

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062824\
 Data File : VD079284.D
 Acq On : 28 Jun 2024 15:48
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 29 06:09:20 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	7.875	168	196492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	346362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	325920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	154923	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	275440	151.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	303.340%#
35) Dibromofluoromethane	7.805	113	309785	136.258	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	272.520%#
50) Toluene-d8	10.269	98	1088680	133.107	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	266.220%#
62) 4-Bromofluorobenzene	12.569	95	403569	153.874	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	307.740%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	309034	139.150	ug/l	98
3) Chloromethane	2.146	50	450398	133.746	ug/l	98
4) Vinyl Chloride	2.275	62	535552	142.619	ug/l	97
5) Bromomethane	2.658	94	421615	151.640	ug/l	98
6) Chloroethane	2.822	64	361663	135.771	ug/l	98
7) Trichlorofluoromethane	3.164	101	583026	135.735	ug/l	99
8) Diethyl Ether	3.587	74	197909	156.647	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.958	101	369435	138.435	ug/l	94
10) Methyl Iodide	4.158	142	451665	148.804	ug/l	97
11) Tert butyl alcohol	5.058	59	105968	805.983	ug/l #	83
12) 1,1-Dichloroethene	3.934	96	384867	148.984	ug/l	90
13) Acrolein	3.793	56	201683	775.637	ug/l	100
14) Allyl chloride	4.552	41	517018	156.824	ug/l #	85
15) Acrylonitrile	5.246	53	457470	794.424	ug/l	98
16) Acetone	4.017	43	402278	862.604	ug/l	99
17) Carbon Disulfide	4.264	76	1291909	142.360	ug/l	100
18) Methyl Acetate	4.558	43	211236	155.911	ug/l #	87
19) Methyl tert-butyl Ether	5.311	73	862437	162.945	ug/l	98
20) Methylene Chloride	4.793	84	447187	150.441	ug/l	88
21) trans-1,2-Dichloroethene	5.305	96	424330	146.177	ug/l #	85
22) Diisopropyl ether	6.216	45	1066119	148.627	ug/l	94
23) Vinyl Acetate	6.152	43	4396633	809.738	ug/l	93
24) 1,1-Dichloroethane	6.105	63	721142	143.395	ug/l	95
25) 2-Butanone	7.075	43	554058	852.794	ug/l	94
26) 2,2-Dichloropropane	7.069	77	569545	143.452	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	492186	154.768	ug/l	88
28) Bromochloromethane	7.422	49	288753	137.706	ug/l #	73
29) Tetrahydrofuran	7.440	42	334842	829.628	ug/l	86
30) Chloroform	7.593	83	721792	139.132	ug/l	99
31) Cyclohexane	7.875	56	596113	142.717	ug/l	88
32) 1,1,1-Trichloroethane	7.787	97	605048	142.095	ug/l	99
36) 1,1-Dichloropropene	8.005	75	544488	154.148	ug/l	96
37) Ethyl Acetate	7.163	43	234101	174.111	ug/l	97
38) Carbon Tetrachloride	7.987	117	532592	148.476	ug/l	98
39) Methylcyclohexane	9.269	83	702629	169.076	ug/l	92
40) Benzene	8.246	78	1696120	153.910	ug/l	95

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	116571	157.728	ug/l	92
42) 1,2-Dichloroethane	8.322	62	389193	146.844	ug/l	97
43) Isopropyl Acetate	8.357	43	427334	164.684	ug/l	95
44) Trichloroethene	9.028	130	376091	149.403	ug/l	87
45) 1,2-Dichloropropane	9.305	63	406810	151.611	ug/l	95
46) Dibromomethane	9.393	93	232005	152.451	ug/l	89
47) Bromodichloromethane	9.581	83	556266	149.368	ug/l	98
48) Methyl methacrylate	9.375	41	204122	174.338	ug/l	87
49) 1,4-Dioxane	9.381	88	51034	3272.560	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	1156821	856.671	ug/l	100
52) Toluene	10.334	92	1057727	157.659	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	544471	161.892	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	637010	157.858	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	297053	151.337	ug/l	95
56) Ethyl methacrylate	10.593	69	423111	152.303	ug/l	96
57) 1,3-Dichloropropane	10.875	76	525840	156.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	974352	767.463	ug/l	89
59) 2-Hexanone	10.922	43	844287	880.423	ug/l	100
60) Dibromochloromethane	11.069	129	378908	152.929	ug/l	99
61) 1,2-Dibromoethane	11.175	107	284535	158.117	ug/l	97
64) Tetrachloroethene	10.804	164	307852	151.602	ug/l	90
65) Chlorobenzene	11.604	112	1098688	151.558	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	363908	147.484	ug/l	97
67) Ethyl Benzene	11.681	91	2082037	164.590	ug/l	97
68) m/p-Xylenes	11.793	106	1586104	325.072	ug/l	87
69) o-Xylene	12.116	106	738092	168.392	ug/l	84
70) Styrene	12.134	104	1315081	168.235	ug/l	95
71) Bromoform	12.298	173	204486	152.815	ug/l #	98
73) Isopropylbenzene	12.416	105	1912036	166.023	ug/l	97
74) N-amyl acetate	12.228	43	420551	166.371	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	347489	144.741	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	448155	291.638	ug/l #	100
77) Bromobenzene	12.698	156	403094	155.593	ug/l	78
78) n-propylbenzene	12.763	91	2366518	160.508	ug/l	94
79) 2-Chlorotoluene	12.845	91	1307096	158.575	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	1598258	163.911	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	130358	156.021	ug/l	100
82) 4-Chlorotoluene	12.945	91	1360887	157.142	ug/l	92
83) tert-Butylbenzene	13.163	119	1341518	169.841	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	1634853	167.510	ug/l	95
85) sec-Butylbenzene	13.340	105	2079327	165.449	ug/l	96
86) p-Isopropyltoluene	13.457	119	1768659	170.502	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	846134	153.596	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	819959	149.765	ug/l	97
89) n-Butylbenzene	13.781	91	1688932	165.924	ug/l	96
90) Hexachloroethane	14.051	117	334029	146.398	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	722169	152.332	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	49397	150.082	ug/l	88
93) 1,2,4-Trichlorobenzene	15.092	180	429533	169.925	ug/l	97
94) Hexachlorobutadiene	15.198	225	215782	153.513	ug/l	96
95) Naphthalene	15.328	128	962617	195.099	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	377047	168.690	ug/l	98

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MSVOA_D
ClientSampleId :
VSTDICC150

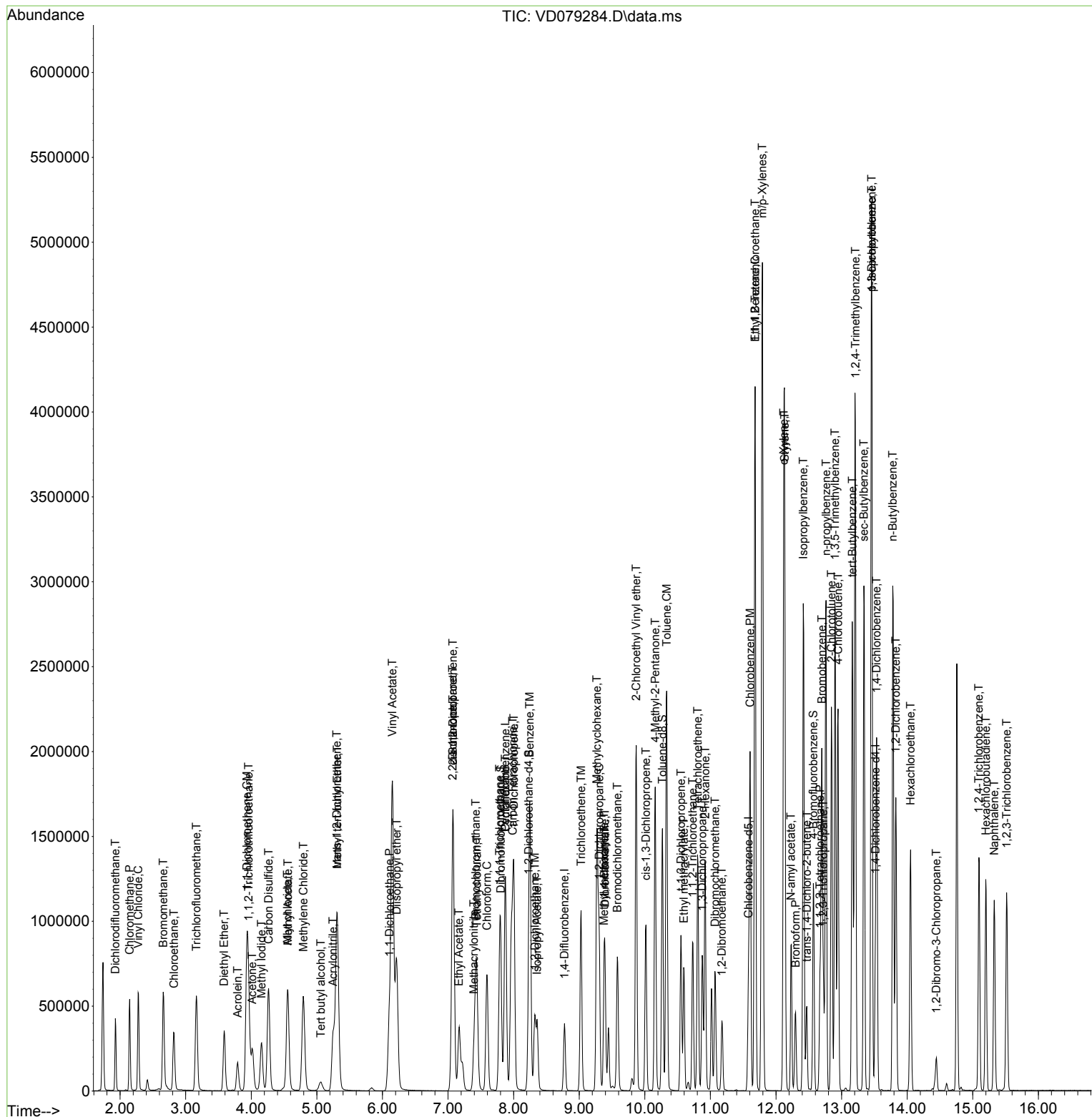
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 05:53:01 2024
Response via : Initial Calibration

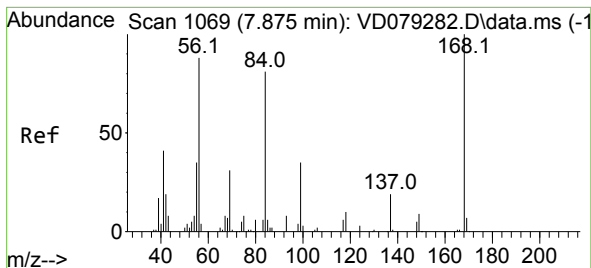
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Quant Time: Jun 29 06:09:20 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

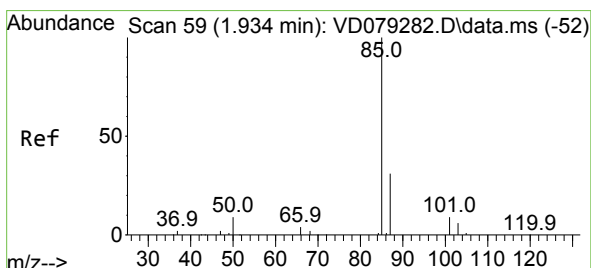
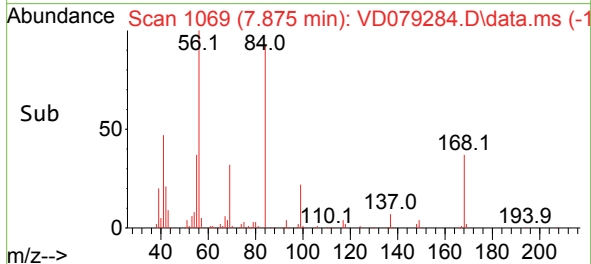
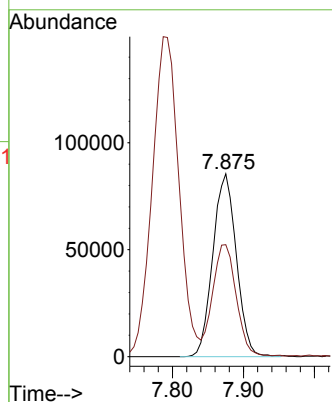
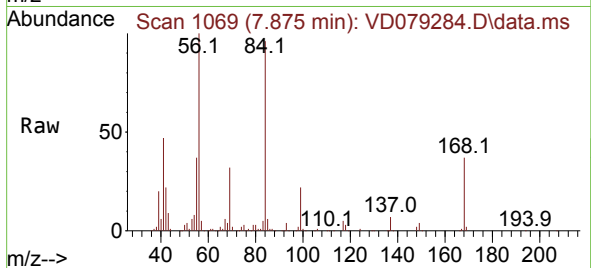
VSTDIC150

Tgt Ion:168 Resp: 196492

Ion Ratio Lower Upper

168 100

99 60.4 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 139.150 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD079284.D

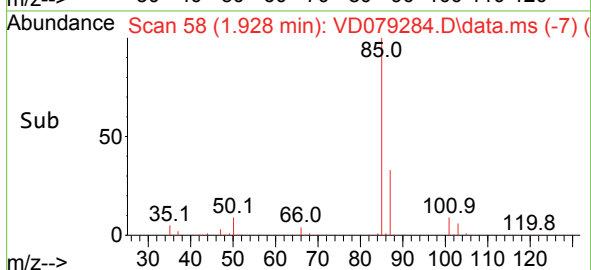
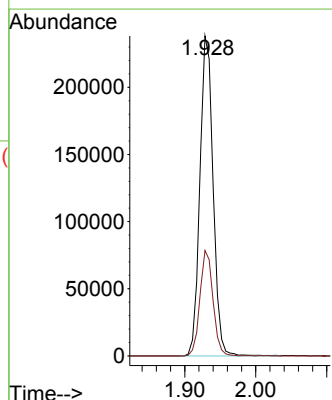
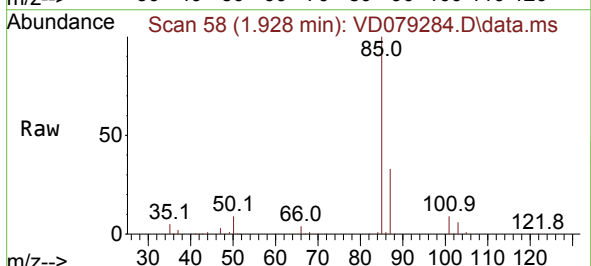
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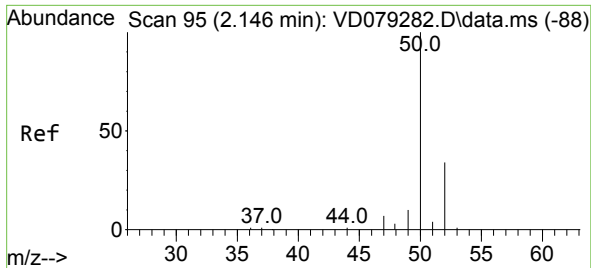
Tgt Ion: 85 Resp: 309034

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0

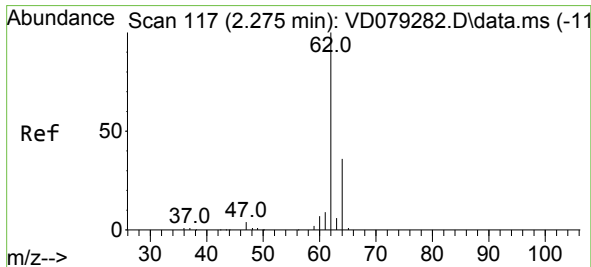
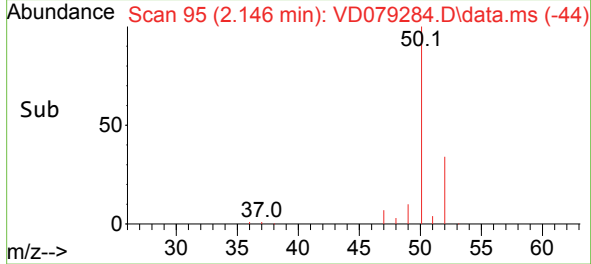
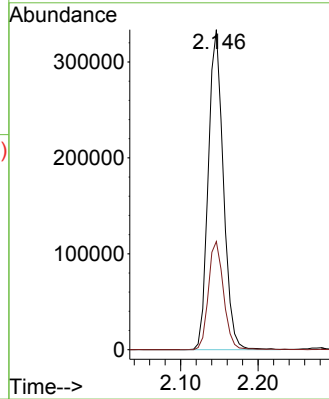
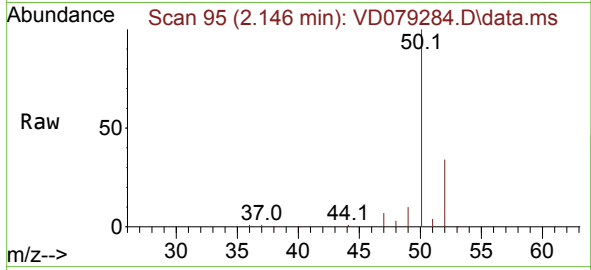




#3
Chloromethane
Concen: 133.746 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

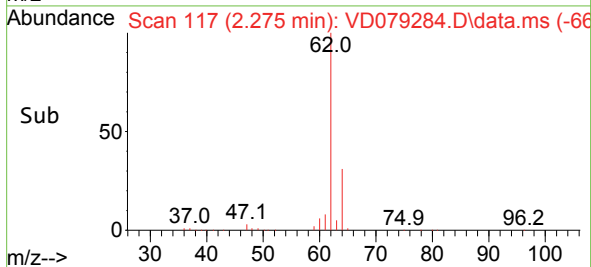
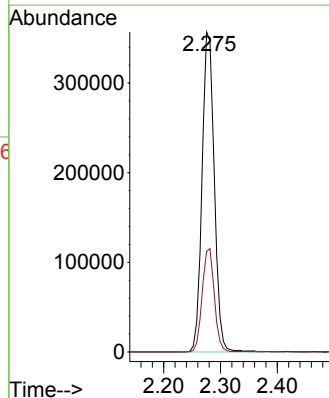
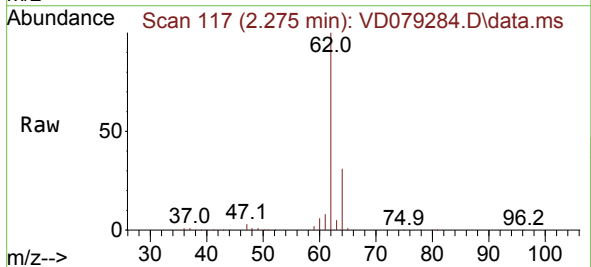
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

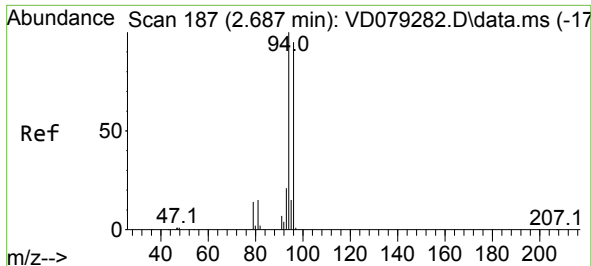
Tgt Ion: 50 Resp: 450398
Ion Ratio Lower Upper
50 100
52 33.8 28.2 42.2



#4
Vinyl Chloride
Concen: 142.619 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 62 Resp: 535552
Ion Ratio Lower Upper
62 100
64 31.5 26.3 39.5

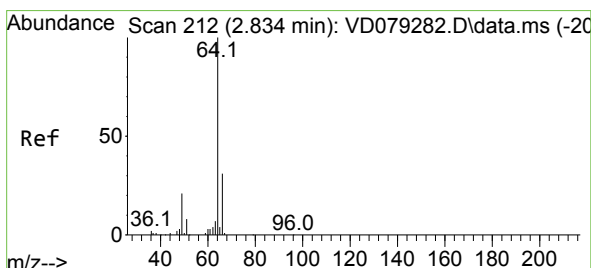
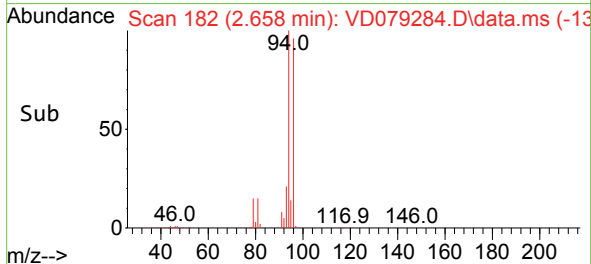
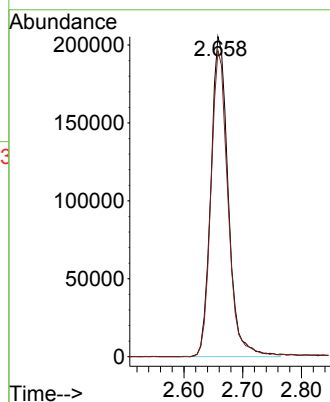
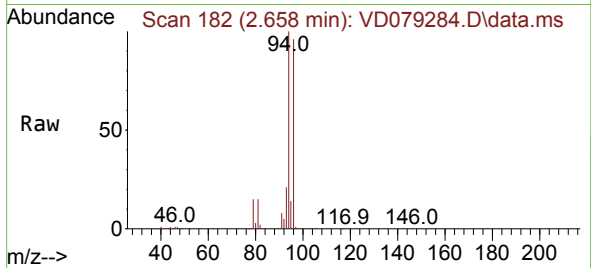




#5
Bromomethane
Concen: 151.640 ug/l
RT: 2.658 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

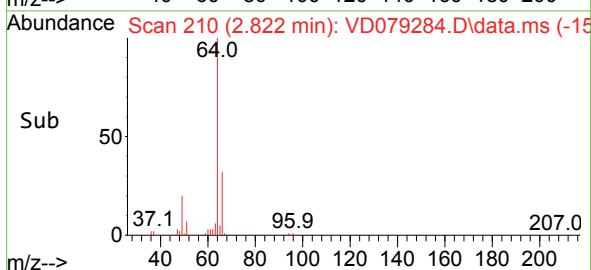
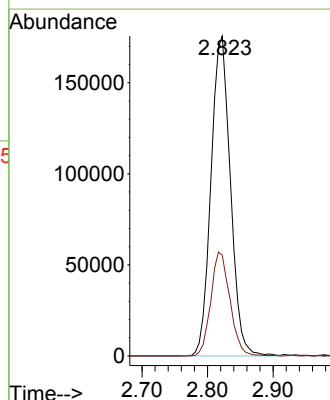
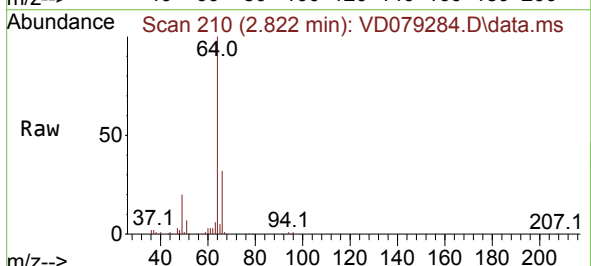
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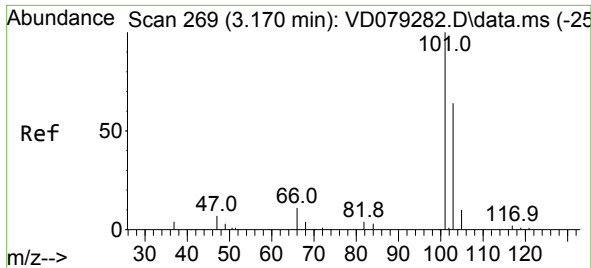
Tgt Ion: 94 Resp: 421615
Ion Ratio Lower Upper
94 100
96 94.4 76.9 115.3



#6
Chloroethane
Concen: 135.771 ug/l
RT: 2.822 min Scan# 210
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 64 Resp: 361663
Ion Ratio Lower Upper
64 100
66 31.5 24.5 36.7

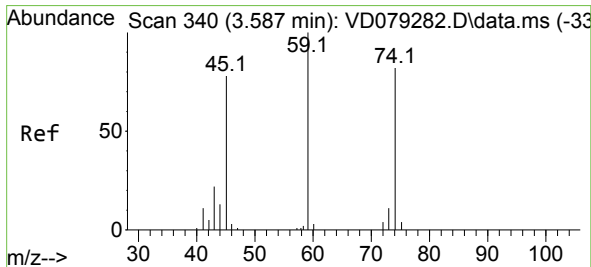
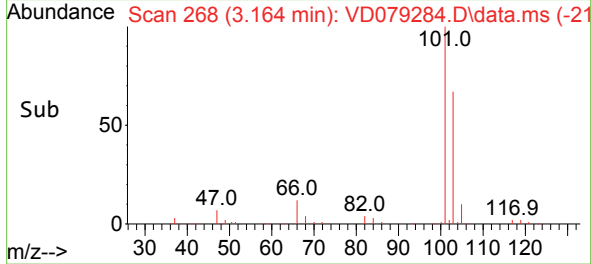
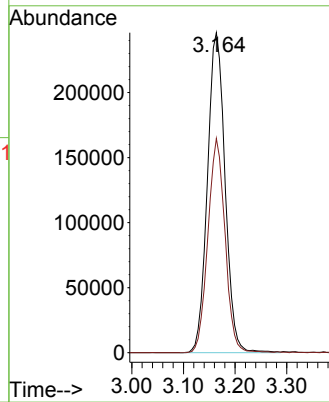
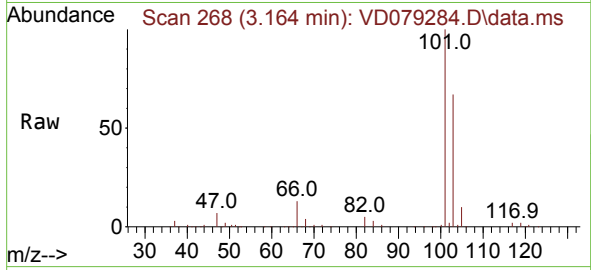




#7
 Trichlorofluoromethane
 Concen: 135.735 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD079284.D
 Acq: 28 Jun 2024 15:48

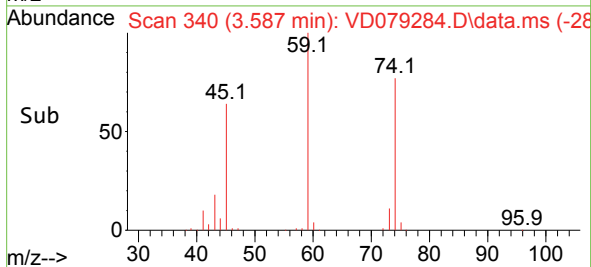
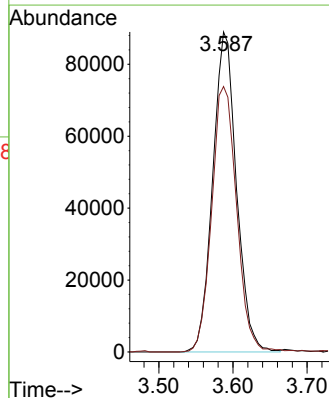
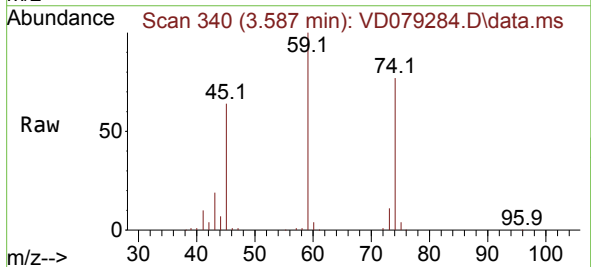
Instrument :
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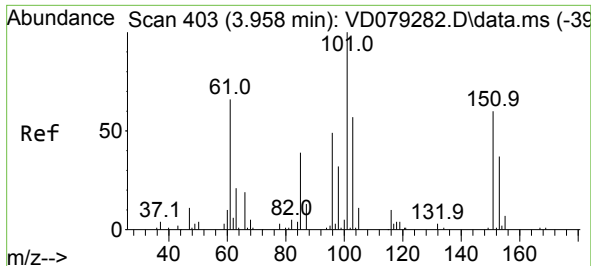
Tgt Ion:101 Resp: 583026
 Ion Ratio Lower Upper
 101 100
 103 67.0 53.2 79.8



