

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
 Data File : VD074256.D
 Acq On : 12 Sep 2022 14:50
 Operator : VA/SY
 Sample : MDL-02 2.5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL02 2.5PPB

Quant Time: Sep 13 04:58:50 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	7.869	168	108861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	180629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	161905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	79717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56732	51.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.240%	
35) Dibromofluoromethane	7.804	113	62670	47.720	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.440%	
50) Toluene-d8	10.263	98	236681	53.454	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.900%	
62) 4-Bromofluorobenzene	12.563	95	76352	41.649	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	2852	3.016	ug/l	95
3) Chloromethane	2.140	50	2279	2.801	ug/l	94
4) Vinyl Chloride	2.269	62	1997	2.881	ug/l	94
5) Bromomethane	2.681	94	1606	4.399	ug/l	98
6) Chloroethane	2.822	64	1226	2.970	ug/l	90
7) Trichlorofluoromethane	3.158	101	5362	2.780	ug/l	96
8) Diethyl Ether	3.593	74	1460	2.346	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.946	101	3671	2.958	ug/l	96
10) Methyl Iodide	4.163	142	2132	1.442	ug/l #	89
11) Tert butyl alcohol	5.063	59	1189	13.136	ug/l #	74
12) 1,1-Dichloroethene	3.922	96	3502	2.923	ug/l	97
13) Acrolein	3.787	56	1004	10.435	ug/l	93
14) Allyl chloride	4.558	41	4505	2.423	ug/l	95
15) Acrylonitrile	5.257	53	3705	12.770	ug/l	96
16) Acetone	4.028	43	3974	17.347	ug/l	98
17) Carbon Disulfide	4.258	76	9065	2.623	ug/l	98
18) Methyl Acetate	4.563	43	2676	3.491	ug/l #	69
19) Methyl tert-butyl Ether	5.316	73	7775	2.679	ug/l	93
20) Methylene Chloride	4.799	84	16804	9.482	ug/l	98
21) trans-1,2-Dichloroethene	5.305	96	3974	2.941	ug/l	95
22) Diisopropyl ether	6.216	45	10018	2.539	ug/l	99
23) Vinyl Acetate	6.152	43	14782	7.935	ug/l	98
24) 1,1-Dichloroethane	6.104	63	6574	2.697	ug/l #	85
25) 2-Butanone	7.087	43	5694	14.903	ug/l	94
26) 2,2-Dichloropropane	7.075	77	5191	2.438	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	3722	2.410	ug/l	86
28) Bromochloromethane	7.422	49	2414	3.225	ug/l #	96
29) Tetrahydrofuran	7.434	42	1634	6.937	ug/l #	32
30) Chloroform	7.587	83	7036	2.909	ug/l	99
31) Cyclohexane	7.869	56	8212	3.580	ug/l #	62
32) 1,1,1-Trichloroethane	7.787	97	5931	2.794	ug/l	97
36) 1,1-Dichloropropene	7.998	75	5063	2.590	ug/l	98
37) Ethyl Acetate	7.169	43	2492	2.939	ug/l #	67
38) Carbon Tetrachloride	7.993	117	4197	2.373	ug/l #	91
39) Methylcyclohexane	9.269	83	6184	2.555	ug/l	98
40) Benzene	8.251	78	14232	2.630	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	1127	2.387	ug/l #	85
42) 1,2-Dichloroethane	8.316	62	3976	2.781	ug/l	92
43) Isopropyl Acetate	8.357	43	3990	2.436	ug/l #	94
44) Trichloroethene	9.022	130	3962	2.638	ug/l	83
45) 1,2-Dichloropropane	9.298	63	3495	2.485	ug/l	98
46) Dibromomethane	9.393	93	1781	2.439	ug/l	96
47) Bromodichloromethane	9.581	83	4741	2.581	ug/l #	96
48) Methyl methacrylate	9.369	41	2079	2.688	ug/l	94
49) 1,4-Dioxane	9.375	88	334	38.631	ug/l #	38
51) 4-Methyl-2-Pentanone	10.151	43	11081	13.388	ug/l	91
52) Toluene	10.328	92	9840	2.835	ug/l	95
53) t-1,3-Dichloropropene	10.545	75	3631	2.097	ug/l	98
54) cis-1,3-Dichloropropene	10.010	75	4796	2.248	ug/l	90
55) 1,1,2-Trichloroethane	10.722	97	2653	2.629	ug/l #	88
56) Ethyl methacrylate	10.598	69	3149	2.348	ug/l	96
57) 1,3-Dichloropropane	10.875	76	4674	2.624	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	3453	12.350	ug/l	96
59) 2-Hexanone	10.916	43	7253	12.904	ug/l	95
60) Dibromochloromethane	11.069	129	3410	2.775	ug/l	89
61) 1,2-Dibromoethane	11.169	107	2590	2.696	ug/l	94
64) Tetrachloroethene	10.804	164	3599	2.907	ug/l	87
65) Chlorobenzene	11.598	112	9814	2.696	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.669	131	3505	2.689	ug/l	92
67) Ethyl Benzene	11.675	91	18122	2.665	ug/l	97
68) m/p-Xylenes	11.781	106	13776	5.339	ug/l	98
69) o-Xylene	12.110	106	6438	2.640	ug/l	99
70) Styrene	12.122	104	10974	2.698	ug/l	98
71) Bromoform	12.292	173	1922	2.648	ug/l #	84
73) Isopropylbenzene	12.410	105	17033	2.525	ug/l	97
74) N-amyl acetate	12.216	43	3834	2.414	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.663	83	3379	2.751	ug/l #	93
76) 1,2,3-Trichloropropane	12.710	75	3628	4.439	ug/l #	100
77) Bromobenzene	12.686	156	3825	2.584	ug/l	97
78) n-propylbenzene	12.751	91	21485	2.598	ug/l	100
79) 2-Chlorotoluene	12.834	91	11622	2.598	ug/l	98
80) 1,3,5-Trimethylbenzene	12.892	105	15034	2.690	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	38700	116.758	ug/l #	100
82) 4-Chlorotoluene	12.934	91	12188	2.676	ug/l	100
83) tert-Butylbenzene	13.157	119	12567	2.569	ug/l	98
84) 1,2,4-Trimethylbenzene	13.198	105	14737	2.717	ug/l	96
85) sec-Butylbenzene	13.334	105	18598	2.510	ug/l	98
86) p-Isopropyltoluene	13.445	119	15524	2.565	ug/l	99
87) 1,3-Dichlorobenzene	13.445	146	8073	2.674	ug/l	97
88) 1,4-Dichlorobenzene	13.522	146	8715	2.936	ug/l	96
89) n-Butylbenzene	13.775	91	15553	2.630	ug/l	99
90) Hexachloroethane	14.033	117	2653	2.397	ug/l	89
91) 1,2-Dichlorobenzene	13.810	146	7019	2.674	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.433	75	458	2.654	ug/l	87
93) 1,2,4-Trichlorobenzene	15.080	180	4717	2.599	ug/l	97
94) Hexachlorobutadiene	15.186	225	2732	2.635	ug/l	93
95) Naphthalene	15.316	128	9349	2.757	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.504	180	4322	2.774	ug/l	96

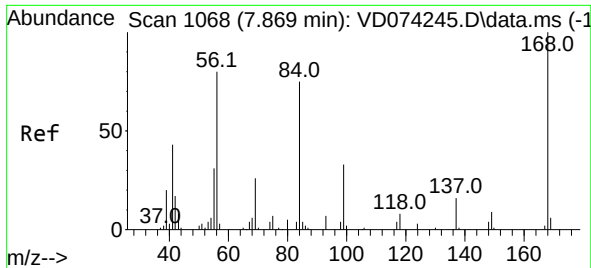
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Response via : Initial Calibration

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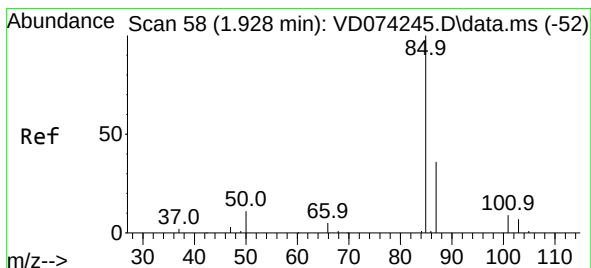
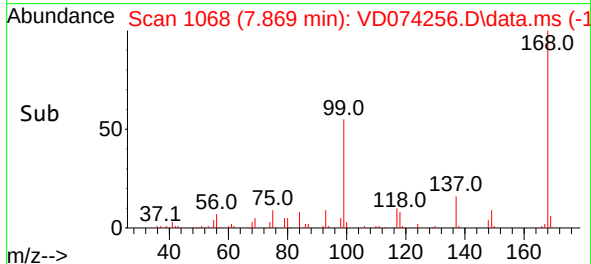
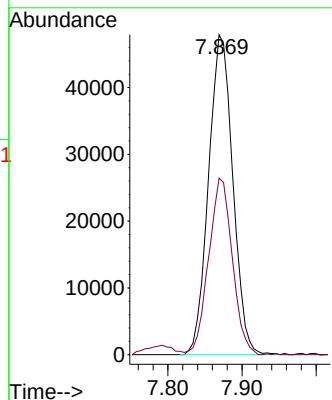
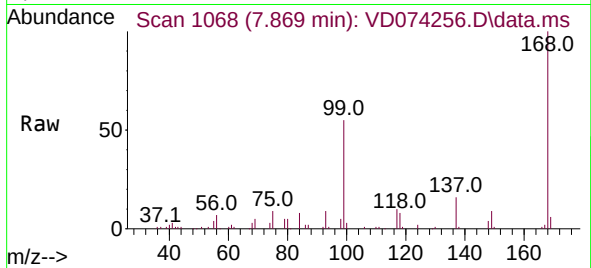
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
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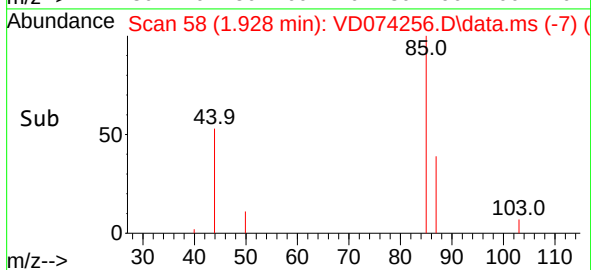
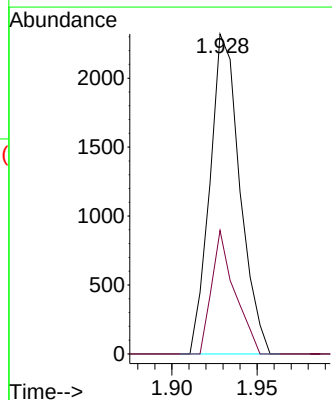
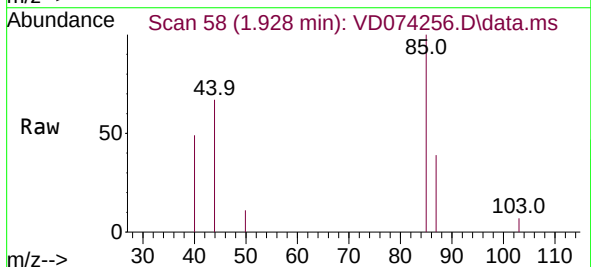
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

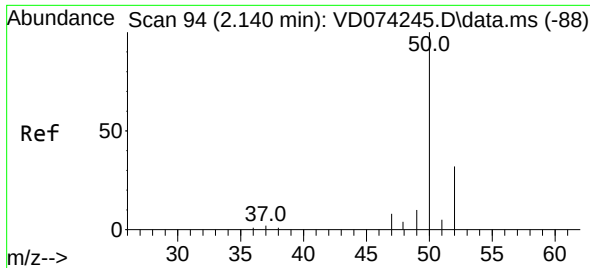
Tgt Ion:168 Resp: 108861
Ion Ratio Lower Upper
168 100
99 55.1 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 3.016 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 85 Resp: 2852
Ion Ratio Lower Upper
85 100
87 38.6 17.9 53.7

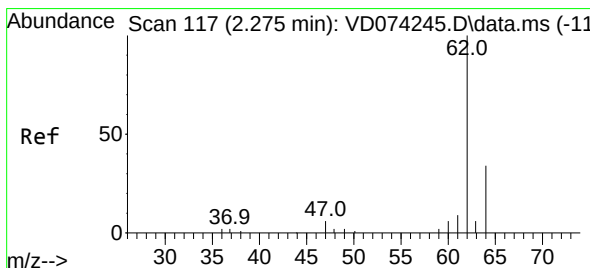
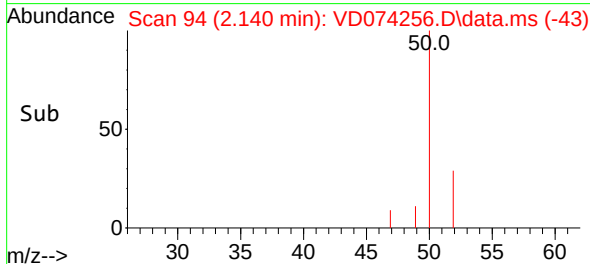
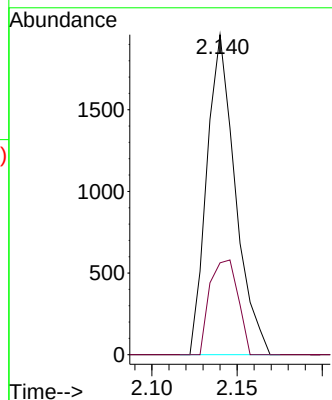
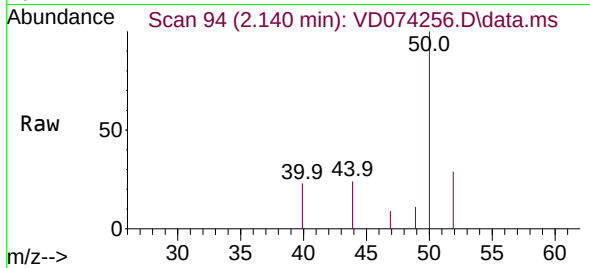




#3
Chloromethane
Concen: 2.801 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

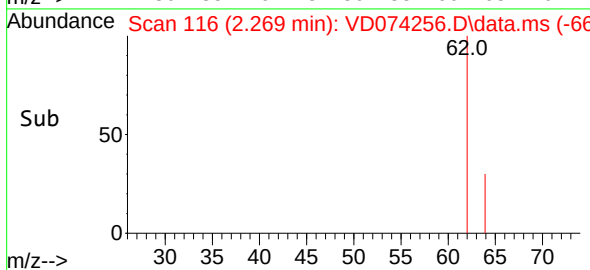
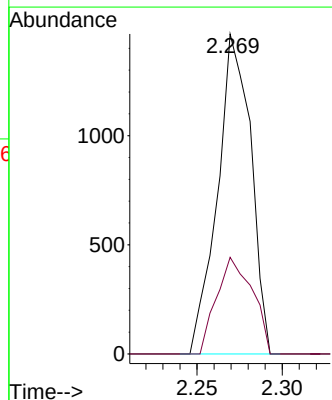
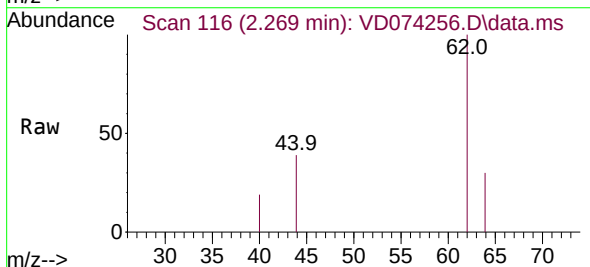
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

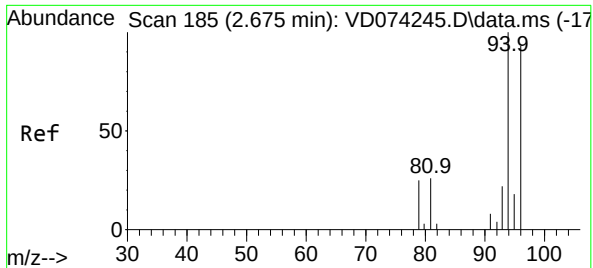
Tgt Ion: 50 Resp: 2279
Ion Ratio Lower Upper
50 100
52 28.7 25.8 38.8



#4
Vinyl Chloride
Concen: 2.881 ug/l
RT: 2.269 min Scan# 116
Delta R.T. -0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 62 Resp: 1997
Ion Ratio Lower Upper
62 100
64 30.2 27.0 40.4

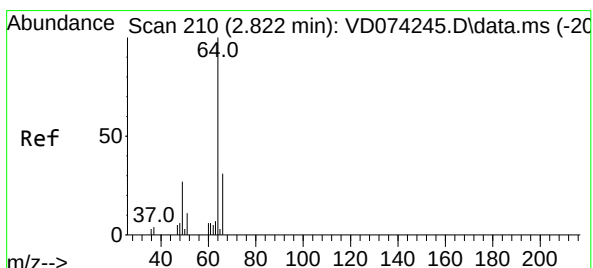
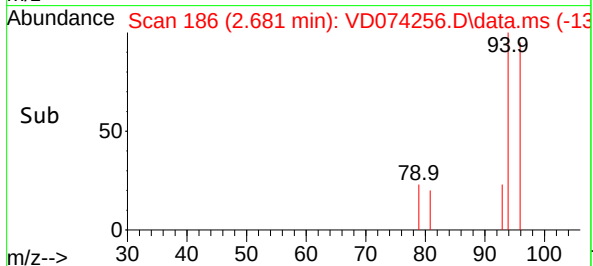
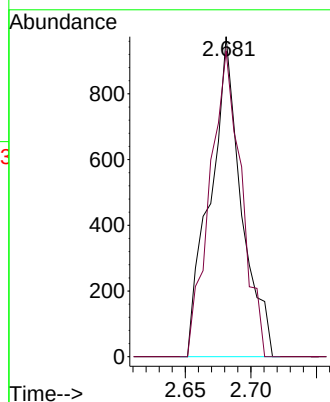
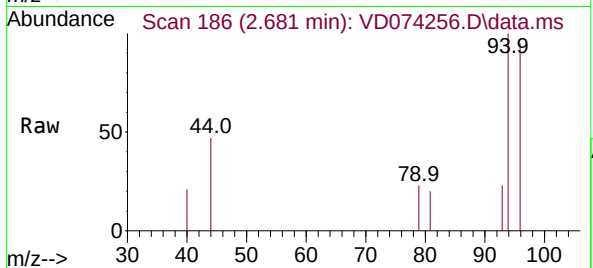




