

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072924\
 Data File : VD079442.D
 Acq On : 29 Jul 2024 18:07
 Operator : RP/MD
 Sample : VSTDIC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 03:05:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 02:34:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	285662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	462812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	425434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	210008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	281964	97.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 194.320%#	
35) Dibromofluoromethane	7.805	113	300477	95.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 191.840%#	
50) Toluene-d8	10.269	98	1253632	103.055	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 206.100%#	
62) 4-Bromofluorobenzene	12.569	95	368071	104.559	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 209.120%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	208051	92.953	ug/l	97
3) Chloromethane	2.146	50	365472	88.619	ug/l	96
4) Vinyl Chloride	2.281	62	455774	92.948	ug/l	99
5) Bromomethane	2.670	94	299917	99.512	ug/l	98
6) Chloroethane	2.828	64	281493	89.336	ug/l	97
7) Trichlorofluoromethane	3.164	101	450290	92.338	ug/l	93
8) Diethyl Ether	3.593	74	148562	100.852	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	280408	90.916	ug/l	100
10) Methyl Iodide	4.158	142	398519	96.563	ug/l	99
11) Tert butyl alcohol	5.058	59	75914	512.036	ug/l #	83
12) 1,1-Dichloroethene	3.934	96	289802	93.893	ug/l	90
13) Acrolein	3.793	56	119360	507.677	ug/l	97
14) Allyl chloride	4.552	41	403166	98.918	ug/l #	86
15) Acrylonitrile	5.252	53	338099	491.177	ug/l	98
16) Acetone	4.022	43	292813	519.180	ug/l	93
17) Carbon Disulfide	4.264	76	954227	93.659	ug/l	99
18) Methyl Acetate	4.564	43	158301	90.402	ug/l #	86
19) Methyl tert-butyl Ether	5.316	73	650082	103.183	ug/l	99
20) Methylene Chloride	4.793	84	384685	98.848	ug/l	91
21) trans-1,2-Dichloroethene	5.305	96	333510	96.186	ug/l	88
22) Diisopropyl ether	6.216	45	900758	99.329	ug/l #	93
23) Vinyl Acetate	6.152	43	3604041	528.689	ug/l #	91
24) 1,1-Dichloroethane	6.105	63	564372	92.868	ug/l	95
25) 2-Butanone	7.081	43	411318	514.417	ug/l	94
26) 2,2-Dichloropropane	7.075	77	465591	94.717	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	388882	98.121	ug/l	90
28) Bromochloromethane	7.422	49	250035	93.825	ug/l #	73
29) Tetrahydrofuran	7.446	42	257987	520.635	ug/l #	84
30) Chloroform	7.593	83	569921	92.607	ug/l	97
31) Cyclohexane	7.875	56	449641	93.292	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	472345	93.013	ug/l	98
36) 1,1-Dichloropropene	8.005	75	422146	98.734	ug/l	96
37) Ethyl Acetate	7.169	43	185432	105.780	ug/l #	94
38) Carbon Tetrachloride	7.993	117	423892	94.311	ug/l	98
39) Methylcyclohexane	9.269	83	538676	105.594	ug/l	94
40) Benzene	8.252	78	1313860	96.750	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	101739	105.511	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	308708	95.397	ug/l	96
43) Isopropyl Acetate	8.363	43	342376	103.920	ug/l #	93
44) Trichloroethene	9.028	130	326747	96.656	ug/l	95
45) 1,2-Dichloropropane	9.305	63	321086	97.158	ug/l	96
46) Dibromomethane	9.393	93	175870	95.994	ug/l	97
47) Bromodichloromethane	9.581	83	431740	95.973	ug/l	98
48) Methyl methacrylate	9.381	41	159872	108.429	ug/l	84
49) 1,4-Dioxane	9.381	88	39724	2092.511	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	899936	535.021	ug/l	95
52) Toluene	10.328	92	848973	101.084	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	424157	102.100	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	501635	100.387	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	233382	96.702	ug/l	95
56) Ethyl methacrylate	10.593	69	317540	111.044	ug/l	91
57) 1,3-Dichloropropane	10.875	76	407896	99.461	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	742535	563.054	ug/l	91
59) 2-Hexanone	10.916	43	661381	563.786	ug/l	96
60) Dibromochloromethane	11.075	129	304817	96.684	ug/l	98
61) 1,2-Dibromoethane	11.175	107	219261	96.977	ug/l	95
64) Tetrachloroethene	10.804	164	279411	97.400	ug/l	96
65) Chlorobenzene	11.604	112	924259	98.109	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	306980	99.041	ug/l	97
67) Ethyl Benzene	11.681	91	1612494	104.556	ug/l	97
68) m/p-Xylenes	11.787	106	1267445	207.147	ug/l	94
69) o-Xylene	12.116	106	595977	106.267	ug/l	92
70) Styrene	12.134	104	1031466	104.905	ug/l	97
71) Bromoform	12.298	173	172463	98.425	ug/l #	98
73) Isopropylbenzene	12.416	105	1499159	92.025	ug/l	100
74) N-amyl acetate	12.228	43	342801	110.980	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	267687	98.118	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	346503	188.066	ug/l #	100
77) Bromobenzene	12.698	156	349636	99.290	ug/l	89
78) n-propylbenzene	12.757	91	1843468	105.013	ug/l	97
79) 2-Chlorotoluene	12.845	91	993372	101.627	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	1230742	105.206	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	104543	108.620	ug/l	97
82) 4-Chlorotoluene	12.945	91	1030367	101.116	ug/l	97
83) tert-Butylbenzene	13.163	119	1090949	92.918	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	1260466	92.630	ug/l	99
85) sec-Butylbenzene	13.340	105	1646228	105.800	ug/l	100
86) p-Isopropyltoluene	13.457	119	1418343	92.725	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	714184	97.911	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	683272	95.279	ug/l	98
89) n-Butylbenzene	13.781	91	1309350	92.800	ug/l	97
90) Hexachloroethane	14.051	117	274276	100.780	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	605028	97.053	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	36676	101.033	ug/l	96
93) 1,2,4-Trichlorobenzene	15.092	180	404151	102.896	ug/l	99
94) Hexachlorobutadiene	15.198	225	214861	101.356	ug/l	96
95) Naphthalene	15.328	128	764612	112.473	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	351810	101.825	ug/l	99

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 30 03:05:20 2024
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Quant Title : SW846 8260
QLast Update : Tue Jul 30 02:34:50 2024
Response via : Initial Calibration

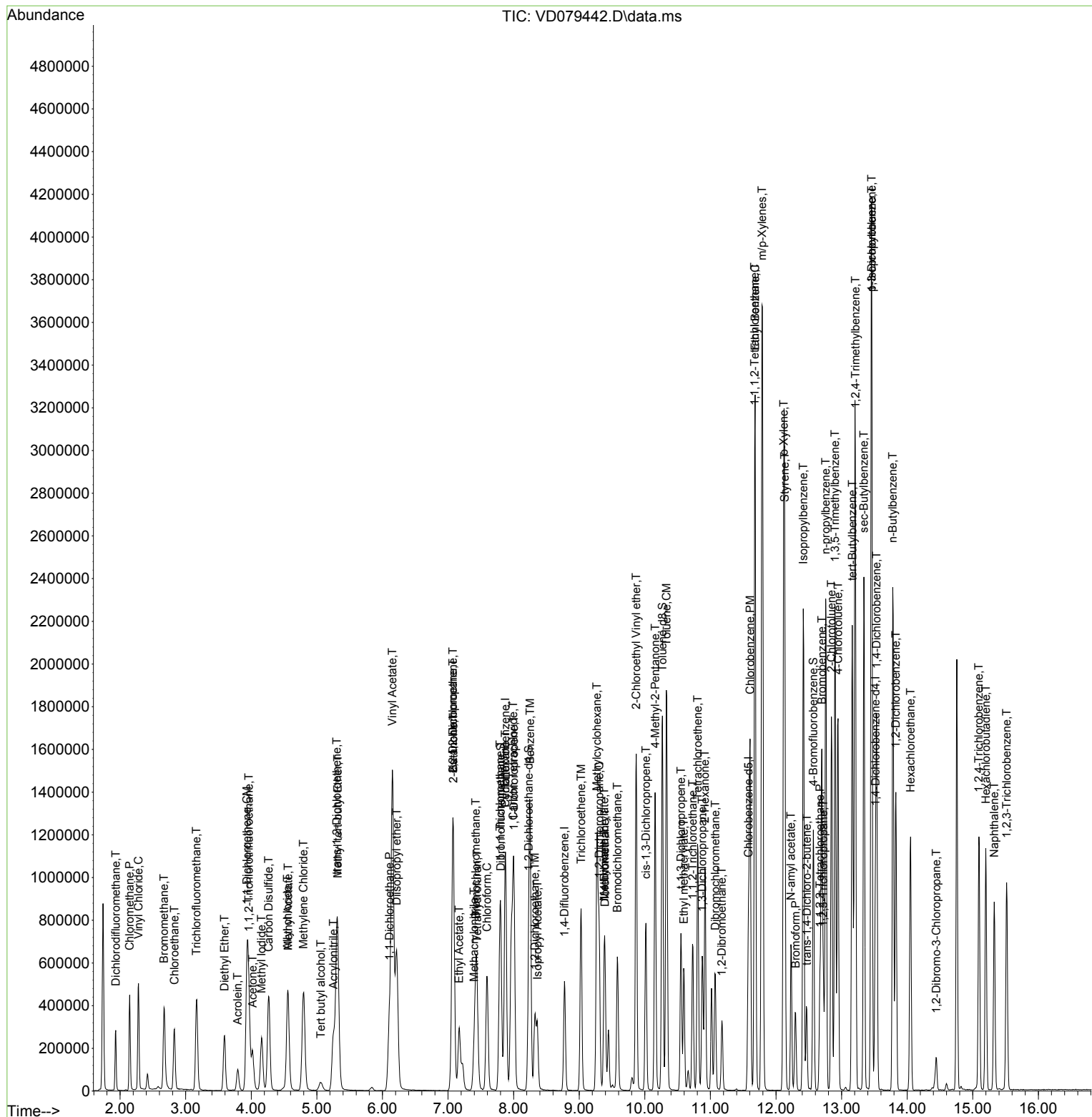
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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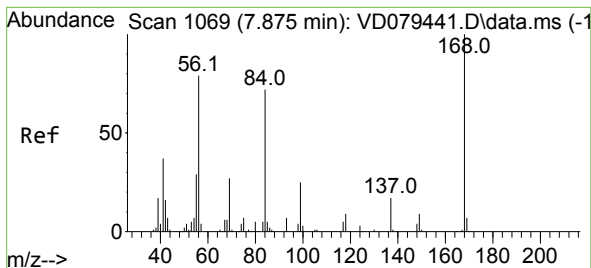
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

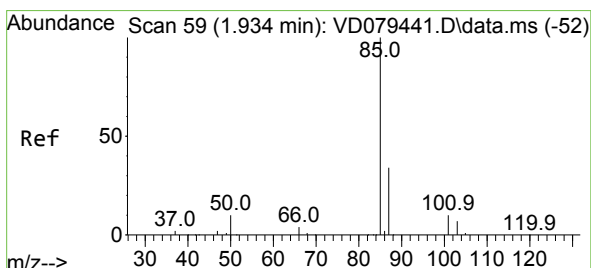
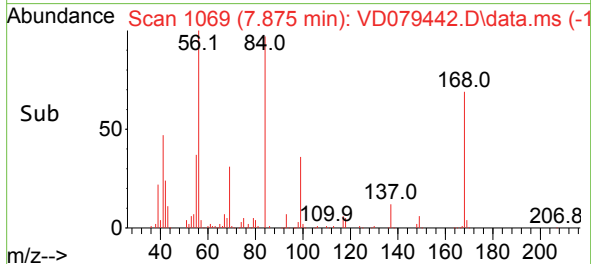
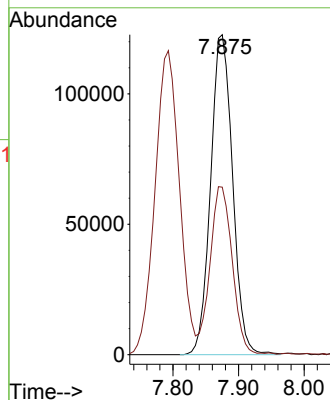
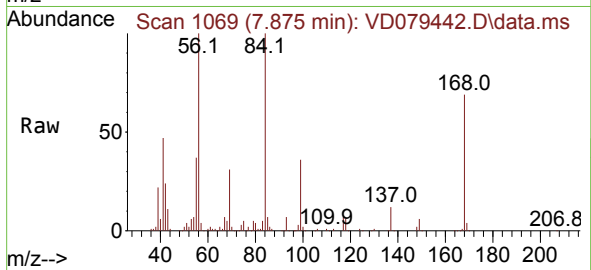
ClientSampleId :

Tgt Ion:168 Resp: 285662

Ion Ratio Lower Upper

168 100

99 52.1 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 92.953 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD079442.D

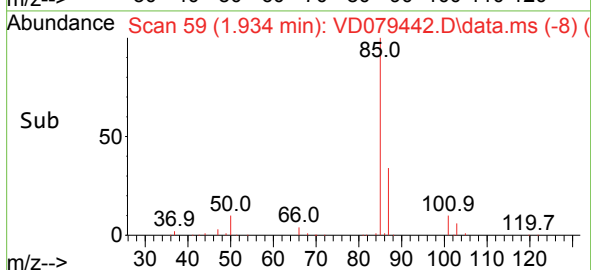
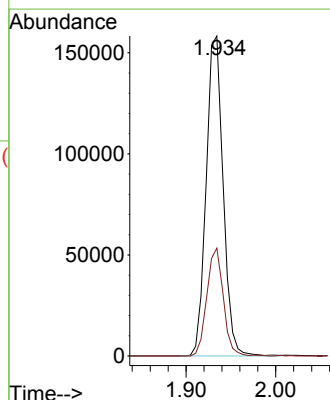
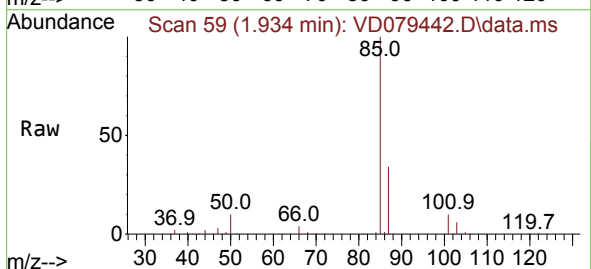
Acq: 29 Jul 2024 18:07

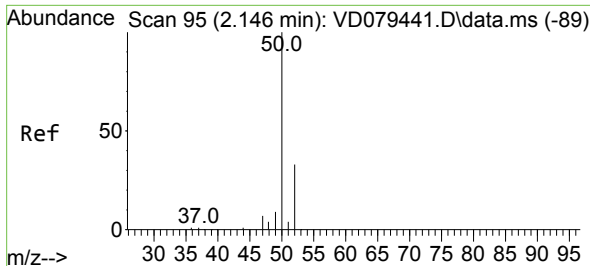
Tgt Ion: 85 Resp: 208051

Ion Ratio Lower Upper

85 100

87 33.7 16.0 48.0

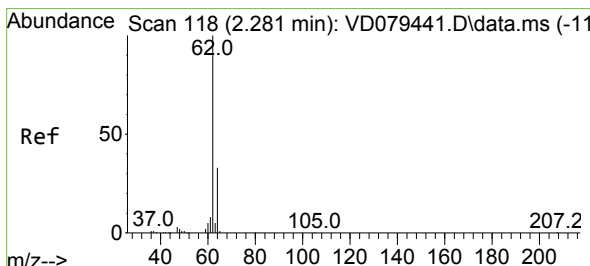
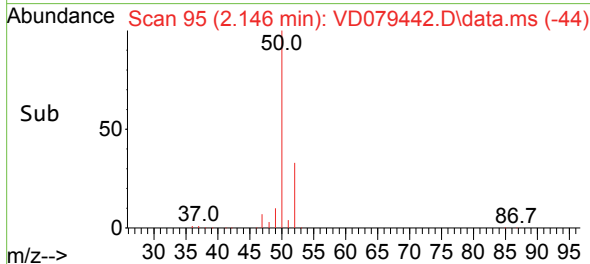
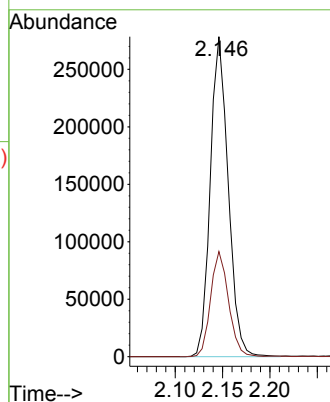
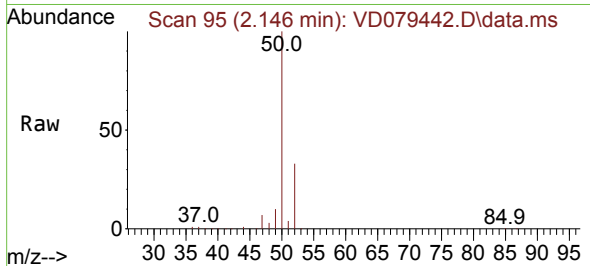




#3
Chloromethane
Concen: 88.619 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

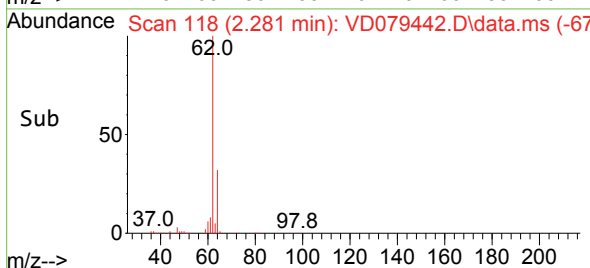
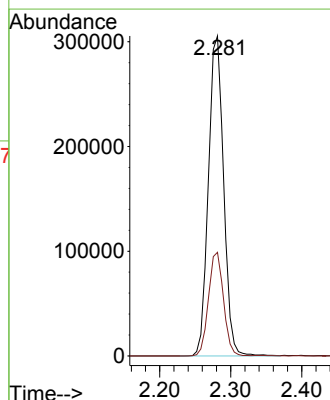
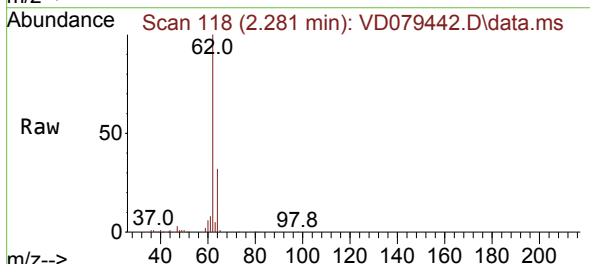
Instrument :
MSVOA_D
ClientSampleId :

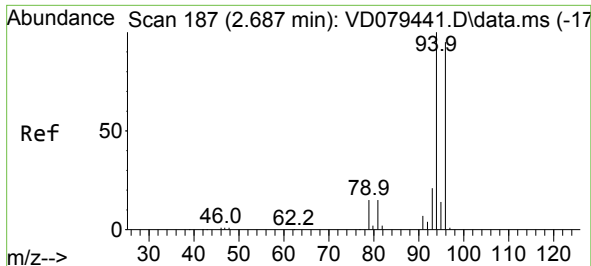
Tgt Ion: 50 Resp: 365472
Ion Ratio Lower Upper
50 100
52 32.8 28.2 42.2



#4
Vinyl Chloride
Concen: 92.948 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion: 62 Resp: 455774
Ion Ratio Lower Upper
62 100
64 32.4 26.3 39.5

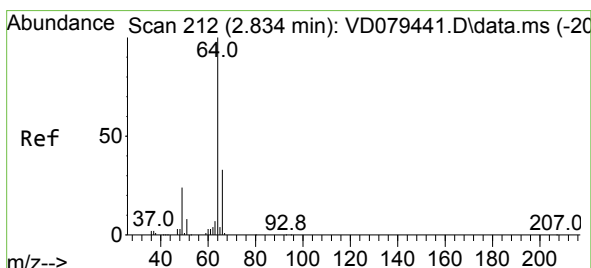
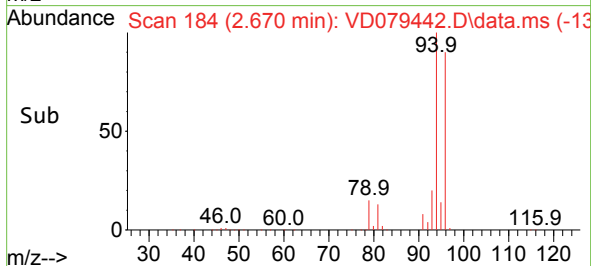
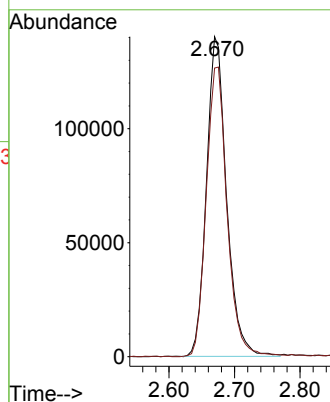
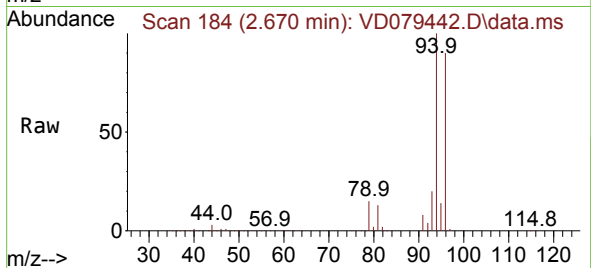




#5
Bromomethane
Concen: 99.512 ug/l
RT: 2.670 min Scan# 11
Delta R.T. -0.017 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

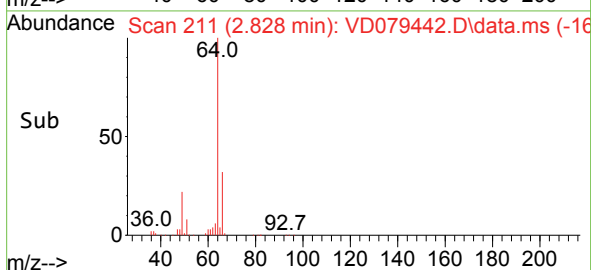
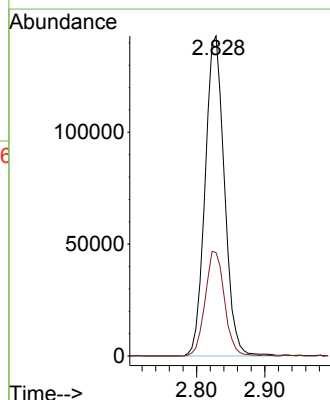
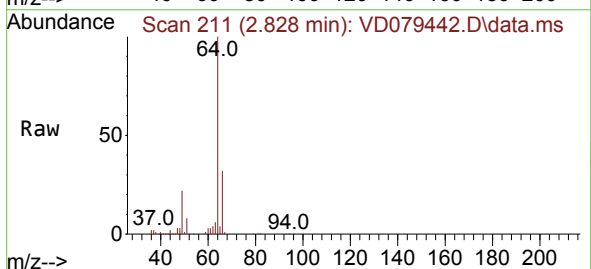
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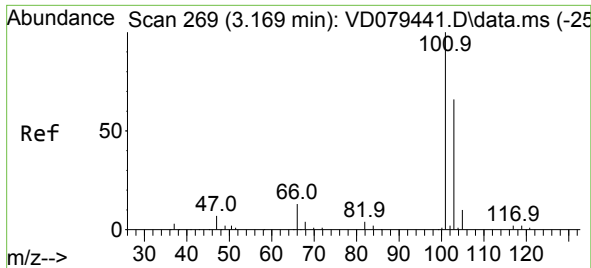
Tgt Ion: 94 Resp: 299917
Ion Ratio Lower Upper
94 100
96 94.0 76.9 115.3



#6
Chloroethane
Concen: 89.336 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion: 64 Resp: 281493
Ion Ratio Lower Upper
64 100
66 32.3 24.5 36.7

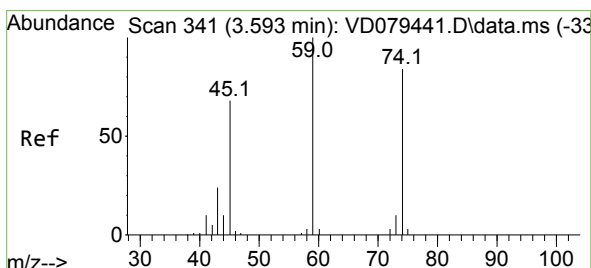
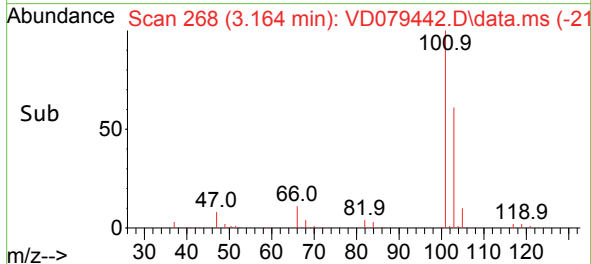
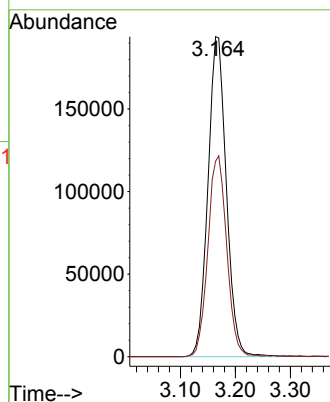
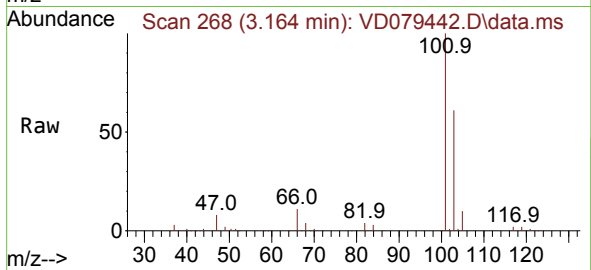




#7
Trichlorofluoromethane
Concen: 92.338 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

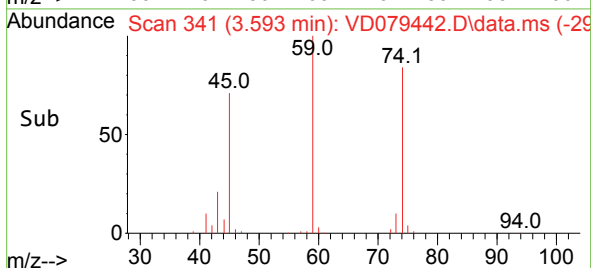
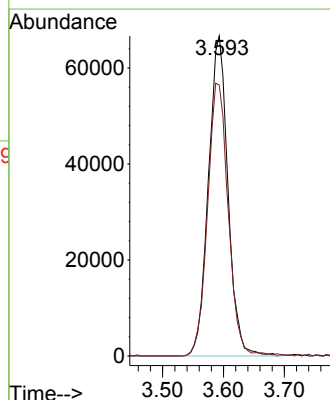
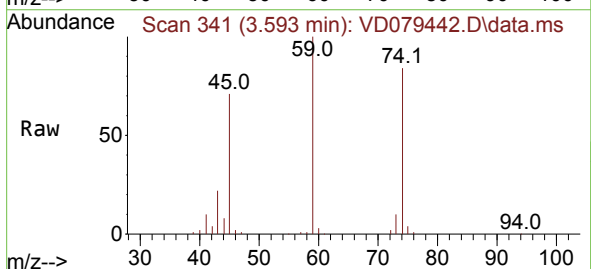
Instrument :
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ClientSampleId :

