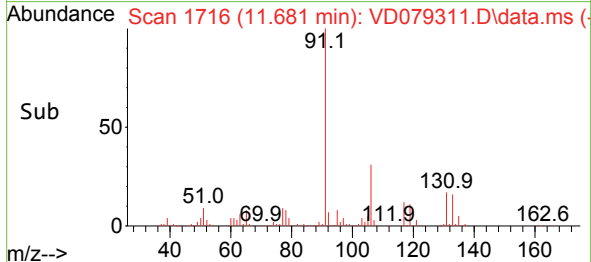
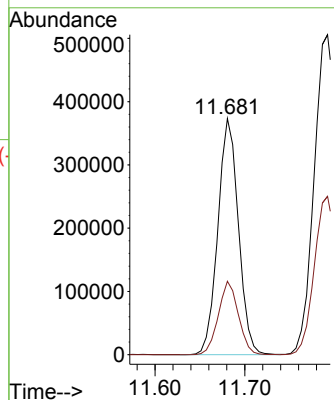
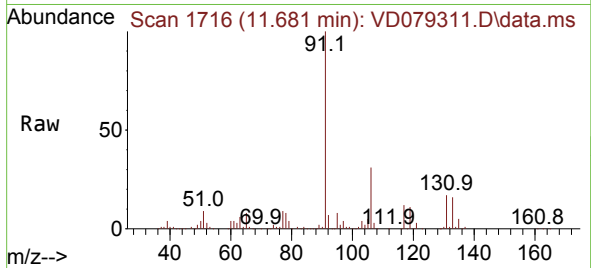




#67
Ethyl Benzene
Concen: 57.292 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

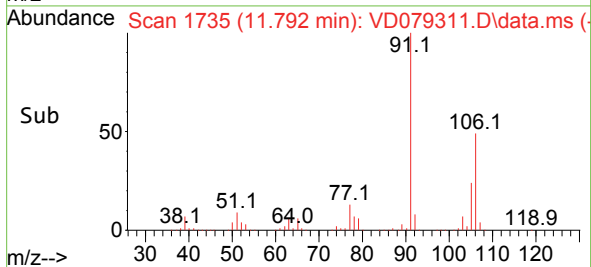
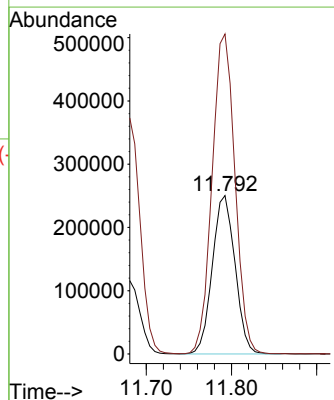
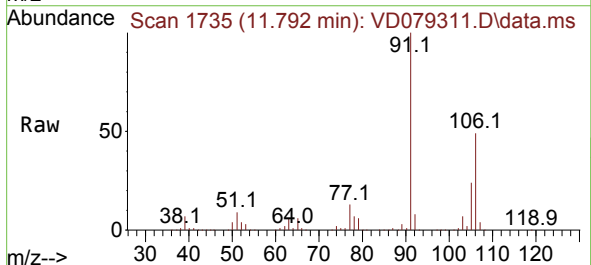
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

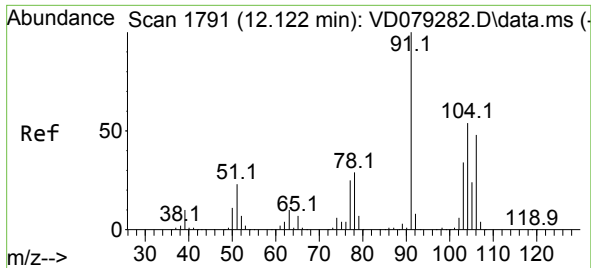
Tgt Ion: 91 Resp: 593626
Ion Ratio Lower Upper
91 100
106 31.1 25.8 38.6



#68
m/p-Xylenes
Concen: 115.928 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 106 Resp: 463316
Ion Ratio Lower Upper
106 100
91 203.7 148.5 222.7

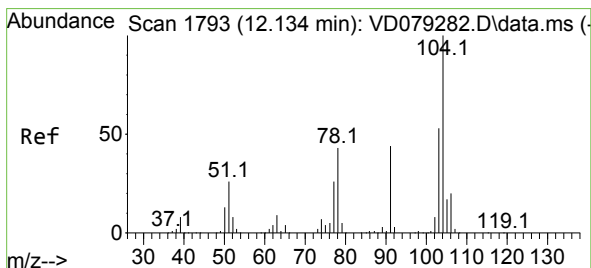
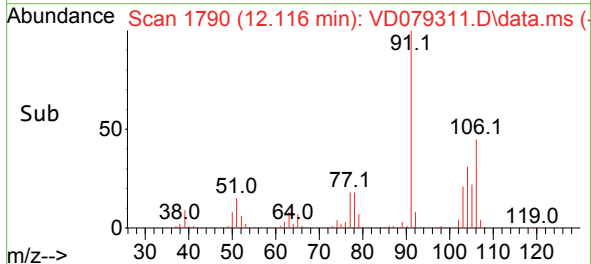
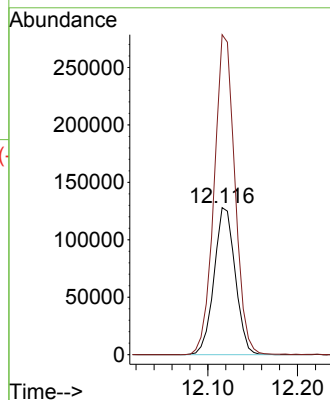
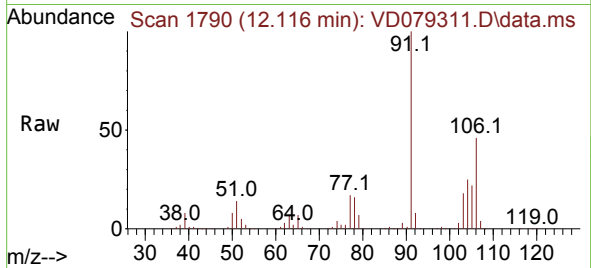




#69
o-Xylene
Concen: 58.429 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

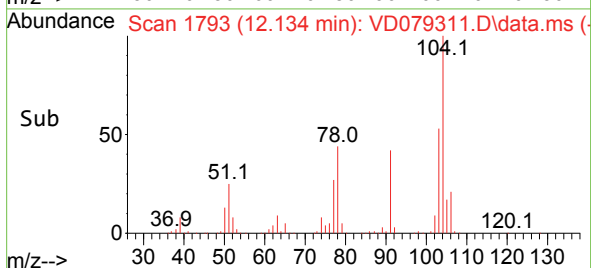
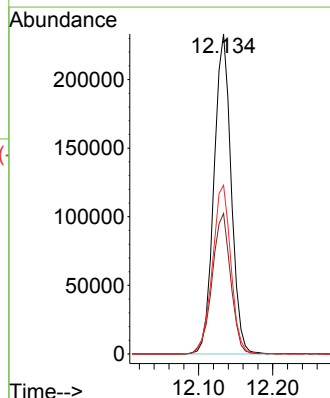
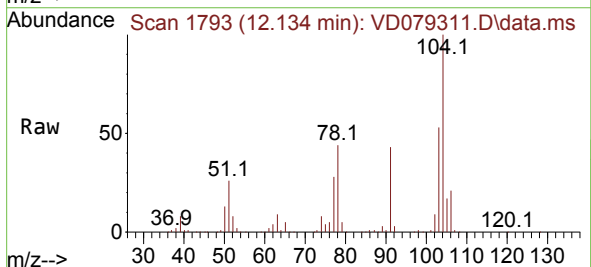
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

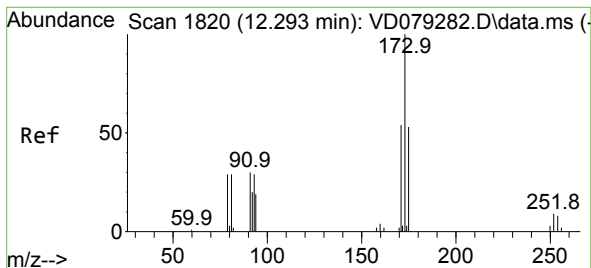
Tgt Ion:106 Resp: 209773
Ion Ratio Lower Upper
106 100
91 213.4 96.7 290.1



