

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062824\
 Data File : VD079283.D
 Acq On : 28 Jun 2024 15:21
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 29 06:08:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 05:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	186761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	329024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	306546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	172524	98.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 196.860%#	
35) Dibromofluoromethane	7.805	113	195133	90.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 180.700%#	
50) Toluene-d8	10.269	98	684642	88.119	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 176.240%#	
62) 4-Bromofluorobenzene	12.569	95	250847	100.684	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 201.360%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.929	85	195182	92.465	ug/l	98
3) Chloromethane	2.146	50	289957	90.589	ug/l	98
4) Vinyl Chloride	2.276	62	320300	89.741	ug/l	98
5) Bromomethane	2.670	94	264036	98.235	ug/l	99
6) Chloroethane	2.823	64	231337	91.371	ug/l	99
7) Trichlorofluoromethane	3.164	101	369574	90.524	ug/l	97
8) Diethyl Ether	3.587	74	119887	99.836	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.958	101	234959	92.632	ug/l	92
10) Methyl Iodide	4.158	142	286585	103.724	ug/l	97
11) Tert butyl alcohol	5.058	59	60947	487.711	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	239640	97.599	ug/l	87
13) Acrolein	3.793	56	119136	482.049	ug/l	99
14) Allyl chloride	4.558	41	312224	99.640	ug/l	87
15) Acrylonitrile	5.246	53	271573	496.175	ug/l	99
16) Acetone	4.017	43	244106	550.709	ug/l	99
17) Carbon Disulfide	4.264	76	821090	95.193	ug/l	99
18) Methyl Acetate	4.558	43	123631	96.005	ug/l #	87
19) Methyl tert-butyl Ether	5.317	73	523087	103.979	ug/l	98
20) Methylene Chloride	4.799	84	290533	100.860	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	264419	95.836	ug/l #	85
22) Diisopropyl ether	6.217	45	681240	99.920	ug/l	94
23) Vinyl Acetate	6.152	43	2733123	529.593	ug/l	94
24) 1,1-Dichloroethane	6.111	63	451654	94.488	ug/l	96
25) 2-Butanone	7.081	43	330331	534.930	ug/l	98
26) 2,2-Dichloropropane	7.069	77	365494	96.854	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	306046	101.251	ug/l	87
28) Bromochloromethane	7.422	49	186128	93.389	ug/l #	72
29) Tetrahydrofuran	7.446	42	200324	522.198	ug/l	86
30) Chloroform	7.593	83	462376	93.771	ug/l	99
31) Cyclohexane	7.875	56	376194	94.758	ug/l	83
32) 1,1,1-Trichloroethane	7.793	97	382408	94.488	ug/l	98
36) 1,1-Dichloropropene	8.005	75	344370	102.631	ug/l	95
37) Ethyl Acetate	7.169	43	138933	108.776	ug/l	97
38) Carbon Tetrachloride	7.987	117	336655	98.798	ug/l	95
39) Methylcyclohexane	9.269	83	437215	110.753	ug/l	91
40) Benzene	8.246	78	1069239	102.138	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	79178	112.779	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	248434	98.674	ug/l	96
43) Isopropyl Acetate	8.358	43	254655	103.309	ug/l	96
44) Trichloroethene	9.028	130	233007	97.440	ug/l	81
45) 1,2-Dichloropropane	9.299	63	252702	99.140	ug/l	96
46) Dibromomethane	9.393	93	142028	98.245	ug/l	89
47) Bromodichloromethane	9.581	83	350133	98.972	ug/l	95
48) Methyl methacrylate	9.381	41	121090	108.872	ug/l	87
49) 1,4-Dioxane	9.381	88	30677	2070.826	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	691886	539.368	ug/l	98
52) Toluene	10.334	92	669300	105.019	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	333359	104.343	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	394424	102.893	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	184880	99.153	ug/l	94
56) Ethyl methacrylate	10.593	69	256797	98.651	ug/l	95
57) 1,3-Dichloropropane	10.875	76	321275	100.779	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	570104	480.191	ug/l	89
59) 2-Hexanone	10.916	43	508796	558.531	ug/l	100
60) Dibromochloromethane	11.069	129	232280	98.689	ug/l	97
61) 1,2-Dibromoethane	11.175	107	174925	102.329	ug/l	97
64) Tetrachloroethene	10.805	164	195048	102.122	ug/l	89
65) Chlorobenzene	11.604	112	688024	100.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	230503	99.322	ug/l	96
67) Ethyl Benzene	11.681	91	1296620	108.979	ug/l	95
68) m/p-Xylenes	11.793	106	985990	214.850	ug/l	88
69) o-Xylene	12.116	106	454935	110.351	ug/l	84
70) Styrene	12.134	104	800686	108.904	ug/l	95
71) Bromoform	12.293	173	124323	98.780	ug/l #	98
73) Isopropylbenzene	12.416	105	1175141	108.012	ug/l	97
74) N-amyl acetate	12.234	43	252926	105.916	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	218216	96.216	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	271669	187.140	ug/l #	100
77) Bromobenzene	12.699	156	248745	101.637	ug/l	79
78) n-propylbenzene	12.763	91	1469659	105.515	ug/l	94
79) 2-Chlorotoluene	12.846	91	817743	105.016	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	978962	106.277	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	83752	106.109	ug/l	93
82) 4-Chlorotoluene	12.946	91	839635	102.629	ug/l	92
83) tert-Butylbenzene	13.163	119	818711	109.721	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	1002799	108.764	ug/l	95
85) sec-Butylbenzene	13.340	105	1275417	107.425	ug/l	95
86) p-Isopropyltoluene	13.457	119	1078033	110.009	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	525472	100.972	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	505602	97.755	ug/l	96
89) n-Butylbenzene	13.787	91	1050580	109.254	ug/l	96
90) Hexachloroethane	14.051	117	211097	97.937	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	445265	99.422	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	30223	97.202	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	256031	107.217	ug/l	97
94) Hexachlorobutadiene	15.198	225	134485	101.278	ug/l	97
95) Naphthalene	15.328	128	566399	121.516	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	227497	107.741	ug/l	99

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Response via : Initial Calibration

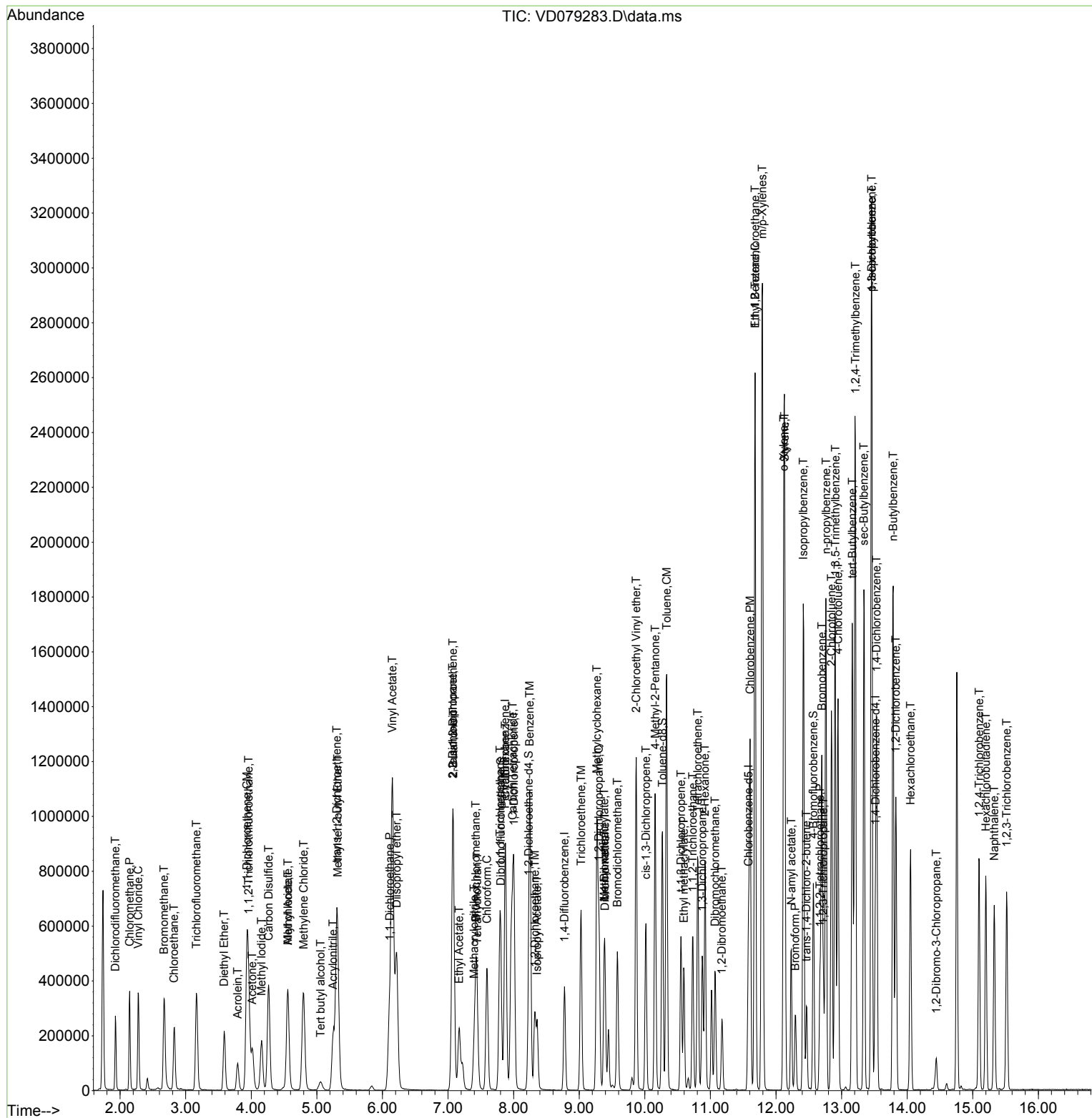
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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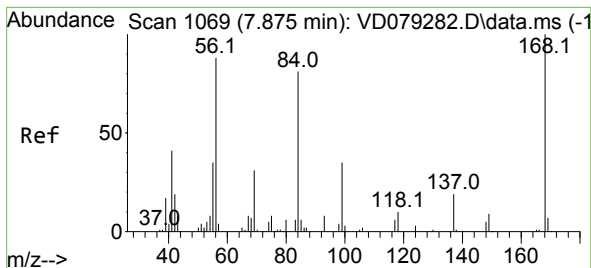
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD079283.D

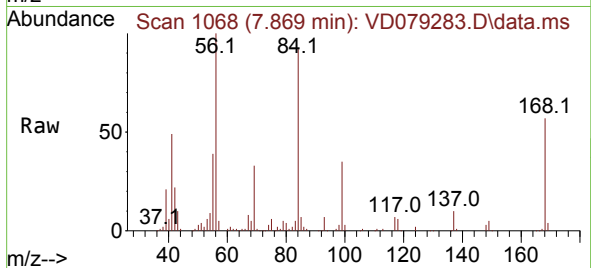
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Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

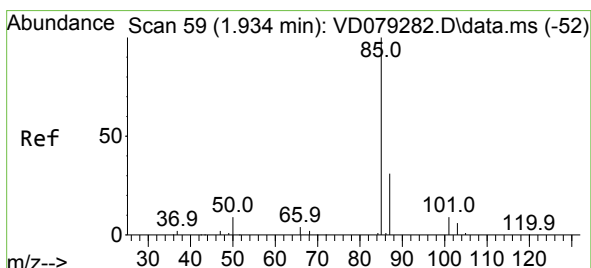
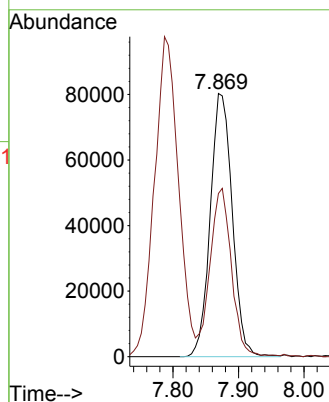
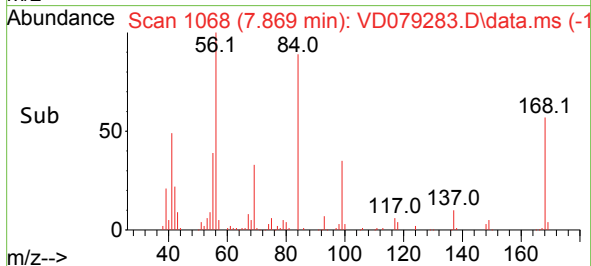


Tgt Ion:168 Resp: 186761

Ion Ratio Lower Upper

168 100

99 61.6 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 92.465 ug/l

RT: 1.929 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD079283.D

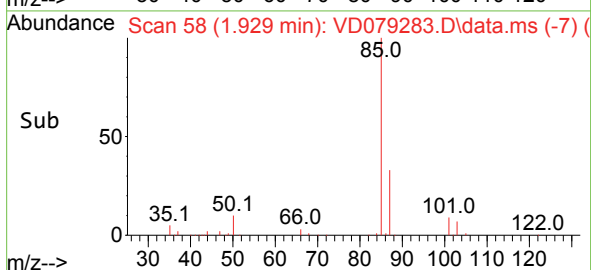
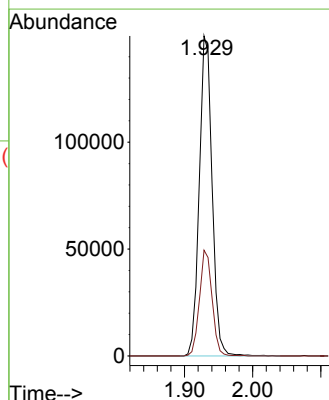
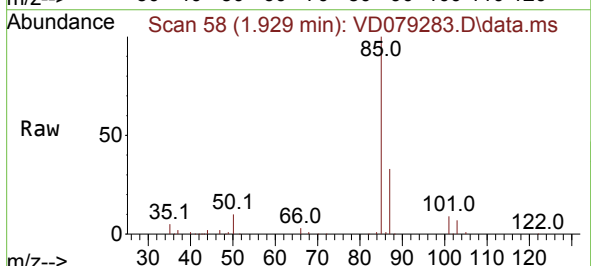
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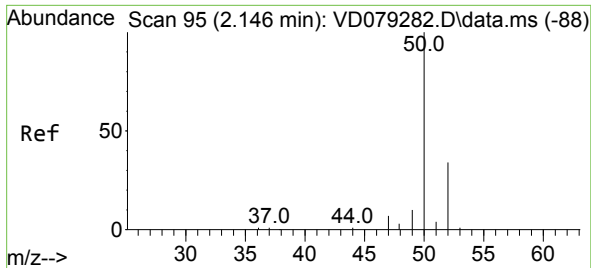
Tgt Ion: 85 Resp: 195182

Ion Ratio Lower Upper

85 100

87 33.1 16.0 48.0

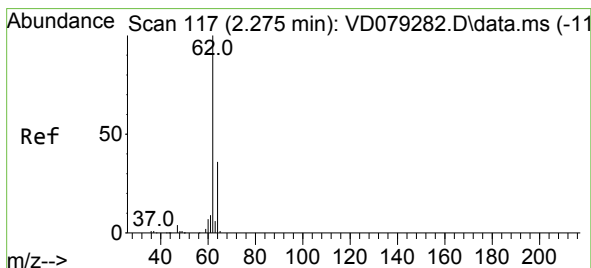
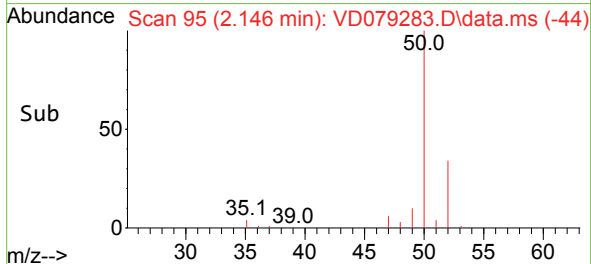
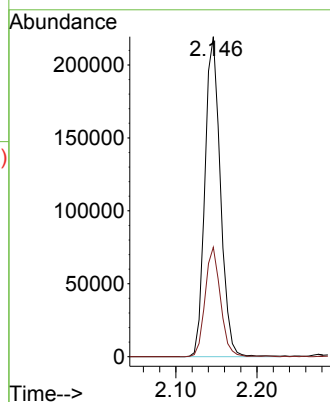
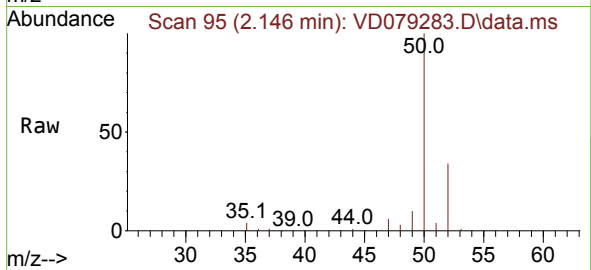




#3
 Chloromethane
 Concen: 90.589 ug/l
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079283.D
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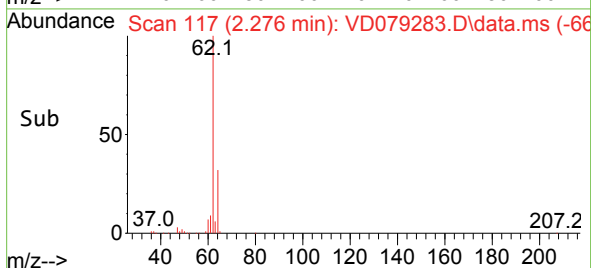
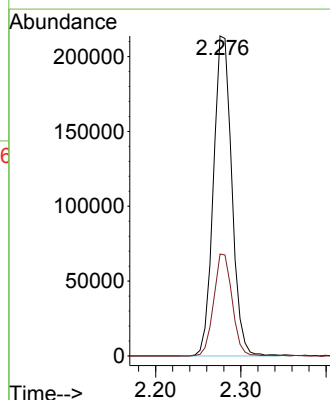
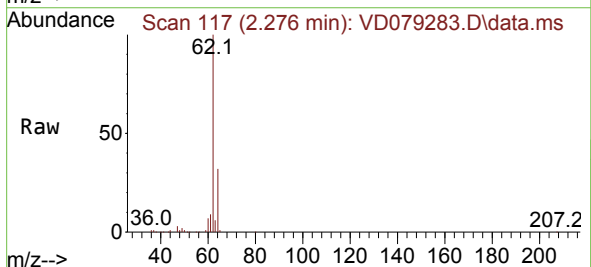
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 VSTDIC100

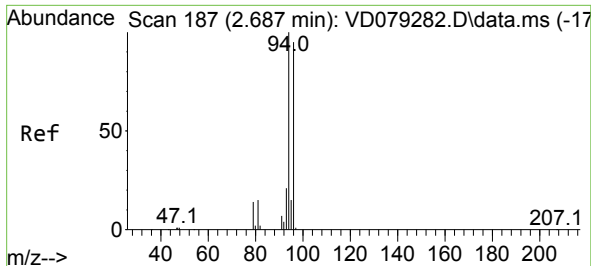
Tgt Ion: 50 Resp: 289957
 Ion Ratio Lower Upper
 50 100
 52 34.2 28.2 42.2



#4
 Vinyl Chloride
 Concen: 89.741 ug/l
 RT: 2.276 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: VD079283.D
 Acq: 28 Jun 2024 15:21

Tgt Ion: 62 Resp: 320300
 Ion Ratio Lower Upper
 62 100
 64 31.9 26.3 39.5

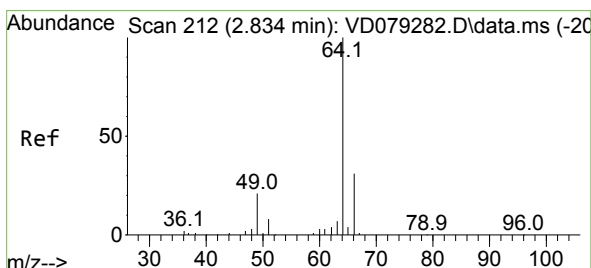
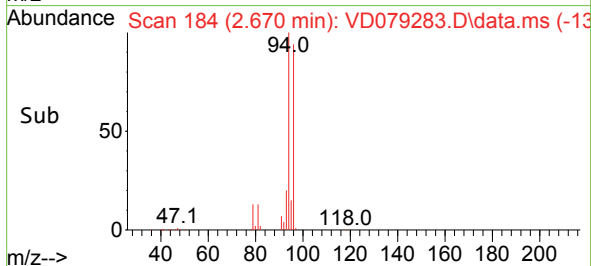
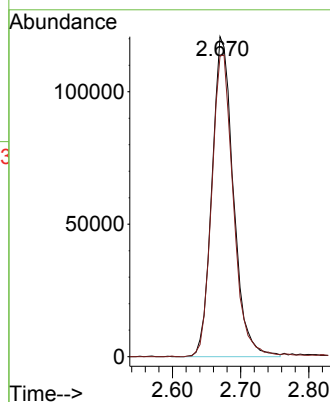
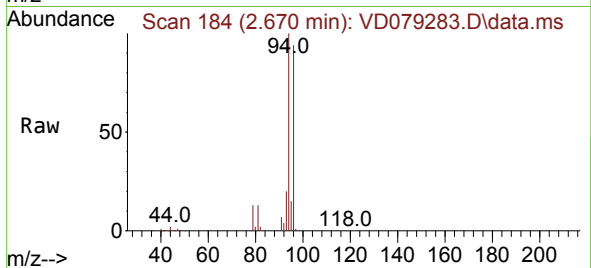




#5
Bromomethane
Concen: 98.235 ug/l
RT: 2.670 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD079283.D
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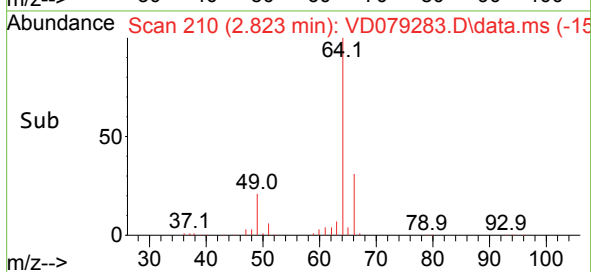
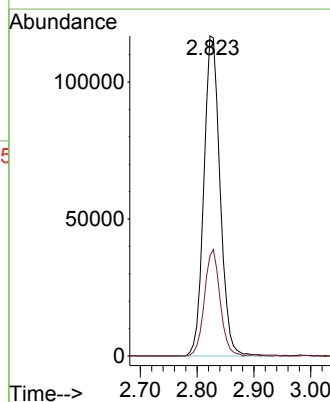
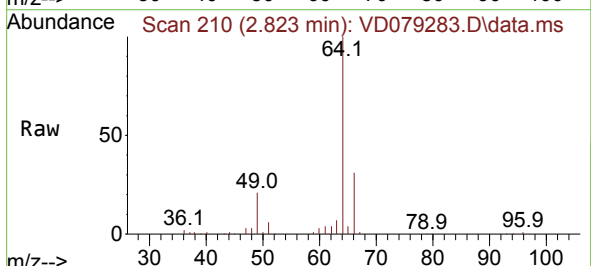
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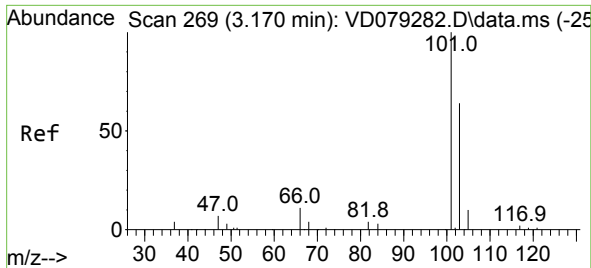
Tgt Ion: 94 Resp: 264036
Ion Ratio Lower Upper
94 100
96 95.1 76.9 115.3



#6
Chloroethane
Concen: 91.371 ug/l
RT: 2.823 min Scan# 210
Delta R.T. 0.000 min
Lab File: VD079283.D
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Tgt Ion: 64 Resp: 231337
Ion Ratio Lower Upper
64 100
66 31.3 24.5 36.7

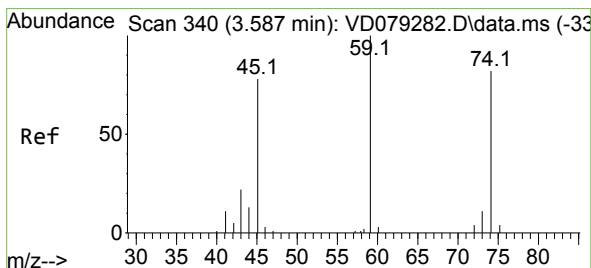
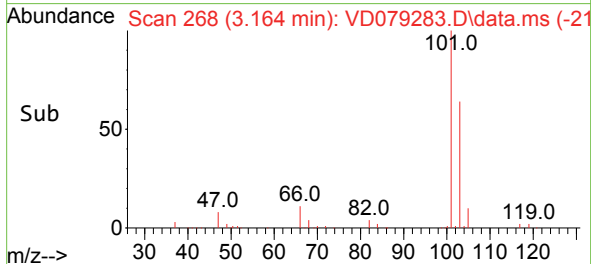
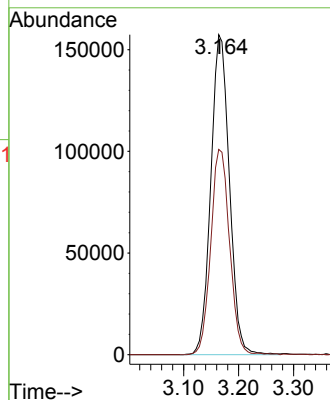
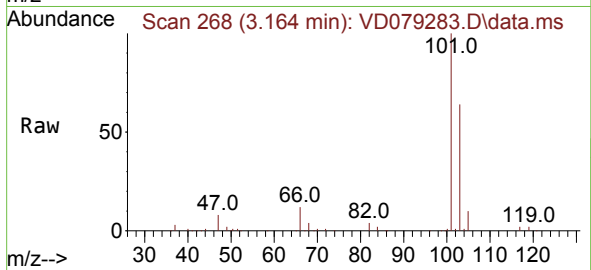




#7
 Trichlorofluoromethane
 Concen: 90.524 ug/l
 RT: 3.164 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD079283.D
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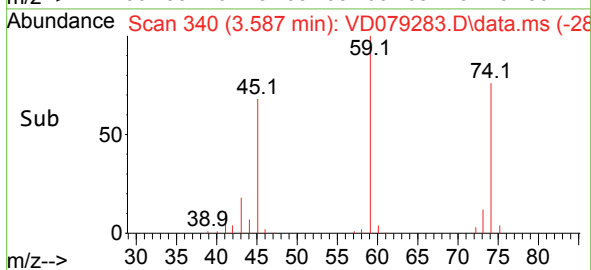
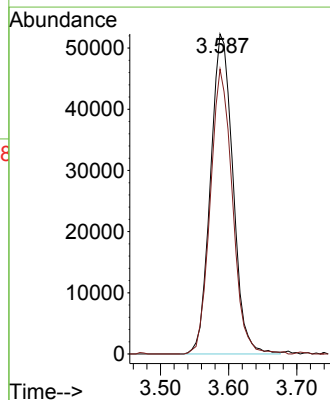
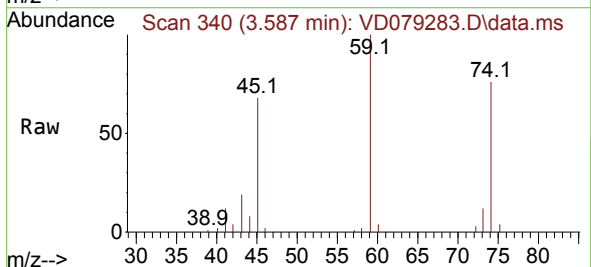
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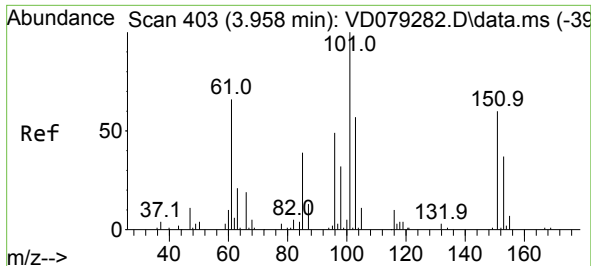
Tgt Ion:101 Resp: 369574
 Ion Ratio Lower Upper
 101 100
 103 64.2 53.2 79.8