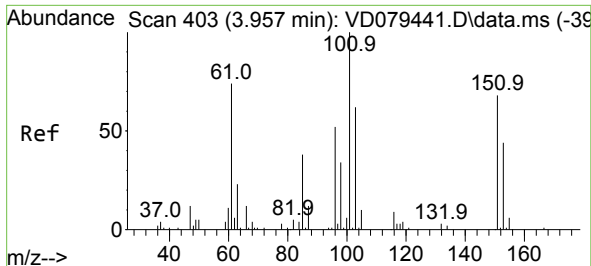
Tgt Ion:101 Resp: 450290
Ion Ratio Lower Upper
101 100
103 61.0 53.2 79.8



#8
Diethyl Ether
Concen: 100.852 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion: 74 Resp: 148562
Ion Ratio Lower Upper
74 100
45 89.8 37.9 113.6

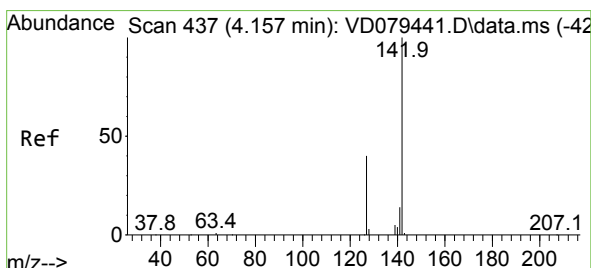
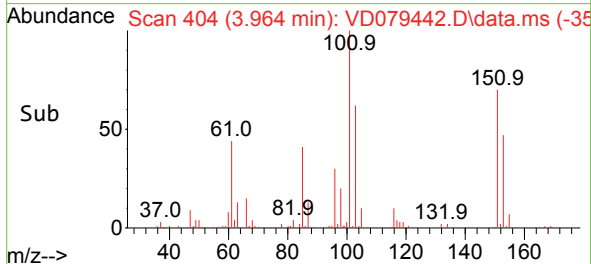
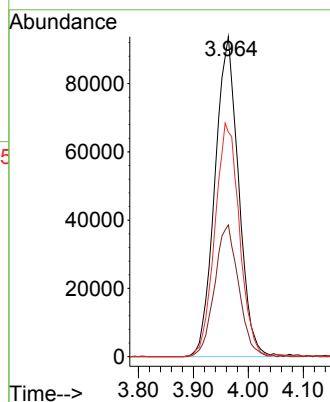
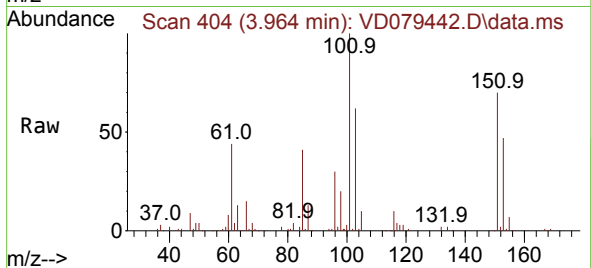




#9
1,1,2-Trichlorotrifluoroethane
Concen: 90.916 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

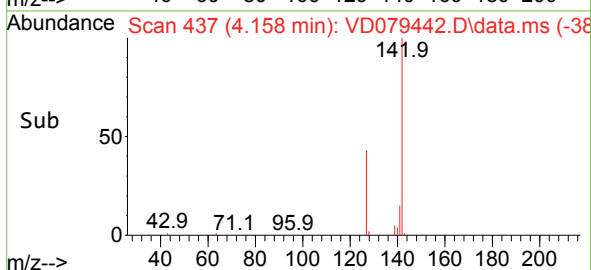
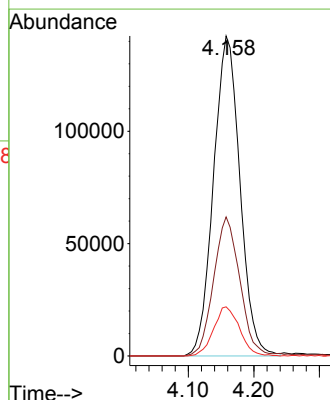
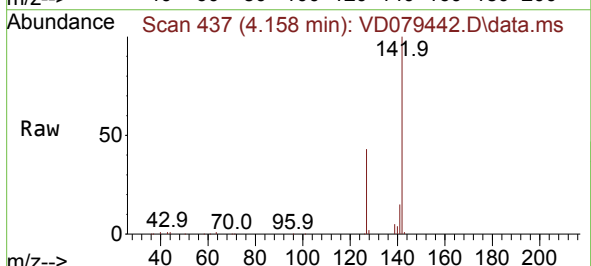
Instrument :
MSVOA_D
ClientSampleId :

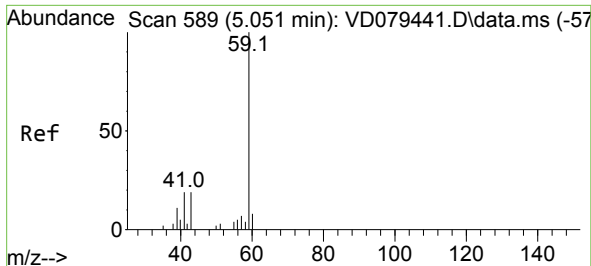
Tgt Ion:101 Resp: 280408
Ion Ratio Lower Upper
101 100
85 41.9 33.5 50.3
151 75.6 60.3 90.5



#10
Methyl Iodide
Concen: 96.563 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.001 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion:142 Resp: 398519
Ion Ratio Lower Upper
142 100
127 43.4 34.2 51.4
141 15.1 11.7 17.5





#11

Tert butyl alcohol

Concen: 512.036 ug/l

RT: 5.058 min Scan# 589

Delta R.T. 0.007 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

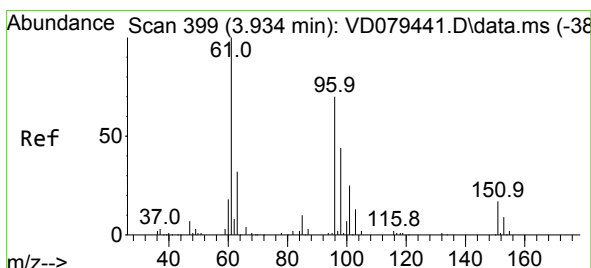
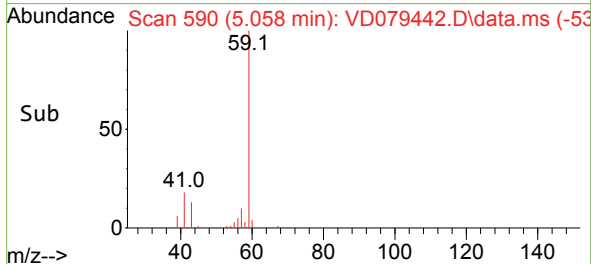
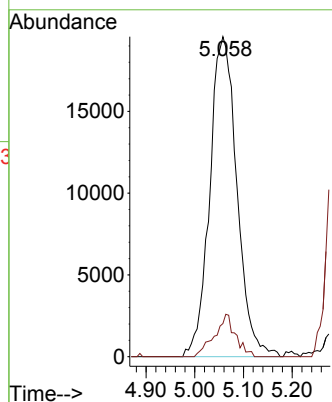
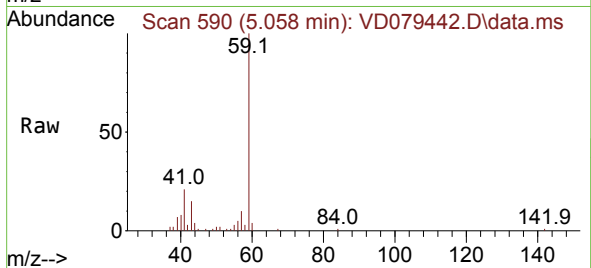
ClientSampleId :

Tgt Ion: 59 Resp: 75914

Ion Ratio Lower Upper

59 100

57 10.2 3.6 5.4#



#12

1,1-Dichloroethene

Concen: 93.893 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

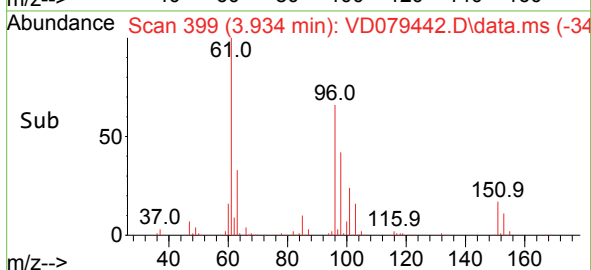
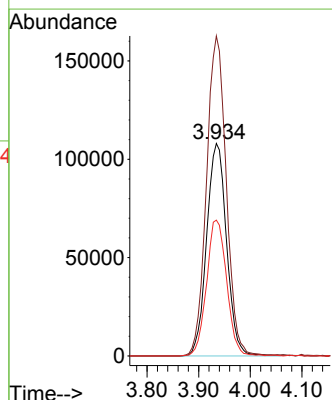
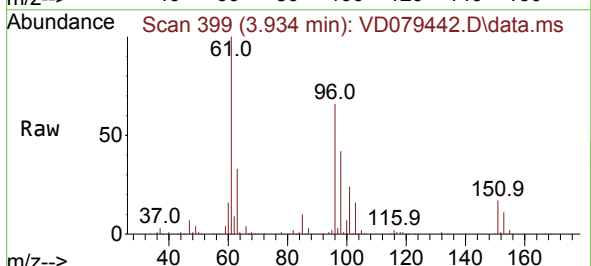
Tgt Ion: 96 Resp: 289802

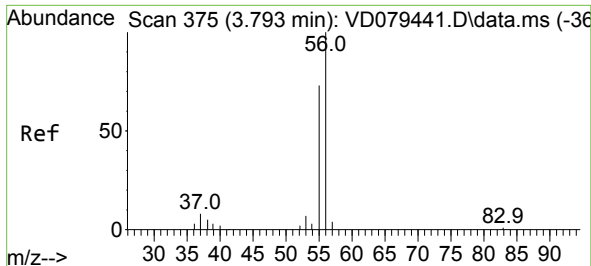
Ion Ratio Lower Upper

96 100

61 150.6 107.3 160.9

98 63.9 51.7 77.5





#13

Acrolein

Concen: 507.677 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

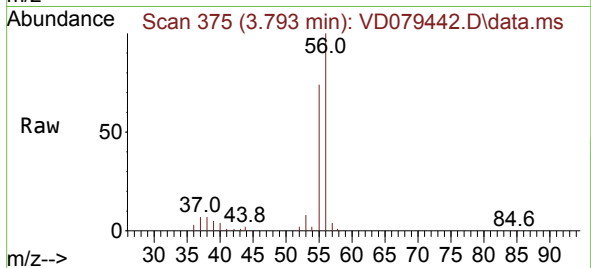
Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

ClientSampleId :

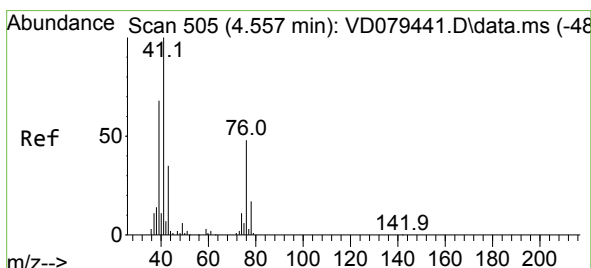
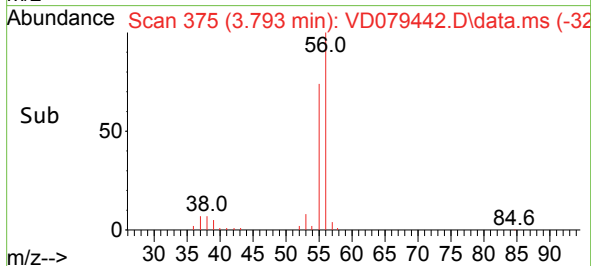
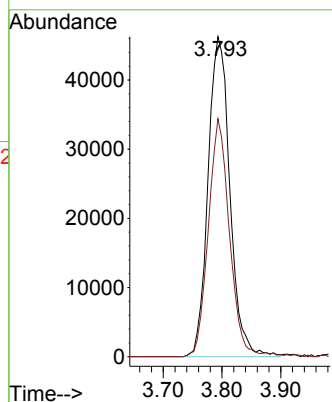


Tgt Ion: 56 Resp: 119360

Ion Ratio Lower Upper

56 100

55 71.4 55.3 82.9



#14

Allyl chloride

Concen: 98.918 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.006 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

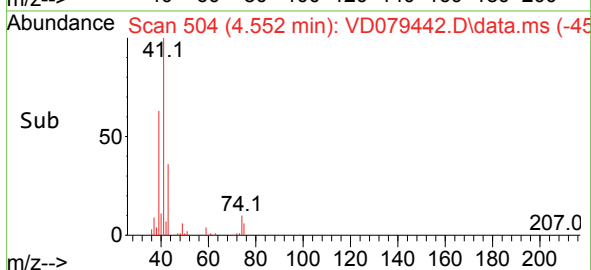
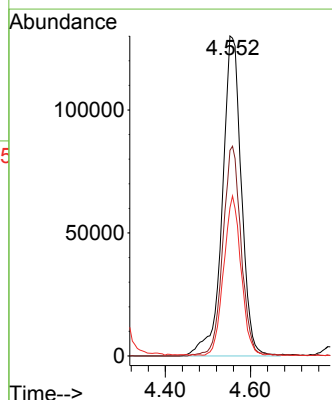
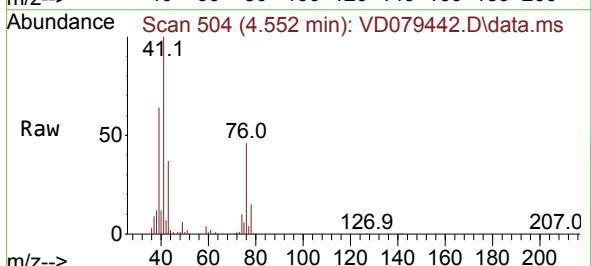
Tgt Ion: 41 Resp: 403166

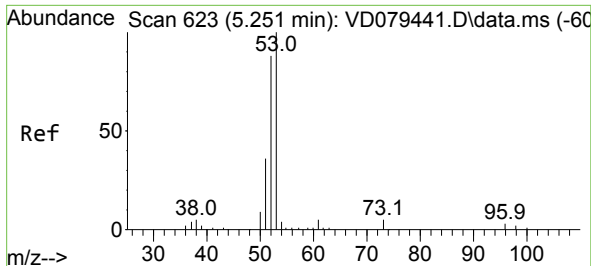
Ion Ratio Lower Upper

41 100

39 63.1 58.0 87.0

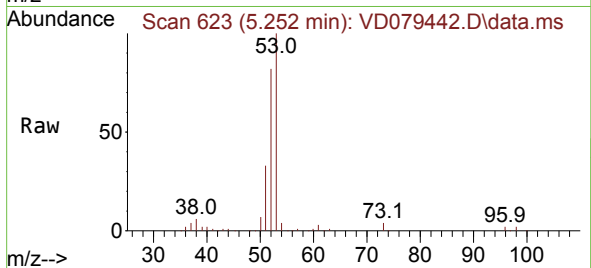
76 45.3 45.9 68.9#



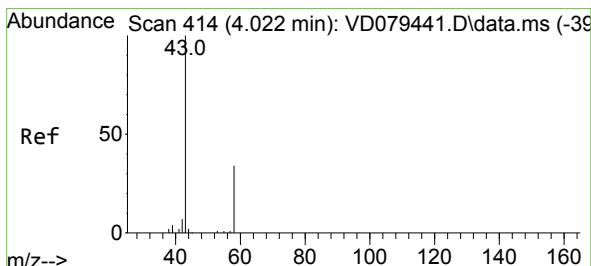
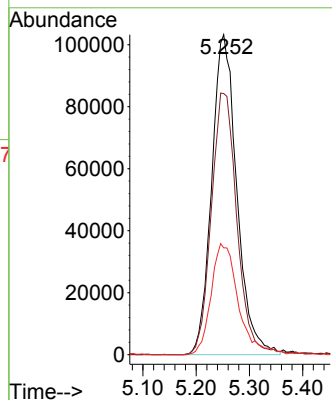
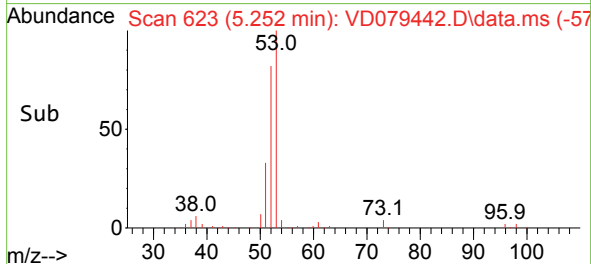


#15
Acrylonitrile
Concen: 491.177 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Instrument :
MSVOA_D
ClientSampleId :

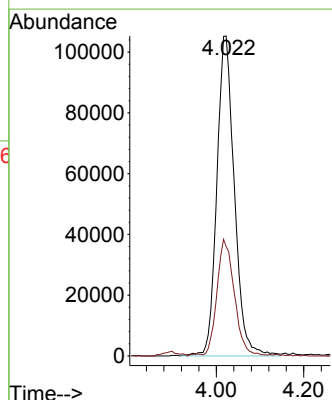
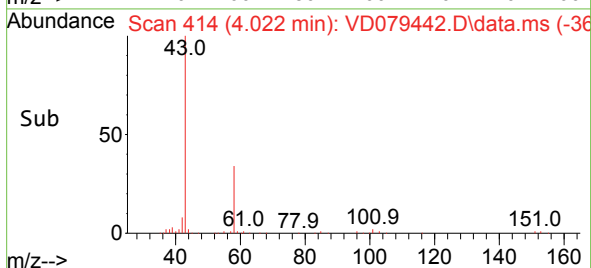
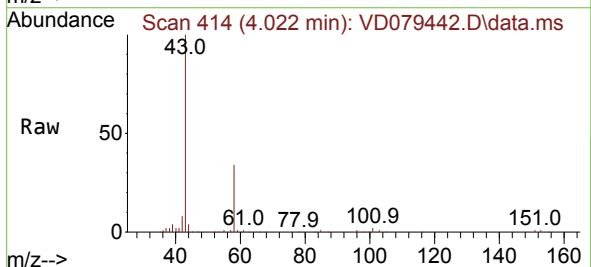


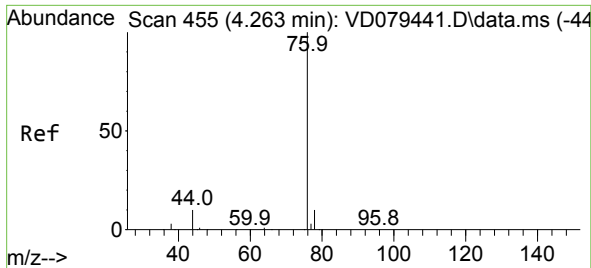
Tgt Ion: 53 Resp: 338099
Ion Ratio Lower Upper
53 100
52 83.2 67.7 101.5
51 37.6 28.6 42.8



#16
Acetone
Concen: 519.180 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion: 43 Resp: 292813
Ion Ratio Lower Upper
43 100
58 34.0 30.4 45.6

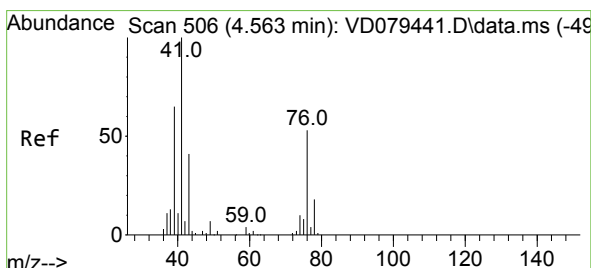
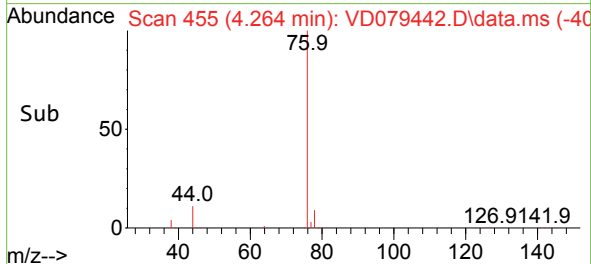
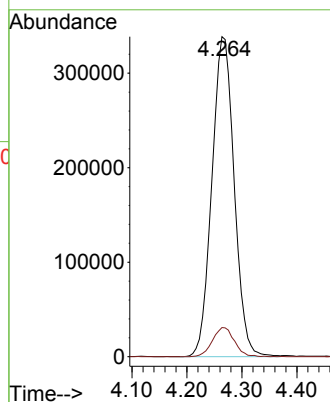
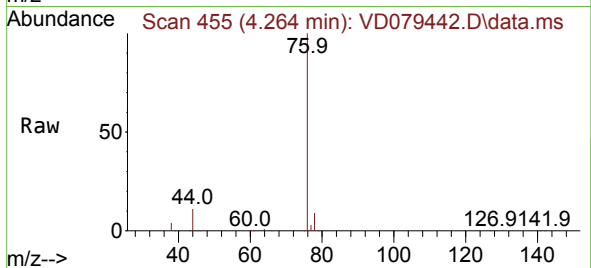




#17
Carbon Disulfide
Concen: 93.659 ug/l
RT: 4.264 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

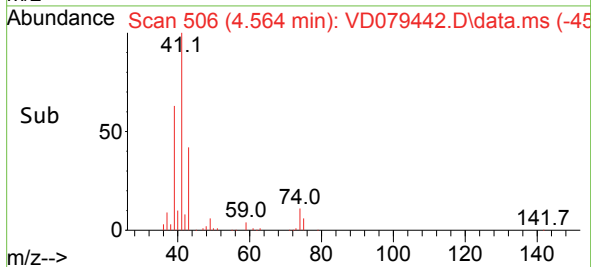
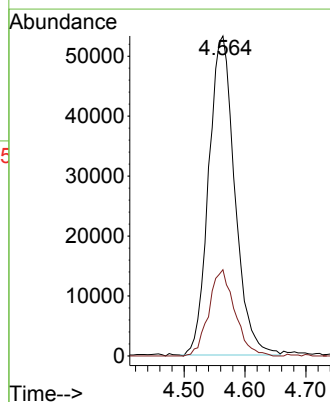
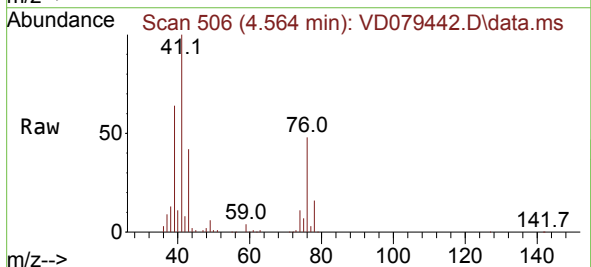
Instrument :
MSVOA_D
ClientSampleId :

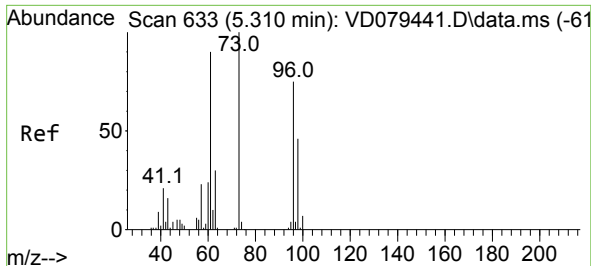
Tgt Ion: 76 Resp: 954227
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 90.402 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion: 43 Resp: 158301
Ion Ratio Lower Upper
43 100
74 26.9 28.1 42.1#

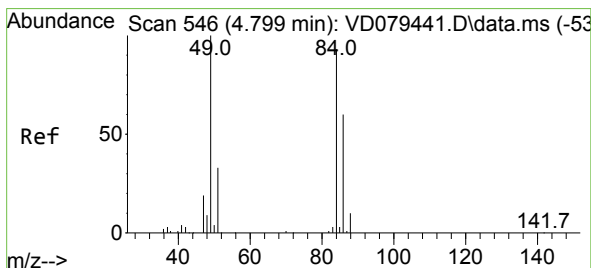
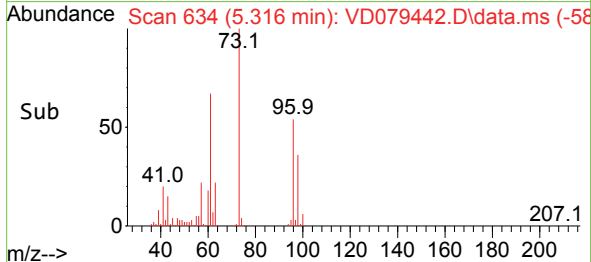
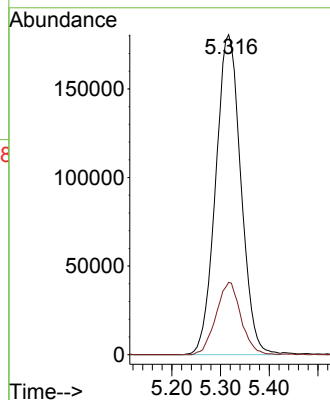
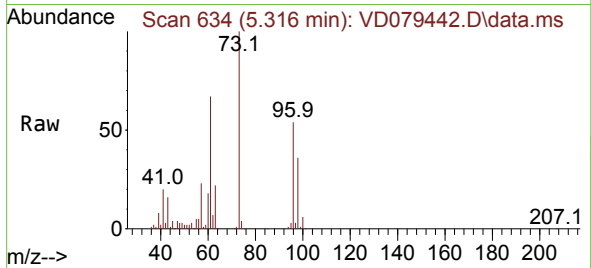




#19
Methyl tert-butyl Ether
Concen: 103.183 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

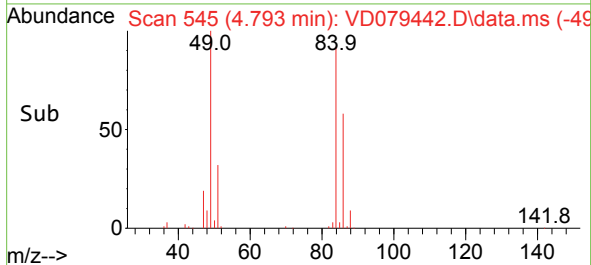
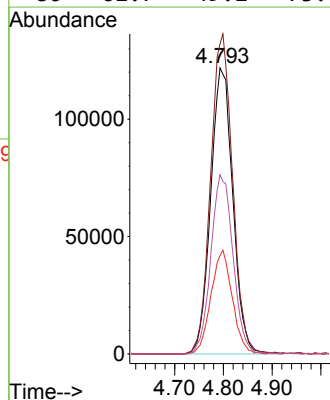
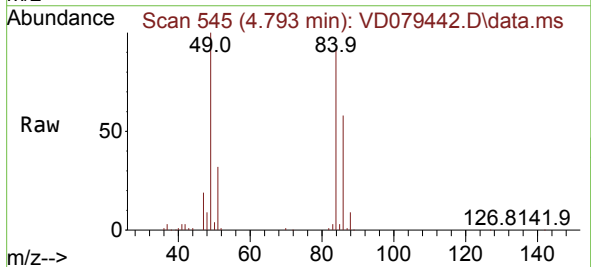
Instrument :
MSVOA_D
ClientSampleId :

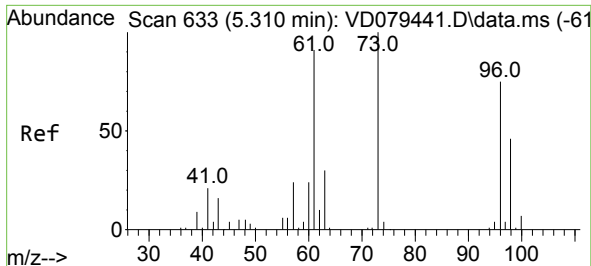
Tgt Ion: 73 Resp: 650082
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5



#20
Methylene Chloride
Concen: 98.848 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion: 84 Resp: 384685
Ion Ratio Lower Upper
84 100
49 108.4 75.6 113.4
51 34.4 24.2 36.2
86 62.7 49.2 73.8





#21

trans-1,2-Dichloroethene

Concen: 96.186 ug/l

RT: 5.305 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

ClientSampleId :

