

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072224\
 Data File : VD079391.D
 Acq On : 22 Jul 2024 15:19
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 23 10:15:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 09:57:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	202147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	357874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	329222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	165578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	311715	135.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 271.440%#	
35) Dibromofluoromethane	7.805	113	343430	137.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 275.980%#	
50) Toluene-d8	10.269	98	1406099	149.350	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 298.700%#	
62) 4-Bromofluorobenzene	12.569	95	442016	153.509	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 307.020%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	226977	146.687	ug/l	95
3) Chloromethane	2.146	50	232554	125.618	ug/l	99
4) Vinyl Chloride	2.275	62	242192	153.360	ug/l	98
5) Bromomethane	2.658	94	187040	149.784	ug/l	98
6) Chloroethane	2.817	64	120549	117.602	ug/l	96
7) Trichlorofluoromethane	3.164	101	462701	128.100	ug/l	99
8) Diethyl Ether	3.587	74	156982	134.314	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.958	101	313147	125.985	ug/l	95
10) Methyl Iodide	4.152	142	438796	162.634	ug/l	98
11) Tert butyl alcohol	5.064	59	96196	673.259	ug/l #	83
12) 1,1-Dichloroethene	3.928	96	318792	135.299	ug/l	94
13) Acrolein	3.793	56	53337	750.426	ug/l	98
14) Allyl chloride	4.552	41	334230	107.101	ug/l	92
15) Acrylonitrile	5.252	53	403825	713.594	ug/l	97
16) Acetone	4.022	43	228197	738.112	ug/l	92
17) Carbon Disulfide	4.258	76	846370	123.366	ug/l	97
18) Methyl Acetate	4.558	43	148192	110.891	ug/l	98
19) Methyl tert-butyl Ether	5.311	73	795112	149.187	ug/l	99
20) Methylene Chloride	4.793	84	436444	149.030	ug/l	98
21) trans-1,2-Dichloroethene	5.305	96	364921	138.135	ug/l	89
22) Diisopropyl ether	6.216	45	968968	138.843	ug/l	95
23) Vinyl Acetate	6.152	43	3841981	710.709	ug/l	95
24) 1,1-Dichloroethane	6.111	63	639848	133.117	ug/l	96
25) 2-Butanone	7.075	43	466806	676.157	ug/l	95
26) 2,2-Dichloropropane	7.069	77	531206	132.545	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	442834	145.089	ug/l	91
28) Bromochloromethane	7.422	49	253873	129.998	ug/l #	76
29) Tetrahydrofuran	7.446	42	294719	704.910	ug/l	86
30) Chloroform	7.593	83	661529	132.047	ug/l	99
31) Cyclohexane	7.875	56	485204	131.518	ug/l	86
32) 1,1,1-Trichloroethane	7.787	97	548926	133.504	ug/l	100
36) 1,1-Dichloropropene	8.005	75	463317	138.564	ug/l	97
37) Ethyl Acetate	7.169	43	201070	138.558	ug/l	98
38) Carbon Tetrachloride	7.987	117	476746	135.151	ug/l	97
39) Methylcyclohexane	9.269	83	578285	150.569	ug/l	92
40) Benzene	8.246	78	1471938	139.906	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	118025	143.756	ug/l	# 85
42) 1,2-Dichloroethane	8.322	62	349646	133.333	ug/l	97
43) Isopropyl Acetate	8.358	43	382956	143.646	ug/l	95
44) Trichloroethene	9.028	130	349274	137.508	ug/l	93
45) 1,2-Dichloropropane	9.305	63	363271	138.513	ug/l	97
46) Dibromomethane	9.387	93	202826	132.130	ug/l	93
47) Bromodichloromethane	9.581	83	509476	134.690	ug/l	98
48) Methyl methacrylate	9.375	41	178355	147.964	ug/l	89
49) 1,4-Dioxane	9.381	88	48708	2920.028	ug/l	# 88
51) 4-Methyl-2-Pentanone	10.157	43	1017404	706.126	ug/l	98
52) Toluene	10.328	92	953615	144.832	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	491723	143.617	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	569873	142.368	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	277526	135.693	ug/l	95
56) Ethyl methacrylate	10.593	69	380753	154.751	ug/l	97
57) 1,3-Dichloropropane	10.875	76	471707	139.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	849743	775.322	ug/l	91
59) 2-Hexanone	10.916	43	730163	715.446	ug/l	98
60) Dibromochloromethane	11.069	129	360904	137.406	ug/l	98
61) 1,2-Dibromoethane	11.175	107	263754	139.143	ug/l	97
64) Tetrachloroethene	10.804	164	285093	137.087	ug/l	92
65) Chlorobenzene	11.604	112	1026188	141.909	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	356258	145.052	ug/l	97
67) Ethyl Benzene	11.681	91	1893022	157.972	ug/l	97
68) m/p-Xylenes	11.787	106	1471094	316.444	ug/l	91
69) o-Xylene	12.116	106	692042	160.199	ug/l	88
70) Styrene	12.134	104	1227983	160.077	ug/l	97
71) Bromoform	12.298	173	207701	143.775	ug/l	# 100
73) Isopropylbenzene	12.416	105	1772625	153.528	ug/l	98
74) N-amyl acetate	12.228	43	379289	144.472	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	334318	131.923	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	420237	238.520	ug/l	# 100
77) Bromobenzene	12.698	156	400965	142.956	ug/l	84
78) n-propylbenzene	12.757	91	2186870	150.596	ug/l	96
79) 2-Chlorotoluene	12.846	91	1231705	148.697	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	1484639	153.314	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	122534	139.378	ug/l	98
82) 4-Chlorotoluene	12.946	91	1267996	143.407	ug/l	94
83) tert-Butylbenzene	13.163	119	1295786	157.259	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	1542199	156.932	ug/l	97
85) sec-Butylbenzene	13.340	105	1958950	152.381	ug/l	97
86) p-Isopropyltoluene	13.457	119	1673526	158.855	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	834254	142.644	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	805398	137.792	ug/l	97
89) n-Butylbenzene	13.781	91	1583789	153.813	ug/l	96
90) Hexachloroethane	14.051	117	329881	139.547	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	724862	143.231	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	46938	133.717	ug/l	91
93) 1,2,4-Trichlorobenzene	15.092	180	441092	151.707	ug/l	98
94) Hexachlorobutadiene	15.198	225	227497	140.032	ug/l	95
95) Naphthalene	15.328	128	942722	161.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	385034	145.865	ug/l	99

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QLast Update : Tue Jul 23 09:57:54 2024
Response via : Initial Calibration

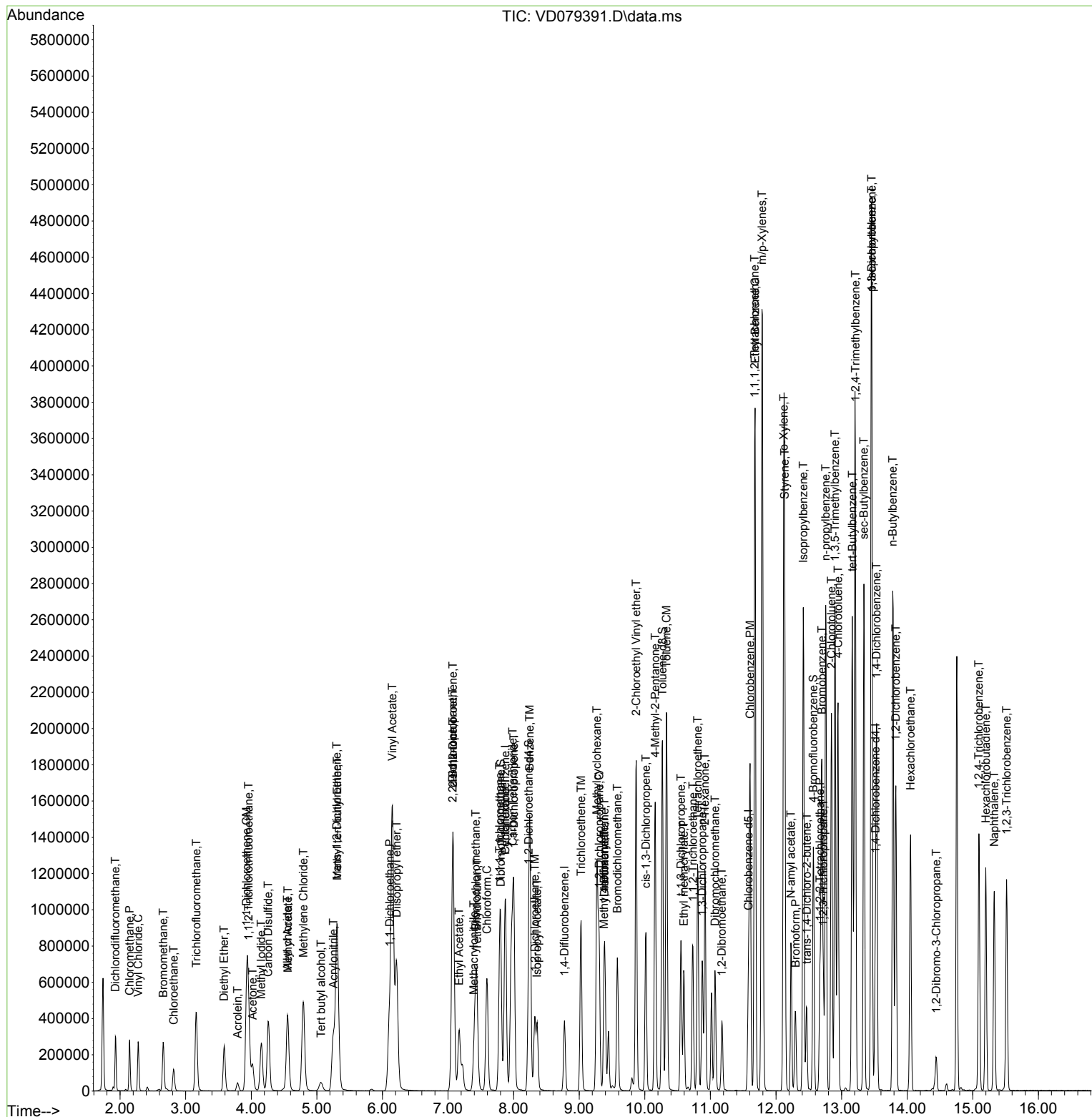
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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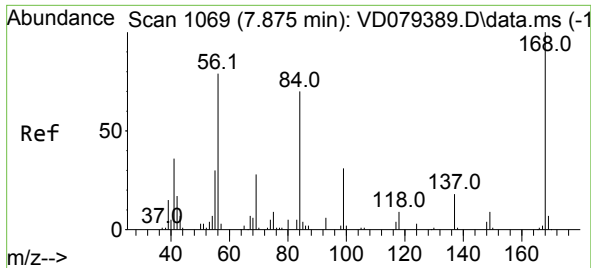
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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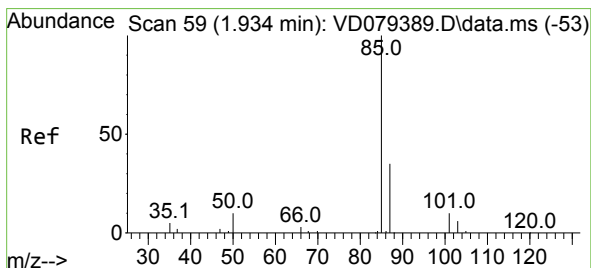
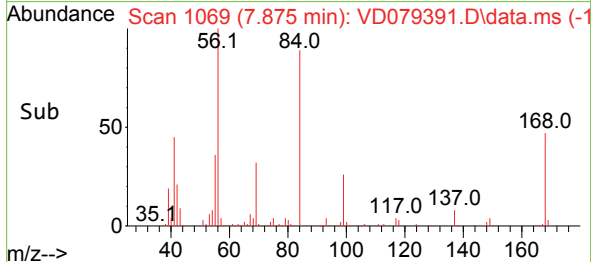
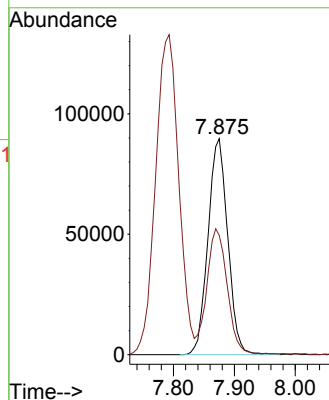
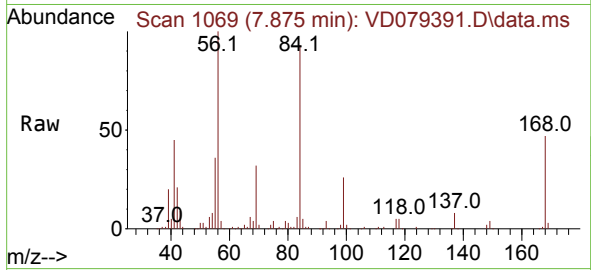




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079391.D
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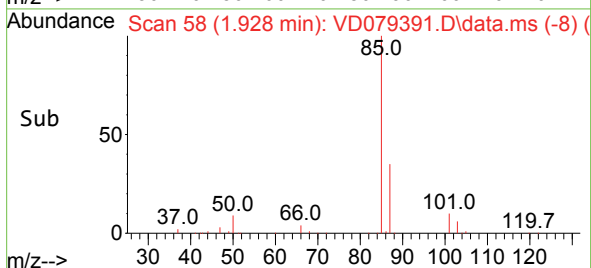
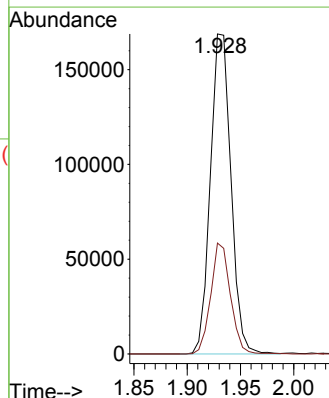
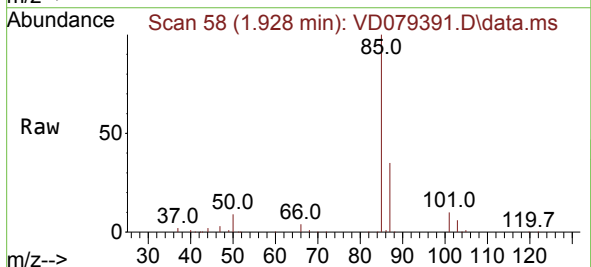
Instrument :
MSVOA_D
ClientSampleId :

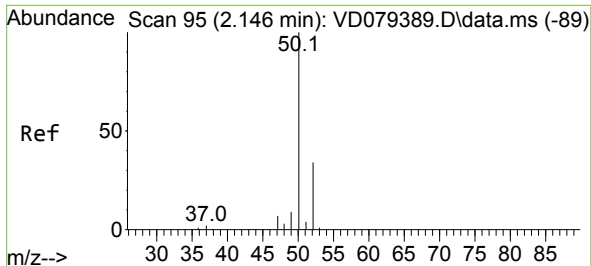
Tgt Ion:168 Resp: 202147
Ion Ratio Lower Upper
168 100
99 54.8 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 146.687 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion: 85 Resp: 226977
Ion Ratio Lower Upper
85 100
87 34.7 16.0 48.0

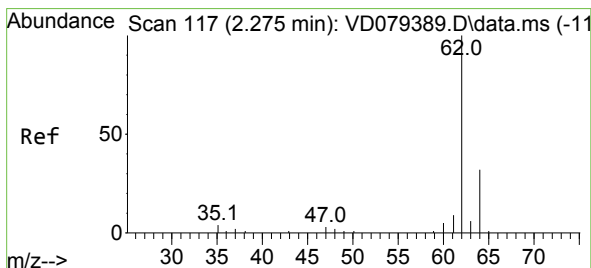
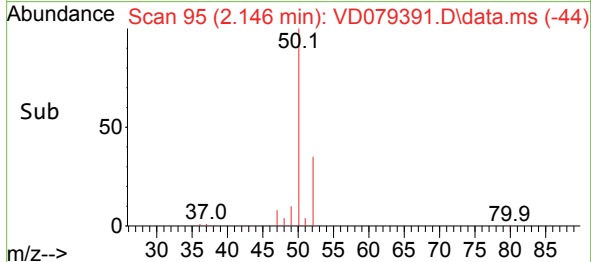
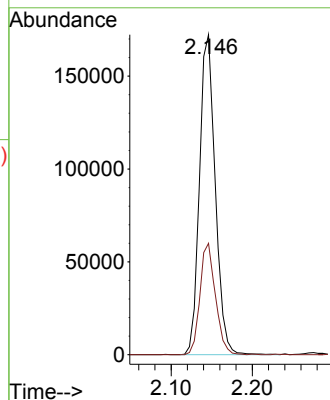
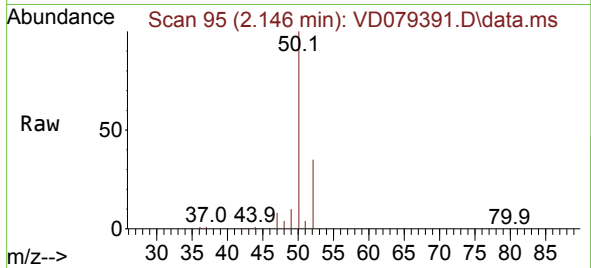




#3
Chloromethane
Concen: 125.618 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

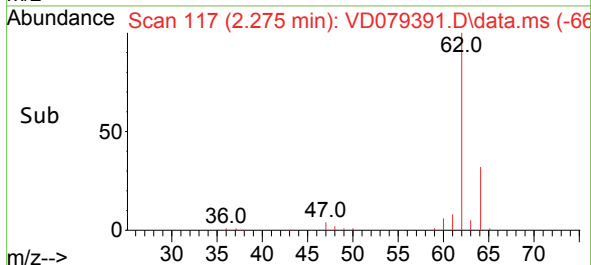
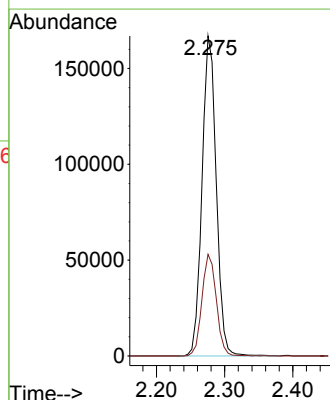
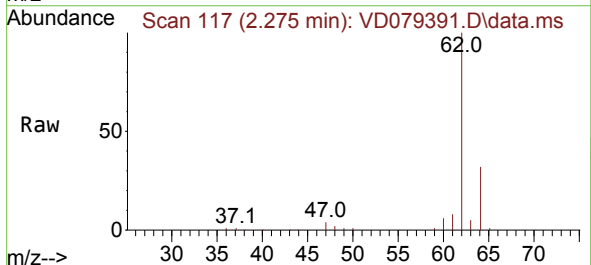
Instrument :
MSVOA_D
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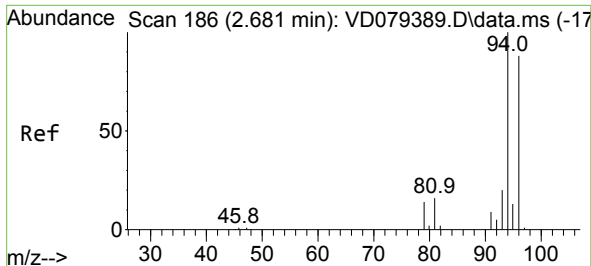
Tgt Ion: 50 Resp: 232554
Ion Ratio Lower Upper
50 100
52 34.8 28.2 42.2



#4
Vinyl Chloride
Concen: 153.360 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion: 62 Resp: 242192
Ion Ratio Lower Upper
62 100
64 31.8 26.3 39.5

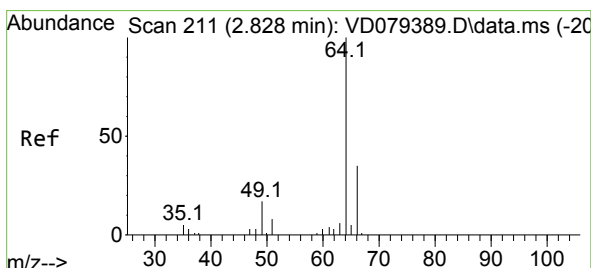
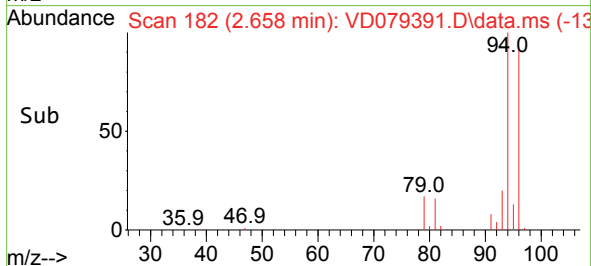
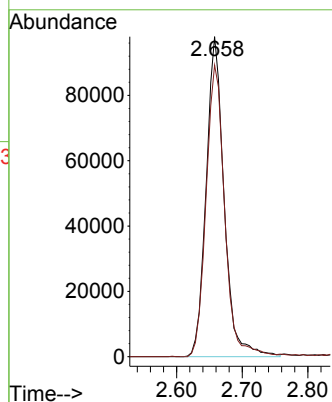
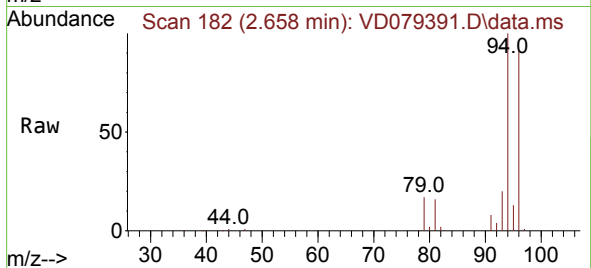




#5
Bromomethane
Concen: 149.784 ug/l
RT: 2.658 min Scan# 186
Delta R.T. -0.023 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

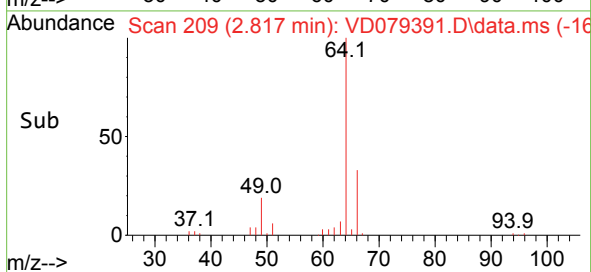
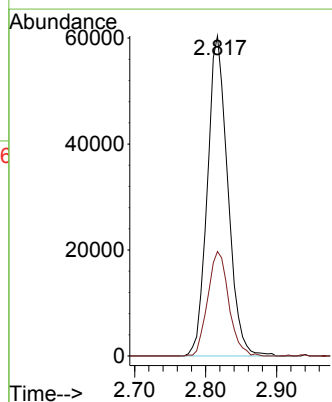
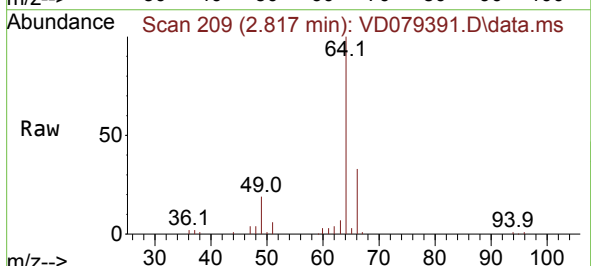
Instrument :
MSVOA_D
ClientSampleId :

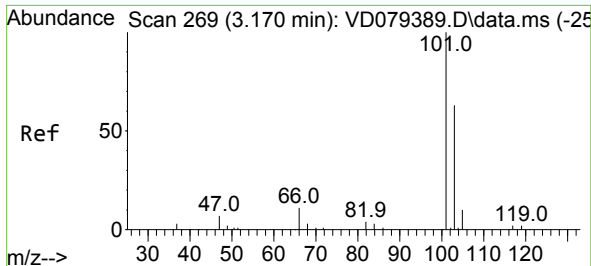
Tgt Ion: 94 Resp: 187040
Ion Ratio Lower Upper
94 100
96 94.2 76.9 115.3



#6
Chloroethane
Concen: 117.602 ug/l
RT: 2.817 min Scan# 209
Delta R.T. -0.012 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

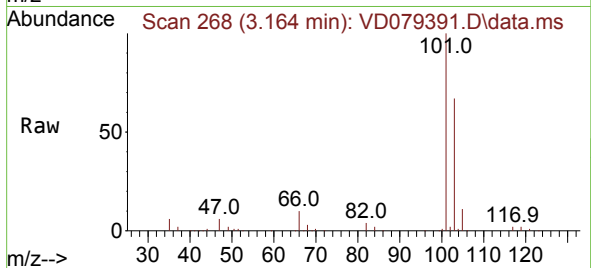
Tgt Ion: 64 Resp: 120549
Ion Ratio Lower Upper
64 100
66 32.6 24.5 36.7



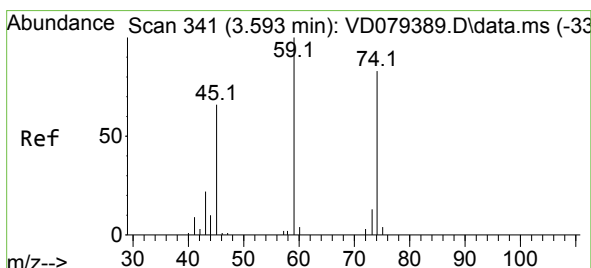
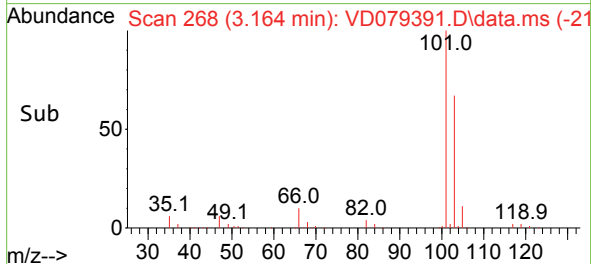
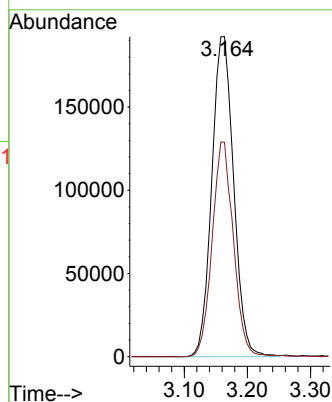


#7
 Trichlorofluoromethane
 Concen: 128.100 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD079391.D
 Acq: 22 Jul 2024 15:19

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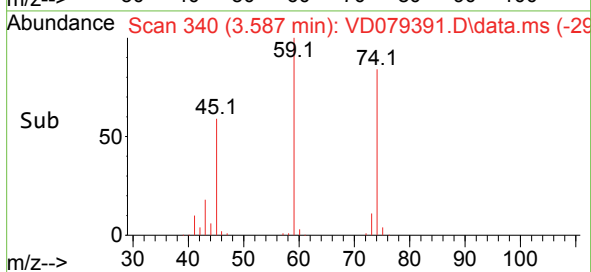
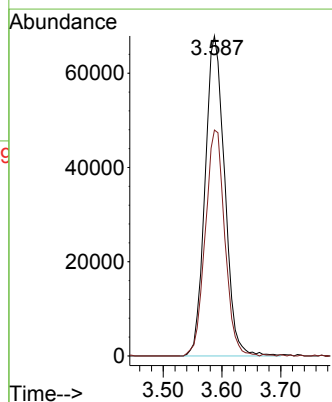
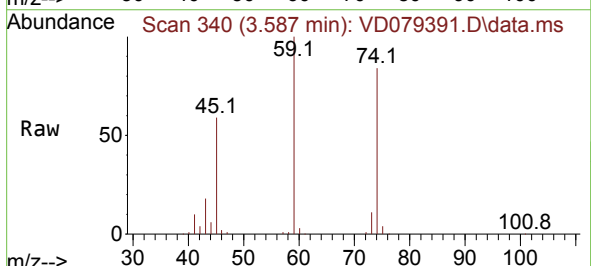


