

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
 Data File : VD074255.D
 Acq On : 12 Sep 2022 14:21
 Operator : VA/SY
 Sample : MDL-01 2.5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01 2.5PPB

Quant Time: Sep 13 04:58:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 13 04:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	110609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	183490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.569	117	165285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	79633	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58628	51.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.980%	
35) Dibromofluoromethane	7.804	113	62894	47.144	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.280%	
50) Toluene-d8	10.263	98	239287	53.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.400%	
62) 4-Bromofluorobenzene	12.563	95	75815	40.711	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.420%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	2708	2.818	ug/l	97
3) Chloromethane	2.140	50	2578	3.118	ug/l	91
4) Vinyl Chloride	2.275	62	1895	2.690	ug/l #	78
5) Bromomethane	2.681	94	1602	4.319	ug/l #	81
6) Chloroethane	2.828	64	1310	3.123	ug/l	95
7) Trichlorofluoromethane	3.158	101	5702	2.910	ug/l	89
8) Diethyl Ether	3.587	74	1587	2.510	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.958	101	3759	2.981	ug/l	89
10) Methyl Iodide	4.163	142	2416	1.608	ug/l #	76
11) Tert butyl alcohol	5.063	59	1222	13.287	ug/l #	74
12) 1,1-Dichloroethene	3.922	96	3093	2.541	ug/l	95
13) Acrolein	3.793	56	1221	12.490	ug/l	99
14) Allyl chloride	4.546	41	5237	2.772	ug/l #	91
15) Acrylonitrile	5.252	53	3845	13.043	ug/l	99
16) Acetone	4.028	43	4187	17.988	ug/l	90
17) Carbon Disulfide	4.263	76	9068	2.583	ug/l #	87
18) Methyl Acetate	4.569	43	2643	3.394	ug/l #	82
19) Methyl tert-butyl Ether	5.322	73	7680	2.605	ug/l	99
20) Methylene Chloride	4.793	84	14731	8.180	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	3889	2.832	ug/l #	77
22) Diisopropyl ether	6.210	45	10536	2.628	ug/l #	96
23) Vinyl Acetate	6.152	43	14217	7.511	ug/l	94
24) 1,1-Dichloroethane	6.110	63	6409	2.588	ug/l #	88
25) 2-Butanone	7.081	43	6249	16.097	ug/l #	84
26) 2,2-Dichloropropane	7.069	77	5892	2.723	ug/l	86
27) cis-1,2-Dichloroethene	7.069	96	4373	2.787	ug/l	97
28) Bromochloromethane	7.416	49	2182	2.869	ug/l #	98
29) Tetrahydrofuran	7.446	42	3043	12.715	ug/l	96
30) Chloroform	7.587	83	6730	2.738	ug/l	92
31) Cyclohexane	7.869	56	8024	3.443	ug/l #	71
32) 1,1,1-Trichloroethane	7.781	97	5613	2.603	ug/l	97
36) 1,1-Dichloropropene	7.999	75	5197	2.617	ug/l	96
37) Ethyl Acetate	7.169	43	2374	2.756	ug/l #	67
38) Carbon Tetrachloride	7.987	117	4220	2.349	ug/l	99
39) Methylcyclohexane	9.269	83	6472	2.633	ug/l	92
40) Benzene	8.246	78	15159	2.758	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
 Data File : VD074255.D
 Acq On : 12 Sep 2022 14:21
 Operator : VA/SY
 Sample : MDL-01 2.5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01 2.5PPB

Quant Time: Sep 13 04:58:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 13 04:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	1340	2.793	ug/l #	64
42) 1,2-Dichloroethane	8.322	62	3911	2.693	ug/l	79
43) Isopropyl Acetate	8.363	43	4194	2.521	ug/l #	74
44) Trichloroethene	9.022	130	3943	2.584	ug/l	100
45) 1,2-Dichloropropane	9.293	63	3711	2.598	ug/l #	81
46) Dibromomethane	9.393	93	1837	2.477	ug/l	91
47) Bromodichloromethane	9.575	83	4885	2.618	ug/l	97
48) Methyl methacrylate	9.375	41	1944	2.474	ug/l	88
49) 1,4-Dioxane	9.381	88	296	33.702	ug/l #	42
51) 4-Methyl-2-Pentanone	10.151	43	11162	13.275	ug/l	99
52) Toluene	10.328	92	9200	2.610	ug/l	98
53) t-1,3-Dichloropropene	10.545	75	3905	2.220	ug/l	98
54) cis-1,3-Dichloropropene	10.010	75	5078	2.343	ug/l	91
55) 1,1,2-Trichloroethane	10.734	97	2580	2.516	ug/l #	87
56) Ethyl methacrylate	10.587	69	3262	2.395	ug/l	96
57) 1,3-Dichloropropane	10.875	76	4980	2.752	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.863	63	3565	12.552	ug/l	100
59) 2-Hexanone	10.910	43	7478	13.097	ug/l	97
60) Dibromochloromethane	11.069	129	3209	2.570	ug/l	95
61) 1,2-Dibromoethane	11.169	107	2442	2.503	ug/l	92
64) Tetrachloroethene	10.804	164	3606	2.853	ug/l	97
65) Chlorobenzene	11.598	112	10181	2.740	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.675	131	3136	2.356	ug/l	88
67) Ethyl Benzene	11.675	91	18321	2.640	ug/l	96
68) m/p-Xylenes	11.787	106	13740	5.216	ug/l	99
69) o-Xylene	12.116	106	6499	2.610	ug/l	99
70) Styrene	12.122	104	10865	2.617	ug/l	97
71) Bromoform	12.287	173	1761	2.377	ug/l #	89
73) Isopropylbenzene	12.410	105	17590	2.611	ug/l	99
74) N-amyl acetate	12.222	43	4128	2.602	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.663	83	3113	2.538	ug/l	98
76) 1,2,3-Trichloropropane	12.710	75	3761	4.607	ug/l #	100
77) Bromobenzene	12.687	156	3959	2.678	ug/l	96
78) n-propylbenzene	12.751	91	20657	2.500	ug/l	98
79) 2-Chlorotoluene	12.834	91	12158	2.720	ug/l	96
80) 1,3,5-Trimethylbenzene	12.892	105	14702	2.634	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.563	75	39148	118.235	ug/l #	100
82) 4-Chlorotoluene	12.934	91	11956	2.628	ug/l	96
83) tert-Butylbenzene	13.157	119	12137	2.484	ug/l	97
84) 1,2,4-Trimethylbenzene	13.198	105	14311	2.641	ug/l	99
85) sec-Butylbenzene	13.328	105	20220	2.732	ug/l	99
86) p-Isopropyltoluene	13.445	119	15491	2.563	ug/l	99
87) 1,3-Dichlorobenzene	13.445	146	8204	2.721	ug/l	93
88) 1,4-Dichlorobenzene	13.522	146	8390	2.829	ug/l	91
89) n-Butylbenzene	13.775	91	15811	2.677	ug/l	98
90) Hexachloroethane	14.039	117	2868	2.593	ug/l	99
91) 1,2-Dichlorobenzene	13.816	146	6892	2.628	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.422	75	332	1.926	ug/l	90
93) 1,2,4-Trichlorobenzene	15.086	180	4844	2.672	ug/l	94
94) Hexachlorobutadiene	15.186	225	2906	2.805	ug/l	95
95) Naphthalene	15.316	128	9564	2.824	ug/l	95
96) 1,2,3-Trichlorobenzene	15.504	180	4251	2.732	ug/l	96

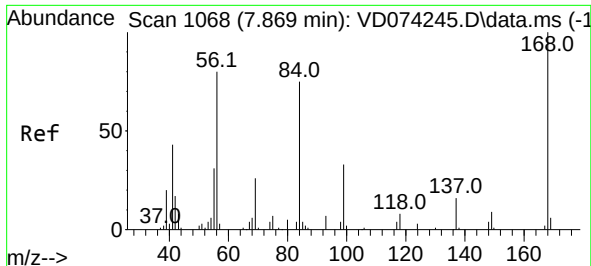
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
Data File : VD074255.D
Acq On : 12 Sep 2022 14:21
Operator : VA/SY
Sample : MDL-01 2.5PPB
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

Quant Time: Sep 13 04:58:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 13 04:57:54 2022
Response via : Initial Calibration

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

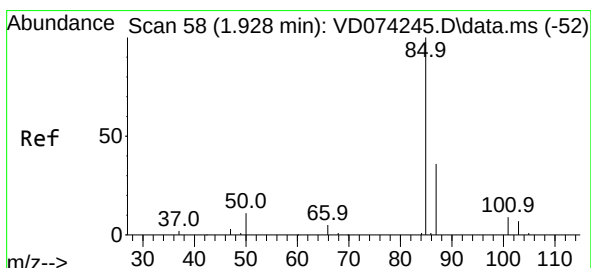
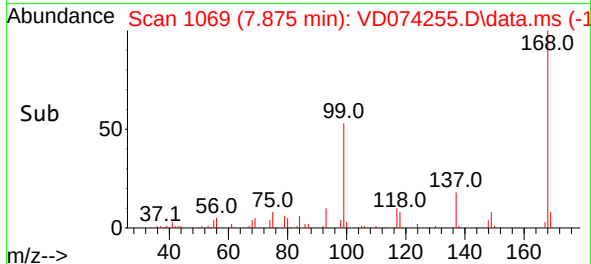
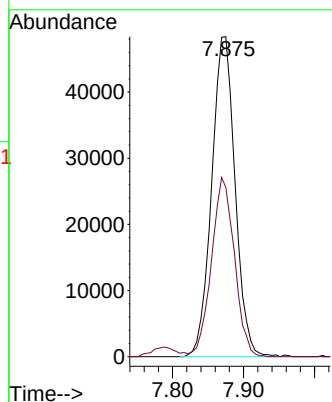
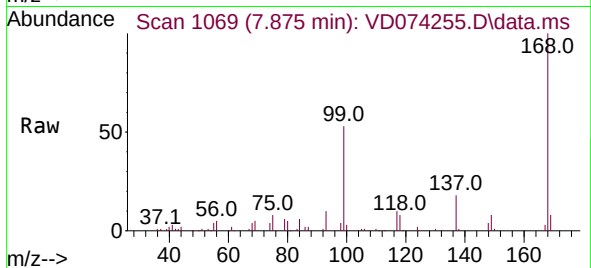
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

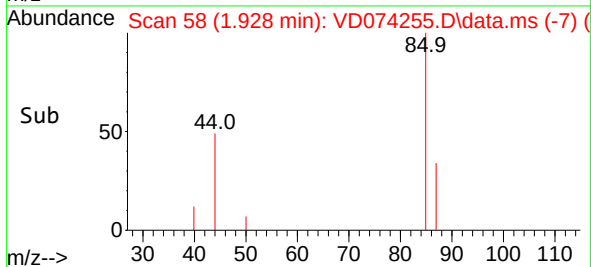
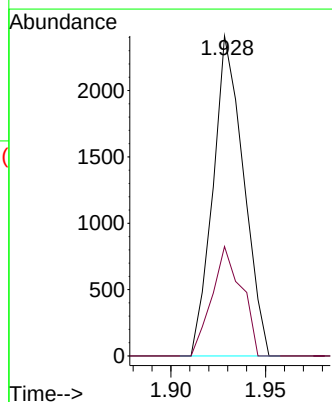
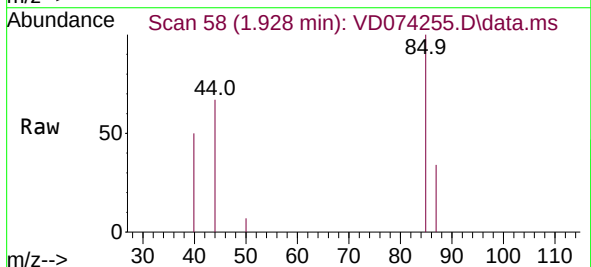
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

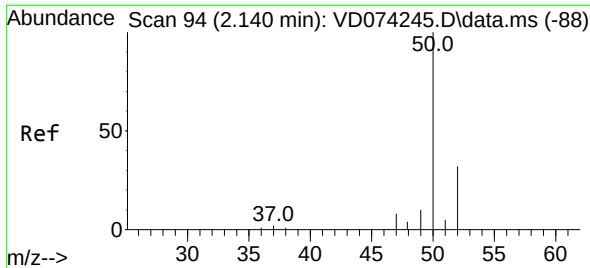
Tgt Ion:168 Resp: 110609
Ion Ratio Lower Upper
168 100
99 53.0 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 2.818 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 85 Resp: 2708
Ion Ratio Lower Upper
85 100
87 34.2 17.9 53.7

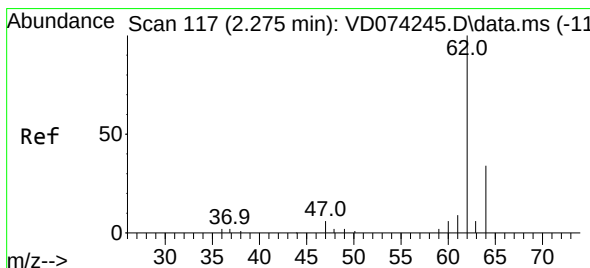
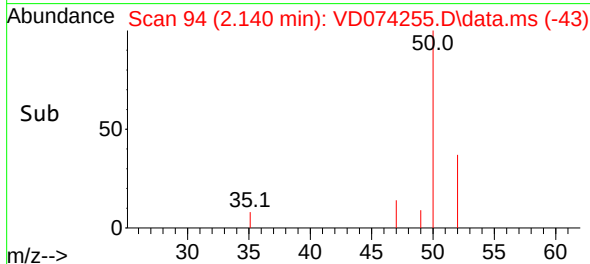
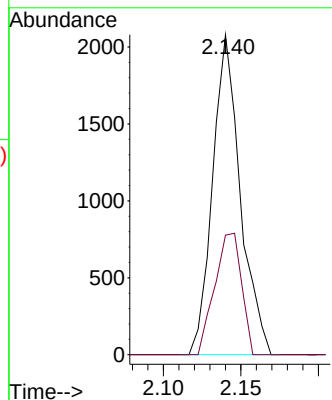
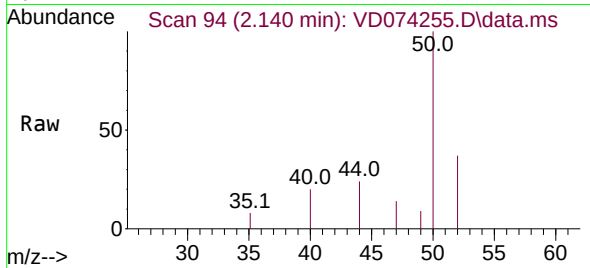




#3
Chloromethane
Concen: 3.118 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

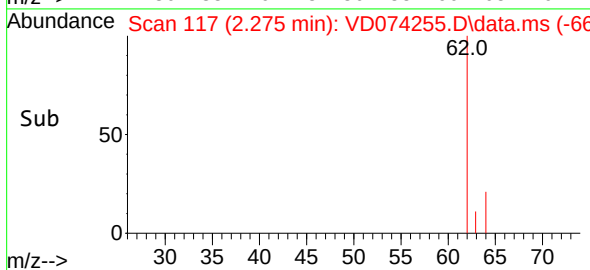
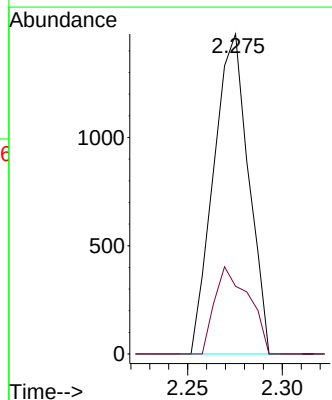
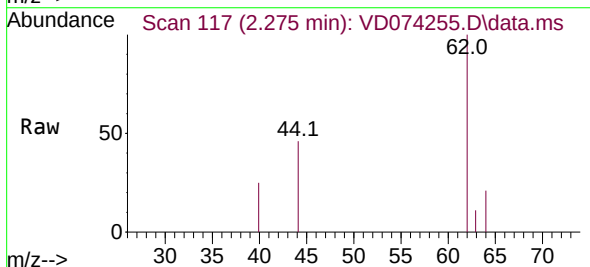
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

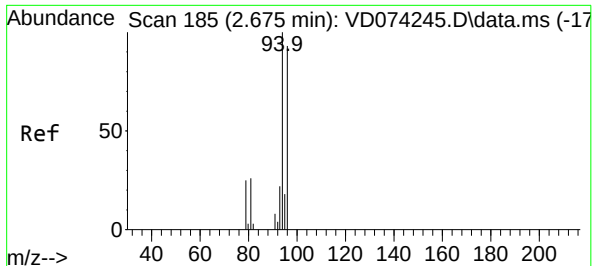
Tgt Ion: 50 Resp: 2578
Ion Ratio Lower Upper
50 100
52 37.4 25.8 38.8



#4
Vinyl Chloride
Concen: 2.690 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 62 Resp: 1895
Ion Ratio Lower Upper
62 100
64 21.2 27.0 40.4#

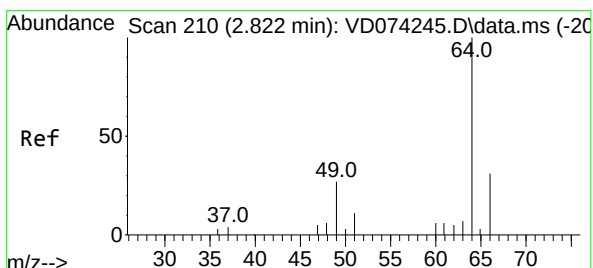
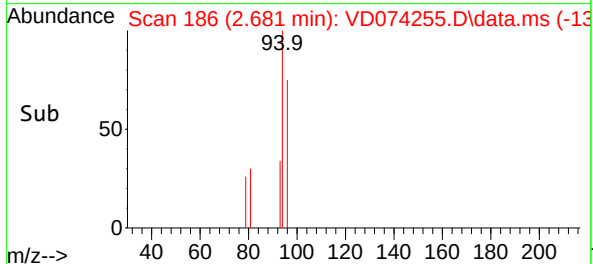
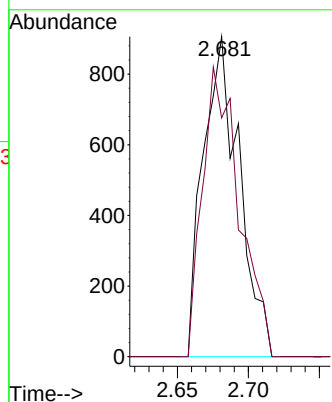
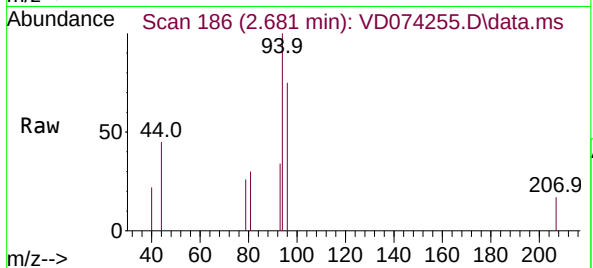




#5
Bromomethane
Concen: 4.319 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

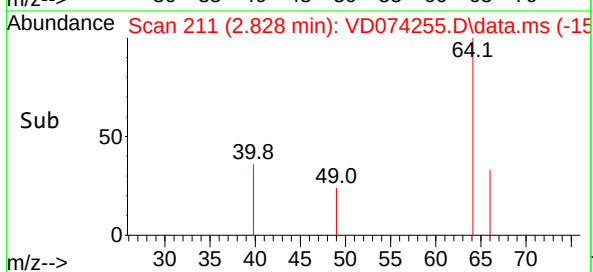
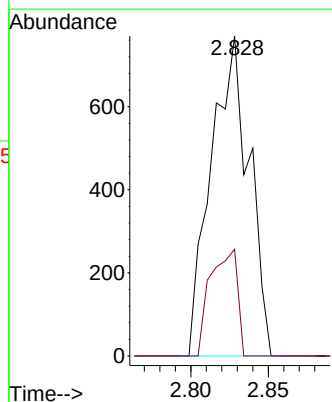
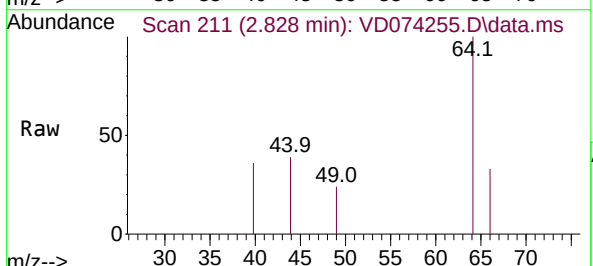
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

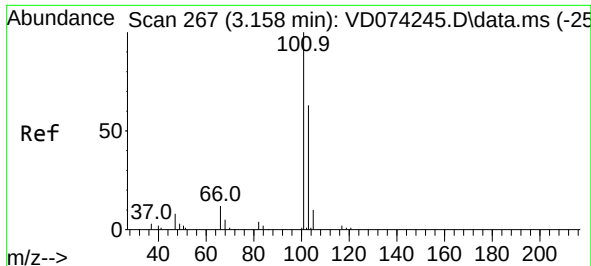
Tgt Ion: 94 Resp: 1602
Ion Ratio Lower Upper
94 100
96 74.6 74.6 112.0#



#6
Chloroethane
Concen: 3.123 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 64 Resp: 1310
Ion Ratio Lower Upper
64 100
66 33.4 24.6 36.8

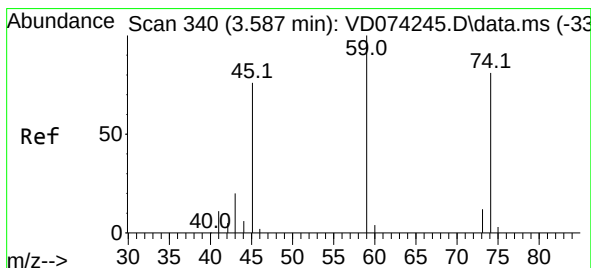
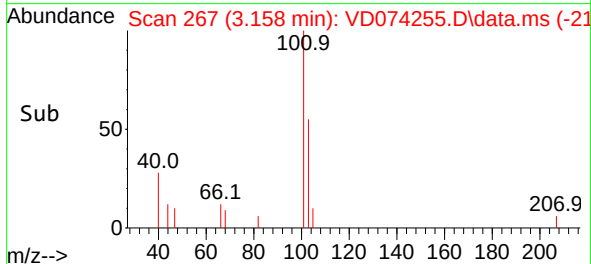
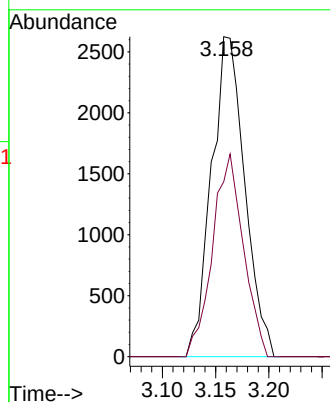
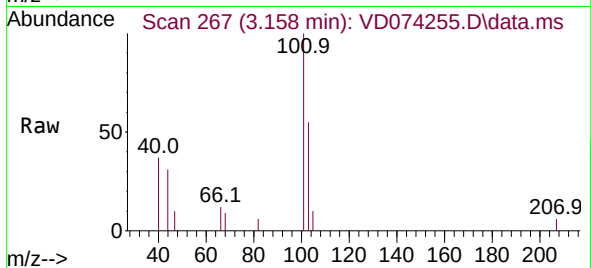




#7
 Trichlorofluoromethane
 Concen: 2.910 ug/l
 RT: 3.158 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VD074255.D
 Acq: 12 Sep 2022 14:21

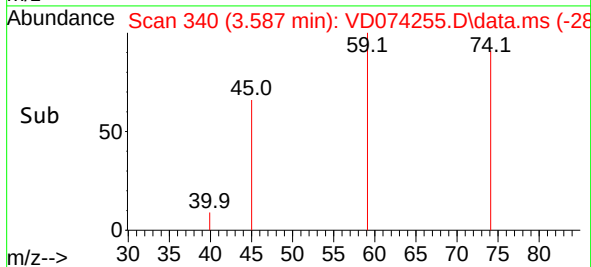
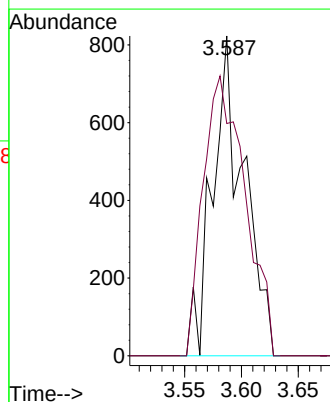
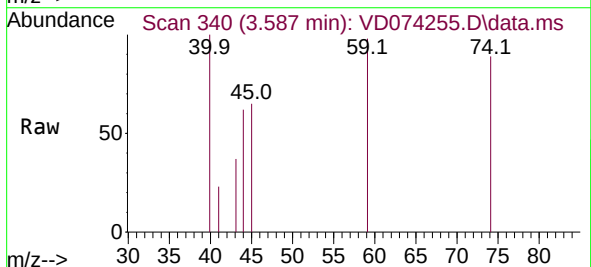
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01 2.5PPB

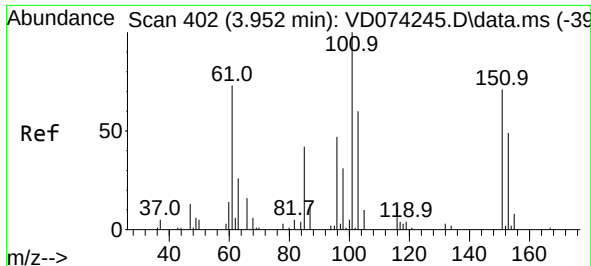
Tgt Ion:101 Resp: 5702
 Ion Ratio Lower Upper
 101 100
 103 54.6 50.6 76.0



#8
 Diethyl Ether
 Concen: 2.510 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VD074255.D
 Acq: 12 Sep 2022 14:21

Tgt Ion: 74 Resp: 1587
 Ion Ratio Lower Upper
 74 100
 45 116.4 47.9 143.6

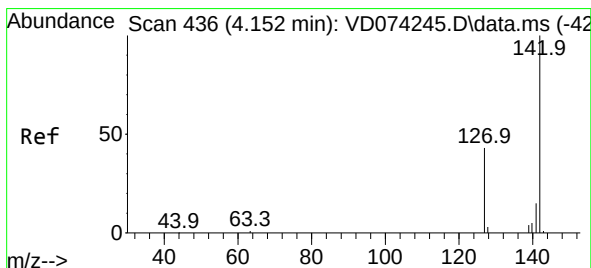
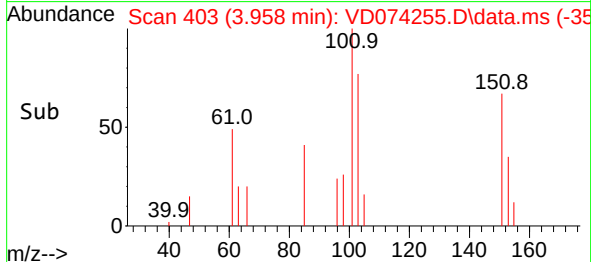
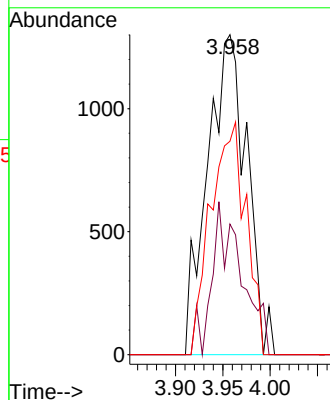
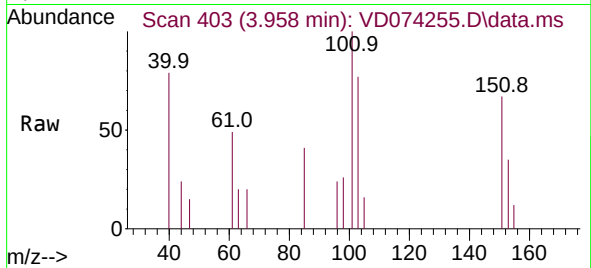