#70
Styrene
Concen: 58.604 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion:104 Resp: 375229
Ion Ratio Lower Upper
104 100
78 47.4 33.0 49.6
103 56.7 44.2 66.4





#71

Bromoform

Concen: 56.440 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

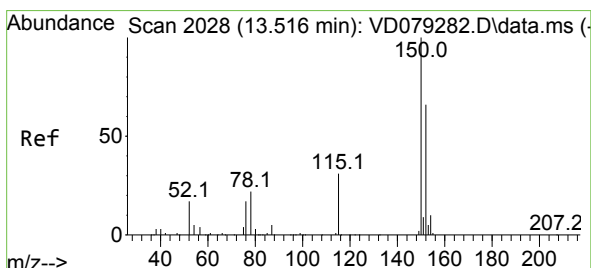
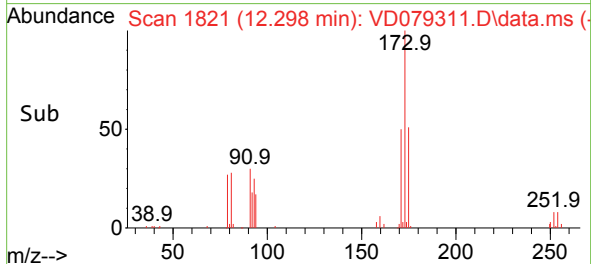
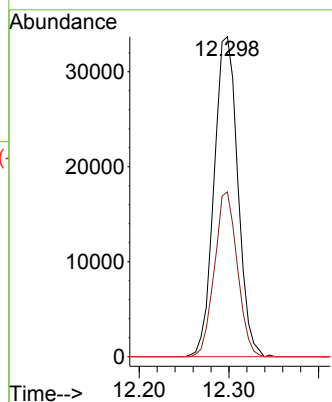
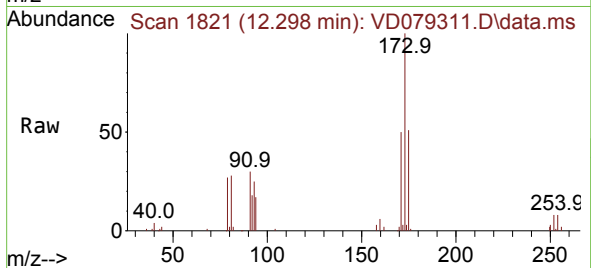
Tgt Ion:173 Resp: 61862

Ion Ratio Lower Upper

173 100

175 49.6 23.7 71.1

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: VD079311.D

Acq: 02 Jul 2024 08:49

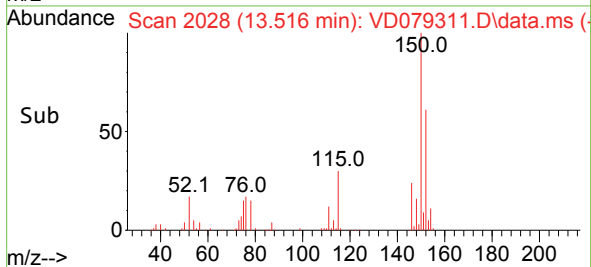
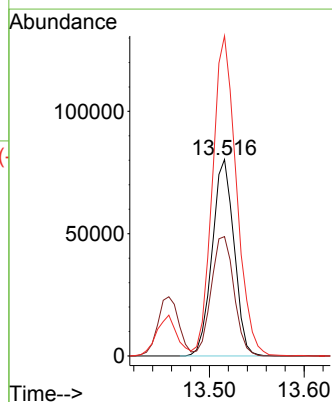
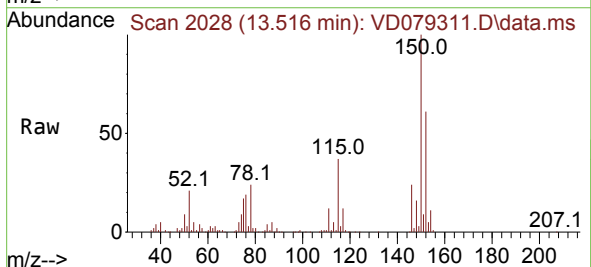
Tgt Ion:152 Resp: 128777

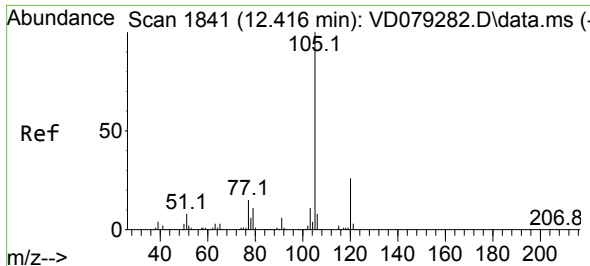
Ion Ratio Lower Upper

152 100

115 63.7 26.5 79.5

150 178.6 0.0 341.6

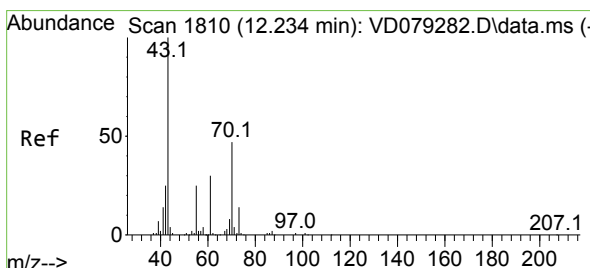
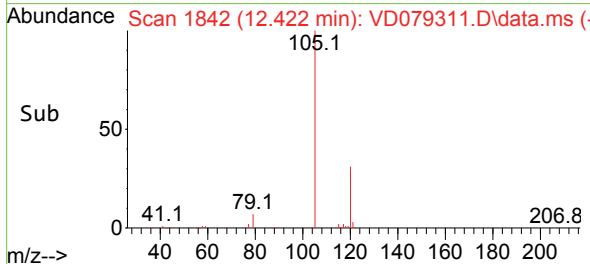
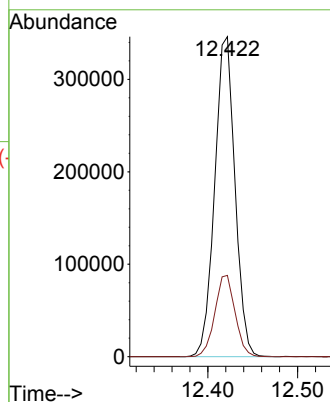
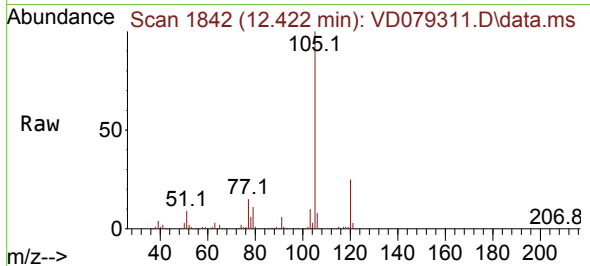




#73
Isopropylbenzene
Concen: 56.705 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

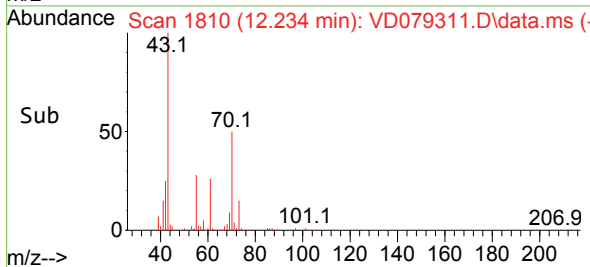
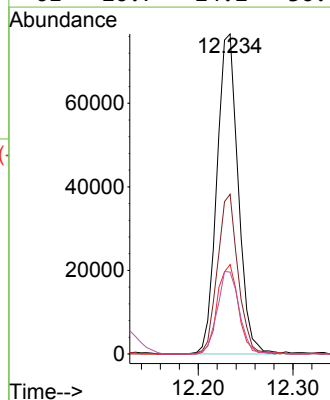
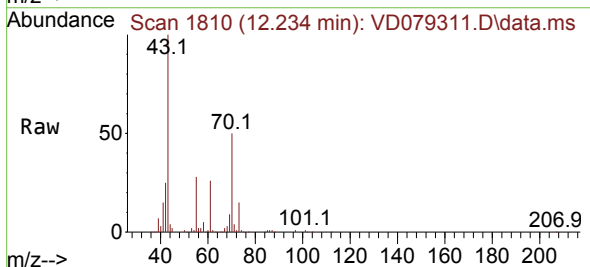
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