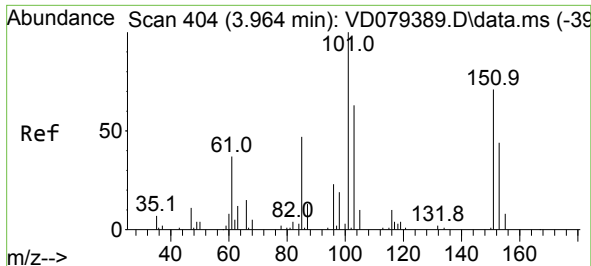
Tgt Ion:101 Resp: 462701
 Ion Ratio Lower Upper
 101 100
 103 67.0 53.2 79.8



#8
 Diethyl Ether
 Concen: 134.314 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 156982
 Ion Ratio Lower Upper
 74 100
 45 70.4 37.9 113.6

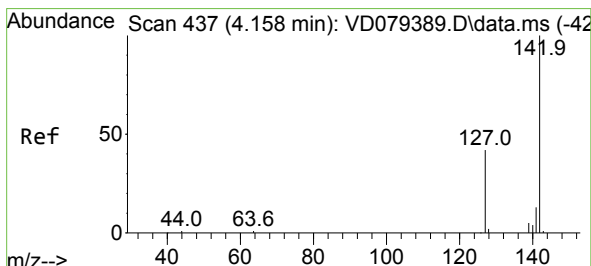
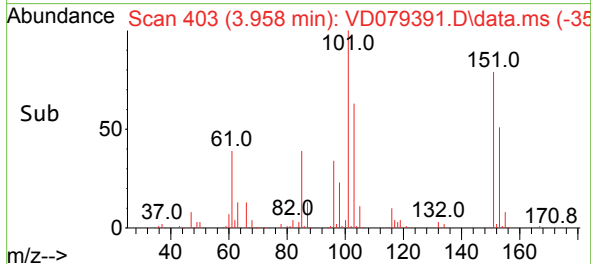
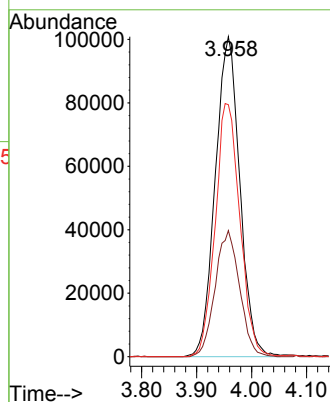
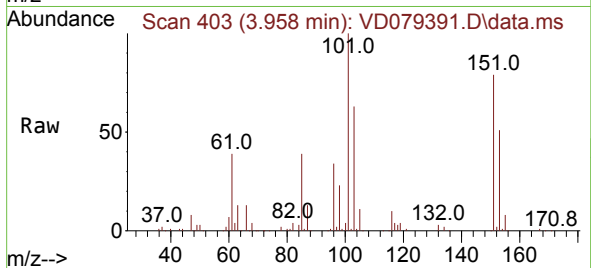




#9
1,1,2-Trichlorotrifluoroethane
Concen: 125.985 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

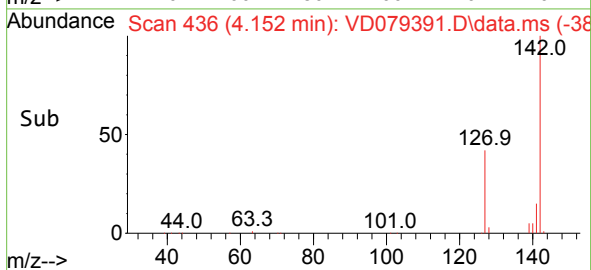
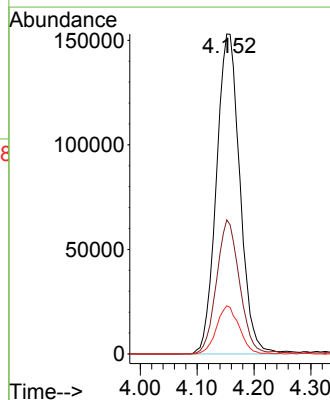
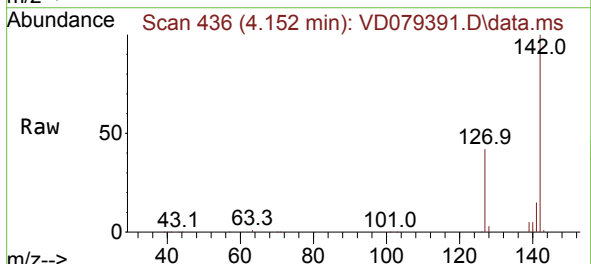
Instrument :
MSVOA_D
ClientSampleId :

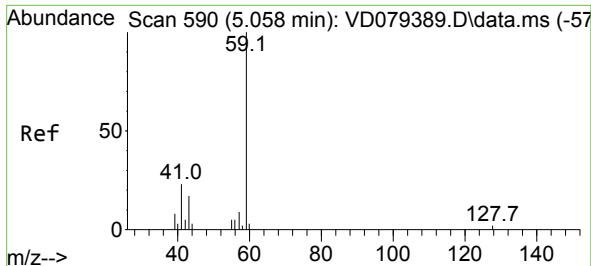
Tgt Ion:101 Resp: 313147
Ion Ratio Lower Upper
101 100
85 39.2 33.5 50.3
151 79.4 60.3 90.5



#10
Methyl Iodide
Concen: 162.634 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

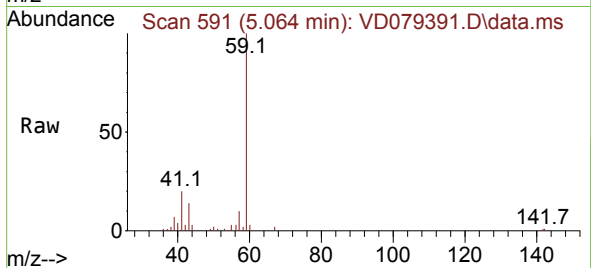
Tgt Ion:142 Resp: 438796
Ion Ratio Lower Upper
142 100
127 41.0 34.2 51.4
141 14.6 11.7 17.5



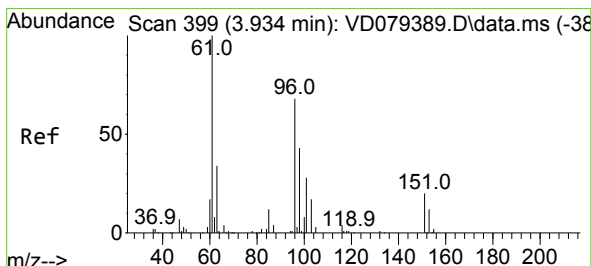
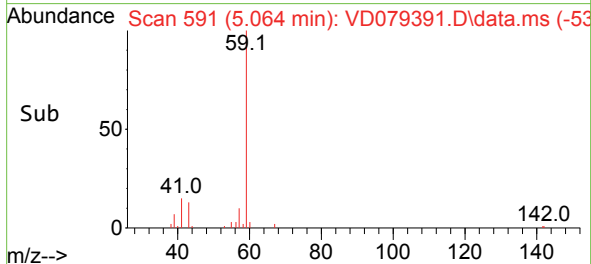
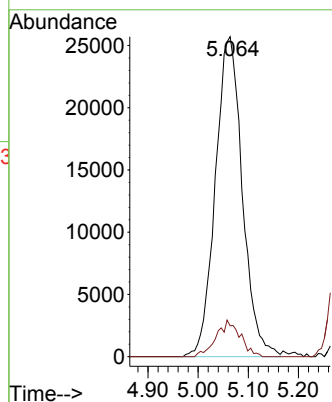


#11
Tert butyl alcohol
Concen: 673.259 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Instrument :
MSVOA_D
ClientSampleId :

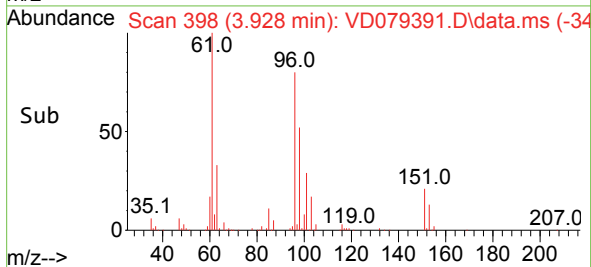
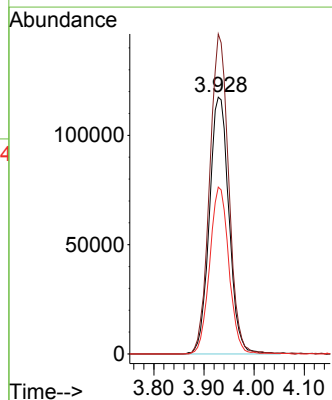
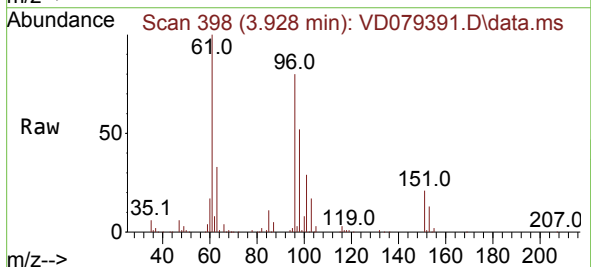


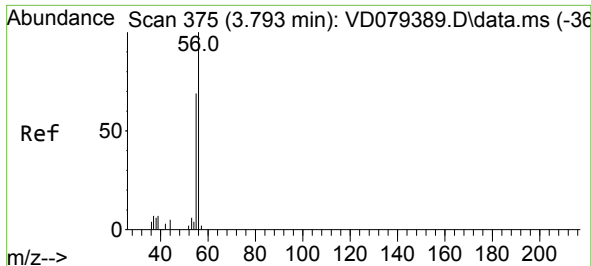
Tgt Ion: 59 Resp: 96196
Ion Ratio Lower Upper
59 100
57 10.1 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 135.299 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion: 96 Resp: 318792
Ion Ratio Lower Upper
96 100
61 124.6 107.3 160.9
98 65.0 51.7 77.5





#13

Acrolein

Concen: 750.426 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

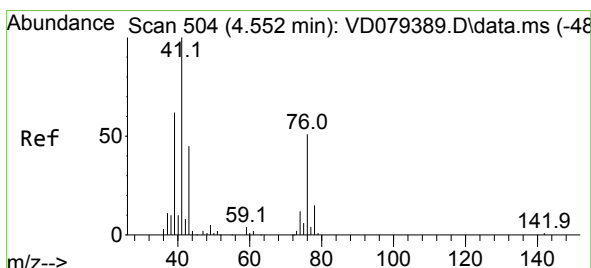
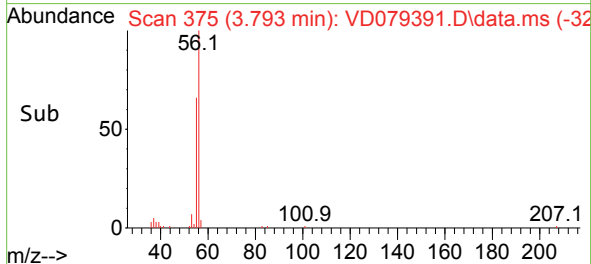
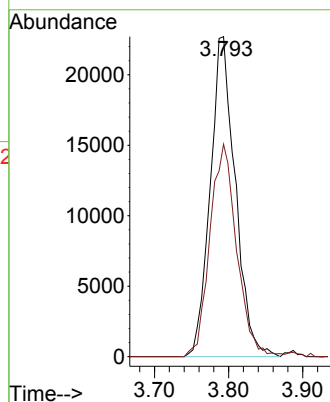
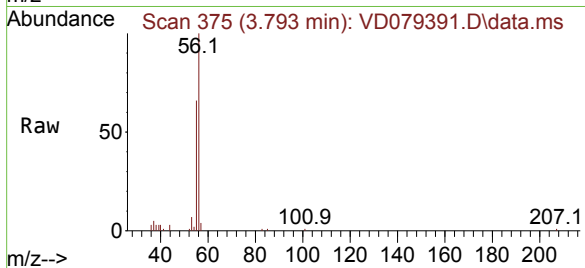
ClientSampleId :

Tgt Ion: 56 Resp: 53337

Ion Ratio Lower Upper

56 100

55 70.8 55.3 82.9



#14

Allyl chloride

Concen: 107.101 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

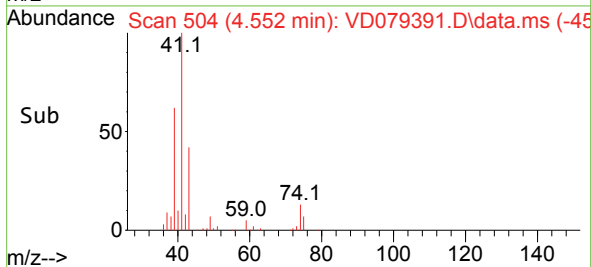
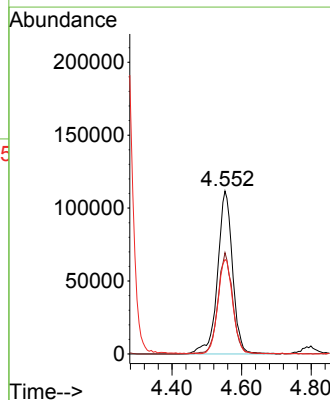
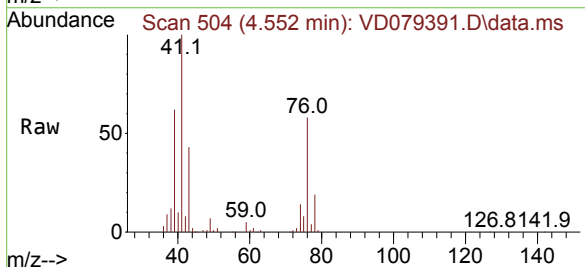
Tgt Ion: 41 Resp: 334230

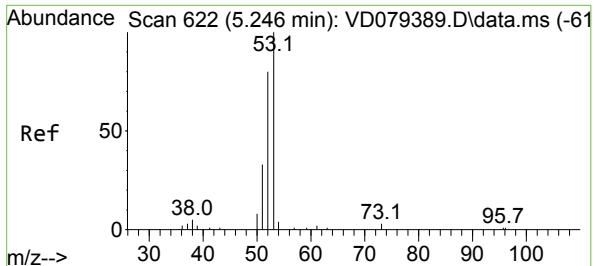
Ion Ratio Lower Upper

41 100

39 60.1 58.0 87.0

76 57.2 45.9 68.9





#15

Acrylonitrile

Concen: 713.594 ug/l

RT: 5.252 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

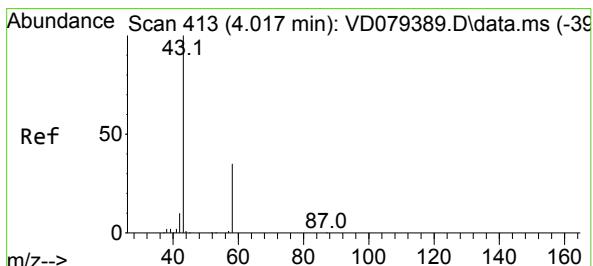
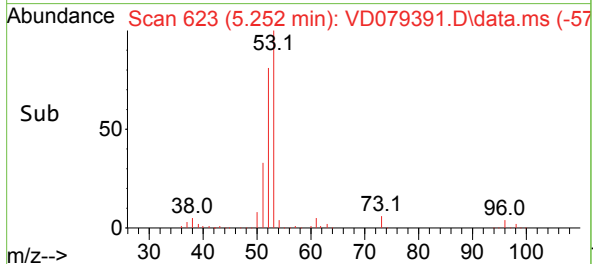
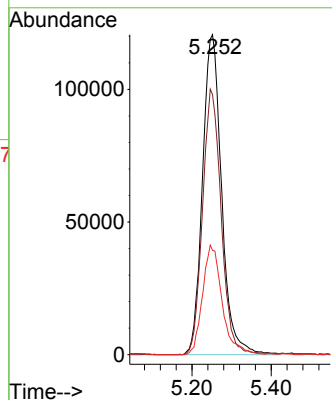
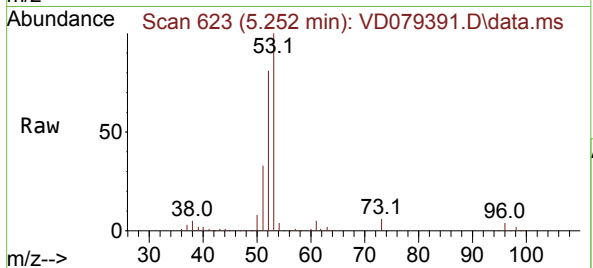
Tgt Ion: 53 Resp: 403825

Ion Ratio Lower Upper

53 100

52 80.8 67.7 101.5

51 35.1 28.6 42.8



#16

Acetone

Concen: 738.112 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.005 min

Lab File: VD079391.D

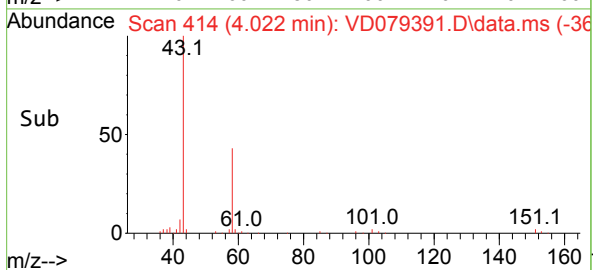
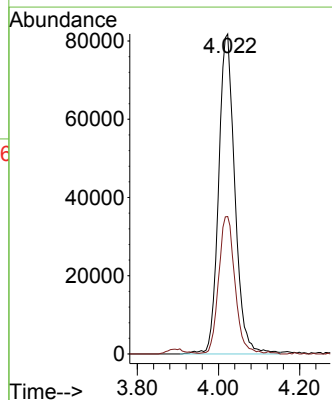
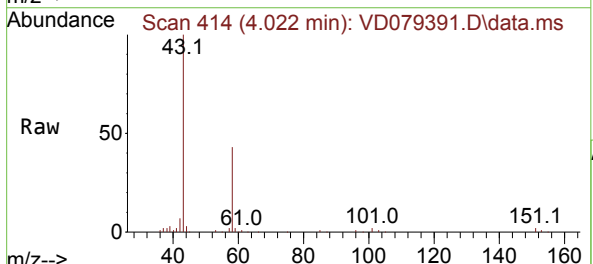
Acq: 22 Jul 2024 15:19

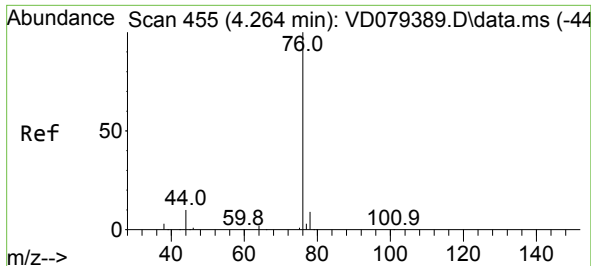
Tgt Ion: 43 Resp: 228197

Ion Ratio Lower Upper

43 100

58 43.0 30.4 45.6

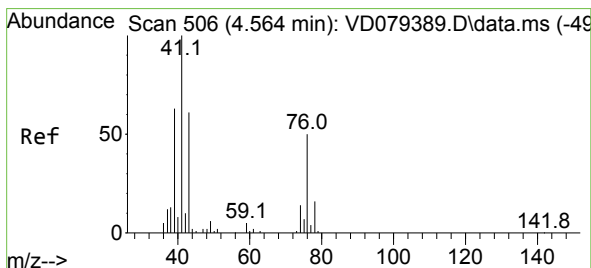
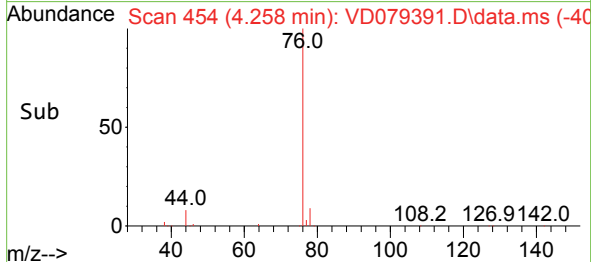
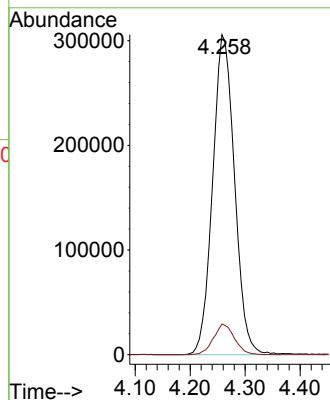
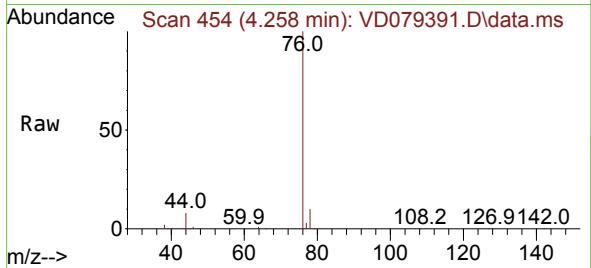




#17
Carbon Disulfide
Concen: 123.366 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

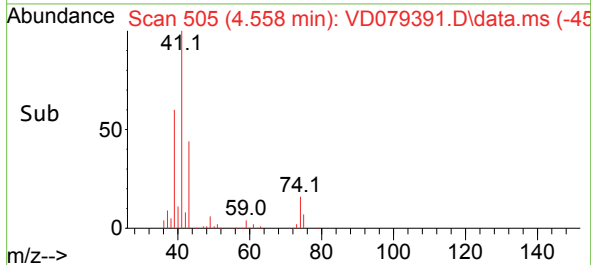
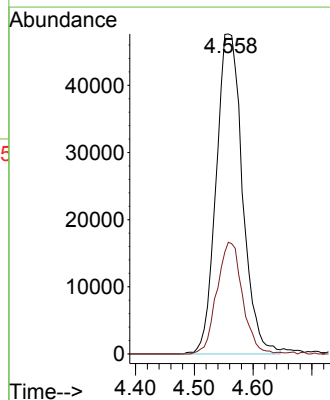
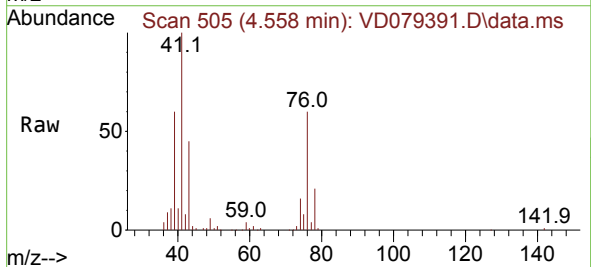
Instrument :
MSVOA_D
ClientSampleId :

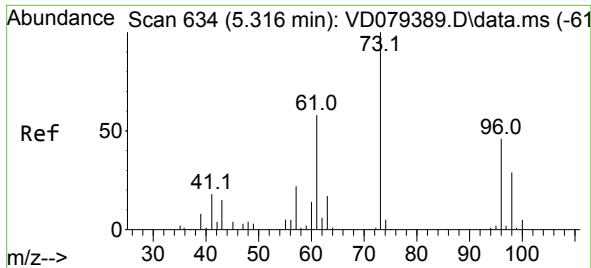
Tgt Ion: 76 Resp: 846370
Ion Ratio Lower Upper
76 100
78 9.6 6.9 10.3



#18
Methyl Acetate
Concen: 110.891 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion: 43 Resp: 148192
Ion Ratio Lower Upper
43 100
74 34.0 28.1 42.1

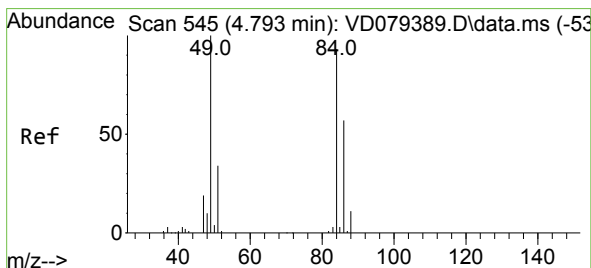
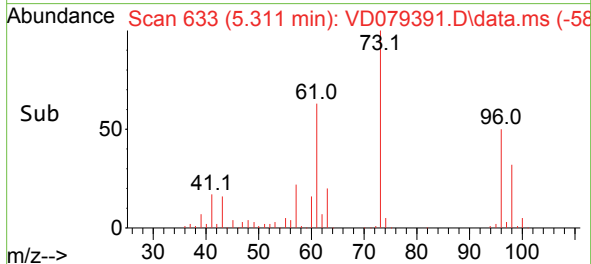
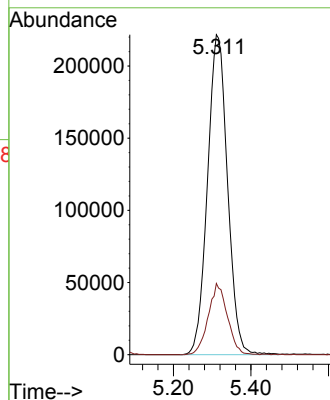
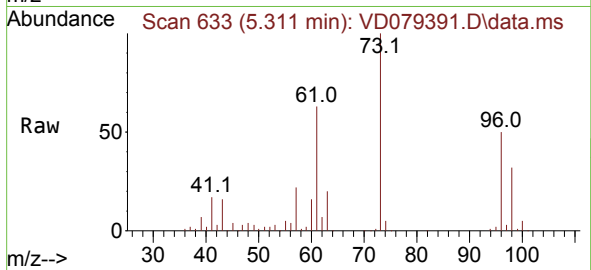




#19
Methyl tert-butyl Ether
Concen: 149.187 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

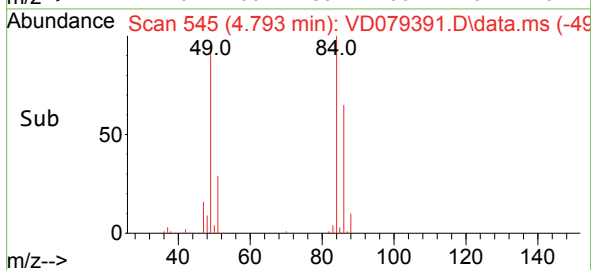
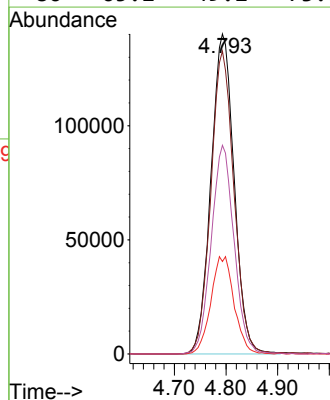
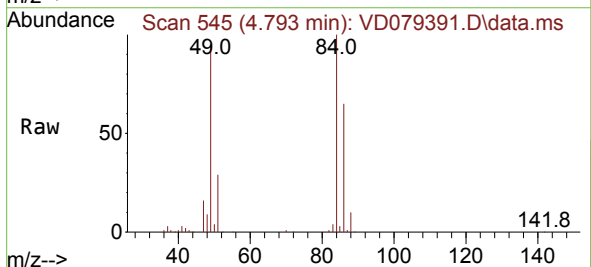
Instrument :
MSVOA_D
ClientSampleId :

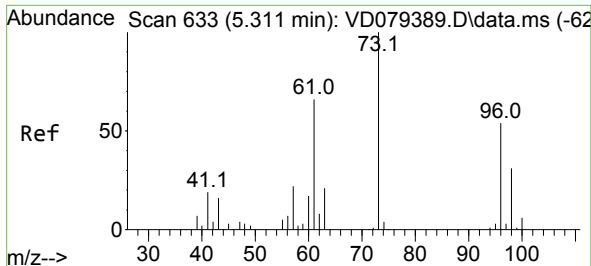
Tgt Ion: 73 Resp: 795112
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5



#20
Methylene Chloride
Concen: 149.030 ug/l
RT: 4.793 min Scan# 545
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion: 84 Resp: 436444
Ion Ratio Lower Upper
84 100
49 94.5 75.6 113.4
51 28.9 24.2 36.2
86 65.2 49.2 73.8

