

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079592.D
 Acq On : 05 Aug 2024 20:29
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 06 02:50:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	228678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	404300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	402815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	196792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	119988	51.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.300%
35) Dibromofluoromethane	7.804	113	126539	46.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.480%
50) Toluene-d8	10.269	98	504678	47.491	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.980%
62) 4-Bromofluorobenzene	12.569	95	159929	52.006	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.020%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	89225	49.798	ug/l	99
3) Chloromethane	2.146	50	177452	53.751	ug/l	95
4) Vinyl Chloride	2.281	62	206728	52.665	ug/l	100
5) Bromomethane	2.681	94	122076	49.231	ug/l	97
6) Chloroethane	2.828	64	113422	44.966	ug/l	98
7) Trichlorofluoromethane	3.169	101	198661	50.890	ug/l	95
8) Diethyl Ether	3.593	74	66616	56.492	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.963	101	125171	50.697	ug/l	96
10) Methyl Iodide	4.157	142	155107	51.520	ug/l	97
11) Tert butyl alcohol	5.051	59	35106	326.955	ug/l #	85
12) 1,1-Dichloroethene	3.934	96	124310	50.311	ug/l	85
13) Acrolein	3.793	56	33868	206.990	ug/l	94
14) Allyl chloride	4.557	41	171887	52.682	ug/l	88
15) Acrylonitrile	5.257	53	160233	290.786	ug/l	98
16) Acetone	4.022	43	118908	263.370	ug/l	96
17) Carbon Disulfide	4.263	76	405565	49.727	ug/l	99
18) Methyl Acetate	4.563	43	79772	56.908	ug/l #	83
19) Methyl tert-butyl Ether	5.322	73	294287	58.350	ug/l	99
20) Methylene Chloride	4.798	84	191572	59.470	ug/l #	86
21) trans-1,2-Dichloroethene	5.304	96	147572	53.166	ug/l	87
22) Diisopropyl ether	6.216	45	426337	58.728	ug/l #	94
23) Vinyl Acetate	6.151	43	1652622	302.839	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	266754	54.833	ug/l	97
25) 2-Butanone	7.081	43	181729	283.916	ug/l	93
26) 2,2-Dichloropropane	7.075	77	195079	49.575	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	172497	54.369	ug/l	89
28) Bromochloromethane	7.422	49	112371	52.675	ug/l #	72
29) Tetrahydrofuran	7.445	42	118362	298.384	ug/l #	82
30) Chloroform	7.598	83	268907	54.583	ug/l	97
31) Cyclohexane	7.875	56	192249	49.828	ug/l	84
32) 1,1,1-Trichloroethane	7.792	97	215596	53.034	ug/l	98
36) 1,1-Dichloropropene	8.004	75	184795	49.476	ug/l	96
37) Ethyl Acetate	7.169	43	85366	55.745	ug/l #	93
38) Carbon Tetrachloride	7.987	117	188771	48.077	ug/l	95
39) Methylcyclohexane	9.275	83	220074	49.383	ug/l	92
40) Benzene	8.251	78	608423	51.287	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	44146	52.409	ug/l	86
42) 1,2-Dichloroethane	8.322	62	147446	52.158	ug/l	96
43) Isopropyl Acetate	8.363	43	158074	54.923	ug/l #	93
44) Trichloroethene	9.028	130	142779	48.349	ug/l	97
45) 1,2-Dichloropropane	9.304	63	153383	53.129	ug/l	97
46) Dibromomethane	9.392	93	85626	53.501	ug/l	92
47) Bromodichloromethane	9.581	83	210128	53.470	ug/l	98
48) Methyl methacrylate	9.381	41	74855	58.116	ug/l	82
49) 1,4-Dioxane	9.381	88	19097	1151.544	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	436200	296.856	ug/l	94
52) Toluene	10.334	92	386126	52.628	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	195455	53.858	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	232852	53.342	ug/l	95
55) 1,1,2-Trichloroethane	10.733	97	113249	53.716	ug/l	95
56) Ethyl methacrylate	10.598	69	146369	58.593	ug/l	89
57) 1,3-Dichloropropane	10.875	76	196844	54.945	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	313490	272.118	ug/l	91
59) 2-Hexanone	10.922	43	300633	293.359	ug/l	98
60) Dibromochloromethane	11.069	129	145204	52.722	ug/l	98
61) 1,2-Dibromoethane	11.181	107	106089	53.713	ug/l	93
64) Tetrachloroethene	10.810	164	124160	45.711	ug/l	96
65) Chlorobenzene	11.604	112	435574	48.832	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	149057	50.790	ug/l	95
67) Ethyl Benzene	11.681	91	752366	51.524	ug/l	98
68) m/p-Xylenes	11.792	106	586538	101.245	ug/l	94
69) o-Xylene	12.116	106	282186	53.141	ug/l	92
70) Styrene	12.133	104	486265	52.233	ug/l	97
71) Bromoform	12.298	173	82371	49.649	ug/l #	100
73) Isopropylbenzene	12.416	105	712512	48.462	ug/l	99
74) N-amyl acetate	12.233	43	167351	57.818	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	137723	53.871	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	169090	98.299	ug/l #	100
77) Bromobenzene	12.698	156	164725	49.920	ug/l	88
78) n-propylbenzene	12.757	91	860794	52.328	ug/l	98
79) 2-Chlorotoluene	12.845	91	475162	51.876	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	578809	52.801	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	47664	52.849	ug/l	97
82) 4-Chlorotoluene	12.945	91	491837	51.508	ug/l	97
83) tert-Butylbenzene	13.163	119	508739	48.063	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	591556	48.104	ug/l	99
85) sec-Butylbenzene	13.339	105	758333	52.010	ug/l	100
86) p-Isopropyltoluene	13.457	119	648089	47.206	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	333890	48.849	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	325795	48.481	ug/l	98
89) n-Butylbenzene	13.780	91	617546	48.586	ug/l	99
90) Hexachloroethane	14.051	117	128685	50.460	ug/l	97
91) 1,2-Dichlorobenzene	13.827	146	290246	49.685	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	20041	58.915	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	194046	52.722	ug/l	98
94) Hexachlorobutadiene	15.198	225	94783	47.714	ug/l	99
95) Naphthalene	15.327	128	390259	61.262	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	174265	53.825	ug/l	99

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Response via : Initial Calibration

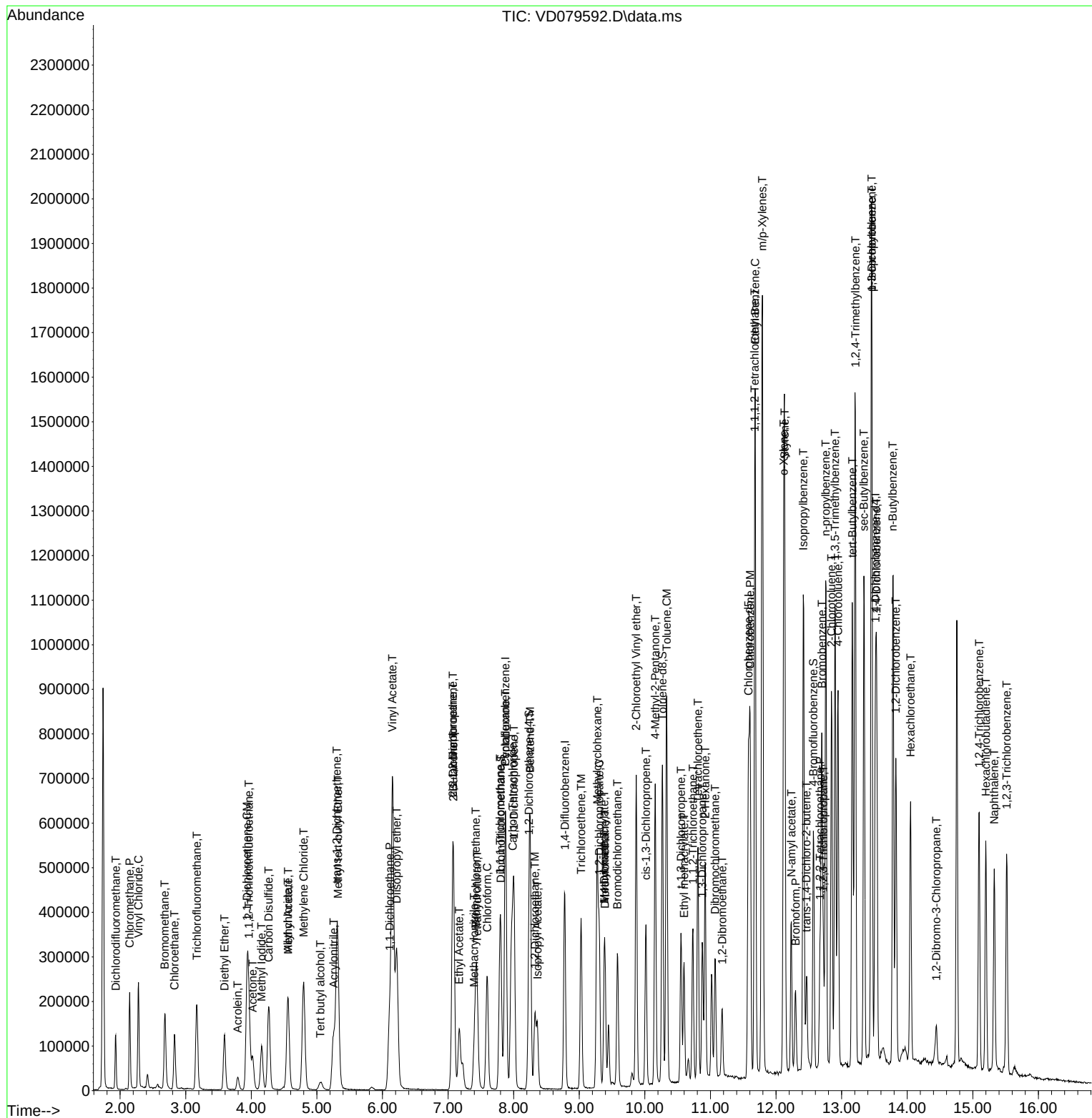
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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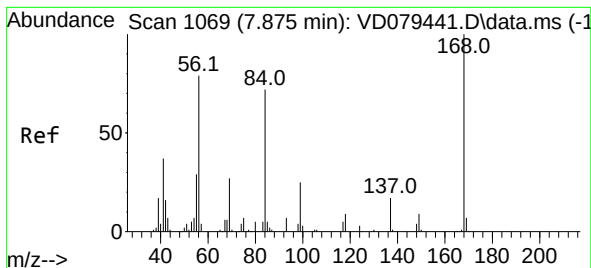
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

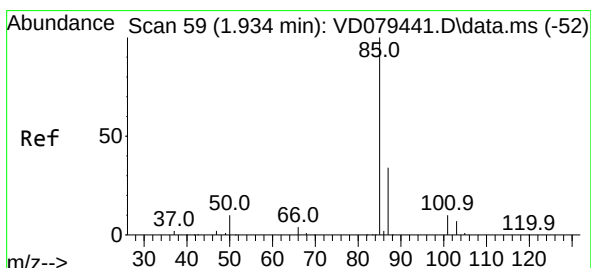
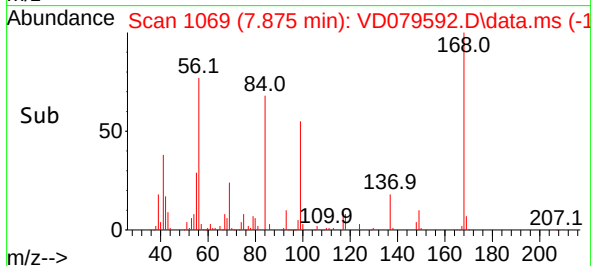
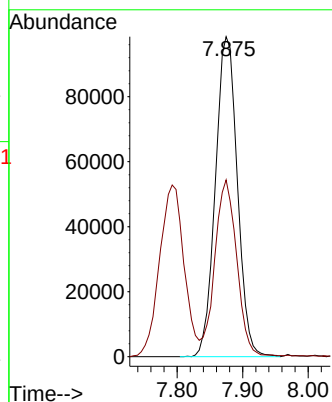
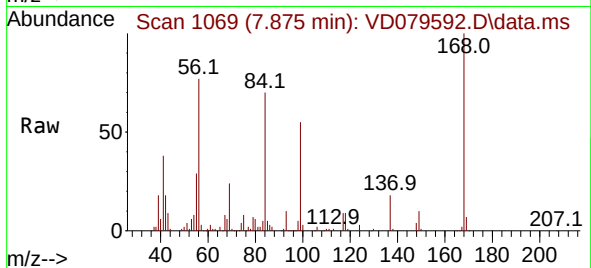
ClientSampleId :

Tgt Ion:168 Resp: 228678

Ion Ratio Lower Upper

168 100

99 54.9 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 49.798 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD079592.D

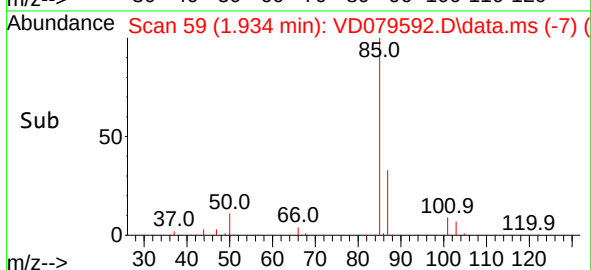
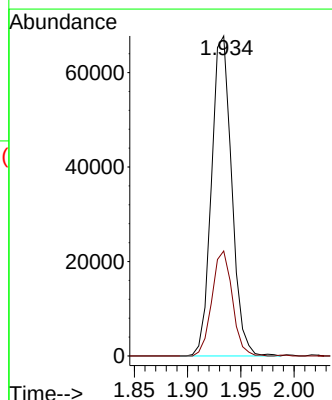
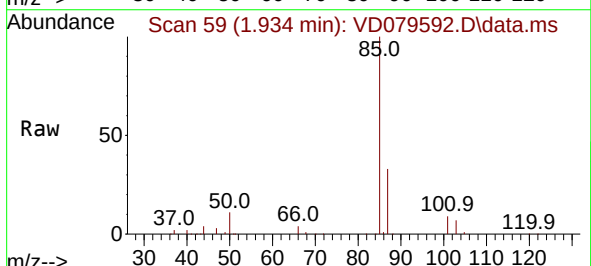
Acq: 05 Aug 2024 20:29

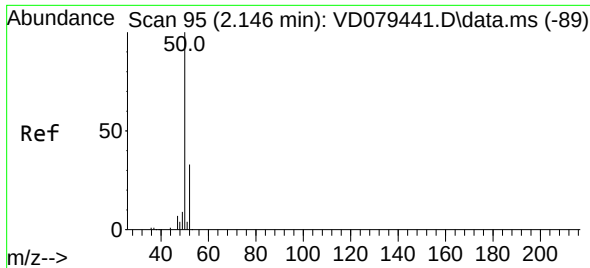
Tgt Ion: 85 Resp: 89225

Ion Ratio Lower Upper

85 100

87 32.8 16.0 48.0

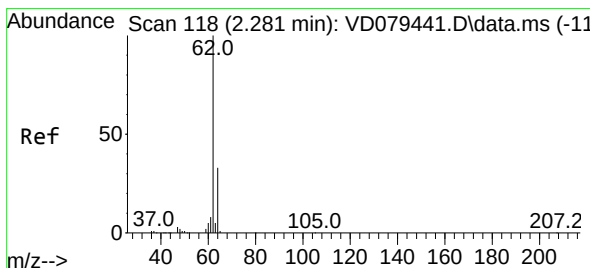
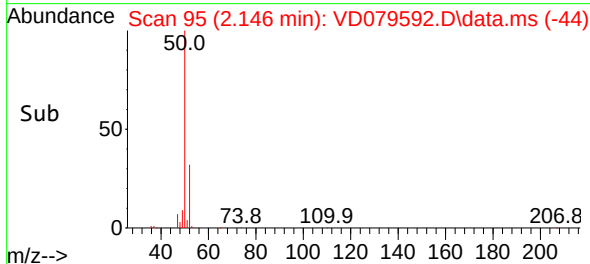
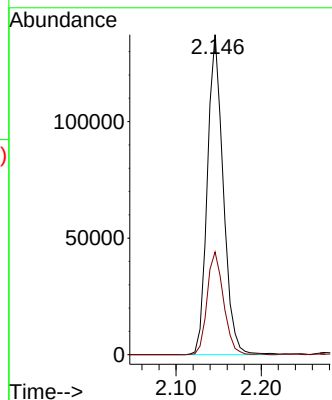
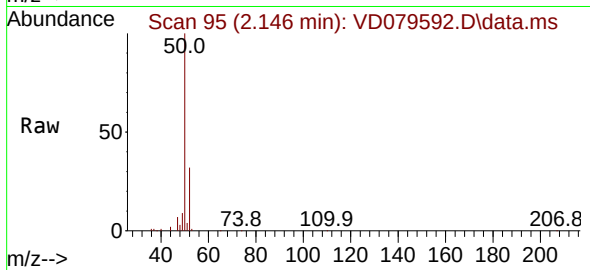




#3
Chloromethane
Concen: 53.751 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

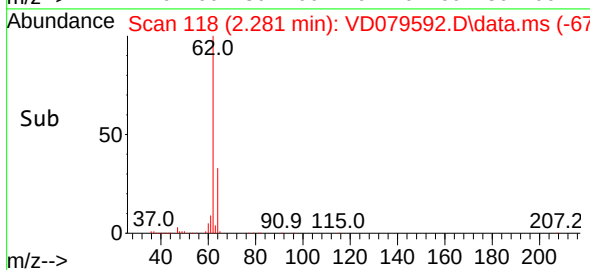
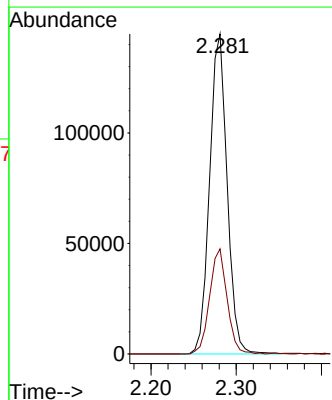
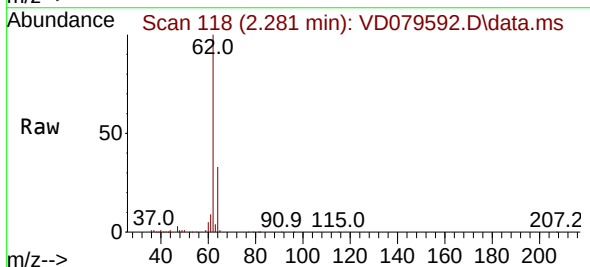
Instrument :
MSVOA_D
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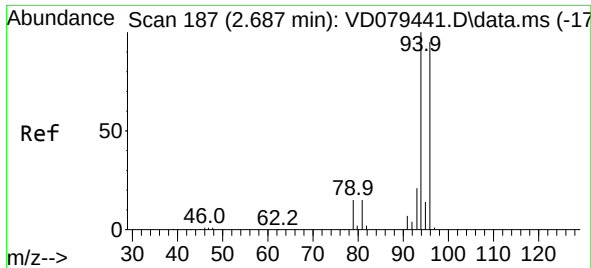
Tgt Ion: 50 Resp: 177452
Ion Ratio Lower Upper
50 100
52 32.1 28.2 42.2



#4
Vinyl Chloride
Concen: 52.665 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion: 62 Resp: 206728
Ion Ratio Lower Upper
62 100
64 32.9 26.3 39.5

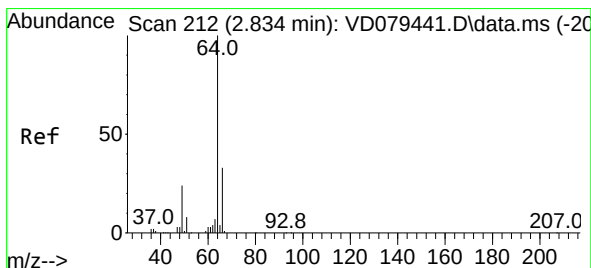
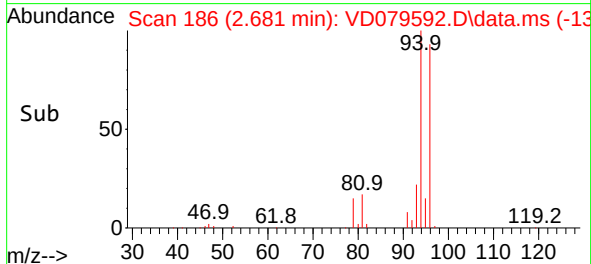
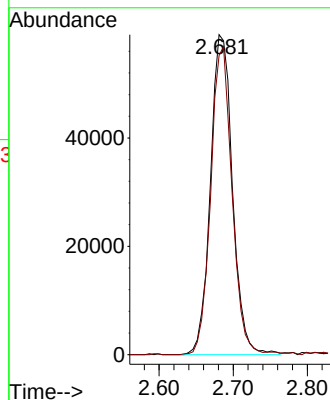
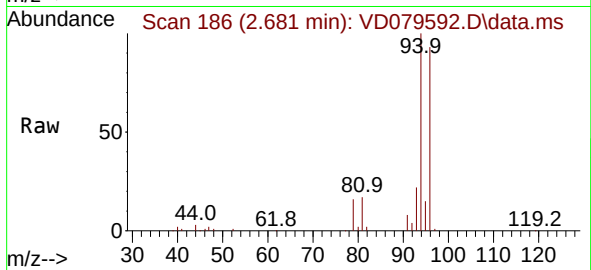




#5
Bromomethane
Concen: 49.231 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

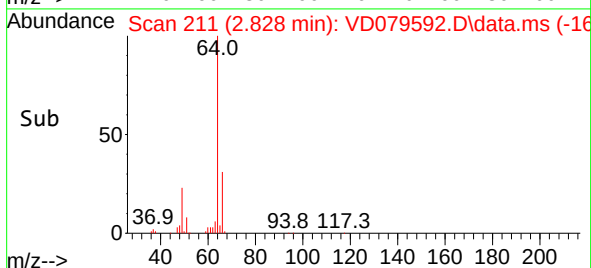
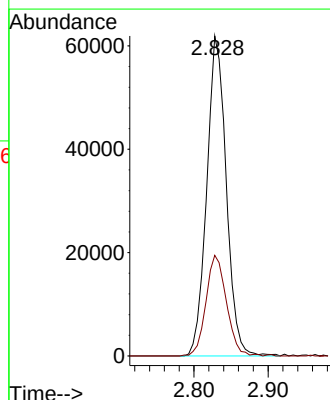
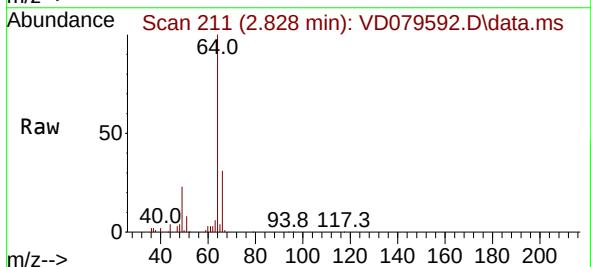
Instrument :
MSVOA_D
ClientSampleId :

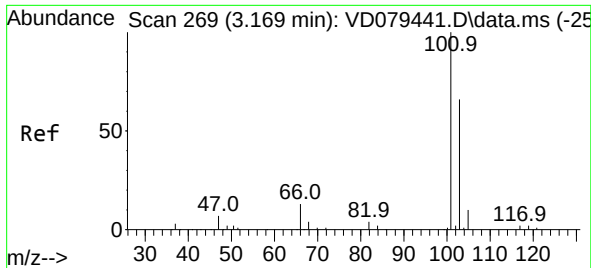
Tgt Ion: 94 Resp: 122076
Ion Ratio Lower Upper
94 100
96 93.3 76.9 115.3



#6
Chloroethane
Concen: 44.966 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

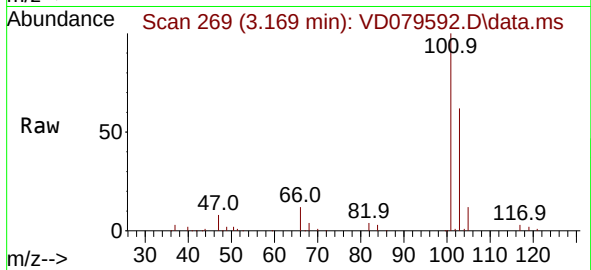
Tgt Ion: 64 Resp: 113422
Ion Ratio Lower Upper
64 100
66 31.5 24.5 36.7



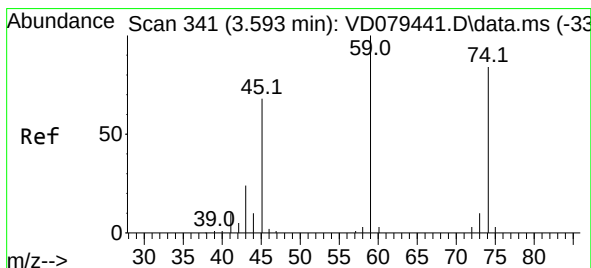
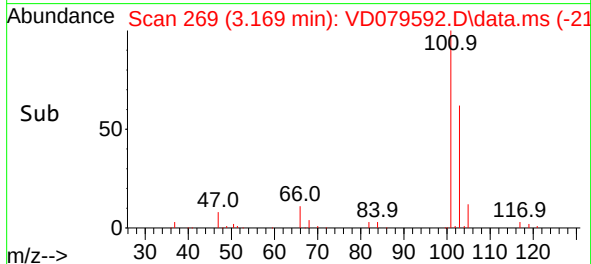
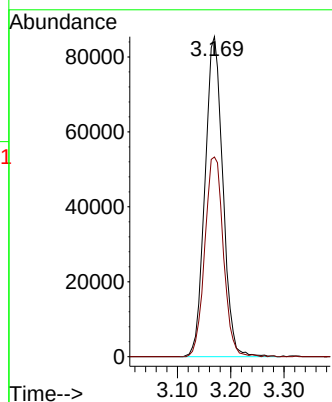


#7
 Trichlorofluoromethane
 Concen: 50.890 ug/l
 RT: 3.169 min Scan# 269
 Delta R.T. -0.000 min
 Lab File: VD079592.D
 Acq: 05 Aug 2024 20:29

Instrument :
 MSVOA_D
 ClientSampleId :

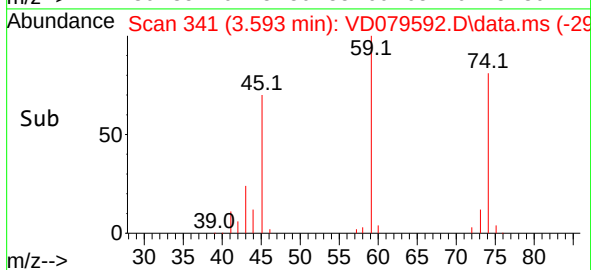
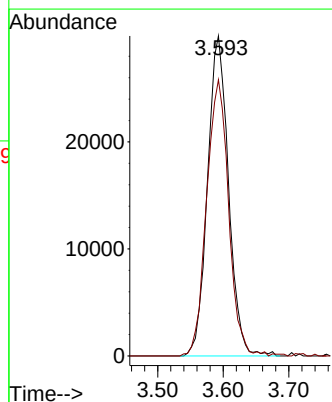
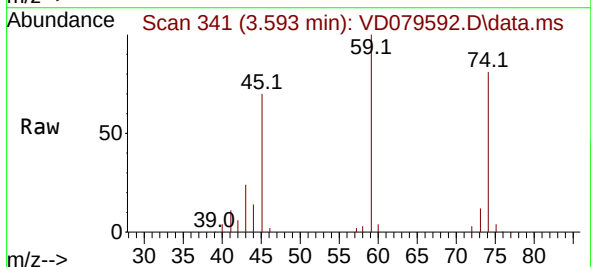


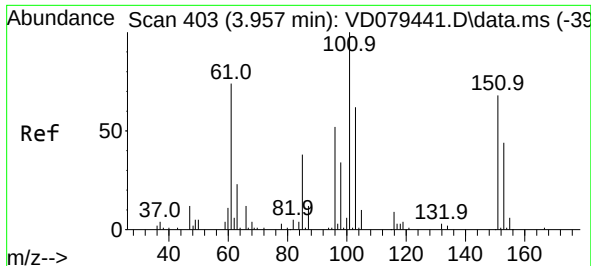
Tgt Ion:101 Resp: 198661
 Ion Ratio Lower Upper
 101 100
 103 62.4 53.2 79.8