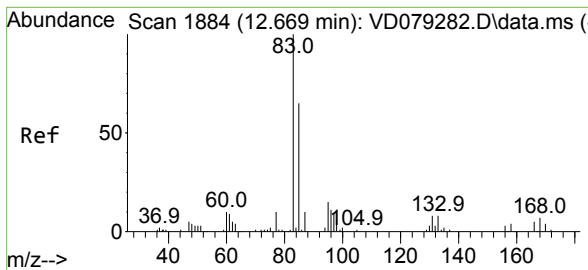
Tgt Ion:105 Resp: 542836
Ion Ratio Lower Upper
105 100
120 25.4 13.6 40.7



#74
N-ethyl acetate
Concen: 56.940 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 43 Resp: 119641
Ion Ratio Lower Upper
43 100
70 48.2 44.3 66.5
55 27.6 23.2 34.8
61 26.7 24.2 36.4

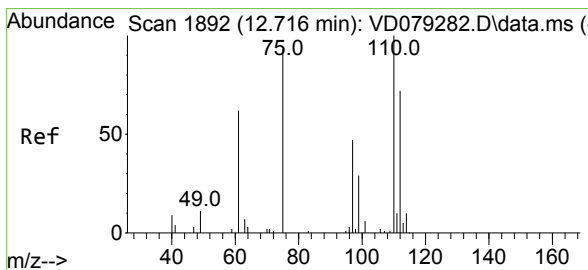
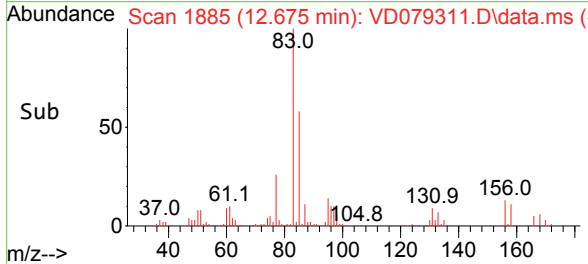
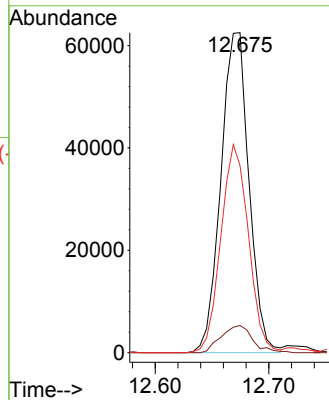
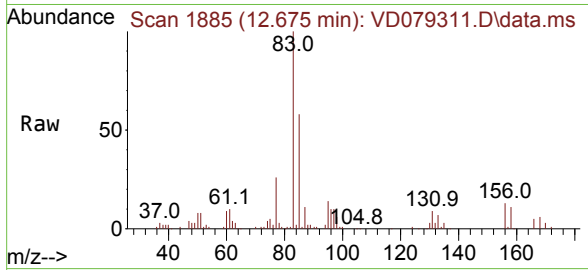




#75
1,1,2,2-Tetrachloroethane
Concen: 53.877 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

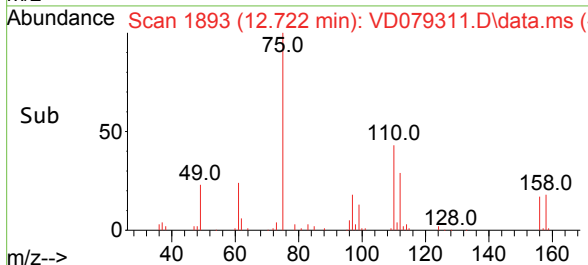
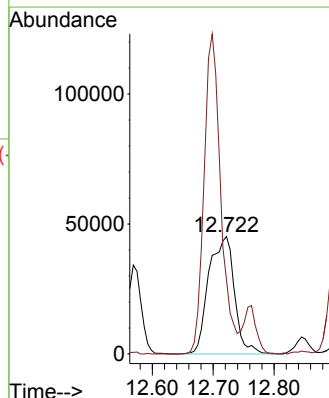
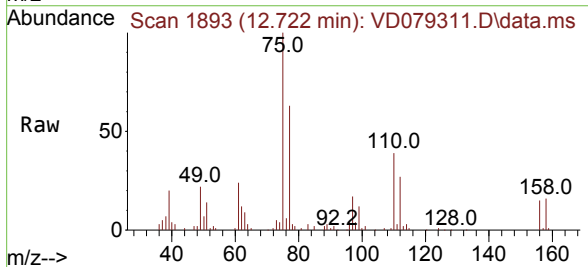
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

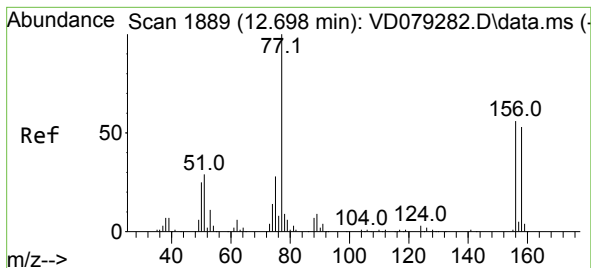
Tgt Ion: 83 Resp: 107517
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 63.7 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 102.426 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 75 Resp: 132001
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.483 ug/l

RT: 12.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

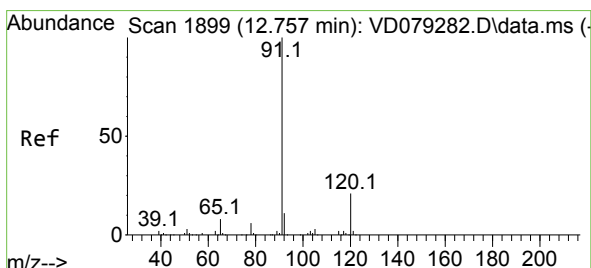
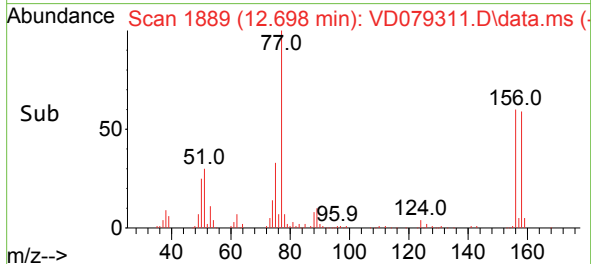
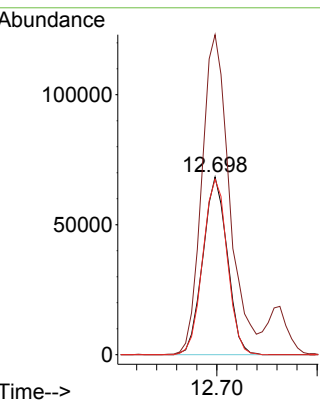
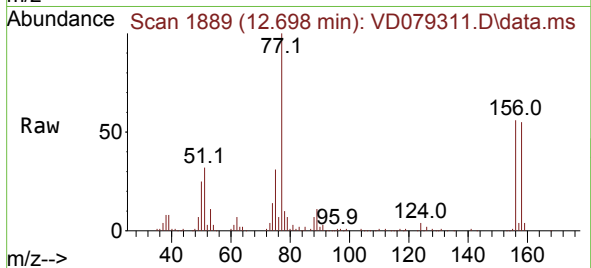
Tgt Ion:156 Resp: 115174