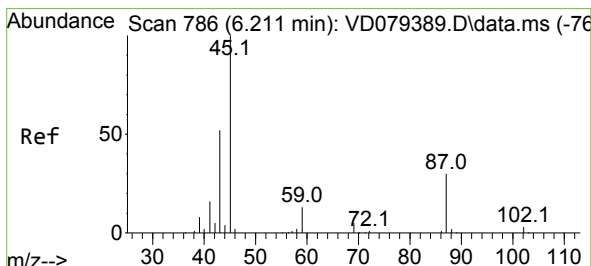
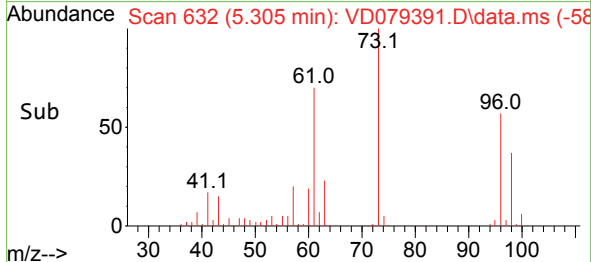
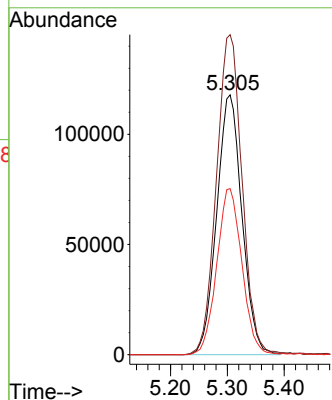
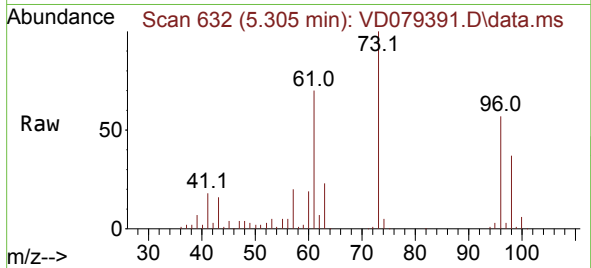




#21
trans-1,2-Dichloroethene
Concen: 138.135 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

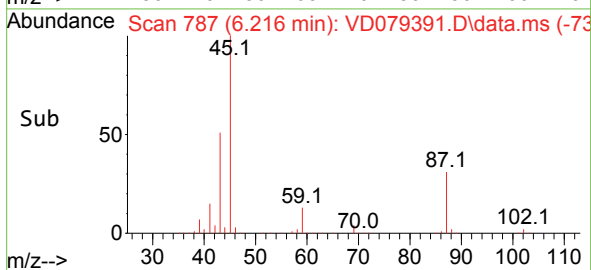
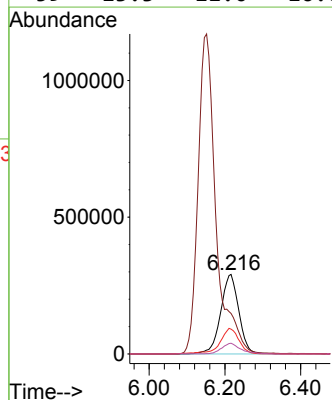
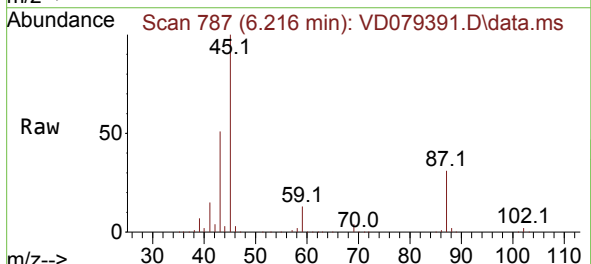
Instrument :
MSVOA_D
ClientSampleId :

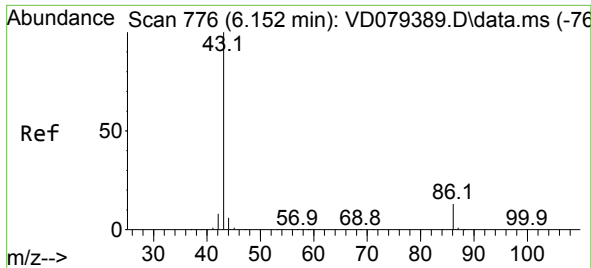
Tgt Ion: 96 Resp: 364921
Ion Ratio Lower Upper
96 100
61 123.2 84.5 126.7
98 63.9 50.5 75.7



#22
Diisopropyl ether
Concen: 138.843 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion: 45 Resp: 968968
Ion Ratio Lower Upper
45 100
43 50.6 41.7 62.5
87 31.1 30.2 45.2
59 13.3 11.0 16.6

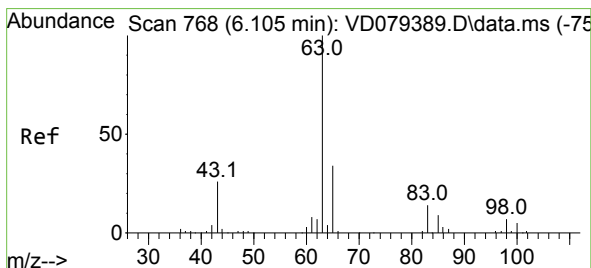
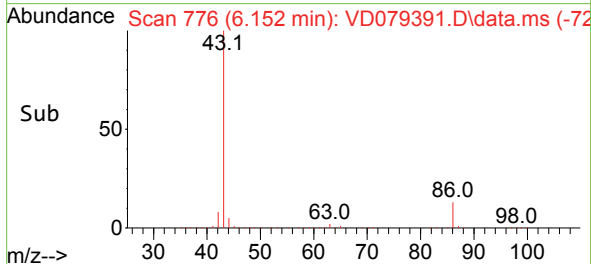
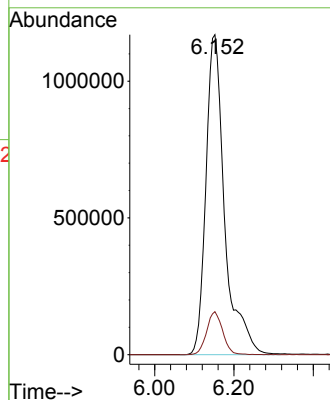
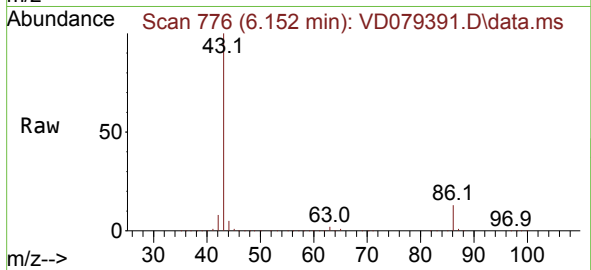




#23
 Vinyl Acetate
 Concen: 710.709 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD079391.D
 Acq: 22 Jul 2024 15:19

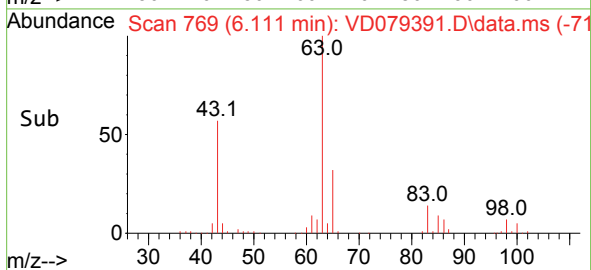
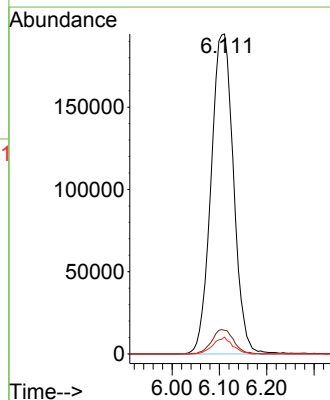
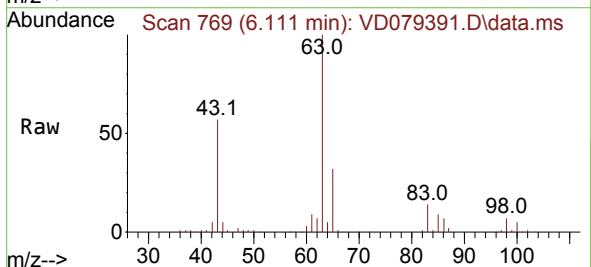
Instrument :
 MSVOA_D
 ClientSampleId :

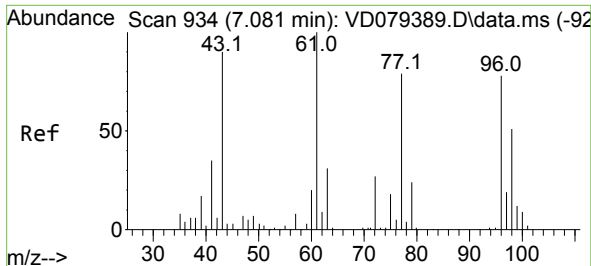
Tgt Ion: 43 Resp: 3841981
 Ion Ratio Lower Upper
 43 100
 86 13.4 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 133.117 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079391.D
 Acq: 22 Jul 2024 15:19

Tgt Ion: 63 Resp: 639848
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.7 14.0
 100 5.3 2.9 8.6





#25

2-Butanone

Concen: 676.157 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

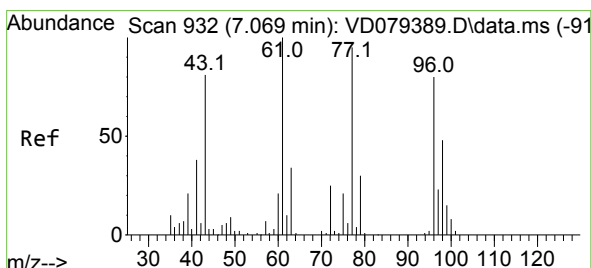
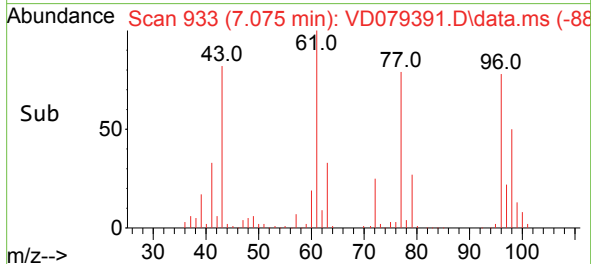
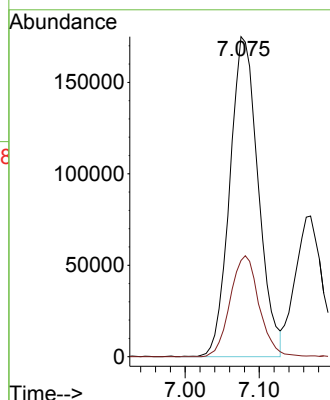
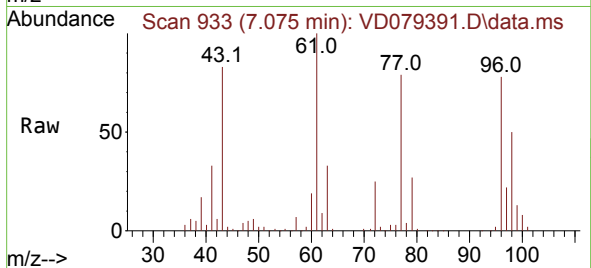
ClientSampleId :

Tgt Ion: 43 Resp: 466806

Ion Ratio Lower Upper

43 100

72 30.1 26.4 39.6



#26

2,2-Dichloropropane

Concen: 132.545 ug/l

RT: 7.069 min Scan# 932

Delta R.T. 0.000 min

Lab File: VD079391.D

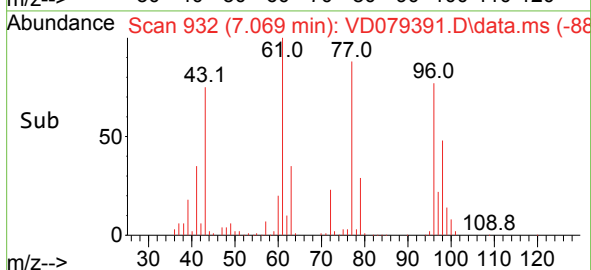
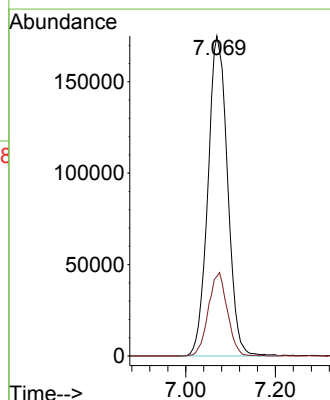
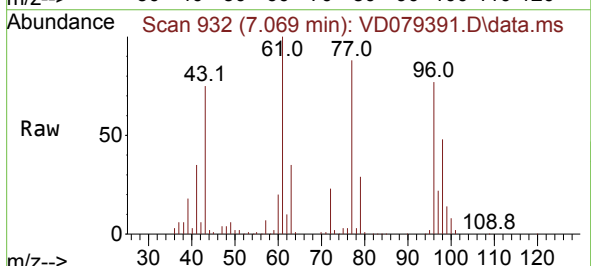
Acq: 22 Jul 2024 15:19

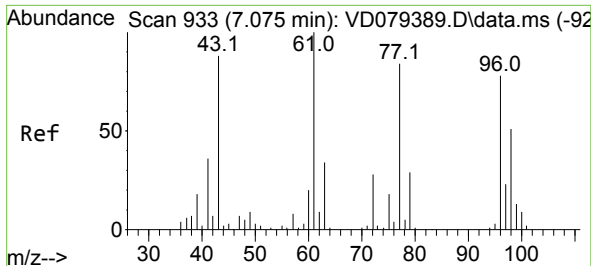
Tgt Ion: 77 Resp: 531206

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 145.089 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

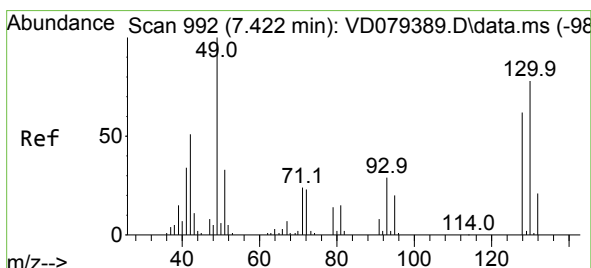
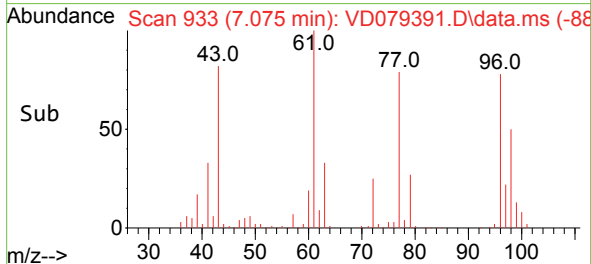
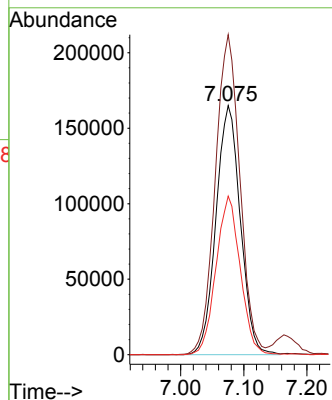
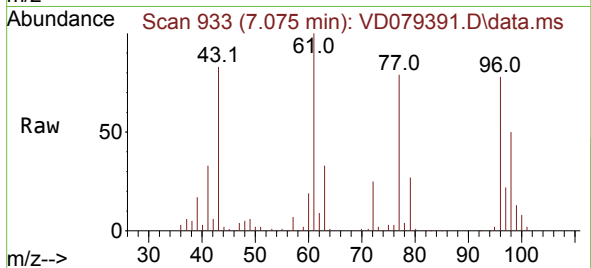
Tgt Ion: 96 Resp: 442834

Ion Ratio Lower Upper

96 100

61 130.0 0.0 229.0

98 63.1 0.0 127.2



#28

Bromochloromethane

Concen: 129.998 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

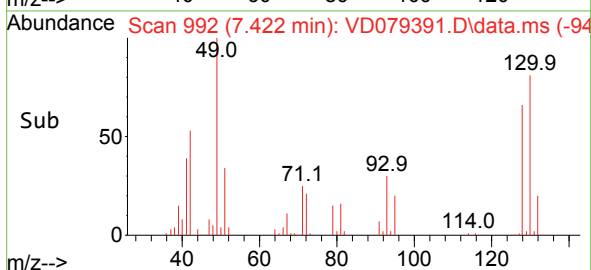
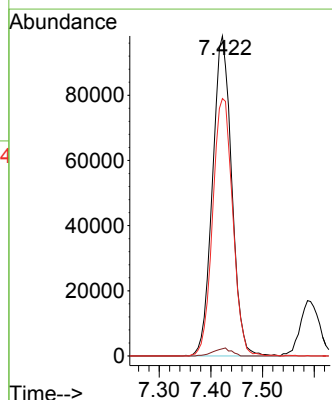
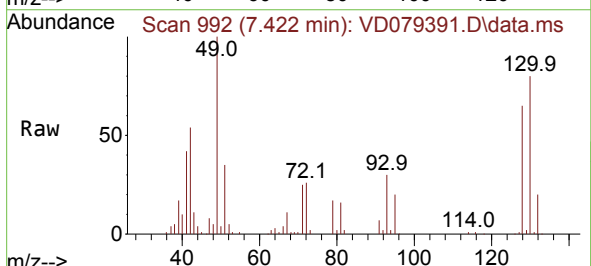
Tgt Ion: 49 Resp: 253873

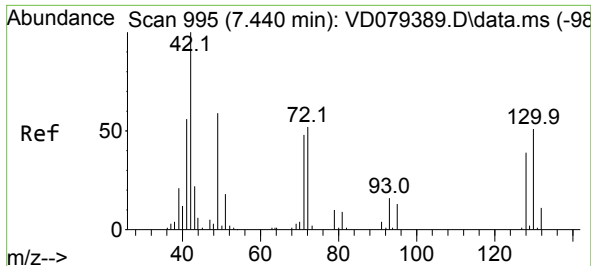
Ion Ratio Lower Upper

49 100

129 2.3 0.0 7.0

130 83.7 87.7 131.5#





#29

Tetrahydrofuran

Concen: 704.910 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

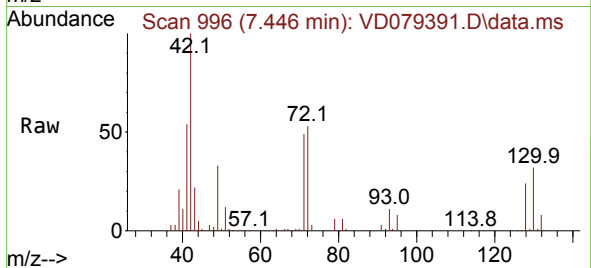
Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :



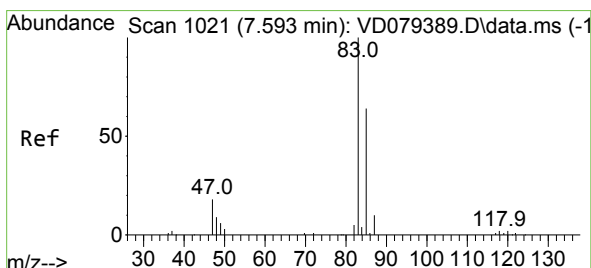
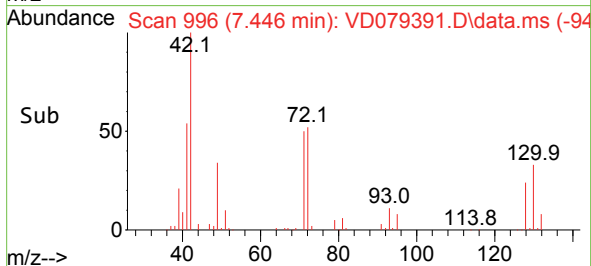
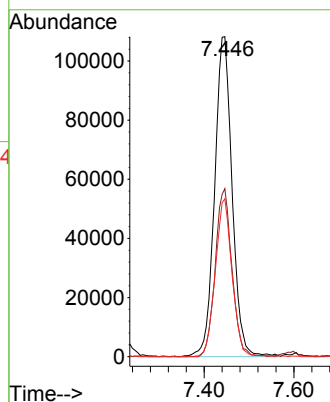
Tgt Ion: 42 Resp: 294719

Ion Ratio Lower Upper

42 100

72 50.1 49.4 74.0

71 47.1 45.0 67.6



#30

Chloroform

Concen: 132.047 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079391.D

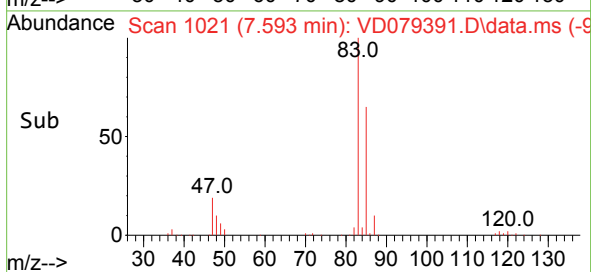
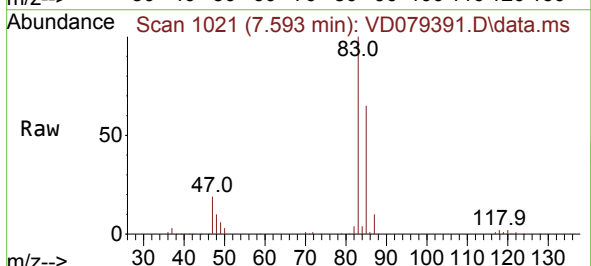
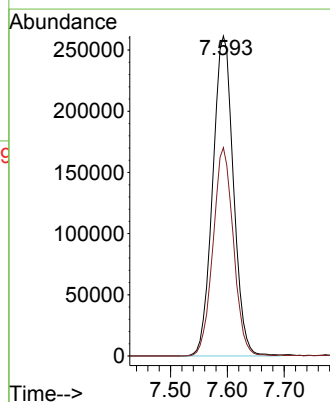
Acq: 22 Jul 2024 15:19

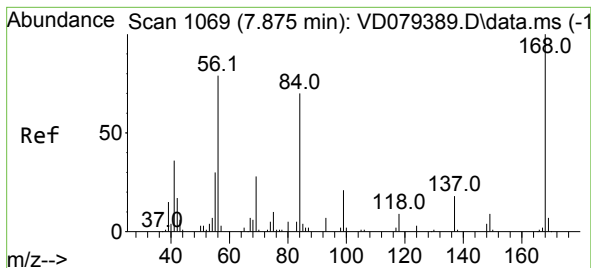
Tgt Ion: 83 Resp: 661529

Ion Ratio Lower Upper

83 100

85 65.1 51.8 77.6





#31

Cyclohexane

Concen: 131.518 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

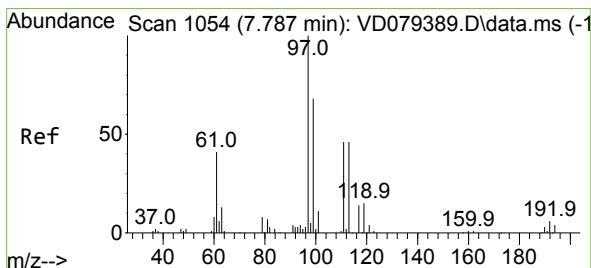
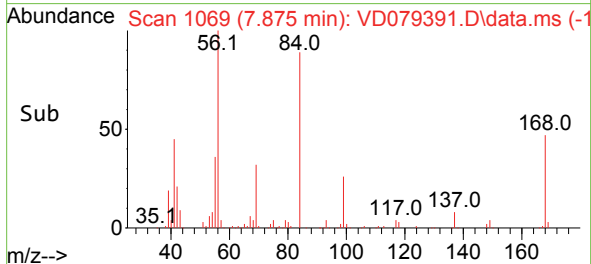
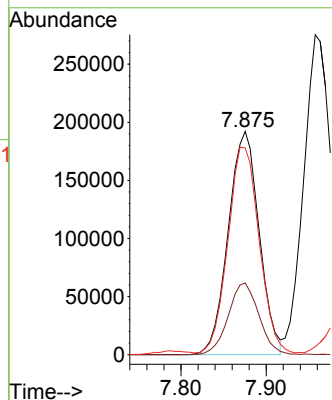
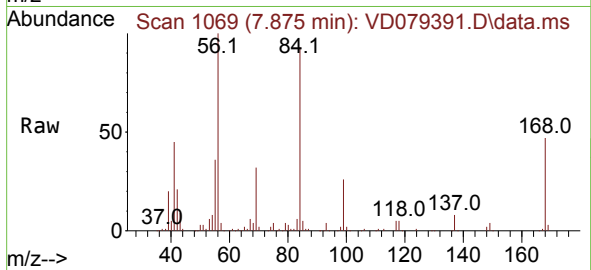
Tgt Ion: 56 Resp: 485204

Ion Ratio Lower Upper

56 100

69 32.2 28.0 42.0

84 91.1 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 133.504 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

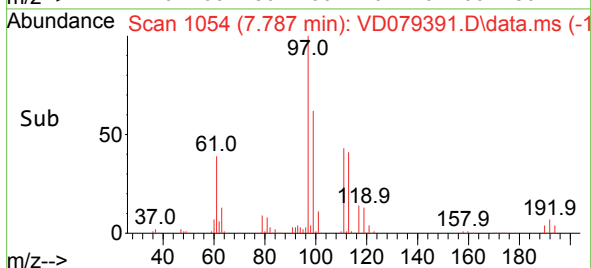
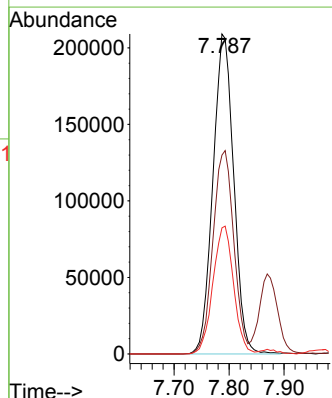
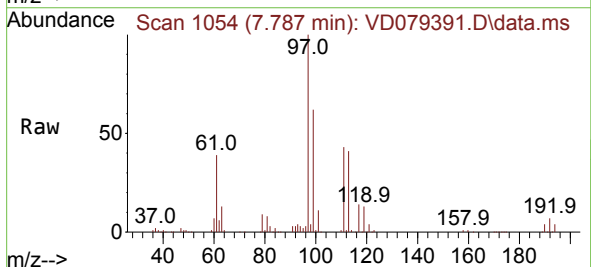
Tgt Ion: 97 Resp: 548926

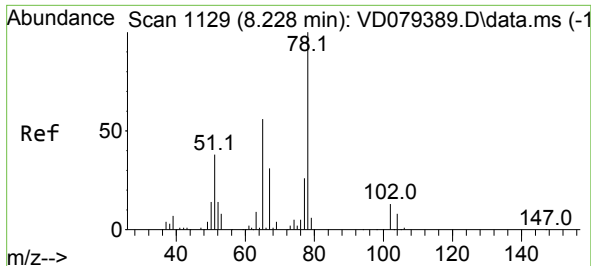
Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 39.7 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 135.722 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

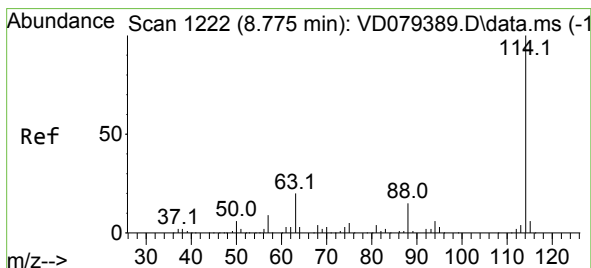
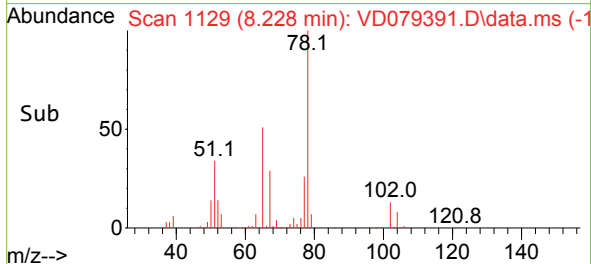
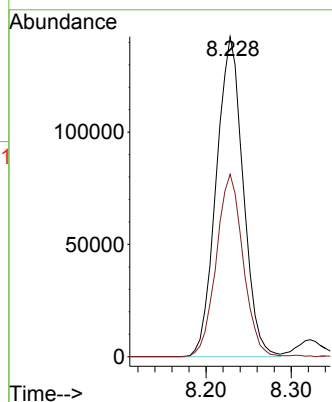
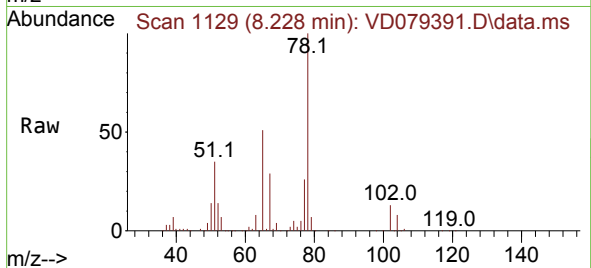
ClientSampleId :

