

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079684.D
 Acq On : 08 Aug 2024 23:05
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 09 01:17:03 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	199715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	393731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	348712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	167553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	85782	42.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.560%
35) Dibromofluoromethane	7.804	113	87937	32.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.000%
50) Toluene-d8	10.269	98	349107	33.733	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	67.460%
62) 4-Bromofluorobenzene	12.569	95	101765	33.981	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	65279	41.717	ug/l	95
3) Chloromethane	2.146	50	141033	48.914	ug/l	97
4) Vinyl Chloride	2.281	62	167097	48.742	ug/l	98
5) Bromomethane	2.687	94	117703	54.640	ug/l	97
6) Chloroethane	2.834	64	118805	53.930	ug/l	97
7) Trichlorofluoromethane	3.169	101	152445	44.714	ug/l	98
8) Diethyl Ether	3.593	74	55978	54.355	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.969	101	95122	44.114	ug/l	92
10) Methyl Iodide	4.163	142	118327	45.615	ug/l	97
11) Tert butyl alcohol	5.063	59	29815	319.109	ug/l #	78
12) 1,1-Dichloroethene	3.940	96	99785	46.242	ug/l	92
13) Acrolein	3.793	56	18814	127.491	ug/l	91
14) Allyl chloride	4.563	41	155783	54.671	ug/l #	84
15) Acrylonitrile	5.258	53	138097	286.959	ug/l	97
16) Acetone	4.022	43	87592	222.144	ug/l	97
17) Carbon Disulfide	4.269	76	315559	44.302	ug/l	96
18) Methyl Acetate	4.558	43	82538	67.420	ug/l #	86
19) Methyl tert-butyl Ether	5.322	73	245298	55.690	ug/l	97
20) Methylene Chloride	4.805	84	137463	46.421	ug/l	89
21) trans-1,2-Dichloroethene	5.305	96	116698	48.140	ug/l #	84
22) Diisopropyl ether	6.216	45	364425	57.480	ug/l #	93
23) Vinyl Acetate	6.157	43	1288073	270.267	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	220223	51.833	ug/l	94
25) 2-Butanone	7.081	43	146015	261.202	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	151934	44.210	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	138133	49.852	ug/l	87
28) Bromochloromethane	7.422	49	90886	48.782	ug/l #	68
29) Tetrahydrofuran	7.446	42	103219	297.946	ug/l #	79
30) Chloroform	7.599	83	220488	51.246	ug/l	98
31) Cyclohexane	7.881	56	154154	45.748	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	172055	48.461	ug/l	97
36) 1,1-Dichloropropene	8.010	75	147850	40.647	ug/l	95
37) Ethyl Acetate	7.169	43	70970	47.588	ug/l	97
38) Carbon Tetrachloride	7.993	117	149822	39.182	ug/l	97
39) Methylcyclohexane	9.275	83	158903	36.614	ug/l #	88
40) Benzene	8.251	78	494062	42.765	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	43554	53.094	ug/l #	79
42) 1,2-Dichloroethane	8.328	62	120563	43.793	ug/l	95
43) Isopropyl Acetate	8.363	43	132672	47.335	ug/l #	92
44) Trichloroethene	9.028	130	110172	38.308	ug/l	92
45) 1,2-Dichloropropane	9.304	63	125533	44.650	ug/l	97
46) Dibromomethane	9.393	93	64478	41.369	ug/l	89
47) Bromodichloromethane	9.587	83	165155	43.154	ug/l	97
48) Methyl methacrylate	9.381	41	60231	48.017	ug/l #	83
49) 1,4-Dioxane	9.381	88	15124	936.454	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	354464	247.706	ug/l	94
52) Toluene	10.334	92	300802	42.099	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	152167	43.055	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	181437	42.679	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	87222	42.482	ug/l	93
56) Ethyl methacrylate	10.598	69	117165	48.161	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	153989	44.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	247282	220.409	ug/l #	88
59) 2-Hexanone	10.922	43	240026	240.506	ug/l	93
60) Dibromochloromethane	11.075	129	108816	40.571	ug/l	96
61) 1,2-Dibromoethane	11.181	107	77484	40.283	ug/l	95
64) Tetrachloroethene	10.810	164	85932	36.545	ug/l	90
65) Chlorobenzene	11.604	112	327552	42.419	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	108958	42.887	ug/l	98
67) Ethyl Benzene	11.681	91	563212	44.554	ug/l	95
68) m/p-Xylenes	11.792	106	434940	86.725	ug/l	93
69) o-Xylene	12.122	106	205016	44.599	ug/l	89
70) Styrene	12.134	104	371294	46.071	ug/l	97
71) Bromoform	12.292	173	57632	40.127	ug/l #	95
73) Isopropylbenzene	12.416	105	512661	41.516	ug/l	99
74) N-amyl acetate	12.234	43	123545	50.132	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	102874	47.262	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	122465	83.618	ug/l #	100
77) Bromobenzene	12.698	156	117398	41.786	ug/l	83
78) n-propylbenzene	12.763	91	626522	44.733	ug/l	96
79) 2-Chlorotoluene	12.845	91	358455	45.964	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	423362	45.360	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	35319	45.995	ug/l	98
82) 4-Chlorotoluene	12.945	91	369471	45.446	ug/l	95
83) tert-Butylbenzene	13.163	119	363573	40.925	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	435781	42.082	ug/l	97
85) sec-Butylbenzene	13.339	105	532476	42.892	ug/l	98
86) p-Isopropyltoluene	13.457	119	439983	38.428	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	238382	40.962	ug/l	94
88) 1,4-Dichlorobenzene	13.534	146	234405	40.969	ug/l	96
89) n-Butylbenzene	13.781	91	404421	38.244	ug/l	98
90) Hexachloroethane	14.051	117	92505	42.603	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	211809	42.586	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13856	47.841	ug/l	86
93) 1,2,4-Trichlorobenzene	15.092	180	119730	38.207	ug/l	99
94) Hexachlorobutadiene	15.198	225	57107	33.765	ug/l	94
95) Naphthalene	15.328	128	261263	48.169	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	111180	40.333	ug/l	98

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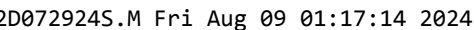
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MSVOA_D
ClientSampleId :

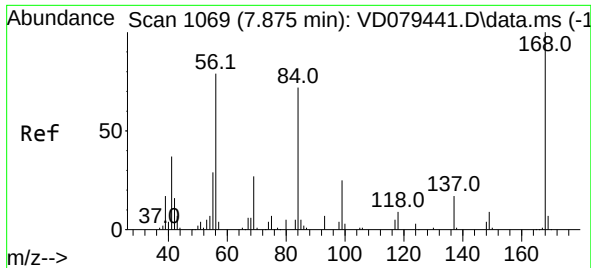
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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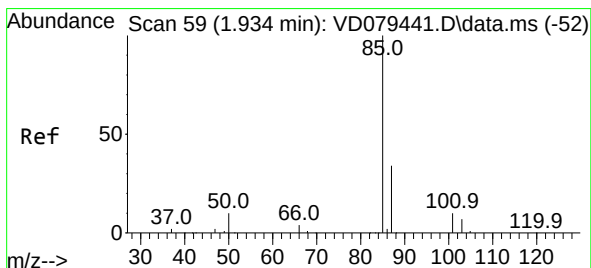
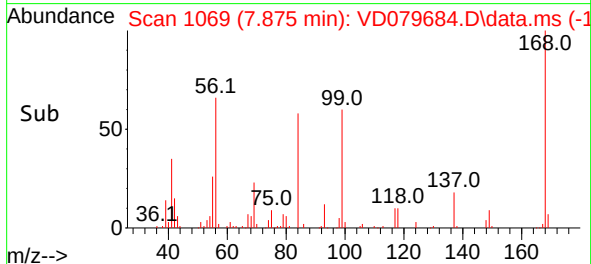
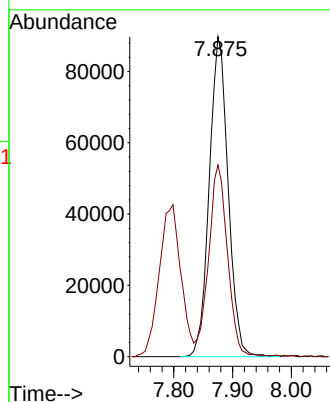
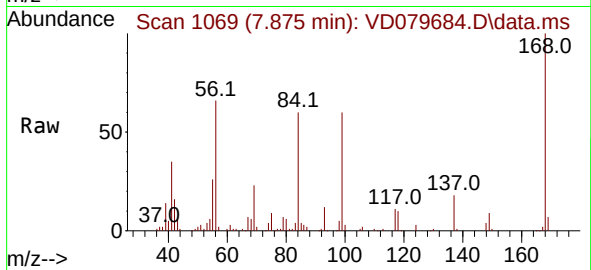




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079684.D
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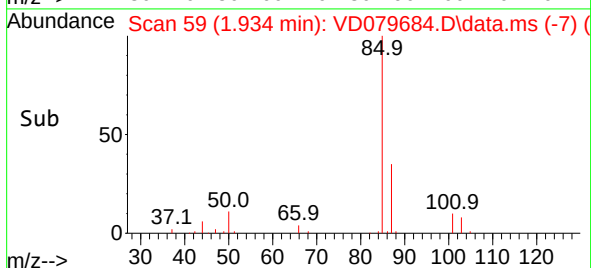
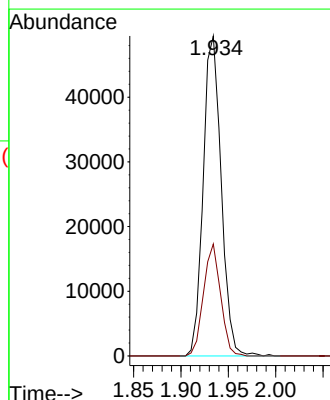
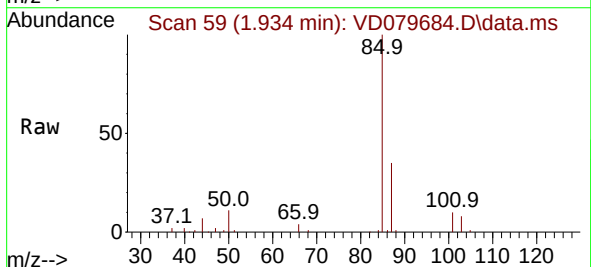
Instrument :
MSVOA_D
ClientSampleId :

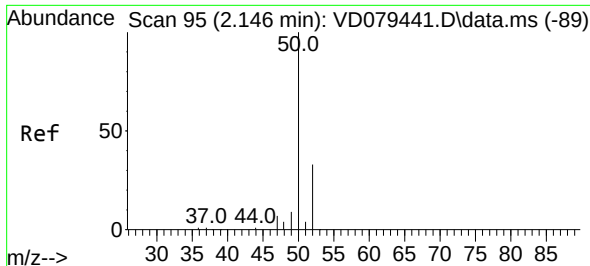
Tgt Ion:168 Resp: 199715
Ion Ratio Lower Upper
168 100
99 59.6 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 41.717 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

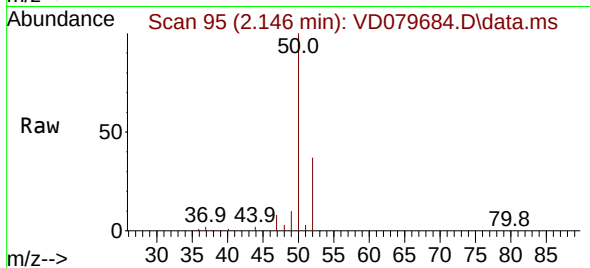
Tgt Ion: 85 Resp: 65279
Ion Ratio Lower Upper
85 100
87 35.0 16.0 48.0



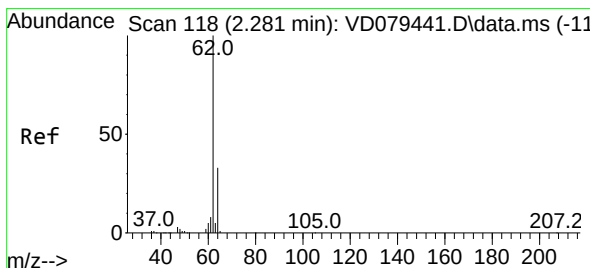
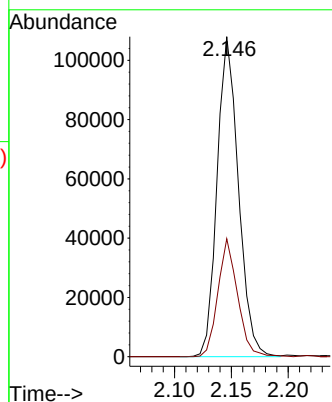
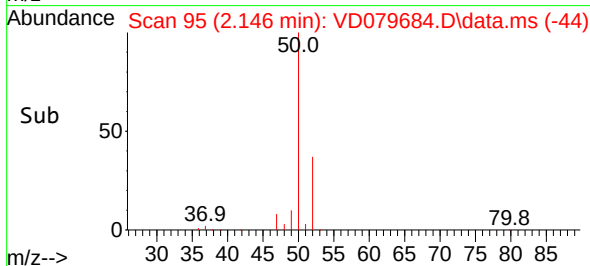


#3
Chloromethane
Concen: 48.914 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

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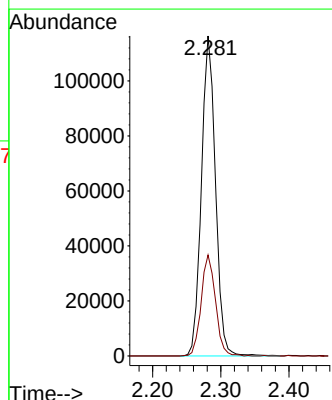
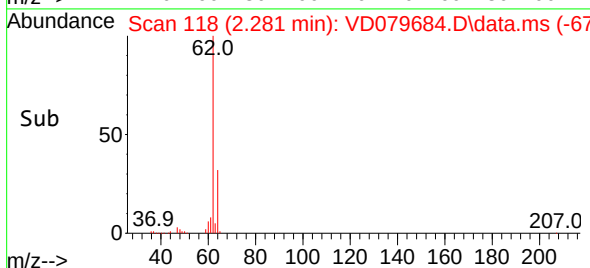
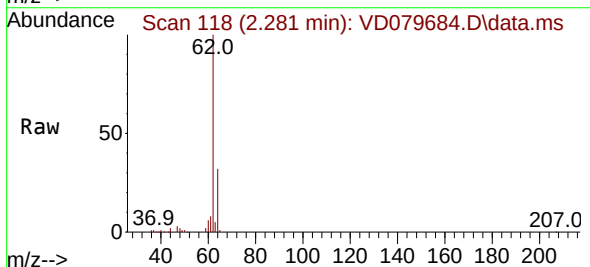


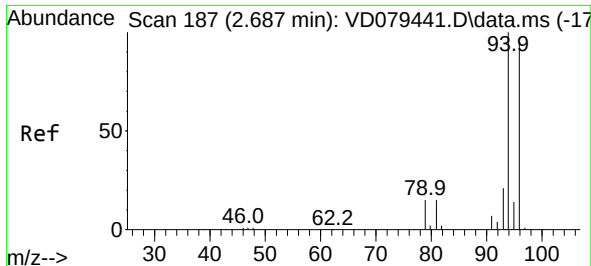
Tgt Ion: 50 Resp: 141033
Ion Ratio Lower Upper
50 100
52 36.8 28.2 42.2



#4
Vinyl Chloride
Concen: 48.742 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 62 Resp: 167097
Ion Ratio Lower Upper
62 100
64 31.5 26.3 39.5

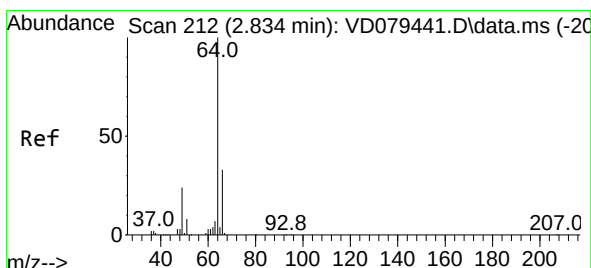
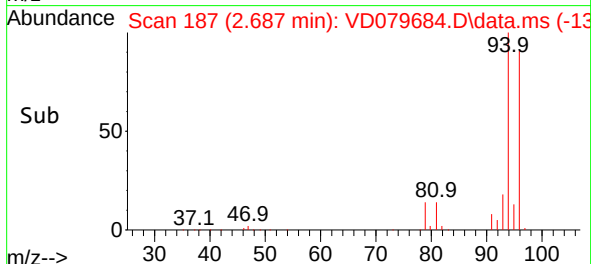
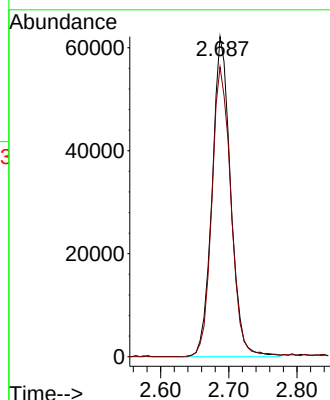
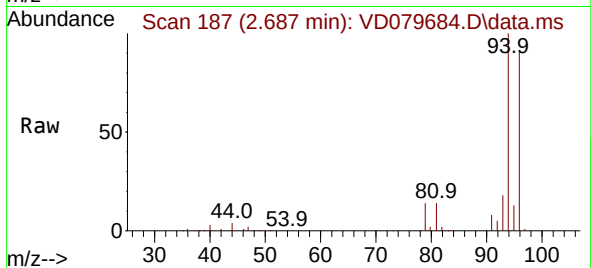




#5
Bromomethane
Concen: 54.640 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

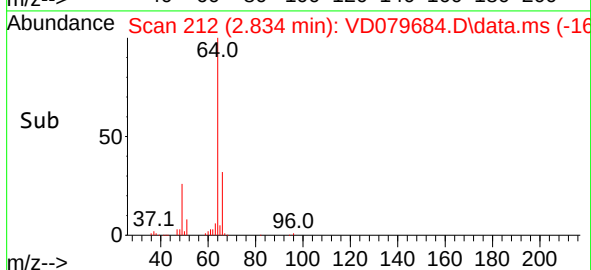
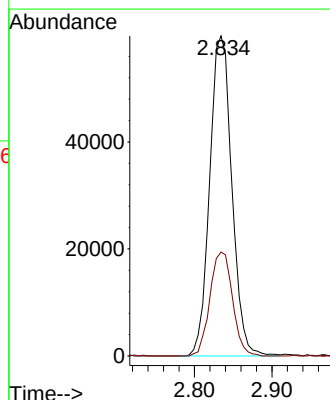
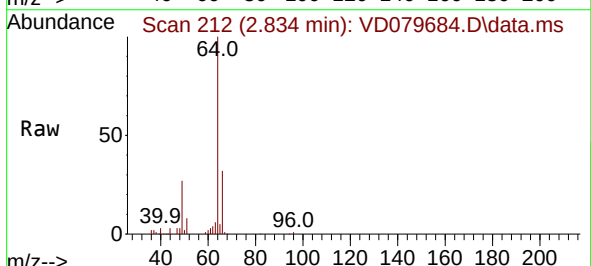
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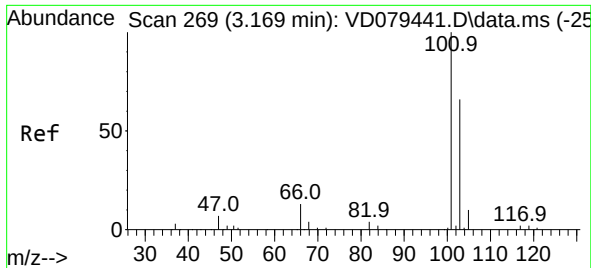
Tgt Ion: 94 Resp: 117703
Ion Ratio Lower Upper
94 100
96 93.4 76.9 115.3



#6
Chloroethane
Concen: 53.930 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 64 Resp: 118805
Ion Ratio Lower Upper
64 100
66 32.5 24.5 36.7

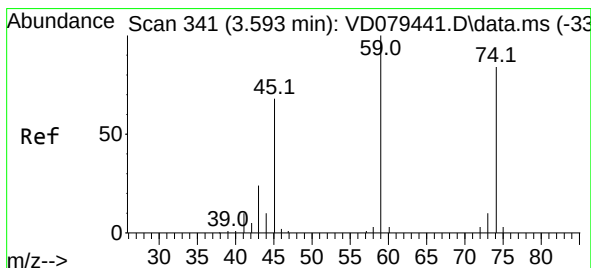
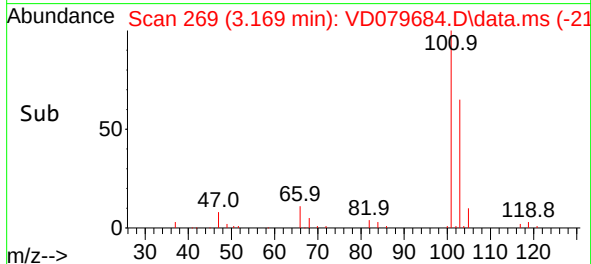
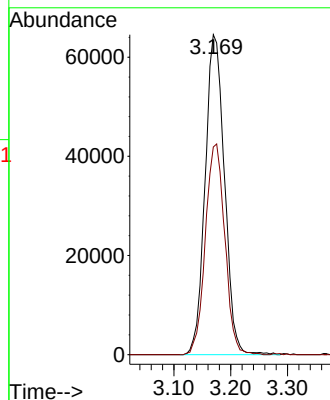
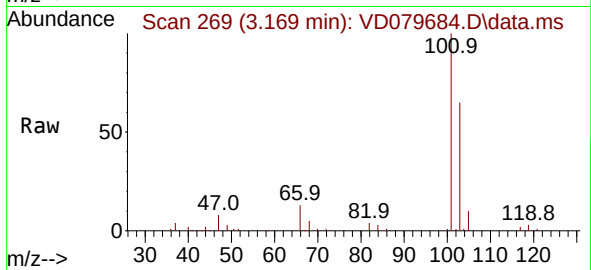




#7
 Trichlorofluoromethane
 Concen: 44.714 ug/l
 RT: 3.169 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VD079684.D
 Acq: 08 Aug 2024 23:05

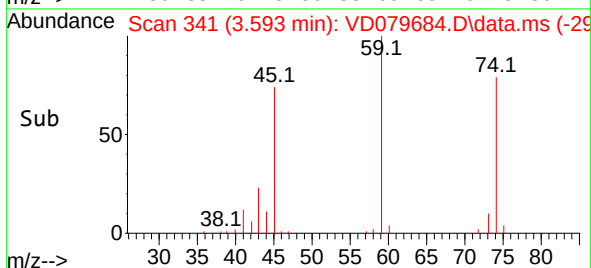
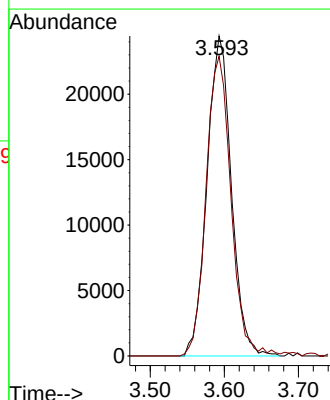
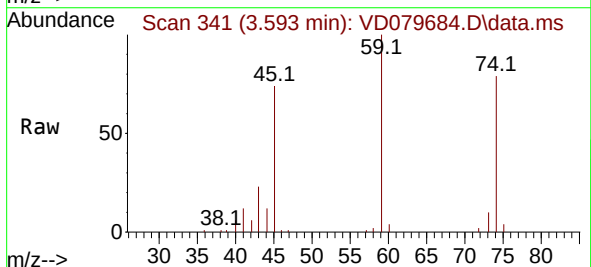
Instrument :
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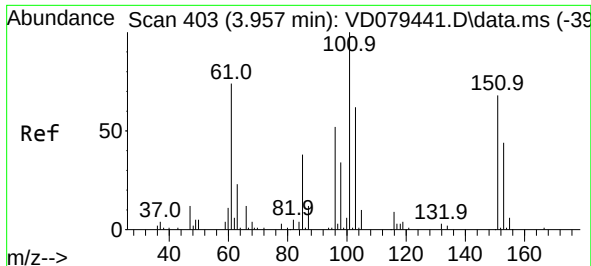
Tgt Ion:101 Resp: 152445
 Ion Ratio Lower Upper
 101 100
 103 64.9 53.2 79.8



#8
 Diethyl Ether
 Concen: 54.355 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD079684.D
 Acq: 08 Aug 2024 23:05

Tgt Ion: 74 Resp: 55978
 Ion Ratio Lower Upper
 74 100
 45 95.5 37.9 113.6

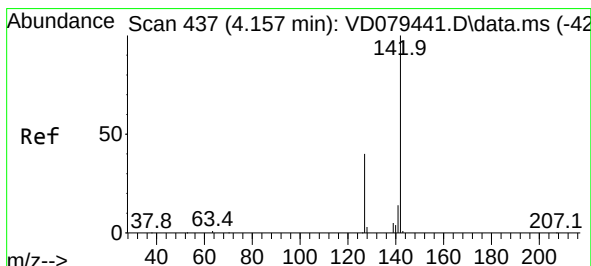
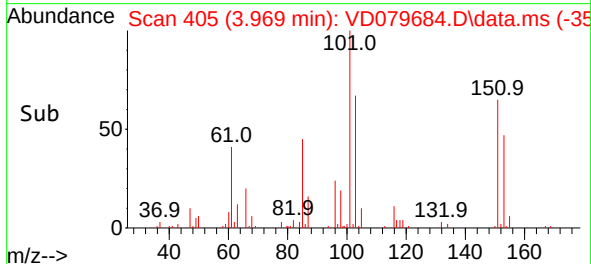
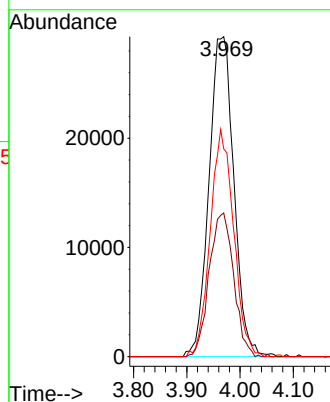
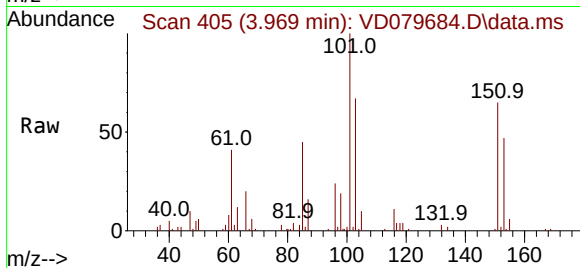




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.114 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

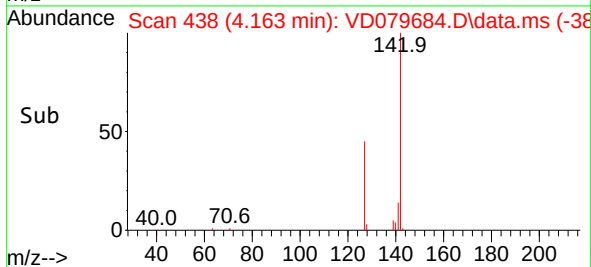
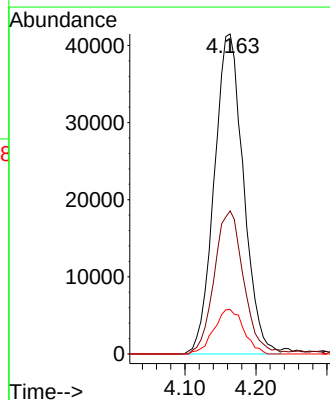
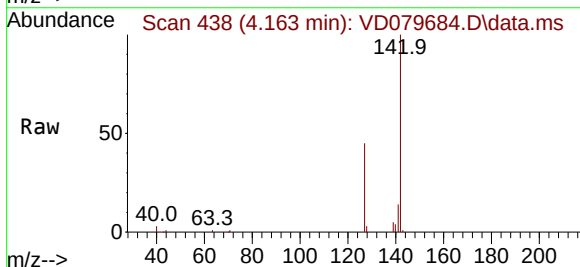
Instrument :
MSVOA_D
ClientSampleId :