Ion Ratio Lower Upper

156 100

77 203.9 77.3 231.9

158 99.1 49.6 149.0



#78

n-propylbenzene

Concen: 56.361 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD079311.D

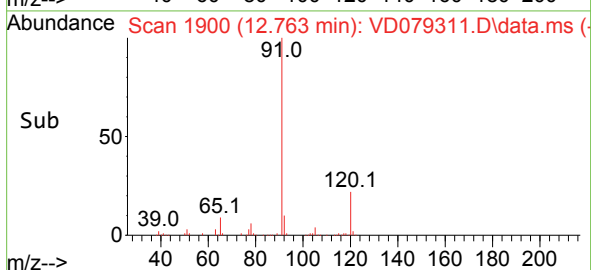
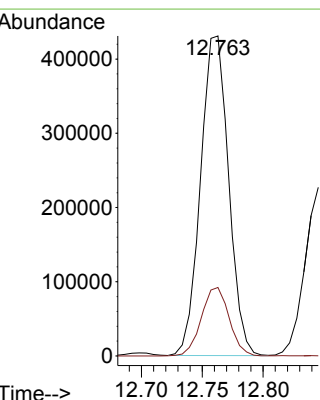
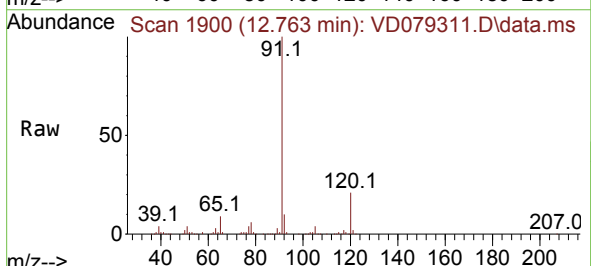
Acq: 02 Jul 2024 08:49

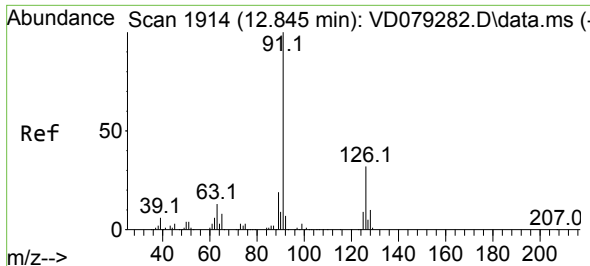
Tgt Ion: 91 Resp: 690737

Ion Ratio Lower Upper

91 100

120 21.3 12.3 36.8

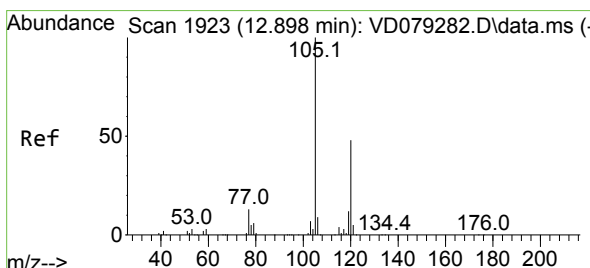
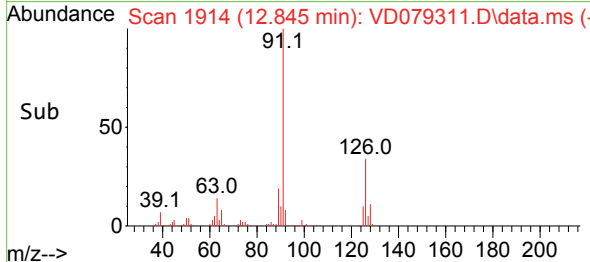
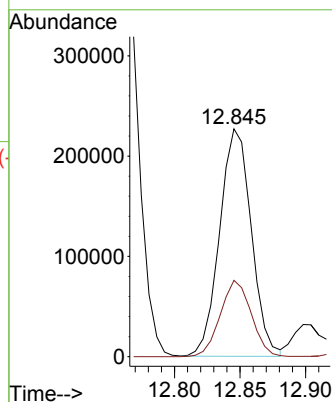
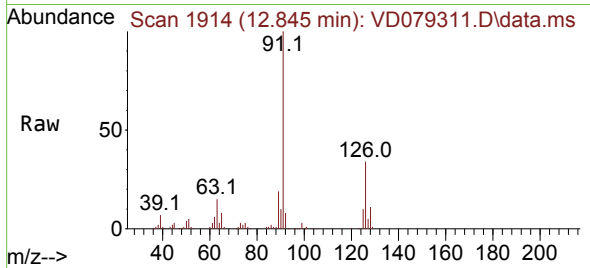




#79
2-Chlorotoluene
Concen: 55.651 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

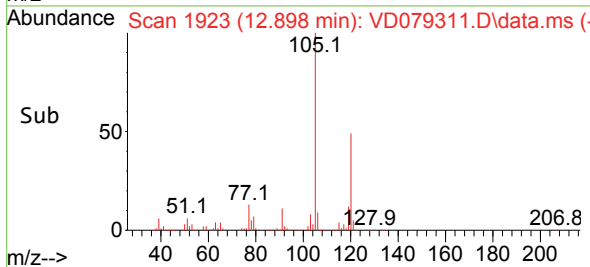
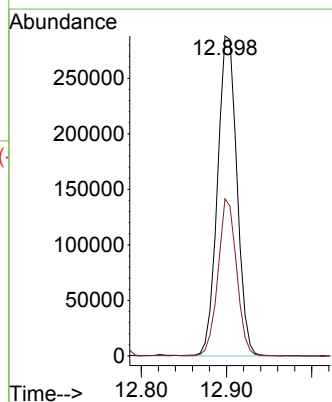
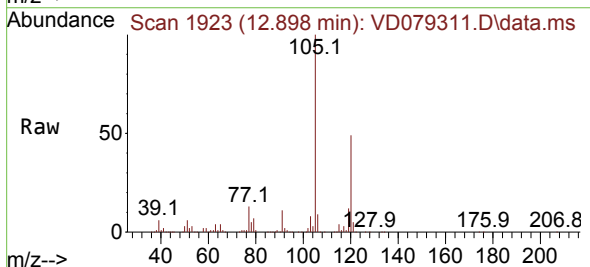
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

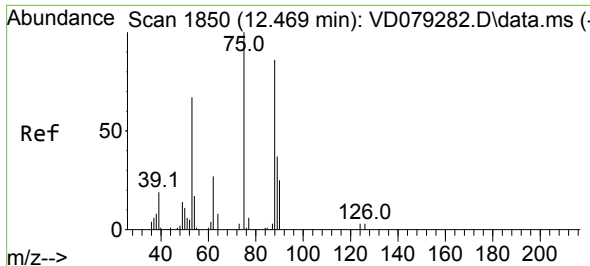
Tgt Ion: 91 Resp: 381298
Ion Ratio Lower Upper
91 100
126 32.8 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 56.541 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion: 105 Resp: 458270
Ion Ratio Lower Upper
105 100
120 47.0 25.7 77.1

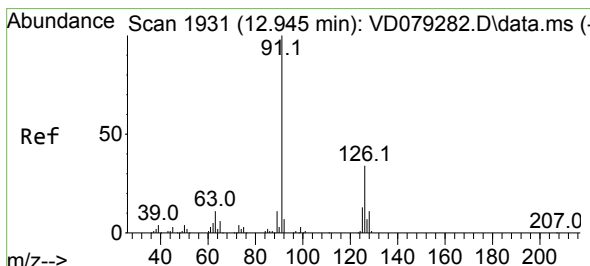
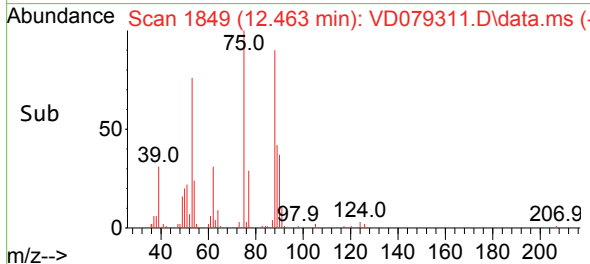
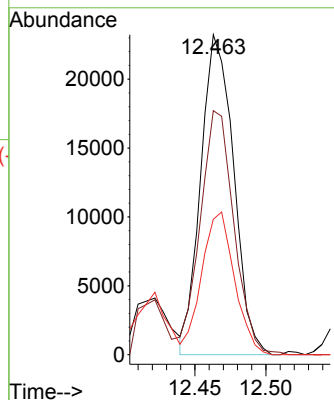
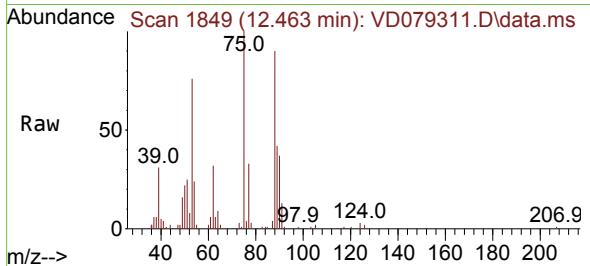