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.981 ug/l
RT: 3.958 min Scan# 402
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

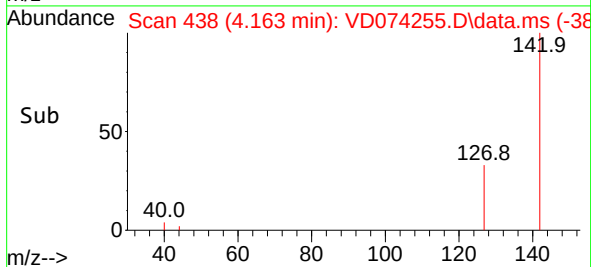
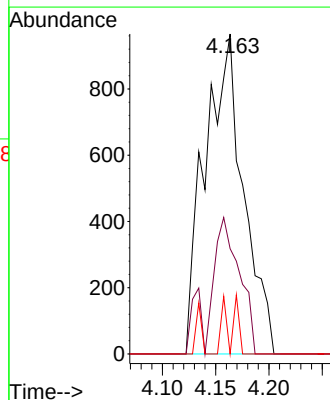
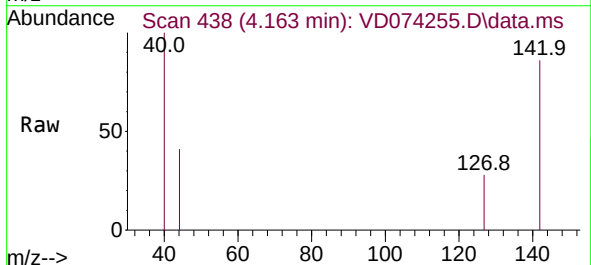
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

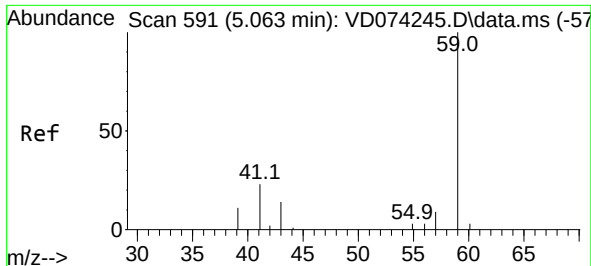
Tgt Ion:101 Resp: 3759
Ion Ratio Lower Upper
101 100
85 36.2 35.0 52.4
151 65.3 59.7 89.5



#10
Methyl Iodide
Concen: 1.608 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.012 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion:142 Resp: 2416
Ion Ratio Lower Upper
142 100
127 28.0 34.6 51.8#
141 5.1 11.7 17.5#

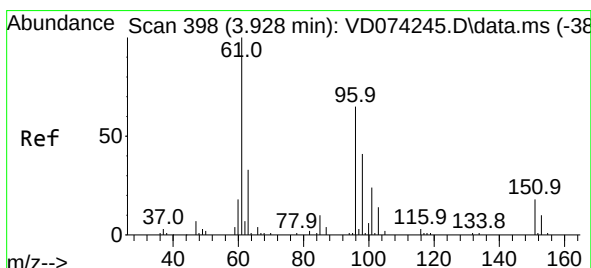
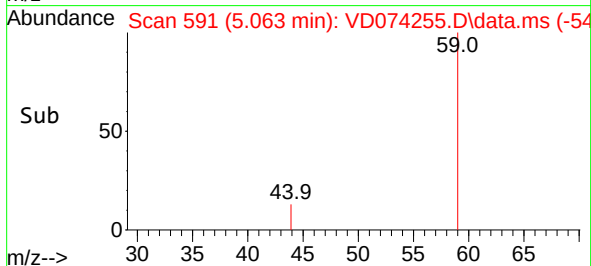
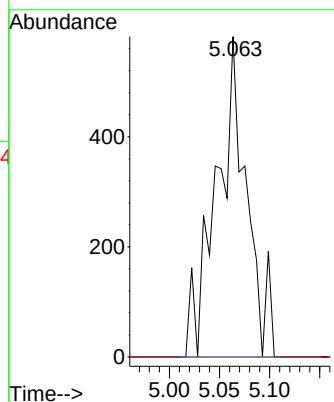
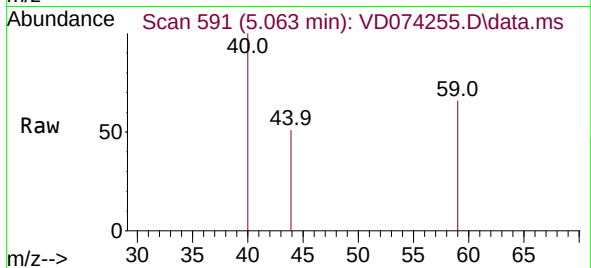




#11
Tert butyl alcohol
Concen: 13.287 ug/l
RT: 5.063 min Scan# 591
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

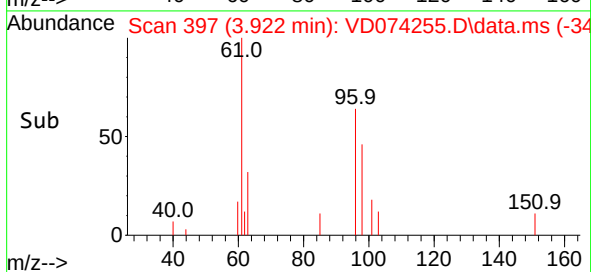
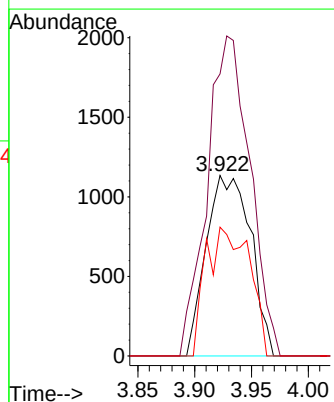
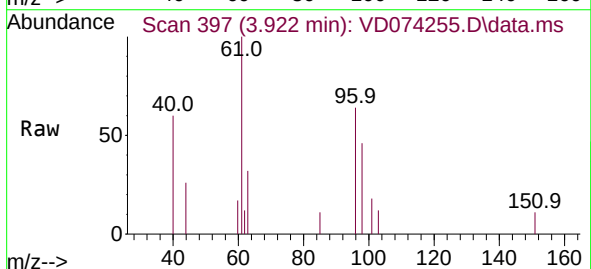
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

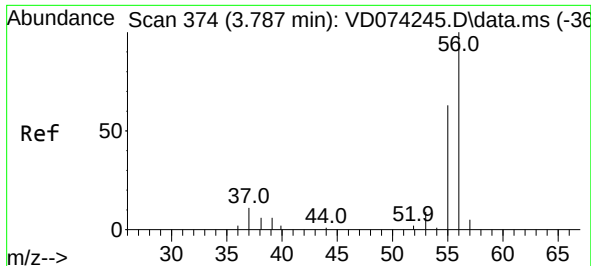
Tgt Ion: 59 Resp: 1222
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 2.541 ug/l
RT: 3.922 min Scan# 397
Delta R.T. -0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 96 Resp: 3093
Ion Ratio Lower Upper
96 100
61 156.3 122.3 183.5
98 71.4 50.7 76.1

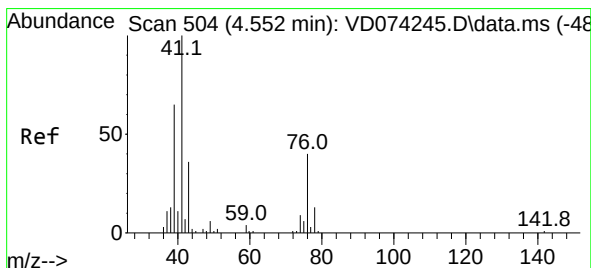
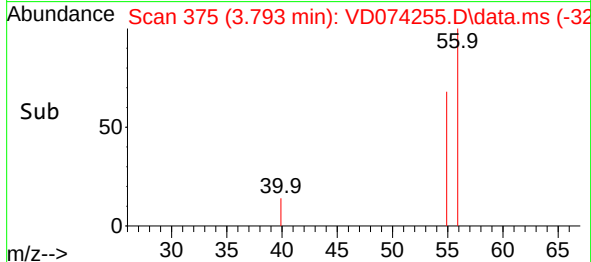
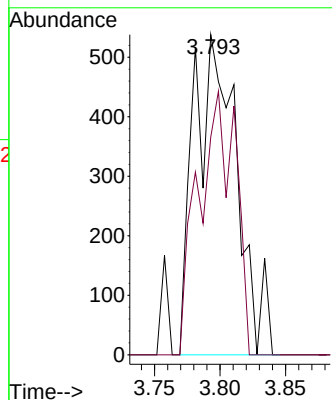
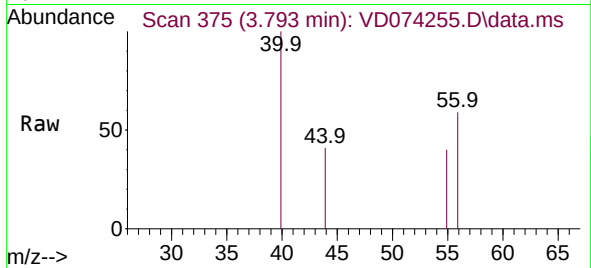




#13
Acrolein
Concen: 12.490 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

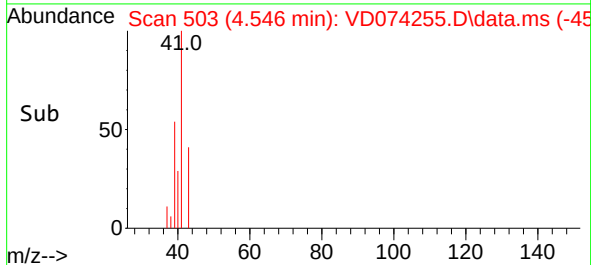
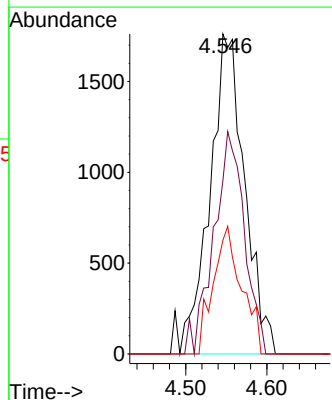
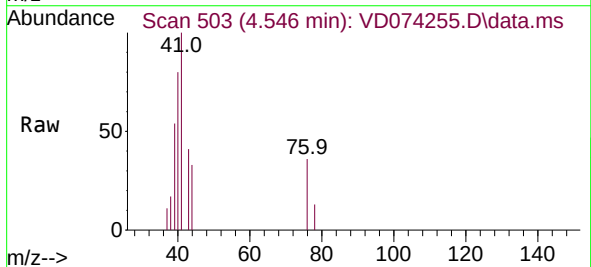
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

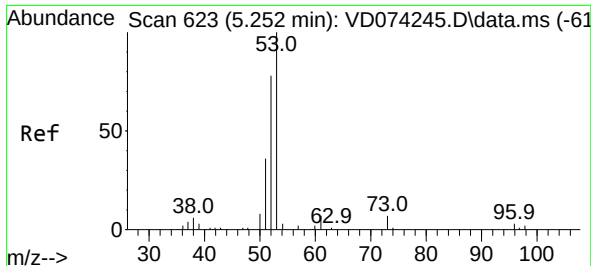
Tgt Ion: 56 Resp: 1221
Ion Ratio Lower Upper
56 100
55 71.3 57.4 86.2



#14
Allyl chloride
Concen: 2.772 ug/l
RT: 4.546 min Scan# 503
Delta R.T. -0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 41 Resp: 5237
Ion Ratio Lower Upper
41 100
39 61.5 52.8 79.2
76 32.7 32.9 49.3





#15

Acrylonitrile

Concen: 13.043 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD074255.D

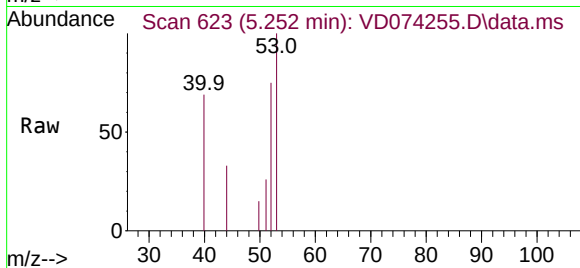
Acq: 12 Sep 2022 14:21

Instrument :

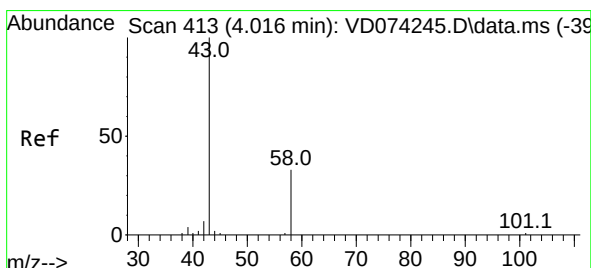
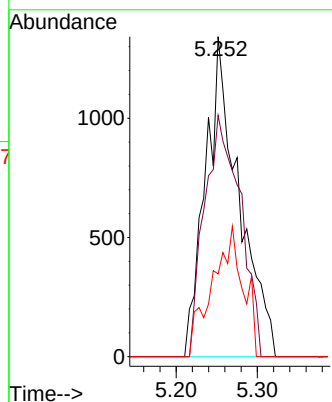
MSVOA_D

ClientSampleId :

MDL01 2.5PPB



Tgt Ion:	53	Resp:	3845
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.3	97.9
51	37.4	29.0	43.6



#16

Acetone

Concen: 17.988 ug/l

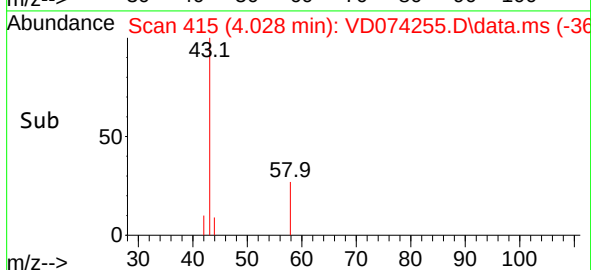
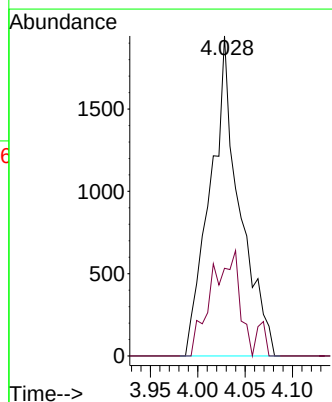
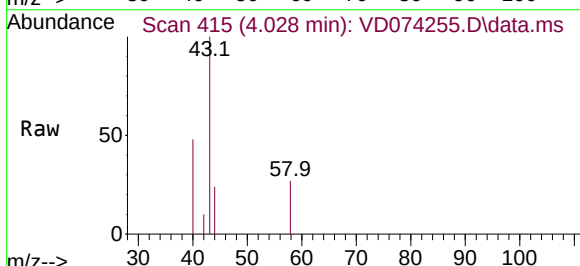
RT: 4.028 min Scan# 415

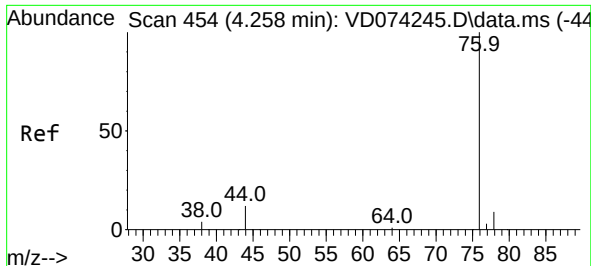
Delta R.T. 0.012 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Tgt Ion:	43	Resp:	4187
Ion	Ratio	Lower	Upper
43	100		
58	27.4	26.4	39.6





#17

Carbon Disulfide

Concen: 2.583 ug/l

RT: 4.263 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

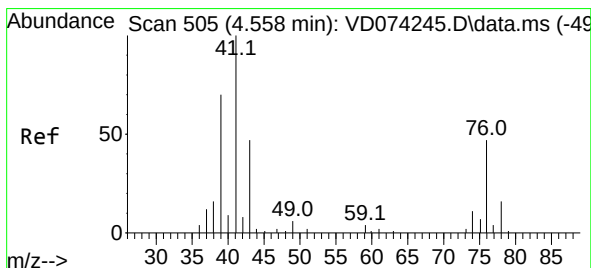
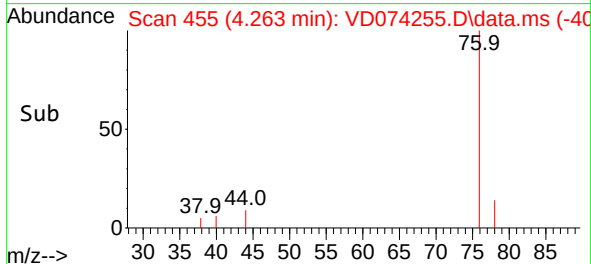
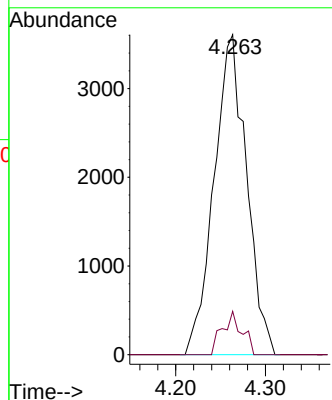
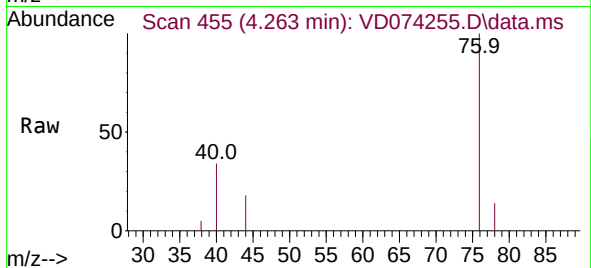
MDL01 2.5PPB

Tgt Ion: 76 Resp: 9068

Ion Ratio Lower Upper

76 100

78 13.6 7.2 10.8#



#18

Methyl Acetate

Concen: 3.394 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.012 min

Lab File: VD074255.D

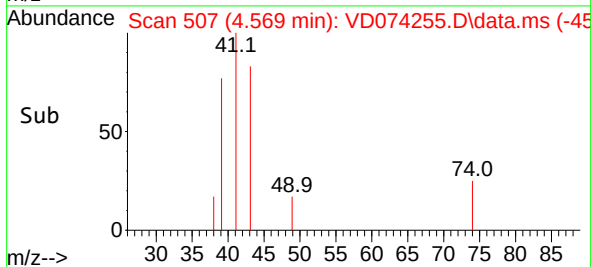
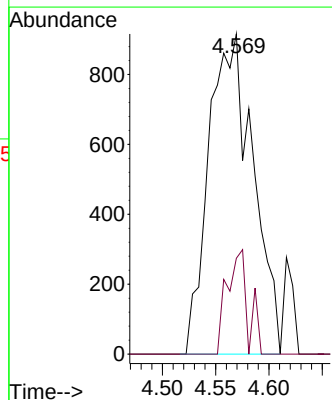
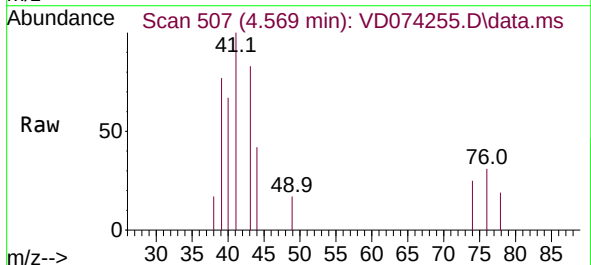
Acq: 12 Sep 2022 14:21

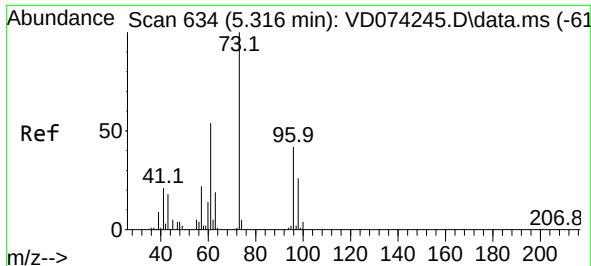
Tgt Ion: 43 Resp: 2643

Ion Ratio Lower Upper

43 100

74 15.4 19.3 28.9#





#19

Methyl tert-butyl Ether

Concen: 2.605 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

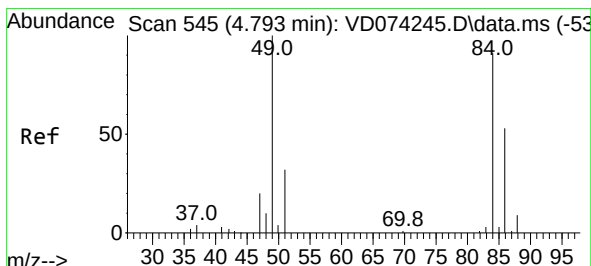
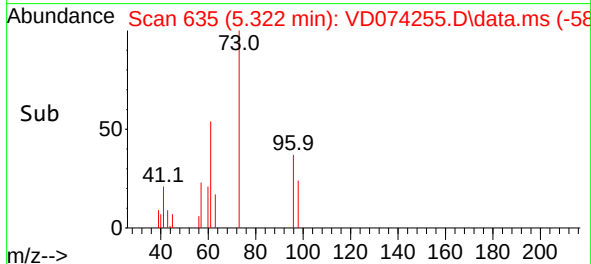
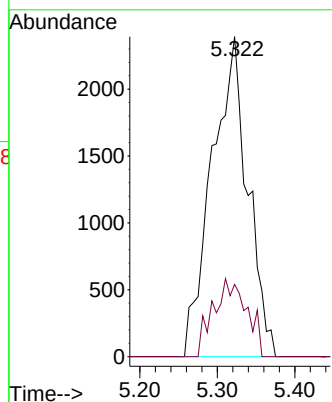
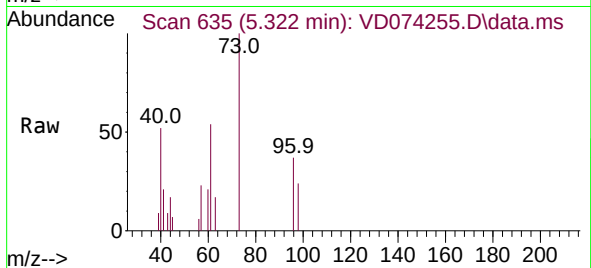
MDL01 2.5PPB

Tgt Ion: 73 Resp: 7680

Ion Ratio Lower Upper

73 100

57 22.6 17.8 26.6



#20

Methylene Chloride

Concen: 8.180 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.000 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Tgt Ion: 84 Resp: 14731

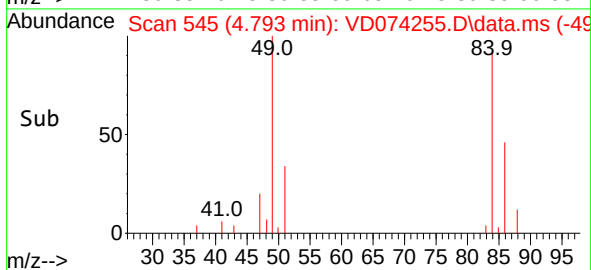
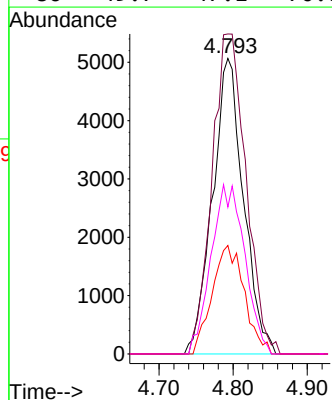
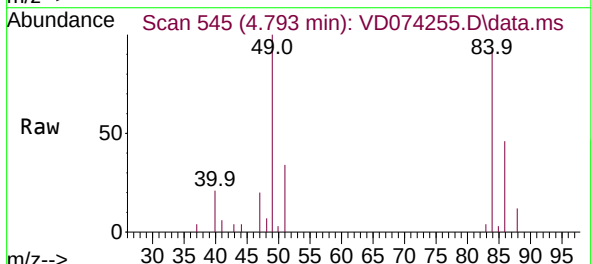
Ion Ratio Lower Upper

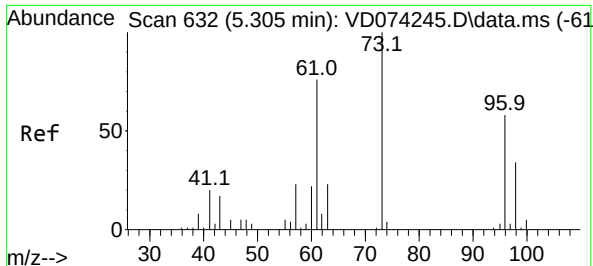
84 100

49 108.3 88.4 132.6

51 36.7 28.0 42.0

86 49.7 47.1 70.7

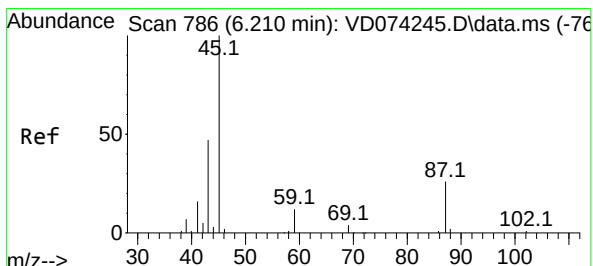
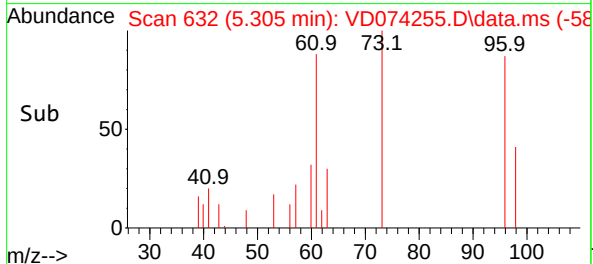
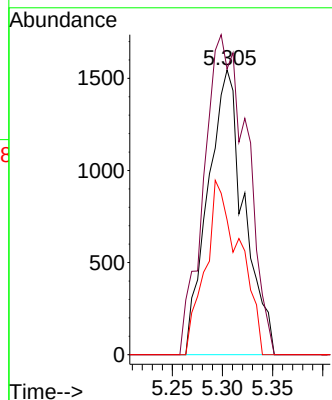
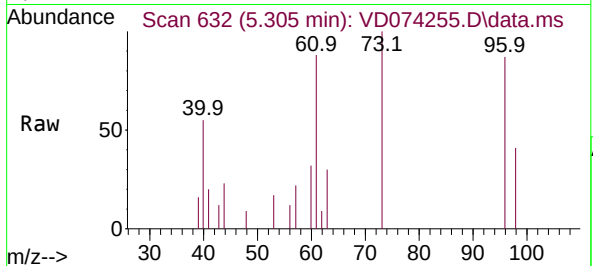




#21
trans-1,2-Dichloroethene
Concen: 2.832 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