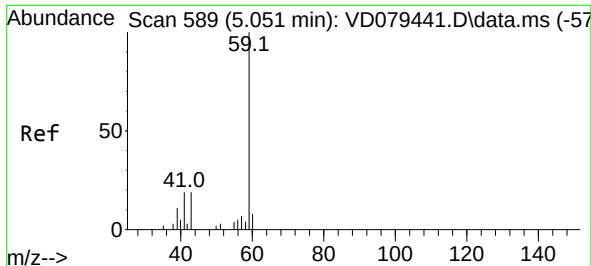
Tgt Ion:101 Resp: 95122
Ion Ratio Lower Upper
101 100
85 44.1 33.5 50.3
151 66.9 60.3 90.5



#10
Methyl Iodide
Concen: 45.615 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.011 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

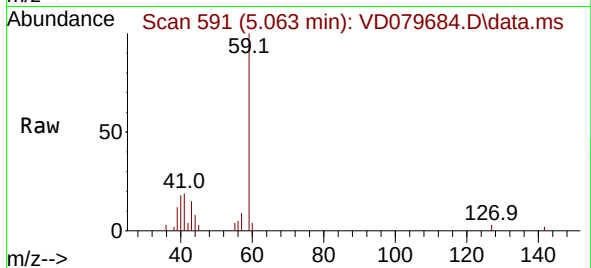
Tgt Ion:142 Resp: 118327
Ion Ratio Lower Upper
142 100
127 45.0 34.2 51.4
141 14.3 11.7 17.5



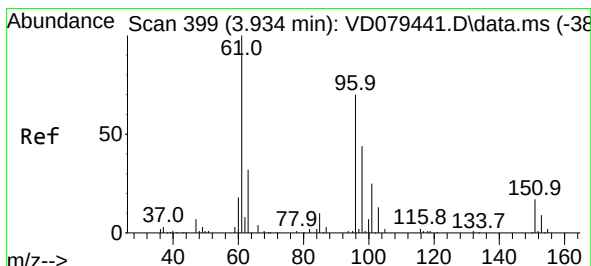
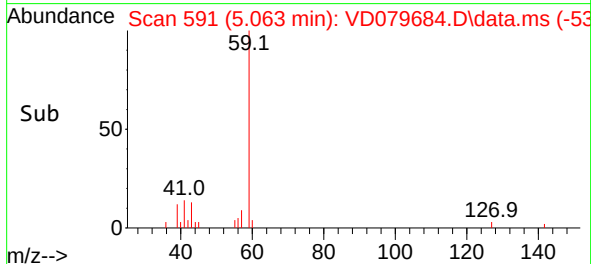
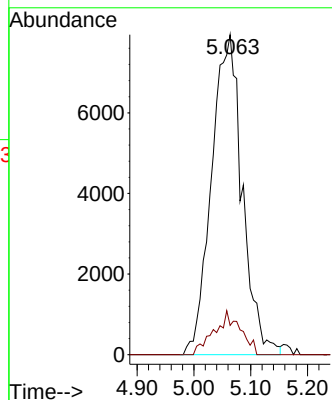


#11
Tert butyl alcohol
Concen: 319.109 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.017 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Instrument :
MSVOA_D
ClientSampleId :

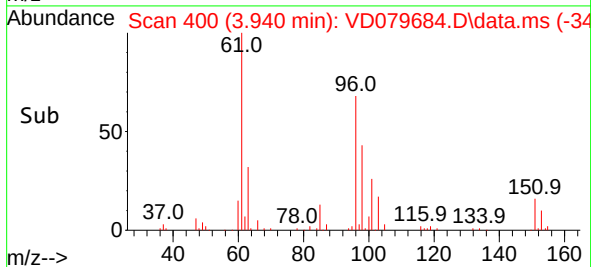
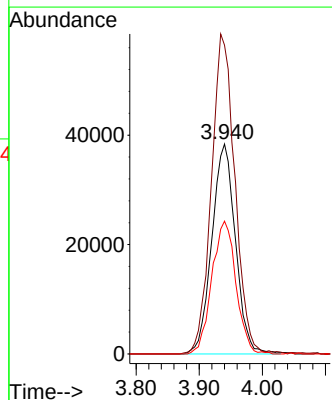
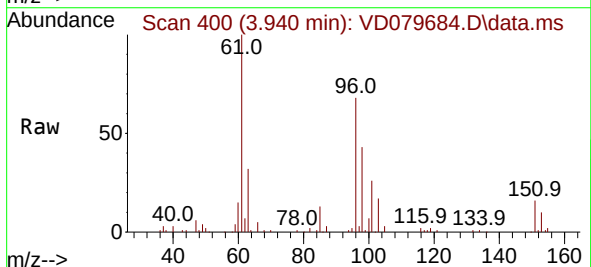


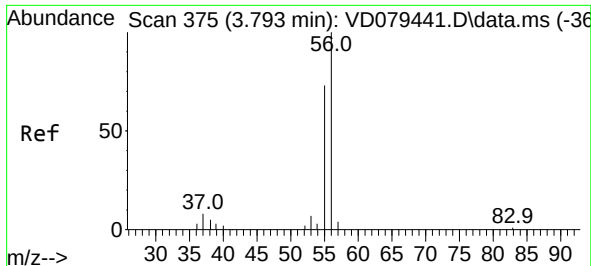
Tgt Ion: 59 Resp: 29815
Ion Ratio Lower Upper
59 100
57 11.6 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 46.242 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 96 Resp: 99785
Ion Ratio Lower Upper
96 100
61 147.1 107.3 160.9
98 63.2 51.7 77.5





#13

Acrolein

Concen: 127.491 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

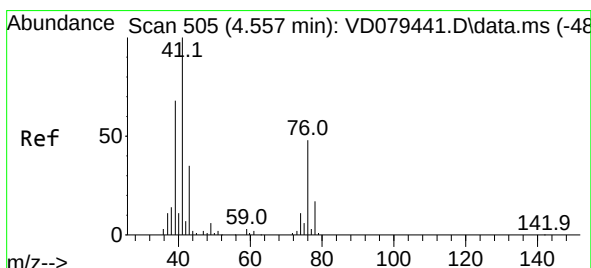
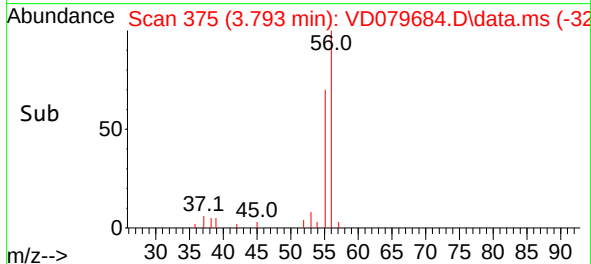
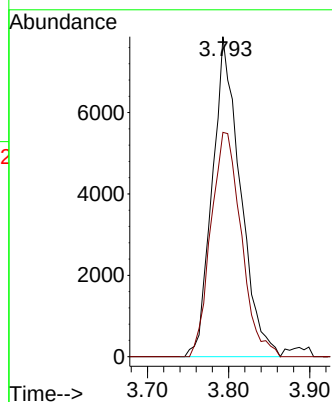
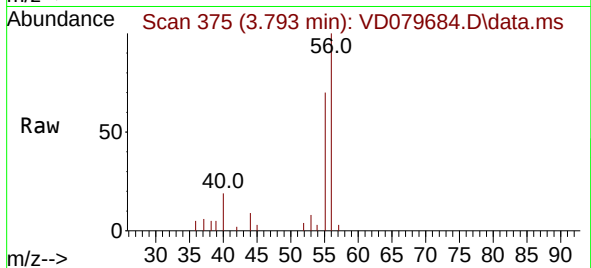
ClientSampleId :

Tgt Ion: 56 Resp: 18814

Ion Ratio Lower Upper

56 100

55 76.1 55.3 82.9



#14

Allyl chloride

Concen: 54.671 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.012 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

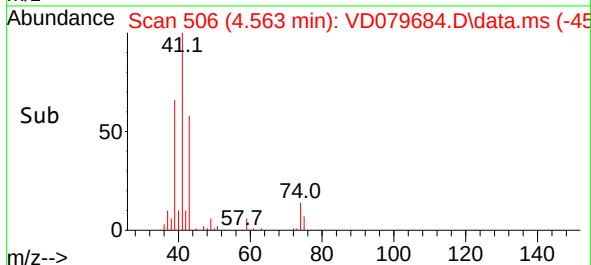
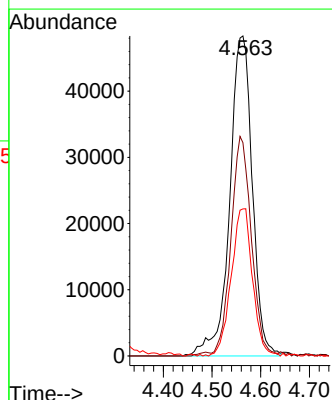
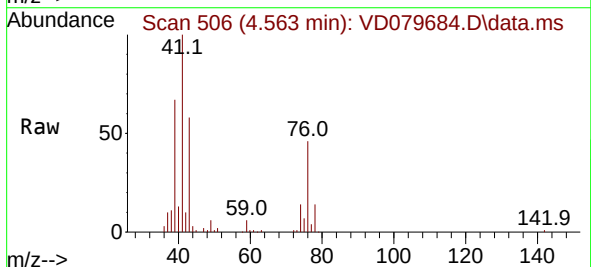
Tgt Ion: 41 Resp: 155783

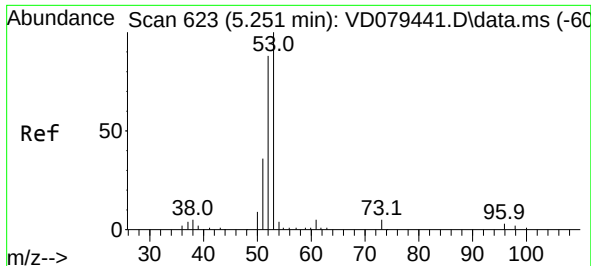
Ion Ratio Lower Upper

41 100

39 61.0 58.0 87.0

76 43.2 45.9 68.9#

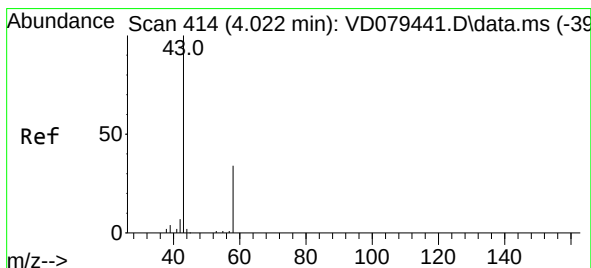
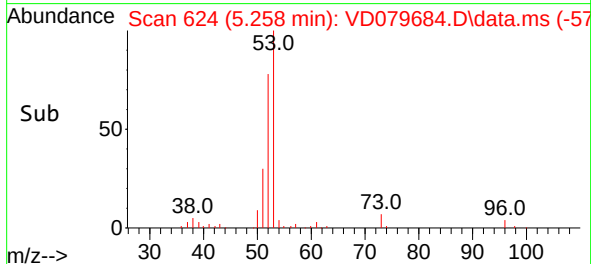
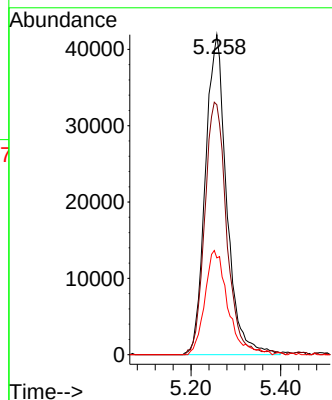
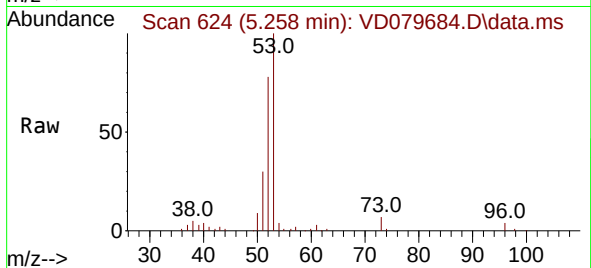




#15
Acrylonitrile
Concen: 286.959 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

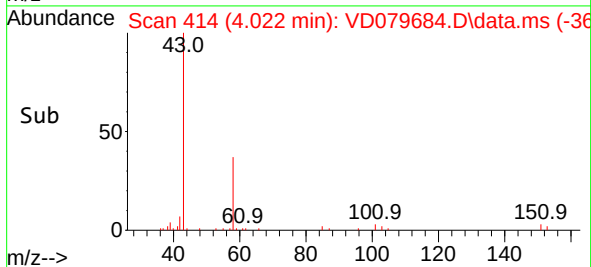
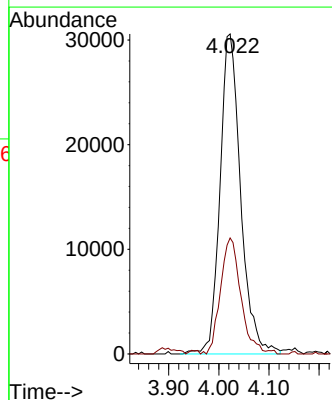
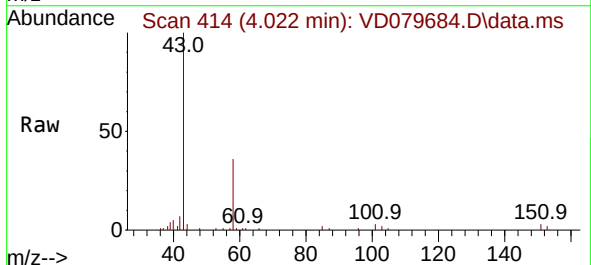
Instrument :
MSVOA_D
ClientSampleId :

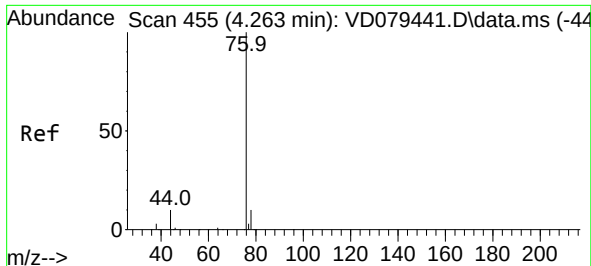
Tgt Ion: 53 Resp: 138097
Ion Ratio Lower Upper
53 100
52 80.7 67.7 101.5
51 35.3 28.6 42.8



#16
Acetone
Concen: 222.144 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 43 Resp: 87592
Ion Ratio Lower Upper
43 100
58 36.2 30.4 45.6

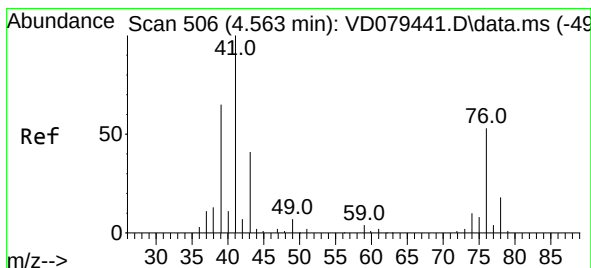
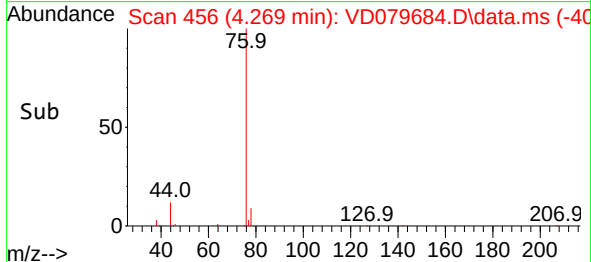
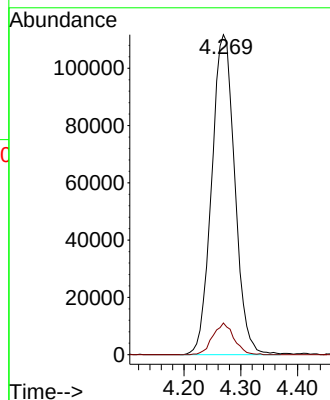
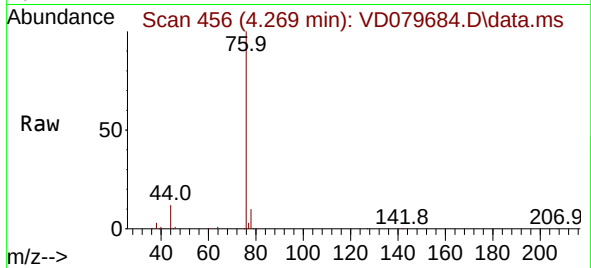




#17
Carbon Disulfide
Concen: 44.302 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

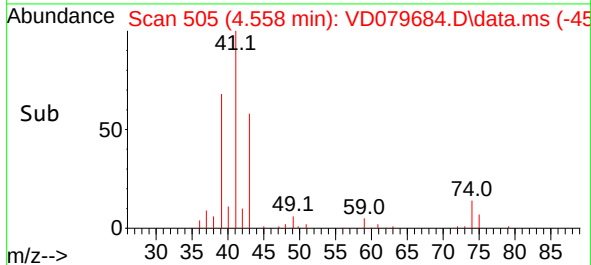
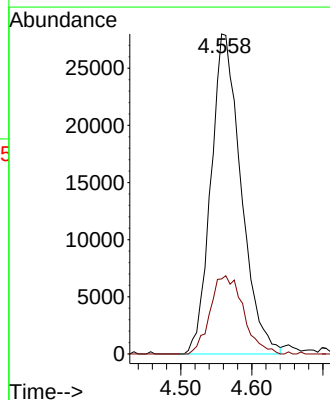
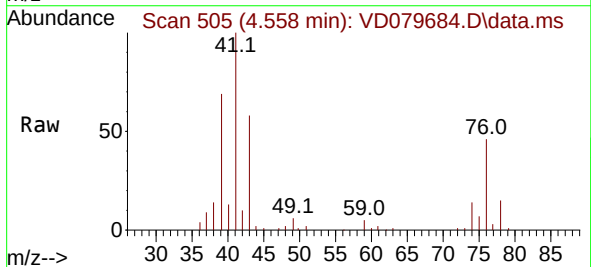
Instrument :
MSVOA_D
ClientSampleId :

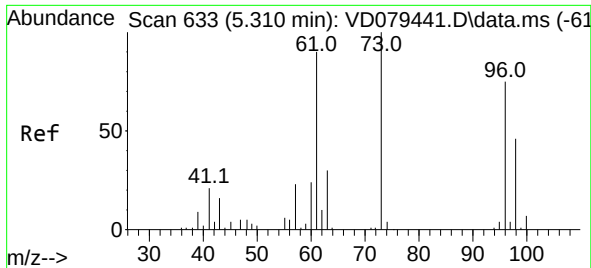
Tgt Ion: 76 Resp: 315559
Ion Ratio Lower Upper
76 100
78 9.9 6.9 10.3



#18
Methyl Acetate
Concen: 67.420 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 43 Resp: 82538
Ion Ratio Lower Upper
43 100
74 26.8 28.1 42.1#

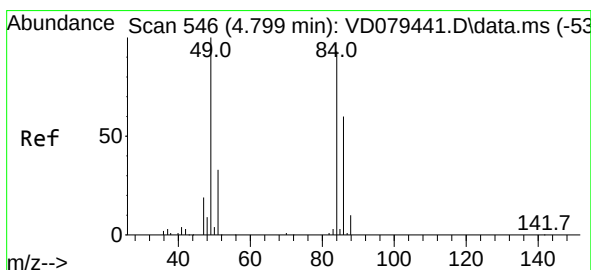
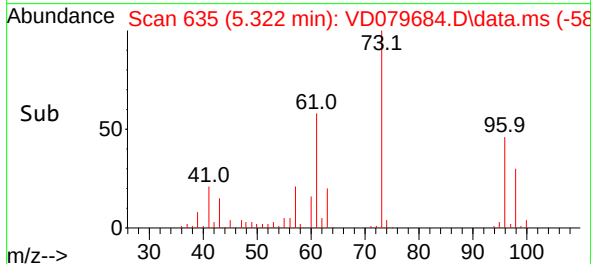
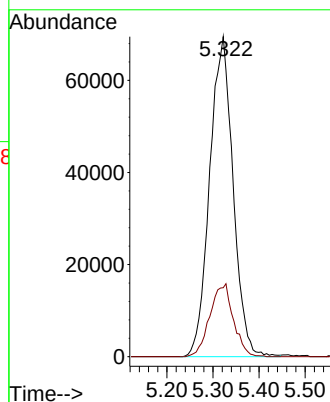
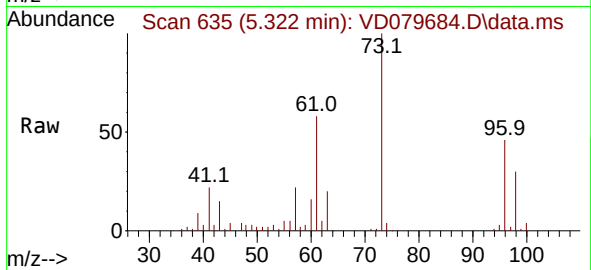




#19
Methyl tert-butyl Ether
Concen: 55.690 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

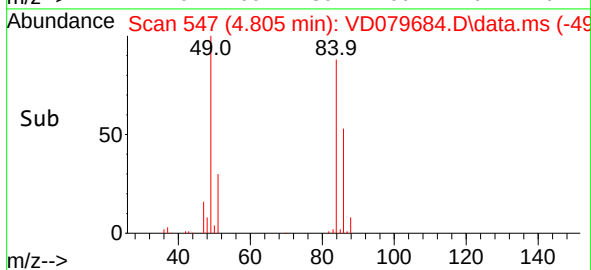
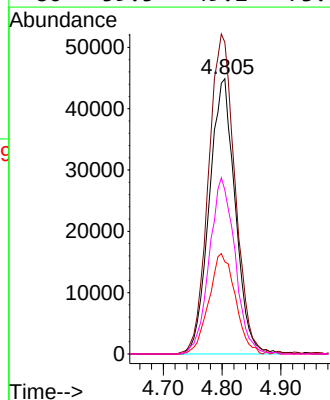
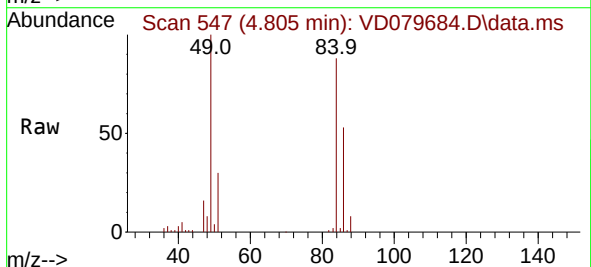
Instrument :
MSVOA_D
ClientSampleId :

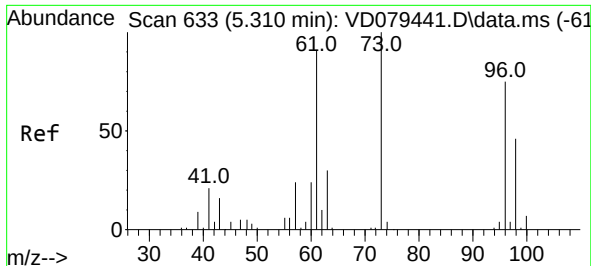
Tgt Ion: 73 Resp: 245298
Ion Ratio Lower Upper
73 100
57 21.5 18.3 27.5



#20
Methylene Chloride
Concen: 46.421 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 84 Resp: 137463
Ion Ratio Lower Upper
84 100
49 112.8 75.6 113.4
51 33.5 24.2 36.2
86 59.5 49.2 73.8

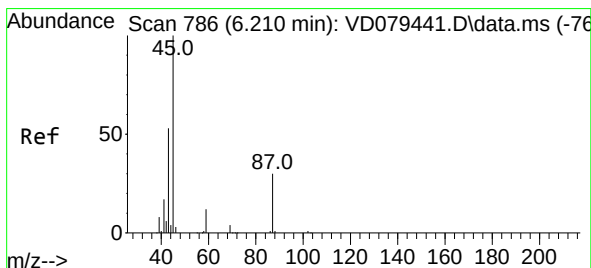
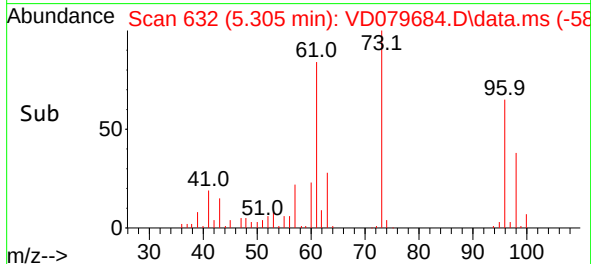
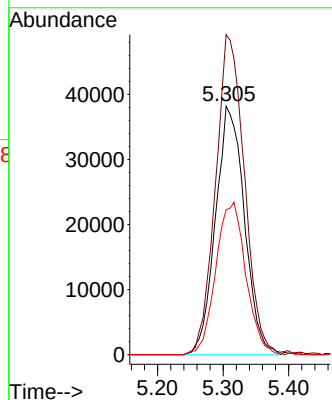
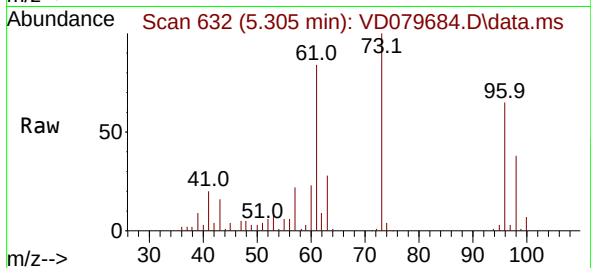




#21
trans-1,2-Dichloroethene
Concen: 48.140 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

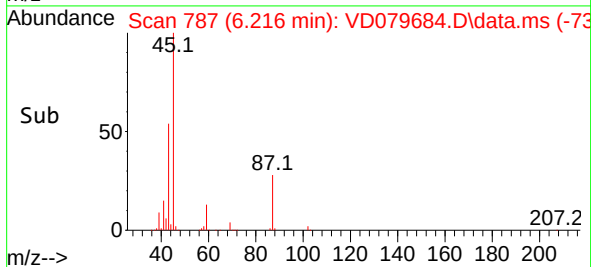
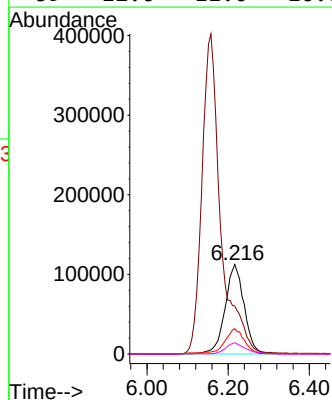
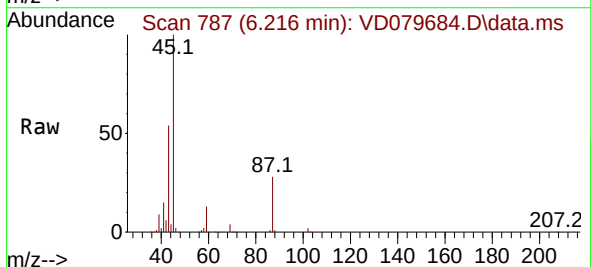
Instrument :
MSVOA_D
ClientSampleId :