#81
trans-1,4-Dichloro-2-butene
Concen: 53.664 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

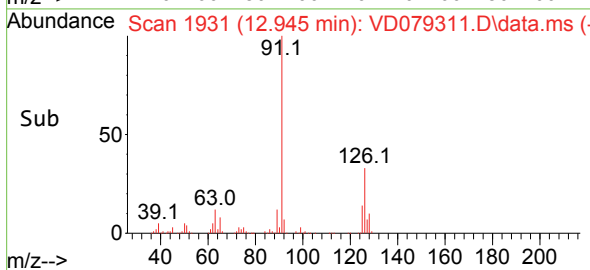
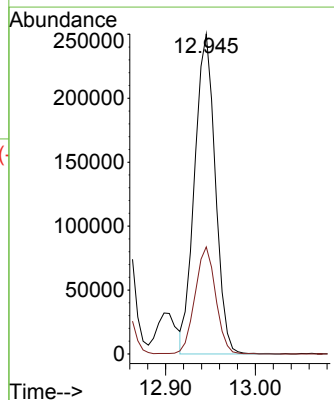
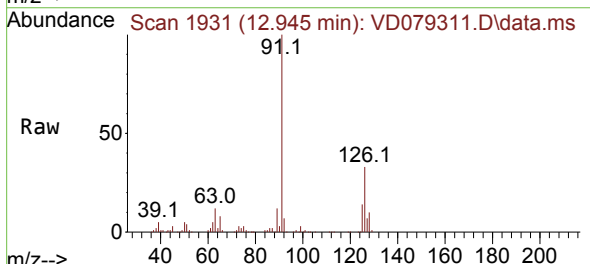
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

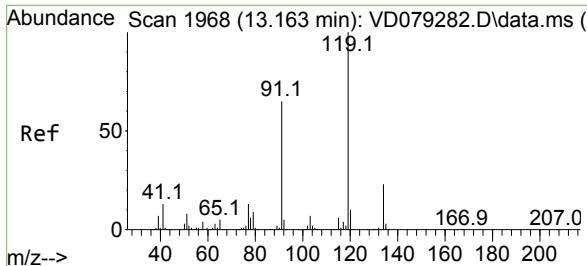
Tgt Ion:	75	Resp:	37270
Ion Ratio	Lower	Upper	
75	100		
53	79.1	61.4	92.2
89	44.7	35.4	53.0



#82
4-Chlorotoluene
Concen: 55.538 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion:	91	Resp:	399803
Ion Ratio	Lower	Upper	
91	100		
126	33.6	18.9	56.9

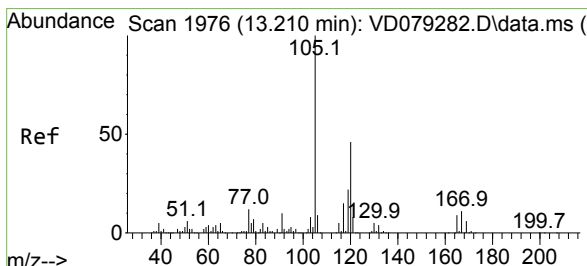
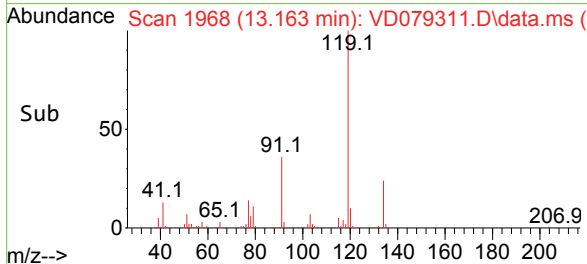
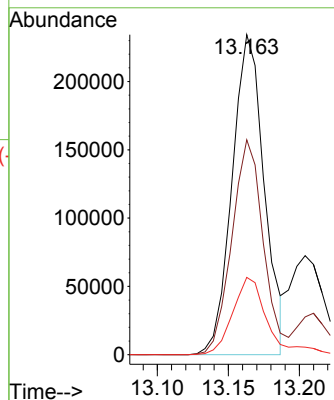
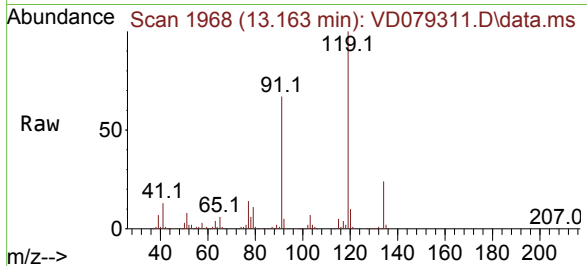




#83
tert-Butylbenzene
Concen: 56.226 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

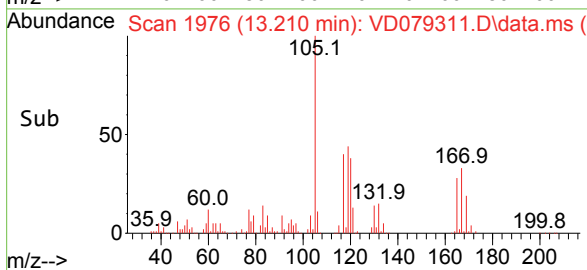
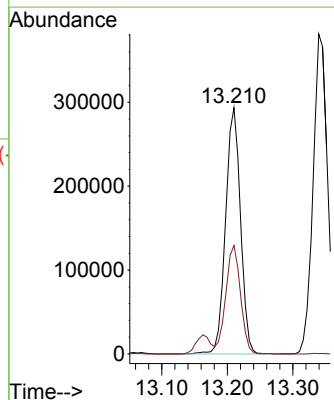
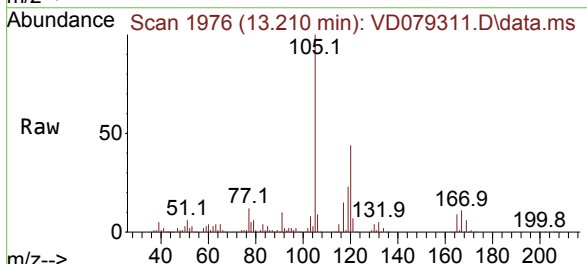
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

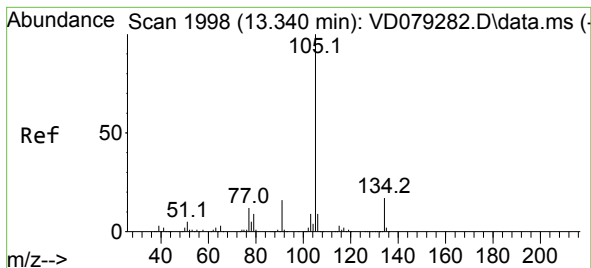
Tgt Ion:119 Resp: 369160
Ion Ratio Lower Upper
119 100
91 66.1 28.2 84.7
134 26.1 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 57.011 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion:105 Resp: 462504
Ion Ratio Lower Upper
105 100
120 43.4 23.6 71.0





#85

sec-Butylbenzene

Concen: 55.976 ug/l

RT: 13.339 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Instrument :

MSVOA_D

ClientSampleId :