#8
 Diethyl Ether
 Concen: 156.647 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 197909
 Ion Ratio Lower Upper
 74 100
 45 87.2 37.9 113.6

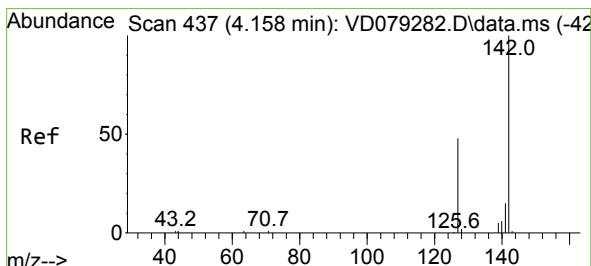
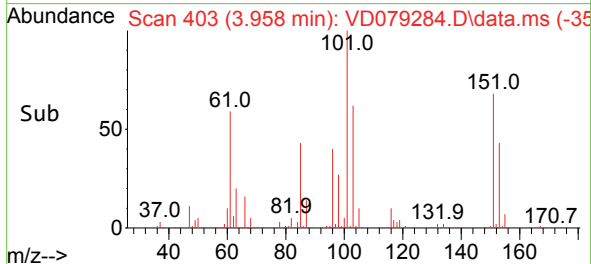
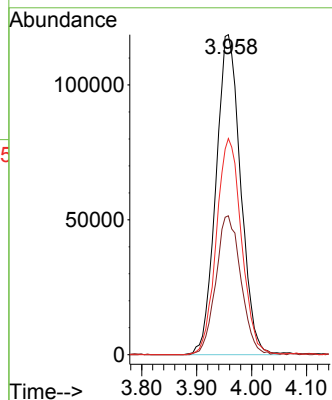
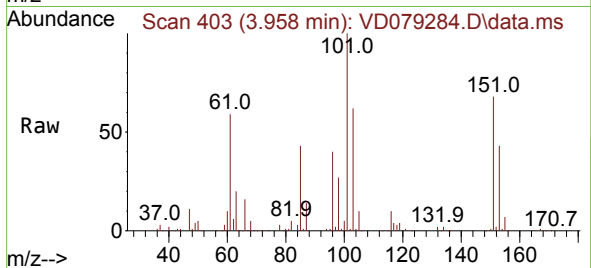




#9
1,1,2-Trichlorotrifluoroethane
Concen: 138.435 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

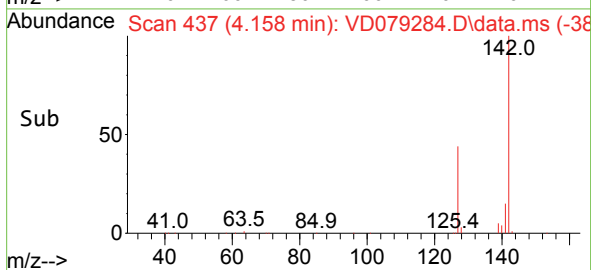
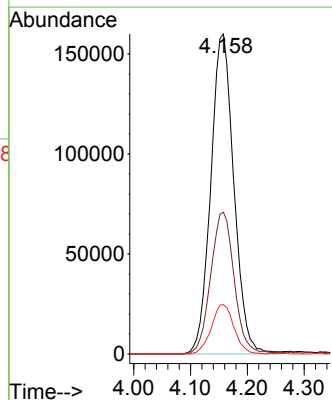
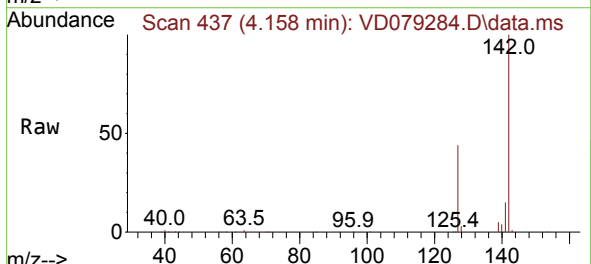
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

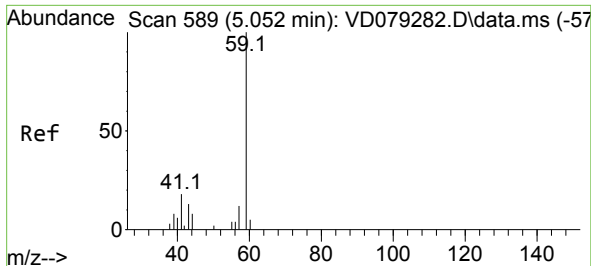
Tgt Ion:101 Resp: 369435
Ion Ratio Lower Upper
101 100
85 44.2 33.5 50.3
151 68.9 60.3 90.5



#10
Methyl Iodide
Concen: 148.804 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion:142 Resp: 451665
Ion Ratio Lower Upper
142 100
127 45.1 34.2 51.4
141 15.2 11.7 17.5

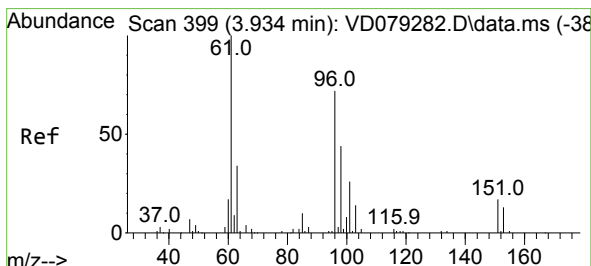
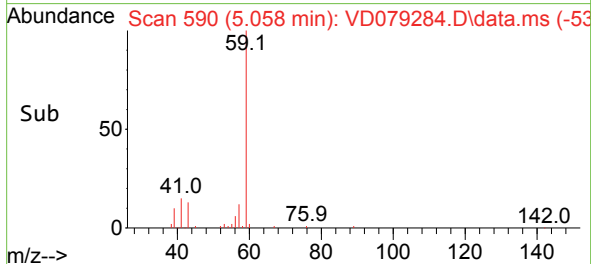
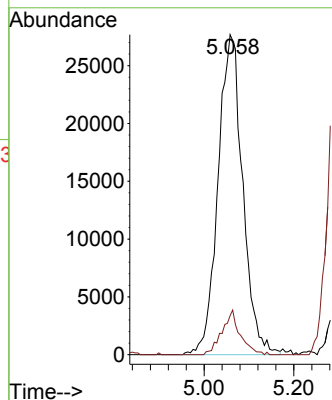
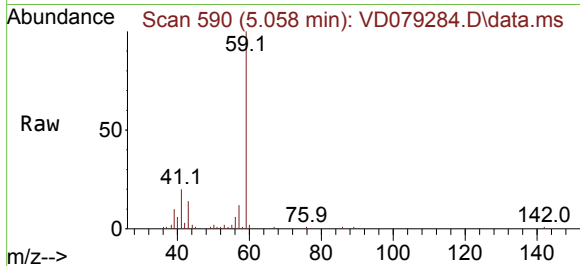




#11
Tert butyl alcohol
Concen: 805.983 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

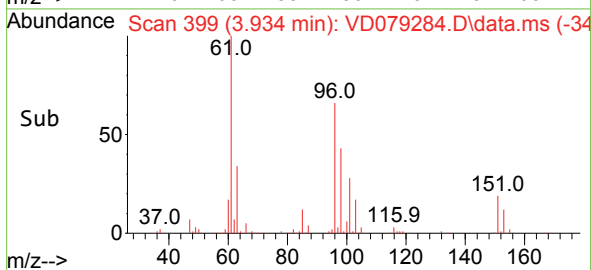
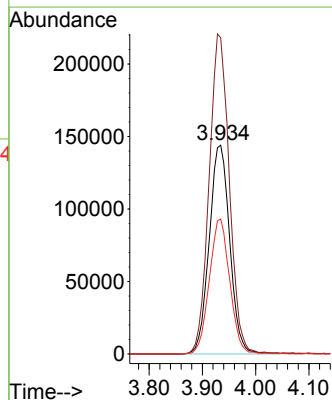
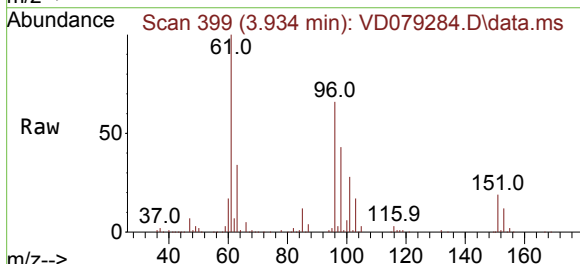
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

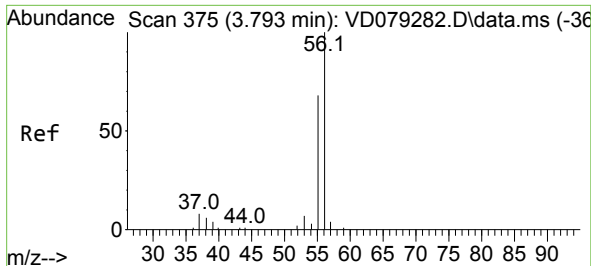
Tgt Ion: 59 Resp: 105968
Ion Ratio Lower Upper
59 100
57 10.2 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 148.984 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 96 Resp: 384867
Ion Ratio Lower Upper
96 100
61 151.5 107.3 160.9
98 64.7 51.7 77.5





#13

Acrolein

Concen: 775.637 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

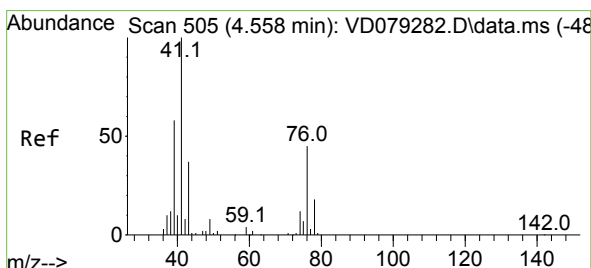
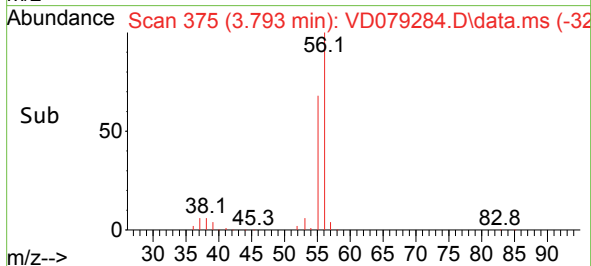
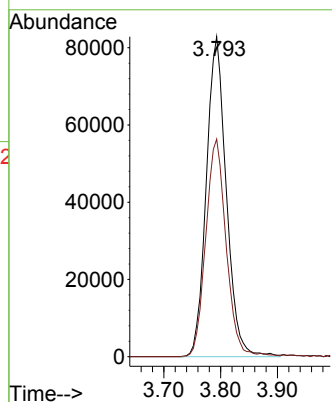
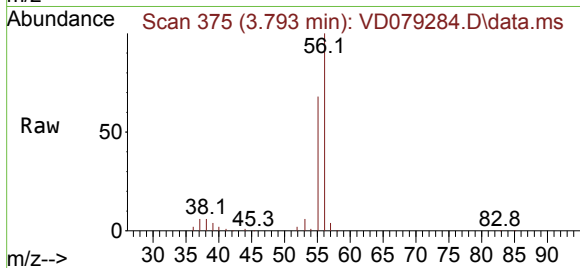
VSTDIC150

Tgt Ion: 56 Resp: 201683

Ion Ratio Lower Upper

56 100

55 68.9 55.3 82.9



#14

Allyl chloride

Concen: 156.824 ug/l

RT: 4.552 min Scan# 504

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

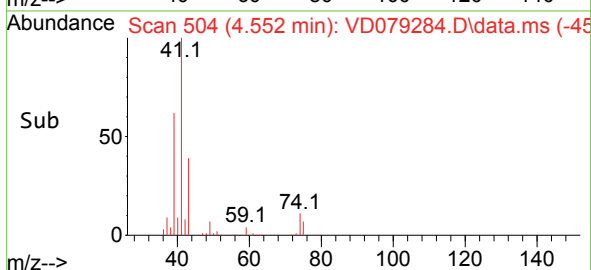
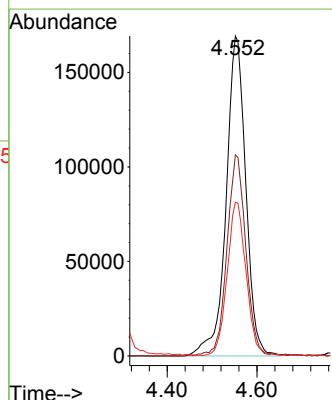
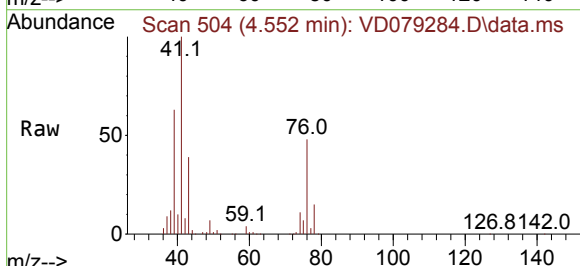
Tgt Ion: 41 Resp: 517018

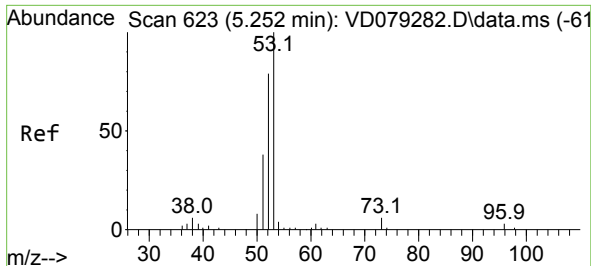
Ion Ratio Lower Upper

41 100

39 60.6 58.0 87.0

76 45.5 45.9 68.9#

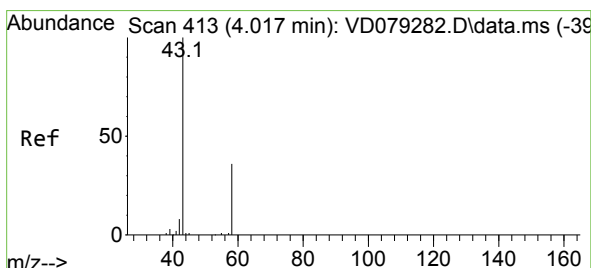
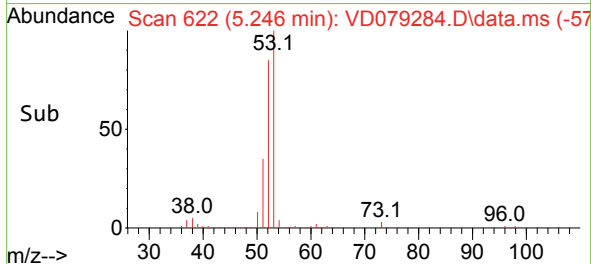
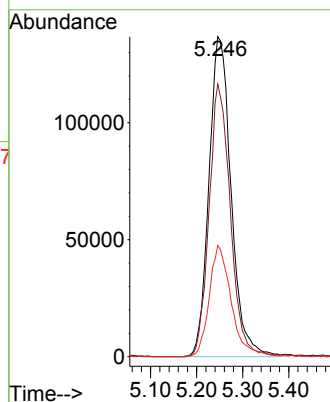
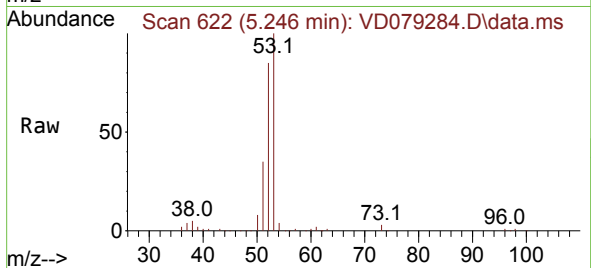




#15
Acrylonitrile
Concen: 794.424 ug/l
RT: 5.246 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

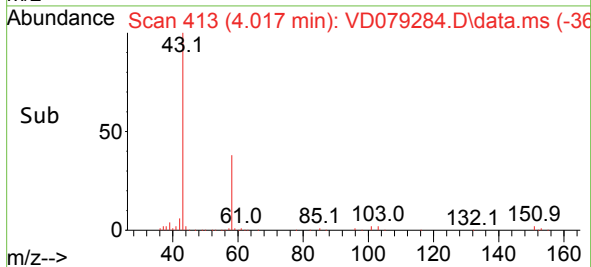
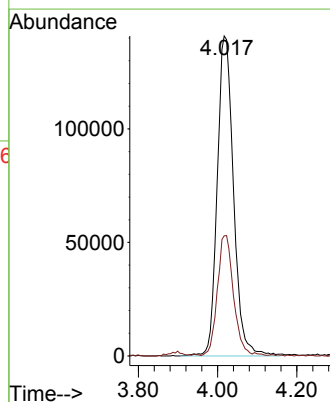
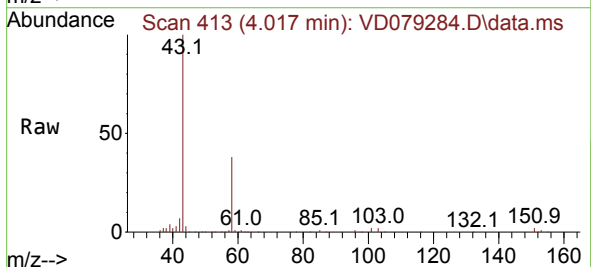
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

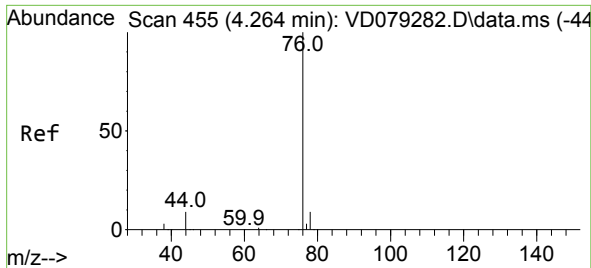
Tgt Ion: 53 Resp: 457470
Ion Ratio Lower Upper
53 100
52 82.1 67.7 101.5
51 34.6 28.6 42.8



#16
Acetone
Concen: 862.604 ug/l
RT: 4.017 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 43 Resp: 402278
Ion Ratio Lower Upper
43 100
58 37.3 30.4 45.6

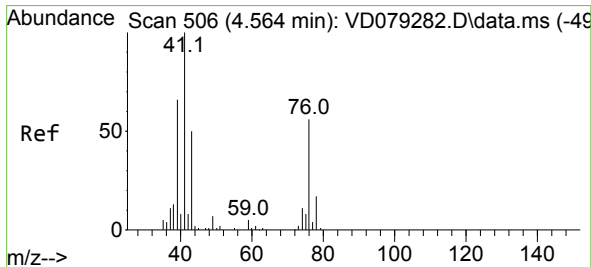
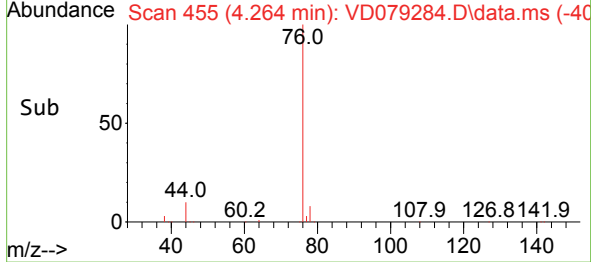
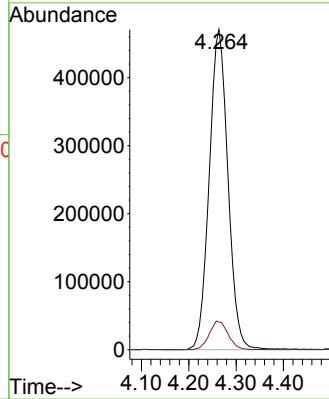
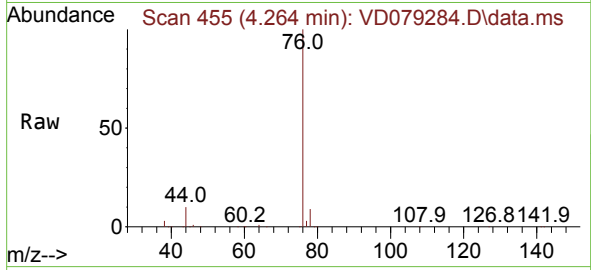




#17
Carbon Disulfide
Concen: 142.360 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

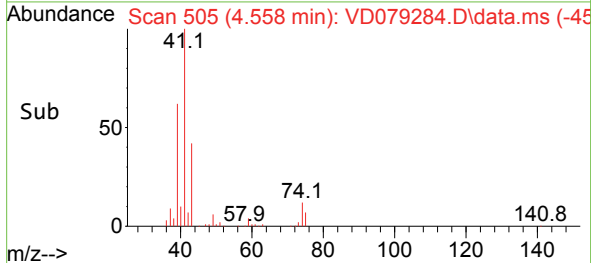
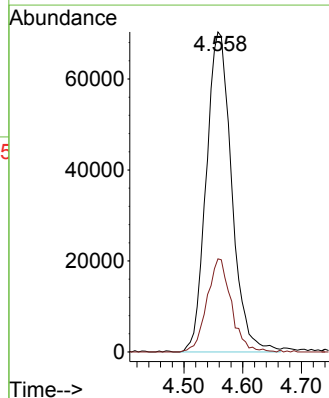
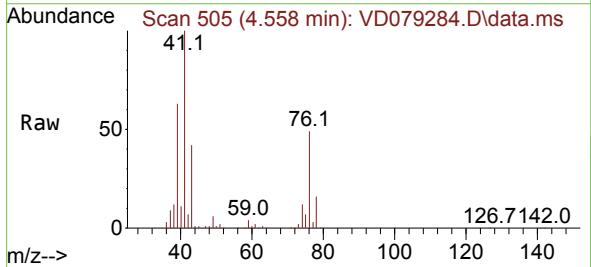
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

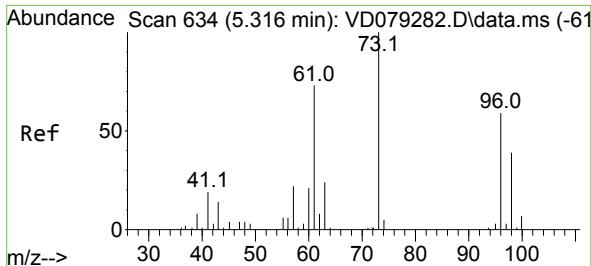
Tgt Ion: 76 Resp: 1291909
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 155.911 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 43 Resp: 211236
Ion Ratio Lower Upper
43 100
74 27.8 28.1 42.1#





#19

Methyl tert-butyl Ether

Concen: 162.945 ug/l

RT: 5.311 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

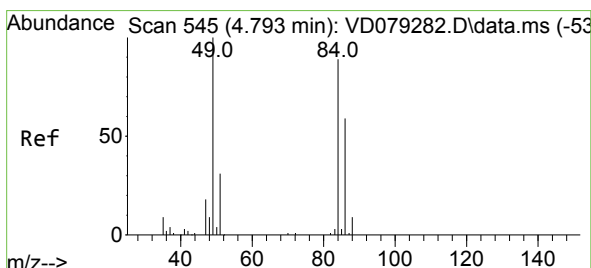
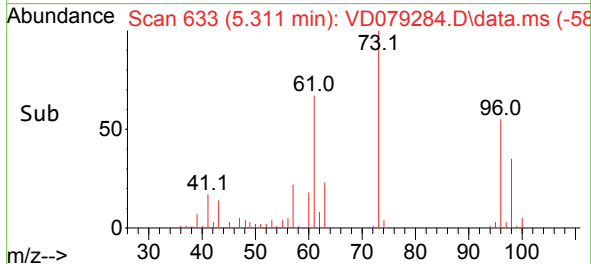
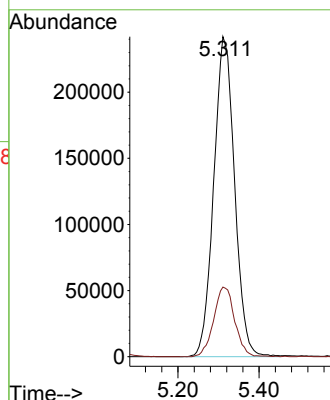
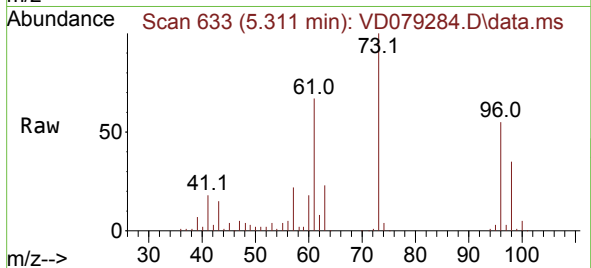
VSTDIC150

Tgt Ion: 73 Resp: 862437

Ion Ratio Lower Upper

73 100

57 21.7 18.3 27.5



#20

Methylene Chloride

Concen: 150.441 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Tgt Ion: 84 Resp: 447187

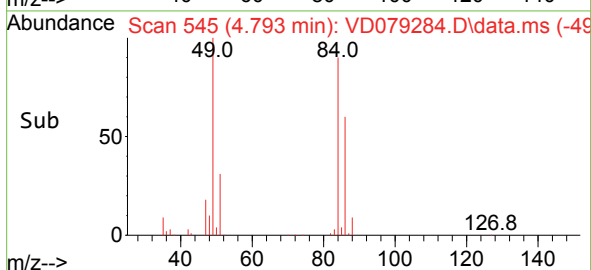
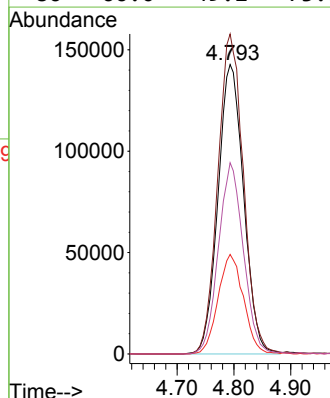
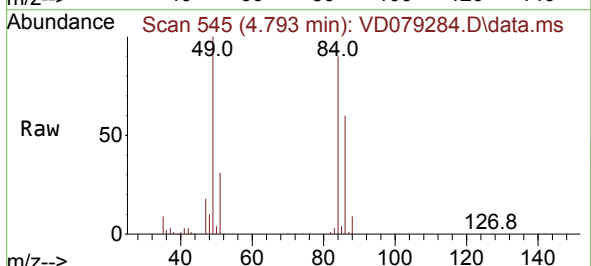
Ion Ratio Lower Upper