#8
 Diethyl Ether
 Concen: 56.492 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
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 Acq: 05 Aug 2024 20:29

Tgt Ion: 74 Resp: 66616
 Ion Ratio Lower Upper
 74 100
 45 90.5 37.9 113.6

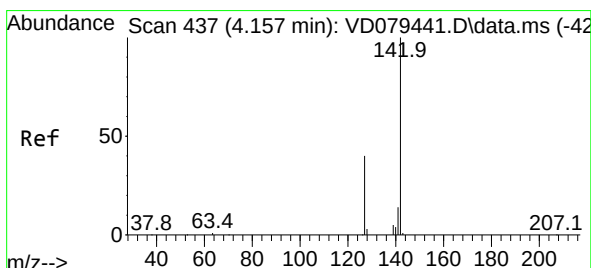
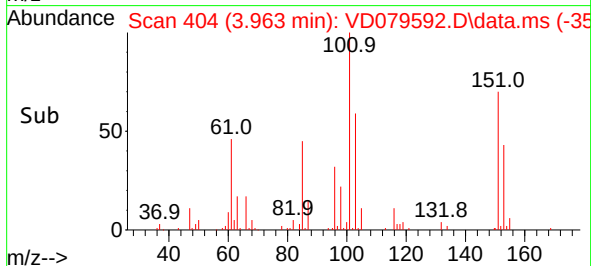
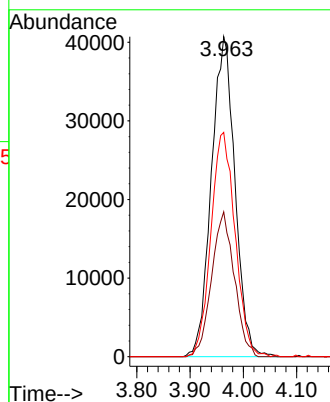
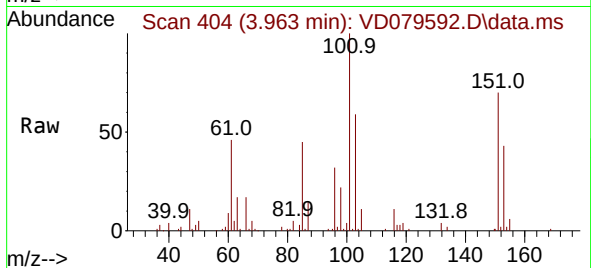




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.697 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

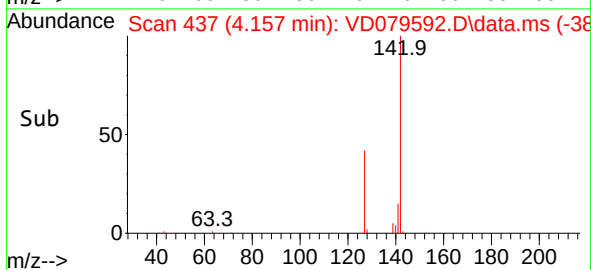
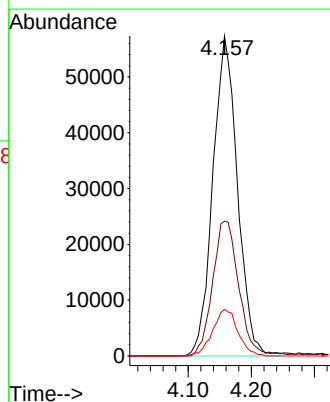
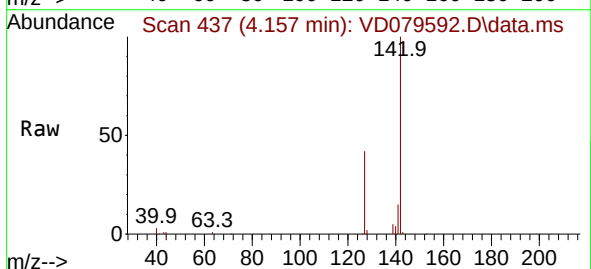
Instrument :
MSVOA_D
ClientSampleId :

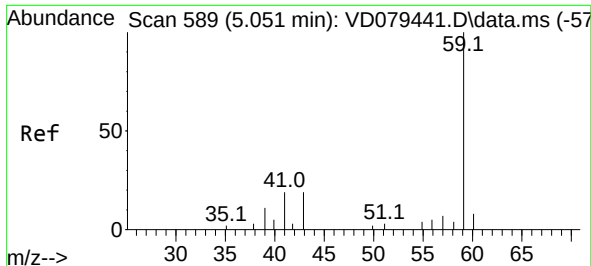
Tgt Ion:101 Resp: 125171
Ion Ratio Lower Upper
101 100
85 43.6 33.5 50.3
151 71.8 60.3 90.5



#10
Methyl Iodide
Concen: 51.520 ug/l
RT: 4.157 min Scan# 437
Delta R.T. 0.005 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

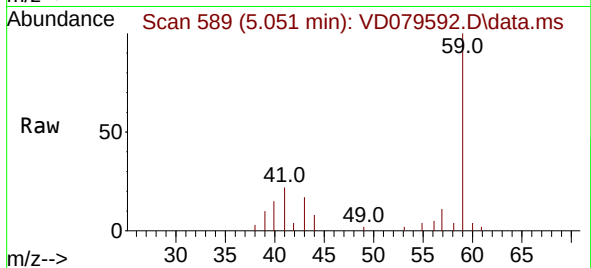
Tgt Ion:142 Resp: 155107
Ion Ratio Lower Upper
142 100
127 44.8 34.2 51.4
141 14.9 11.7 17.5



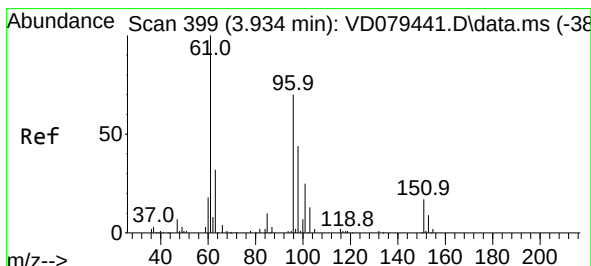
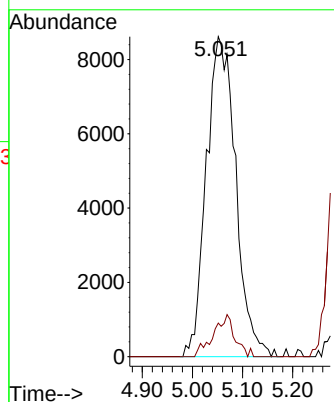
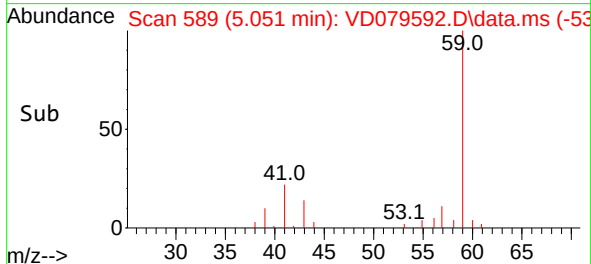


#11
Tert butyl alcohol
Concen: 326.955 ug/l
RT: 5.051 min Scan# 589
Delta R.T. 0.005 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Instrument :
MSVOA_D
ClientSampleId :

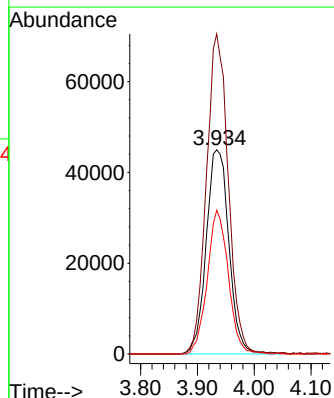
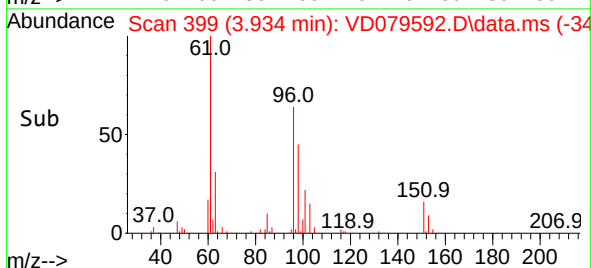
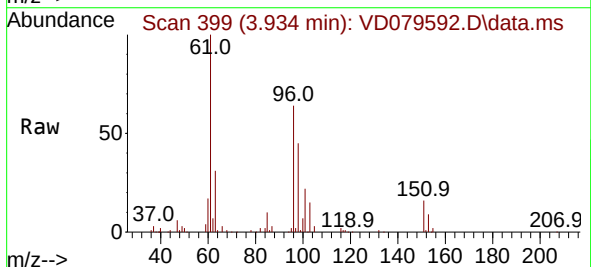


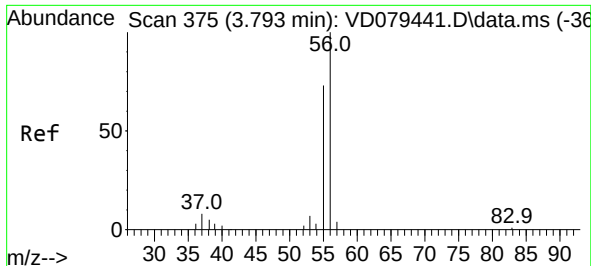
Tgt Ion: 59 Resp: 35106
Ion Ratio Lower Upper
59 100
57 9.6 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 50.311 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion: 96 Resp: 124310
Ion Ratio Lower Upper
96 100
61 156.8 107.3 160.9
98 70.4 51.7 77.5





#13

Acrolein

Concen: 206.990 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

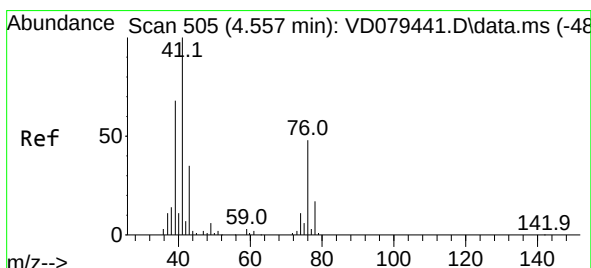
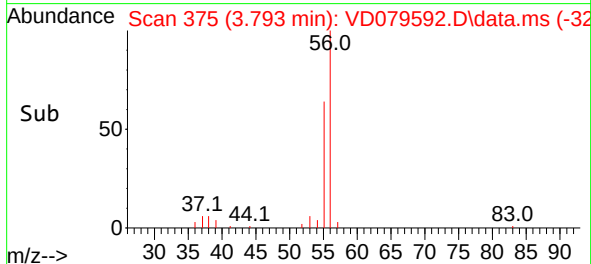
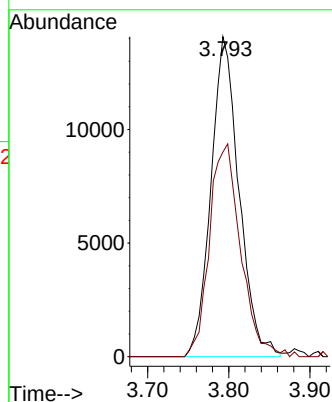
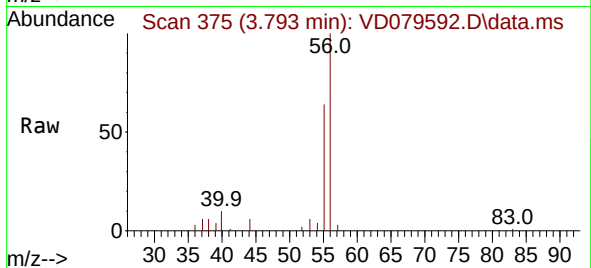
ClientSampleId :

Tgt Ion: 56 Resp: 33868

Ion Ratio Lower Upper

56 100

55 73.7 55.3 82.9



#14

Allyl chloride

Concen: 52.682 ug/l

RT: 4.557 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

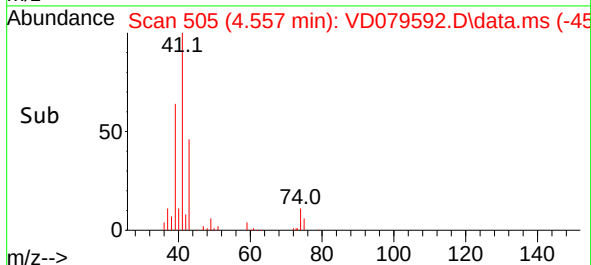
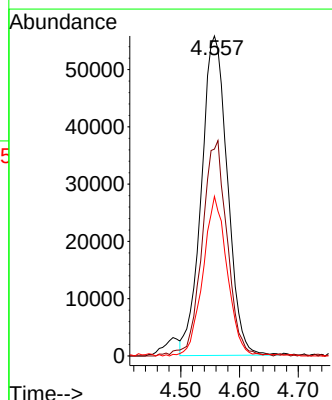
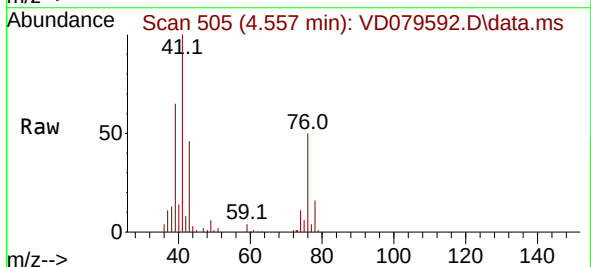
Tgt Ion: 41 Resp: 171887

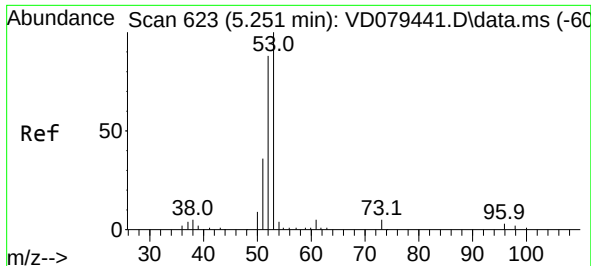
Ion Ratio Lower Upper

41 100

39 65.0 58.0 87.0

76 46.4 45.9 68.9

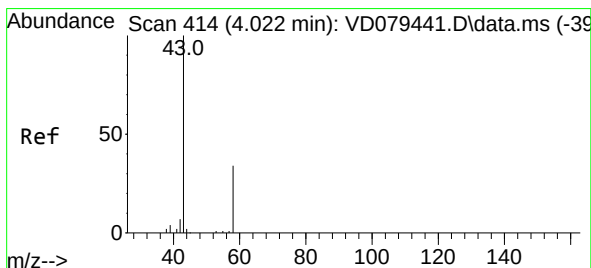
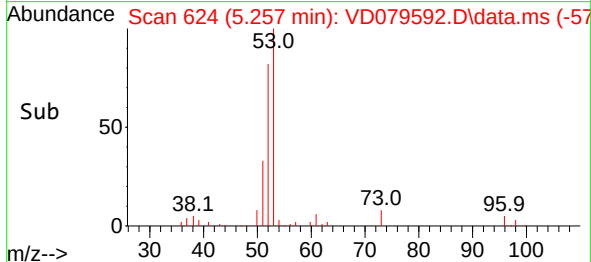
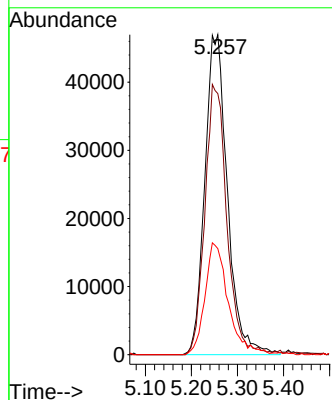
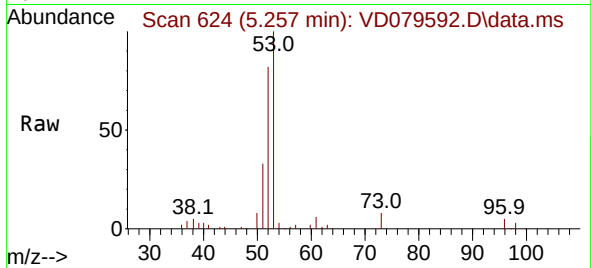




#15
Acrylonitrile
Concen: 290.786 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

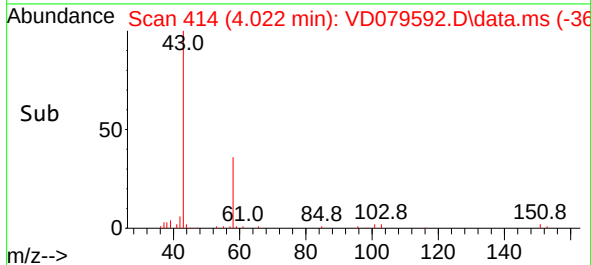
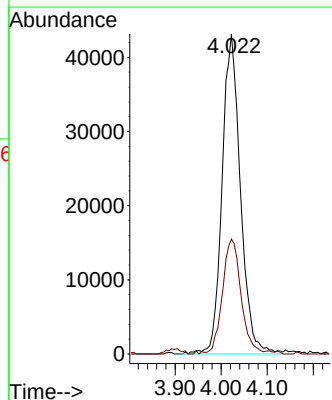
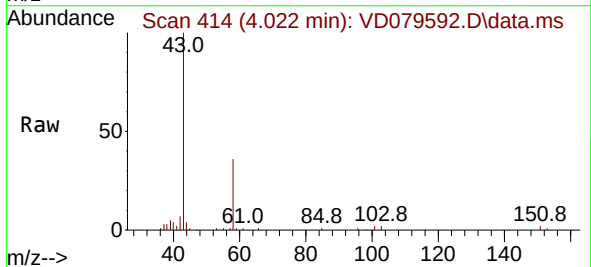
Instrument :
MSVOA_D
ClientSampleId :

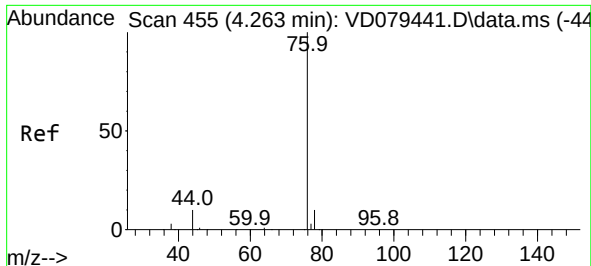
Tgt Ion: 53 Resp: 160233
Ion Ratio Lower Upper
53 100
52 82.0 67.7 101.5
51 35.9 28.6 42.8



#16
Acetone
Concen: 263.370 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion: 43 Resp: 118908
Ion Ratio Lower Upper
43 100
58 35.3 30.4 45.6

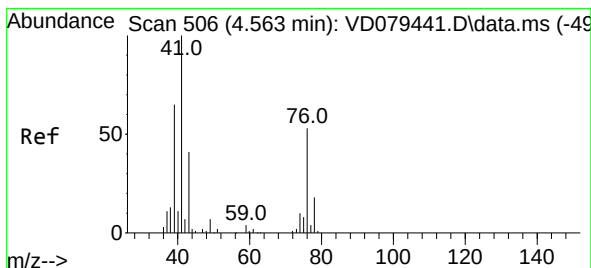
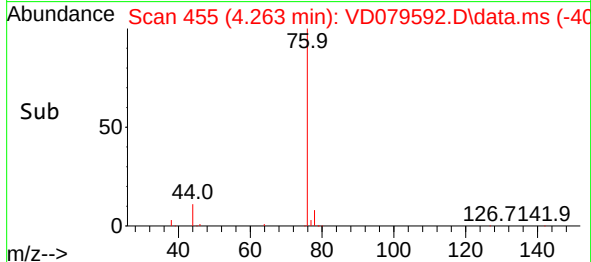
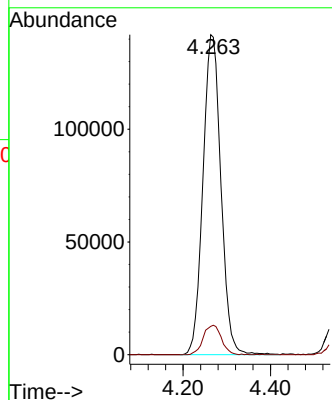
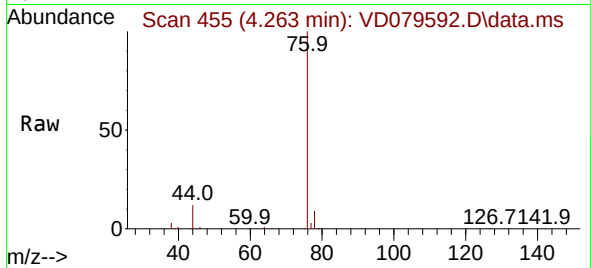




#17
Carbon Disulfide
Concen: 49.727 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

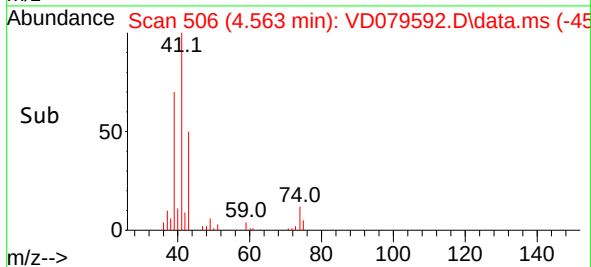
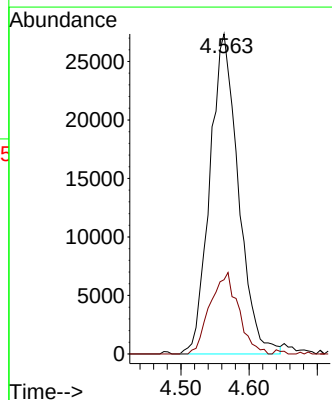
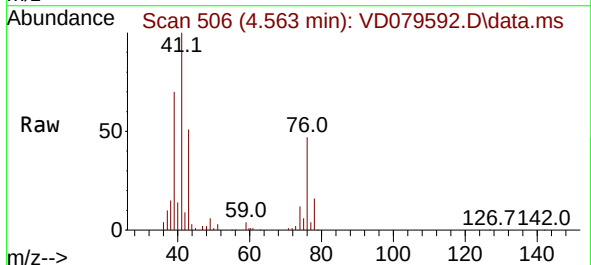
Instrument :
MSVOA_D
ClientSampleId :

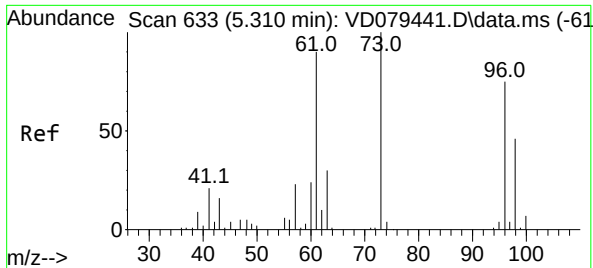
Tgt Ion: 76 Resp: 405565
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 56.908 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion: 43 Resp: 79772
Ion Ratio Lower Upper
43 100
74 25.3 28.1 42.1#





#19

Methyl tert-butyl Ether

Concen: 58.350 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

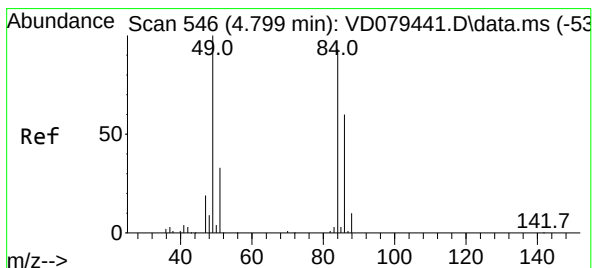
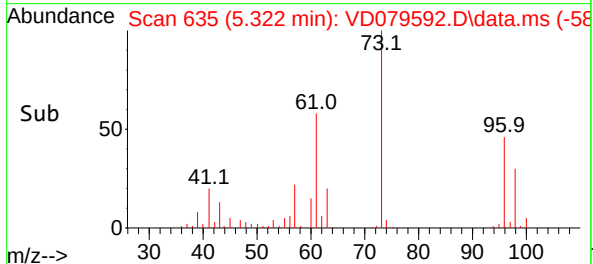
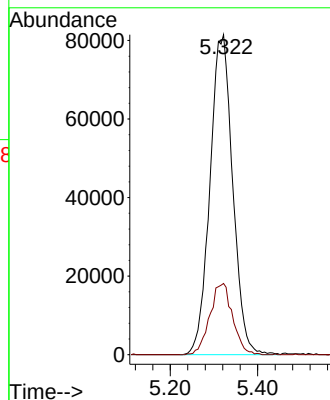
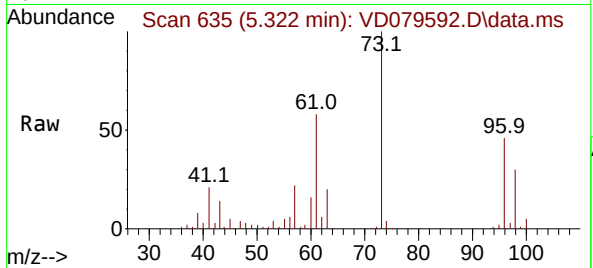
ClientSampleId :

Tgt Ion: 73 Resp: 294287

Ion Ratio Lower Upper

73 100

57 22.2 18.3 27.5



#20

Methylene Chloride

Concen: 59.470 ug/l

RT: 4.798 min Scan# 546

Delta R.T. -0.001 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Tgt Ion: 84 Resp: 191572

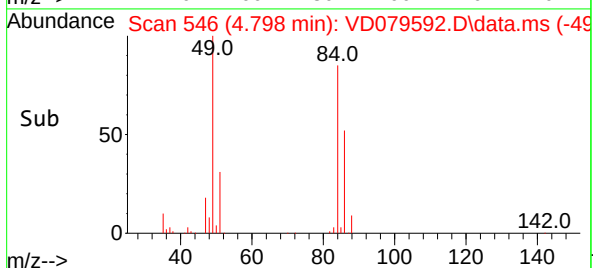
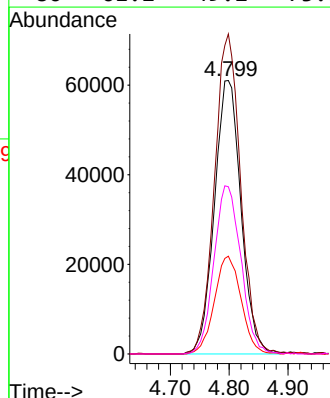
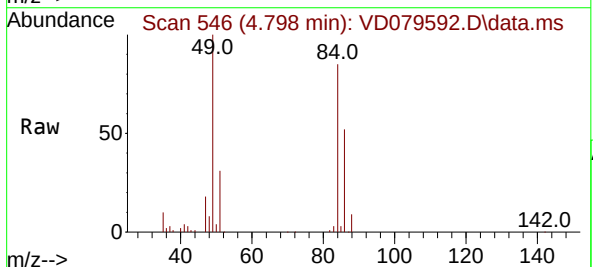
Ion Ratio Lower Upper