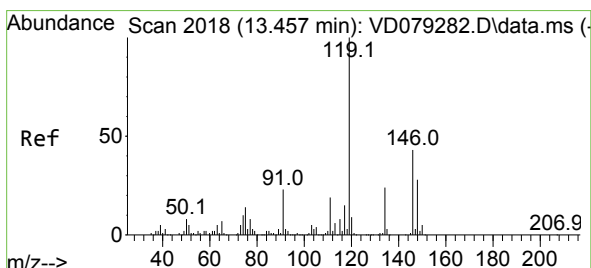
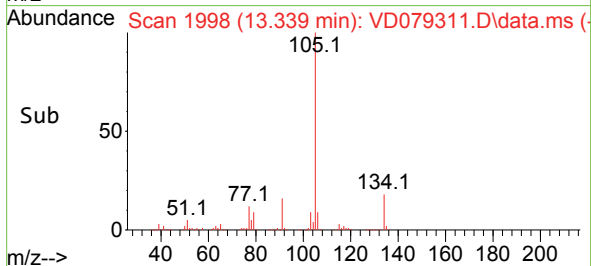
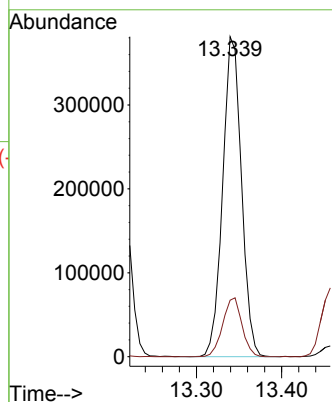
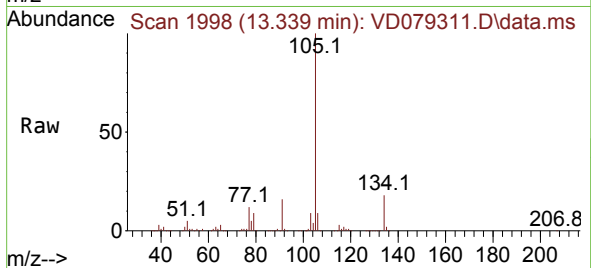
VSTDCCC050

Tgt Ion:105 Resp: 584767

Ion Ratio Lower Upper

105 100

134 18.8 10.3 30.8



#86

p-Isopropyltoluene

Concen: 56.068 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

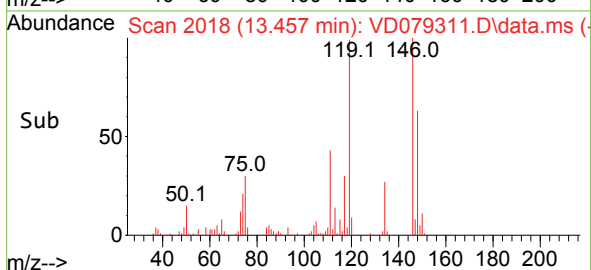
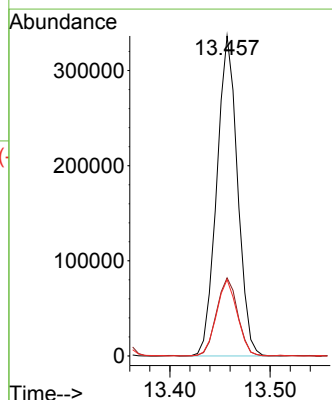
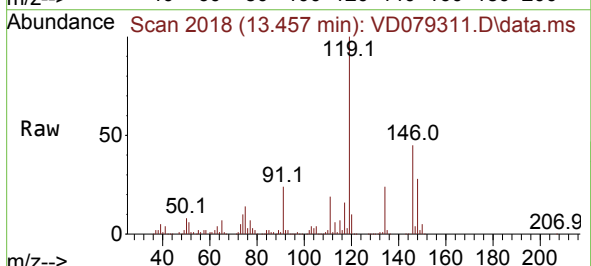
Tgt Ion:119 Resp: 483448

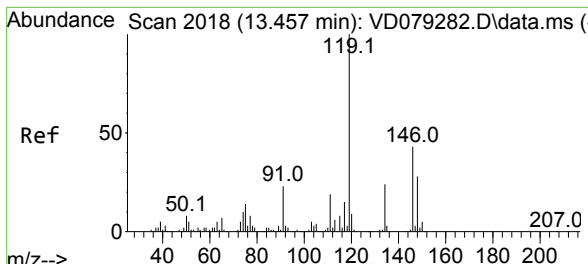
Ion Ratio Lower Upper

119 100

134 24.8 13.7 41.1

91 23.7 10.7 32.1

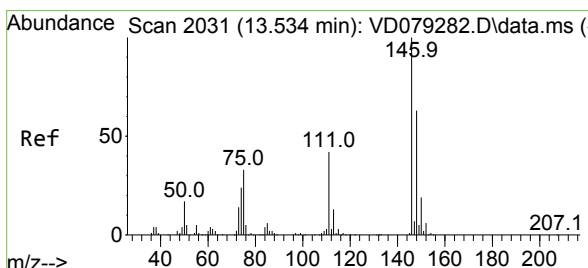
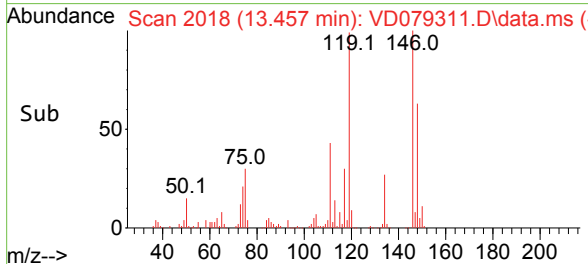
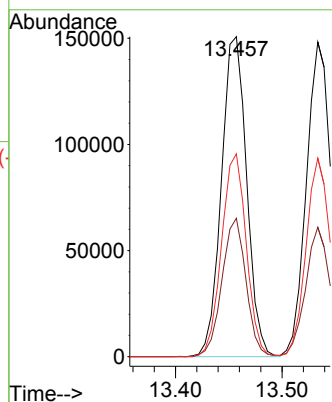
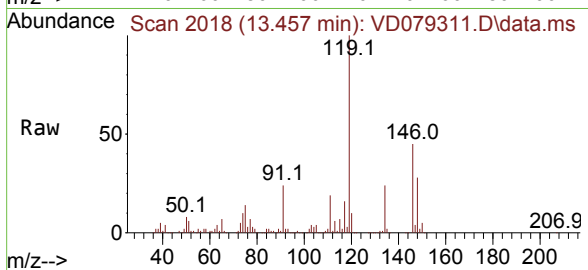




#87
 1,3-Dichlorobenzene
 Concen: 54.207 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079311.D
 Acq: 02 Jul 2024 08:49

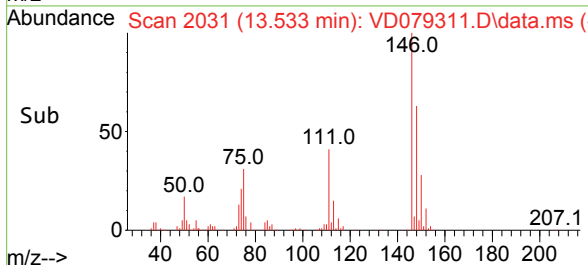
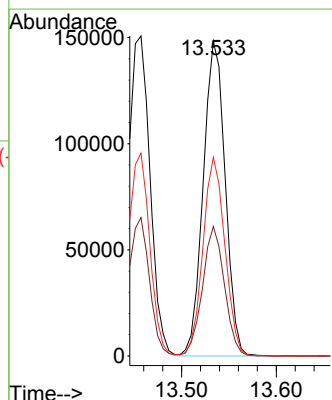
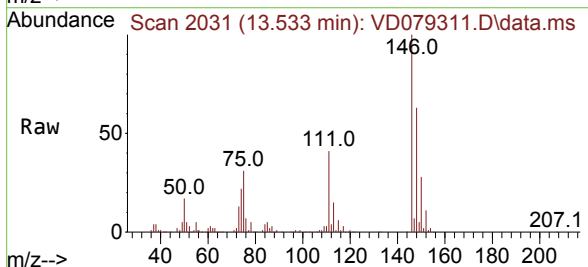
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

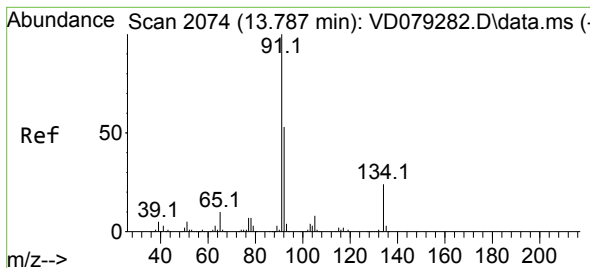
Tgt Ion:146 Resp: 248221
 Ion Ratio Lower Upper
 146 100
 111 41.2 18.5 55.5
 148 62.0 30.9 92.8



#88
 1,4-Dichlorobenzene
 Concen: 52.487 ug/l
 RT: 13.533 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD079311.D
 Acq: 02 Jul 2024 08:49