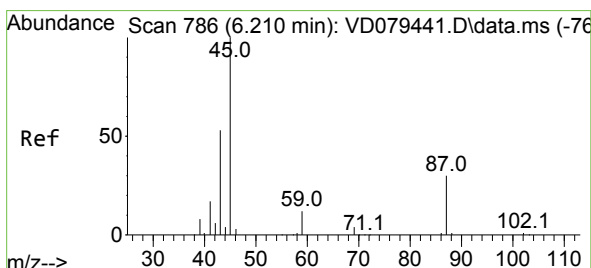
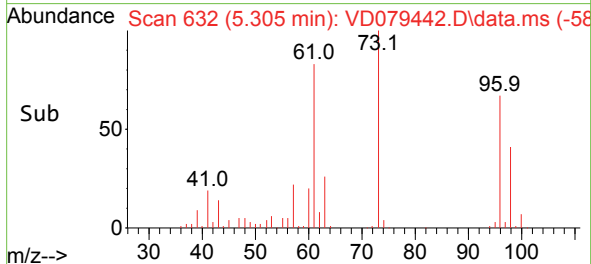
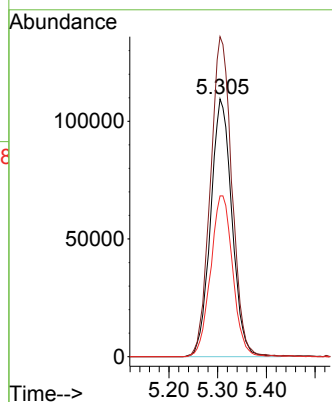
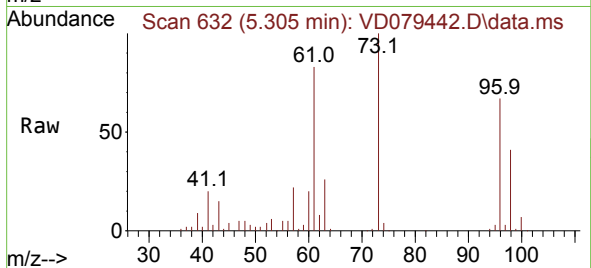
Tgt Ion: 96 Resp: 333510

Ion Ratio Lower Upper

96 100

61 124.1 84.5 126.7

98 62.3 50.5 75.7



#22

Diisopropyl ether

Concen: 99.329 ug/l

RT: 6.216 min Scan# 787

Delta R.T. 0.006 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Tgt Ion: 45 Resp: 900758

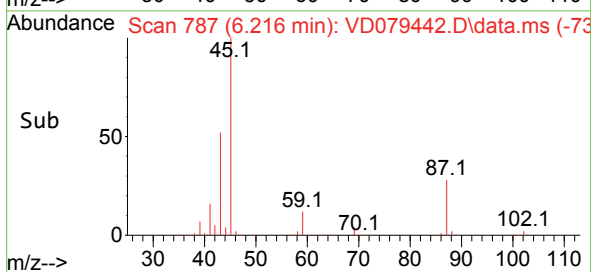
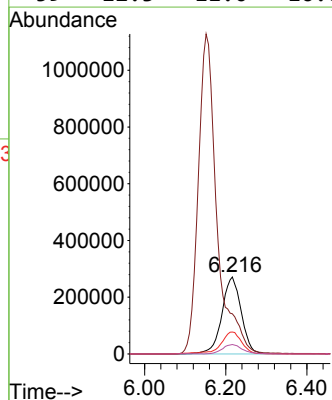
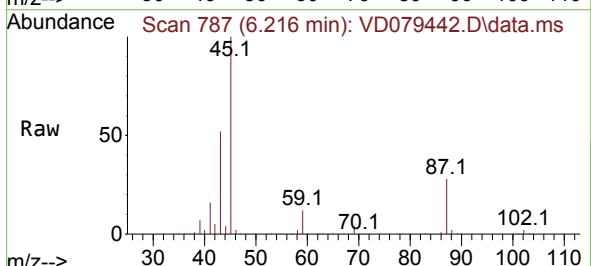
Ion Ratio Lower Upper

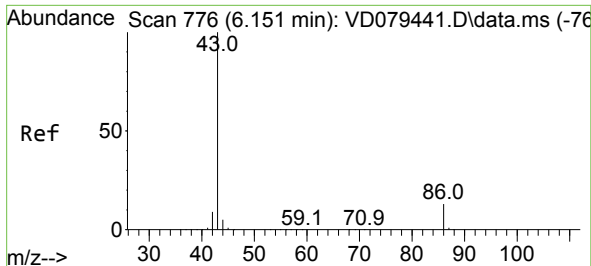
45 100

43 51.6 41.7 62.5

87 28.3 30.2 45.2#

59 12.3 11.0 16.6

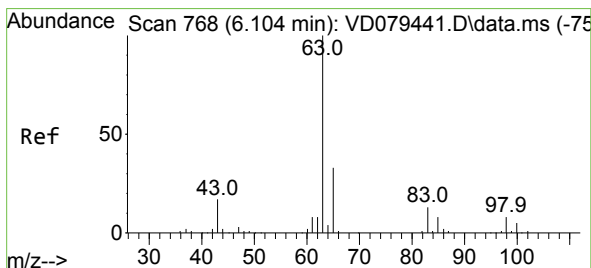
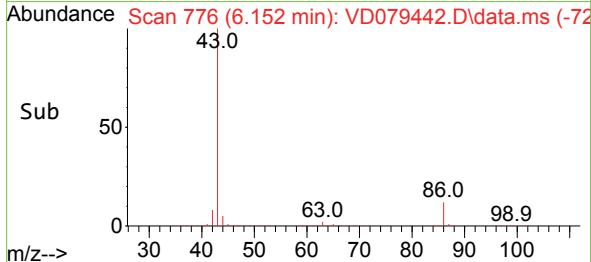
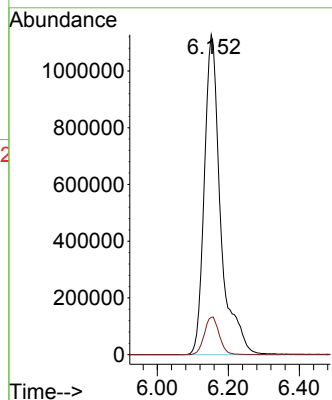
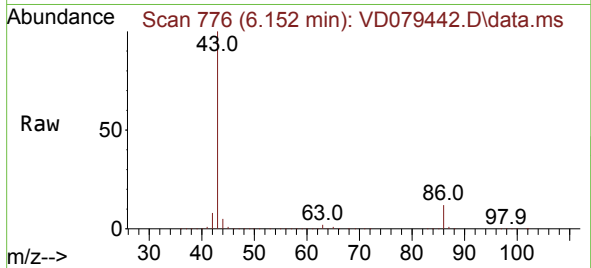




#23
 Vinyl Acetate
 Concen: 528.689 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD079442.D
 Acq: 29 Jul 2024 18:07

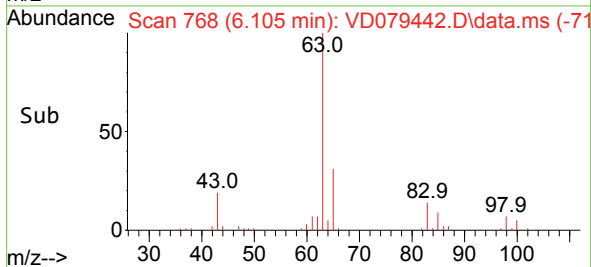
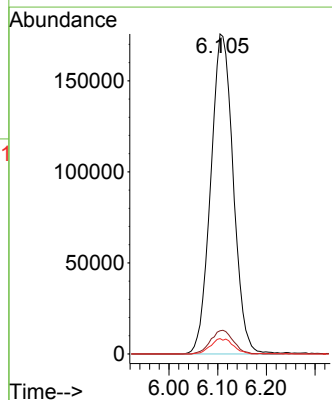
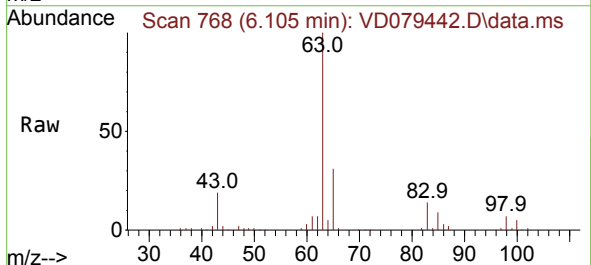
Instrument :
 MSVOA_D
 ClientSampleId :

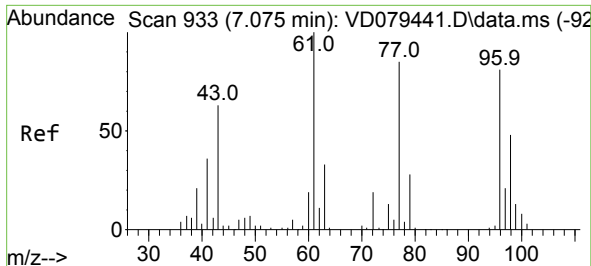
Tgt Ion: 43 Resp: 3604041
 Ion Ratio Lower Upper
 43 100
 86 11.7 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 92.868 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD079442.D
 Acq: 29 Jul 2024 18:07

Tgt Ion: 63 Resp: 564372
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.7 14.0
 100 4.8 2.9 8.6

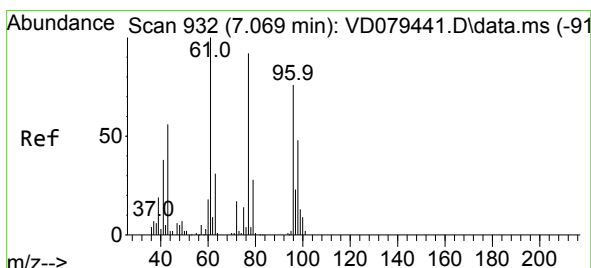
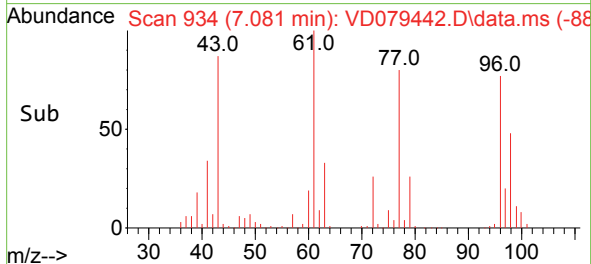
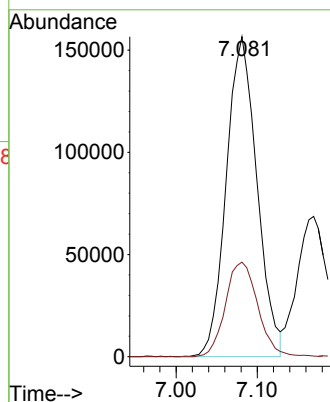
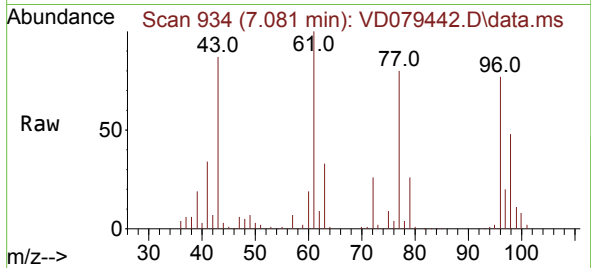




#25
2-Butanone
Concen: 514.417 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

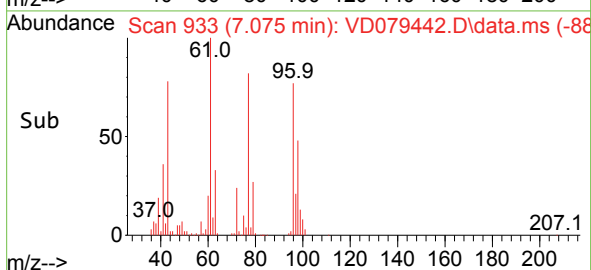
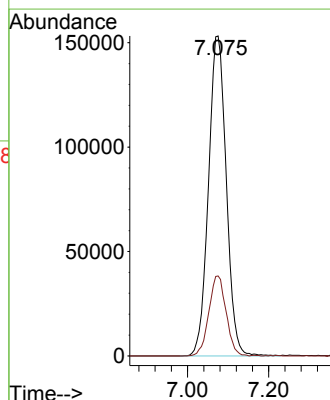
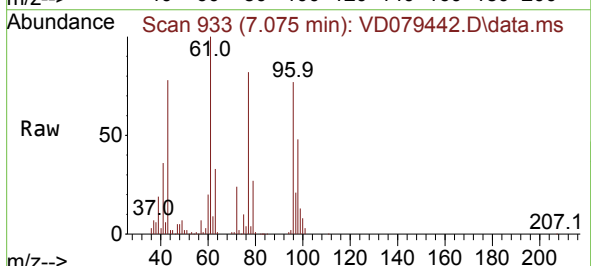
Instrument :
MSVOA_D
ClientSampleId :

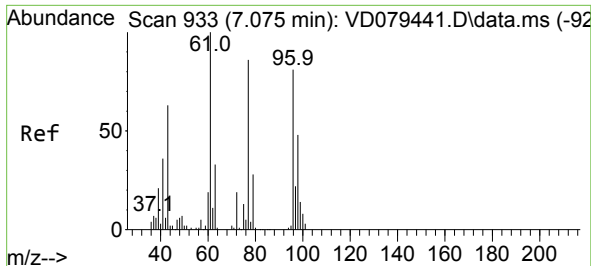
Tgt Ion: 43 Resp: 411318
Ion Ratio Lower Upper
43 100
72 29.6 26.4 39.6



#26
2,2-Dichloropropane
Concen: 94.717 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion: 77 Resp: 465591
Ion Ratio Lower Upper
77 100
97 24.3 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 98.121 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

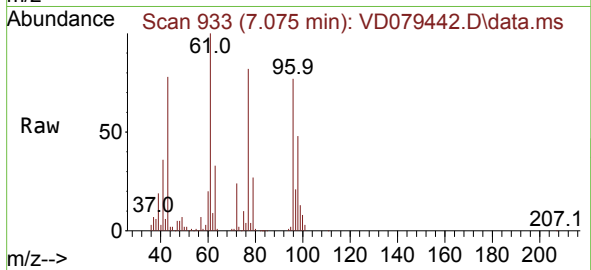
Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

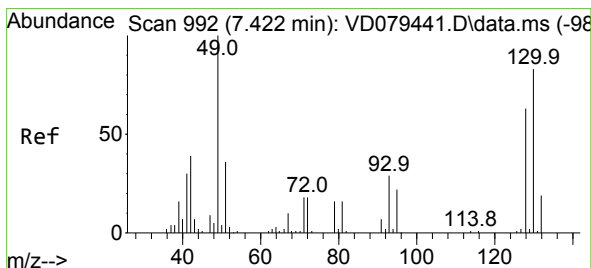
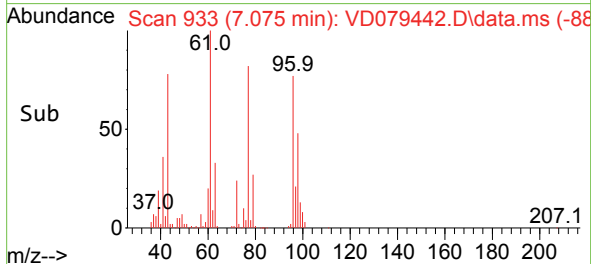
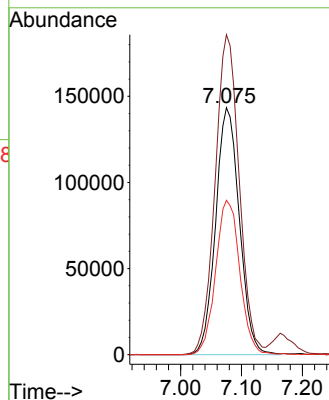
MSVOA_D

ClientSampleId :



Tgt Ion: 96 Resp: 388882

Ion	Ratio	Lower	Upper
96	100		
61	131.6	0.0	229.0
98	63.6	0.0	127.2



#28

Bromochloromethane

Concen: 93.825 ug/l

RT: 7.422 min Scan# 992

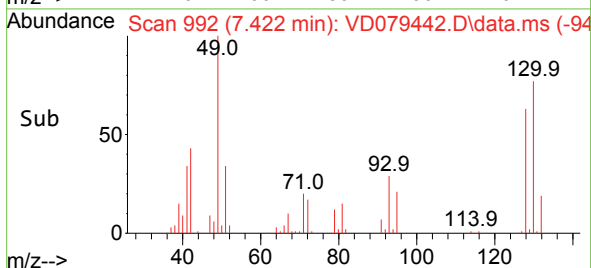
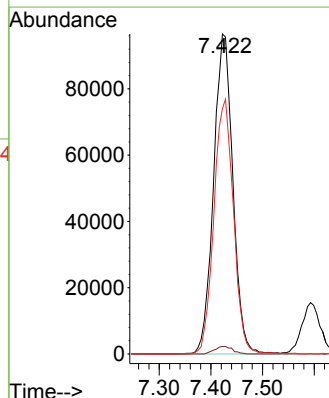
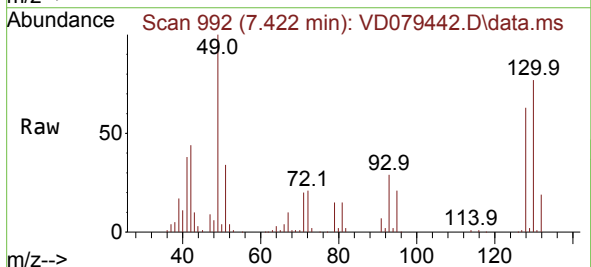
Delta R.T. 0.000 min

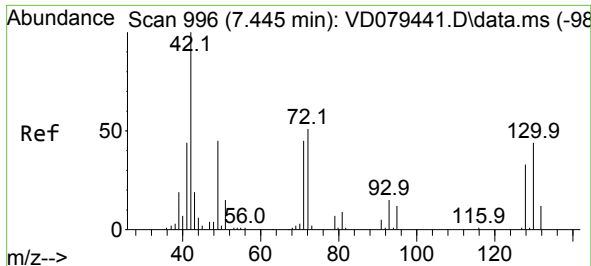
Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Tgt Ion: 49 Resp: 250035

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	7.0
130	80.5	87.7	131.5#





#29

Tetrahydrofuran

Concen: 520.635 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

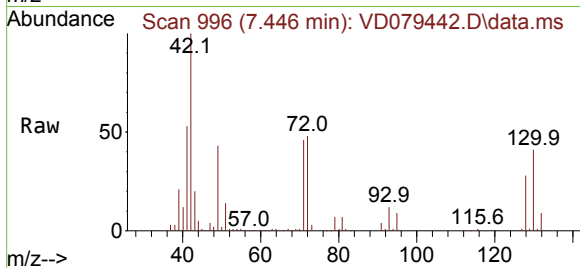
Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

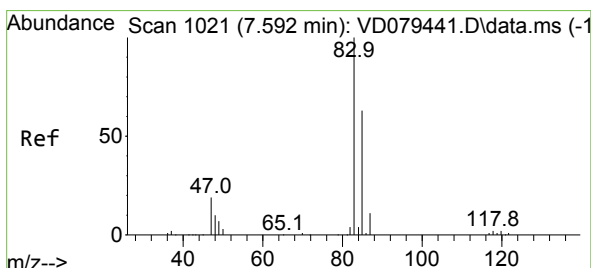
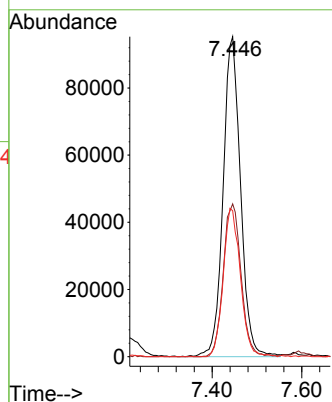
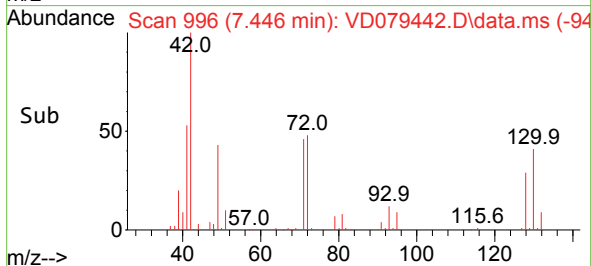
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	257987
Ion	Ratio	Lower	Upper
42	100		
72	48.9	49.4	74.0#
71	45.7	45.0	67.6



#30

Chloroform

Concen: 92.607 ug/l

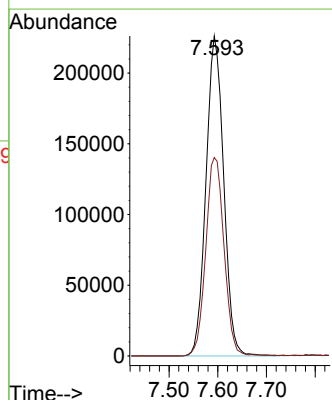
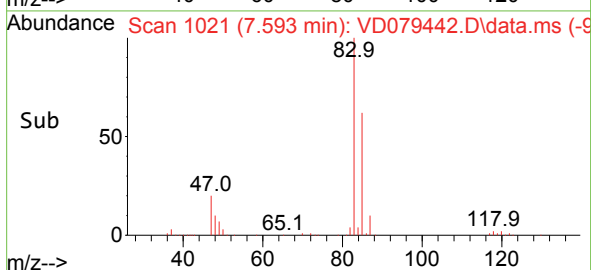
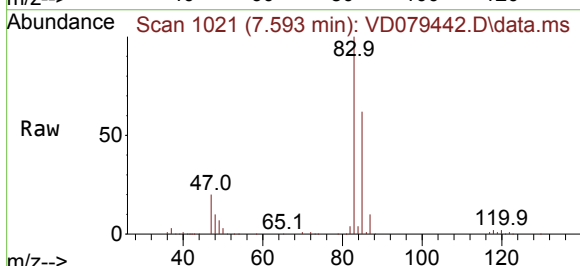
RT: 7.593 min Scan# 1021

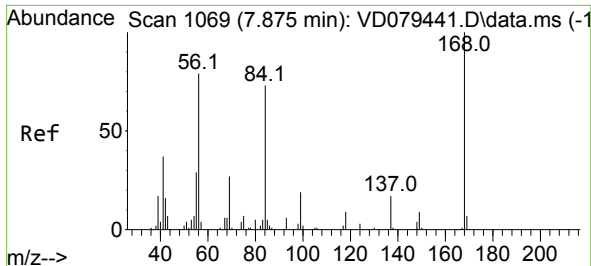
Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

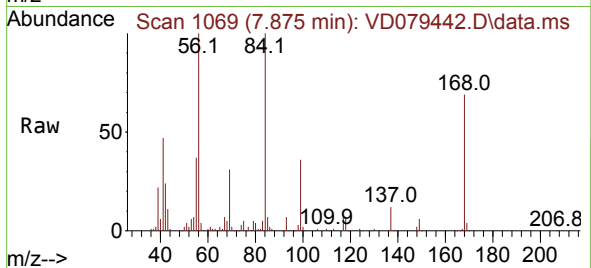
Tgt Ion:	83	Resp:	569921
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.8	77.6



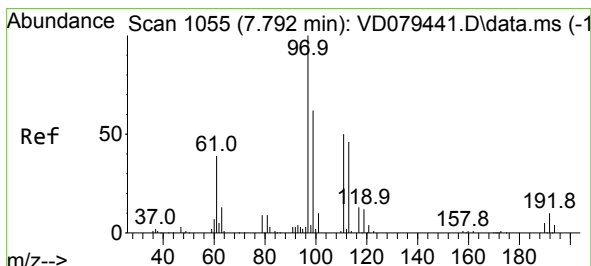
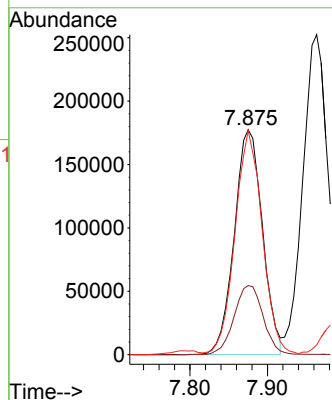
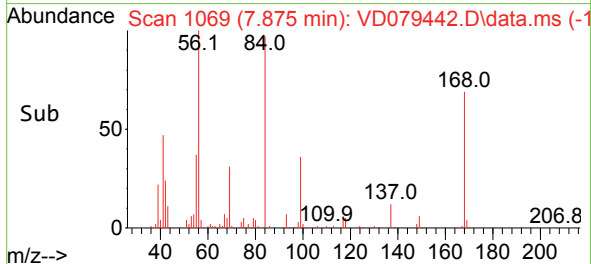


#31
Cyclohexane
Concen: 93.292 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Instrument :
MSVOA_D
ClientSampleId :

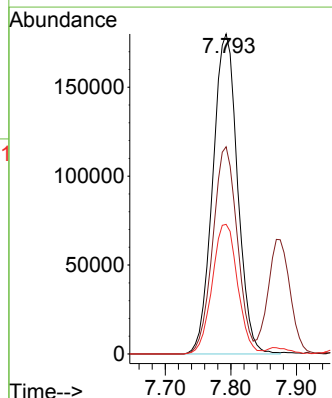
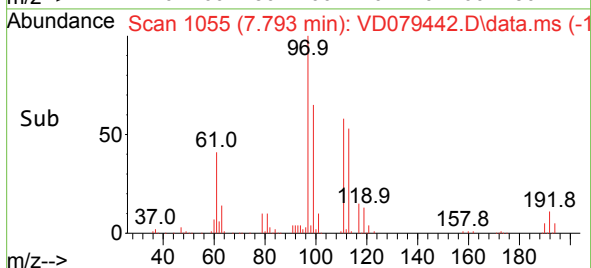
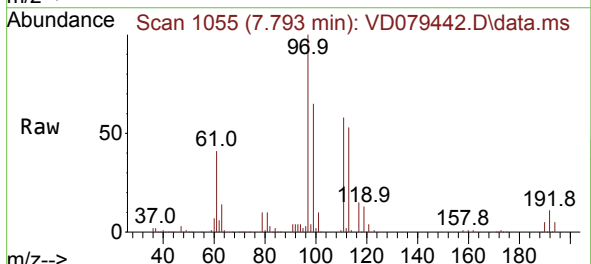


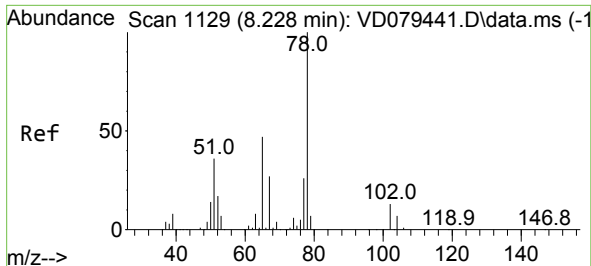
Tgt Ion: 56 Resp: 449641
Ion Ratio Lower Upper
56 100
69 30.7 28.0 42.0
84 97.8 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 93.013 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion: 97 Resp: 472345
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 41.7 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 97.160 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

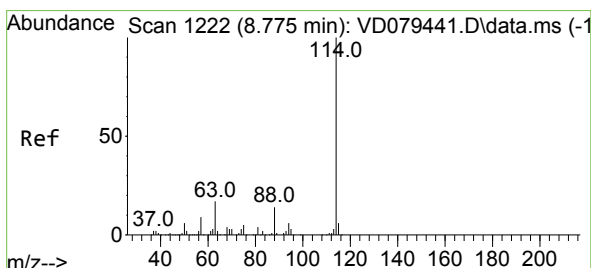
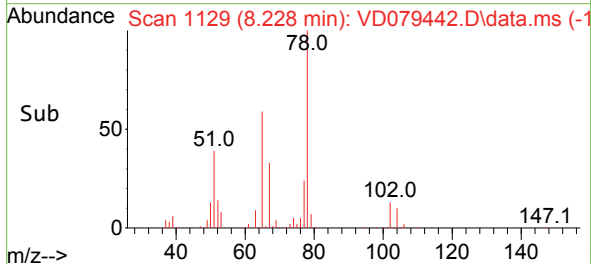
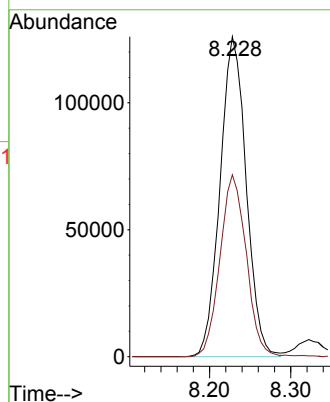
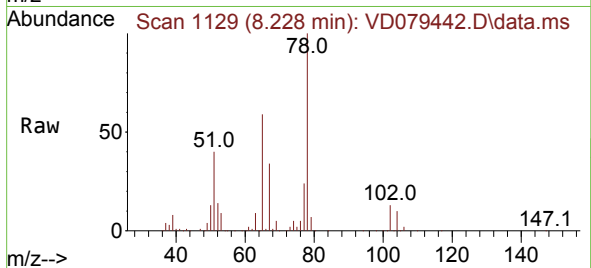
ClientSampleId :