#5
Bromomethane
Concen: 4.399 ug/l
RT: 2.681 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

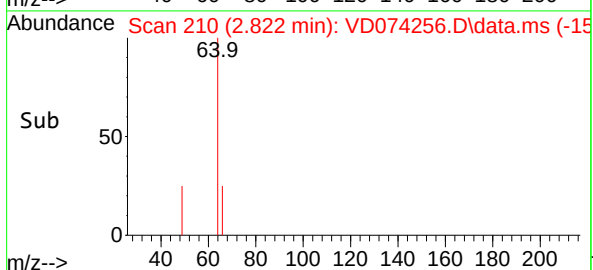
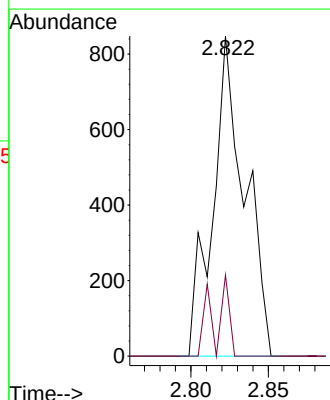
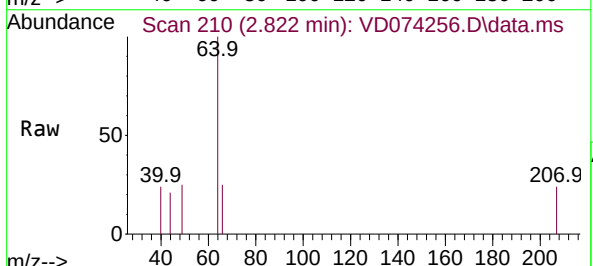
Instrument :
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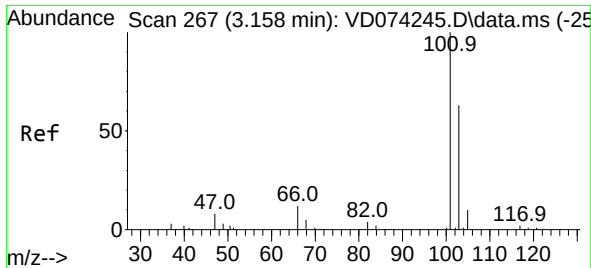
Tgt Ion: 94 Resp: 1606
Ion Ratio Lower Upper
94 100
96 95.5 74.6 112.0



#6
Chloroethane
Concen: 2.970 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 64 Resp: 1226
Ion Ratio Lower Upper
64 100
66 25.4 24.6 36.8

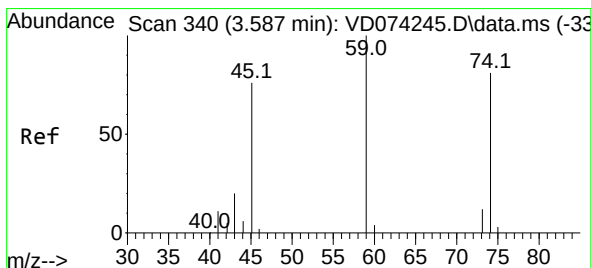
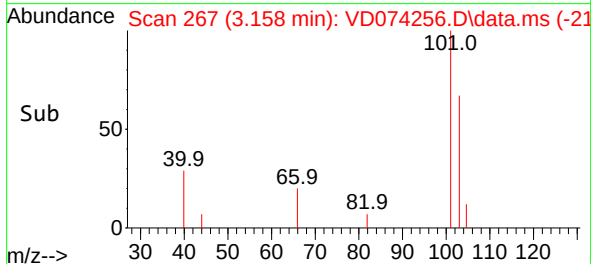
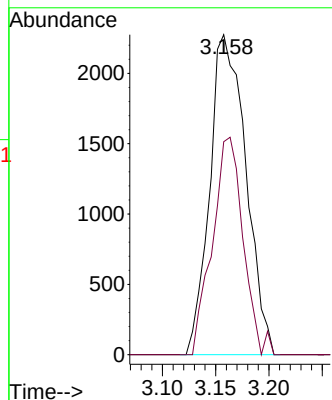
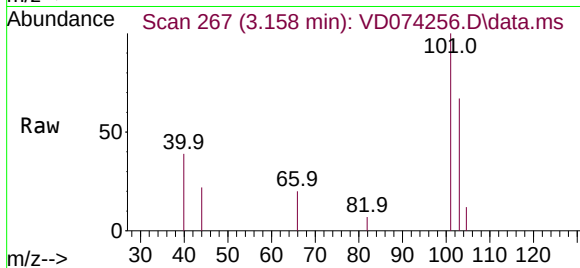




#7
Trichlorofluoromethane
Concen: 2.780 ug/l
RT: 3.158 min Scan# 210
Delta R.T. -0.000 min
Lab File: VD074256.D
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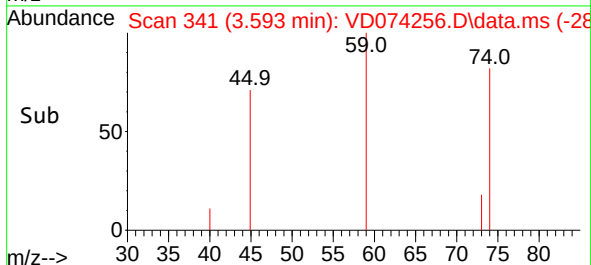
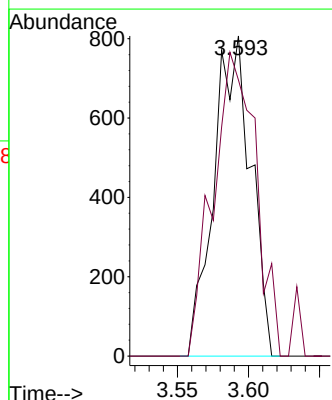
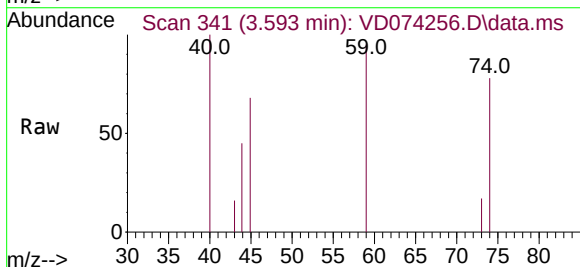
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MDL02 2.5PPB

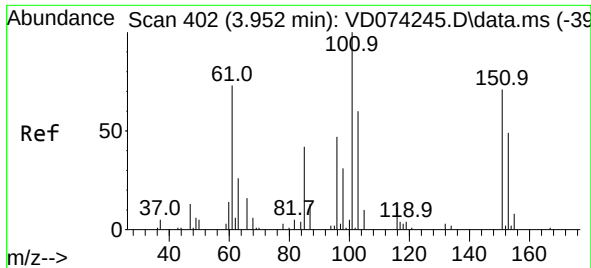
Tgt Ion:101 Resp: 5362
Ion Ratio Lower Upper
101 100
103 66.5 50.6 76.0



#8
Diethyl Ether
Concen: 2.346 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 74 Resp: 1460
Ion Ratio Lower Upper
74 100
45 109.9 47.9 143.6

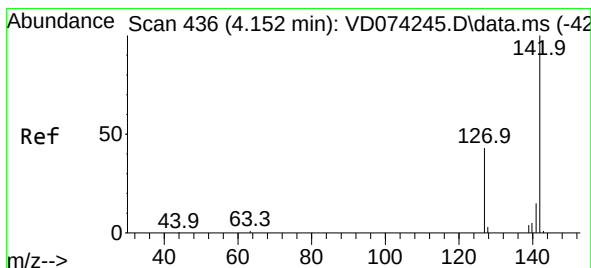
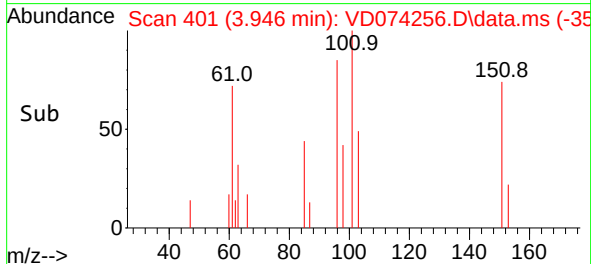
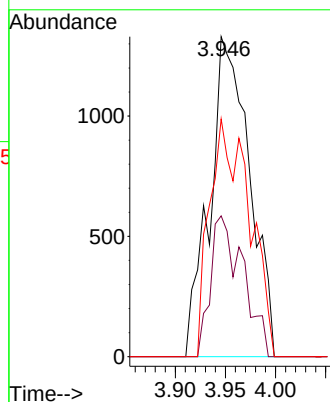
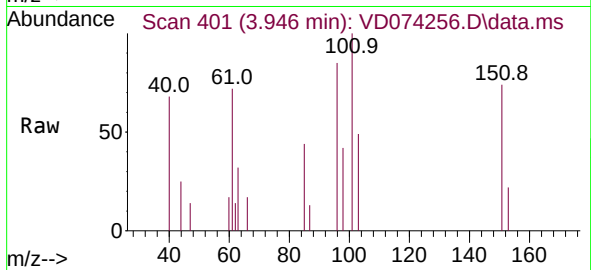




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.958 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD074256.D
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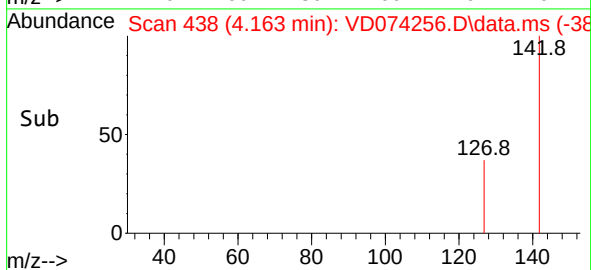
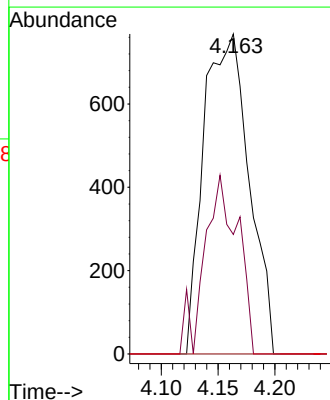
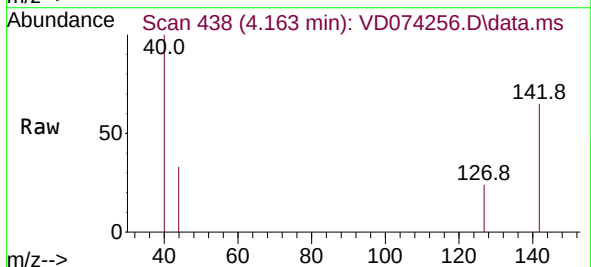
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

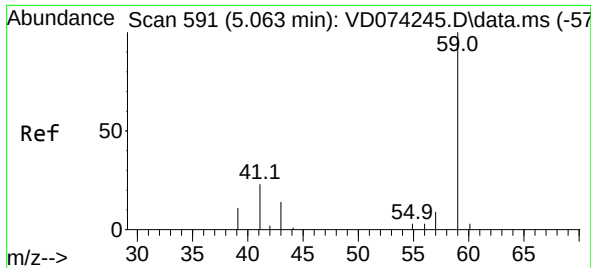
Tgt Ion:101 Resp: 3671
Ion Ratio Lower Upper
101 100
85 35.9 35.0 52.4
151 74.6 59.7 89.5



#10
Methyl Iodide
Concen: 1.442 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.012 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion:142 Resp: 2132
Ion Ratio Lower Upper
142 100
127 41.2 34.6 51.8
141 0.0 11.7 17.5#

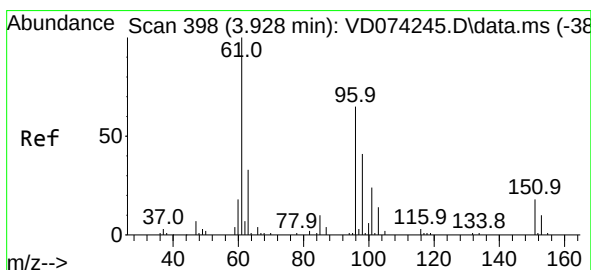
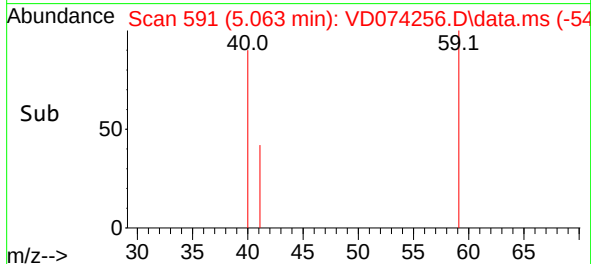
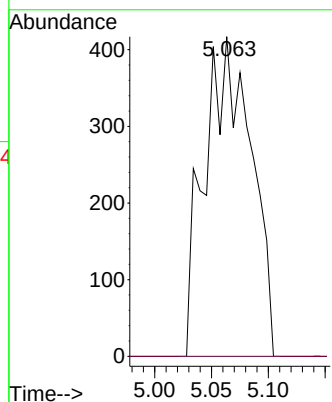
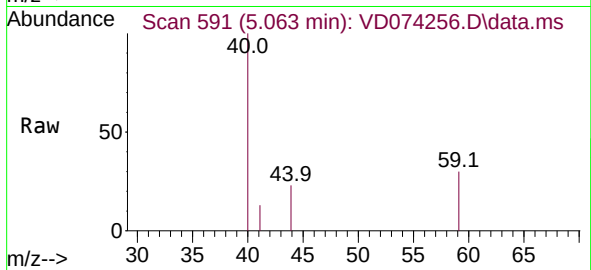




#11
Tert butyl alcohol
Concen: 13.136 ug/l
RT: 5.063 min Scan# 591
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

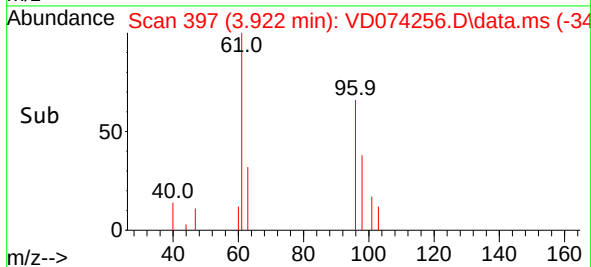
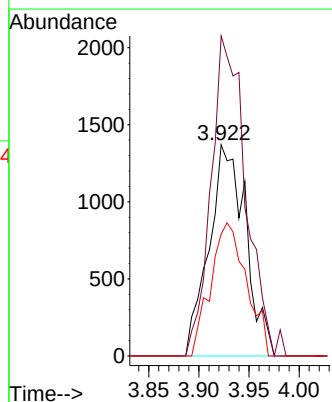
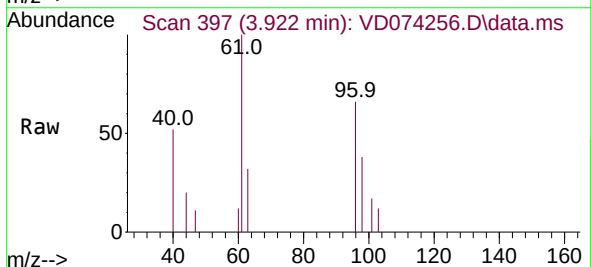
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

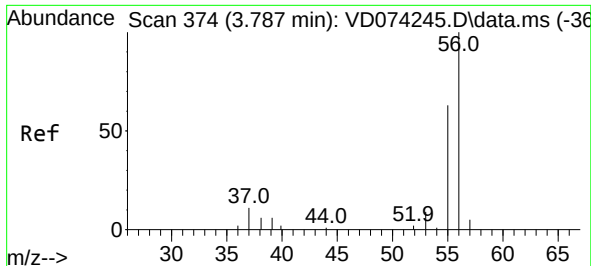
Tgt Ion: 59 Resp: 1189
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 2.923 ug/l
RT: 3.922 min Scan# 397
Delta R.T. -0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 96 Resp: 3502
Ion Ratio Lower Upper
96 100
61 151.5 122.3 183.5
98 57.7 50.7 76.1





#13

Acrolein

Concen: 10.435 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

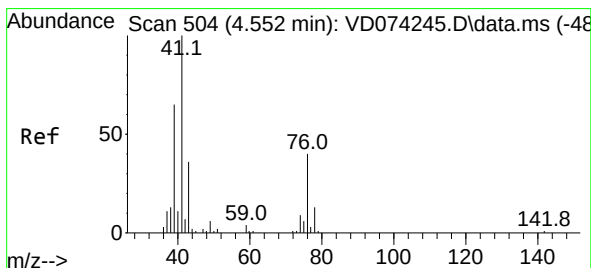
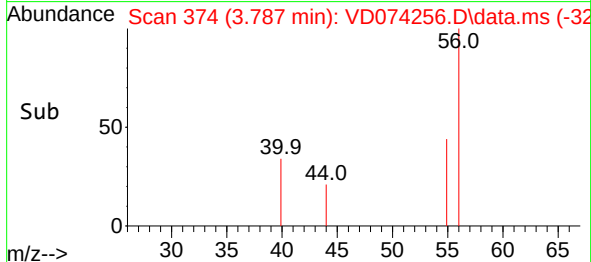
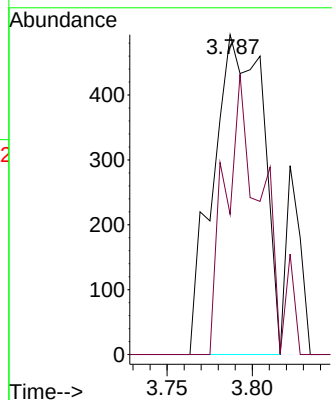
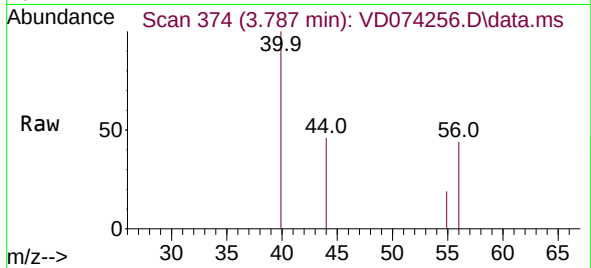
MDL02 2.5PPB