Tgt Ion: 65 Resp: 311715

Ion Ratio Lower Upper

65 100

67 56.9 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: VD079391.D

Acq: 22 Jul 2024 15:19

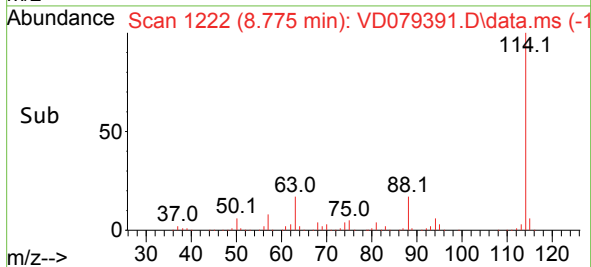
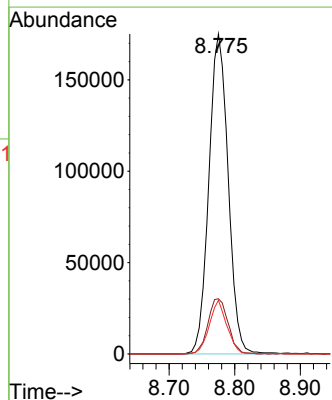
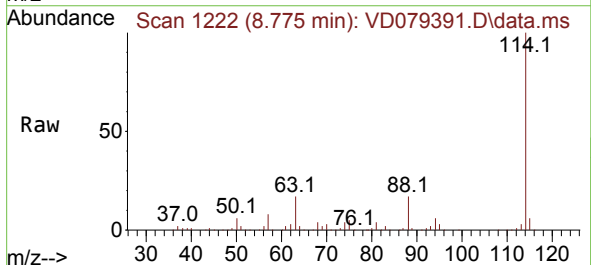
Tgt Ion: 114 Resp: 357874

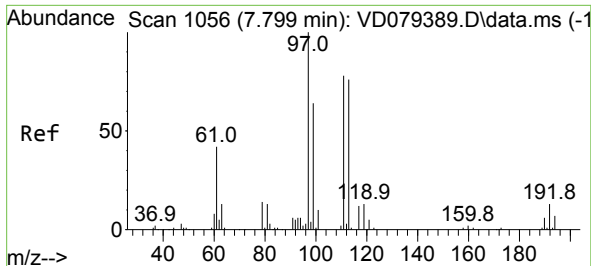
Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.0

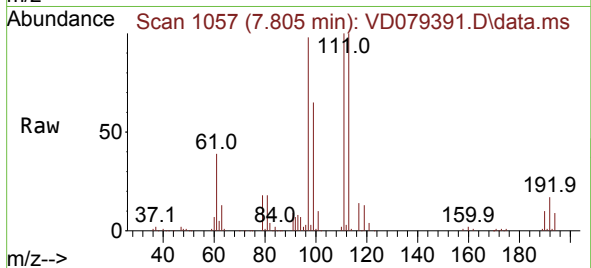
88 16.8 0.0 27.2



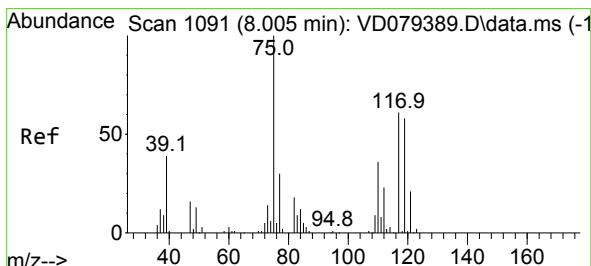
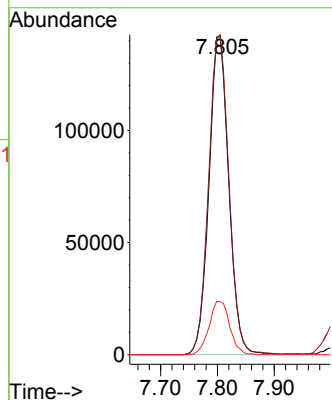
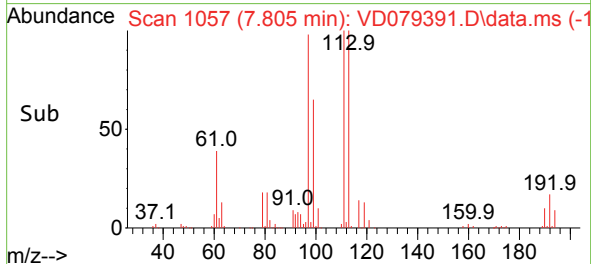


#35
Dibromofluoromethane
Concen: 137.987 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Instrument :
MSVOA_D
ClientSampleId :

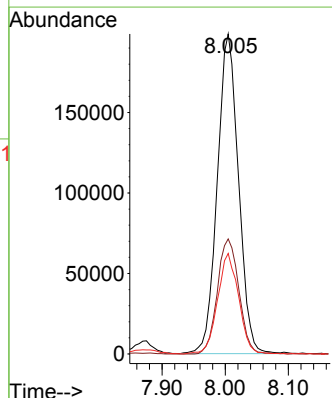
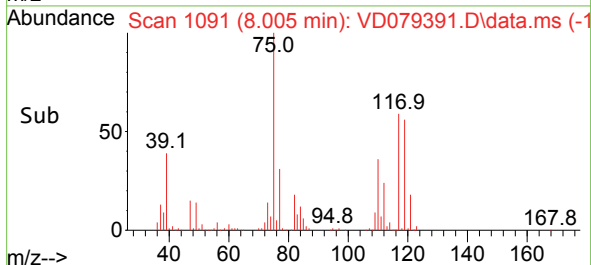
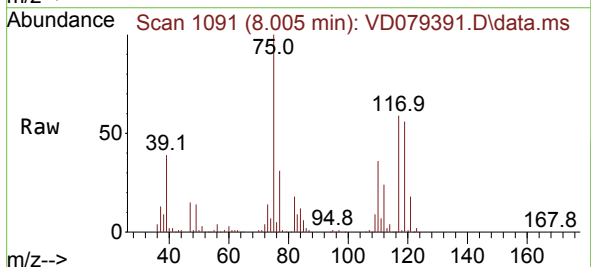


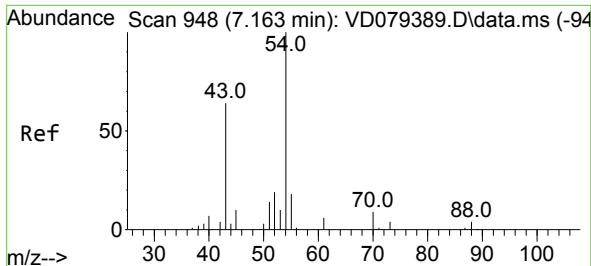
Tgt Ion:113 Resp: 343430
Ion Ratio Lower Upper
113 100
111 103.0 84.0 126.0
192 17.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 138.564 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion: 75 Resp: 463317
Ion Ratio Lower Upper
75 100
110 36.5 19.6 58.7
77 31.3 26.1 39.1

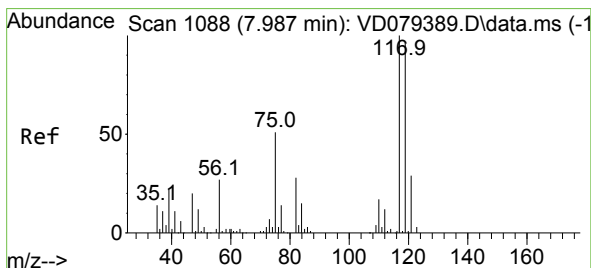
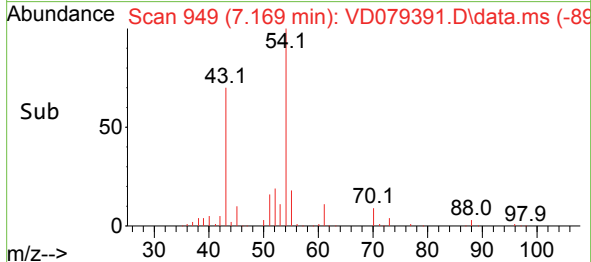
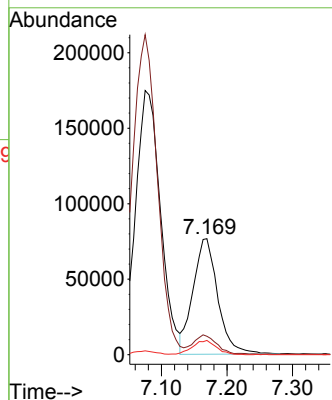
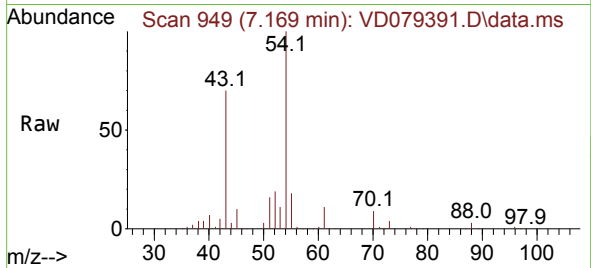




#37
Ethyl Acetate
Concen: 138.558 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.006 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

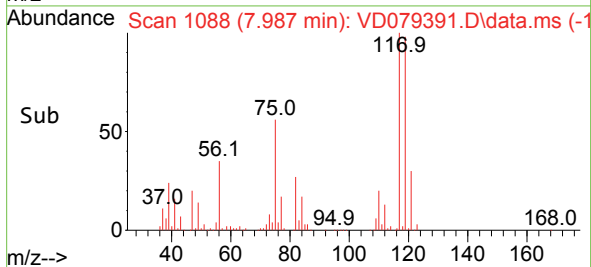
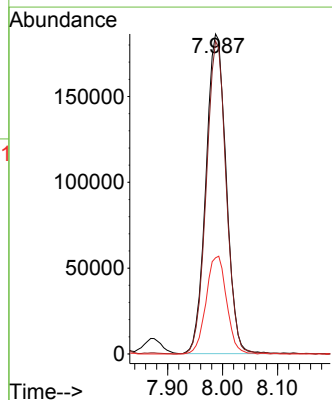
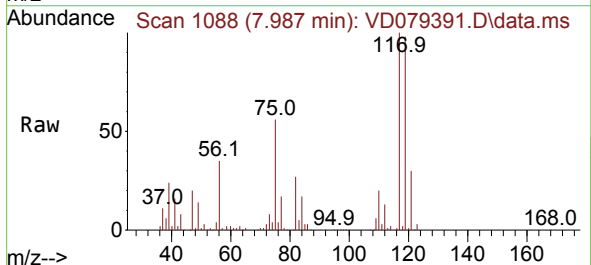
Instrument :
MSVOA_D
ClientSampleId :

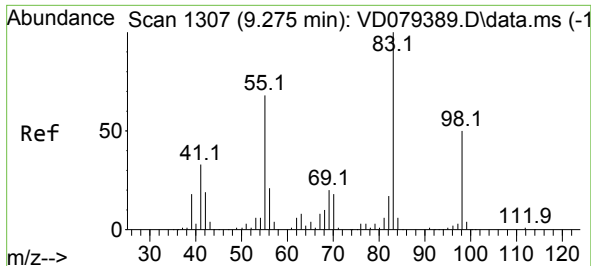
Tgt Ion: 43 Resp: 201070
Ion Ratio Lower Upper
43 100
61 16.4 13.9 20.9
70 12.0 9.8 14.6



#38
Carbon Tetrachloride
Concen: 135.151 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion:117 Resp: 476746
Ion Ratio Lower Upper
117 100
119 97.8 75.4 113.0
121 30.1 25.0 37.4

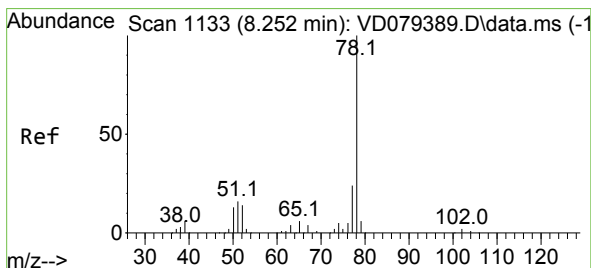
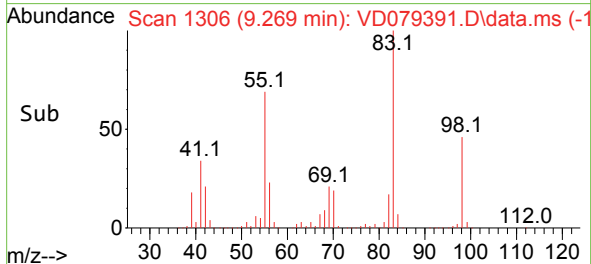
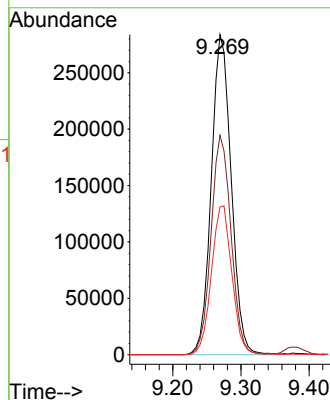
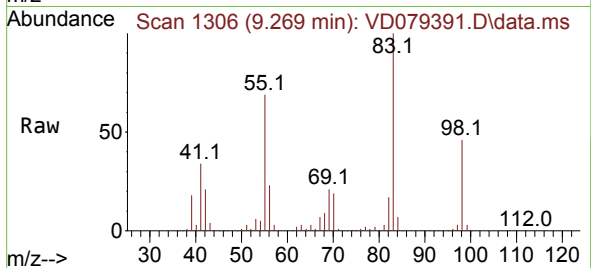




#39
Methylcyclohexane
Concen: 150.569 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

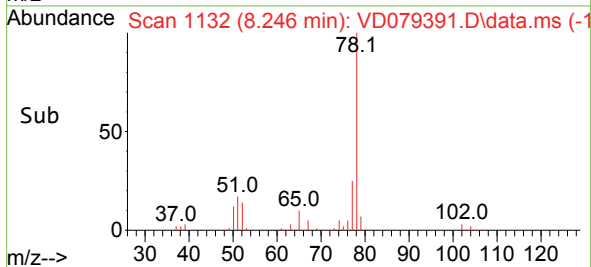
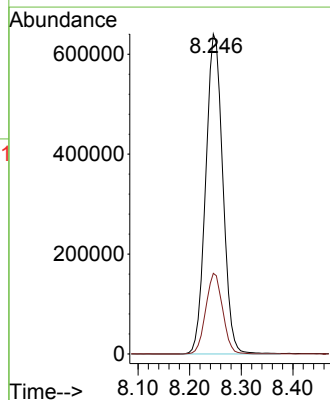
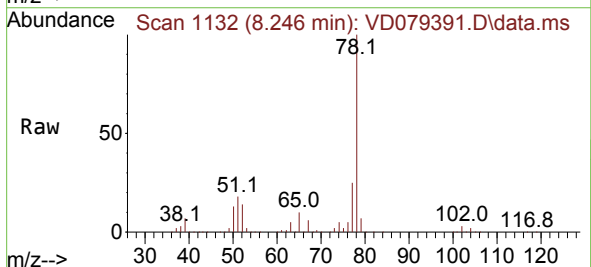
Instrument :
MSVOA_D
ClientSampleId :

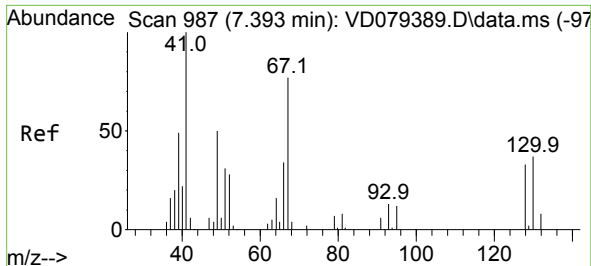
Tgt Ion: 83 Resp: 578285
Ion Ratio Lower Upper
83 100
55 68.5 50.1 75.1
98 46.2 41.9 62.9



#40
Benzene
Concen: 139.906 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

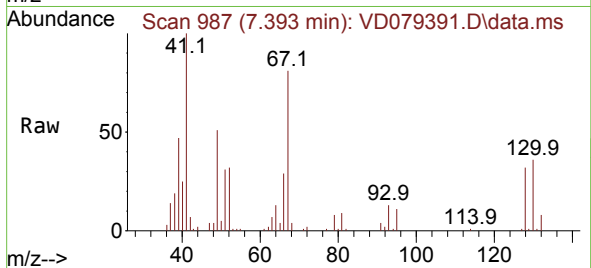
Tgt Ion: 78 Resp: 1471938
Ion Ratio Lower Upper
78 100
77 25.2 18.1 27.1



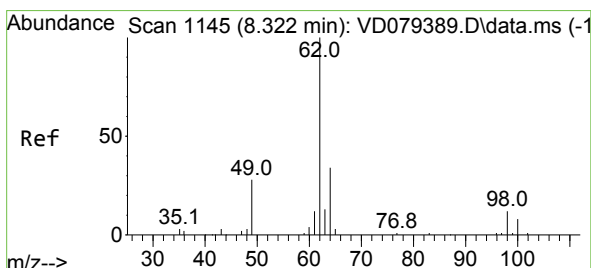
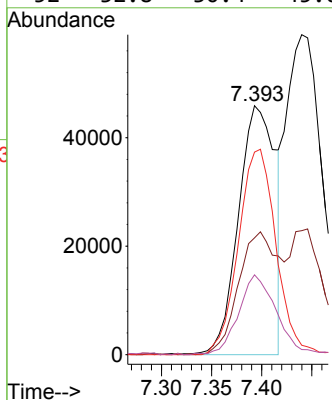
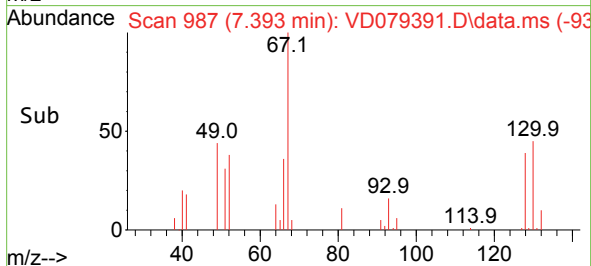


#41
Methacrylonitrile
Concen: 143.756 ug/l
RT: 7.393 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

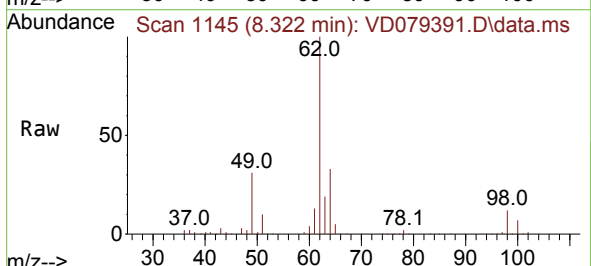
Instrument :
MSVOA_D
ClientSampleId :



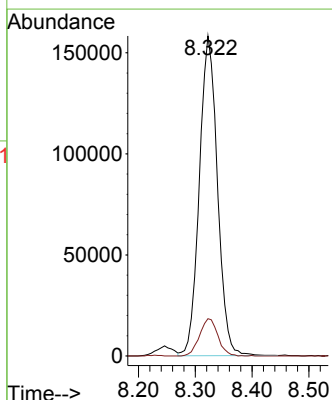
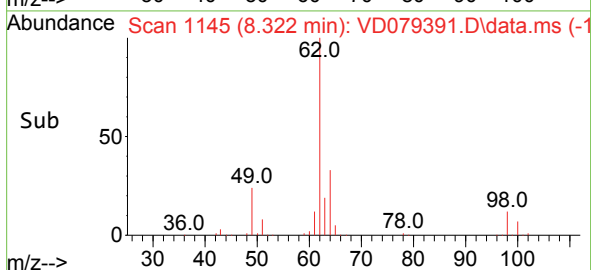
Tgt Ion:	41	Resp:	118025
Ion	Ratio	Lower	Upper
41	100		
39	54.5	41.4	62.0
67	84.1	85.8	128.6#
52	32.8	30.4	45.6

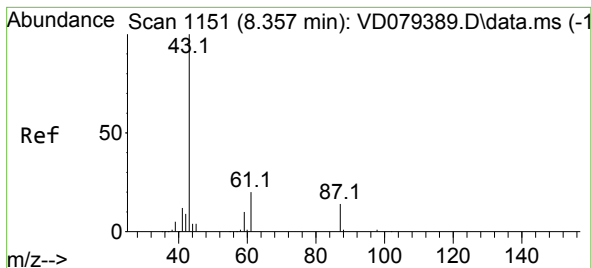


#42
1,2-Dichloroethane
Concen: 133.333 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19



Tgt Ion:	62	Resp:	349646
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	25.8





#43

Isopropyl Acetate

Concen: 143.646 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

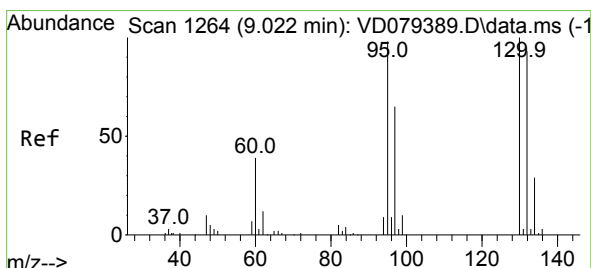
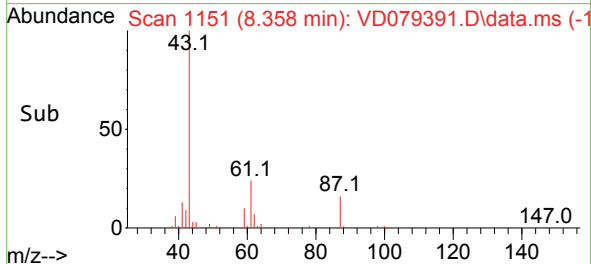
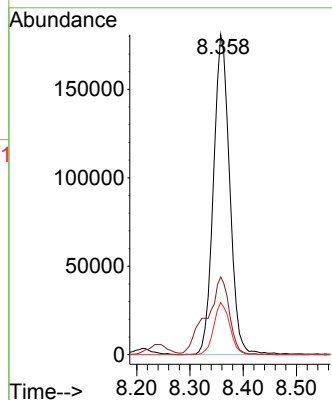
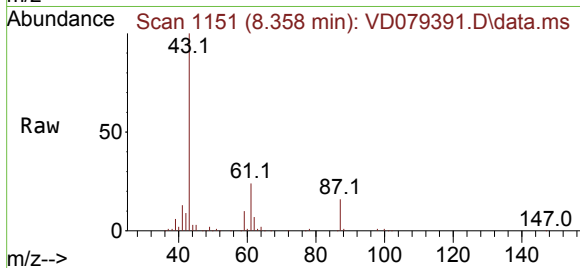
Tgt Ion: 43 Resp: 382956

Ion Ratio Lower Upper

43 100

61 33.9 29.3 43.9

87 16.2 14.9 22.3



#44

Trichloroethene

Concen: 137.508 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.006 min

Lab File: VD079391.D

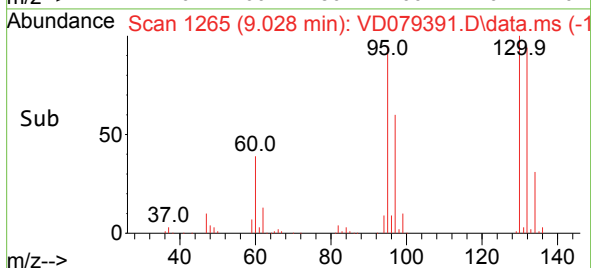
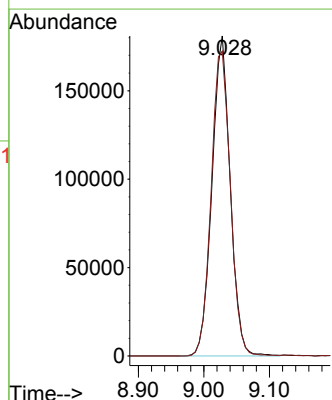
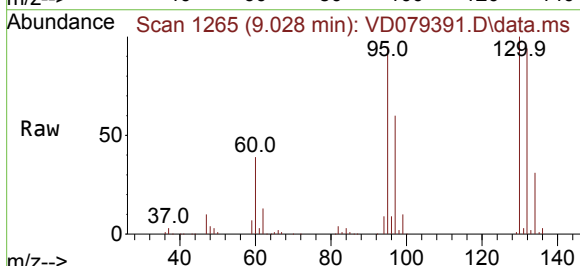
Acq: 22 Jul 2024 15:19

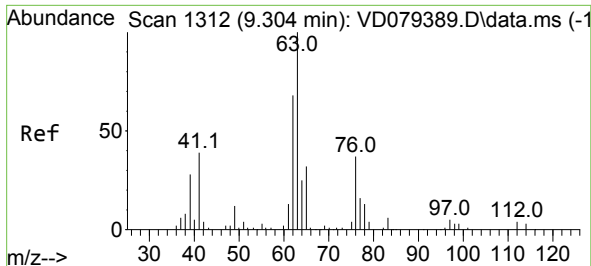
Tgt Ion:130 Resp: 349274

Ion Ratio Lower Upper

130 100

95 95.3 0.0 177.8





#45

1,2-Dichloropropane

Concen: 138.513 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

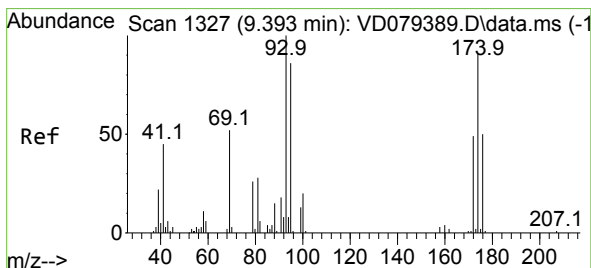
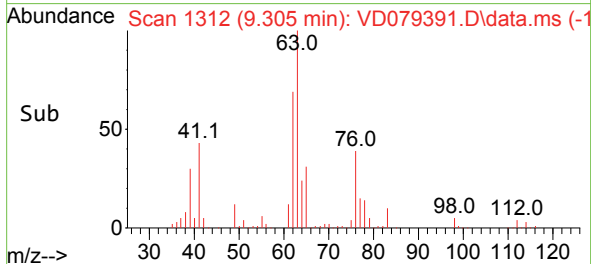
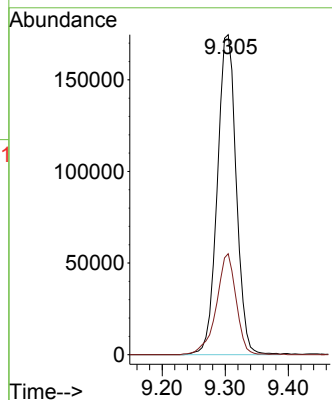
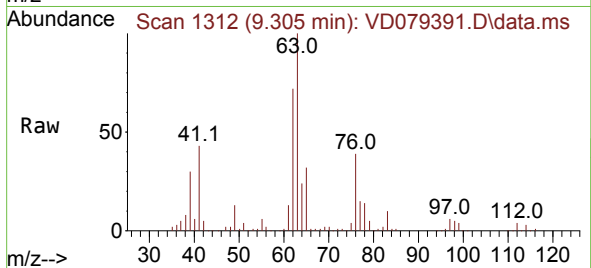
ClientSampleId :