#8
 Diethyl Ether
 Concen: 99.836 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 119887
 Ion Ratio Lower Upper
 74 100
 45 87.6 37.9 113.6

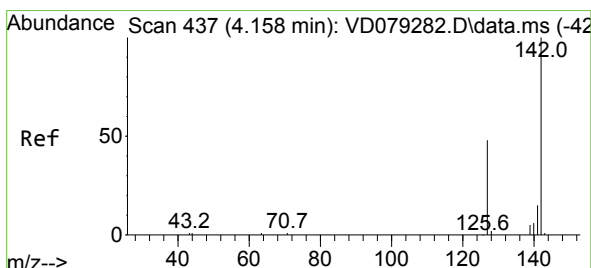
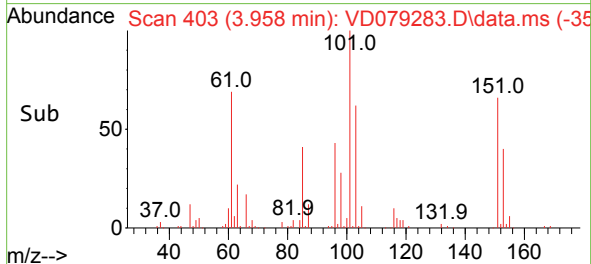
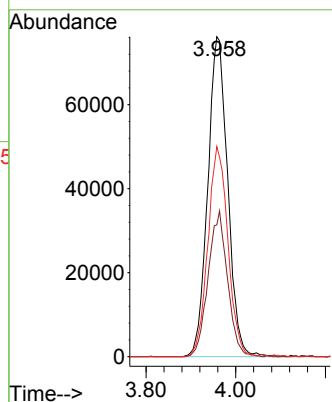
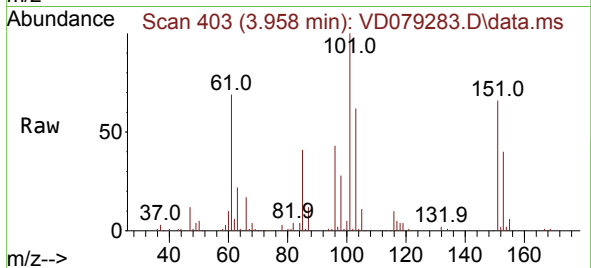




#9
1,1,2-Trichlorotrifluoroethane
Concen: 92.632 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

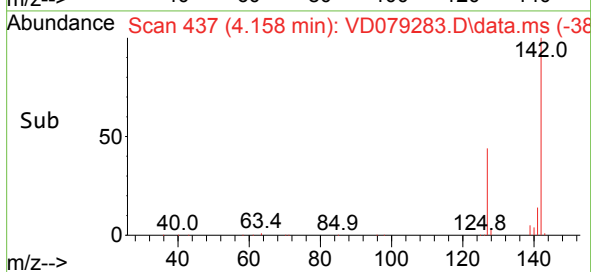
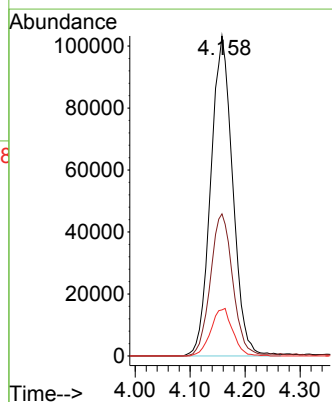
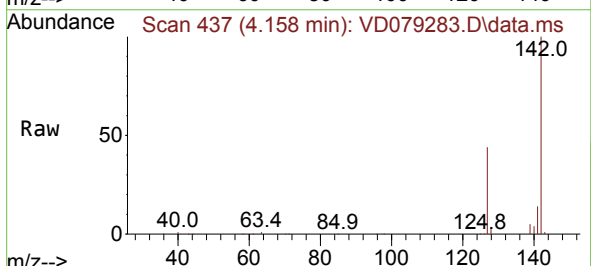
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

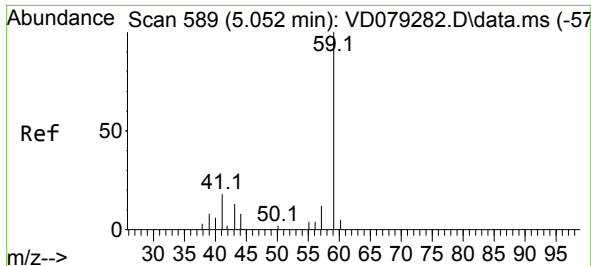
Tgt Ion:101 Resp: 234959
Ion Ratio Lower Upper
101 100
85 44.2 33.5 50.3
151 65.9 60.3 90.5



#10
Methyl Iodide
Concen: 103.724 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion:142 Resp: 286585
Ion Ratio Lower Upper
142 100
127 45.1 34.2 51.4
141 14.8 11.7 17.5

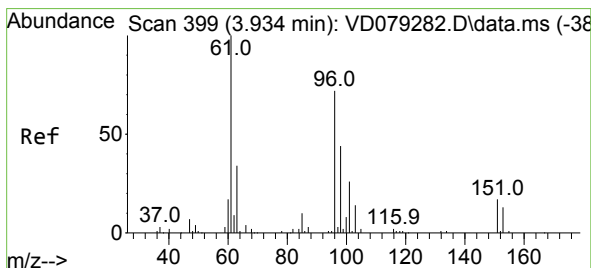
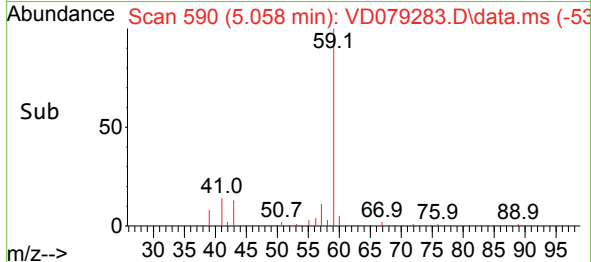
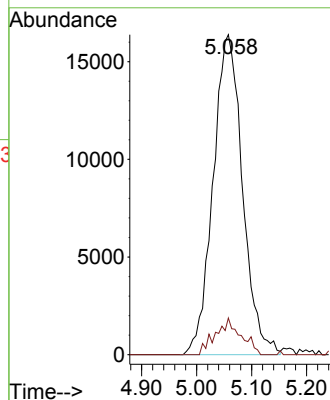
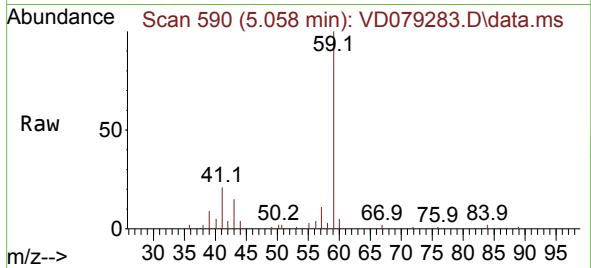




#11
Tert butyl alcohol
Concen: 487.711 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

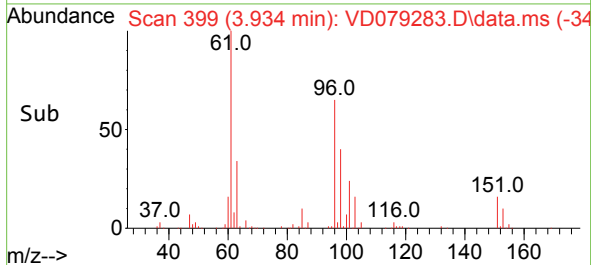
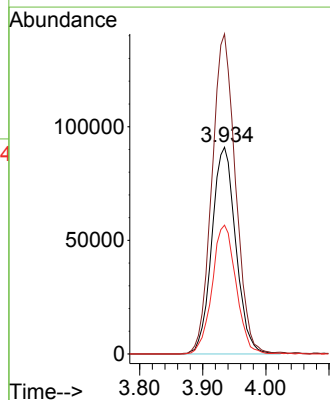
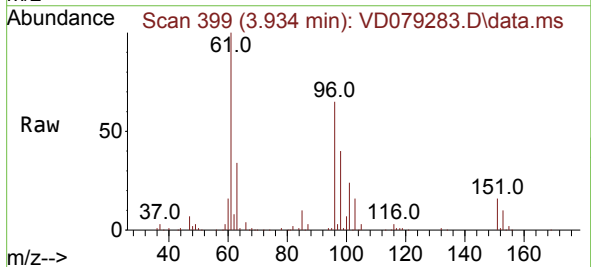
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

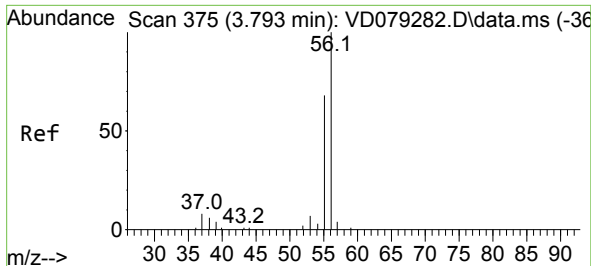
Tgt Ion: 59 Resp: 60947
Ion Ratio Lower Upper
59 100
57 9.8 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 97.599 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 96 Resp: 239640
Ion Ratio Lower Upper
96 100
61 154.8 107.3 160.9
98 62.3 51.7 77.5





#13

Acrolein

Concen: 482.049 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

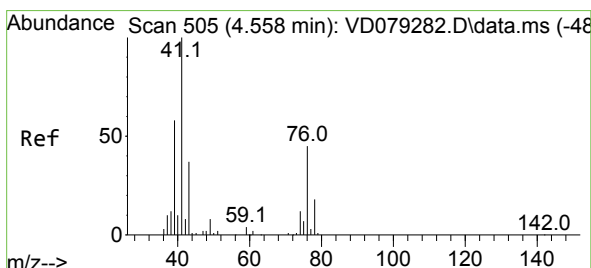
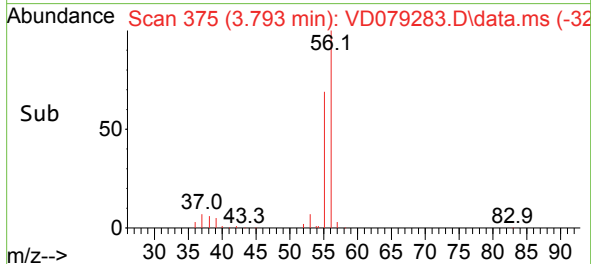
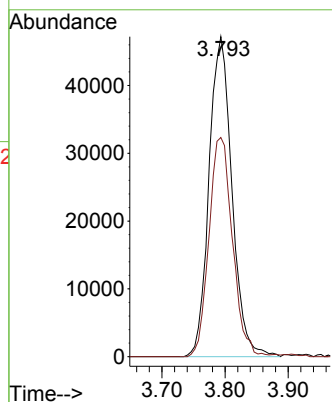
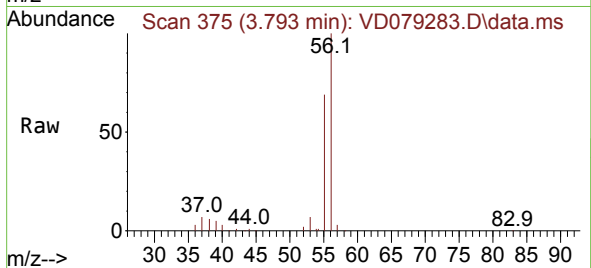
VSTDICC100

Tgt Ion: 56 Resp: 119136

Ion Ratio Lower Upper

56 100

55 70.2 55.3 82.9



#14

Allyl chloride

Concen: 99.640 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

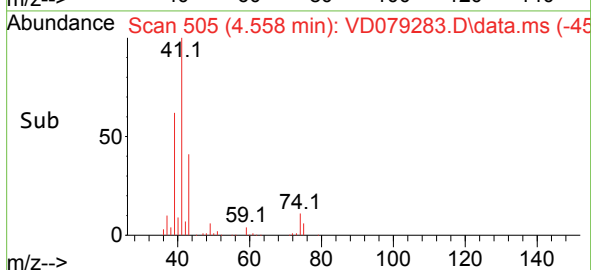
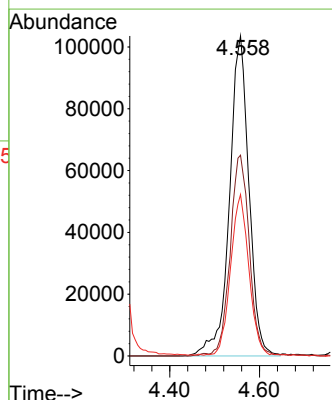
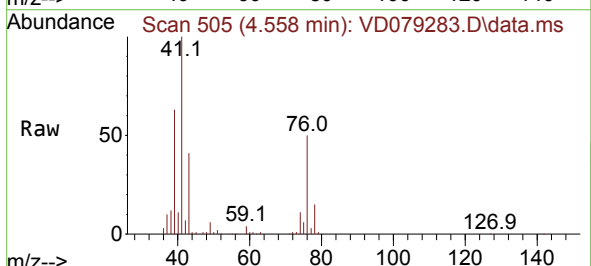
Tgt Ion: 41 Resp: 312224

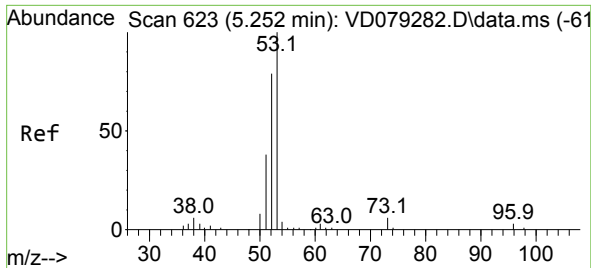
Ion Ratio Lower Upper

41 100

39 61.9 58.0 87.0

76 47.0 45.9 68.9

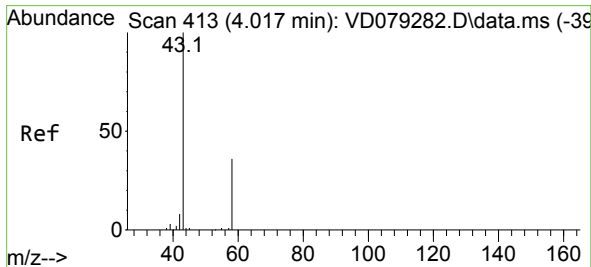
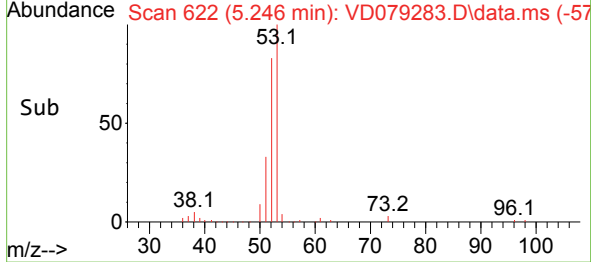
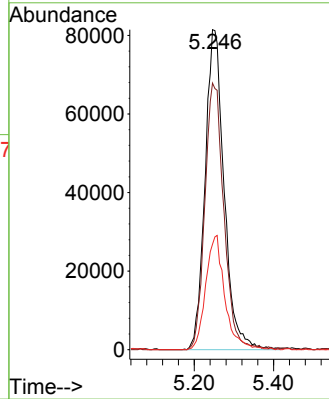
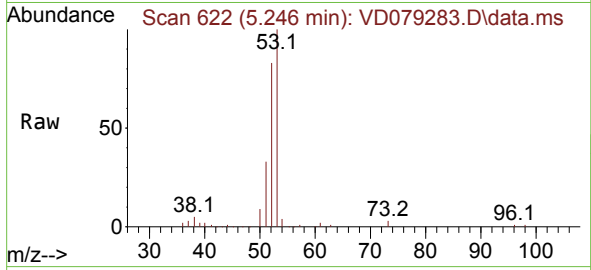




#15
Acrylonitrile
Concen: 496.175 ug/l
RT: 5.246 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

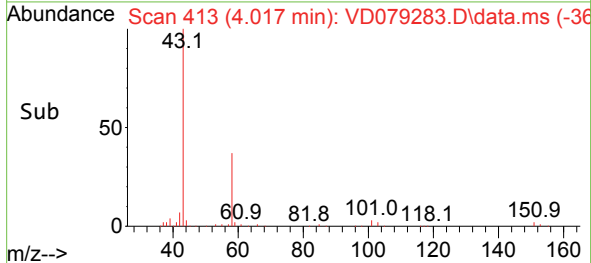
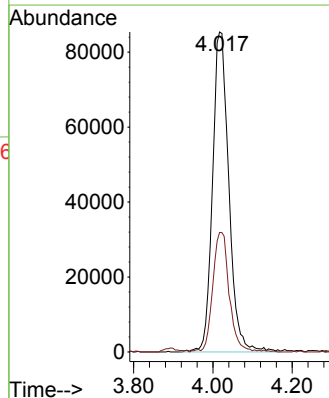
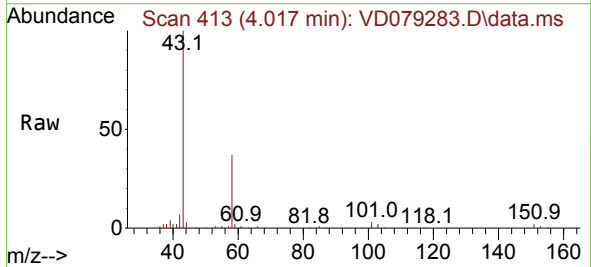
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

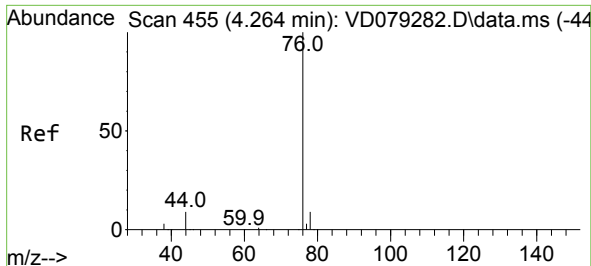
Tgt Ion: 53 Resp: 271573
Ion Ratio Lower Upper
53 100
52 83.2 67.7 101.5
51 35.8 28.6 42.8



#16
Acetone
Concen: 550.709 ug/l
RT: 4.017 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 43 Resp: 244106
Ion Ratio Lower Upper
43 100
58 37.3 30.4 45.6

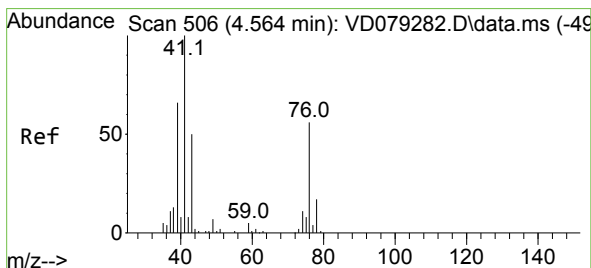
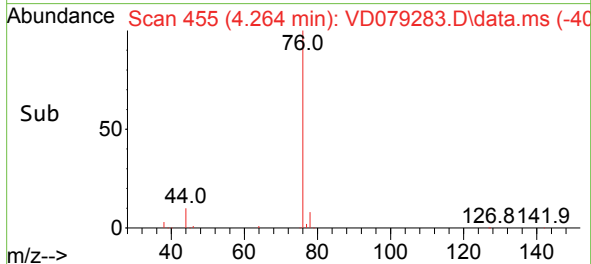
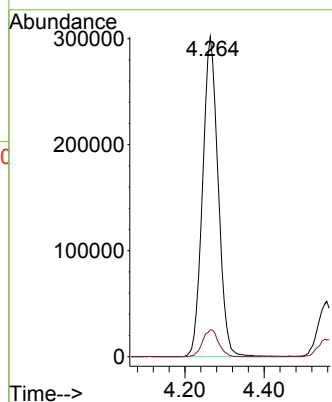
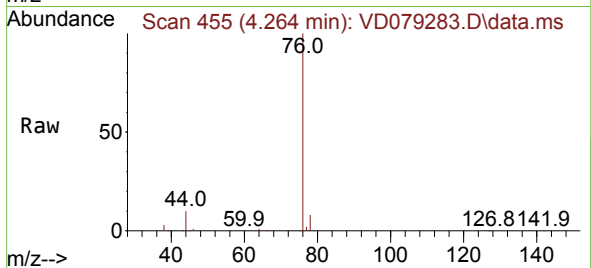




#17
Carbon Disulfide
Concen: 95.193 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

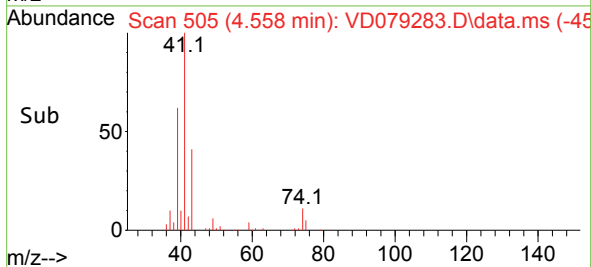
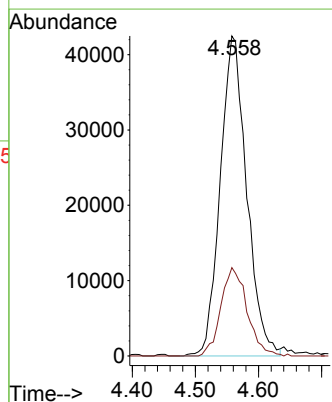
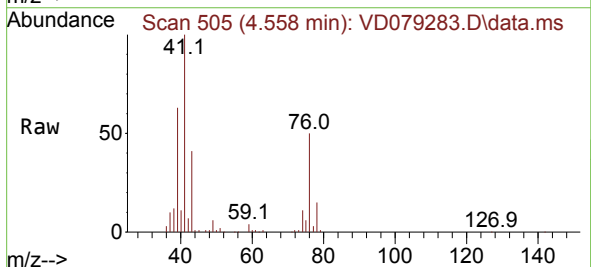
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

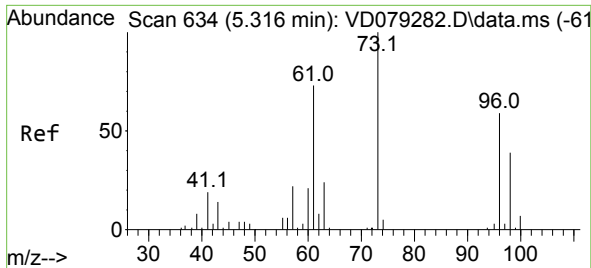
Tgt Ion: 76 Resp: 821090
Ion Ratio Lower Upper
76 100
78 8.4 6.9 10.3



#18
Methyl Acetate
Concen: 96.005 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 43 Resp: 123631
Ion Ratio Lower Upper
43 100
74 27.4 28.1 42.1#

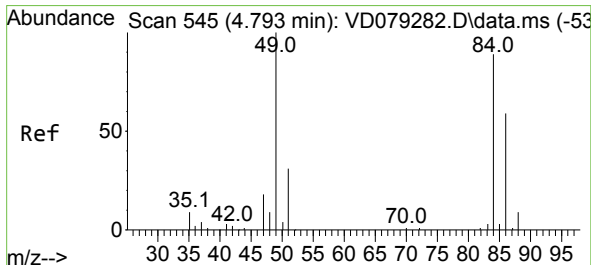
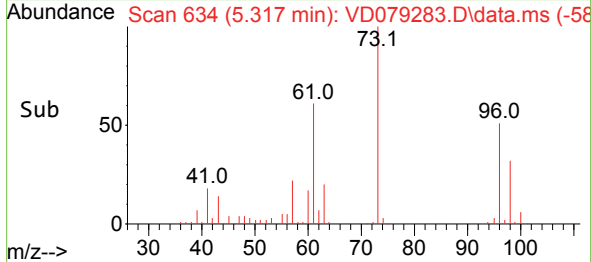
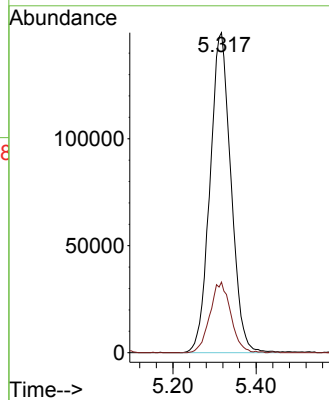
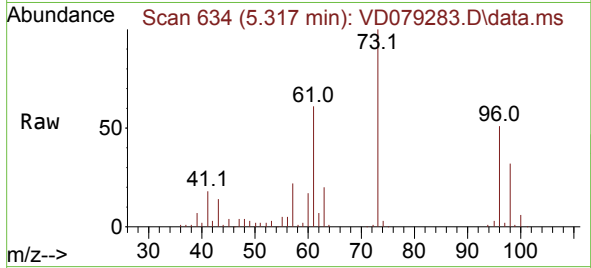




#19
Methyl tert-butyl Ether
Concen: 103.979 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

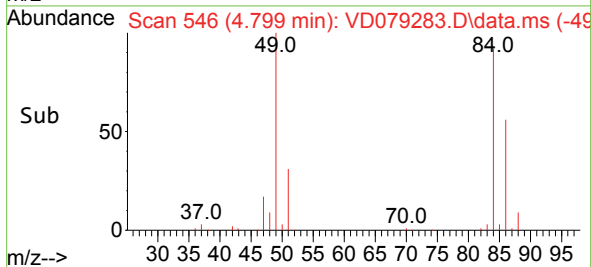
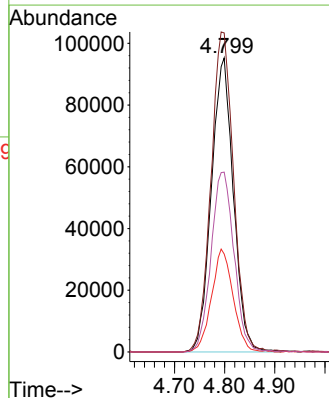
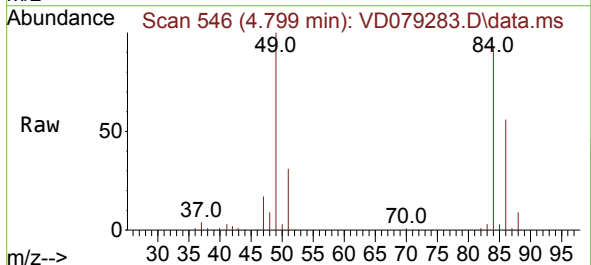
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

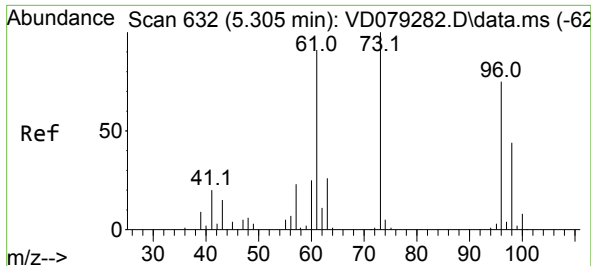
Tgt Ion: 73 Resp: 523087
Ion Ratio Lower Upper
73 100
57 22.0 18.3 27.5



#20
Methylene Chloride
Concen: 100.860 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 84 Resp: 290533
Ion Ratio Lower Upper
84 100
49 108.5 75.6 113.4
51 33.3 24.2 36.2
86 61.2 49.2 73.8