Tgt Ion: 56 Resp: 1004

Ion Ratio Lower Upper

56 100

55 65.6 57.4 86.2



#14

Allyl chloride

Concen: 2.423 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

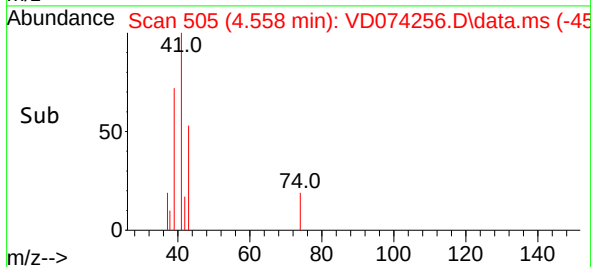
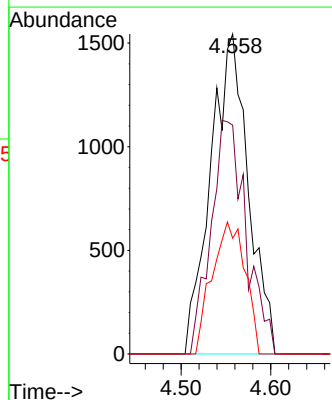
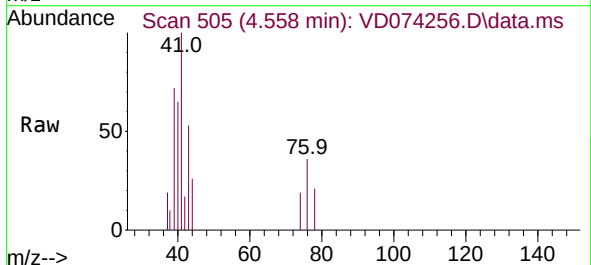
Tgt Ion: 41 Resp: 4505

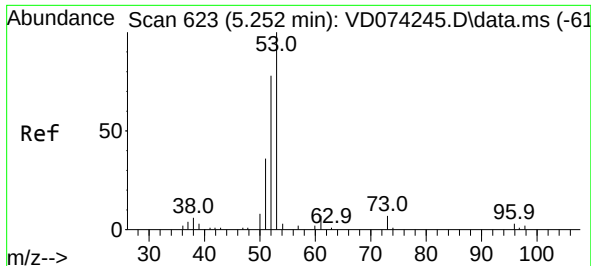
Ion Ratio Lower Upper

41 100

39 68.1 52.8 79.2

76 36.2 32.9 49.3

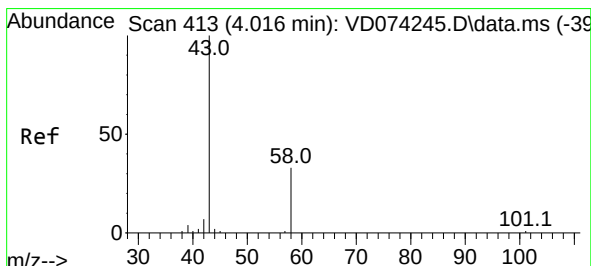
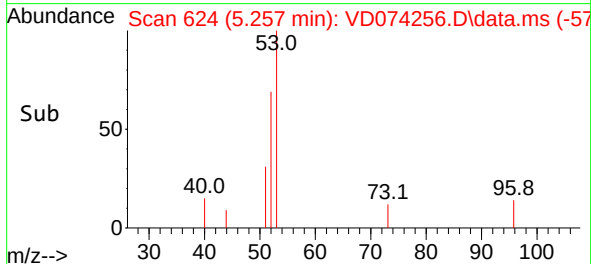
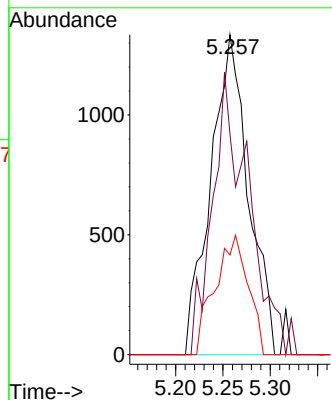
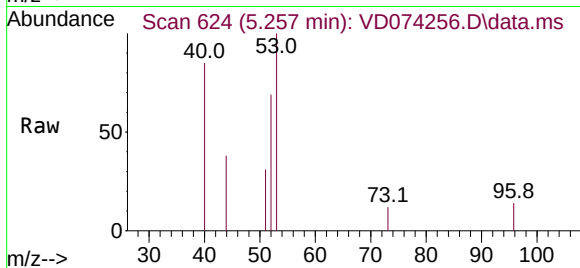




#15
Acrylonitrile
Concen: 12.770 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

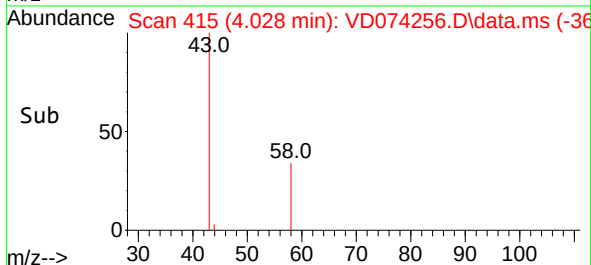
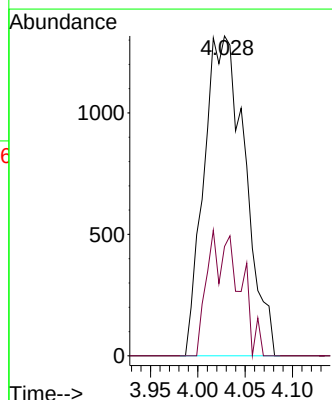
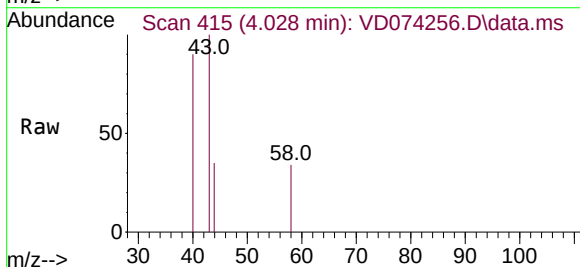
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

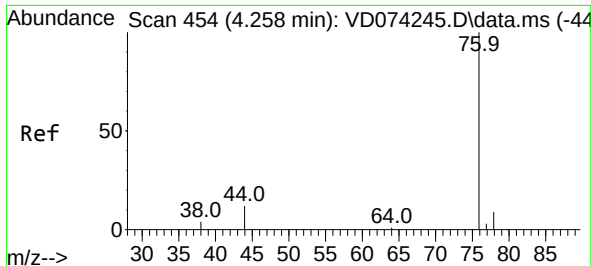
Tgt Ion: 53	Resp:	3705	
Ion	Ratio	Lower	Upper
53	100		
52	85.0	65.3	97.9
51	32.9	29.0	43.6



#16
Acetone
Concen: 17.347 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 43	Resp:	3974	
Ion	Ratio	Lower	Upper
43	100		
58	34.2	26.4	39.6

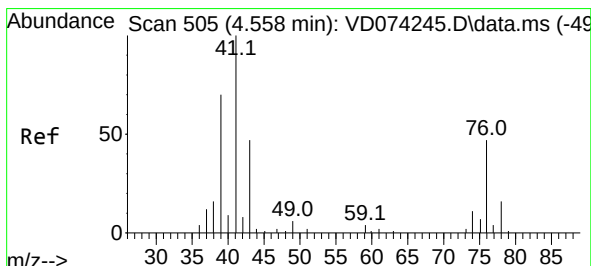
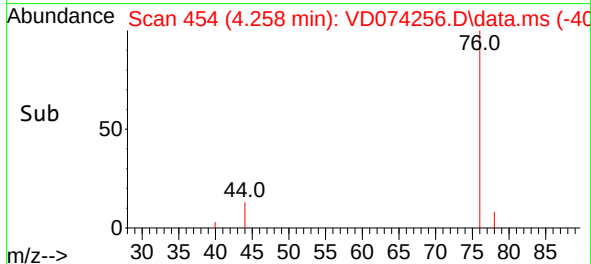
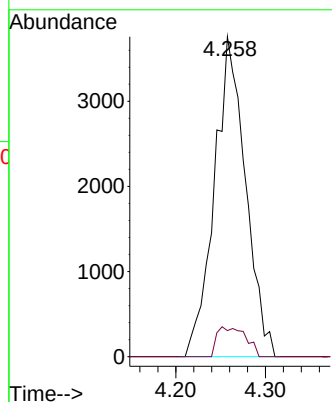
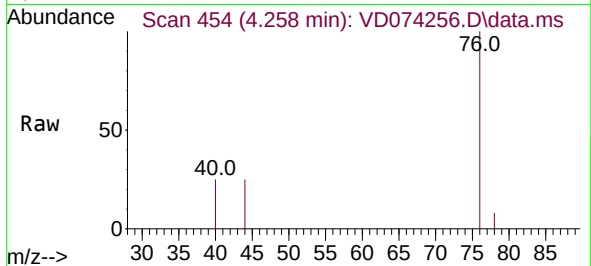




#17
Carbon Disulfide
Concen: 2.623 ug/l
RT: 4.258 min Scan# 417
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

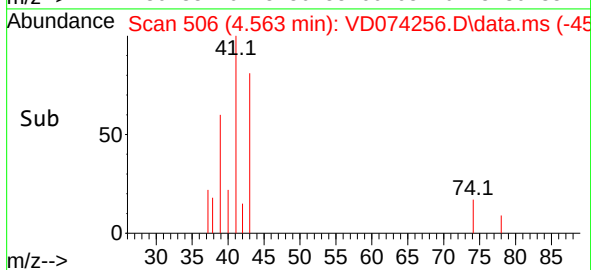
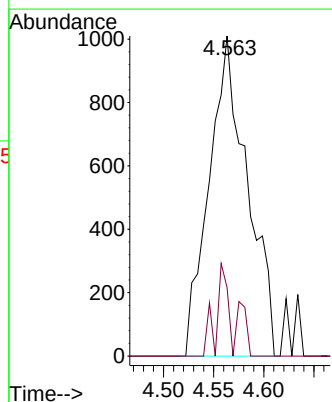
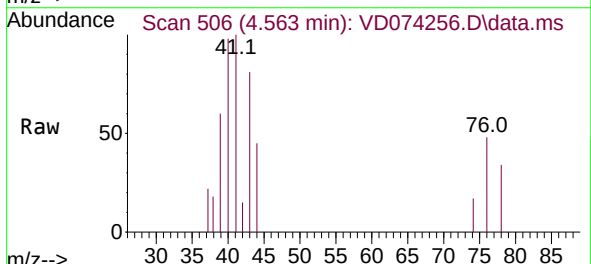
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

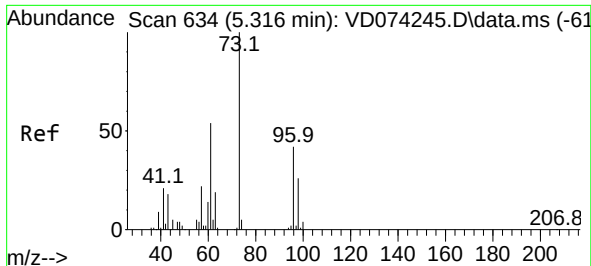
Tgt Ion: 76 Resp: 9065
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#18
Methyl Acetate
Concen: 3.491 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 43 Resp: 2676
Ion Ratio Lower Upper
43 100
74 8.9 19.3 28.9#





#19

Methyl tert-butyl Ether

Concen: 2.679 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

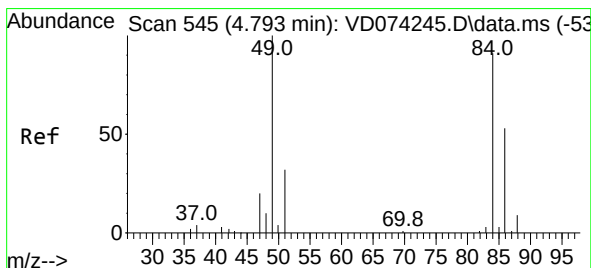
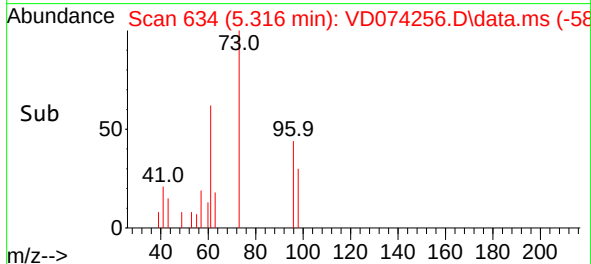
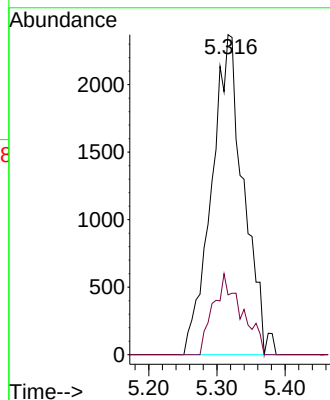
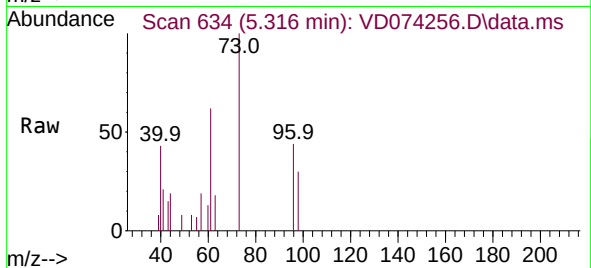
MDL02 2.5PPB

Tgt Ion: 73 Resp: 7775

Ion Ratio Lower Upper

73 100

57 18.7 17.8 26.6



#20

Methylene Chloride

Concen: 9.482 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.006 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Tgt Ion: 84 Resp: 16804

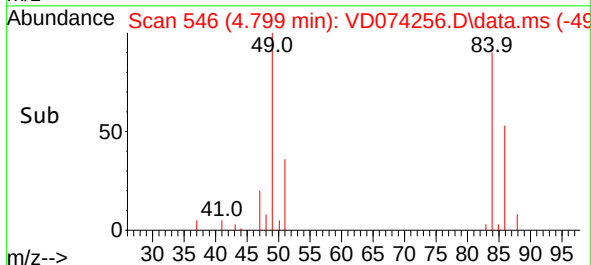
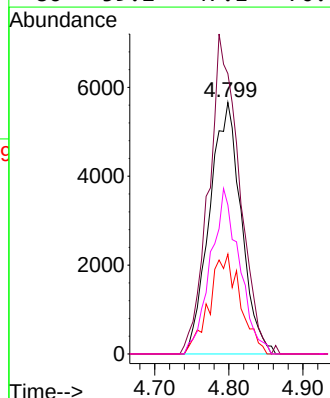
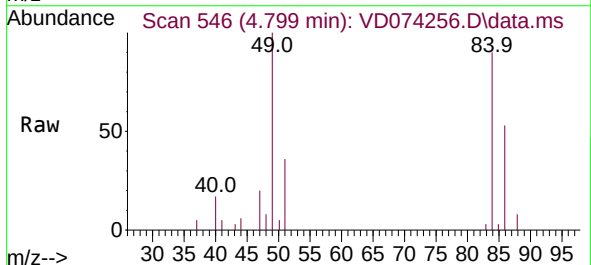
Ion Ratio Lower Upper

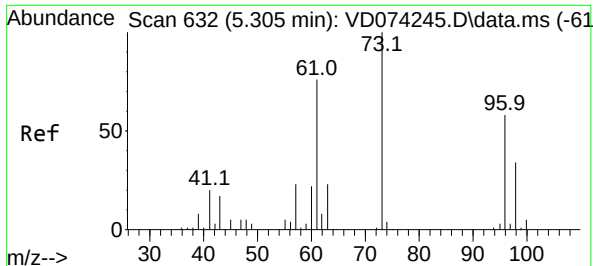
84 100

49 111.4 88.4 132.6

51 39.7 28.0 42.0

86 59.2 47.1 70.7

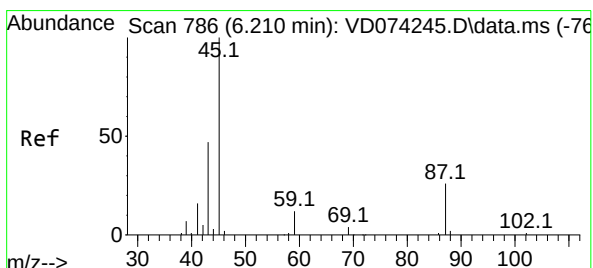
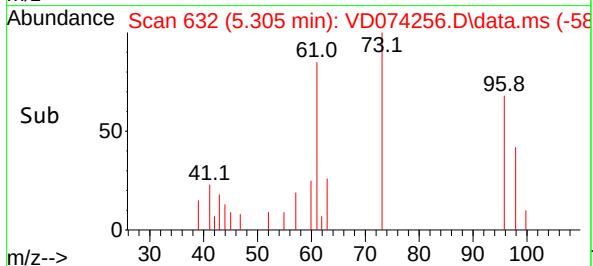
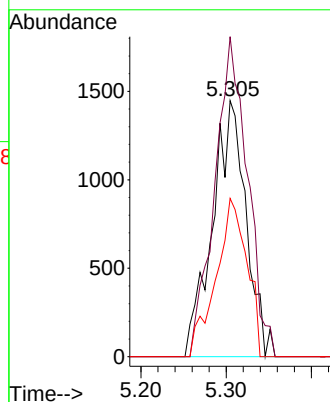
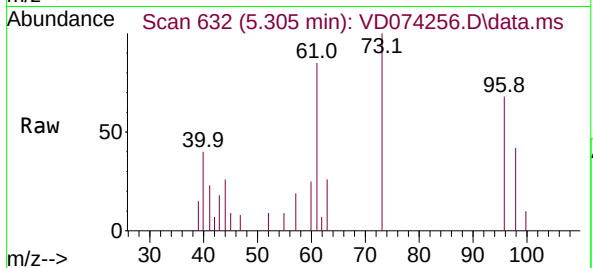




#21
trans-1,2-Dichloroethene
Concen: 2.941 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