Tgt Ion: 63 Resp: 363271

Ion Ratio Lower Upper

63 100

65 31.5 23.8 35.8



#46

Dibromomethane

Concen: 132.130 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

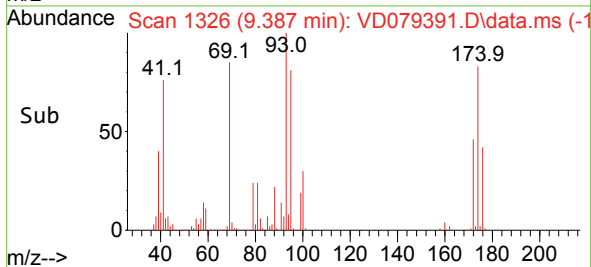
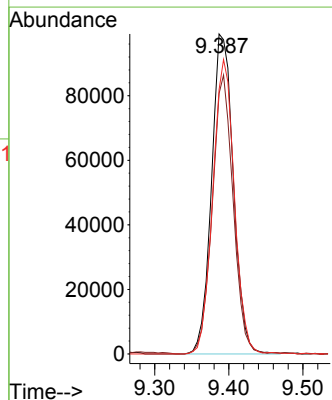
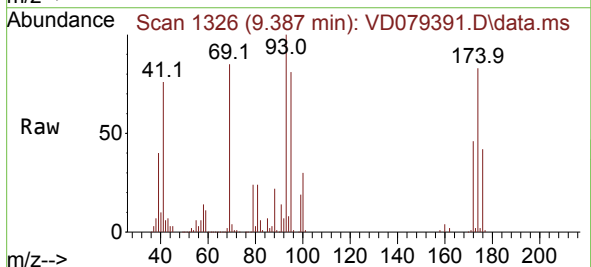
Tgt Ion: 93 Resp: 202826

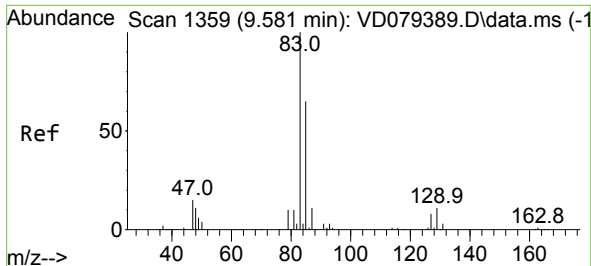
Ion Ratio Lower Upper

93 100

95 83.4 65.6 98.4

174 90.6 82.3 123.5





#47

Bromodichloromethane

Concen: 134.690 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

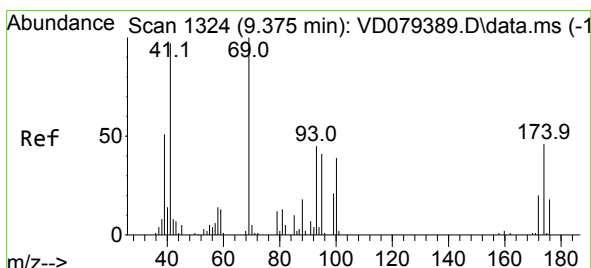
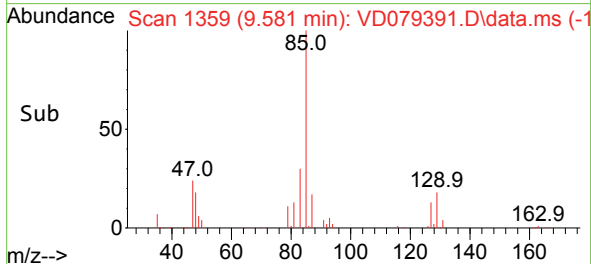
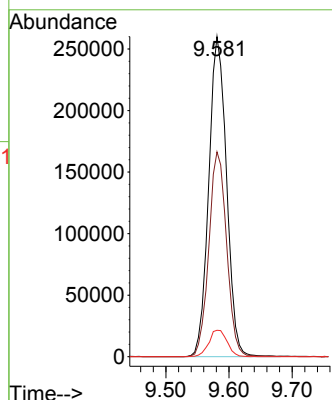
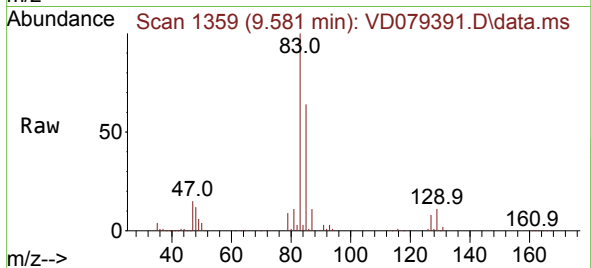
Tgt Ion: 83 Resp: 509476

Ion Ratio Lower Upper

83 100

85 64.0 50.1 75.1

127 8.2 6.8 10.2



#48

Methyl methacrylate

Concen: 147.964 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

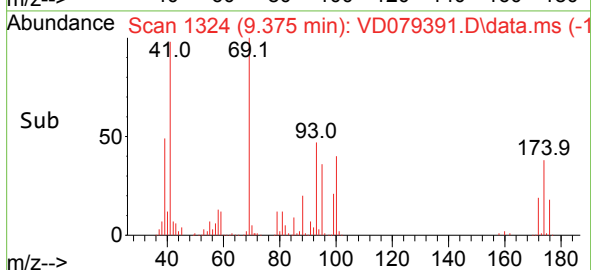
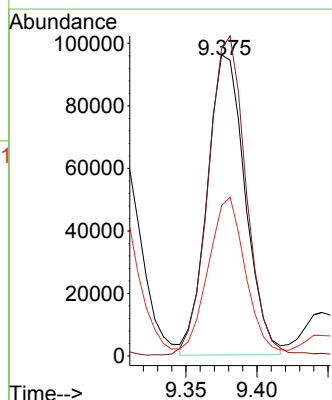
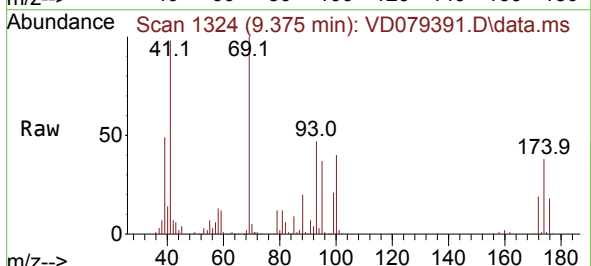
Tgt Ion: 41 Resp: 178355

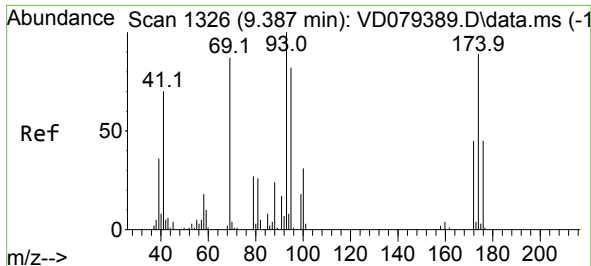
Ion Ratio Lower Upper

41 100

69 107.2 96.7 145.1

39 49.0 43.8 65.6





#49

1,4-Dioxane

Concen: 2920.028 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

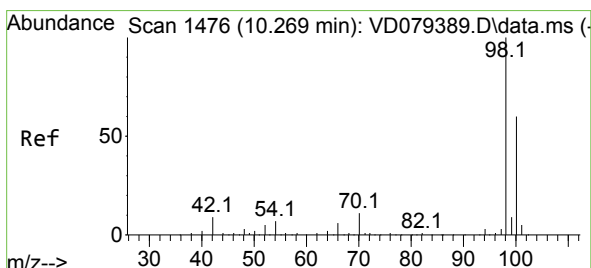
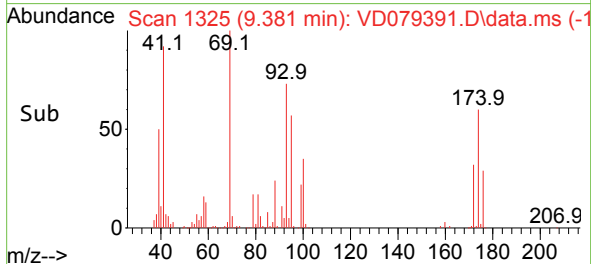
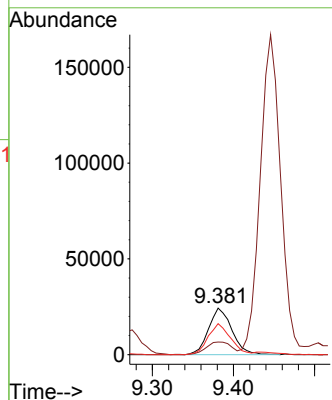
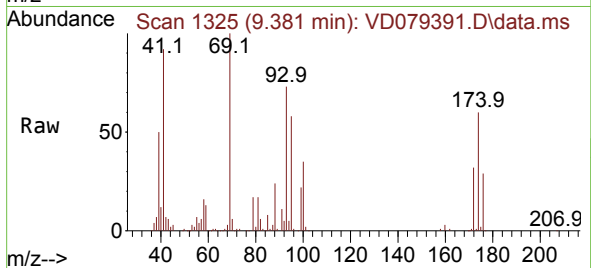
Tgt Ion: 88 Resp: 48708

Ion Ratio Lower Upper

88 100

43 29.4 21.5 32.3

58 64.0 42.2 63.4#



#50

Toluene-d8

Concen: 149.350 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079391.D

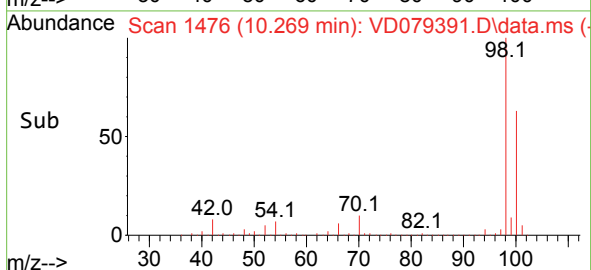
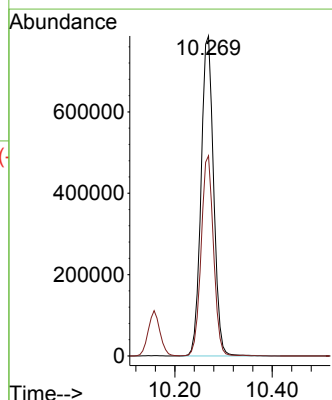
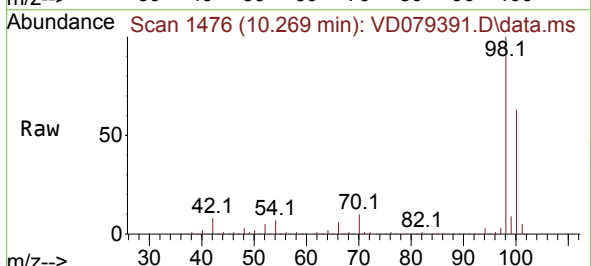
Acq: 22 Jul 2024 15:19

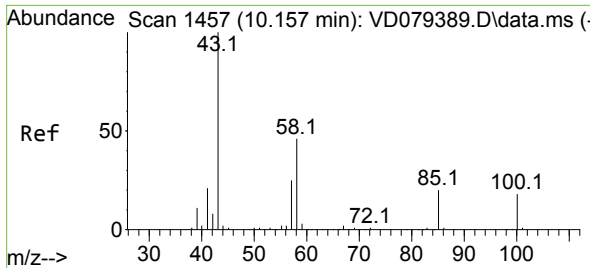
Tgt Ion: 98 Resp: 1406099

Ion Ratio Lower Upper

98 100

100 61.7 51.6 77.4

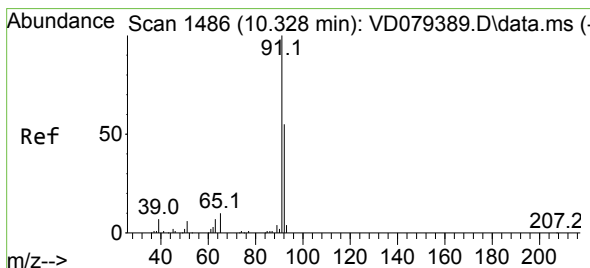
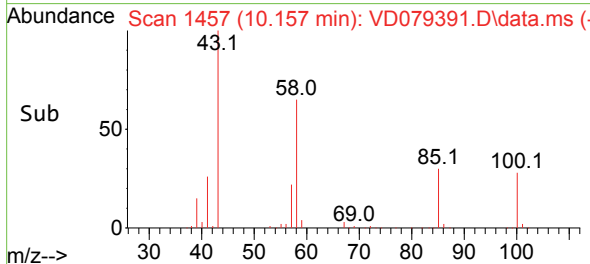
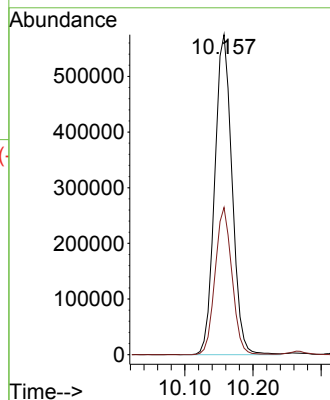
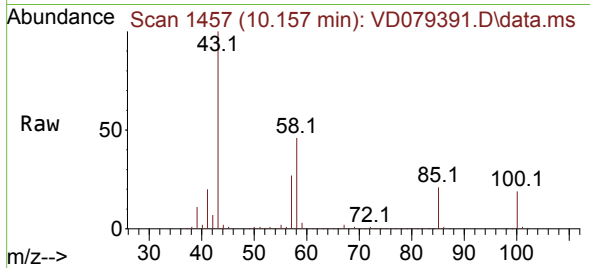




#51
4-Methyl-2-Pentanone
Concen: 706.126 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

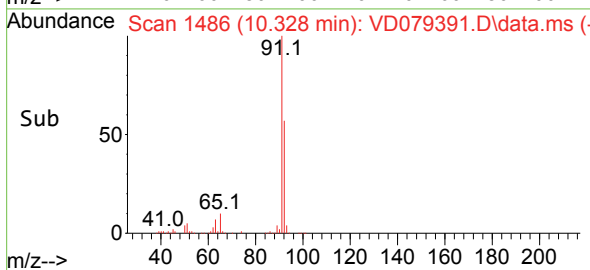
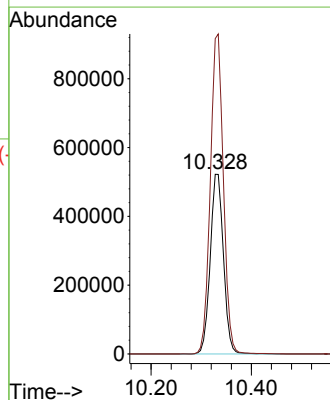
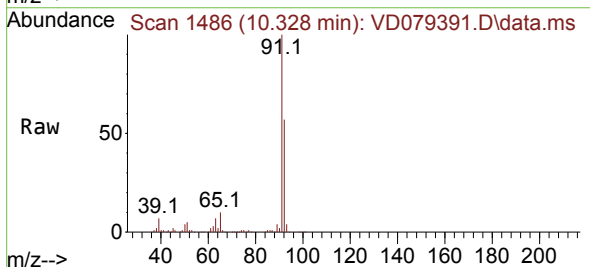
Instrument :
MSVOA_D
ClientSampleId :

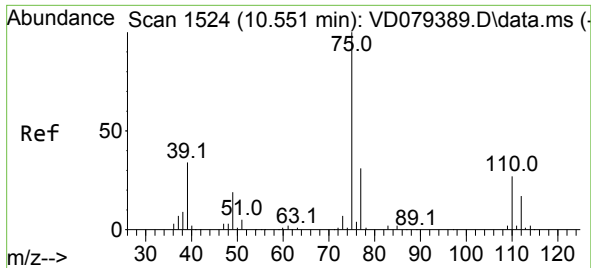
Tgt Ion: 43 Resp: 1017404
Ion Ratio Lower Upper
43 100
58 44.8 36.6 55.0



#52
Toluene
Concen: 144.832 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion: 92 Resp: 953615
Ion Ratio Lower Upper
92 100
91 176.1 141.7 212.5

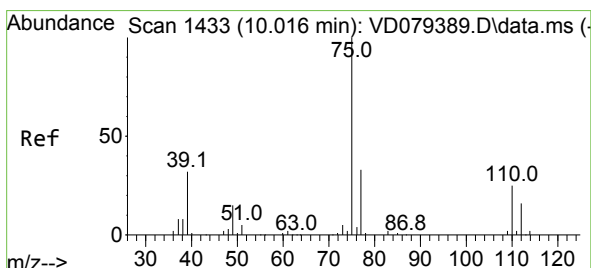
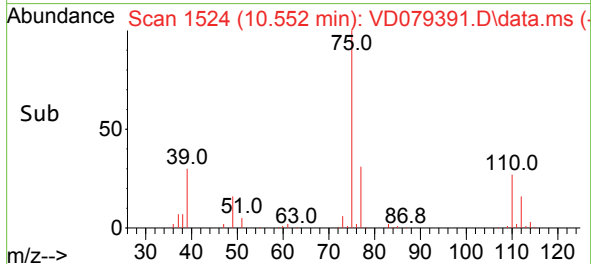
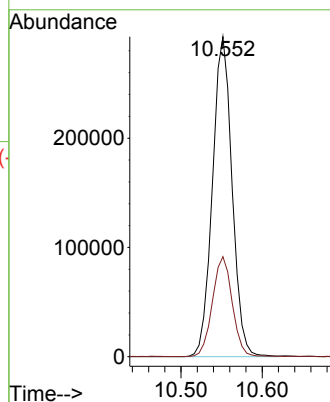
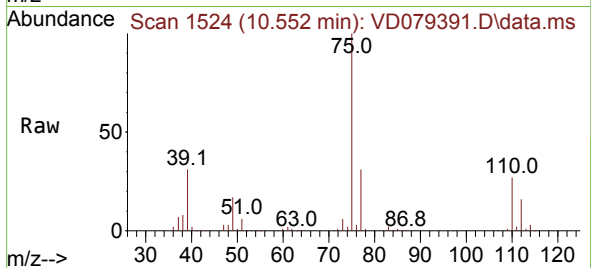




#53
 t-1,3-Dichloropropene
 Concen: 143.617 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD079391.D
 Acq: 22 Jul 2024 15:19

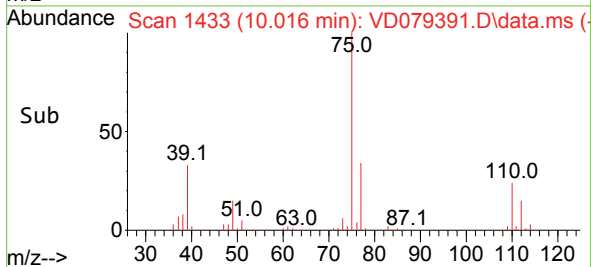
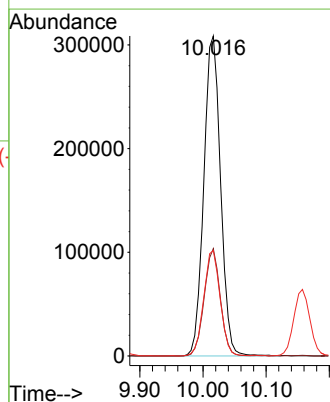
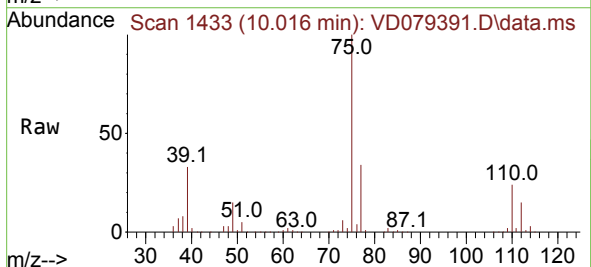
Instrument :
 MSVOA_D
 ClientSampleId :

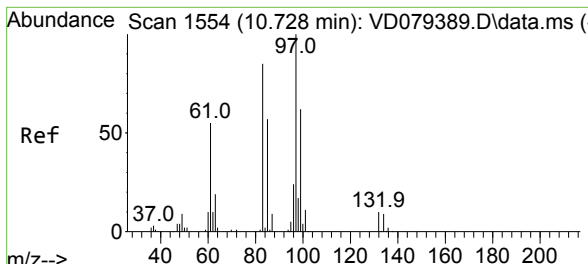
Tgt Ion: 75 Resp: 491723
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 142.368 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079391.D
 Acq: 22 Jul 2024 15:19

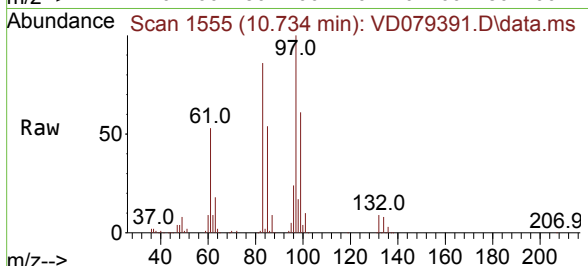
Tgt Ion: 75 Resp: 569873
 Ion Ratio Lower Upper
 75 100
 77 33.6 24.4 36.6
 39 32.9 24.2 36.2



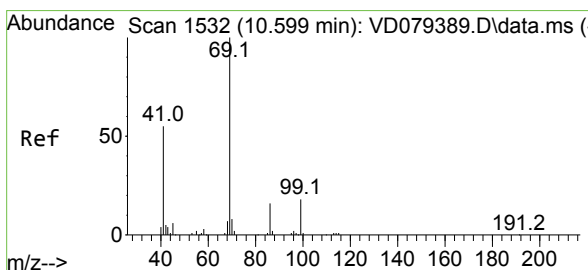
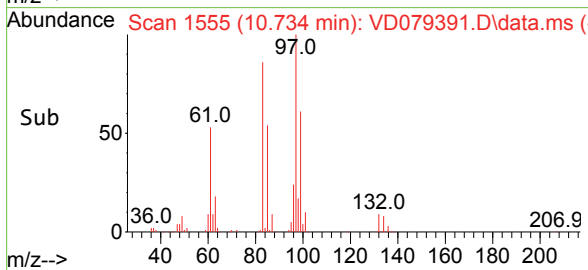
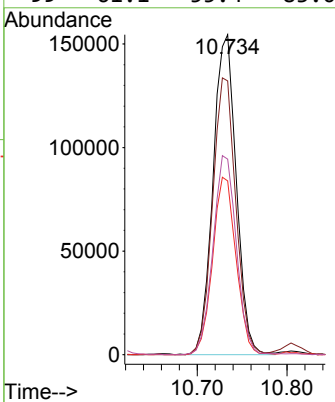


#55
 1,1,2-Trichloroethane
 Concen: 135.693 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.006 min
 Lab File: VD079391.D
 Acq: 22 Jul 2024 15:19

Instrument : MSVOA_D
 ClientSampleId :

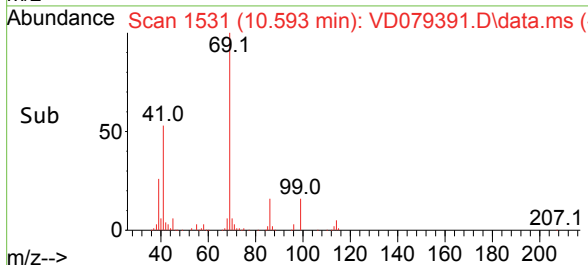
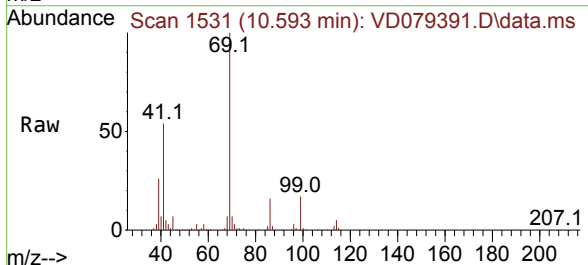
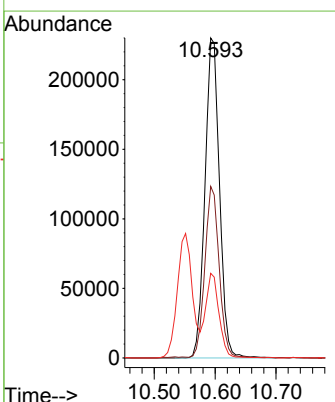


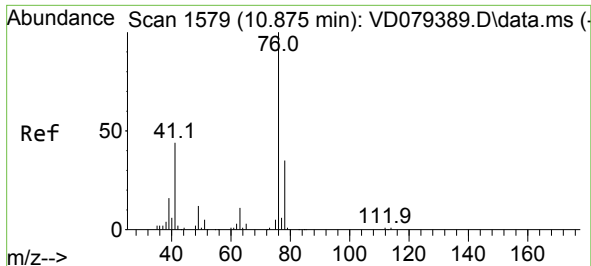
Tgt Ion:	97	Resp:	277526
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.8	98.8
85	54.3	43.8	65.8
99	61.1	55.4	83.0



#56
 Ethyl methacrylate
 Concen: 154.751 ug/l
 RT: 10.593 min Scan# 1531
 Delta R.T. -0.006 min
 Lab File: VD079391.D
 Acq: 22 Jul 2024 15:19

Tgt Ion:	69	Resp:	380753
Ion	Ratio	Lower	Upper
69	100		
41	52.4	39.8	59.6
39	24.3	20.2	30.4

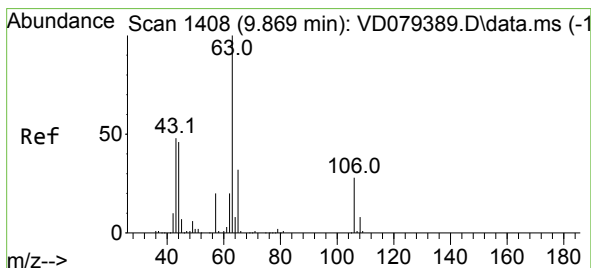
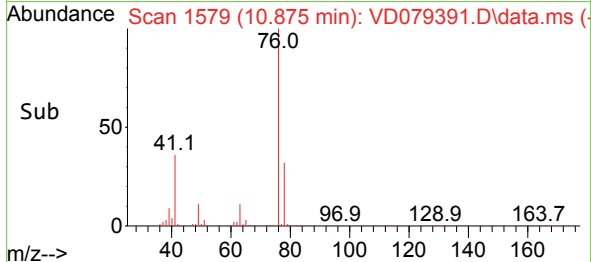
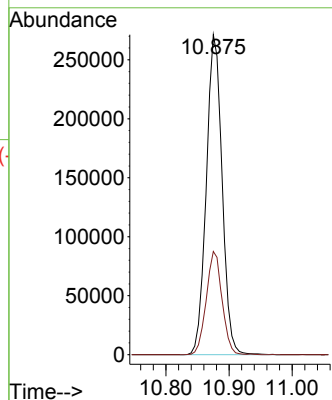
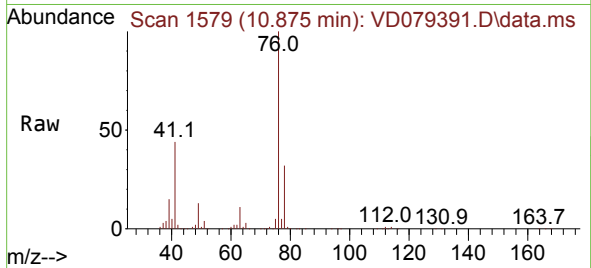




#57
 1,3-Dichloropropane
 Concen: 139.952 ug/l
 RT: 10.875 min Scan# 1579
 Delta R.T. 0.000 min
 Lab File: VD079391.D
 Acq: 22 Jul 2024 15:19