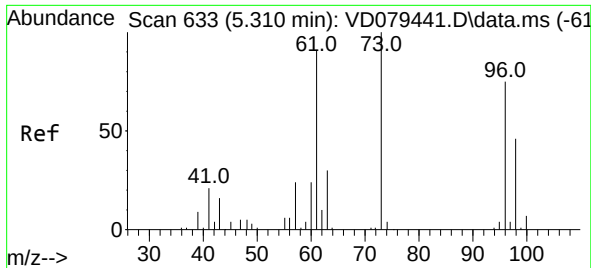
84 100

49 117.0 75.6 113.4#

51 35.7 24.2 36.2

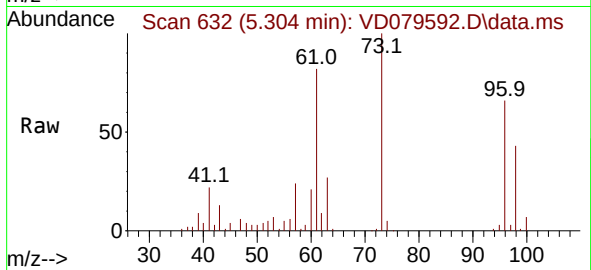
86 61.2 49.2 73.8



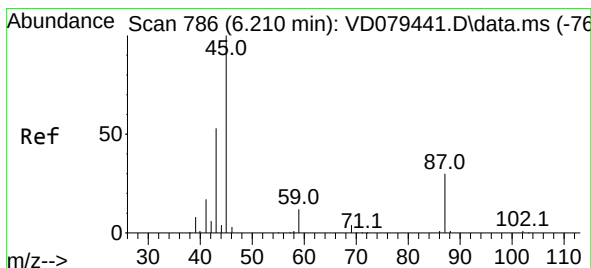
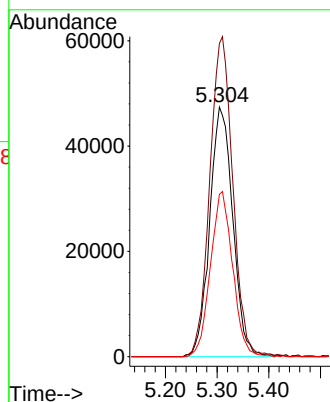
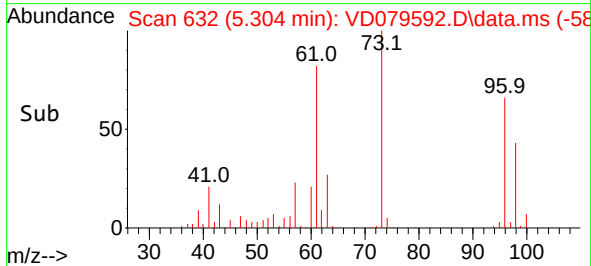


#21
trans-1,2-Dichloroethene
Concen: 53.166 ug/l
RT: 5.304 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Instrument :
MSVOA_D
ClientSampleId :

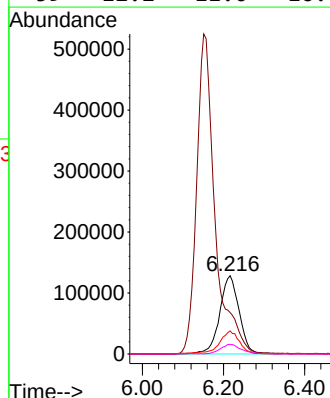
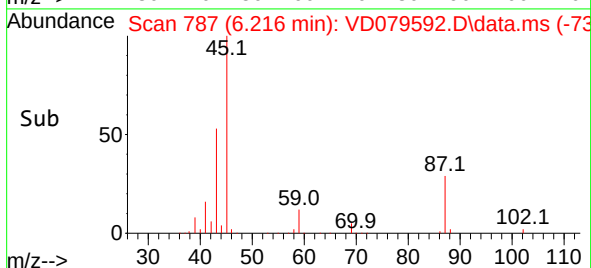
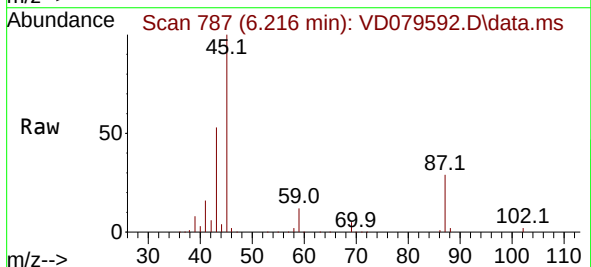


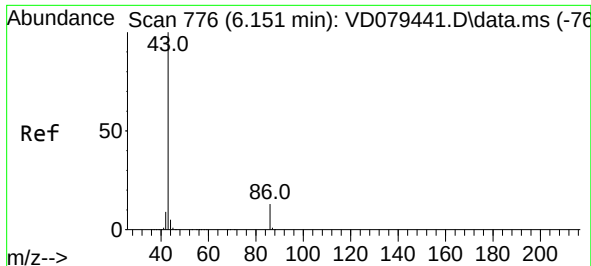
Tgt Ion: 96 Resp: 147572
Ion Ratio Lower Upper
96 100
61 125.5 84.5 126.7
98 65.0 50.5 75.7



#22
Diisopropyl ether
Concen: 58.728 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion: 45 Resp: 426337
Ion Ratio Lower Upper
45 100
43 52.1 41.7 62.5
87 29.4 30.2 45.2#
59 12.2 11.0 16.6

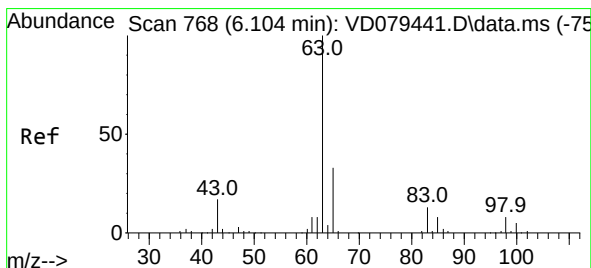
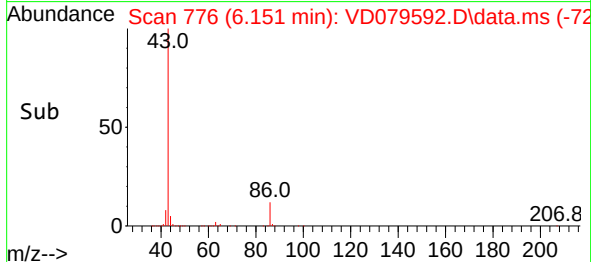
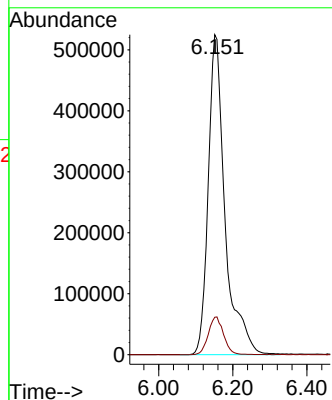
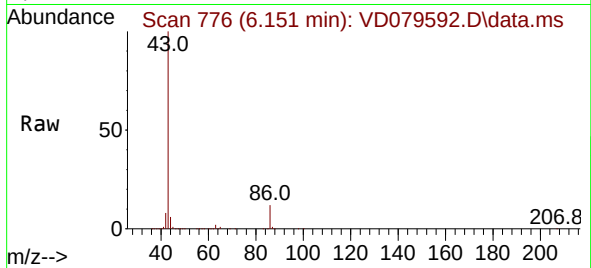




#23
 Vinyl Acetate
 Concen: 302.839 ug/l
 RT: 6.151 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD079592.D
 Acq: 05 Aug 2024 20:29

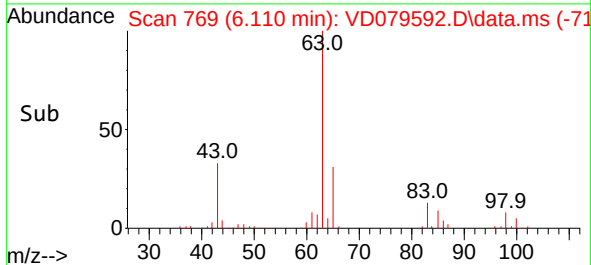
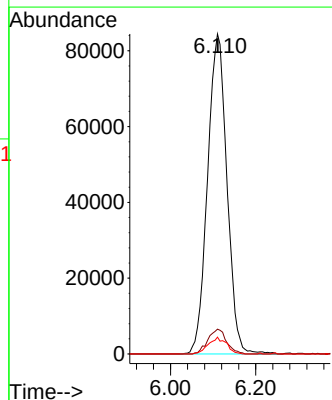
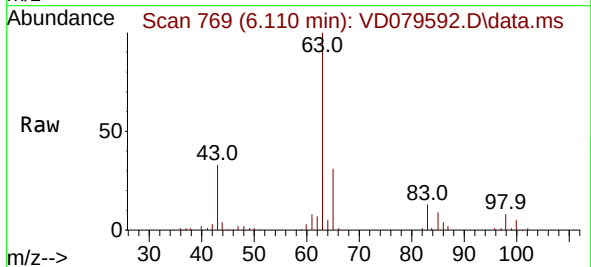
Instrument :
 MSVOA_D
 ClientSampleId :

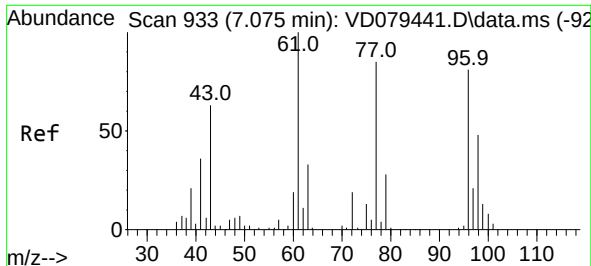
Tgt Ion: 43 Resp: 1652622
 Ion Ratio Lower Upper
 43 100
 86 11.7 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 54.833 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079592.D
 Acq: 05 Aug 2024 20:29

Tgt Ion: 63 Resp: 266754
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.7 14.0
 100 5.3 2.9 8.6

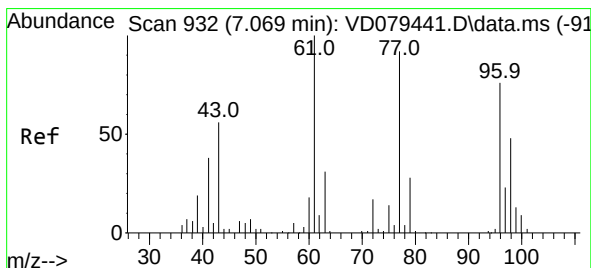
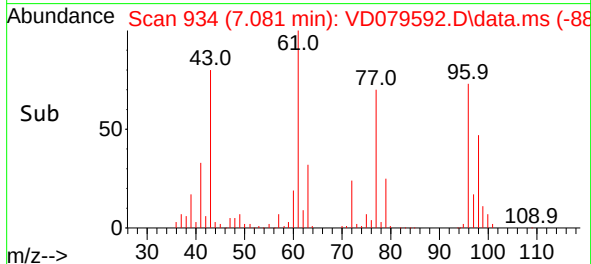
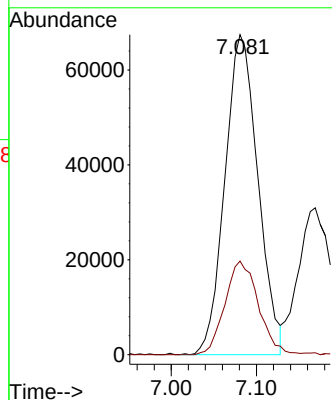
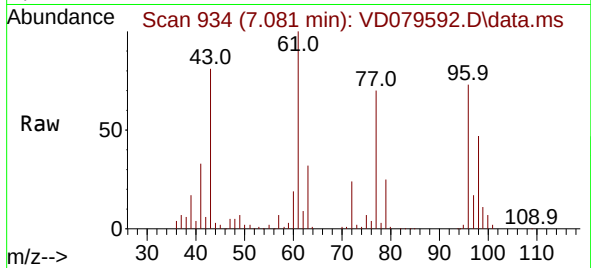




#25
2-Butanone
Concen: 283.916 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

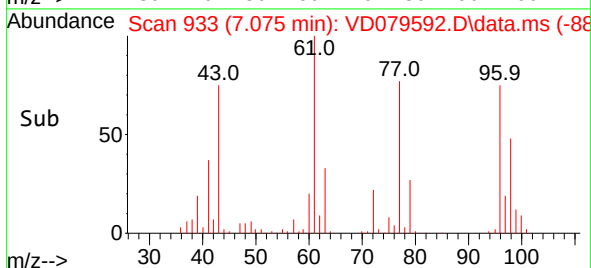
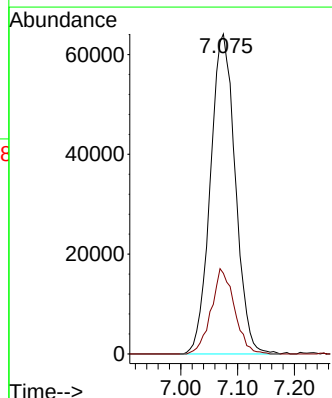
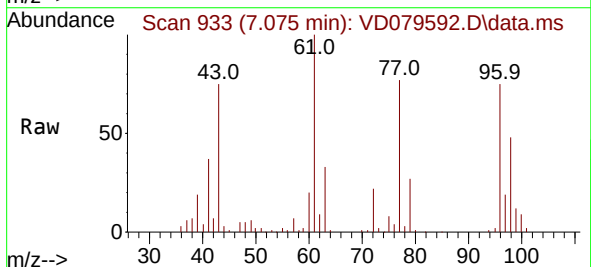
Instrument :
MSVOA_D
ClientSampleId :

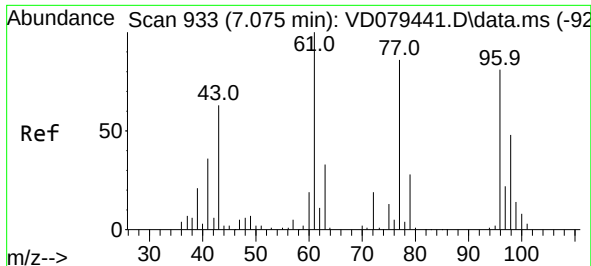
Tgt Ion: 43 Resp: 181729
Ion Ratio Lower Upper
43 100
72 29.3 26.4 39.6



#26
2,2-Dichloropropane
Concen: 49.575 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

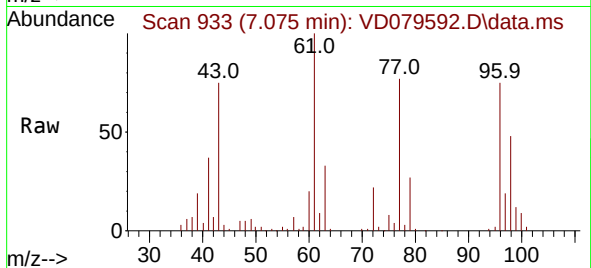
Tgt Ion: 77 Resp: 195079
Ion Ratio Lower Upper
77 100
97 24.8 12.4 37.2





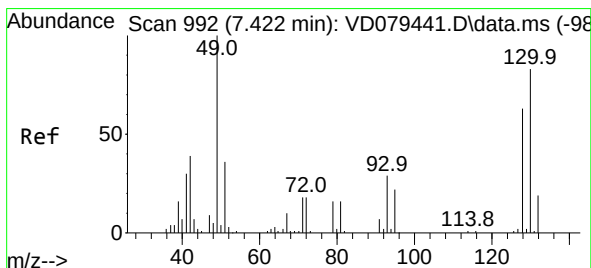
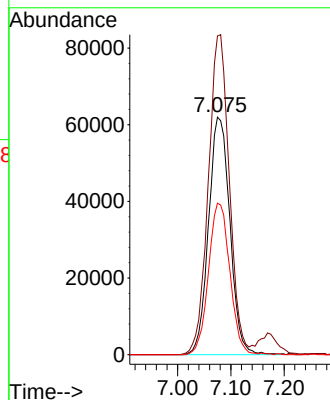
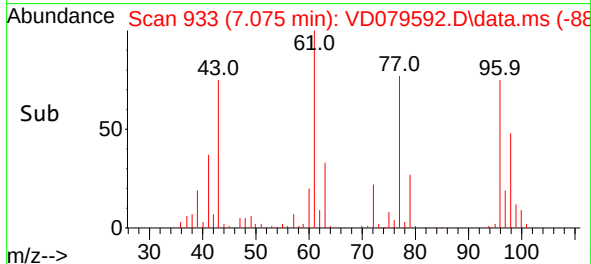
#27
 cis-1,2-Dichloroethene
 Concen: 54.369 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD079592.D
 Acq: 05 Aug 2024 20:29

Instrument :
 MSVOA_D
 ClientSampleId :

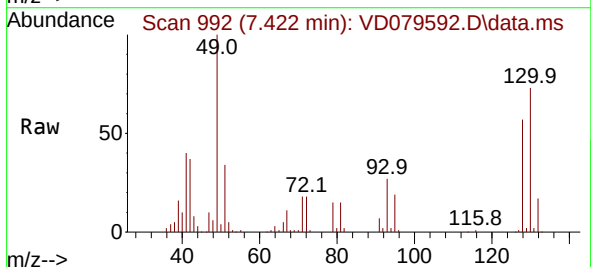


Tgt Ion: 96 Resp: 172497

Ion	Ratio	Lower	Upper
96	100		
61	132.2	0.0	229.0
98	63.6	0.0	127.2

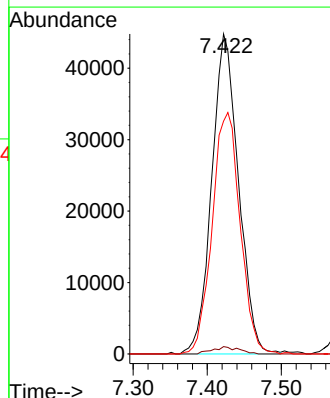
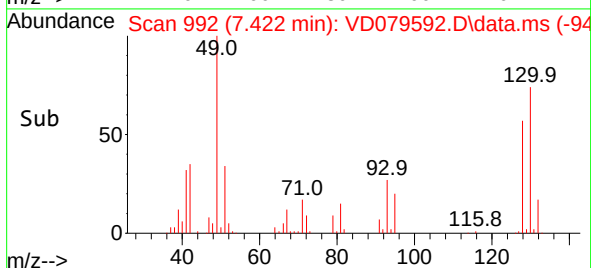


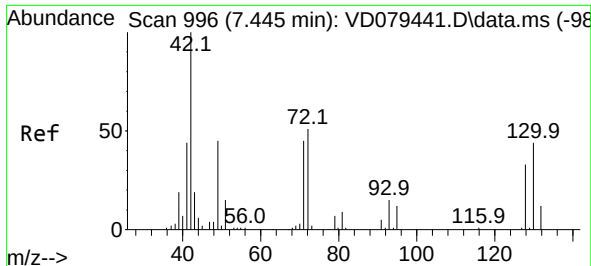
#28
 Bromochloromethane
 Concen: 52.675 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.006 min
 Lab File: VD079592.D
 Acq: 05 Aug 2024 20:29



Tgt Ion: 49 Resp: 112371

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	7.0
130	78.7	87.7	131.5#





#29

Tetrahydrofuran

Concen: 298.384 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

ClientSampleId :

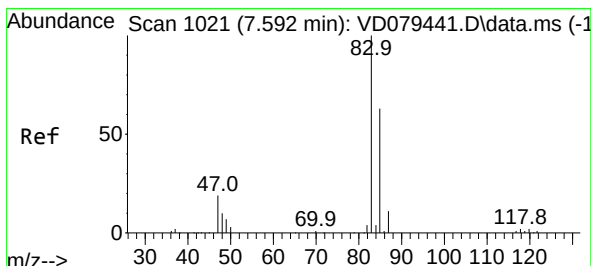
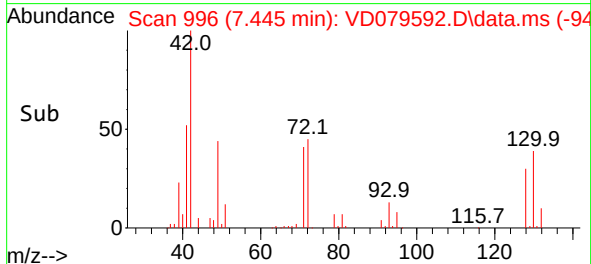
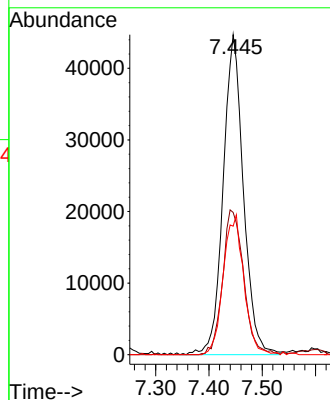
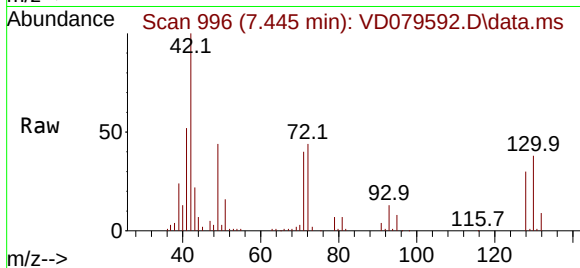
Tgt Ion: 42 Resp: 118362

Ion Ratio Lower Upper

42 100

72 46.8 49.4 74.0#

71 44.3 45.0 67.6#



#30

Chloroform

Concen: 54.583 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD079592.D

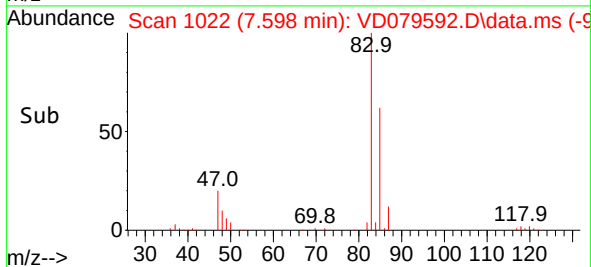
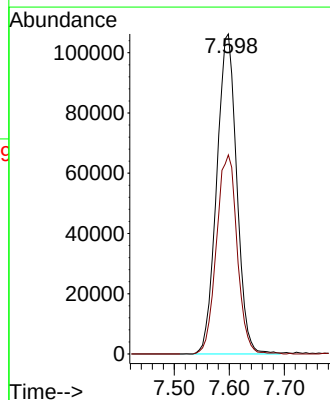
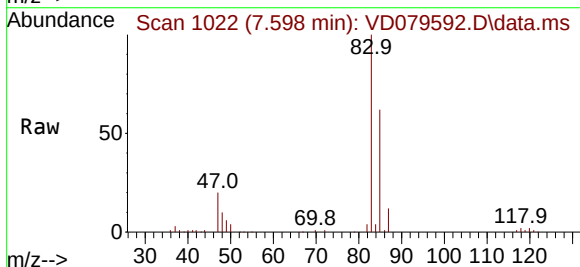
Acq: 05 Aug 2024 20:29

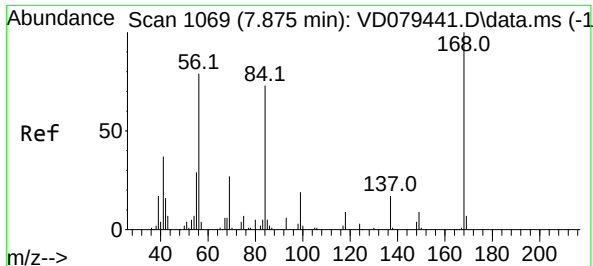
Tgt Ion: 83 Resp: 268907

Ion Ratio Lower Upper

83 100

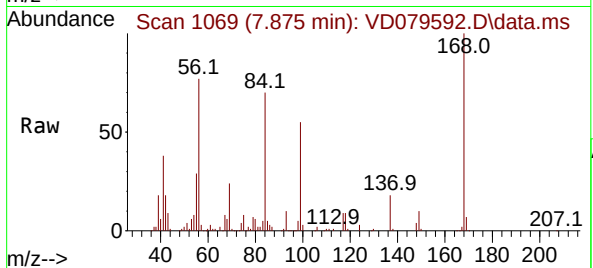
85 62.2 51.8 77.6



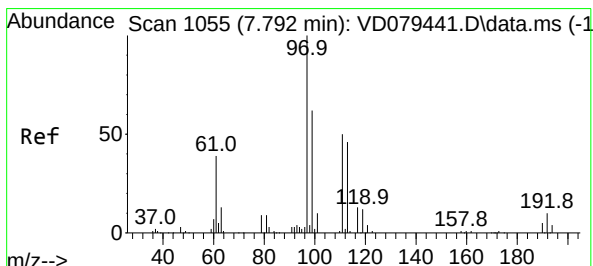
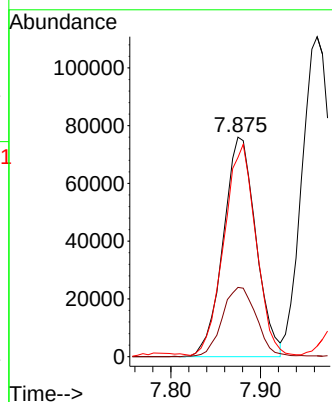
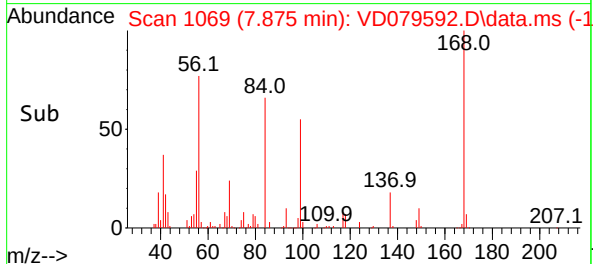


#31
Cyclohexane
Concen: 49.828 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Instrument :
MSVOA_D
ClientSampleId :

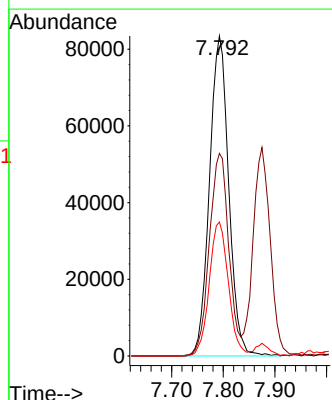
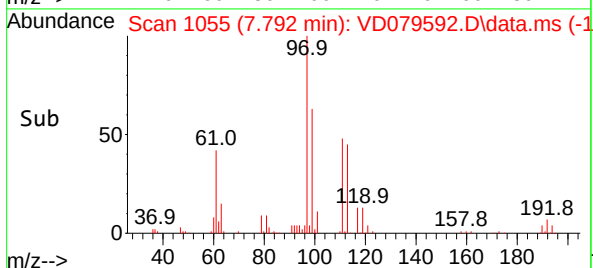
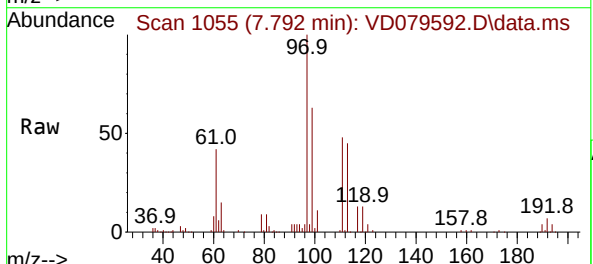


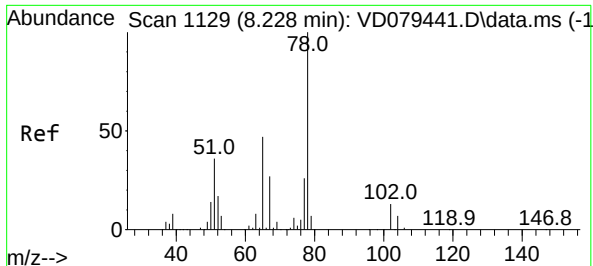
Tgt Ion: 56 Resp: 192249
Ion Ratio Lower Upper
56 100
69 31.6 28.0 42.0
84 89.5 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 53.034 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion: 97 Resp: 215596
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 41.6 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 51.649 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

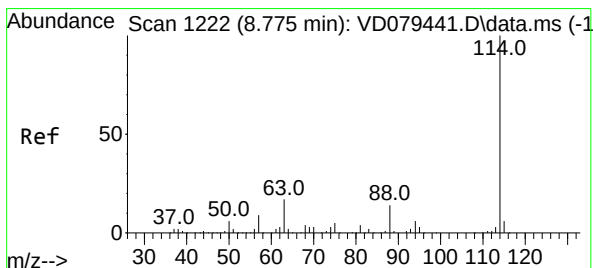
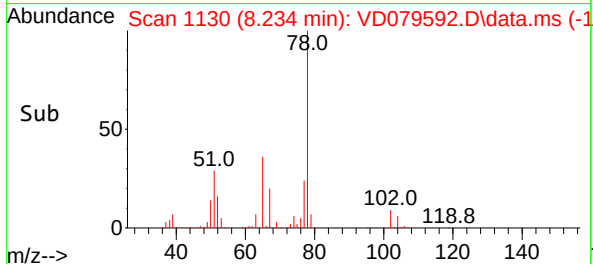
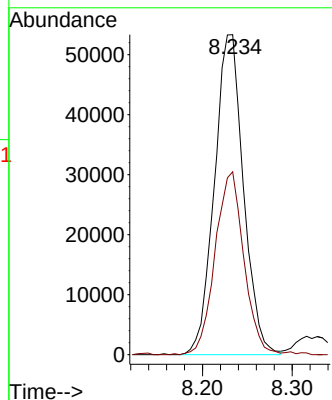
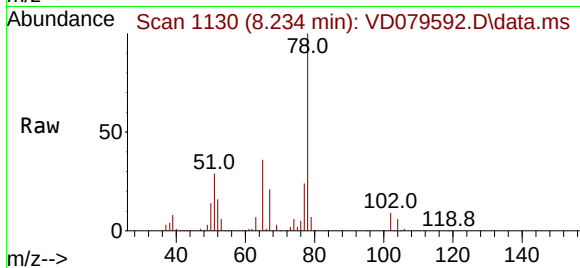
ClientSampleId :