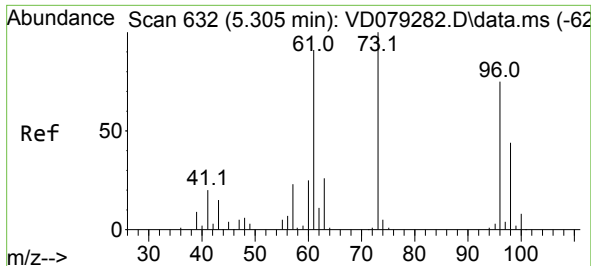
84 100

49 110.5 75.6 113.4

51 34.4 24.2 36.2

86 66.0 49.2 73.8

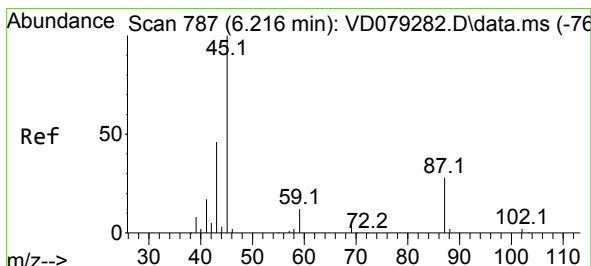
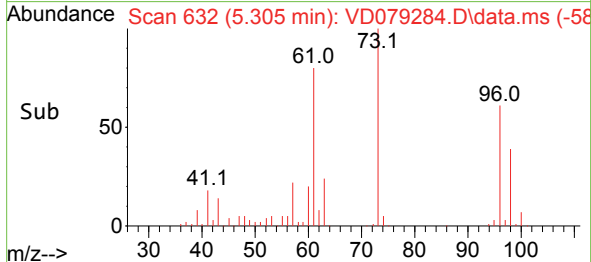
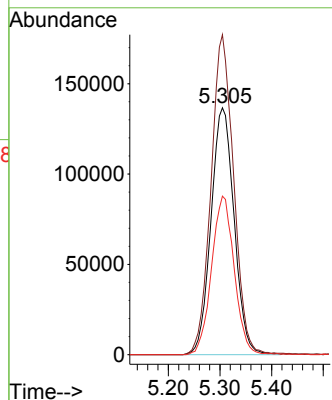
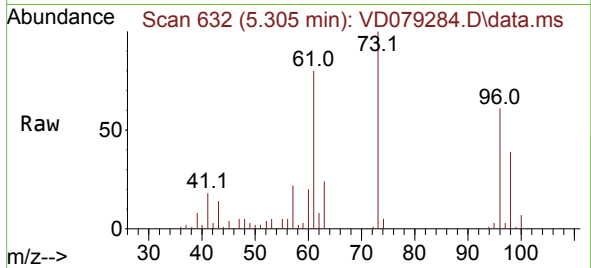




#21
trans-1,2-Dichloroethene
Concen: 146.177 ug/l
RT: 5.305 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

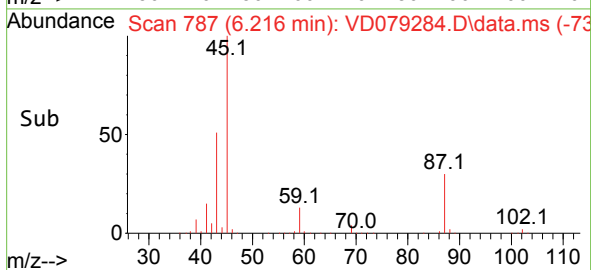
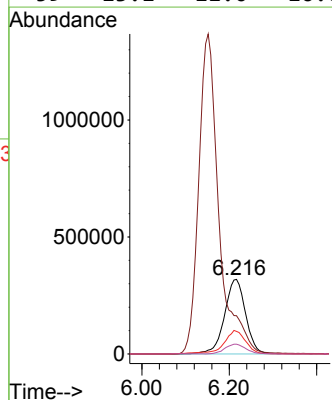
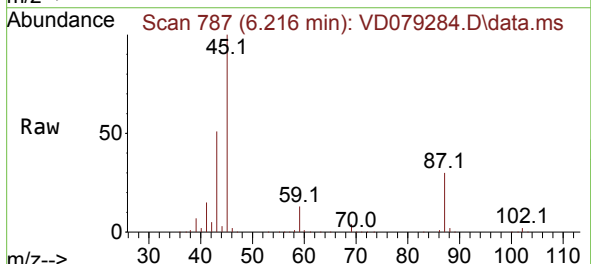
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

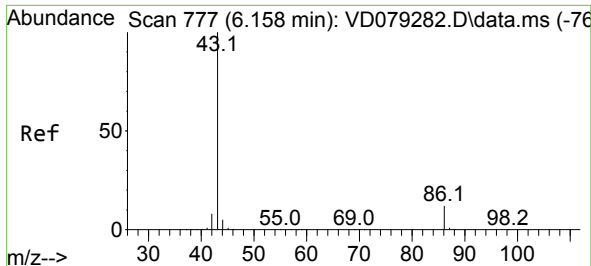
Tgt Ion: 96 Resp: 424330
Ion Ratio Lower Upper
96 100
61 129.6 84.5 126.7#
98 64.2 50.5 75.7



#22
Diisopropyl ether
Concen: 148.627 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 45 Resp: 1066119
Ion Ratio Lower Upper
45 100
43 50.6 41.7 62.5
87 30.2 30.2 45.2
59 13.1 11.0 16.6

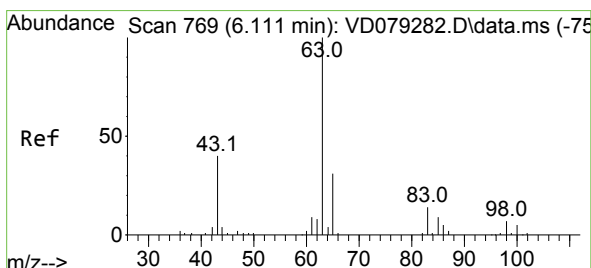
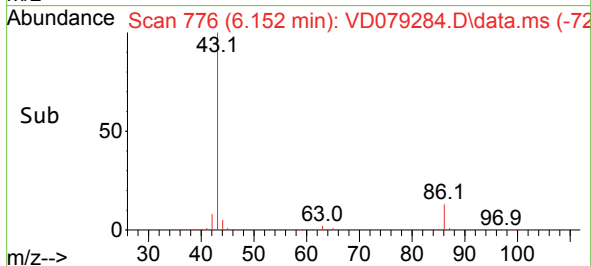
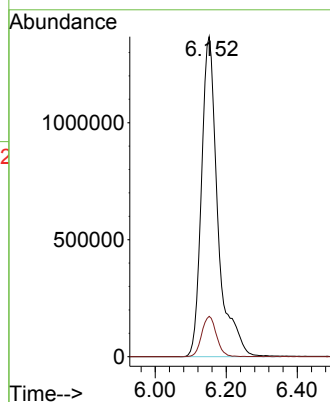
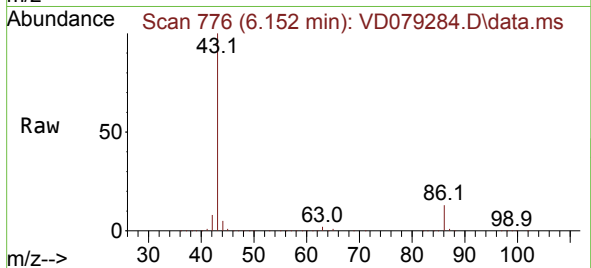




#23
 Vinyl Acetate
 Concen: 809.738 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD079284.D
 Acq: 28 Jun 2024 15:48

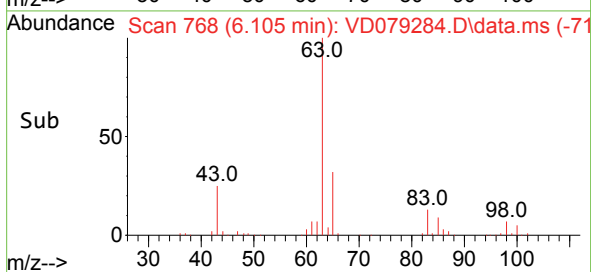
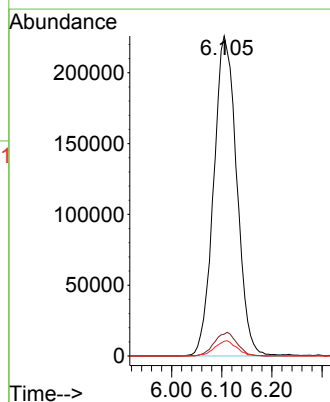
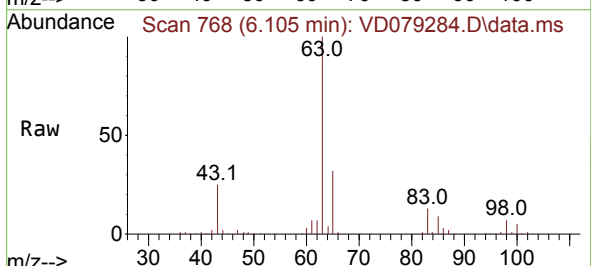
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

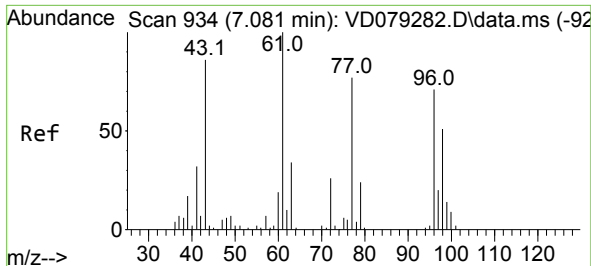
Tgt Ion: 43 Resp: 4396633
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 143.395 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD079284.D
 Acq: 28 Jun 2024 15:48

Tgt Ion: 63 Resp: 721142
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.7 14.0
 100 4.6 2.9 8.6

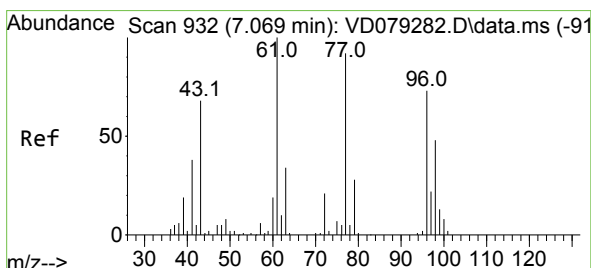
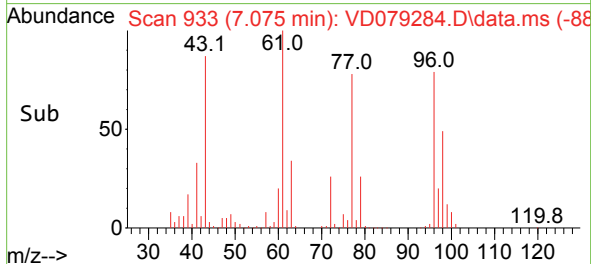
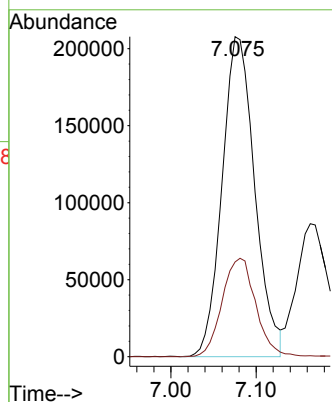
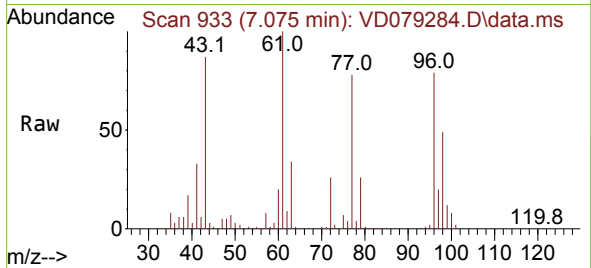




#25
2-Butanone
Concen: 852.794 ug/l
RT: 7.075 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

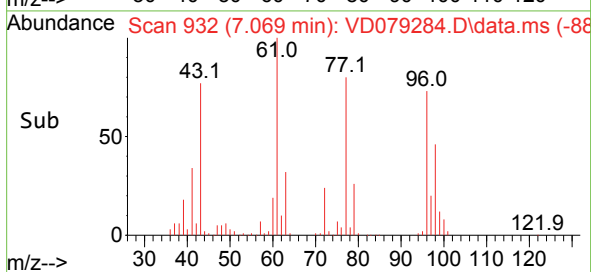
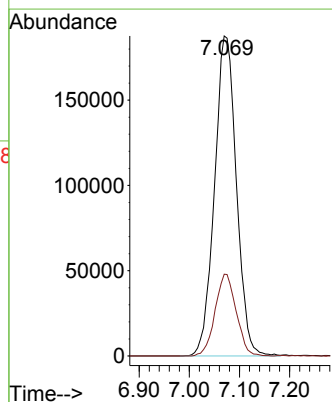
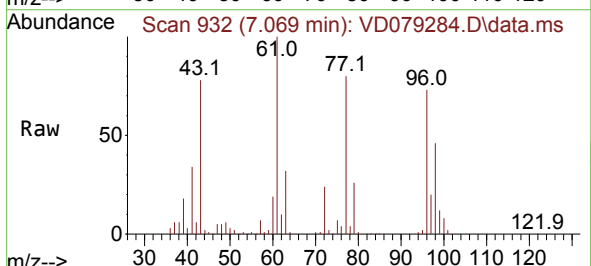
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

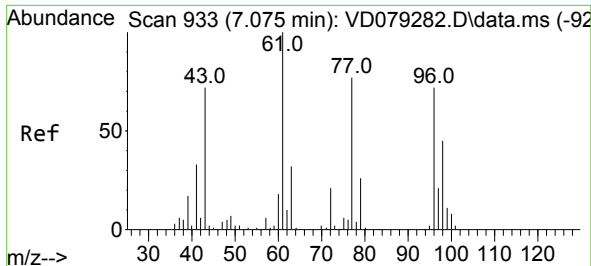
Tgt Ion: 43 Resp: 554058
Ion Ratio Lower Upper
43 100
72 29.6 26.4 39.6



#26
2,2-Dichloropropane
Concen: 143.452 ug/l
RT: 7.069 min Scan# 932
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 77 Resp: 569545
Ion Ratio Lower Upper
77 100
97 24.6 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 154.768 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

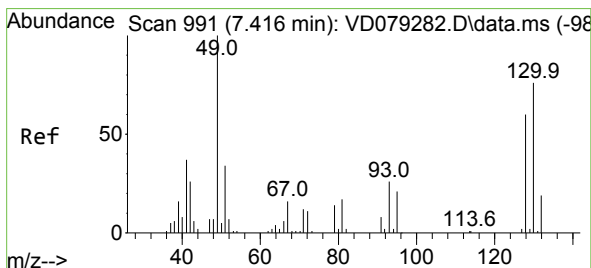
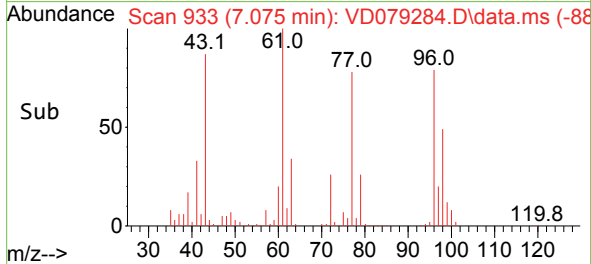
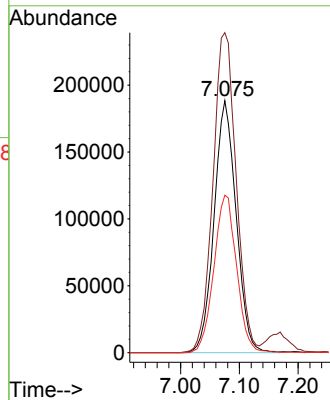
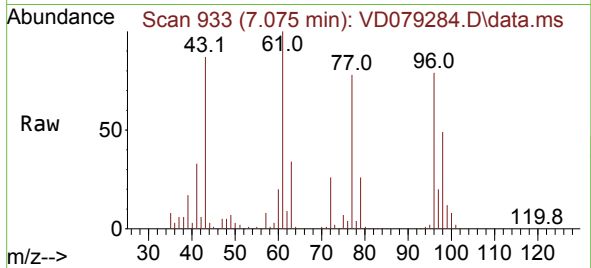
Tgt Ion: 96 Resp: 492186

Ion Ratio Lower Upper

96 100

61 133.4 0.0 229.0

98 64.3 0.0 127.2



#28

Bromochloromethane

Concen: 137.706 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

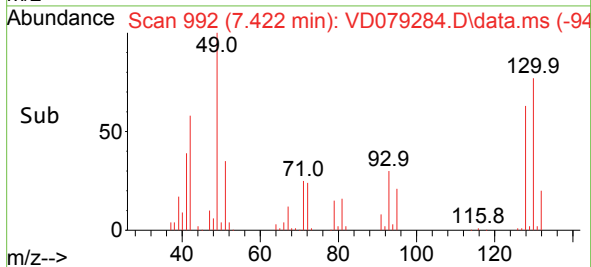
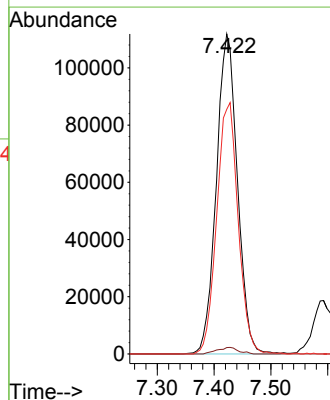
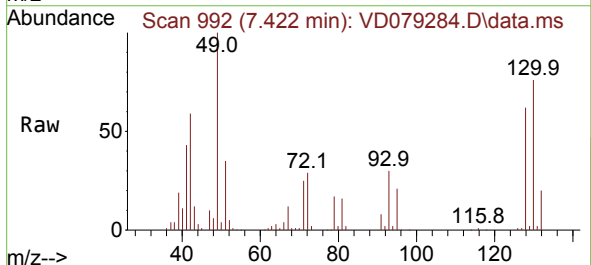
Tgt Ion: 49 Resp: 288753

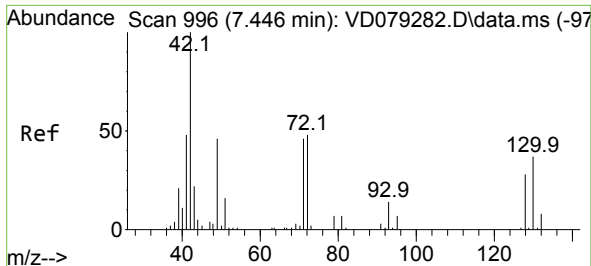
Ion Ratio Lower Upper

49 100

129 2.1 0.0 7.0

130 79.8 87.7 131.5#





#29

Tetrahydrofuran

Concen: 829.628 ug/l

RT: 7.440 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

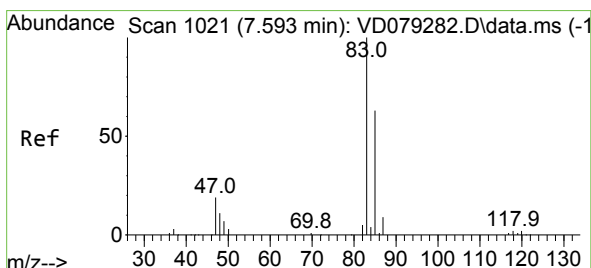
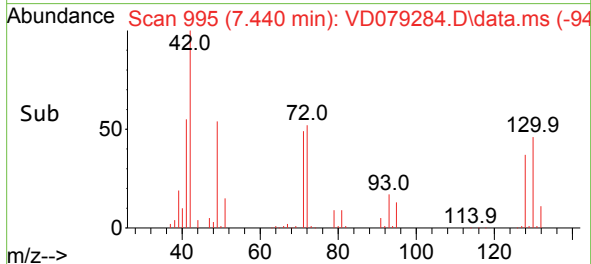
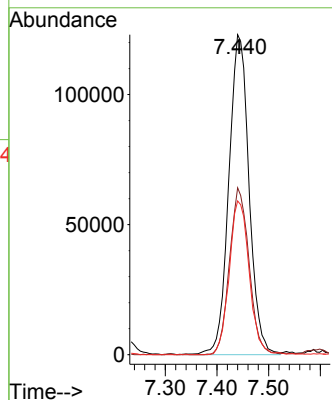
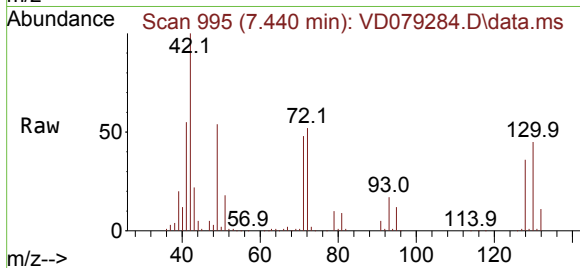
Tgt Ion: 42 Resp: 334842

Ion Ratio Lower Upper

42 100

72 50.4 49.4 74.0

71 47.2 45.0 67.6



#30

Chloroform

Concen: 139.132 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079284.D

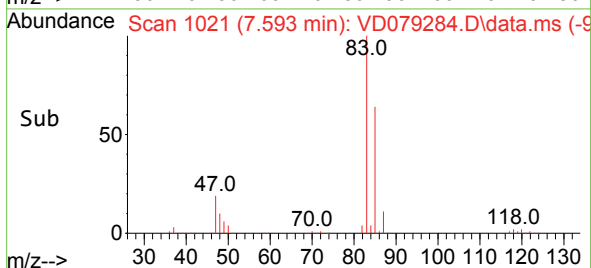
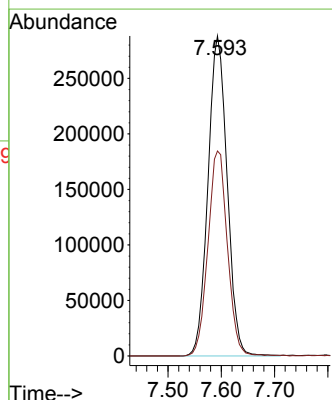
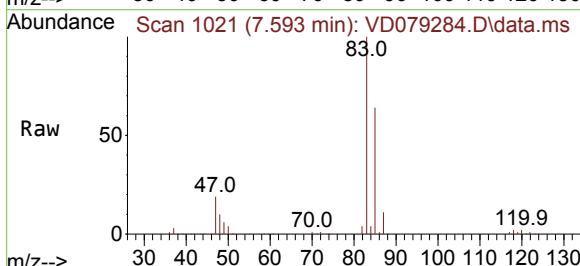
Acq: 28 Jun 2024 15:48

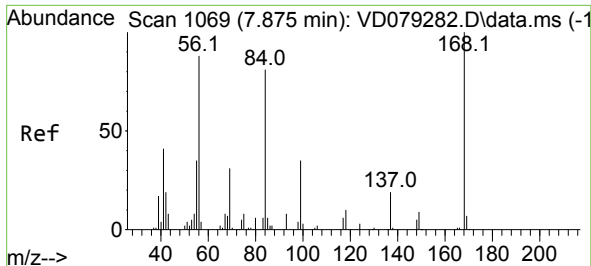
Tgt Ion: 83 Resp: 721792

Ion Ratio Lower Upper

83 100

85 64.1 51.8 77.6

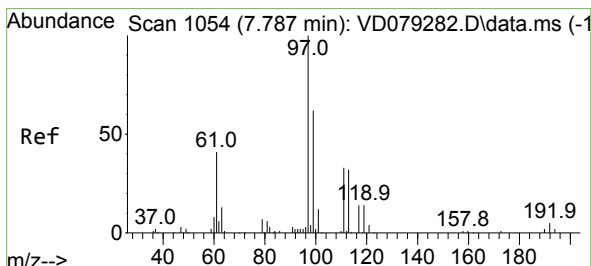
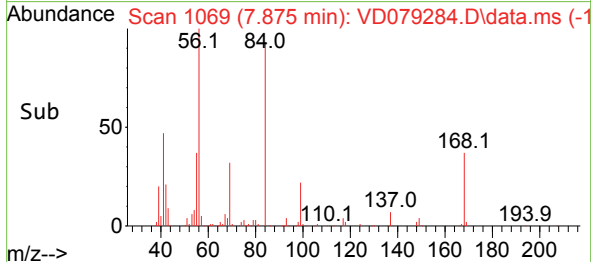
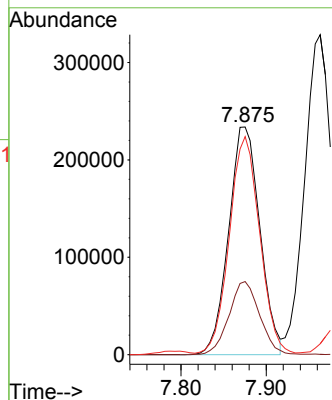
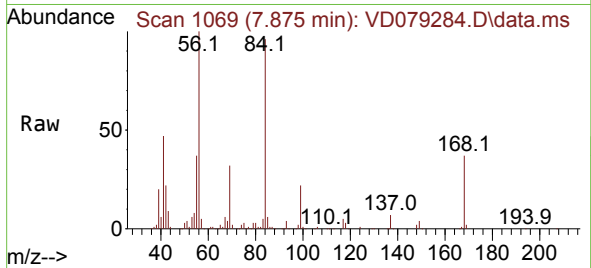




#31
Cyclohexane
Concen: 142.717 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

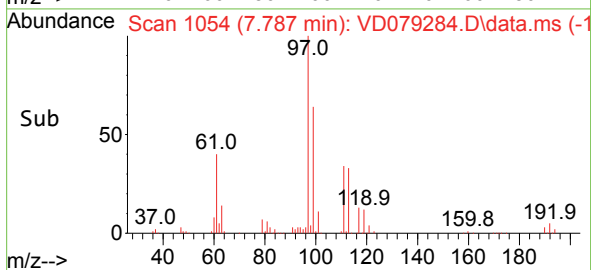
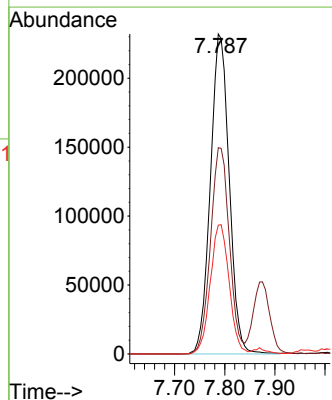
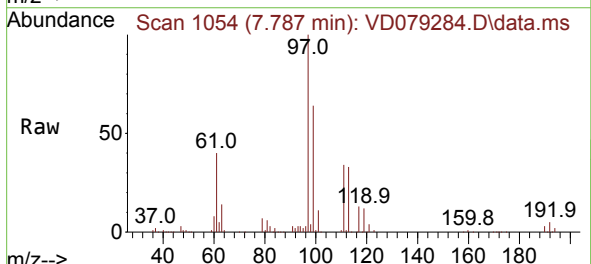
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

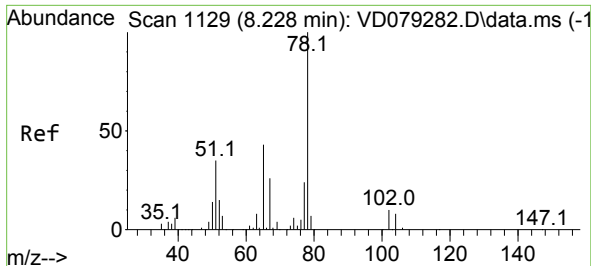
Tgt Ion: 56 Resp: 596113
Ion Ratio Lower Upper
56 100
69 32.1 28.0 42.0
84 94.3 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 142.095 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 97 Resp: 605048
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 40.5 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 151.668 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

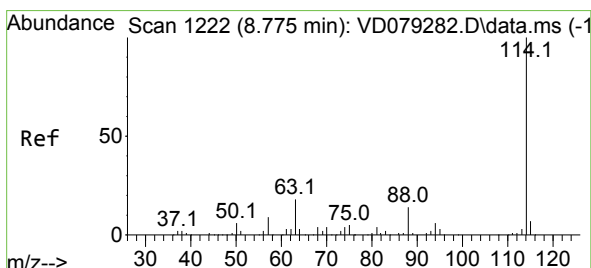
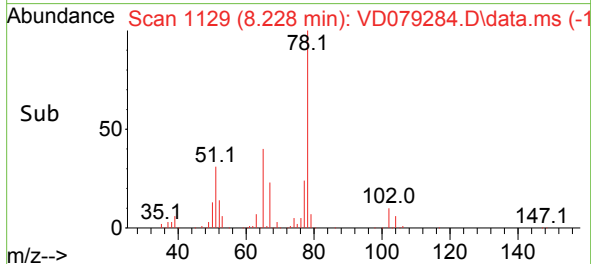
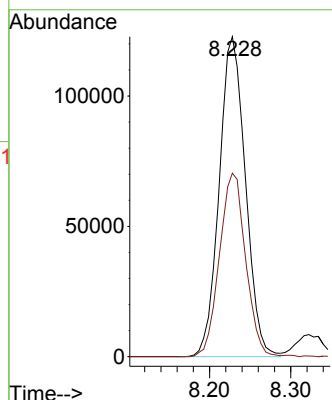
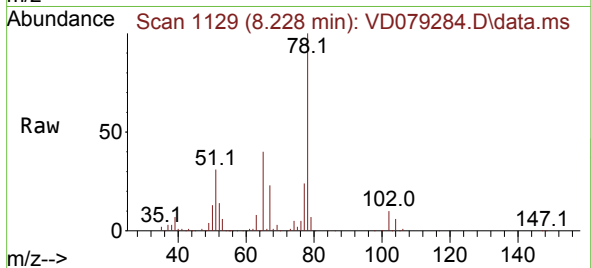
VSTDIC150