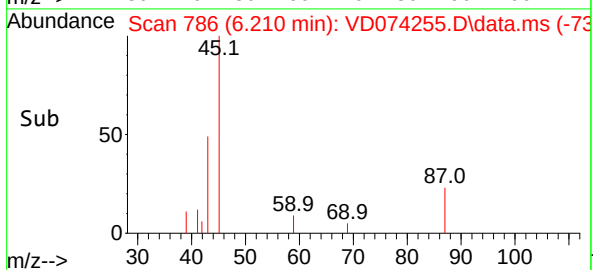
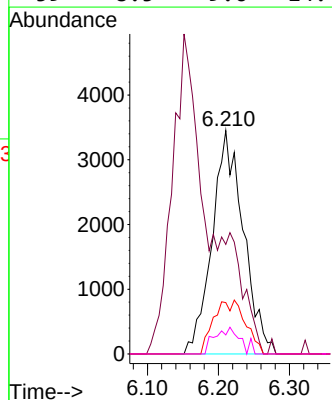
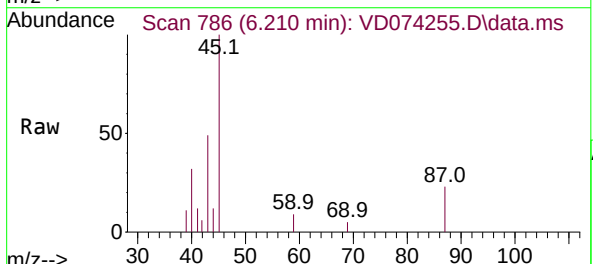
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

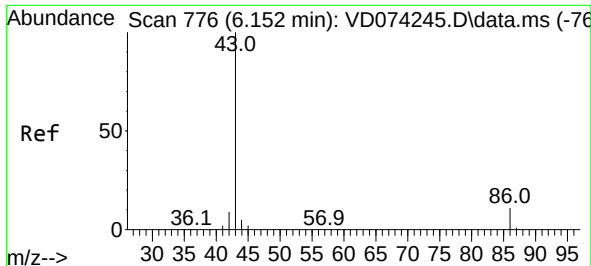
Tgt Ion: 96 Resp: 3889
Ion Ratio Lower Upper
96 100
61 100.3 105.1 157.7#
98 47.3 47.4 71.2#



#22
Diisopropyl ether
Concen: 2.628 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 45 Resp: 10536
Ion Ratio Lower Upper
45 100
43 49.1 38.9 58.3
87 23.0 21.0 31.4
59 8.5 9.6 14.4#

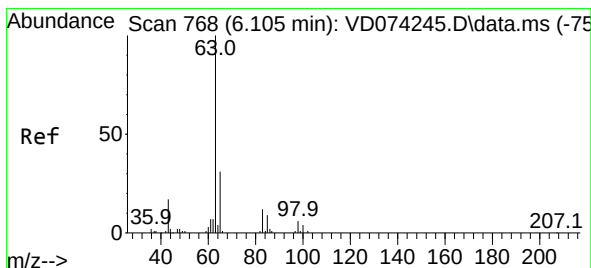
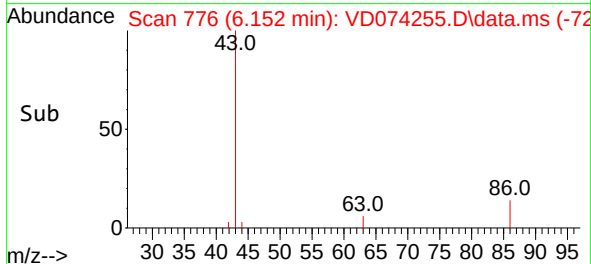
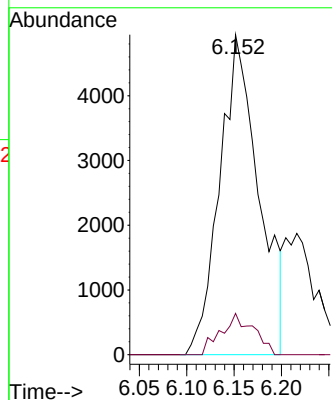
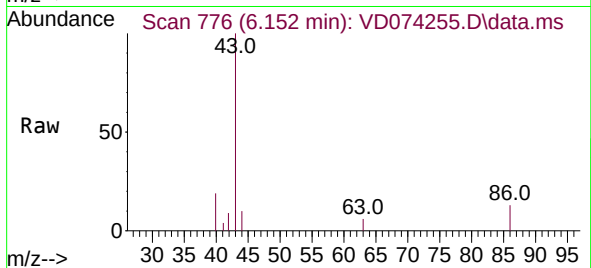




#23
 Vinyl Acetate
 Concen: 7.511 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD074255.D
 Acq: 12 Sep 2022 14:21

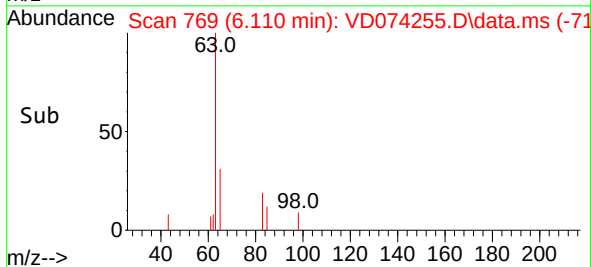
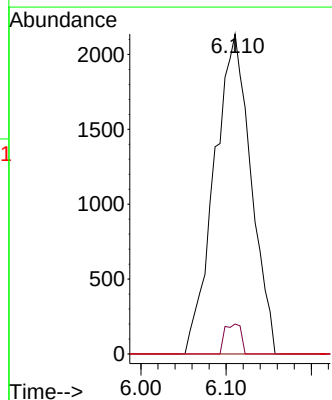
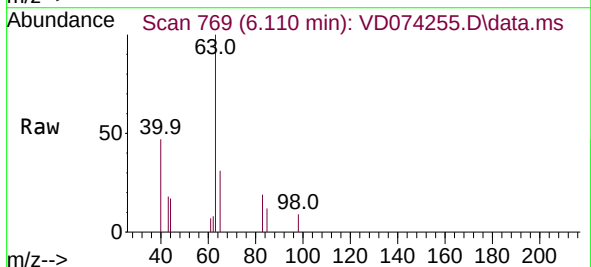
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01 2.5PPB

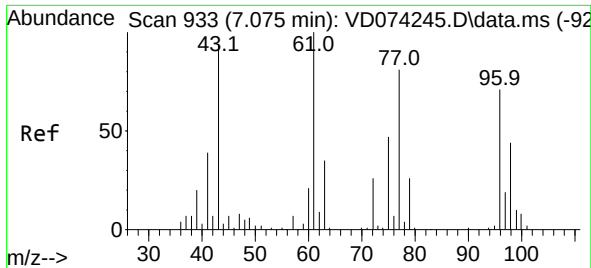
Tgt Ion: 43 Resp: 14217
 Ion Ratio Lower Upper
 43 100
 86 12.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 2.588 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD074255.D
 Acq: 12 Sep 2022 14:21

Tgt Ion: 63 Resp: 6409
 Ion Ratio Lower Upper
 63 100
 98 9.4 2.8 8.4#
 100 0.0 2.2 6.6#

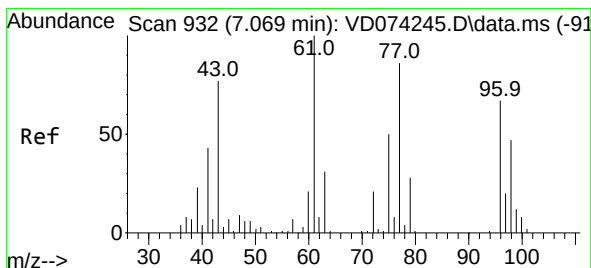
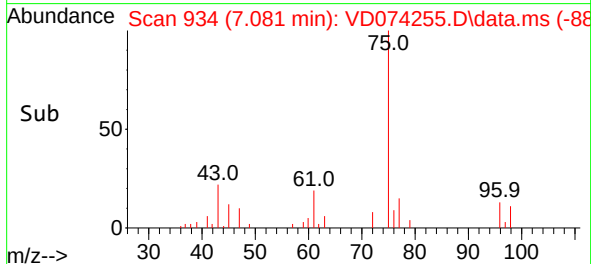
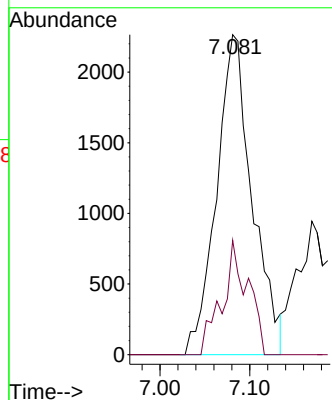
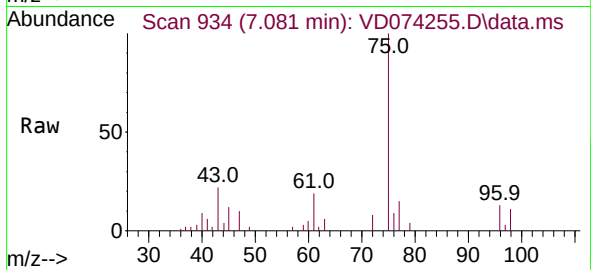




#25
2-Butanone
Concen: 16.097 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

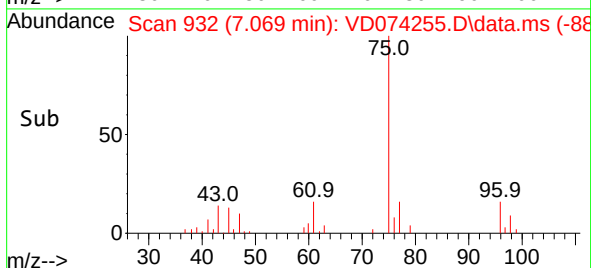
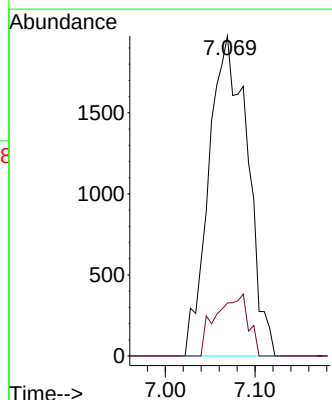
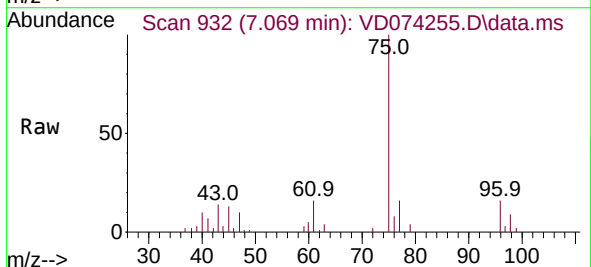
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

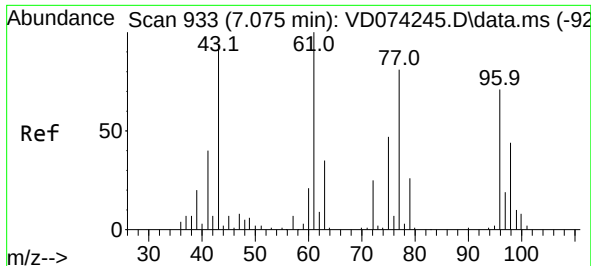
Tgt Ion: 43 Resp: 6249
Ion Ratio Lower Upper
43 100
72 35.8 21.8 32.6#



#26
2,2-Dichloropropane
Concen: 2.723 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 77 Resp: 5892
Ion Ratio Lower Upper
77 100
97 16.3 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 2.787 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

MDL01 2.5PPB

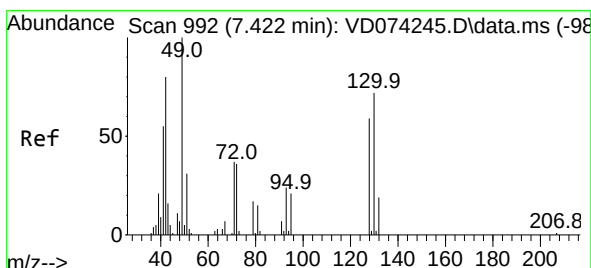
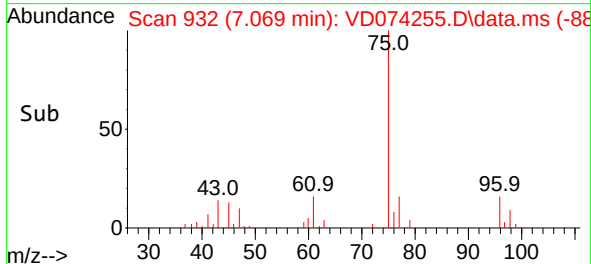
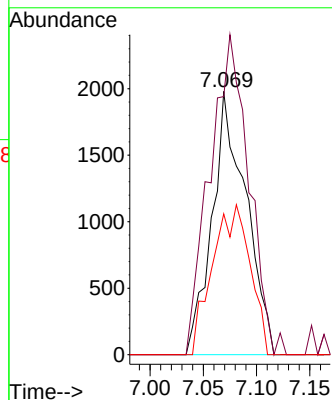
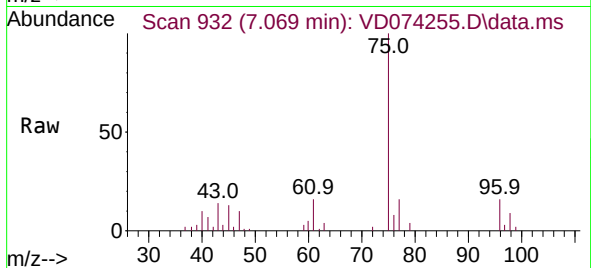
Tgt Ion: 96 Resp: 4373

Ion Ratio Lower Upper

96 100

61 140.1 0.0 289.4

98 63.5 0.0 130.2



#28

Bromochloromethane

Concen: 2.869 ug/l

RT: 7.416 min Scan# 991

Delta R.T. -0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

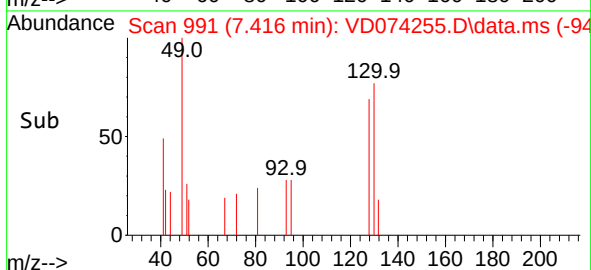
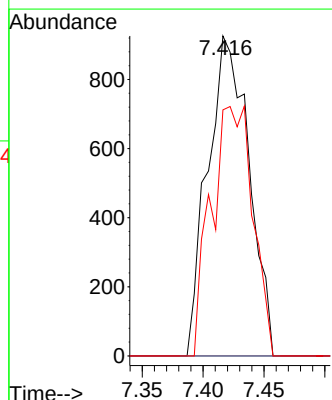
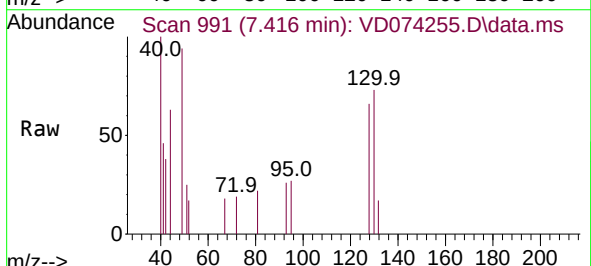
Tgt Ion: 49 Resp: 2182

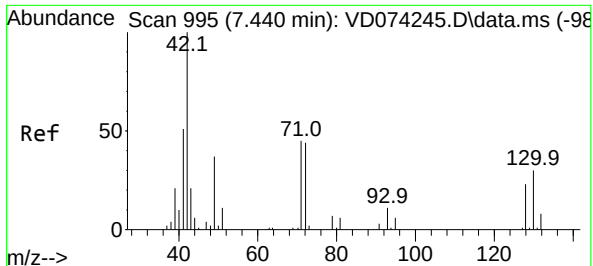
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 79.0 62.2 93.2





#29

Tetrahydrofuran

Concen: 12.715 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

MDL01 2.5PPB

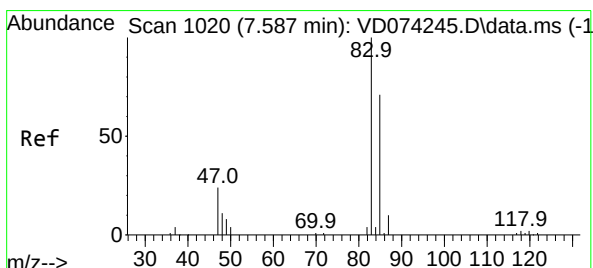
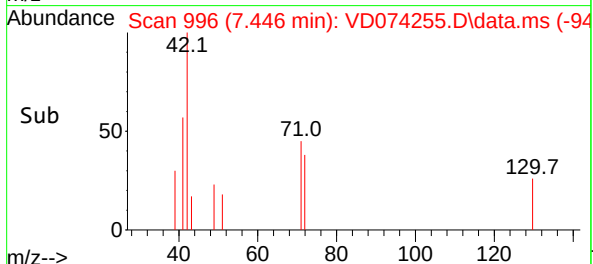
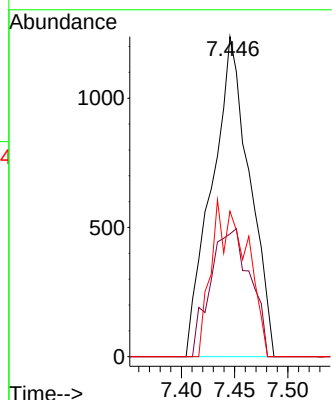
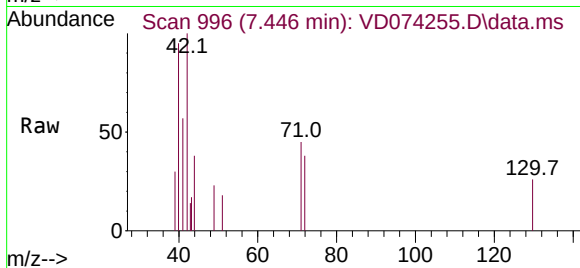
Tgt Ion: 42 Resp: 3043

Ion Ratio Lower Upper

42 100

72 42.5 36.1 54.1

71 45.4 34.1 51.1



#30

Chloroform

Concen: 2.738 ug/l

RT: 7.587 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD074255.D

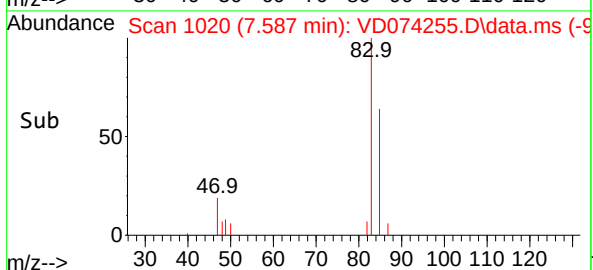
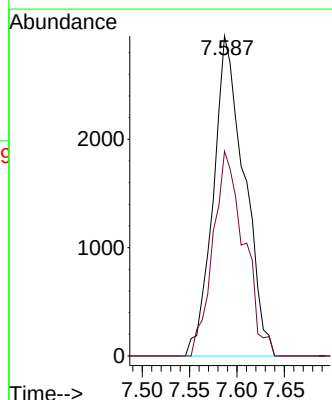
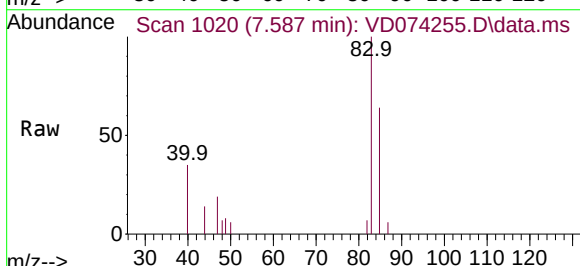
Acq: 12 Sep 2022 14:21

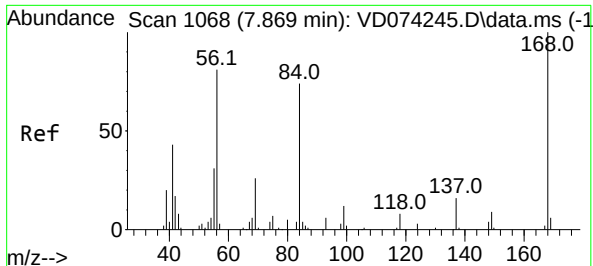
Tgt Ion: 83 Resp: 6730

Ion Ratio Lower Upper

83 100

85 64.0 56.7 85.1

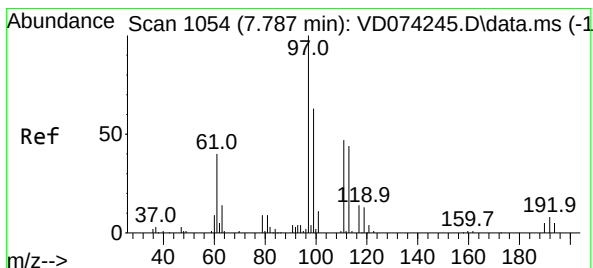
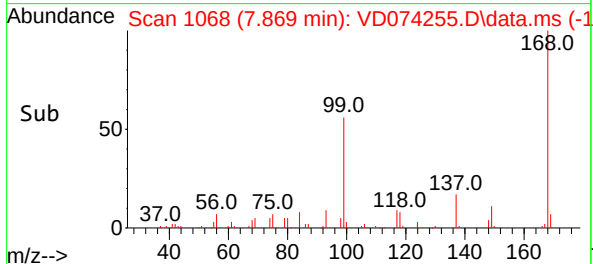
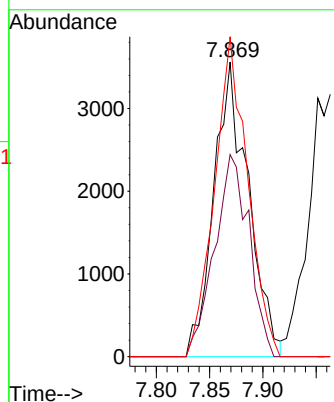
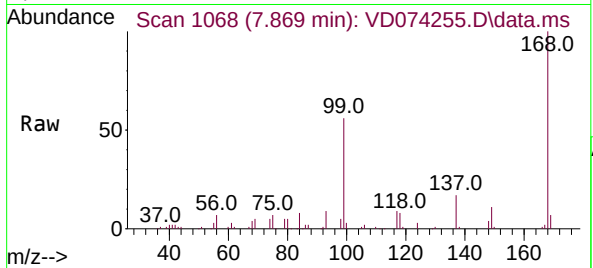




#31
Cyclohexane
Concen: 3.443 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

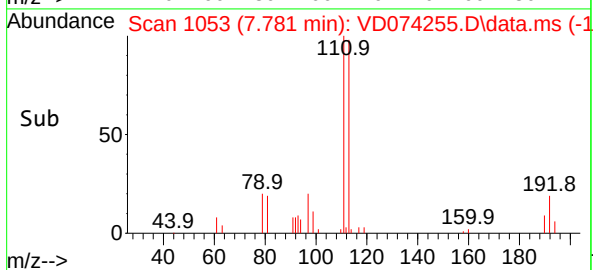
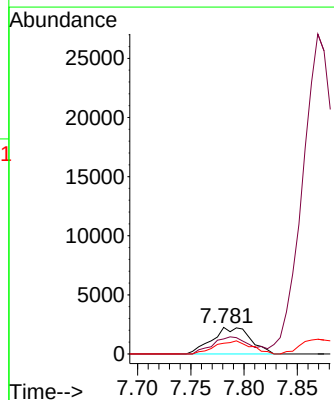
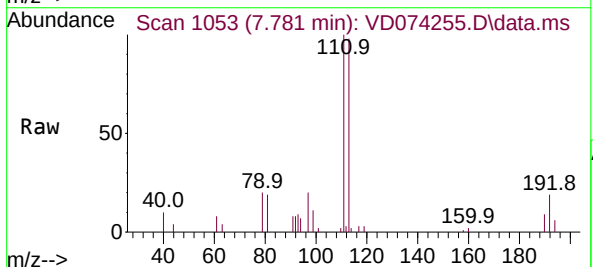
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

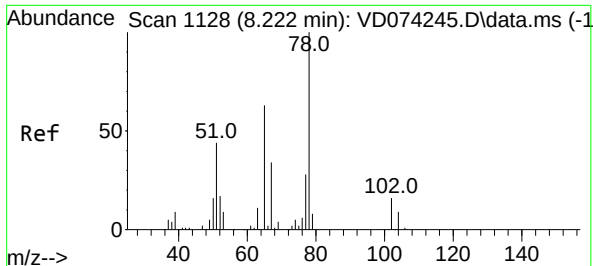
Tgt Ion: 56 Resp: 8024
Ion Ratio Lower Upper
56 100
69 68.5 25.7 38.5#
84 108.6 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 2.603 ug/l
RT: 7.781 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 97 Resp: 5613
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 45.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.990 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

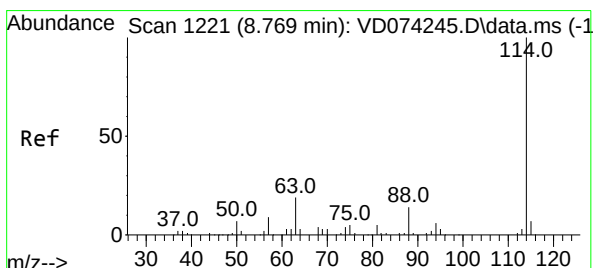
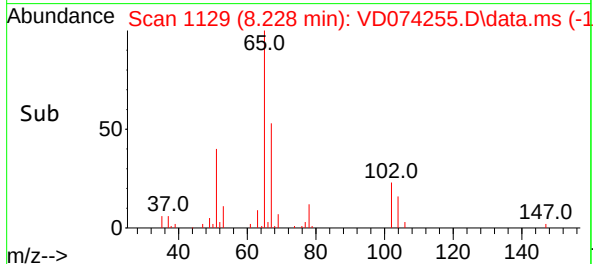
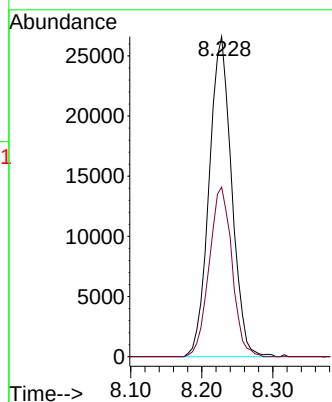
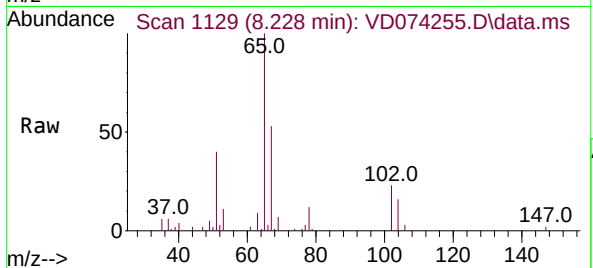
MDL01 2.5PPB

Tgt Ion: 65 Resp: 58628

Ion Ratio Lower Upper

65 100

67 53.5 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

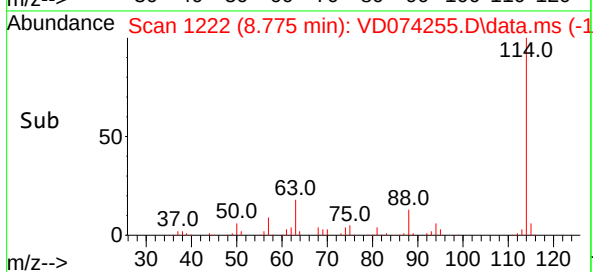
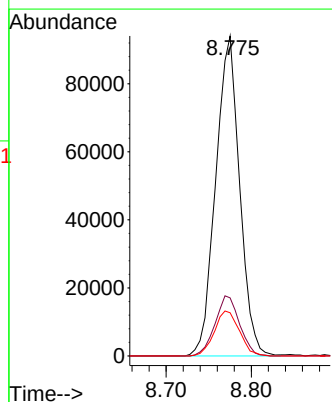
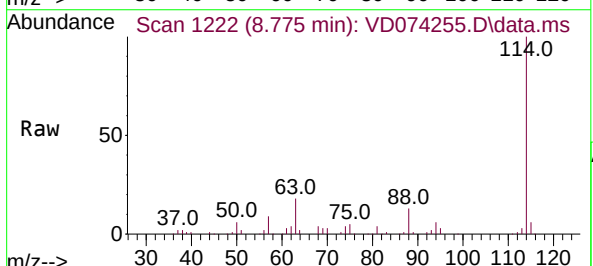
Tgt Ion: 114 Resp: 183490