Tgt Ion: 65 Resp: 119988

Ion Ratio Lower Upper

65 100

67 56.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

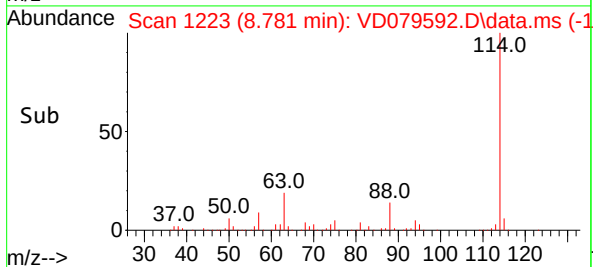
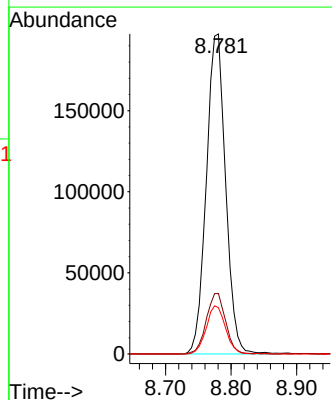
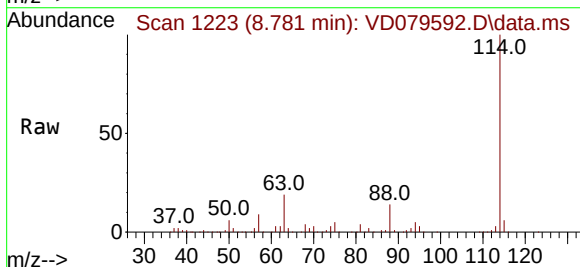
Tgt Ion: 114 Resp: 404300

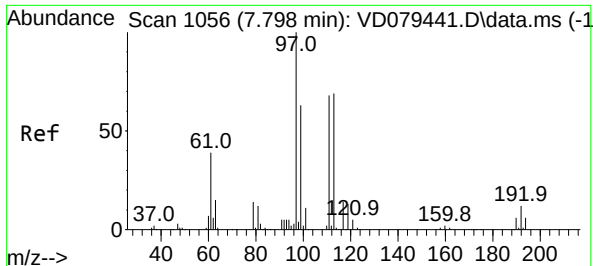
Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

88 14.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 46.241 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

ClientSampleId :

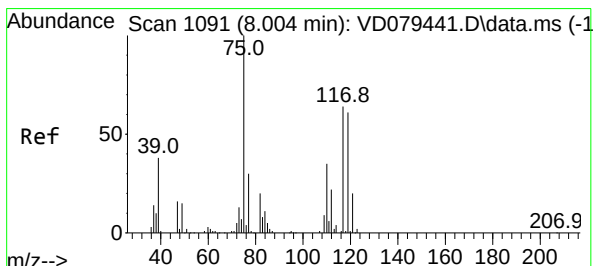
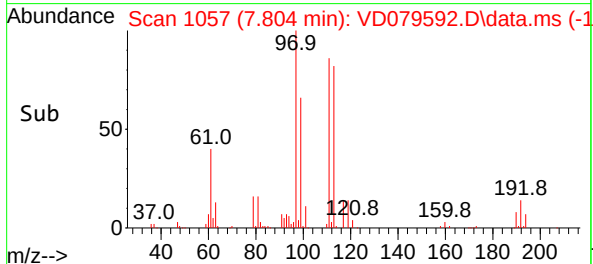
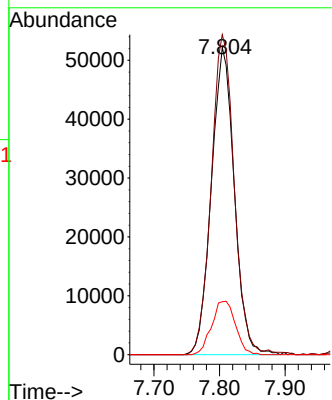
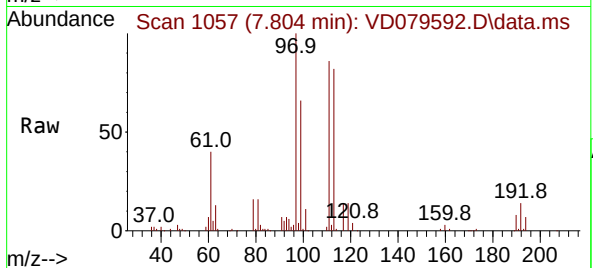
Tgt Ion:113 Resp: 126539

Ion Ratio Lower Upper

113 100

111 104.6 84.0 126.0

192 18.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 49.476 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

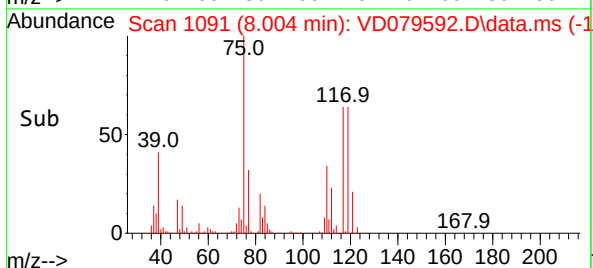
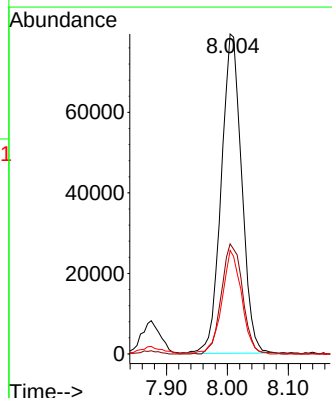
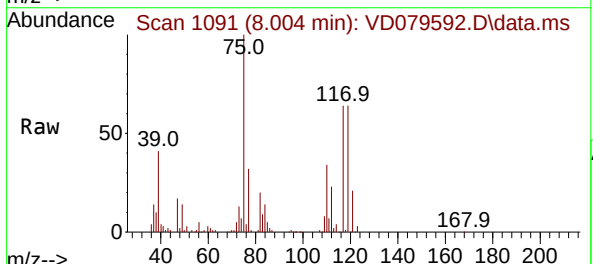
Tgt Ion: 75 Resp: 184795

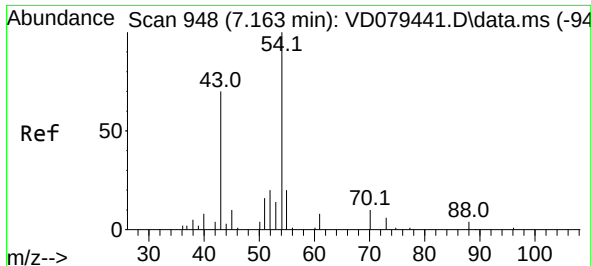
Ion Ratio Lower Upper

75 100

110 35.9 19.6 58.7

77 31.6 26.1 39.1

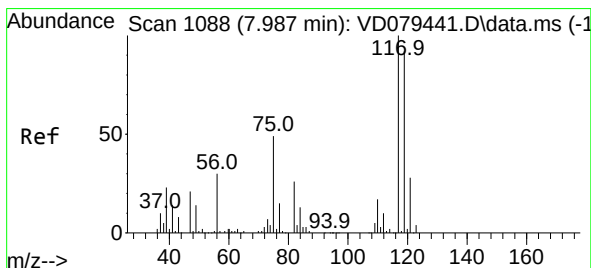
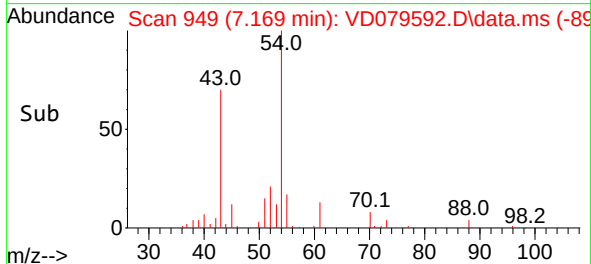
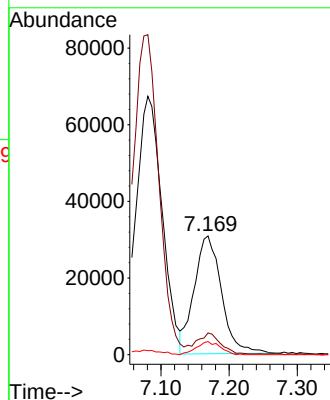
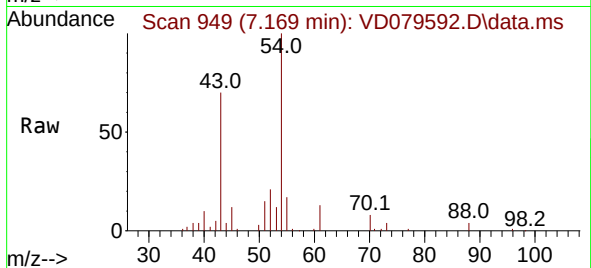




#37
Ethyl Acetate
Concen: 55.745 ug/l
RT: 7.169 min Scan# 948
Delta R.T. -0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

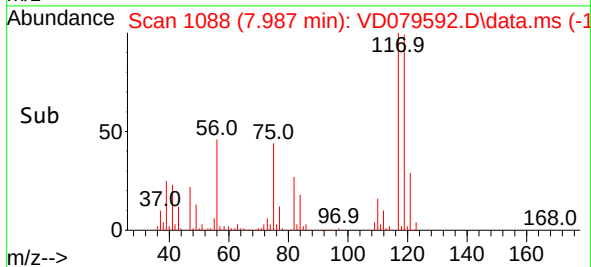
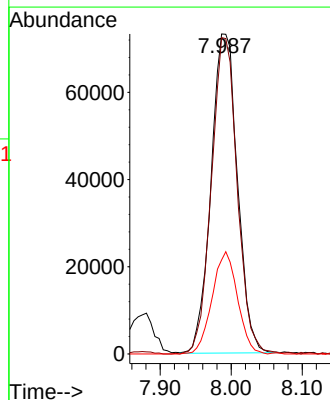
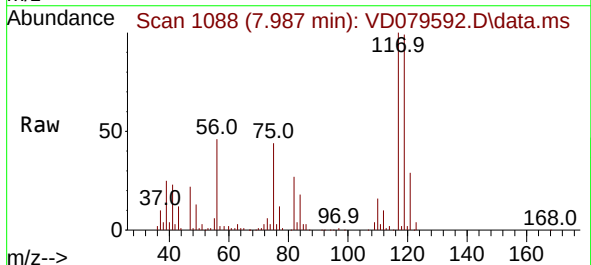
Instrument :
MSVOA_D
ClientSampleId :

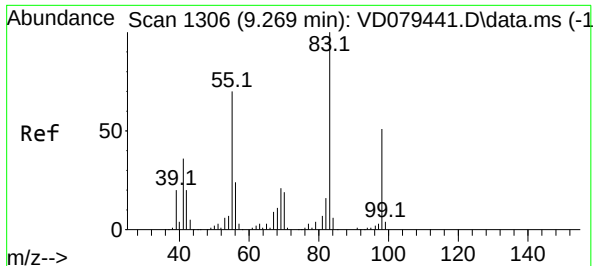
Tgt Ion: 43 Resp: 85366
Ion Ratio Lower Upper
43 100
61 14.0 13.9 20.9
70 9.7 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 48.077 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion: 117 Resp: 188771
Ion Ratio Lower Upper
117 100
119 99.2 75.4 113.0
121 29.5 25.0 37.4

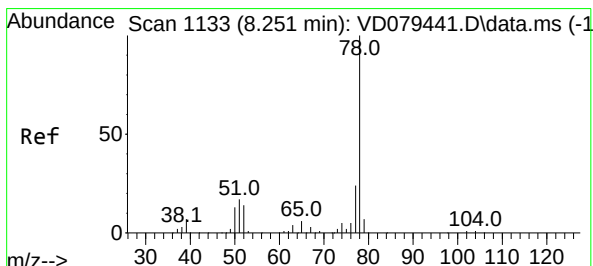
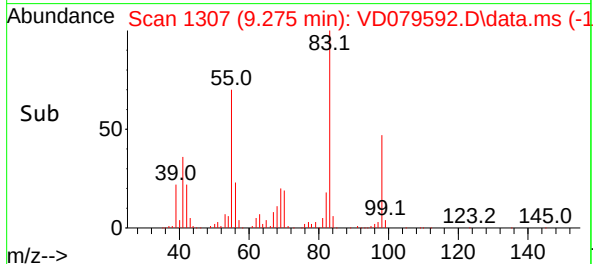
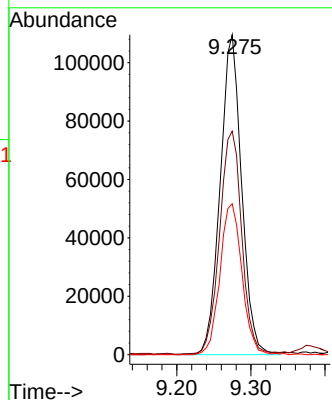
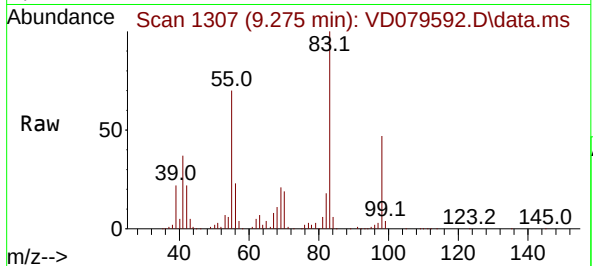




#39
Methylcyclohexane
Concen: 49.383 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

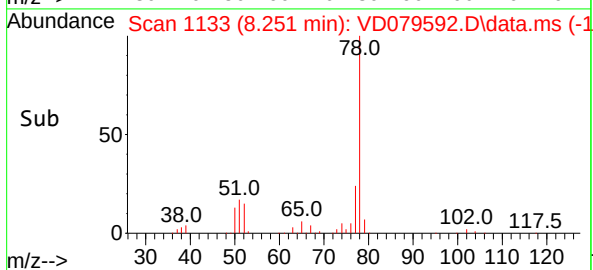
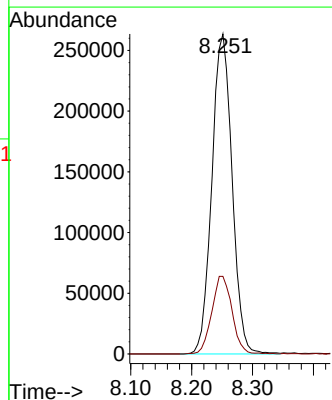
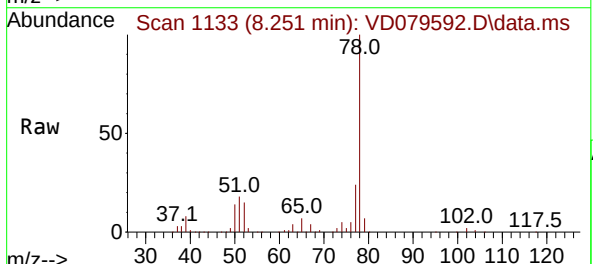
Instrument :
MSVOA_D
ClientSampleId :

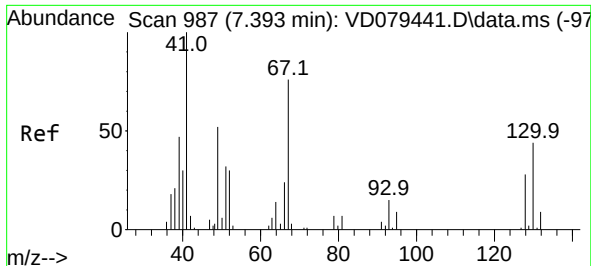
Tgt Ion: 83 Resp: 220074
Ion Ratio Lower Upper
83 100
55 69.6 50.1 75.1
98 47.1 41.9 62.9



#40
Benzene
Concen: 51.287 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

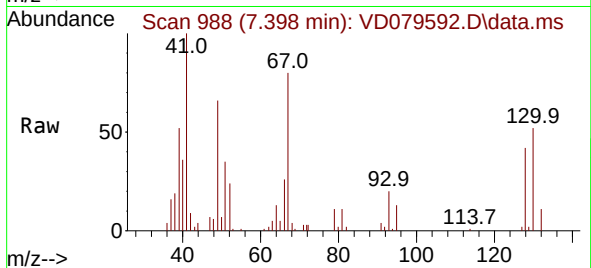
Tgt Ion: 78 Resp: 608423
Ion Ratio Lower Upper
78 100
77 24.2 18.1 27.1



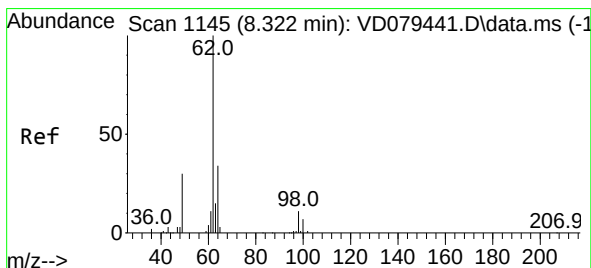
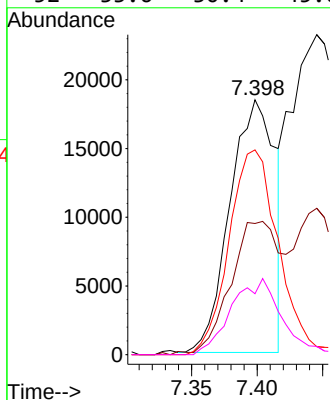
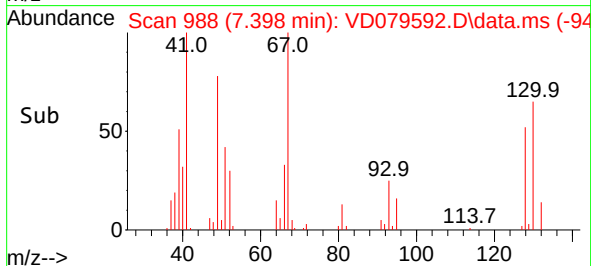


#41
Methacrylonitrile
Concen: 52.409 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Instrument :
MSVOA_D
ClientSampleId :

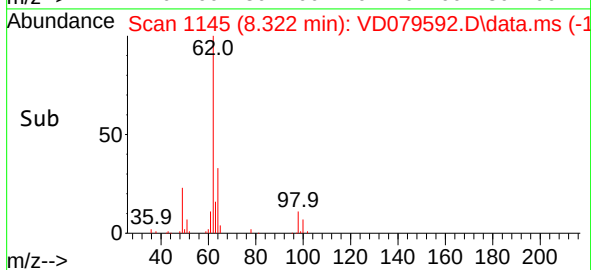
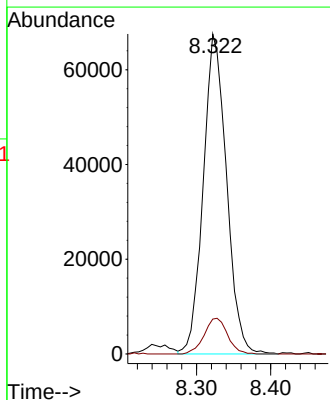
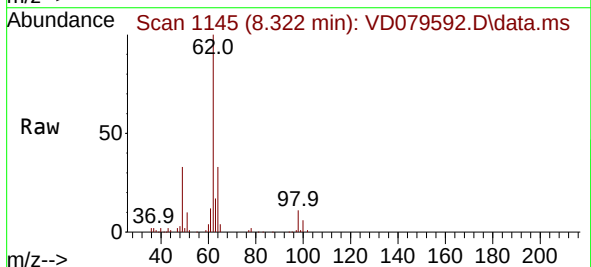


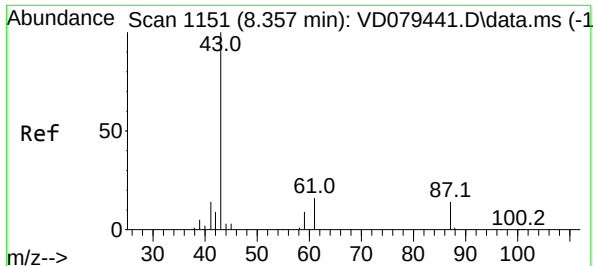
Tgt Ion:	41	Resp:	44146
Ion	Ratio	Lower	Upper
41	100		
39	59.5	41.4	62.0
67	88.5	85.8	128.6
52	33.6	30.4	45.6



#42
1,2-Dichloroethane
Concen: 52.158 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion:	62	Resp:	147446
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	25.8





#43

Isopropyl Acetate

Concen: 54.923 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

ClientSampleId :

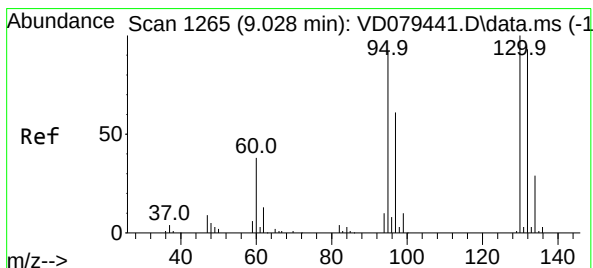
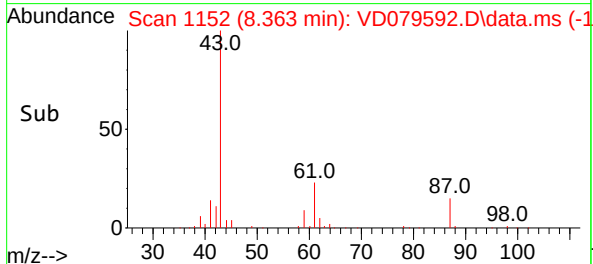
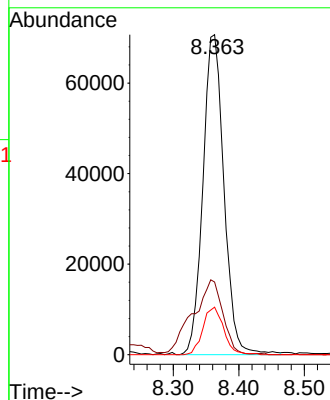
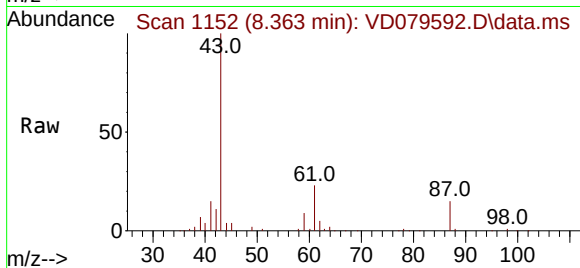
Tgt Ion: 43 Resp: 158074

Ion Ratio Lower Upper

43 100

61 32.6 29.3 43.9

87 14.7 14.9 22.3#



#44

Trichloroethene

Concen: 48.349 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079592.D

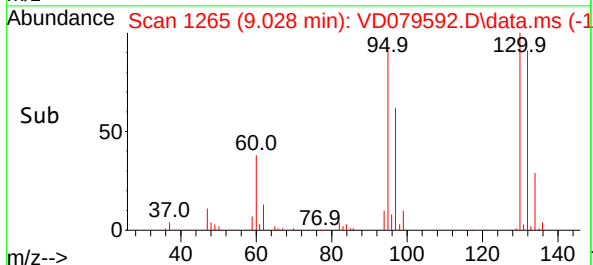
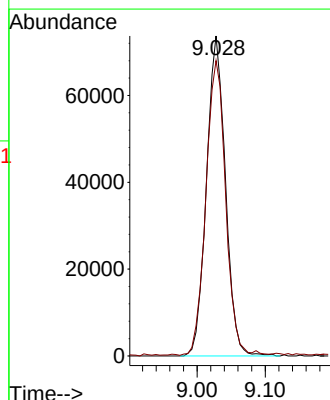
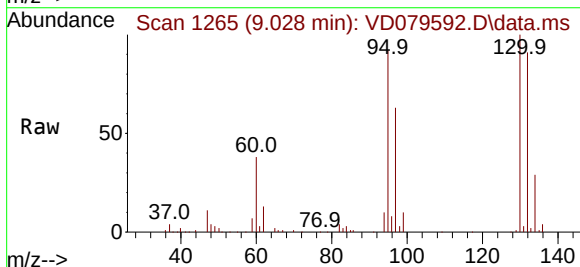
Acq: 05 Aug 2024 20:29

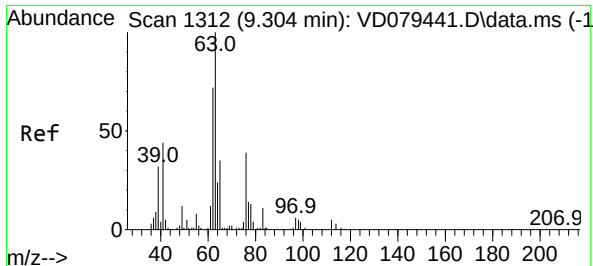
Tgt Ion:130 Resp: 142779

Ion Ratio Lower Upper

130 100

95 92.1 0.0 177.8





#45

1,2-Dichloropropane

Concen: 53.129 ug/l

RT: 9.304 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

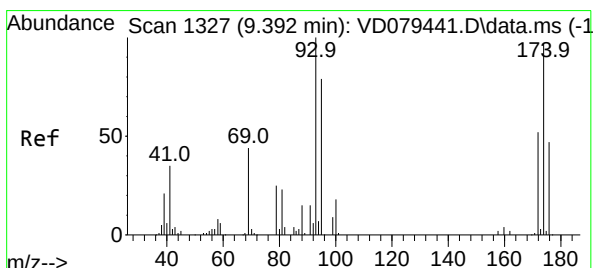
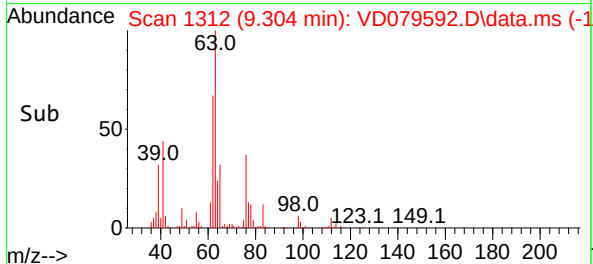
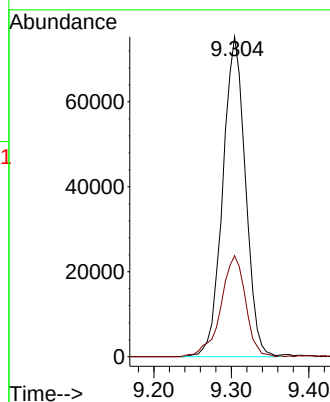
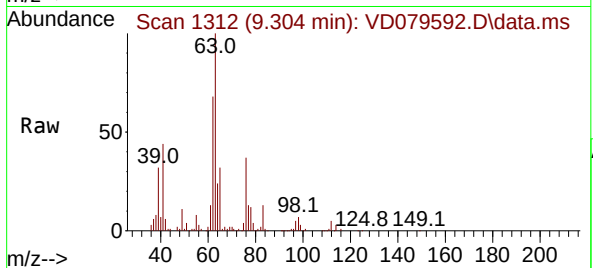
ClientSampleId :