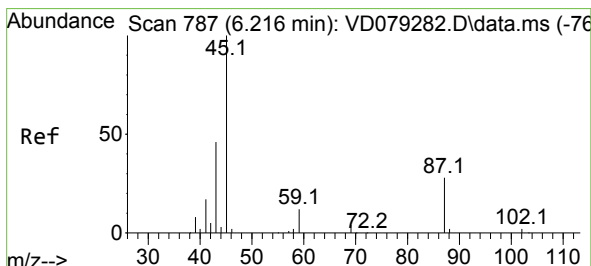
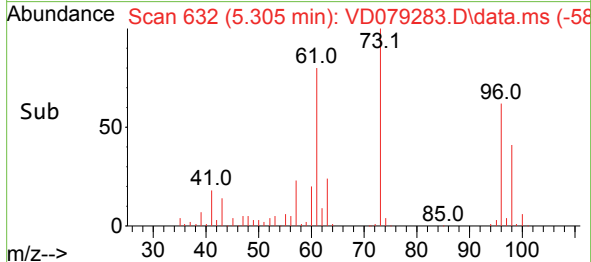
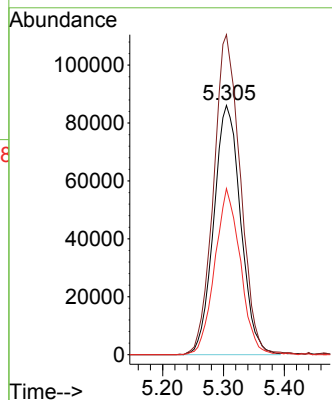
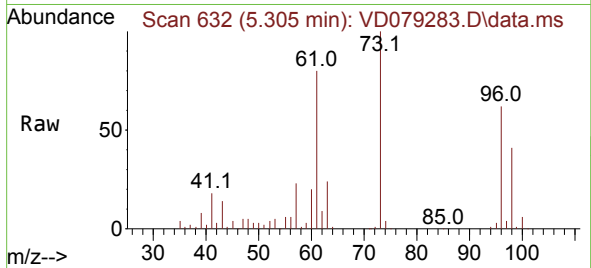




#21
trans-1,2-Dichloroethene
Concen: 95.836 ug/l
RT: 5.305 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

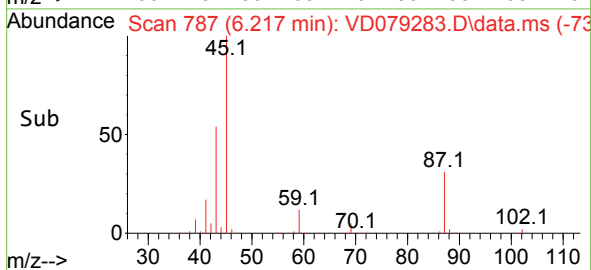
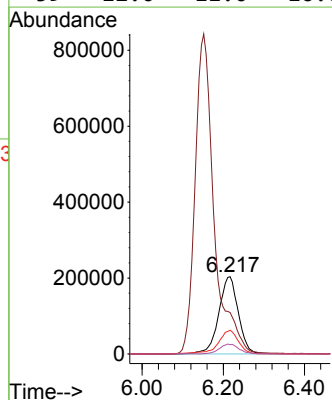
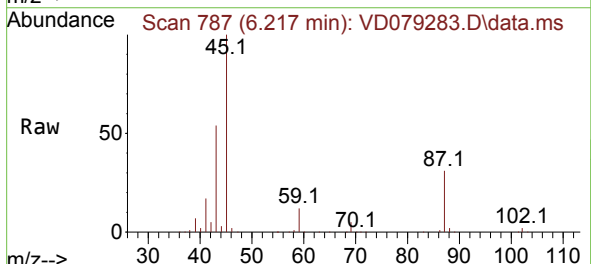
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

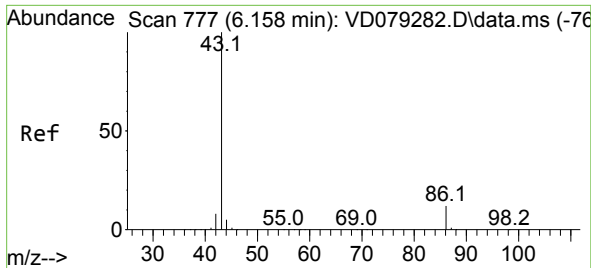
Tgt Ion: 96 Resp: 264419
Ion Ratio Lower Upper
96 100
61 128.1 84.5 126.7#
98 66.6 50.5 75.7



#22
Diisopropyl ether
Concen: 99.920 ug/l
RT: 6.217 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 45 Resp: 681240
Ion Ratio Lower Upper
45 100
43 52.8 41.7 62.5
87 30.4 30.2 45.2
59 12.0 11.0 16.6

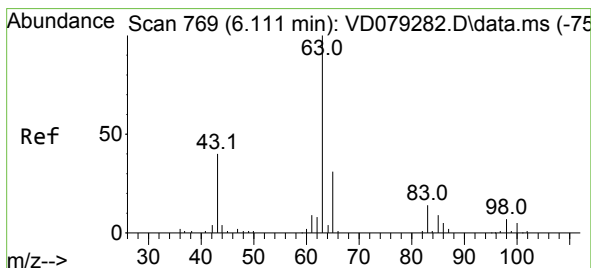
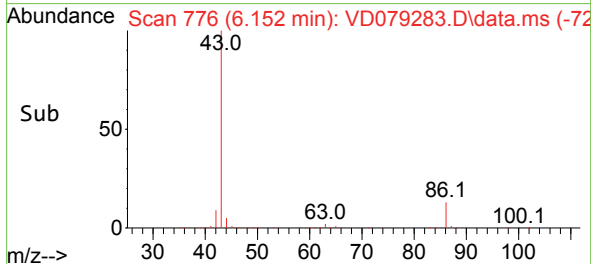
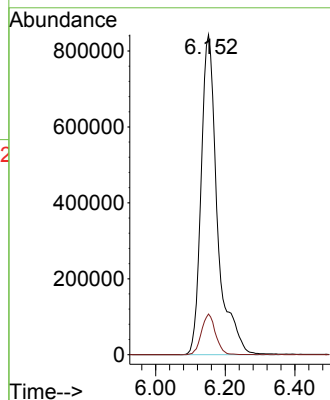
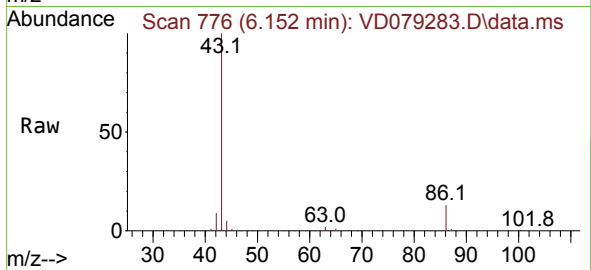




#23
 Vinyl Acetate
 Concen: 529.593 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD079283.D
 Acq: 28 Jun 2024 15:21

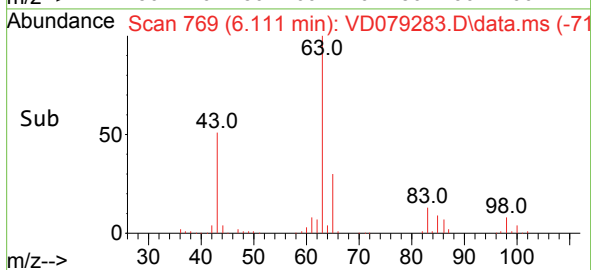
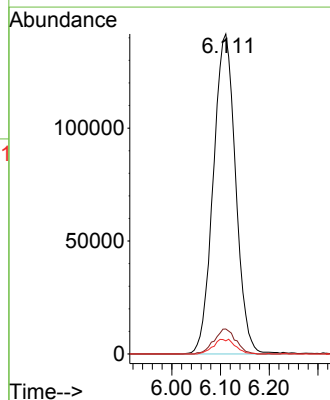
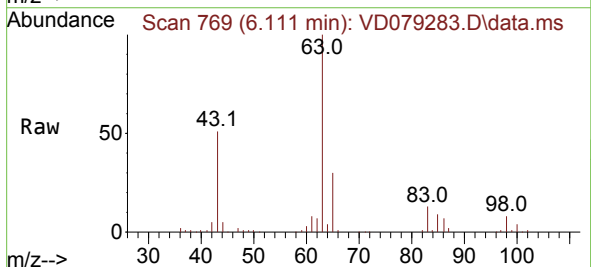
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

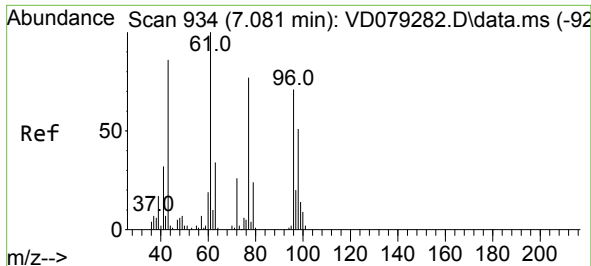
Tgt Ion: 43 Resp: 2733123
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 94.488 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079283.D
 Acq: 28 Jun 2024 15:21

Tgt Ion: 63 Resp: 451654
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.7 14.0
 100 4.1 2.9 8.6

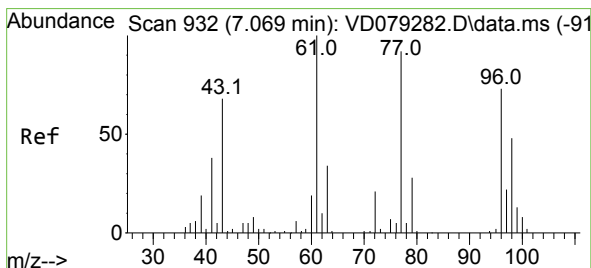
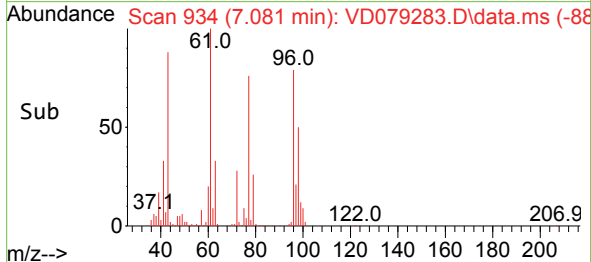
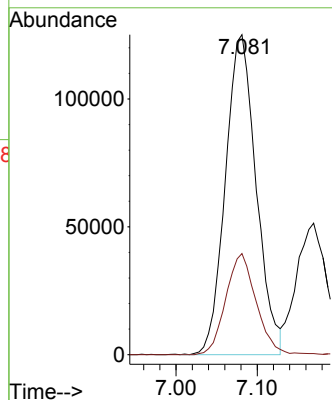
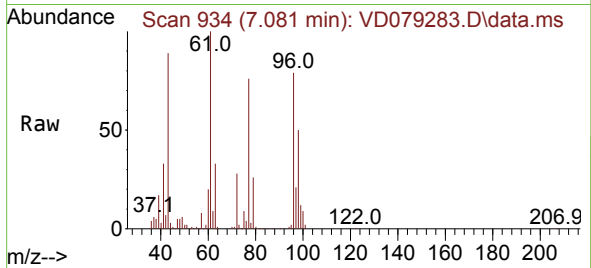




#25
2-Butanone
Concen: 534.930 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

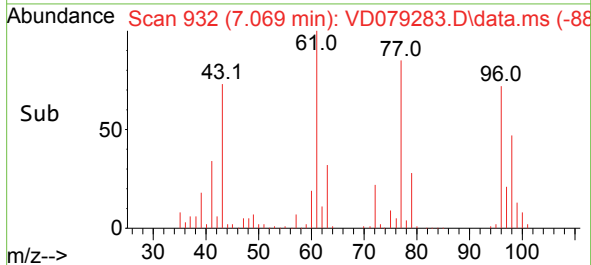
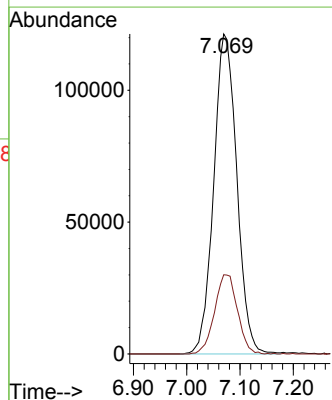
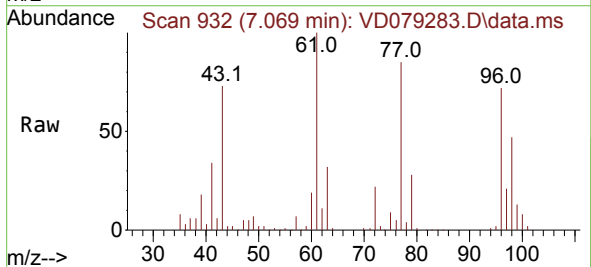
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

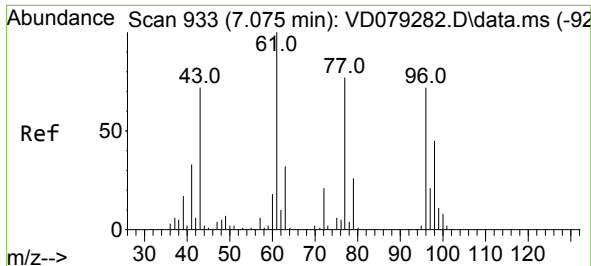
Tgt Ion: 43 Resp: 330331
Ion Ratio Lower Upper
43 100
72 31.6 26.4 39.6



#26
2,2-Dichloropropane
Concen: 96.854 ug/l
RT: 7.069 min Scan# 932
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 77 Resp: 365494
Ion Ratio Lower Upper
77 100
97 24.5 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 101.251 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

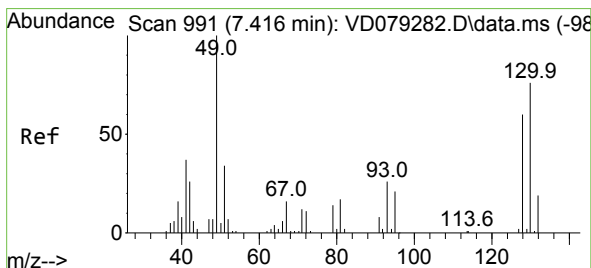
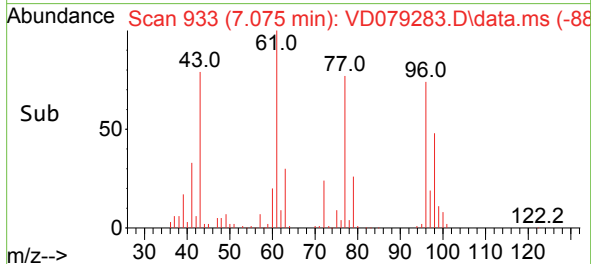
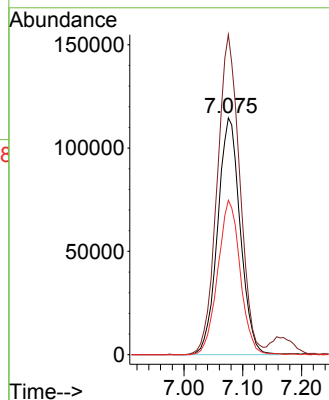
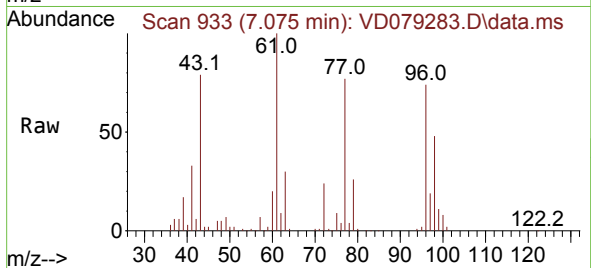
Tgt Ion: 96 Resp: 306046

Ion Ratio Lower Upper

96 100

61 134.8 0.0 229.0

98 64.8 0.0 127.2



#28

Bromochloromethane

Concen: 93.389 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

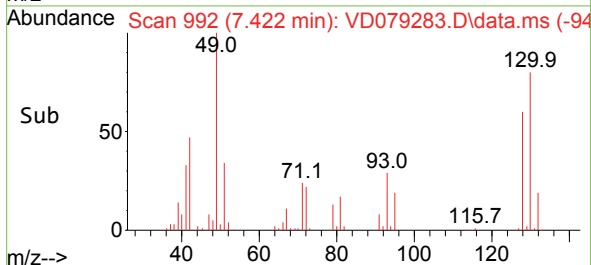
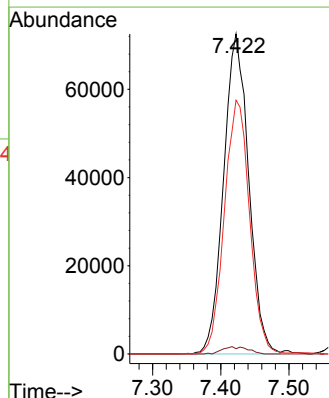
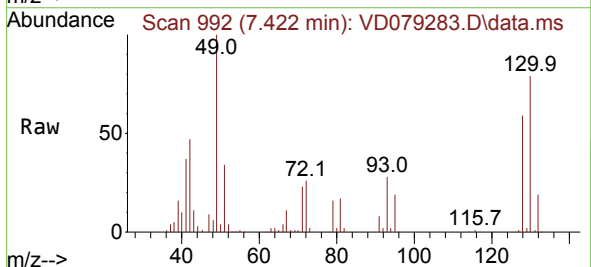
Tgt Ion: 49 Resp: 186128

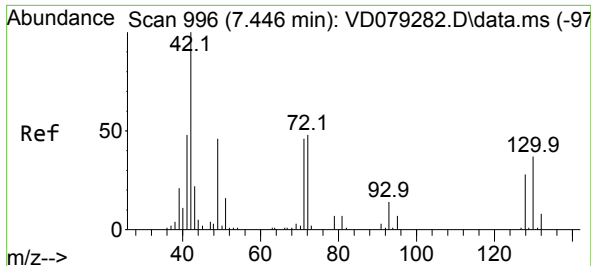
Ion Ratio Lower Upper

49 100

129 2.3 0.0 7.0

130 79.5 87.7 131.5#





#29

Tetrahydrofuran

Concen: 522.198 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

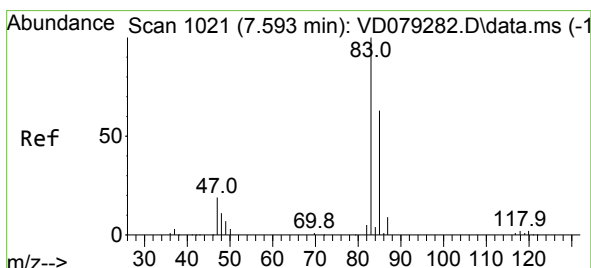
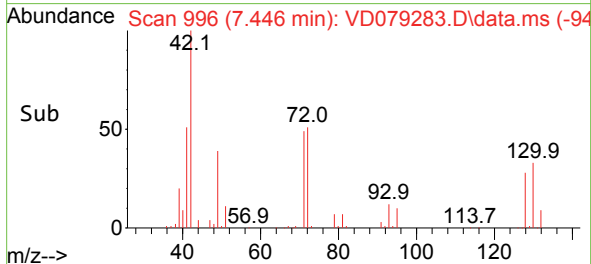
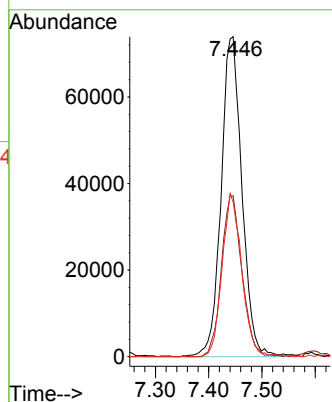
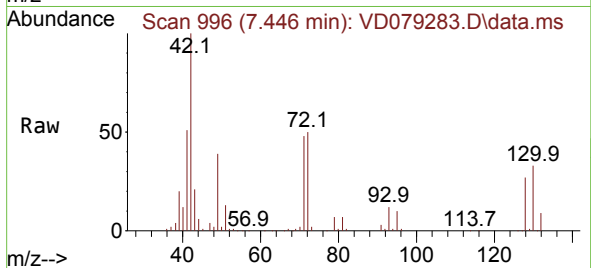
Tgt Ion: 42 Resp: 200324

Ion Ratio Lower Upper

42 100

72 49.8 49.4 74.0

71 47.8 45.0 67.6



#30

Chloroform

Concen: 93.771 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079283.D

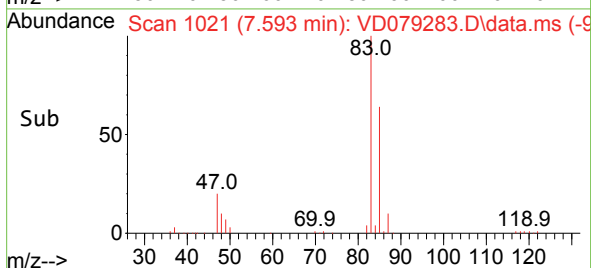
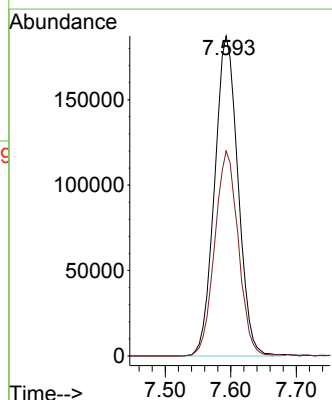
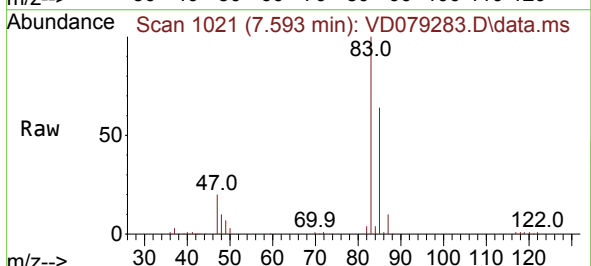
Acq: 28 Jun 2024 15:21

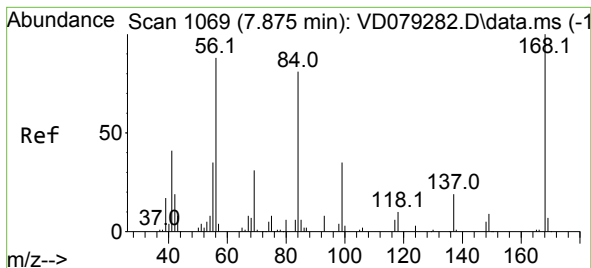
Tgt Ion: 83 Resp: 462376

Ion Ratio Lower Upper

83 100

85 64.1 51.8 77.6





#31

Cyclohexane

Concen: 94.758 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

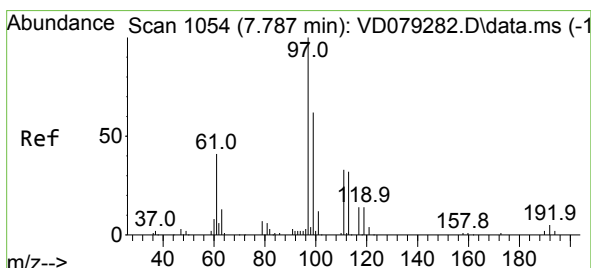
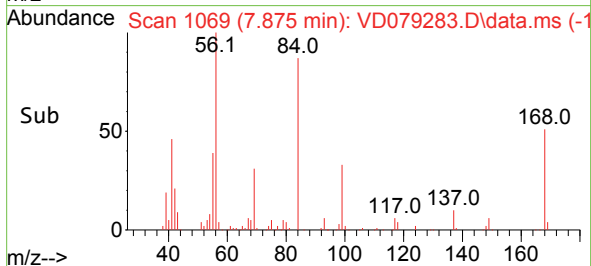
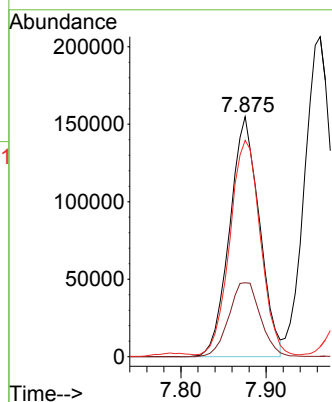
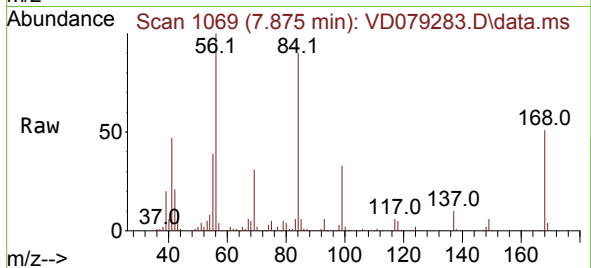
Tgt Ion: 56 Resp: 376194

Ion Ratio Lower Upper

56 100

69 30.8 28.0 42.0

84 88.7 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 94.488 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

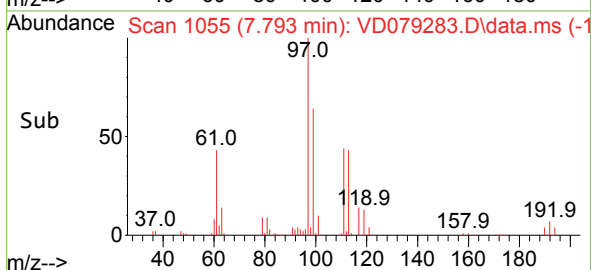
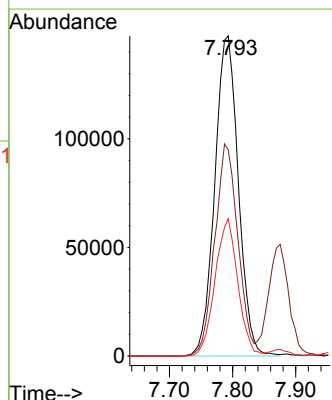
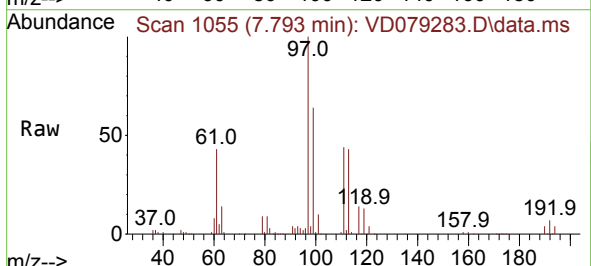
Tgt Ion: 97 Resp: 382408

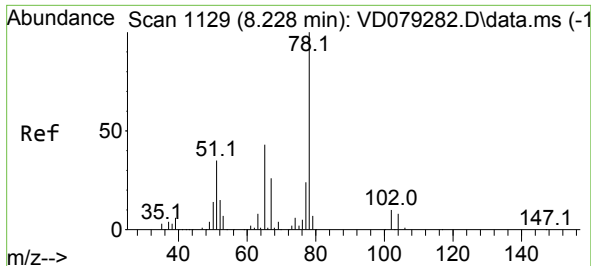
Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

61 41.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 98.428 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

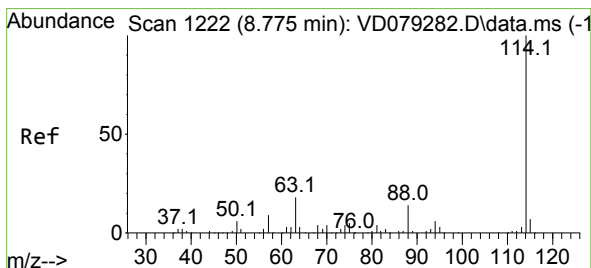
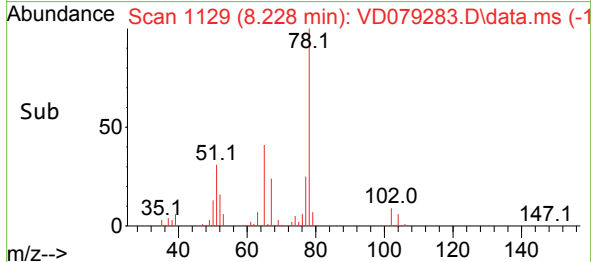
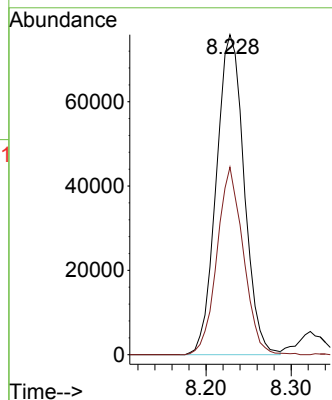
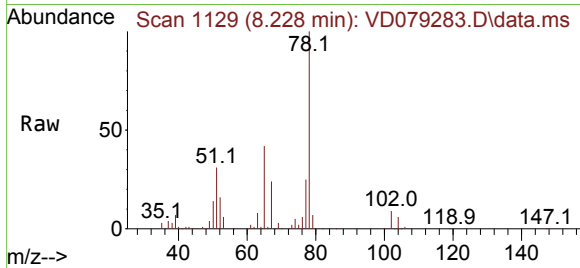
VSTDIC100