Tgt Ion: 65 Resp: 275440

Ion Ratio Lower Upper

65 100

67 57.3 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: VD079284.D

Acq: 28 Jun 2024 15:48

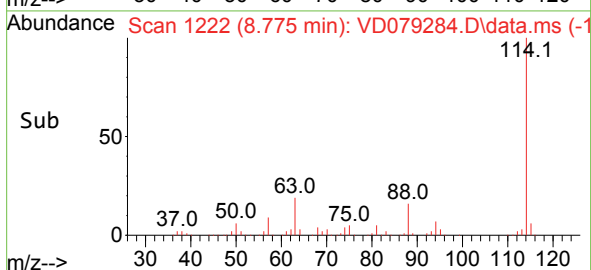
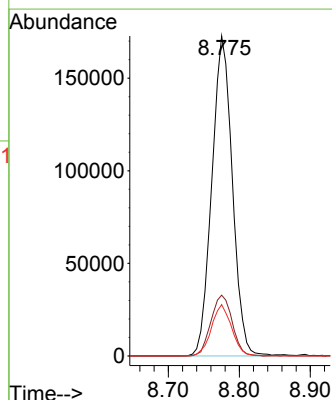
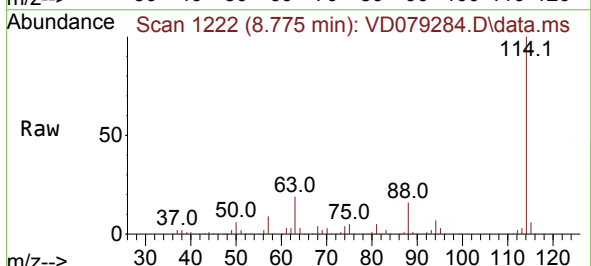
Tgt Ion: 114 Resp: 346362

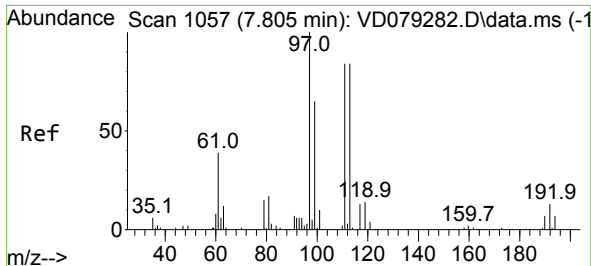
Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.0

88 16.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 136.258 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

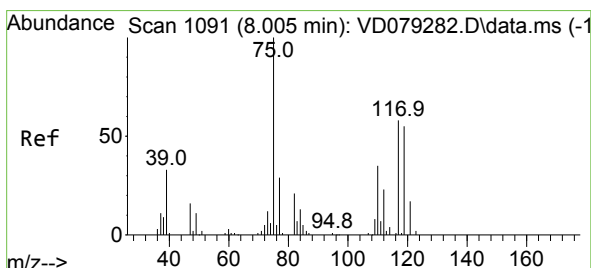
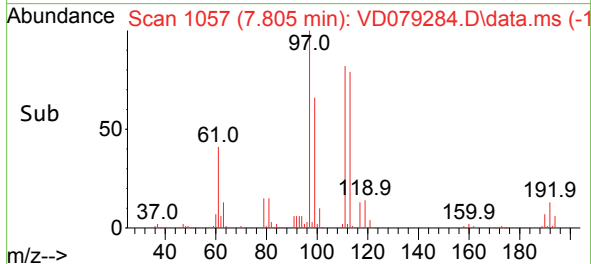
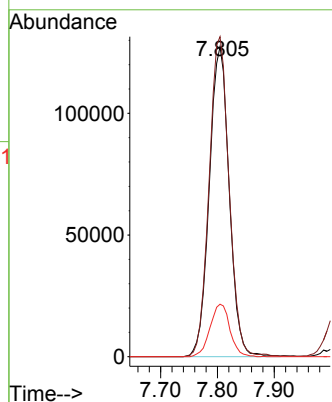
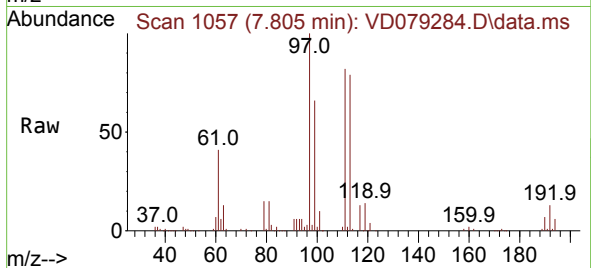
Tgt Ion:113 Resp: 309785

Ion Ratio Lower Upper

113 100

111 103.6 84.0 126.0

192 16.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 154.148 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

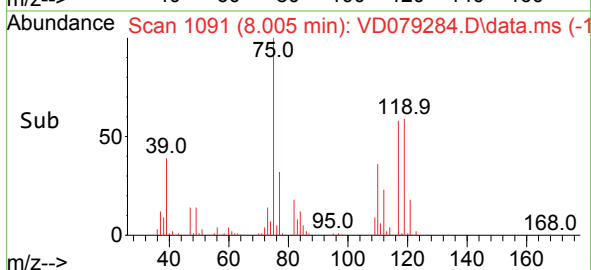
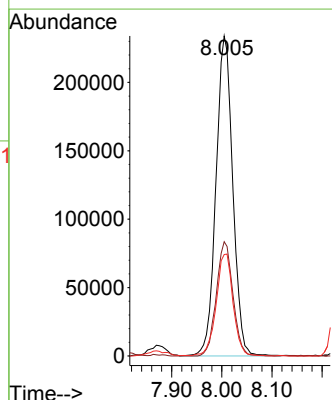
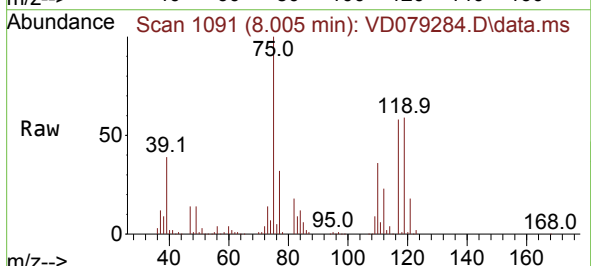
Tgt Ion: 75 Resp: 544488

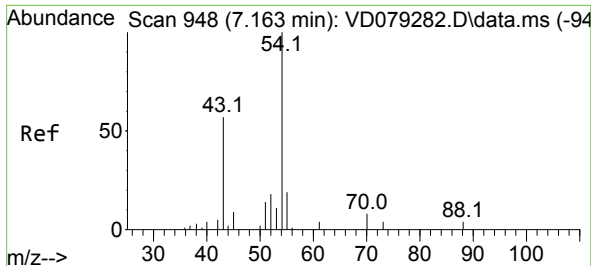
Ion Ratio Lower Upper

75 100

110 35.3 19.6 58.7

77 32.1 26.1 39.1





#37

Ethyl Acetate

Concen: 174.111 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

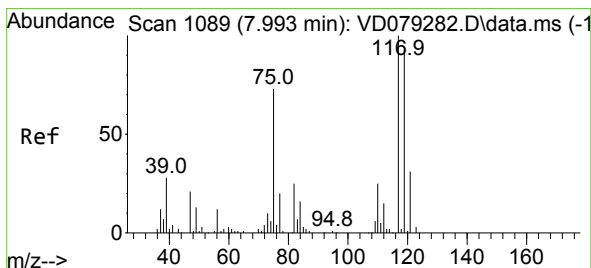
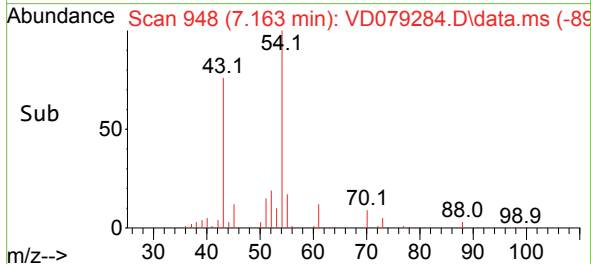
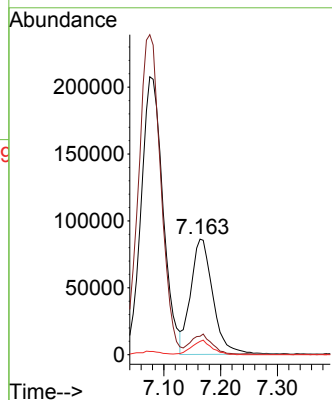
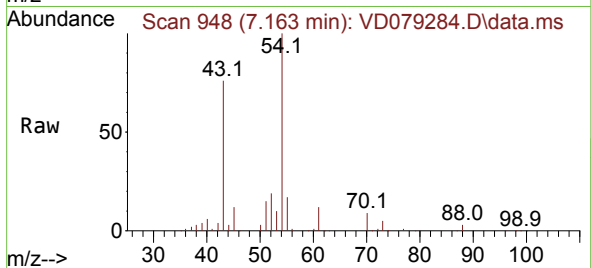
Tgt Ion: 43 Resp: 234101

Ion Ratio Lower Upper

43 100

61 16.1 13.9 20.9

70 11.2 9.8 14.6



#38

Carbon Tetrachloride

Concen: 148.476 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

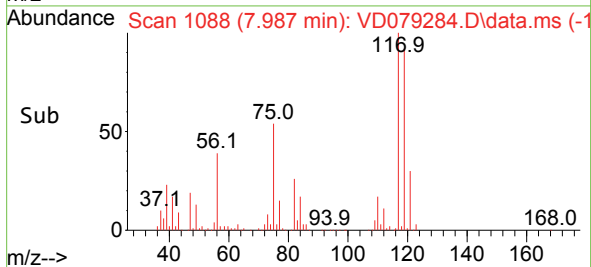
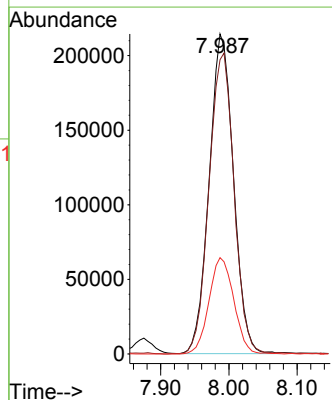
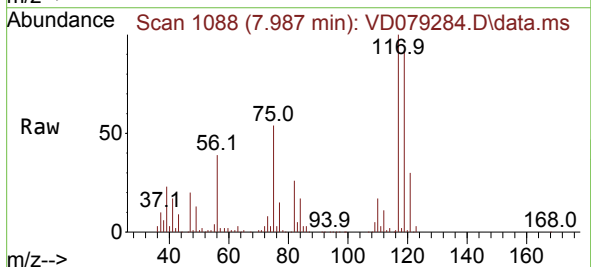
Tgt Ion: 117 Resp: 532592

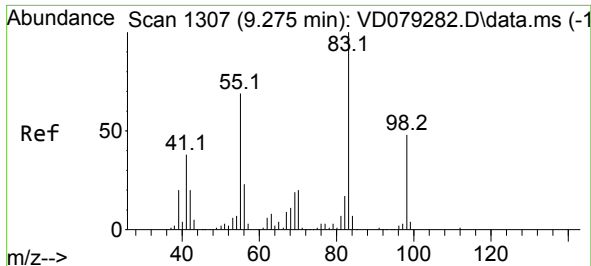
Ion Ratio Lower Upper

117 100

119 91.9 75.4 113.0

121 30.1 25.0 37.4





#39

Methylcyclohexane

Concen: 169.076 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

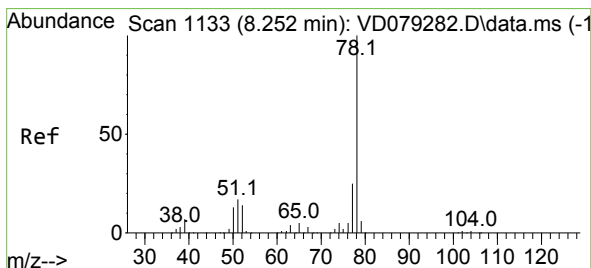
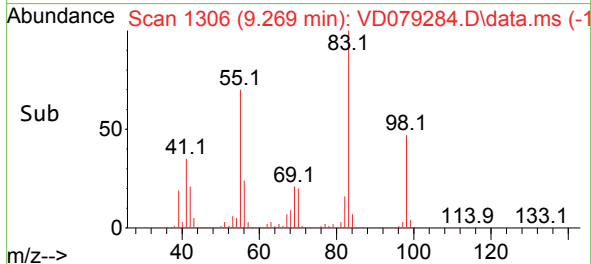
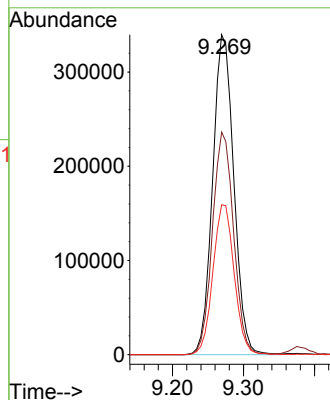
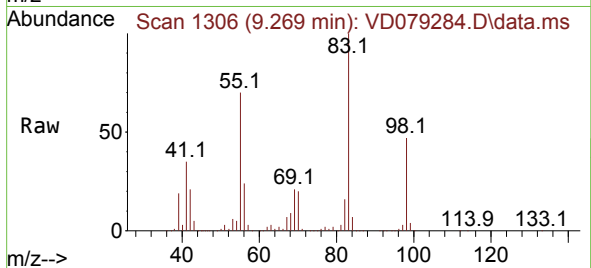
Tgt Ion: 83 Resp: 702629

Ion Ratio Lower Upper

83 100

55 69.5 50.1 75.1

98 46.8 41.9 62.9



#40

Benzene

Concen: 153.910 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VD079284.D

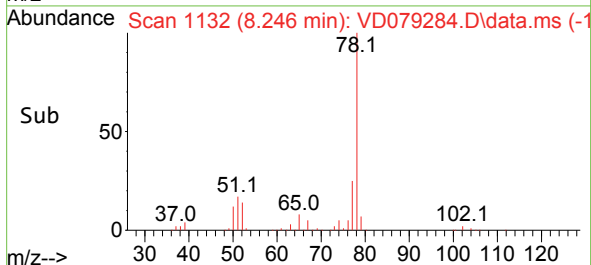
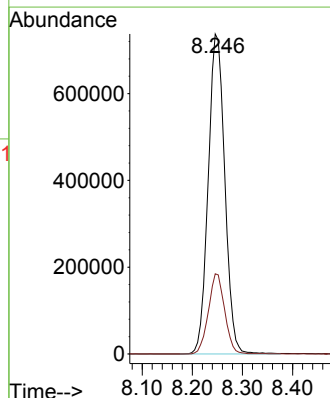
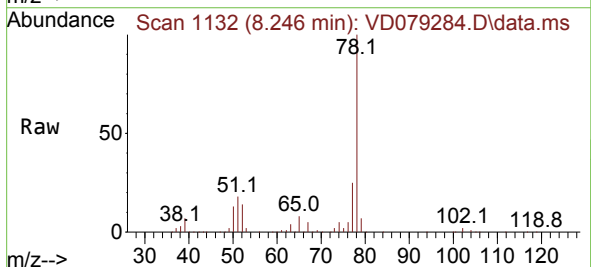
Acq: 28 Jun 2024 15:48

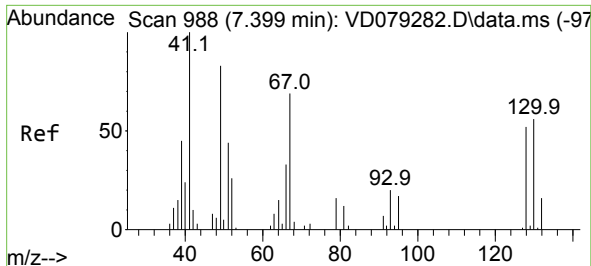
Tgt Ion: 78 Resp: 1696120

Ion Ratio Lower Upper

78 100

77 25.1 18.1 27.1



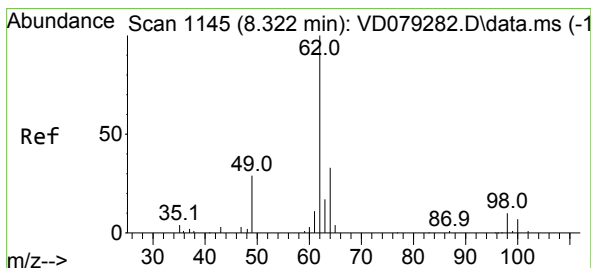
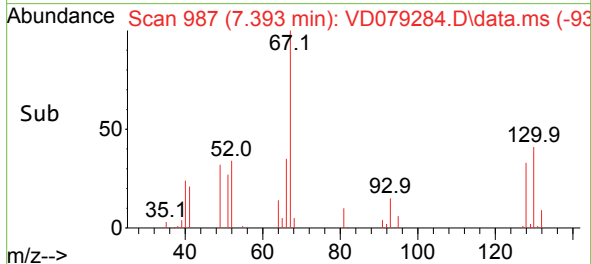
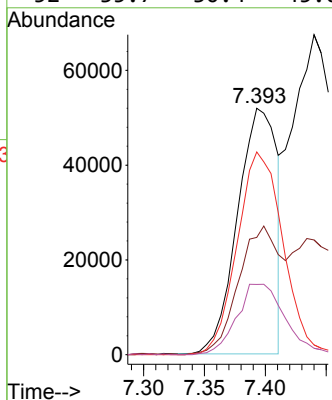
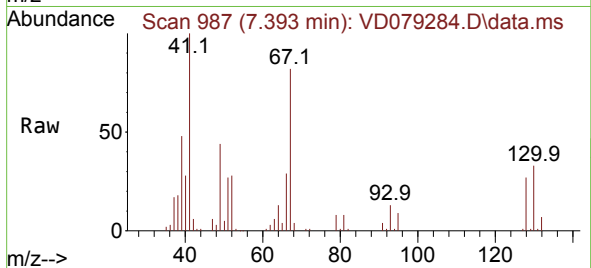


#41
Methacrylonitrile
Concen: 157.728 ug/l
RT: 7.393 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 116571

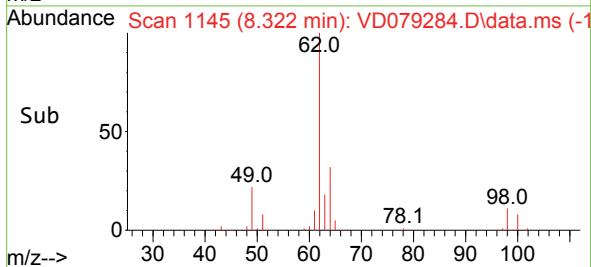
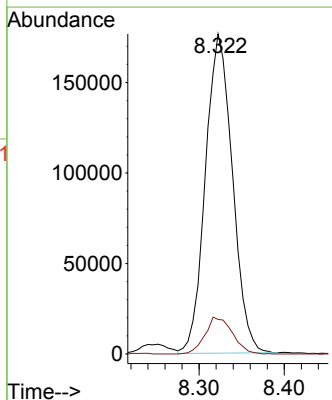
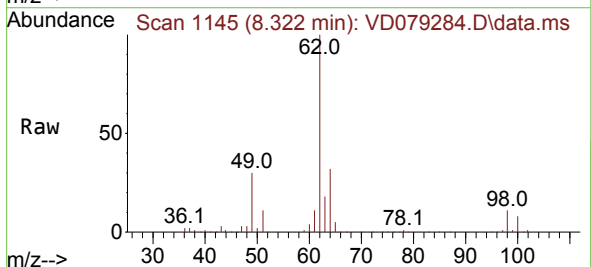
Ion	Ratio	Lower	Upper
41	100		
39	57.0	41.4	62.0
67	97.0	85.8	128.6
52	35.7	30.4	45.6

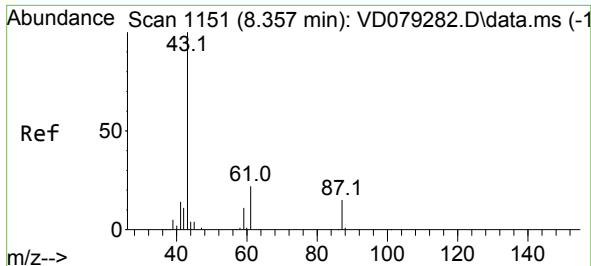


#42
1,2-Dichloroethane
Concen: 146.844 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 62 Resp: 389193

Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	25.8

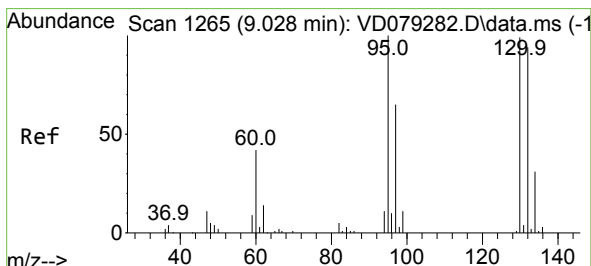
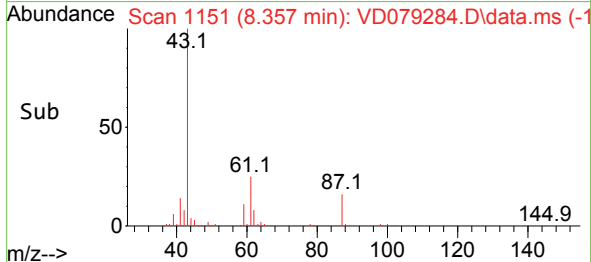
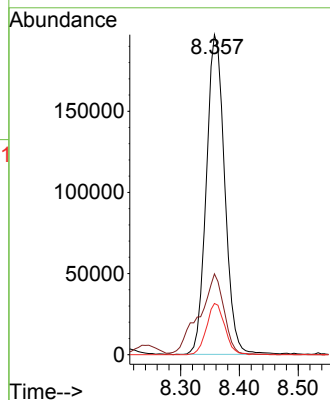
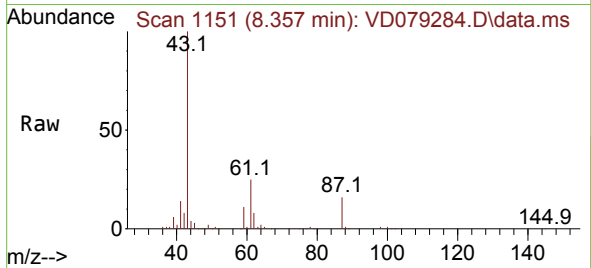




#43
Isopropyl Acetate
Concen: 164.684 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

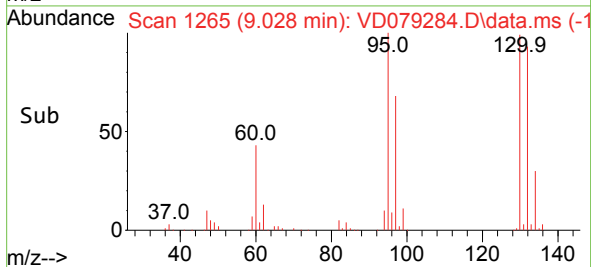
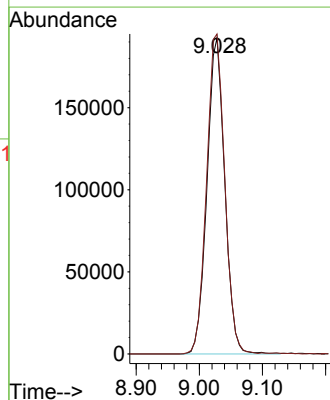
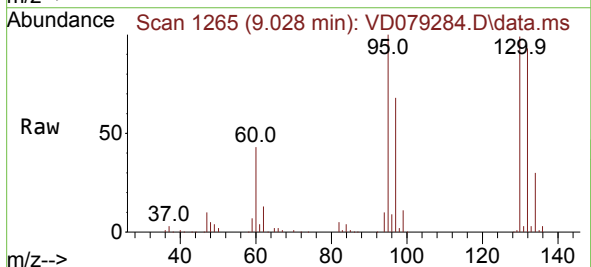
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

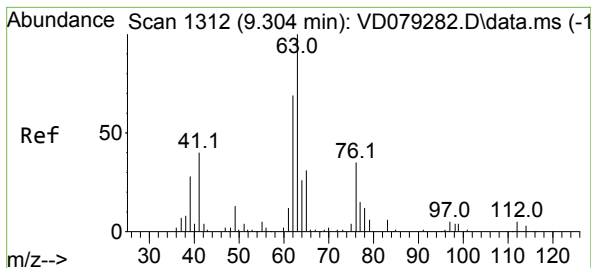
Tgt Ion: 43 Resp: 427334
Ion Ratio Lower Upper
43 100
61 33.8 29.3 43.9
87 15.9 14.9 22.3



#44
Trichloroethene
Concen: 149.403 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion:130 Resp: 376091
Ion Ratio Lower Upper
130 100
95 101.3 0.0 177.8





#45

1,2-Dichloropropane

Concen: 151.611 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

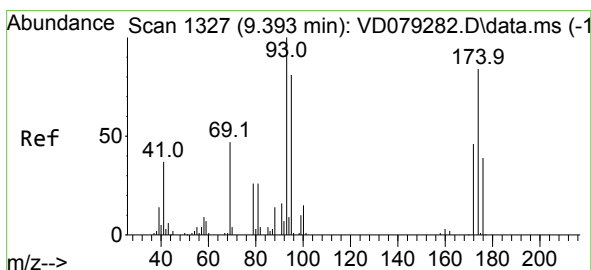
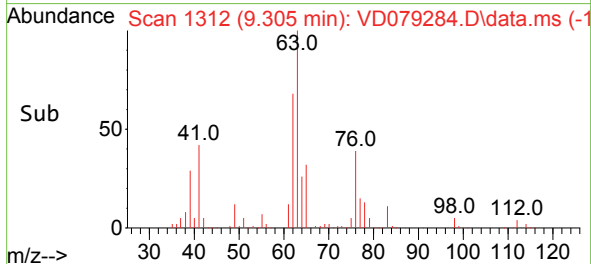
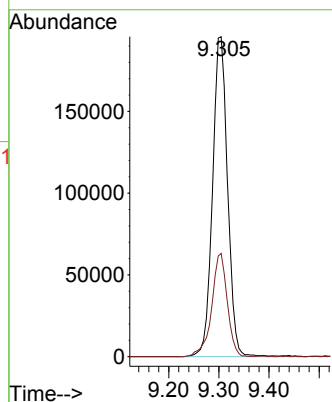
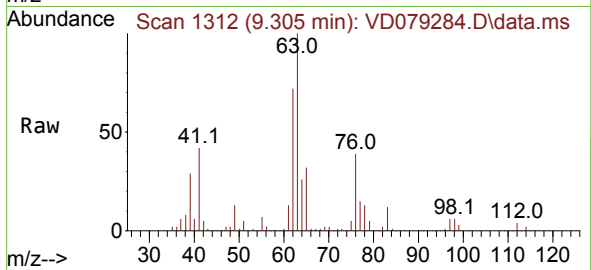
VSTDIC150