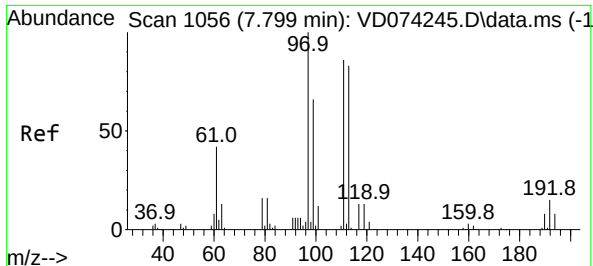
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.6

88 13.5 0.0 28.4





#35

Dibromofluoromethane

Concen: 47.144 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

MDL01 2.5PPB

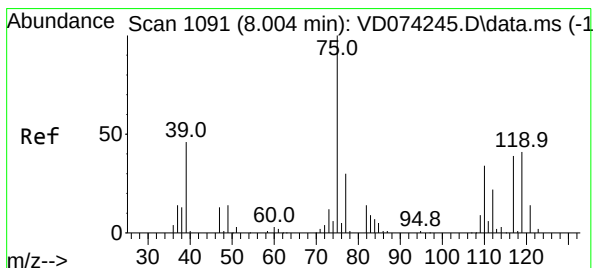
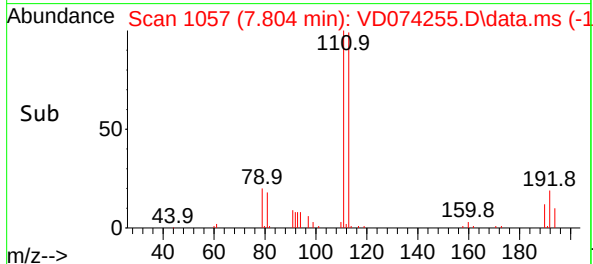
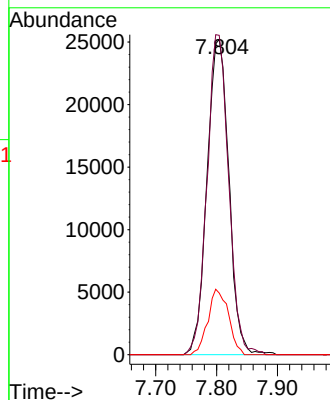
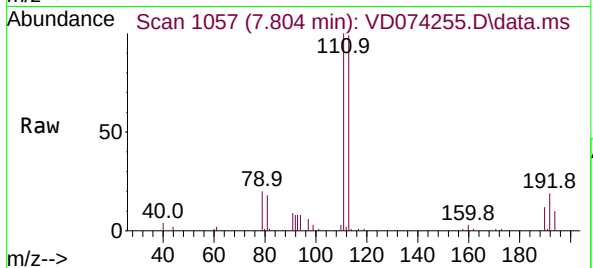
Tgt Ion:113 Resp: 62894

Ion Ratio Lower Upper

113 100

111 100.3 83.0 124.6

192 19.5 16.2 24.2



#36

1,1-Dichloropropene

Concen: 2.617 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

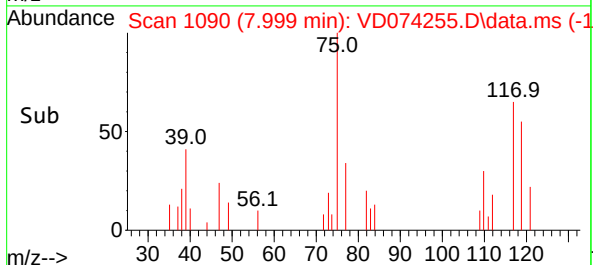
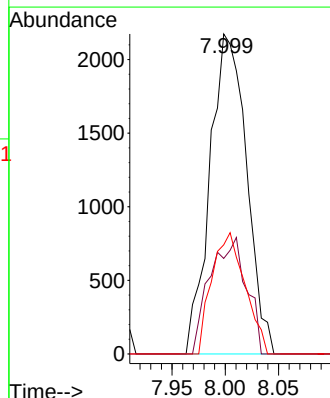
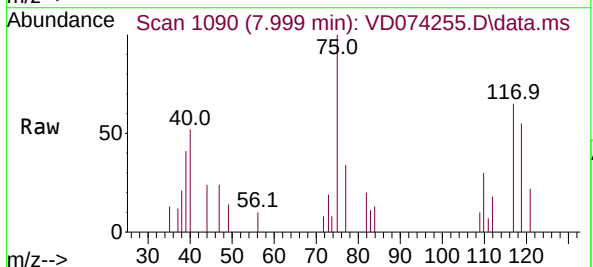
Tgt Ion: 75 Resp: 5197

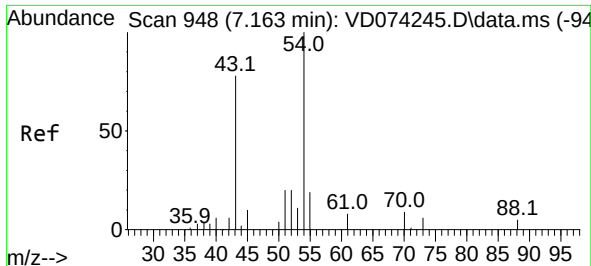
Ion Ratio Lower Upper

75 100

110 36.3 17.5 52.5

77 34.4 24.8 37.2





#37

Ethyl Acetate

Concen: 2.756 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD074255.D

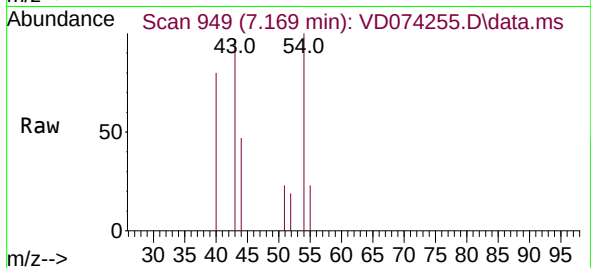
Acq: 12 Sep 2022 14:21

Instrument :

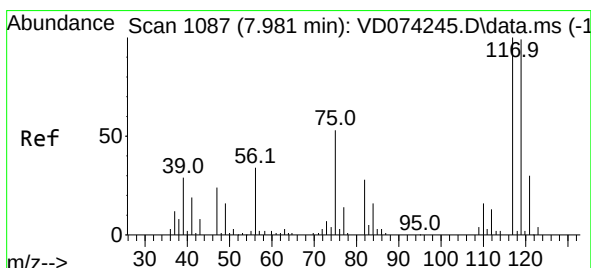
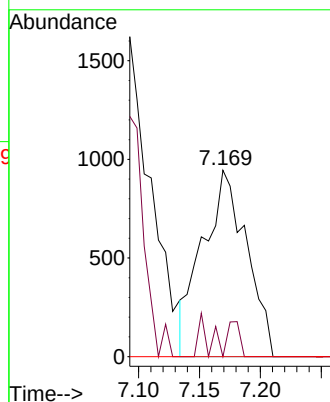
MSVOA_D

ClientSampleId :

MDL01 2.5PPB



Tgt Ion: 43	Resp: 2374
Ion Ratio	Lower Upper
43	100
61	0.0 12.1 18.1#
70	0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 2.349 ug/l

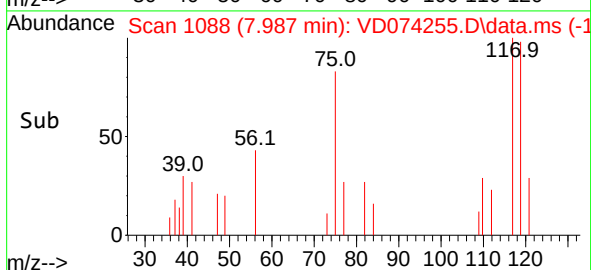
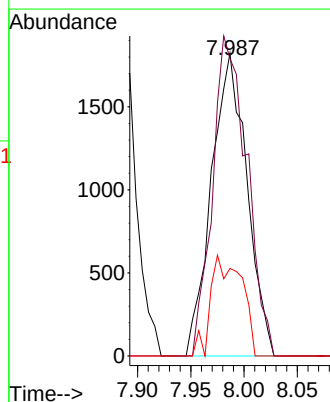
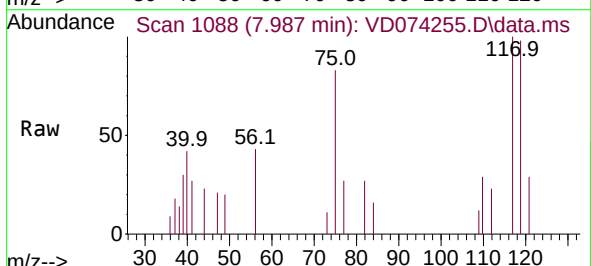
RT: 7.987 min Scan# 1088

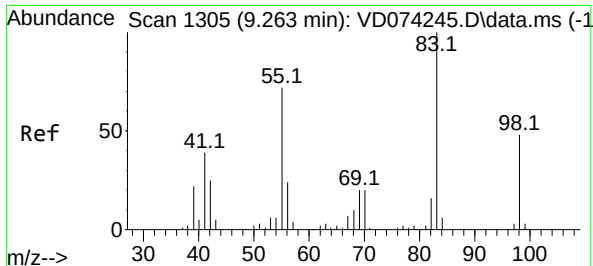
Delta R.T. 0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Tgt Ion: 117	Resp: 4220
Ion Ratio	Lower Upper
117	100
119	98.2 78.8 118.2
121	28.9 23.9 35.9





#39

Methylcyclohexane

Concen: 2.633 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

MDL01 2.5PPB

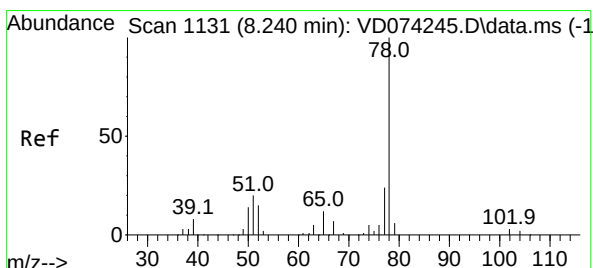
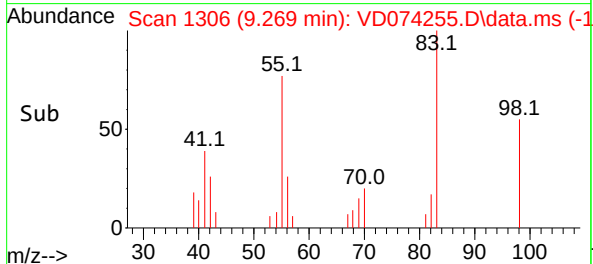
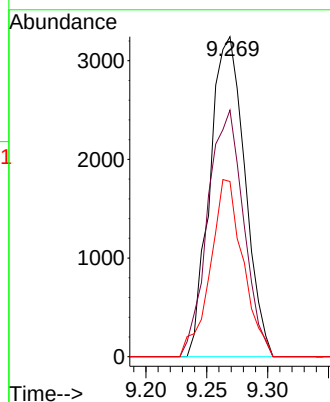
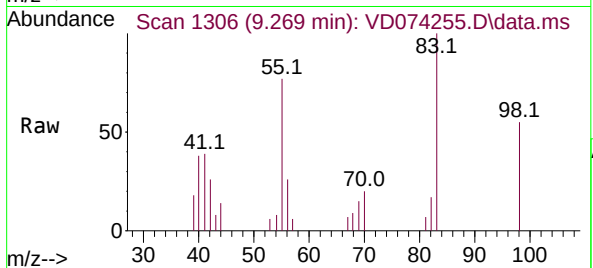
Tgt Ion: 83 Resp: 6472

Ion Ratio Lower Upper

83 100

55 77.1 57.2 85.8

98 54.7 38.3 57.5



#40

Benzene

Concen: 2.758 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VD074255.D

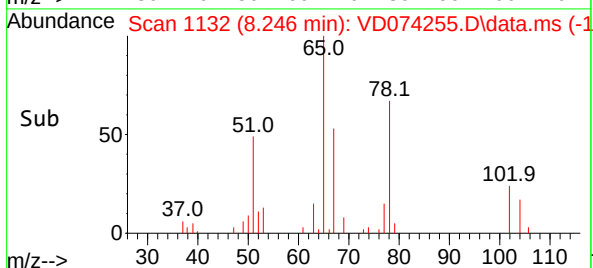
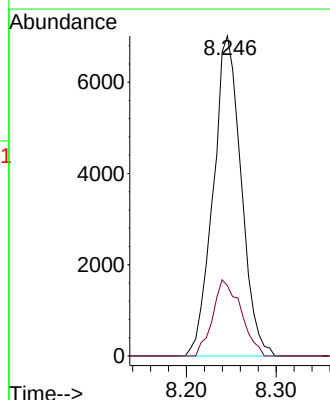
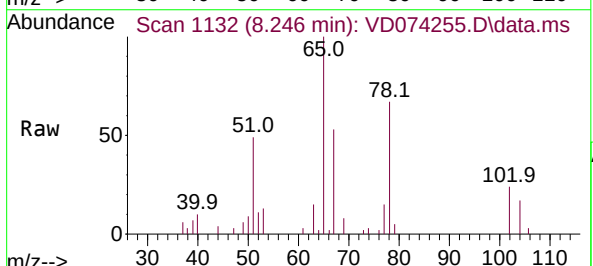
Acq: 12 Sep 2022 14:21

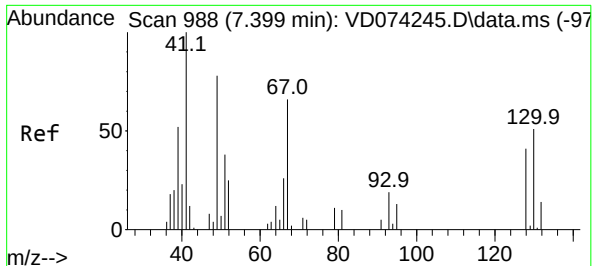
Tgt Ion: 78 Resp: 15159

Ion Ratio Lower Upper

78 100

77 22.0 19.4 29.2

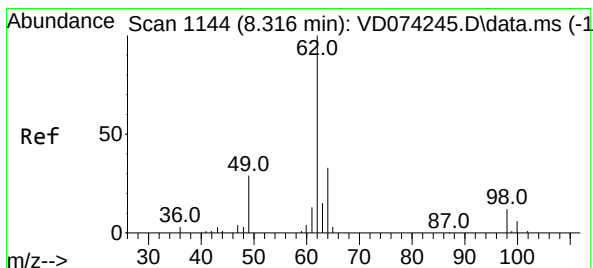
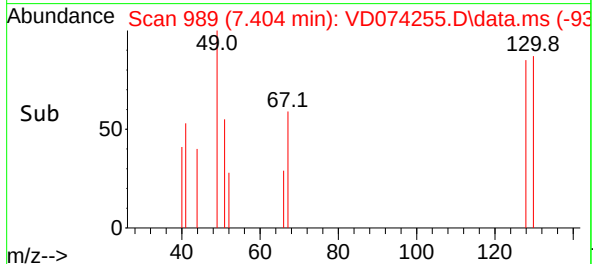
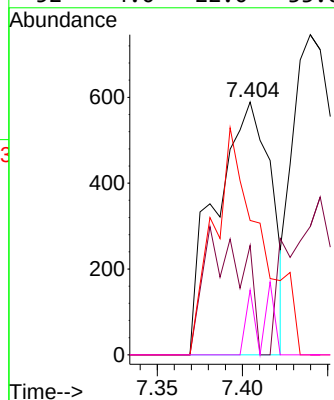
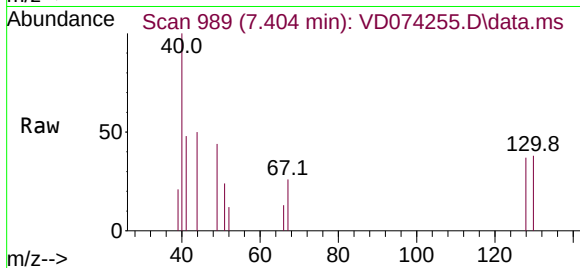




#41
Methacrylonitrile
Concen: 2.793 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

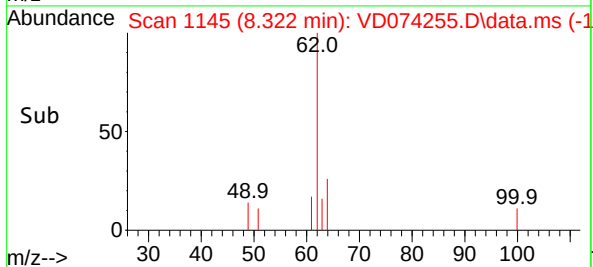
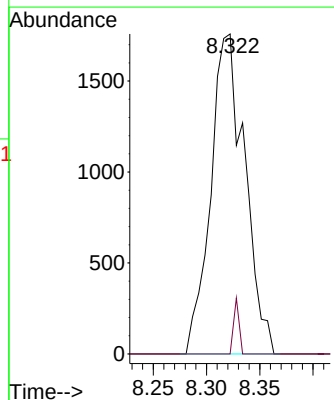
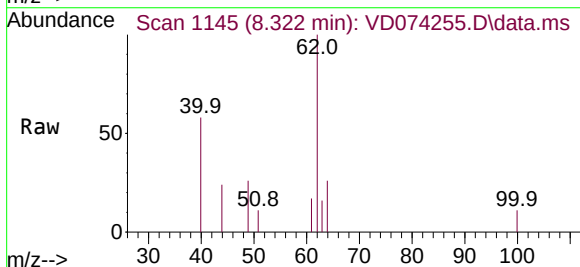
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

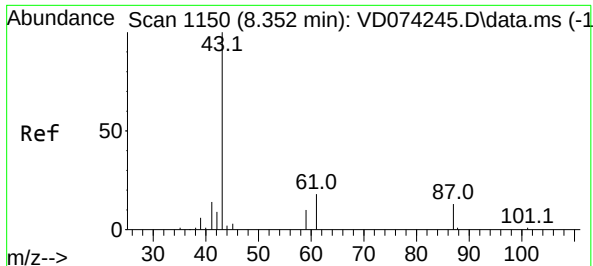
Tgt Ion:	41	Resp:	1340
Ion	Ratio	Lower	Upper
41	100		
39	0.0	39.8	59.6#
67	75.1	56.1	84.1
52	4.0	22.0	33.0#



#42
1,2-Dichloroethane
Concen: 2.693 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion:	62	Resp:	3911
Ion	Ratio	Lower	Upper
62	100		
98	2.8	0.0	21.4

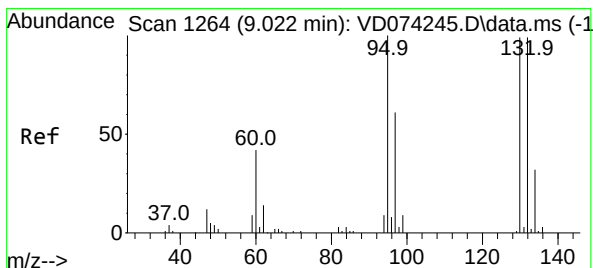
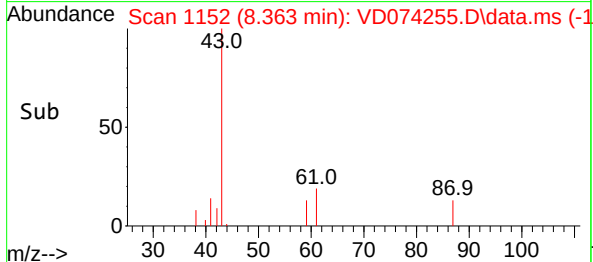
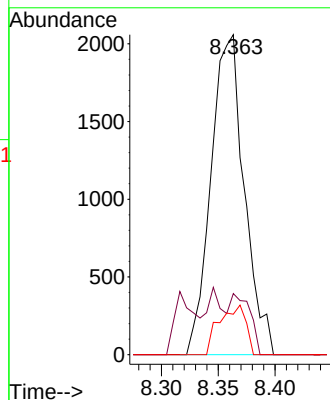
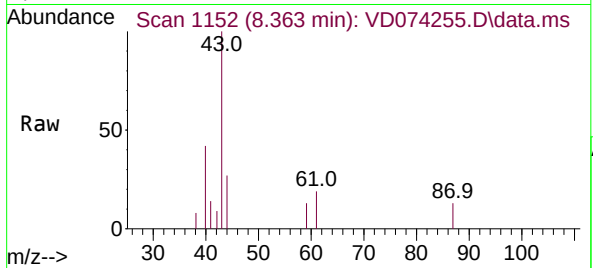




#43
Isopropyl Acetate
Concen: 2.521 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.012 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

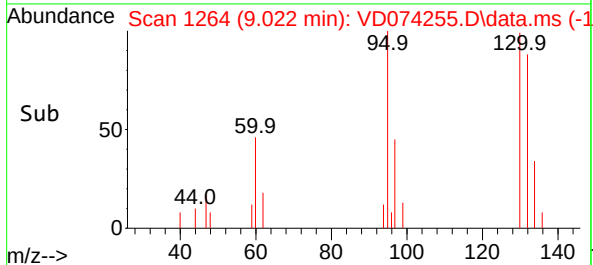
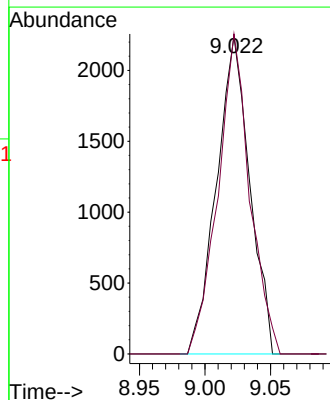
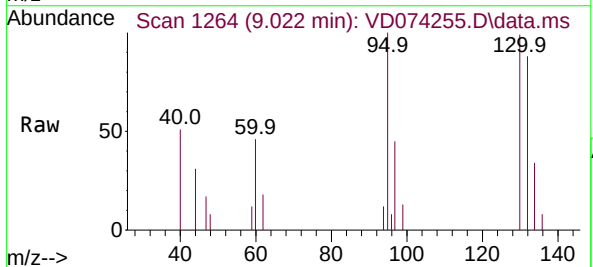
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

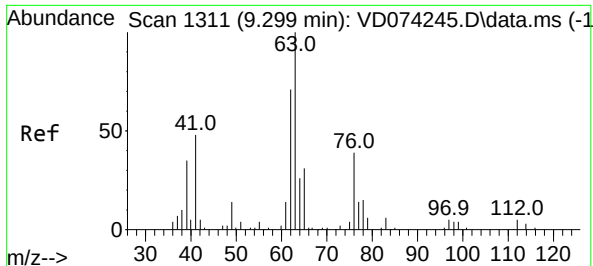
Tgt Ion: 43 Resp: 4194
Ion Ratio Lower Upper
43 100
61 11.0 24.5 36.7#
87 12.3 10.8 16.2



#44
Trichloroethene
Concen: 2.584 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 130 Resp: 3943
Ion Ratio Lower Upper
130 100
95 100.8 0.0 202.2





#45

1,2-Dichloropropane

Concen: 2.598 ug/l

RT: 9.293 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

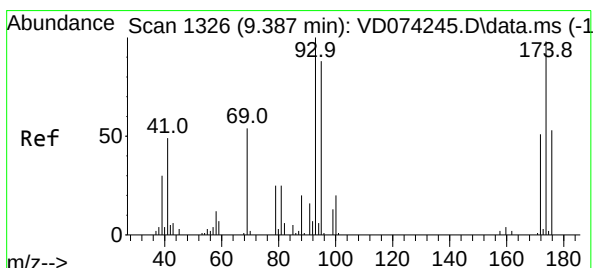
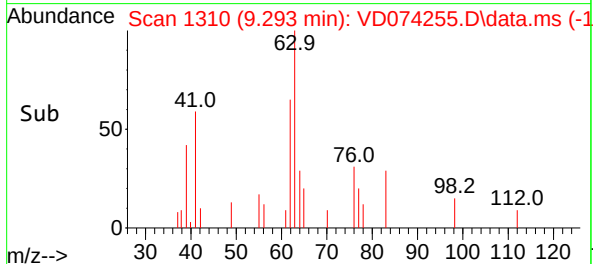
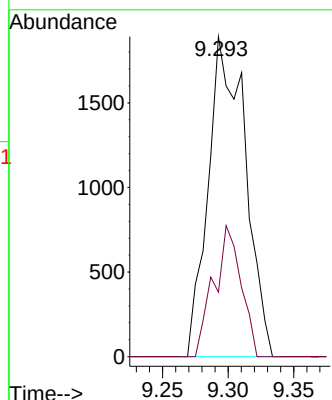
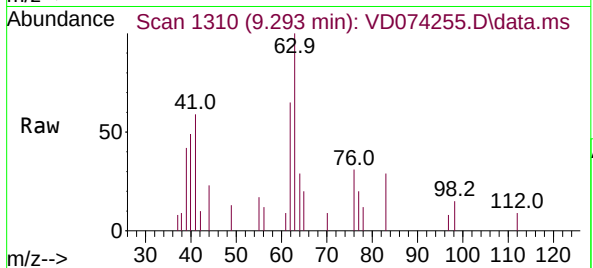
MDL01 2.5PPB

Tgt Ion: 63 Resp: 3711

Ion Ratio Lower Upper

63 100

65 20.1 24.5 36.7#



#46

Dibromomethane

Concen: 2.477 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

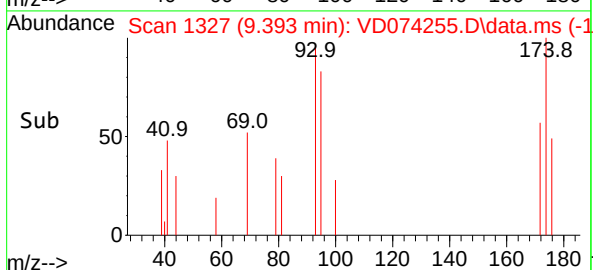
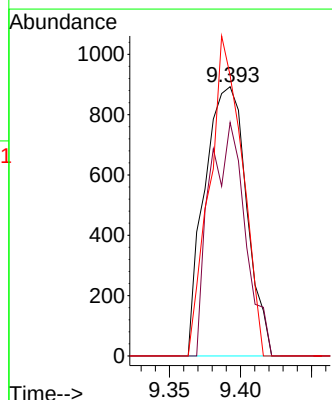
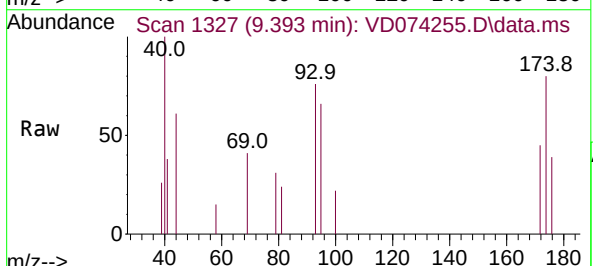
Tgt Ion: 93 Resp: 1837