Tgt Ion: 65 Resp: 281964

Ion Ratio Lower Upper

65 100

67 57.1 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: VD079442.D

Acq: 29 Jul 2024 18:07

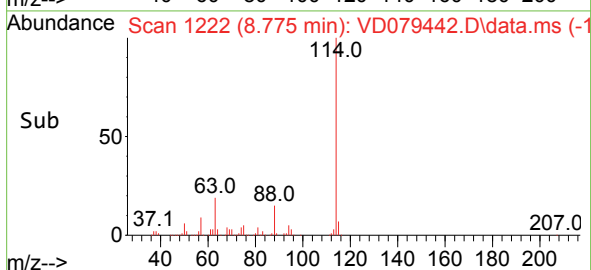
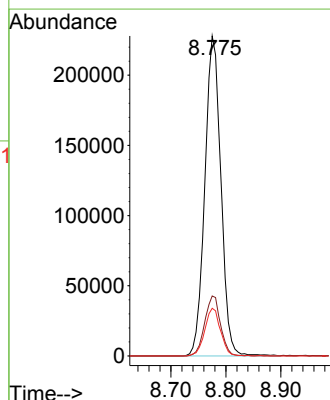
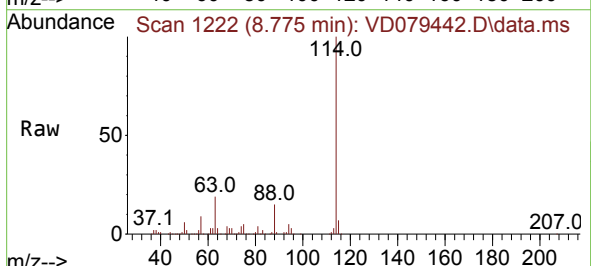
Tgt Ion:114 Resp: 462812

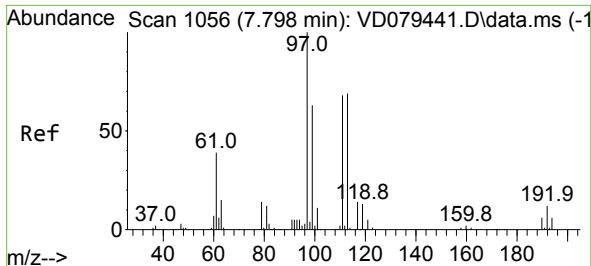
Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.0

88 14.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 95.922 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.006 min

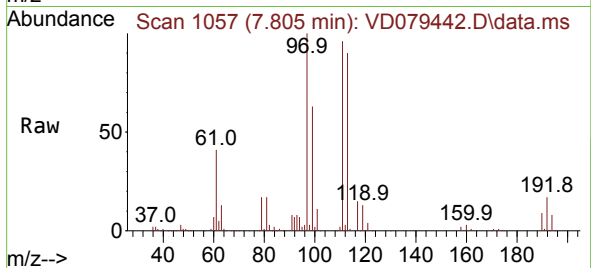
Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

ClientSampleId :



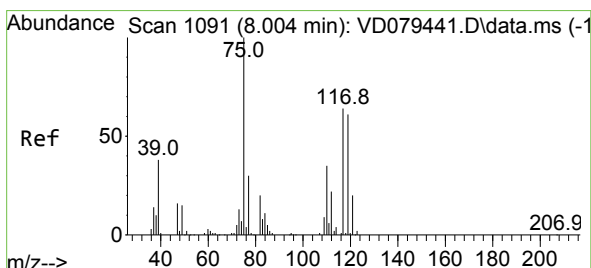
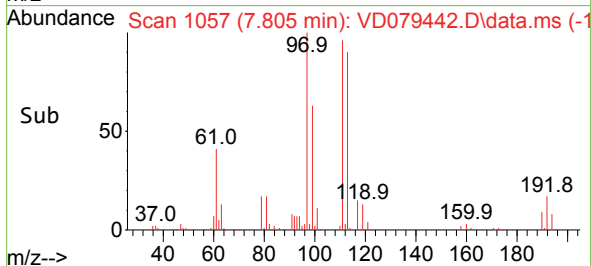
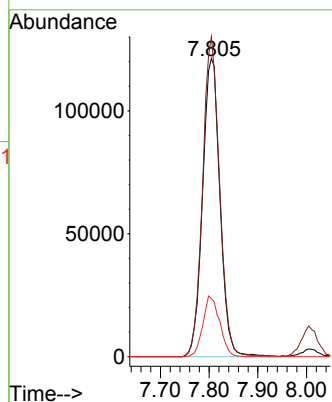
Tgt Ion:113 Resp: 300477

Ion Ratio Lower Upper

113 100

111 104.5 84.0 126.0

192 19.7 15.4 23.0



#36

1,1-Dichloropropene

Concen: 98.734 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

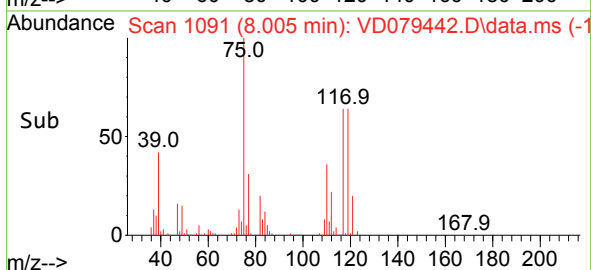
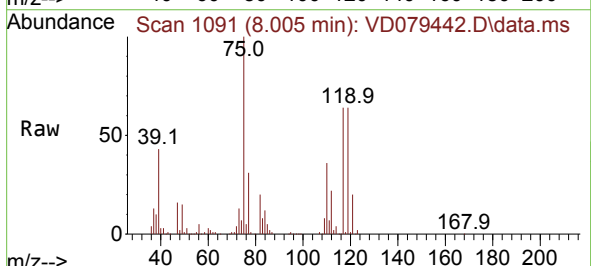
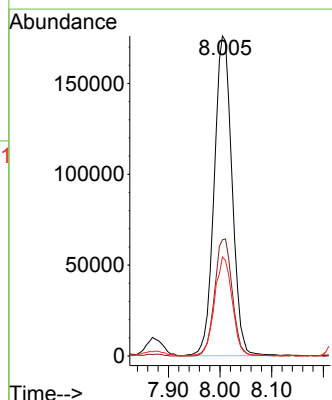
Tgt Ion: 75 Resp: 422146

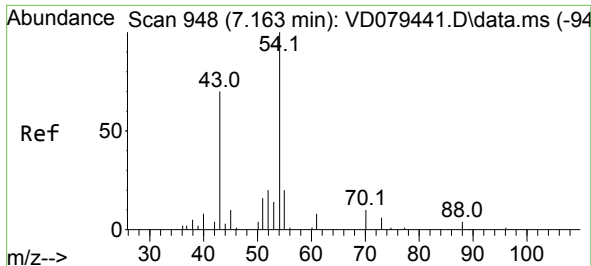
Ion Ratio Lower Upper

75 100

110 36.4 19.6 58.7

77 30.4 26.1 39.1





#37

Ethyl Acetate

Concen: 105.780 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

ClientSampleId :

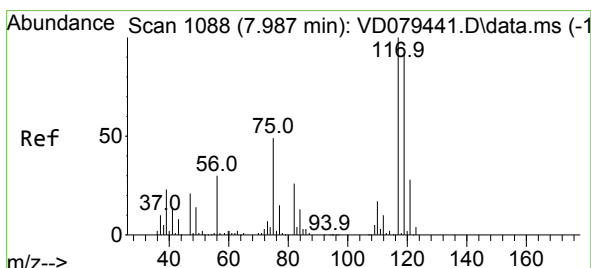
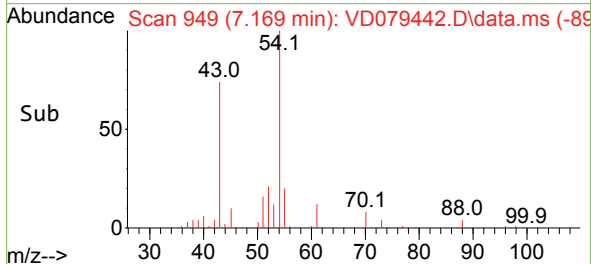
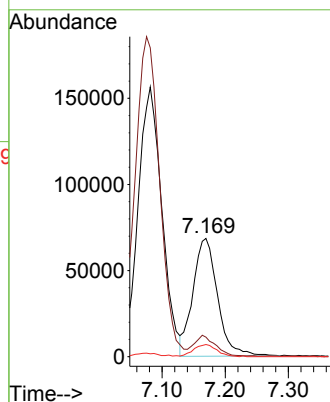
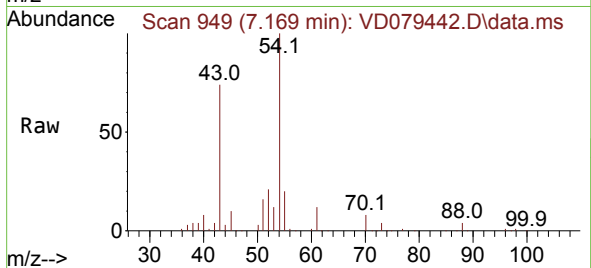
Tgt Ion: 43 Resp: 185432

Ion Ratio Lower Upper

43 100

61 15.3 13.9 20.9

70 9.7 9.8 14.6#



#38

Carbon Tetrachloride

Concen: 94.311 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

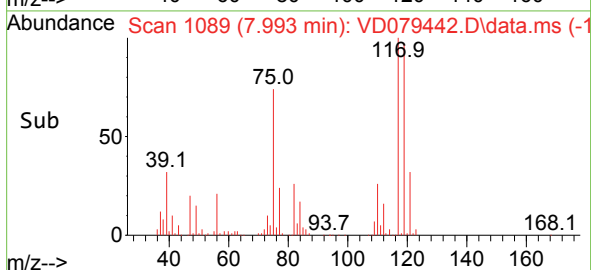
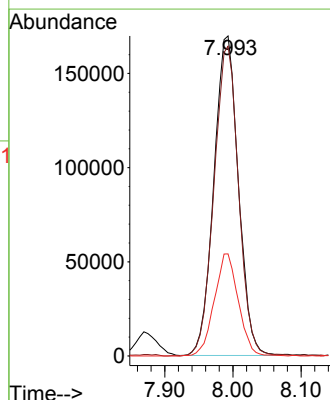
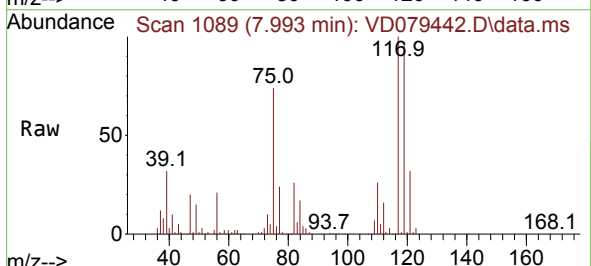
Tgt Ion:117 Resp: 423892

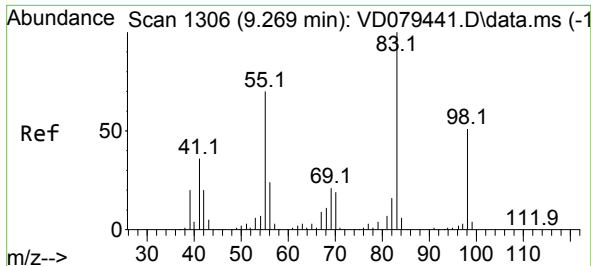
Ion Ratio Lower Upper

117 100

119 97.0 75.4 113.0

121 31.9 25.0 37.4

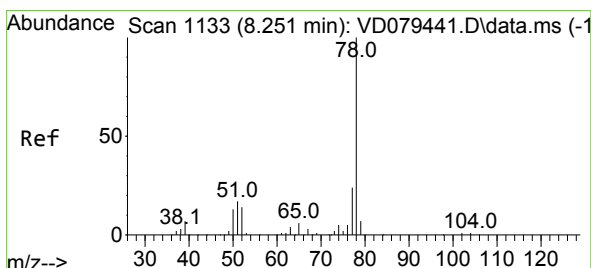
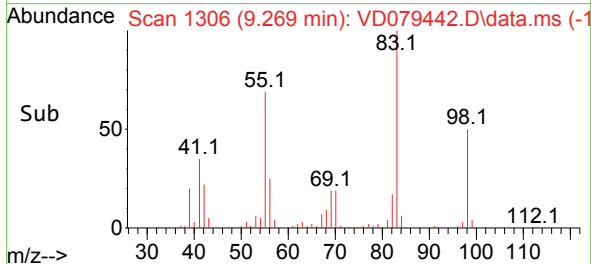
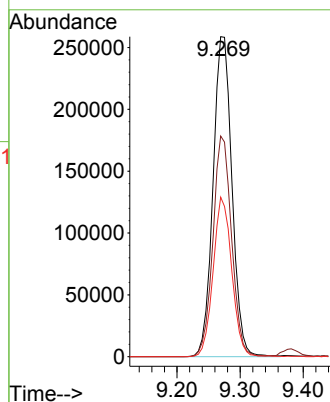
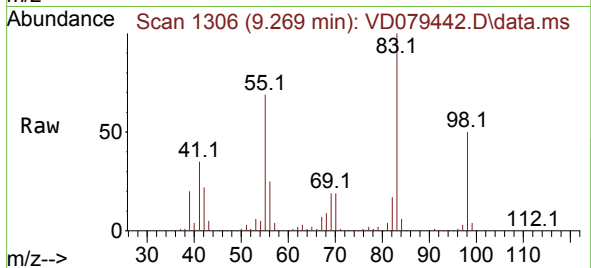




#39
Methylcyclohexane
Concen: 105.594 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

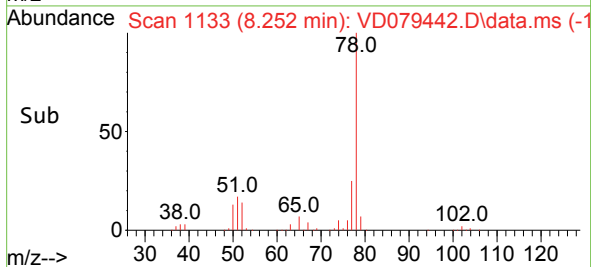
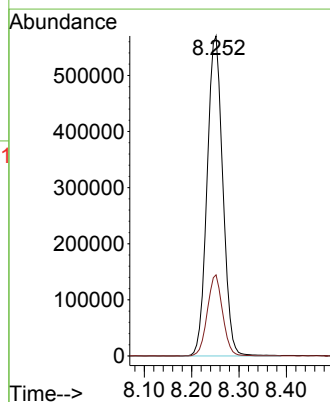
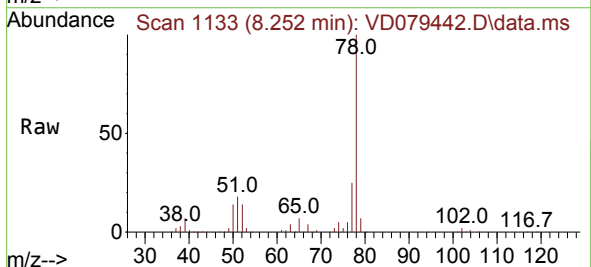
Instrument :
MSVOA_D
ClientSampleId :

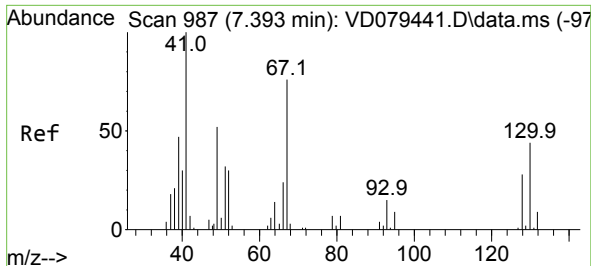
Tgt Ion: 83 Resp: 538676
Ion Ratio Lower Upper
83 100
55 68.9 50.1 75.1
98 49.9 41.9 62.9



#40
Benzene
Concen: 96.750 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

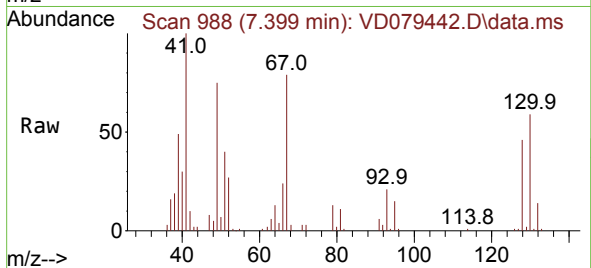
Tgt Ion: 78 Resp: 1313860
Ion Ratio Lower Upper
78 100
77 25.3 18.1 27.1



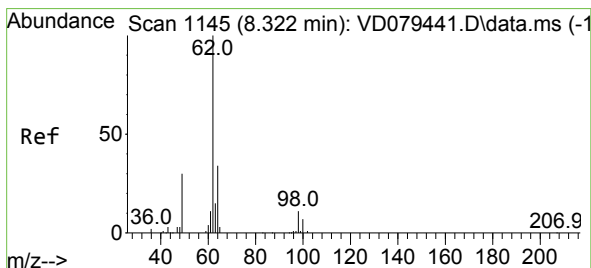
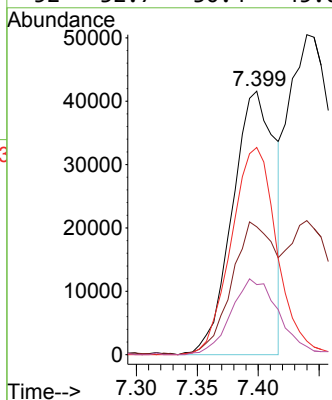
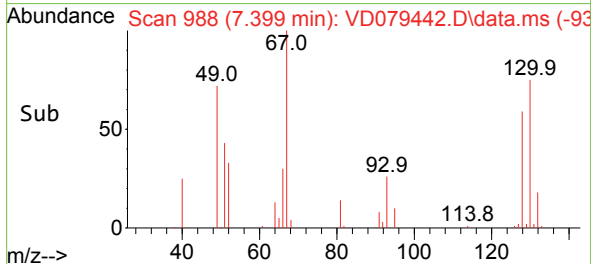


#41
Methacrylonitrile
Concen: 105.511 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Instrument :
MSVOA_D
ClientSampleId :

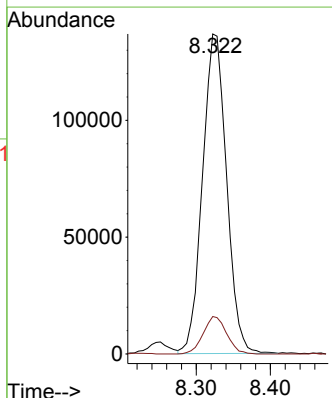
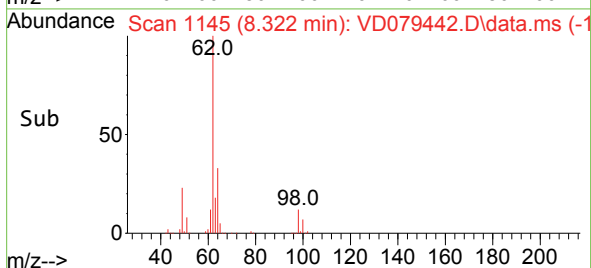
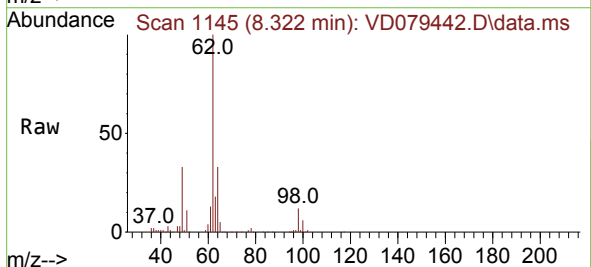


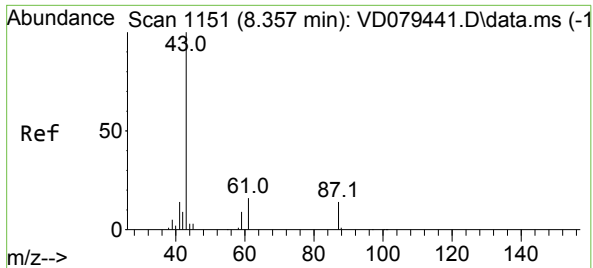
Tgt Ion:	41	Resp:	101739
Ion	Ratio	Lower	Upper
41	100		
39	50.5	41.4	62.0
67	83.7	85.8	128.6
52	32.7	30.4	45.6



#42
1,2-Dichloroethane
Concen: 95.397 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

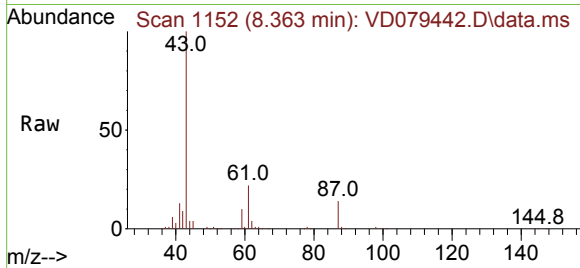
Tgt Ion:	62	Resp:	308708
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	25.8



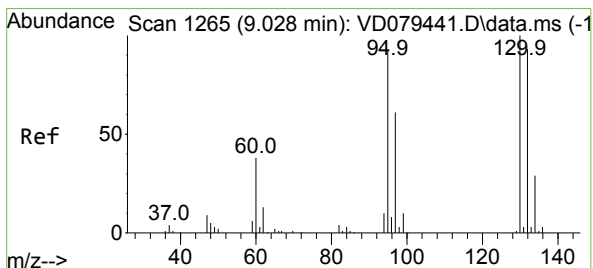
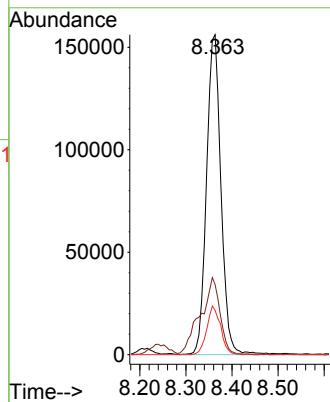
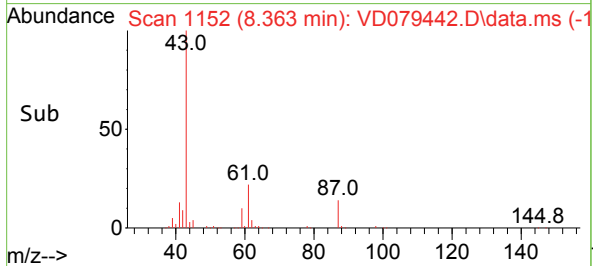


#43
Isopropyl Acetate
Concen: 103.920 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Instrument :
MSVOA_D
ClientSampleId :

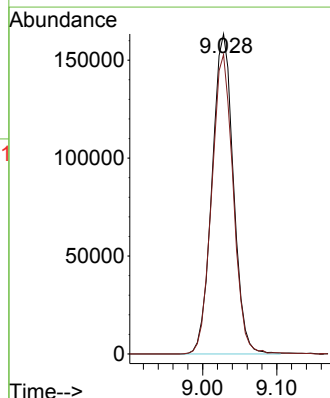
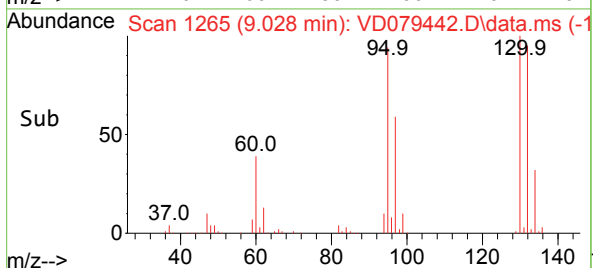
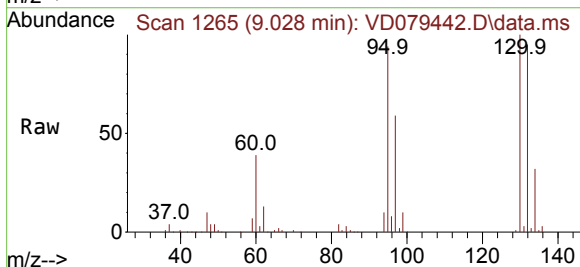


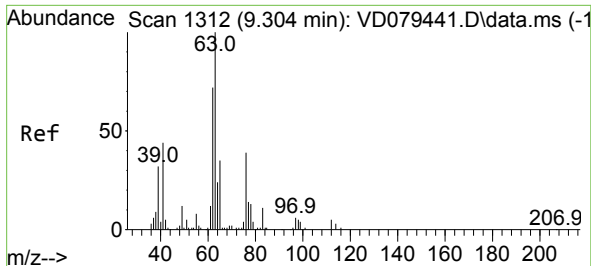
Tgt Ion: 43 Resp: 342376
Ion Ratio Lower Upper
43 100
61 32.7 29.3 43.9
87 14.6 14.9 22.3#



#44
Trichloroethene
Concen: 96.656 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion:130 Resp: 326747
Ion Ratio Lower Upper
130 100
95 93.5 0.0 177.8





#45

1,2-Dichloropropane

Concen: 97.158 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

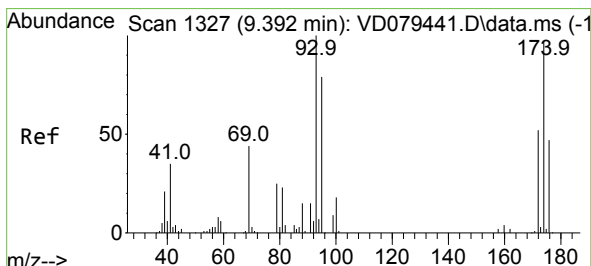
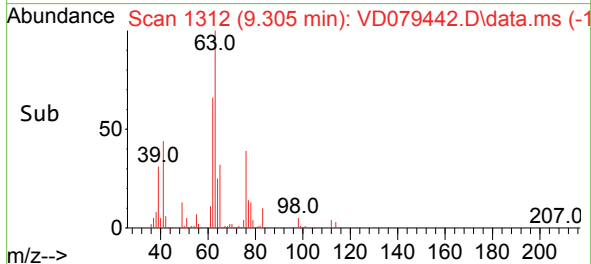
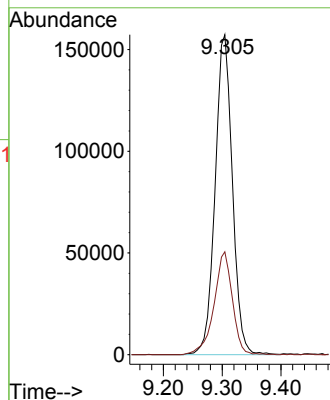
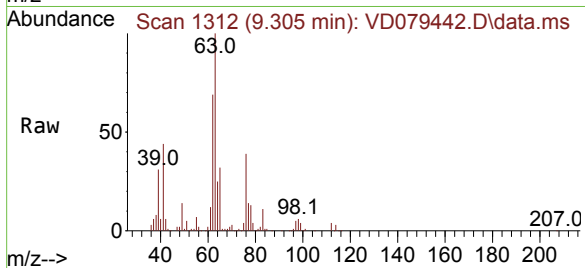
ClientSampleId :