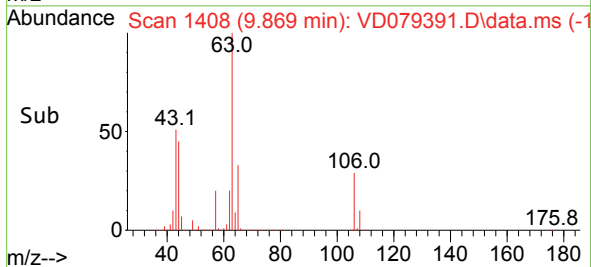
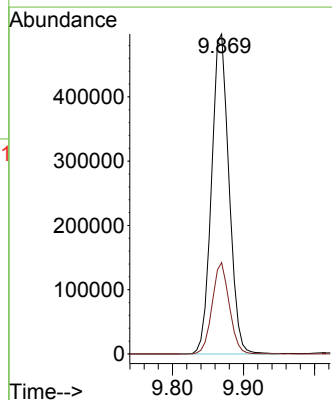
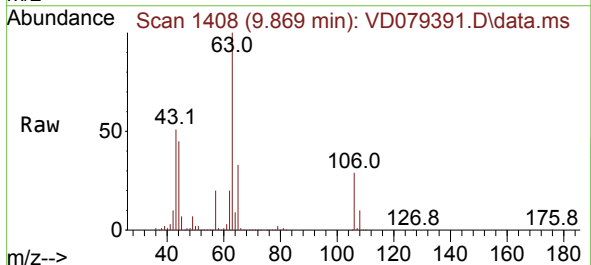
Instrument :
 MSVOA_D
 ClientSampleId :

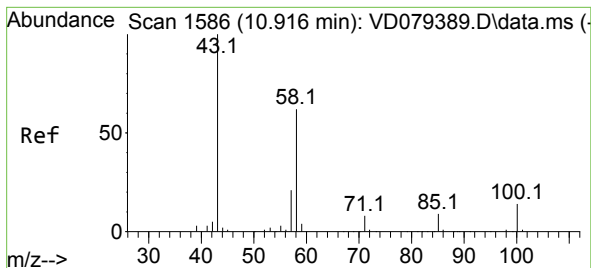
Tgt Ion: 76 Resp: 471707
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 775.322 ug/l
 RT: 9.869 min Scan# 1408
 Delta R.T. 0.000 min
 Lab File: VD079391.D
 Acq: 22 Jul 2024 15:19

Tgt Ion: 63 Resp: 849743
 Ion Ratio Lower Upper
 63 100
 106 27.9 26.4 39.6

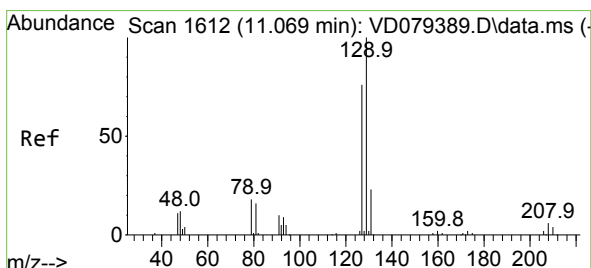
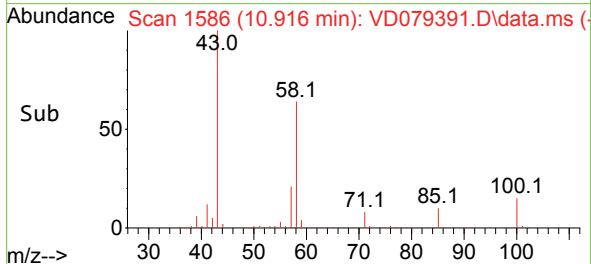
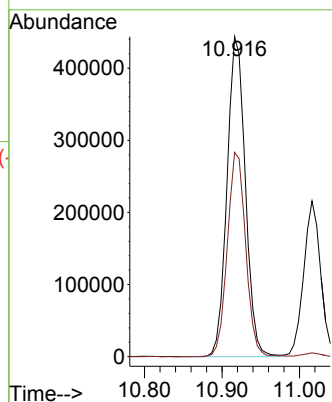
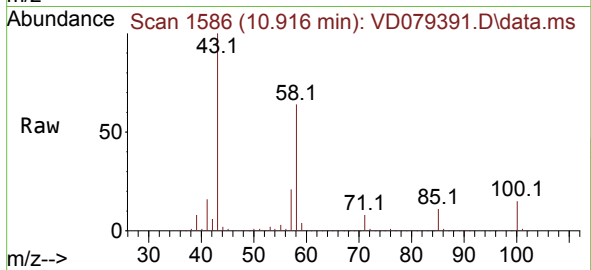




#59
2-Hexanone
Concen: 715.446 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

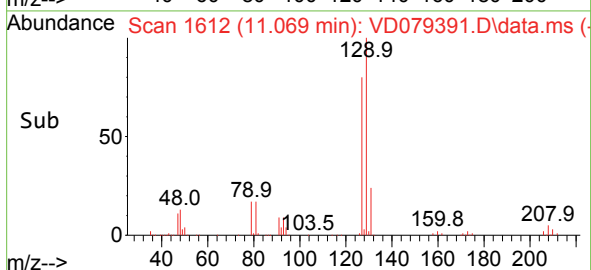
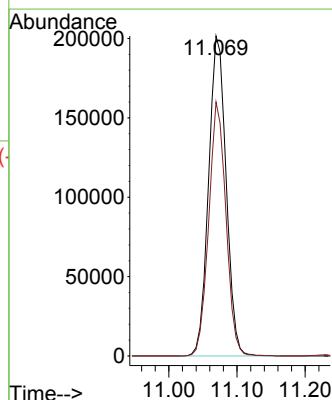
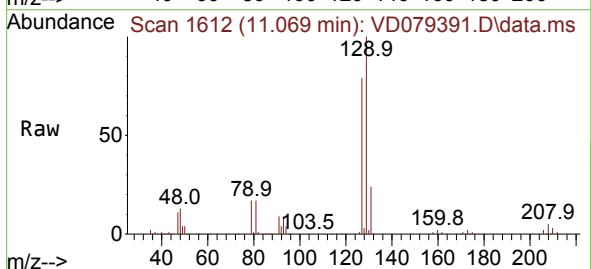
Instrument :
MSVOA_D
ClientSampleId :

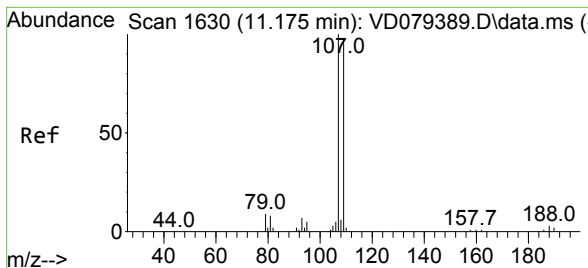
Tgt Ion: 43 Resp: 730163
Ion Ratio Lower Upper
43 100
58 64.1 31.1 93.5



#60
Dibromochloromethane
Concen: 137.406 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion: 129 Resp: 360904
Ion Ratio Lower Upper
129 100
127 77.8 38.0 113.9

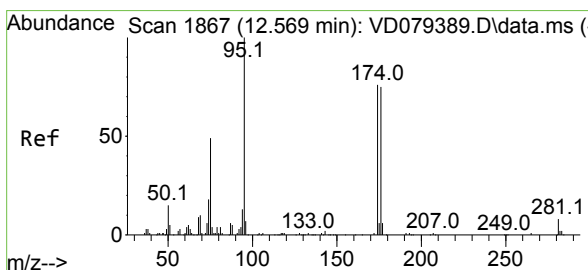
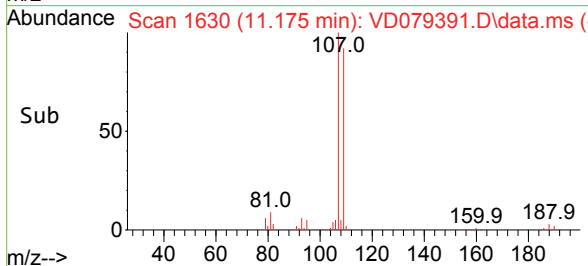
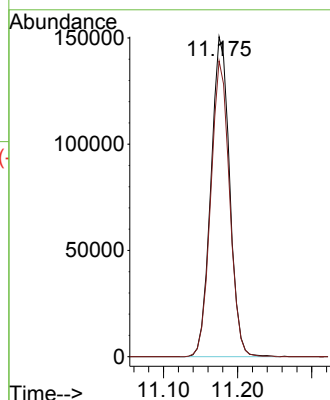
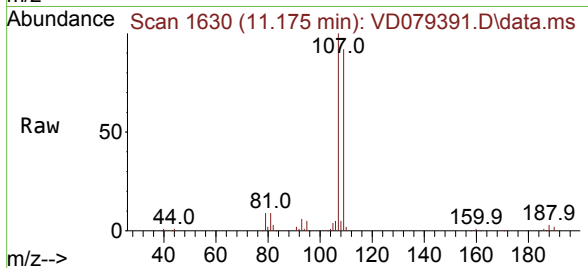




#61
1,2-Dibromoethane
Concen: 139.143 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

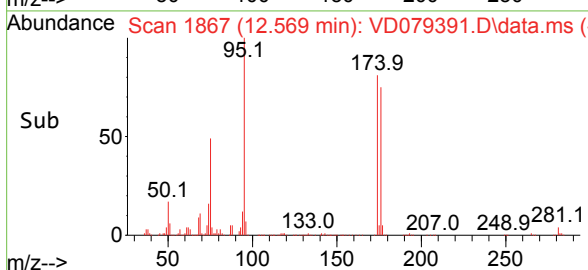
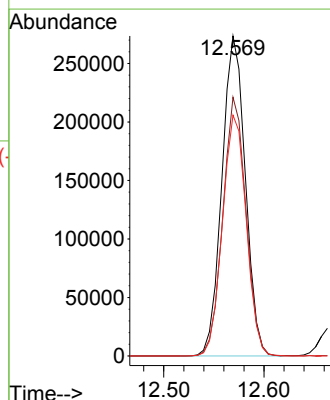
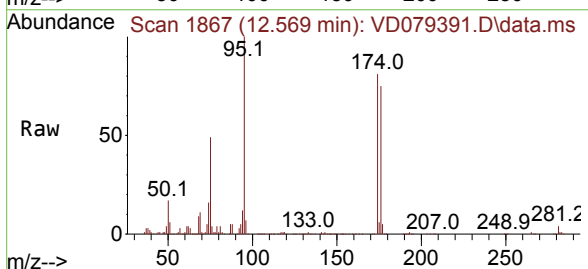
Instrument :
MSVOA_D
ClientSampleId :

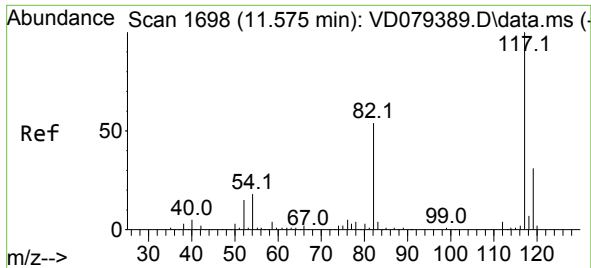
Tgt Ion:107 Resp: 263754
Ion Ratio Lower Upper
107 100
109 92.7 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 153.509 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion: 95 Resp: 442016
Ion Ratio Lower Upper
95 100
174 80.0 0.0 195.4
176 76.5 0.0 192.6

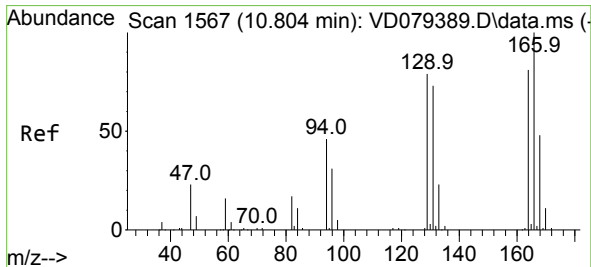
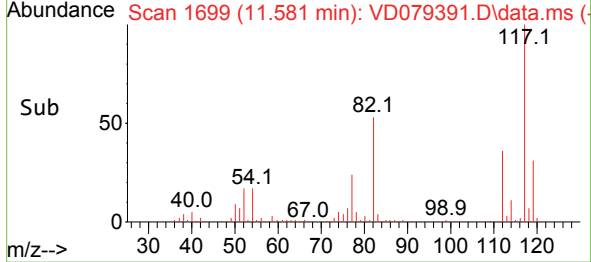
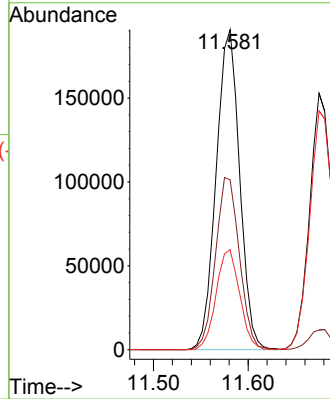
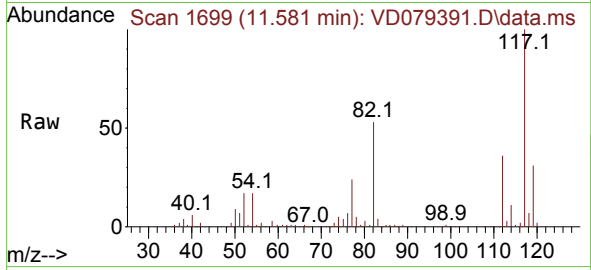




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

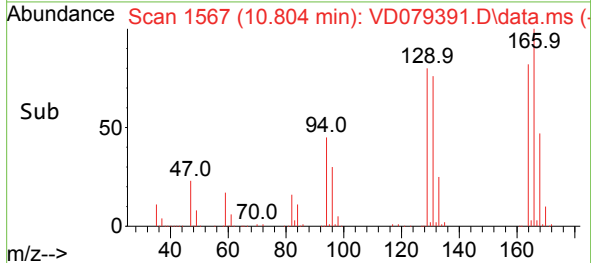
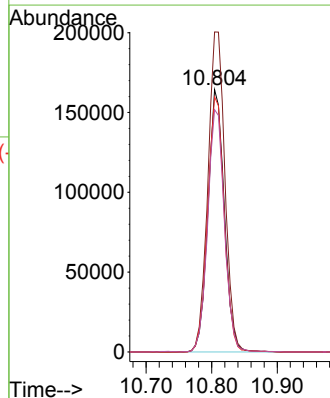
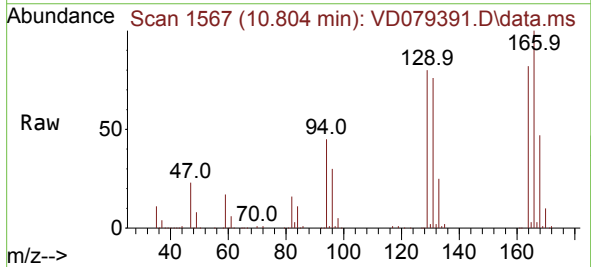
Instrument :
MSVOA_D
ClientSampleId :

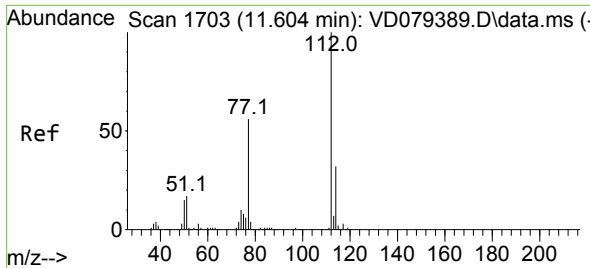
Tgt Ion:117 Resp: 329222
Ion Ratio Lower Upper
117 100
82 53.1 39.8 59.6
119 31.2 25.7 38.5



#64
Tetrachloroethene
Concen: 137.087 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

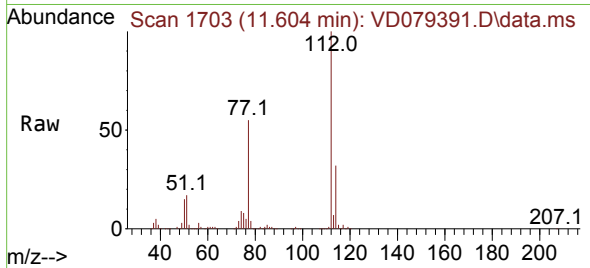
Tgt Ion:164 Resp: 285093
Ion Ratio Lower Upper
164 100
166 122.1 108.6 163.0
129 97.3 74.6 112.0
131 92.4 68.6 103.0



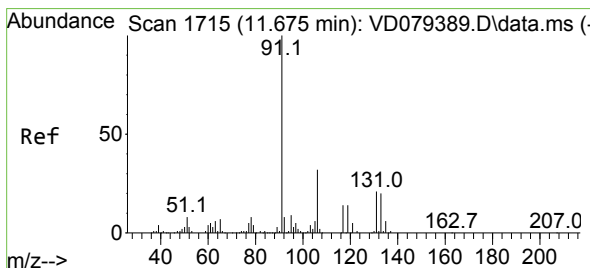
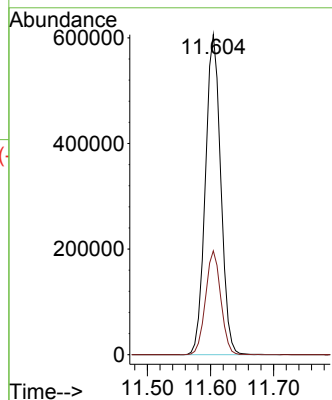
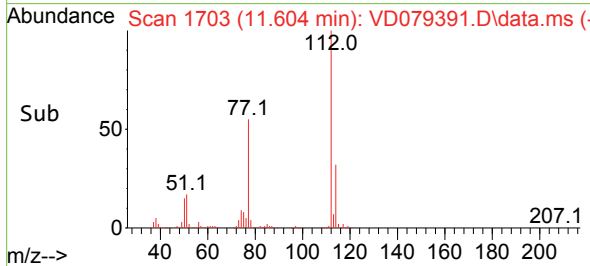


#65
Chlorobenzene
Concen: 141.909 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

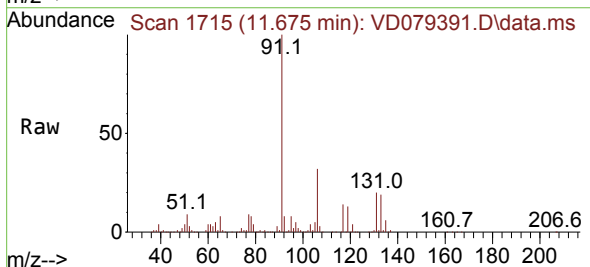
Instrument :
MSVOA_D
ClientSampleId :



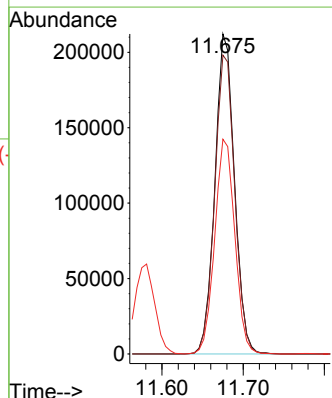
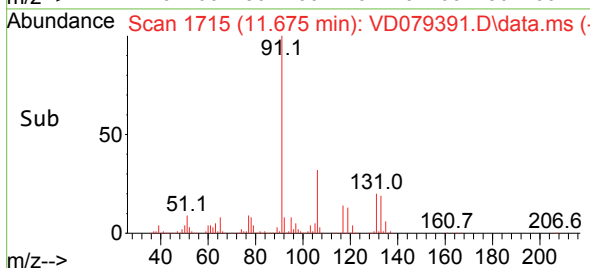
Tgt Ion:112 Resp: 1026188
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0

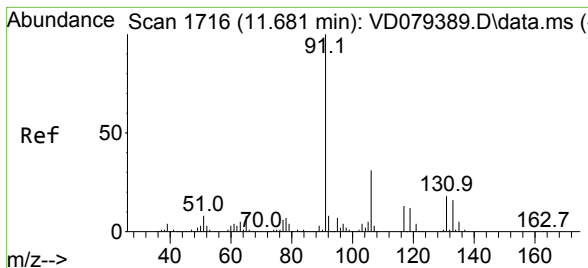


#66
1,1,1,2-Tetrachloroethane
Concen: 145.052 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19



Tgt Ion:131 Resp: 356258
Ion Ratio Lower Upper
131 100
133 95.6 49.2 147.6
119 69.0 33.4 100.2





#67

Ethyl Benzene

Concen: 157.972 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

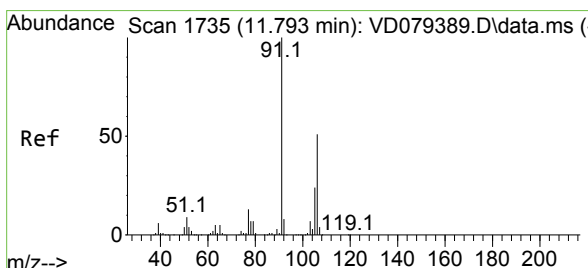
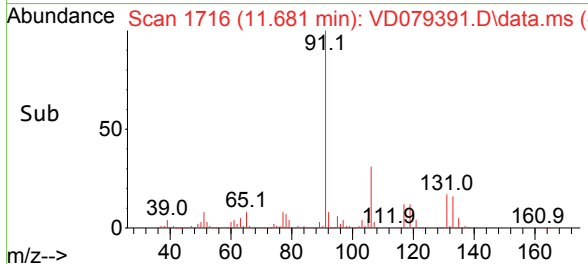
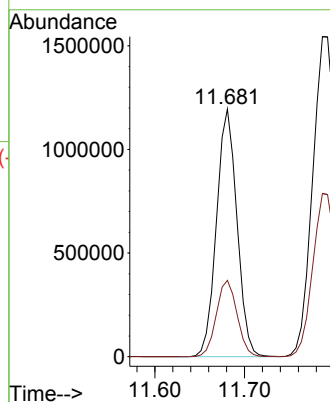
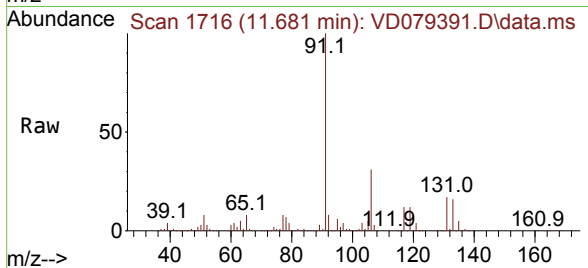
ClientSampleId :

Tgt Ion: 91 Resp: 1893022

Ion Ratio Lower Upper

91 100

106 30.8 25.8 38.6



#68

m/p-Xylenes

Concen: 316.444 ug/l

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD079391.D

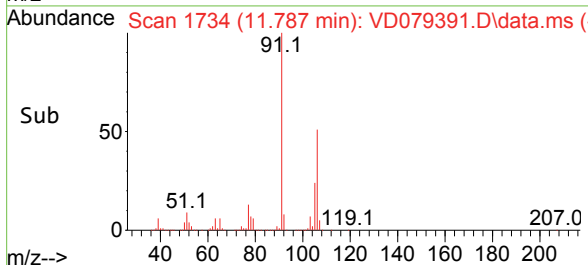
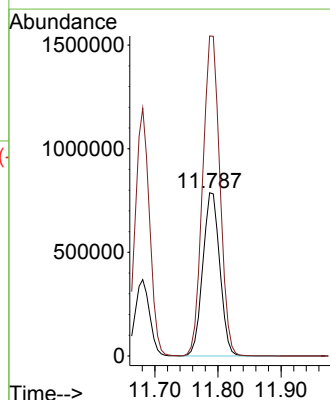
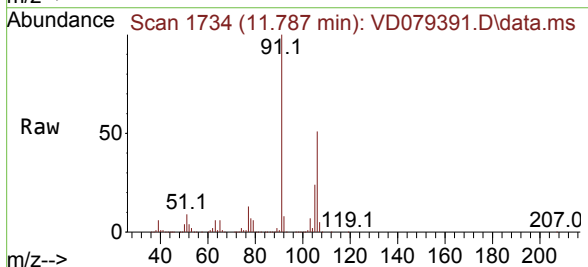
Acq: 22 Jul 2024 15:19

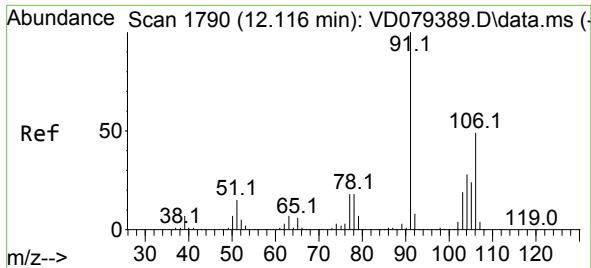
Tgt Ion:106 Resp: 1471094

Ion Ratio Lower Upper

106 100

91 198.2 148.5 222.7

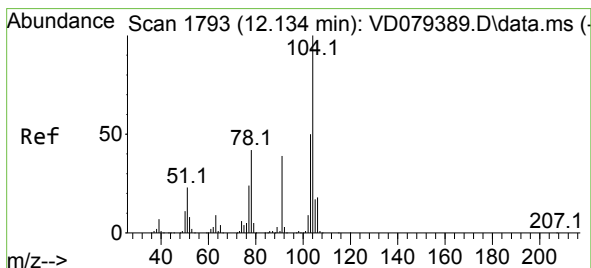
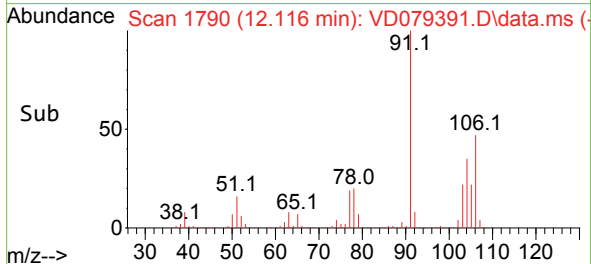
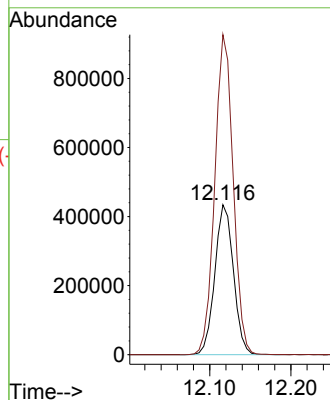
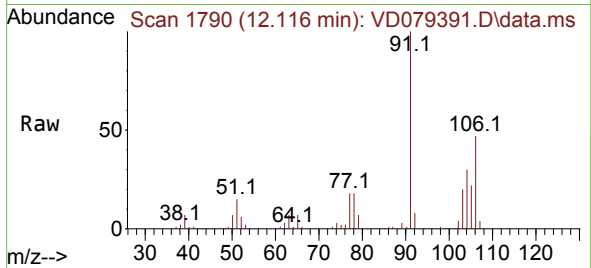




#69
o-Xylene
Concen: 160.199 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

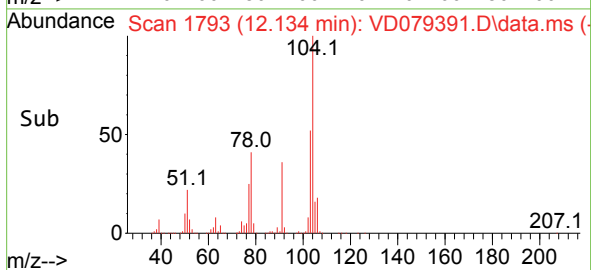
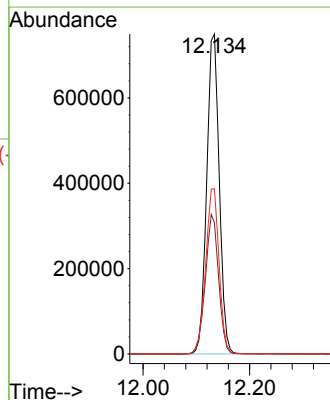
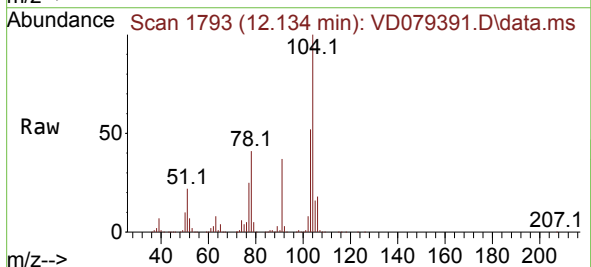
Instrument :
MSVOA_D
ClientSampleId :

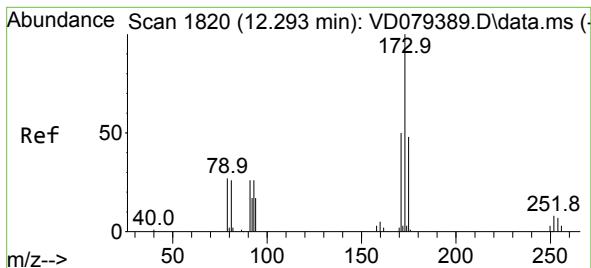
Tgt Ion:106 Resp: 692042
Ion Ratio Lower Upper
106 100
91 211.1 96.7 290.1