Tgt Ion: 65 Resp: 172524

Ion Ratio Lower Upper

65 100

67 55.5 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: VD079283.D

Acq: 28 Jun 2024 15:21

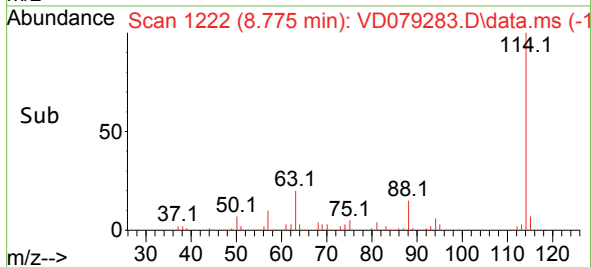
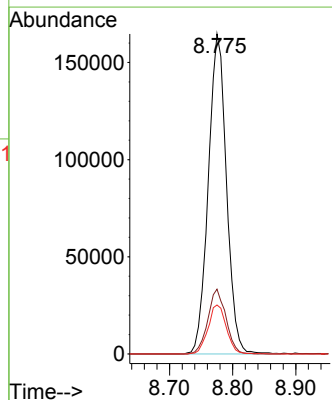
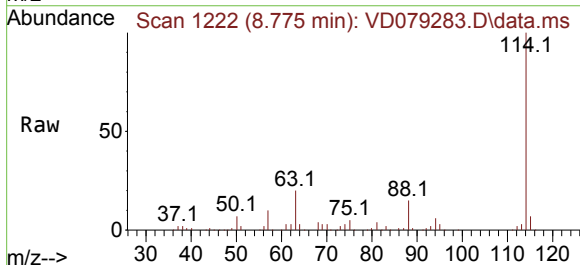
Tgt Ion: 114 Resp: 329024

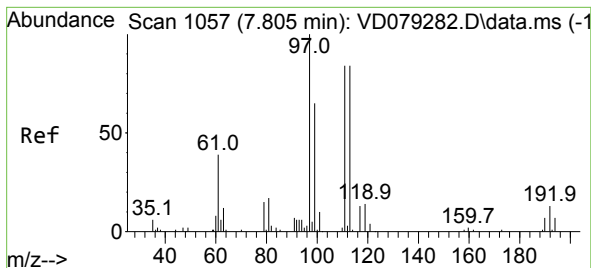
Ion Ratio Lower Upper

114 100

63 20.3 0.0 34.0

88 15.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 90.352 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

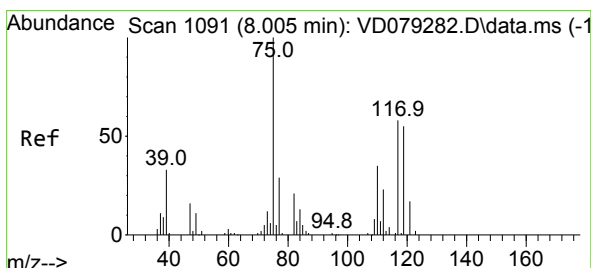
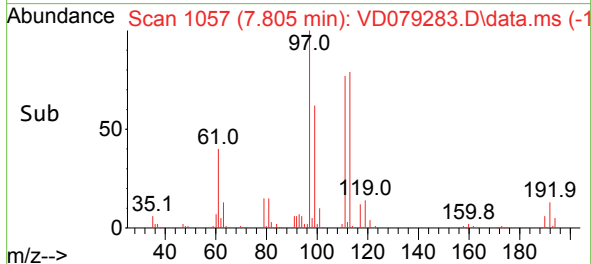
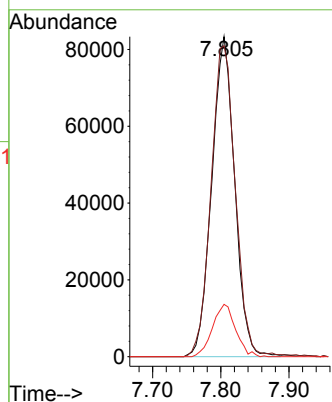
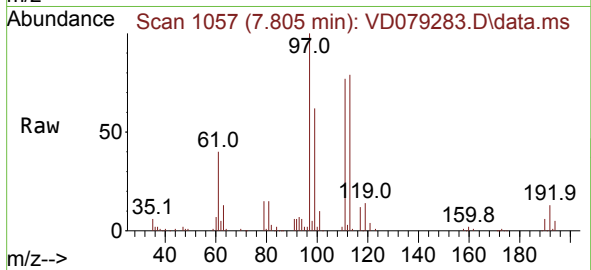
Tgt Ion:113 Resp: 195133

Ion Ratio Lower Upper

113 100

111 103.3 84.0 126.0

192 16.5 15.4 23.0



#36

1,1-Dichloropropene

Concen: 102.631 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

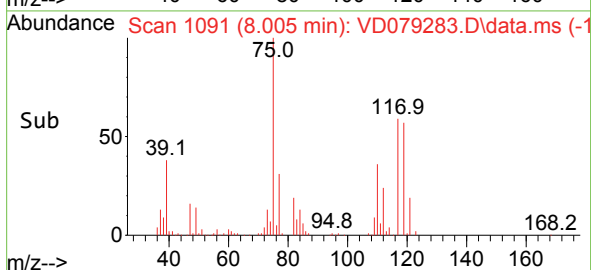
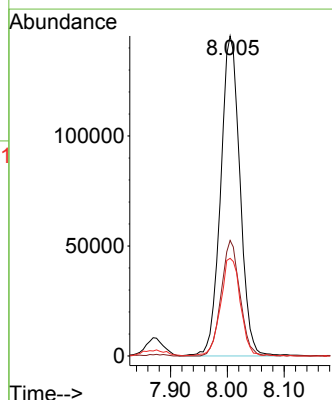
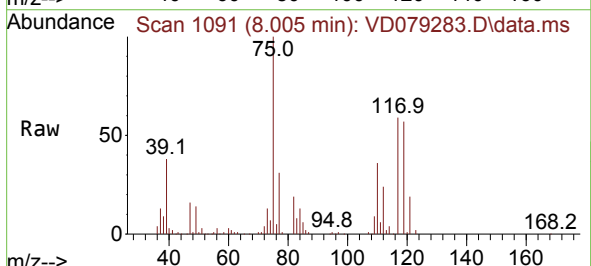
Tgt Ion: 75 Resp: 344370

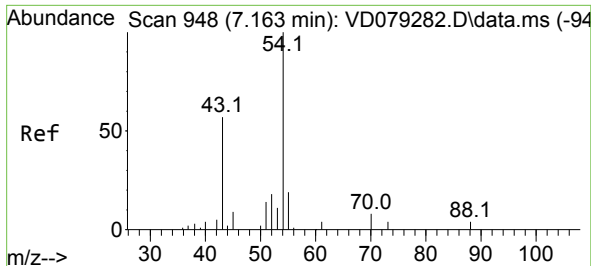
Ion Ratio Lower Upper

75 100

110 35.0 19.6 58.7

77 31.4 26.1 39.1





#37

Ethyl Acetate

Concen: 108.776 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

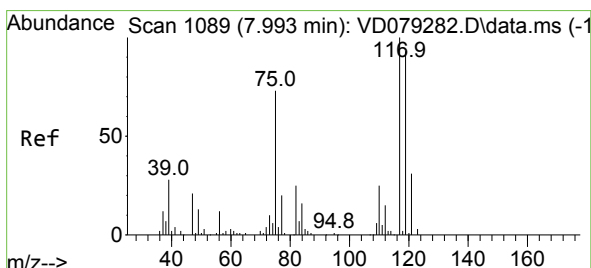
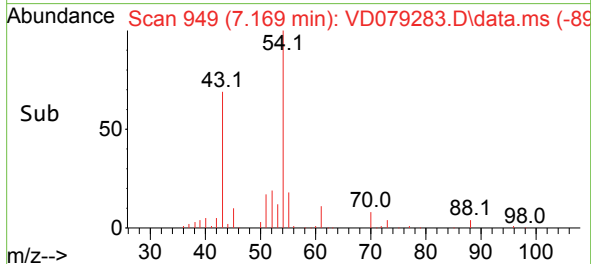
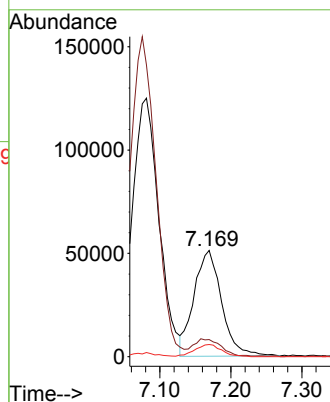
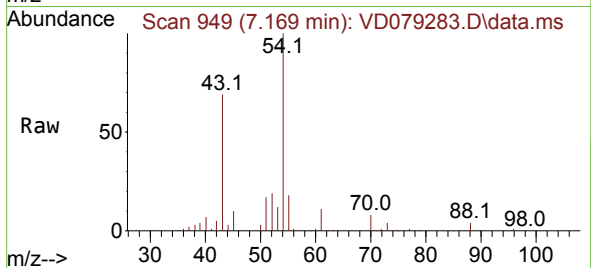
Tgt Ion: 43 Resp: 138933

Ion Ratio Lower Upper

43 100

61 16.2 13.9 20.9

70 11.1 9.8 14.6



#38

Carbon Tetrachloride

Concen: 98.798 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

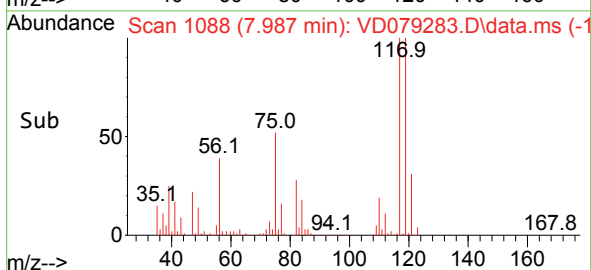
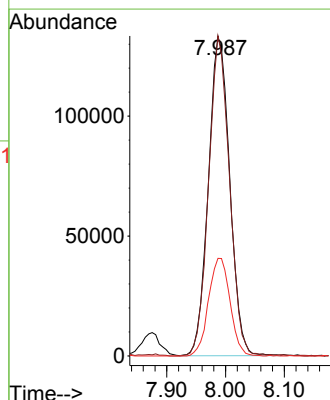
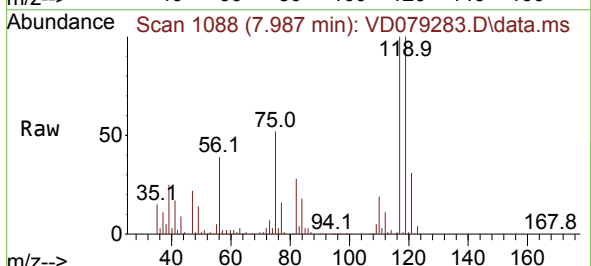
Tgt Ion: 117 Resp: 336655

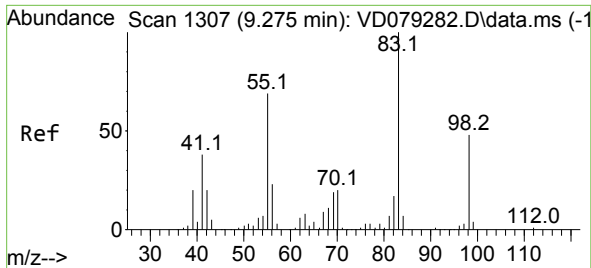
Ion Ratio Lower Upper

117 100

119 100.3 75.4 113.0

121 30.6 25.0 37.4

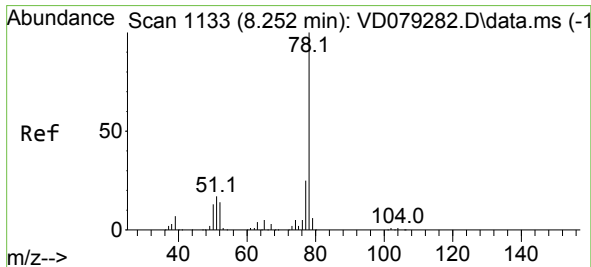
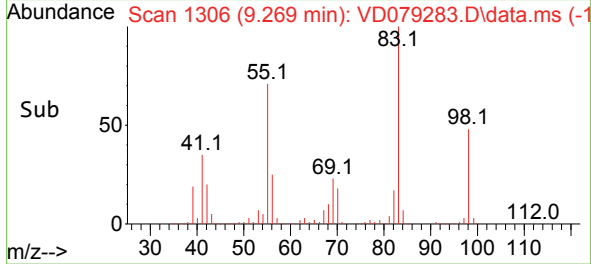
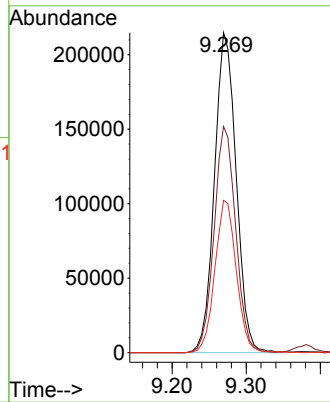
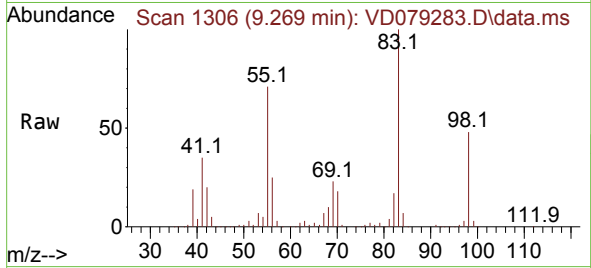




#39
Methylcyclohexane
Concen: 110.753 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

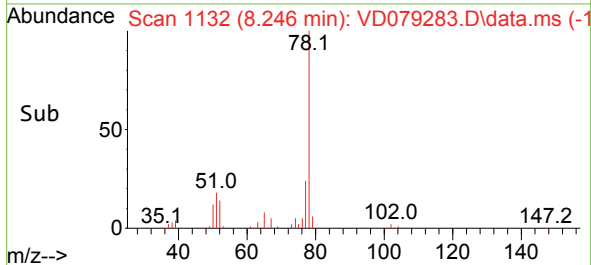
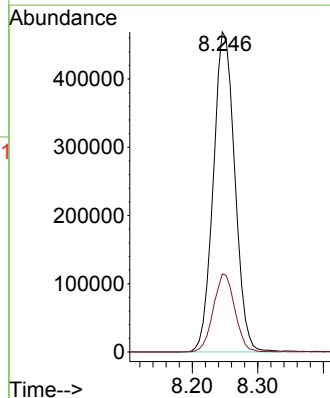
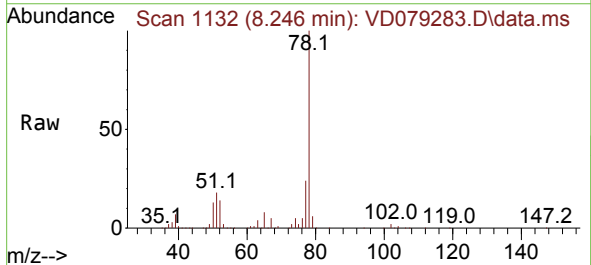
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

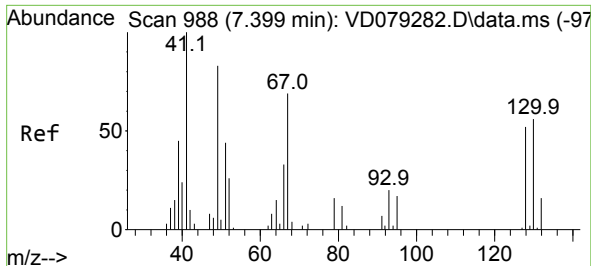
Tgt Ion: 83 Resp: 437215
Ion Ratio Lower Upper
83 100
55 70.7 50.1 75.1
98 47.6 41.9 62.9



#40
Benzene
Concen: 102.138 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 78 Resp: 1069239
Ion Ratio Lower Upper
78 100
77 24.4 18.1 27.1

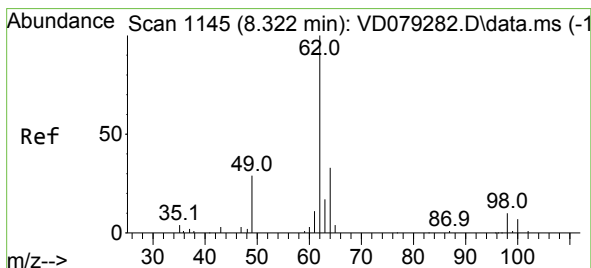
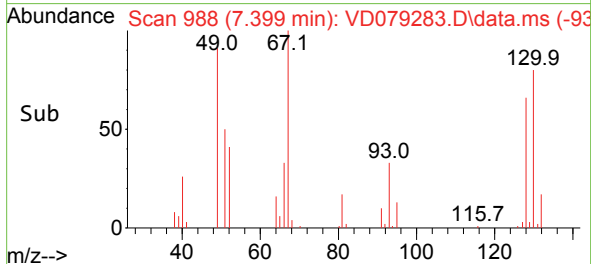
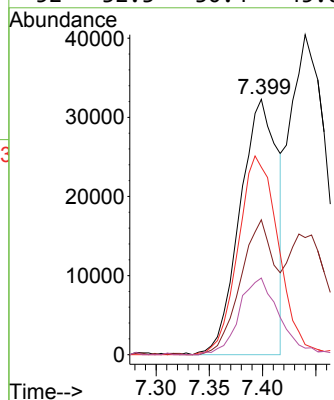
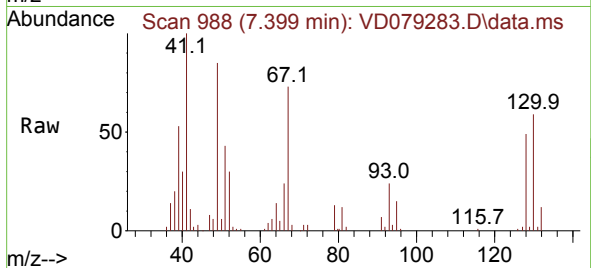




#41
Methacrylonitrile
Concen: 112.779 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

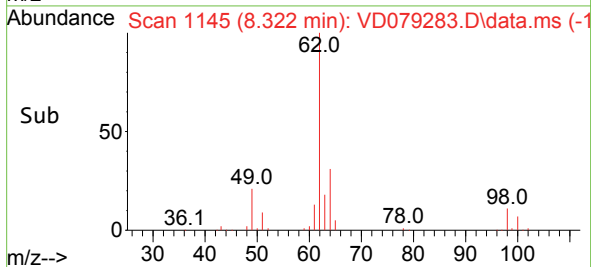
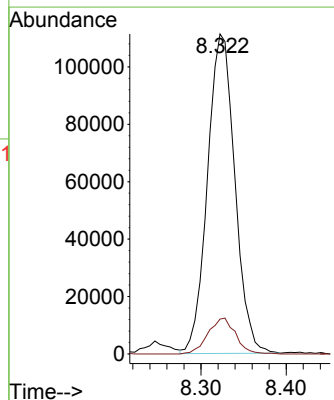
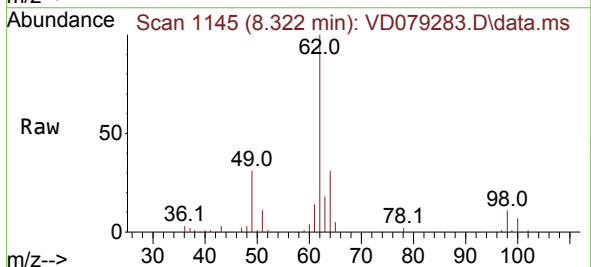
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

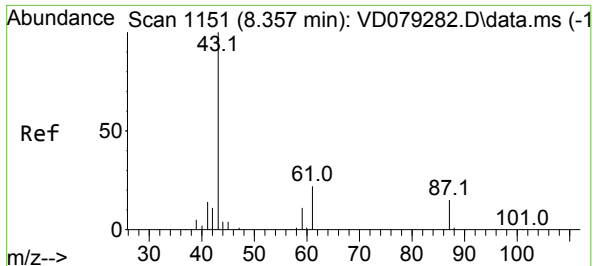
Tgt Ion: 41 Resp: 79178
Ion Ratio Lower Upper
41 100
39 48.8 41.4 62.0
67 83.8 85.8 128.6#
52 32.3 30.4 45.6



#42
1,2-Dichloroethane
Concen: 98.674 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 62 Resp: 248434
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.8





#43

Isopropyl Acetate

Concen: 103.309 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

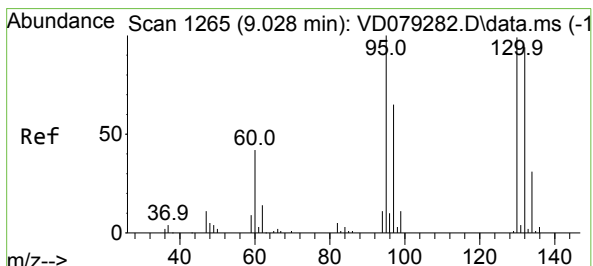
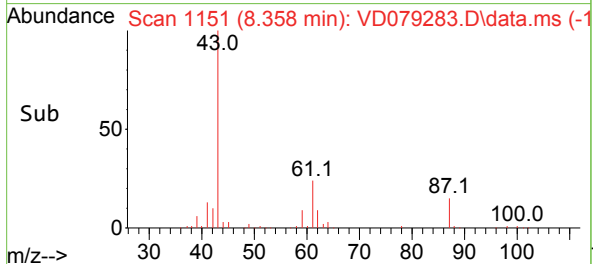
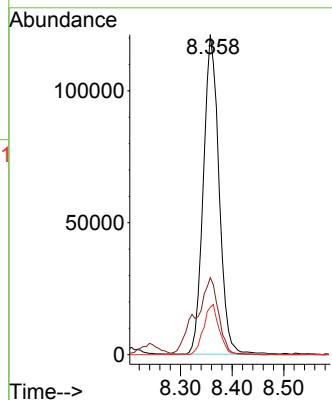
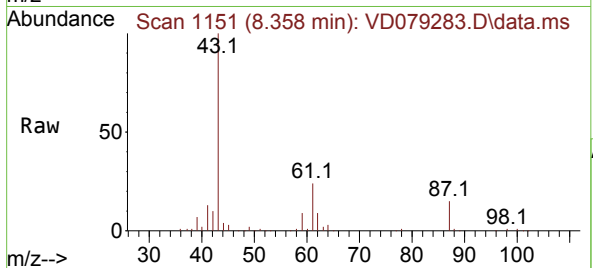
Tgt Ion: 43 Resp: 254655

Ion Ratio Lower Upper

43 100

61 34.9 29.3 43.9

87 15.7 14.9 22.3



#44

Trichloroethene

Concen: 97.440 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079283.D

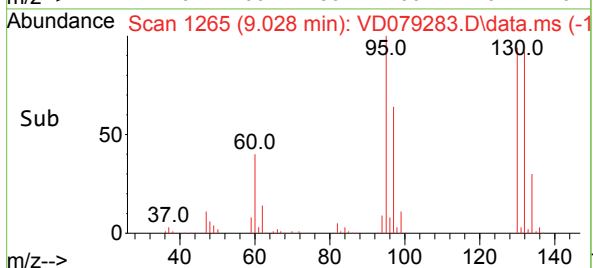
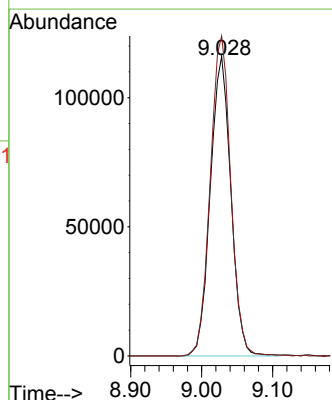
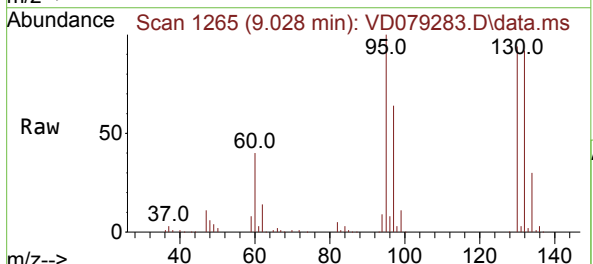
Acq: 28 Jun 2024 15:21

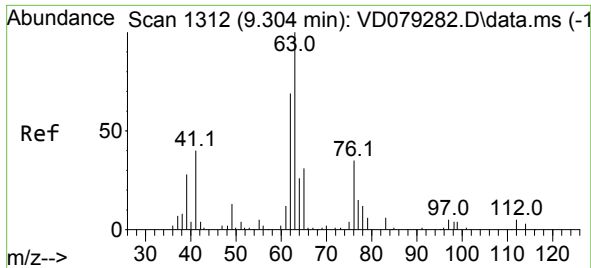
Tgt Ion:130 Resp: 233007

Ion Ratio Lower Upper

130 100

95 106.8 0.0 177.8





#45

1,2-Dichloropropane

Concen: 99.140 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

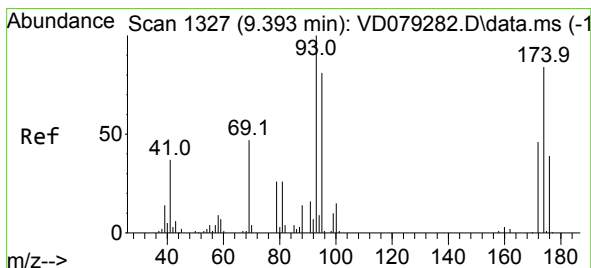
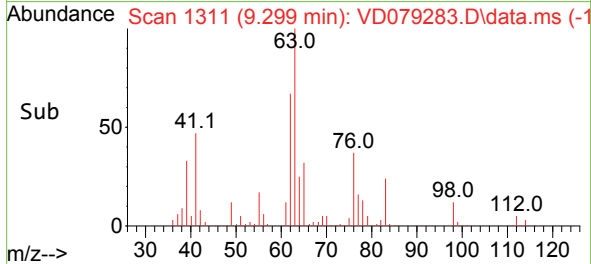
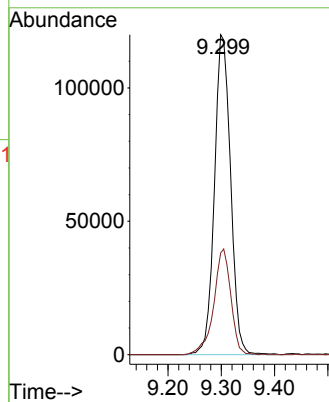
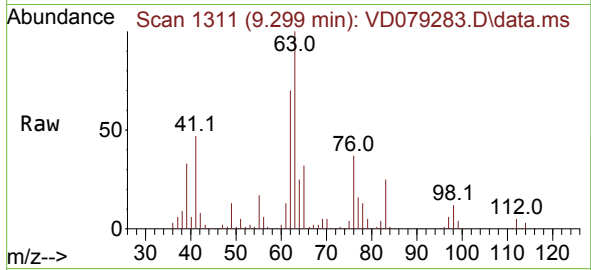
VSTDIC100