Tgt Ion: 63 Resp: 321086

Ion Ratio Lower Upper

63 100

65 32.2 23.8 35.8



#46

Dibromomethane

Concen: 95.994 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

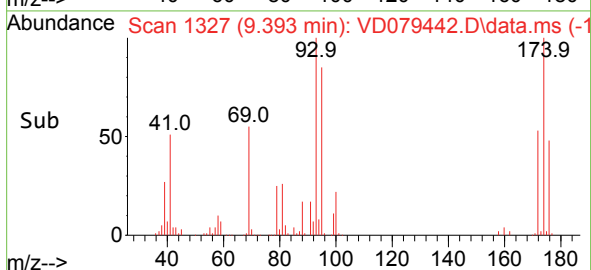
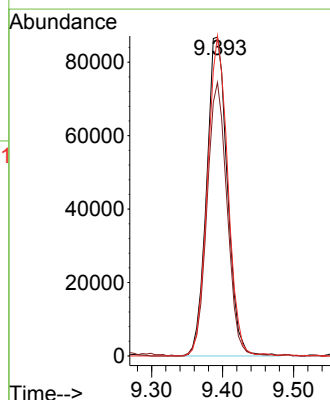
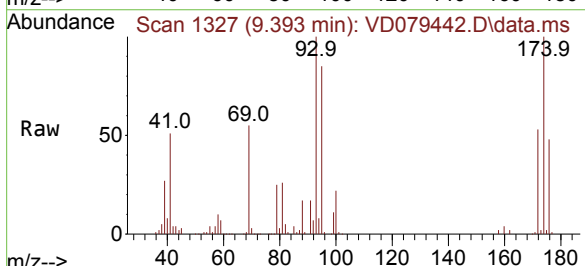
Tgt Ion: 93 Resp: 175870

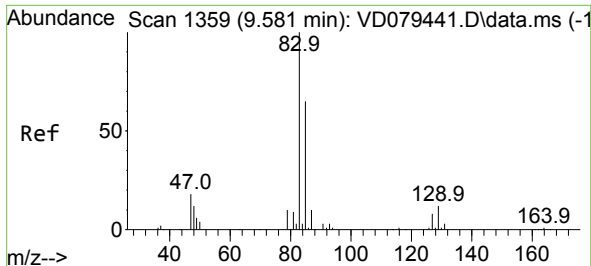
Ion Ratio Lower Upper

93 100

95 83.4 65.6 98.4

174 98.1 82.3 123.5





#47

Bromodichloromethane

Concen: 95.973 ug/l

RT: 9.581 min Scan# 1

Delta R.T. -0.000 min

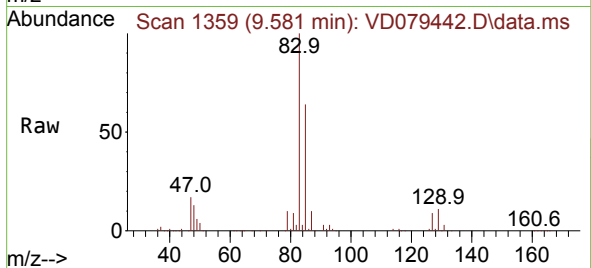
Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

ClientSampleId :



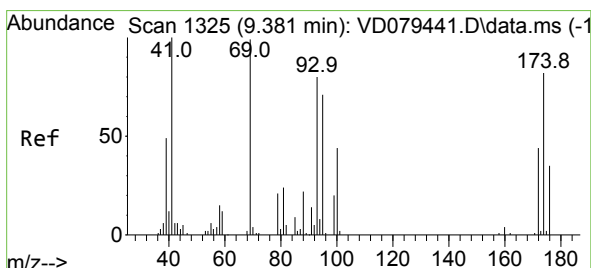
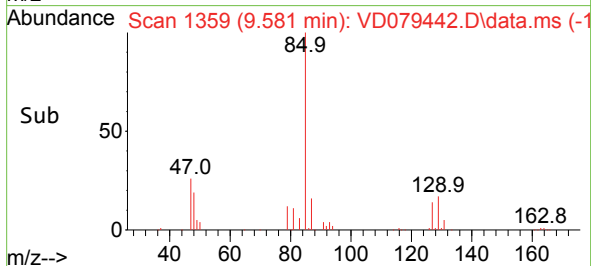
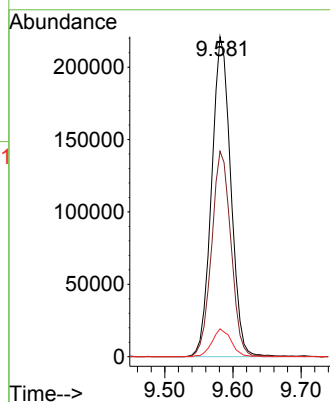
Tgt Ion: 83 Resp: 431740

Ion Ratio Lower Upper

83 100

85 64.2 50.1 75.1

127 8.7 6.8 10.2



#48

Methyl methacrylate

Concen: 108.429 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

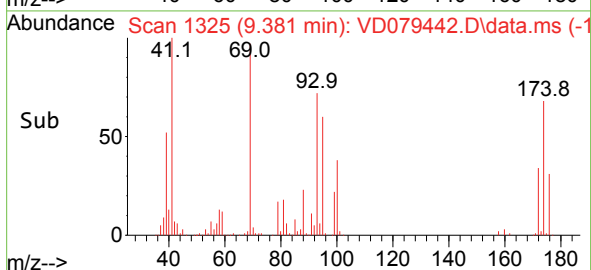
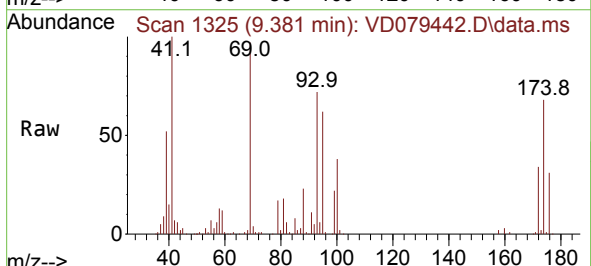
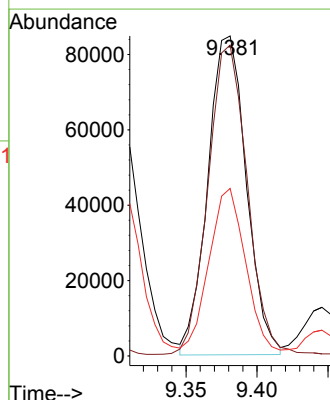
Tgt Ion: 41 Resp: 159872

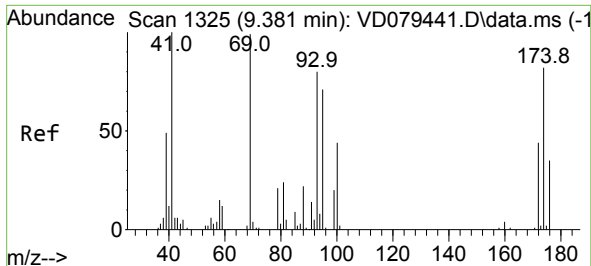
Ion Ratio Lower Upper

41 100

69 100.0 96.7 145.1

39 47.3 43.8 65.6





#49

1,4-Dioxane

Concen: 2092.511 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

ClientSampleId :

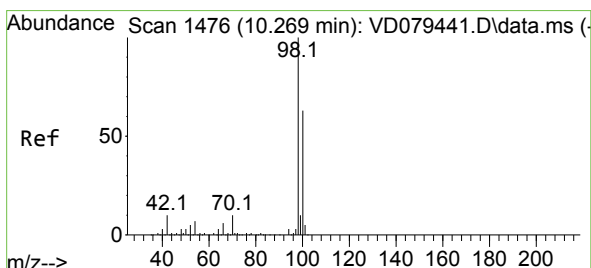
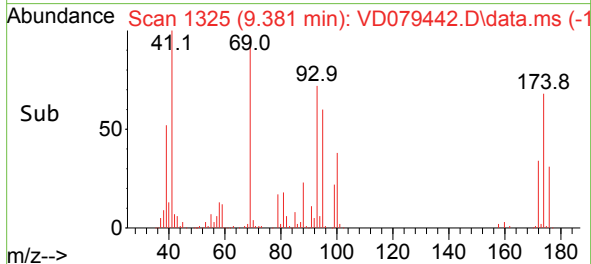
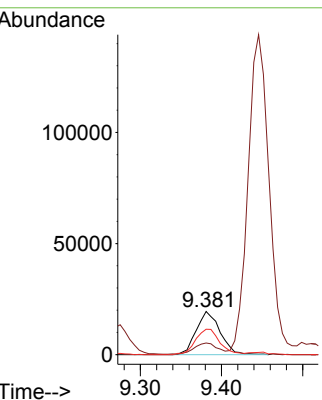
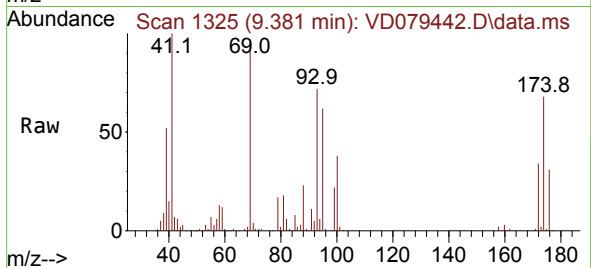
Tgt Ion: 88 Resp: 39724

Ion Ratio Lower Upper

88 100

43 25.1 21.5 32.3

58 60.0 42.2 63.4



#50

Toluene-d8

Concen: 103.055 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079442.D

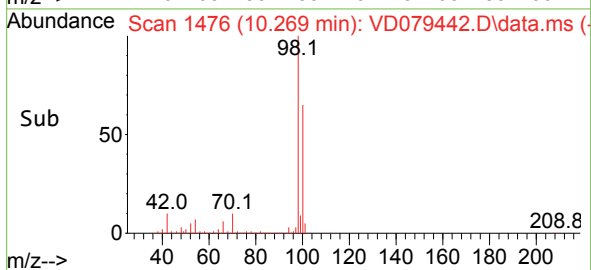
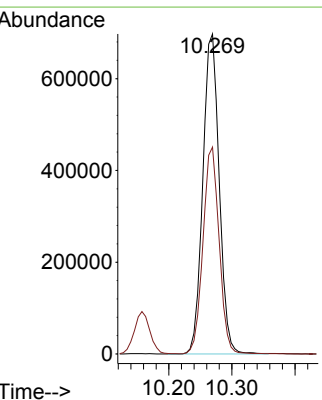
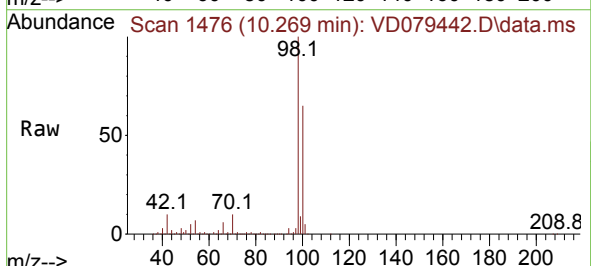
Acq: 29 Jul 2024 18:07

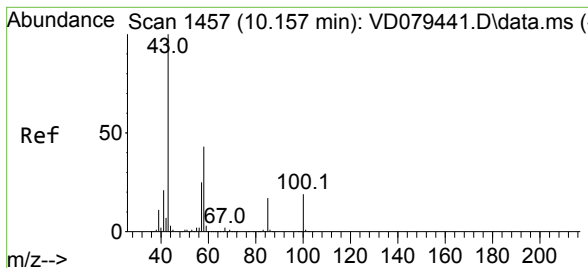
Tgt Ion: 98 Resp: 1253632

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4

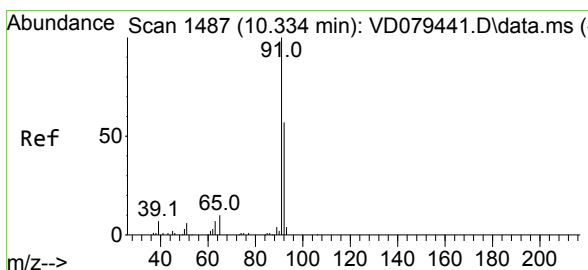
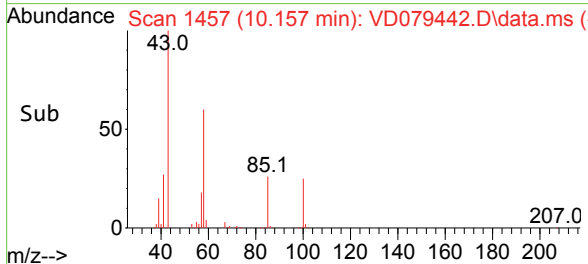
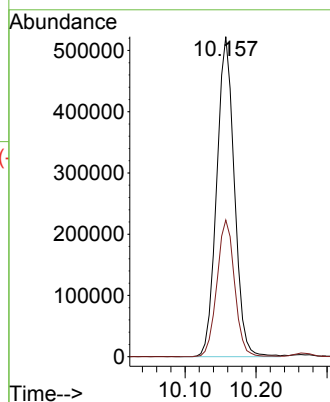
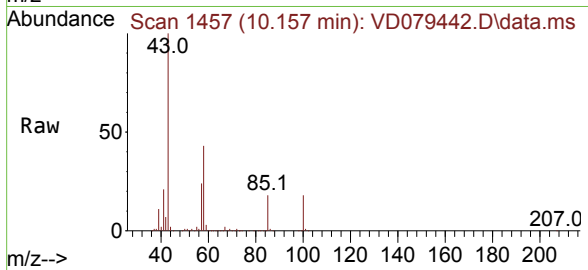




#51
4-Methyl-2-Pentanone
Concen: 535.021 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

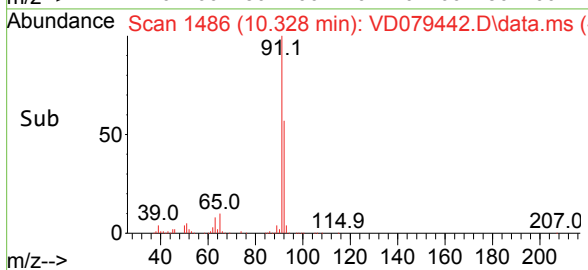
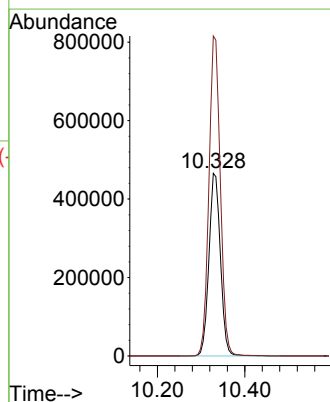
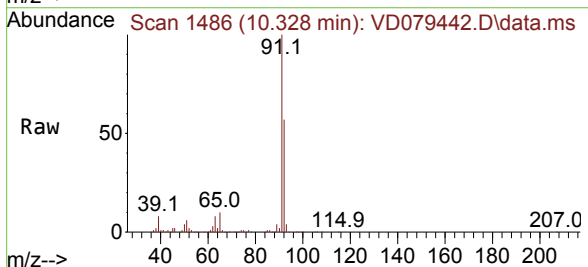
Instrument :
MSVOA_D
ClientSampleId :

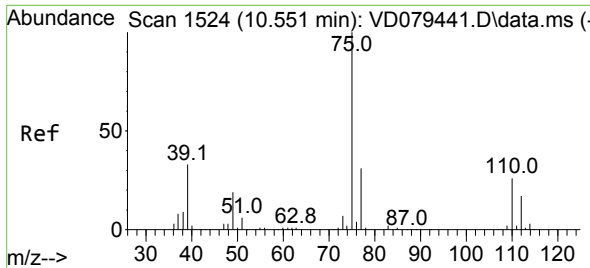
Tgt Ion: 43 Resp: 899936
Ion Ratio Lower Upper
43 100
58 42.8 36.6 55.0



#52
Toluene
Concen: 101.084 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion: 92 Resp: 848973
Ion Ratio Lower Upper
92 100
91 174.4 141.7 212.5

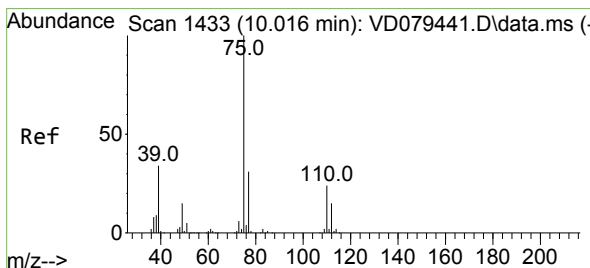
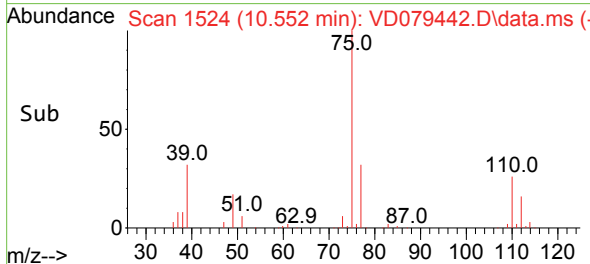
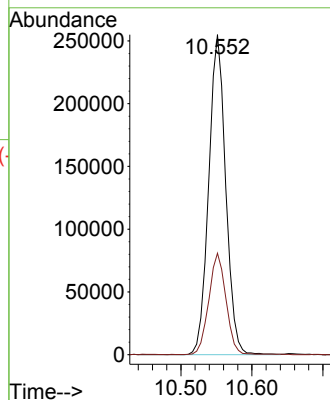
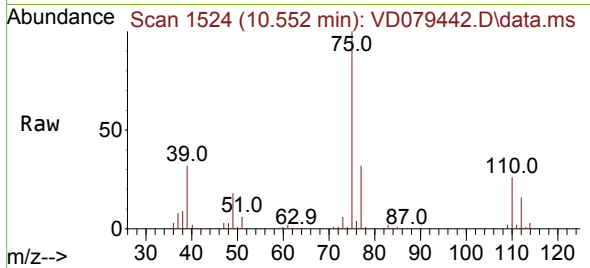




#53
 t-1,3-Dichloropropene
 Concen: 102.100 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD079442.D
 Acq: 29 Jul 2024 18:07

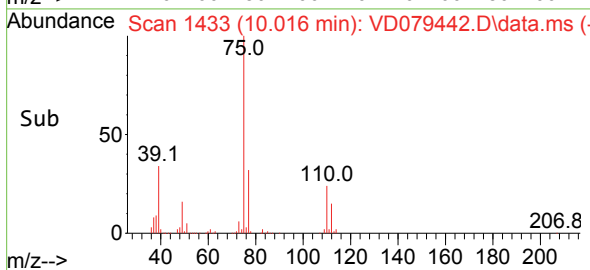
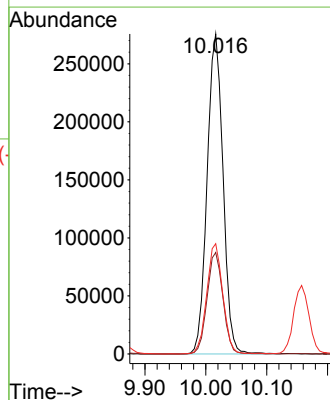
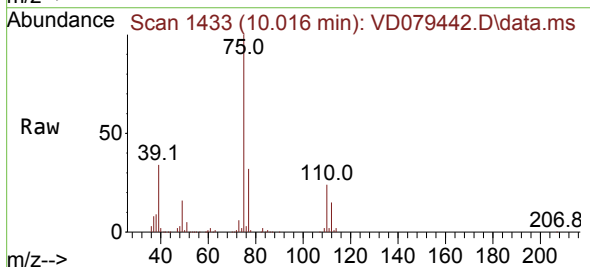
Instrument :
 MSVOA_D
 ClientSampleId :

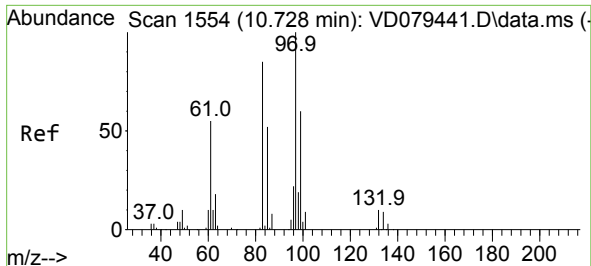
Tgt Ion: 75 Resp: 424157
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 100.387 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079442.D
 Acq: 29 Jul 2024 18:07

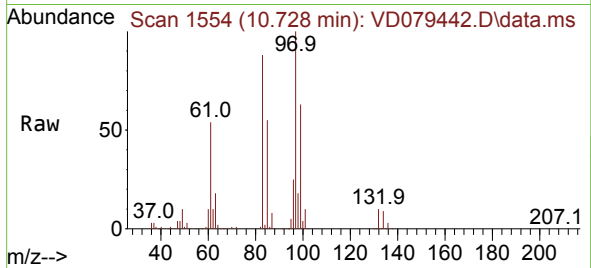
Tgt Ion: 75 Resp: 501635
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.4 36.6
 39 34.4 24.2 36.2



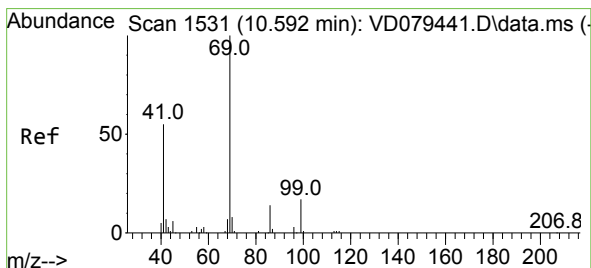
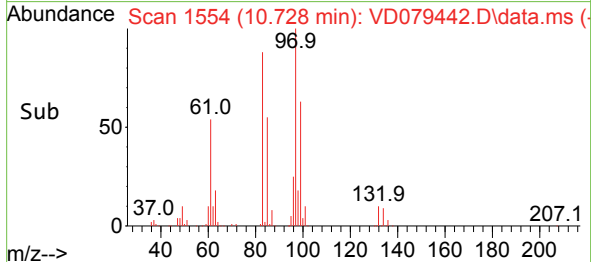
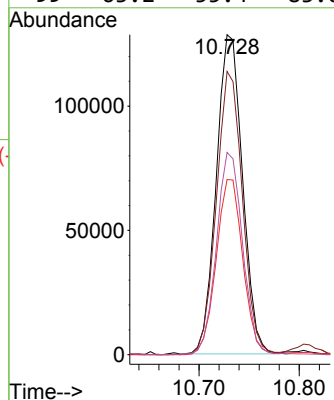


#55
1,1,2-Trichloroethane
Concen: 96.702 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Instrument :
MSVOA_D
ClientSampleId :

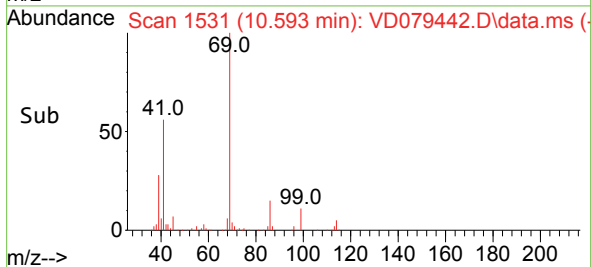
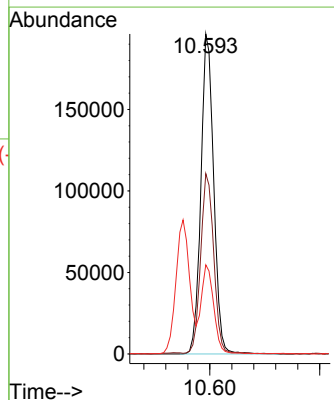
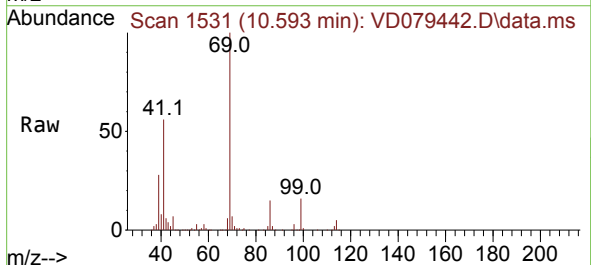


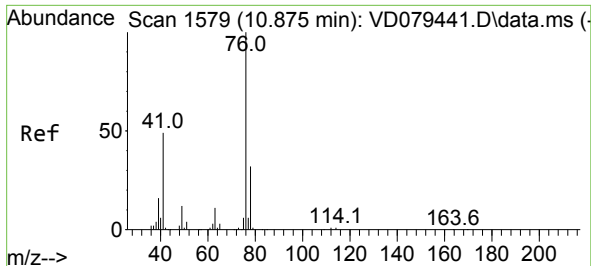
Tgt Ion:	97	Resp:	233382
Ion	Ratio	Lower	Upper
97	100		
83	88.7	65.8	98.8
85	54.9	43.8	65.8
99	63.2	55.4	83.0



#56
Ethyl methacrylate
Concen: 111.044 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion:	69	Resp:	317540
Ion	Ratio	Lower	Upper
69	100		
41	57.6	39.8	59.6
39	27.1	20.2	30.4





#57

1,3-Dichloropropane

Concen: 99.461 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

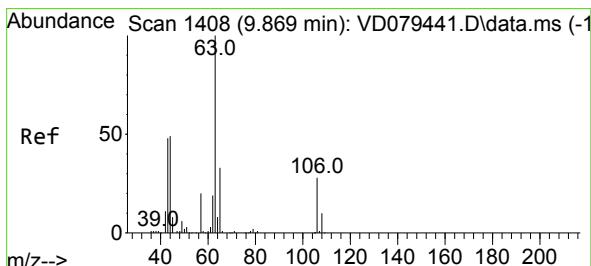
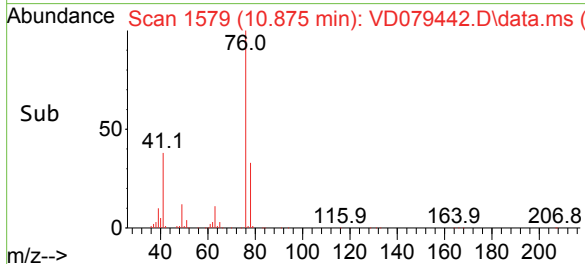
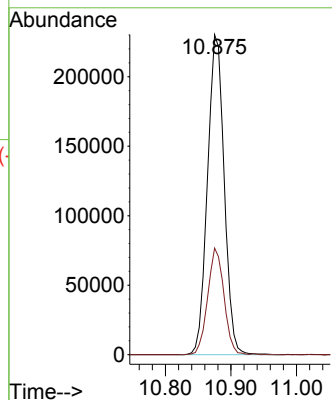
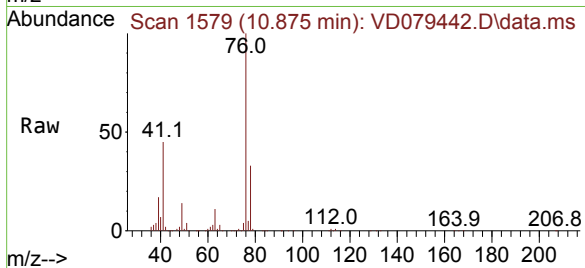
ClientSampleId :

Tgt Ion: 76 Resp: 407896

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 563.054 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079442.D

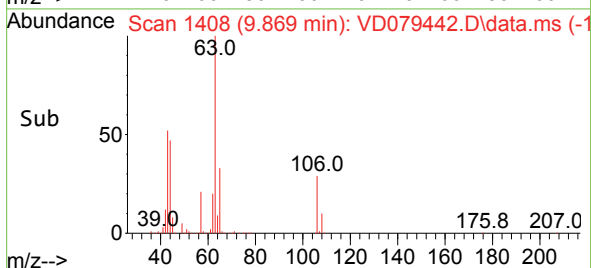
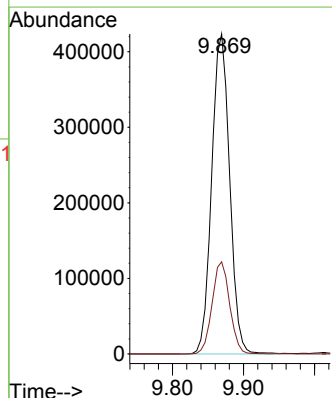
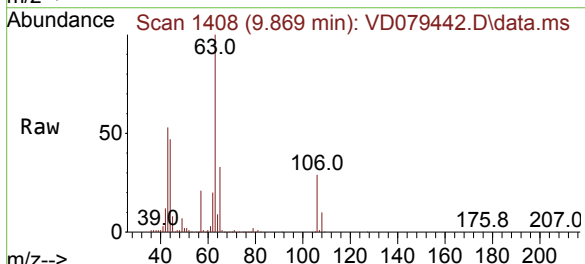
Acq: 29 Jul 2024 18:07