Tgt Ion:146 Resp: 238866
 Ion Ratio Lower Upper
 146 100
 111 41.1 17.5 52.6
 148 63.0 31.4 94.2





#89

n-Butylbenzene

Concen: 56.117 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

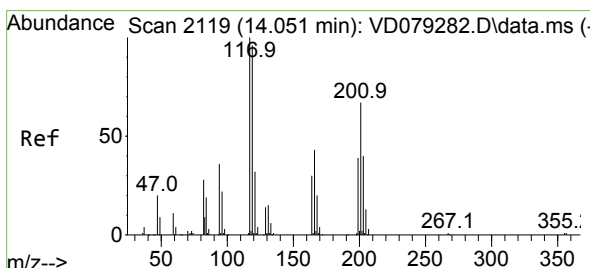
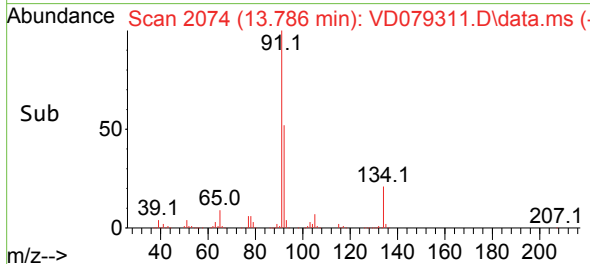
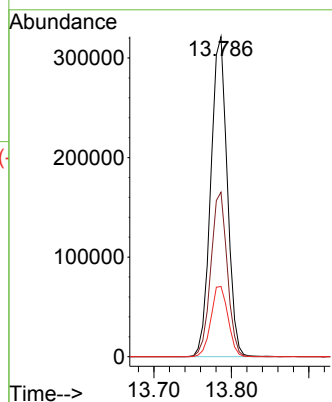
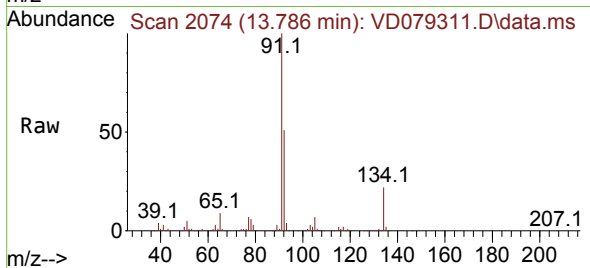
Tgt Ion: 91 Resp: 474813

Ion Ratio Lower Upper

91 100

92 51.2 25.7 77.0

134 22.7 13.6 40.8



#90

Hexachloroethane

Concen: 51.536 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD079311.D

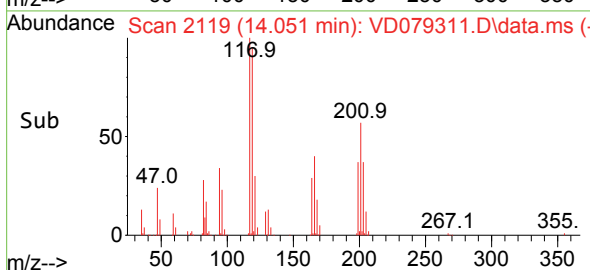
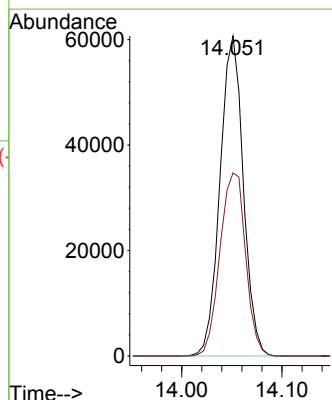
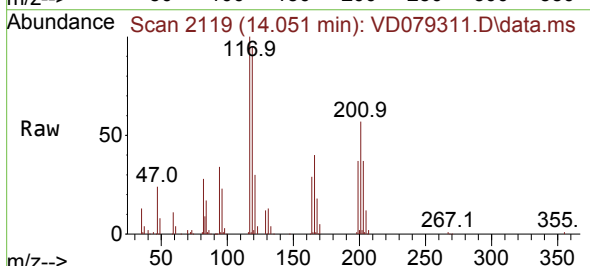
Acq: 02 Jul 2024 08:49

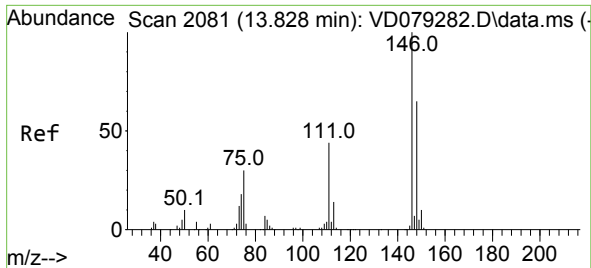
Tgt Ion: 117 Resp: 97741

Ion Ratio Lower Upper

117 100

201 63.0 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 54.004 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

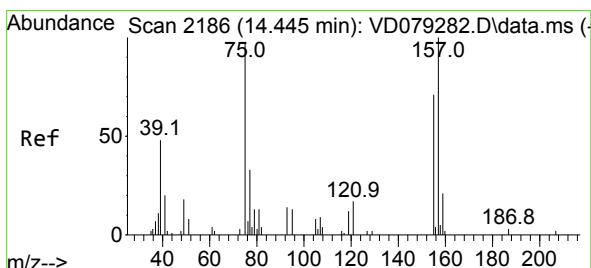
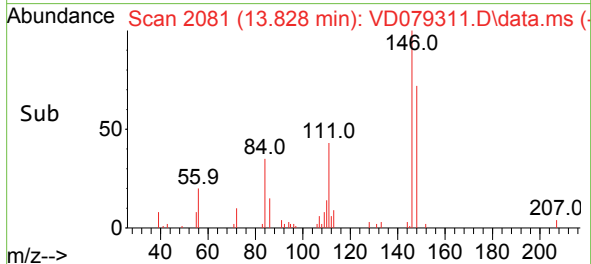
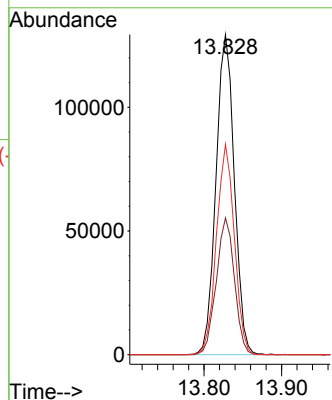
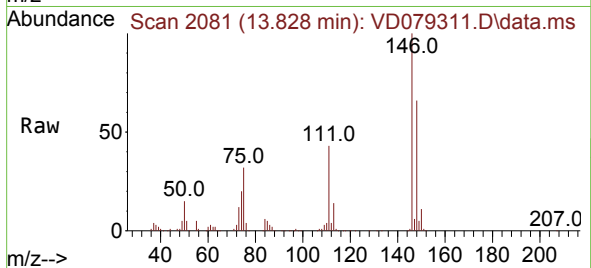
Tgt Ion:146 Resp: 212812

Ion Ratio Lower Upper

146 100

111 42.2 19.1 57.1

148 64.2 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.144 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

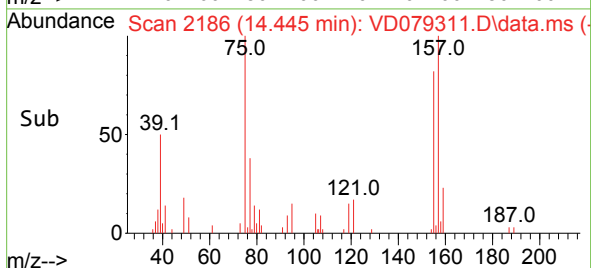
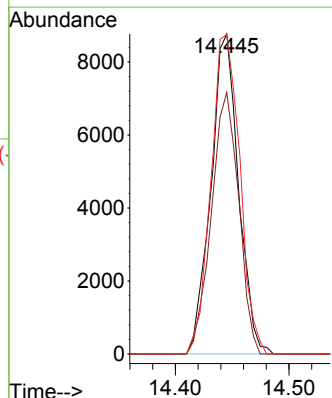
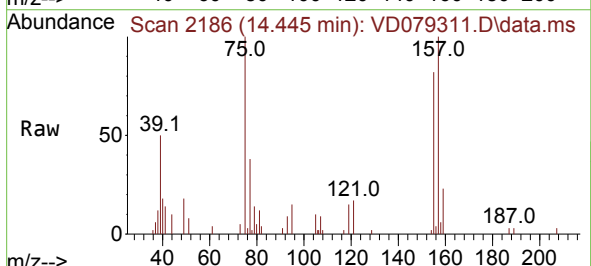
Tgt Ion: 75 Resp: 14813