#70
Styrene
Concen: 160.077 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion:104 Resp: 1227983
Ion Ratio Lower Upper
104 100
78 46.1 33.0 49.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 143.775 ug/l

RT: 12.298 min Scan# 1820

Delta R.T. 0.006 min

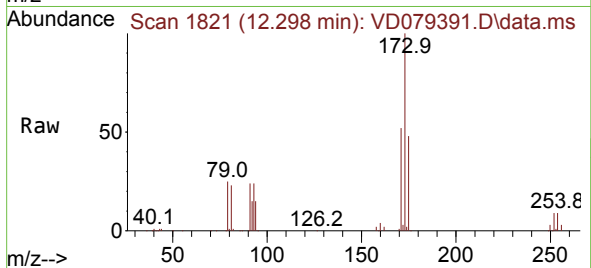
Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :



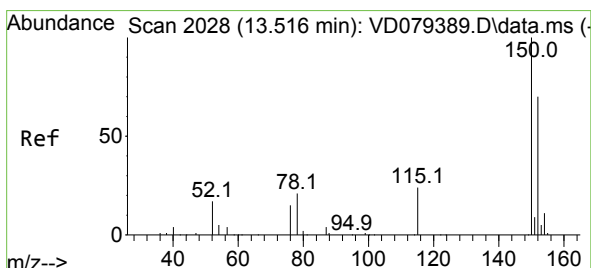
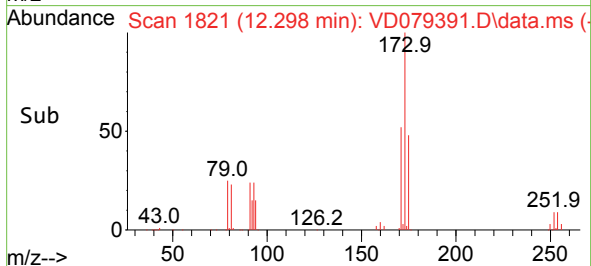
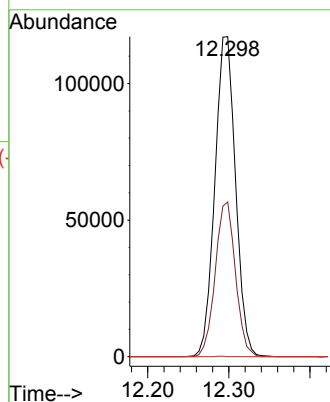
Tgt Ion:173 Resp: 207701

Ion Ratio Lower Upper

173 100

175 47.2 23.7 71.1

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

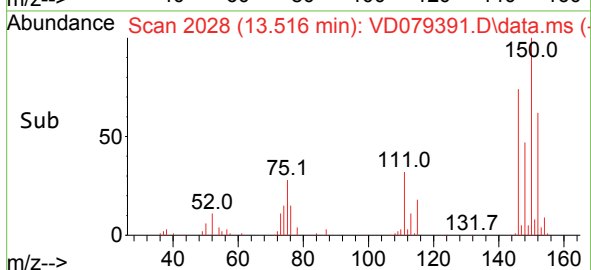
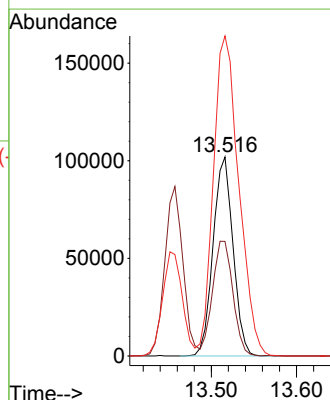
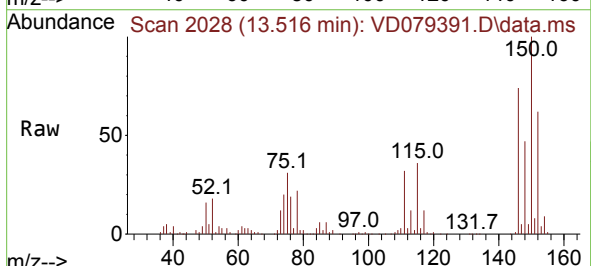
Tgt Ion:152 Resp: 165578

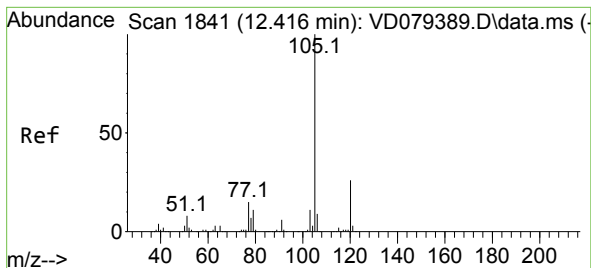
Ion Ratio Lower Upper

152 100

115 59.2 26.5 79.5

150 205.1 0.0 341.6





#73

Isopropylbenzene

Concen: 153.528 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

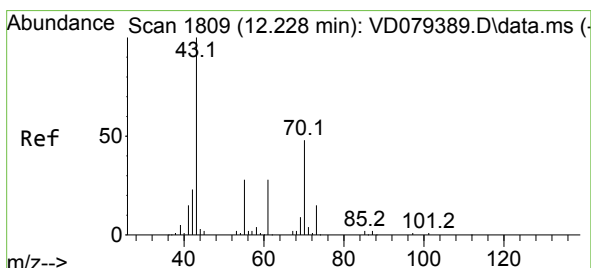
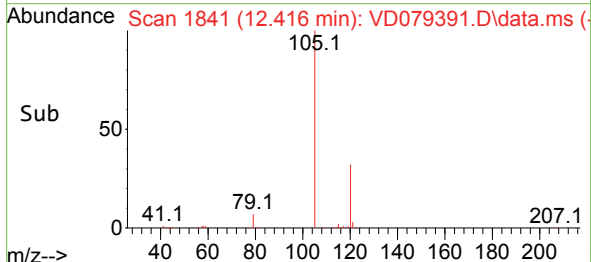
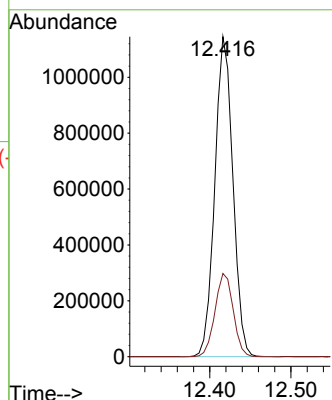
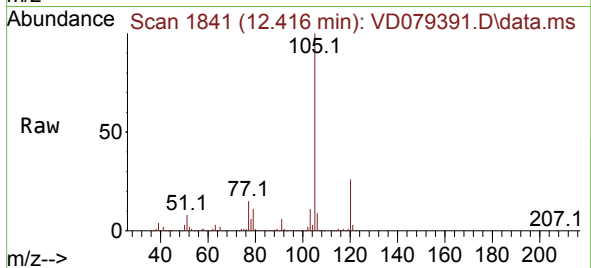
ClientSampleId :

Tgt Ion:105 Resp: 1772625

Ion Ratio Lower Upper

105 100

120 26.2 13.6 40.7



#74

N-ethyl acetate

Concen: 144.472 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Tgt Ion: 43 Resp: 379289

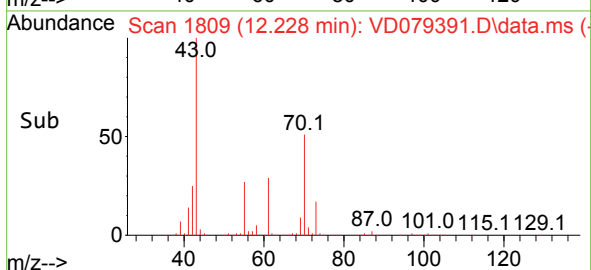
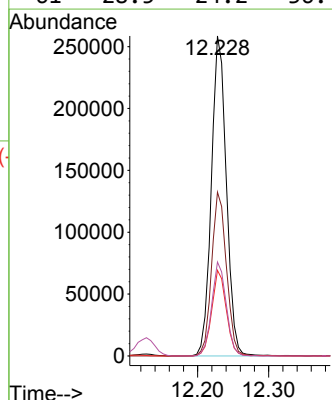
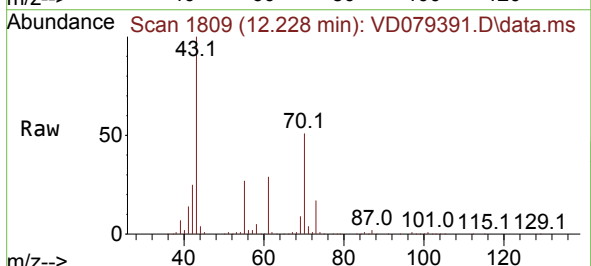
Ion Ratio Lower Upper

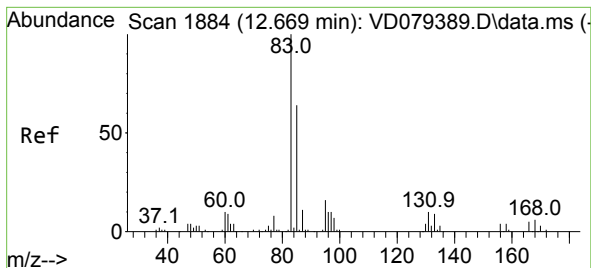
43 100

70 50.9 44.3 66.5

55 26.2 23.2 34.8

61 28.5 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 131.923 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

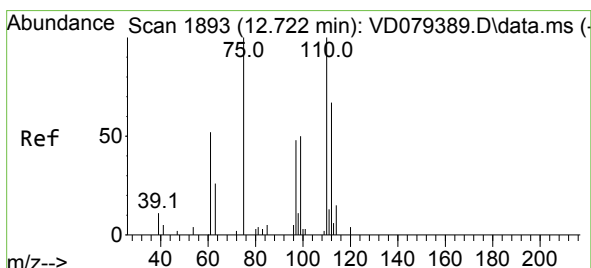
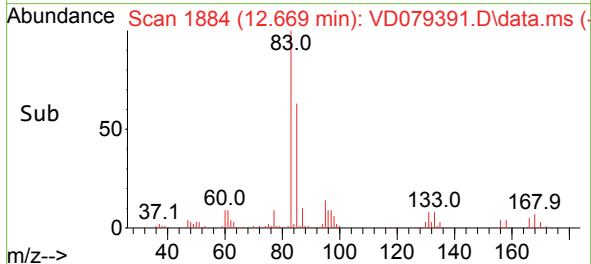
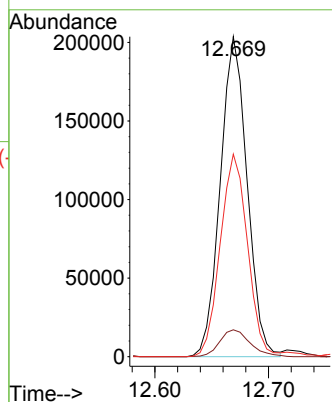
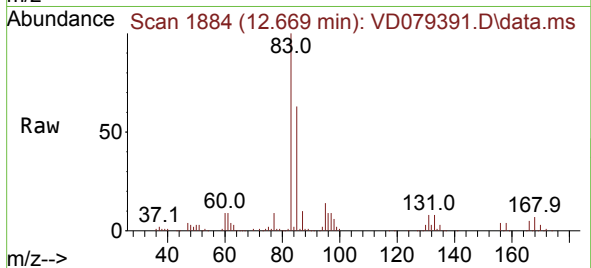
Tgt Ion: 83 Resp: 334318

Ion Ratio Lower Upper

83 100

131 9.5 5.5 16.5

85 64.2 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 238.520 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079391.D

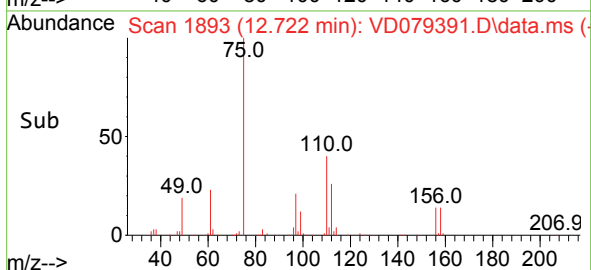
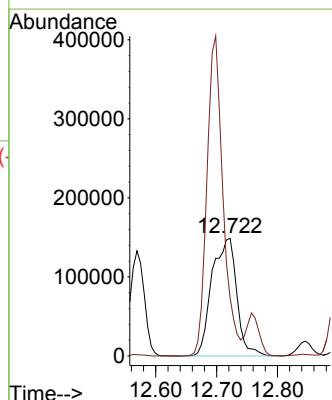
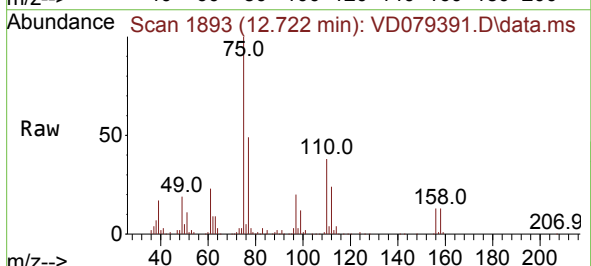
Acq: 22 Jul 2024 15:19

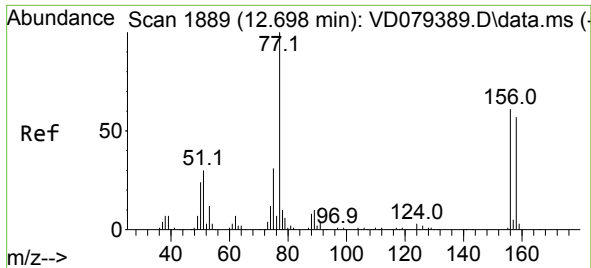
Tgt Ion: 75 Resp: 420237

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

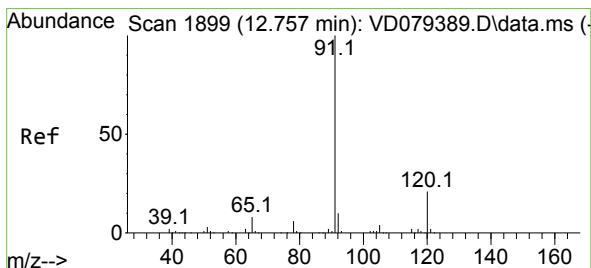
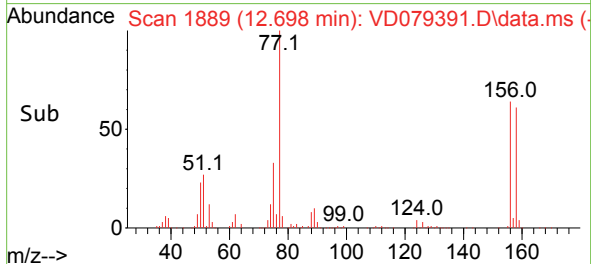
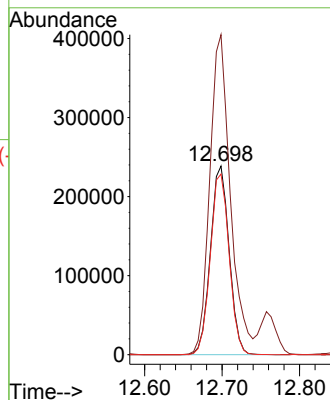
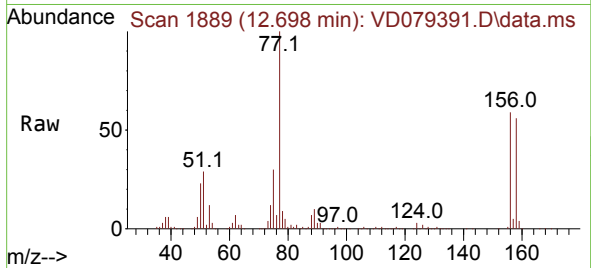




#77
Bromobenzene
Concen: 142.956 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

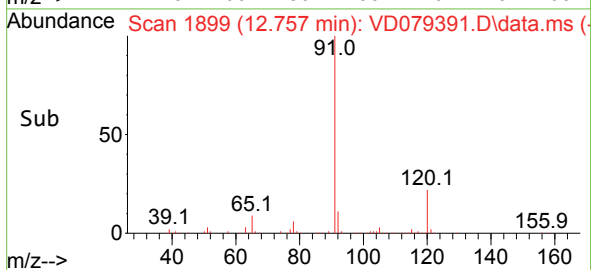
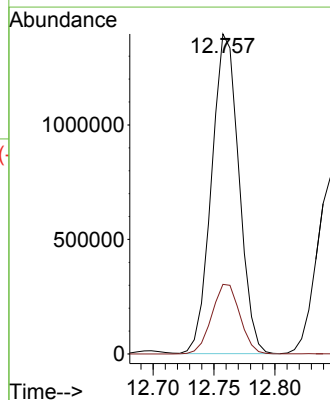
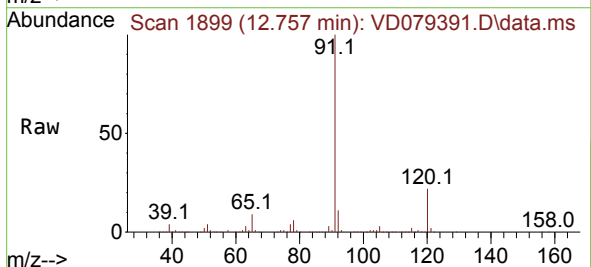
Instrument :
MSVOA_D
ClientSampleId :

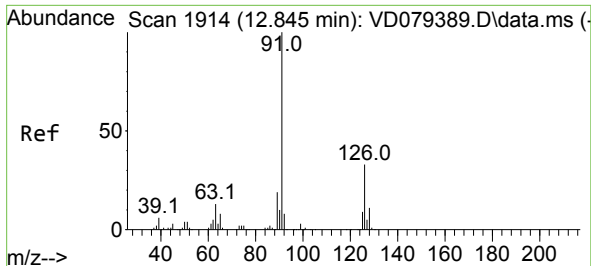
Tgt Ion:156 Resp: 400965
Ion Ratio Lower Upper
156 100
77 185.9 77.3 231.9
158 96.2 49.6 149.0



#78
n-propylbenzene
Concen: 150.596 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion: 91 Resp: 2186870
Ion Ratio Lower Upper
91 100
120 22.4 12.3 36.8

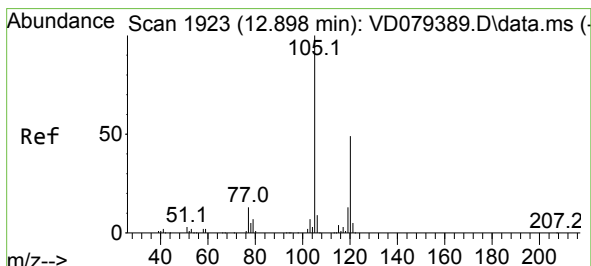
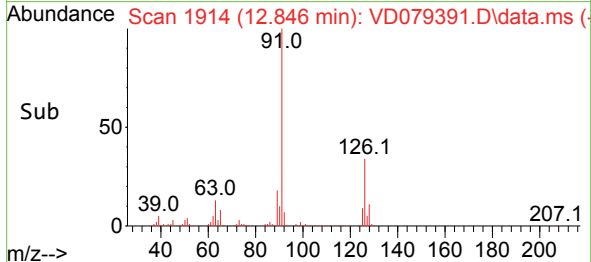
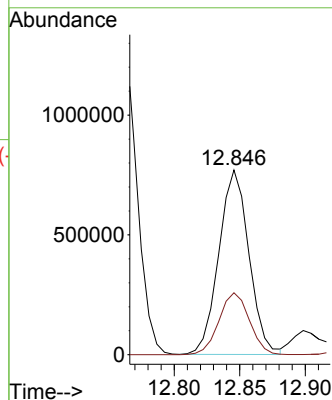
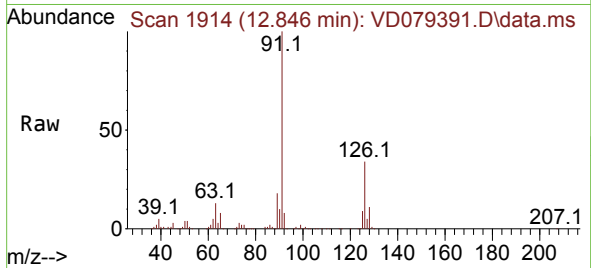




#79
2-Chlorotoluene
Concen: 148.697 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

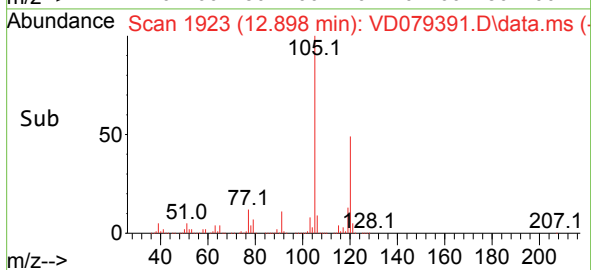
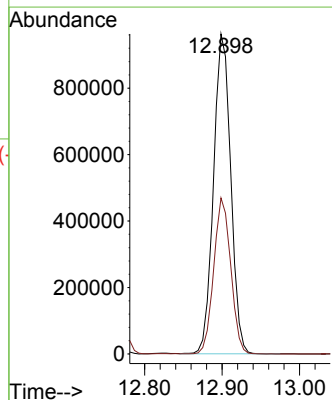
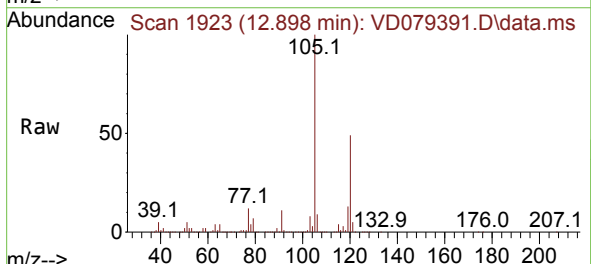
Instrument :
MSVOA_D
ClientSampleId :

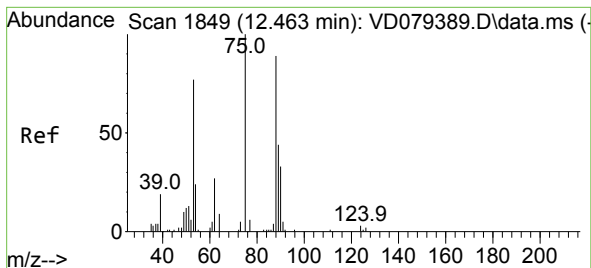
Tgt Ion: 91 Resp: 1231705
Ion Ratio Lower Upper
91 100
126 33.9 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 153.314 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion: 105 Resp: 1484639
Ion Ratio Lower Upper
105 100
120 48.2 25.7 77.1

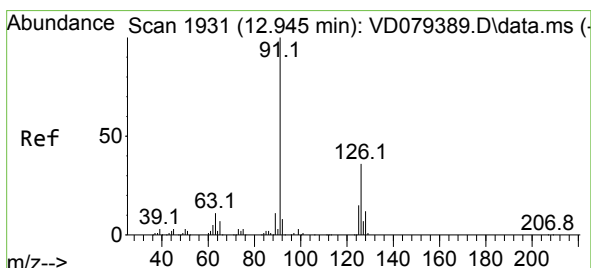
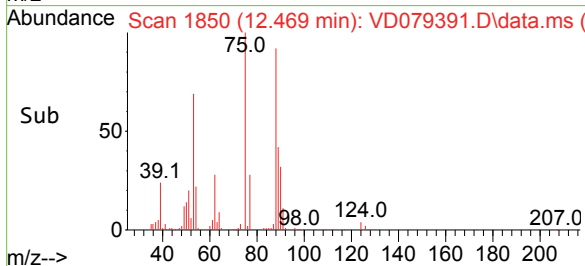
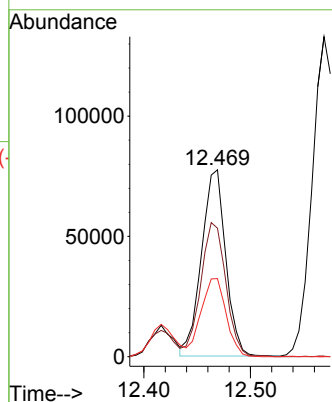
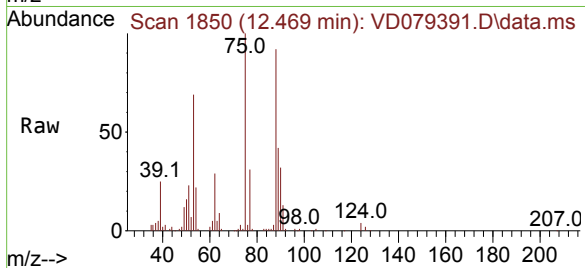




#81
trans-1,4-Dichloro-2-butene
Concen: 139.378 ug/l
RT: 12.469 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

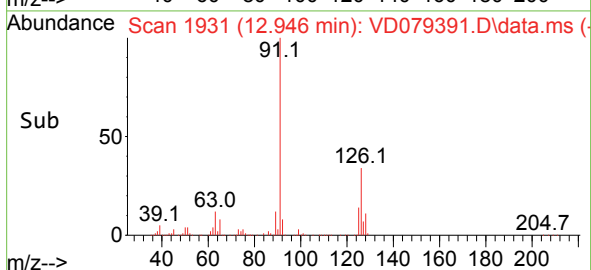
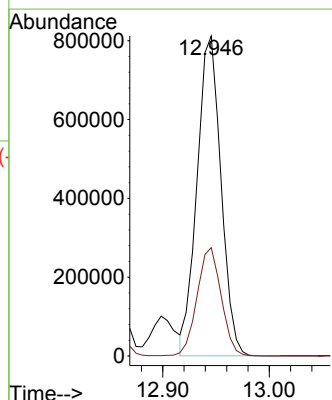
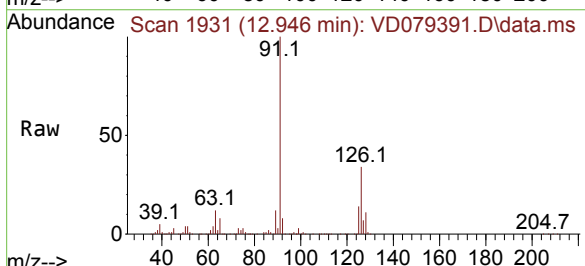
Instrument :
MSVOA_D
ClientSampleId :

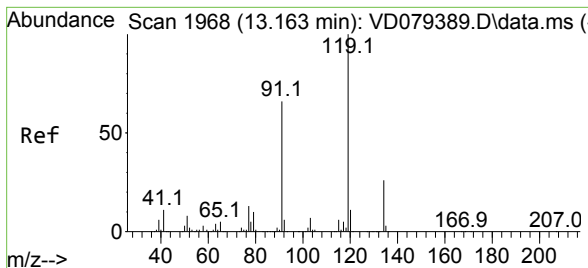
Tgt Ion: 75 Resp: 122534
Ion Ratio Lower Upper
75 100
53 75.1 61.4 92.2
89 43.4 35.4 53.0



#82
4-Chlorotoluene
Concen: 143.407 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion: 91 Resp: 1267996
Ion Ratio Lower Upper
91 100
126 34.2 18.9 56.9