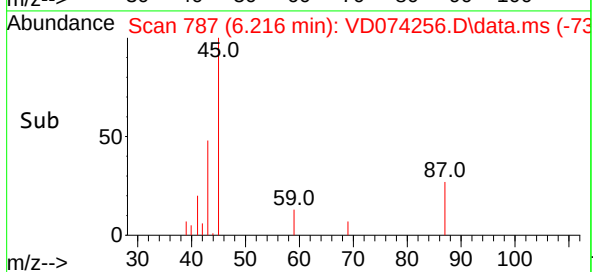
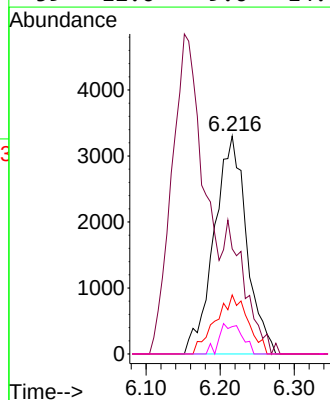
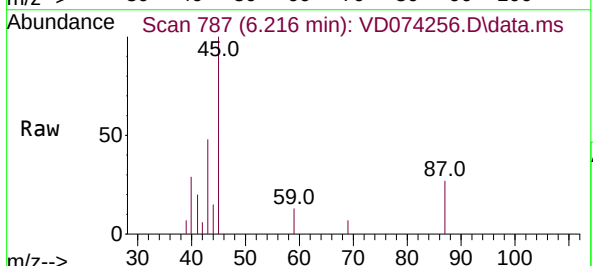
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

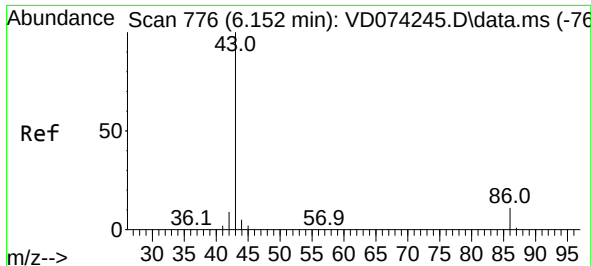
Tgt Ion: 96 Resp: 3974
Ion Ratio Lower Upper
96 100
61 125.0 105.1 157.7
98 61.9 47.4 71.2



#22
Diisopropyl ether
Concen: 2.539 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 45 Resp: 10018
Ion Ratio Lower Upper
45 100
43 48.2 38.9 58.3
87 27.1 21.0 31.4
59 12.6 9.6 14.4

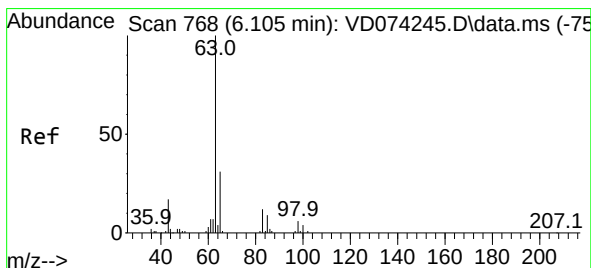
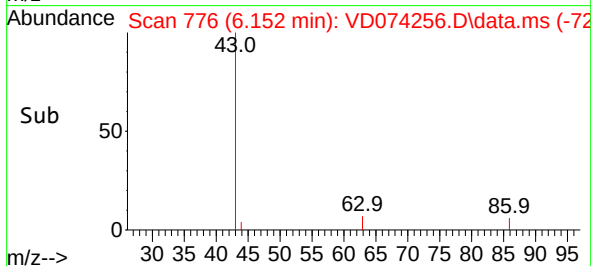
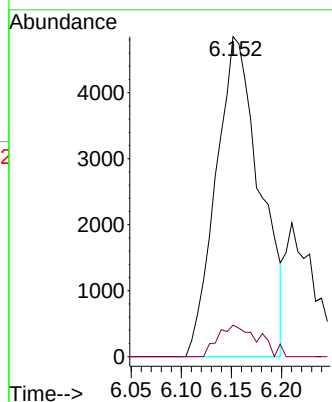
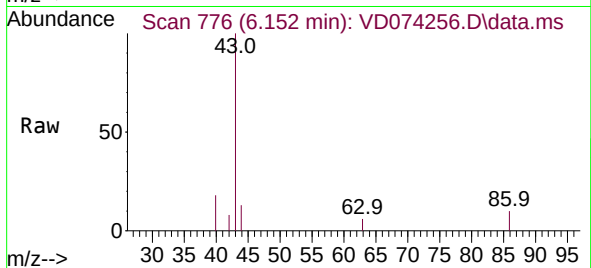




#23
 Vinyl Acetate
 Concen: 7.935 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD074256.D
 Acq: 12 Sep 2022 14:50

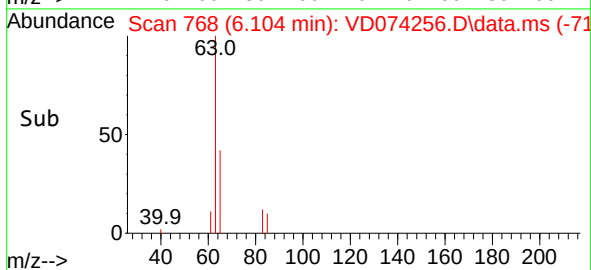
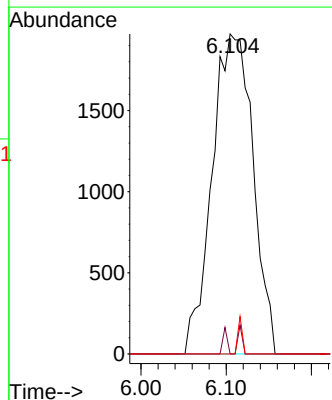
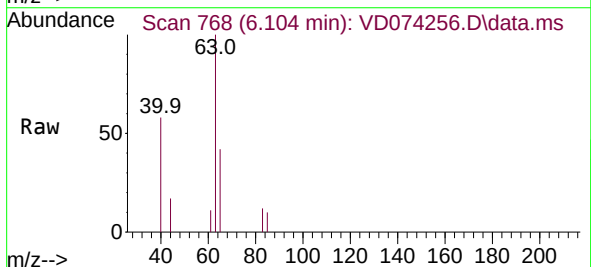
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL02 2.5PPB

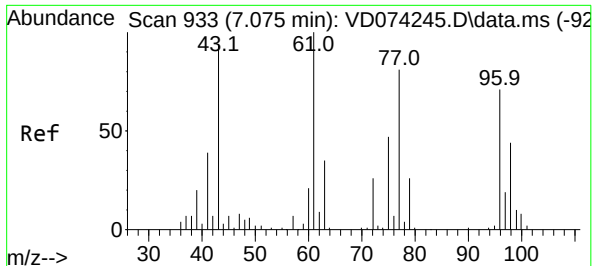
Tgt Ion: 43 Resp: 14782
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 2.697 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD074256.D
 Acq: 12 Sep 2022 14:50

Tgt Ion: 63 Resp: 6574
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.8 8.4#
 100 0.0 2.2 6.6#





#25

2-Butanone

Concen: 14.903 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

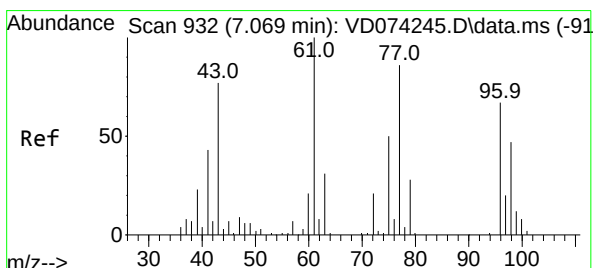
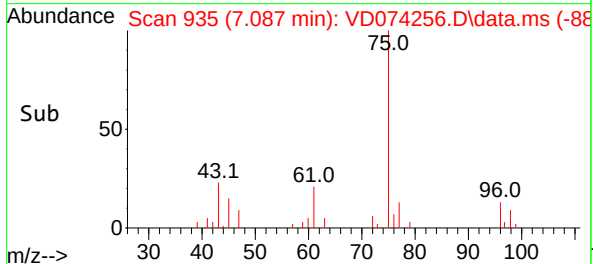
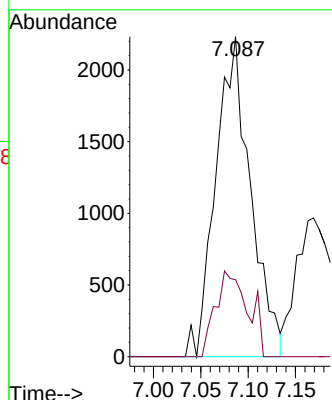
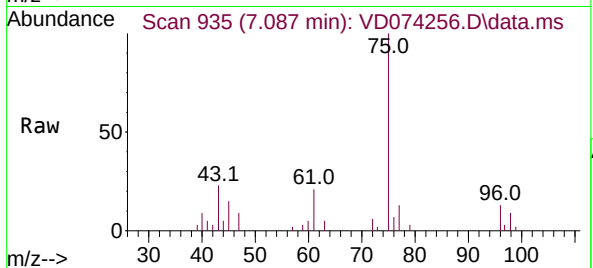
MDL02 2.5PPB

Tgt Ion: 43 Resp: 5694

Ion Ratio Lower Upper

43 100

72 24.1 21.8 32.6



#26

2,2-Dichloropropane

Concen: 2.438 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.006 min

Lab File: VD074256.D

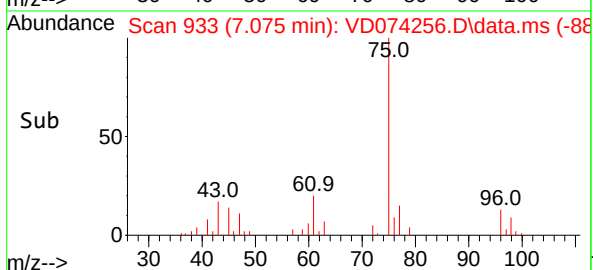
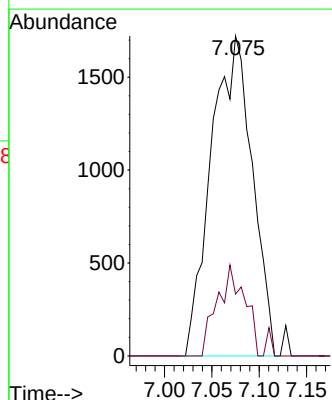
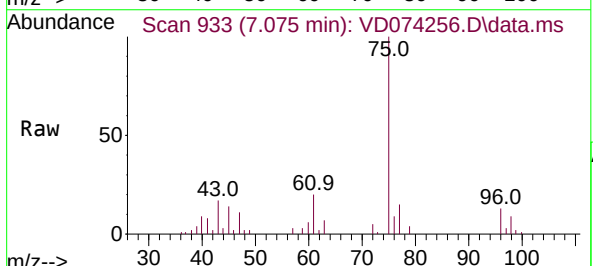
Acq: 12 Sep 2022 14:50

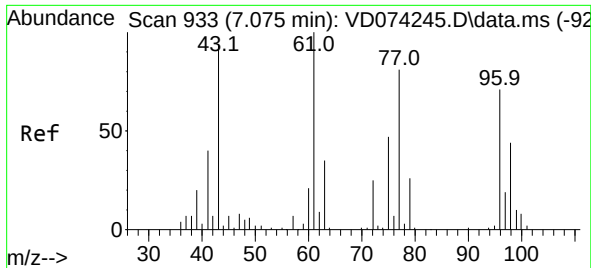
Tgt Ion: 77 Resp: 5191

Ion Ratio Lower Upper

77 100

97 19.0 11.5 34.4

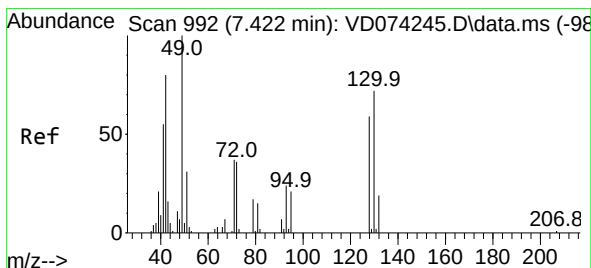
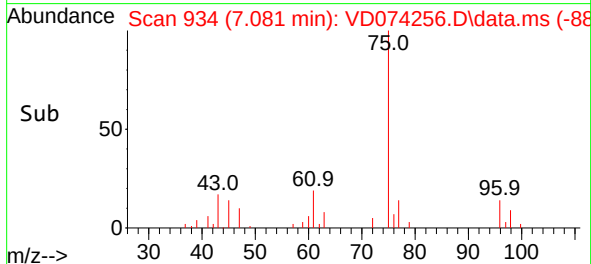
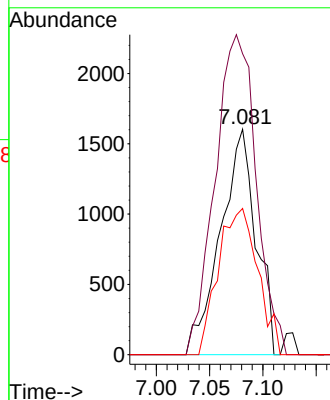
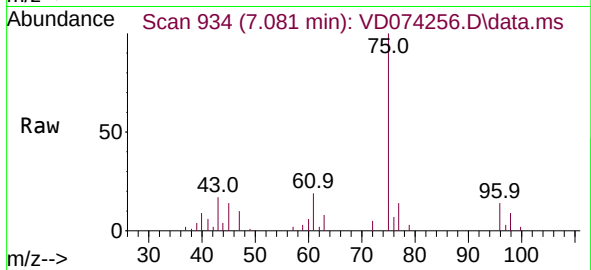




#27
 cis-1,2-Dichloroethene
 Concen: 2.410 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD074256.D
 Acq: 12 Sep 2022 14:50

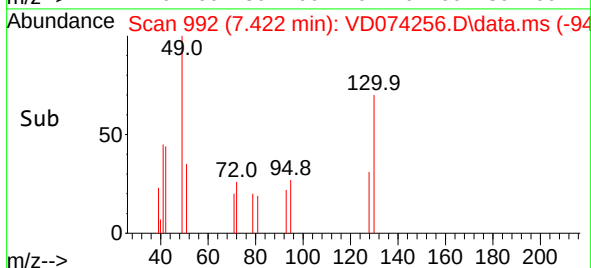
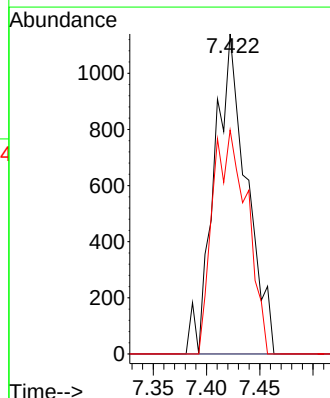
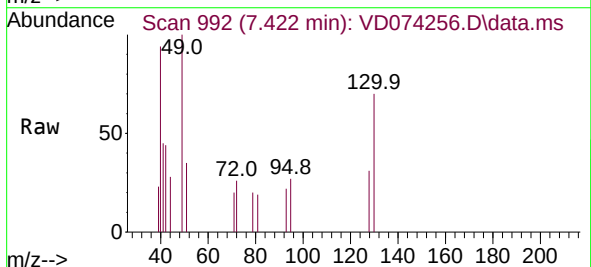
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL02 2.5PPB

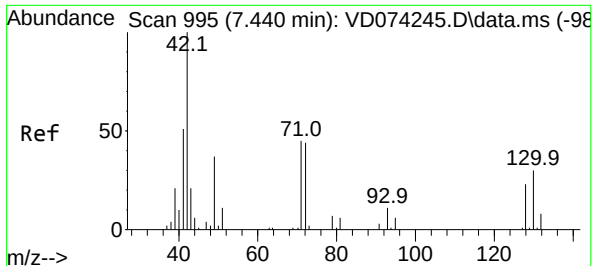
Tgt Ion:	96	Resp:	3722
Ion	Ratio	Lower	Upper
96	100		
61	164.4	0.0	289.4
98	72.2	0.0	130.2



#28
 Bromochloromethane
 Concen: 3.225 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD074256.D
 Acq: 12 Sep 2022 14:50

Tgt Ion:	49	Resp:	2414
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	74.6	62.2	93.2





#29

Tetrahydrofuran

Concen: 6.937 ug/l

RT: 7.434 min Scan# 995

Delta R.T. -0.006 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

MDL02 2.5PPB

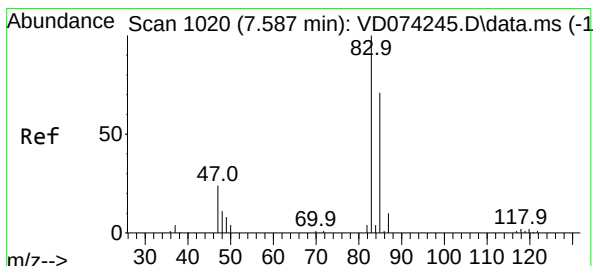
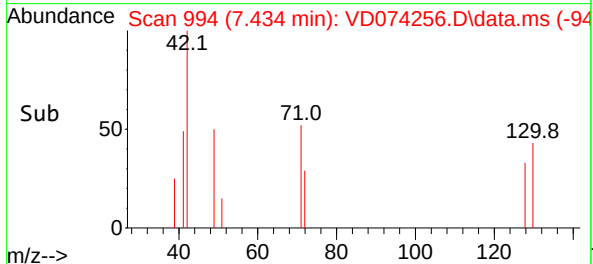
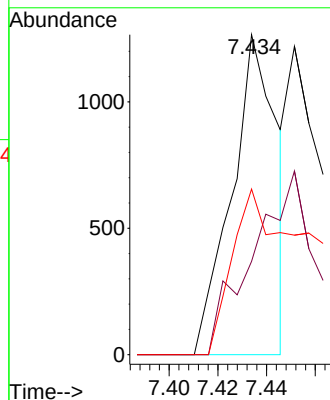
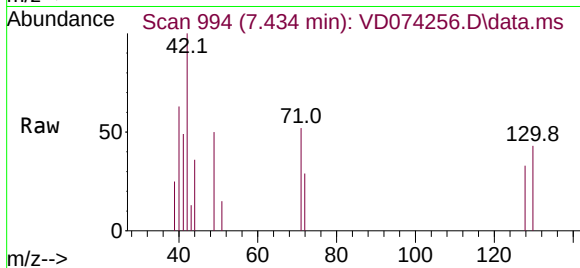
Tgt Ion: 42 Resp: 1634