Tgt Ion: 63 Resp: 252702

Ion Ratio Lower Upper

63 100

65 31.8 23.8 35.8



#46

Dibromomethane

Concen: 98.245 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

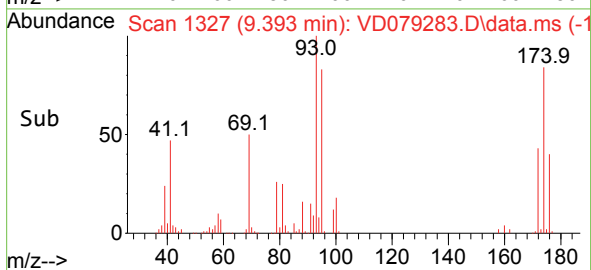
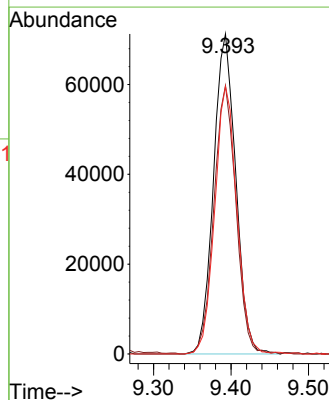
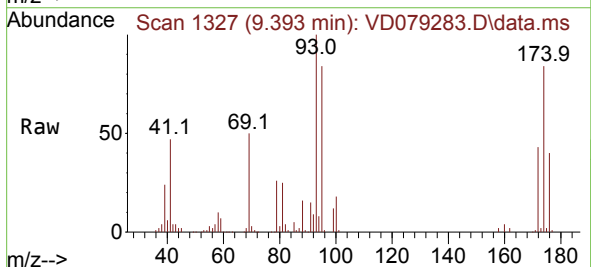
Tgt Ion: 93 Resp: 142028

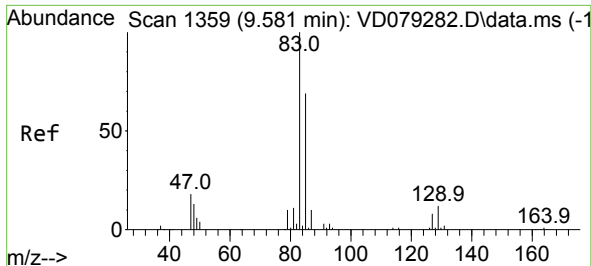
Ion Ratio Lower Upper

93 100

95 83.2 65.6 98.4

174 83.1 82.3 123.5

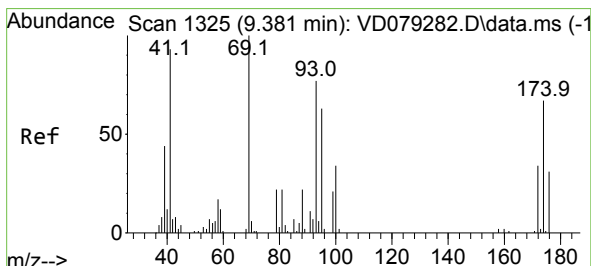
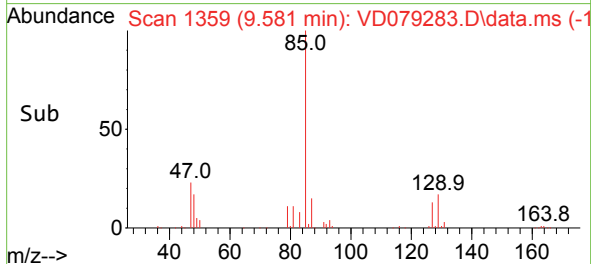
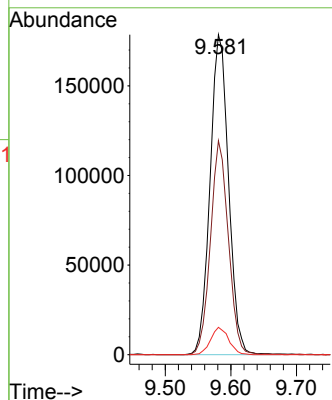
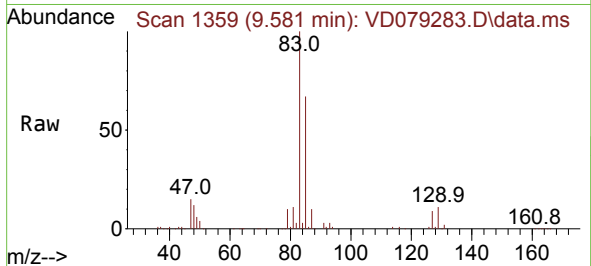




#47
Bromodichloromethane
Concen: 98.972 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

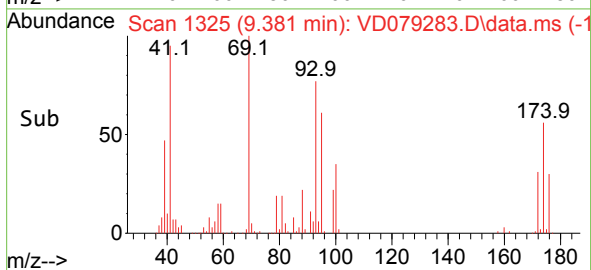
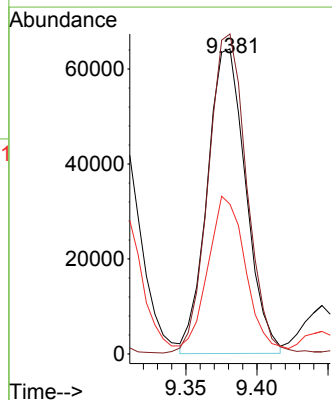
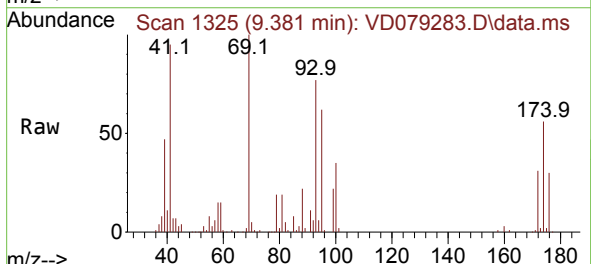
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

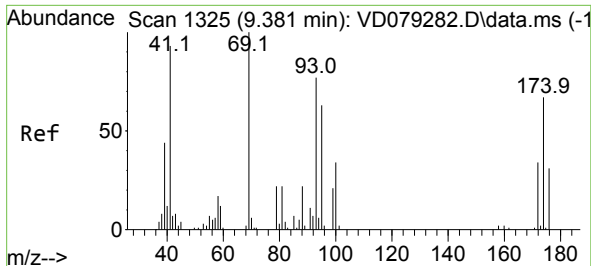
Tgt Ion: 83 Resp: 350133
Ion Ratio Lower Upper
83 100
85 66.8 50.1 75.1
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 108.872 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 41 Resp: 121090
Ion Ratio Lower Upper
41 100
69 104.8 96.7 145.1
39 47.5 43.8 65.6





#49

1,4-Dioxane

Concen: 2070.826 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

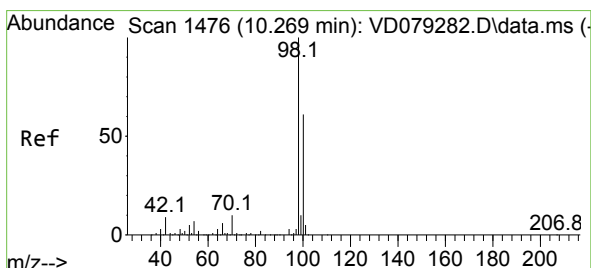
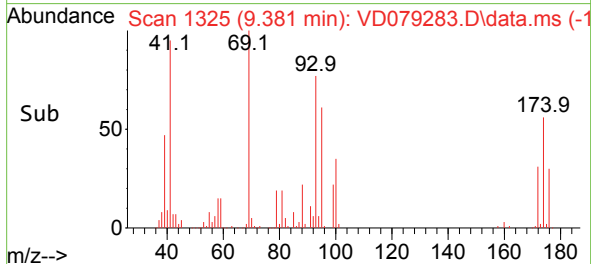
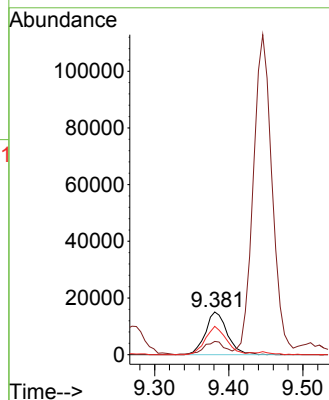
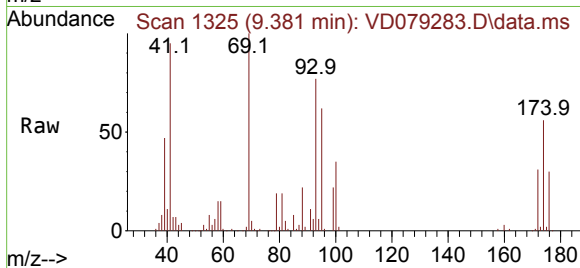
Tgt Ion: 88 Resp: 30677

Ion Ratio Lower Upper

88 100

43 30.4 21.5 32.3

58 63.8 42.2 63.4#



#50

Toluene-d8

Concen: 88.119 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079283.D

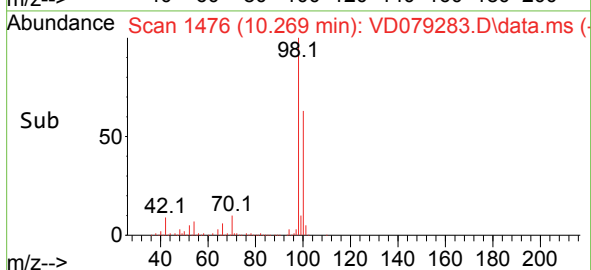
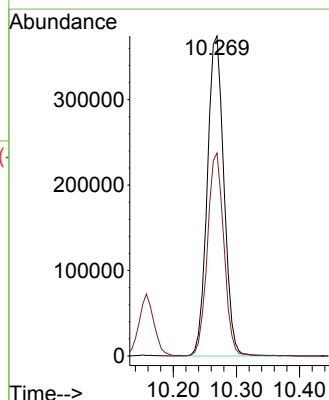
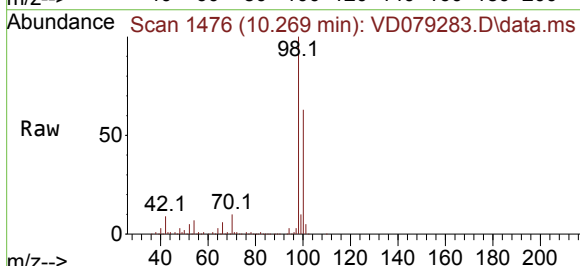
Acq: 28 Jun 2024 15:21

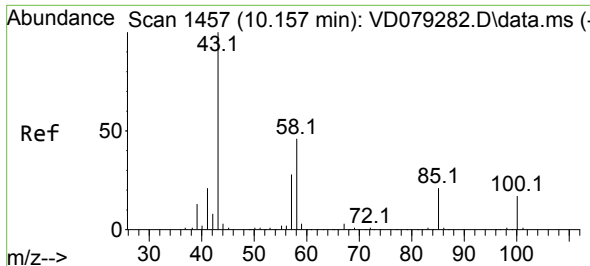
Tgt Ion: 98 Resp: 684642

Ion Ratio Lower Upper

98 100

100 63.0 51.6 77.4

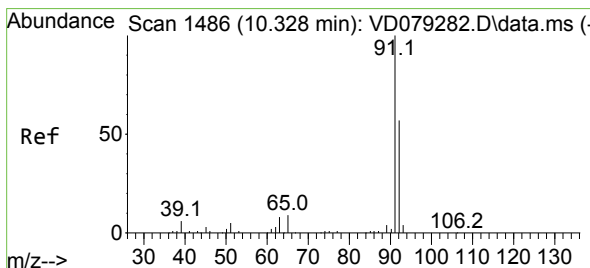
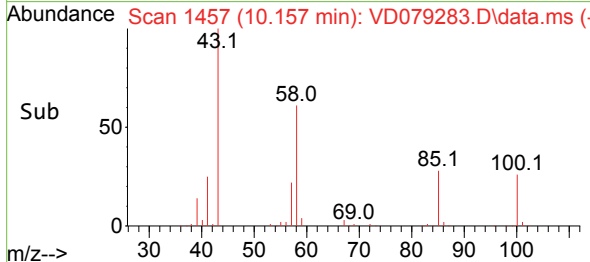
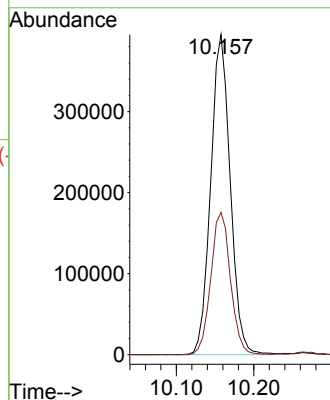
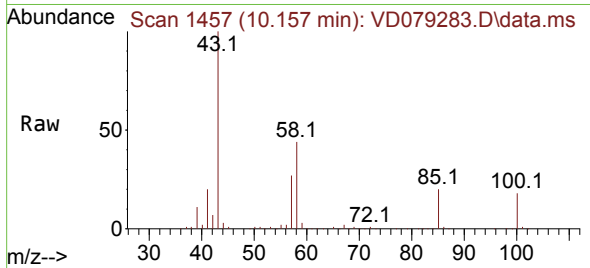




#51
4-Methyl-2-Pentanone
Concen: 539.368 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

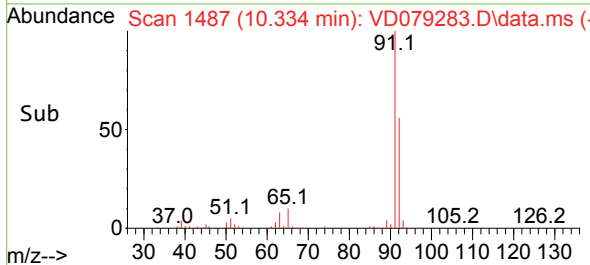
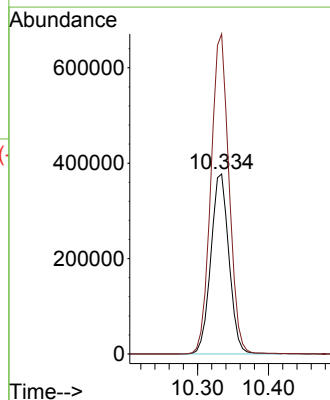
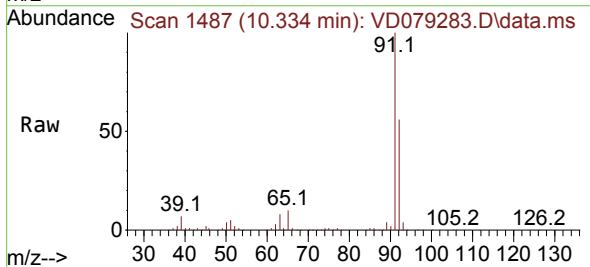
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

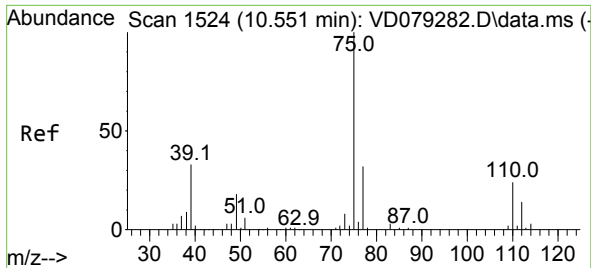
Tgt Ion: 43 Resp: 691886
Ion Ratio Lower Upper
43 100
58 44.8 36.6 55.0



#52
Toluene
Concen: 105.019 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 92 Resp: 669300
Ion Ratio Lower Upper
92 100
91 178.0 141.7 212.5

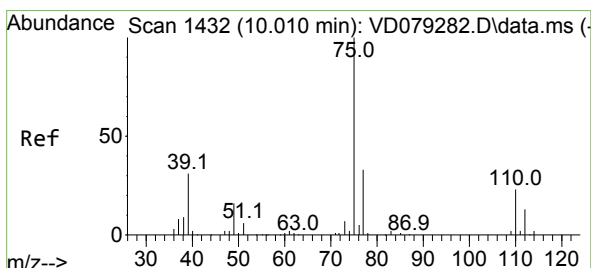
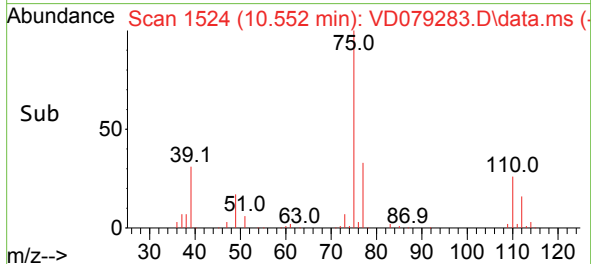
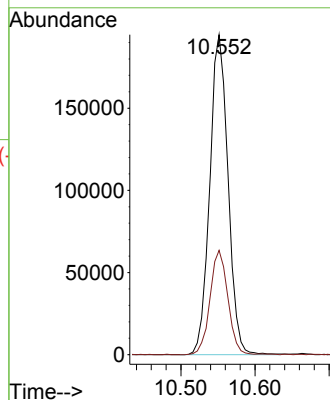
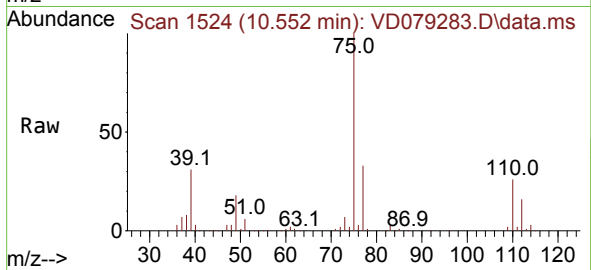




#53
t-1,3-Dichloropropene
Concen: 104.343 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

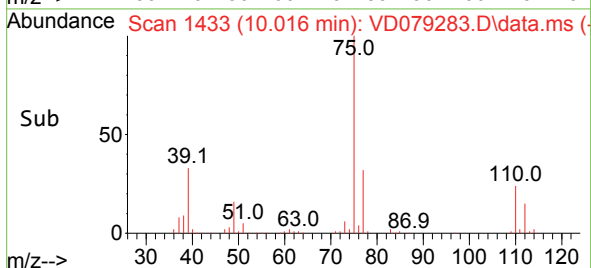
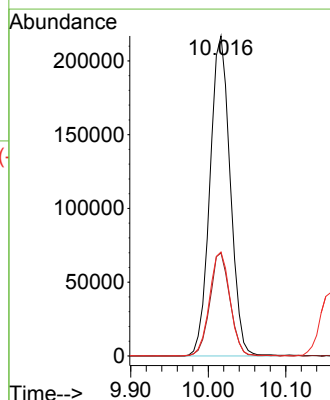
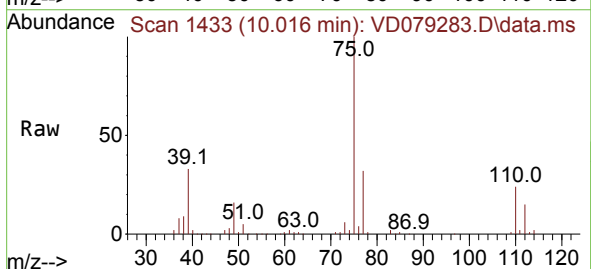
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

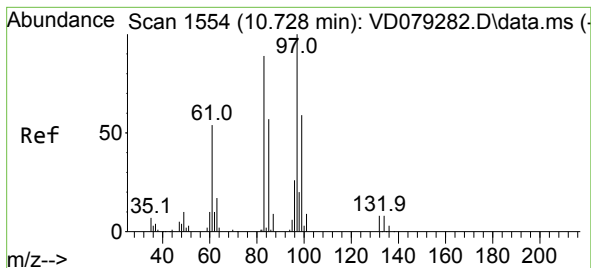
Tgt Ion: 75 Resp: 333359
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 102.893 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 75 Resp: 394424
Ion Ratio Lower Upper
75 100
77 32.2 24.4 36.6
39 32.5 24.2 36.2

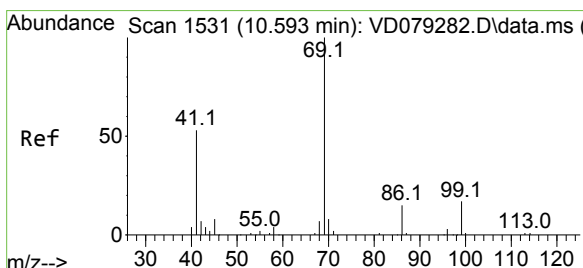
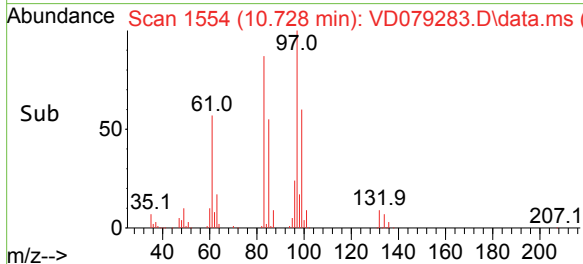
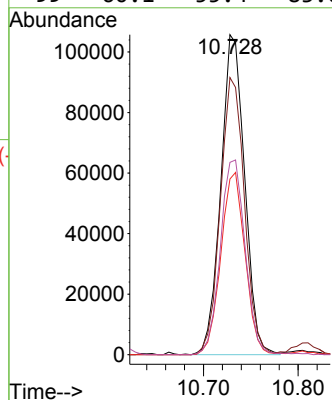
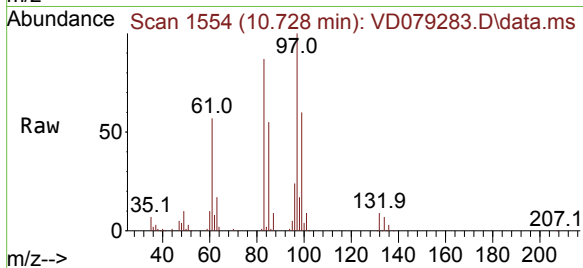




#55
1,1,2-Trichloroethane
Concen: 99.153 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

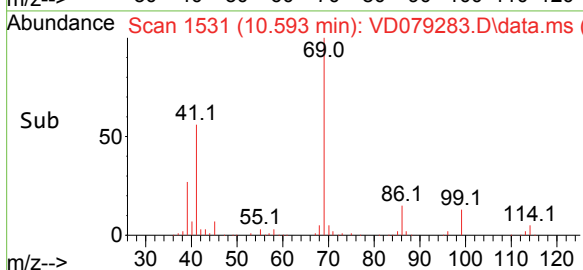
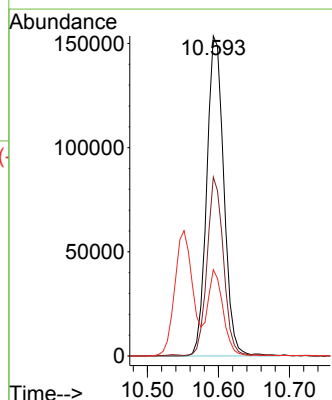
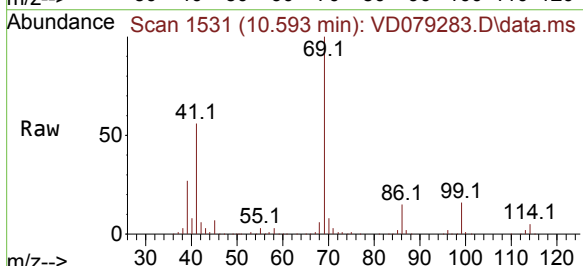
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

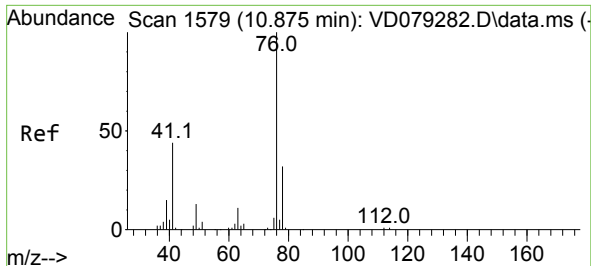
Tgt Ion:	97	Resp:	184880
Ion	Ratio	Lower	Upper
97	100		
83	86.6	65.8	98.8
85	54.9	43.8	65.8
99	60.1	55.4	83.0



#56
Ethyl methacrylate
Concen: 98.651 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion:	69	Resp:	256797
Ion	Ratio	Lower	Upper
69	100		
41	53.9	39.8	59.6
39	24.4	20.2	30.4

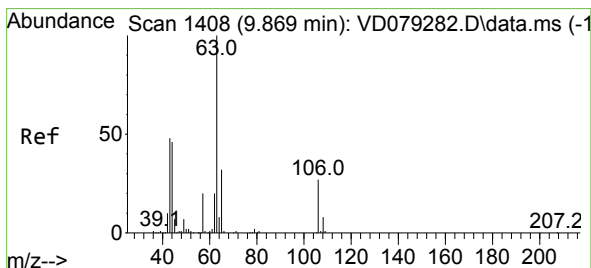
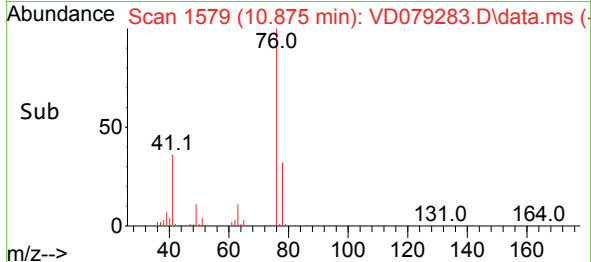
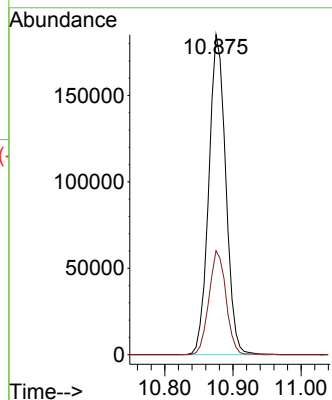
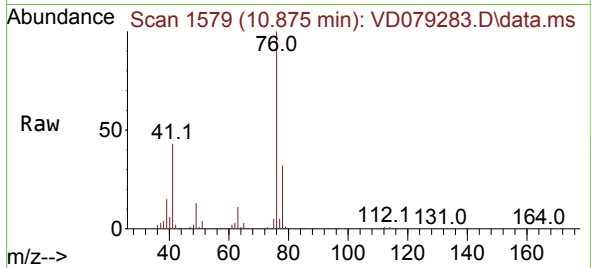




#57
1,3-Dichloropropane
Concen: 100.779 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

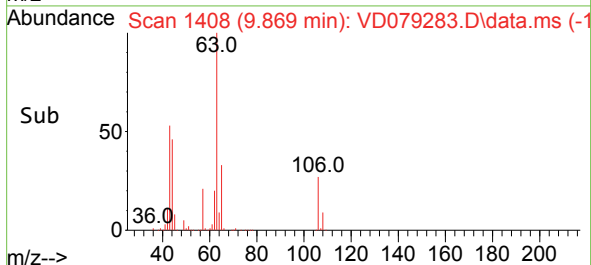
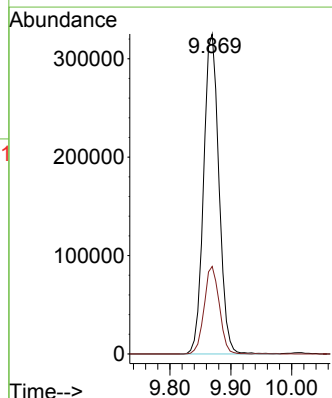
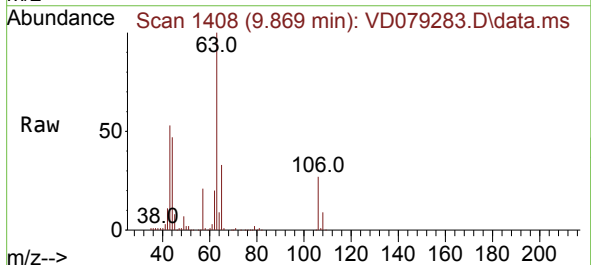
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