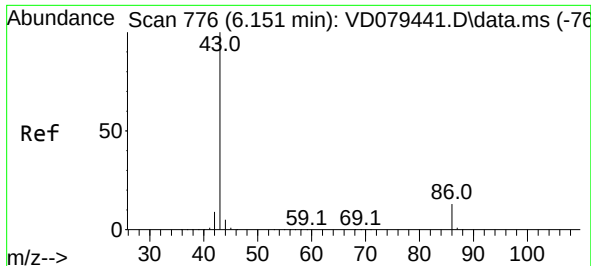
Tgt Ion: 96 Resp: 116698
Ion Ratio Lower Upper
96 100
61 128.8 84.5 126.7#
98 58.3 50.5 75.7



#22
Diisopropyl ether
Concen: 57.480 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 45 Resp: 364425
Ion Ratio Lower Upper
45 100
43 53.4 41.7 62.5
87 28.1 30.2 45.2#
59 12.6 11.0 16.6

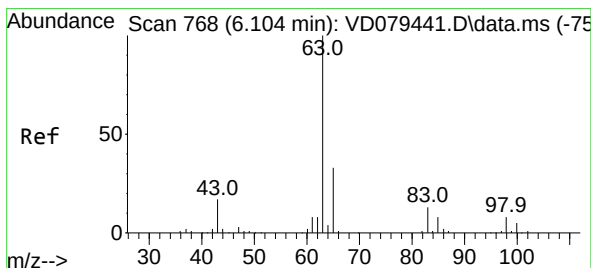
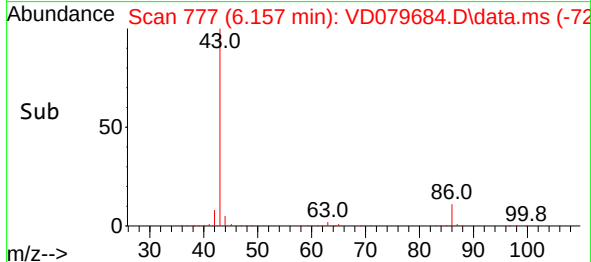
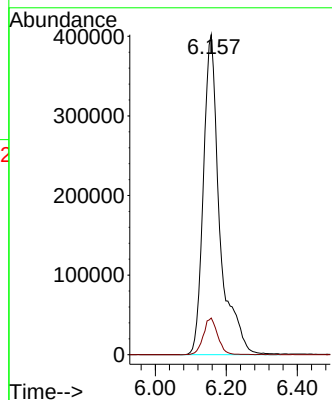
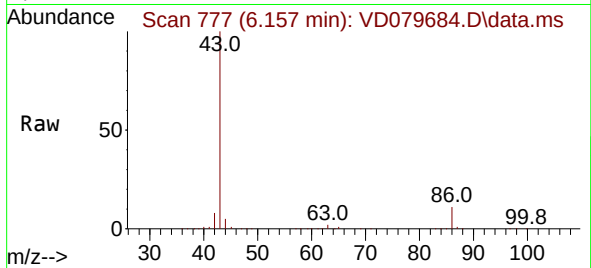




#23
 Vinyl Acetate
 Concen: 270.267 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD079684.D
 Acq: 08 Aug 2024 23:05

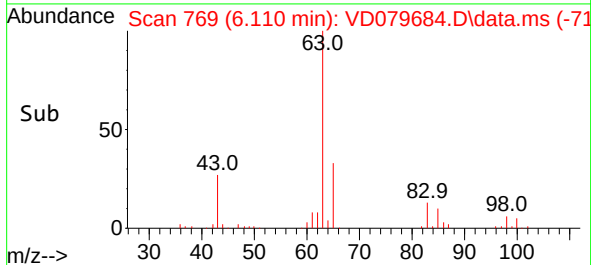
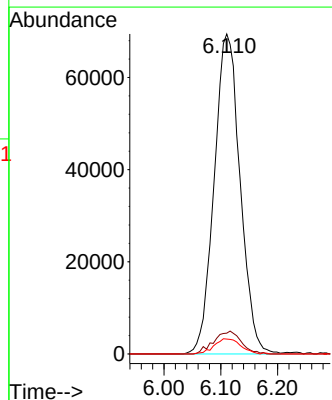
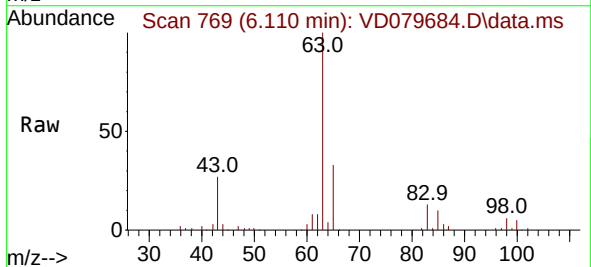
Instrument :
 MSVOA_D
 ClientSampleId :

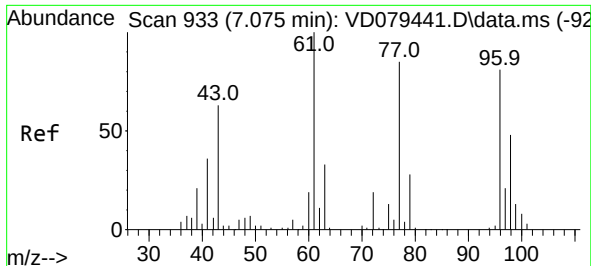
Tgt Ion: 43 Resp: 1288073
 Ion Ratio Lower Upper
 43 100
 86 11.5 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 51.833 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079684.D
 Acq: 08 Aug 2024 23:05

Tgt Ion: 63 Resp: 220223
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.7 14.0
 100 4.7 2.9 8.6

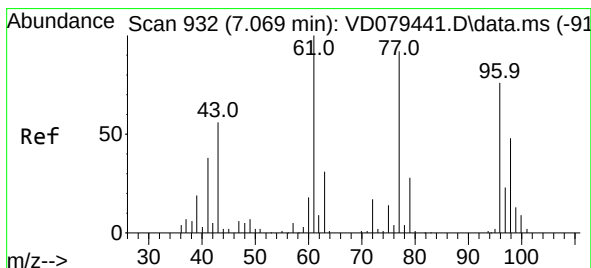
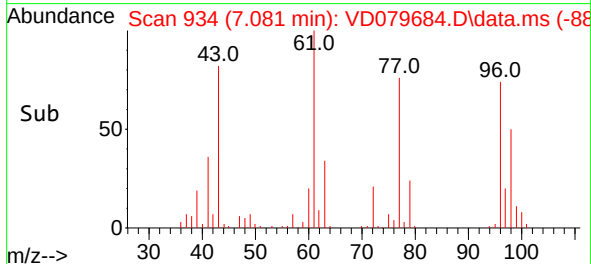
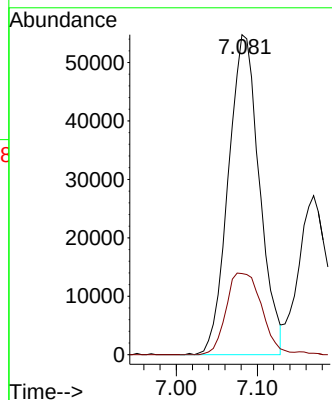
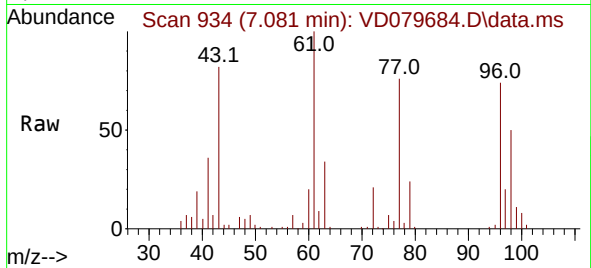




#25
2-Butanone
Concen: 261.202 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

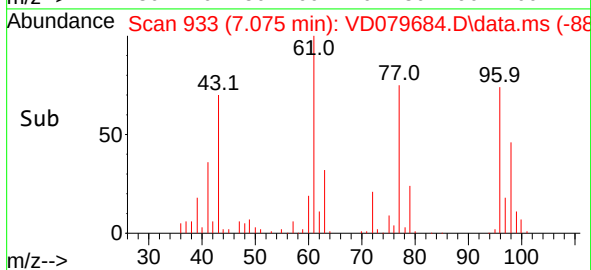
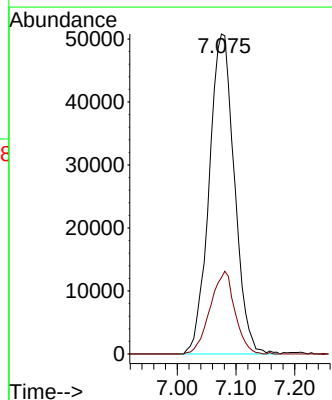
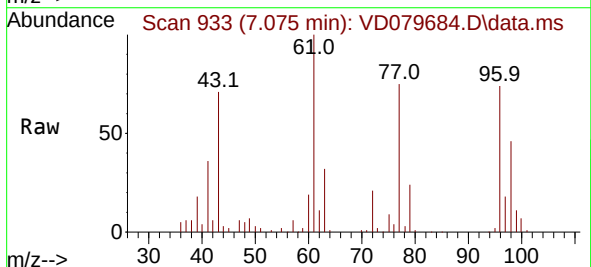
Instrument :
MSVOA_D
ClientSampleId :

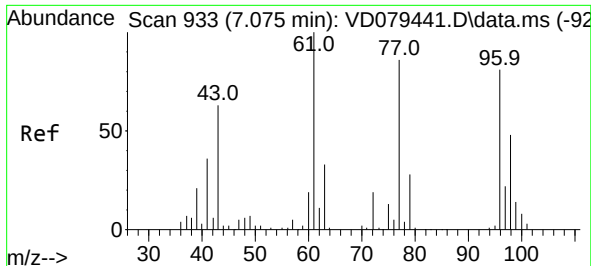
Tgt Ion: 43 Resp: 146015
Ion Ratio Lower Upper
43 100
72 25.4 26.4 39.6#



#26
2,2-Dichloropropane
Concen: 44.210 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 77 Resp: 151934
Ion Ratio Lower Upper
77 100
97 25.2 12.4 37.2

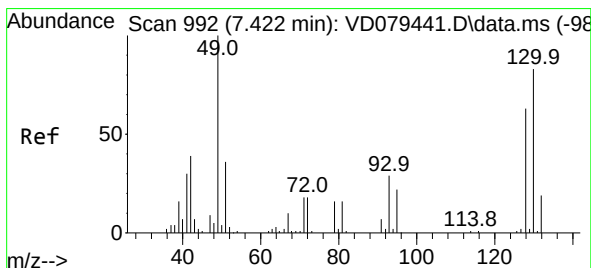
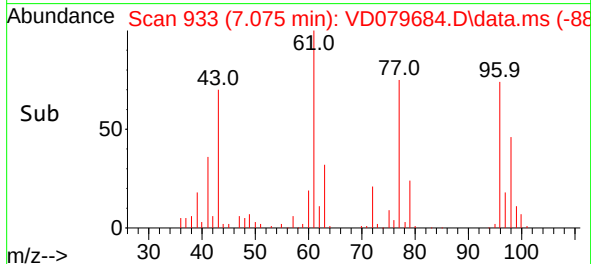
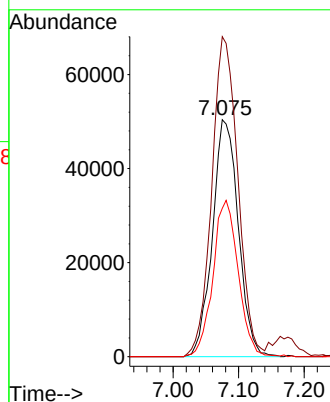
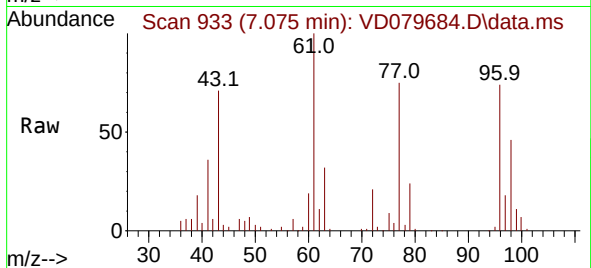




#27
cis-1,2-Dichloroethene
Concen: 49.852 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

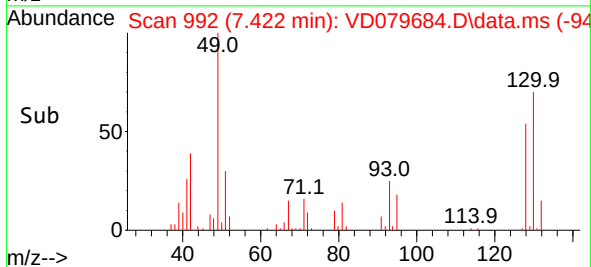
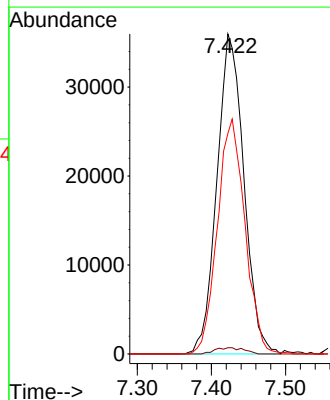
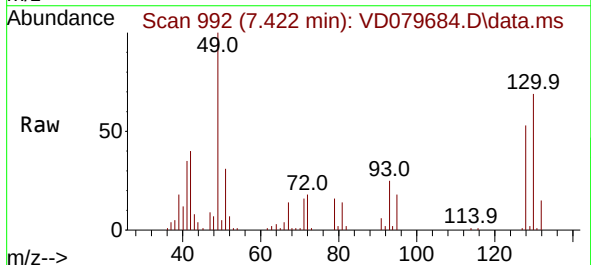
Instrument :
MSVOA_D
ClientSampleId :

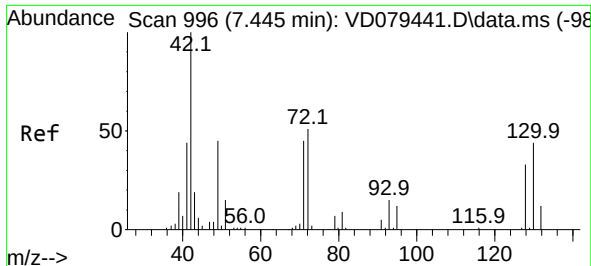
Tgt Ion: 96 Resp: 138133
Ion Ratio Lower Upper
96 100
61 135.9 0.0 229.0
98 64.6 0.0 127.2



#28
Bromochloromethane
Concen: 48.782 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 49 Resp: 90886
Ion Ratio Lower Upper
49 100
129 2.1 0.0 7.0
130 75.0 87.7 131.5#





#29

Tetrahydrofuran

Concen: 297.946 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

ClientSampleId :

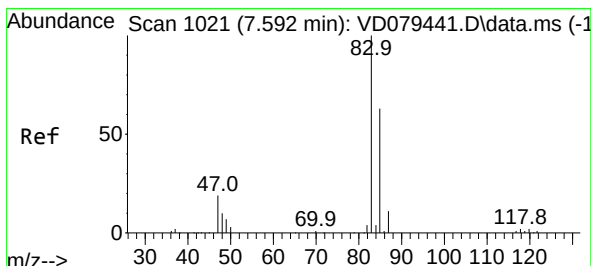
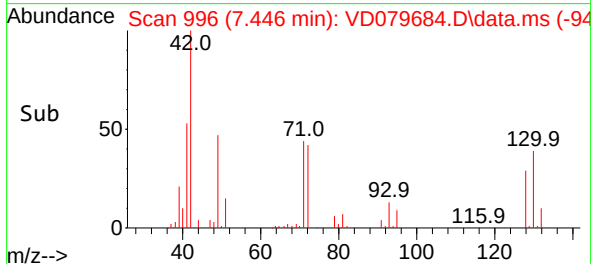
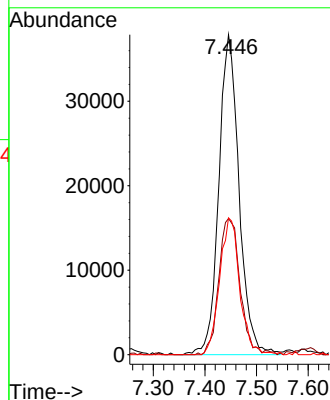
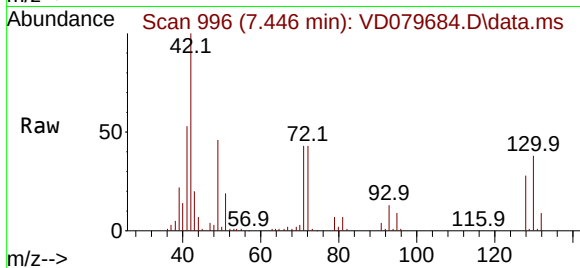
Tgt Ion: 42 Resp: 103219

Ion Ratio Lower Upper

42 100

72 44.2 49.4 74.0#

71 42.5 45.0 67.6#



#30

Chloroform

Concen: 51.246 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD079684.D

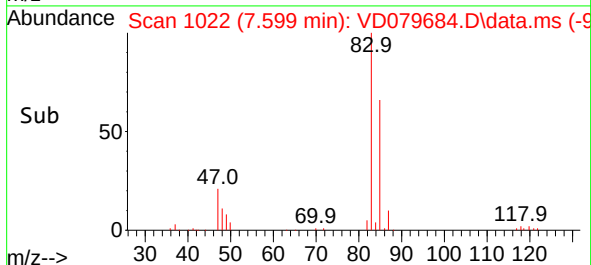
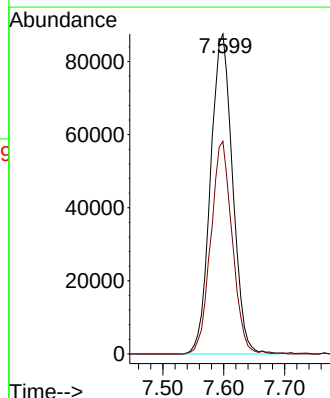
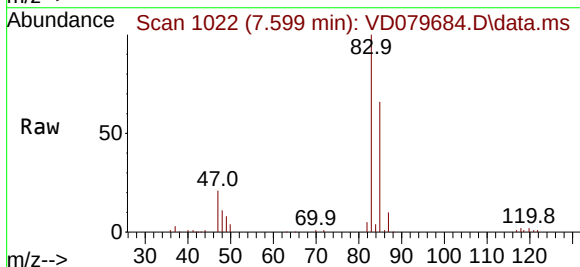
Acq: 08 Aug 2024 23:05

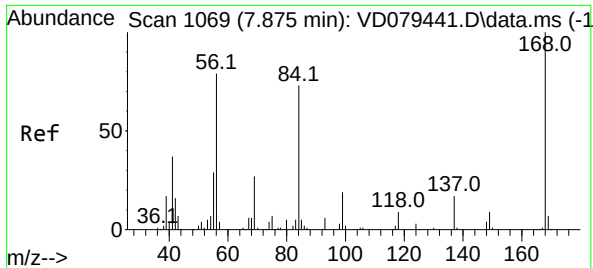
Tgt Ion: 83 Resp: 220488

Ion Ratio Lower Upper

83 100

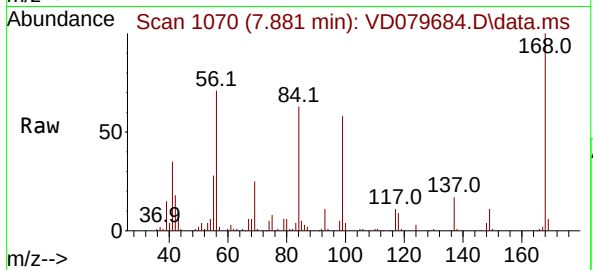
85 66.5 51.8 77.6



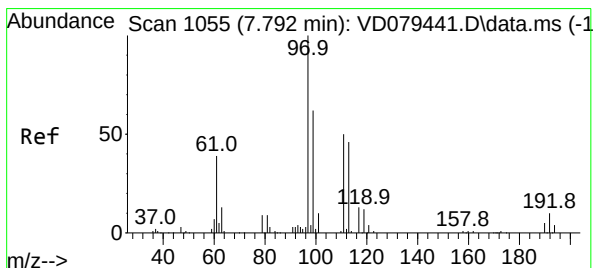
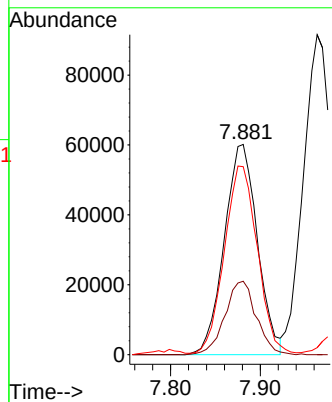
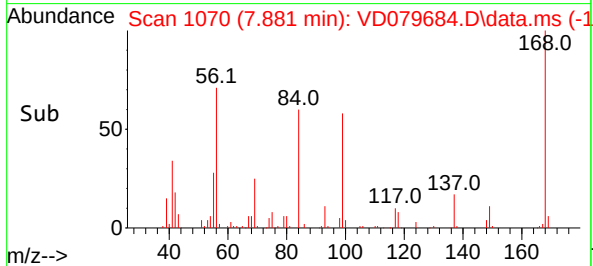


#31
Cyclohexane
Concen: 45.748 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Instrument :
MSVOA_D
ClientSampleId :

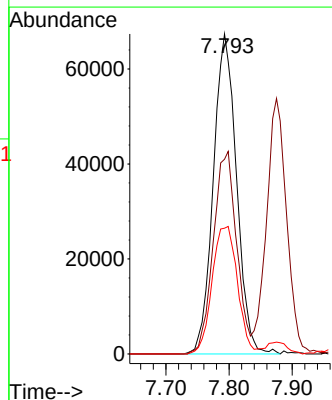
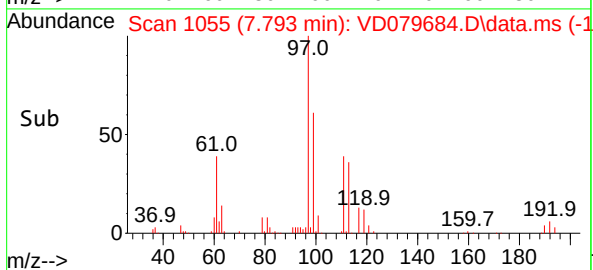
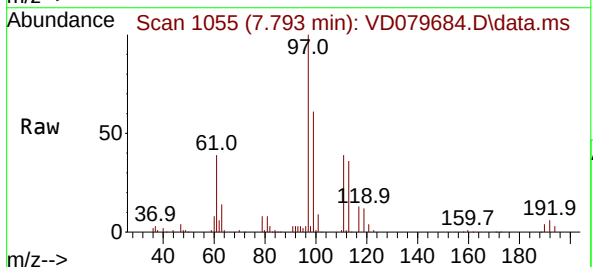


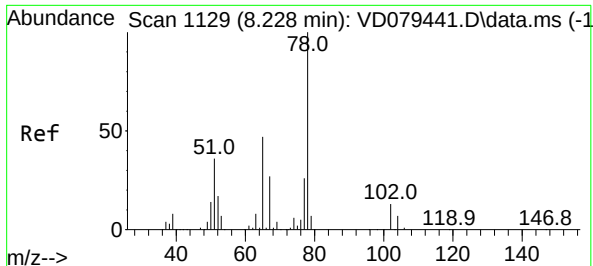
Tgt Ion: 56 Resp: 154154
Ion Ratio Lower Upper
56 100
69 34.7 28.0 42.0
84 87.9 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 48.461 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 97 Resp: 172055
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 43.5 31.4 47.2

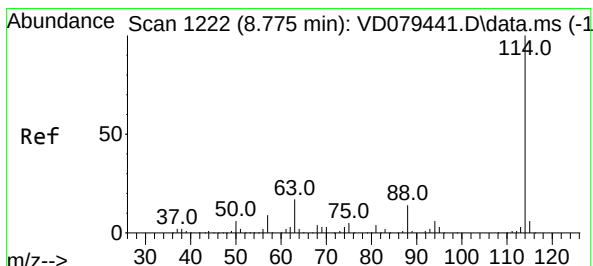
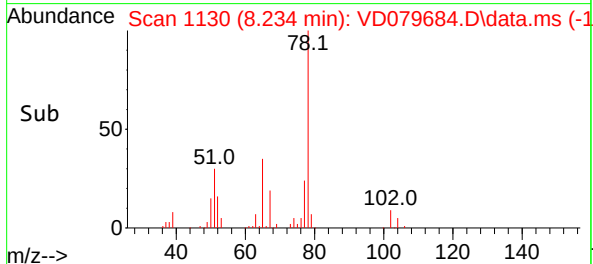
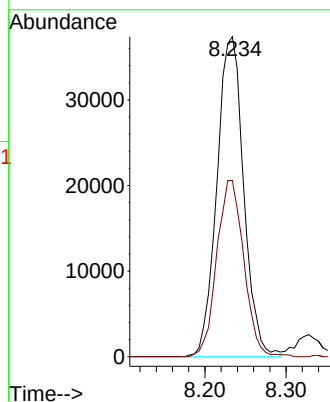
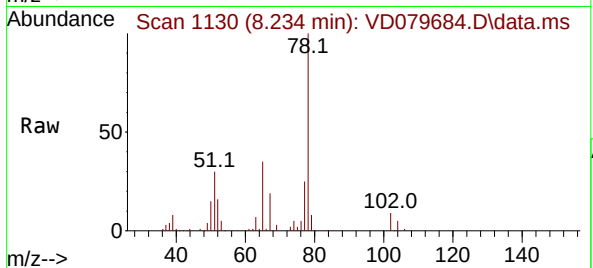




#33
 1,2-Dichloroethane-d4
 Concen: 42.280 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD079684.D
 Acq: 08 Aug 2024 23:05

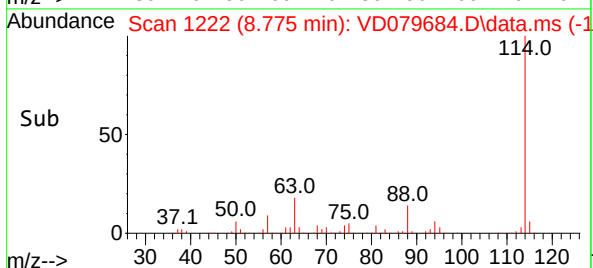
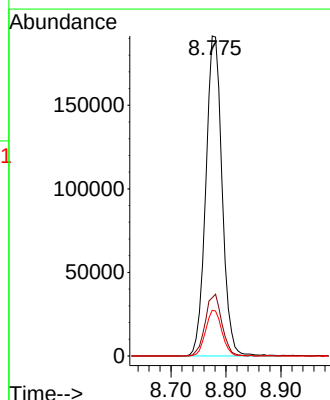
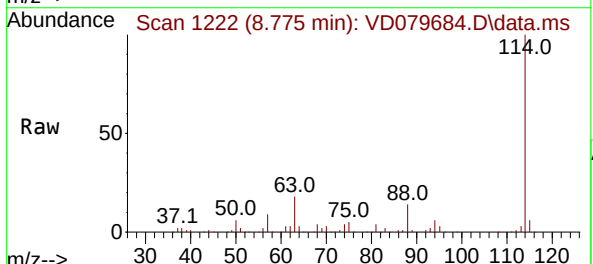
Instrument :
 MSVOA_D
 ClientSampleId :