Tgt Ion: 63 Resp: 153383

Ion Ratio Lower Upper

63 100

65 31.5 23.8 35.8



#46

Dibromomethane

Concen: 53.501 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

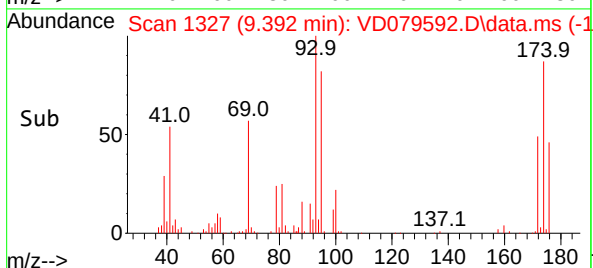
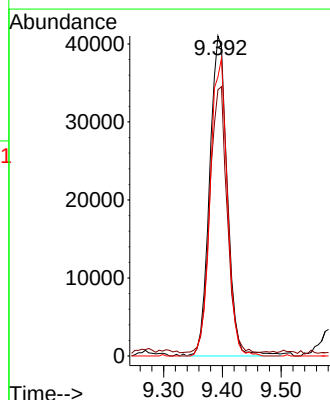
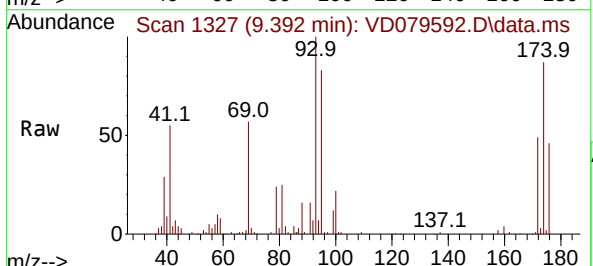
Tgt Ion: 93 Resp: 85626

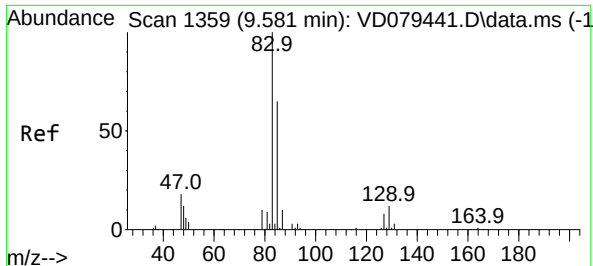
Ion Ratio Lower Upper

93 100

95 80.9 65.6 98.4

174 89.9 82.3 123.5





#47

Bromodichloromethane

Concen: 53.470 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

ClientSampleId :

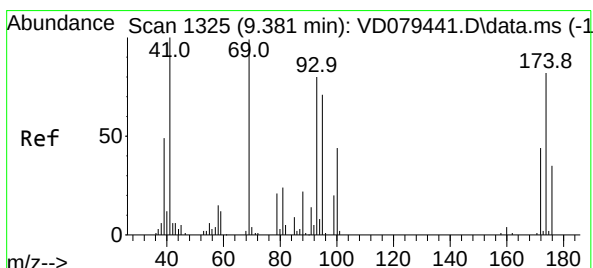
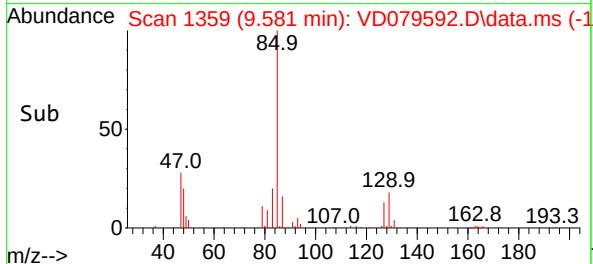
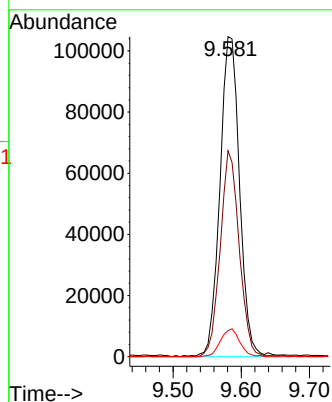
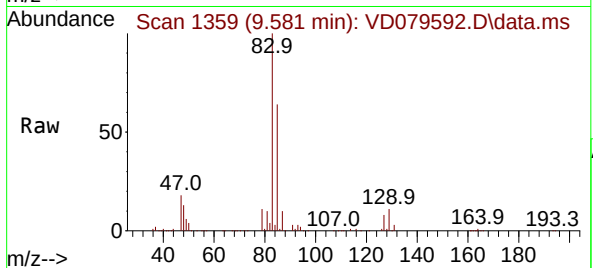
Tgt Ion: 83 Resp: 210128

Ion Ratio Lower Upper

83 100

85 64.4 50.1 75.1

127 8.2 6.8 10.2



#48

Methyl methacrylate

Concen: 58.116 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

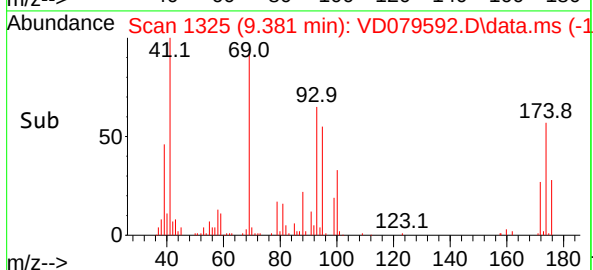
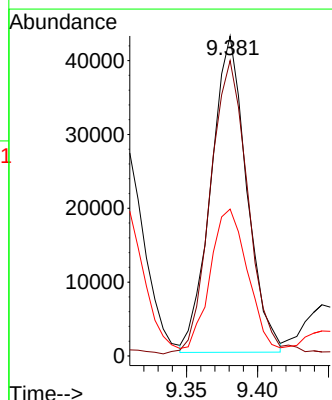
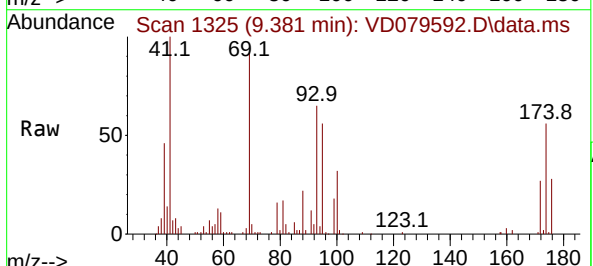
Tgt Ion: 41 Resp: 74855

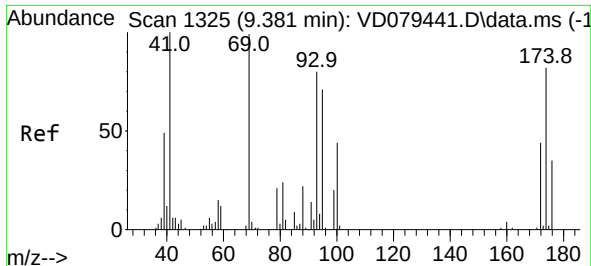
Ion Ratio Lower Upper

41 100

69 98.0 96.7 145.1

39 45.8 43.8 65.6





#49

1,4-Dioxane

Concen: 1151.544 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.012 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

ClientSampleId :

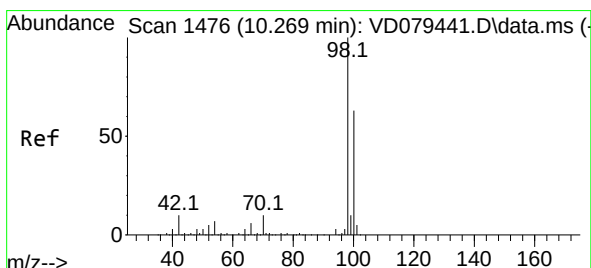
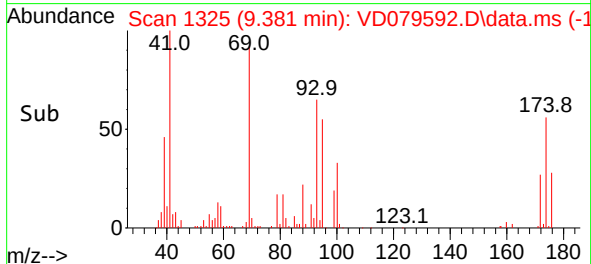
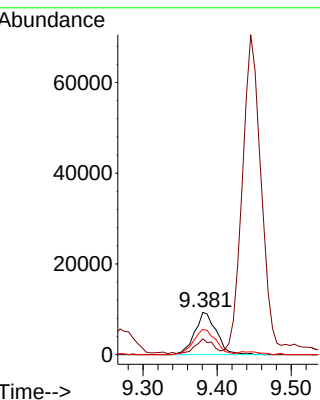
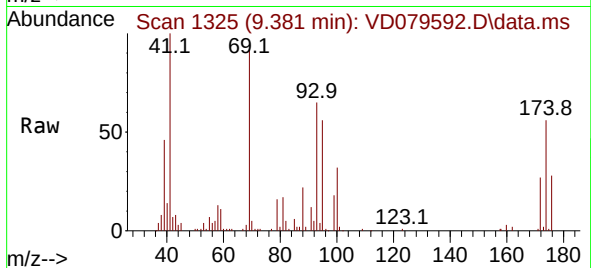
Tgt Ion: 88 Resp: 19097

Ion Ratio Lower Upper

88 100

43 27.2 21.5 32.3

58 60.6 42.2 63.4



#50

Toluene-d8

Concen: 47.491 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079592.D

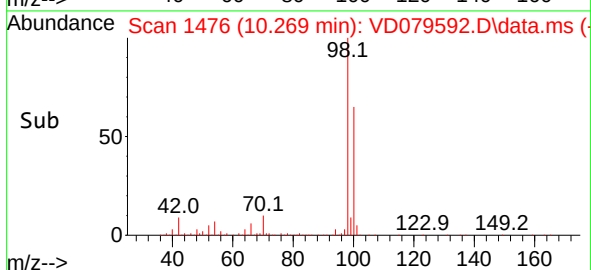
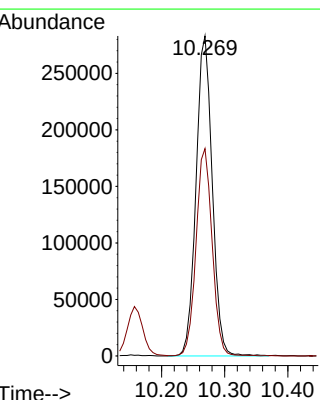
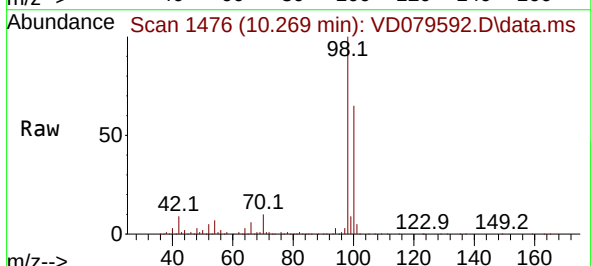
Acq: 05 Aug 2024 20:29

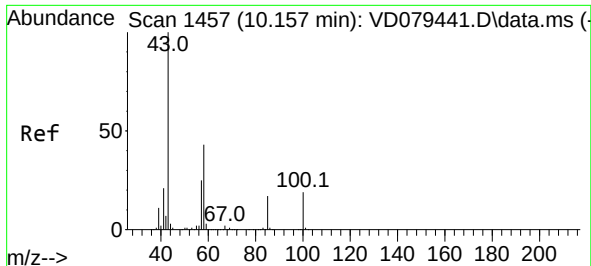
Tgt Ion: 98 Resp: 504678

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4

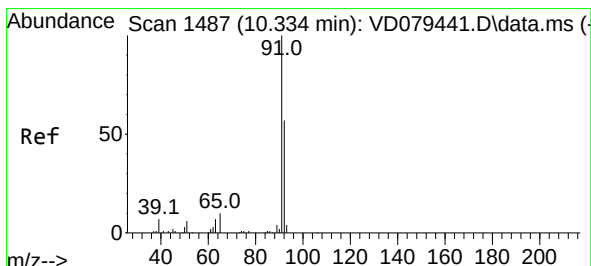
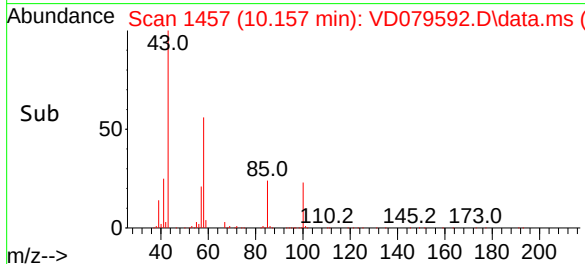
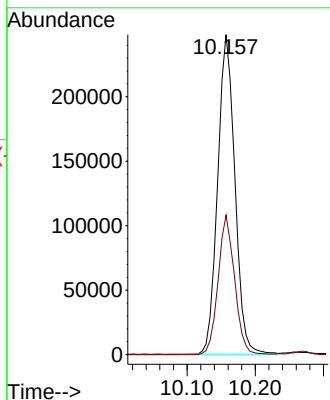
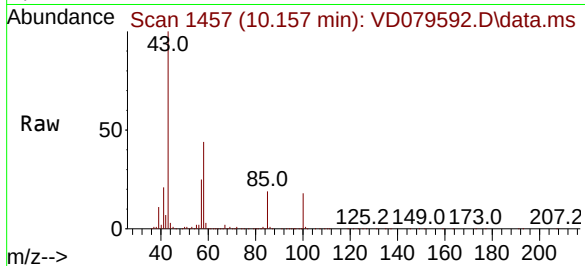




#51
4-Methyl-2-Pentanone
Concen: 296.856 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

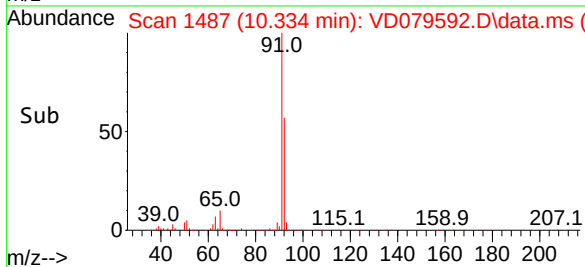
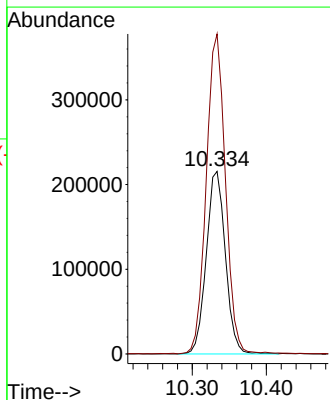
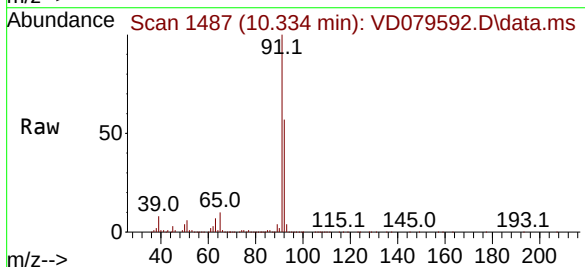
Instrument :
MSVOA_D
ClientSampleId :

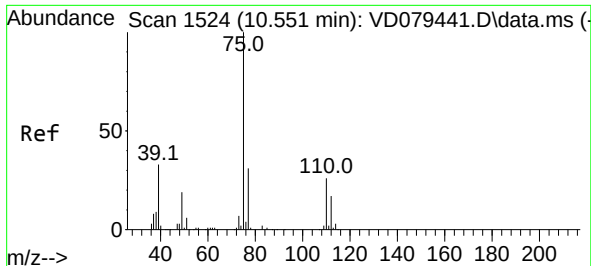
Tgt Ion: 43 Resp: 436200
Ion Ratio Lower Upper
43 100
58 41.8 36.6 55.0



#52
Toluene
Concen: 52.628 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion: 92 Resp: 386126
Ion Ratio Lower Upper
92 100
91 176.0 141.7 212.5

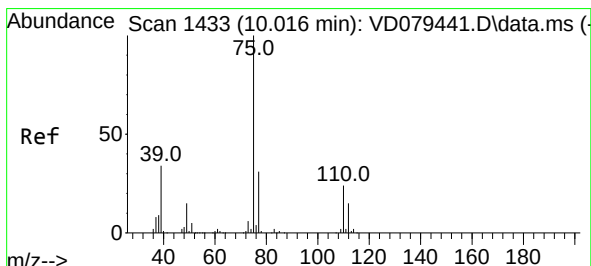
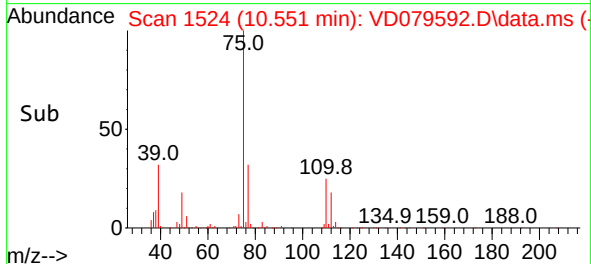
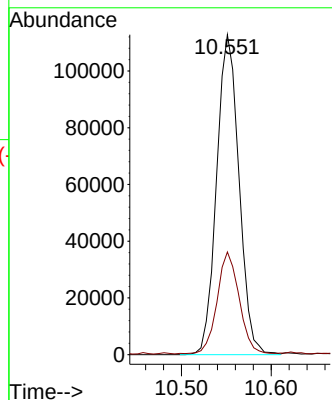
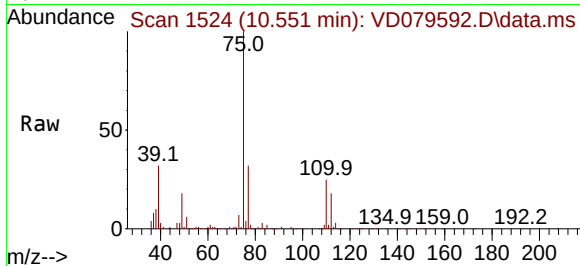




#53
t-1,3-Dichloropropene
Concen: 53.858 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

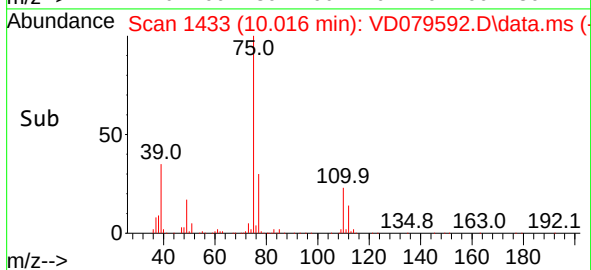
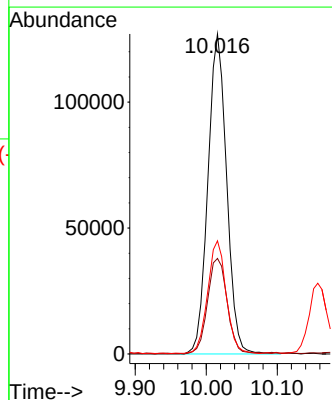
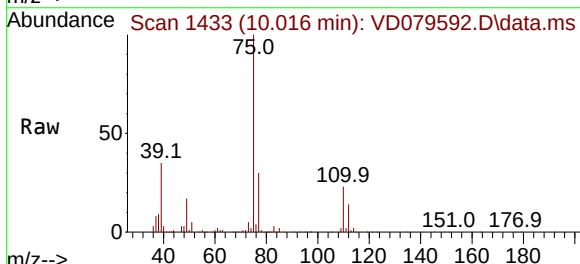
Instrument :
MSVOA_D
ClientSampleId :

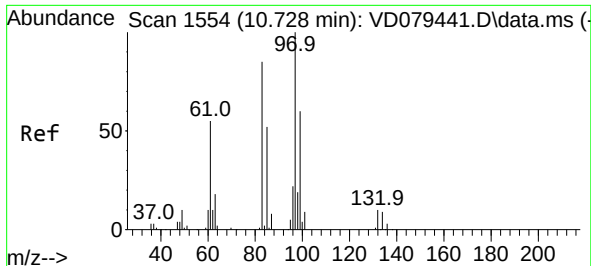
Tgt Ion: 75 Resp: 195455
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.342 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion: 75 Resp: 232852
Ion Ratio Lower Upper
75 100
77 29.7 24.4 36.6
39 35.1 24.2 36.2

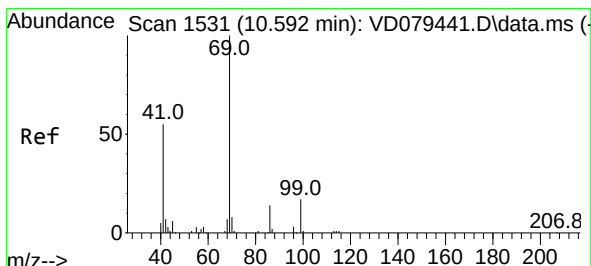
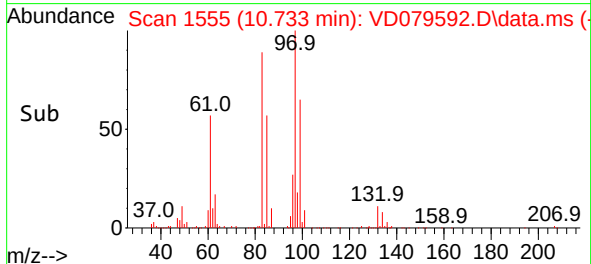
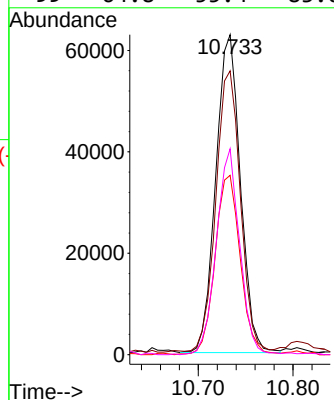
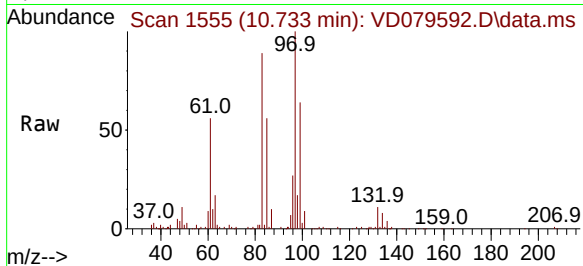




#55
1,1,2-Trichloroethane
Concen: 53.716 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

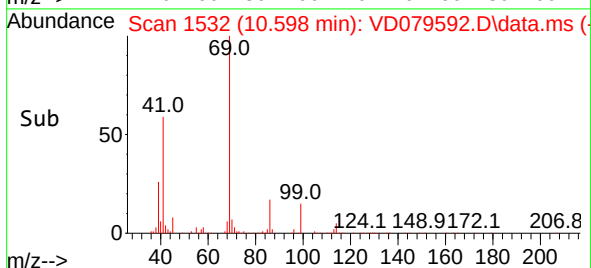
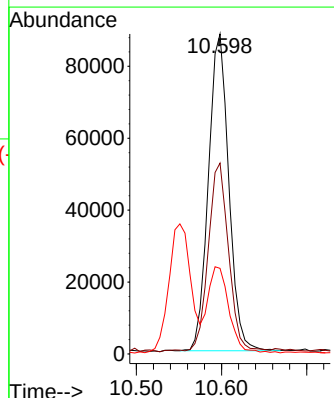
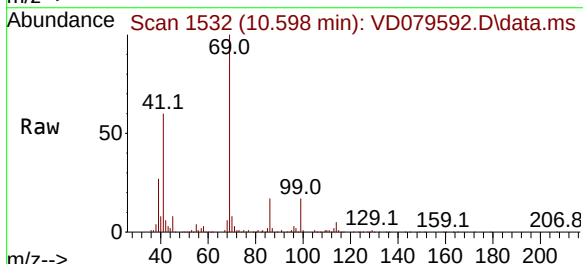
Instrument :
MSVOA_D
ClientSampleId :

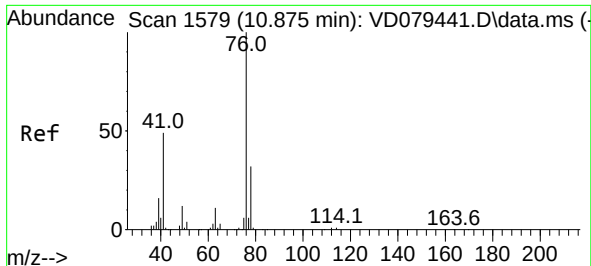
Tgt Ion:	97	Resp:	113249
Ion	Ratio	Lower	Upper
97	100		
83	88.1	65.8	98.8
85	56.2	43.8	65.8
99	64.8	55.4	83.0



#56
Ethyl methacrylate
Concen: 58.593 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion:	69	Resp:	146369
Ion	Ratio	Lower	Upper
69	100		
41	58.5	39.8	59.6
39	28.3	20.2	30.4





#57

1,3-Dichloropropane

Concen: 54.945 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

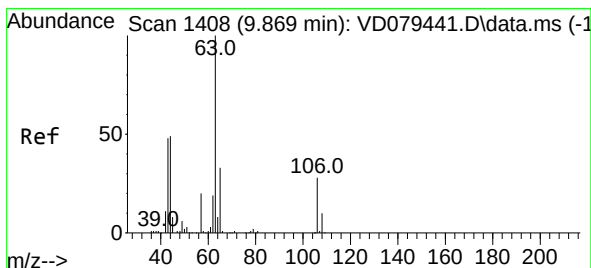
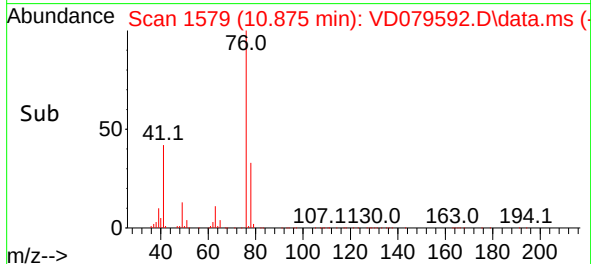
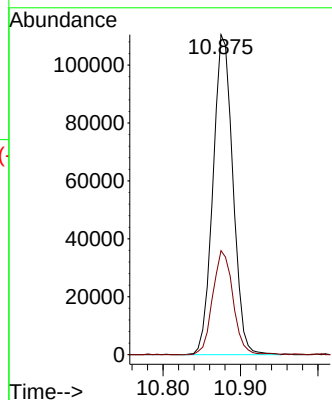
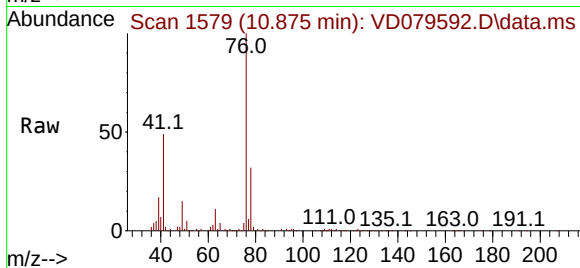
ClientSampleId :

Tgt Ion: 76 Resp: 196844

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 272.118 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079592.D

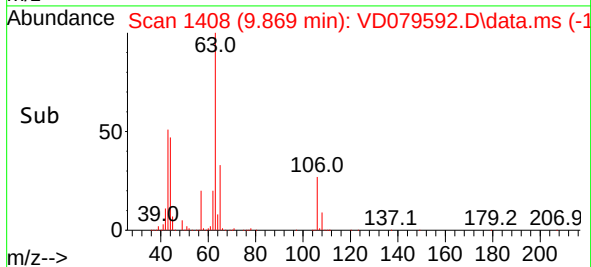
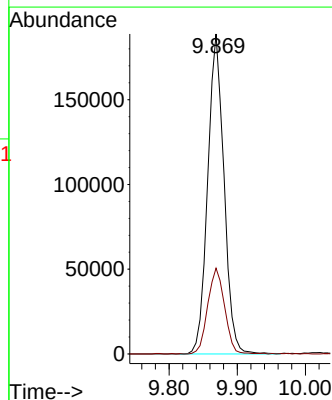
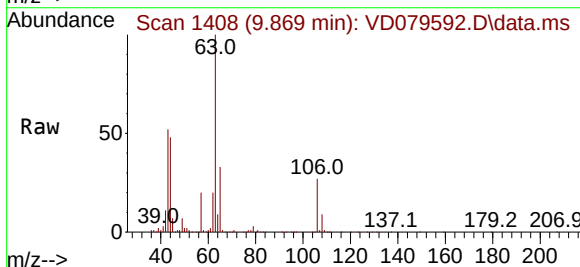
Acq: 05 Aug 2024 20:29