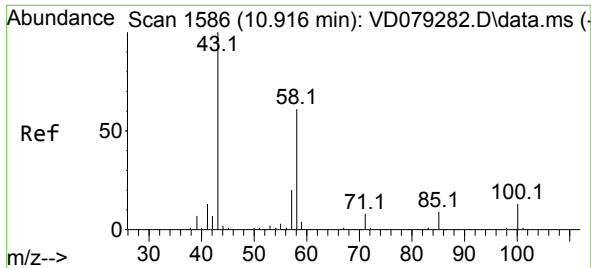
Tgt Ion: 76 Resp: 321275
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 480.191 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 63 Resp: 570104
Ion Ratio Lower Upper
63 100
106 27.0 26.4 39.6

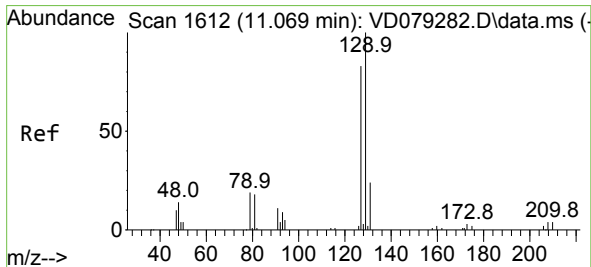
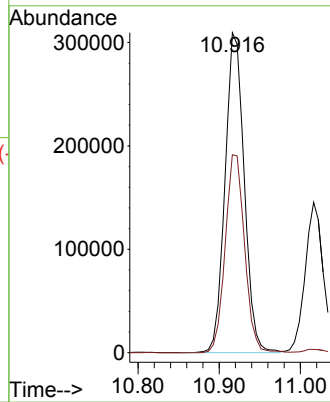
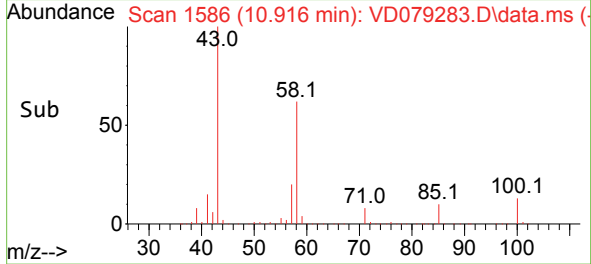
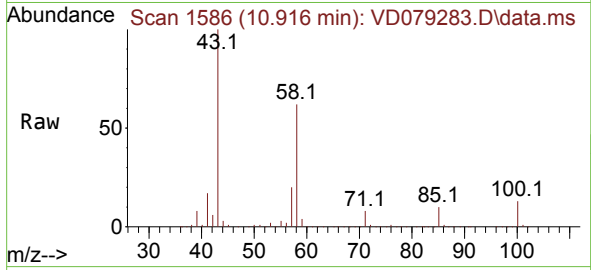




#59
2-Hexanone
Concen: 558.531 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

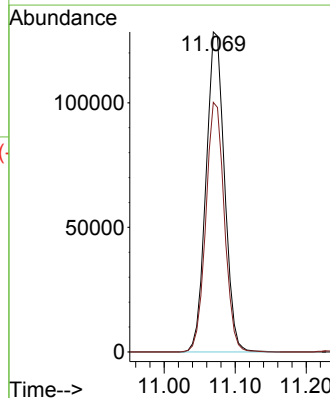
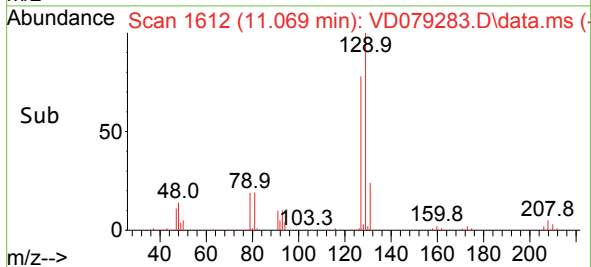
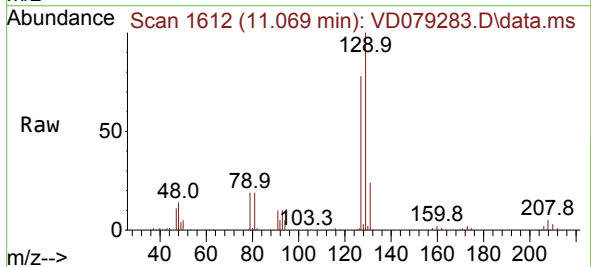
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

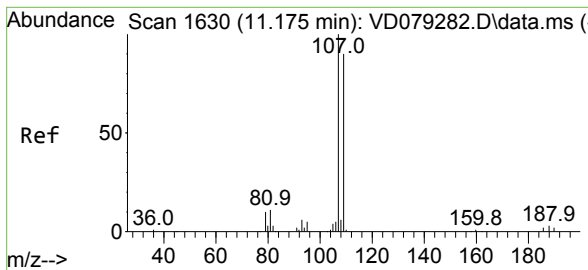
Tgt Ion: 43 Resp: 508796
Ion Ratio Lower Upper
43 100
58 62.6 31.1 93.5



#60
Dibromochloromethane
Concen: 98.689 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 129 Resp: 232280
Ion Ratio Lower Upper
129 100
127 78.2 38.0 113.9

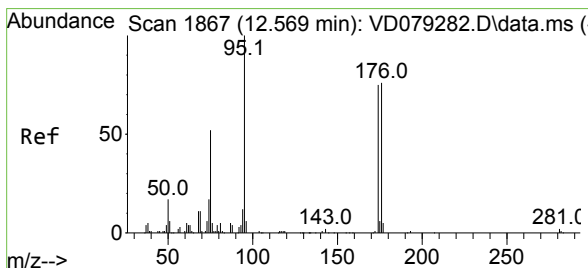
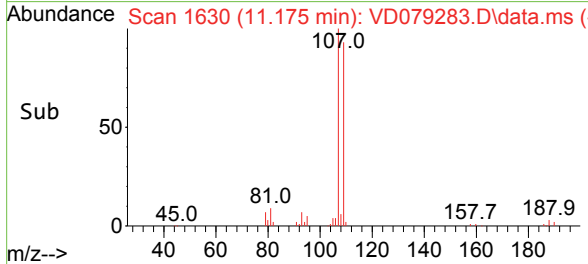
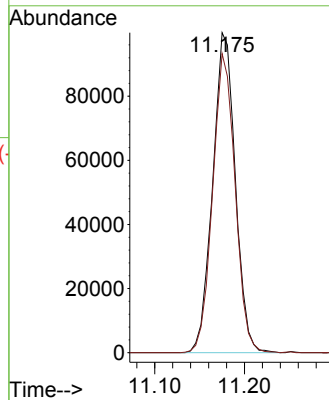
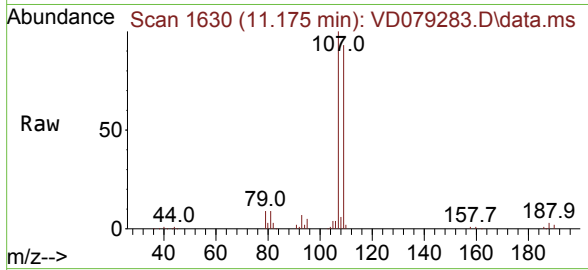




#61
1,2-Dibromoethane
Concen: 102.329 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

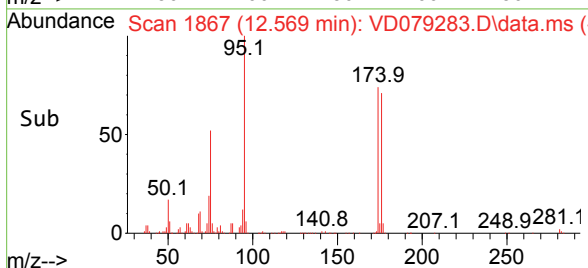
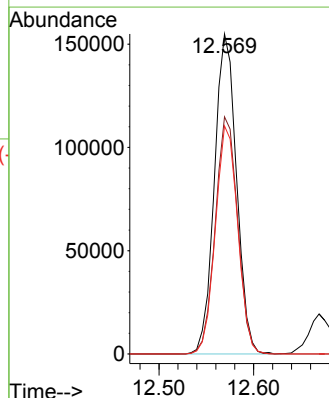
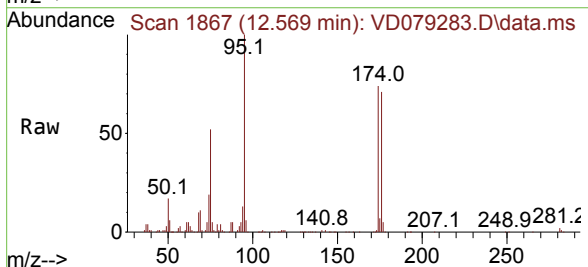
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

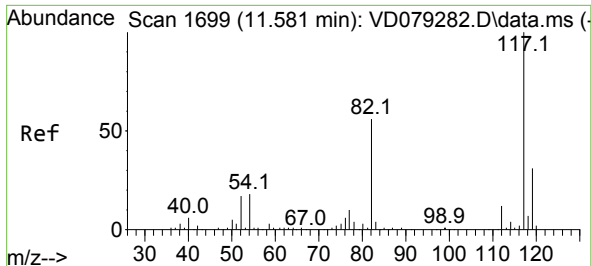
Tgt Ion:107 Resp: 174925
Ion Ratio Lower Upper
107 100
109 92.7 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 100.684 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 95 Resp: 250847
Ion Ratio Lower Upper
95 100
174 75.2 0.0 195.4
176 72.1 0.0 192.6

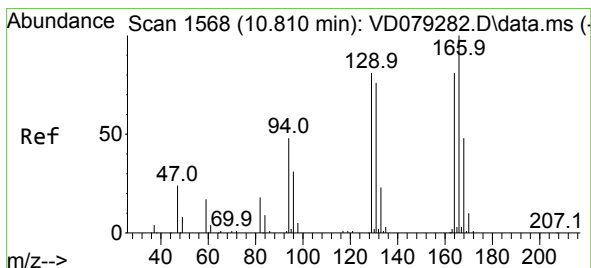
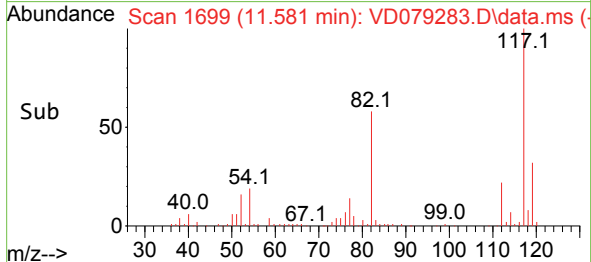
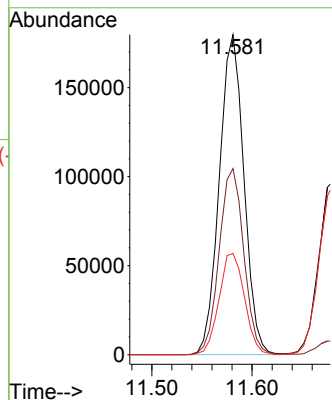
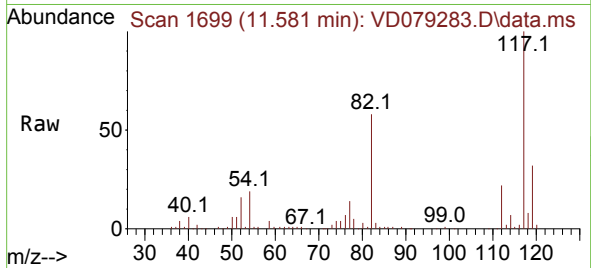




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

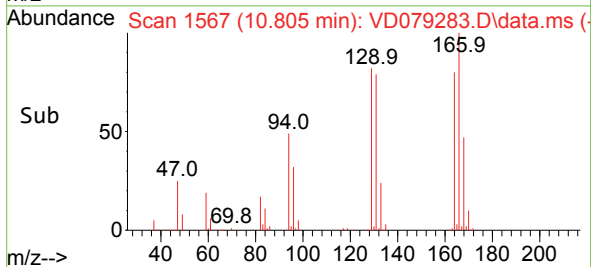
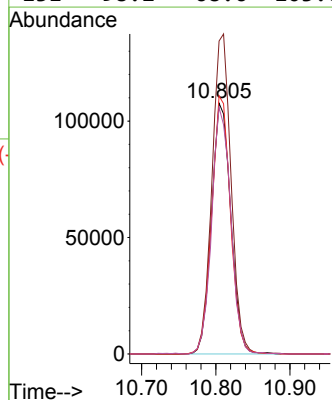
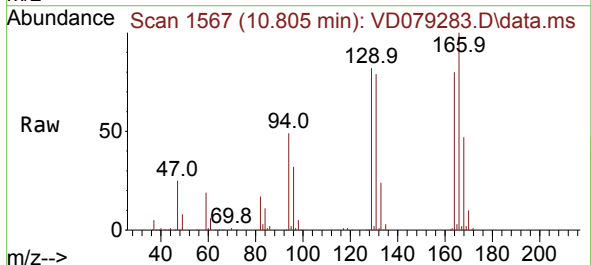
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

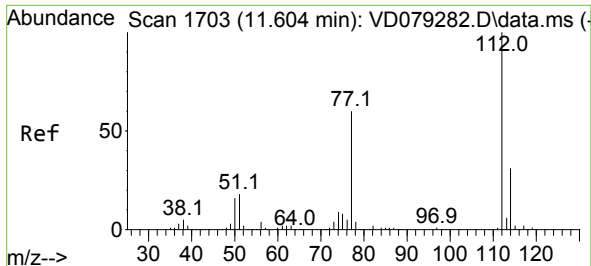
Tgt Ion:117 Resp: 306546
Ion Ratio Lower Upper
117 100
82 58.1 39.8 59.6
119 31.7 25.7 38.5



#64
Tetrachloroethene
Concen: 102.122 ug/l
RT: 10.805 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion:164 Resp: 195048
Ion Ratio Lower Upper
164 100
166 124.9 108.6 163.0
129 102.9 74.6 112.0
131 98.2 68.6 103.0

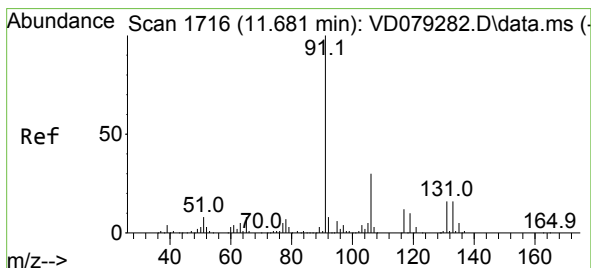
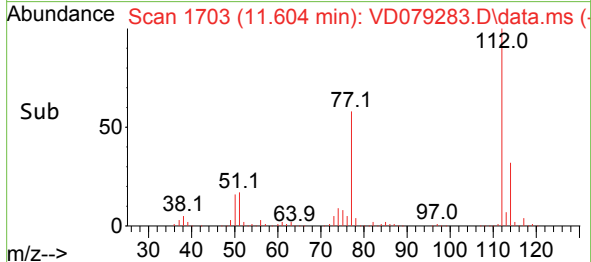
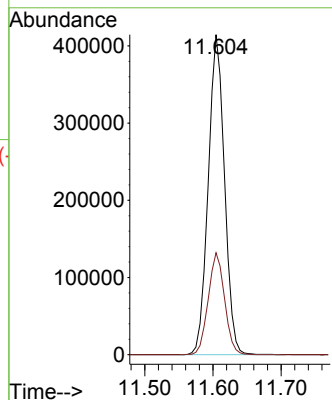
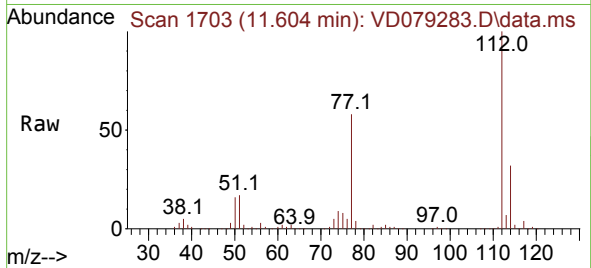




#65
Chlorobenzene
Concen: 100.908 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

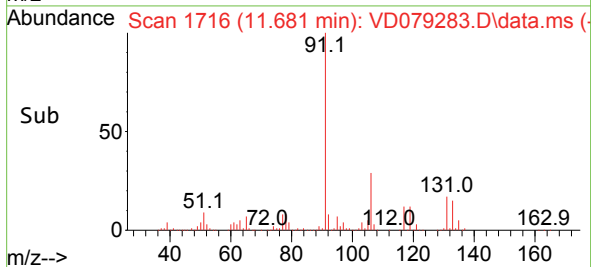
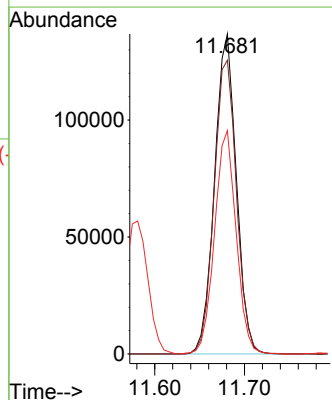
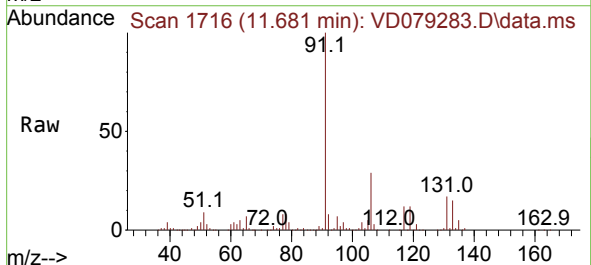
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

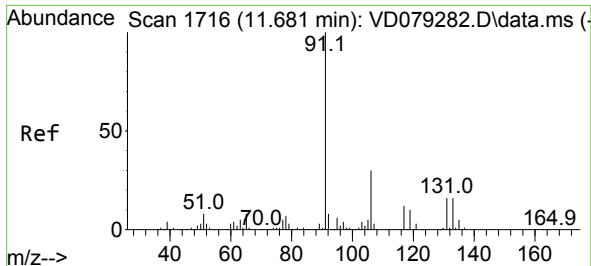
Tgt Ion:112 Resp: 688024
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 99.322 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion:131 Resp: 230503
Ion Ratio Lower Upper
131 100
133 94.4 49.2 147.6
119 69.4 33.4 100.2

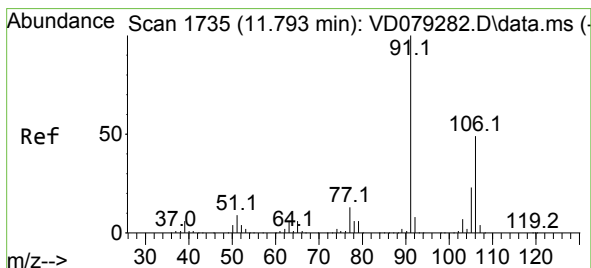
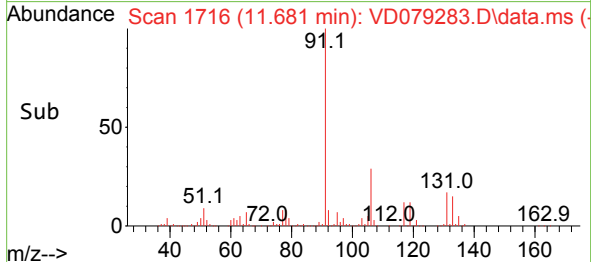
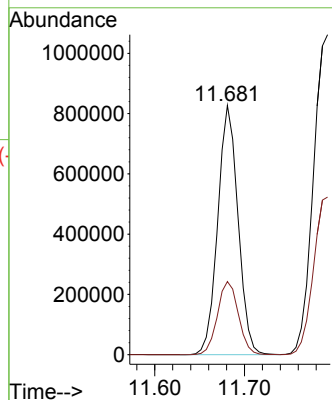
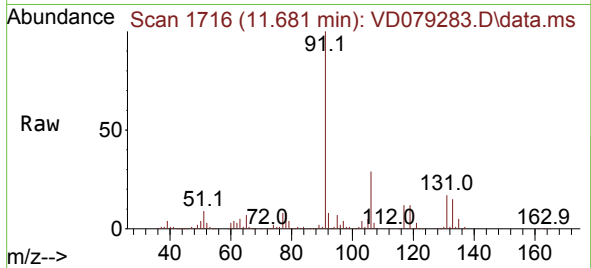




#67
Ethyl Benzene
Concen: 108.979 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

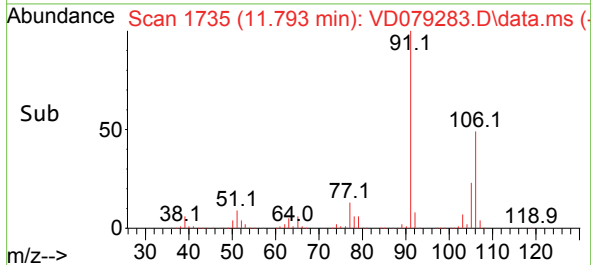
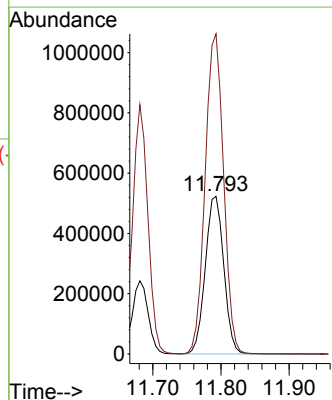
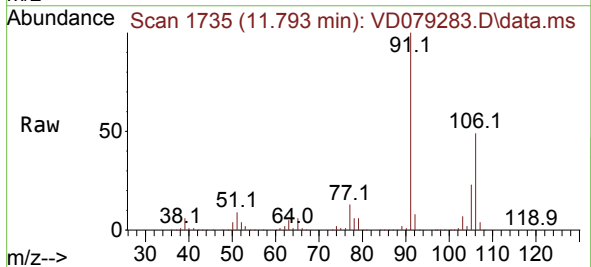
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

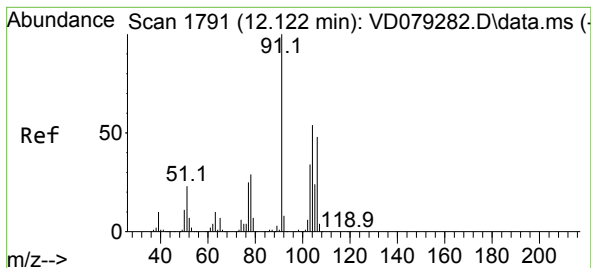
Tgt Ion: 91 Resp: 1296620
Ion Ratio Lower Upper
91 100
106 29.4 25.8 38.6



#68
m/p-Xylenes
Concen: 214.850 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion:106 Resp: 985990
Ion Ratio Lower Upper
106 100
91 202.3 148.5 222.7

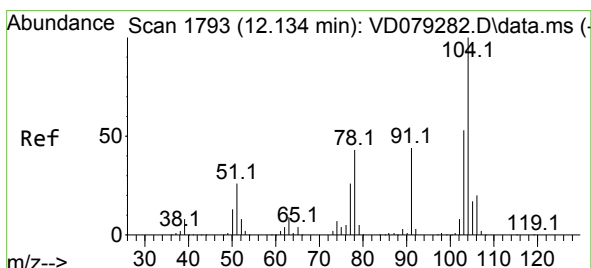
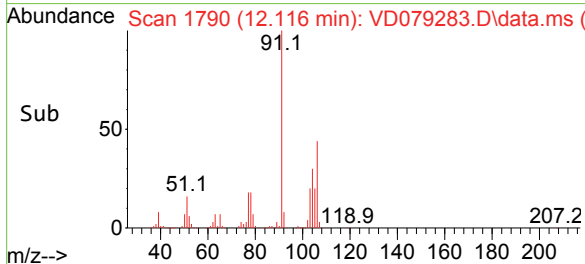
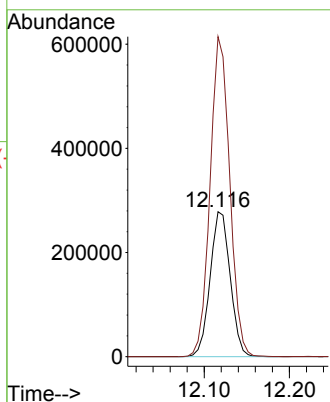
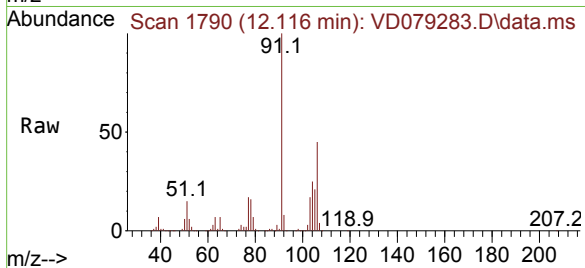




#69
o-Xylene
Concen: 110.351 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

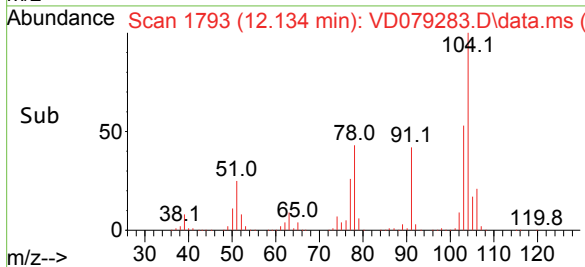
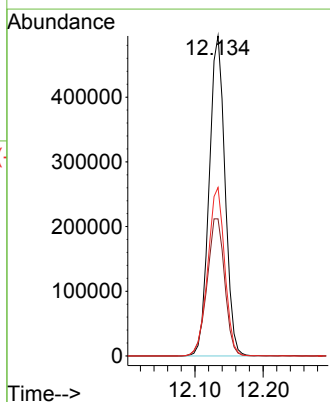
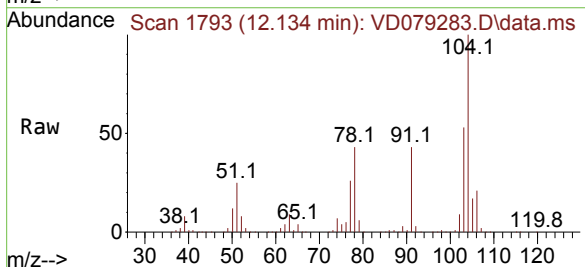
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

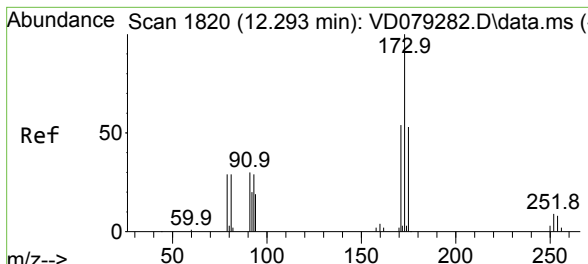
Tgt Ion:106 Resp: 454935
Ion Ratio Lower Upper
106 100
91 216.4 96.7 290.1



#70
Styrene
Concen: 108.904 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion:104 Resp: 800686
Ion Ratio Lower Upper
104 100
78 47.8 33.0 49.6
103 56.2 44.2 66.4