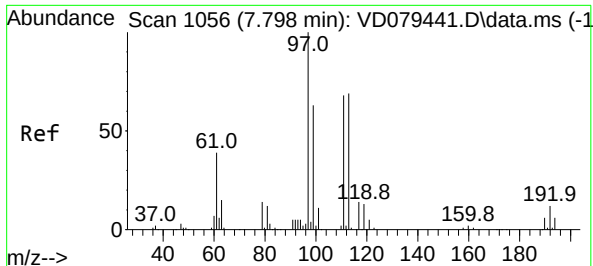
Tgt Ion: 65 Resp: 85782
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD079684.D
 Acq: 08 Aug 2024 23:05

Tgt Ion: 114 Resp: 393731
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.0
 88 14.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 32.998 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

ClientSampleId :

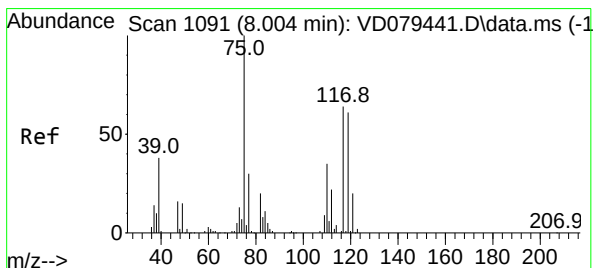
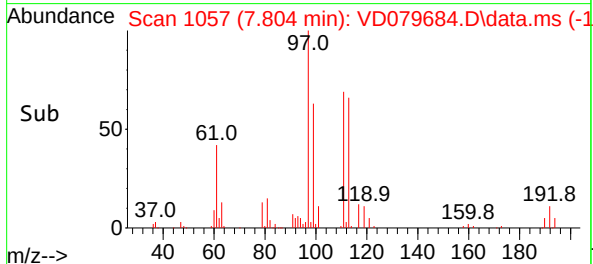
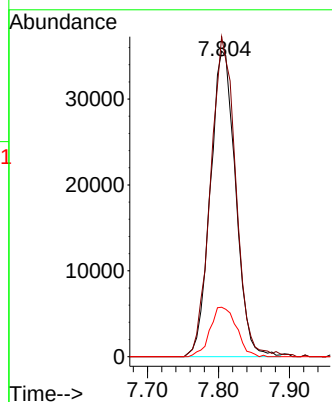
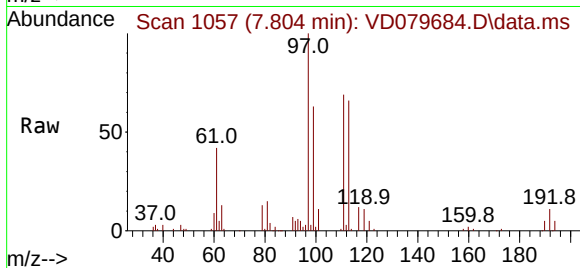
Tgt Ion:113 Resp: 87937

Ion Ratio Lower Upper

113 100

111 104.1 84.0 126.0

192 16.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 40.647 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

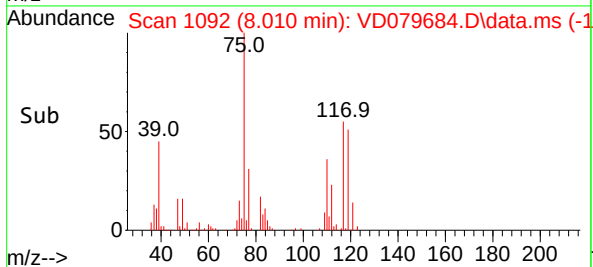
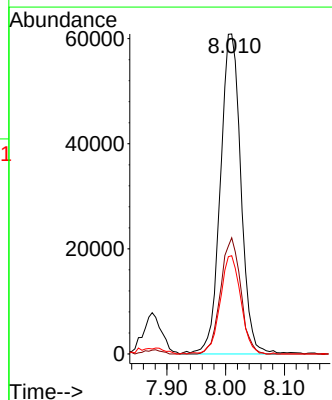
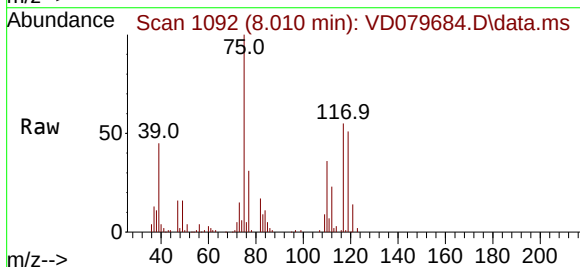
Tgt Ion: 75 Resp: 147850

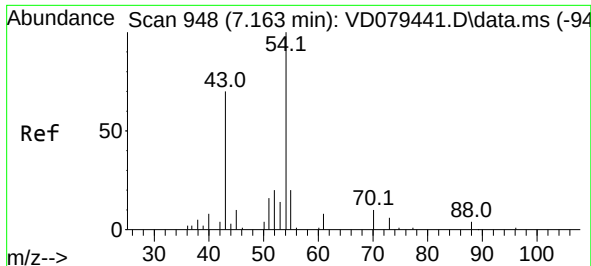
Ion Ratio Lower Upper

75 100

110 35.6 19.6 58.7

77 30.9 26.1 39.1





#37

Ethyl Acetate

Concen: 47.588 ug/l

RT: 7.169 min Scan# 948

Delta R.T. -0.006 min

Lab File: VD079684.D

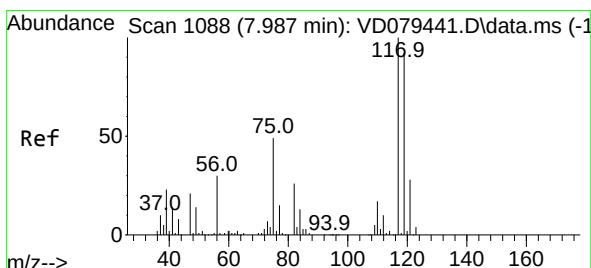
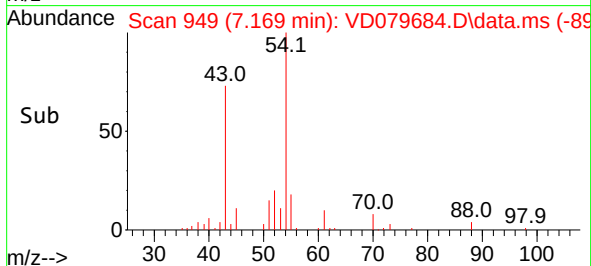
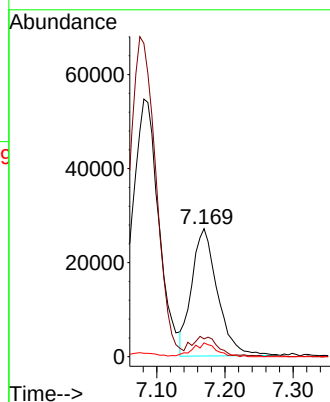
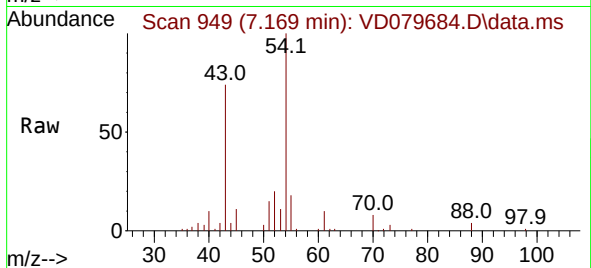
Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 70970
Ion Ratio	Lower Upper
43	100
61	16.5 13.9 20.9
70	10.1 9.8 14.6



#38

Carbon Tetrachloride

Concen: 39.182 ug/l

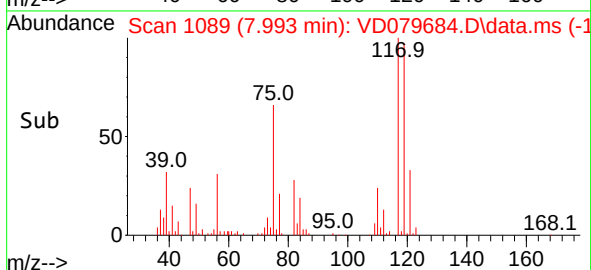
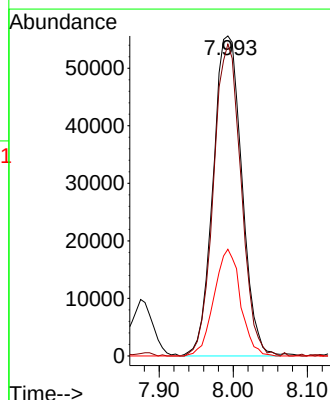
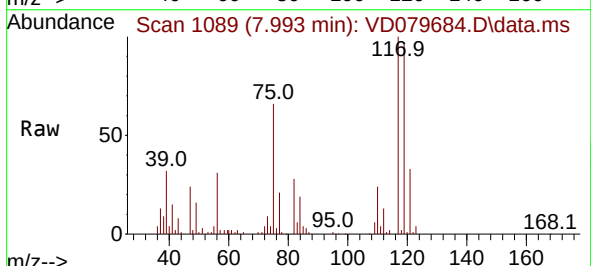
RT: 7.993 min Scan# 1089

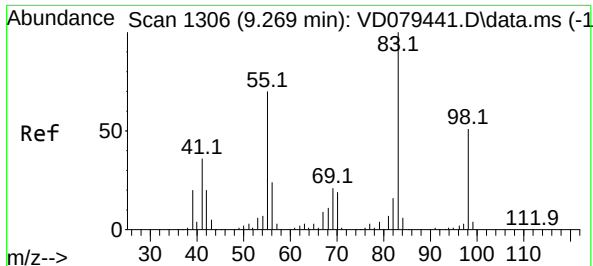
Delta R.T. 0.006 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Tgt Ion: 117	Resp: 149822
Ion Ratio	Lower Upper
117	100
119	97.4 75.4 113.0
121	33.4 25.0 37.4





#39

Methylcyclohexane

Concen: 36.614 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

ClientSampleId :

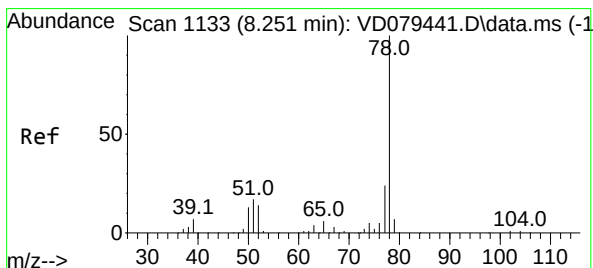
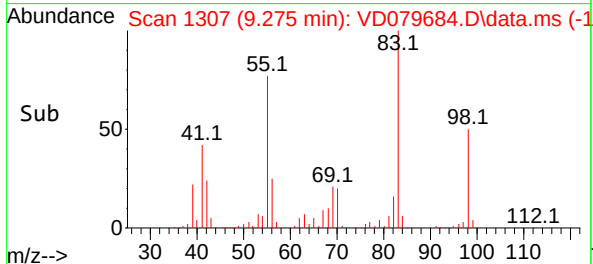
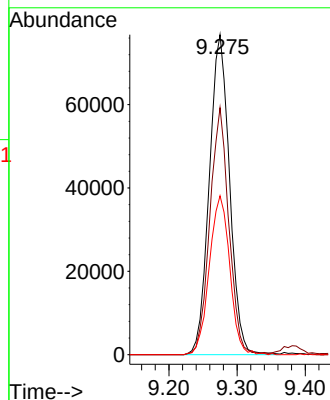
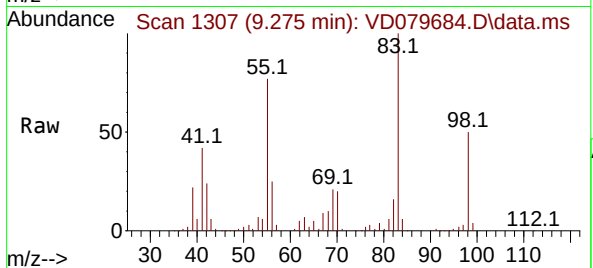
Tgt Ion: 83 Resp: 158903

Ion Ratio Lower Upper

83 100

55 77.2 50.1 75.1#

98 49.6 41.9 62.9



#40

Benzene

Concen: 42.765 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD079684.D

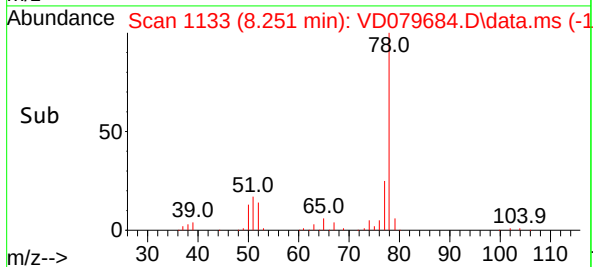
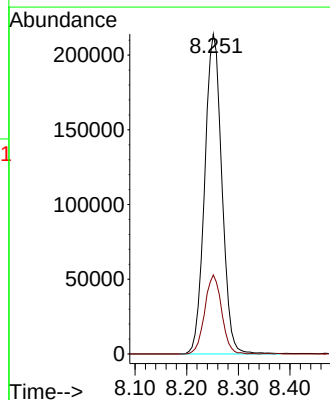
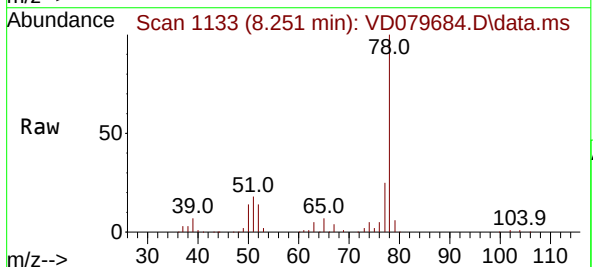
Acq: 08 Aug 2024 23:05

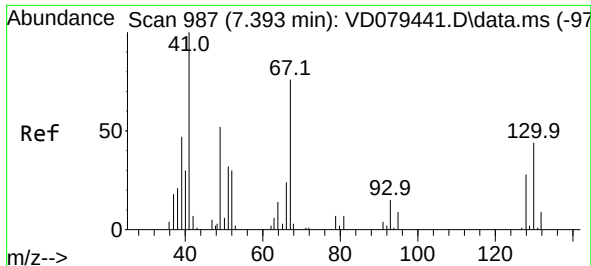
Tgt Ion: 78 Resp: 494062

Ion Ratio Lower Upper

78 100

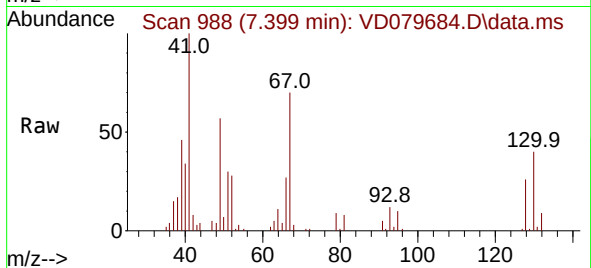
77 24.7 18.1 27.1



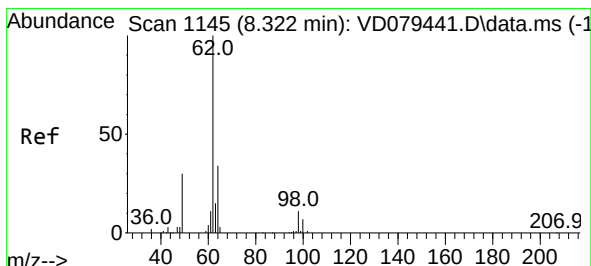
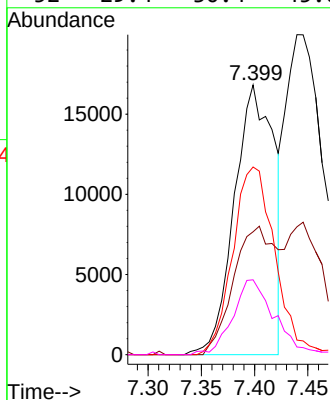
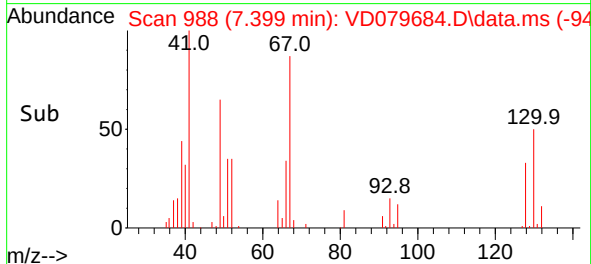


#41
Methacrylonitrile
Concen: 53.094 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

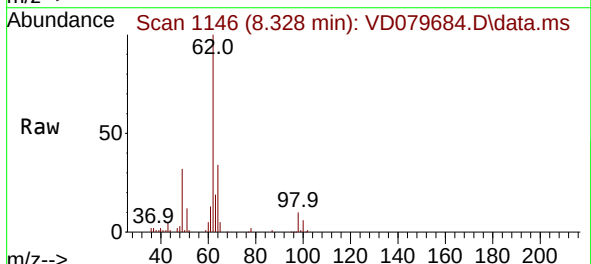
Instrument :
MSVOA_D
ClientSampleId :



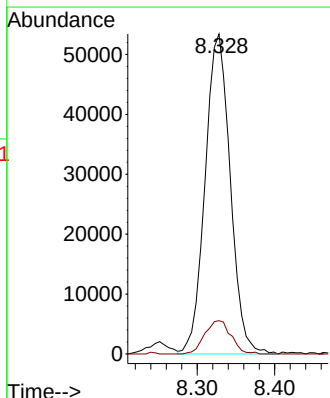
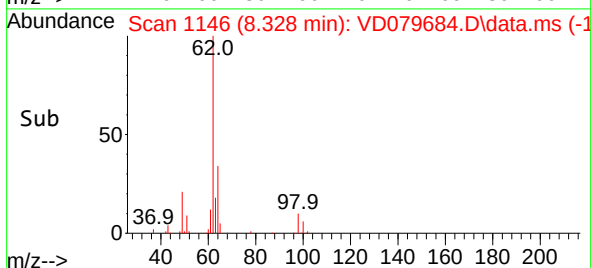
Tgt Ion:	41	Resp:	43554
Ion	Ratio	Lower	Upper
41	100		
39	50.1	41.4	62.0
67	74.0	85.8	128.6#
52	29.4	30.4	45.6#

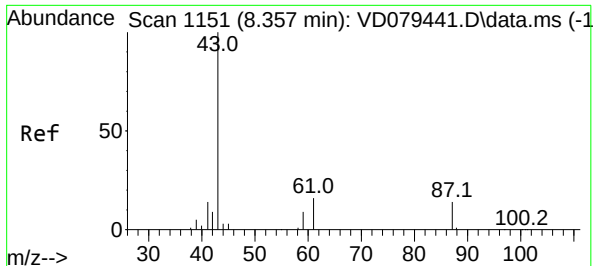


#42
1,2-Dichloroethane
Concen: 43.793 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05



Tgt Ion:	62	Resp:	120563
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	25.8

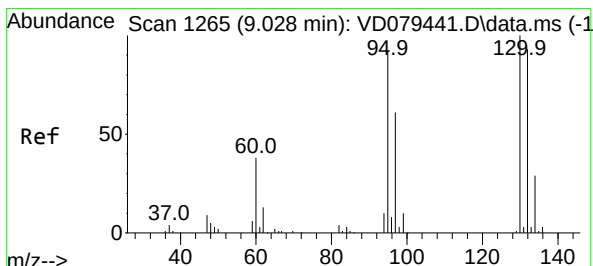
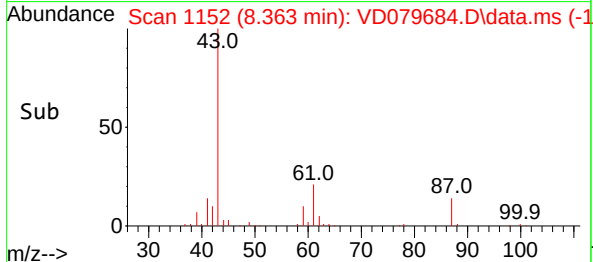
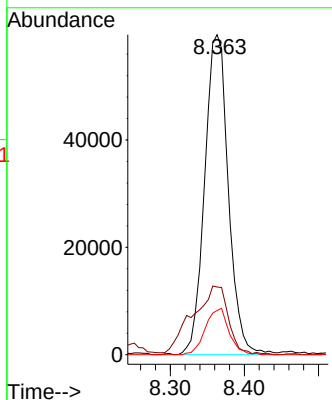
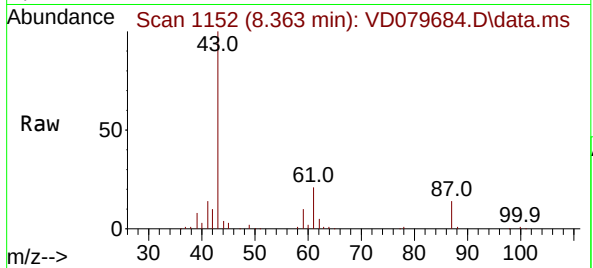




#43
Isopropyl Acetate
Concen: 47.335 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

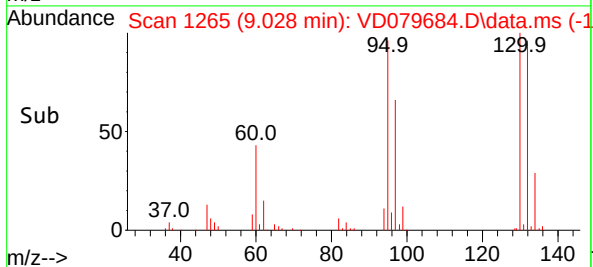
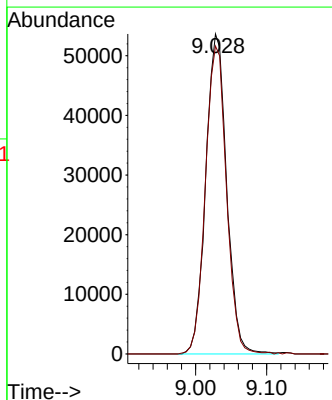
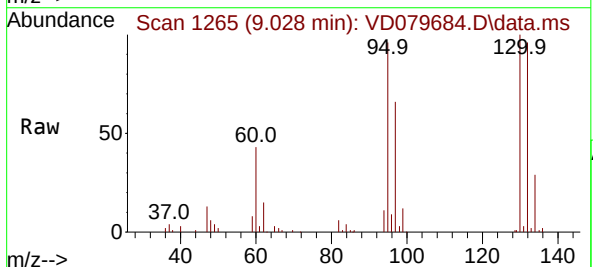
Instrument :
MSVOA_D
ClientSampleId :

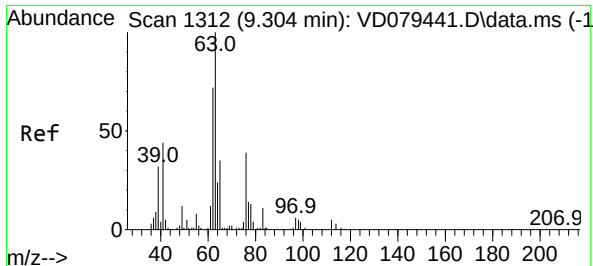
Tgt Ion: 43 Resp: 132672
Ion Ratio Lower Upper
43 100
61 32.4 29.3 43.9
87 14.4 14.9 22.3#



#44
Trichloroethene
Concen: 38.308 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion:130 Resp: 110172
Ion Ratio Lower Upper
130 100
95 96.2 0.0 177.8





#45

1,2-Dichloropropane

Concen: 44.650 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

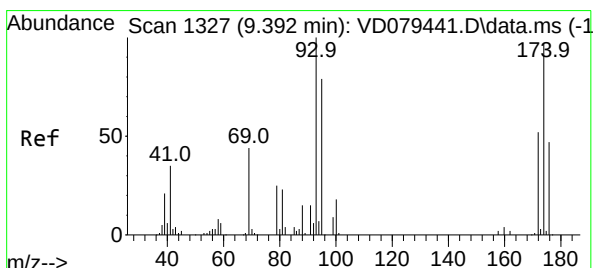
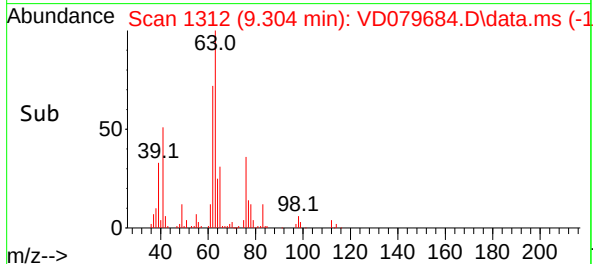
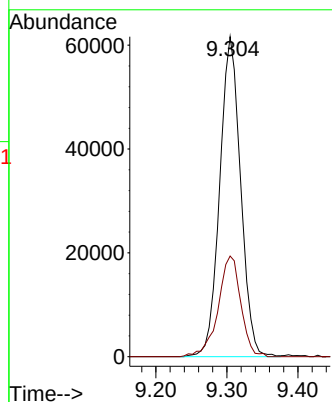
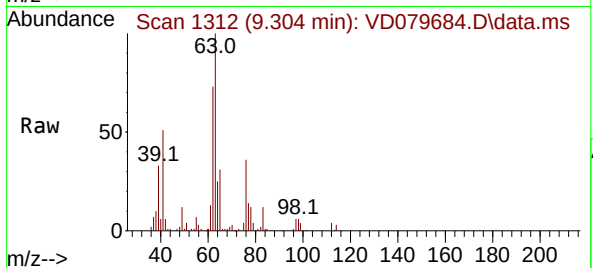
ClientSampleId :

Tgt Ion: 63 Resp: 125533

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.8



#46

Dibromomethane

Concen: 41.369 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

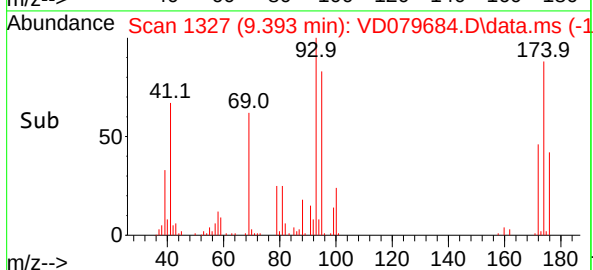
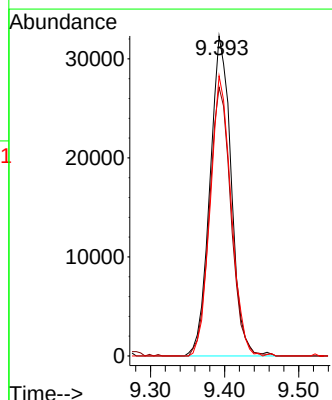
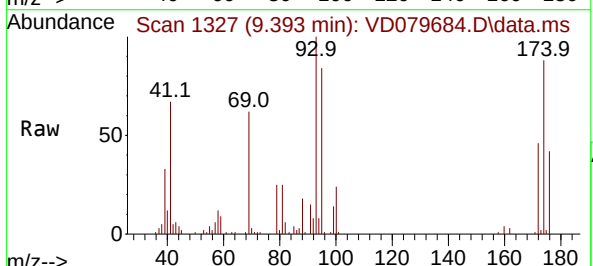
Tgt Ion: 93 Resp: 64478