Ion Ratio Lower Upper

42 100

72 84.6 36.1 54.1#

71 90.8 34.1 51.1#



#30

Chloroform

Concen: 2.909 ug/l

RT: 7.587 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD074256.D

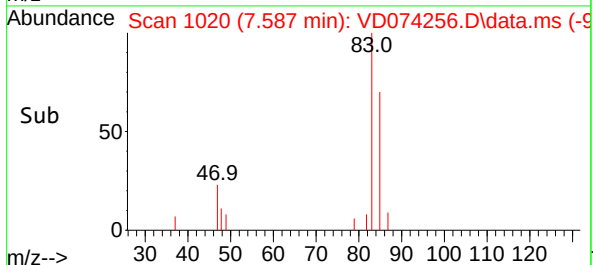
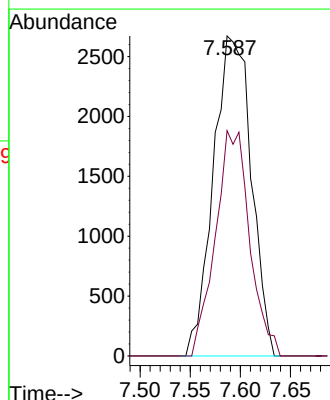
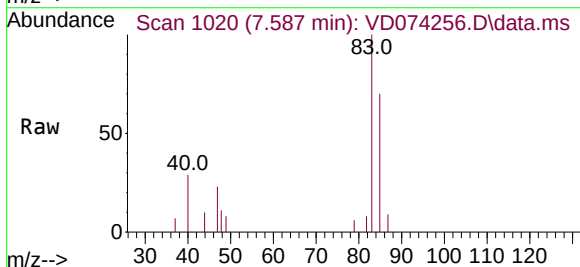
Acq: 12 Sep 2022 14:50

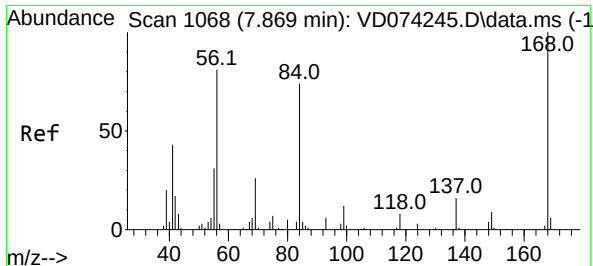
Tgt Ion: 83 Resp: 7036

Ion Ratio Lower Upper

83 100

85 70.4 56.7 85.1

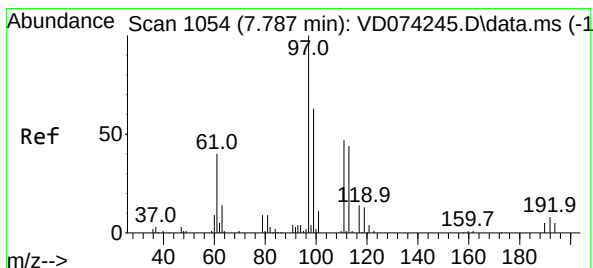
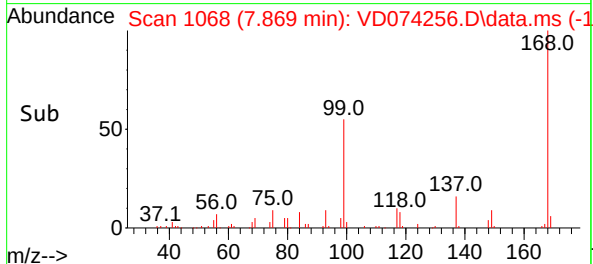
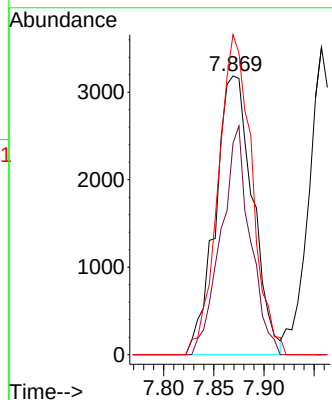
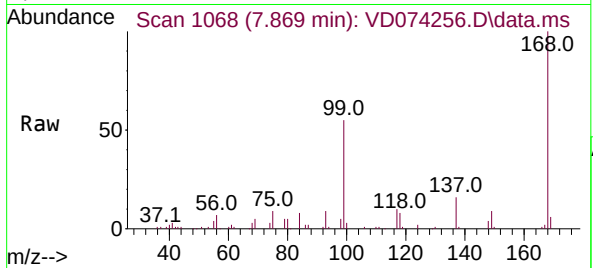




#31
Cyclohexane
Concen: 3.580 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

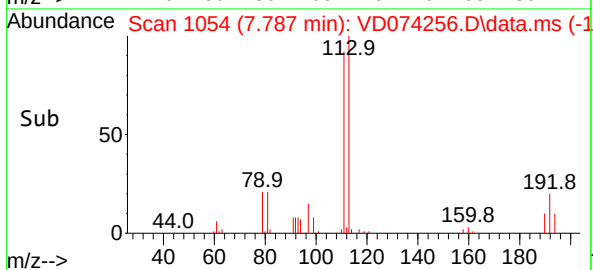
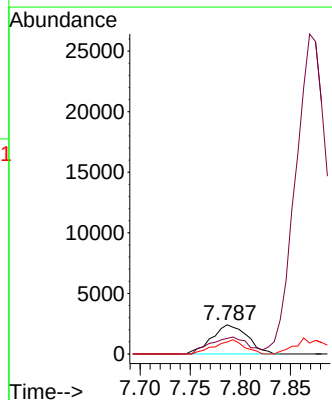
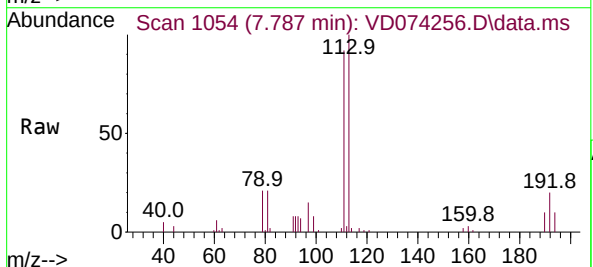
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

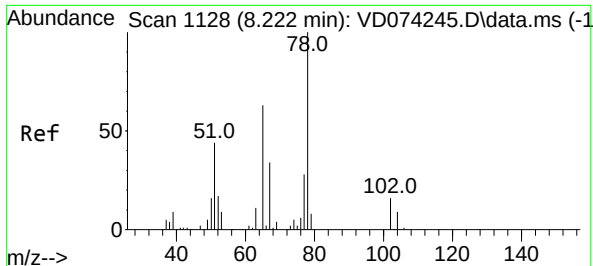
Tgt Ion: 56 Resp: 8212
Ion Ratio Lower Upper
56 100
69 75.8 25.7 38.5#
84 114.8 73.9 110.9#



#32
1,1,1-Trichloroethane
Concen: 2.794 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 97 Resp: 5931
Ion Ratio Lower Upper
97 100
99 61.5 51.2 76.8
61 39.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.117 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

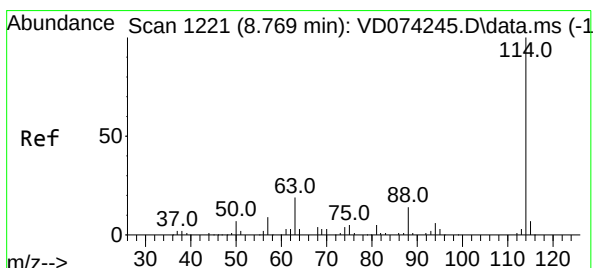
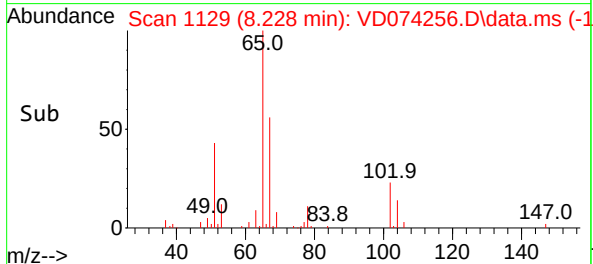
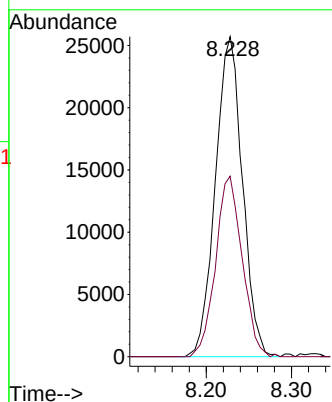
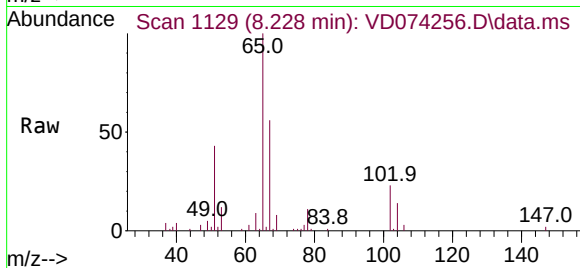
MDL02 2.5PPB

Tgt Ion: 65 Resp: 56732

Ion Ratio Lower Upper

65 100

67 55.2 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

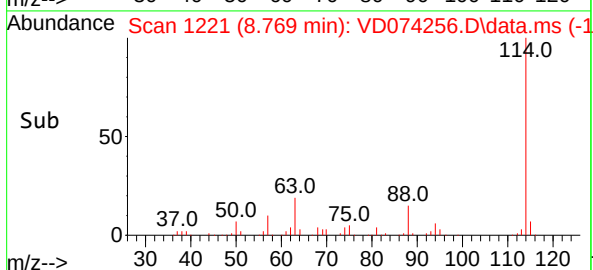
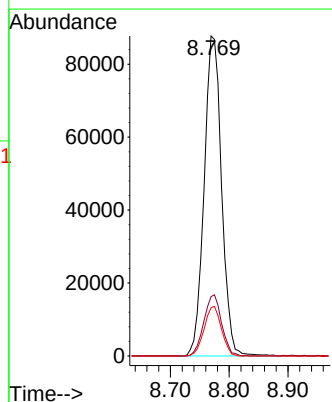
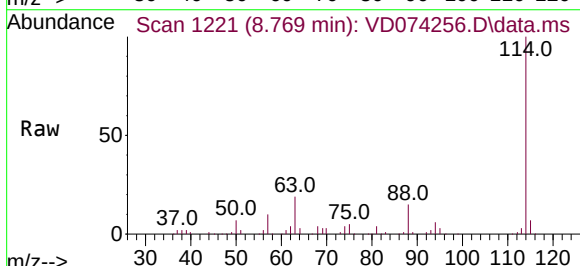
Tgt Ion: 114 Resp: 180629

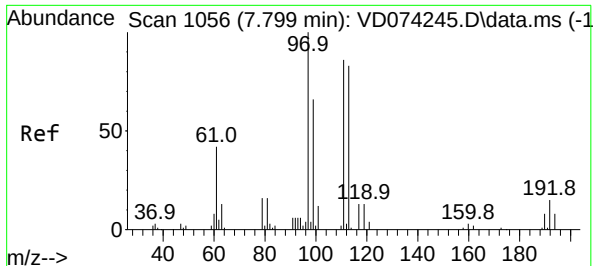
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.6

88 15.1 0.0 28.4





#35

Dibromofluoromethane

Concen: 47.720 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

MDL02 2.5PPB

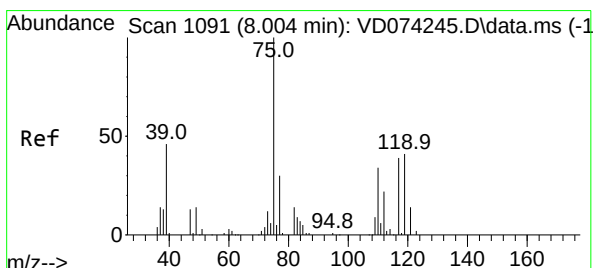
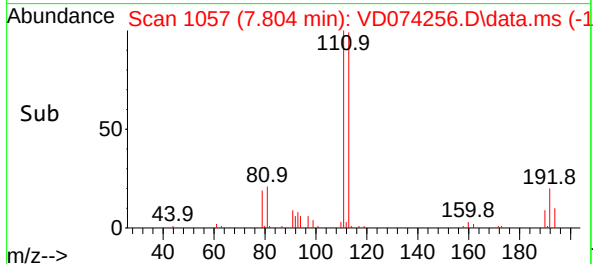
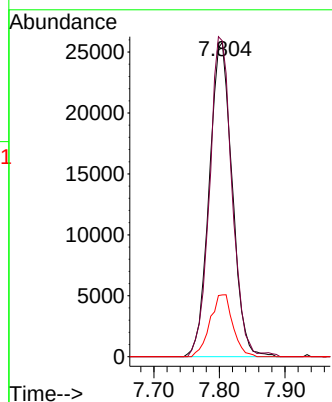
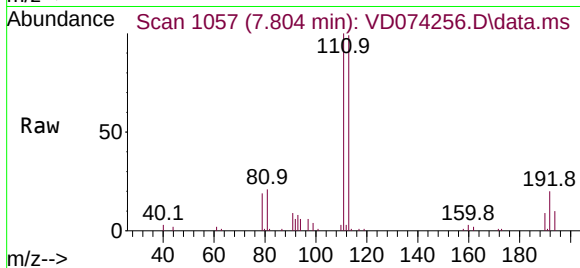
Tgt Ion:113 Resp: 62670

Ion Ratio Lower Upper

113 100

111 99.3 83.0 124.6

192 19.5 16.2 24.2



#36

1,1-Dichloropropene

Concen: 2.590 ug/l

RT: 7.998 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

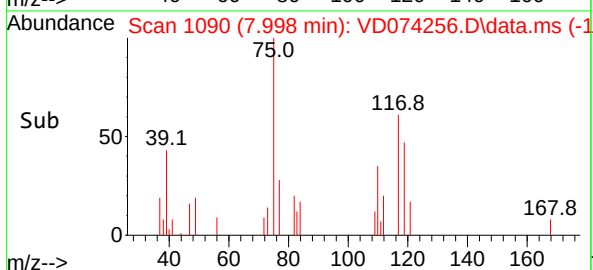
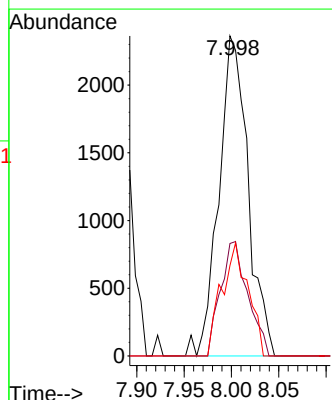
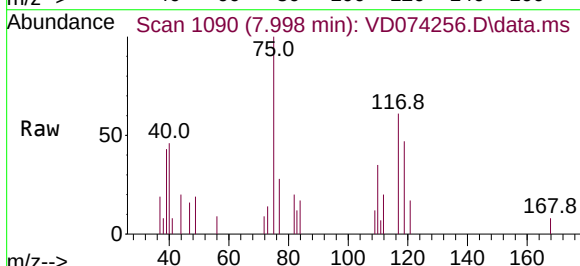
Tgt Ion: 75 Resp: 5063

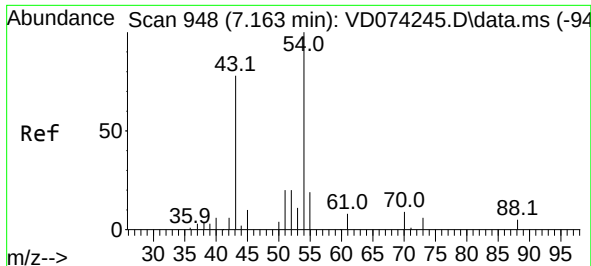
Ion Ratio Lower Upper

75 100

110 33.5 17.5 52.5

77 32.0 24.8 37.2





#37

Ethyl Acetate

Concen: 2.939 ug/l

RT: 7.169 min Scan# 94

Delta R.T. 0.006 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

MDL02 2.5PPB

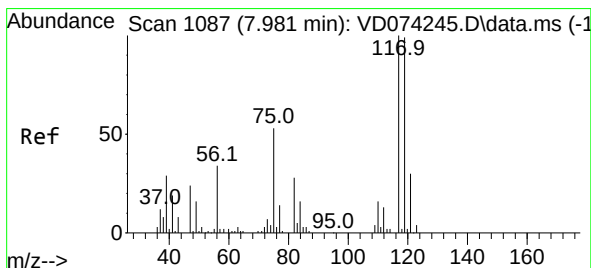
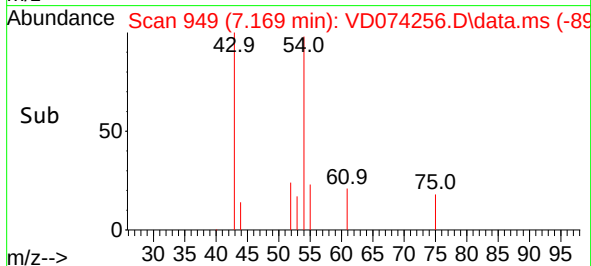
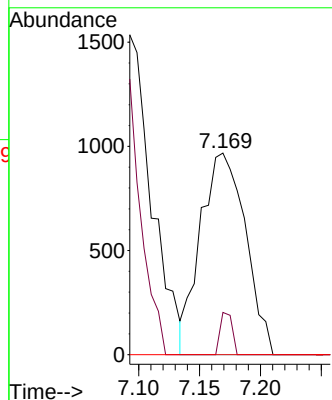
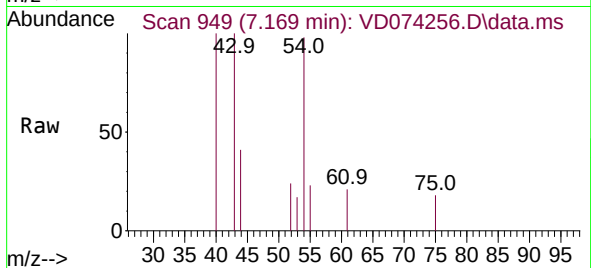
Tgt Ion: 43 Resp: 2492

Ion Ratio Lower Upper

43 100

61 0.0 12.1 18.1#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 2.373 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.012 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