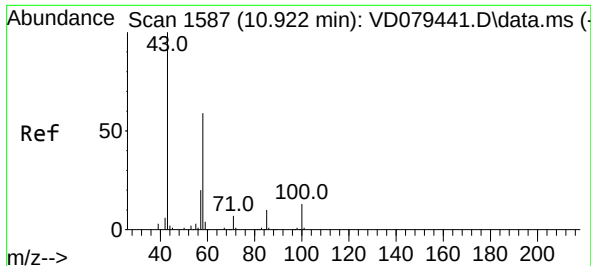
Tgt Ion: 63 Resp: 313490

Ion Ratio Lower Upper

63 100

106 27.8 26.4 39.6

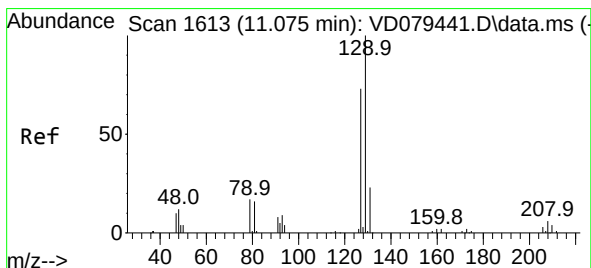
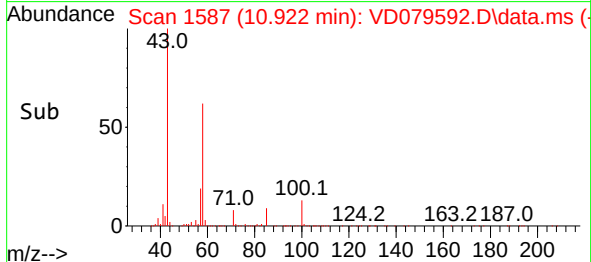
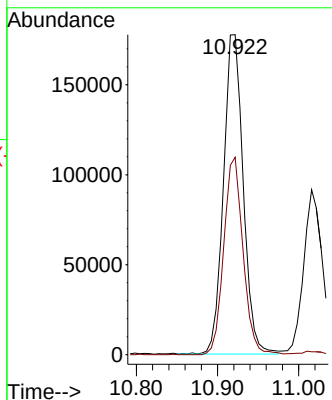
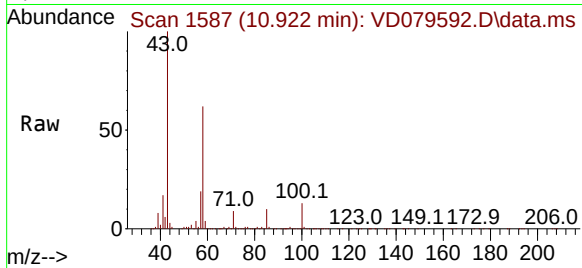




#59
2-Hexanone
Concen: 293.359 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

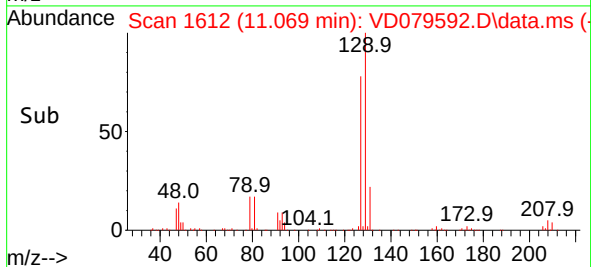
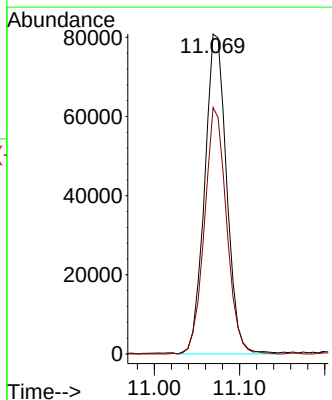
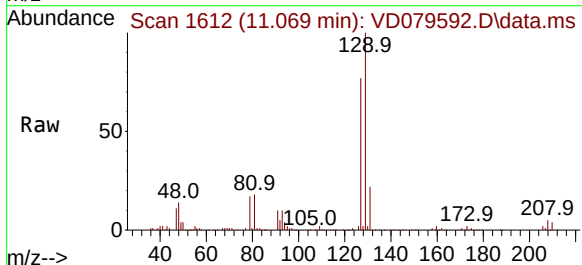
Instrument :
MSVOA_D
ClientSampleId :

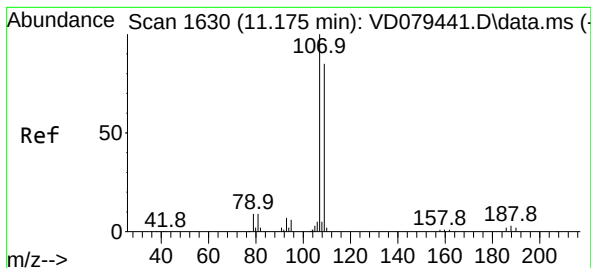
Tgt Ion: 43 Resp: 300633
Ion Ratio Lower Upper
43 100
58 60.4 31.1 93.5



#60
Dibromochloromethane
Concen: 52.722 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion: 129 Resp: 145204
Ion Ratio Lower Upper
129 100
127 77.4 38.0 113.9





#61

1,2-Dibromoethane

Concen: 53.713 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

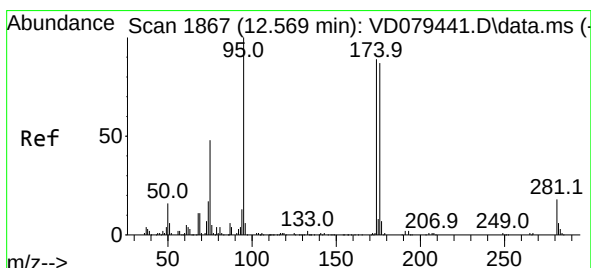
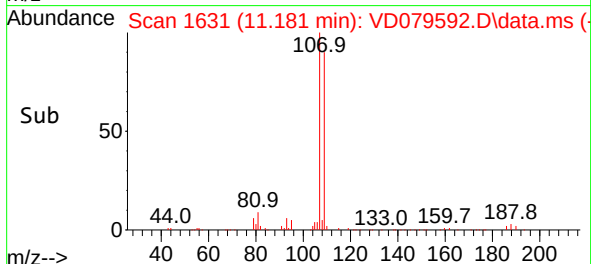
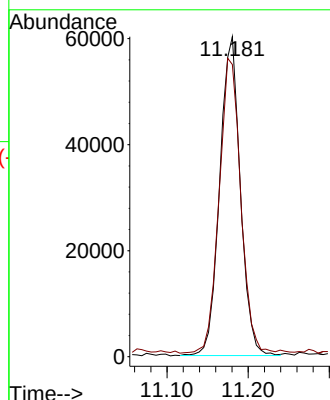
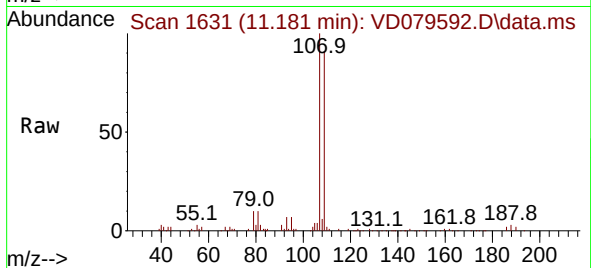
ClientSampleId :

Tgt Ion:107 Resp: 106089

Ion Ratio Lower Upper

107 100

109 96.3 72.0 108.0



#62

4-Bromofluorobenzene

Concen: 52.006 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

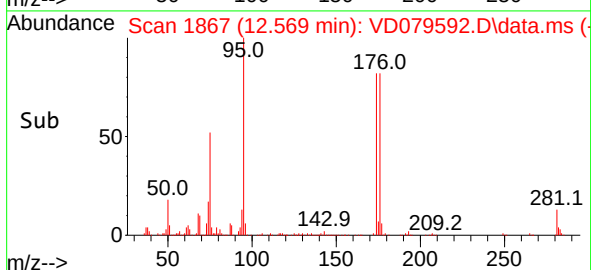
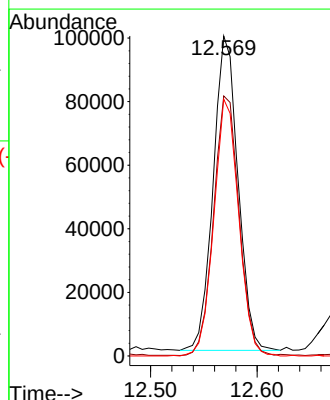
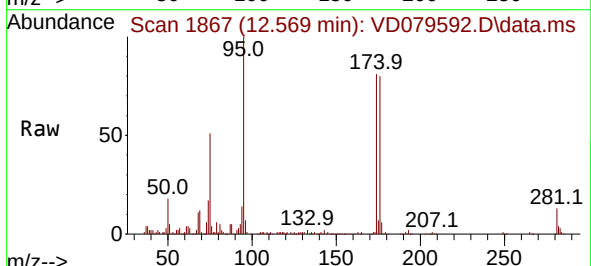
Tgt Ion: 95 Resp: 159929

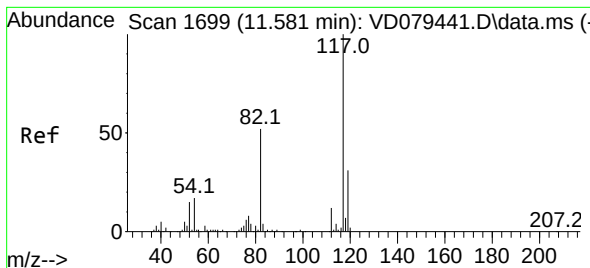
Ion Ratio Lower Upper

95 100

174 84.7 0.0 195.4

176 81.8 0.0 192.6

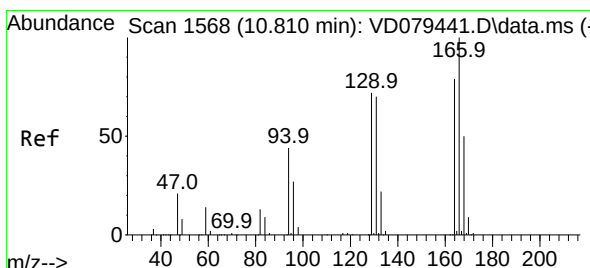
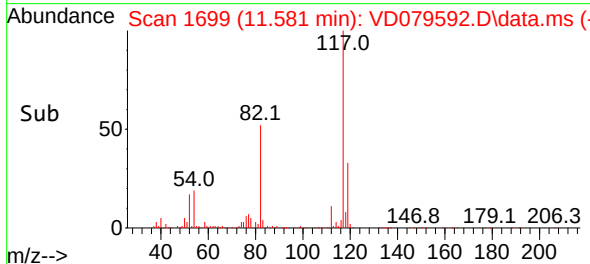
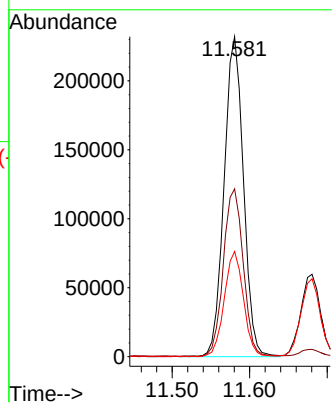
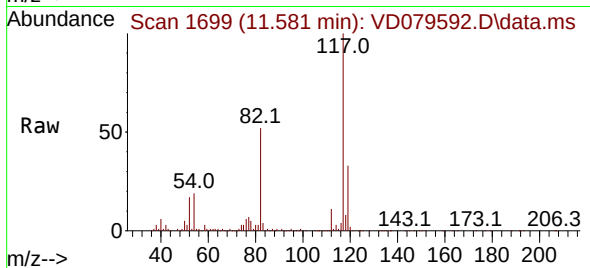




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

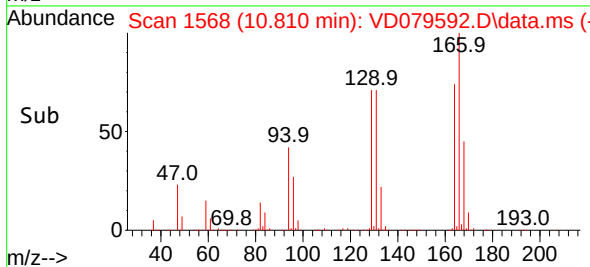
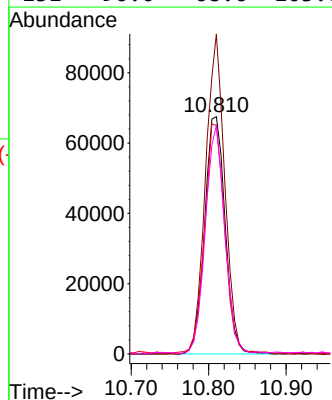
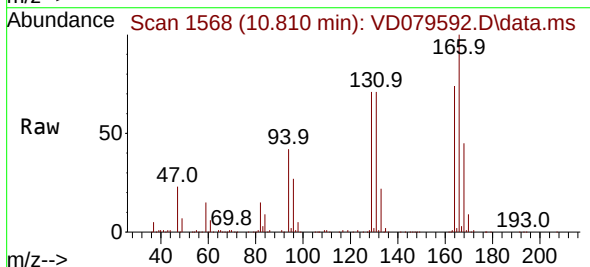
Instrument :
MSVOA_D
ClientSampleId :

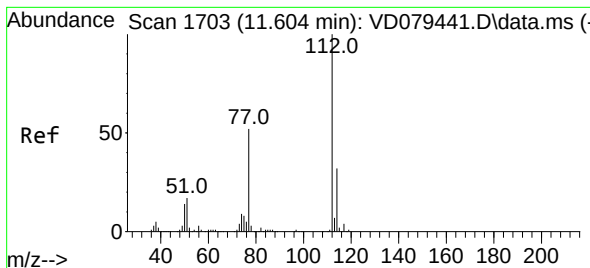
Tgt Ion:117 Resp: 402815
Ion Ratio Lower Upper
117 100
82 52.3 39.8 59.6
119 32.8 25.7 38.5



#64
Tetrachloroethene
Concen: 45.711 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion:164 Resp: 124160
Ion Ratio Lower Upper
164 100
166 134.9 108.6 163.0
129 95.9 74.6 112.0
131 96.0 68.6 103.0





#65

Chlorobenzene

Concen: 48.832 ug/l

RT: 11.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

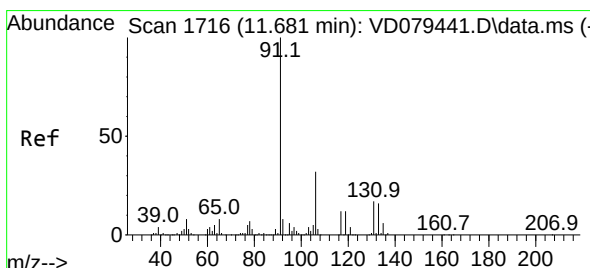
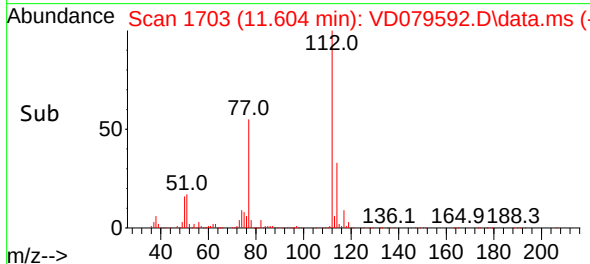
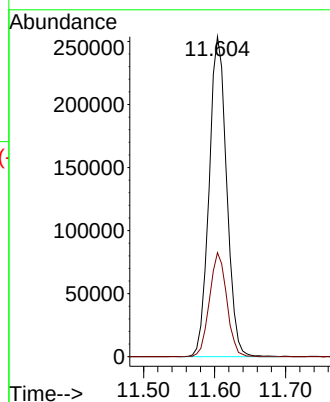
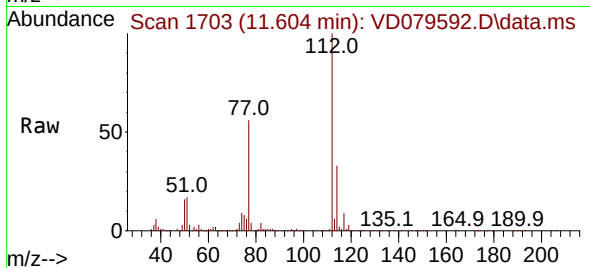
ClientSampleId :

Tgt Ion:112 Resp: 435574

Ion Ratio Lower Upper

112 100

114 32.5 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 50.790 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

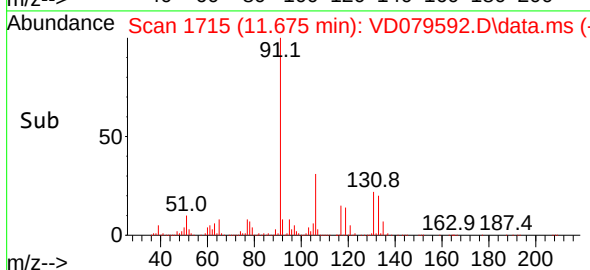
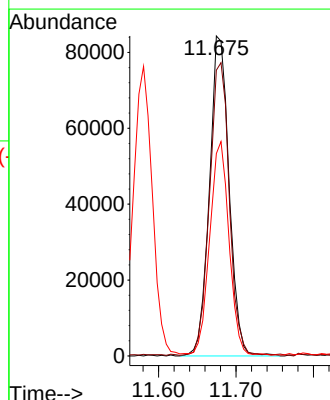
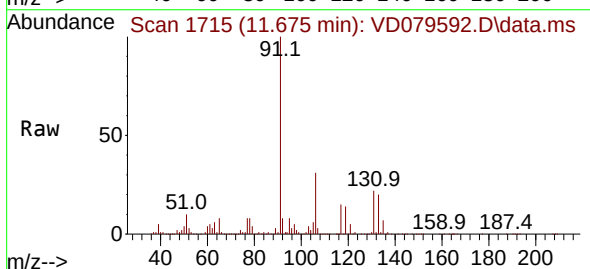
Tgt Ion:131 Resp: 149057

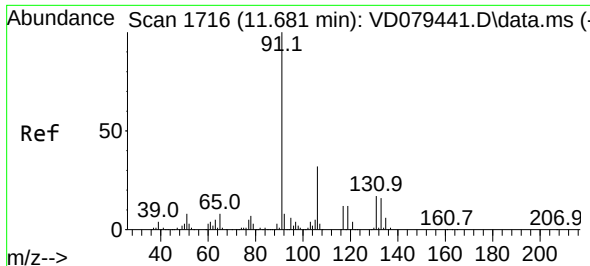
Ion Ratio Lower Upper

131 100

133 91.8 49.2 147.6

119 65.0 33.4 100.2

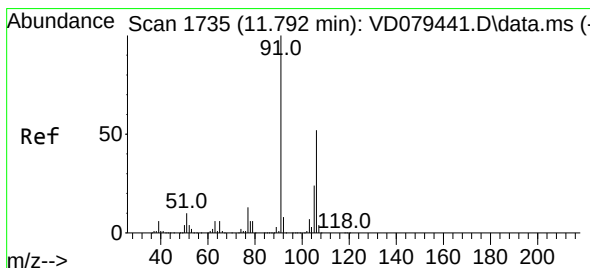
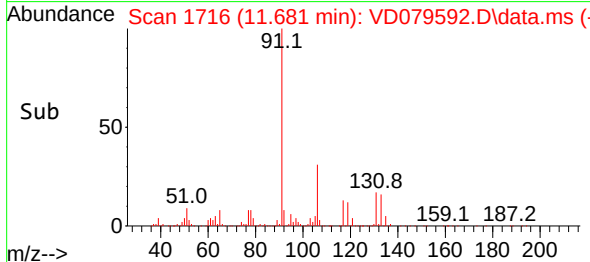
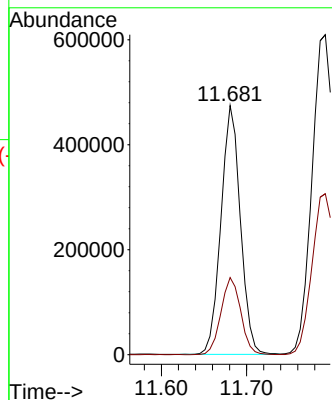
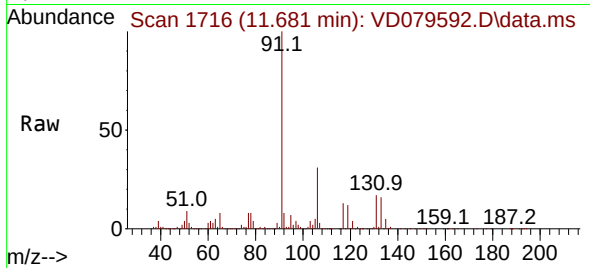




#67
Ethyl Benzene
Concen: 51.524 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

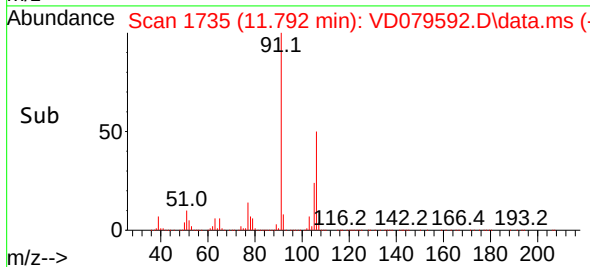
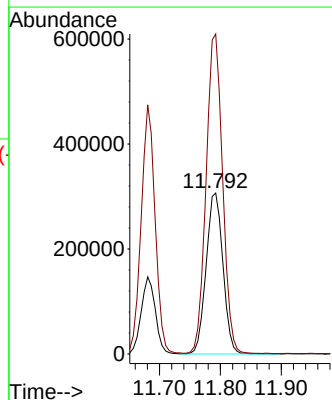
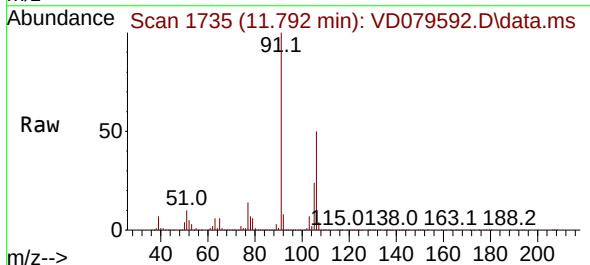
Instrument :
MSVOA_D
ClientSampleId :

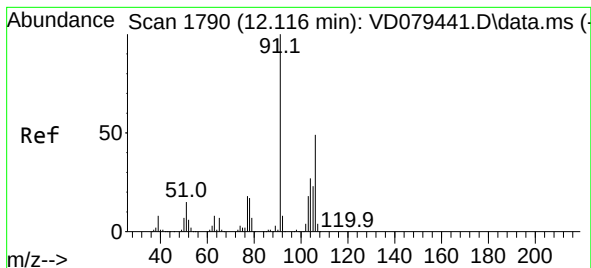
Tgt Ion: 91 Resp: 752366
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.6



#68
m/p-Xylenes
Concen: 101.245 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion:106 Resp: 586538
Ion Ratio Lower Upper
106 100
91 194.9 148.5 222.7





#69

o-Xylene

Concen: 53.141 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

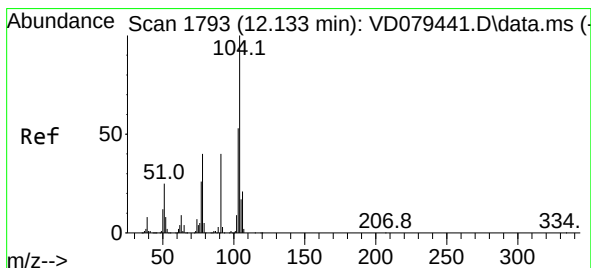
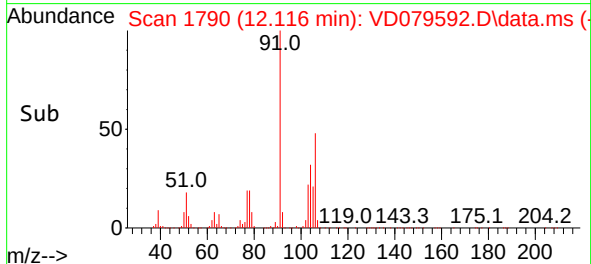
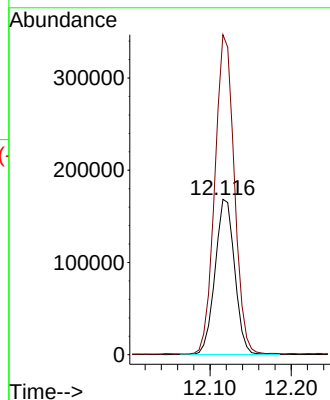
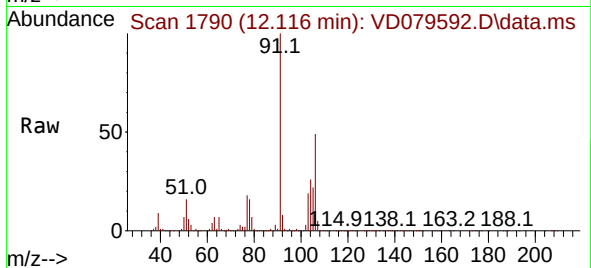
ClientSampleId :

Tgt Ion:106 Resp: 282186

Ion Ratio Lower Upper

106 100

91 204.8 96.7 290.1



#70

Styrene

Concen: 52.233 ug/l

RT: 12.133 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

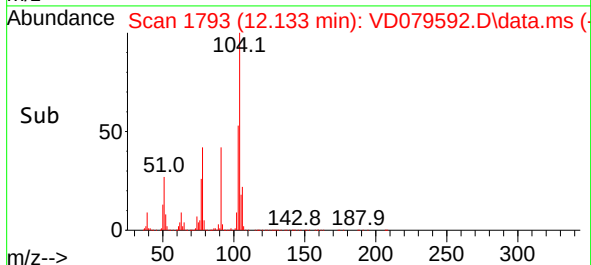
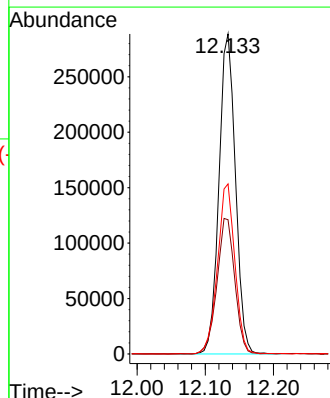
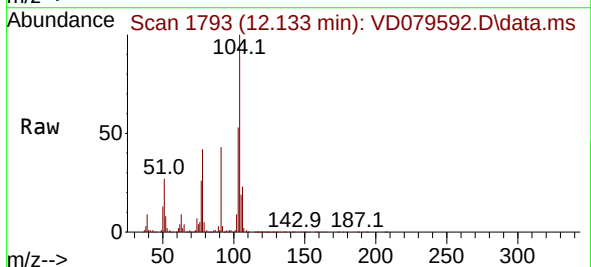
Tgt Ion:104 Resp: 486265