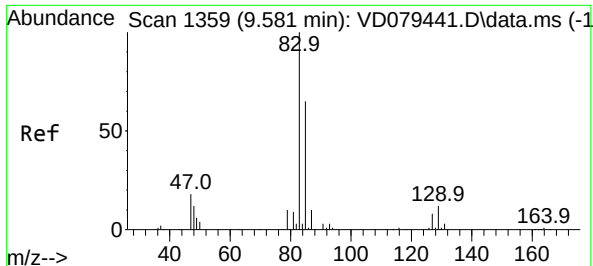
Ion Ratio Lower Upper

93 100

95 84.9 65.6 98.4

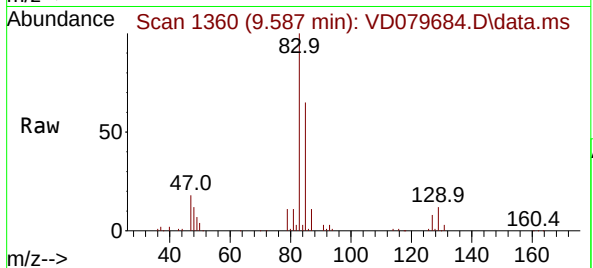
174 85.6 82.3 123.5



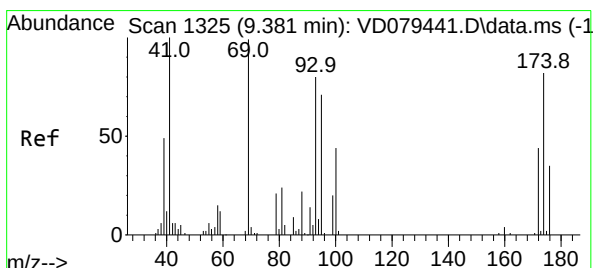
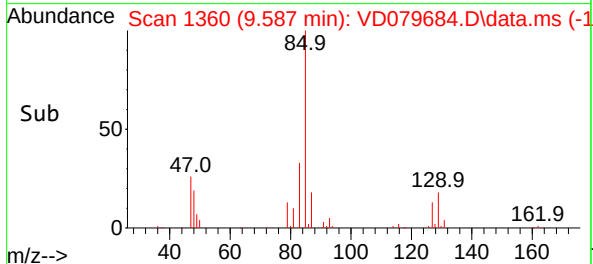
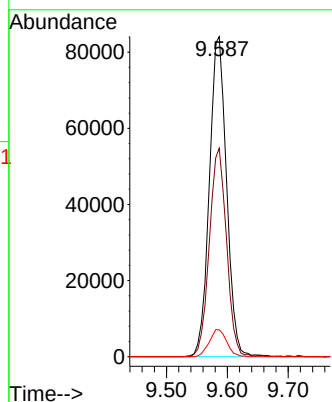


#47
Bromodichloromethane
Concen: 43.154 ug/l
RT: 9.587 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Instrument :
MSVOA_D
ClientSampleId :

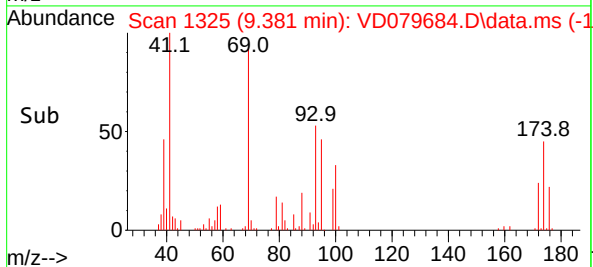
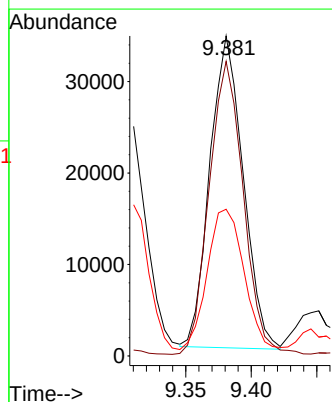
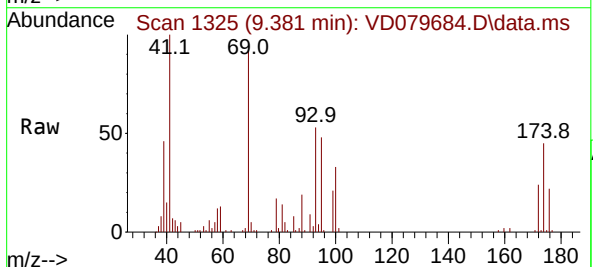


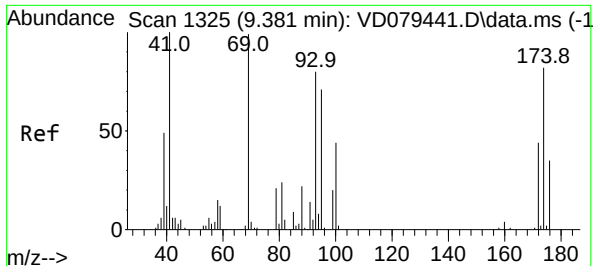
Tgt Ion: 83 Resp: 165155
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 8.4 6.8 10.2



#48
Methyl methacrylate
Concen: 48.017 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 41 Resp: 60231
Ion Ratio Lower Upper
41 100
69 96.6 96.7 145.1#
39 50.4 43.8 65.6





#49

1,4-Dioxane

Concen: 936.454 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.012 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

ClientSampleId :

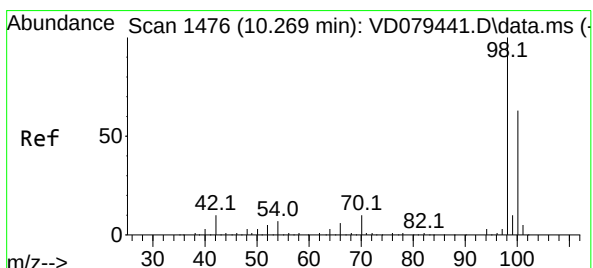
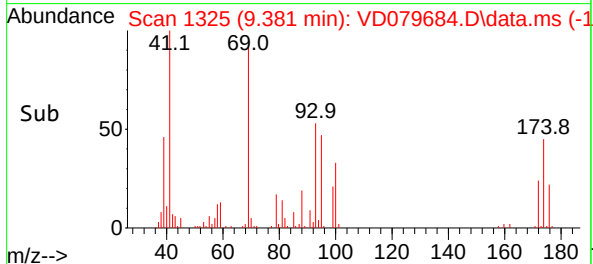
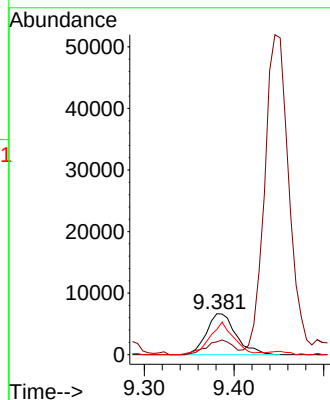
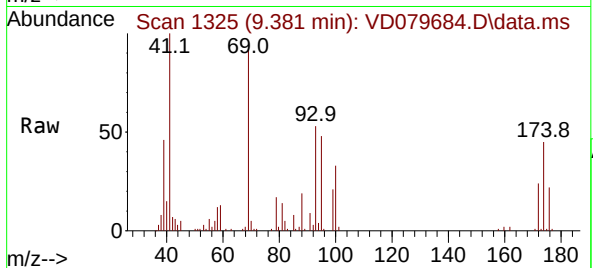
Tgt Ion: 88 Resp: 15124

Ion Ratio Lower Upper

88 100

43 30.8 21.5 32.3

58 66.3 42.2 63.4#



#50

Toluene-d8

Concen: 33.733 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079684.D

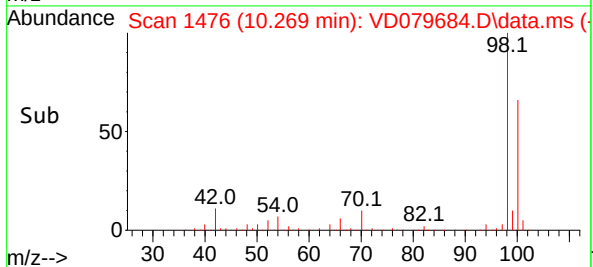
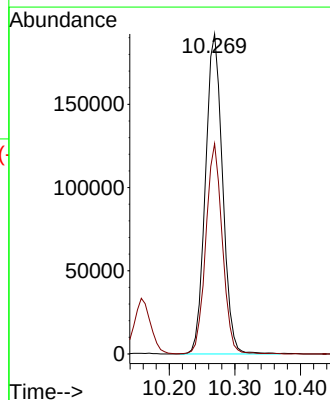
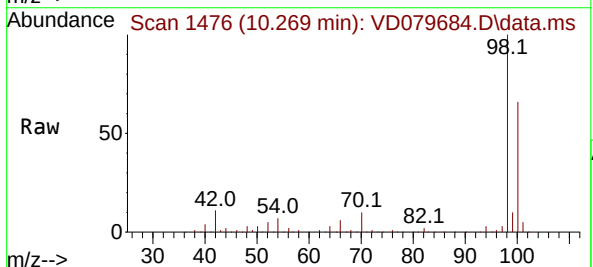
Acq: 08 Aug 2024 23:05

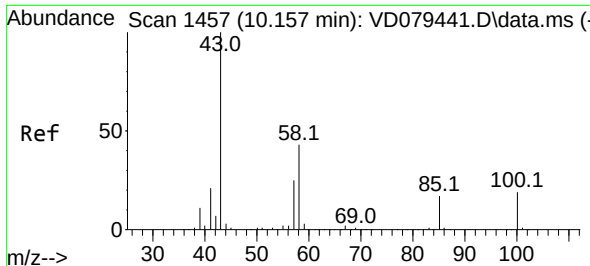
Tgt Ion: 98 Resp: 349107

Ion Ratio Lower Upper

98 100

100 63.1 51.6 77.4

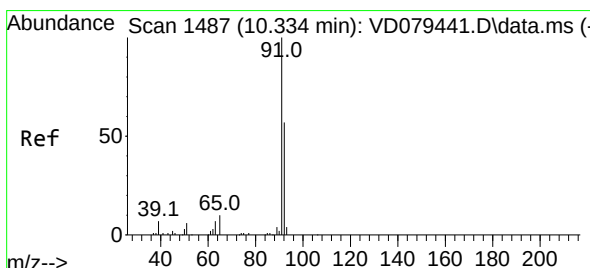
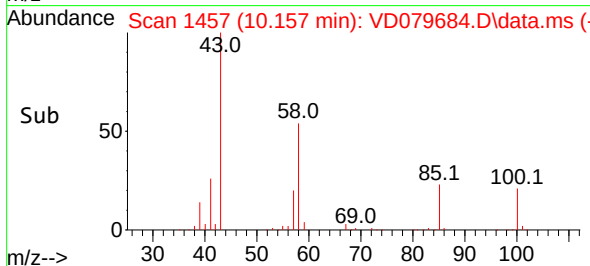
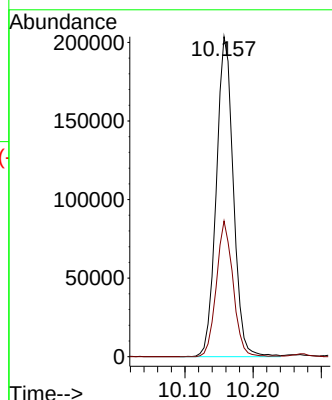
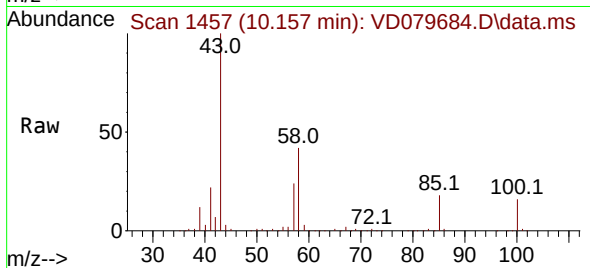




#51
4-Methyl-2-Pentanone
Concen: 247.706 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

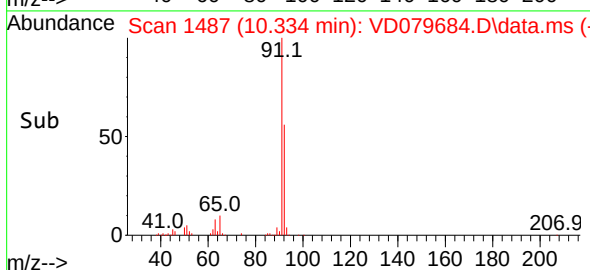
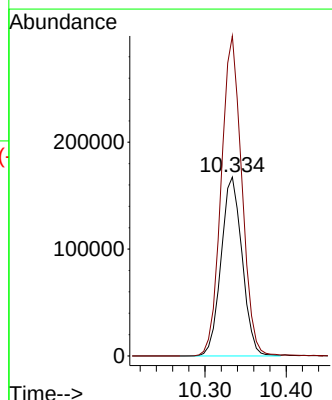
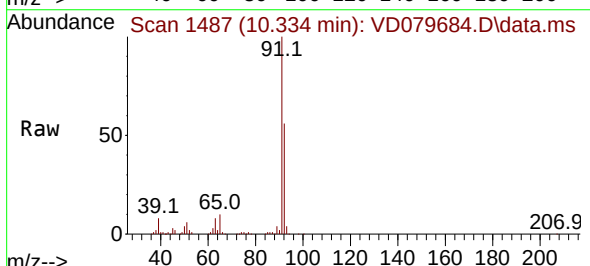
Instrument :
MSVOA_D
ClientSampleId :

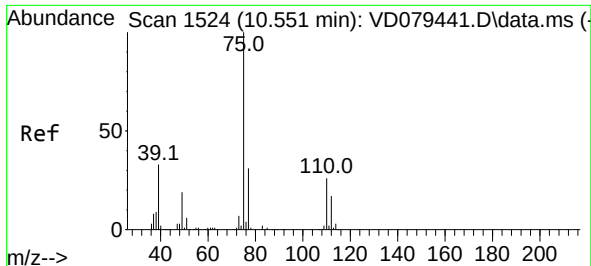
Tgt Ion: 43 Resp: 354464
Ion Ratio Lower Upper
43 100
58 41.6 36.6 55.0



#52
Toluene
Concen: 42.099 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 92 Resp: 300802
Ion Ratio Lower Upper
92 100
91 176.2 141.7 212.5

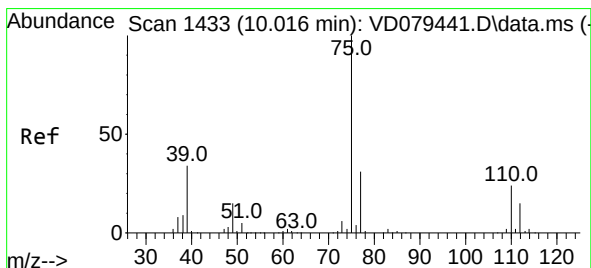
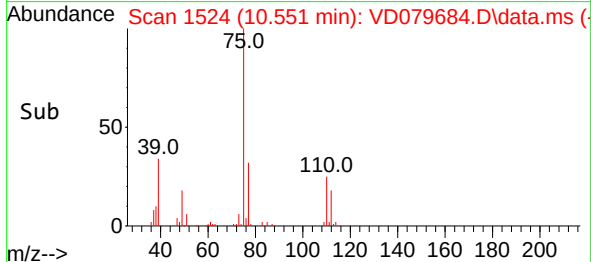
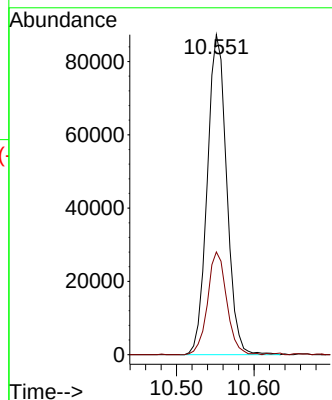
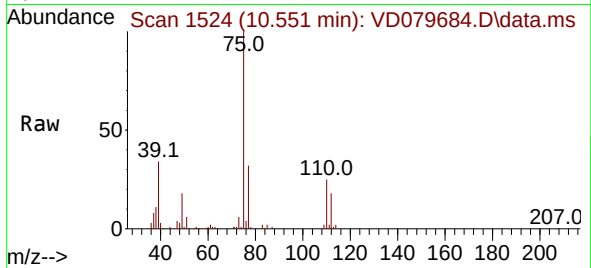




#53
t-1,3-Dichloropropene
Concen: 43.055 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

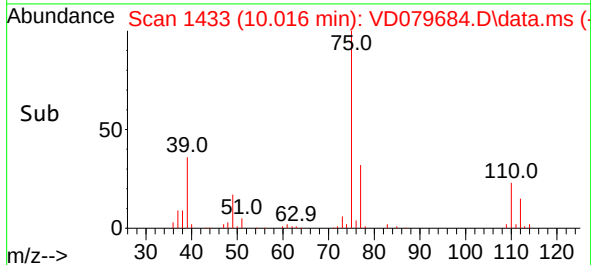
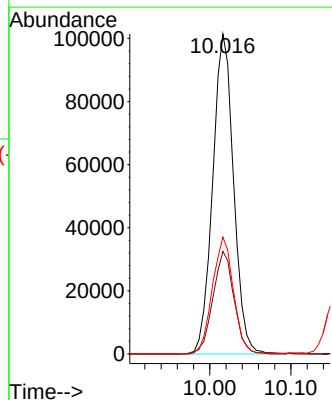
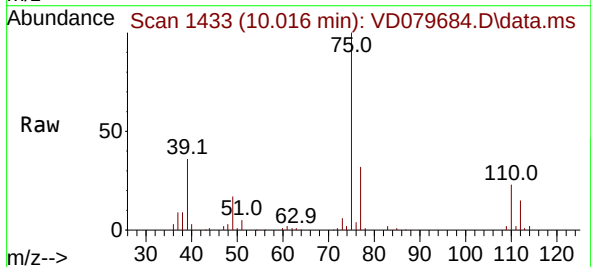
Instrument :
MSVOA_D
ClientSampleId :

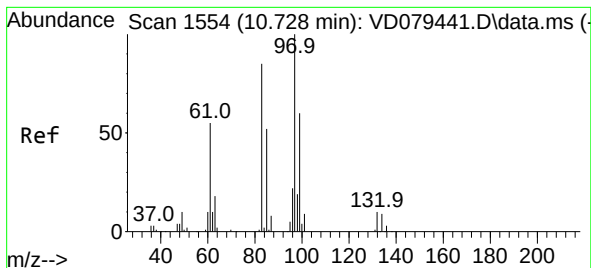
Tgt Ion: 75 Resp: 152167
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 42.679 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 75 Resp: 181437
Ion Ratio Lower Upper
75 100
77 32.1 24.4 36.6
39 36.5 24.2 36.2#





#55

1,1,2-Trichloroethane

Concen: 42.482 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 87222

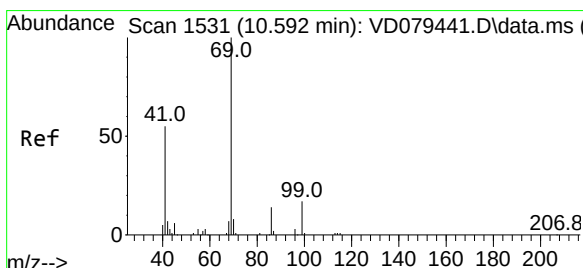
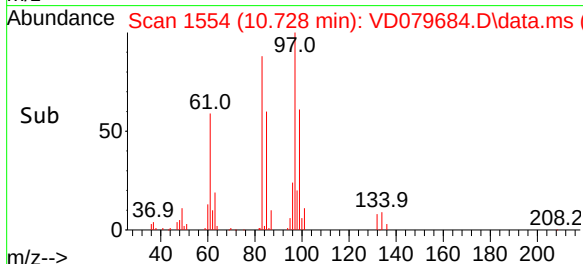
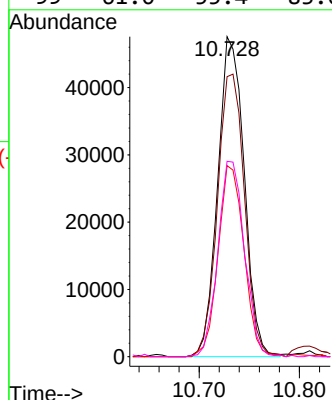
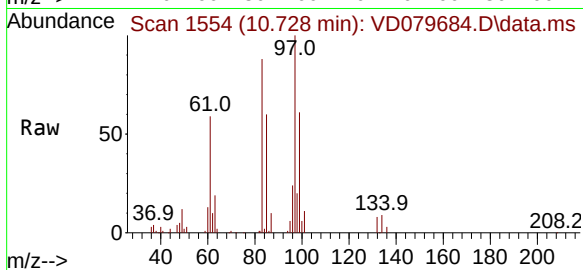
Ion Ratio Lower Upper

97 100

83 87.5 65.8 98.8

85 59.7 43.8 65.8

99 61.0 55.4 83.0



#56

Ethyl methacrylate

Concen: 48.161 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

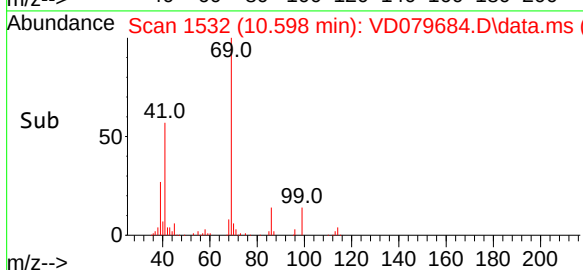
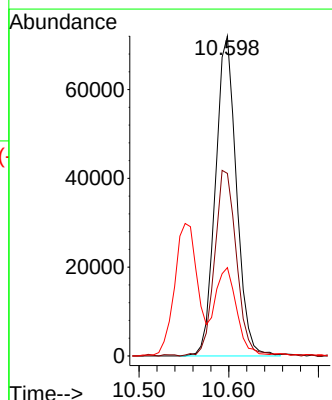
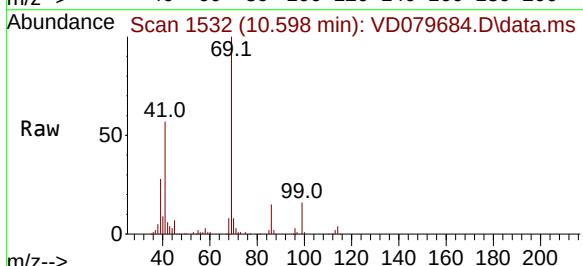
Tgt Ion: 69 Resp: 117165

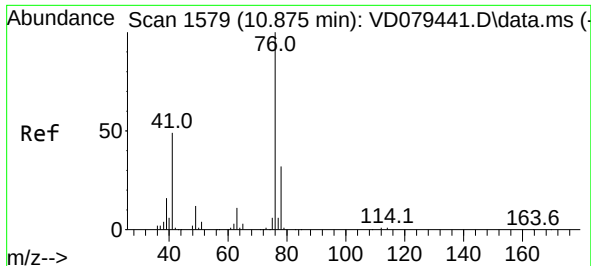
Ion Ratio Lower Upper

69 100

41 60.7 39.8 59.6#

39 27.7 20.2 30.4





#57

1,3-Dichloropropane

Concen: 44.137 ug/l

RT: 10.881 min Scan# 1579

Delta R.T. 0.006 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

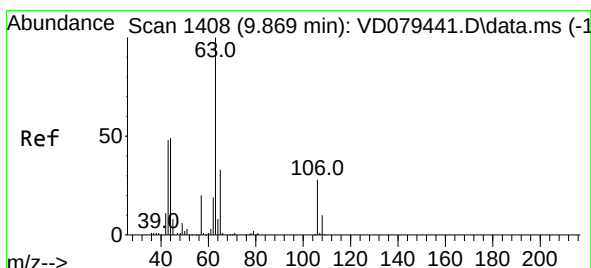
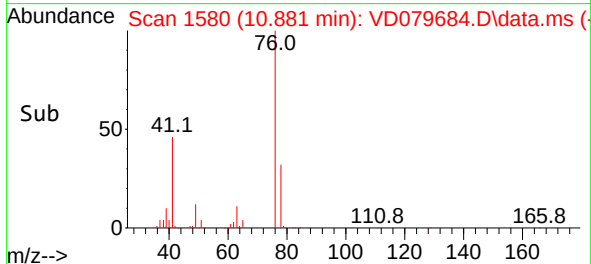
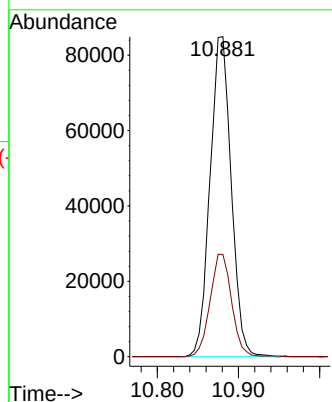
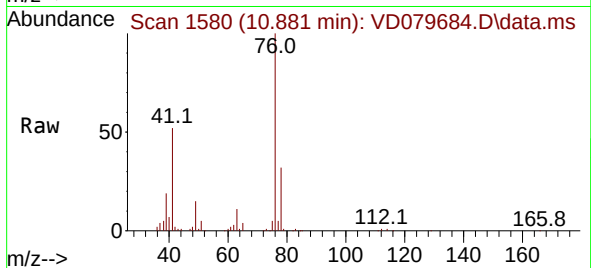
ClientSampleId :

Tgt Ion: 76 Resp: 153989

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 220.409 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079684.D

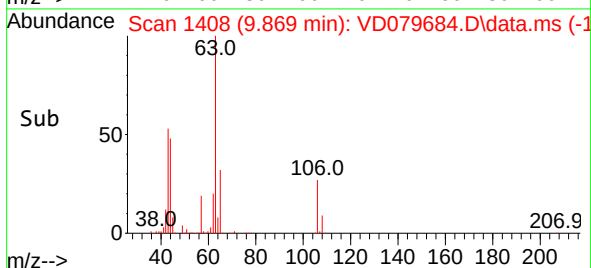
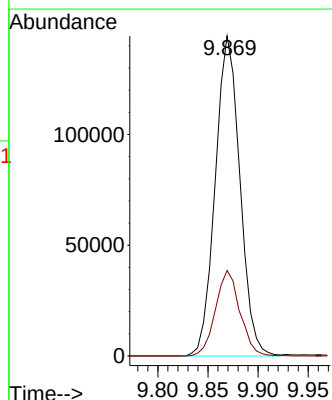
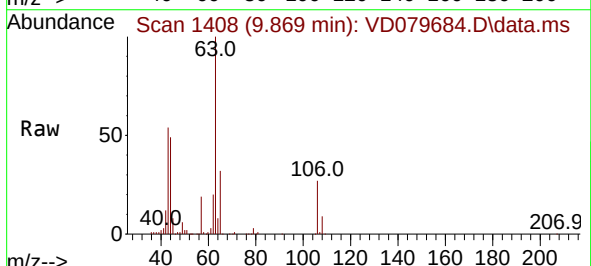
Acq: 08 Aug 2024 23:05