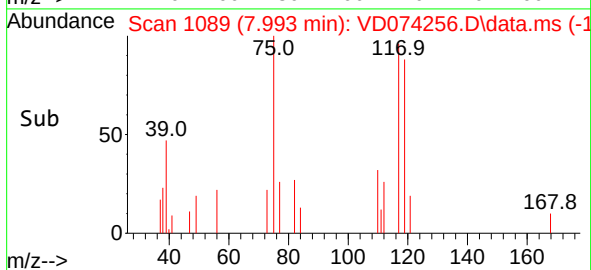
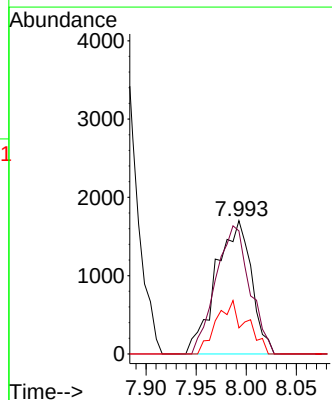
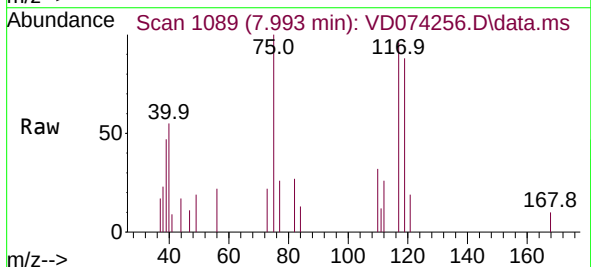
Tgt Ion: 117 Resp: 4197

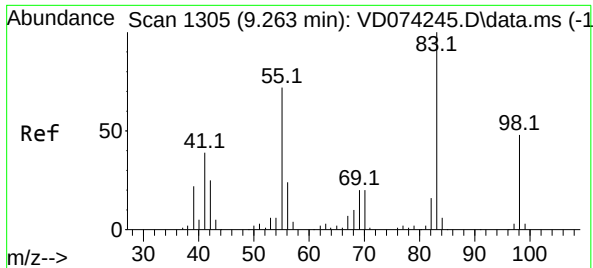
Ion Ratio Lower Upper

117 100

119 92.3 78.8 118.2

121 19.6 23.9 35.9#





#39

Methylcyclohexane

Concen: 2.555 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.006 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

MDL02 2.5PPB

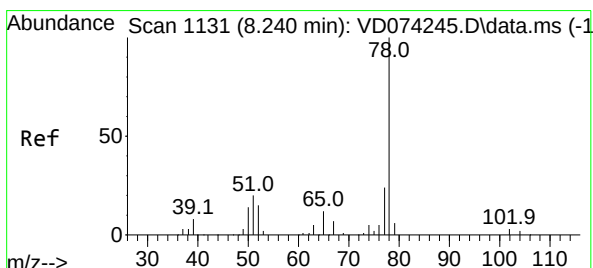
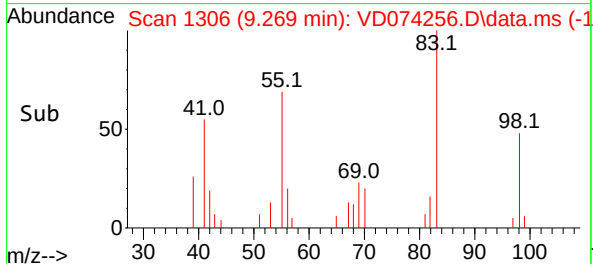
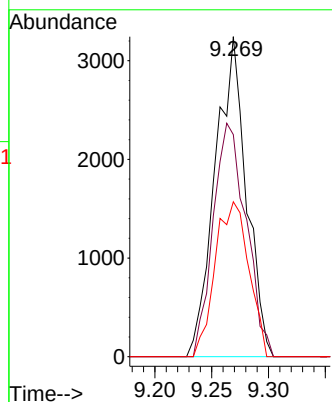
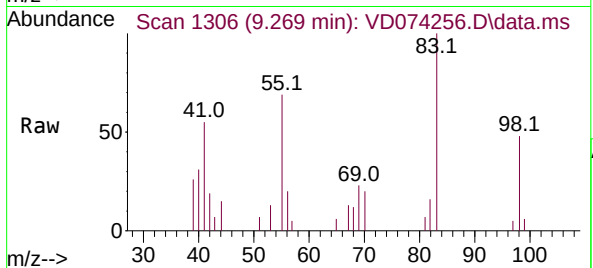
Tgt Ion: 83 Resp: 6184

Ion Ratio Lower Upper

83 100

55 69.4 57.2 85.8

98 48.4 38.3 57.5



#40

Benzene

Concen: 2.630 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.012 min

Lab File: VD074256.D

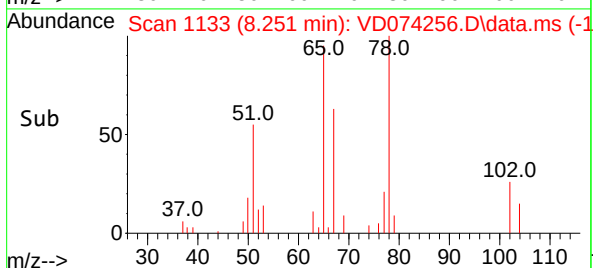
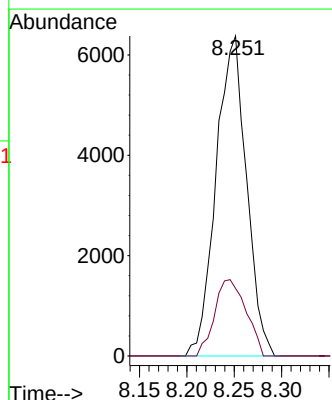
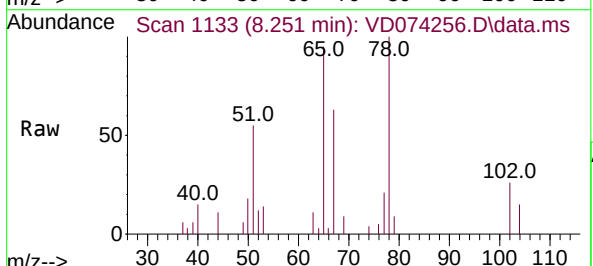
Acq: 12 Sep 2022 14:50

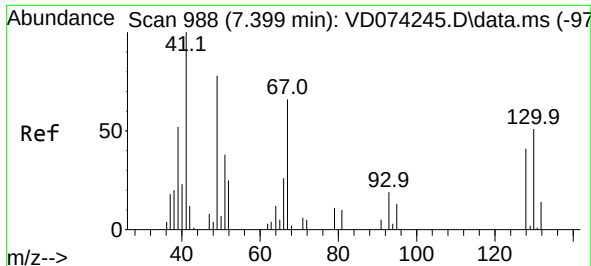
Tgt Ion: 78 Resp: 14232

Ion Ratio Lower Upper

78 100

77 21.1 19.4 29.2

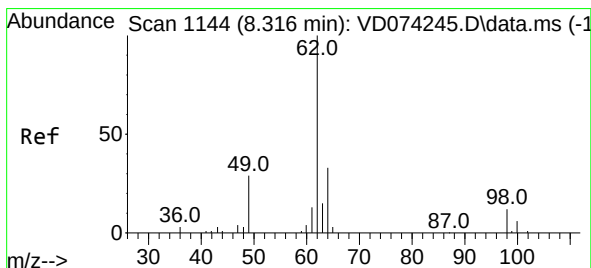
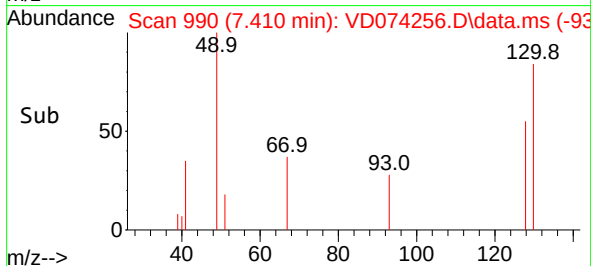
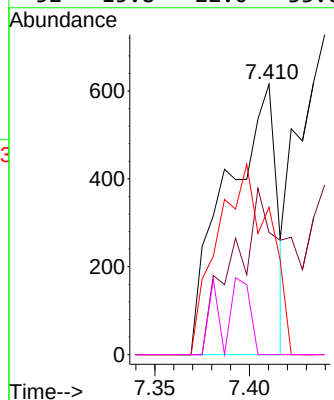
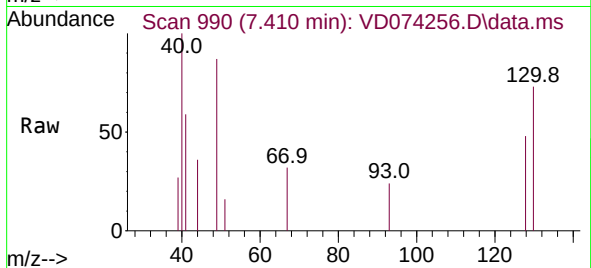




#41
Methacrylonitrile
Concen: 2.387 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.012 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

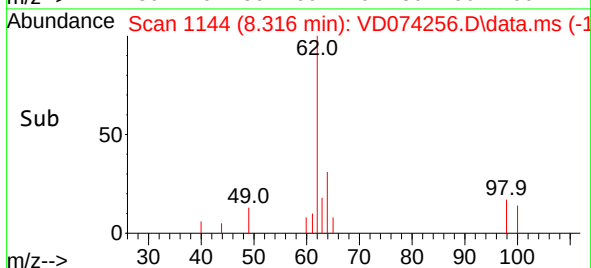
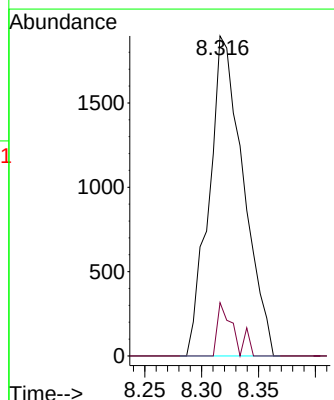
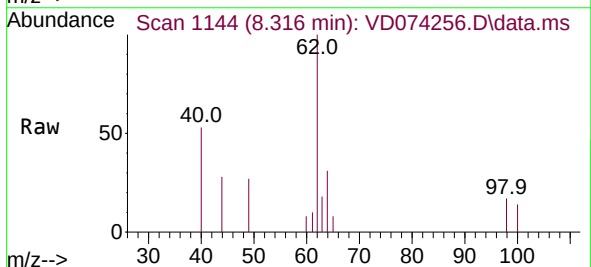
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

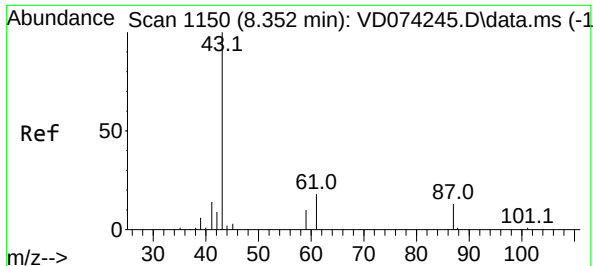
Tgt Ion: 41 Resp: 1127
Ion Ratio Lower Upper
41 100
39 67.7 39.8 59.6#
67 73.2 56.1 84.1
52 15.8 22.0 33.0#



#42
1,2-Dichloroethane
Concen: 2.781 ug/l
RT: 8.316 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 62 Resp: 3976
Ion Ratio Lower Upper
62 100
98 7.9 0.0 21.4





#43

Isopropyl Acetate

Concen: 2.436 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.006 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

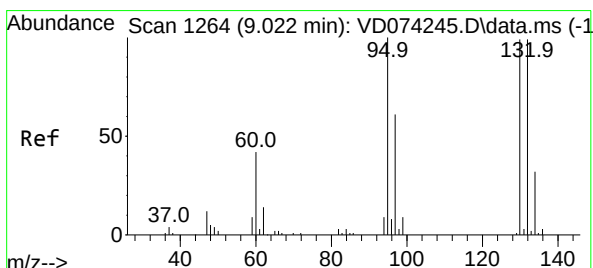
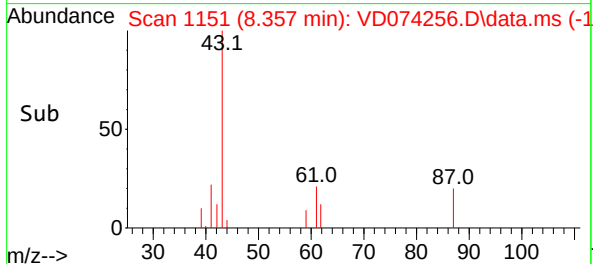
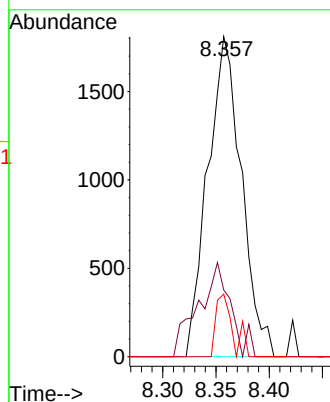
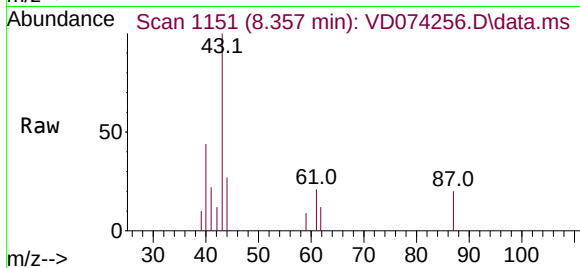
Instrument :

MSVOA_D

ClientSampleId :

MDL02 2.5PPB

Tgt Ion: 43	Resp:	3990
Ion	Ratio	Lower Upper
43	100	
61	28.3	24.5 36.7
87	9.7	10.8 16.2



#44

Trichloroethene

Concen: 2.638 ug/l

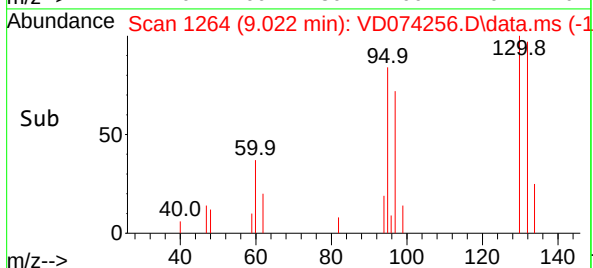
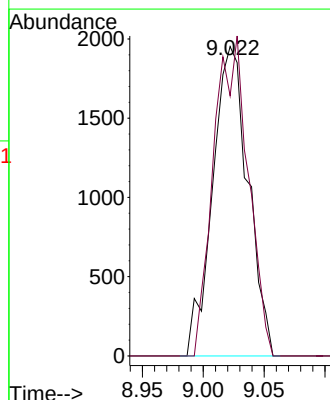
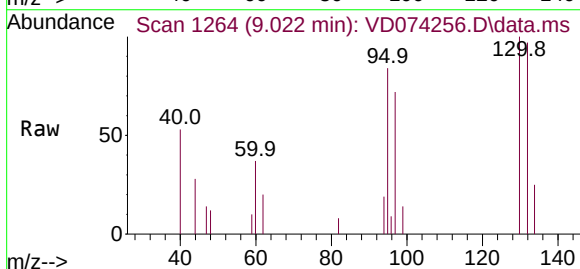
RT: 9.022 min Scan# 1264

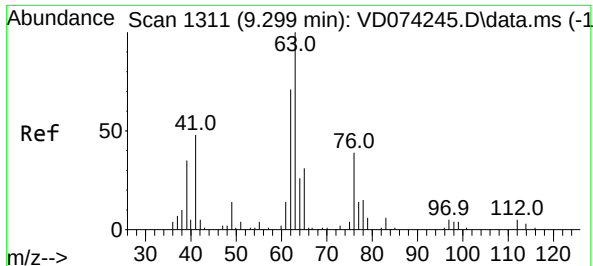
Delta R.T. -0.000 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Tgt Ion: 130	Resp:	3962
Ion	Ratio	Lower Upper
130	100	
95	84.1	0.0 202.2





#45

1,2-Dichloropropane

Concen: 2.485 ug/l

RT: 9.298 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

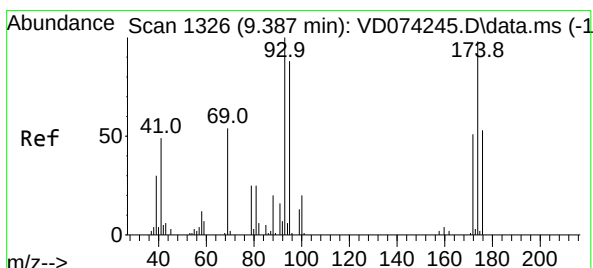
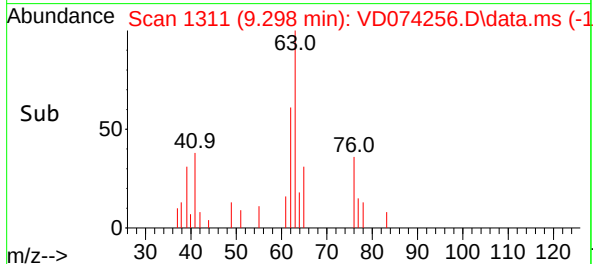
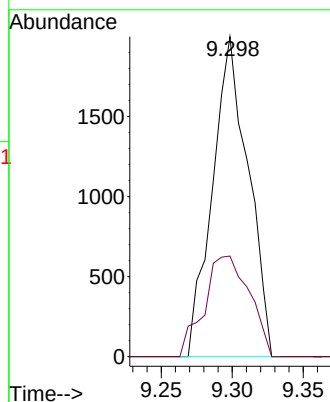
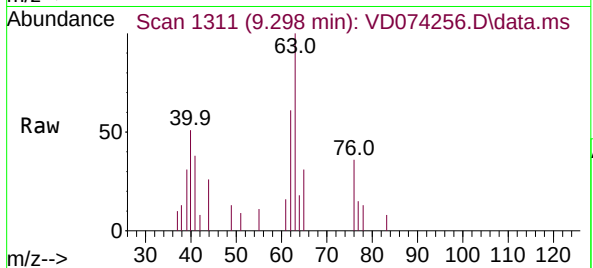
MDL02 2.5PPB

Tgt Ion: 63 Resp: 3495

Ion Ratio Lower Upper

63 100

65 31.5 24.5 36.7



#46

Dibromomethane

Concen: 2.439 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

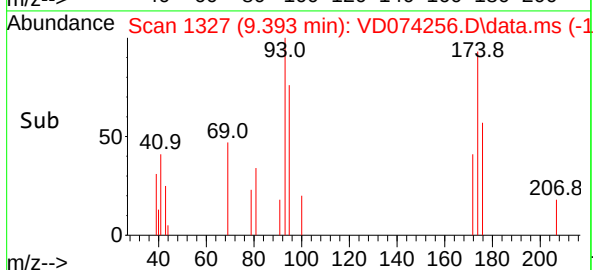
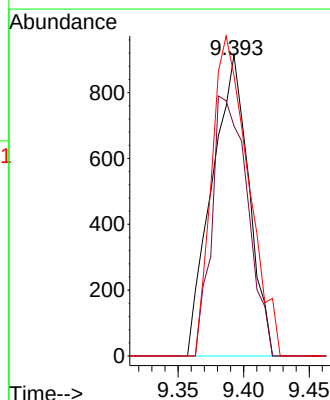
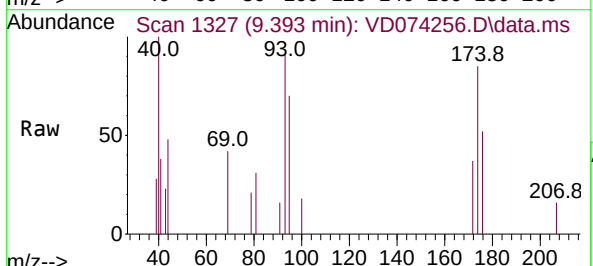
Tgt Ion: 93 Resp: 1781