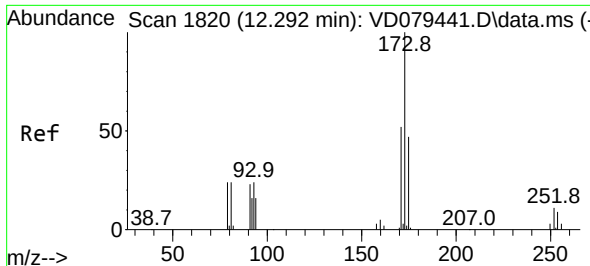
Ion Ratio Lower Upper

104 100

78 45.6 33.0 49.6

103 55.7 44.2 66.4

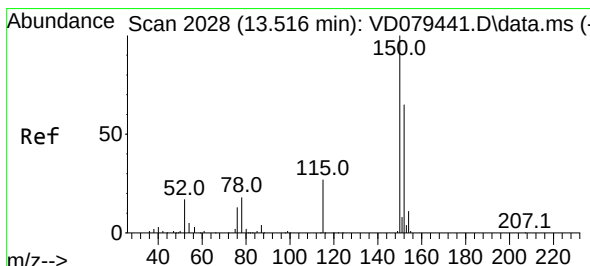
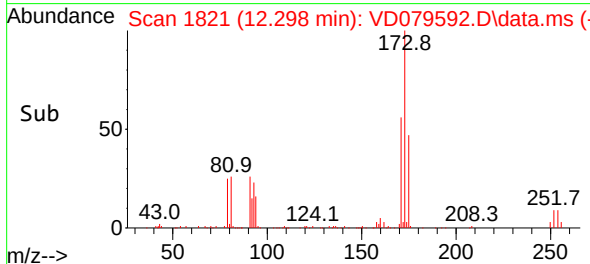
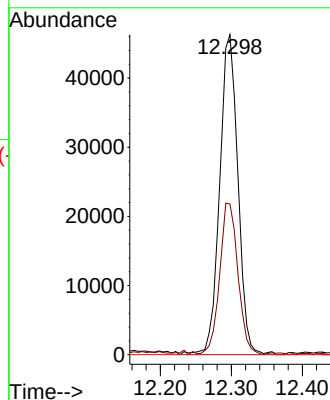
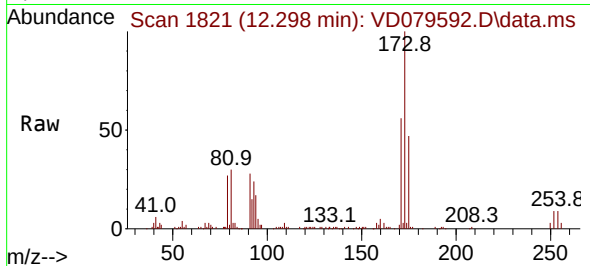




#71
Bromoform
Concen: 49.649 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

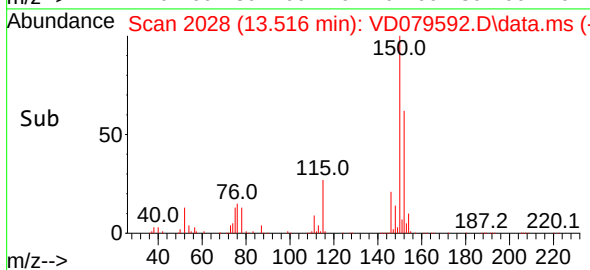
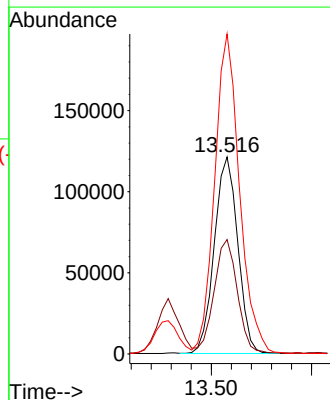
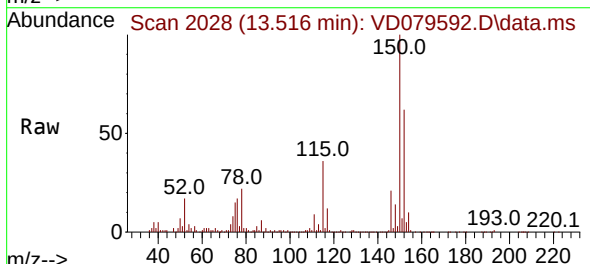
Instrument :
MSVOA_D
ClientSampleId :

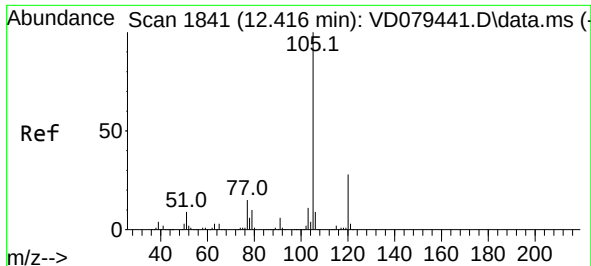
Tgt Ion:173 Resp: 82371
Ion Ratio Lower Upper
173 100
175 47.5 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

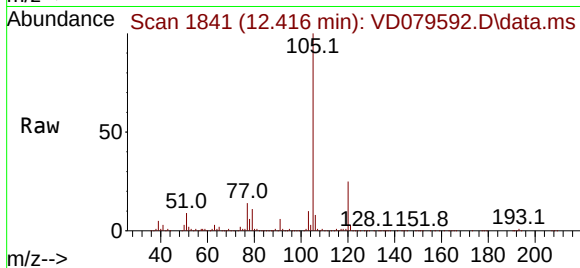
Tgt Ion:152 Resp: 196792
Ion Ratio Lower Upper
152 100
115 57.0 26.5 79.5
150 172.5 0.0 341.6



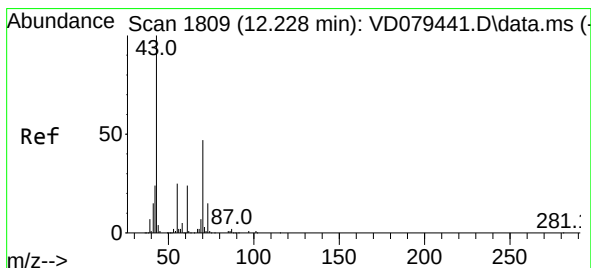
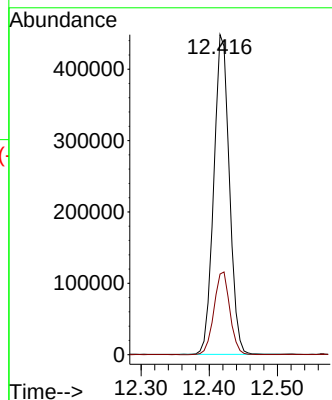
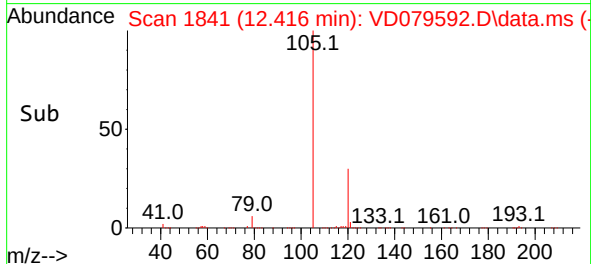


#73
Isopropylbenzene
Concen: 48.462 ug/l
RT: 12.416 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

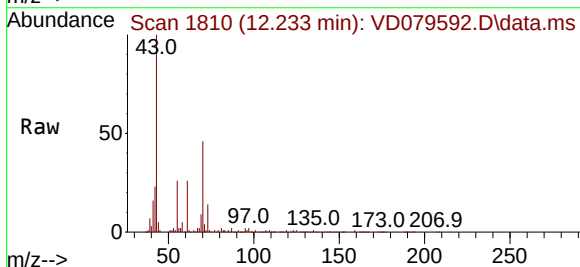
Instrument :
MSVOA_D
ClientSampleId :



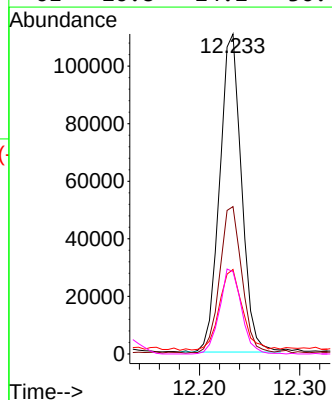
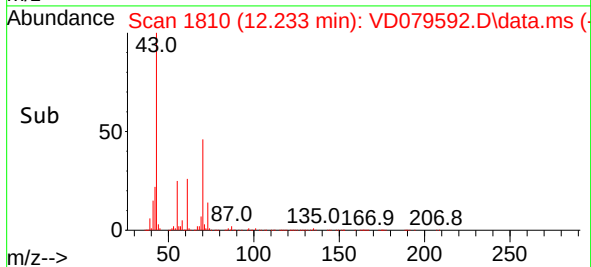
Tgt Ion:105 Resp: 712512
Ion Ratio Lower Upper
105 100
120 26.5 13.6 40.7

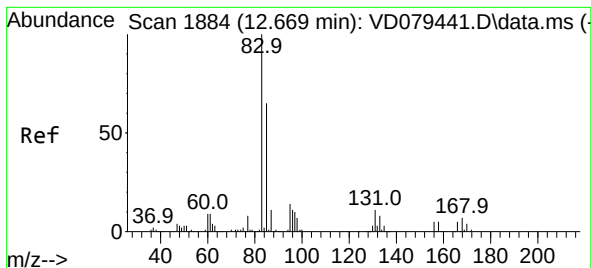


#74
N-ethyl acetate
Concen: 57.818 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29



Tgt Ion: 43 Resp: 167351
Ion Ratio Lower Upper
43 100
70 46.7 44.3 66.5
55 26.6 23.2 34.8
61 26.8 24.2 36.4

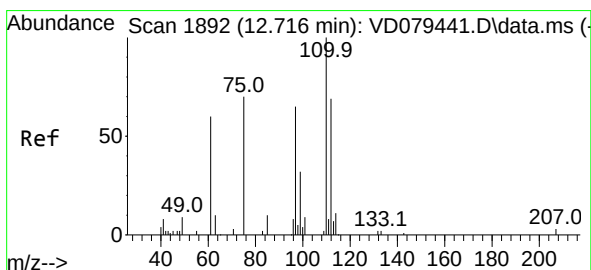
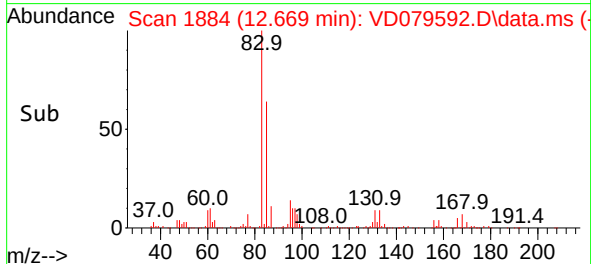
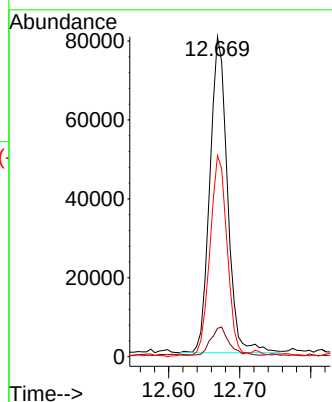
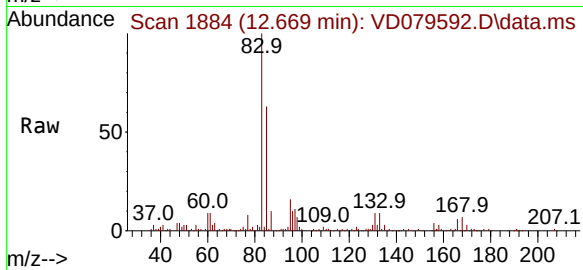




#75
1,1,2,2-Tetrachloroethane
Concen: 53.871 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

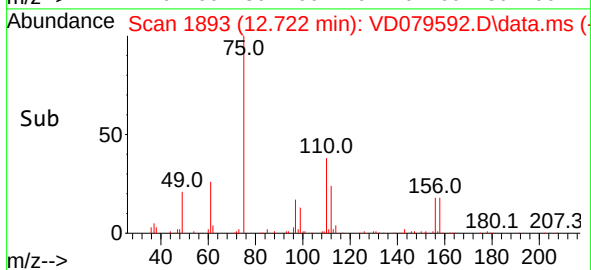
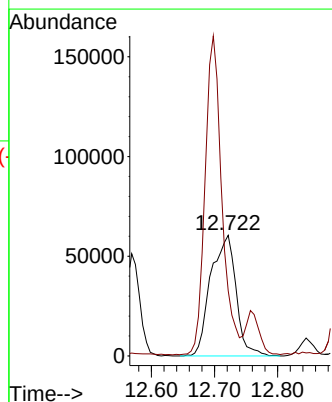
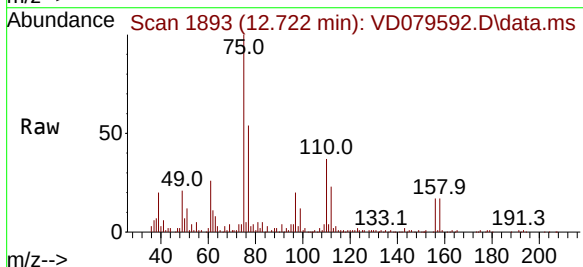
Instrument :
MSVOA_D
ClientSampleId :

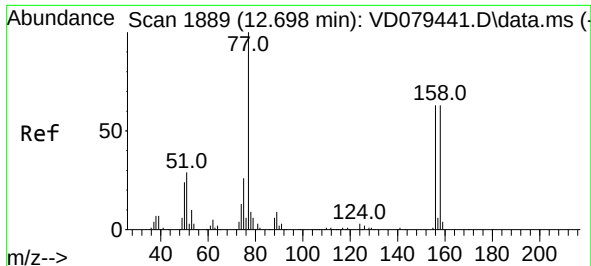
Tgt Ion:	83	Resp:	137723
Ion	Ratio	Lower	Upper
83	100		
131	9.5	5.5	16.5
85	62.9	33.8	101.3



#76
1,2,3-Trichloropropane
Concen: 98.299 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion:	75	Resp:	169090
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

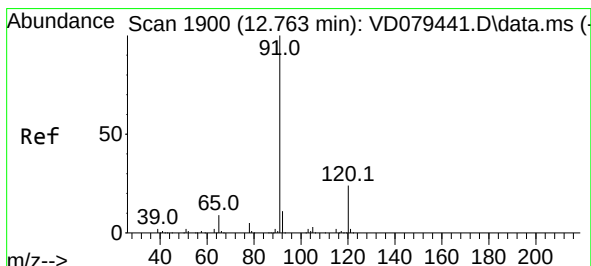
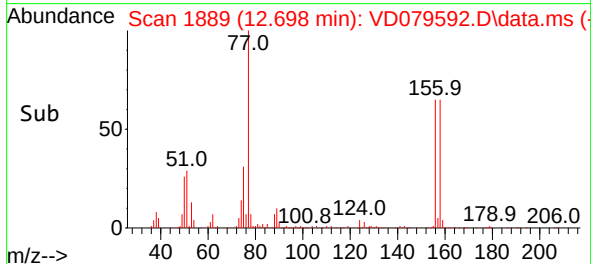
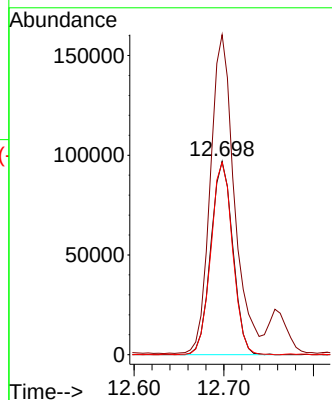
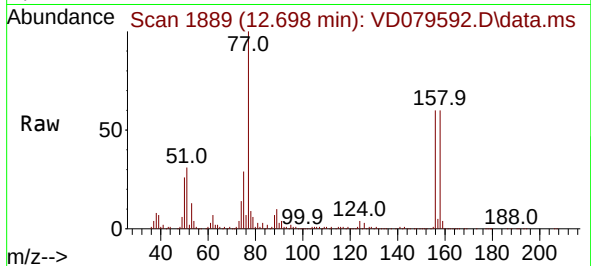




#77
Bromobenzene
Concen: 49.920 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

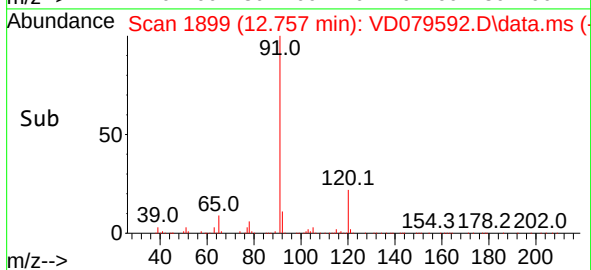
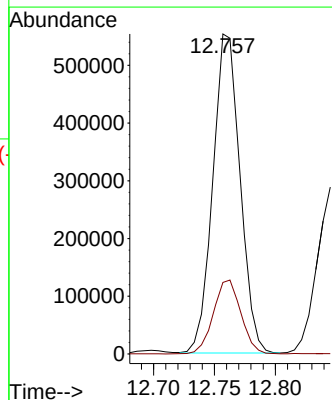
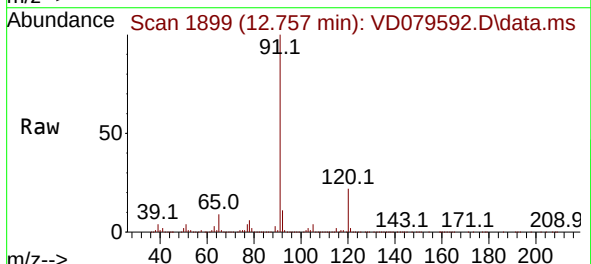
Instrument :
MSVOA_D
ClientSampleId :

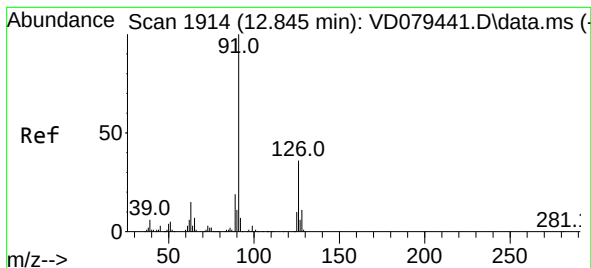
Tgt Ion:156 Resp: 164725
Ion Ratio Lower Upper
156 100
77 179.4 77.3 231.9
158 98.7 49.6 149.0



#78
n-propylbenzene
Concen: 52.328 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion: 91 Resp: 860794
Ion Ratio Lower Upper
91 100
120 23.5 12.3 36.8





#79

2-Chlorotoluene

Concen: 51.876 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

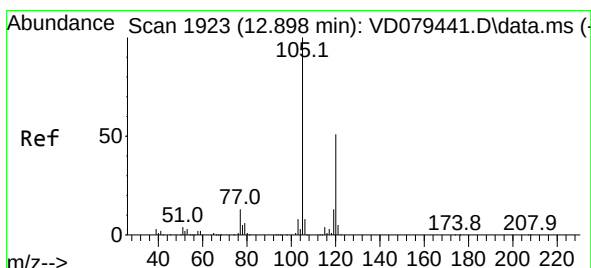
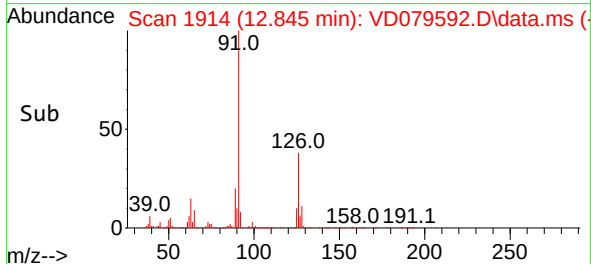
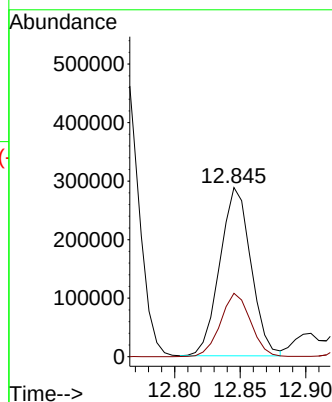
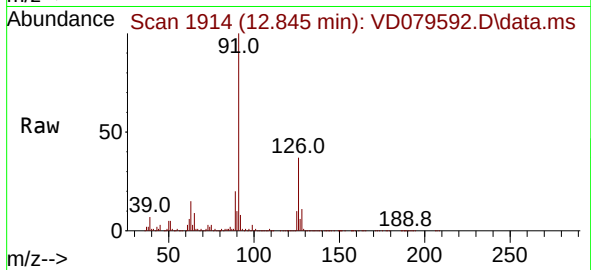
ClientSampleId :

Tgt Ion: 91 Resp: 475162

Ion Ratio Lower Upper

91 100

126 36.5 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 52.801 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD079592.D

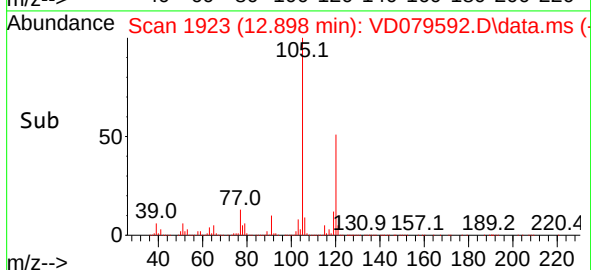
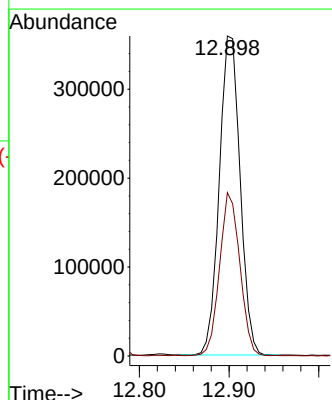
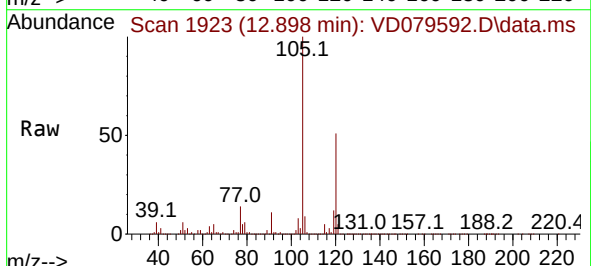
Acq: 05 Aug 2024 20:29

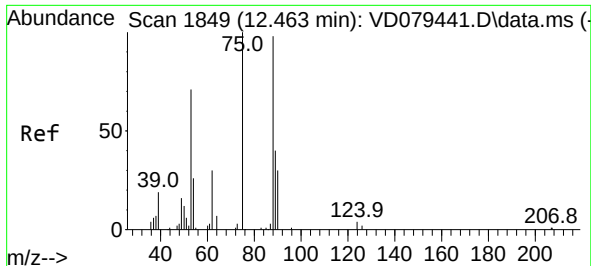
Tgt Ion: 105 Resp: 578809

Ion Ratio Lower Upper

105 100

120 50.2 25.7 77.1

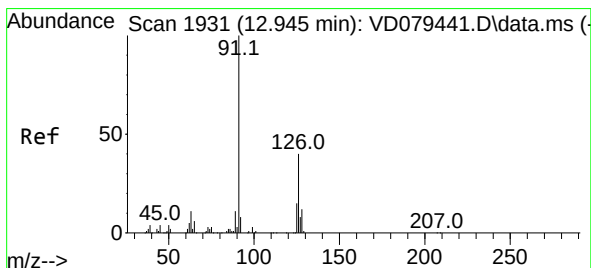
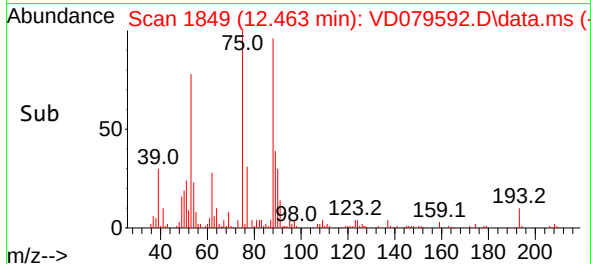
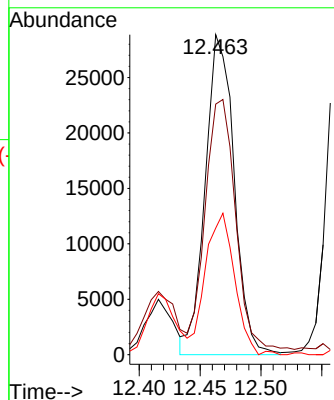
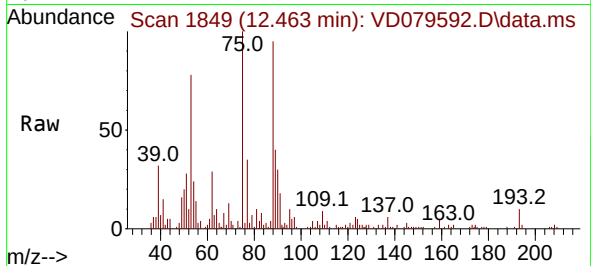




#81
trans-1,4-Dichloro-2-butene
Concen: 52.849 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

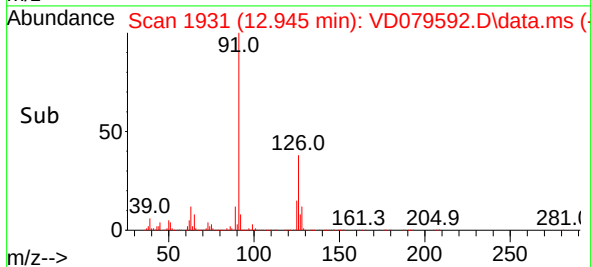
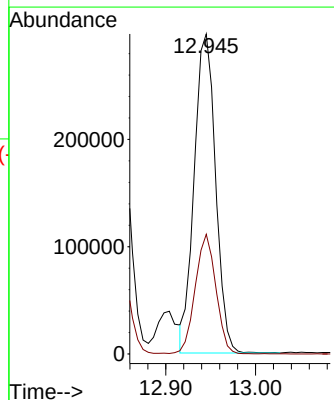
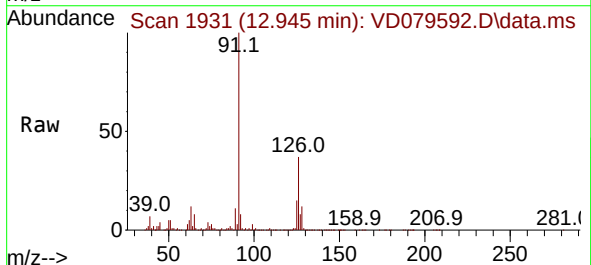
Instrument :
MSVOA_D
ClientSampleId :

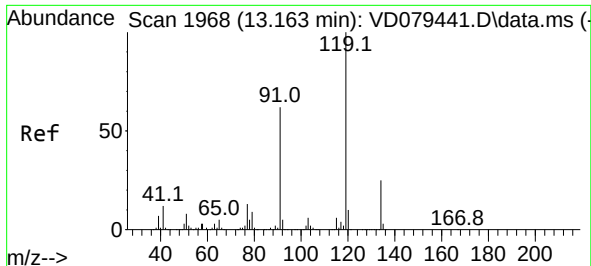
Tgt Ion: 75 Resp: 47664
Ion Ratio Lower Upper
75 100
53 81.0 61.4 92.2
89 44.8 35.4 53.0



#82
4-Chlorotoluene
Concen: 51.508 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion: 91 Resp: 491837
Ion Ratio Lower Upper
91 100
126 36.1 18.9 56.9

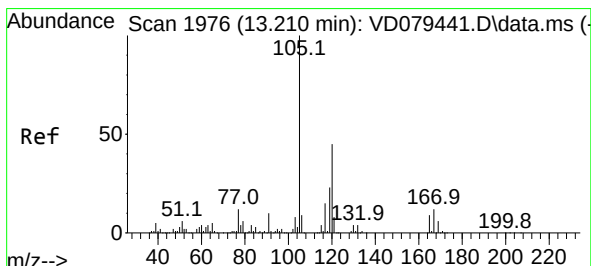
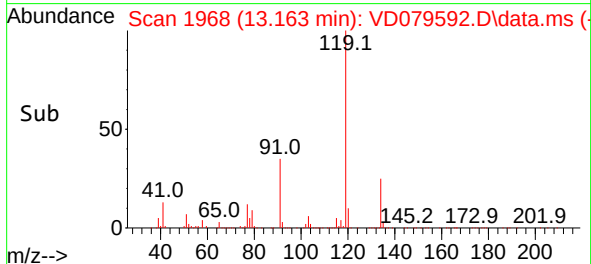
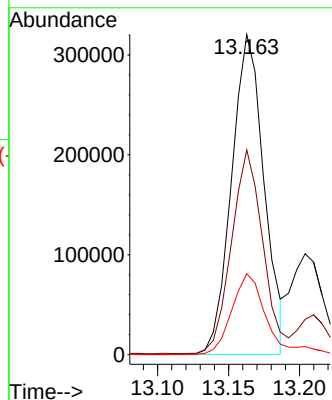
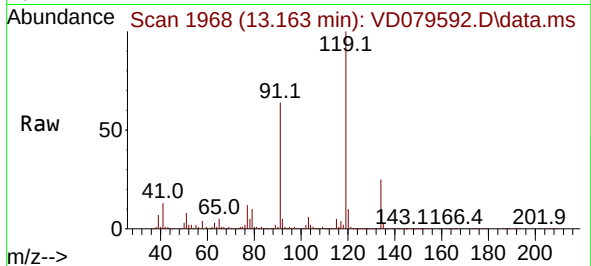