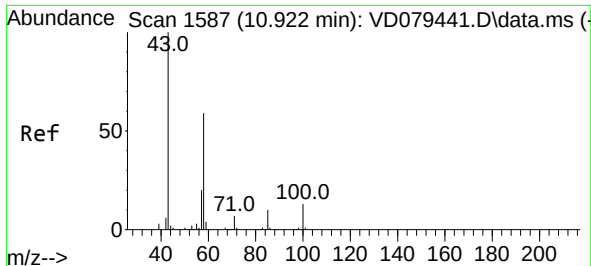
Tgt Ion: 63 Resp: 247282

Ion Ratio Lower Upper

63 100

106 26.3 26.4 39.6#

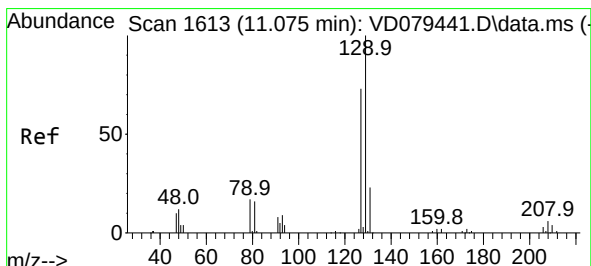
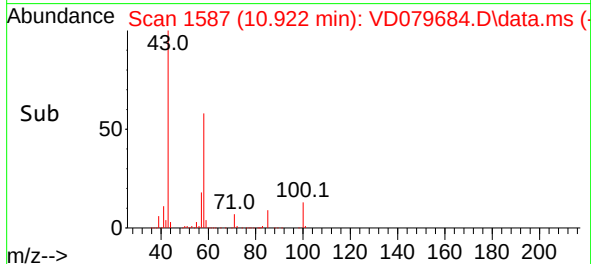
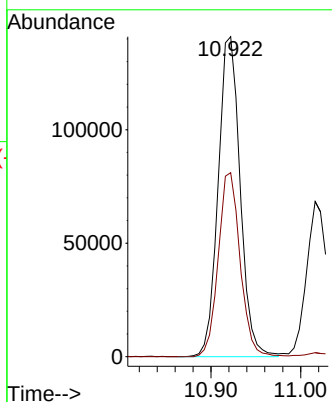
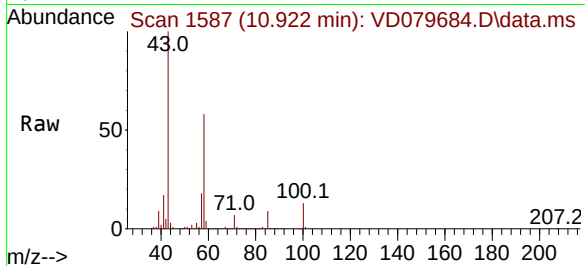




#59
2-Hexanone
Concen: 240.506 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

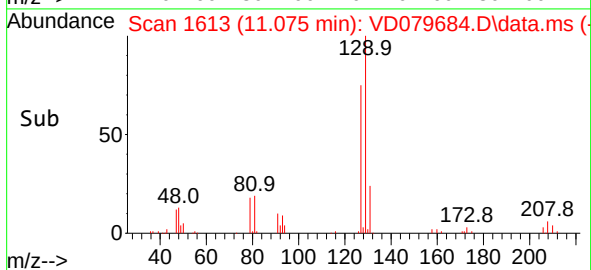
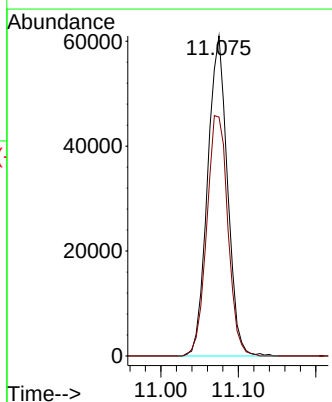
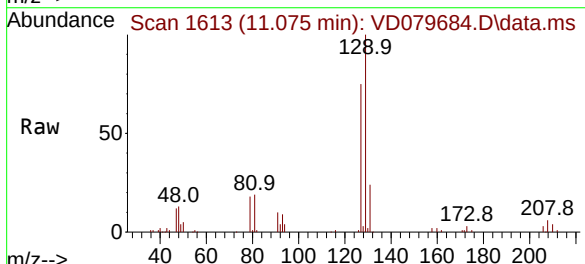
Instrument :
MSVOA_D
ClientSampleId :

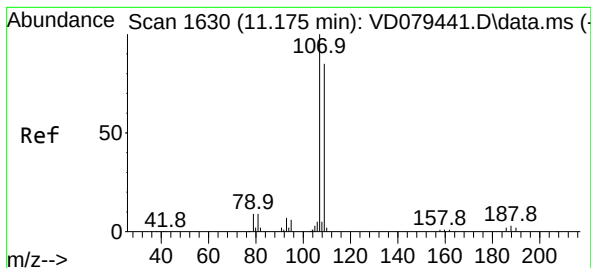
Tgt Ion: 43 Resp: 240026
Ion Ratio Lower Upper
43 100
58 57.3 31.1 93.5



#60
Dibromochloromethane
Concen: 40.571 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 129 Resp: 108816
Ion Ratio Lower Upper
129 100
127 79.7 38.0 113.9





#61

1,2-Dibromoethane

Concen: 40.283 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

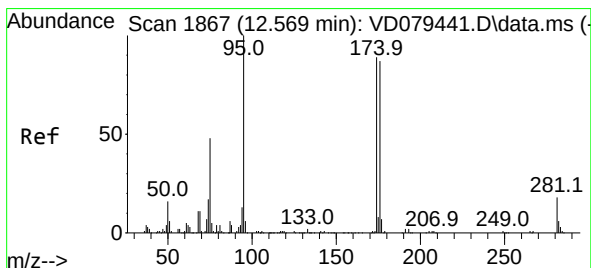
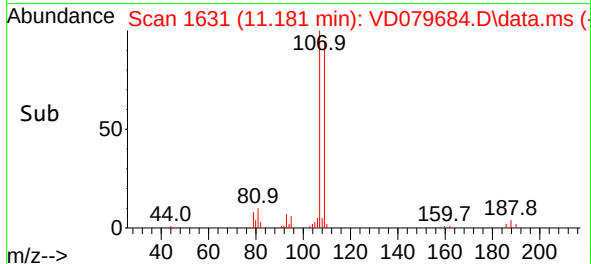
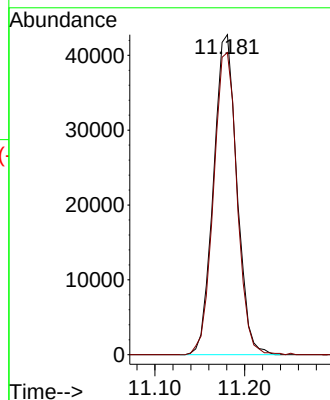
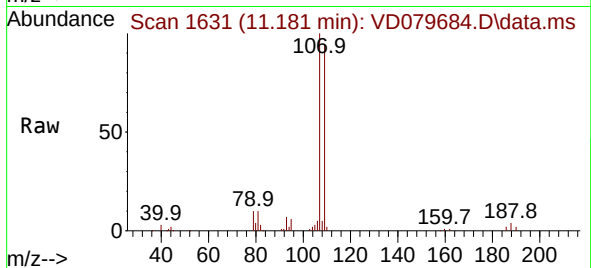
ClientSampleId :

Tgt Ion:107 Resp: 77484

Ion Ratio Lower Upper

107 100

109 94.9 72.0 108.0



#62

4-Bromofluorobenzene

Concen: 33.981 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

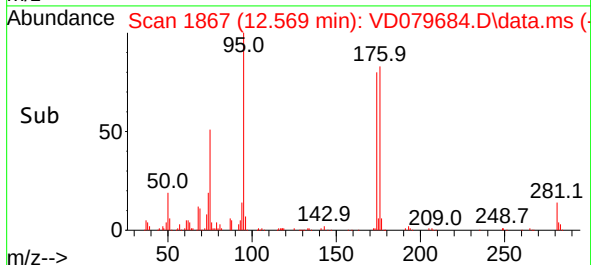
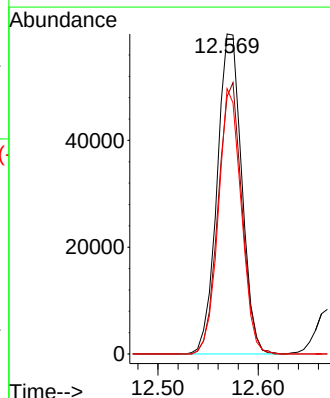
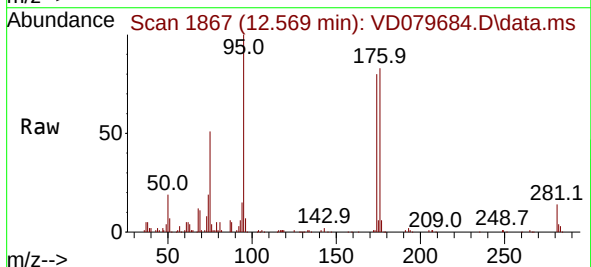
Tgt Ion: 95 Resp: 101765

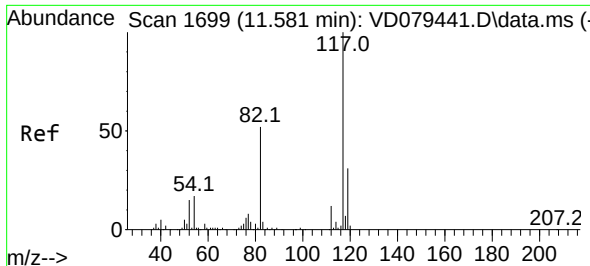
Ion Ratio Lower Upper

95 100

174 81.9 0.0 195.4

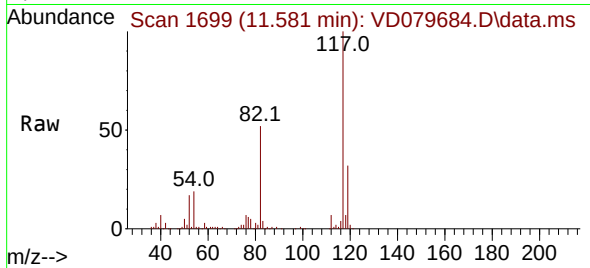
176 77.4 0.0 192.6



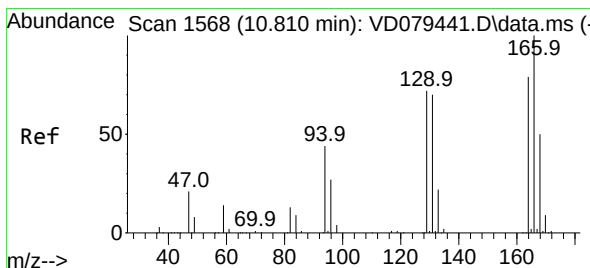
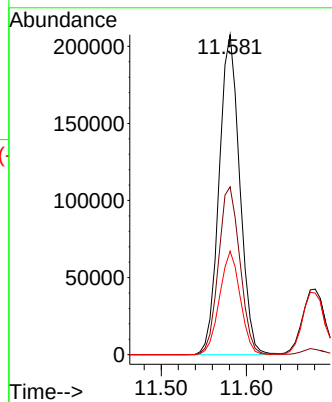
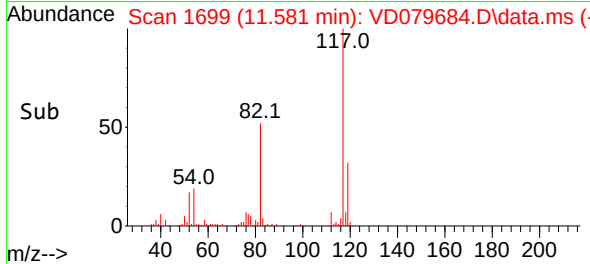


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Instrument :
MSVOA_D
ClientSampleId :

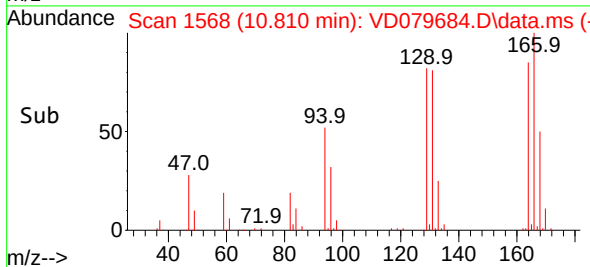
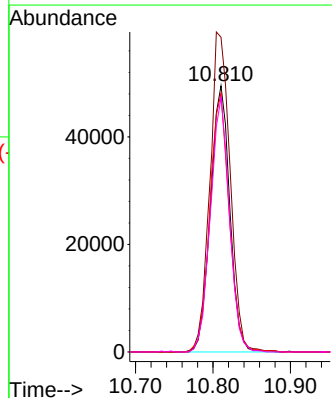
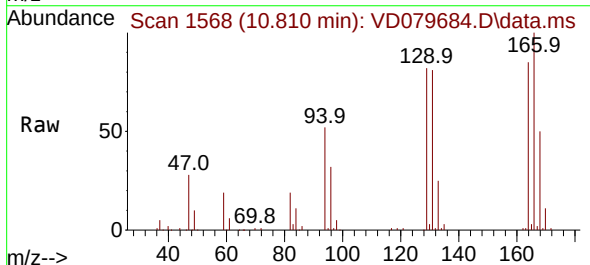


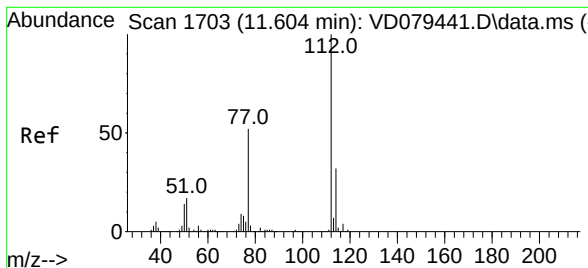
Tgt Ion:117 Resp: 348712
Ion Ratio Lower Upper
117 100
82 52.5 39.8 59.6
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 36.545 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion:164 Resp: 85932
Ion Ratio Lower Upper
164 100
166 118.3 108.6 163.0
129 97.2 74.6 112.0
131 95.5 68.6 103.0

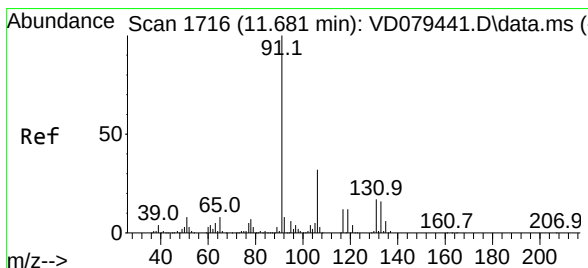
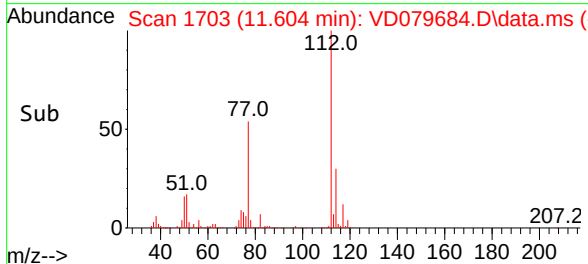
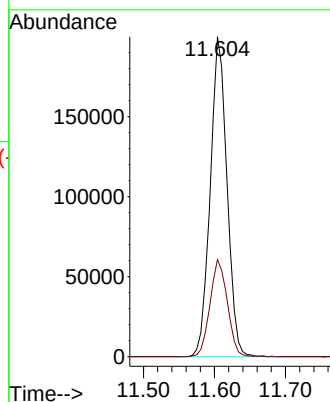
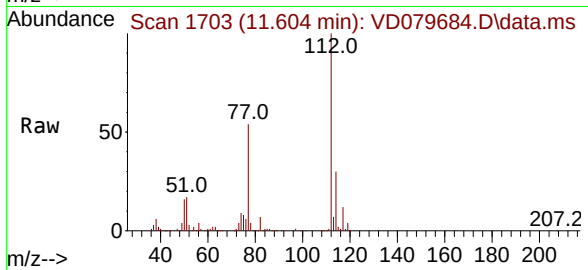




#65
Chlorobenzene
Concen: 42.419 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

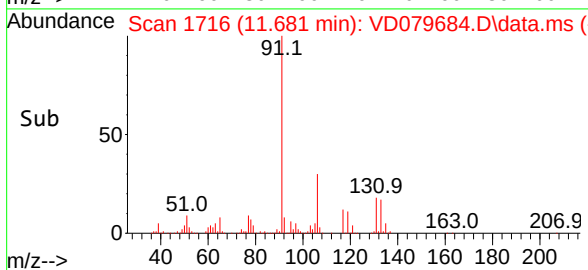
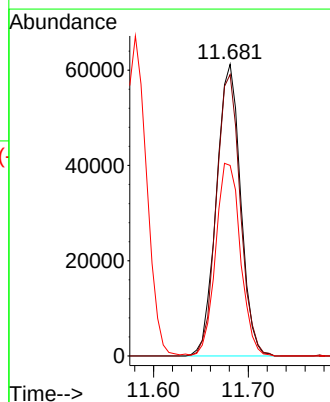
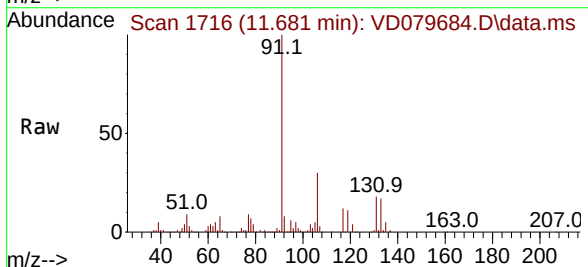
Instrument :
MSVOA_D
ClientSampleId :

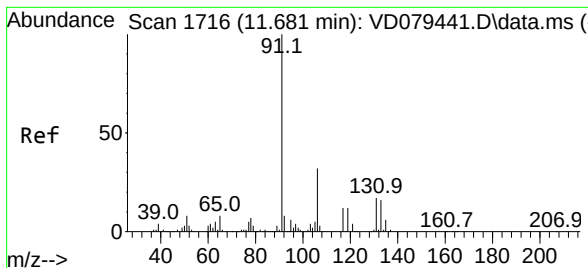
Tgt Ion:112 Resp: 327552
Ion Ratio Lower Upper
112 100
114 30.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 42.887 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion:131 Resp: 108958
Ion Ratio Lower Upper
131 100
133 95.3 49.2 147.6
119 67.4 33.4 100.2





#67

Ethyl Benzene

Concen: 44.554 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

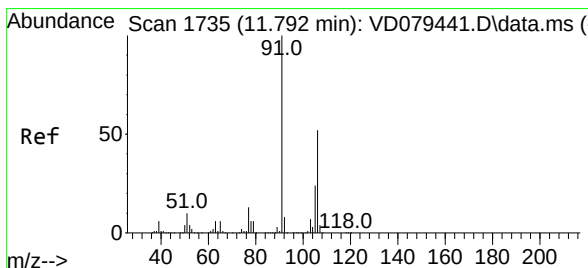
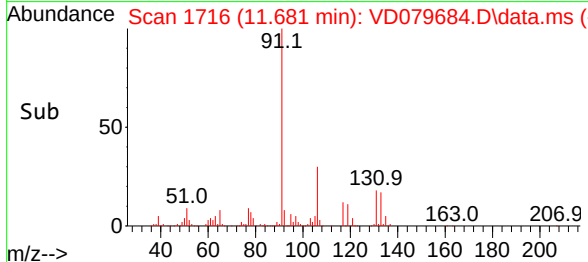
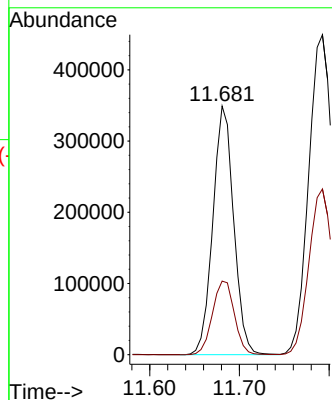
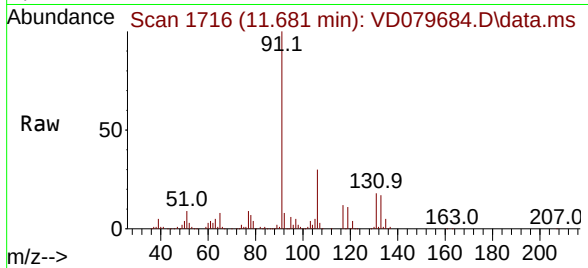
ClientSampleId :

Tgt Ion: 91 Resp: 563212

Ion Ratio Lower Upper

91 100

106 29.6 25.8 38.6



#68

m/p-Xylenes

Concen: 86.725 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079684.D

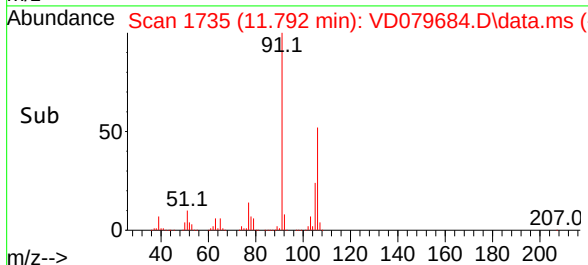
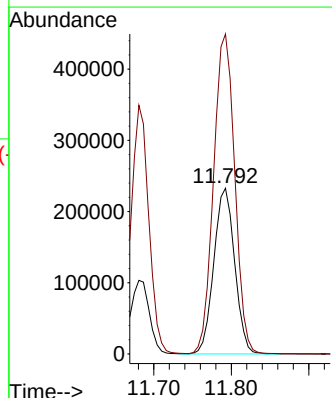
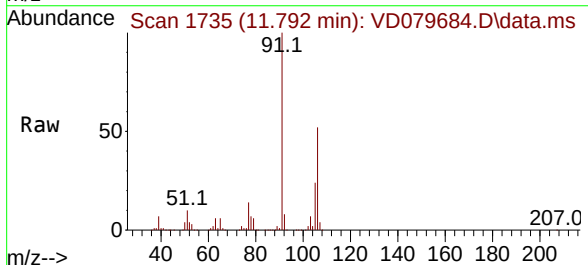
Acq: 08 Aug 2024 23:05

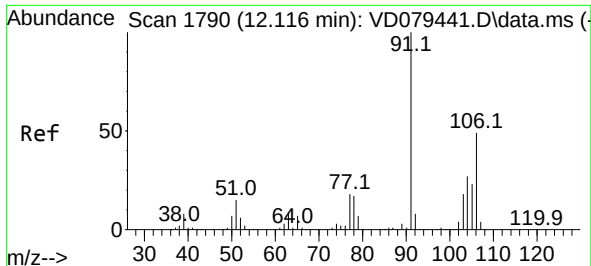
Tgt Ion:106 Resp: 434940

Ion Ratio Lower Upper

106 100

91 196.1 148.5 222.7





#69

o-Xylene

Concen: 44.599 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

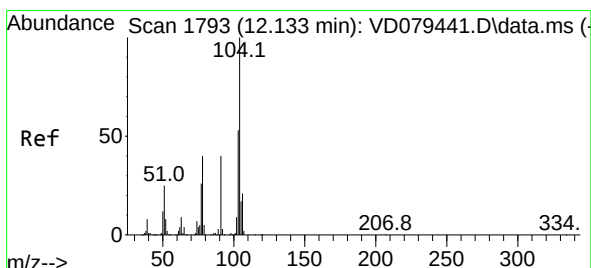
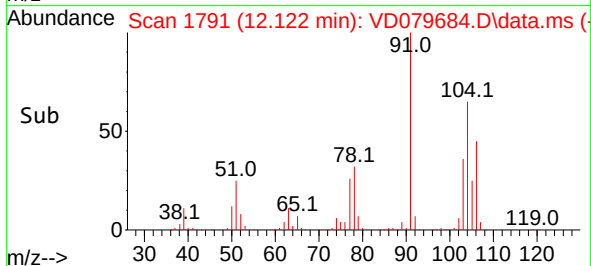
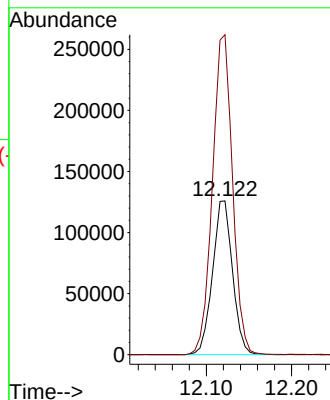
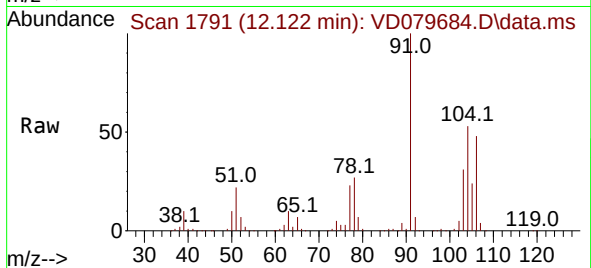
ClientSampleId :

Tgt Ion:106 Resp: 205016

Ion Ratio Lower Upper

106 100

91 209.2 96.7 290.1



#70

Styrene

Concen: 46.071 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

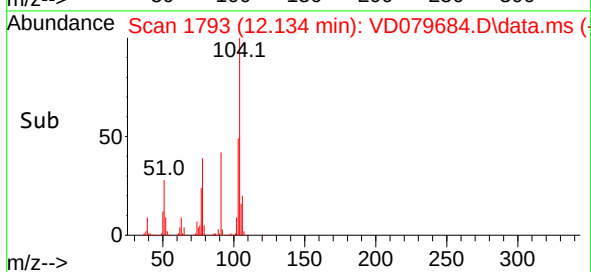
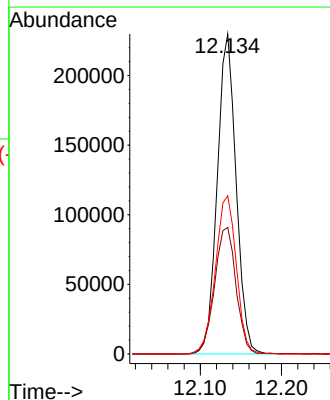
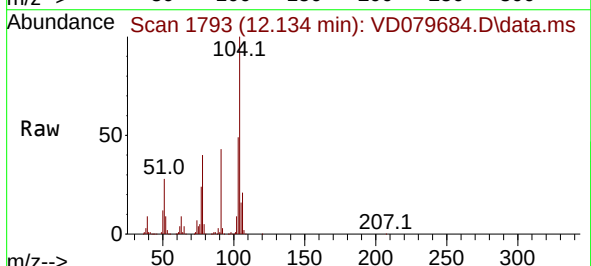
Tgt Ion:104 Resp: 371294

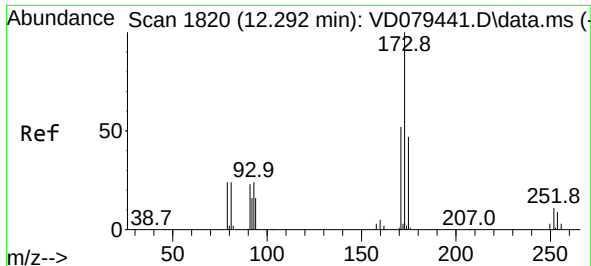
Ion Ratio Lower Upper

104 100

78 45.2 33.0 49.6

103 54.9 44.2 66.4

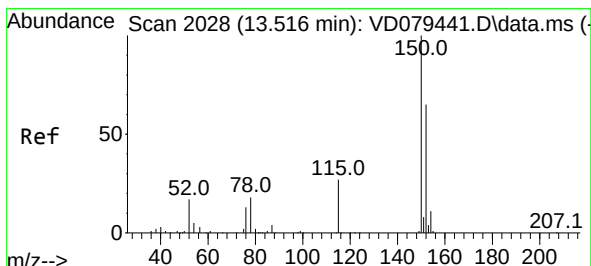
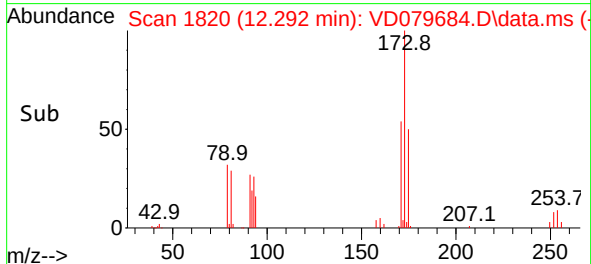
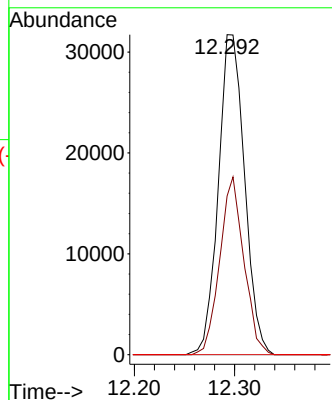
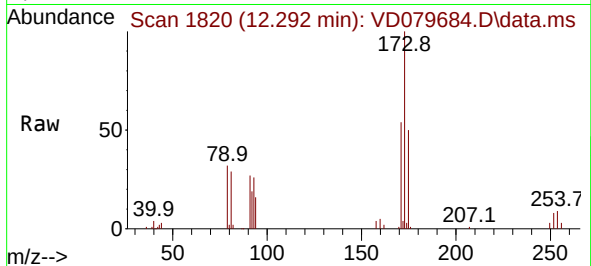