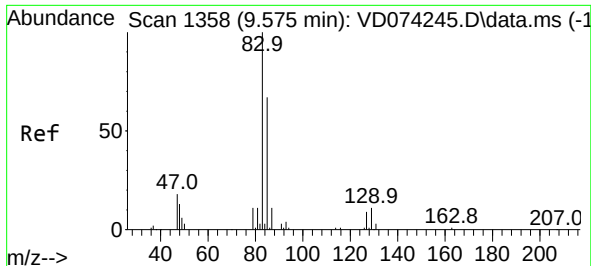
Ion Ratio Lower Upper

93 100

95 73.9 67.7 101.5

174 93.0 79.6 119.4





#47

Bromodichloromethane

Concen: 2.618 ug/l

RT: 9.575 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

MDL01 2.5PPB

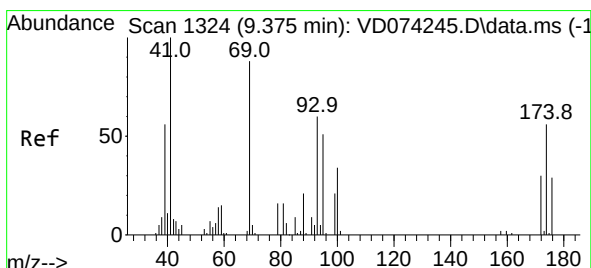
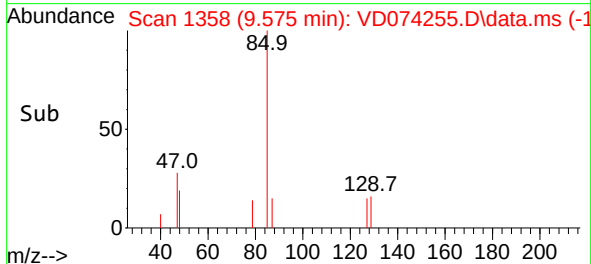
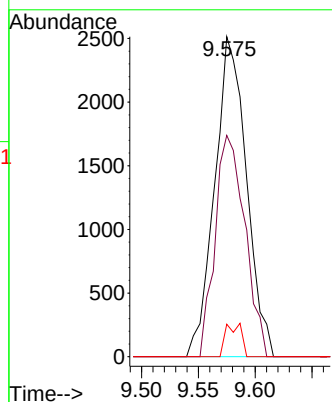
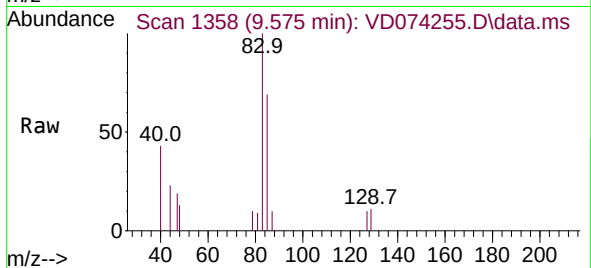
Tgt Ion: 83 Resp: 4885

Ion Ratio Lower Upper

83 100

85 69.2 53.4 80.2

127 10.2 6.9 10.3



#48

Methyl methacrylate

Concen: 2.474 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.000 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

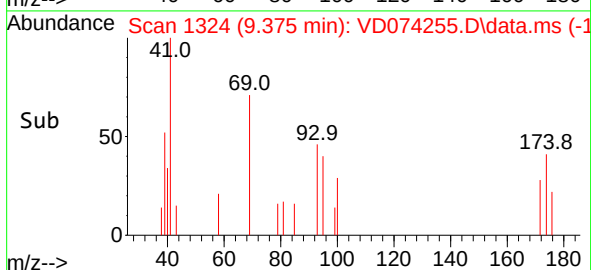
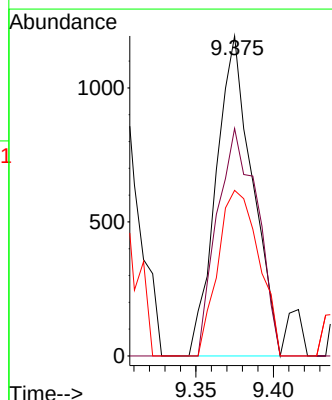
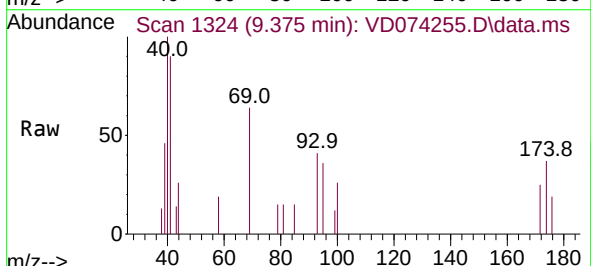
Tgt Ion: 41 Resp: 1944

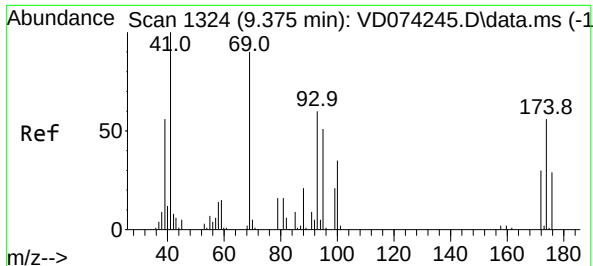
Ion Ratio Lower Upper

41 100

69 78.7 72.7 109.1

39 58.6 41.6 62.4





#49

1,4-Dioxane

Concen: 33.702 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

MDL01 2.5PPB

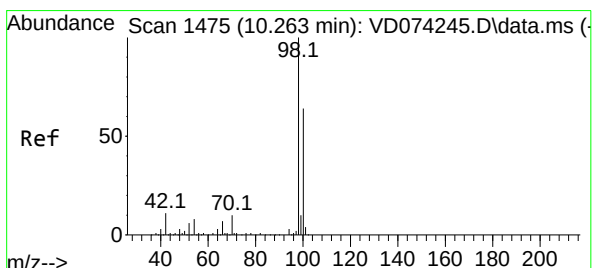
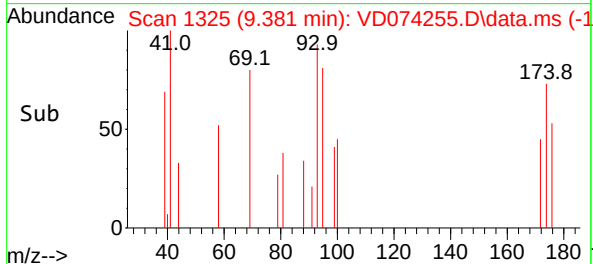
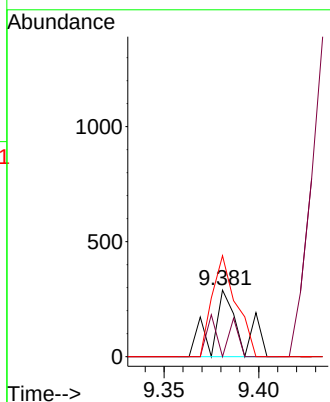
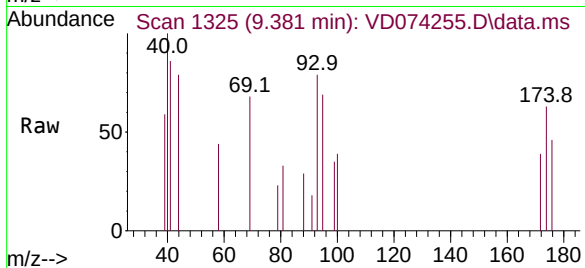
Tgt Ion: 88 Resp: 296

Ion Ratio Lower Upper

88 100

43 41.6 27.0 40.4#

58 132.4 54.2 81.2#



#50

Toluene-d8

Concen: 53.200 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VD074255.D

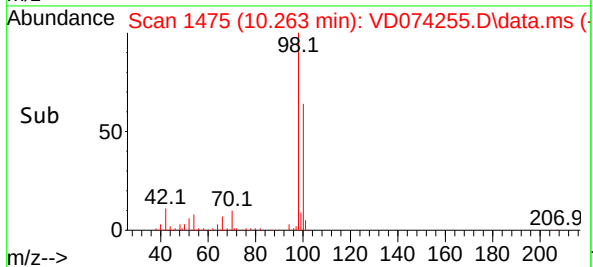
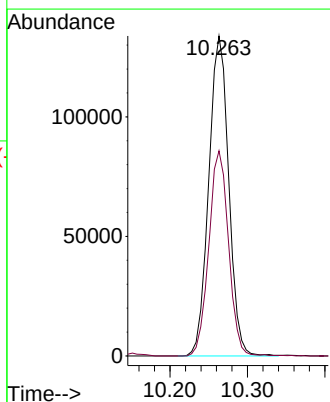
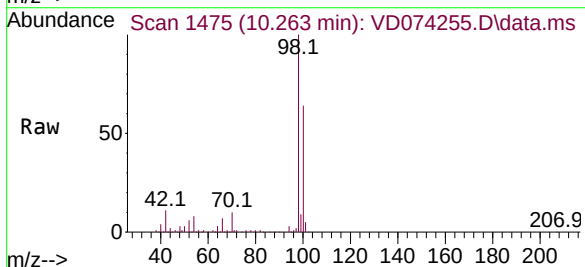
Acq: 12 Sep 2022 14:21

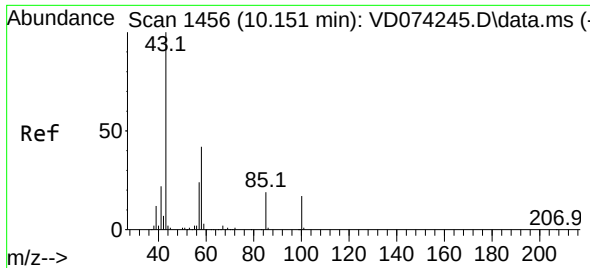
Tgt Ion: 98 Resp: 239287

Ion Ratio Lower Upper

98 100

100 63.2 51.8 77.8

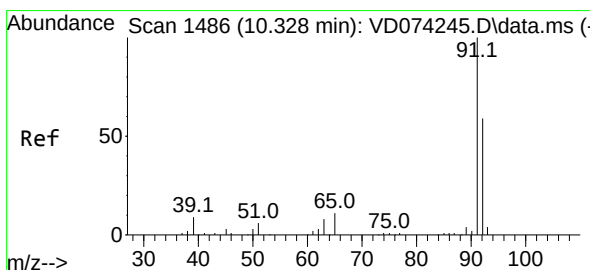
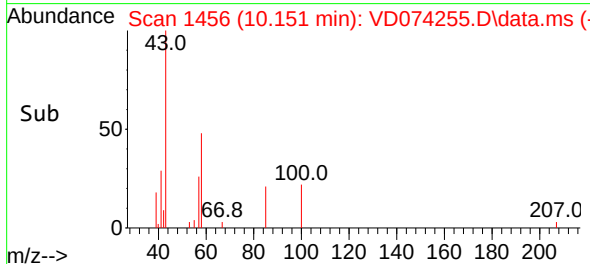
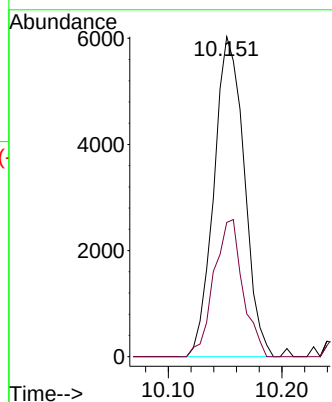
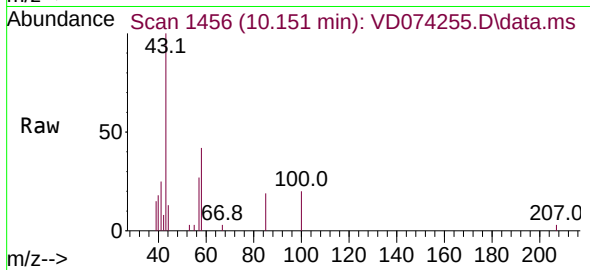




#51
4-Methyl-2-Pentanone
Concen: 13.275 ug/l
RT: 10.151 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

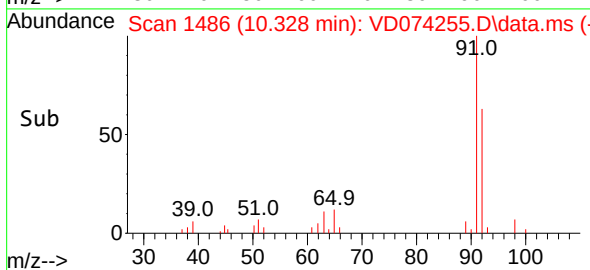
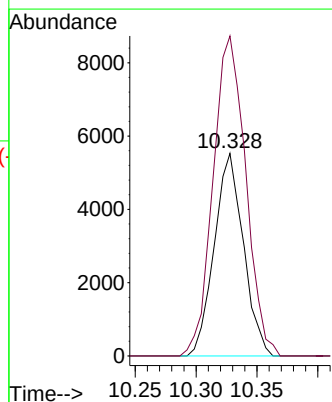
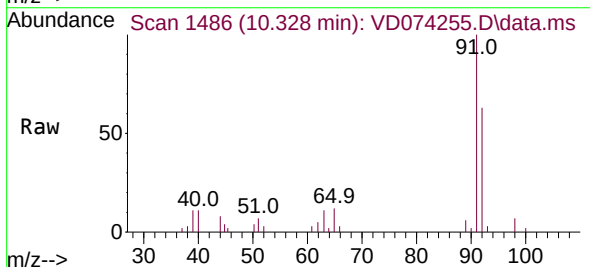
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

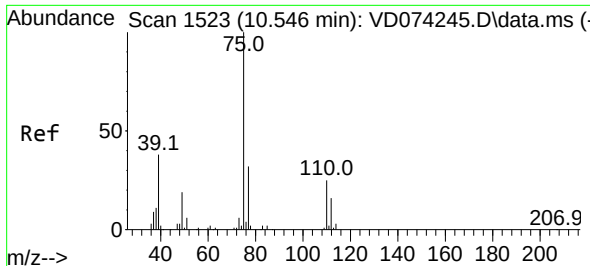
Tgt Ion: 43 Resp: 11162
Ion Ratio Lower Upper
43 100
58 41.1 33.3 49.9



#52
Toluene
Concen: 2.610 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 92 Resp: 9200
Ion Ratio Lower Upper
92 100
91 176.8 139.3 208.9

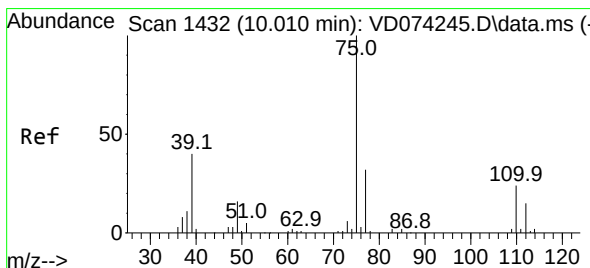
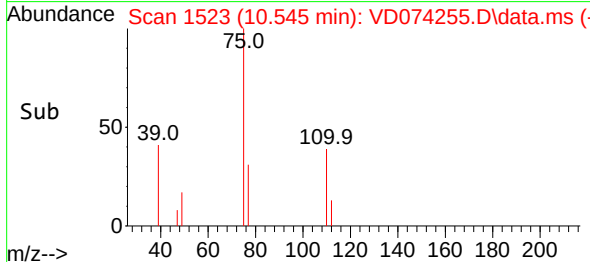
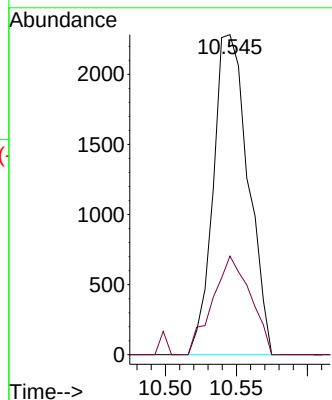
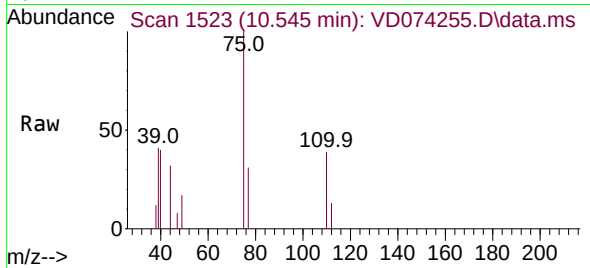




#53
 t-1,3-Dichloropropene
 Concen: 2.220 ug/l
 RT: 10.545 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD074255.D
 Acq: 12 Sep 2022 14:21

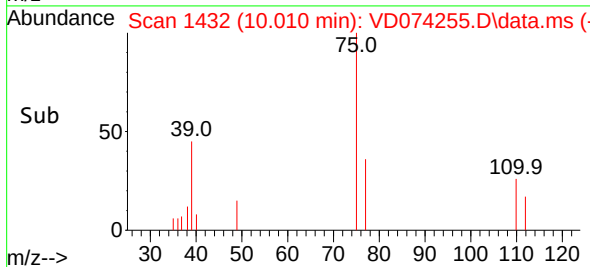
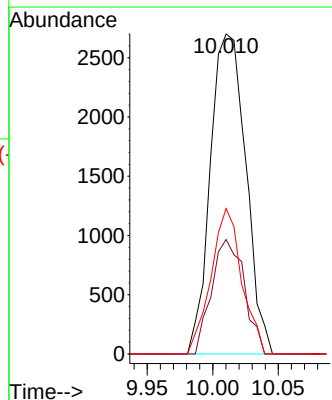
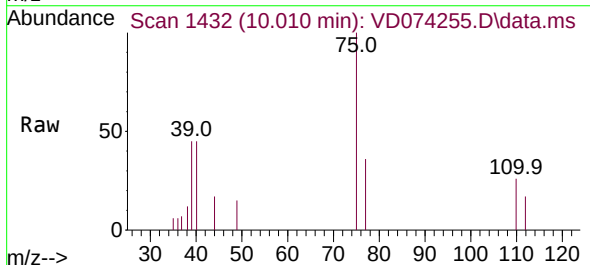
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01 2.5PPB

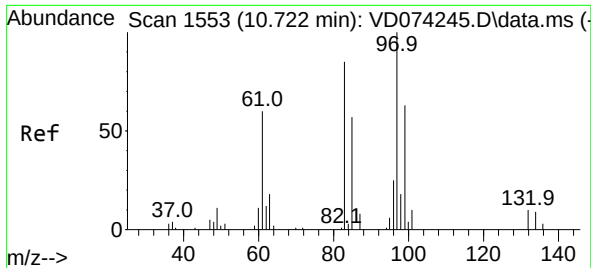
Tgt Ion: 75 Resp: 3905
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 2.343 ug/l
 RT: 10.010 min Scan# 1432
 Delta R.T. -0.000 min
 Lab File: VD074255.D
 Acq: 12 Sep 2022 14:21

Tgt Ion: 75 Resp: 5078
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.4 38.0
 39 45.4 31.6 47.4



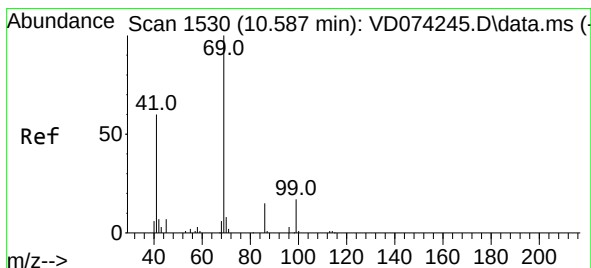
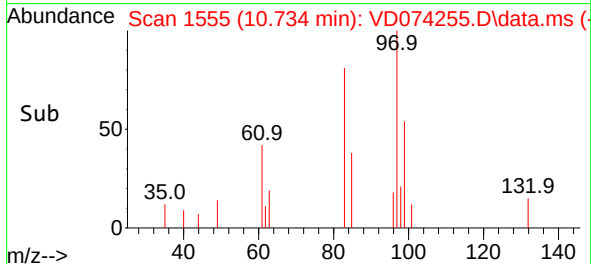
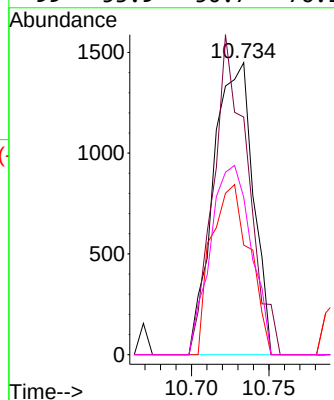
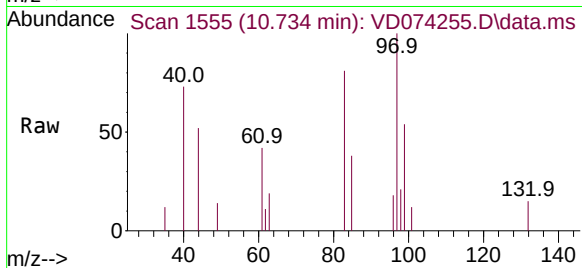


#55
1,1,2-Trichloroethane
Concen: 2.516 ug/l
RT: 10.734 min Scan# 1553
Delta R.T. 0.012 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

Tgt Ion: 97 Resp: 2580

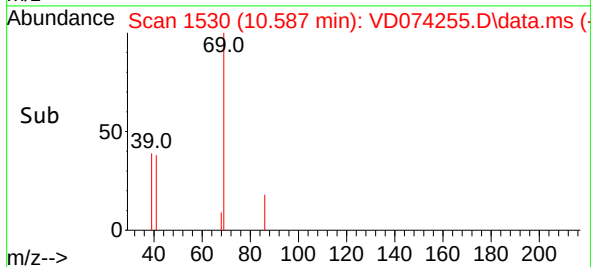
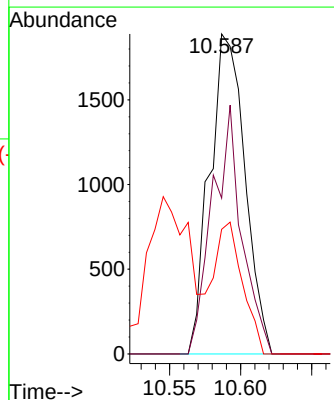
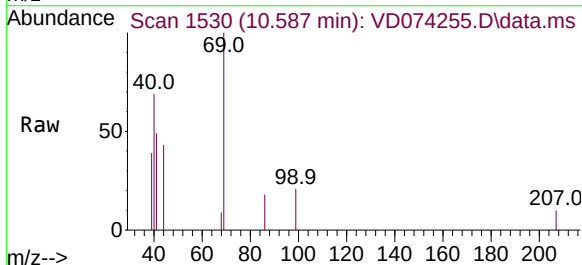
Ion	Ratio	Lower	Upper
97	100		
83	81.4	68.0	102.0
85	37.5	45.8	68.8#
99	53.9	50.7	76.1

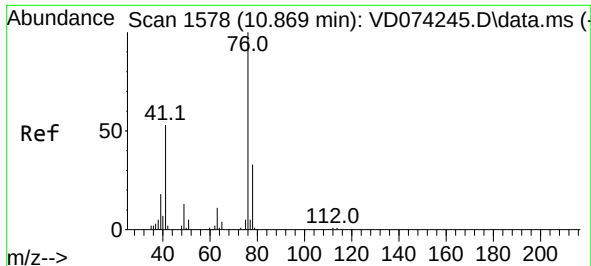


#56
Ethyl methacrylate
Concen: 2.395 ug/l
RT: 10.587 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 69 Resp: 3262

Ion	Ratio	Lower	Upper
69	100		
41	64.8	49.4	74.2
39	32.3	24.2	36.4





#57

1,3-Dichloropropane

Concen: 2.752 ug/l

RT: 10.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

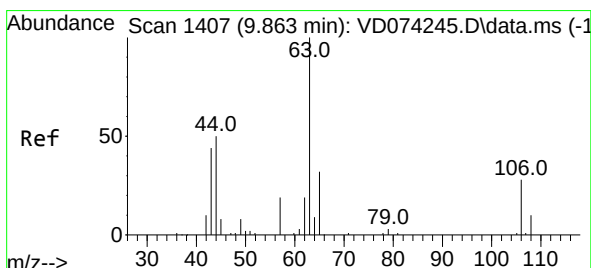
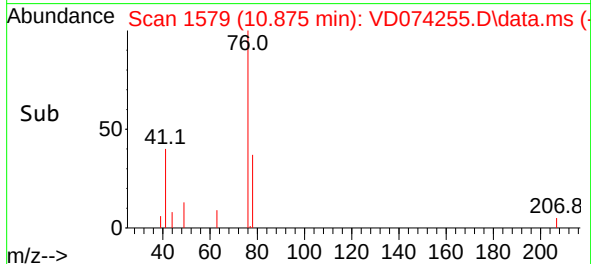
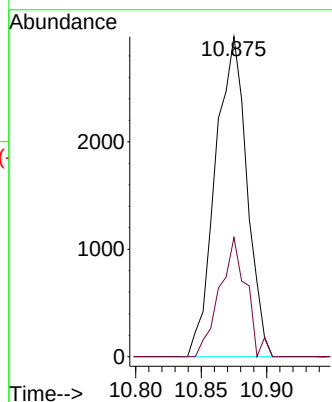
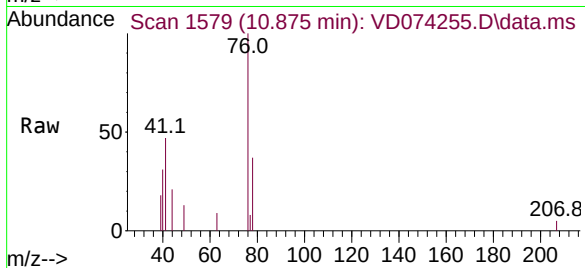
MDL01 2.5PPB

Tgt Ion: 76 Resp: 4980

Ion Ratio Lower Upper

76 100

78 31.6 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 12.552 ug/l

RT: 9.863 min Scan# 1407

Delta R.T. 0.000 min

Lab File: VD074255.D

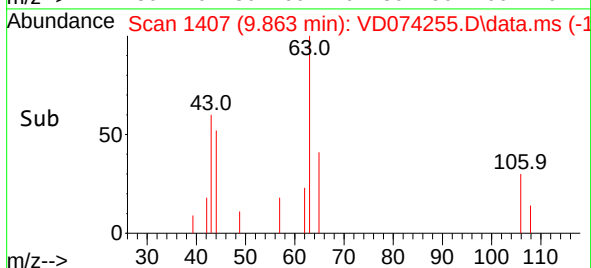
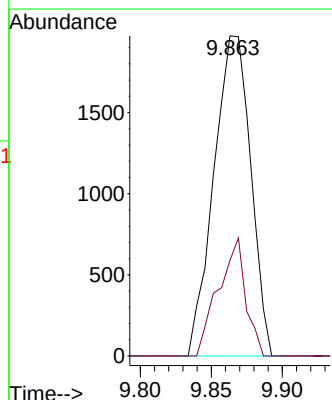
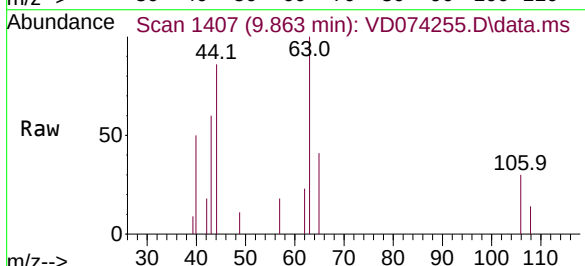
Acq: 12 Sep 2022 14:21