#83
tert-Butylbenzene
Concen: 48.063 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

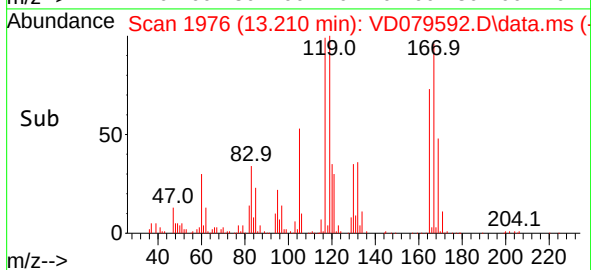
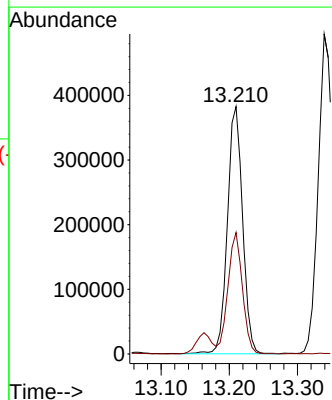
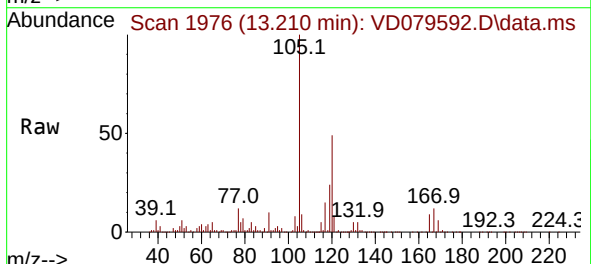
Instrument :
MSVOA_D
ClientSampleId :

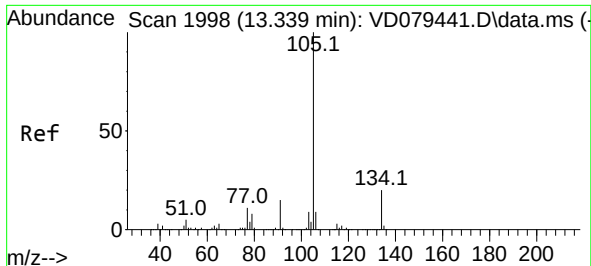
Tgt Ion:119 Resp: 508739
Ion Ratio Lower Upper
119 100
91 61.8 28.2 84.7
134 27.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 48.104 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion:105 Resp: 591556
Ion Ratio Lower Upper
105 100
120 47.0 23.6 71.0

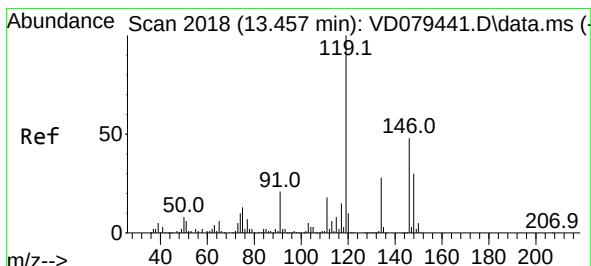
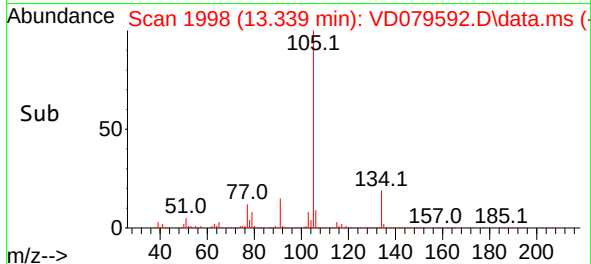
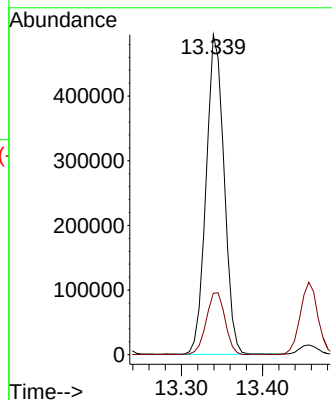
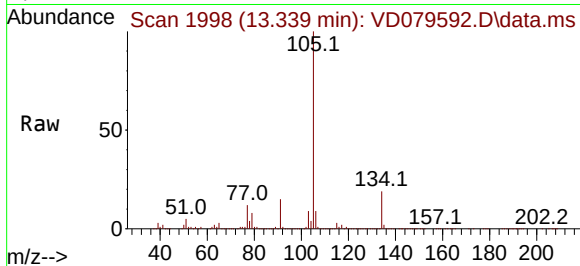




#85
 sec-Butylbenzene
 Concen: 52.010 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VD079592.D
 Acq: 05 Aug 2024 20:29

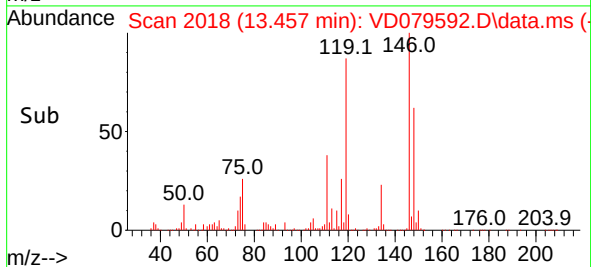
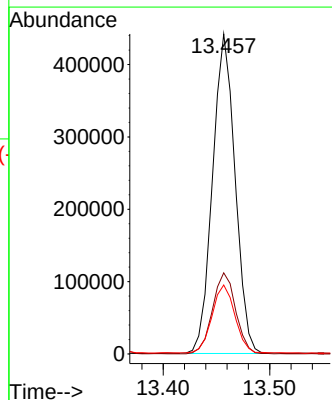
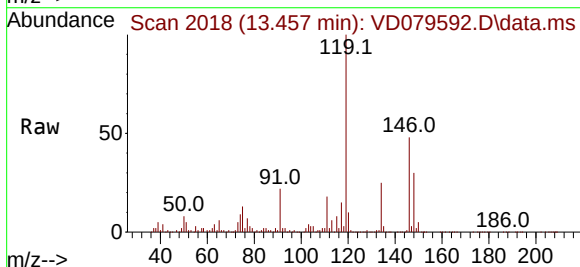
Instrument :
 MSVOA_D
 ClientSampleId :

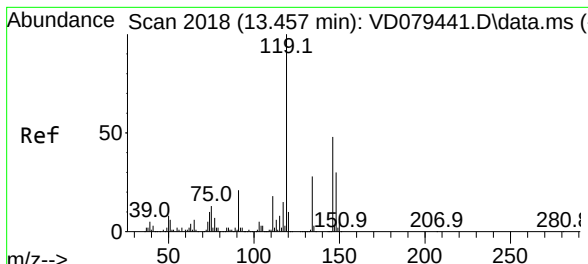
Tgt Ion:105 Resp: 758333
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 47.206 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079592.D
 Acq: 05 Aug 2024 20:29

Tgt Ion:119 Resp: 648089
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.7 41.1
 91 22.1 10.7 32.1

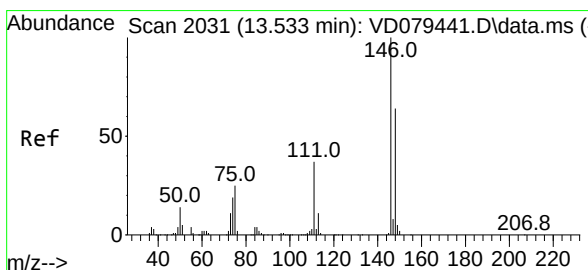
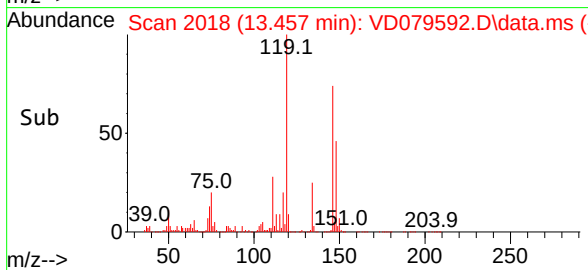
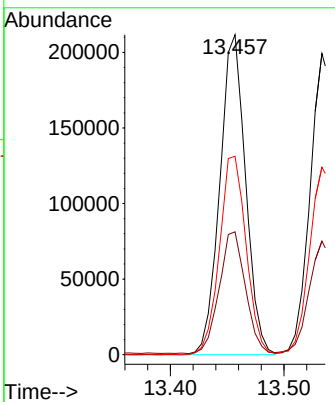
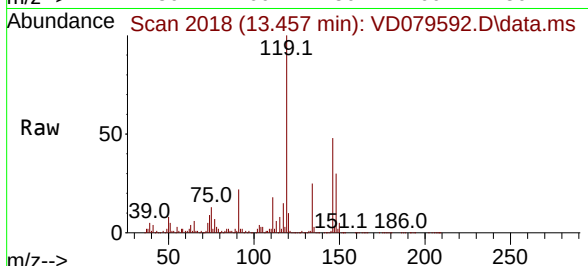




#87
 1,3-Dichlorobenzene
 Concen: 48.849 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD079592.D
 Acq: 05 Aug 2024 20:29

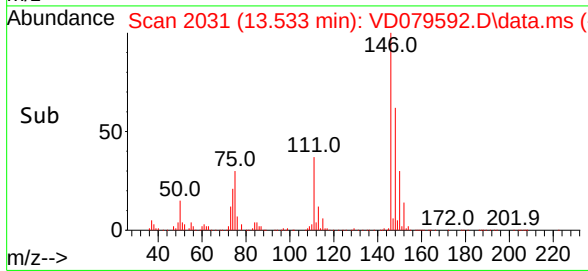
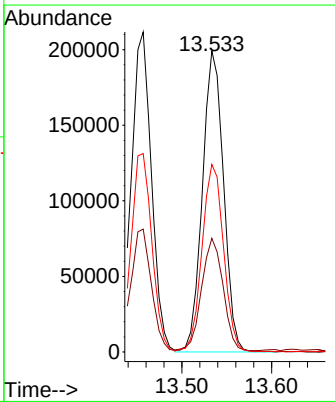
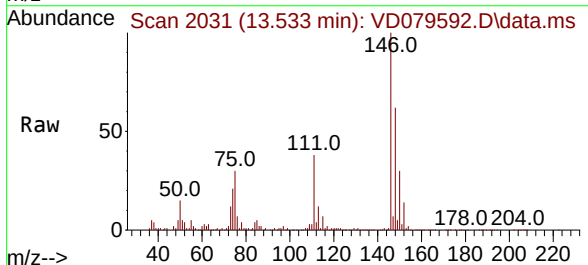
Instrument :
 MSVOA_D
 ClientSampleId :

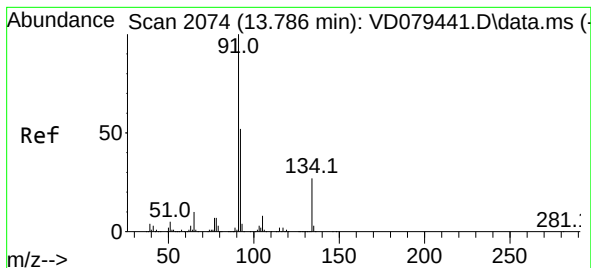
Tgt Ion:	146	Resp:	333890
Ion Ratio	Lower	Upper	
146	100		
111	38.5	18.5	55.5
148	64.1	30.9	92.8



#88
 1,4-Dichlorobenzene
 Concen: 48.481 ug/l
 RT: 13.533 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD079592.D
 Acq: 05 Aug 2024 20:29

Tgt Ion:	146	Resp:	325795
Ion Ratio	Lower	Upper	
146	100		
111	37.7	17.5	52.6
148	63.2	31.4	94.2





#89

n-Butylbenzene

Concen: 48.586 ug/l

RT: 13.780 min Scan# 2074

Delta R.T. -0.001 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

ClientSampleId :

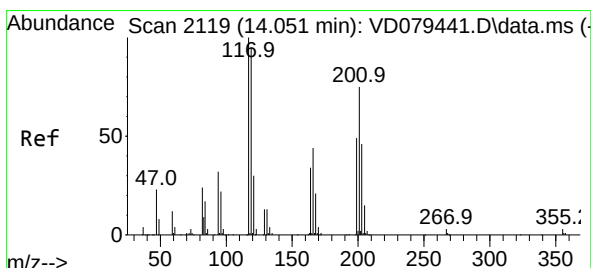
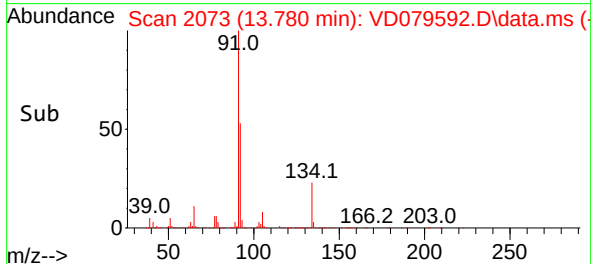
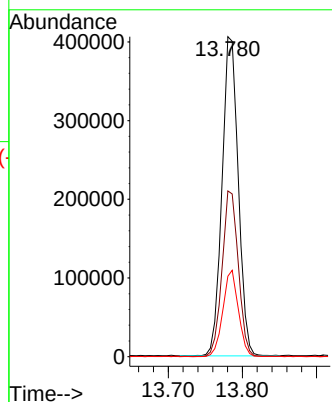
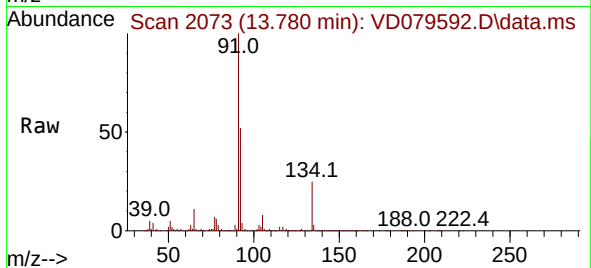
Tgt Ion: 91 Resp: 617546

Ion Ratio Lower Upper

91 100

92 51.9 25.7 77.0

134 25.9 13.6 40.8



#90

Hexachloroethane

Concen: 50.460 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.006 min

Lab File: VD079592.D

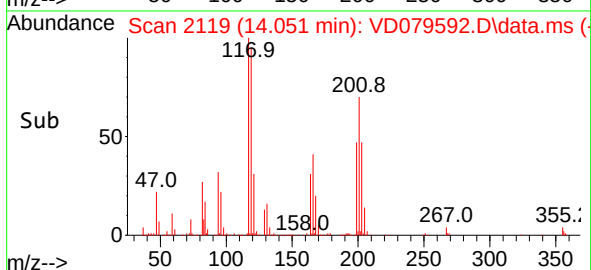
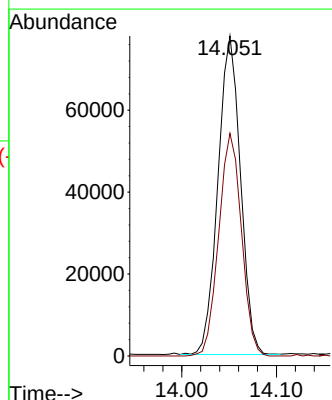
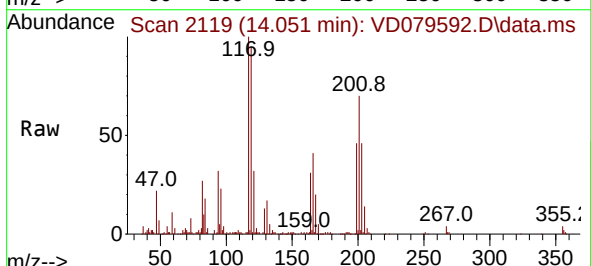
Acq: 05 Aug 2024 20:29

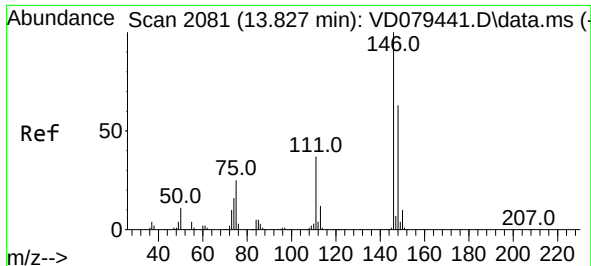
Tgt Ion: 117 Resp: 128685

Ion Ratio Lower Upper

117 100

201 70.3 36.3 108.9

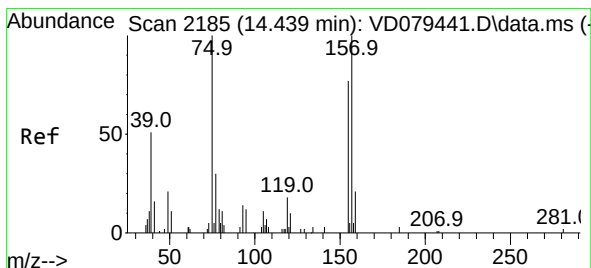
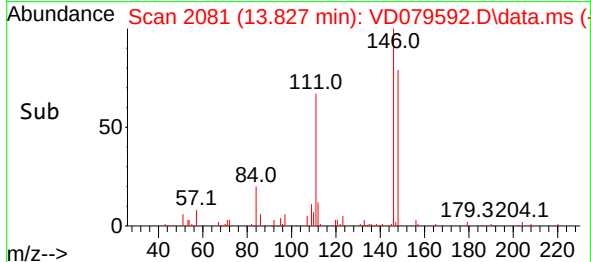
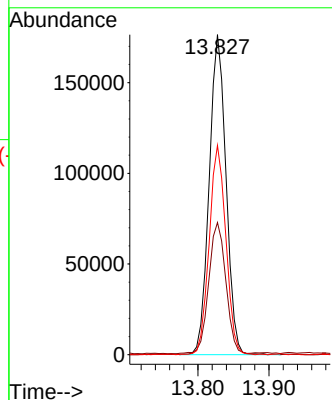
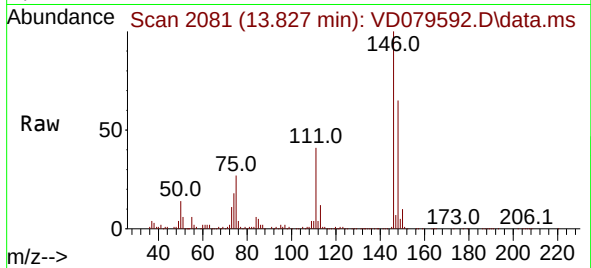




#91
1,2-Dichlorobenzene
Concen: 49.685 ug/l
RT: 13.827 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

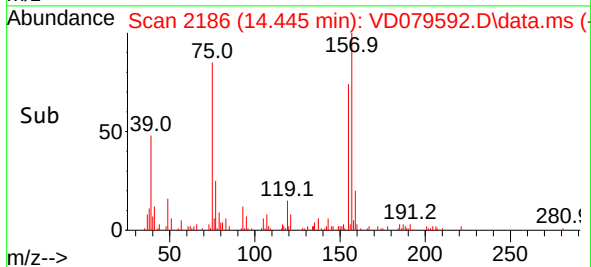
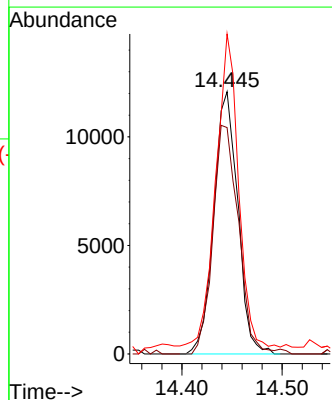
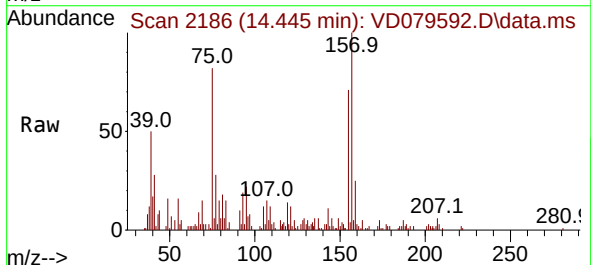
Instrument :
MSVOA_D
ClientSampleId :

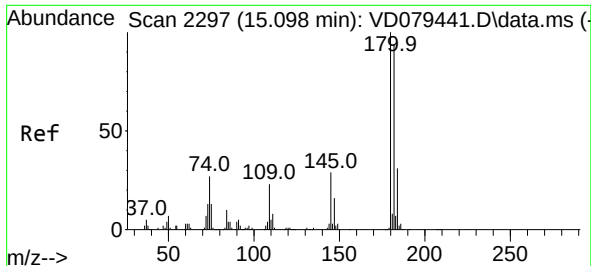
Tgt Ion:146 Resp: 290246
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.1
148 65.0 31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 58.915 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079592.D
Acq: 05 Aug 2024 20:29

Tgt Ion: 75 Resp: 20041
Ion Ratio Lower Upper
75 100
155 93.3 47.7 143.1
157 118.8 63.4 190.2

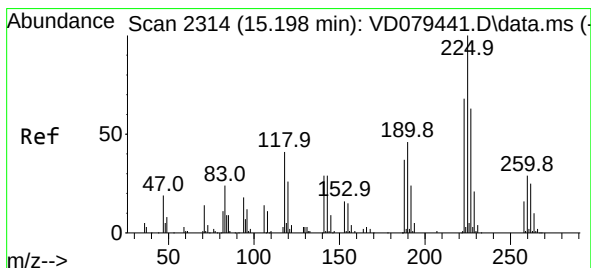
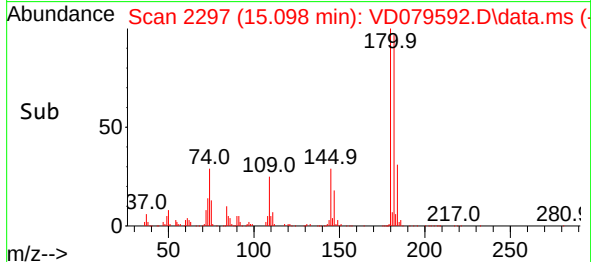
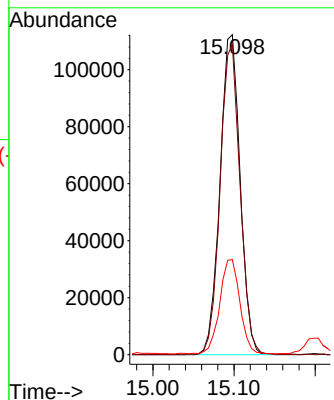
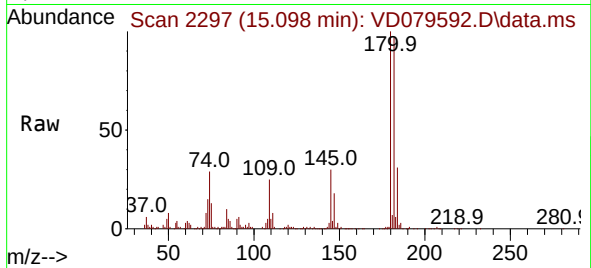




#93
 1,2,4-Trichlorobenzene
 Concen: 52.722 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.006 min
 Lab File: VD079592.D
 Acq: 05 Aug 2024 20:29

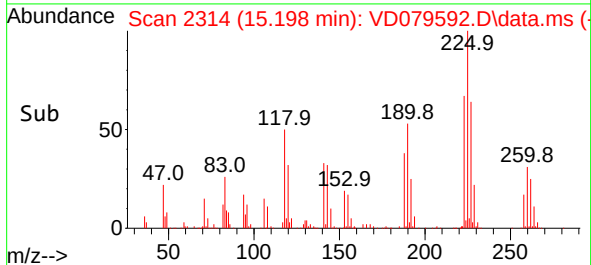
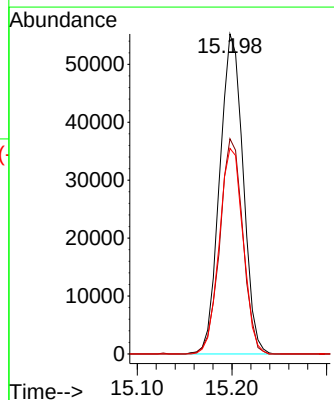
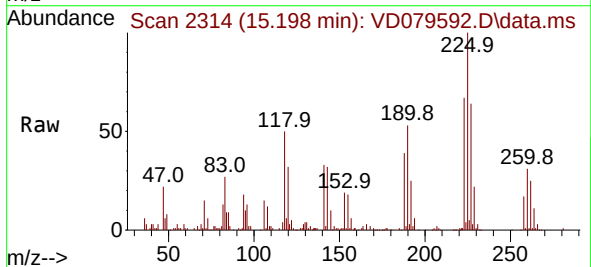
Instrument :
 MSVOA_D
 ClientSampleId :

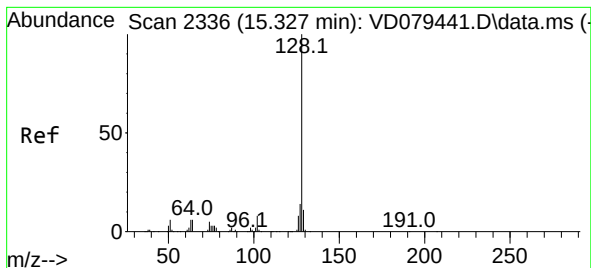
Tgt Ion:180 Resp: 194046
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.9 140.7
 145 29.5 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 47.714 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.000 min
 Lab File: VD079592.D
 Acq: 05 Aug 2024 20:29

Tgt Ion:225 Resp: 94783
 Ion Ratio Lower Upper
 225 100
 223 66.1 33.3 99.9
 227 65.2 33.6 100.6





#95

Naphthalene

Concen: 61.262 ug/l

RT: 15.327 min Scan# 2336

Delta R.T. -0.001 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Instrument :

MSVOA_D

ClientSampleId :

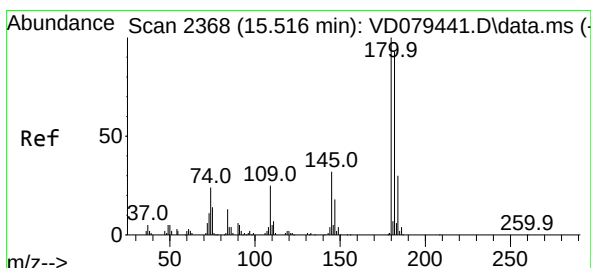
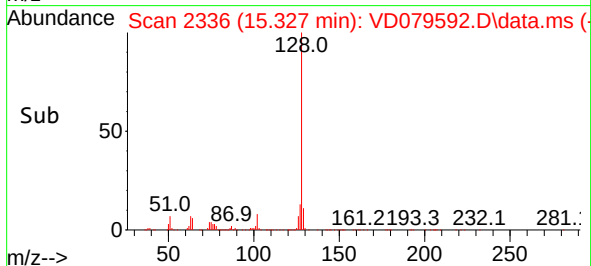
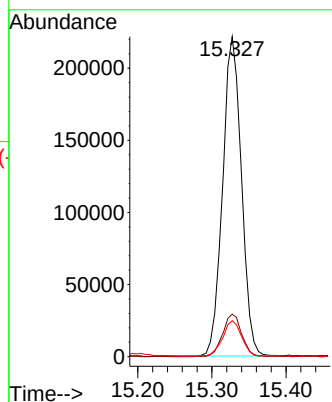
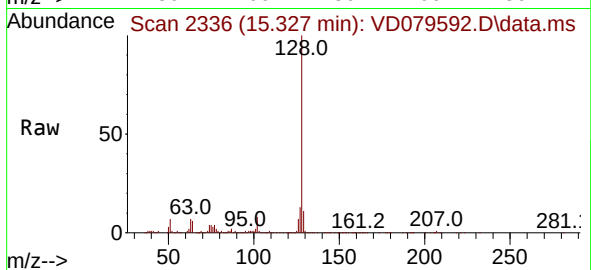
Tgt Ion:128 Resp: 390259

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.3 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 53.825 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079592.D

Acq: 05 Aug 2024 20:29

Tgt Ion:180 Resp: 174265

Ion Ratio Lower Upper

180 100

182 93.7 47.8 143.3

145 32.1 16.1 48.2