#71
Bromoform
Concen: 40.127 ug/l
RT: 12.292 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

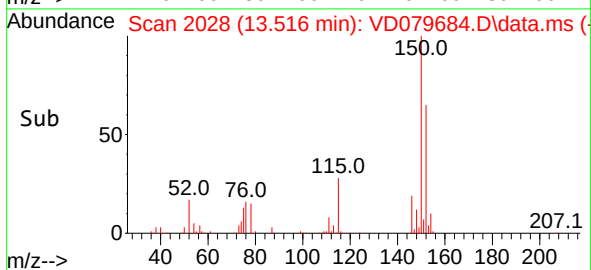
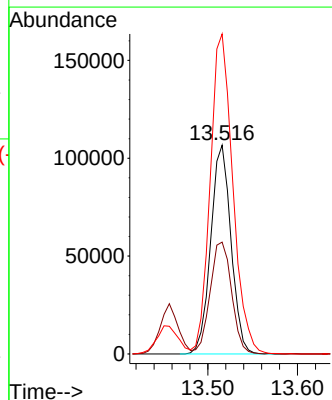
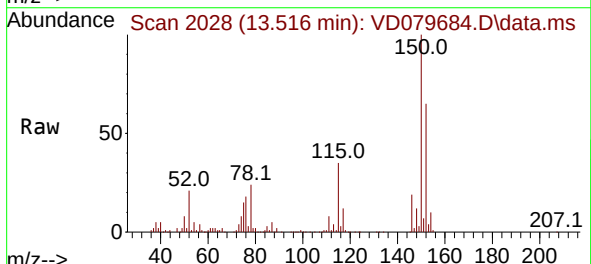
Instrument :
MSVOA_D
ClientSampleId :

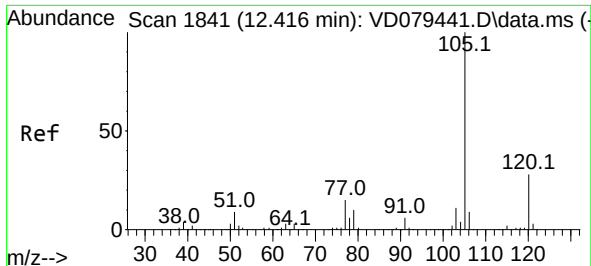
Tgt Ion:173 Resp: 57632
Ion Ratio Lower Upper
173 100
175 51.0 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion:152 Resp: 167553
Ion Ratio Lower Upper
152 100
115 57.0 26.5 79.5
150 170.4 0.0 341.6

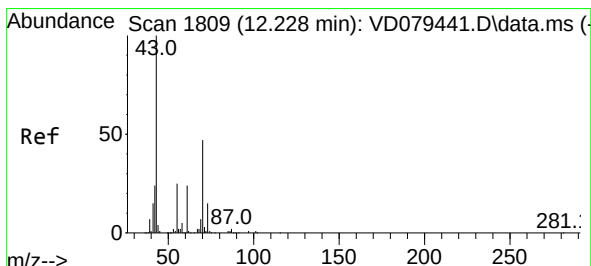
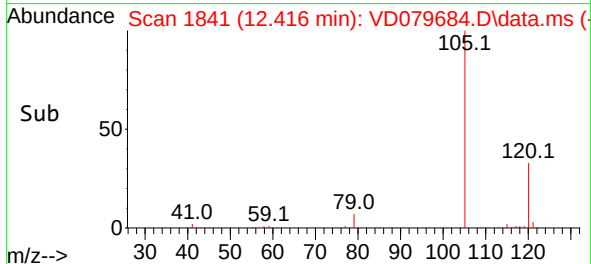
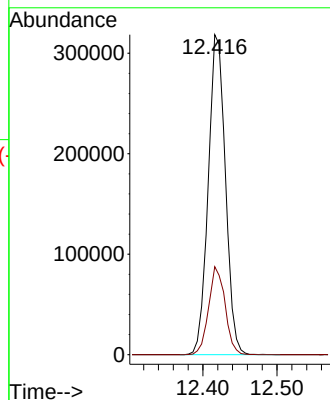
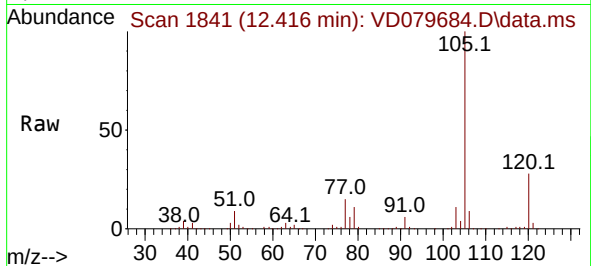




#73
Isopropylbenzene
Concen: 41.516 ug/l
RT: 12.416 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

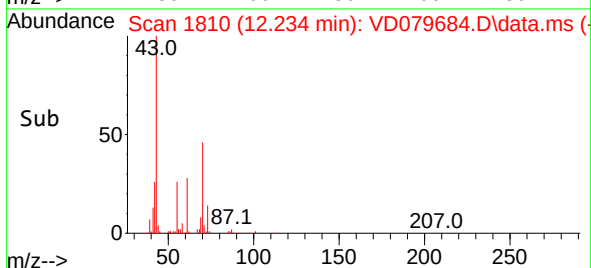
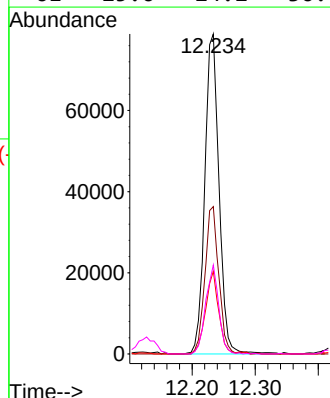
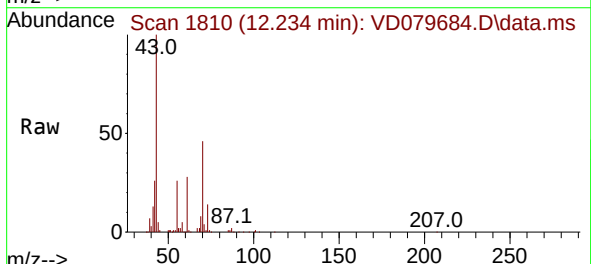
Instrument :
MSVOA_D
ClientSampleId :

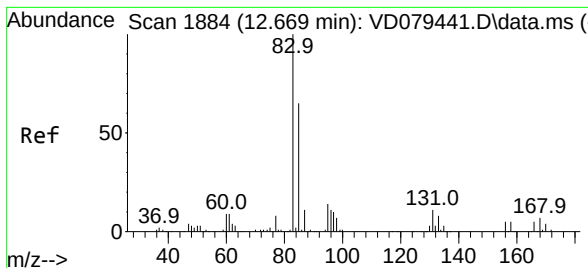
Tgt Ion:105 Resp: 512661
Ion Ratio Lower Upper
105 100
120 26.4 13.6 40.7



#74
N-ethyl acetate
Concen: 50.132 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 43 Resp: 123545
Ion Ratio Lower Upper
43 100
70 45.0 44.3 66.5
55 23.8 23.2 34.8
61 25.6 24.2 36.4

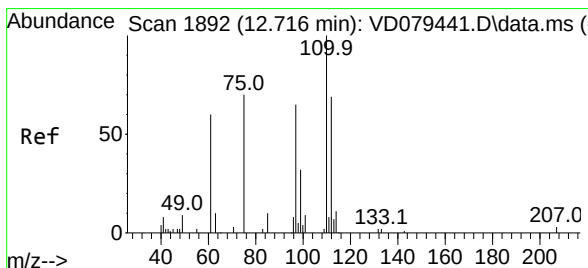
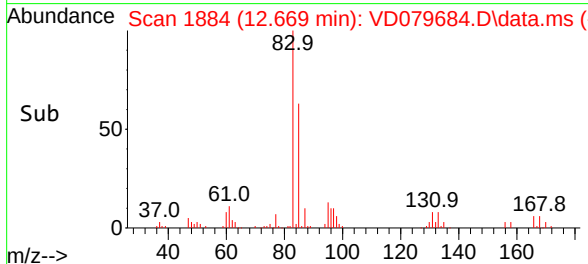
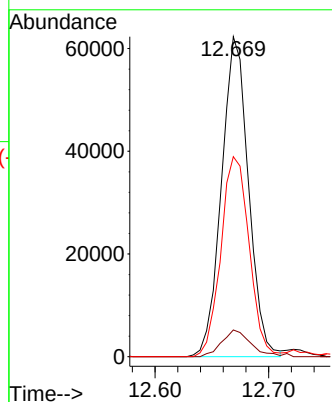
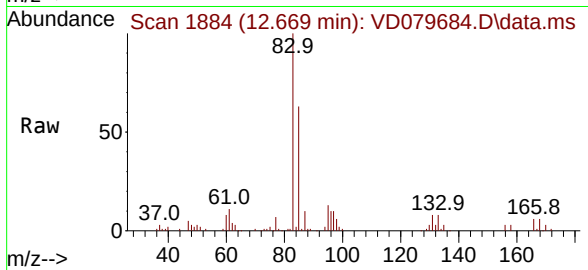




#75
1,1,2,2-Tetrachloroethane
Concen: 47.262 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

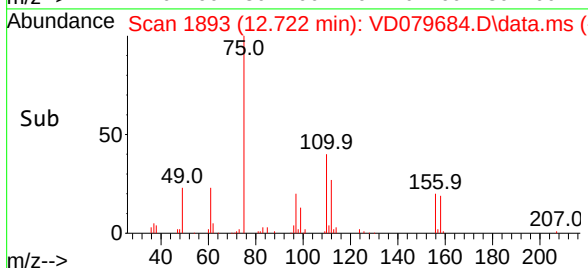
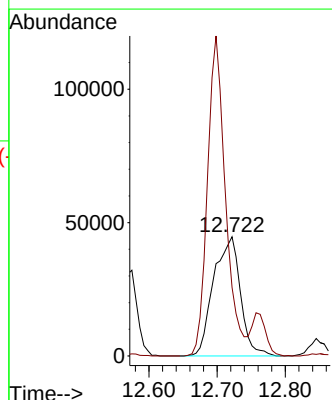
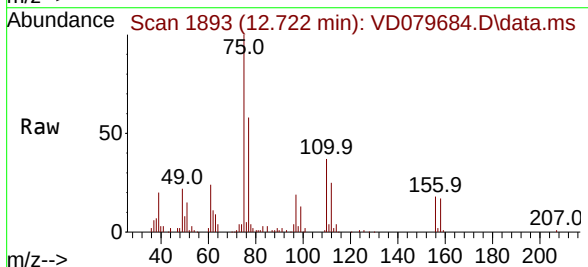
Instrument :
MSVOA_D
ClientSampleId :

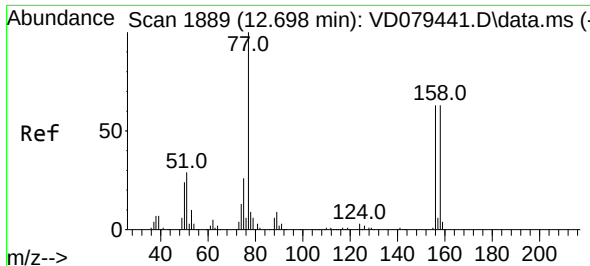
Tgt Ion: 83 Resp: 102874
Ion Ratio Lower Upper
83 100
131 9.1 5.5 16.5
85 65.5 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 83.618 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 75 Resp: 122465
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

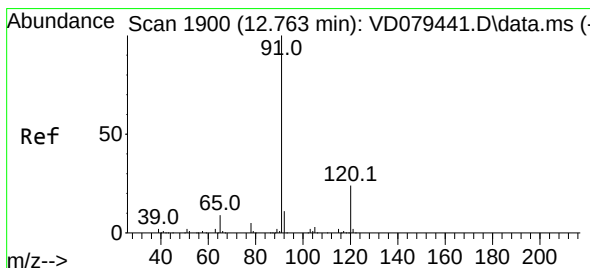
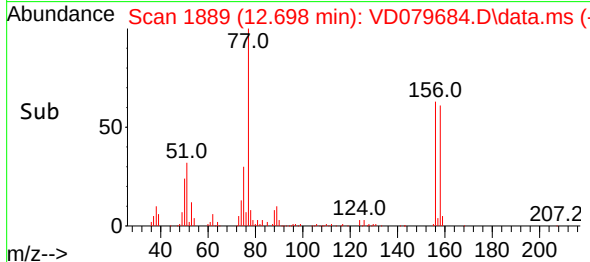
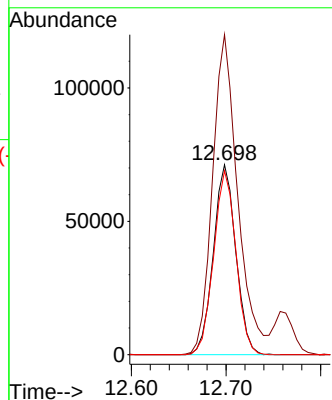
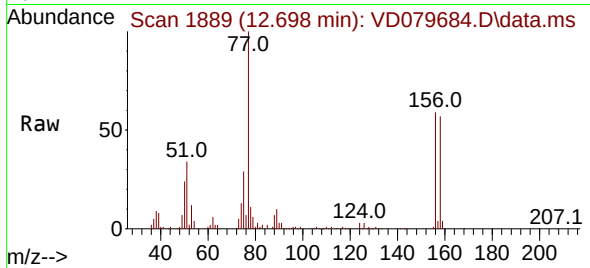




#77
Bromobenzene
Concen: 41.786 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

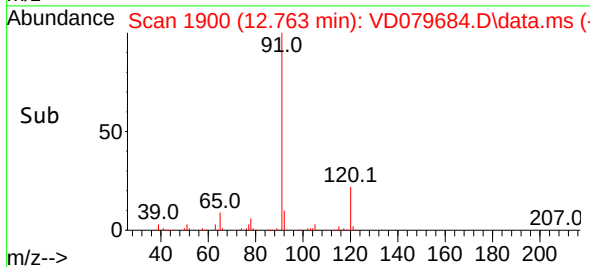
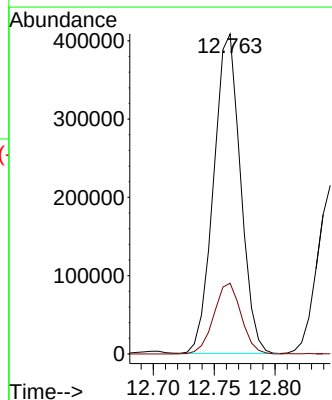
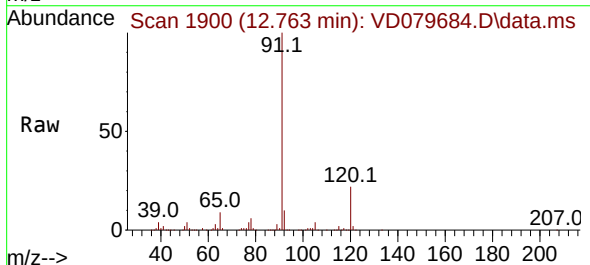
Instrument :
MSVOA_D
ClientSampleId :

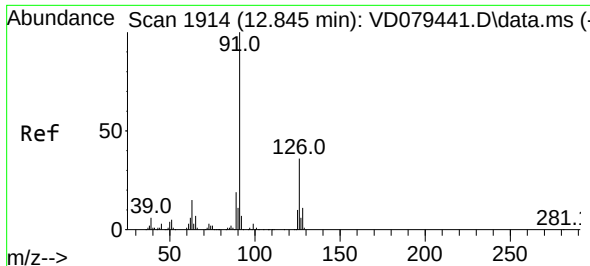
Tgt Ion:156 Resp: 117398
Ion Ratio Lower Upper
156 100
77 187.6 77.3 231.9
158 96.2 49.6 149.0



#78
n-propylbenzene
Concen: 44.733 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 91 Resp: 626522
Ion Ratio Lower Upper
91 100
120 22.5 12.3 36.8

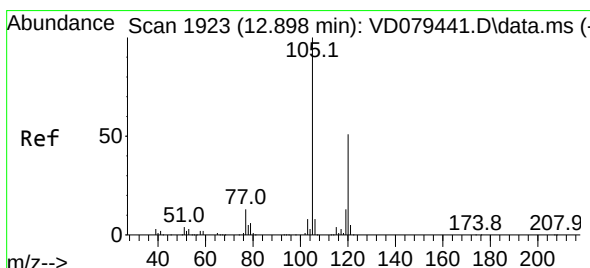
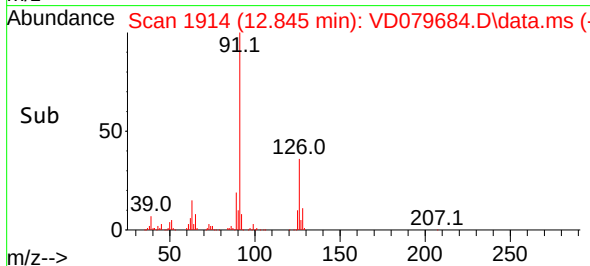
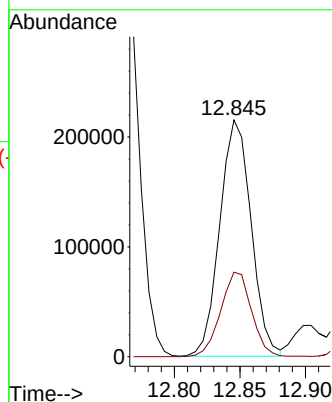
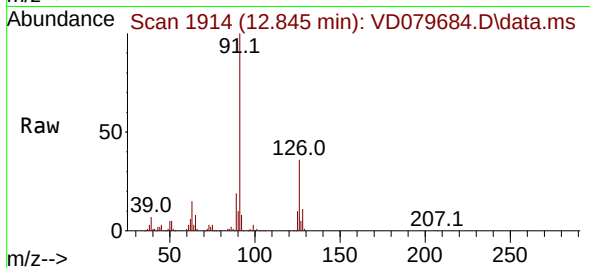




#79
2-Chlorotoluene
Concen: 45.964 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

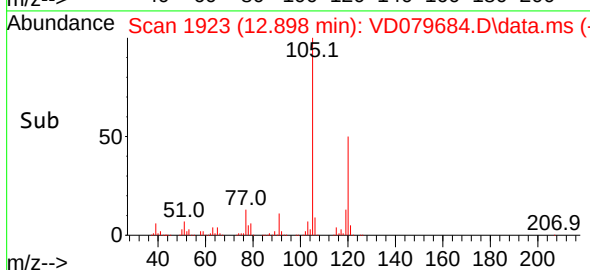
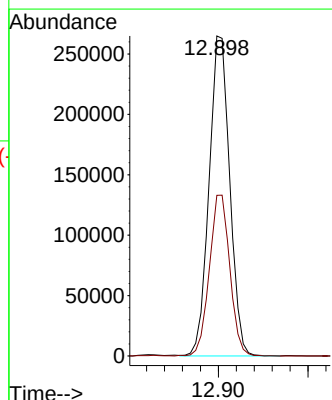
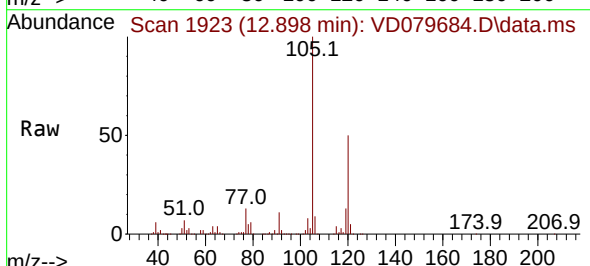
Instrument :
MSVOA_D
ClientSampleId :

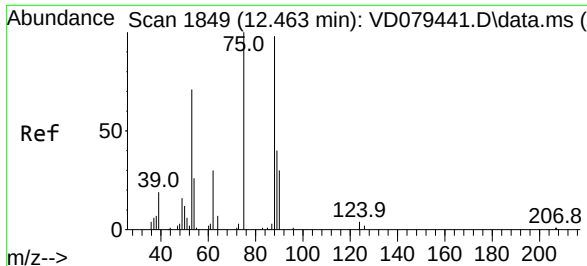
Tgt Ion: 91 Resp: 358455
Ion Ratio Lower Upper
91 100
126 35.2 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 45.360 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 105 Resp: 423362
Ion Ratio Lower Upper
105 100
120 49.8 25.7 77.1

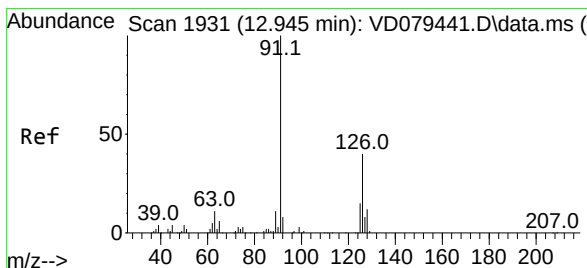
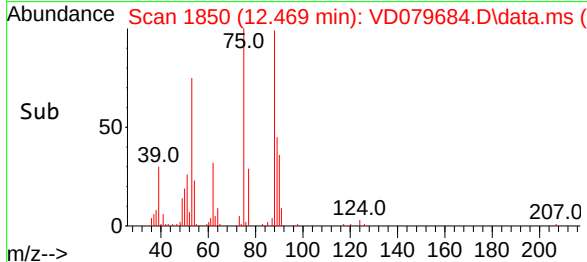
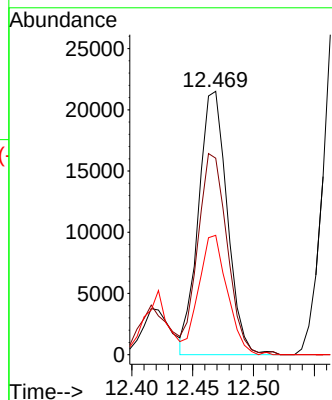
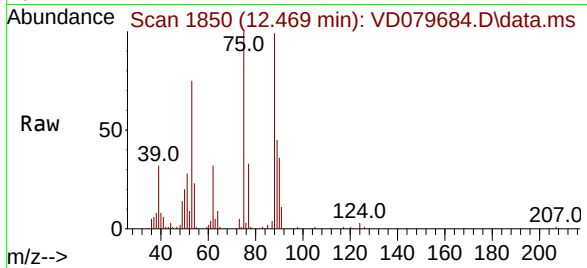




#81
trans-1,4-Dichloro-2-butene
Concen: 45.995 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

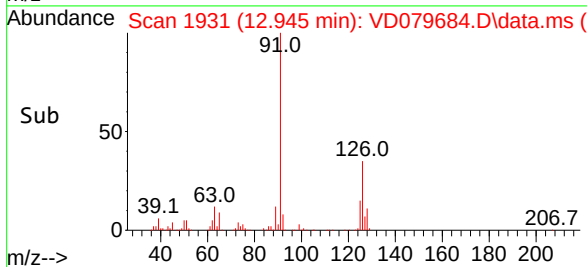
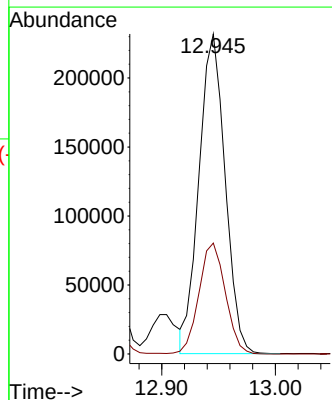
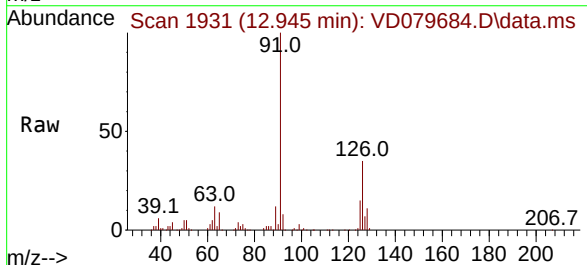
Instrument :
MSVOA_D
ClientSampleId :

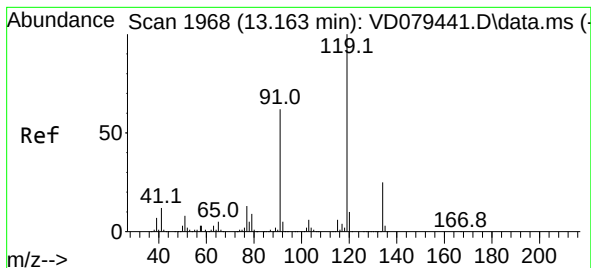
Tgt Ion: 75 Resp: 35319
Ion Ratio Lower Upper
75 100
53 78.1 61.4 92.2
89 45.3 35.4 53.0



#82
4-Chlorotoluene
Concen: 45.446 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion: 91 Resp: 369471
Ion Ratio Lower Upper
91 100
126 35.1 18.9 56.9





#83

tert-Butylbenzene

Concen: 40.925 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

ClientSampleId :

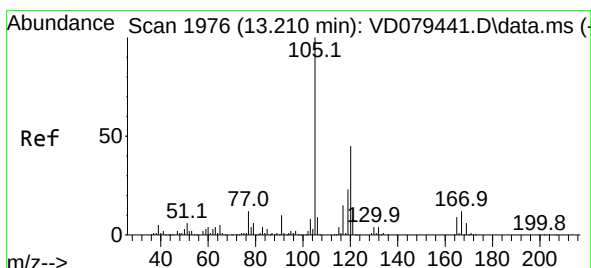
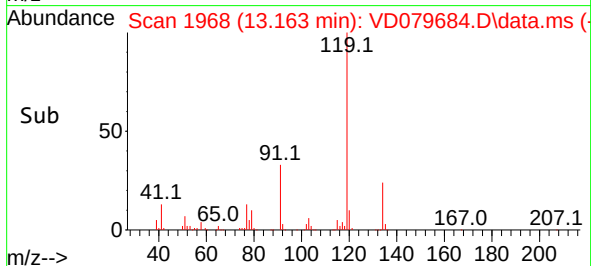
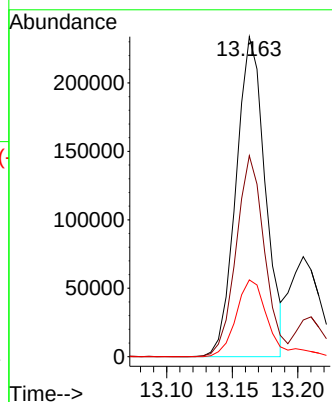
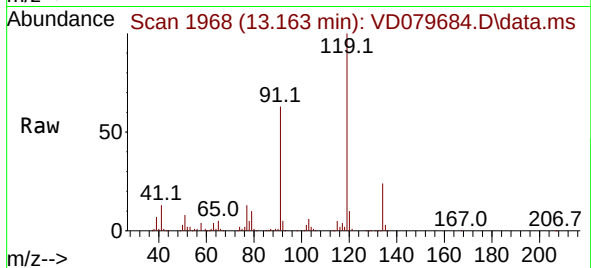
Tgt Ion:119 Resp: 363573