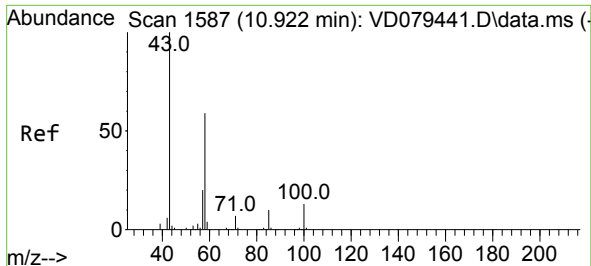
Tgt Ion: 63 Resp: 742535

Ion Ratio Lower Upper

63 100

106 28.2 26.4 39.6

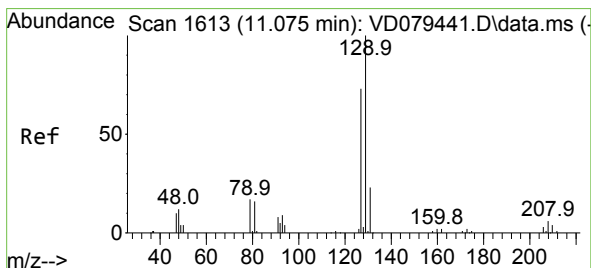
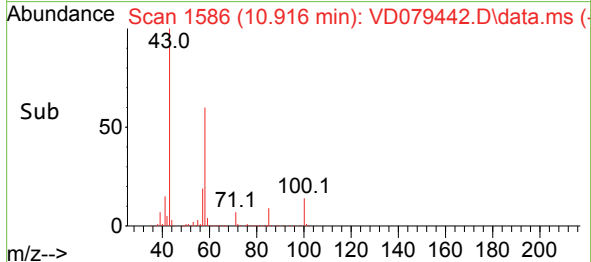
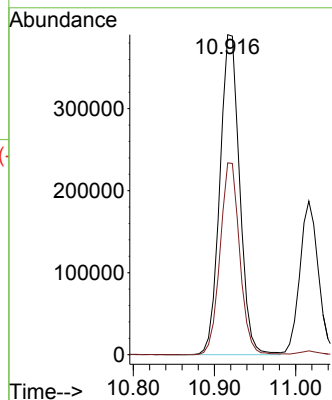
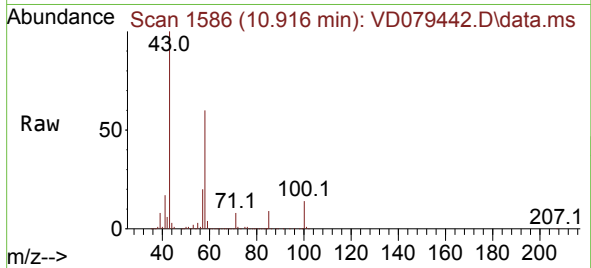




#59
2-Hexanone
Concen: 563.786 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

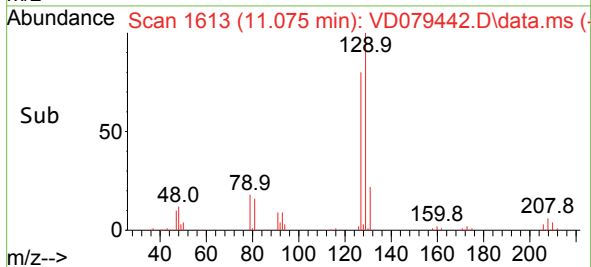
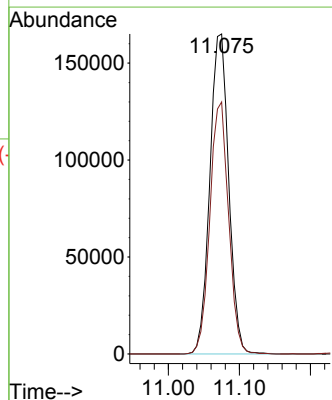
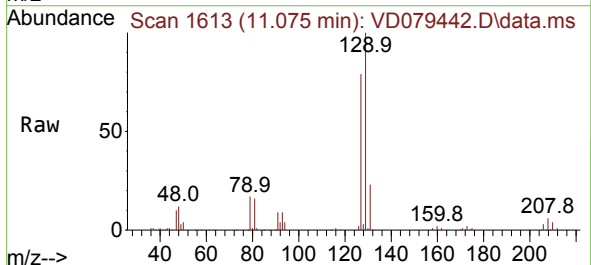
Instrument :
MSVOA_D
ClientSampleId :

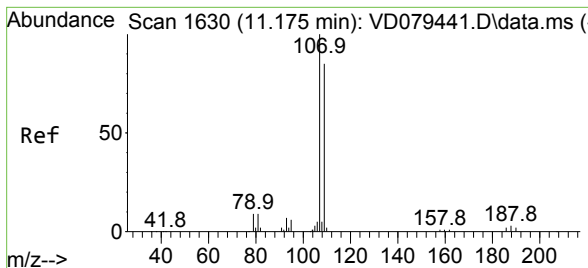
Tgt Ion: 43 Resp: 661381
Ion Ratio Lower Upper
43 100
58 59.5 31.1 93.5



#60
Dibromochloromethane
Concen: 96.684 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion: 129 Resp: 304817
Ion Ratio Lower Upper
129 100
127 78.0 38.0 113.9

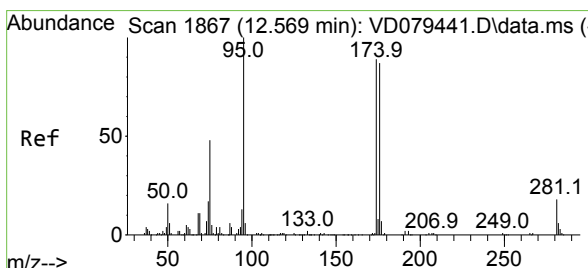
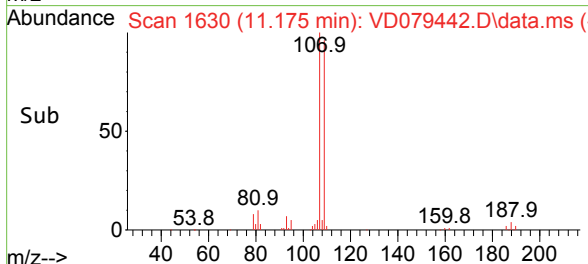
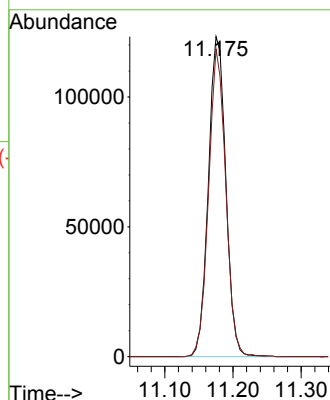
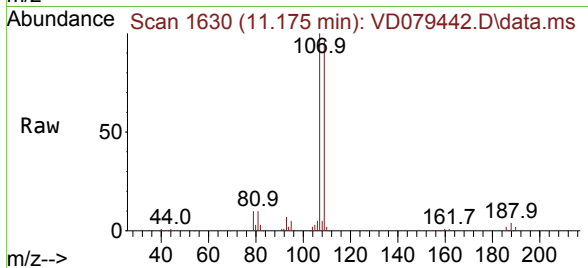




#61
1,2-Dibromoethane
Concen: 96.977 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

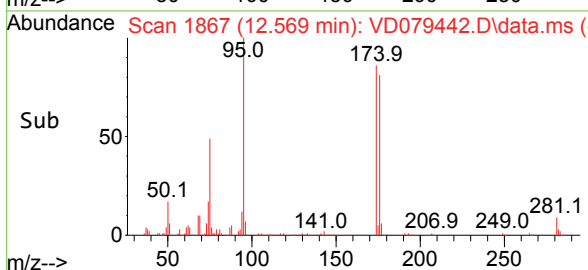
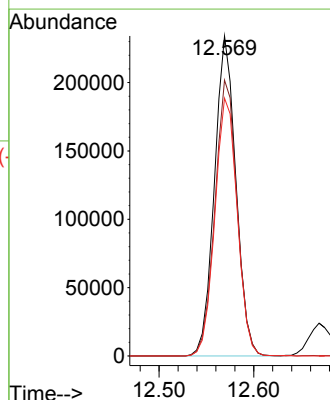
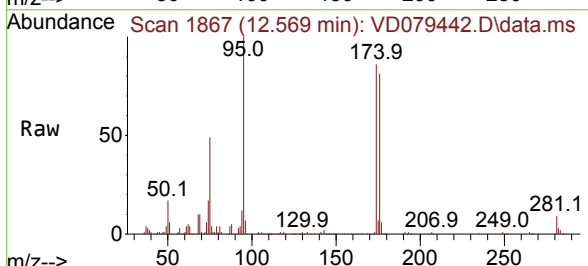
Instrument :
MSVOA_D
ClientSampleId :

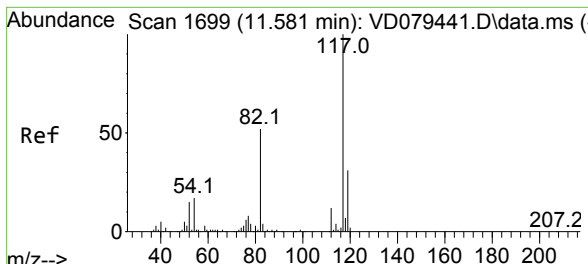
Tgt Ion:107 Resp: 219261
Ion Ratio Lower Upper
107 100
109 94.3 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 104.559 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion: 95 Resp: 368071
Ion Ratio Lower Upper
95 100
174 89.0 0.0 195.4
176 84.1 0.0 192.6

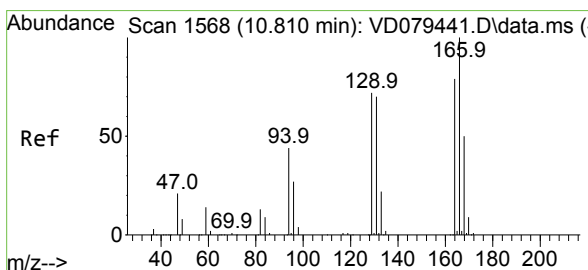
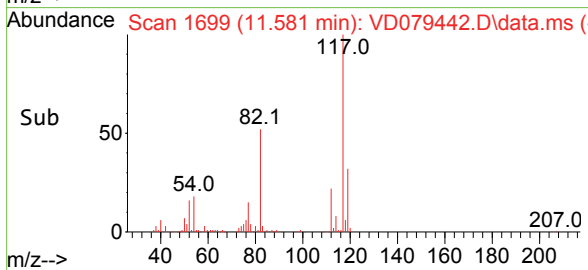
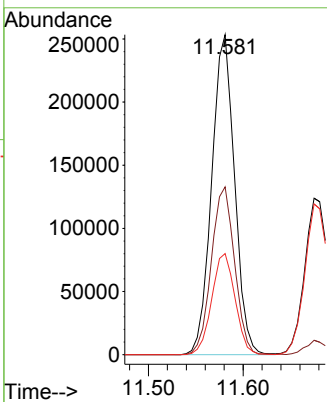
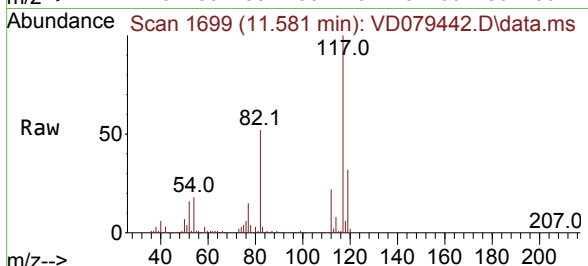




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

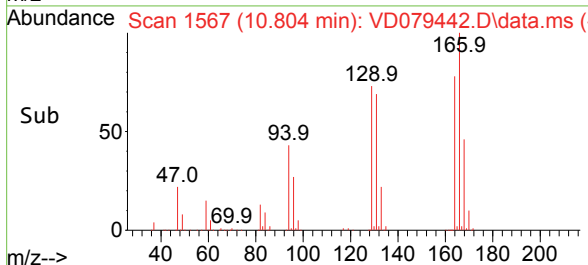
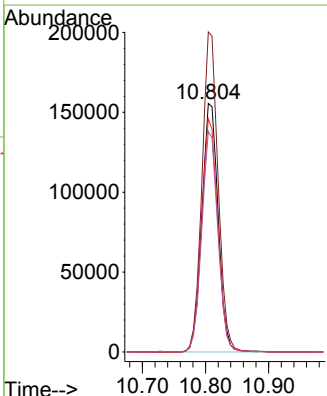
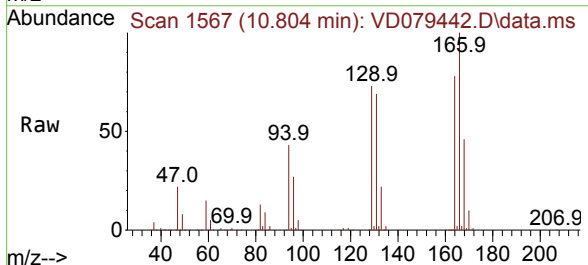
Instrument :
MSVOA_D
ClientSampleId :

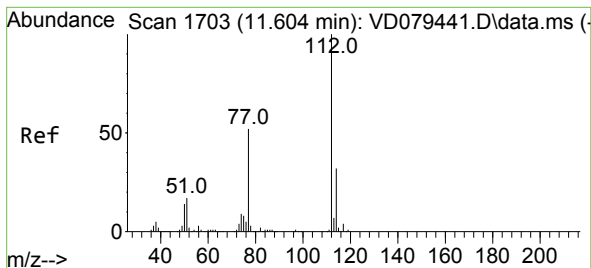
Tgt Ion:	117	Resp:	425434
Ion Ratio	Lower	Upper	
117	100		
82	52.4	39.8	59.6
119	31.6	25.7	38.5



#64
Tetrachloroethene
Concen: 97.400 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion:	164	Resp:	279411
Ion Ratio	Lower	Upper	
164	100		
166	128.8	108.6	163.0
129	93.8	74.6	112.0
131	88.7	68.6	103.0





#65

Chlorobenzene

Concen: 98.109 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

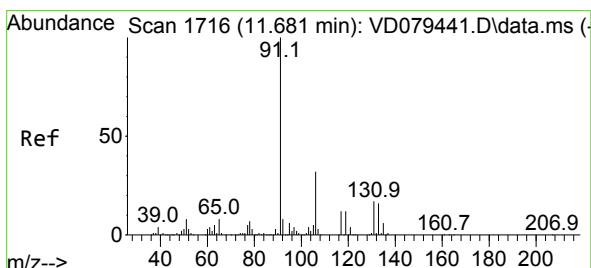
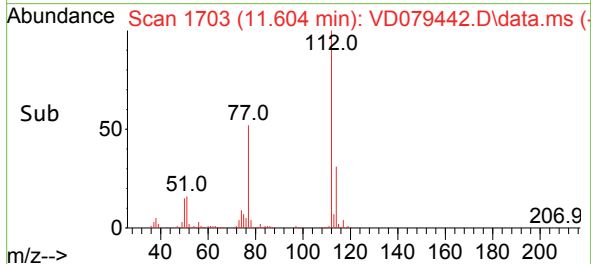
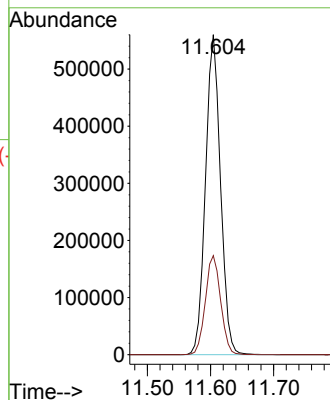
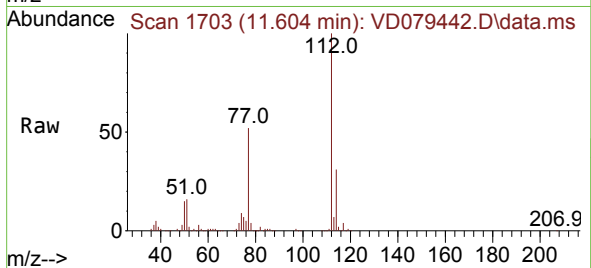
ClientSampleId :

Tgt Ion:112 Resp: 924259

Ion Ratio Lower Upper

112 100

114 31.0 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 99.041 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

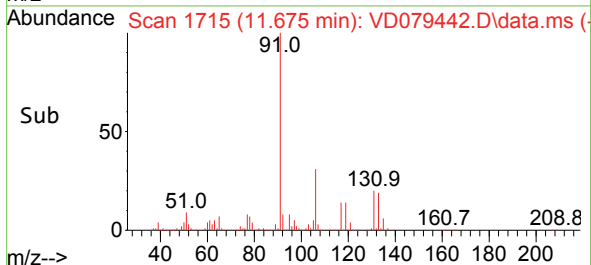
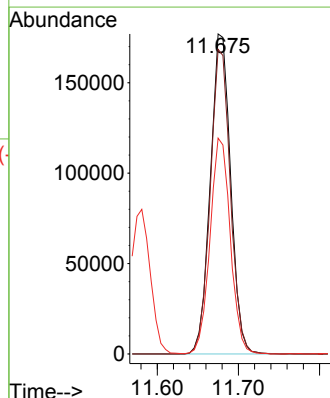
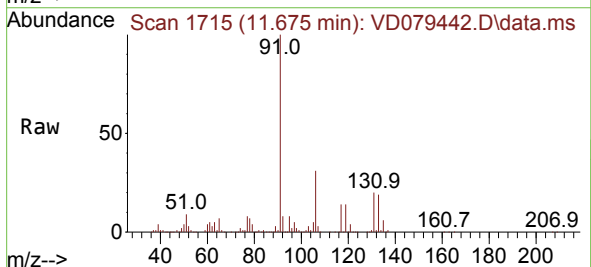
Tgt Ion:131 Resp: 306980

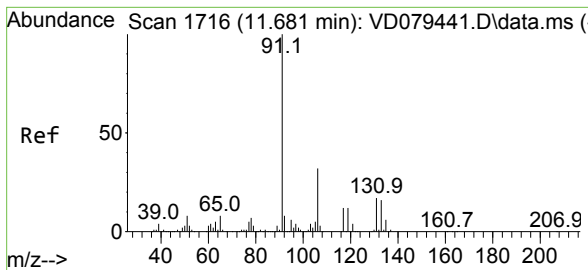
Ion Ratio Lower Upper

131 100

133 94.7 49.2 147.6

119 67.5 33.4 100.2

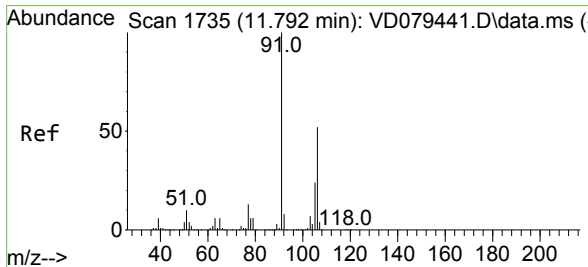
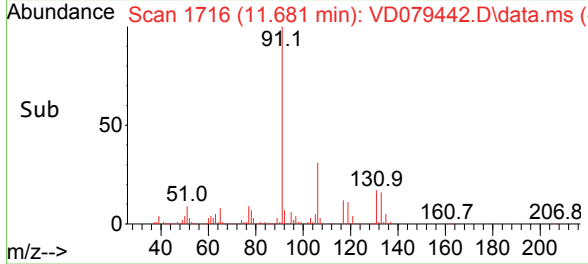
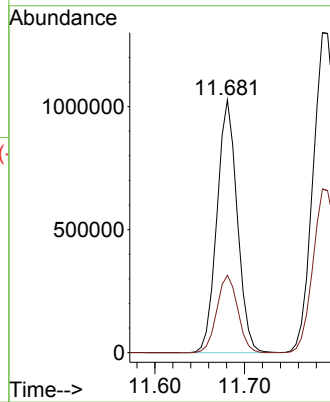
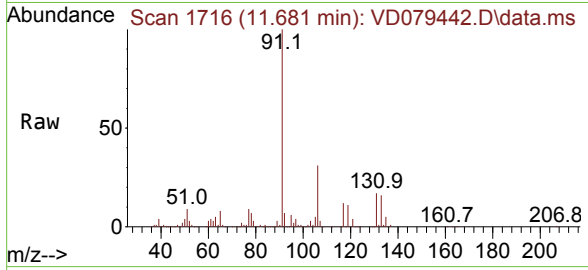




#67
Ethyl Benzene
Concen: 104.556 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

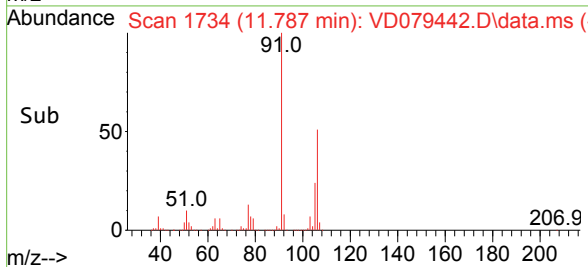
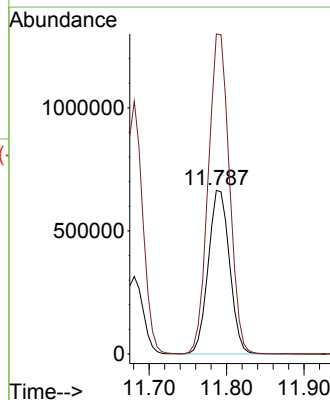
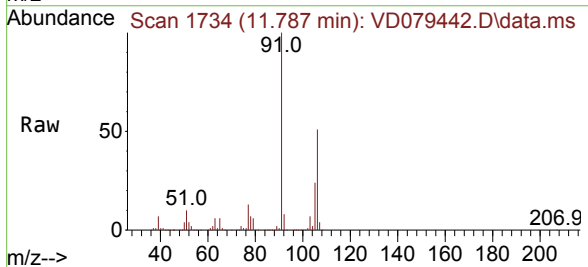
Instrument :
MSVOA_D
ClientSampleId :

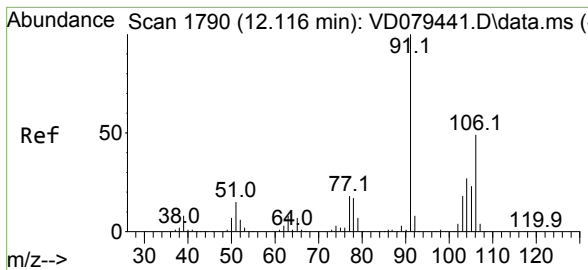
Tgt Ion: 91 Resp: 1612494
Ion Ratio Lower Upper
91 100
106 30.6 25.8 38.6



#68
m/p-Xylenes
Concen: 207.147 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion:106 Resp: 1267445
Ion Ratio Lower Upper
106 100
91 194.4 148.5 222.7

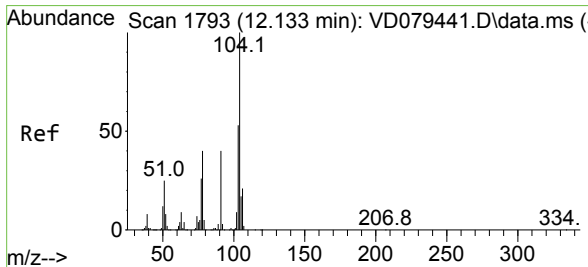
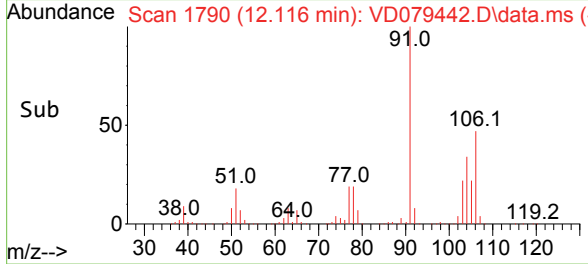
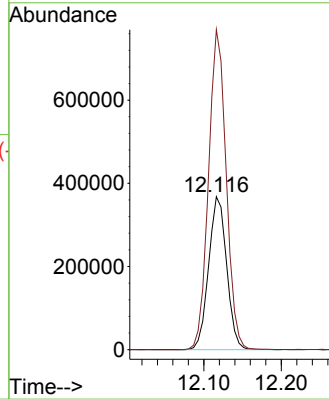
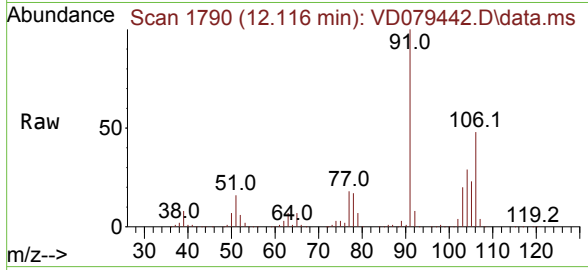




#69
o-Xylene
Concen: 106.267 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

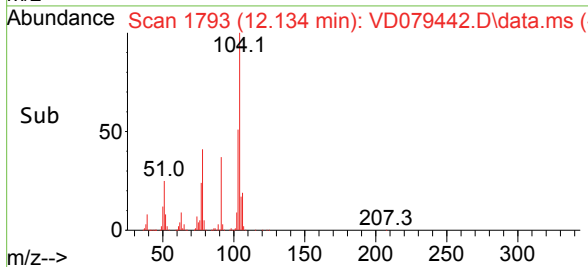
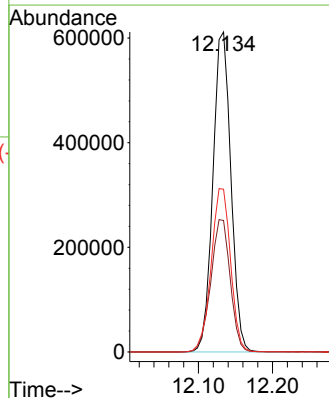
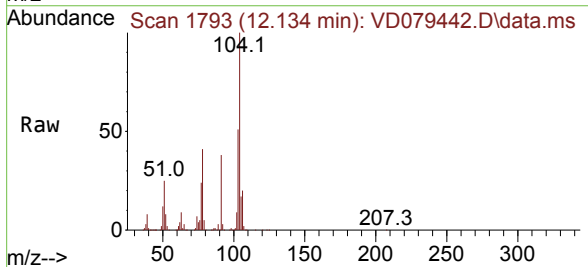
Instrument :
MSVOA_D
ClientSampleId :

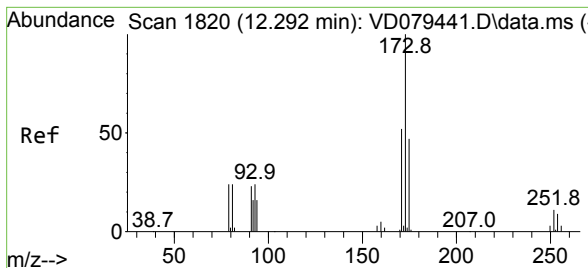
Tgt Ion:106 Resp: 595977
Ion Ratio Lower Upper
106 100
91 205.1 96.7 290.1



#70
Styrene
Concen: 104.905 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Tgt Ion:104 Resp: 1031466
Ion Ratio Lower Upper
104 100
78 44.8 33.0 49.6
103 55.1 44.2 66.4