Tgt Ion: 63 Resp: 406810

Ion Ratio Lower Upper

63 100

65 32.3 23.8 35.8



#46

Dibromomethane

Concen: 152.451 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

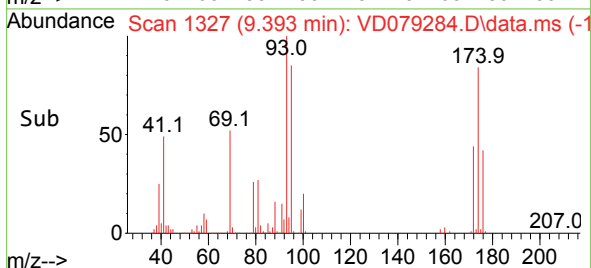
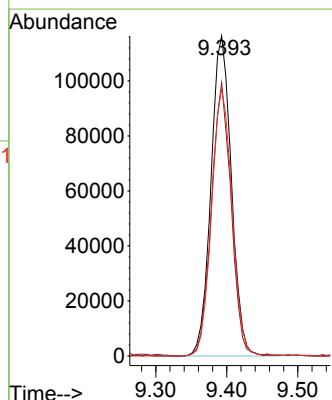
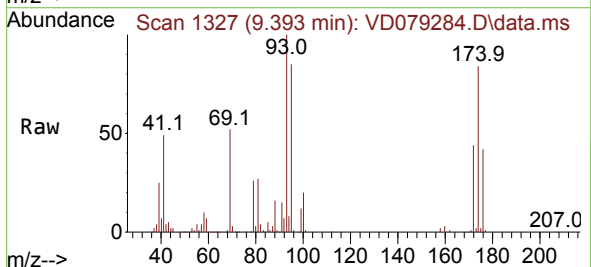
Tgt Ion: 93 Resp: 232005

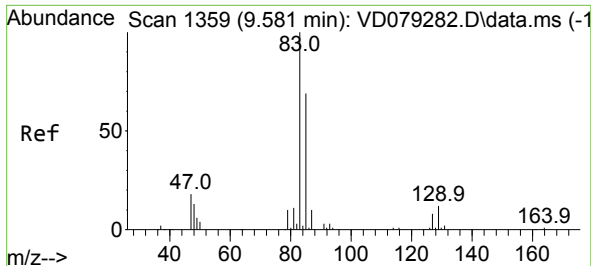
Ion Ratio Lower Upper

93 100

95 82.3 65.6 98.4

174 83.6 82.3 123.5

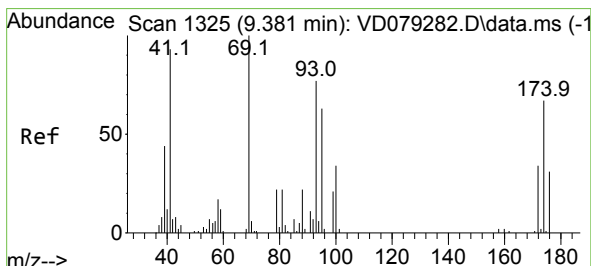
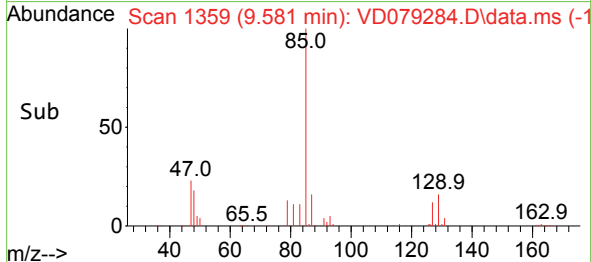
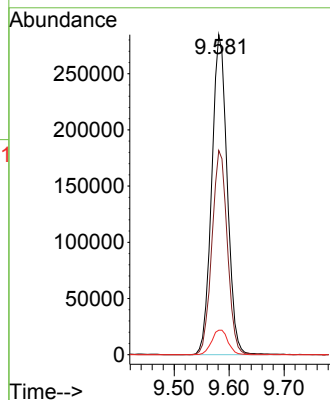
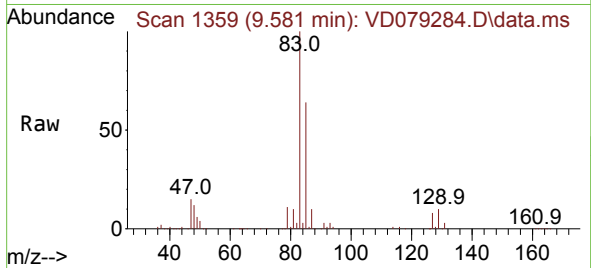




#47
Bromodichloromethane
Concen: 149.368 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

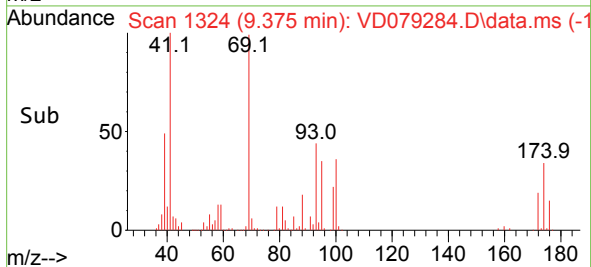
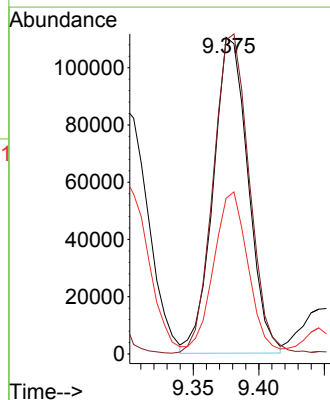
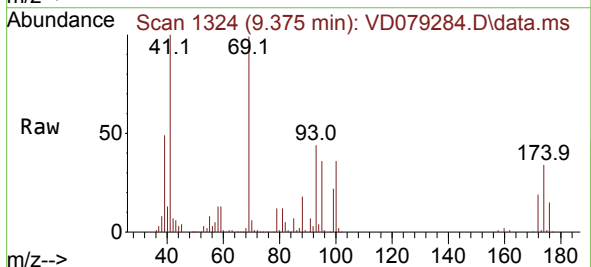
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

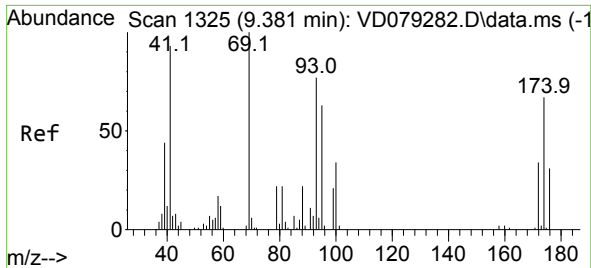
Tgt Ion: 83 Resp: 556266
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 7.7 6.8 10.2



#48
Methyl methacrylate
Concen: 174.338 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 41 Resp: 204122
Ion Ratio Lower Upper
41 100
69 104.8 96.7 145.1
39 47.6 43.8 65.6





#49

1,4-Dioxane

Concen: 3272.560 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

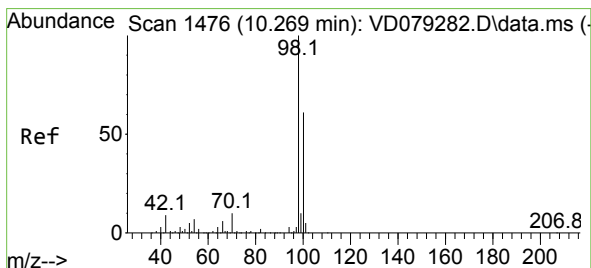
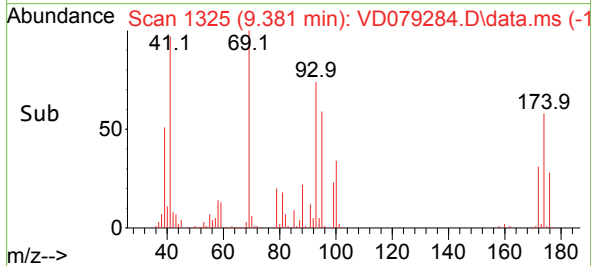
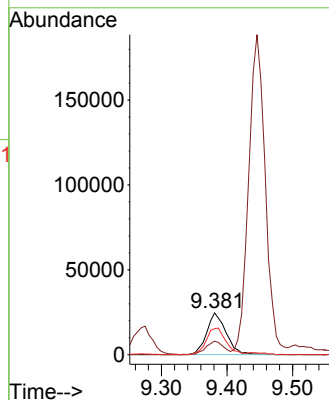
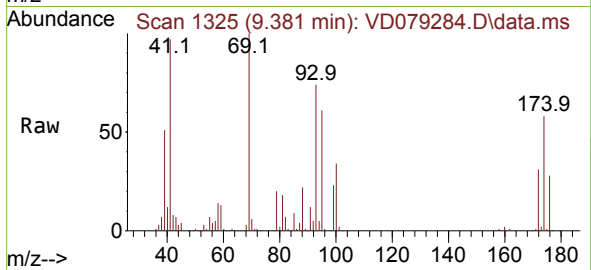
Tgt Ion: 88 Resp: 51034

Ion Ratio Lower Upper

88 100

43 29.6 21.5 32.3

58 64.0 42.2 63.4#



#50

Toluene-d8

Concen: 133.107 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079284.D

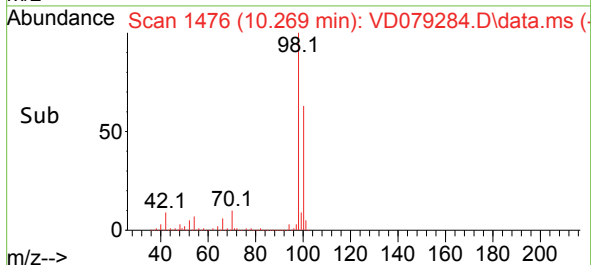
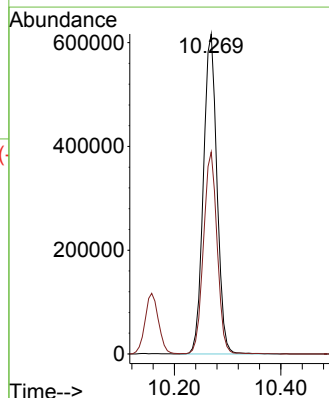
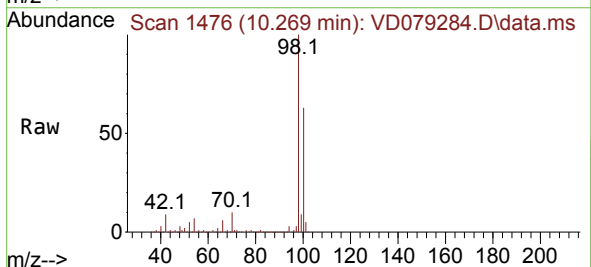
Acq: 28 Jun 2024 15:48

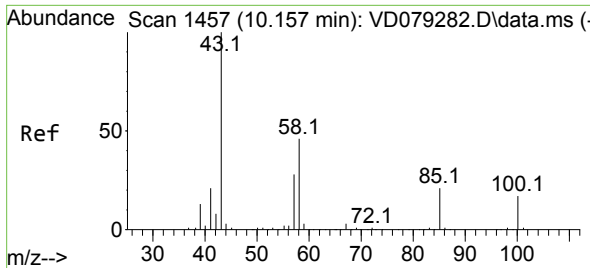
Tgt Ion: 98 Resp: 1088680

Ion Ratio Lower Upper

98 100

100 63.2 51.6 77.4

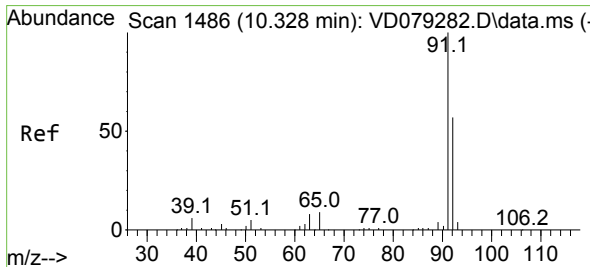
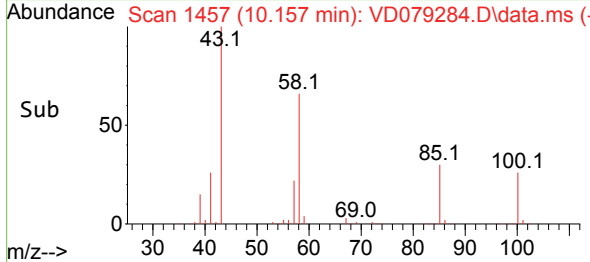
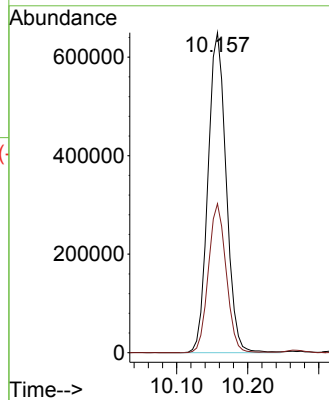
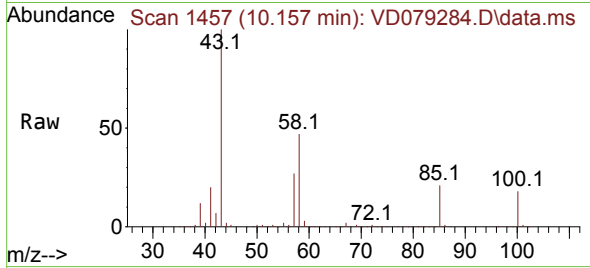




#51
4-Methyl-2-Pentanone
Concen: 856.671 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

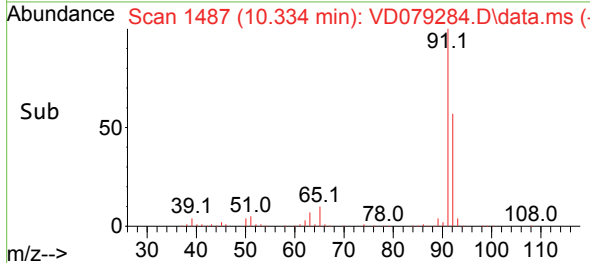
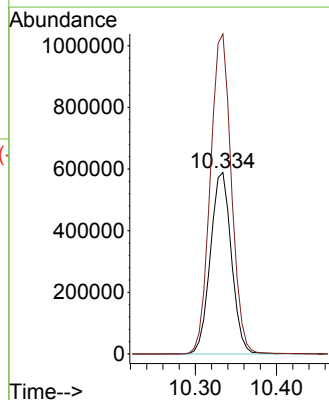
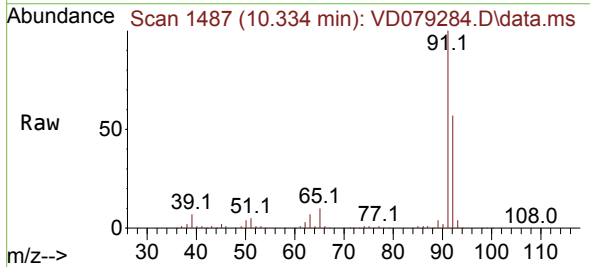
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

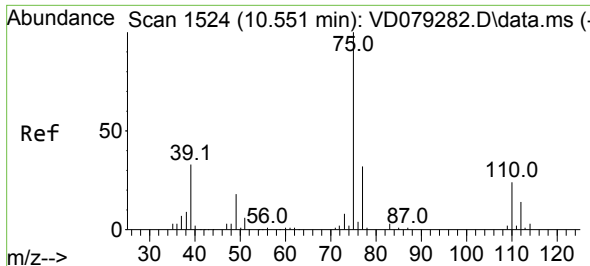
Tgt Ion: 43 Resp: 1156821
Ion Ratio Lower Upper
43 100
58 45.6 36.6 55.0



#52
Toluene
Concen: 157.659 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 92 Resp: 1057727
Ion Ratio Lower Upper
92 100
91 176.9 141.7 212.5

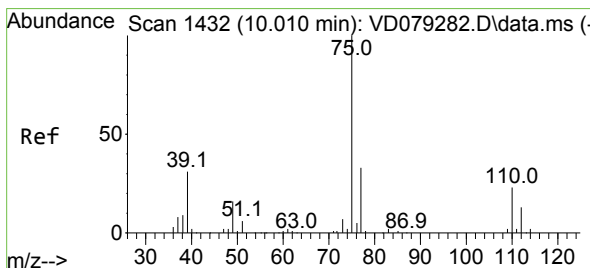
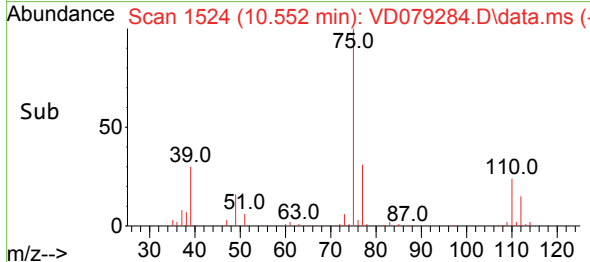
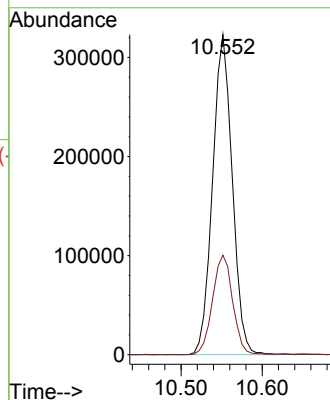
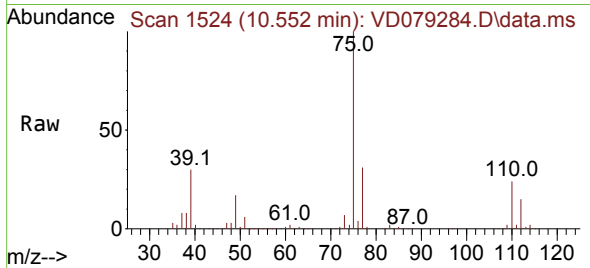




#53
t-1,3-Dichloropropene
Concen: 161.892 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

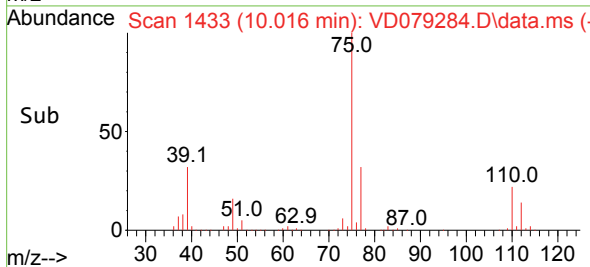
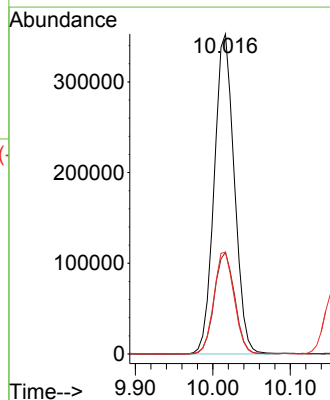
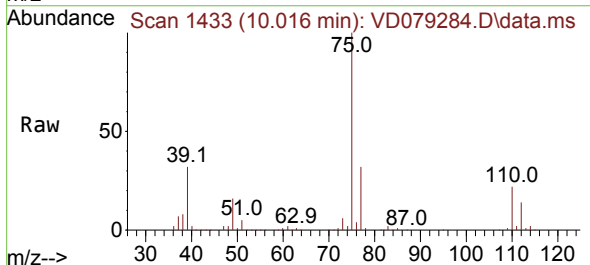
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

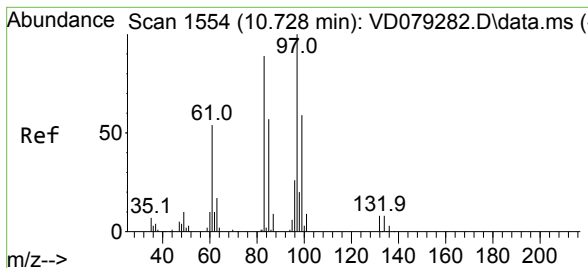
Tgt Ion: 75 Resp: 544471
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 157.858 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 75 Resp: 637010
Ion Ratio Lower Upper
75 100
77 31.8 24.4 36.6
39 31.8 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 151.337 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 297053

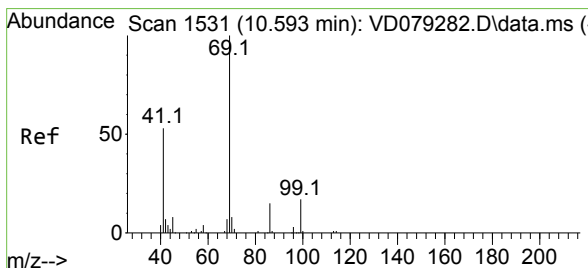
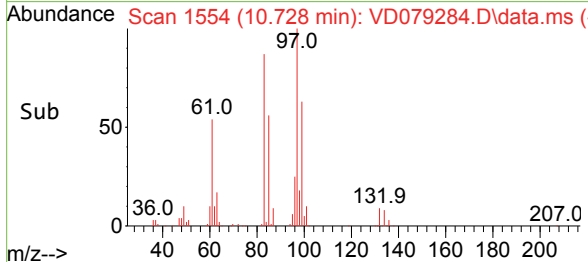
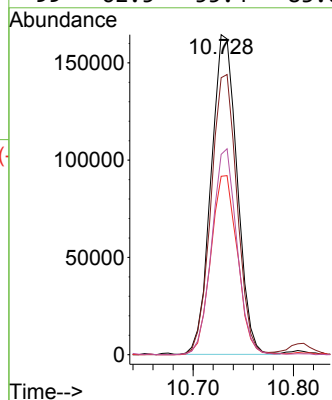
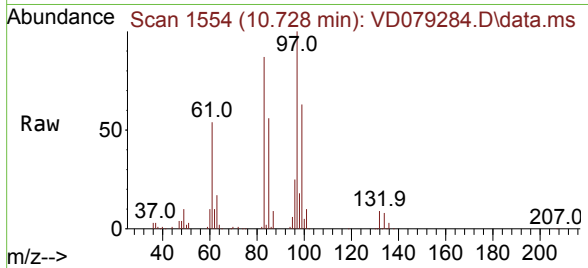
Ion Ratio Lower Upper

97 100

83 86.6 65.8 98.8

85 55.8 43.8 65.8

99 62.5 55.4 83.0



#56

Ethyl methacrylate

Concen: 152.303 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

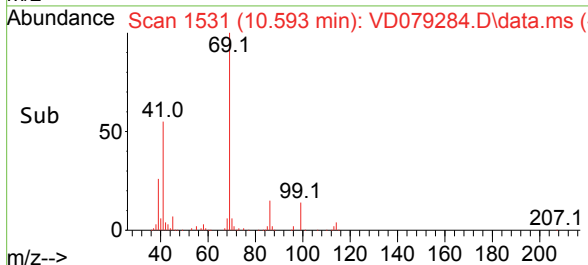
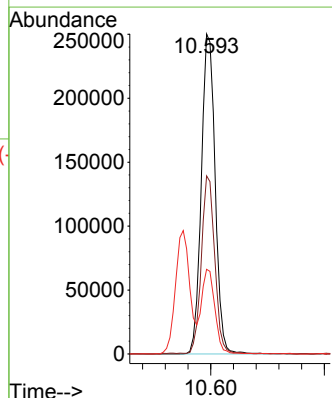
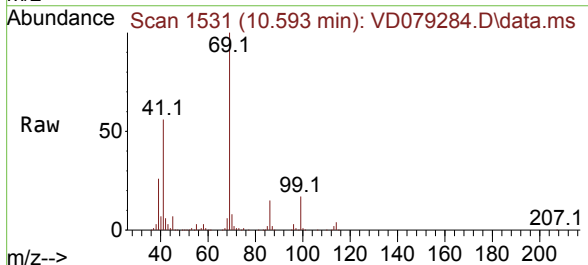
Tgt Ion: 69 Resp: 423111

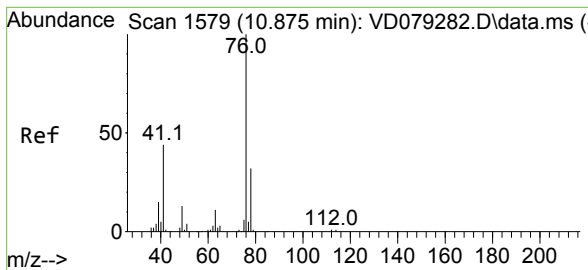
Ion Ratio Lower Upper

69 100

41 53.8 39.8 59.6

39 25.3 20.2 30.4

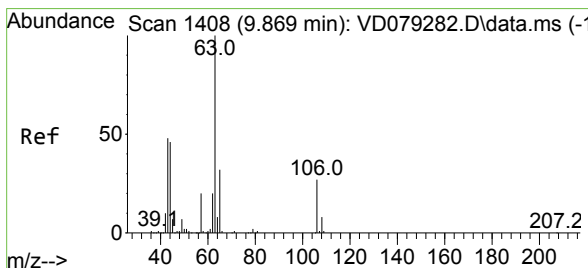
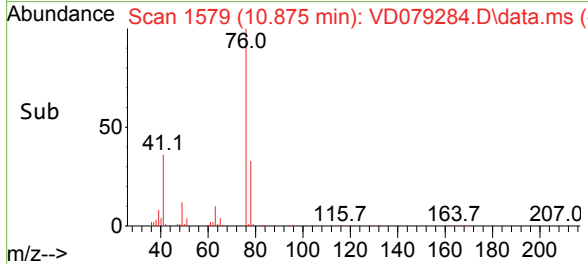
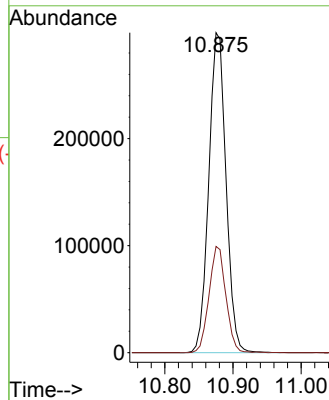
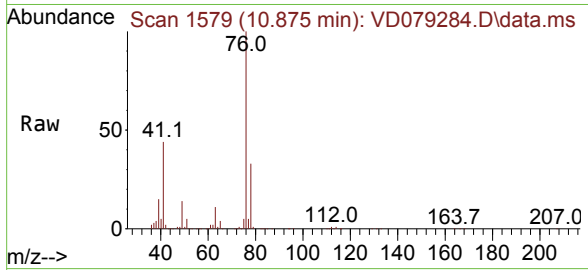




#57
1,3-Dichloropropane
Concen: 156.691 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

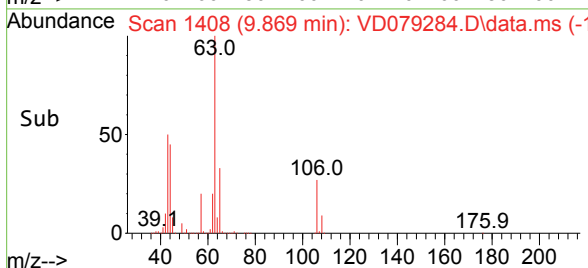
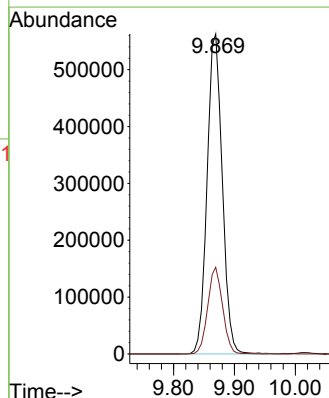
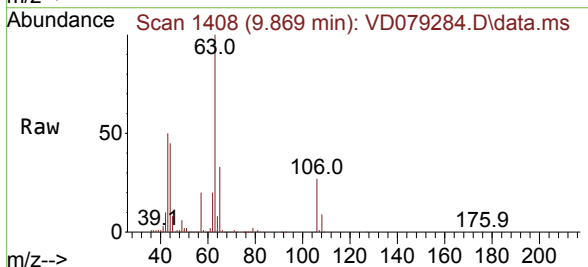
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