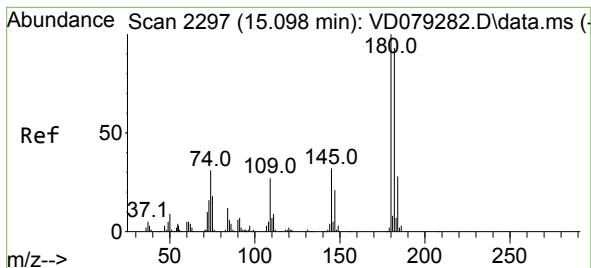
Ion Ratio Lower Upper

75 100

155 80.9 47.7 143.1

157 104.4 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 53.867 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

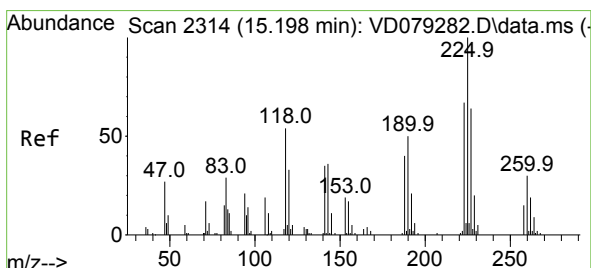
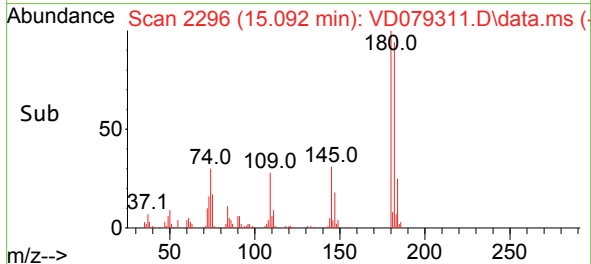
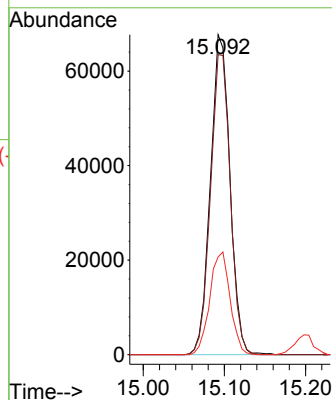
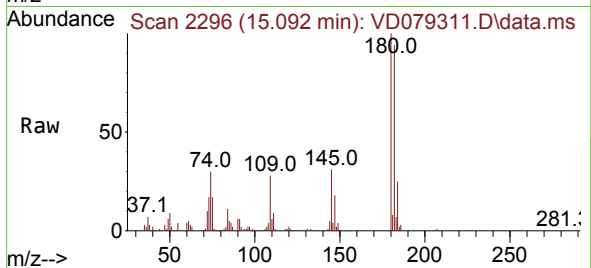
Tgt Ion:180 Resp: 113184

Ion Ratio Lower Upper

180 100

182 95.1 46.9 140.7

145 33.4 14.0 41.9



#94

Hexachlorobutadiene

Concen: 56.188 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079311.D

Acq: 02 Jul 2024 08:49

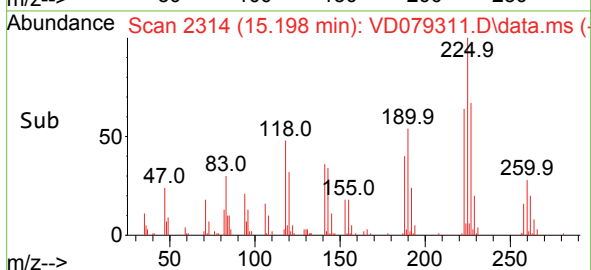
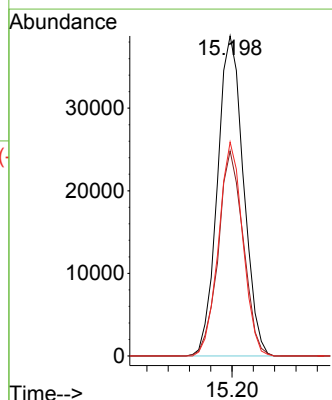
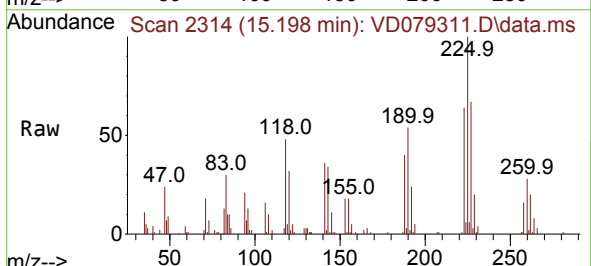
Tgt Ion:225 Resp: 65650

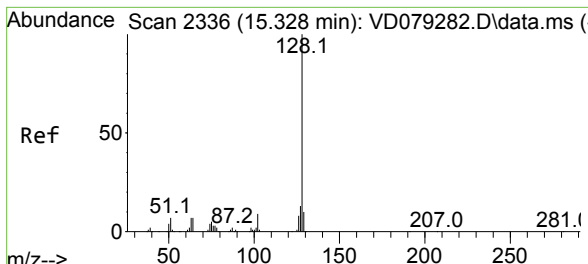
Ion Ratio Lower Upper

225 100

223 61.5 33.3 99.9

227 62.1 33.6 100.6

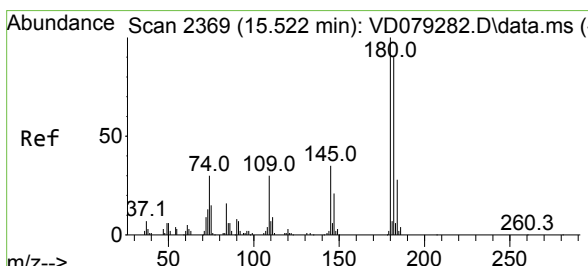
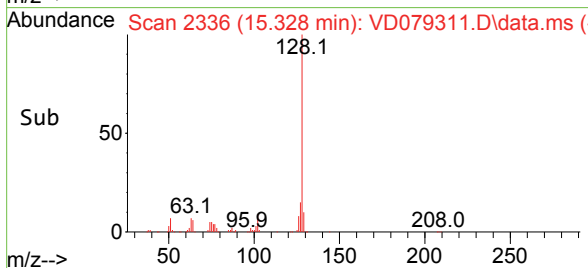
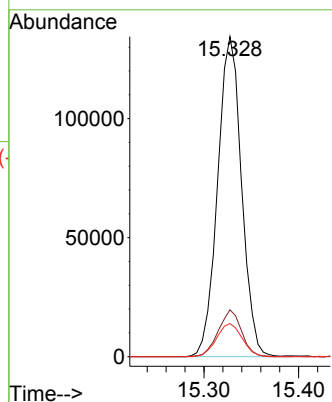
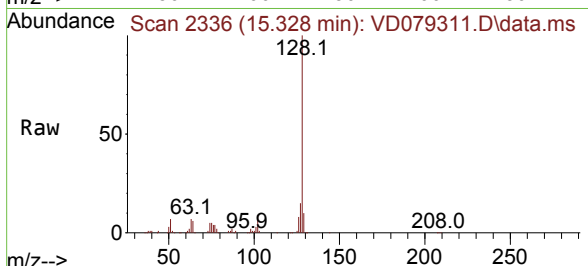




#95
Naphthalene
Concen: 57.577 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Instrument : MSVOA_D
ClientSampleId : VSTDCCC050

Tgt Ion:128	Resp: 236142		
Ion Ratio	Lower	Upper	
128 100			
127 14.7	10.2	15.4	
129 10.4	8.5	12.7	



#96
1,2,3-Trichlorobenzene
Concen: 54.848 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD079311.D
Acq: 02 Jul 2024 08:49

Tgt Ion:180	Resp: 101903
Ion Ratio	Lower Upper
180 100	
182 93.5	47.8 143.3
145 34.4	16.1 48.2