#71

Bromoform

Concen: 98.425 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.006 min

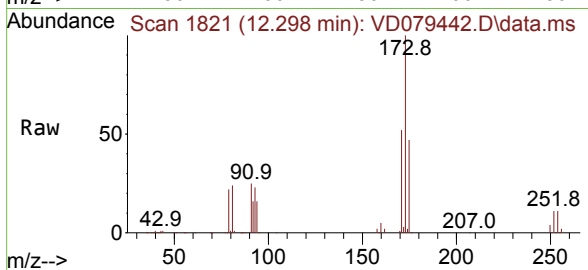
Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

ClientSampleId :



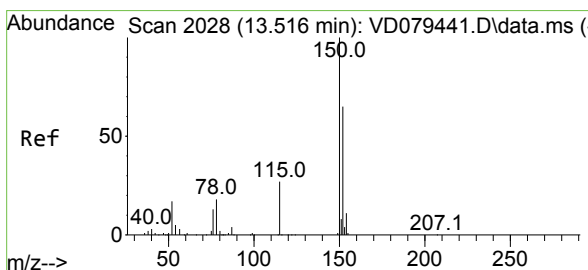
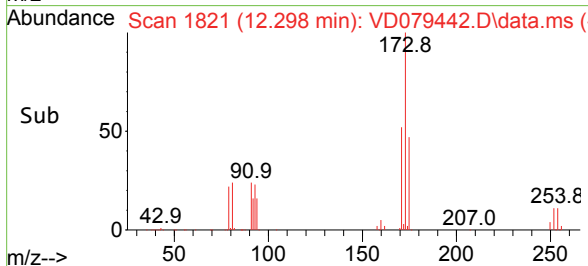
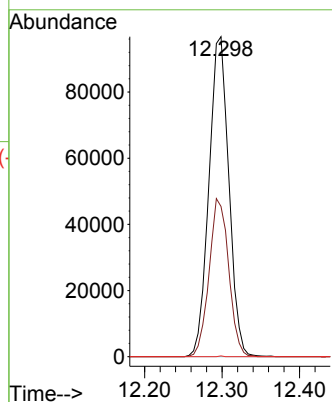
Tgt Ion:173 Resp: 172463

Ion Ratio Lower Upper

173 100

175 48.7 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: VD079442.D

Acq: 29 Jul 2024 18:07

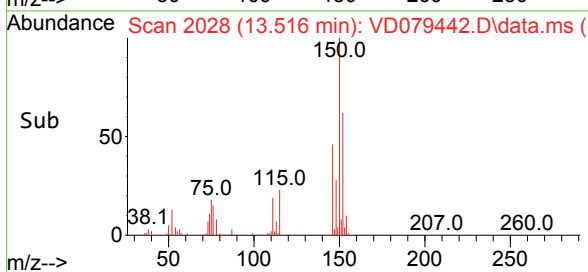
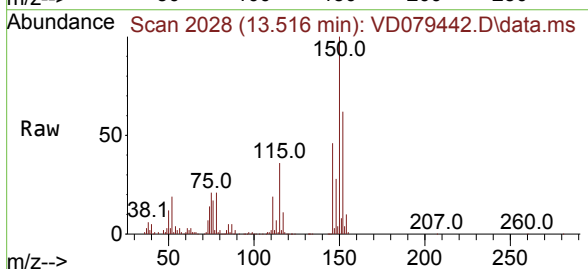
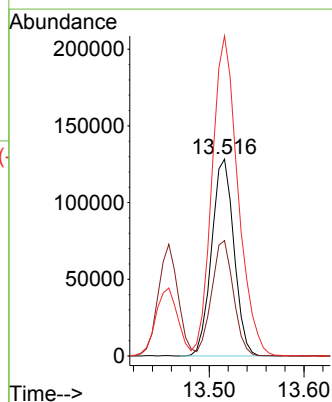
Tgt Ion:152 Resp: 210008

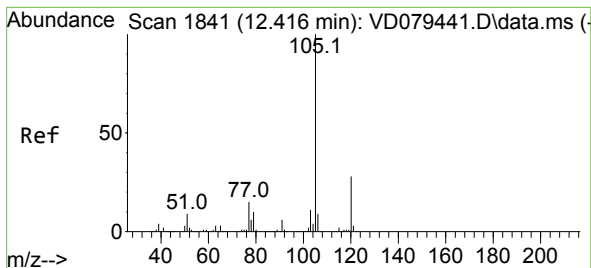
Ion Ratio Lower Upper

152 100

115 57.1 26.5 79.5

150 189.0 0.0 341.6





#73

Isopropylbenzene

Concen: 92.025 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

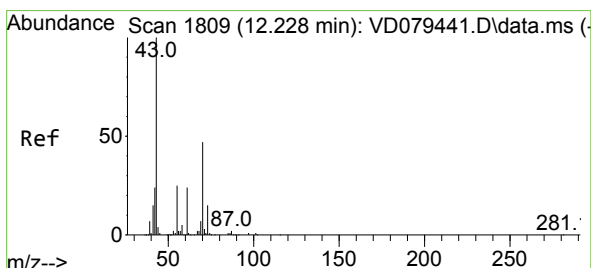
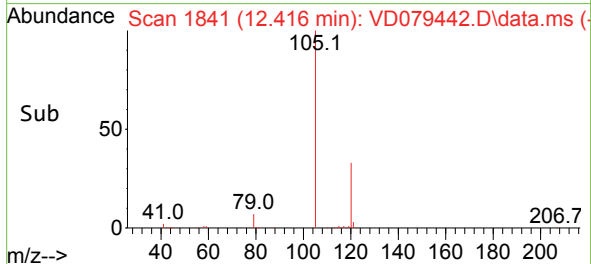
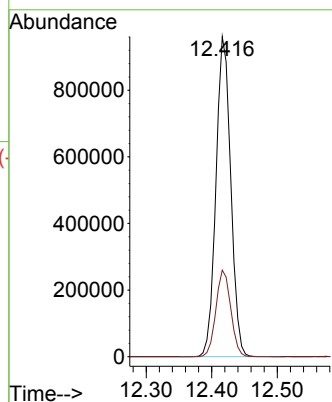
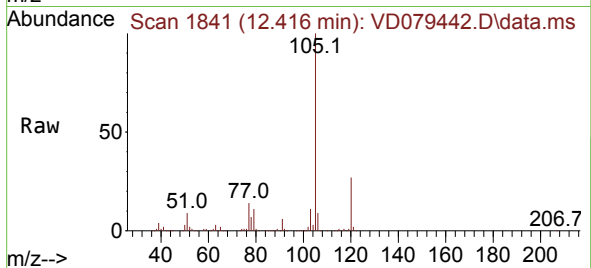
ClientSampleId :

Tgt Ion:105 Resp: 1499159

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 110.980 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Tgt Ion: 43 Resp: 342801

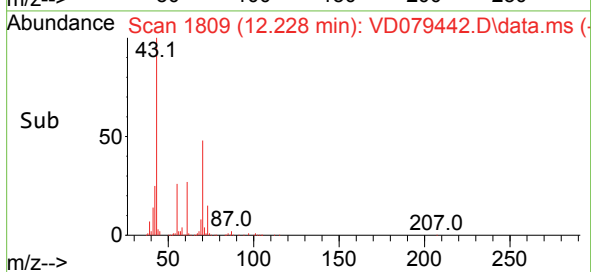
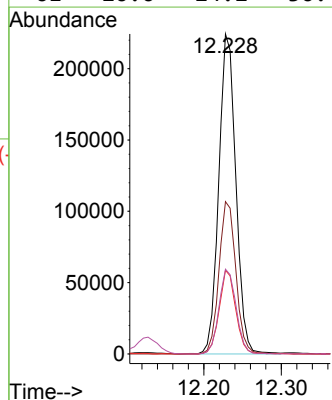
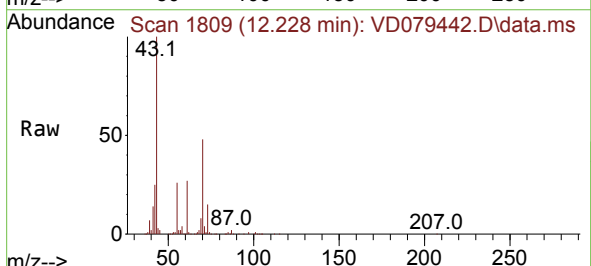
Ion Ratio Lower Upper

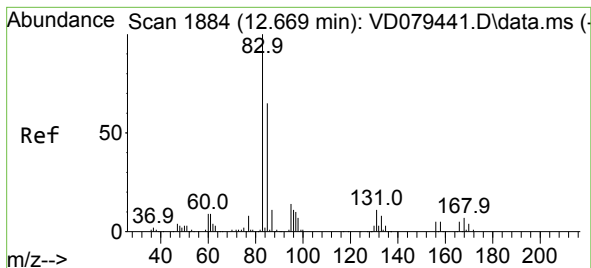
43 100

70 47.2 44.3 66.5

55 25.4 23.2 34.8

61 26.6 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 98.118 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

ClientSampleId :

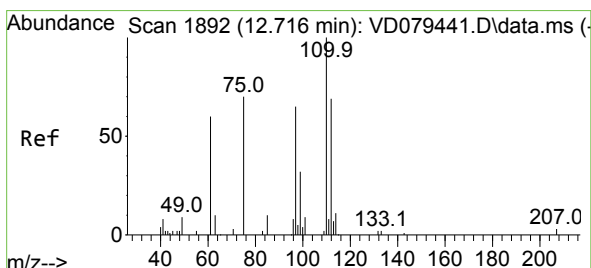
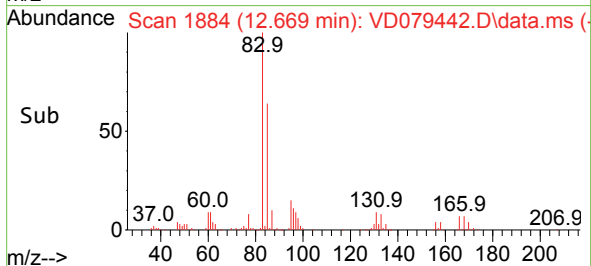
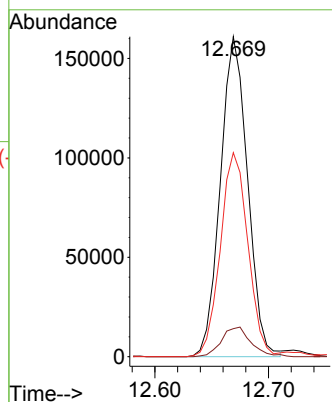
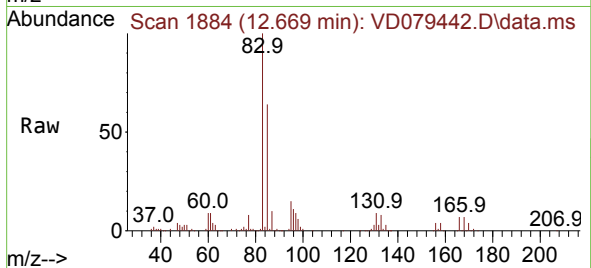
Tgt Ion: 83 Resp: 267687

Ion Ratio Lower Upper

83 100

131 10.0 5.5 16.5

85 64.8 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 188.066 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VD079442.D

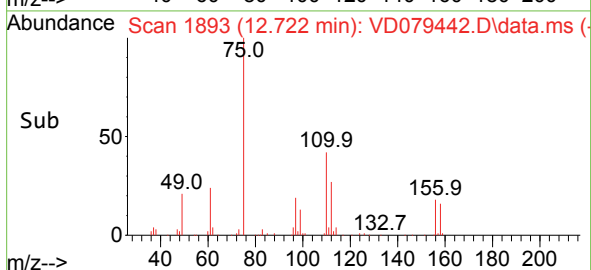
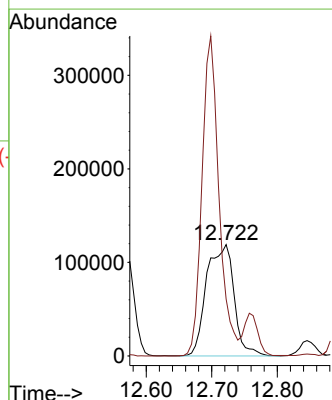
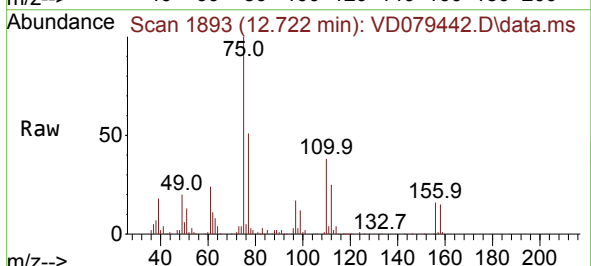
Acq: 29 Jul 2024 18:07

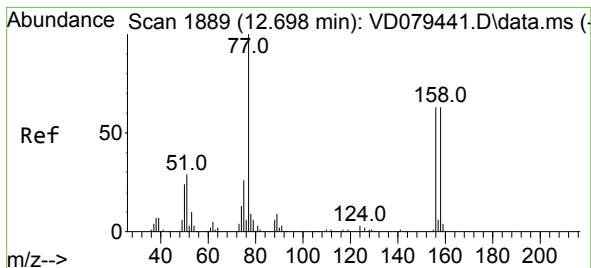
Tgt Ion: 75 Resp: 346503

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 99.290 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

ClientSampleId :

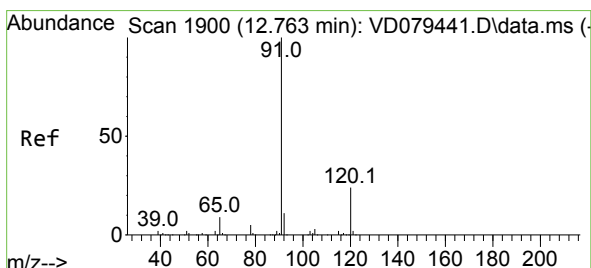
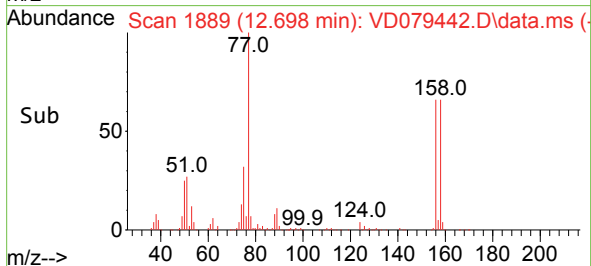
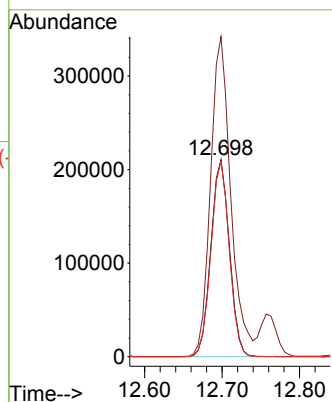
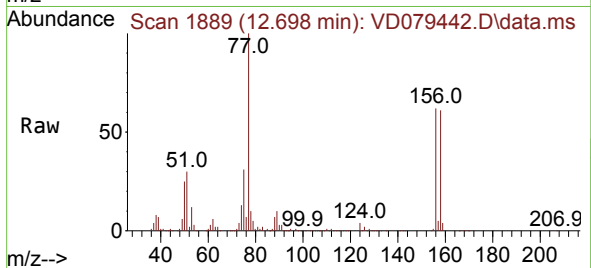
Tgt Ion:156 Resp: 349636

Ion Ratio Lower Upper

156 100

77 177.2 77.3 231.9

158 97.6 49.6 149.0



#78

n-propylbenzene

Concen: 105.013 ug/l

RT: 12.757 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VD079442.D

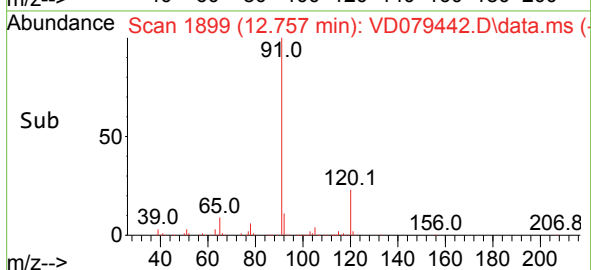
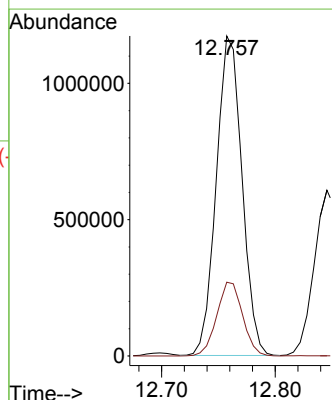
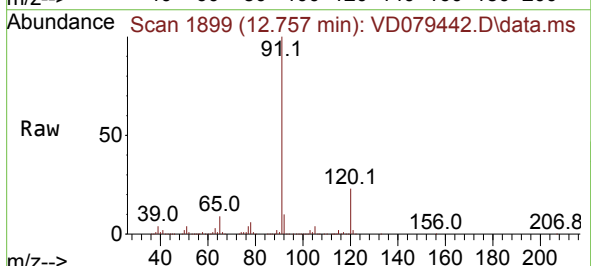
Acq: 29 Jul 2024 18:07

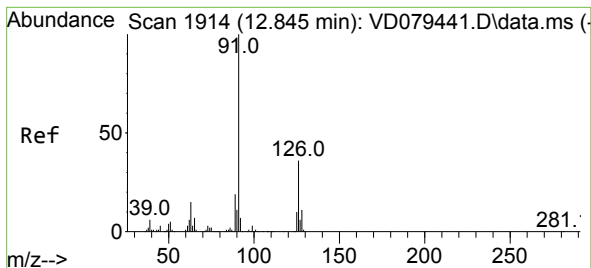
Tgt Ion: 91 Resp: 1843468

Ion Ratio Lower Upper

91 100

120 23.2 12.3 36.8





#79

2-Chlorotoluene

Concen: 101.627 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

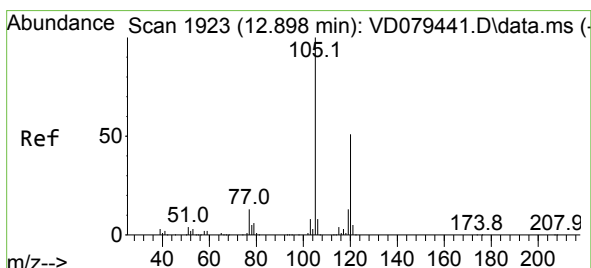
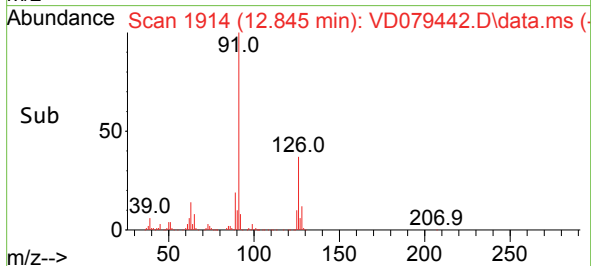
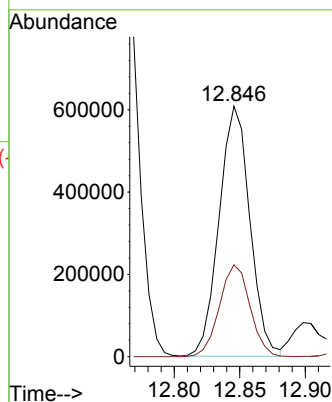
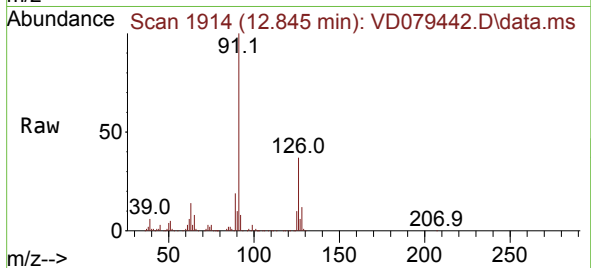
ClientSampleId :

Tgt Ion: 91 Resp: 993372

Ion Ratio Lower Upper

91 100

126 36.4 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 105.206 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VD079442.D

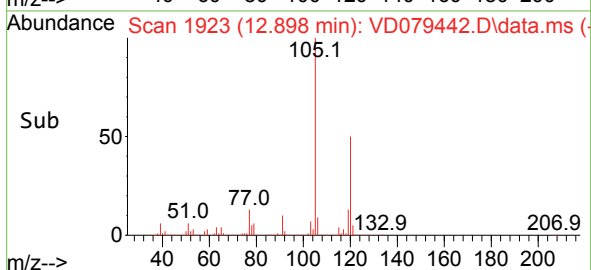
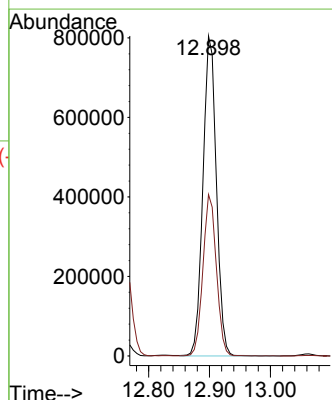
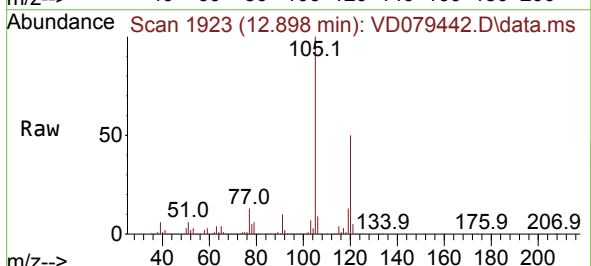
Acq: 29 Jul 2024 18:07

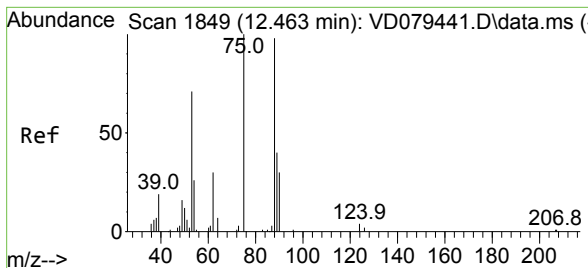
Tgt Ion:105 Resp: 1230742

Ion Ratio Lower Upper

105 100

120 50.5 25.7 77.1

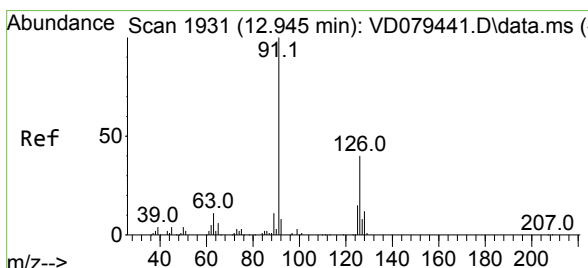
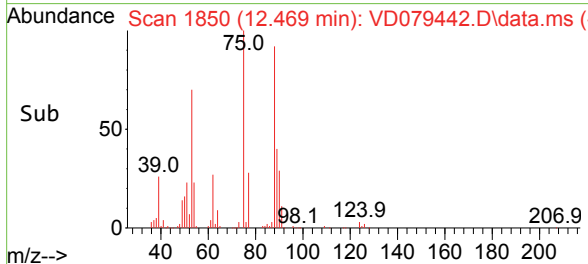
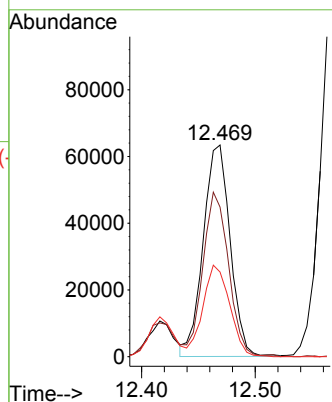
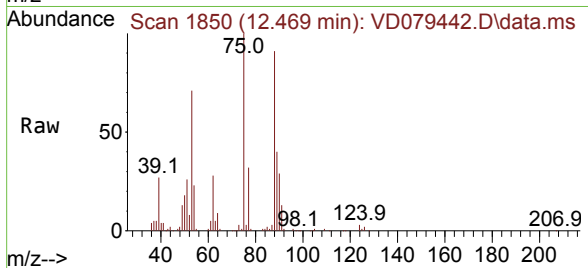




#81
trans-1,4-Dichloro-2-butene
Concen: 108.620 ug/l
RT: 12.469 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

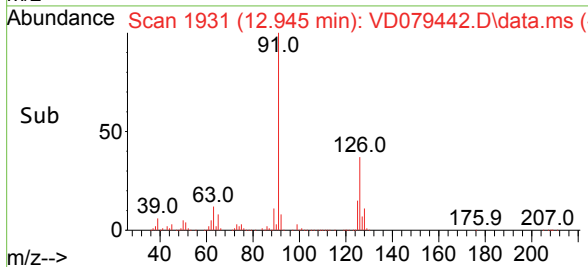
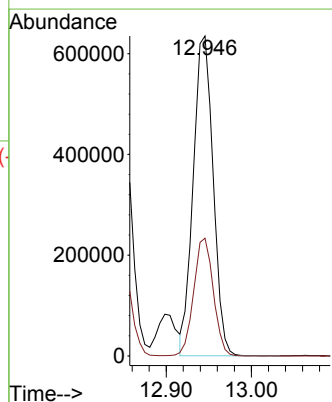
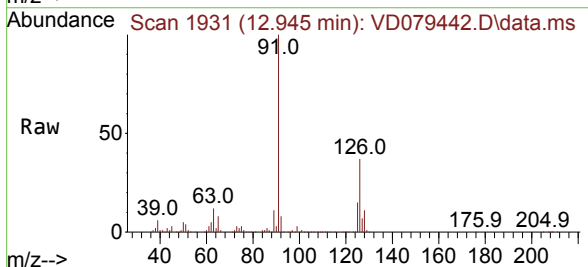
Instrument :
MSVOA_D
ClientSampleId :

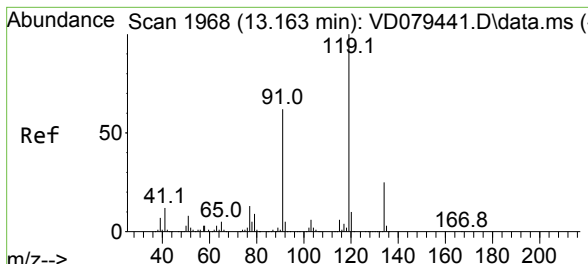
Tgt Ion: 75 Resp: 104543
Ion Ratio Lower Upper
75 100
53 73.8 61.4 92.2
89 42.8 35.4 53.0



#82
4-Chlorotoluene
Concen: 101.116 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

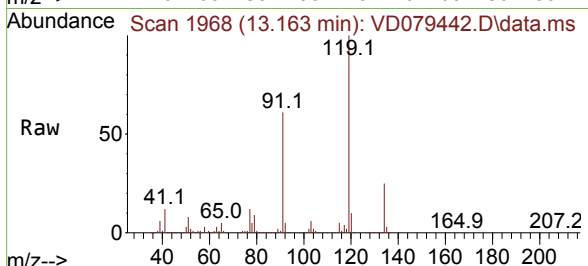
Tgt Ion: 91 Resp: 1030367
Ion Ratio Lower Upper
91 100
126 36.4 18.9 56.9





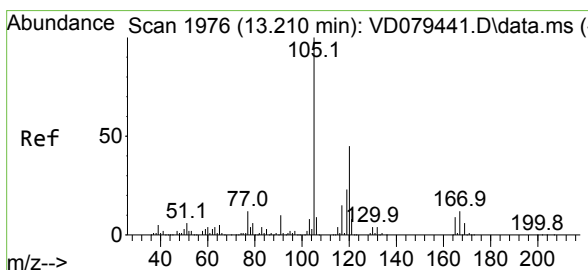
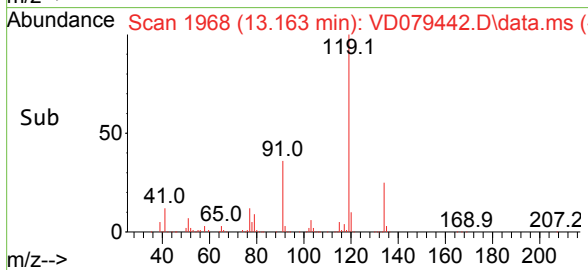
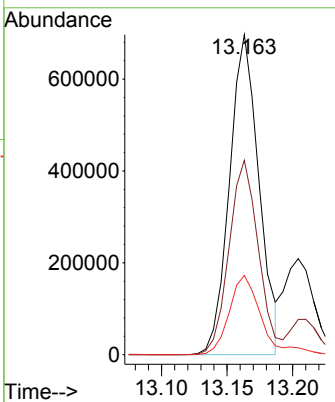
#83
 tert-Butylbenzene
 Concen: 92.918 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: VD079442.D
 Acq: 29 Jul 2024 18:07