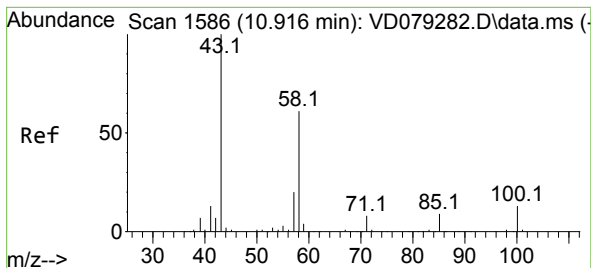
Tgt Ion: 76 Resp: 525840
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 767.463 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 63 Resp: 974352
Ion Ratio Lower Upper
63 100
106 26.5 26.4 39.6

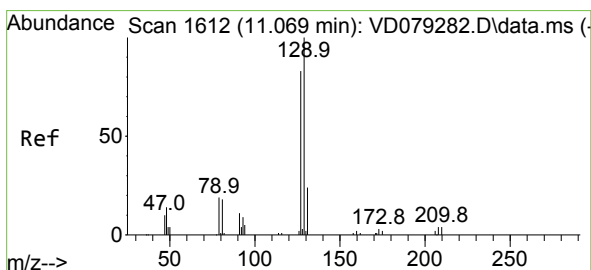
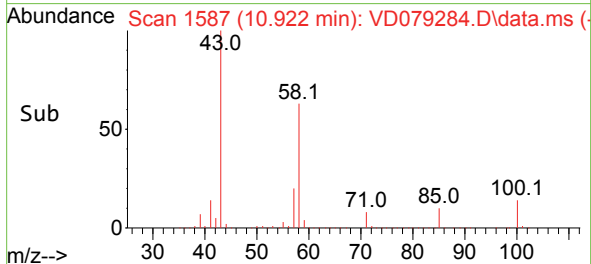
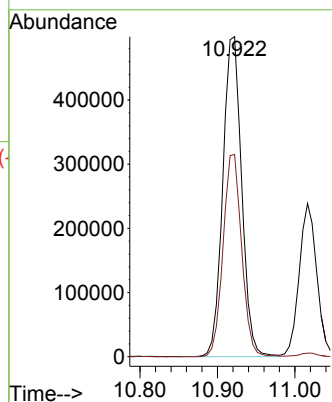
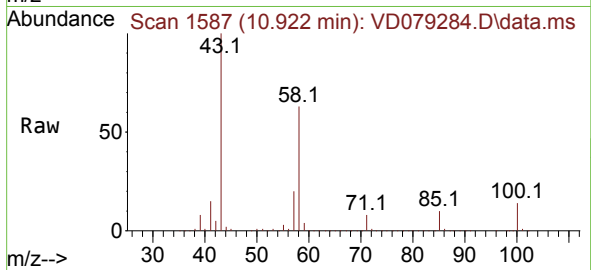




#59
2-Hexanone
Concen: 880.423 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

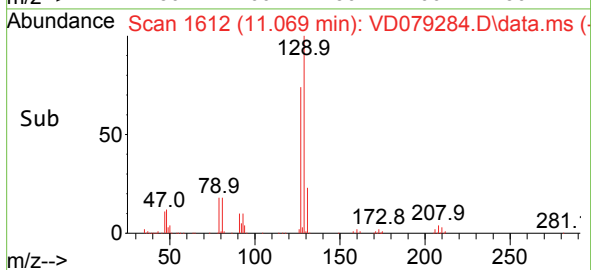
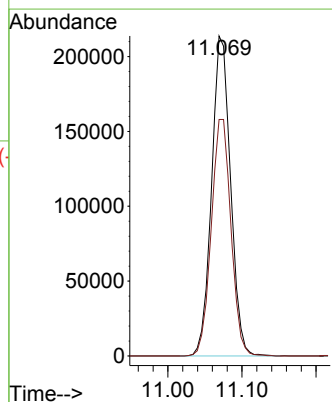
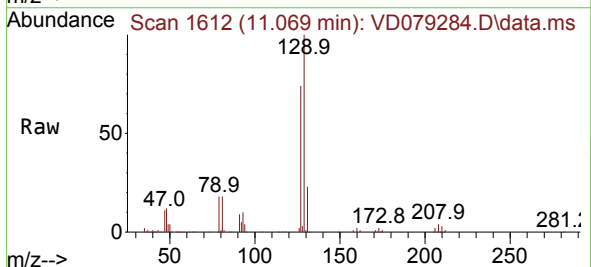
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

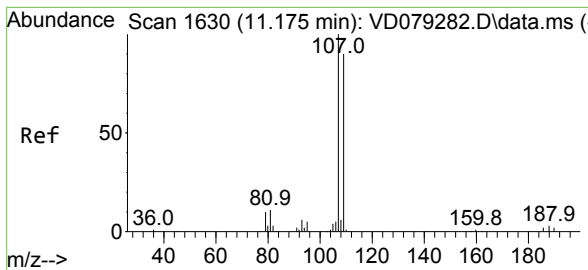
Tgt Ion: 43 Resp: 844287
Ion Ratio Lower Upper
43 100
58 62.3 31.1 93.5



#60
Dibromochloromethane
Concen: 152.929 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 129 Resp: 378908
Ion Ratio Lower Upper
129 100
127 76.8 38.0 113.9

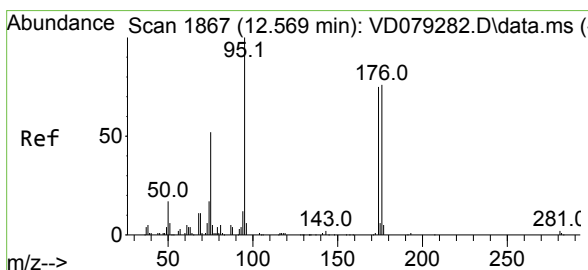
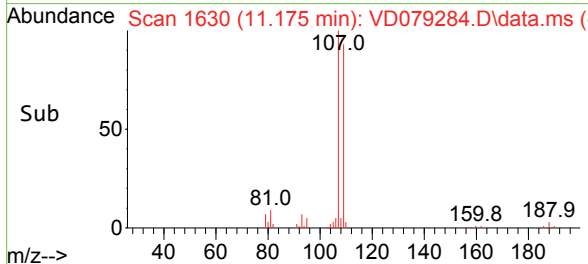
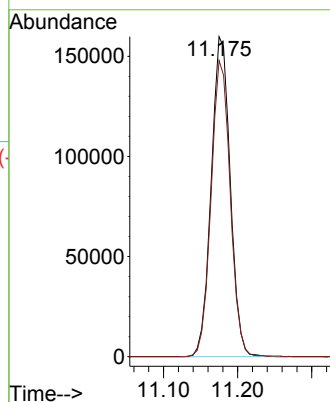
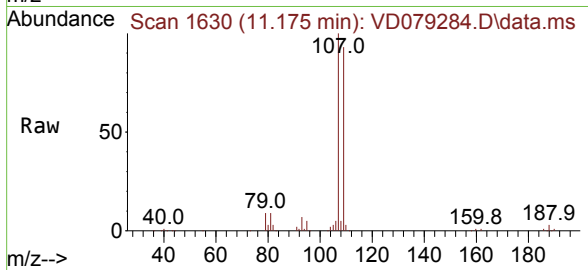




#61
 1,2-Dibromoethane
 Concen: 158.117 ug/l
 RT: 11.175 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: VD079284.D
 Acq: 28 Jun 2024 15:48

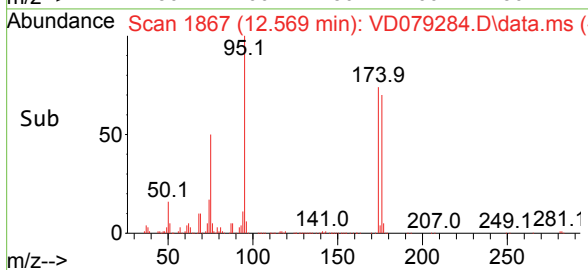
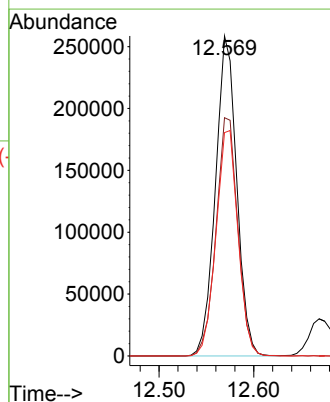
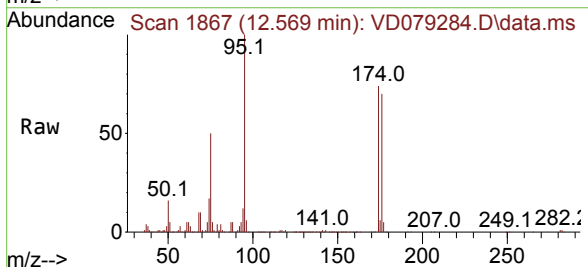
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

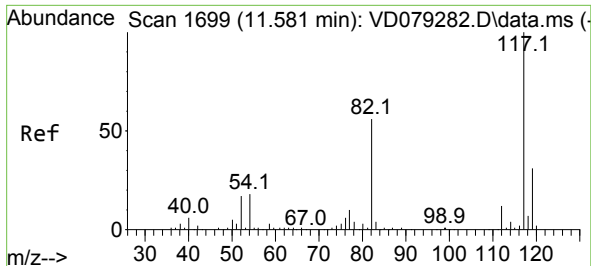
Tgt Ion:107 Resp: 284535
 Ion Ratio Lower Upper
 107 100
 109 92.9 72.0 108.0



#62
 4-Bromofluorobenzene
 Concen: 153.874 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VD079284.D
 Acq: 28 Jun 2024 15:48

Tgt Ion: 95 Resp: 403569
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 195.4
 176 72.9 0.0 192.6

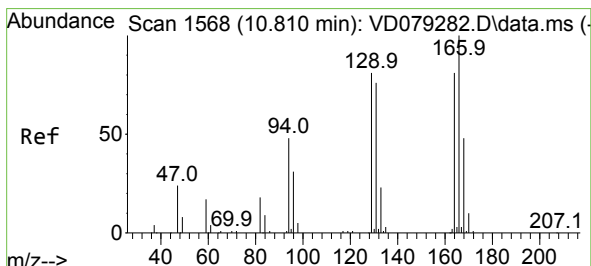
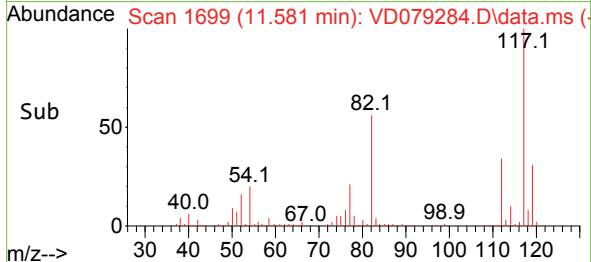
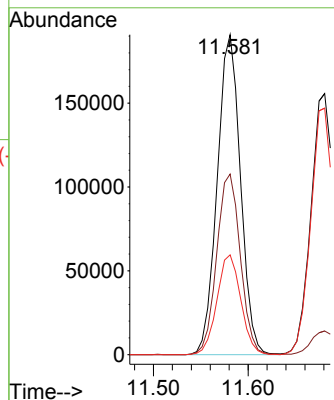
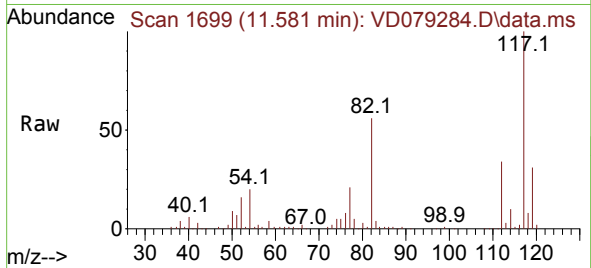




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

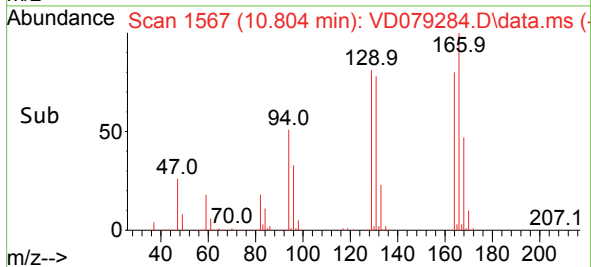
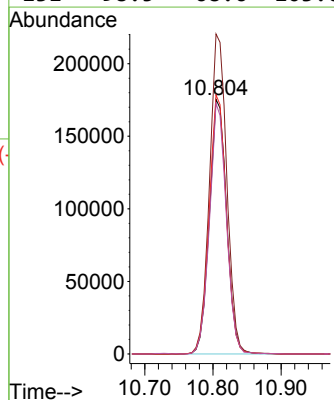
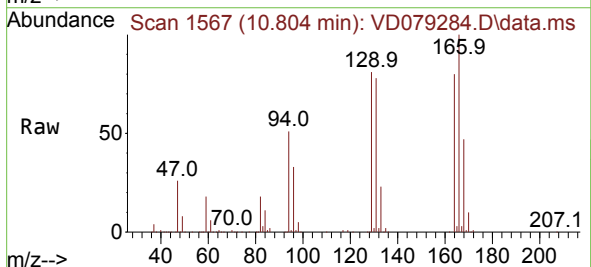
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

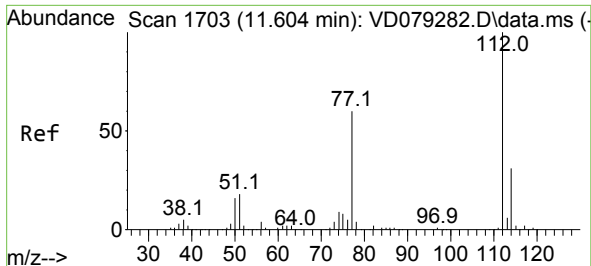
Tgt Ion:117 Resp: 325920
Ion Ratio Lower Upper
117 100
82 56.5 39.8 59.6
119 31.2 25.7 38.5



#64
Tetrachloroethene
Concen: 151.602 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion:164 Resp: 307852
Ion Ratio Lower Upper
164 100
166 125.7 108.6 163.0
129 101.8 74.6 112.0
131 98.5 68.6 103.0

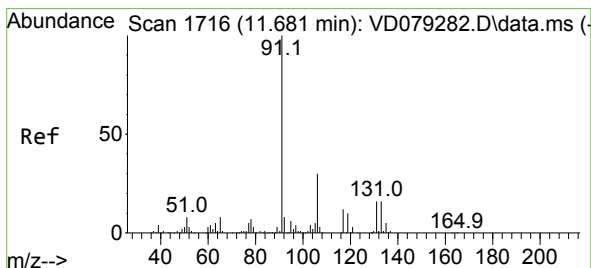
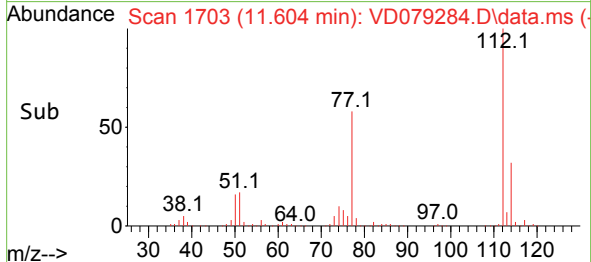
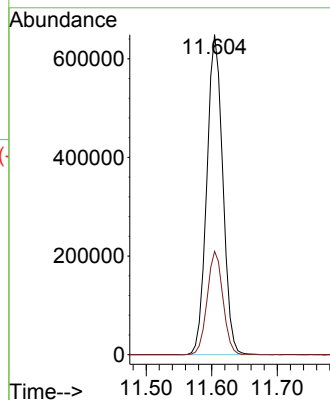
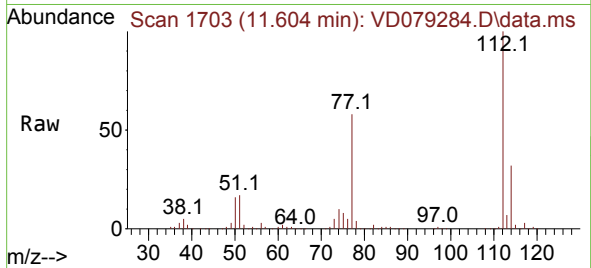




#65
Chlorobenzene
Concen: 151.558 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

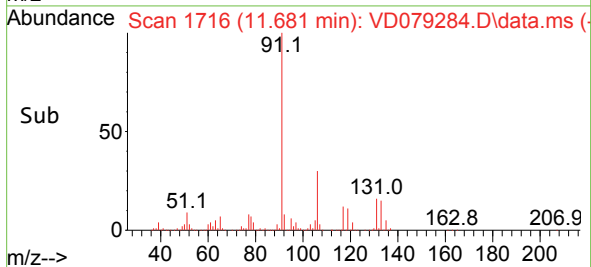
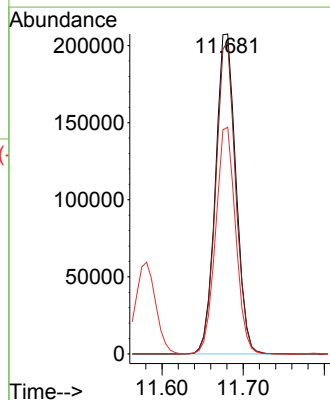
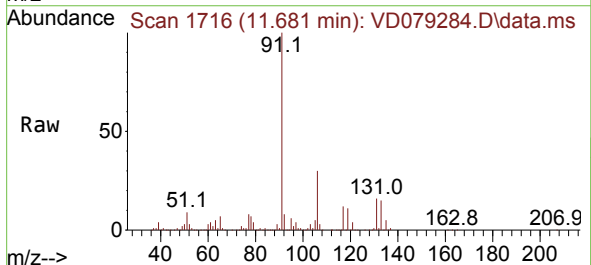
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

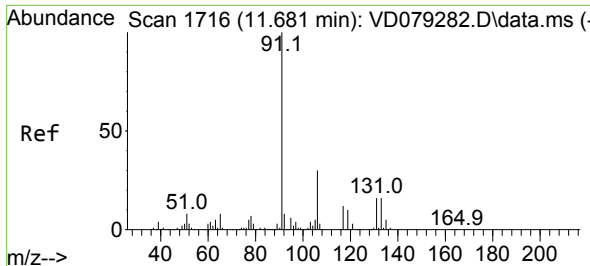
Tgt Ion:112 Resp: 1098688
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 147.484 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion:131 Resp: 363908
Ion Ratio Lower Upper
131 100
133 94.9 49.2 147.6
119 69.5 33.4 100.2

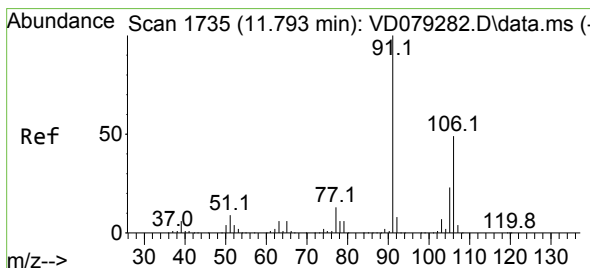
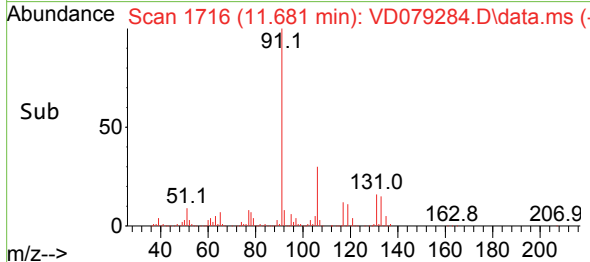
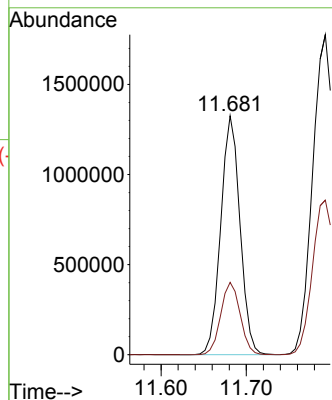
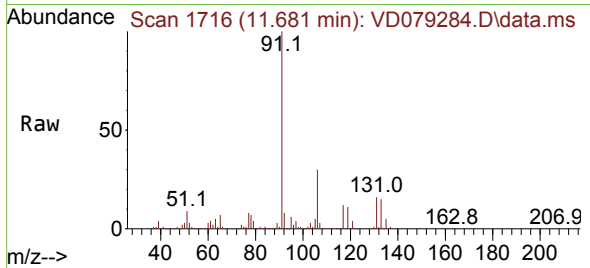




#67
Ethyl Benzene
Concen: 164.590 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

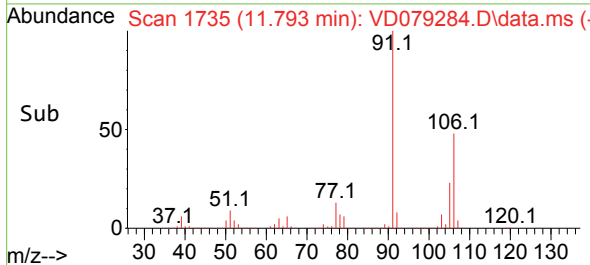
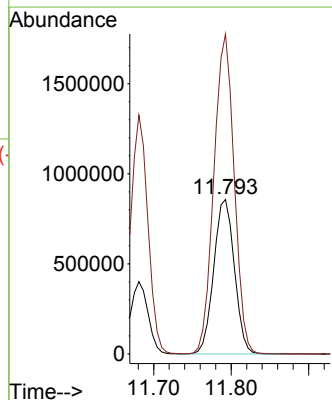
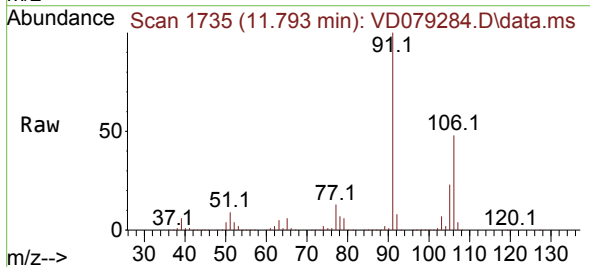
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

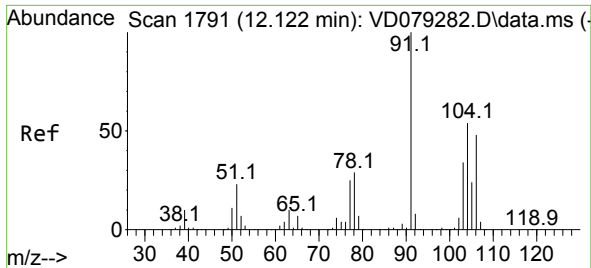
Tgt Ion: 91 Resp: 2082037
Ion Ratio Lower Upper
91 100
106 30.3 25.8 38.6



#68
m/p-Xylenes
Concen: 325.072 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion:106 Resp: 1586104
Ion Ratio Lower Upper
106 100
91 203.9 148.5 222.7

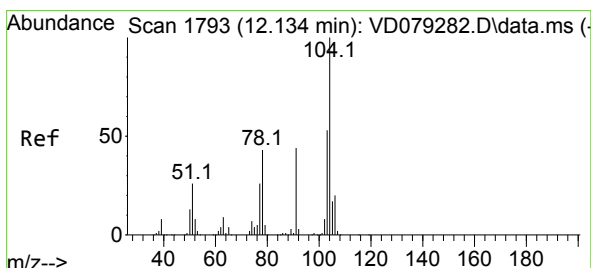
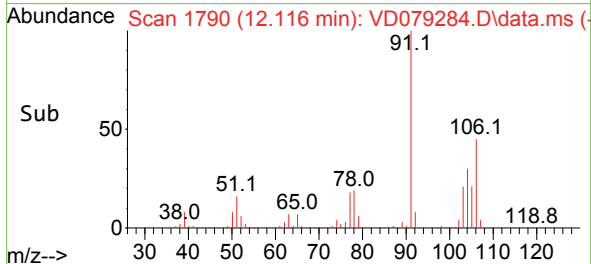
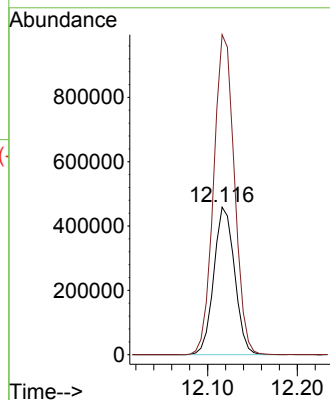
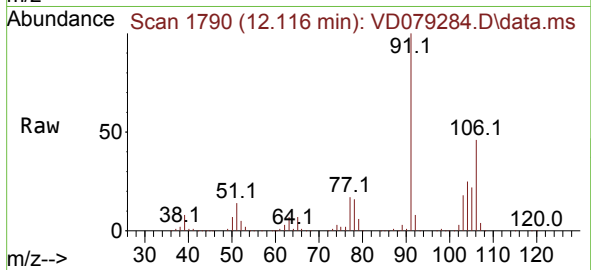




#69
o-Xylene
Concen: 168.392 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

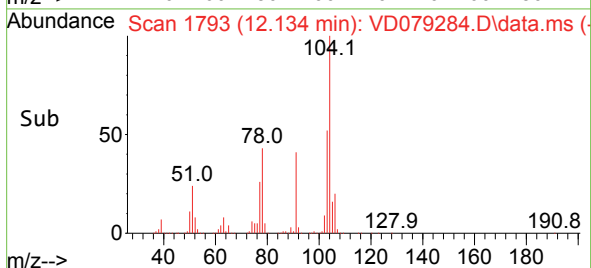
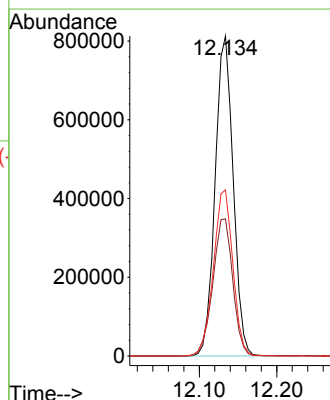
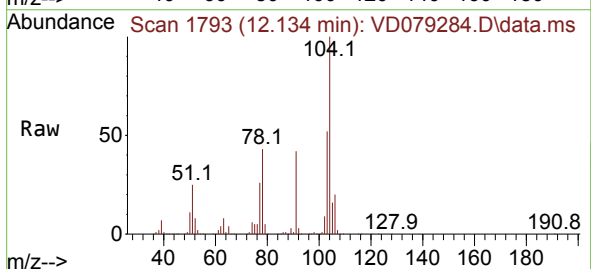
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

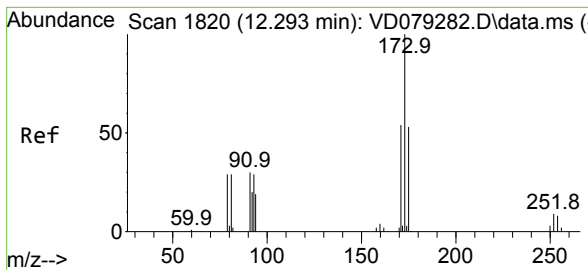
Tgt Ion:106 Resp: 738092
Ion Ratio Lower Upper
106 100
91 217.2 96.7 290.1



#70
Styrene
Concen: 168.235 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion:104 Resp: 1315081
Ion Ratio Lower Upper
104 100
78 47.5 33.0 49.6
103 56.0 44.2 66.4