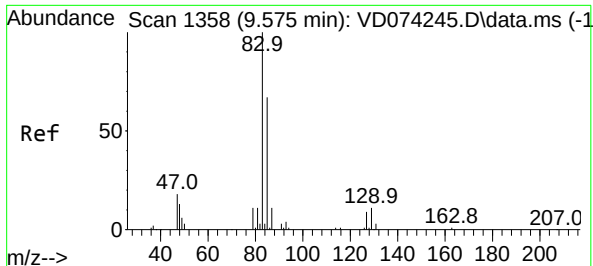
Ion Ratio Lower Upper

93 100

95 83.6 67.7 101.5

174 106.1 79.6 119.4

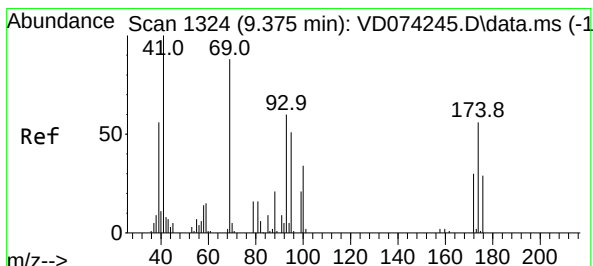
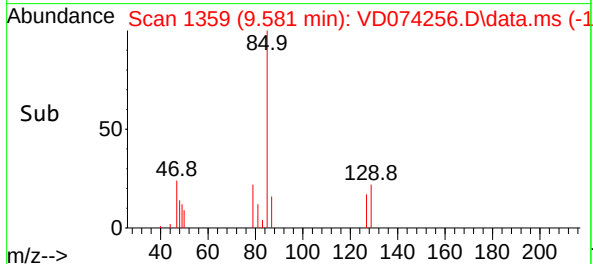
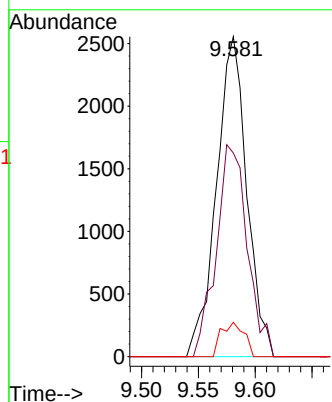
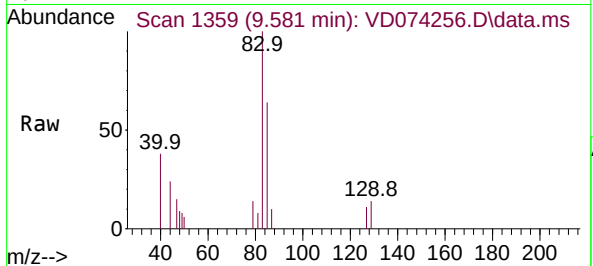




#47
Bromodichloromethane
Concen: 2.581 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

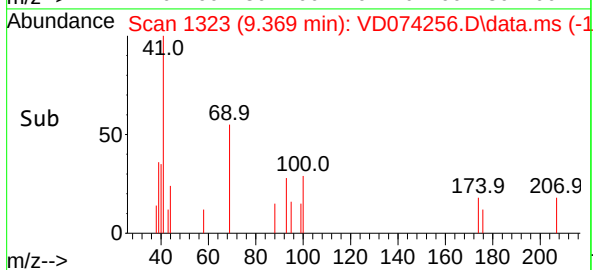
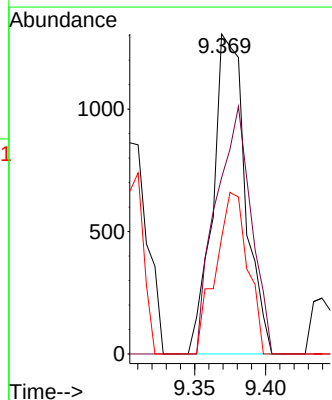
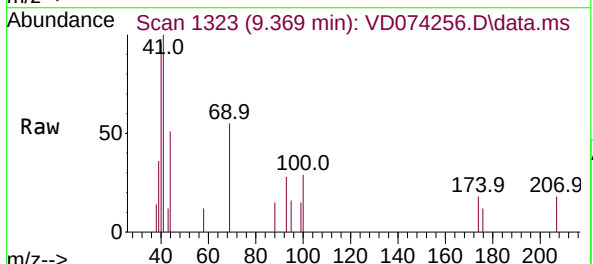
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

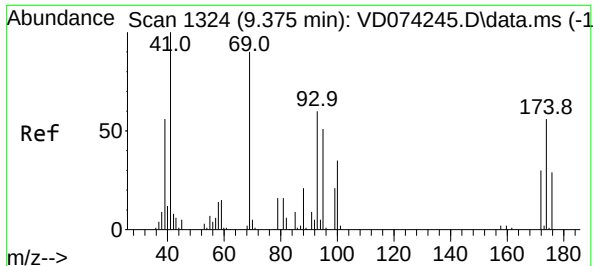
Tgt Ion: 83 Resp: 4741
Ion Ratio Lower Upper
83 100
85 63.6 53.4 80.2
127 10.8 6.9 10.3#



#48
Methyl methacrylate
Concen: 2.688 ug/l
RT: 9.369 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 41 Resp: 2079
Ion Ratio Lower Upper
41 100
69 83.9 72.7 109.1
39 49.9 41.6 62.4





#49

1,4-Dioxane

Concen: 38.631 ug/l

RT: 9.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

MDL02 2.5PPB

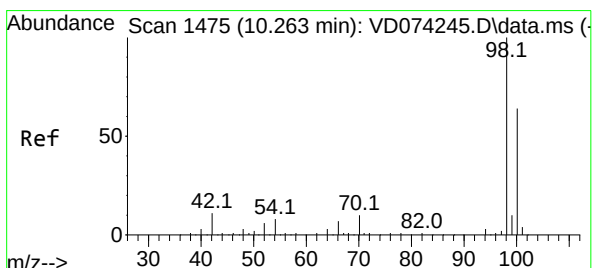
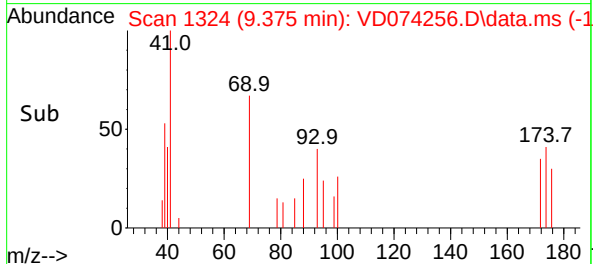
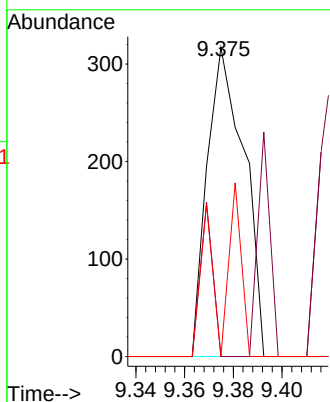
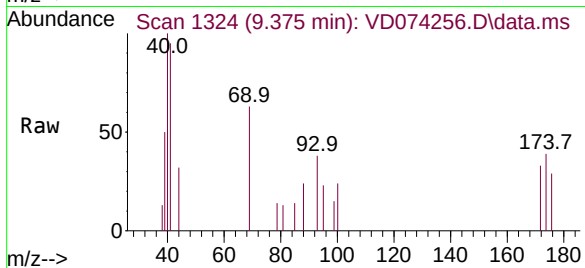
Tgt Ion: 88 Resp: 334

Ion Ratio Lower Upper

88 100

43 0.0 27.0 40.4#

58 16.5 54.2 81.2#



#50

Toluene-d8

Concen: 53.454 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VD074256.D

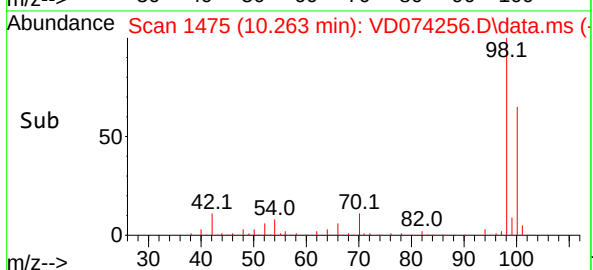
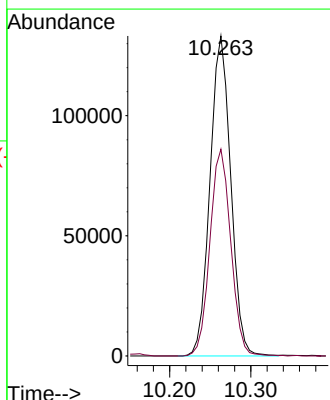
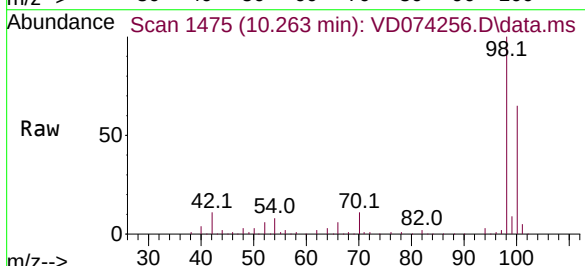
Acq: 12 Sep 2022 14:50

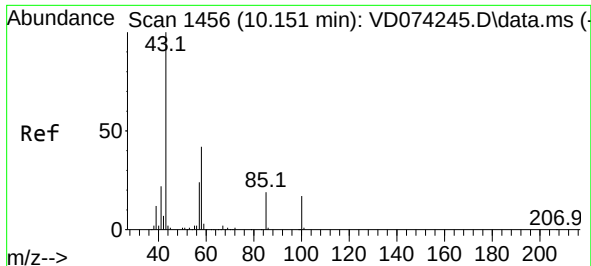
Tgt Ion: 98 Resp: 236681

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8

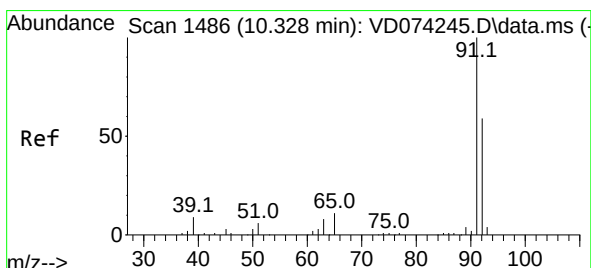
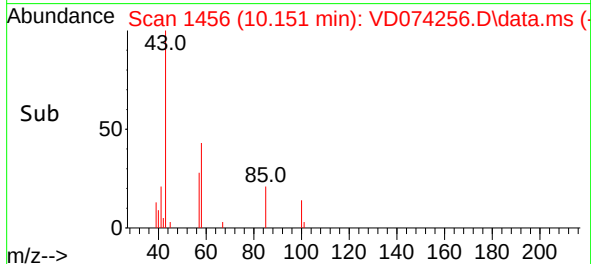
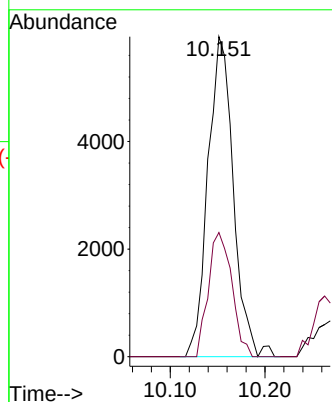
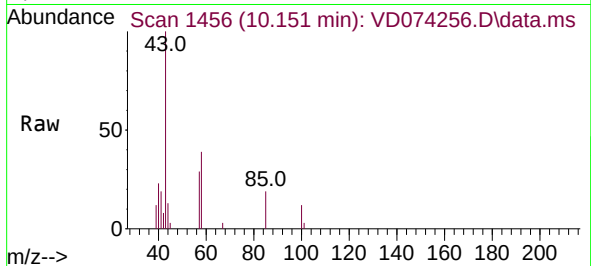




#51
4-Methyl-2-Pentanone
Concen: 13.388 ug/l
RT: 10.151 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

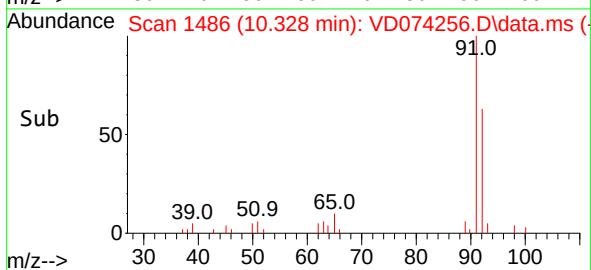
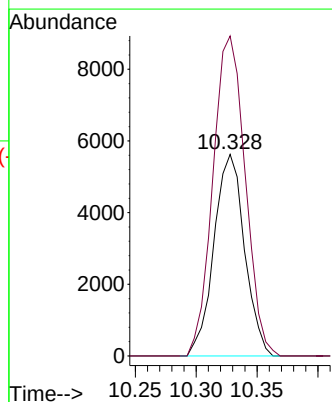
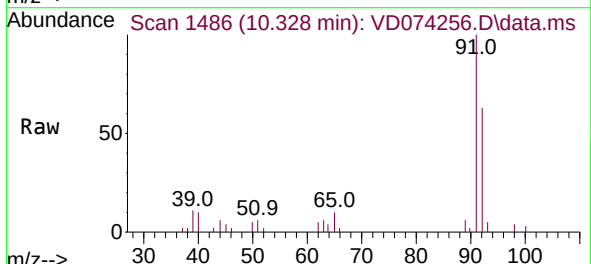
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

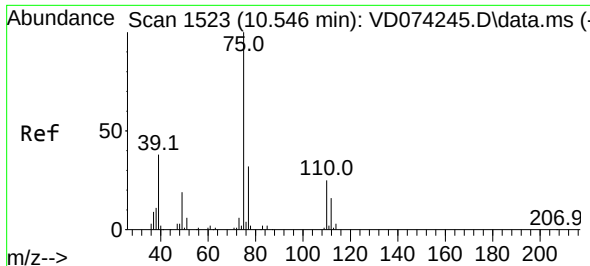
Tgt Ion: 43 Resp: 11081
Ion Ratio Lower Upper
43 100
58 35.9 33.3 49.9



#52
Toluene
Concen: 2.835 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 92 Resp: 9840
Ion Ratio Lower Upper
92 100
91 167.4 139.3 208.9

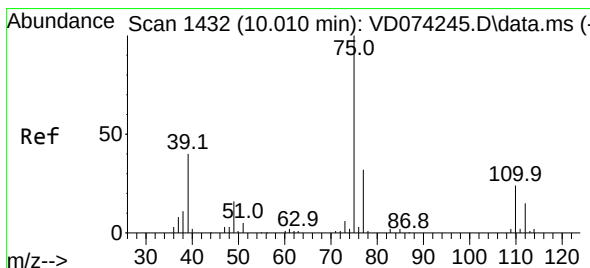
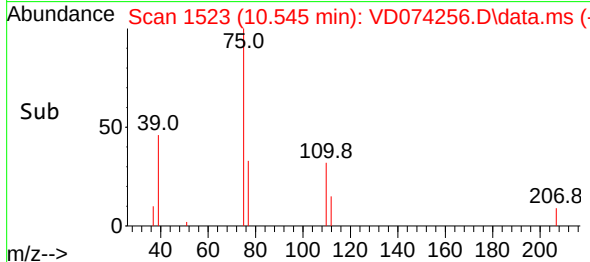
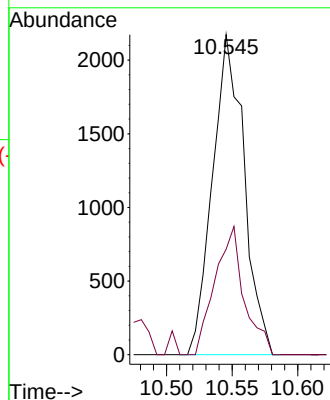
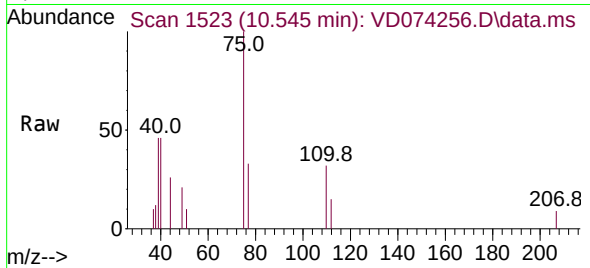




#53
t-1,3-Dichloropropene
Concen: 2.097 ug/l
RT: 10.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

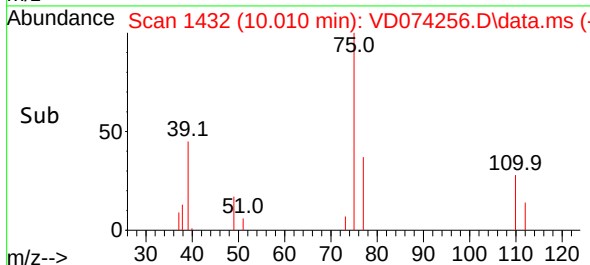
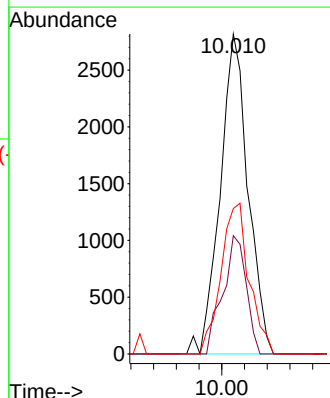
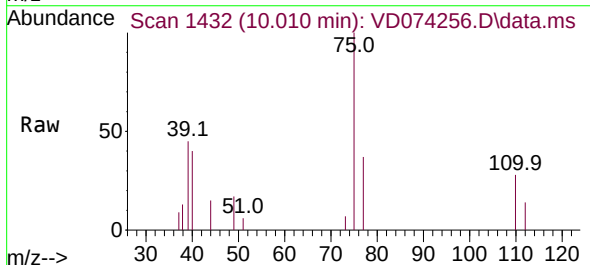
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