Ion Ratio Lower Upper

119 100

91 61.2 28.2 84.7

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 42.082 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079684.D

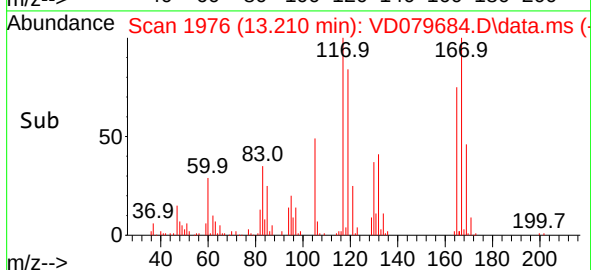
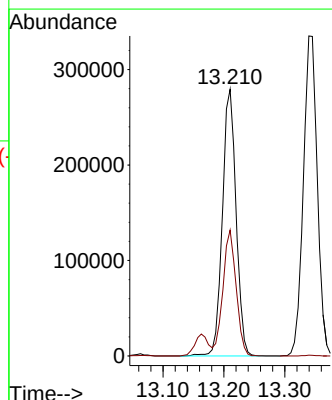
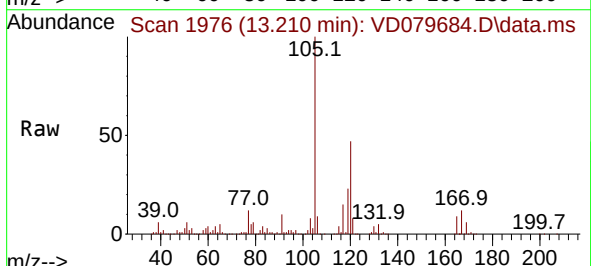
Acq: 08 Aug 2024 23:05

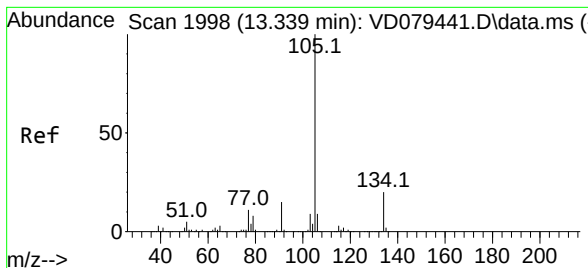
Tgt Ion:105 Resp: 435781

Ion Ratio Lower Upper

105 100

120 45.6 23.6 71.0





#85

sec-Butylbenzene

Concen: 42.892 ug/l

RT: 13.339 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

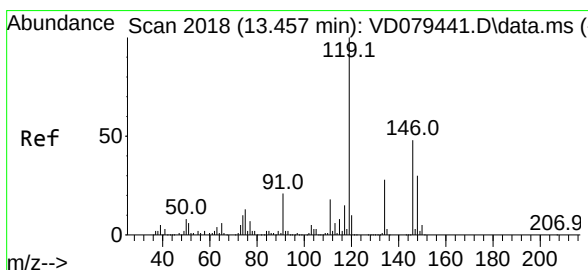
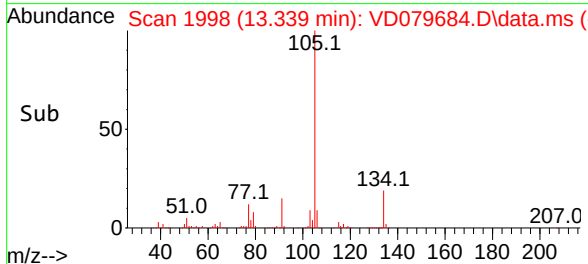
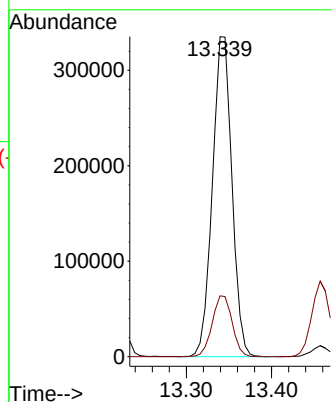
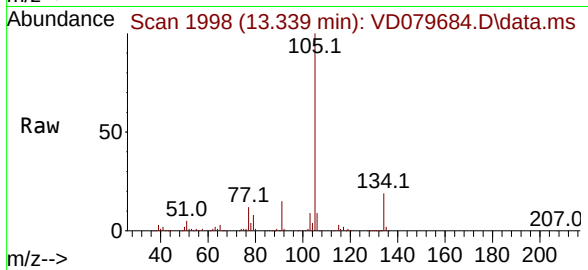
ClientSampleId :

Tgt Ion:105 Resp: 532476

Ion Ratio Lower Upper

105 100

134 19.4 10.3 30.8



#86

p-Isopropyltoluene

Concen: 38.428 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

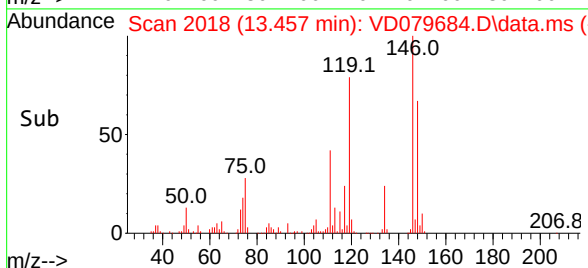
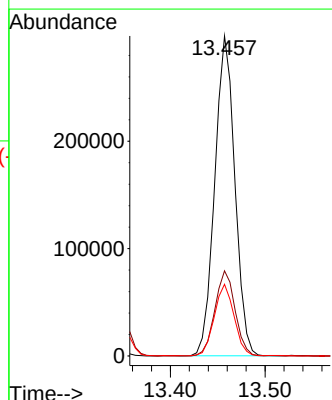
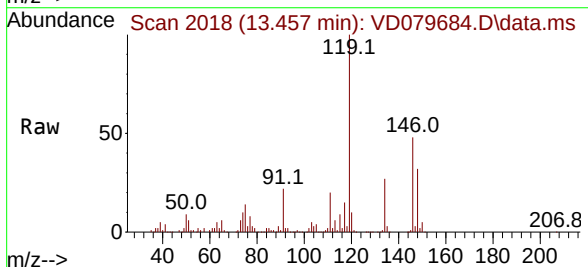
Tgt Ion:119 Resp: 439983

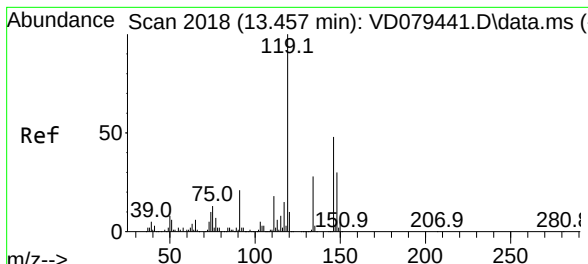
Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.1

91 21.9 10.7 32.1

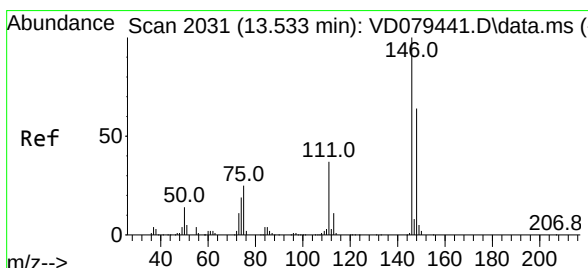
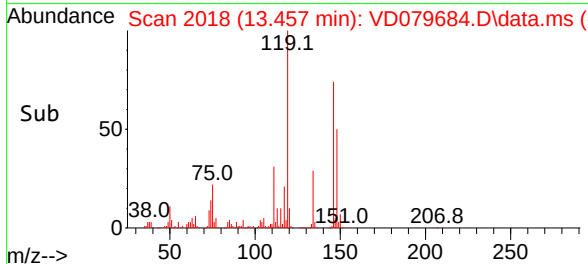
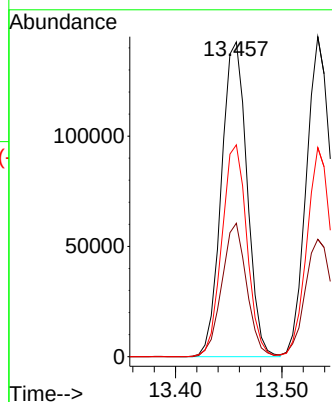
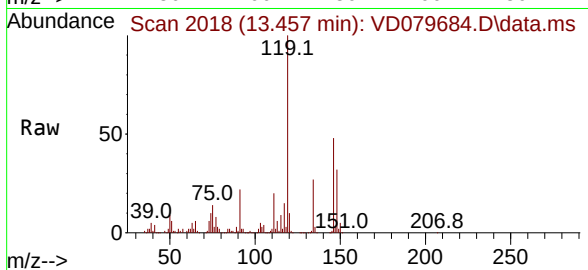




#87
 1,3-Dichlorobenzene
 Concen: 40.962 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD079684.D
 Acq: 08 Aug 2024 23:05

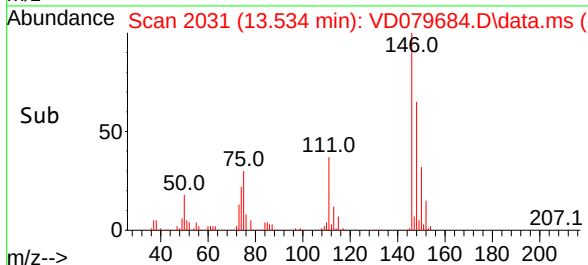
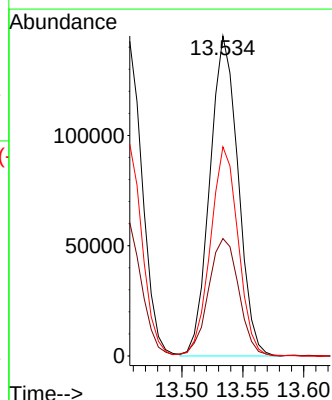
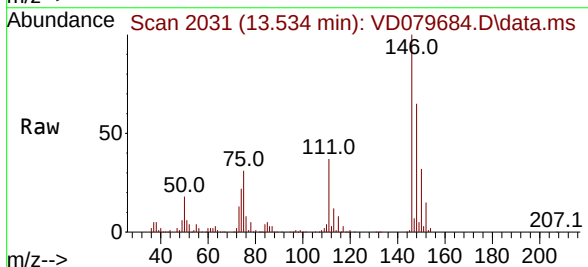
Instrument :
 MSVOA_D
 ClientSampleId :

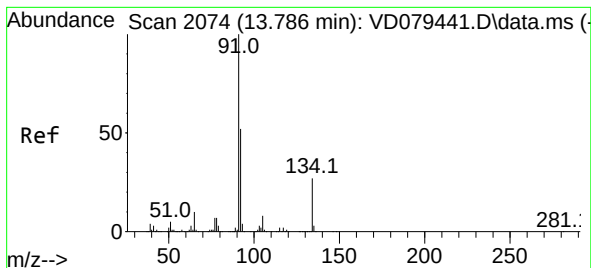
Tgt Ion:146 Resp: 238382
 Ion Ratio Lower Upper
 146 100
 111 41.1 18.5 55.5
 148 65.7 30.9 92.8



#88
 1,4-Dichlorobenzene
 Concen: 40.969 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD079684.D
 Acq: 08 Aug 2024 23:05

Tgt Ion:146 Resp: 234405
 Ion Ratio Lower Upper
 146 100
 111 39.5 17.5 52.6
 148 64.3 31.4 94.2





#89

n-Butylbenzene

Concen: 38.244 ug/l

RT: 13.781 min Scan# 2074

Delta R.T. -0.000 min

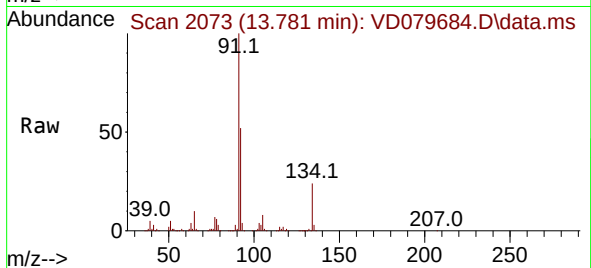
Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

ClientSampleId :



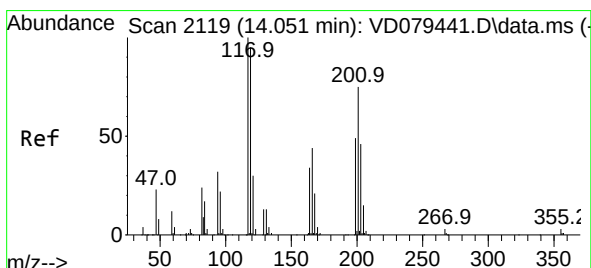
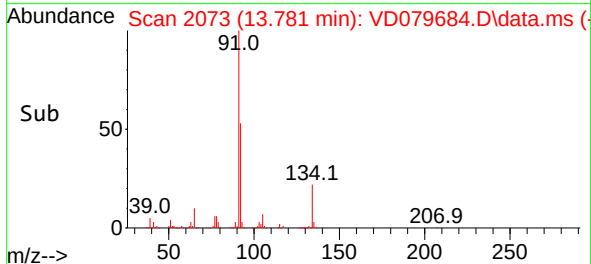
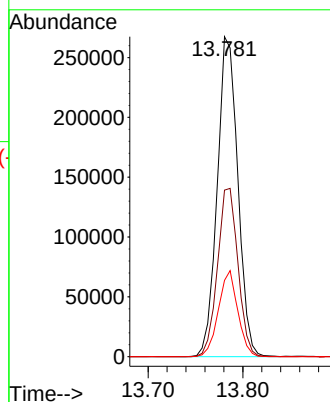
Tgt Ion: 91 Resp: 404421

Ion Ratio Lower Upper

91 100

92 52.3 25.7 77.0

134 25.3 13.6 40.8



#90

Hexachloroethane

Concen: 42.603 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.006 min

Lab File: VD079684.D

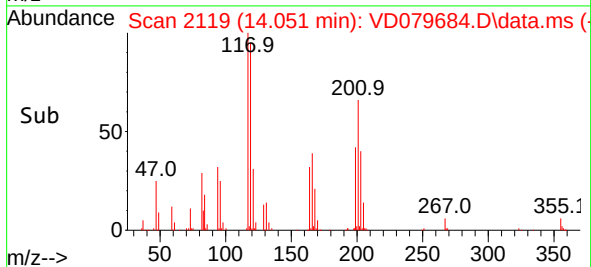
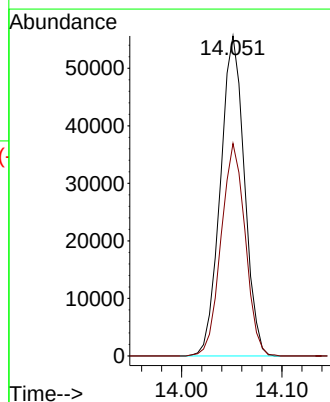
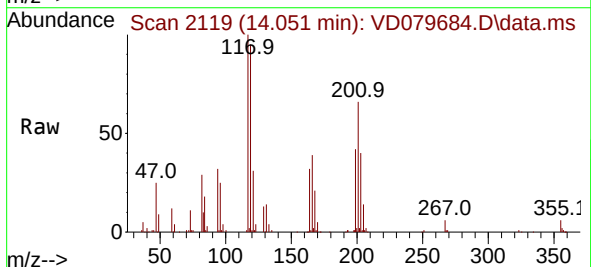
Acq: 08 Aug 2024 23:05

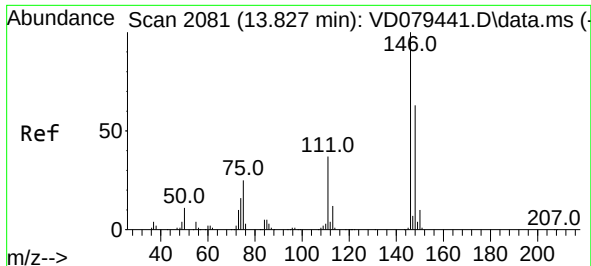
Tgt Ion: 117 Resp: 92505

Ion Ratio Lower Upper

117 100

201 66.6 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 42.586 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

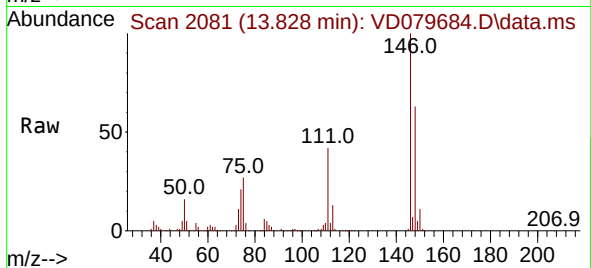
Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

ClientSampleId :



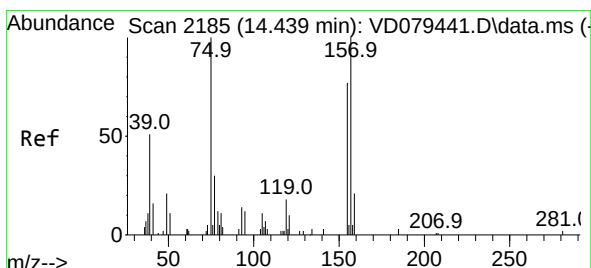
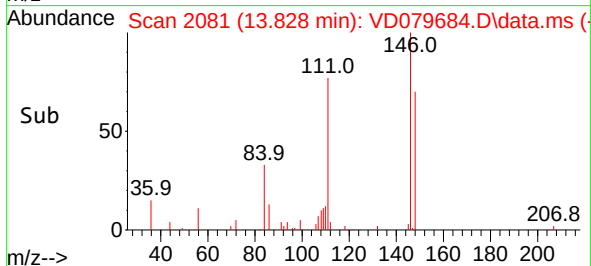
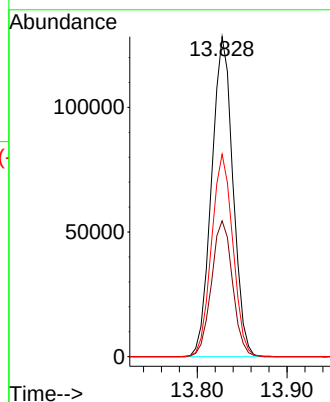
Tgt Ion:146 Resp: 211809

Ion	Ratio	Lower	Upper
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146	100		
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111	42.0	19.1	57.1
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148	63.3	31.1	93.5
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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.841 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

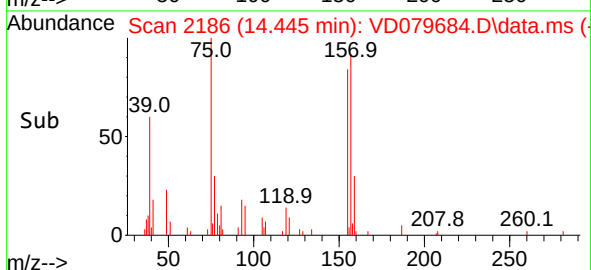
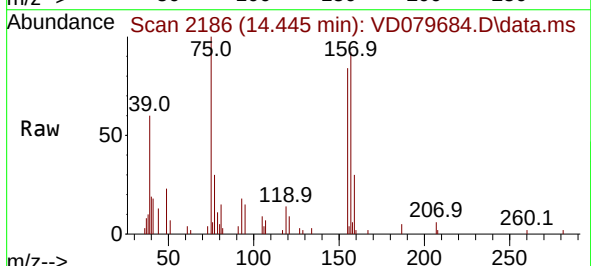
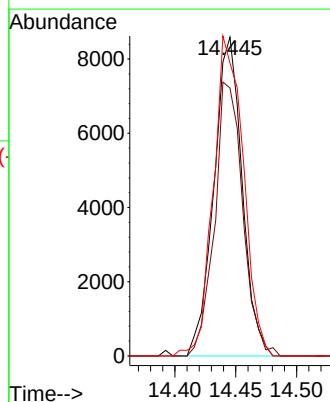
Tgt Ion: 75 Resp: 13856

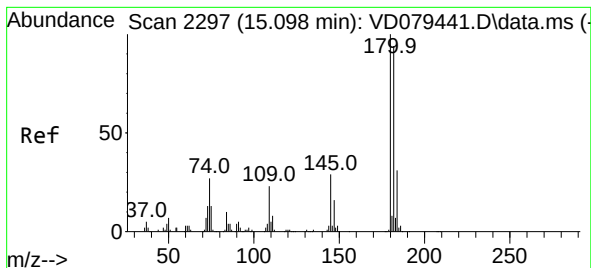
Ion	Ratio	Lower	Upper
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75	100		
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155	85.7	47.7	143.1
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157	106.5	63.4	190.2
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#93

1,2,4-Trichlorobenzene

Concen: 38.207 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

Instrument :

MSVOA_D

ClientSampleId :

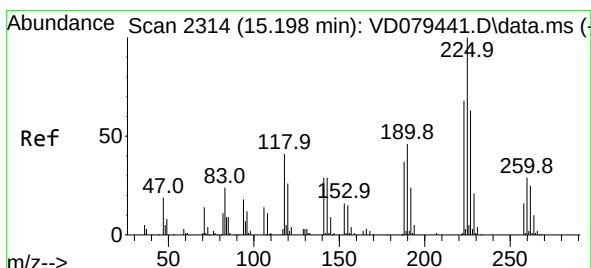
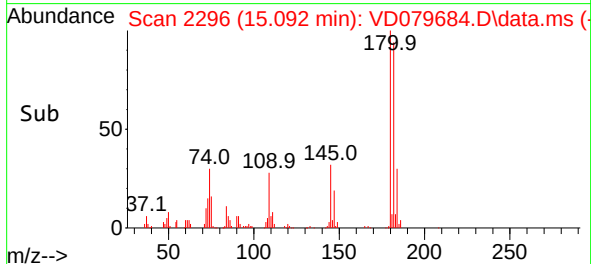
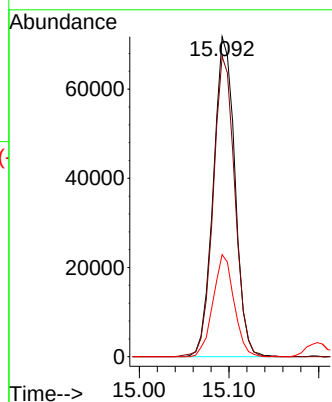
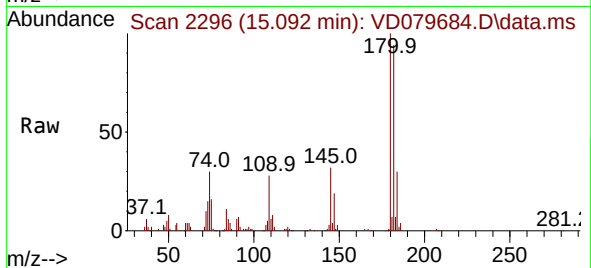
Tgt Ion:180 Resp: 119730

Ion Ratio Lower Upper

180 100

182 93.9 46.9 140.7

145 31.1 14.0 41.9



#94

Hexachlorobutadiene

Concen: 33.765 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079684.D

Acq: 08 Aug 2024 23:05

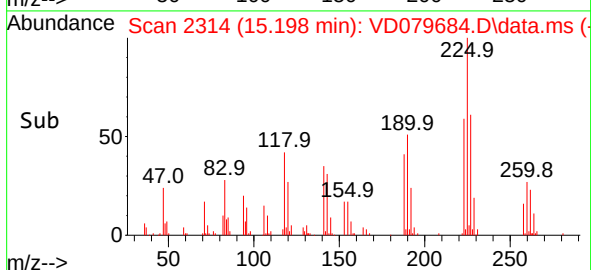
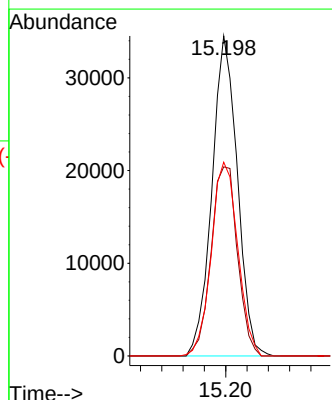
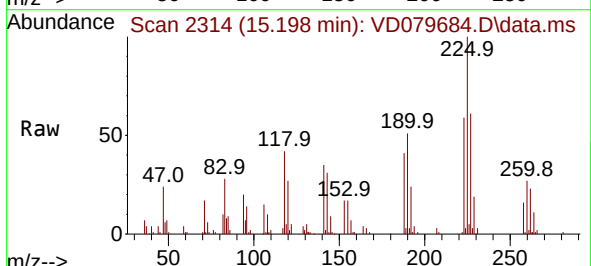
Tgt Ion:225 Resp: 57107

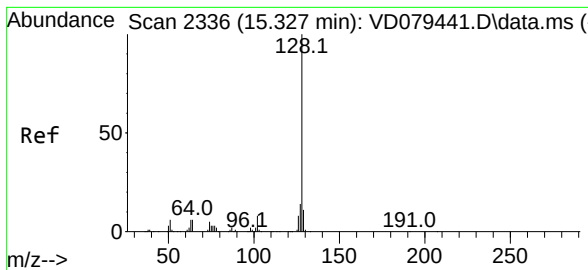
Ion Ratio Lower Upper

225 100

223 61.6 33.3 99.9

227 63.1 33.6 100.6

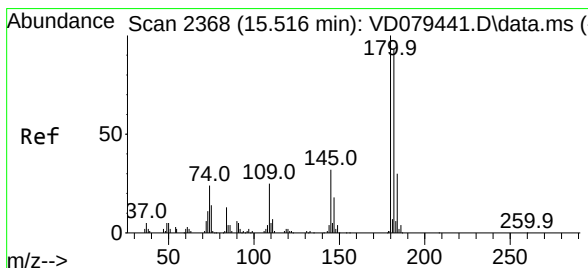
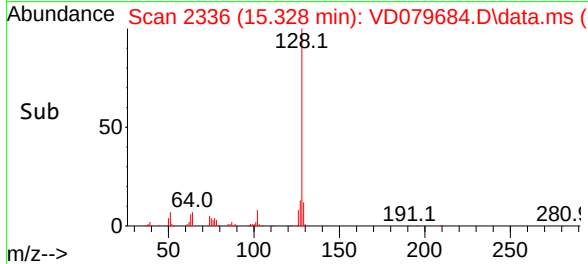
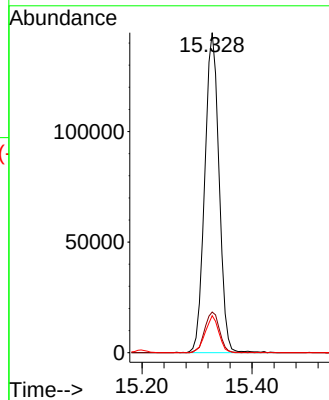
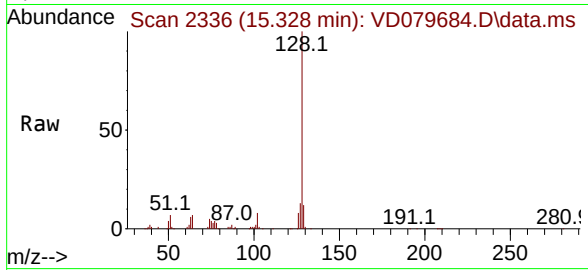




#95
Naphthalene
Concen: 48.169 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 261263
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 40.333 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD079684.D
Acq: 08 Aug 2024 23:05

Tgt Ion:180 Resp: 111180
Ion Ratio Lower Upper
180 100
182 93.3 47.8 143.3
145 30.8 16.1 48.2