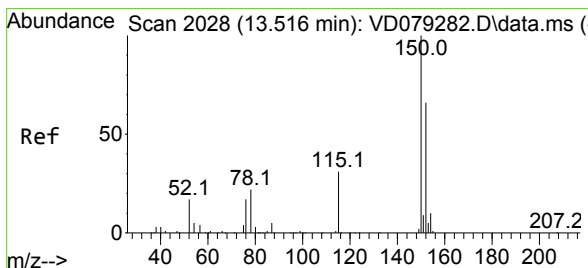
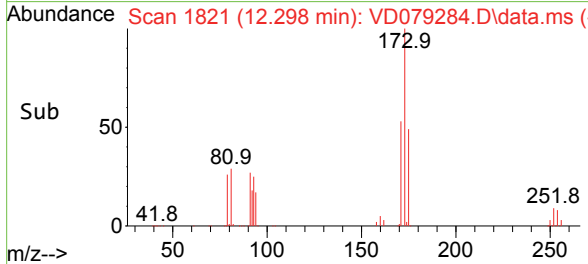
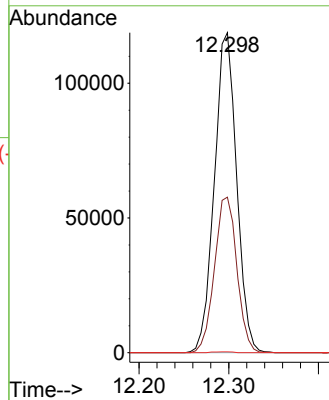
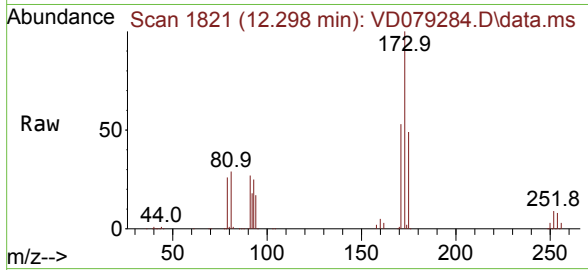




#71
Bromoform
Concen: 152.815 ug/l
RT: 12.298 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

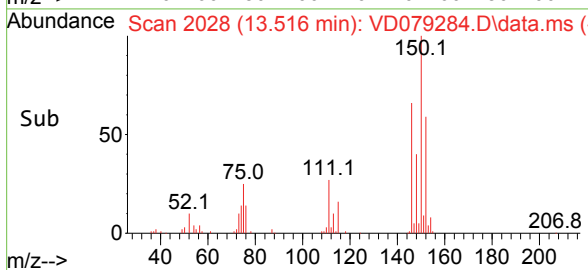
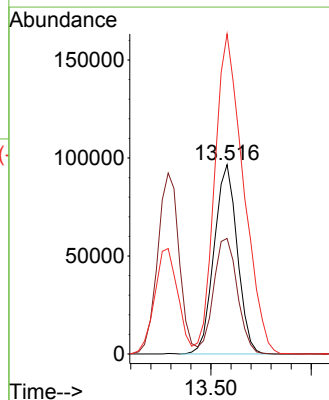
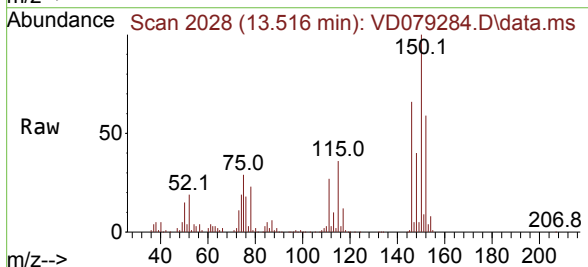
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

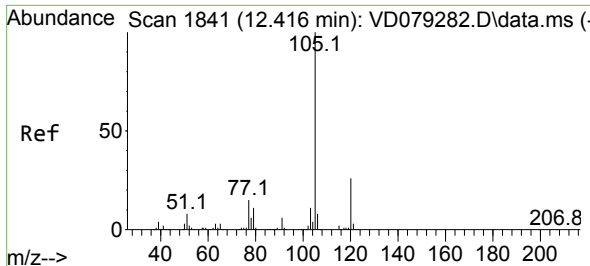
Tgt Ion:173 Resp: 204486
Ion Ratio Lower Upper
173 100
175 49.0 23.7 71.1
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion:152 Resp: 154923
Ion Ratio Lower Upper
152 100
115 62.7 26.5 79.5
150 209.6 0.0 341.6

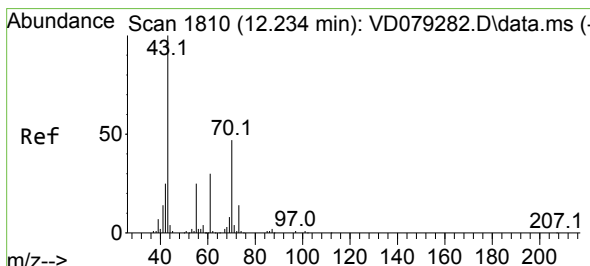
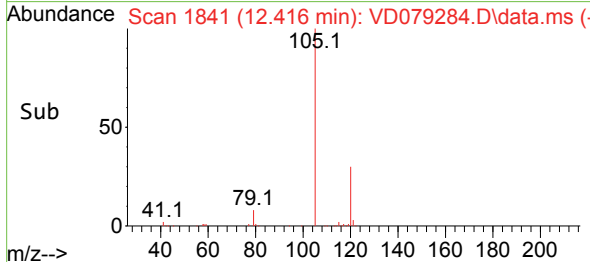
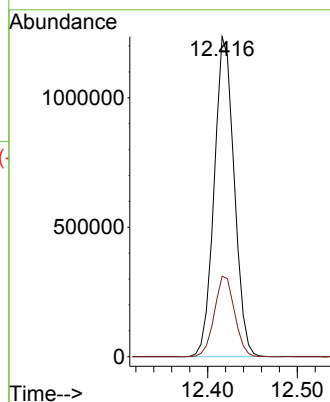
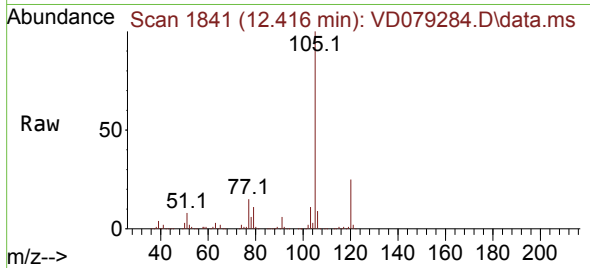




#73
Isopropylbenzene
Concen: 166.023 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

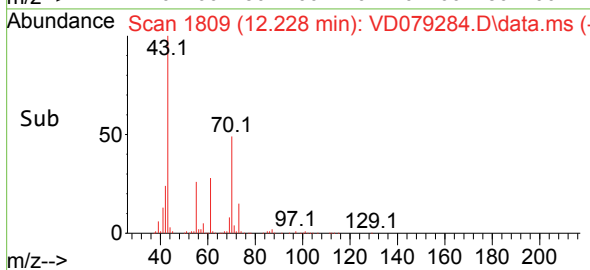
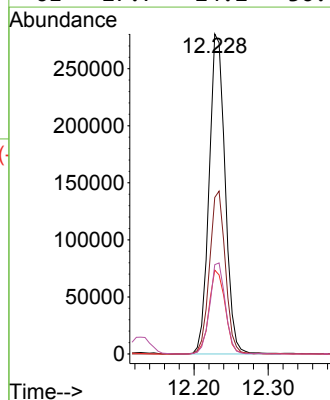
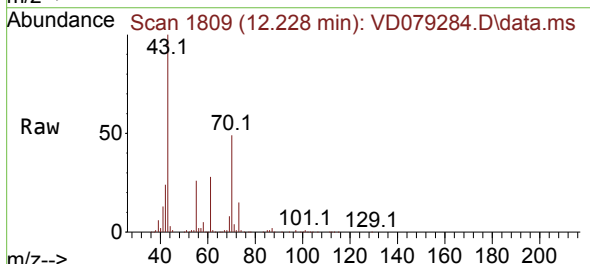
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

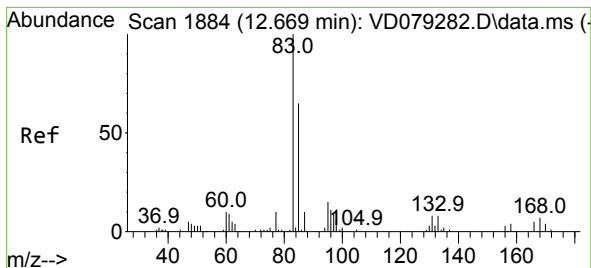
Tgt Ion:105 Resp: 1912036
Ion Ratio Lower Upper
105 100
120 25.5 13.6 40.7



#74
N-ethyl acetate
Concen: 166.371 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 43 Resp: 420551
Ion Ratio Lower Upper
43 100
70 50.3 44.3 66.5
55 26.6 23.2 34.8
61 27.7 24.2 36.4

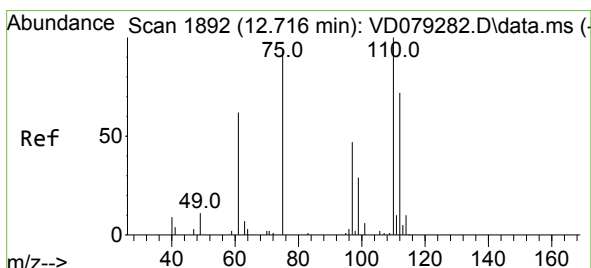
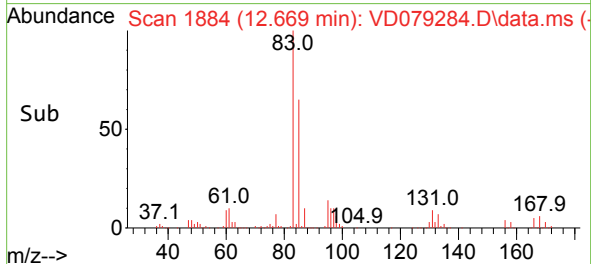
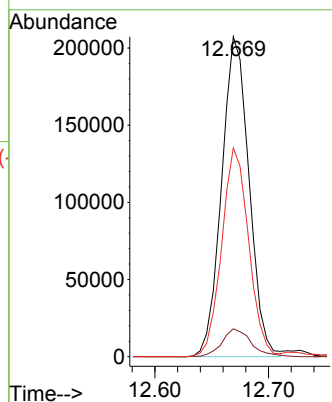
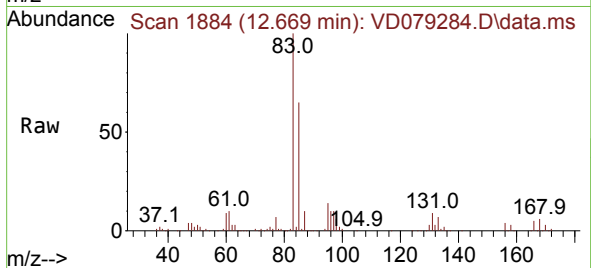




#75
 1,1,2,2-Tetrachloroethane
 Concen: 144.741 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD079284.D
 Acq: 28 Jun 2024 15:48

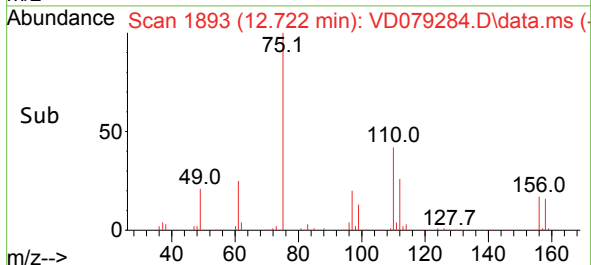
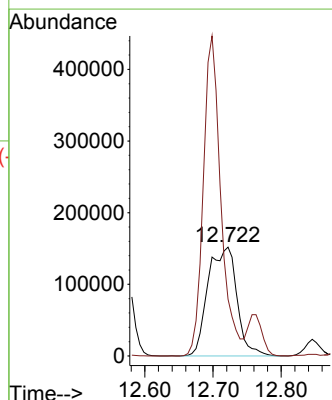
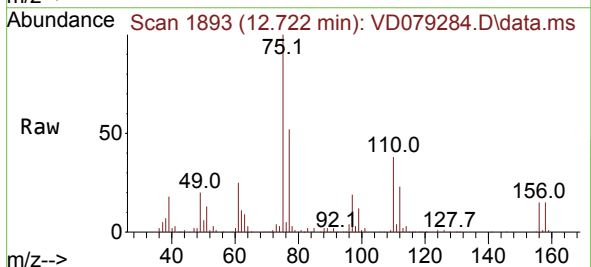
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

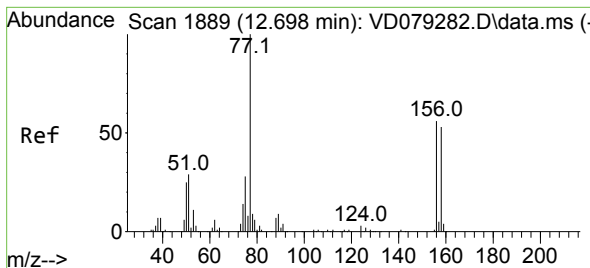
Tgt Ion: 83 Resp: 347489
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.5 16.5
 85 64.3 33.8 101.3



#76
 1,2,3-Trichloropropane
 Concen: 291.638 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD079284.D
 Acq: 28 Jun 2024 15:48

Tgt Ion: 75 Resp: 448155
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 155.593 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

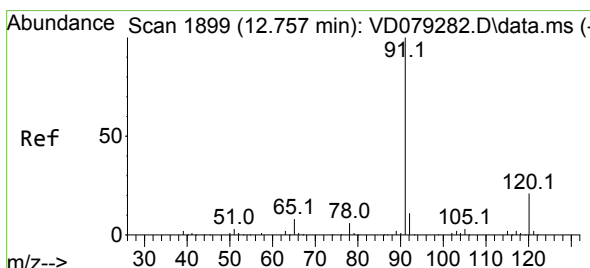
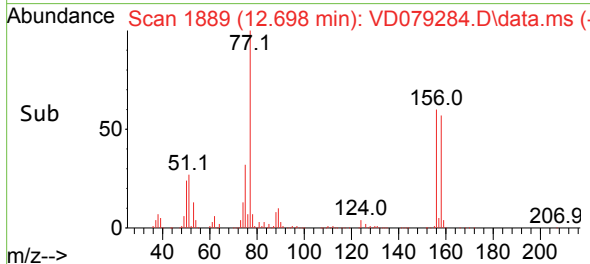
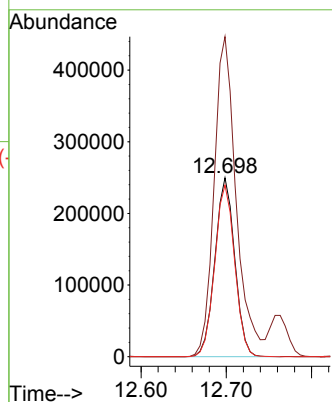
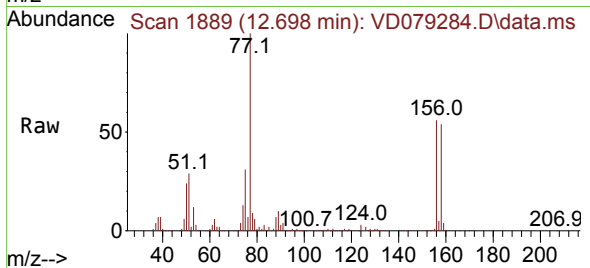
Tgt Ion:156 Resp: 403094

Ion Ratio Lower Upper

156 100

77 198.1 77.3 231.9

158 96.6 49.6 149.0



#78

n-propylbenzene

Concen: 160.508 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD079284.D

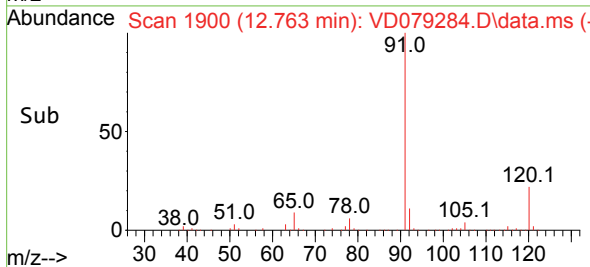
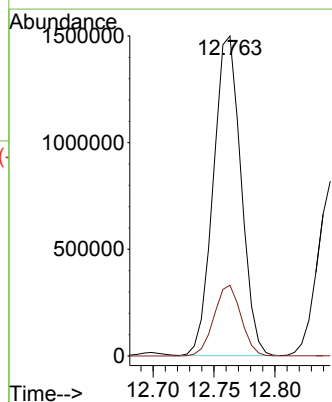
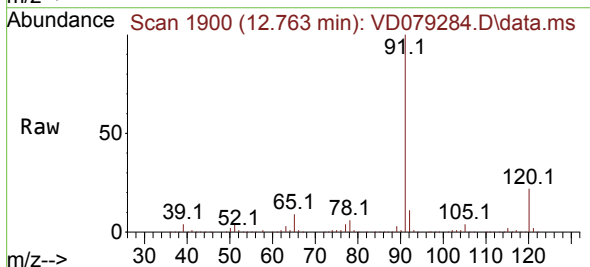
Acq: 28 Jun 2024 15:48

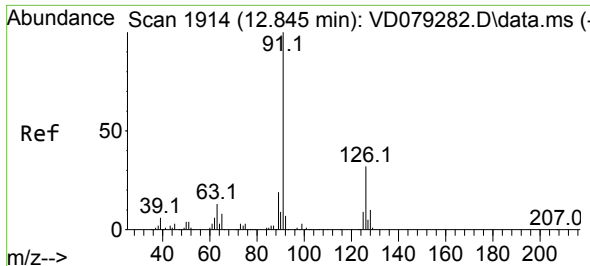
Tgt Ion: 91 Resp: 2366518

Ion Ratio Lower Upper

91 100

120 21.6 12.3 36.8

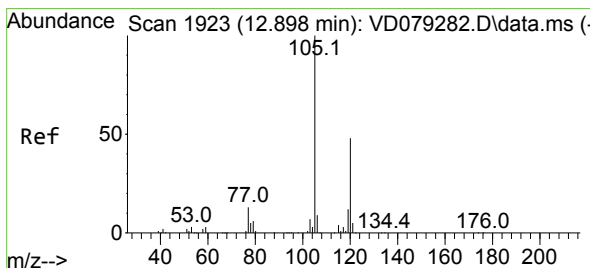
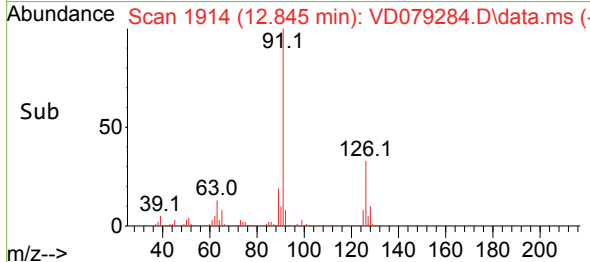
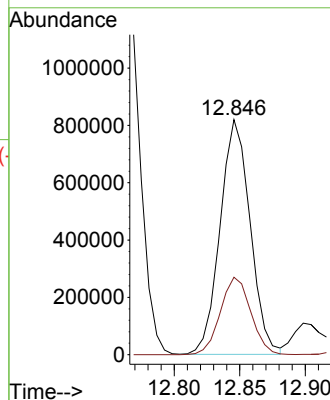
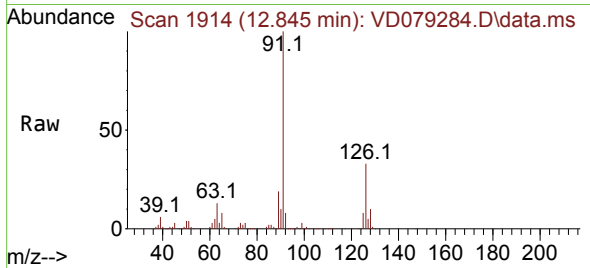




#79
2-Chlorotoluene
Concen: 158.575 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

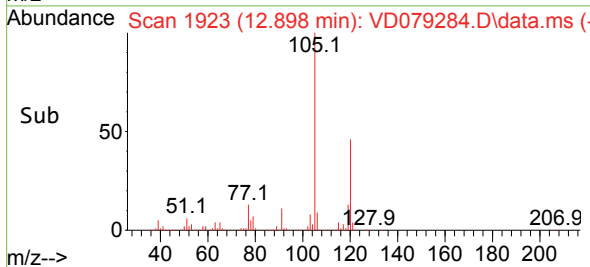
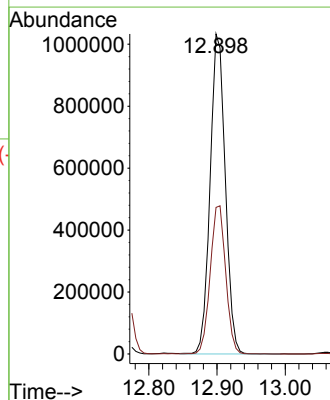
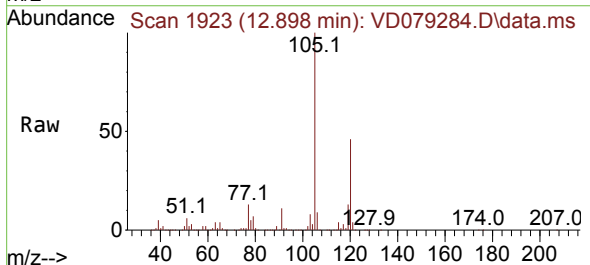
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

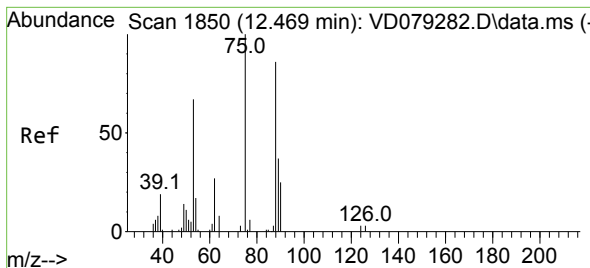
Tgt Ion: 91 Resp: 1307096
Ion Ratio Lower Upper
91 100
126 33.4 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 163.911 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 105 Resp: 1598258
Ion Ratio Lower Upper
105 100
120 47.3 25.7 77.1

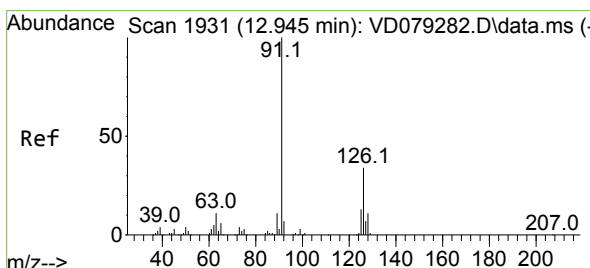
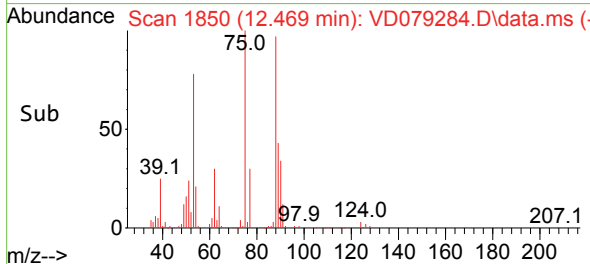
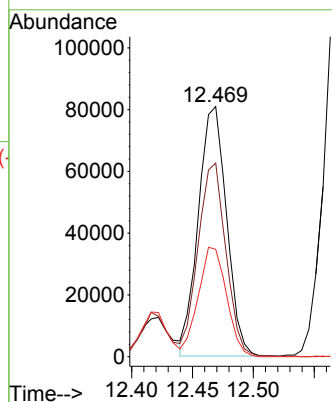
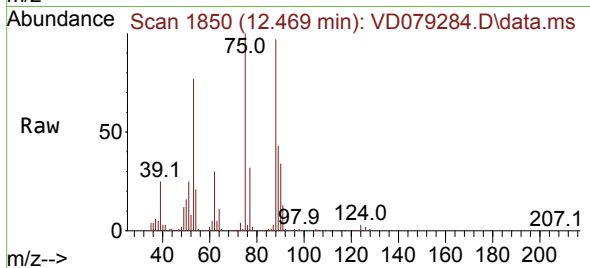




#81
trans-1,4-Dichloro-2-butene
Concen: 156.021 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

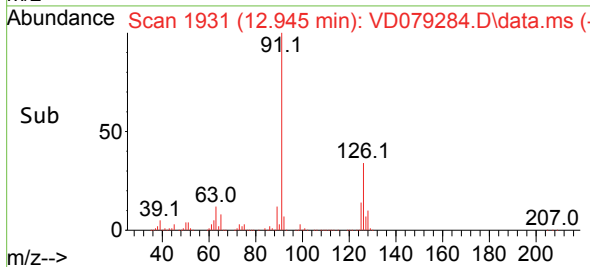
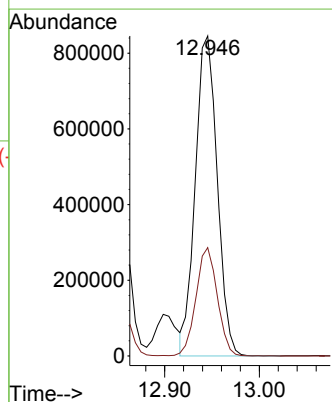
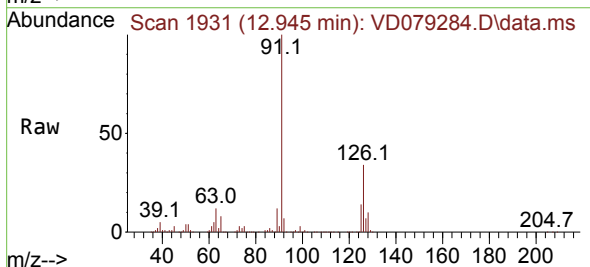
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

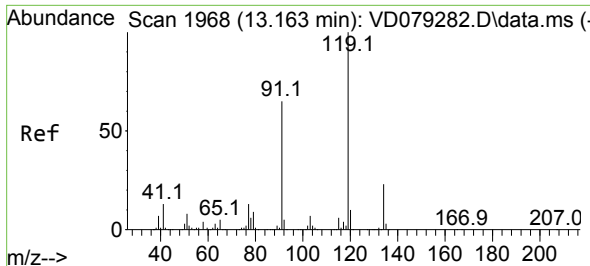
Tgt Ion: 75 Resp: 130358
Ion Ratio Lower Upper
75 100
53 76.9 61.4 92.2
89 44.0 35.4 53.0



#82
4-Chlorotoluene
Concen: 157.142 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 91 Resp: 1360887
Ion Ratio Lower Upper
91 100
126 33.0 18.9 56.9

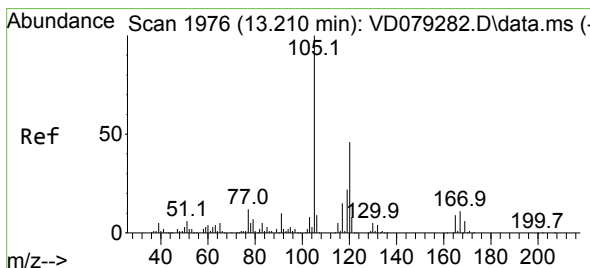
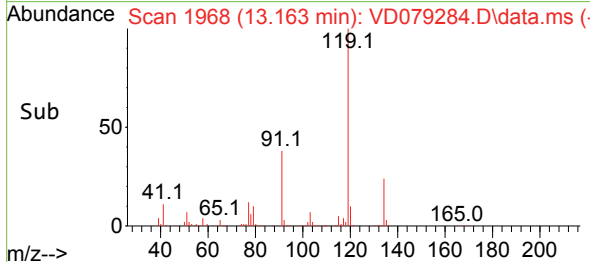
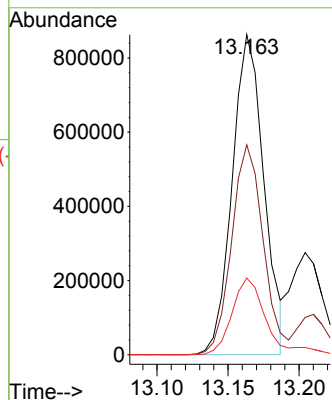
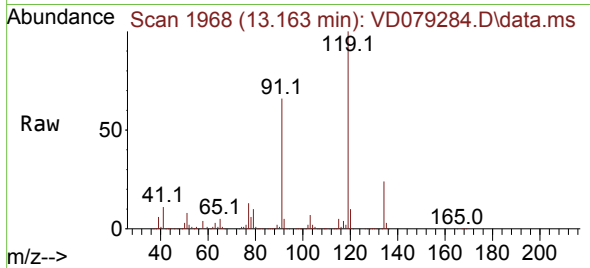