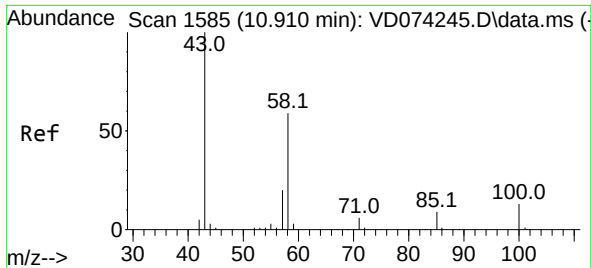
Tgt Ion: 63 Resp: 3565

Ion Ratio Lower Upper

63 100

106 27.2 21.9 32.9

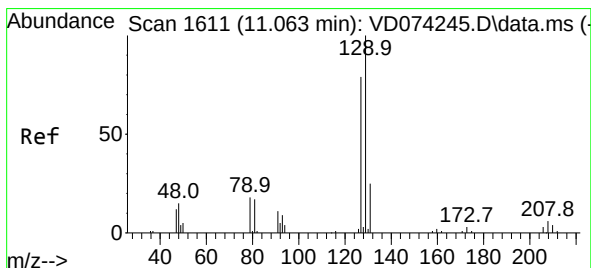
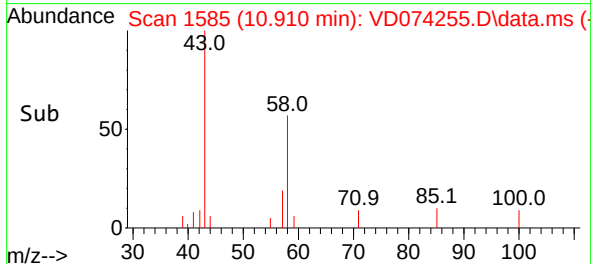
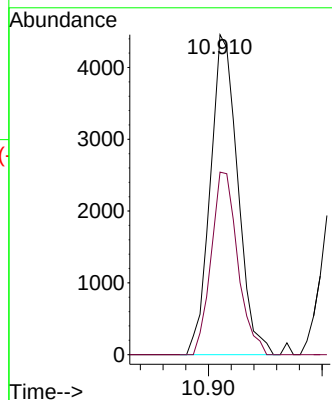
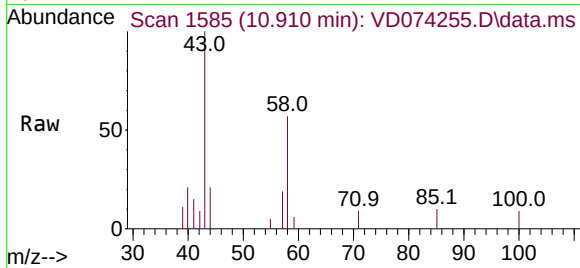




#59
2-Hexanone
Concen: 13.097 ug/l
RT: 10.910 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

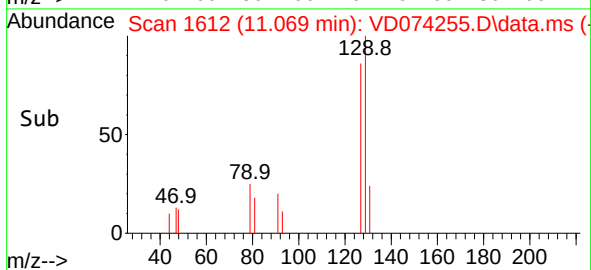
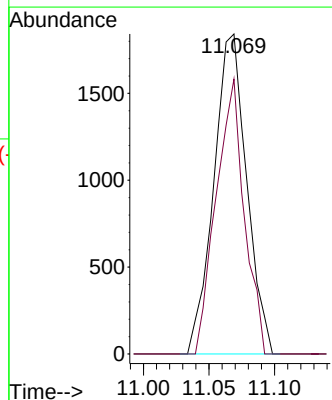
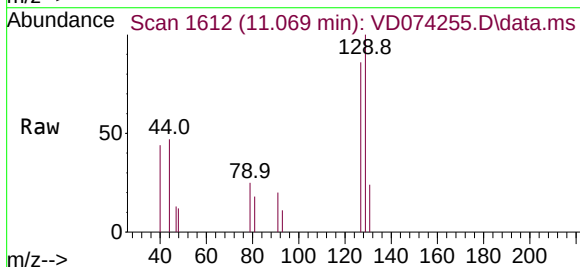
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

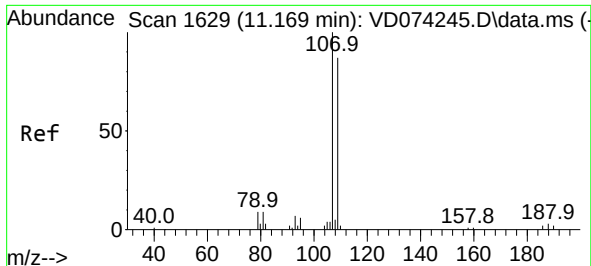
Tgt Ion: 43 Resp: 7478
Ion Ratio Lower Upper
43 100
58 55.2 28.6 85.8



#60
Dibromochloromethane
Concen: 2.570 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 129 Resp: 3209
Ion Ratio Lower Upper
129 100
127 73.5 39.0 116.9

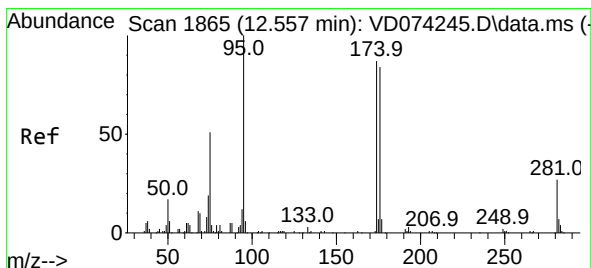
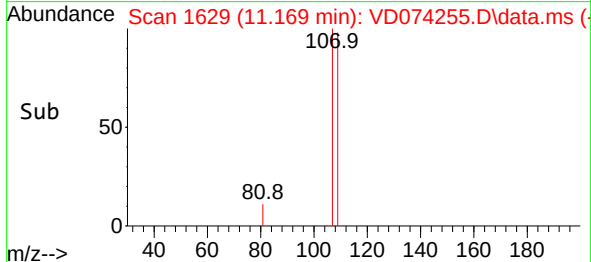
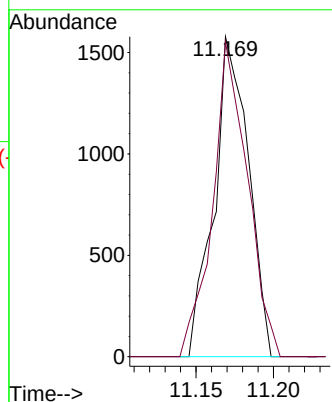
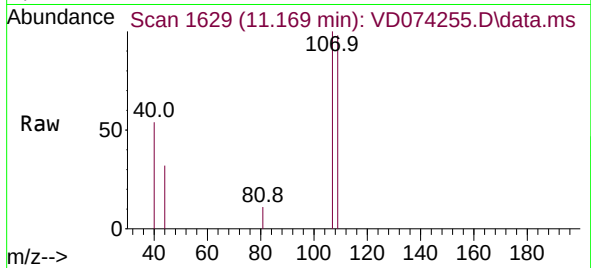




#61
1,2-Dibromoethane
Concen: 2.503 ug/l
RT: 11.169 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

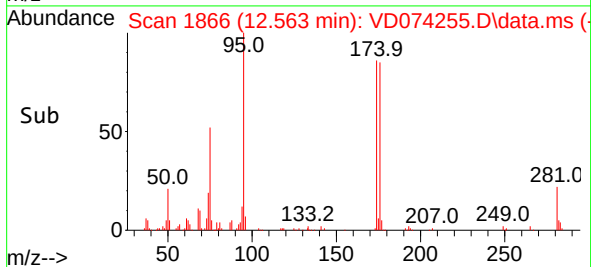
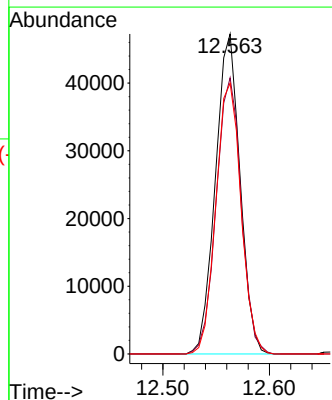
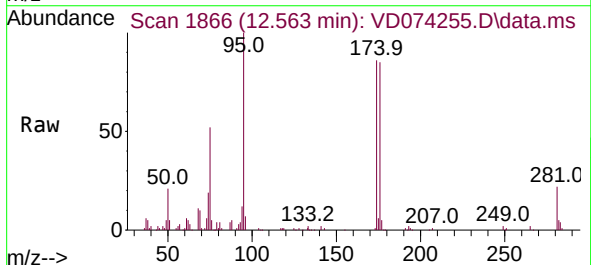
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

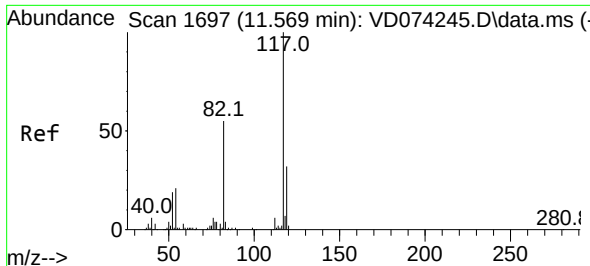
Tgt Ion:107 Resp: 2442
Ion Ratio Lower Upper
107 100
109 99.4 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 40.711 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 95 Resp: 75815
Ion Ratio Lower Upper
95 100
174 87.3 0.0 179.2
176 86.3 0.0 171.4

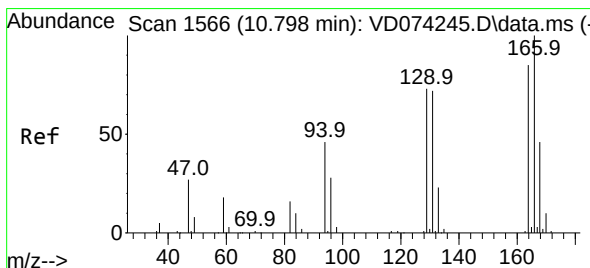
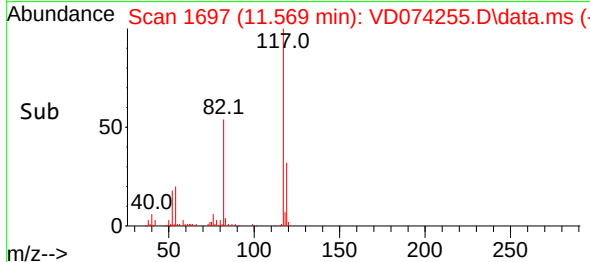
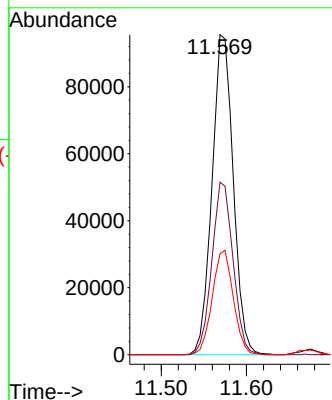
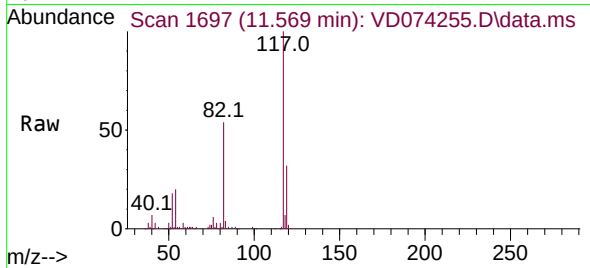




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.569 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

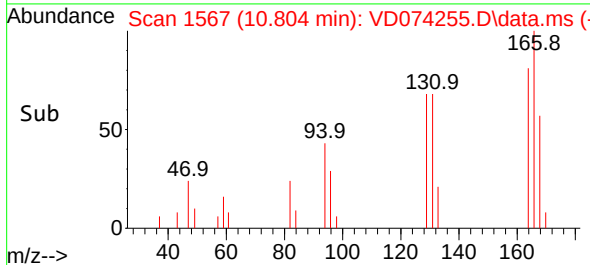
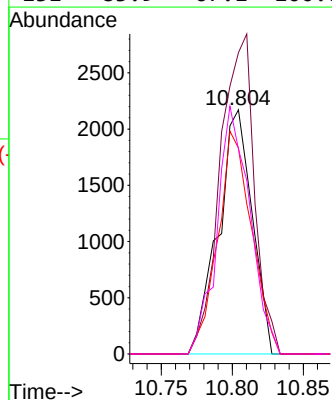
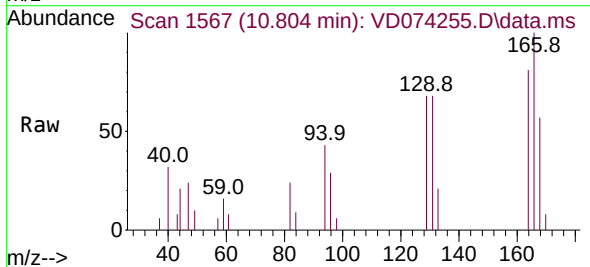
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

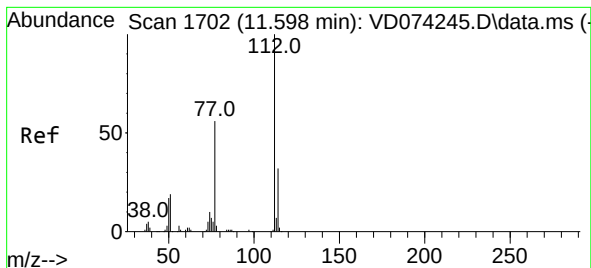
Tgt Ion:117 Resp: 165285
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 2.853 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion:164 Resp: 3606
Ion Ratio Lower Upper
164 100
166 123.4 93.8 140.8
129 84.3 68.3 102.5
131 83.9 67.1 100.7





#65

Chlorobenzene

Concen: 2.740 ug/l

RT: 11.598 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

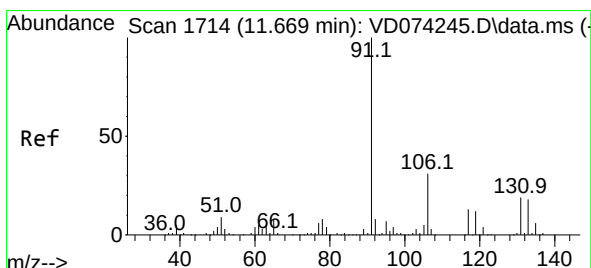
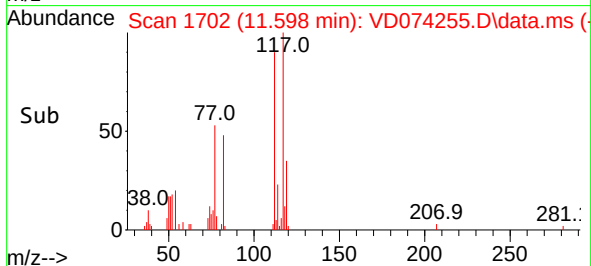
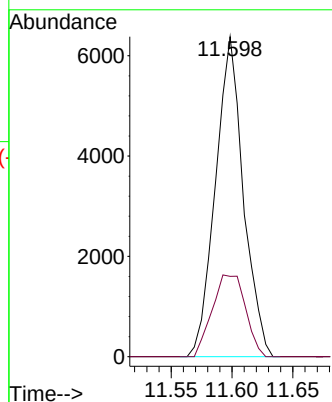
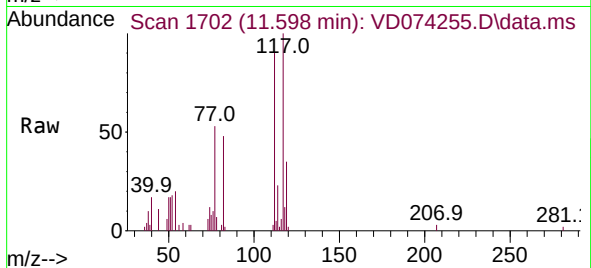
MDL01 2.5PPB

Tgt Ion:112 Resp: 10181

Ion Ratio Lower Upper

112 100

114 25.1 25.5 38.3#



#66

1,1,1,2-Tetrachloroethane

Concen: 2.356 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. 0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

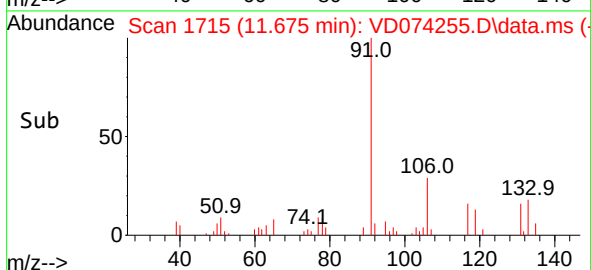
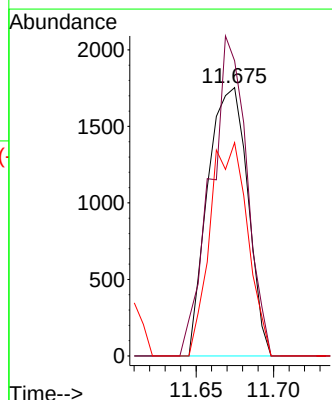
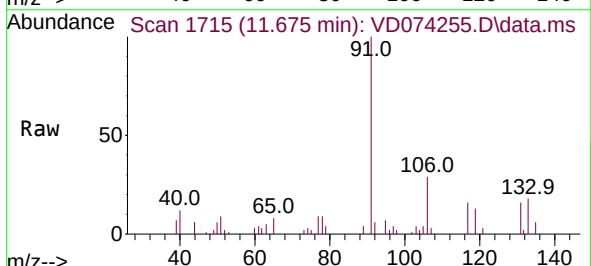
Tgt Ion:131 Resp: 3136

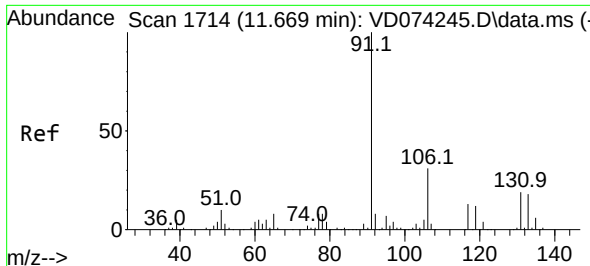
Ion Ratio Lower Upper

131 100

133 107.7 47.8 143.4

119 75.3 33.1 99.5

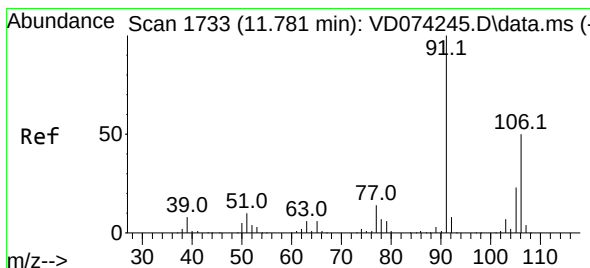
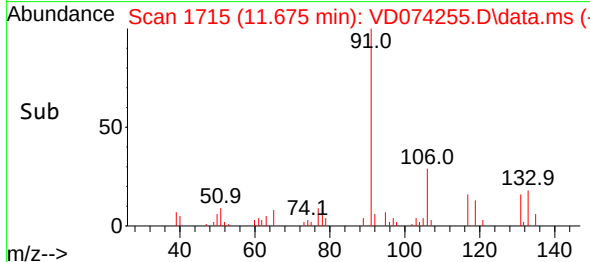
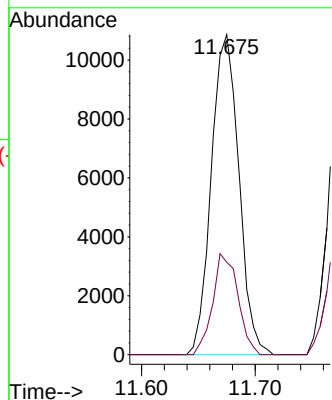
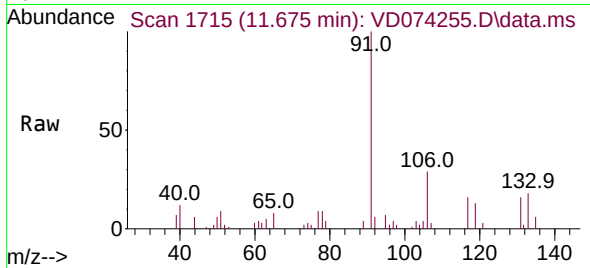




#67
Ethyl Benzene
Concen: 2.640 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

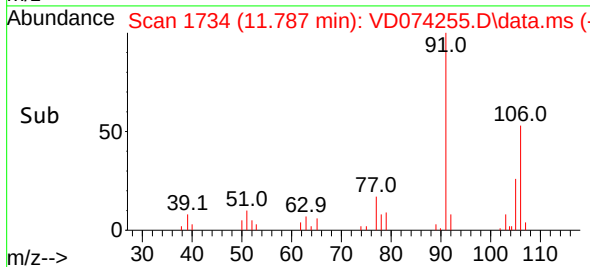
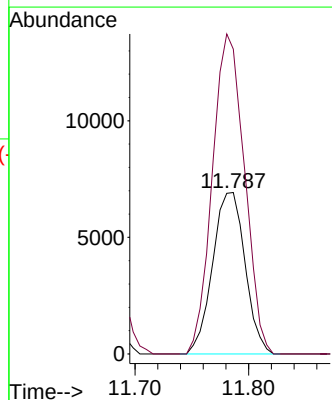
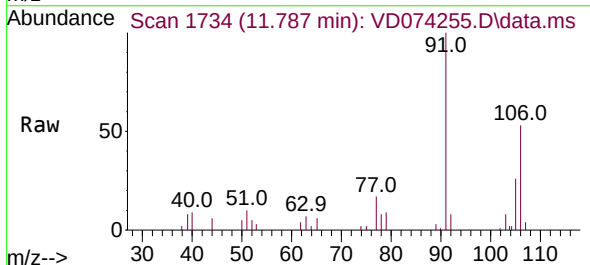
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

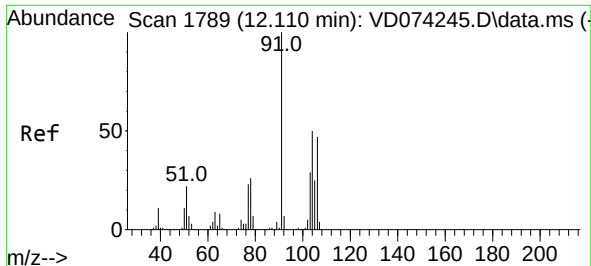
Tgt Ion: 91 Resp: 18321
Ion Ratio Lower Upper
91 100
106 28.9 24.8 37.2



#68
m/p-Xylenes
Concen: 5.216 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 106 Resp: 13740
Ion Ratio Lower Upper
106 100
91 196.1 158.6 237.8

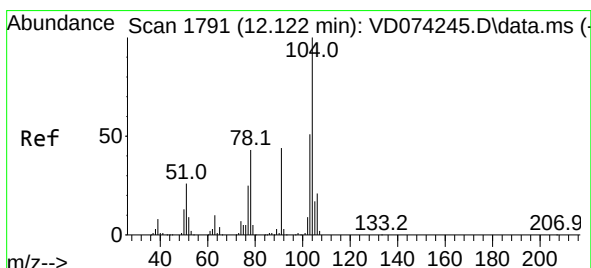
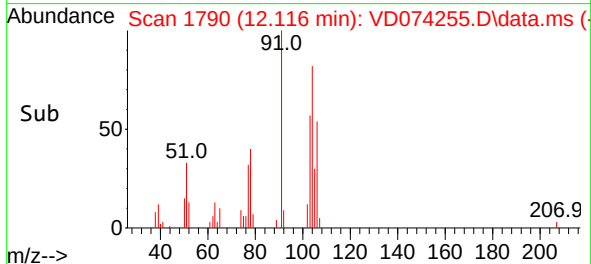
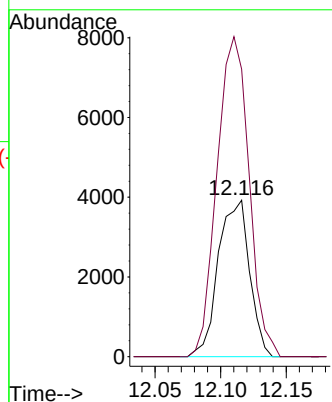
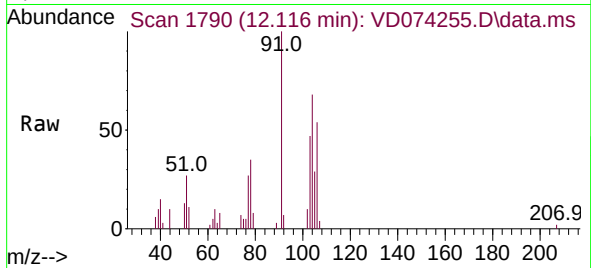




#69
o-Xylene
Concen: 2.610 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

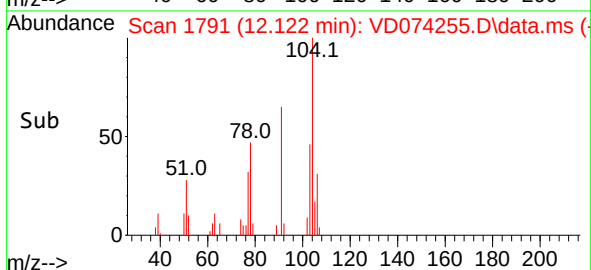
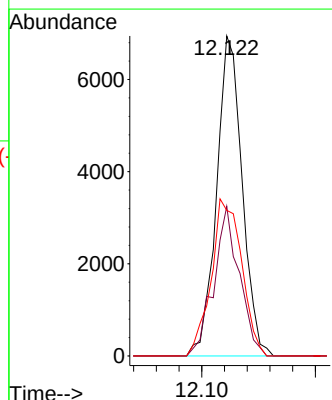
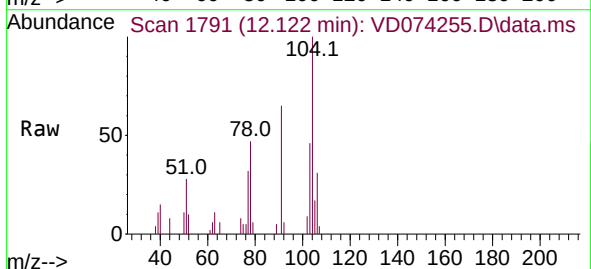
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

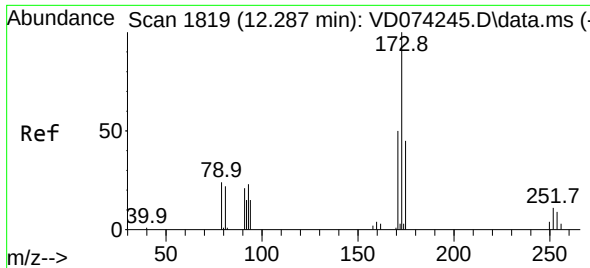
Tgt Ion:106 Resp: 6499
Ion Ratio Lower Upper
106 100
91 209.8 104.0 312.0



#70
Styrene
Concen: 2.617 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion:104 Resp: 10865
Ion Ratio Lower Upper
104 100
78 46.7 38.4 57.6
103 58.2 44.1 66.1

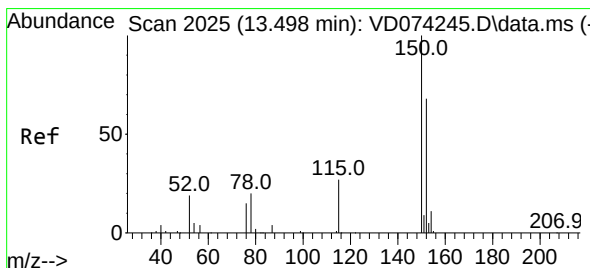
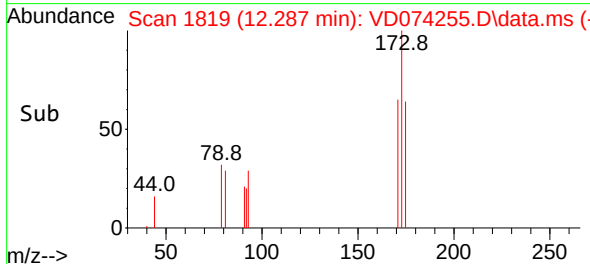
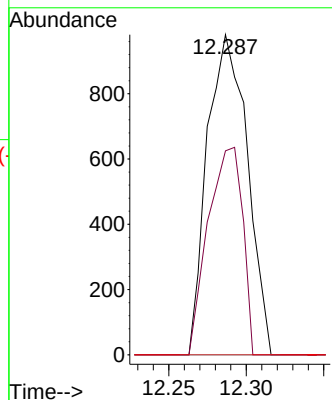
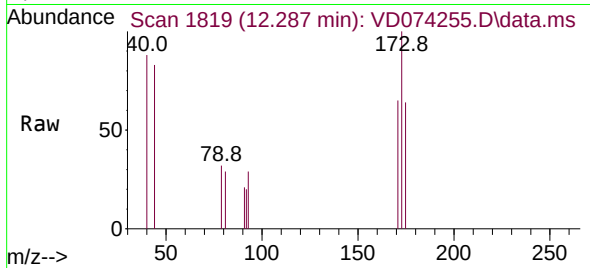