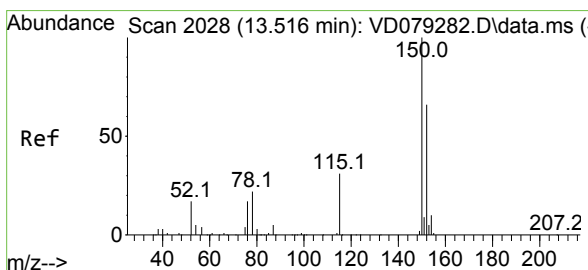
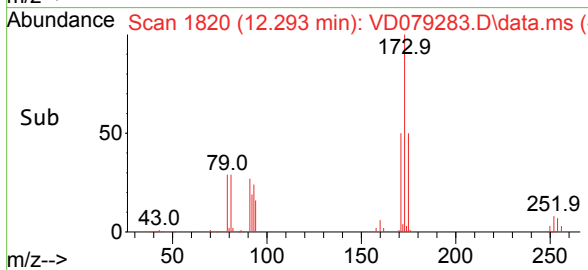
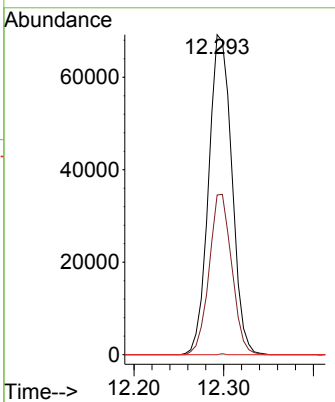
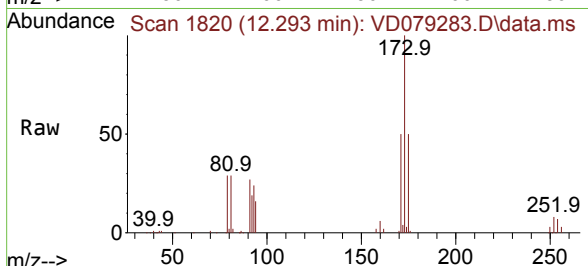




#71
 Bromoform
 Concen: 98.780 ug/l
 RT: 12.293 min Scan# 1820
 Delta R.T. -0.006 min
 Lab File: VD079283.D
 Acq: 28 Jun 2024 15:21

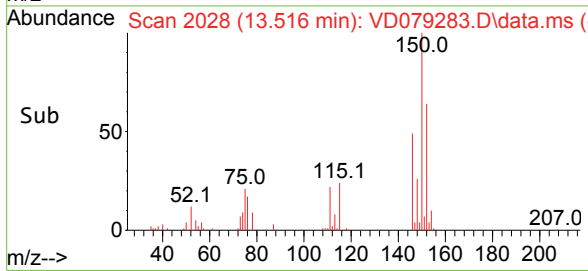
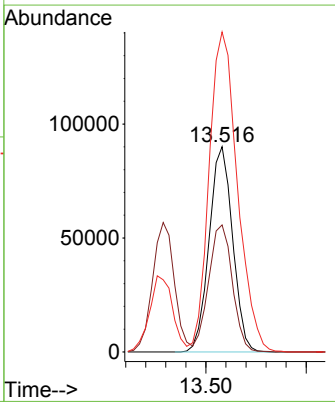
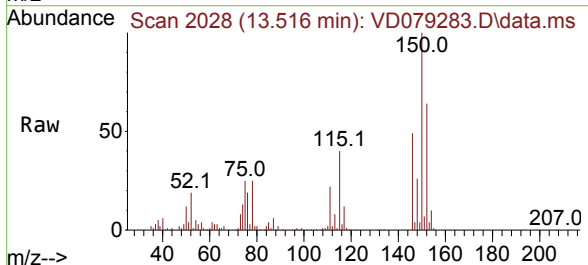
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

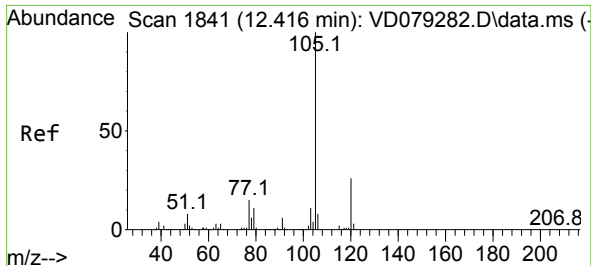
Tgt Ion:	173	Resp:	124323
Ion Ratio	Lower	Upper	
173	100		
175	48.8	23.7	71.1
254	0.1	0.0	0.0#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD079283.D
 Acq: 28 Jun 2024 15:21

Tgt Ion:	152	Resp:	146354
Ion Ratio	Lower	Upper	
152	100		
115	62.7	26.5	79.5
150	187.8	0.0	341.6

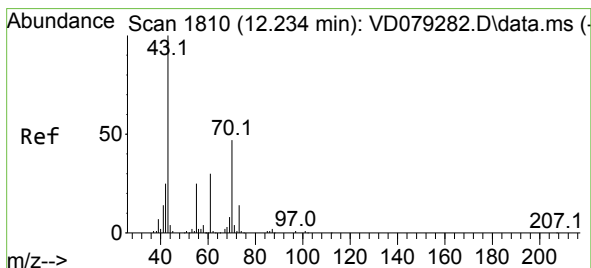
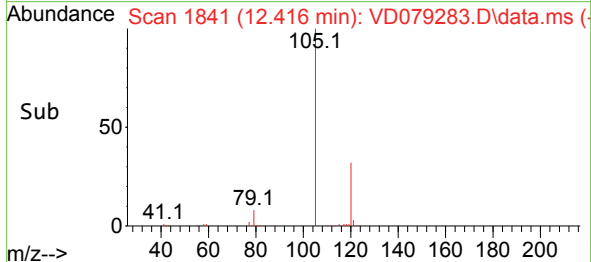
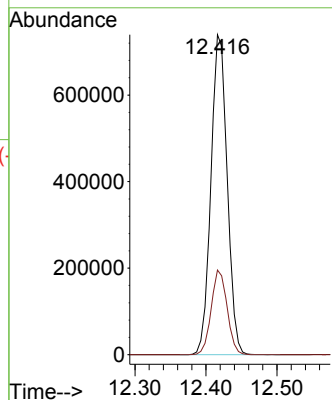
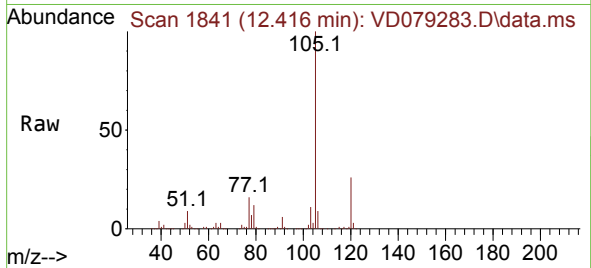




#73
Isopropylbenzene
Concen: 108.012 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

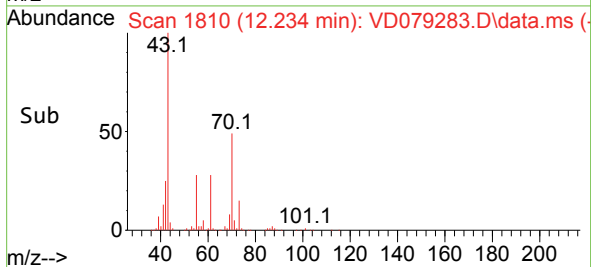
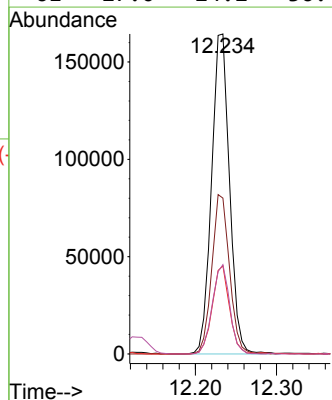
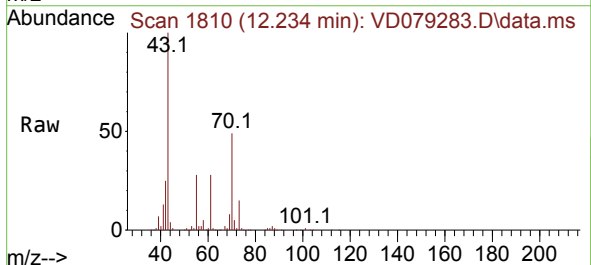
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

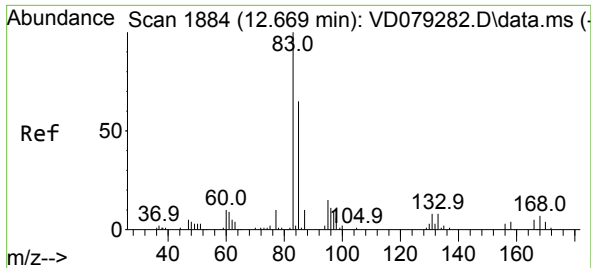
Tgt Ion:105 Resp: 1175141
Ion Ratio Lower Upper
105 100
120 25.8 13.6 40.7



#74
N-ethyl acetate
Concen: 105.916 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 43 Resp: 252926
Ion Ratio Lower Upper
43 100
70 48.9 44.3 66.5
55 26.4 23.2 34.8
61 27.0 24.2 36.4

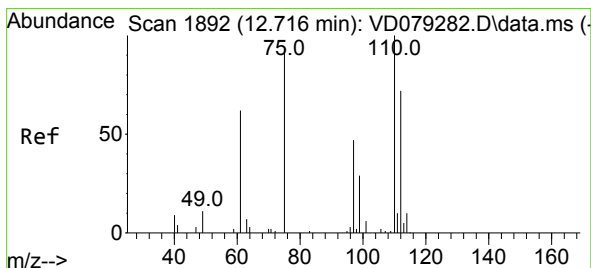
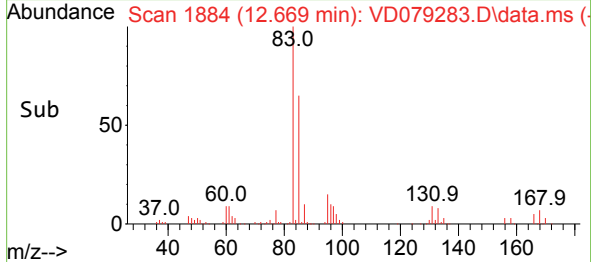
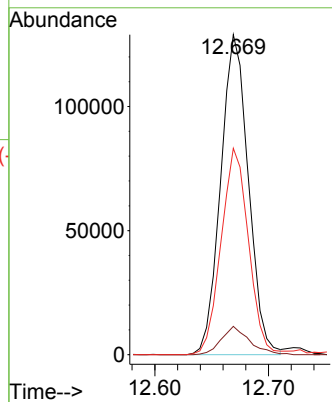
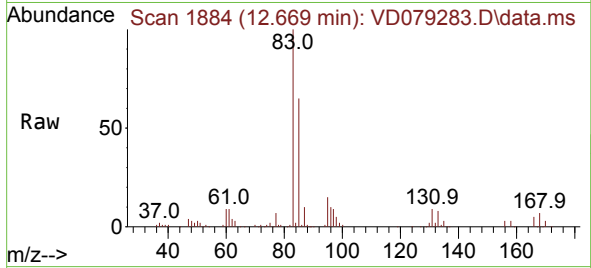




#75
1,1,2,2-Tetrachloroethane
Concen: 96.216 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

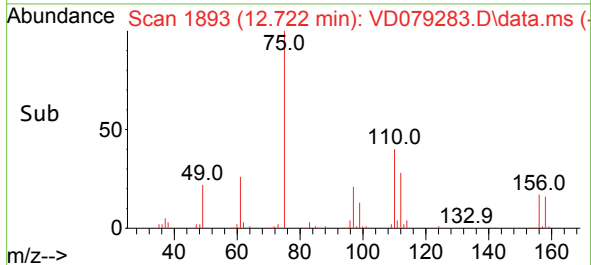
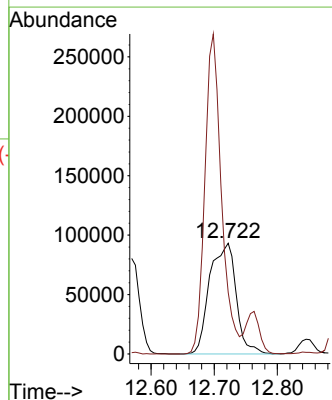
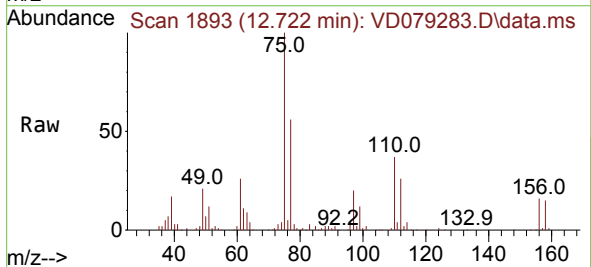
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

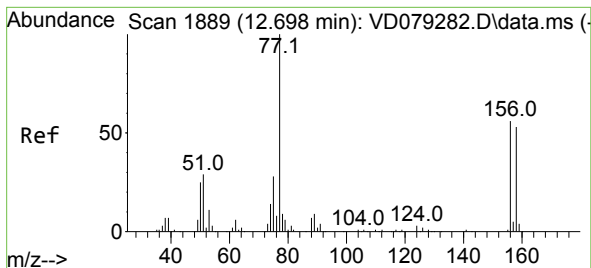
Tgt Ion: 83 Resp: 218216
Ion Ratio Lower Upper
83 100
131 9.0 5.5 16.5
85 64.0 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 187.140 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 75 Resp: 271669
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 101.637 ug/l

RT: 12.699 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

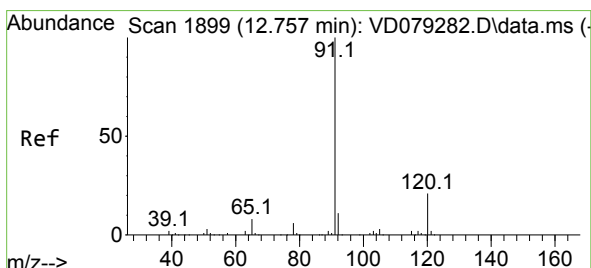
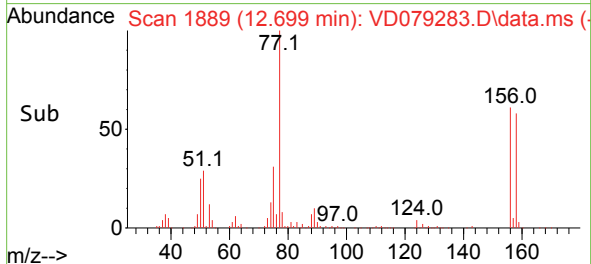
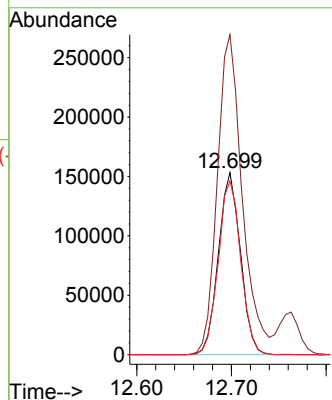
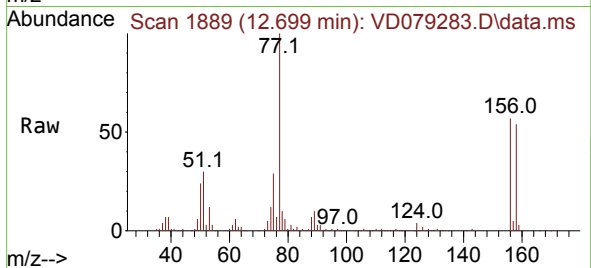
Tgt Ion:156 Resp: 248745

Ion Ratio Lower Upper

156 100

77 198.0 77.3 231.9

158 97.1 49.6 149.0



#78

n-propylbenzene

Concen: 105.515 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD079283.D

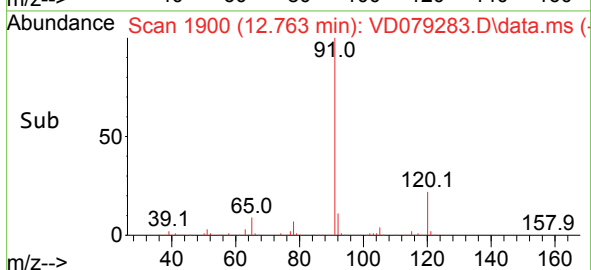
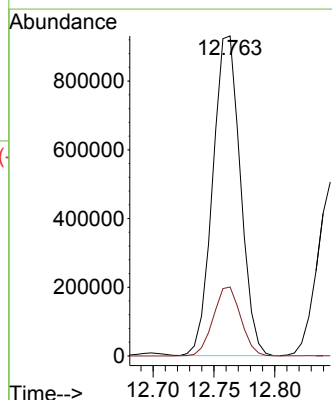
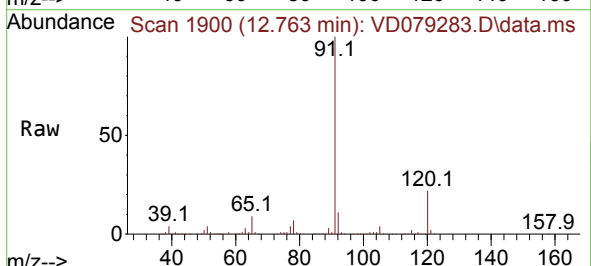
Acq: 28 Jun 2024 15:21

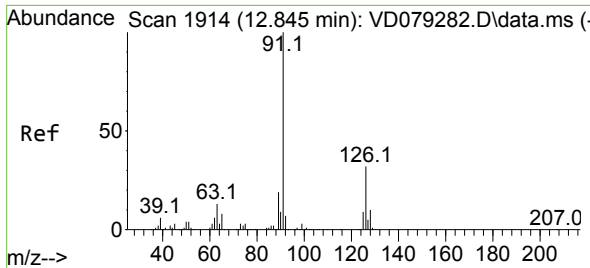
Tgt Ion: 91 Resp: 1469659

Ion Ratio Lower Upper

91 100

120 21.5 12.3 36.8

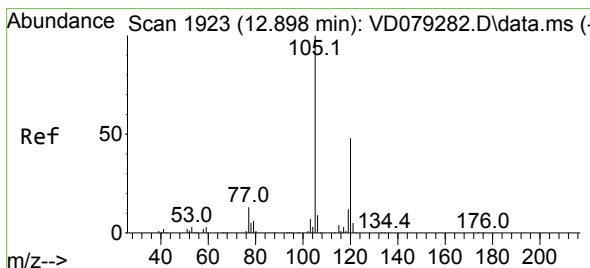
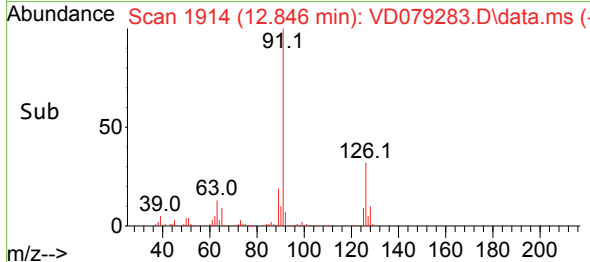
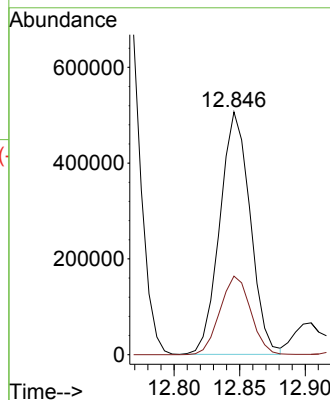
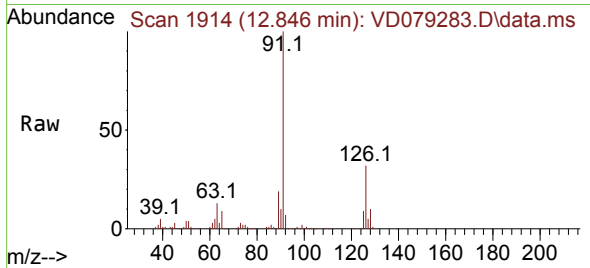




#79
2-Chlorotoluene
Concen: 105.016 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

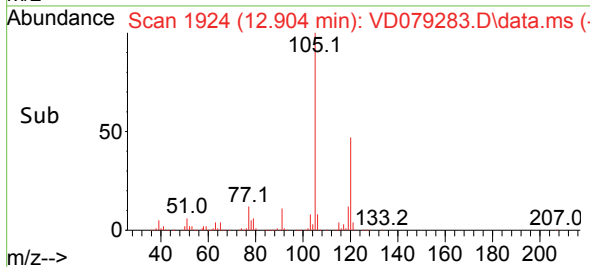
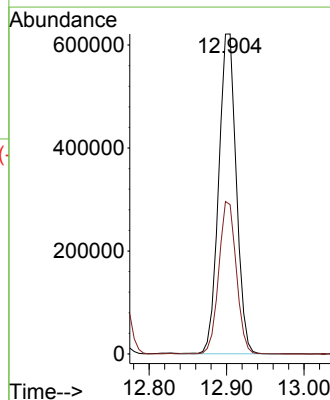
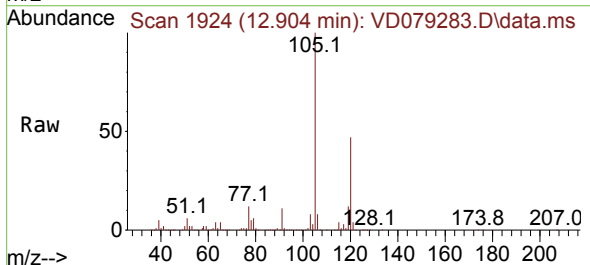
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

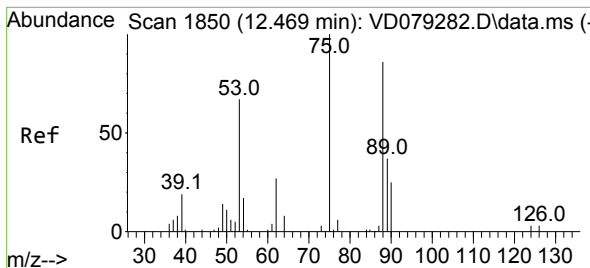
Tgt Ion: 91 Resp: 817743
Ion Ratio Lower Upper
91 100
126 32.7 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 106.277 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 105 Resp: 978962
Ion Ratio Lower Upper
105 100
120 47.3 25.7 77.1

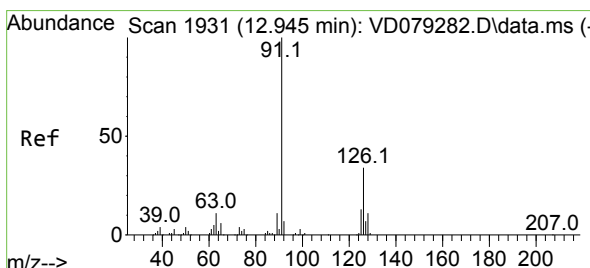
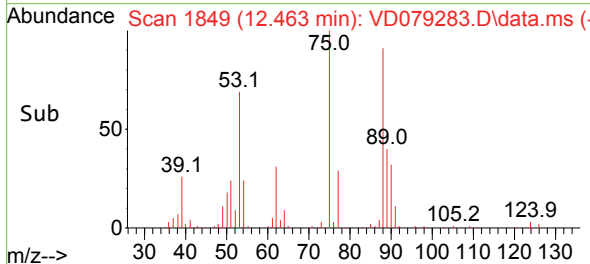
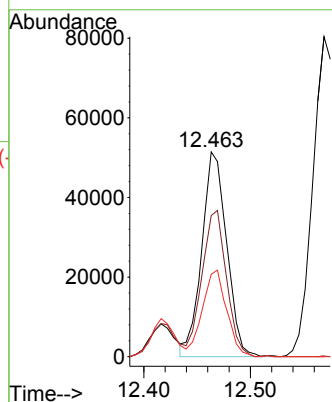
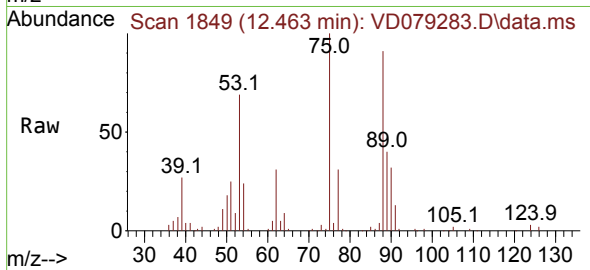




#81
trans-1,4-Dichloro-2-butene
Concen: 106.109 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

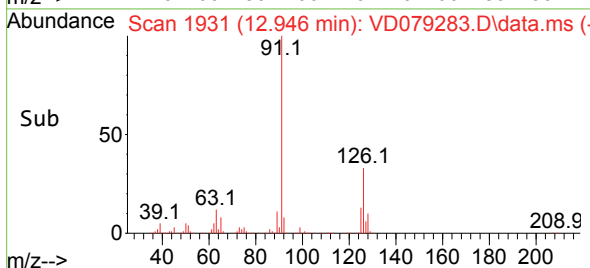
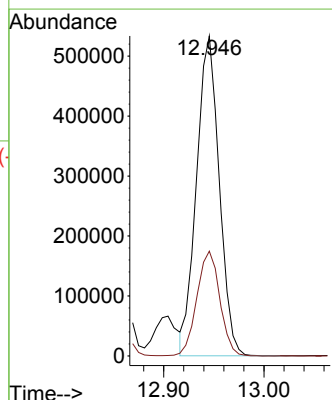
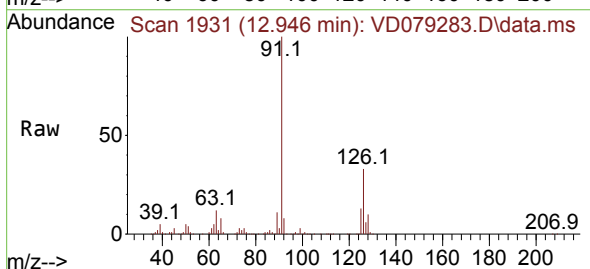
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

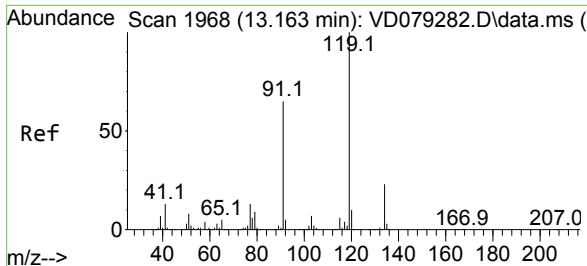
Tgt Ion: 75 Resp: 83752
Ion Ratio Lower Upper
75 100
53 70.1 61.4 92.2
89 41.0 35.4 53.0



#82
4-Chlorotoluene
Concen: 102.629 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 91 Resp: 839635
Ion Ratio Lower Upper
91 100
126 33.2 18.9 56.9

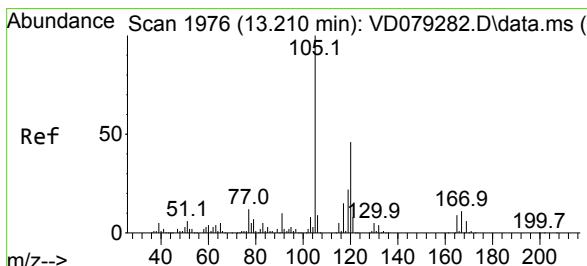
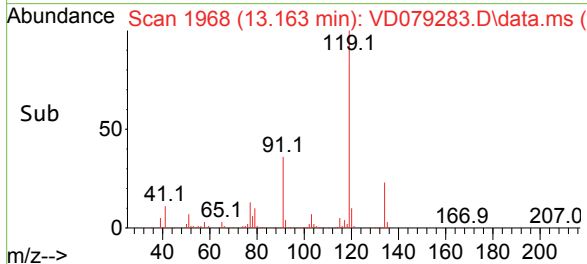
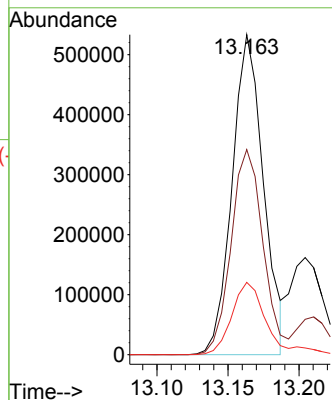
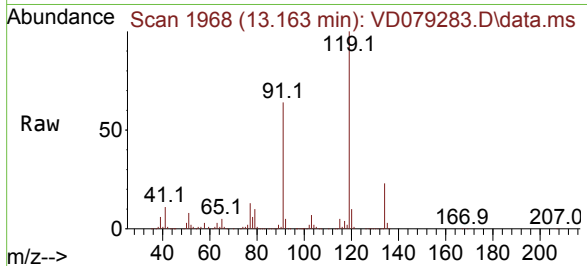