#83
tert-Butylbenzene
Concen: 169.841 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

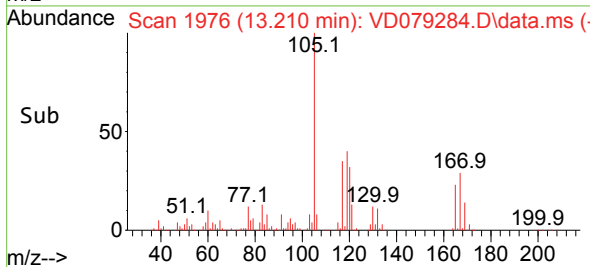
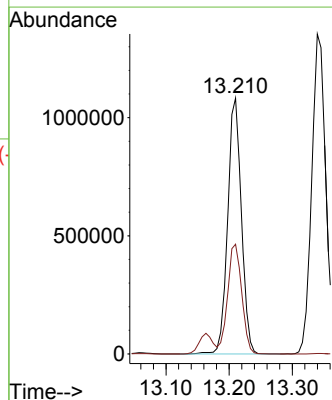
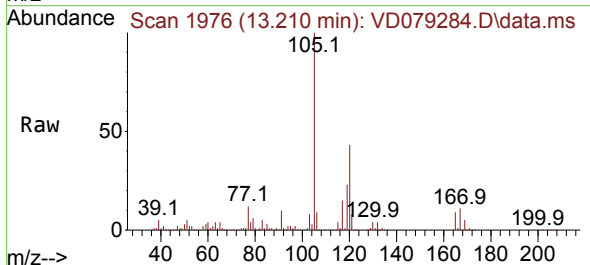
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

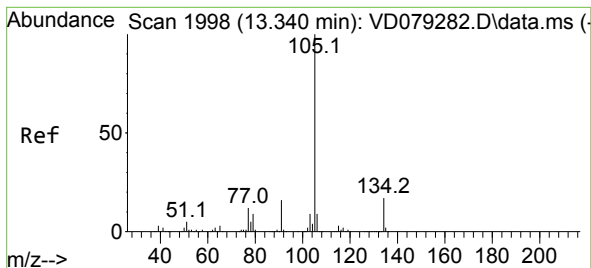
Tgt Ion:119 Resp: 1341518
Ion Ratio Lower Upper
119 100
91 65.5 28.2 84.7
134 25.8 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 167.510 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079284.D
Acq: 28 Jun 2024 15:48

Tgt Ion:105 Resp: 1634853
Ion Ratio Lower Upper
105 100
120 44.1 23.6 71.0





#85

sec-Butylbenzene

Concen: 165.449 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

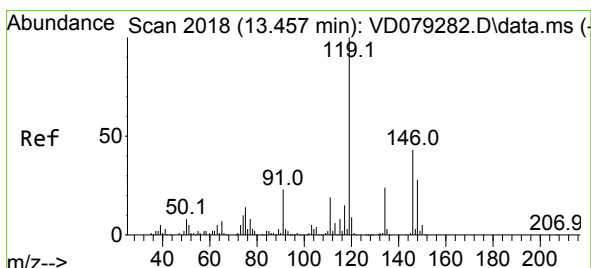
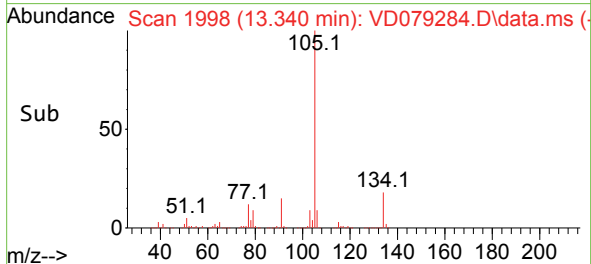
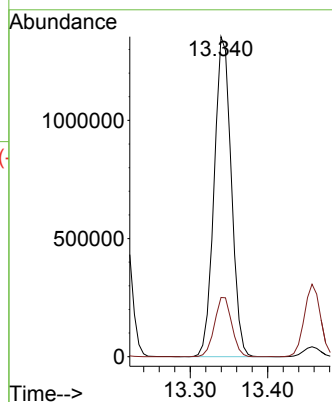
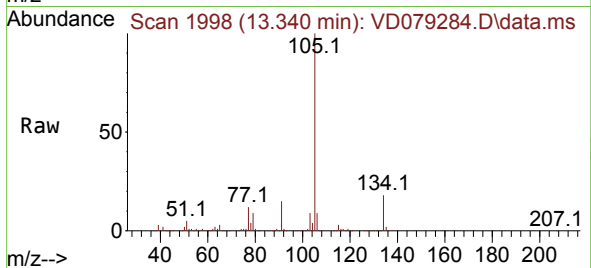
VSTDIC150

Tgt Ion:105 Resp: 2079327

Ion Ratio Lower Upper

105 100

134 18.7 10.3 30.8



#86

p-Isopropyltoluene

Concen: 170.502 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

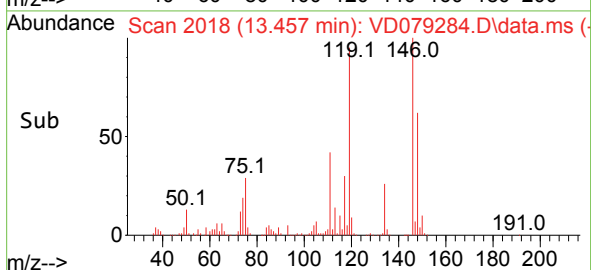
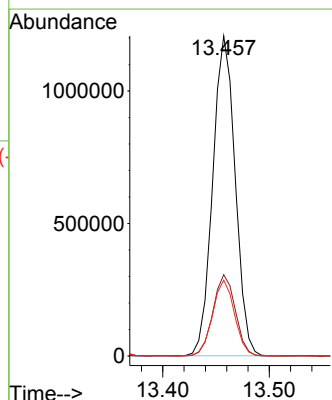
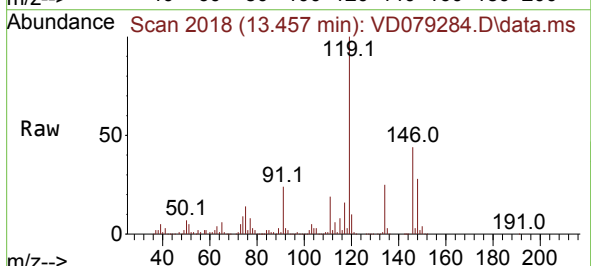
Tgt Ion:119 Resp: 1768659

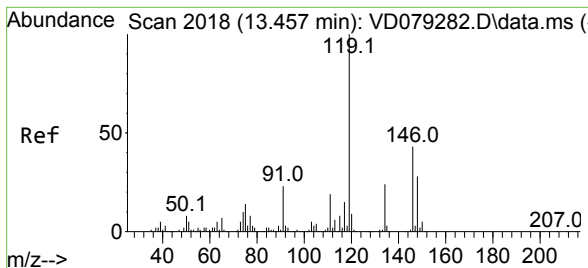
Ion Ratio Lower Upper

119 100

134 25.2 13.7 41.1

91 23.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 153.596 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

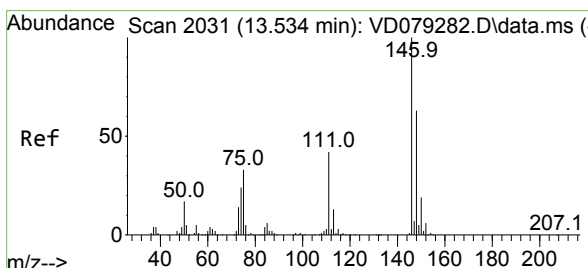
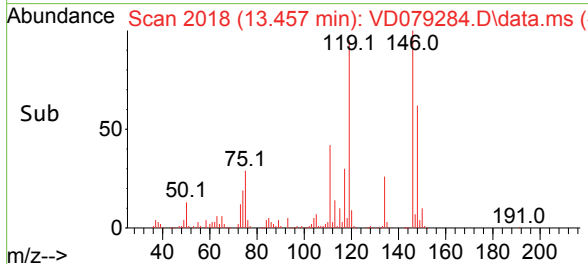
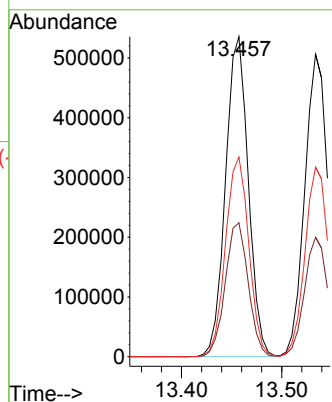
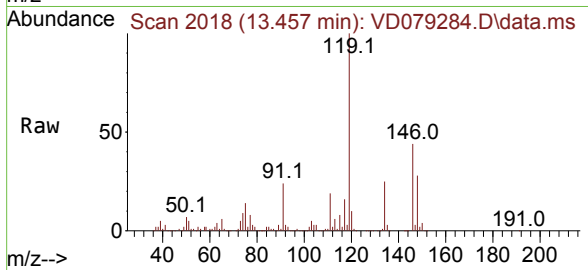
Tgt Ion:146 Resp: 846134

Ion Ratio Lower Upper

146 100

111 42.4 18.5 55.5

148 63.8 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 149.765 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

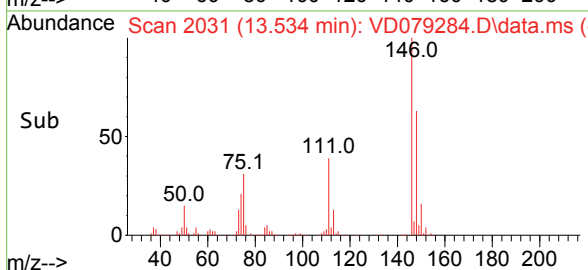
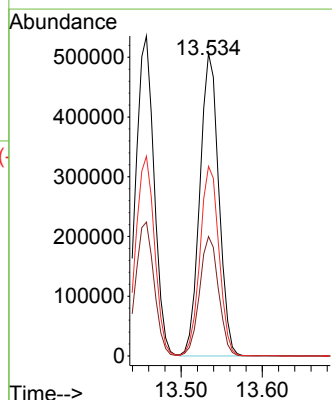
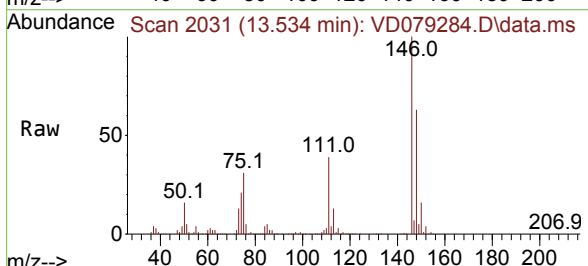
Tgt Ion:146 Resp: 819959

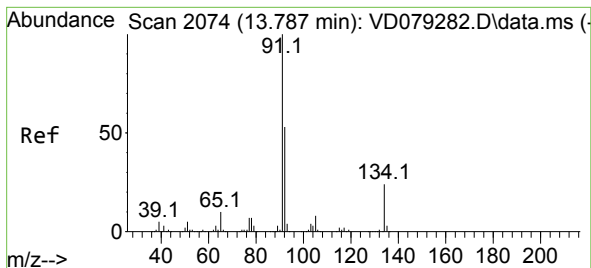
Ion Ratio Lower Upper

146 100

111 39.4 17.5 52.6

148 62.8 31.4 94.2





#89

n-Butylbenzene

Concen: 165.924 ug/l

RT: 13.781 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

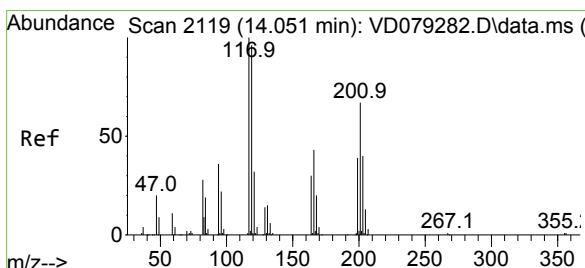
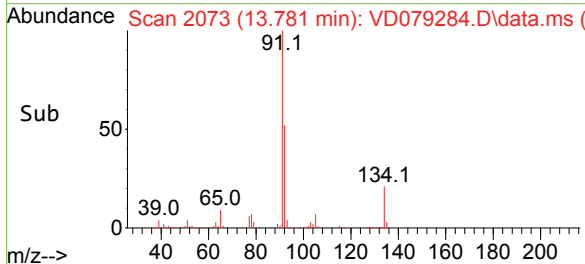
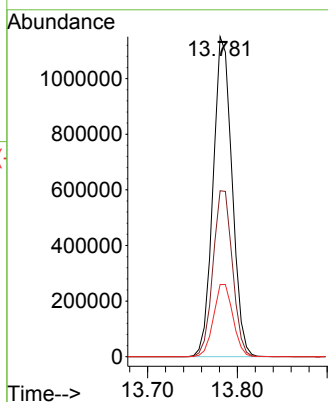
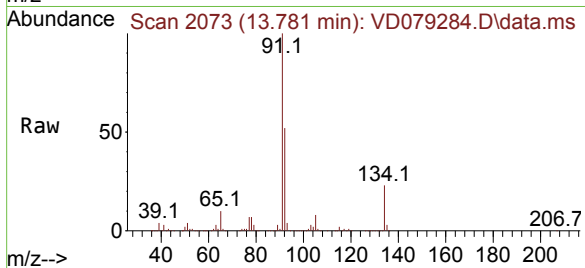
MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1688932

Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.7	77.0
134	23.2	13.6	40.8



#90

Hexachloroethane

Concen: 146.398 ug/l

RT: 14.051 min Scan# 2119

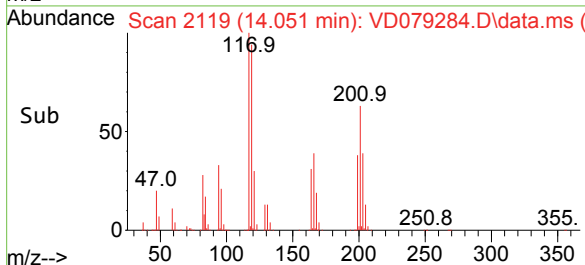
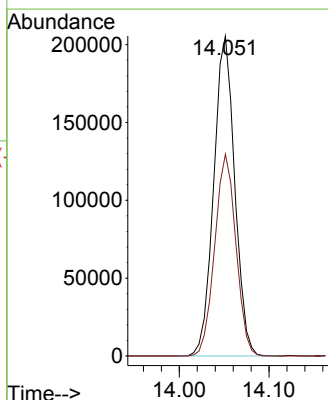
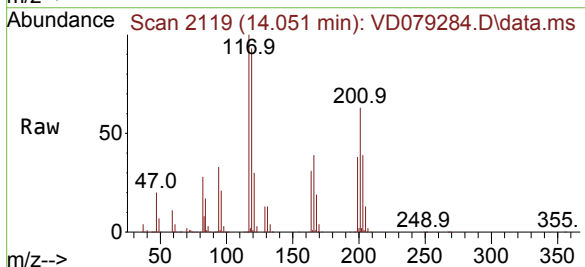
Delta R.T. 0.000 min

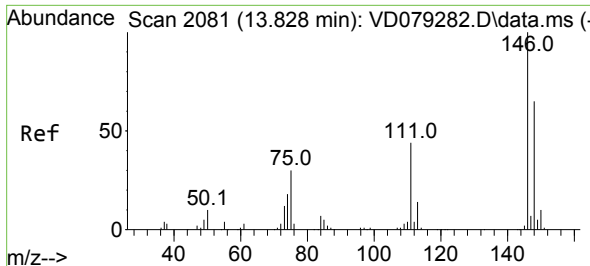
Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Tgt Ion: 117 Resp: 334029

Ion	Ratio	Lower	Upper
117	100		
201	63.5	36.3	108.9

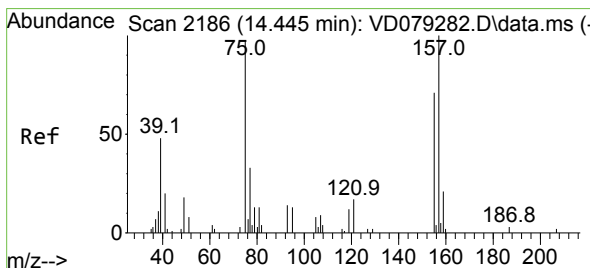
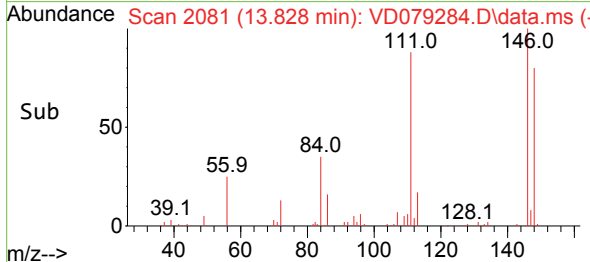
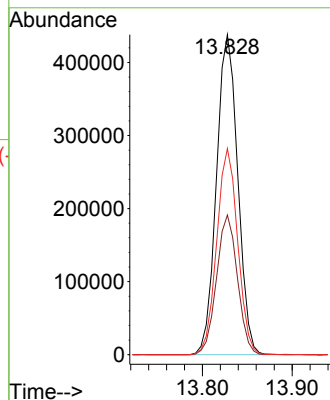
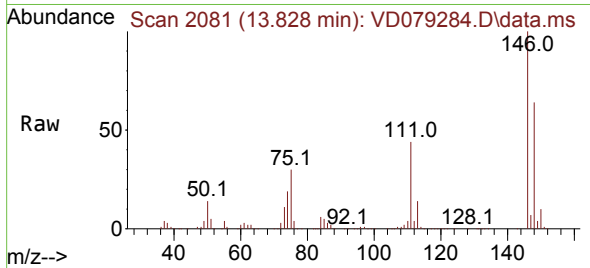




#91
 1,2-Dichlorobenzene
 Concen: 152.332 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD079284.D
 Acq: 28 Jun 2024 15:48

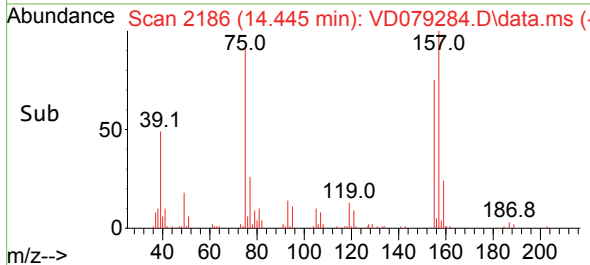
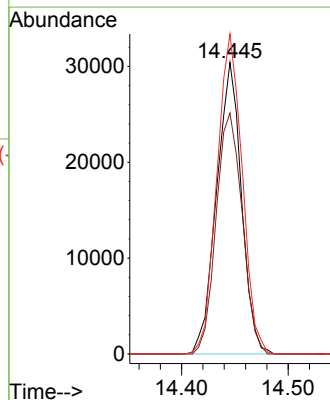
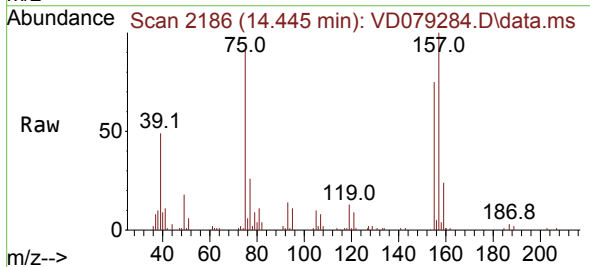
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

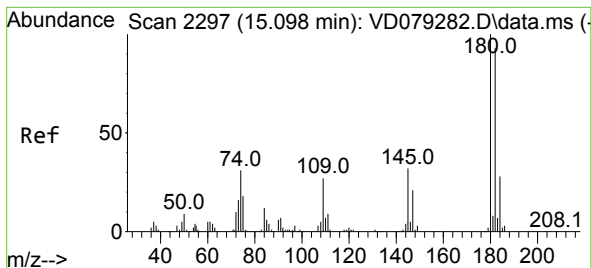
Tgt Ion:146 Resp: 722169
 Ion Ratio Lower Upper
 146 100
 111 42.8 19.1 57.1
 148 63.3 31.1 93.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 150.082 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD079284.D
 Acq: 28 Jun 2024 15:48

Tgt Ion: 75 Resp: 49397
 Ion Ratio Lower Upper
 75 100
 155 86.1 47.7 143.1
 157 111.4 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 169.925 ug/l

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

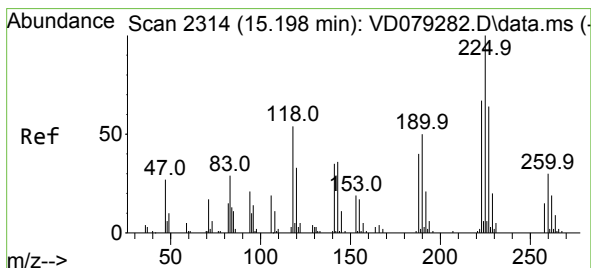
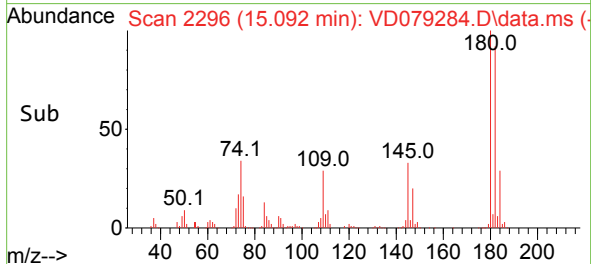
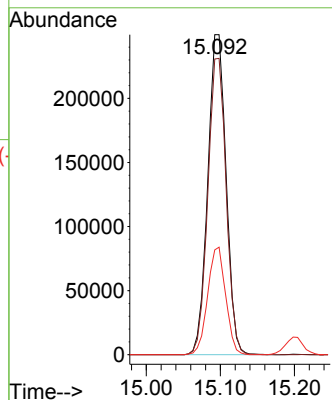
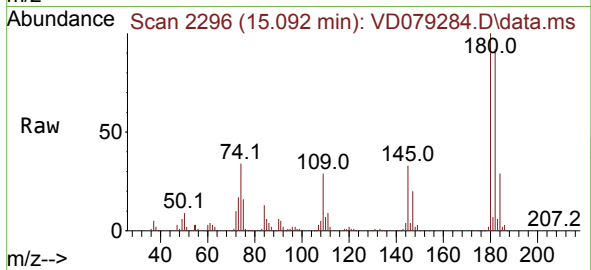
Tgt Ion:180 Resp: 429533

Ion Ratio Lower Upper

180 100

182 92.6 46.9 140.7

145 32.9 14.0 41.9



#94

Hexachlorobutadiene

Concen: 153.513 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

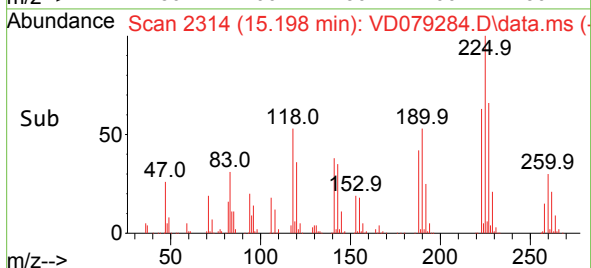
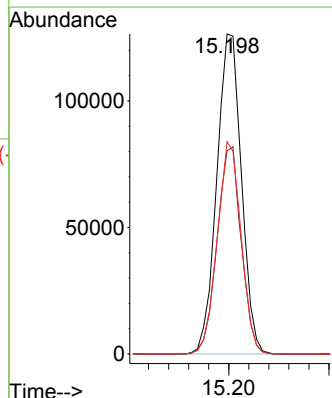
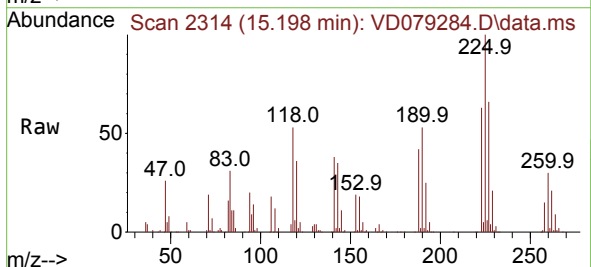
Tgt Ion:225 Resp: 215782

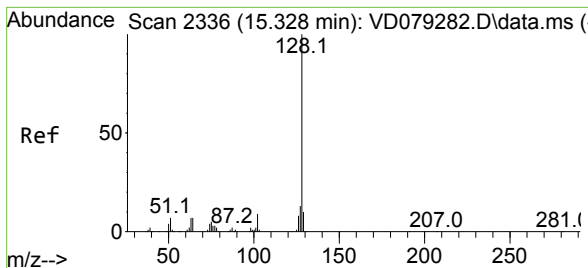
Ion Ratio Lower Upper

225 100

223 63.5 33.3 99.9

227 64.0 33.6 100.6





#95

Naphthalene

Concen: 195.099 ug/l

RT: 15.328 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

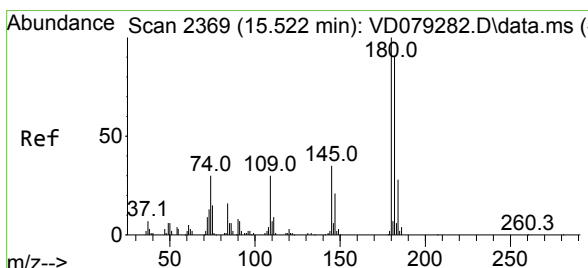
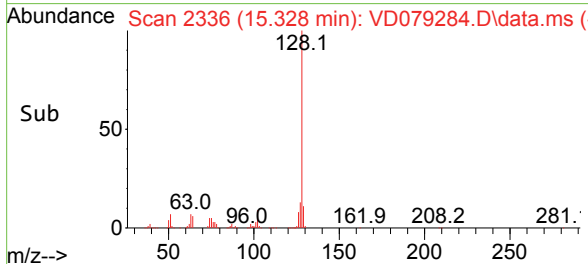
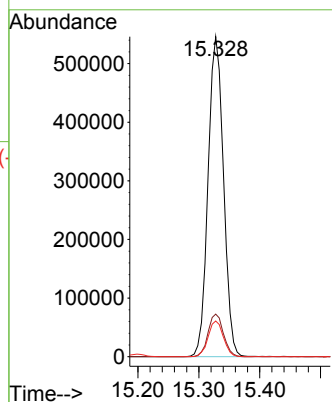
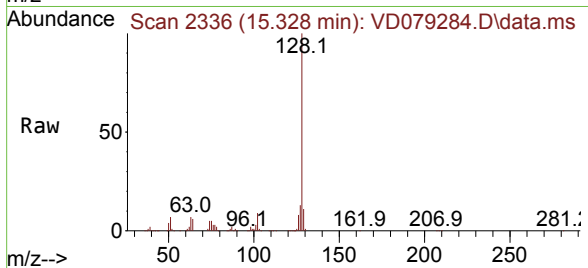
Tgt Ion:128 Resp: 962617

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.2 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 168.690 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD079284.D

Acq: 28 Jun 2024 15:48

Tgt Ion:180 Resp: 377047

Ion Ratio Lower Upper

180 100

182 94.6 47.8 143.3

145 35.1 16.1 48.2