#71
Bromoform
Concen: 2.377 ug/l
RT: 12.287 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

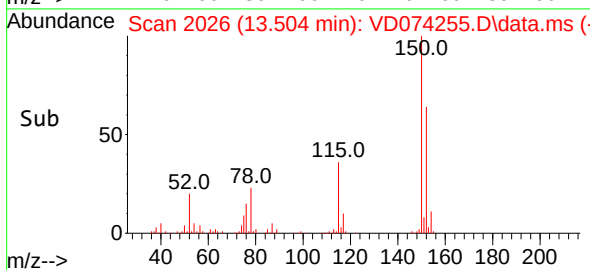
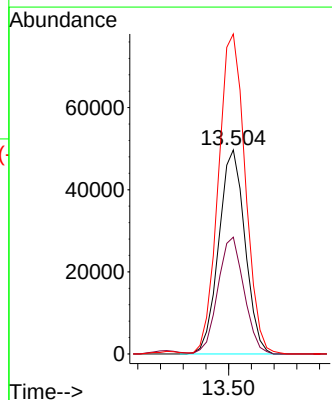
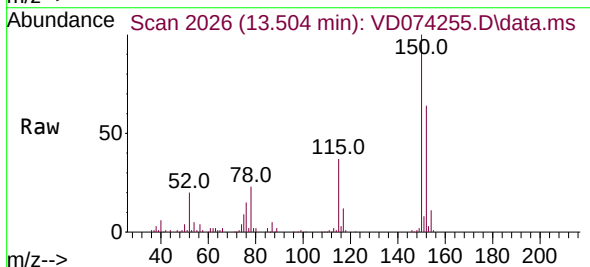
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

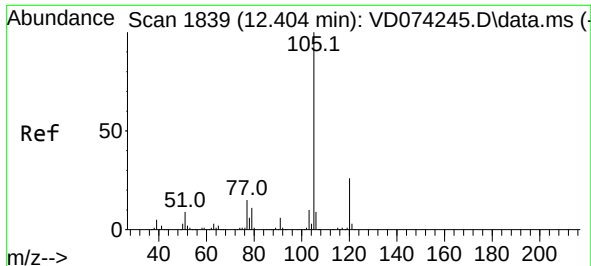
Tgt Ion:173	Resp:	1761
Ion Ratio	Lower	Upper
173	100	
175	55.8	24.2 72.6
254	0.0	0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion:152	Resp:	79633
Ion Ratio	Lower	Upper
152	100	
115	56.9	28.4 85.2
150	161.1	0.0 351.0

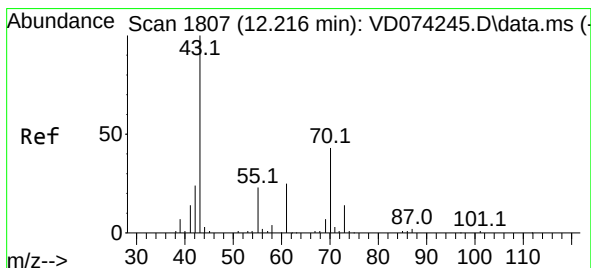
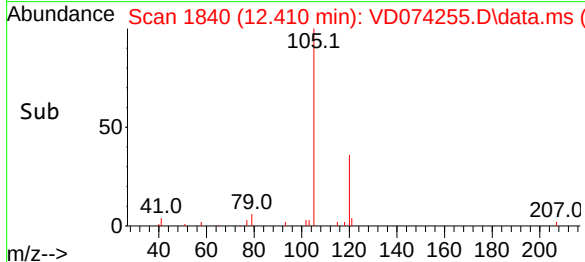
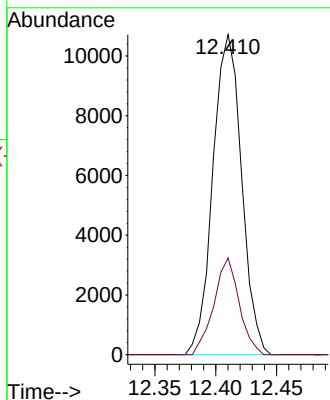
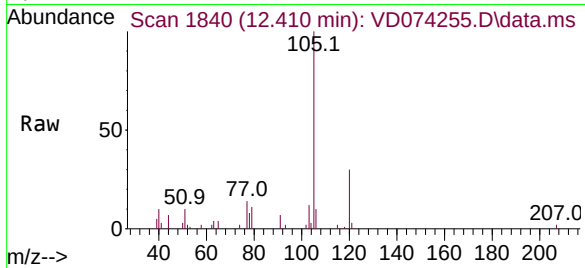




#73
Isopropylbenzene
Concen: 2.611 ug/l
RT: 12.410 min Scan# 1839
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

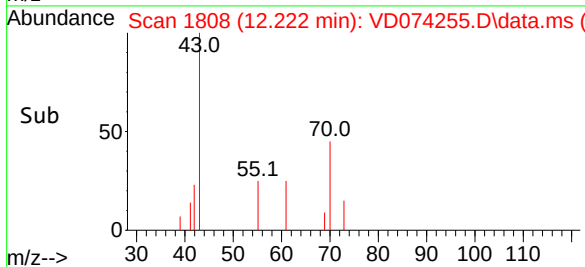
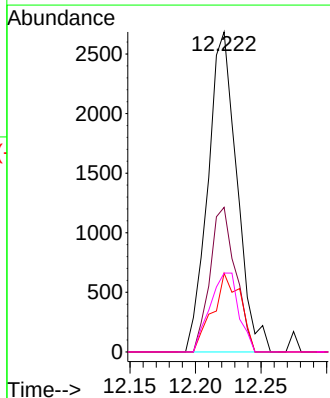
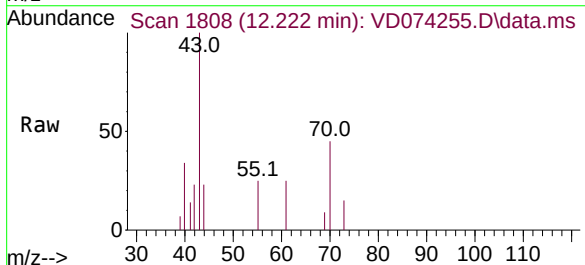
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

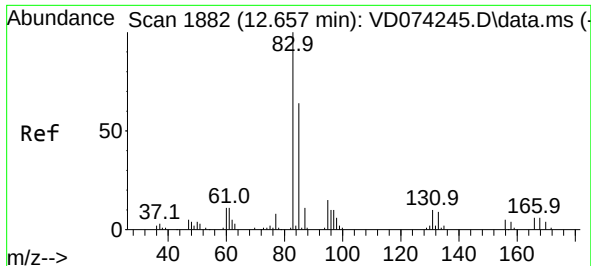
Tgt Ion:105 Resp: 17590
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6



#74
N-ethyl acetate
Concen: 2.602 ug/l
RT: 12.222 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 43 Resp: 4128
Ion Ratio Lower Upper
43 100
70 40.0 34.6 51.8
55 23.4 18.2 27.2
61 24.4 20.6 31.0

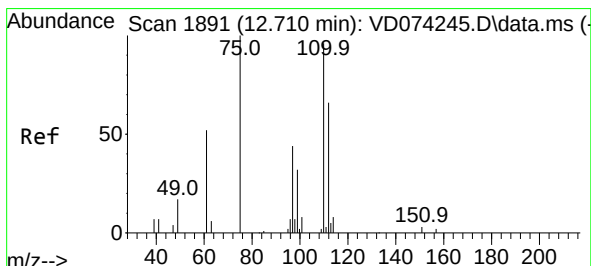
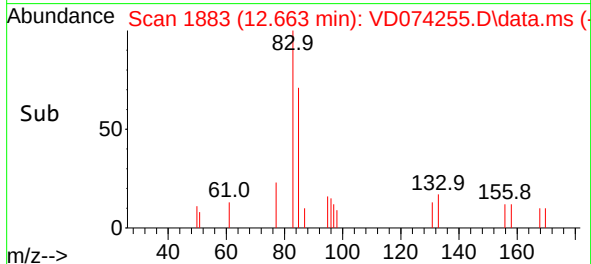
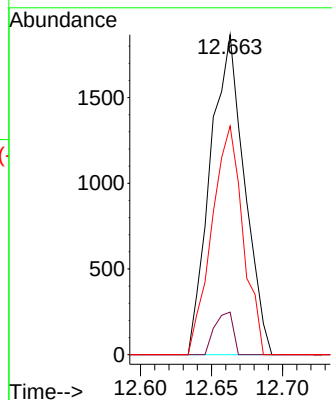
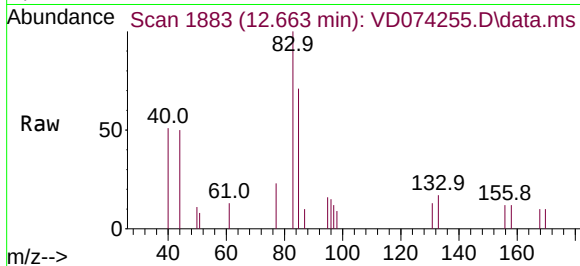




#75
1,1,2,2-Tetrachloroethane
Concen: 2.538 ug/l
RT: 12.663 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

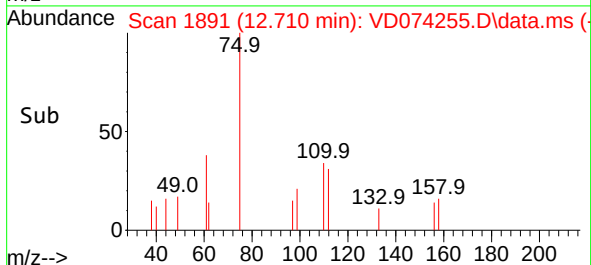
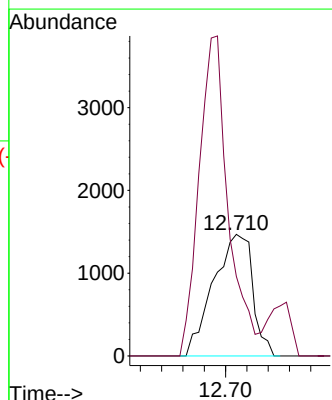
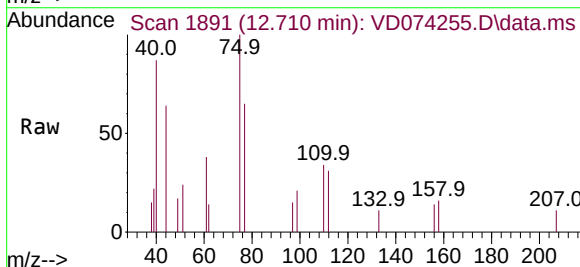
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

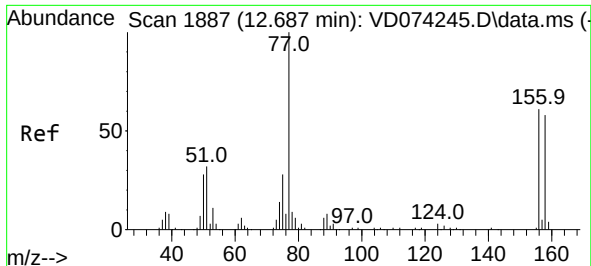
Tgt Ion: 83 Resp: 3113
Ion Ratio Lower Upper
83 100
131 7.2 4.9 14.7
85 65.4 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 4.607 ug/l
RT: 12.710 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 75 Resp: 3761
Ion Ratio Lower Upper
75 100
77 195.2 0.0 0.0#

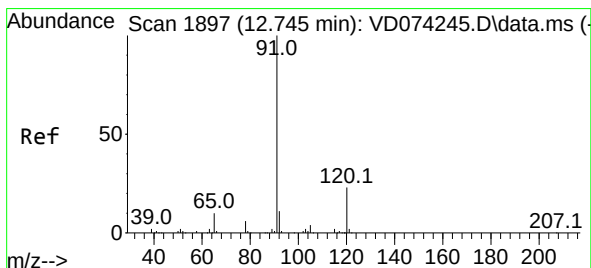
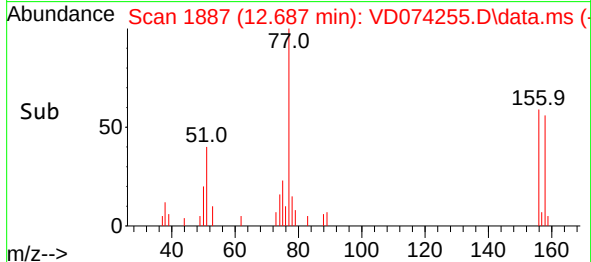
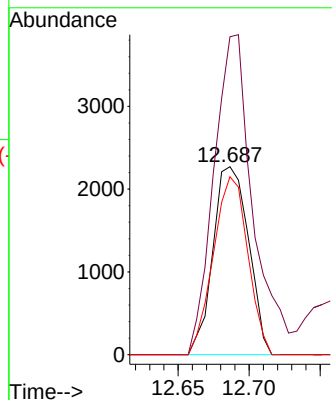
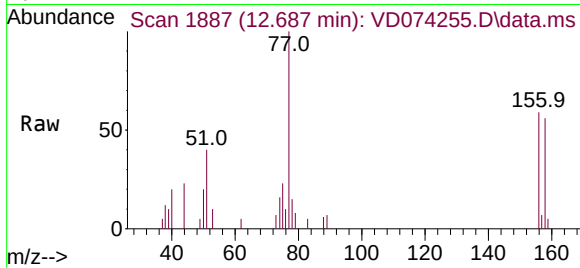




#77
Bromobenzene
Concen: 2.678 ug/l
RT: 12.687 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

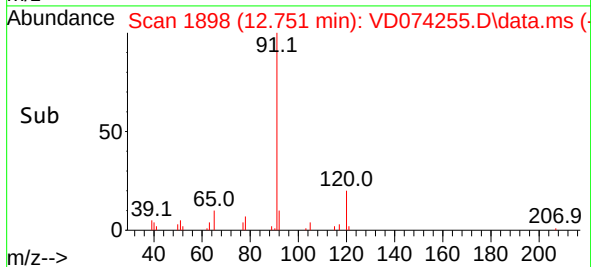
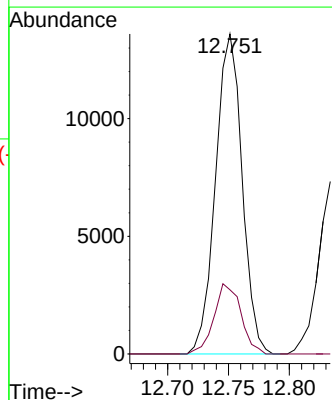
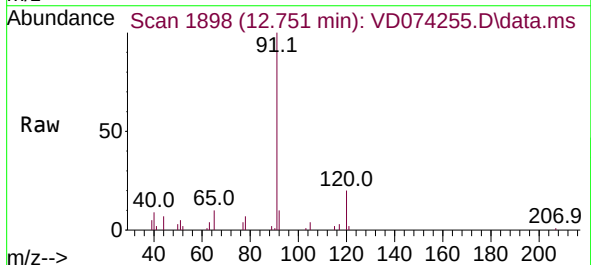
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

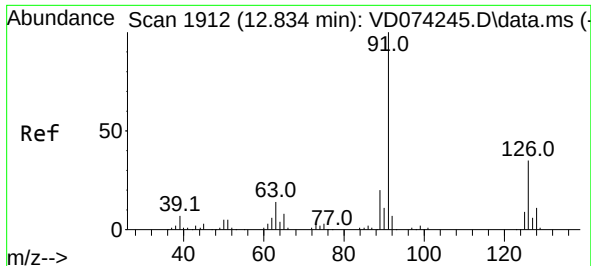
Tgt Ion	Ratio	Lower	Upper
156	100		
77	185.4	91.1	273.3
158	91.6	49.4	148.2



#78
n-propylbenzene
Concen: 2.500 ug/l
RT: 12.751 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.6	34.7





#79

2-Chlorotoluene

Concen: 2.720 ug/l

RT: 12.834 min Scan# 1912

Delta R.T. -0.000 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

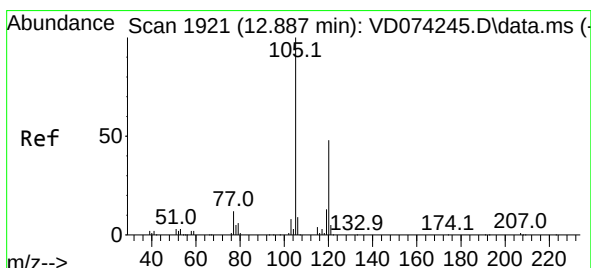
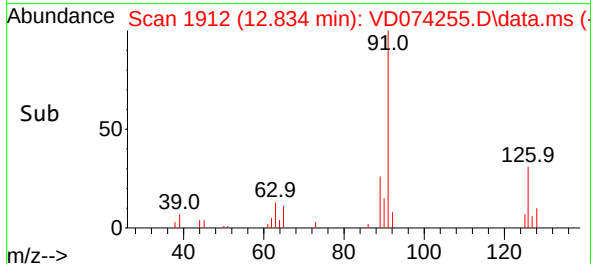
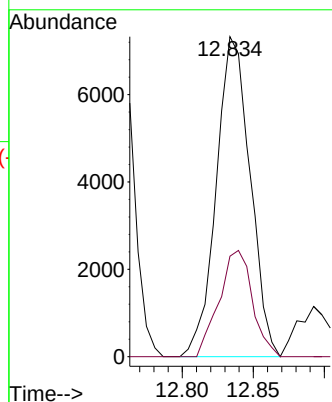
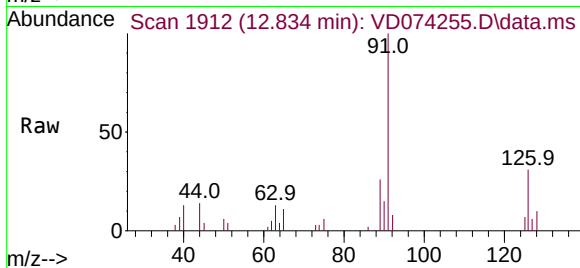
MDL01 2.5PPB

Tgt Ion: 91 Resp: 12158

Ion Ratio Lower Upper

91 100

126 32.5 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 2.634 ug/l

RT: 12.892 min Scan# 1922

Delta R.T. 0.006 min

Lab File: VD074255.D

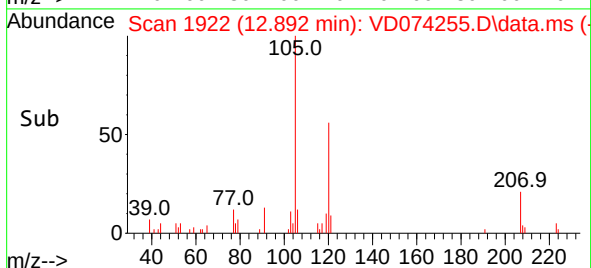
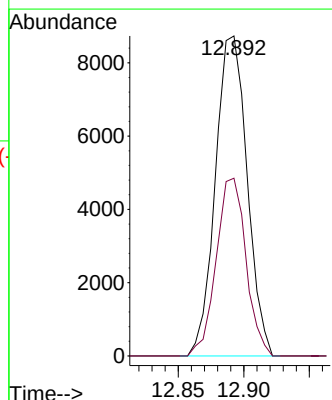
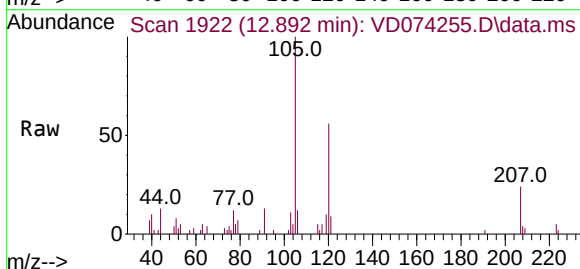
Acq: 12 Sep 2022 14:21

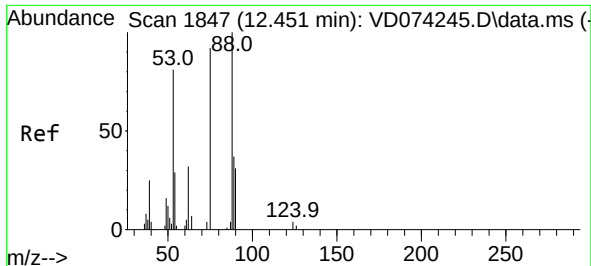
Tgt Ion: 105 Resp: 14702

Ion Ratio Lower Upper

105 100

120 52.1 24.6 74.0

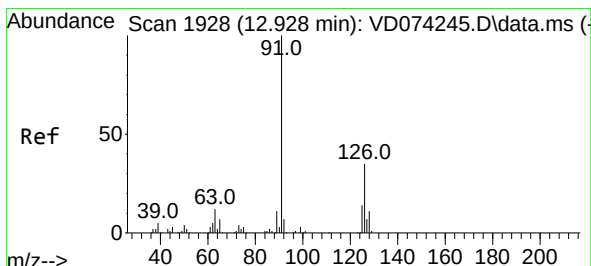
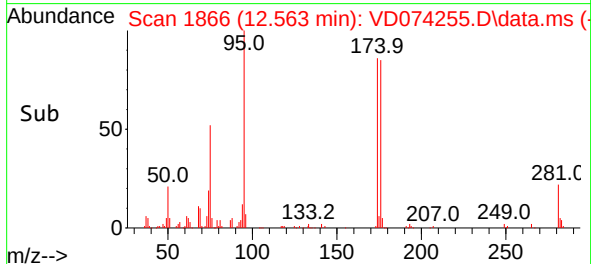
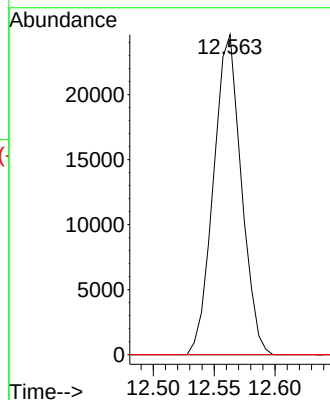
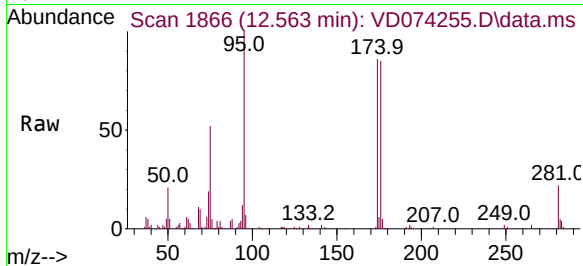




#81
trans-1,4-Dichloro-2-butene
Concen: 118.235 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.112 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

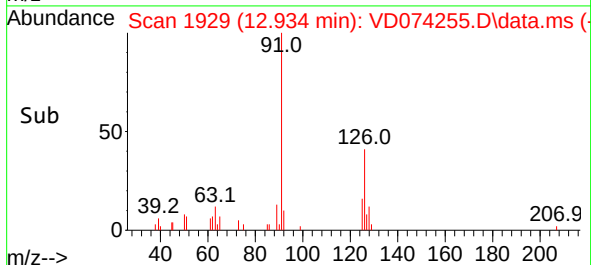
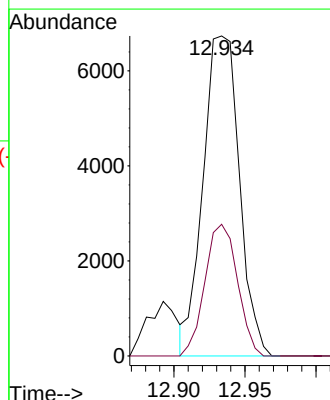
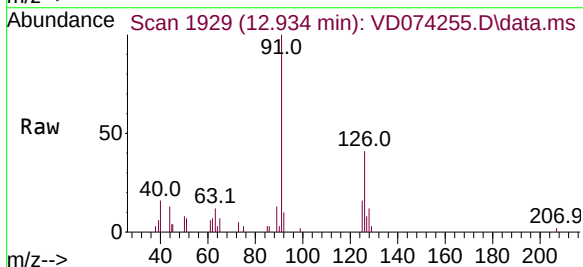
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

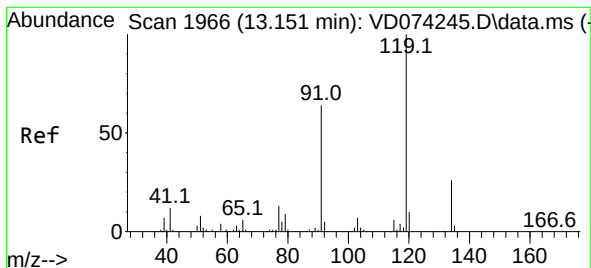
Tgt Ion: 75 Resp: 39148
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 2.628 ug/l
RT: 12.934 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion: 91 Resp: 11956
Ion Ratio Lower Upper
91 100
126 37.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 2.484 ug/l

RT: 13.157 min Scan# 1966

Delta R.T. 0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

MDL01 2.5PPB

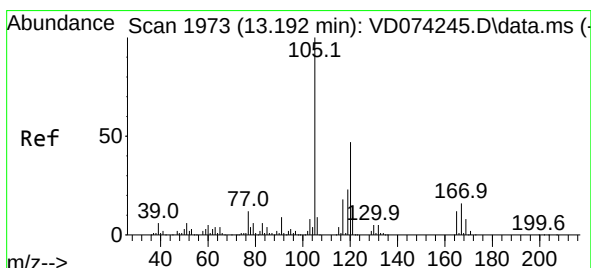
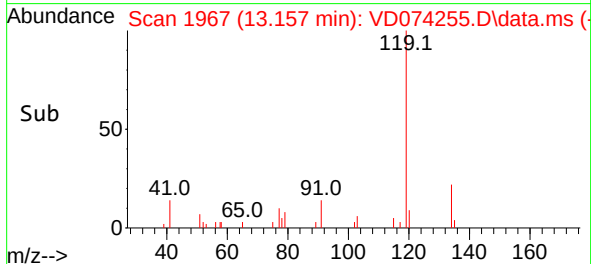
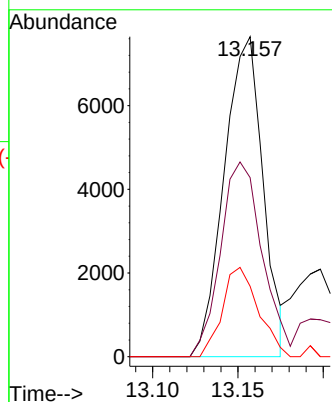
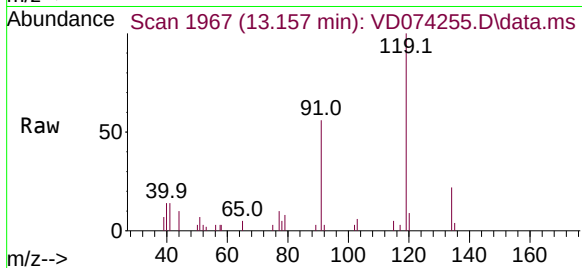
Tgt Ion:119 Resp: 12137