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:119 Resp: 1090949

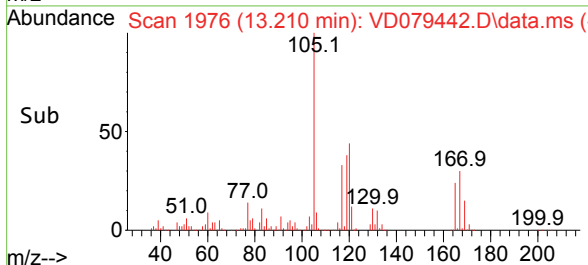
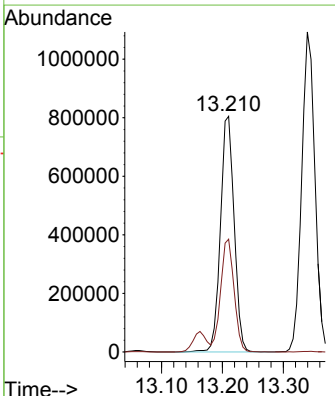
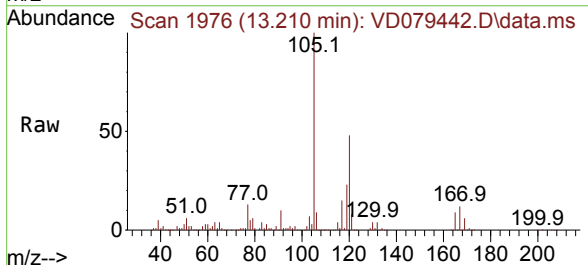
Ion	Ratio	Lower	Upper
119	100		
91	60.9	28.2	84.7
134	26.9	13.4	40.1

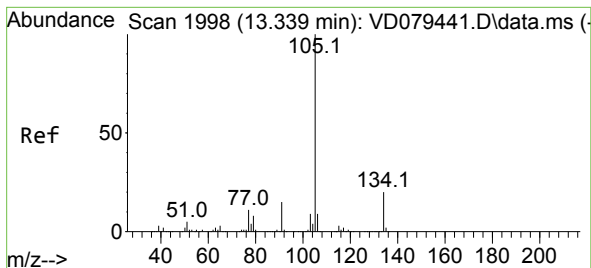


#84
 1,2,4-Trimethylbenzene
 Concen: 92.630 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD079442.D
 Acq: 29 Jul 2024 18:07

Tgt Ion:105 Resp: 1260466

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.6	71.0





#85

sec-Butylbenzene

Concen: 105.800 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.001 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

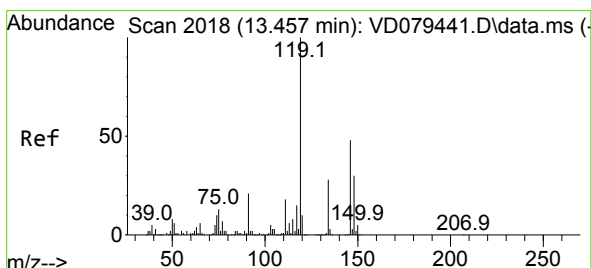
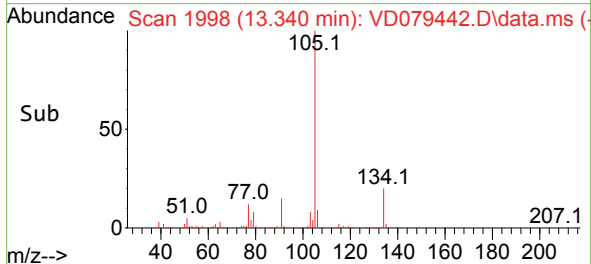
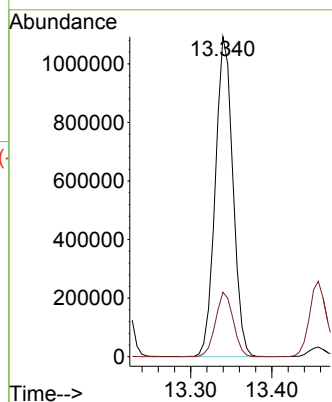
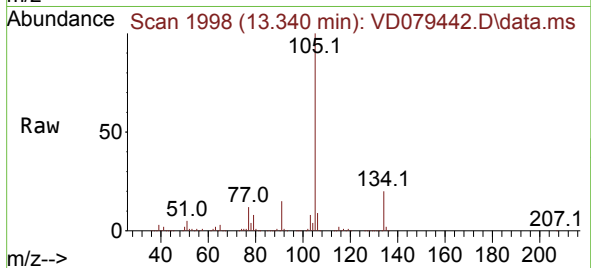
ClientSampleId :

Tgt Ion:105 Resp: 1646228

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



#86

p-Isopropyltoluene

Concen: 92.725 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

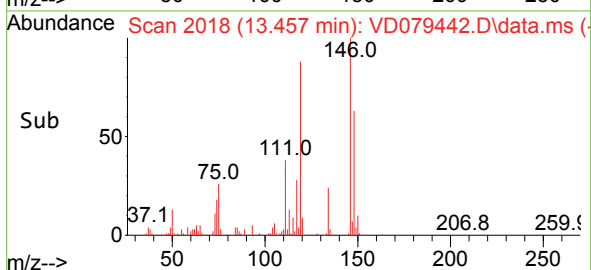
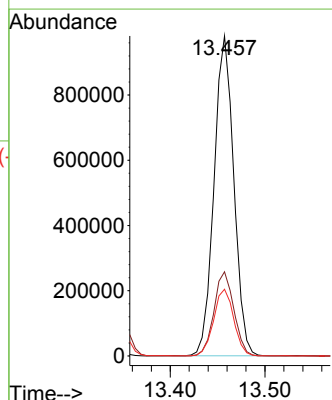
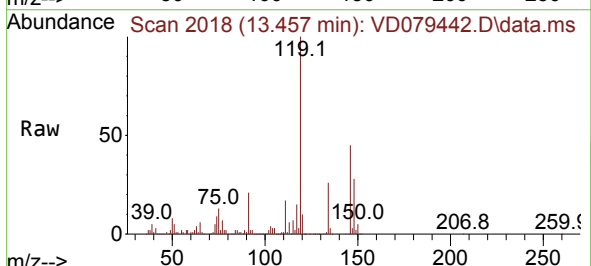
Tgt Ion:119 Resp: 1418343

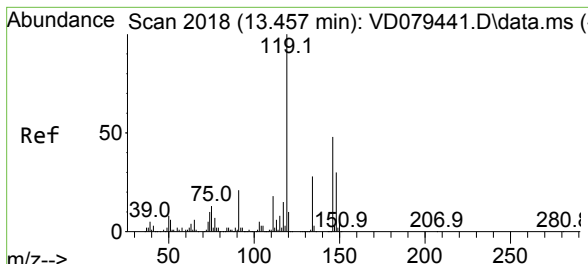
Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.1

91 21.2 10.7 32.1

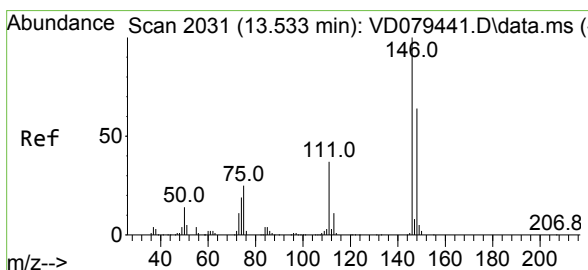
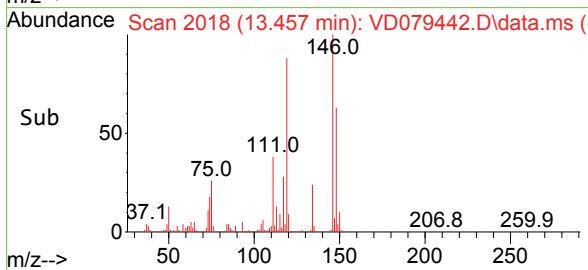
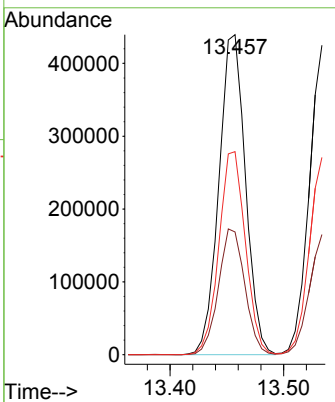
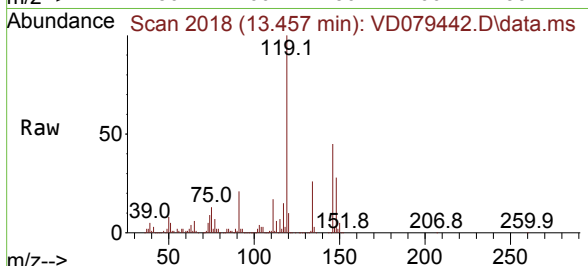




#87
 1,3-Dichlorobenzene
 Concen: 97.911 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD079442.D
 Acq: 29 Jul 2024 18:07

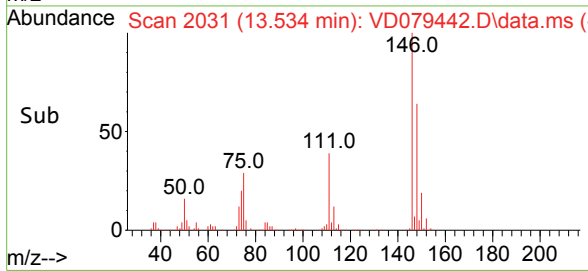
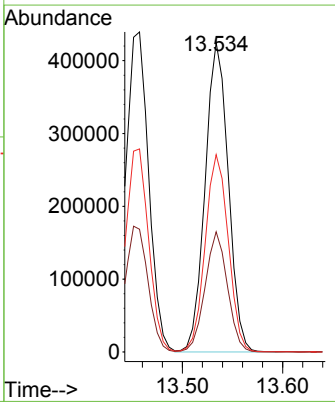
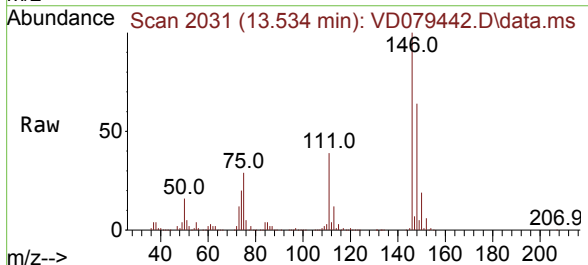
Instrument :
 MSVOA_D
 ClientSampleId :

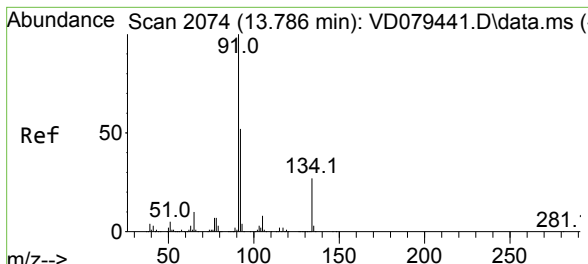
Tgt Ion:	146	Resp:	714184
Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.5	55.5
148	63.3	30.9	92.8



#88
 1,4-Dichlorobenzene
 Concen: 95.279 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.001 min
 Lab File: VD079442.D
 Acq: 29 Jul 2024 18:07

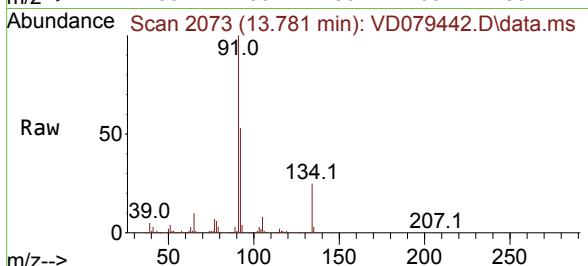
Tgt Ion:	146	Resp:	683272
Ion	Ratio	Lower	Upper
146	100		
111	37.3	17.5	52.6
148	63.5	31.4	94.2



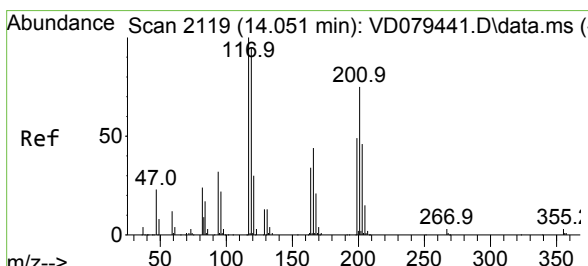
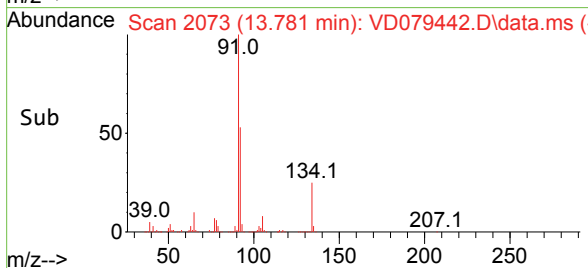
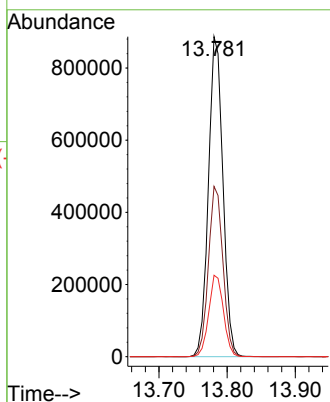


#89
n-Butylbenzene
Concen: 92.800 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.005 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

Instrument :
MSVOA_D
ClientSampleId :

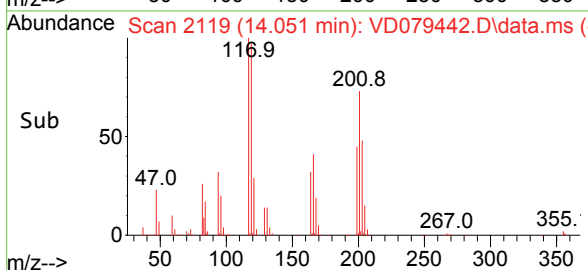
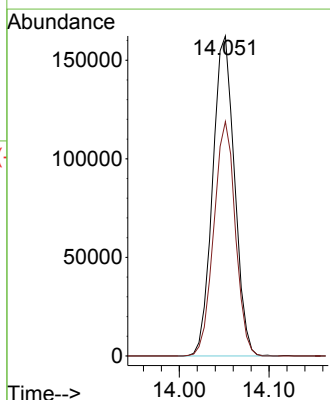
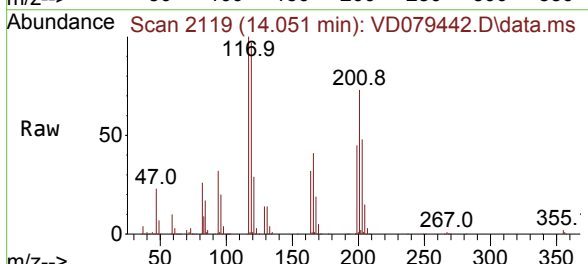


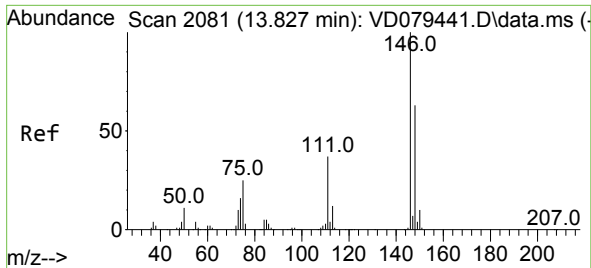
Tgt Ion: 91 Resp: 1309350
Ion Ratio Lower Upper
91 100
92 53.4 25.7 77.0
134 25.9 13.6 40.8



#90
Hexachloroethane
Concen: 100.780 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

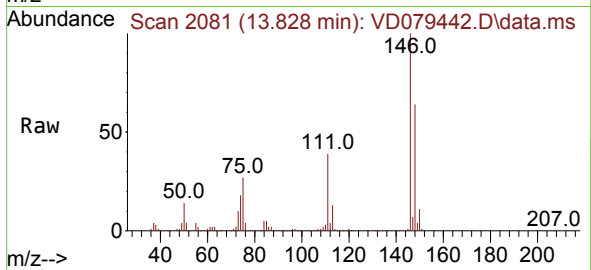
Tgt Ion: 117 Resp: 274276
Ion Ratio Lower Upper
117 100
201 72.1 36.3 108.9



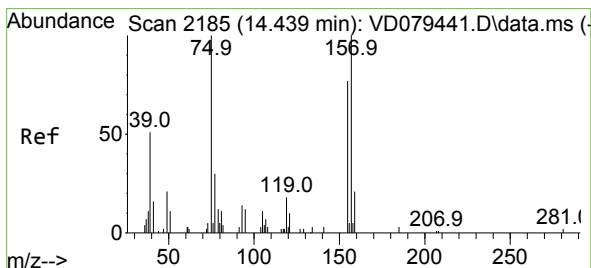
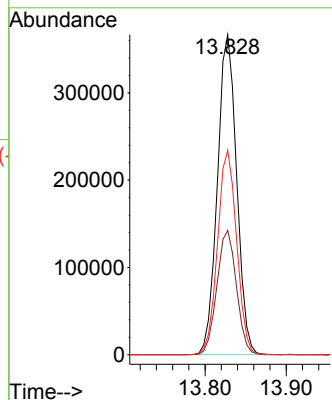
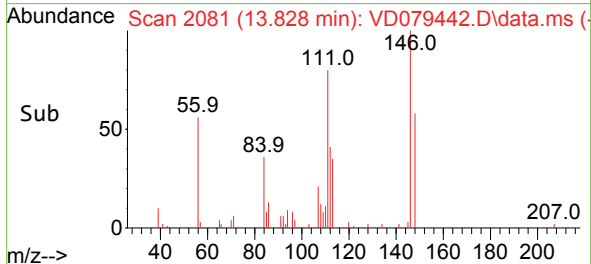


#91
1,2-Dichlorobenzene
Concen: 97.053 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.001 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07

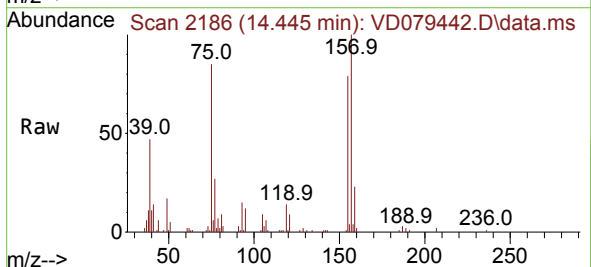
Instrument :
MSVOA_D
ClientSampleId :



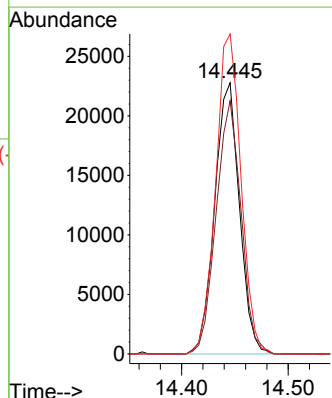
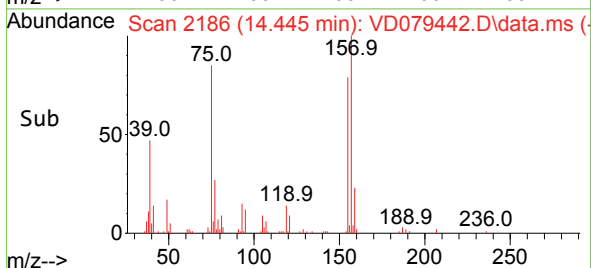
Tgt Ion:146 Resp: 605028
Ion Ratio Lower Upper
146 100
111 39.3 19.1 57.1
148 63.5 31.1 93.5

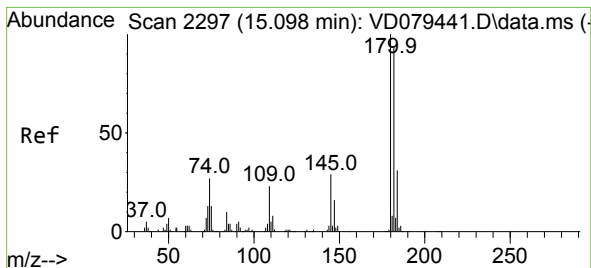


#92
1,2-Dibromo-3-Chloropropane
Concen: 101.033 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD079442.D
Acq: 29 Jul 2024 18:07



Tgt Ion: 75 Resp: 36676
Ion Ratio Lower Upper
75 100
155 94.0 47.7 143.1
157 121.0 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 102.896 ug/l

RT: 15.092 min Scan# 2296

Delta R.T. -0.006 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

ClientSampleId :

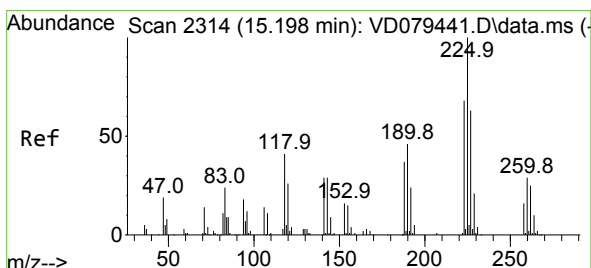
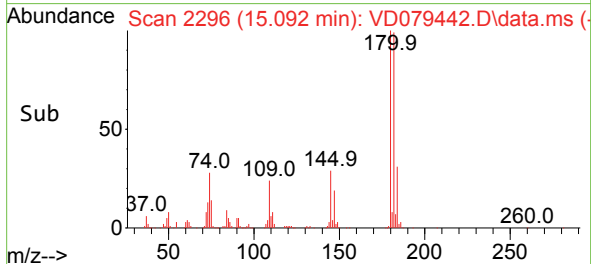
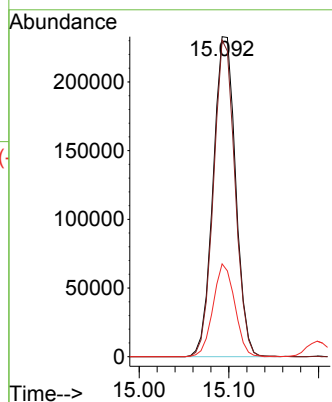
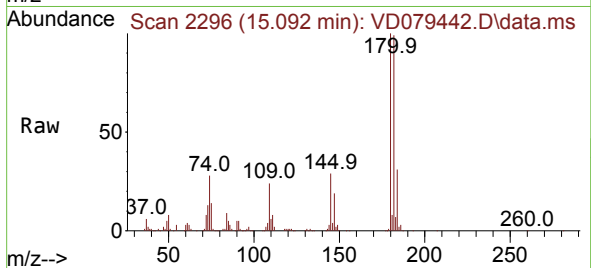
Tgt Ion:180 Resp: 404151

Ion Ratio Lower Upper

180 100

182 94.8 46.9 140.7

145 28.0 14.0 41.9



#94

Hexachlorobutadiene

Concen: 101.356 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

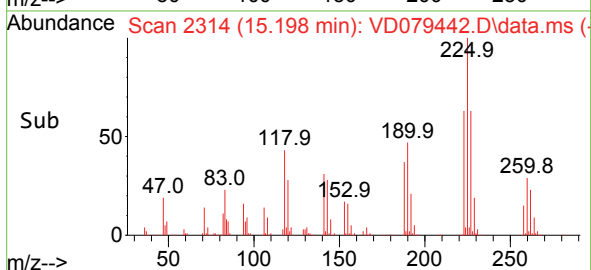
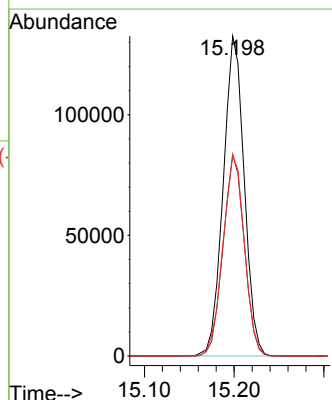
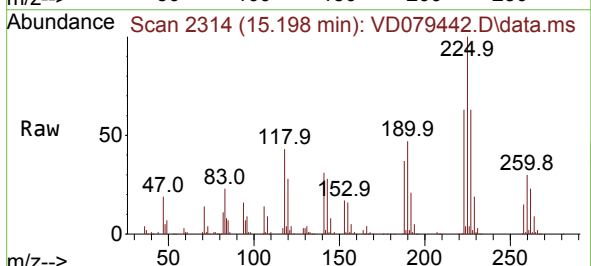
Tgt Ion:225 Resp: 214861

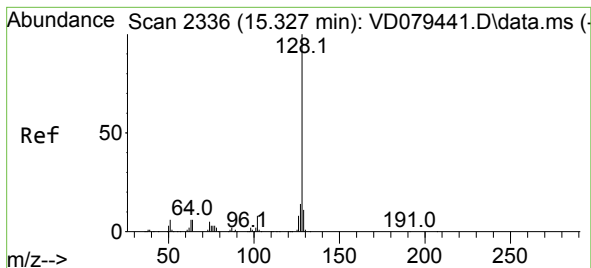
Ion Ratio Lower Upper

225 100

223 63.5 33.3 99.9

227 64.4 33.6 100.6





#95

Naphthalene

Concen: 112.473 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Instrument :

MSVOA_D

ClientSampleId :

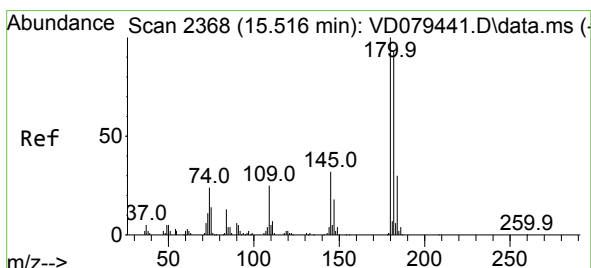
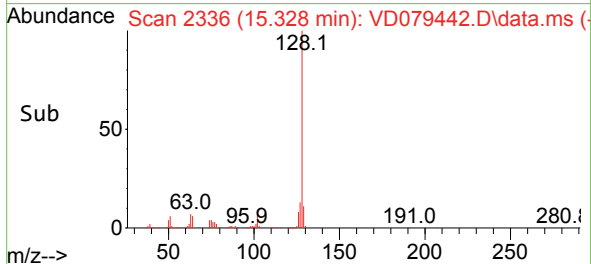
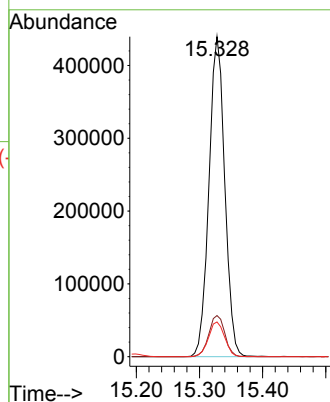
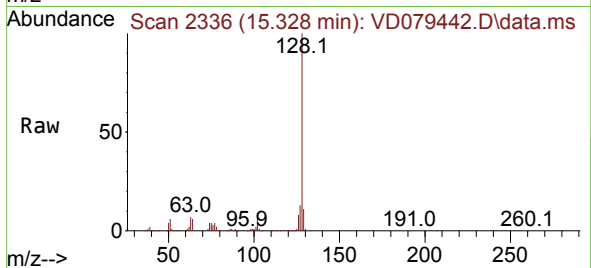
Tgt Ion:128 Resp: 764612

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 101.825 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD079442.D

Acq: 29 Jul 2024 18:07

Tgt Ion:180 Resp: 351810

Ion Ratio Lower Upper

180 100

182 95.1 47.8 143.3

145 30.4 16.1 48.2