#83
 tert-Butylbenzene
 Concen: 109.721 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: VD079283.D
 Acq: 28 Jun 2024 15:21

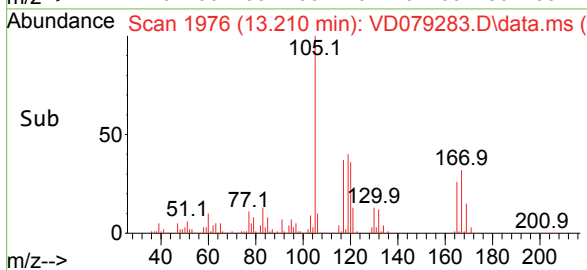
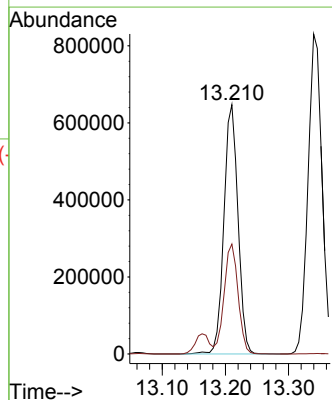
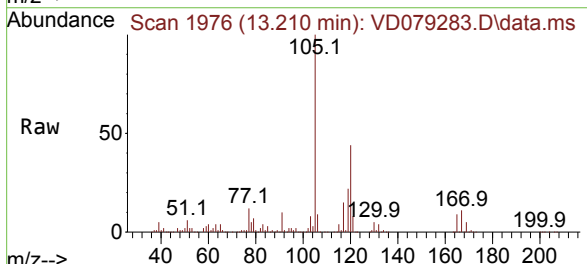
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

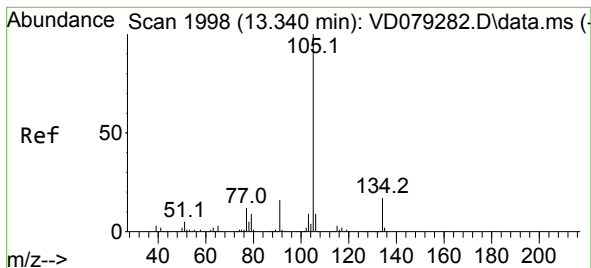
Tgt Ion:119 Resp: 818711
 Ion Ratio Lower Upper
 119 100
 91 65.9 28.2 84.7
 134 25.2 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 108.764 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD079283.D
 Acq: 28 Jun 2024 15:21

Tgt Ion:105 Resp: 1002799
 Ion Ratio Lower Upper
 105 100
 120 43.7 23.6 71.0





#85

sec-Butylbenzene

Concen: 107.425 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA_D

ClientSampleId :

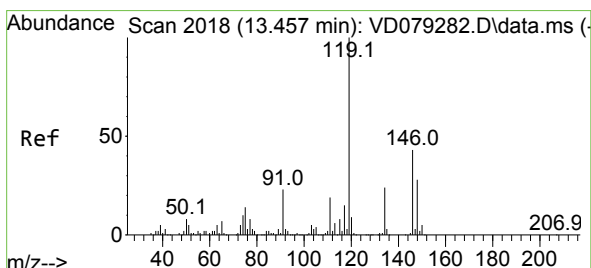
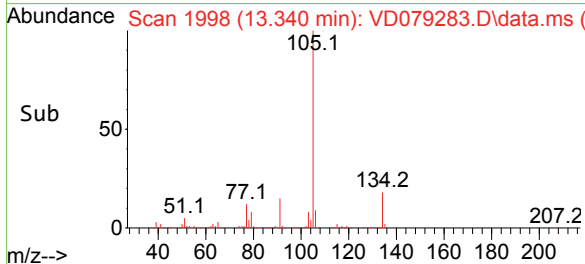
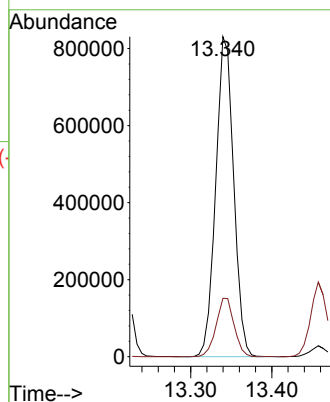
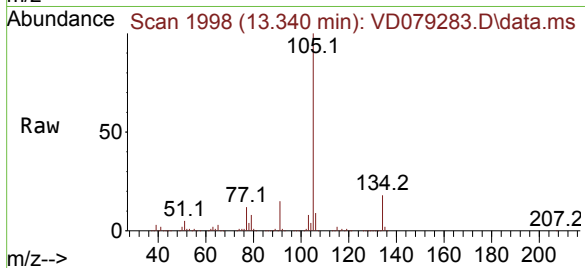
VSTDIC100

Tgt Ion:105 Resp: 1275417

Ion Ratio Lower Upper

105 100

134 18.3 10.3 30.8



#86

p-Isopropyltoluene

Concen: 110.009 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

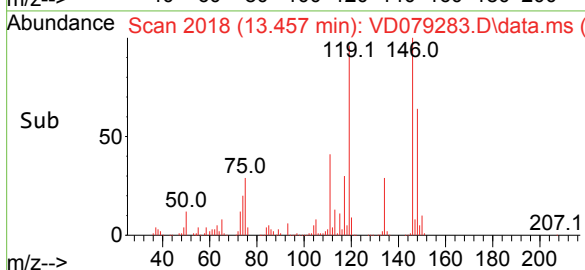
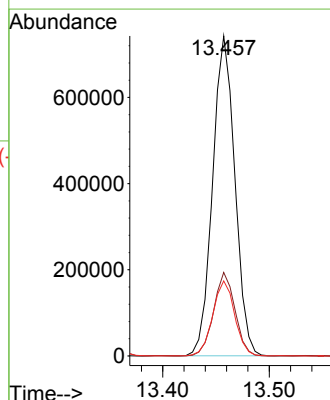
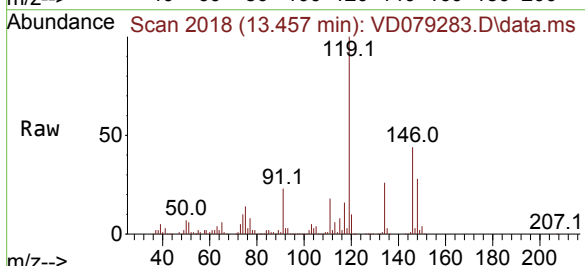
Tgt Ion:119 Resp: 1078033

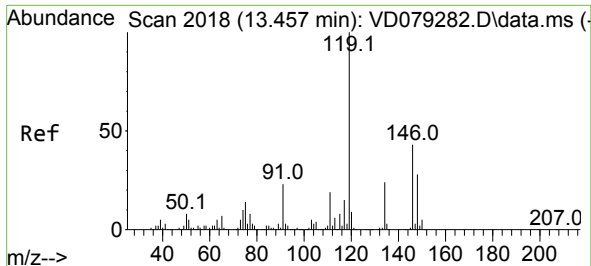
Ion Ratio Lower Upper

119 100

134 25.1 13.7 41.1

91 23.2 10.7 32.1

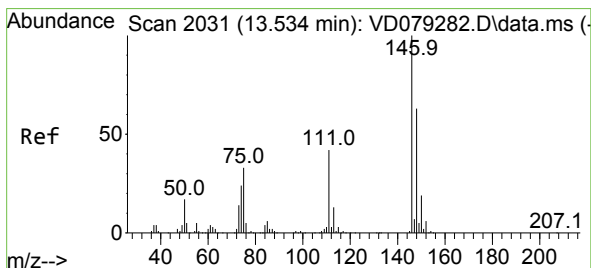
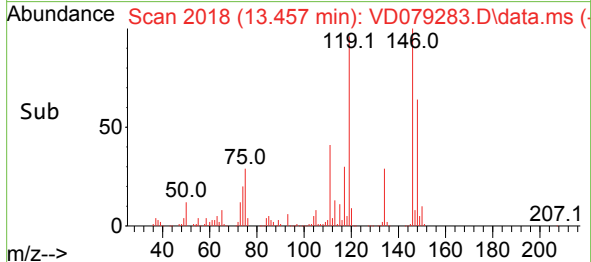
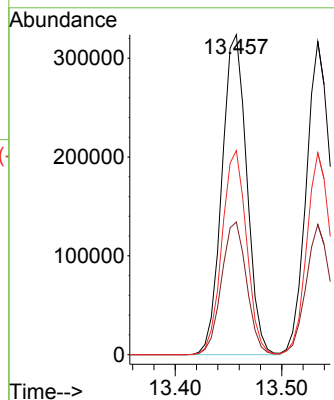
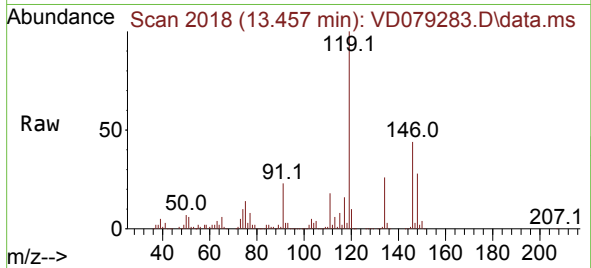




#87
1,3-Dichlorobenzene
Concen: 100.972 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

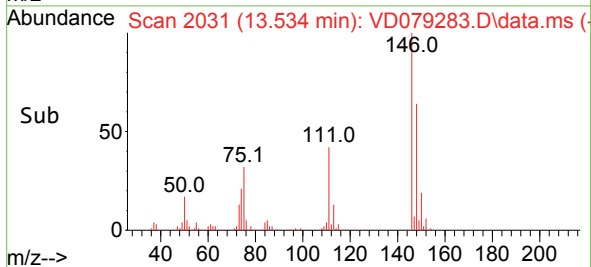
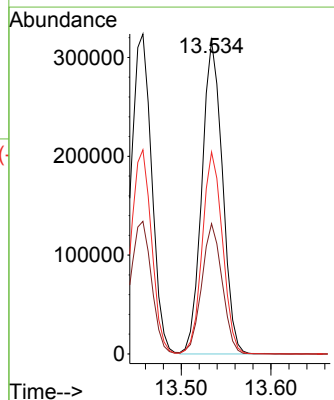
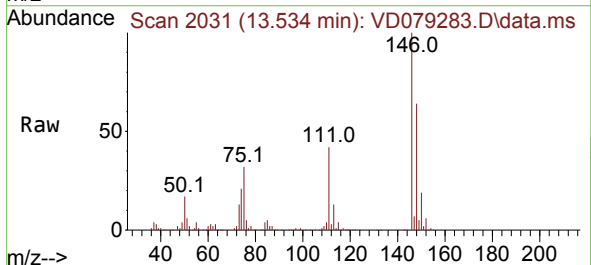
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

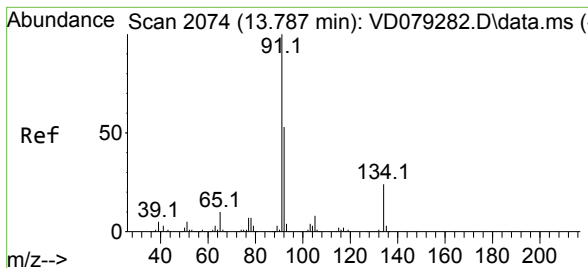
Tgt Ion:146 Resp: 525472
Ion Ratio Lower Upper
146 100
111 41.9 18.5 55.5
148 63.0 30.9 92.8



#88
1,4-Dichlorobenzene
Concen: 97.755 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion:146 Resp: 505602
Ion Ratio Lower Upper
146 100
111 41.4 17.5 52.6
148 63.3 31.4 94.2





#89

n-Butylbenzene

Concen: 109.254 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

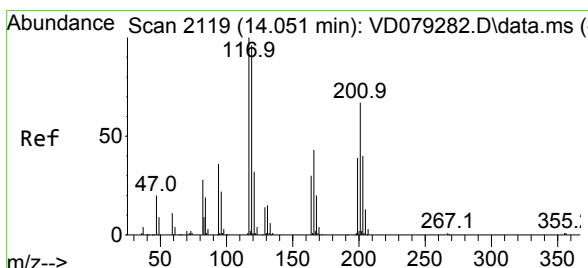
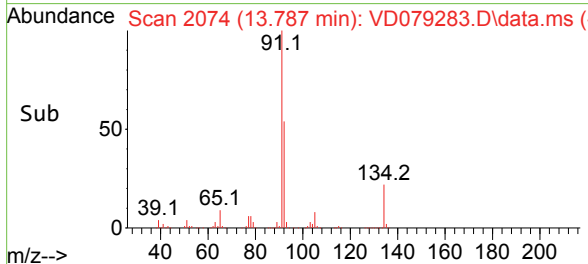
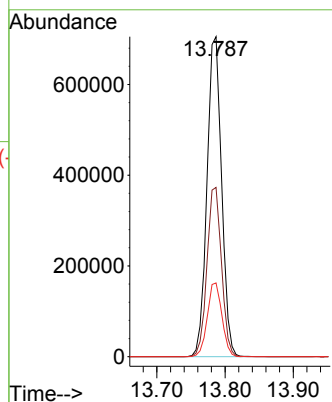
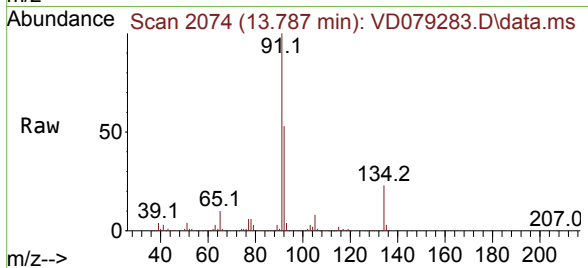
MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 1050580

Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.7	77.0
134	23.1	13.6	40.8



#90

Hexachloroethane

Concen: 97.937 ug/l

RT: 14.051 min Scan# 2119

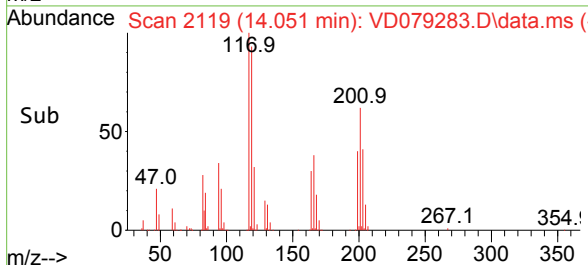
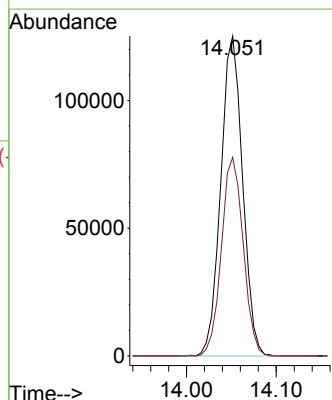
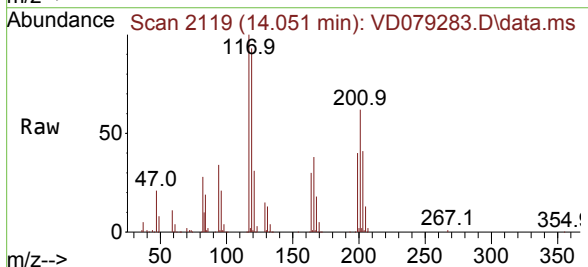
Delta R.T. 0.000 min

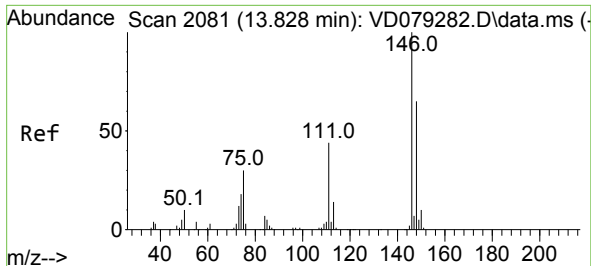
Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Tgt Ion: 117 Resp: 211097

Ion	Ratio	Lower	Upper
117	100		
201	62.1	36.3	108.9

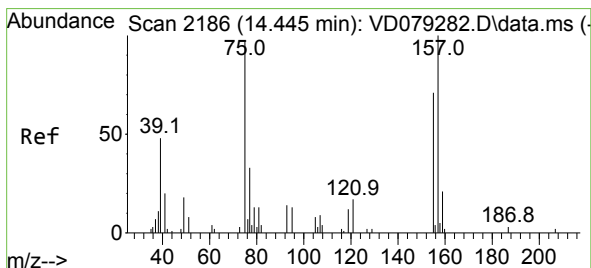
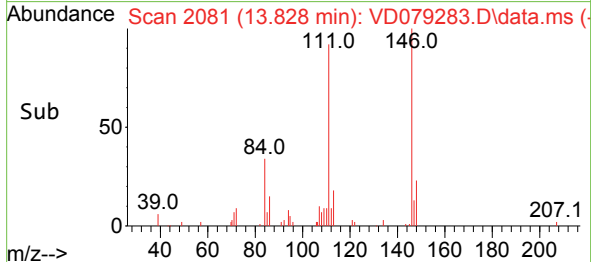
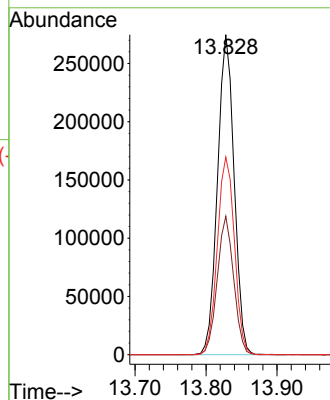
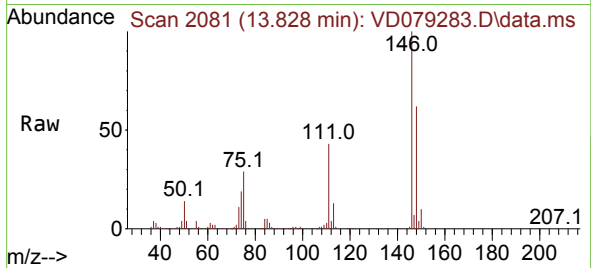




#91
1,2-Dichlorobenzene
Concen: 99.422 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

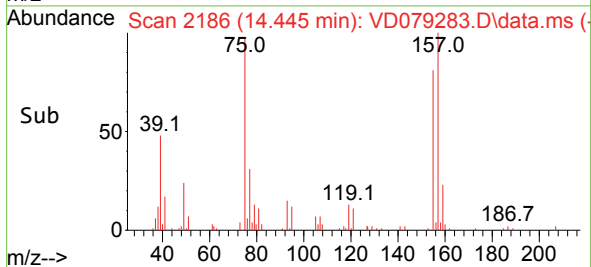
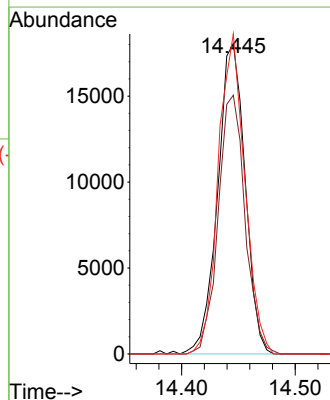
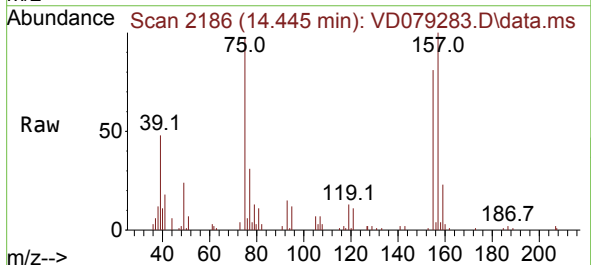
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

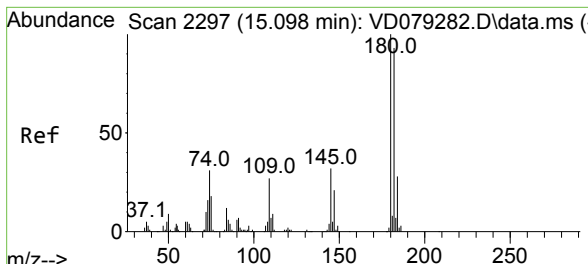
Tgt Ion:146 Resp: 445265
Ion Ratio Lower Upper
146 100
111 42.8 19.1 57.1
148 63.4 31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 97.202 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion: 75 Resp: 30223
Ion Ratio Lower Upper
75 100
155 82.0 47.7 143.1
157 99.8 63.4 190.2

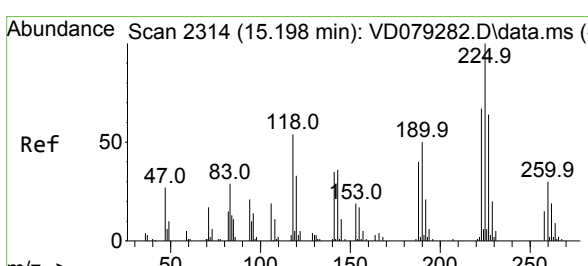
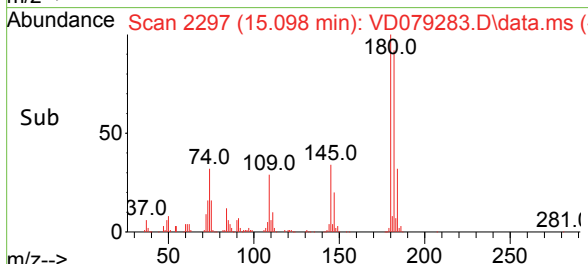
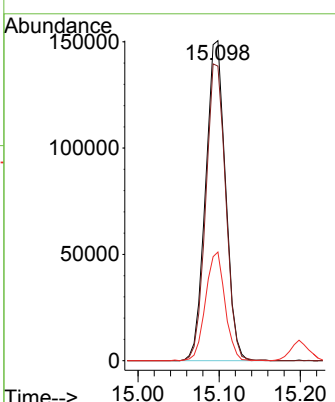
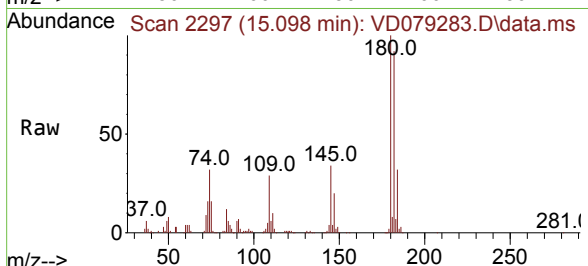




#93
 1,2,4-Trichlorobenzene
 Concen: 107.217 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.006 min
 Lab File: VD079283.D
 Acq: 28 Jun 2024 15:21

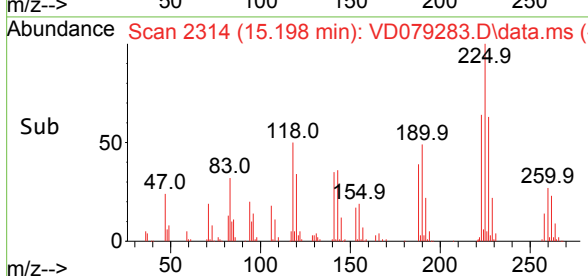
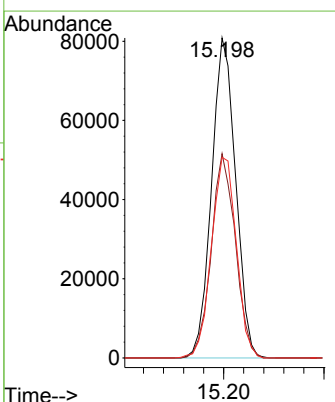
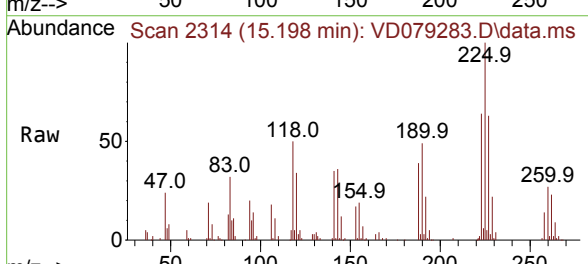
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

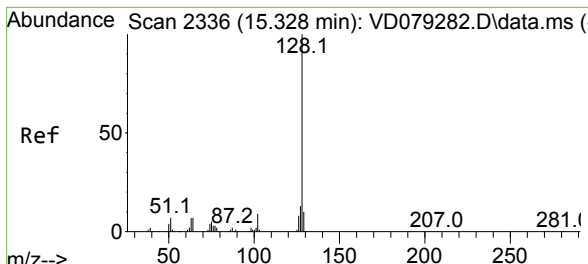
Tgt Ion:	180	Resp:	256031
Ion Ratio	Lower	Upper	
180	100		
182	92.7	46.9	140.7
145	33.2	14.0	41.9



#94
 Hexachlorobutadiene
 Concen: 101.278 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. 0.000 min
 Lab File: VD079283.D
 Acq: 28 Jun 2024 15:21

Tgt Ion:	225	Resp:	134485
Ion Ratio	Lower	Upper	
225	100		
223	64.0	33.3	99.9
227	65.1	33.6	100.6

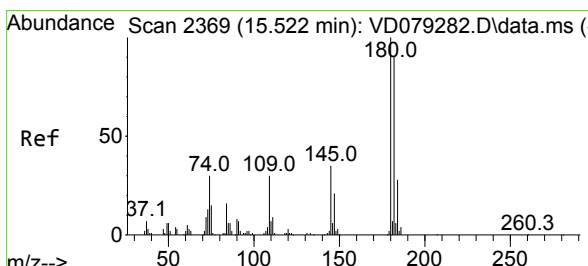
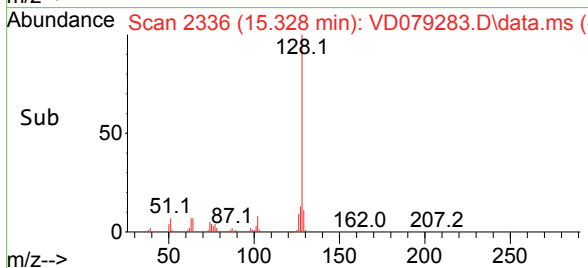
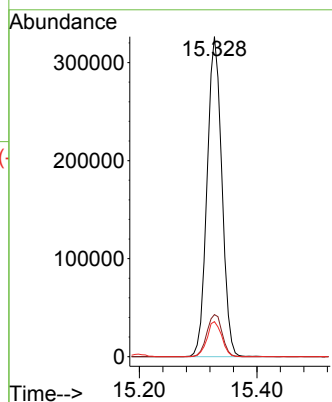
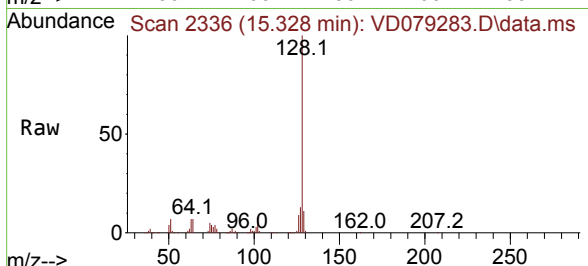




#95
Naphthalene
Concen: 121.516 ug/l
RT: 15.328 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 566399
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 107.741 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD079283.D
Acq: 28 Jun 2024 15:21

Tgt Ion:180 Resp: 227497
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 34.9 16.1 48.2