Ion Ratio Lower Upper

119 100

91 65.2 31.3 93.9

134 25.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 2.641 ug/l

RT: 13.198 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VD074255.D

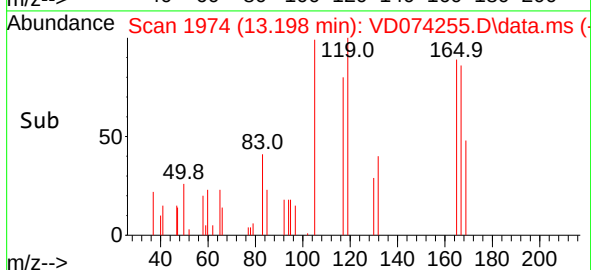
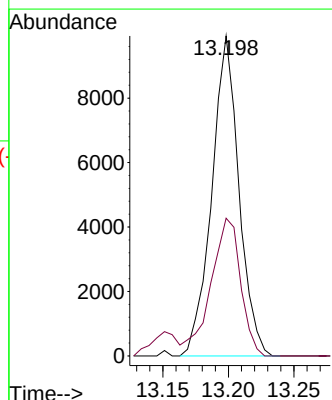
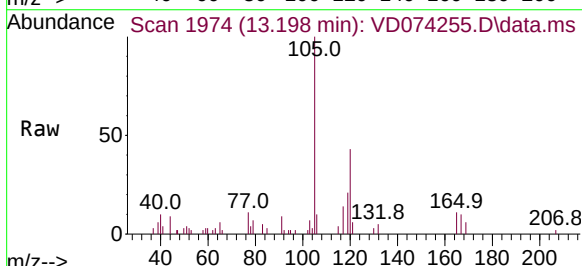
Acq: 12 Sep 2022 14:21

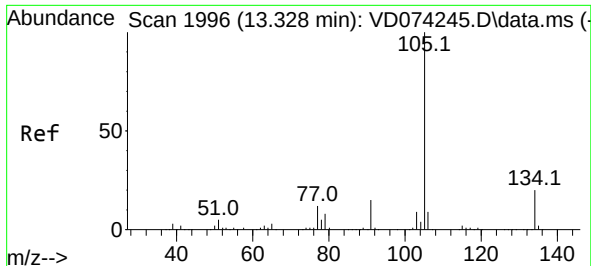
Tgt Ion:105 Resp: 14311

Ion Ratio Lower Upper

105 100

120 47.1 23.1 69.3

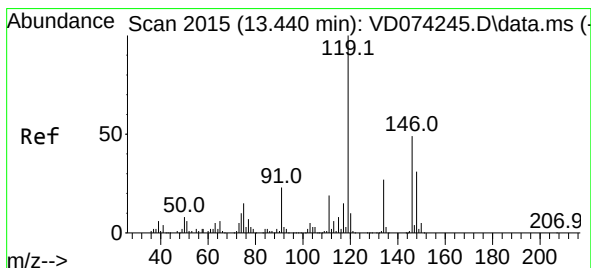
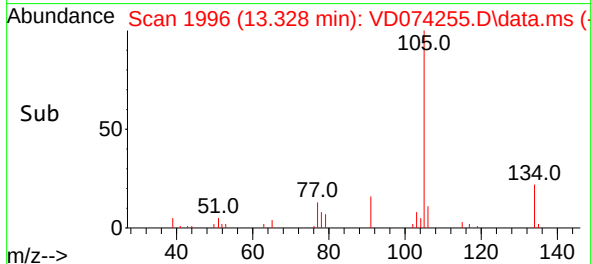
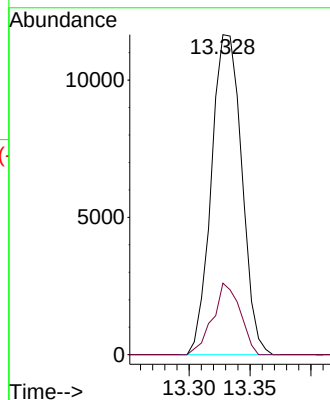
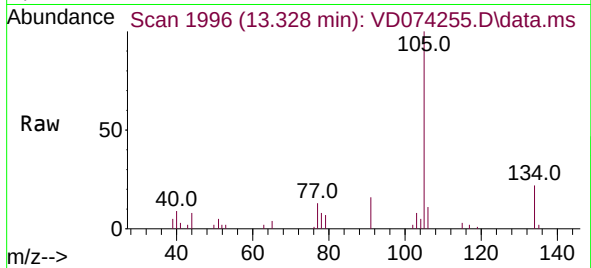




#85
 sec-Butylbenzene
 Concen: 2.732 ug/l
 RT: 13.328 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VD074255.D
 Acq: 12 Sep 2022 14:21

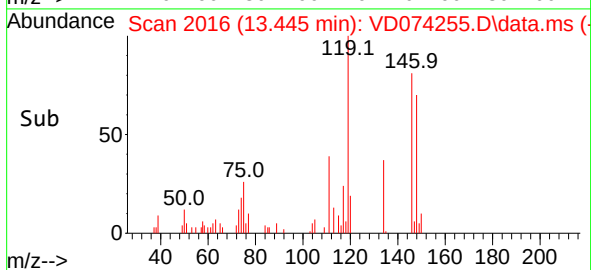
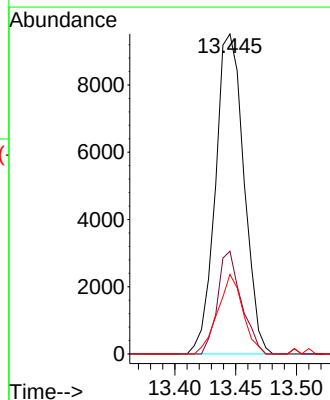
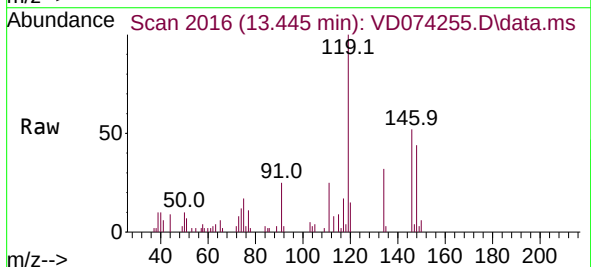
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01 2.5PPB

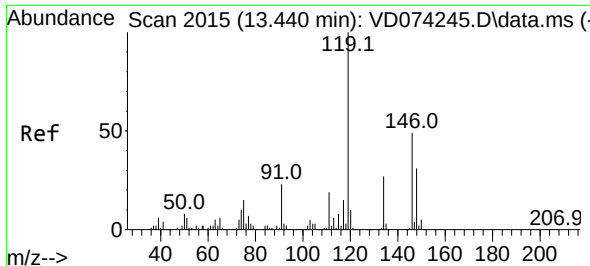
Tgt Ion:105 Resp: 20220
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 2.563 ug/l
 RT: 13.445 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VD074255.D
 Acq: 12 Sep 2022 14:21

Tgt Ion:119 Resp: 15491
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 22.0 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 2.721 ug/l

RT: 13.445 min Scan# 2015

Delta R.T. 0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

MDL01 2.5PPB

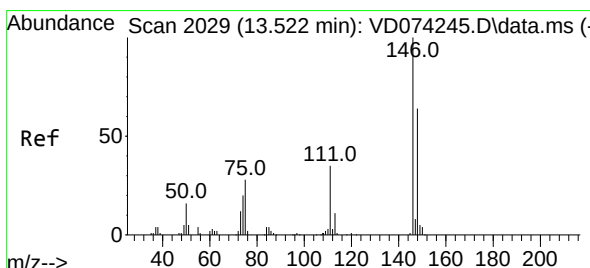
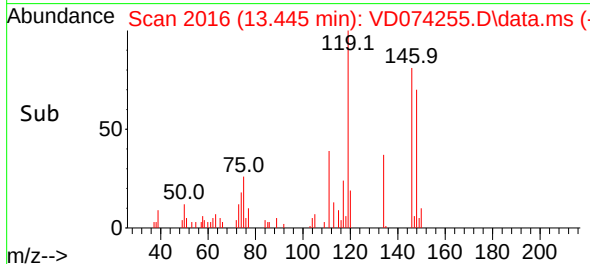
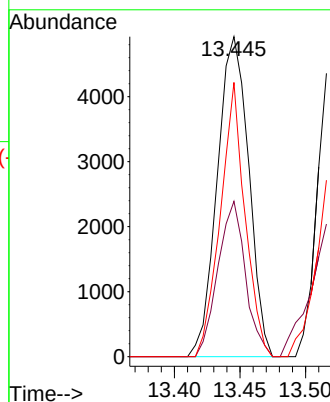
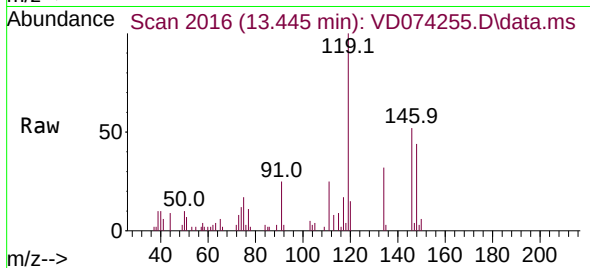
Tgt Ion:146 Resp: 8204

Ion Ratio Lower Upper

146 100

111 42.6 18.1 54.4

148 67.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 2.829 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

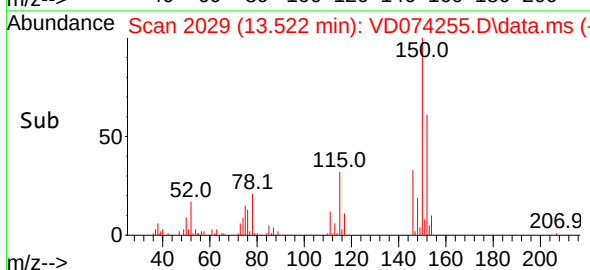
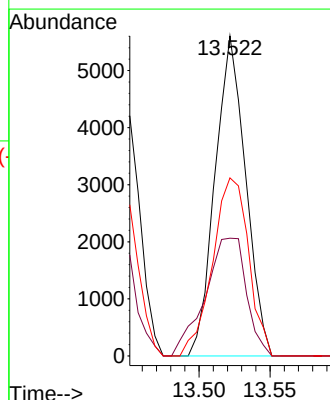
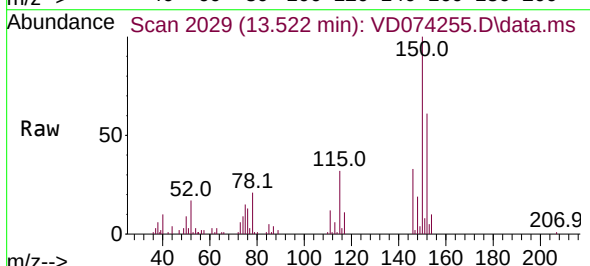
Tgt Ion:146 Resp: 8390

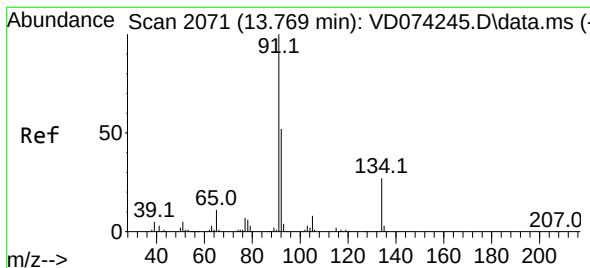
Ion Ratio Lower Upper

146 100

111 49.7 18.4 55.2

148 65.6 32.1 96.5





#89

n-Butylbenzene

Concen: 2.677 ug/l

RT: 13.775 min Scan# 2071

Delta R.T. 0.006 min

Lab File: VD074255.D

Acq: 12 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

MDL01 2.5PPB

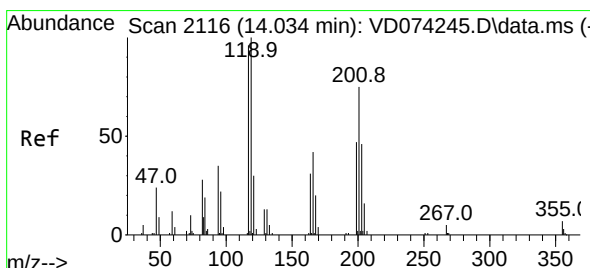
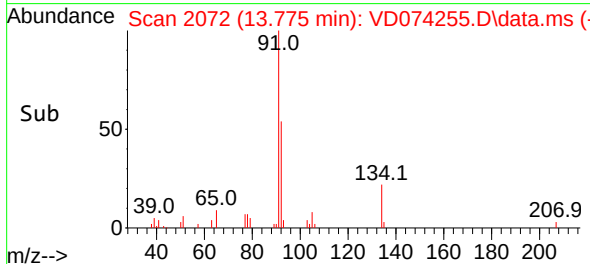
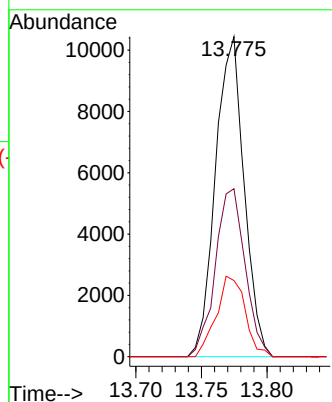
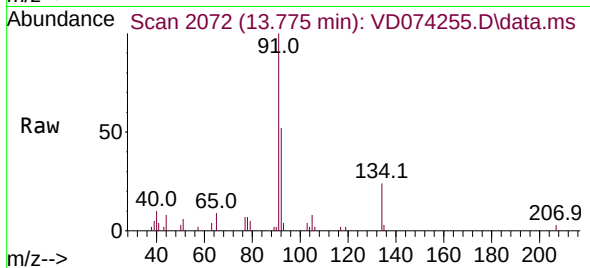
Tgt Ion: 91 Resp: 15811

Ion Ratio Lower Upper

91 100

92 54.6 26.6 79.7

134 25.3 13.1 39.1



#90

Hexachloroethane

Concen: 2.593 ug/l

RT: 14.039 min Scan# 2117

Delta R.T. 0.006 min

Lab File: VD074255.D

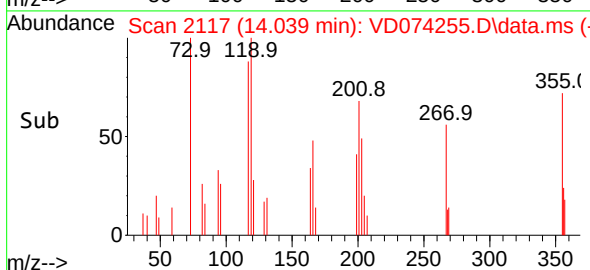
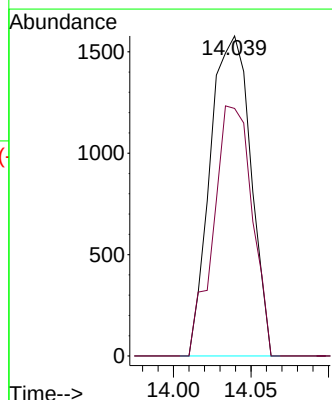
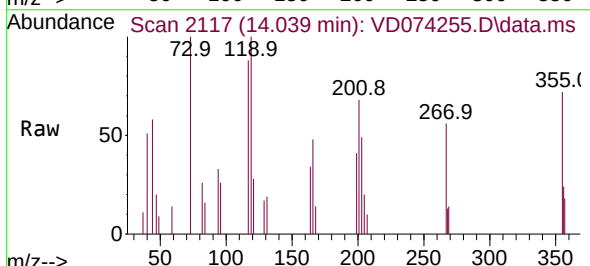
Acq: 12 Sep 2022 14:21

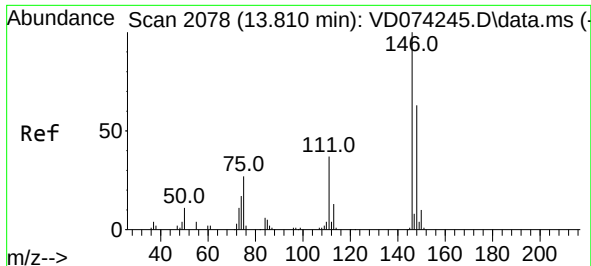
Tgt Ion: 117 Resp: 2868

Ion Ratio Lower Upper

117 100

201 74.7 38.0 113.9

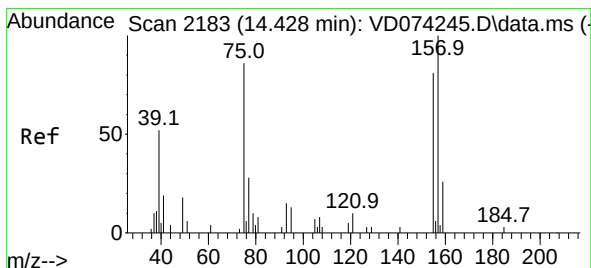
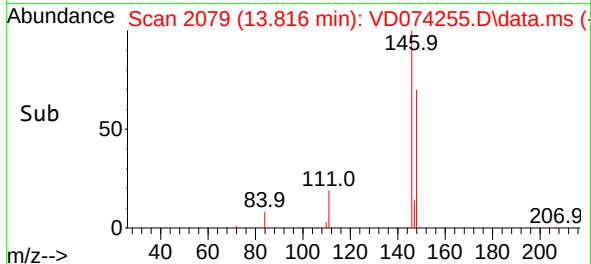
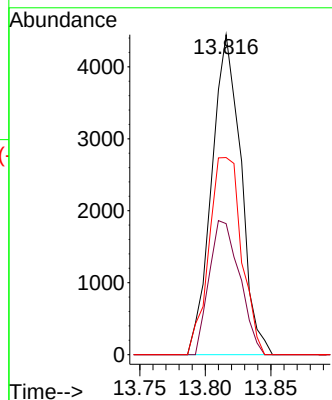
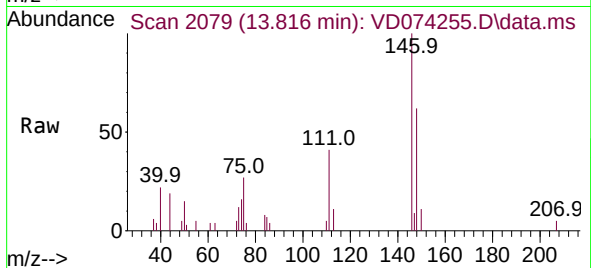




#91
1,2-Dichlorobenzene
Concen: 2.628 ug/l
RT: 13.816 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

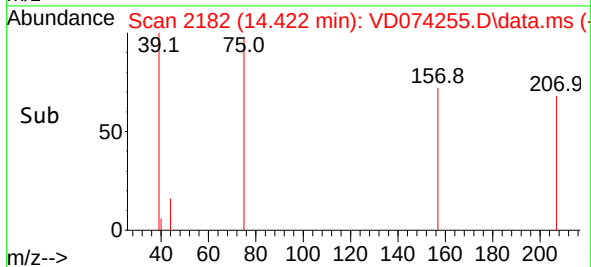
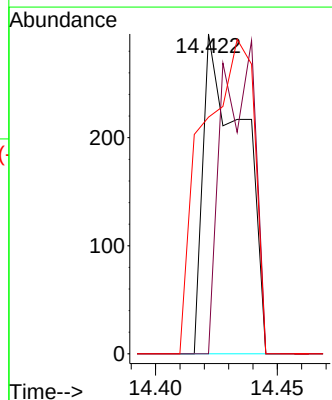
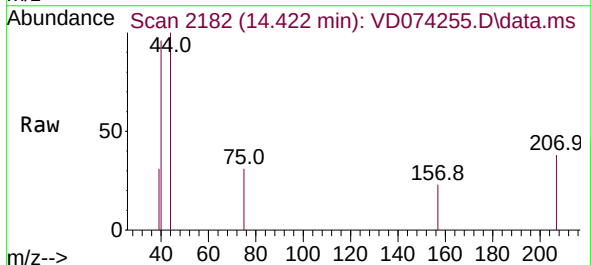
Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

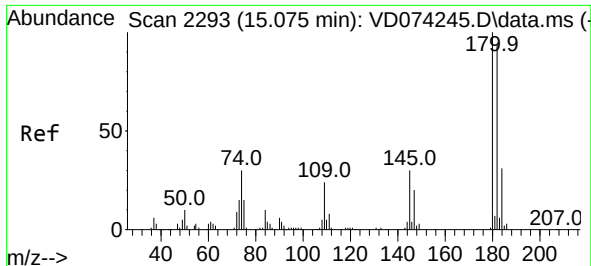
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	19.4	58.4
148	68.7	31.5	94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.926 ug/l
RT: 14.422 min Scan# 2182
Delta R.T. -0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	49.2	147.6
157	128.6	62.1	186.2

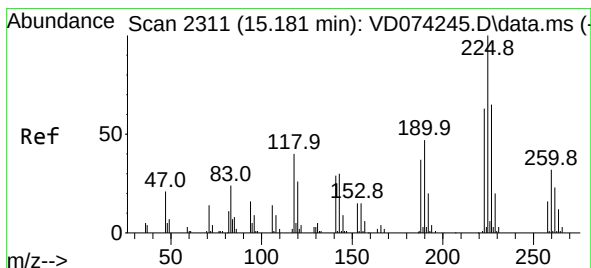
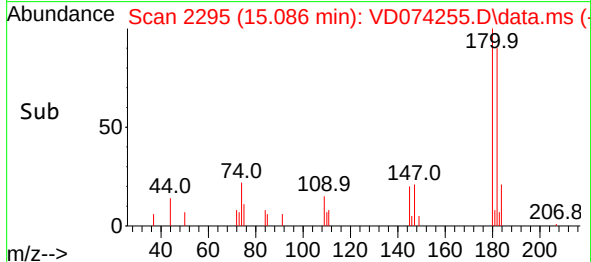
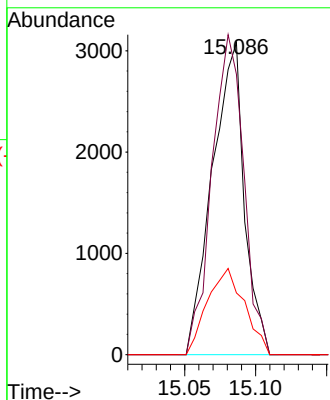
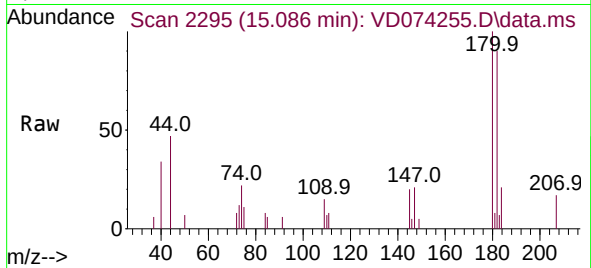




#93
 1,2,4-Trichlorobenzene
 Concen: 2.672 ug/l
 RT: 15.086 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VD074255.D
 Acq: 12 Sep 2022 14:21

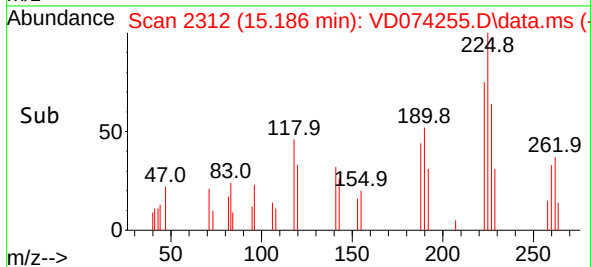
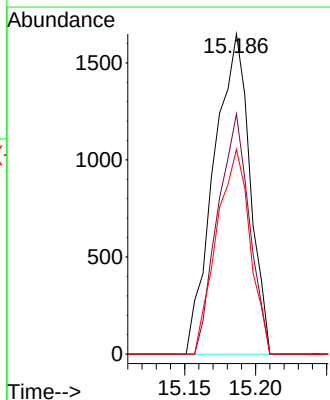
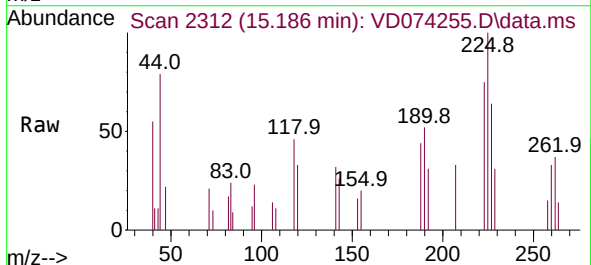
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01 2.5PPB

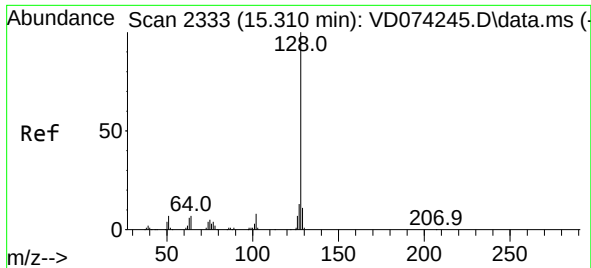
Tgt Ion:180 Resp: 4844
 Ion Ratio Lower Upper
 180 100
 182 101.5 47.6 142.9
 145 32.0 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 2.805 ug/l
 RT: 15.186 min Scan# 2312
 Delta R.T. 0.006 min
 Lab File: VD074255.D
 Acq: 12 Sep 2022 14:21

Tgt Ion:225 Resp: 2906
 Ion Ratio Lower Upper
 225 100
 223 65.8 32.4 97.0
 227 59.1 32.7 98.1

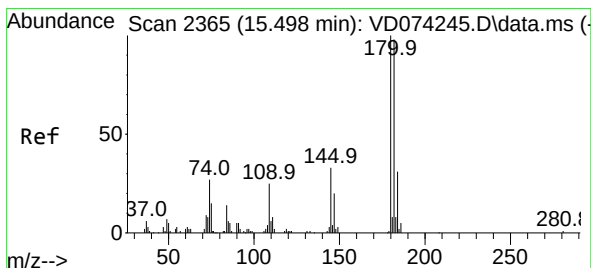
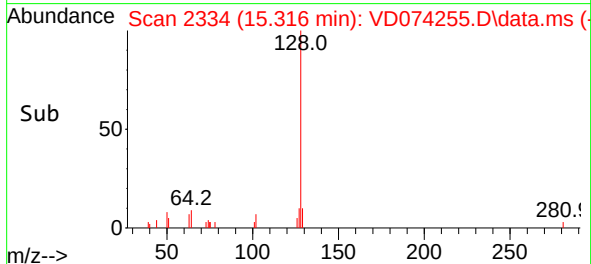
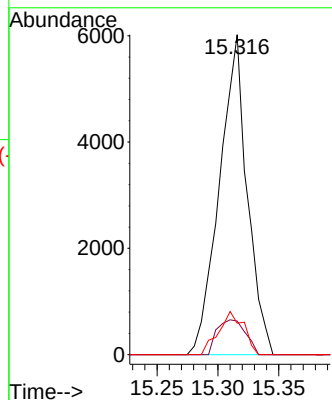
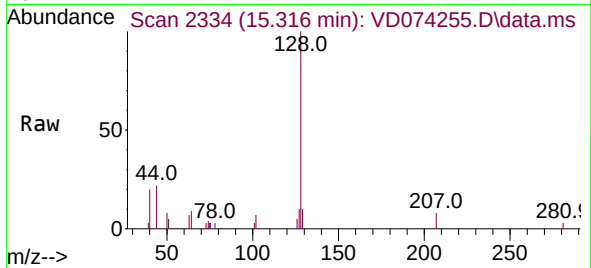




#95
Naphthalene
Concen: 2.824 ug/l
RT: 15.316 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Instrument :
MSVOA_D
ClientSampleId :
MDL01 2.5PPB

Tgt Ion:128	Resp:	9564
Ion	Ratio	Lower Upper
128	100	
127	11.2	10.9 16.3
129	12.3	8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.732 ug/l
RT: 15.504 min Scan# 2366
Delta R.T. 0.006 min
Lab File: VD074255.D
Acq: 12 Sep 2022 14:21

Tgt Ion:180	Resp:	4251
Ion	Ratio	Lower Upper
180	100	
182	100.1	47.5 142.5
145	31.9	15.8 47.3