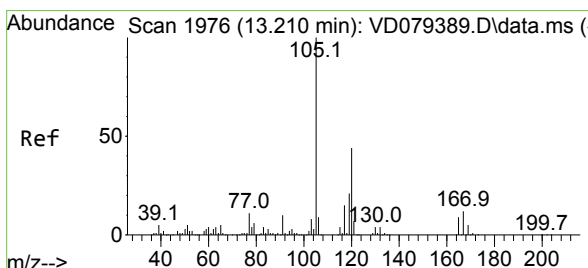
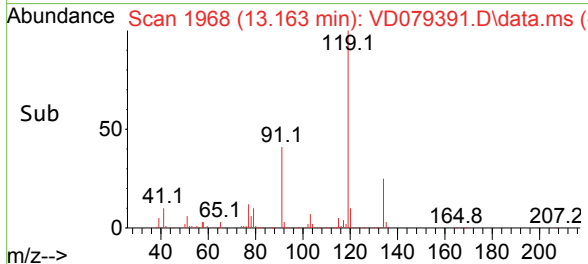
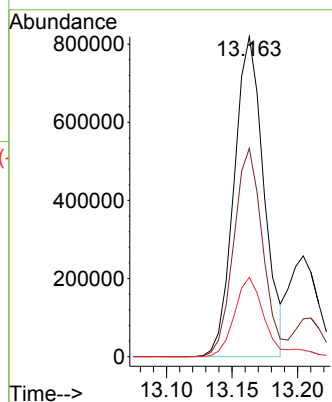
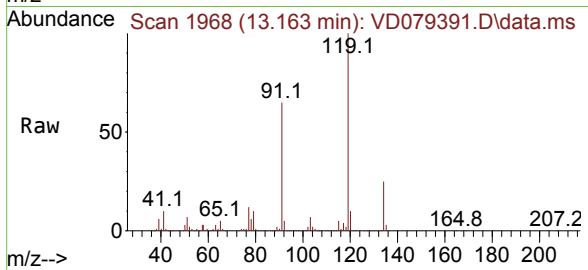




#83
tert-Butylbenzene
Concen: 157.259 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

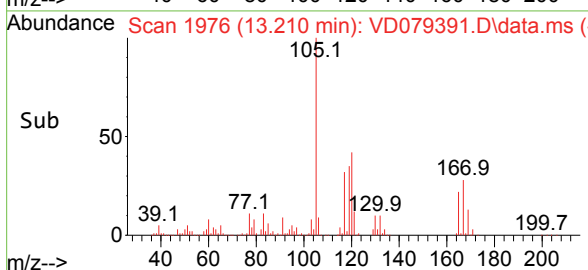
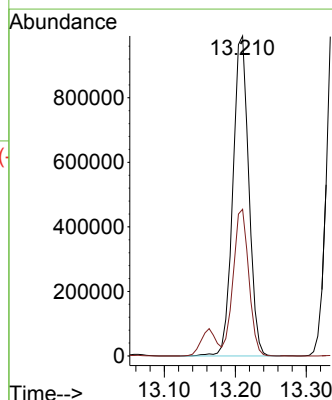
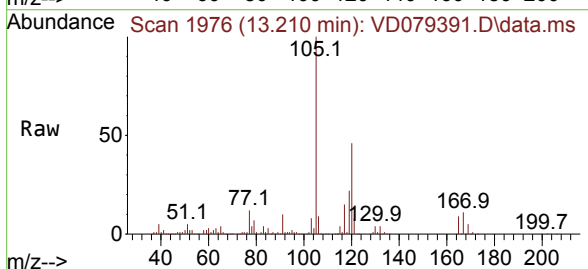
Instrument :
MSVOA_D
ClientSampleId :

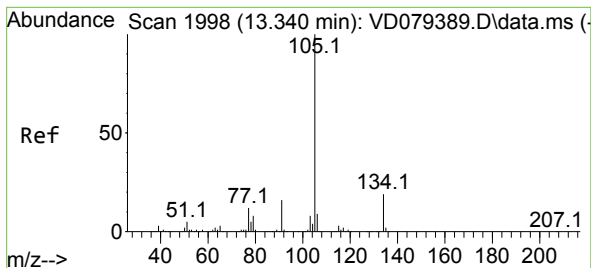
Tgt Ion:119 Resp: 1295786
Ion Ratio Lower Upper
119 100
91 64.1 28.2 84.7
134 25.8 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 156.932 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion:105 Resp: 1542199
Ion Ratio Lower Upper
105 100
120 45.0 23.6 71.0

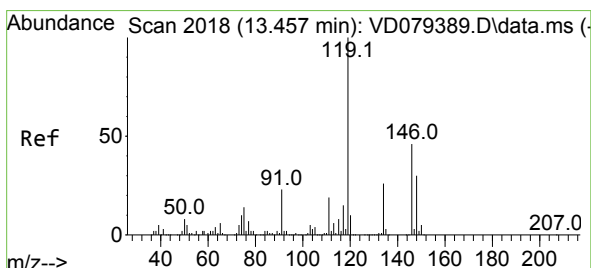
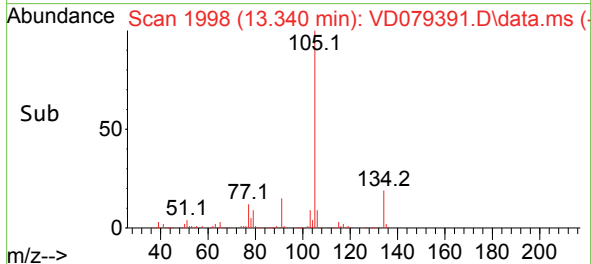
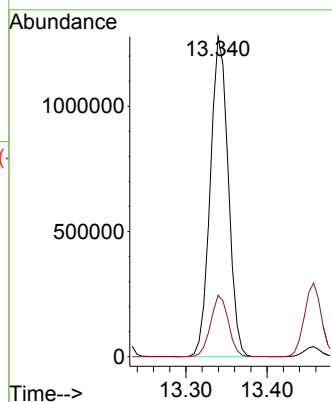
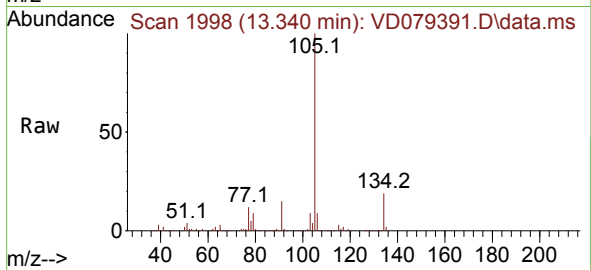




#85
 sec-Butylbenzene
 Concen: 152.381 ug/l
 RT: 13.340 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD079391.D
 Acq: 22 Jul 2024 15:19

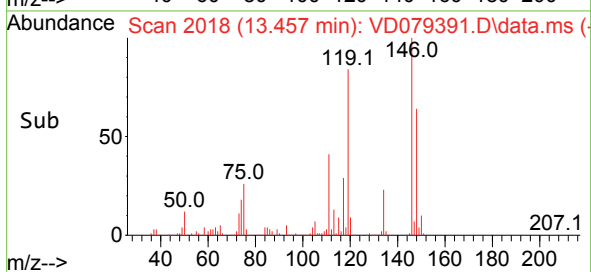
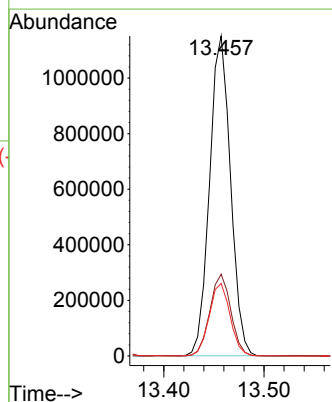
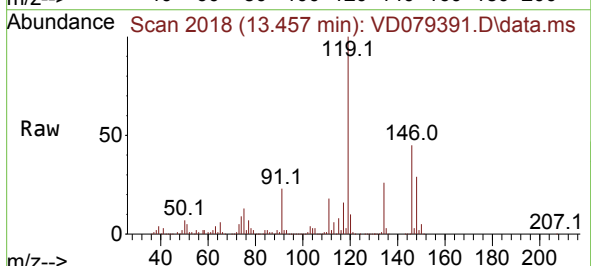
Instrument :
 MSVOA_D
 ClientSampleId :

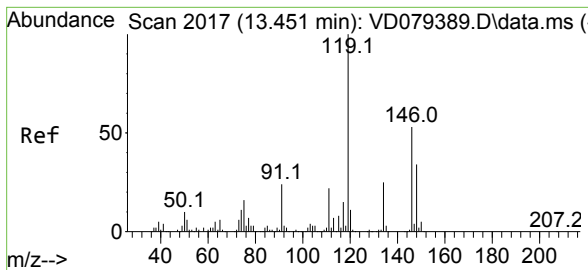
Tgt Ion:105 Resp: 1958950
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 158.855 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD079391.D
 Acq: 22 Jul 2024 15:19

Tgt Ion:119 Resp: 1673526
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.7 41.1
 91 22.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 142.644 ug/l

RT: 13.457 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

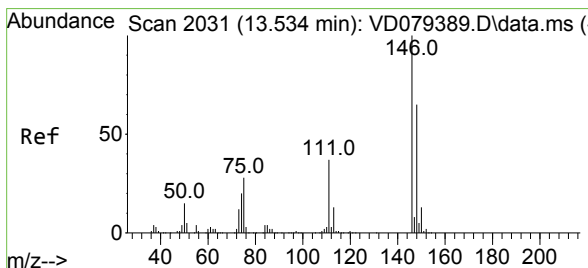
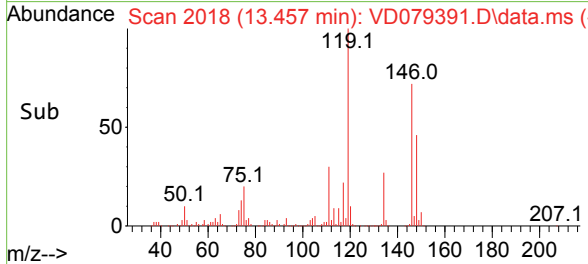
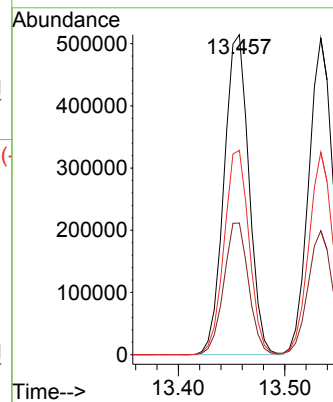
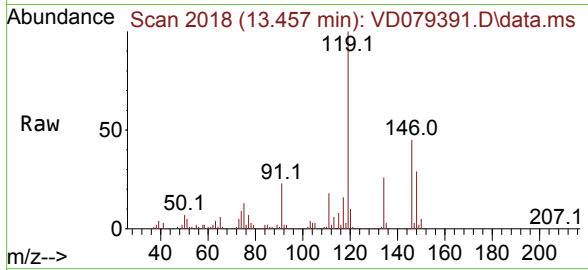
Tgt Ion:146 Resp: 834254

Ion Ratio Lower Upper

146 100

111 41.1 18.5 55.5

148 64.0 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 137.792 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

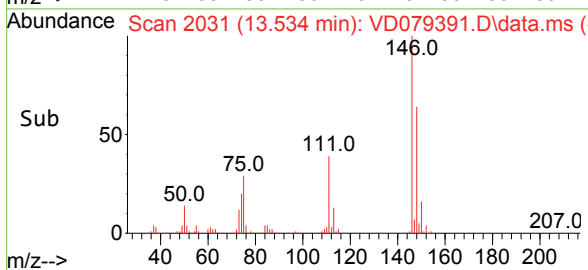
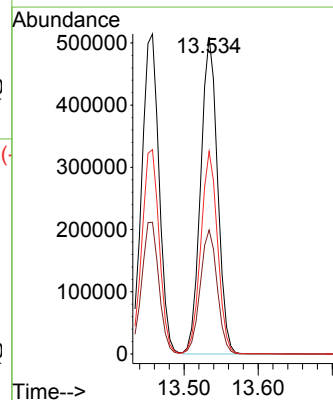
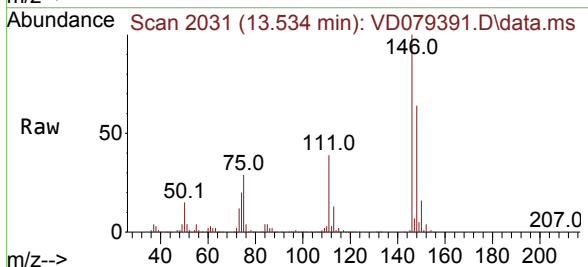
Tgt Ion:146 Resp: 805398

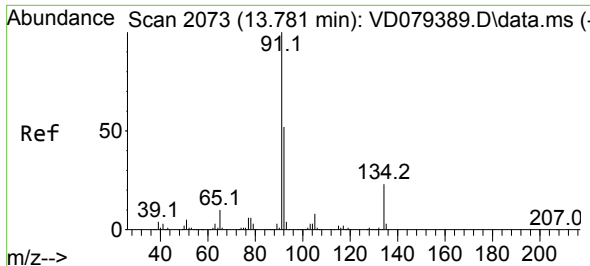
Ion Ratio Lower Upper

146 100

111 39.4 17.5 52.6

148 63.5 31.4 94.2

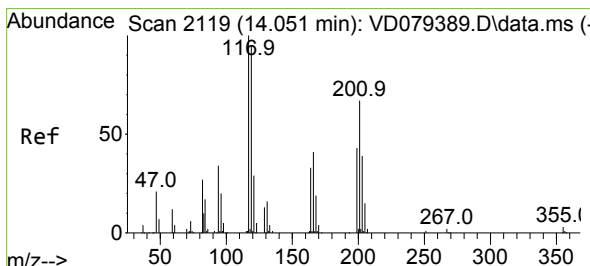
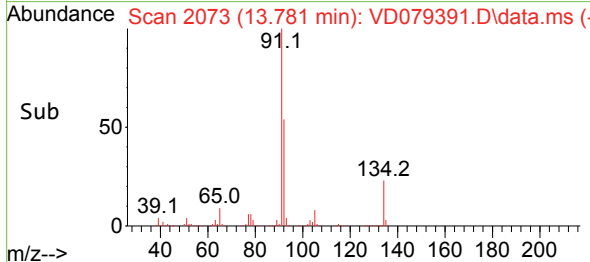
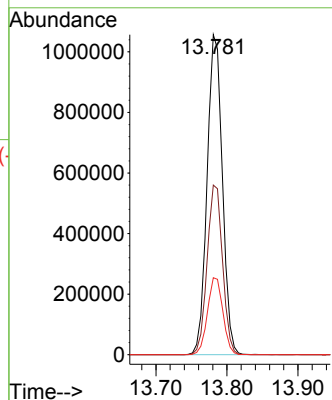
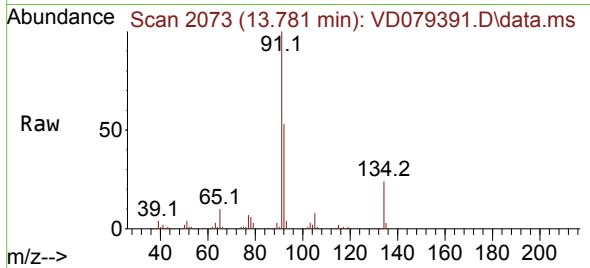




#89
n-Butylbenzene
Concen: 153.813 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

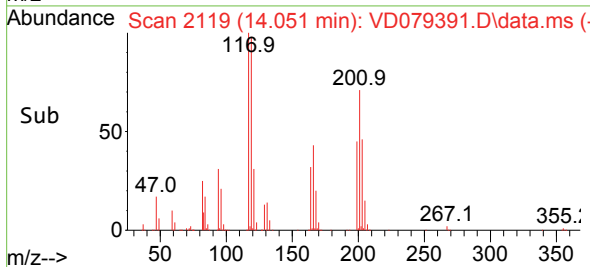
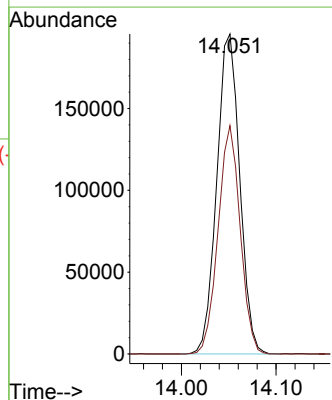
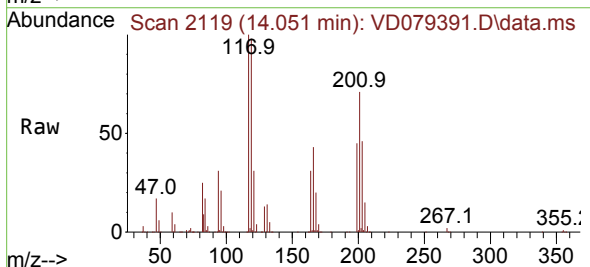
Instrument :
MSVOA_D
ClientSampleId :

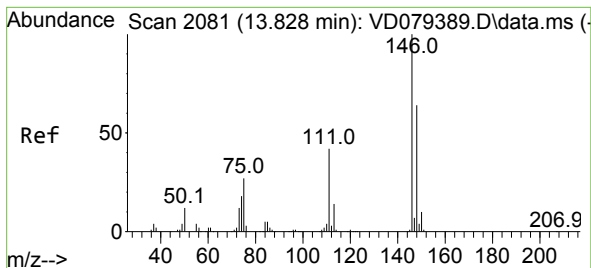
Tgt Ion: 91 Resp: 1583789
Ion Ratio Lower Upper
91 100
92 53.5 25.7 77.0
134 24.3 13.6 40.8



#90
Hexachloroethane
Concen: 139.547 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD079391.D
Acq: 22 Jul 2024 15:19

Tgt Ion: 117 Resp: 329881
Ion Ratio Lower Upper
117 100
201 68.6 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 143.231 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

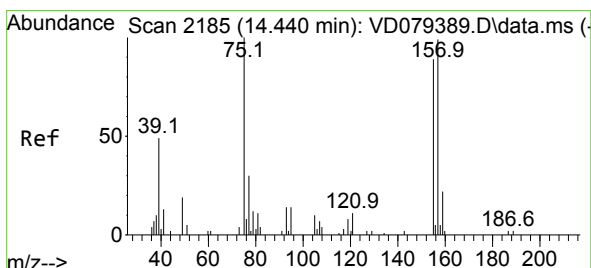
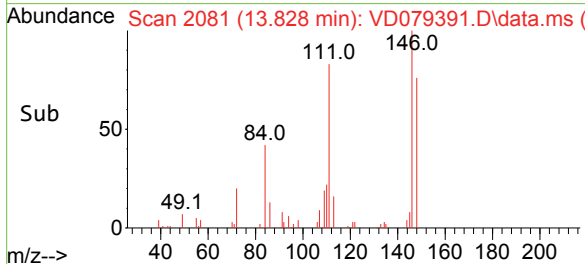
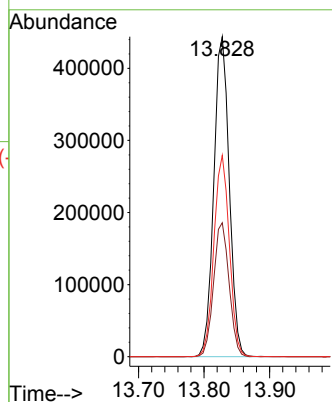
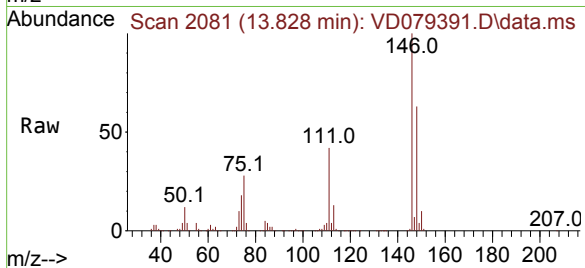
Tgt Ion:146 Resp: 724862

Ion Ratio Lower Upper

146 100

111 42.1 19.1 57.1

148 62.9 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 133.717 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

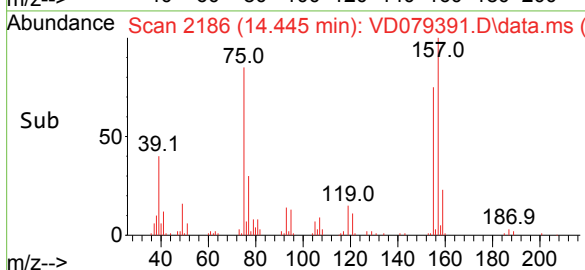
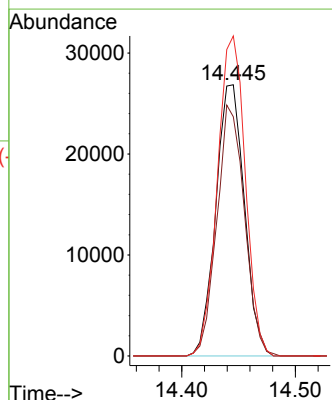
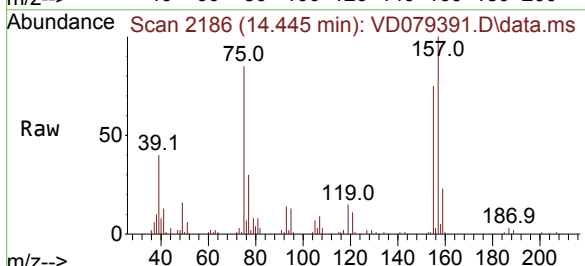
Tgt Ion: 75 Resp: 46938

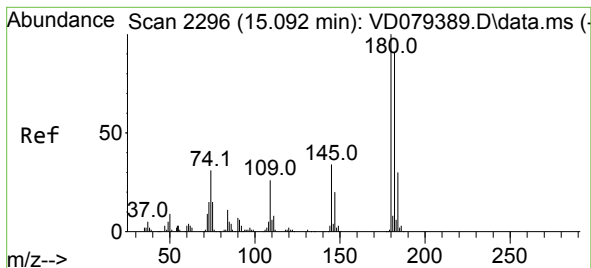
Ion Ratio Lower Upper

75 100

155 89.1 47.7 143.1

157 115.0 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 151.707 ug/l

RT: 15.092 min Scan# 2296

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

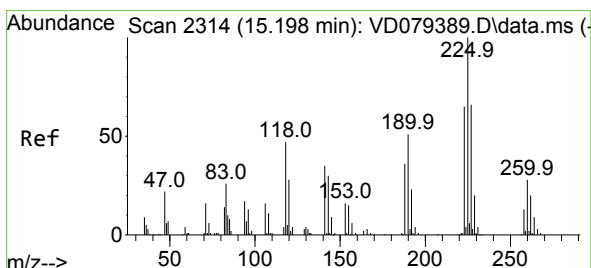
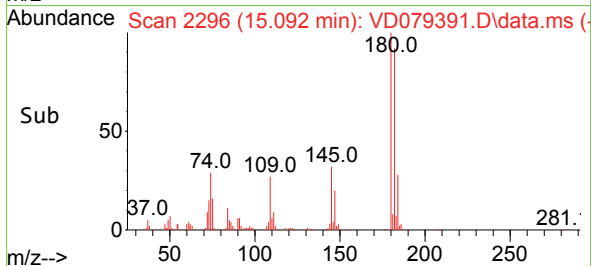
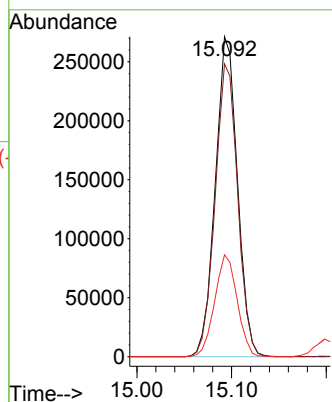
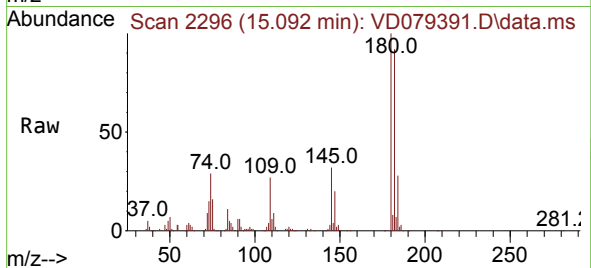
Tgt Ion:180 Resp: 441092

Ion Ratio Lower Upper

180 100

182 93.2 46.9 140.7

145 32.4 14.0 41.9



#94

Hexachlorobutadiene

Concen: 140.032 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

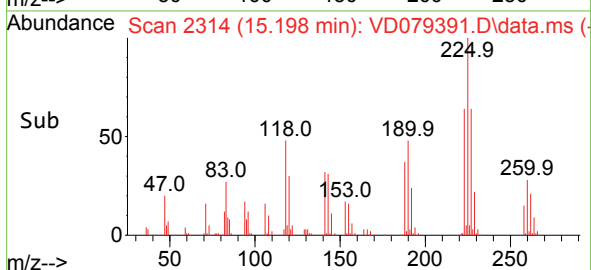
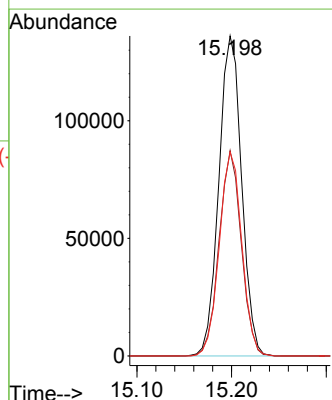
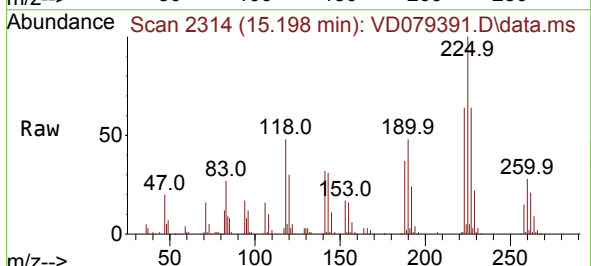
Tgt Ion:225 Resp: 227497

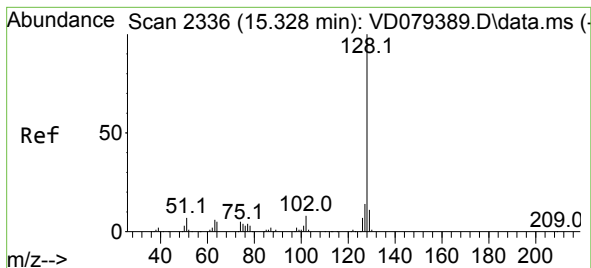
Ion Ratio Lower Upper

225 100

223 62.6 33.3 99.9

227 62.9 33.6 100.6





#95

Naphthalene

Concen: 161.364 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

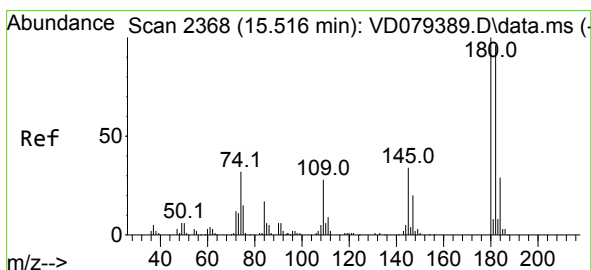
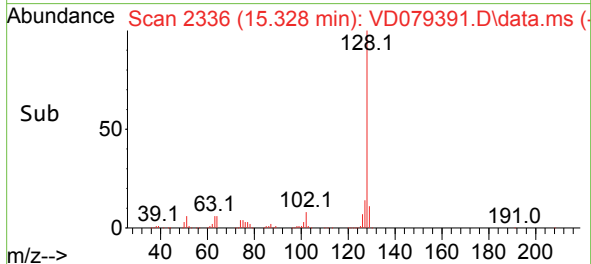
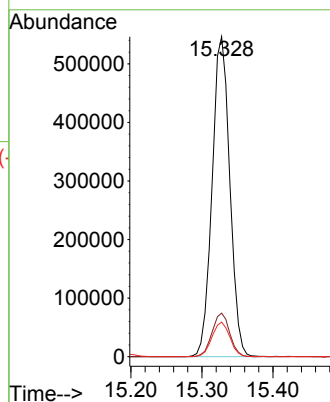
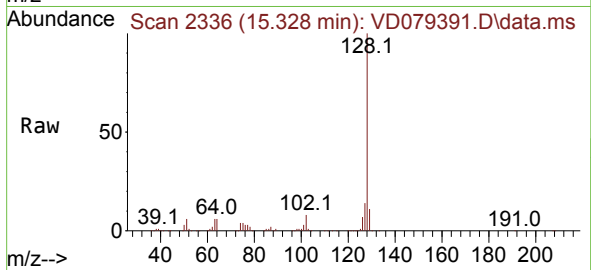
Tgt Ion:128 Resp: 942722

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 145.865 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD079391.D

Acq: 22 Jul 2024 15:19

Tgt Ion:180 Resp: 385034

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.3

145 34.3 16.1 48.2