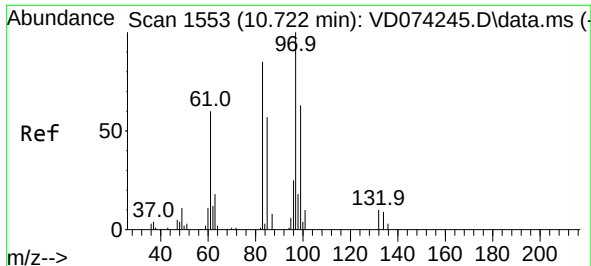
Tgt Ion: 75 Resp: 3631
Ion Ratio Lower Upper
75 100
77 32.9 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 2.248 ug/l
RT: 10.010 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 75 Resp: 4796
Ion Ratio Lower Upper
75 100
77 37.0 25.4 38.0
39 45.4 31.6 47.4

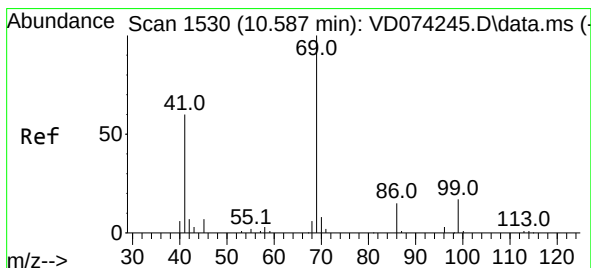
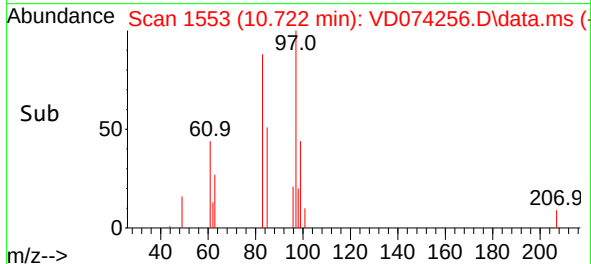
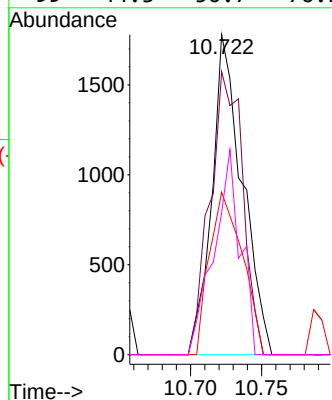
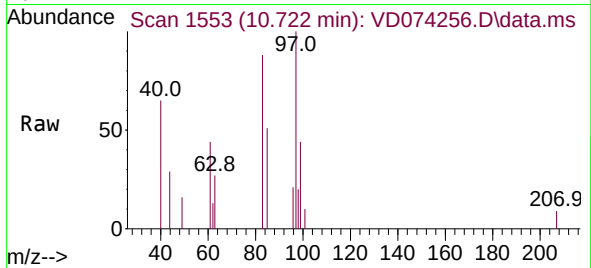




#55
1,1,2-Trichloroethane
Concen: 2.629 ug/l
RT: 10.722 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

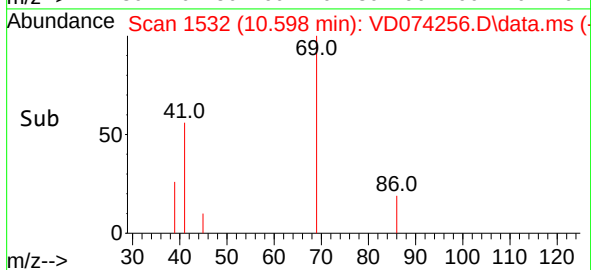
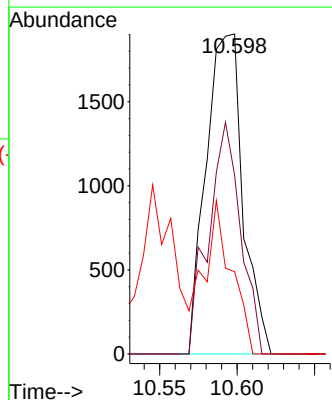
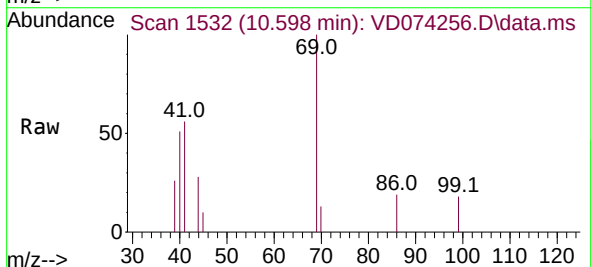
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

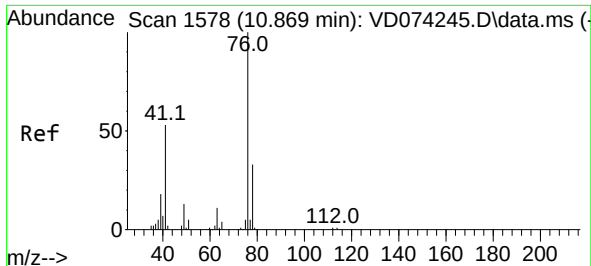
Tgt Ion:	97	Resp:	2653
Ion	Ratio	Lower	Upper
97	100		
83	88.5	68.0	102.0
85	50.8	45.8	68.8
99	44.3	50.7	76.1#



#56
Ethyl methacrylate
Concen: 2.348 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.012 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion:	69	Resp:	3149
Ion	Ratio	Lower	Upper
69	100		
41	63.2	49.4	74.2
39	35.1	24.2	36.4





#57

1,3-Dichloropropane

Concen: 2.624 ug/l

RT: 10.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

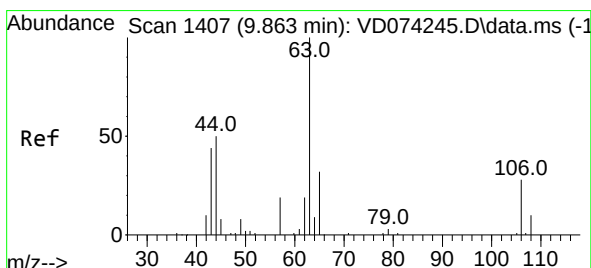
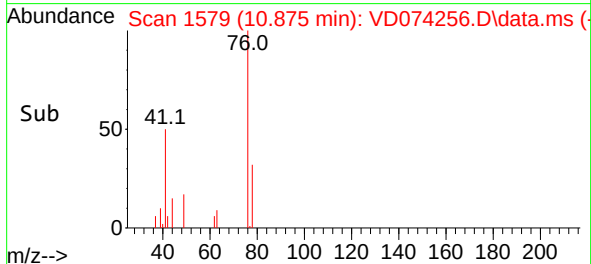
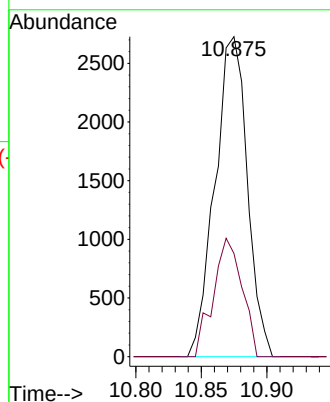
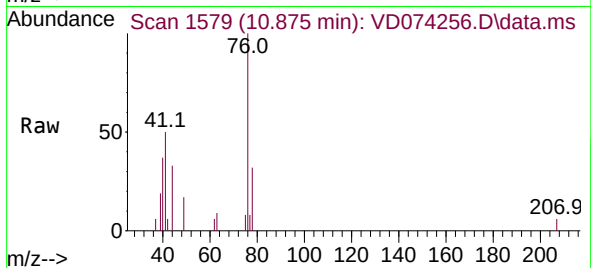
MDL02 2.5PPB

Tgt Ion: 76 Resp: 4674

Ion Ratio Lower Upper

76 100

78 32.9 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 12.350 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.006 min

Lab File: VD074256.D

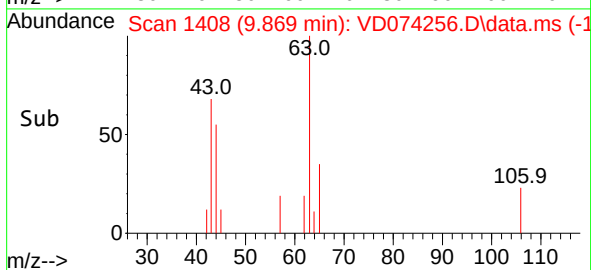
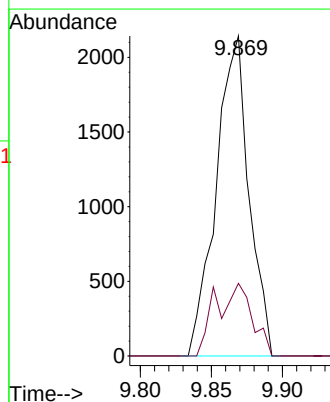
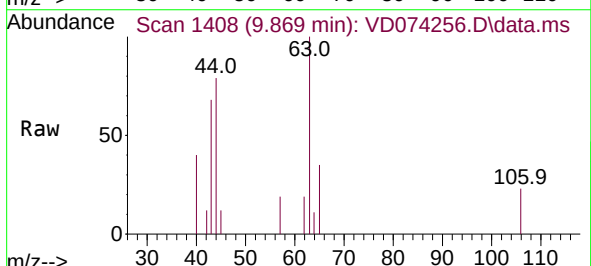
Acq: 12 Sep 2022 14:50

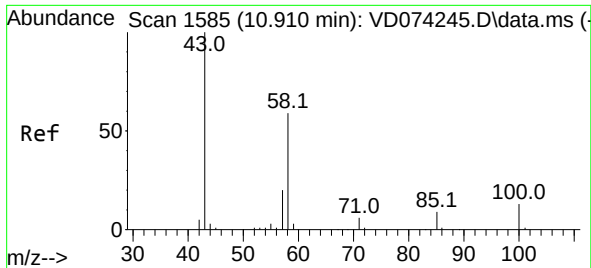
Tgt Ion: 63 Resp: 3453

Ion Ratio Lower Upper

63 100

106 25.2 21.9 32.9

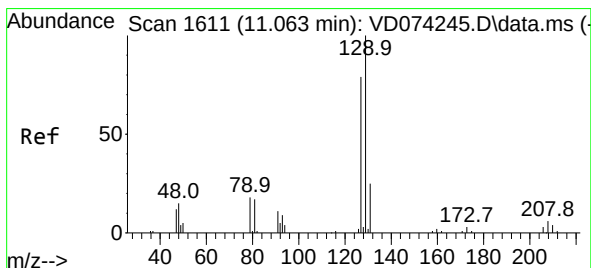
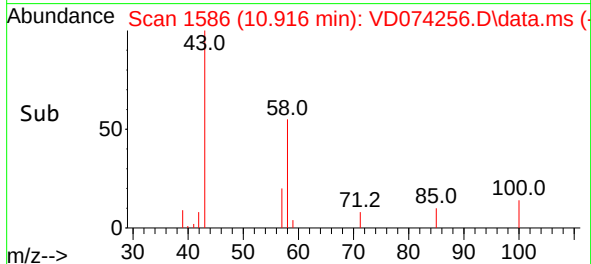
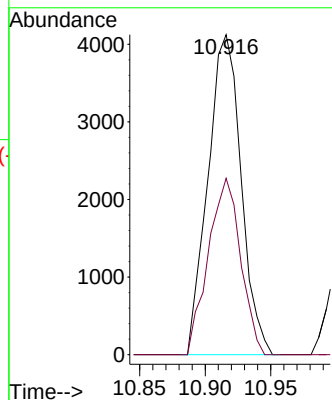
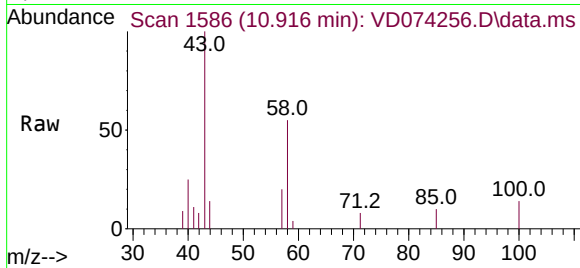




#59
2-Hexanone
Concen: 12.904 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

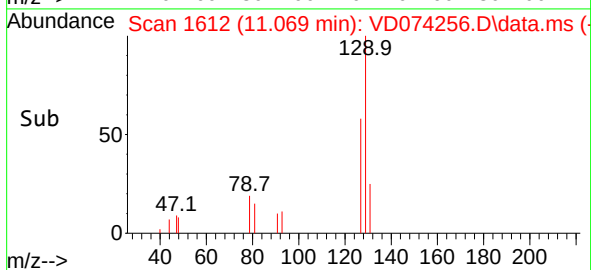
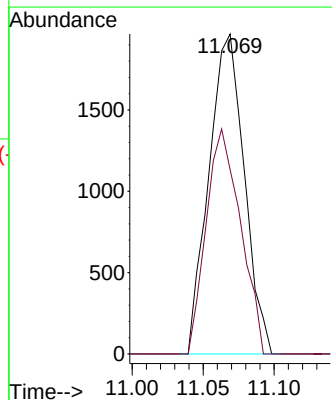
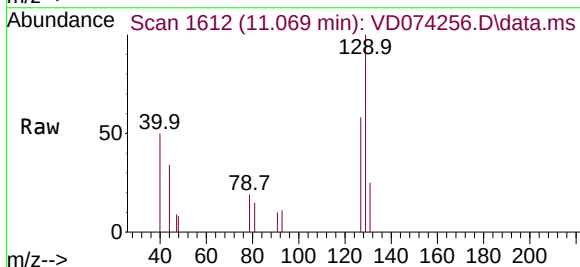
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

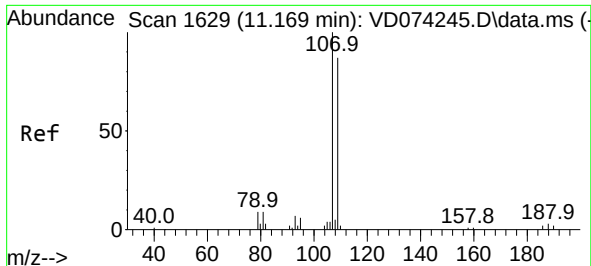
Tgt Ion: 43 Resp: 7253
Ion Ratio Lower Upper
43 100
58 53.6 28.6 85.8



#60
Dibromochloromethane
Concen: 2.775 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 129 Resp: 3410
Ion Ratio Lower Upper
129 100
127 68.2 39.0 116.9

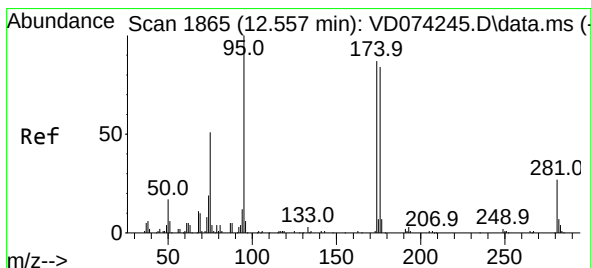
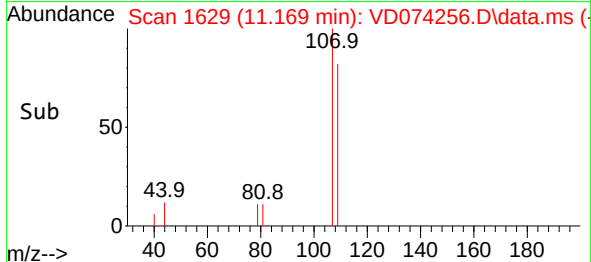
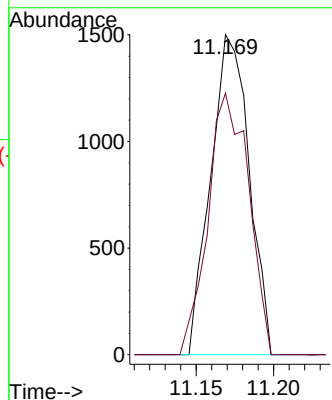
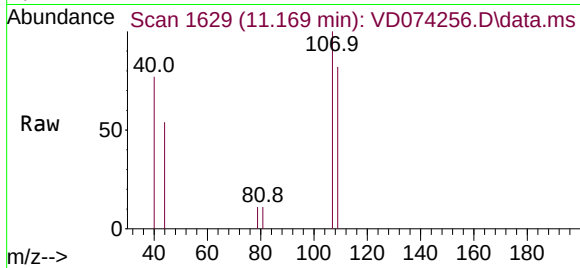




#61
1,2-Dibromoethane
Concen: 2.696 ug/l
RT: 11.169 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

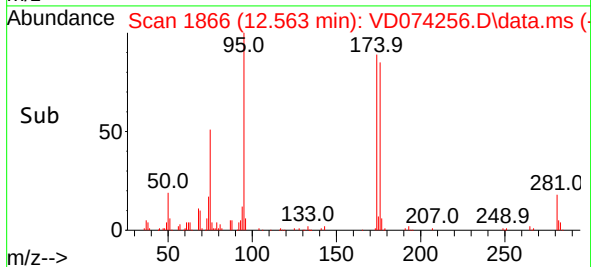
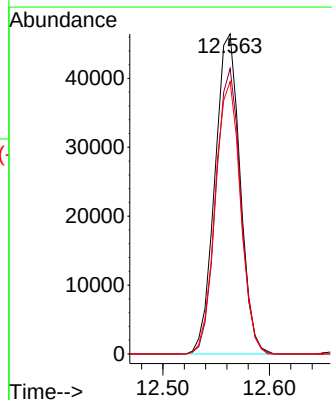
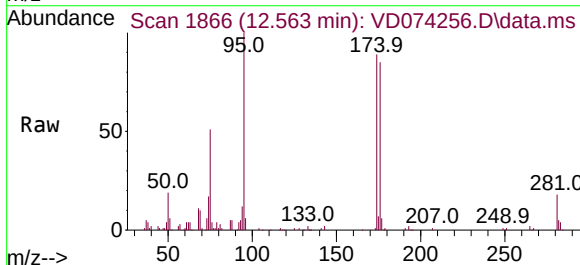
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

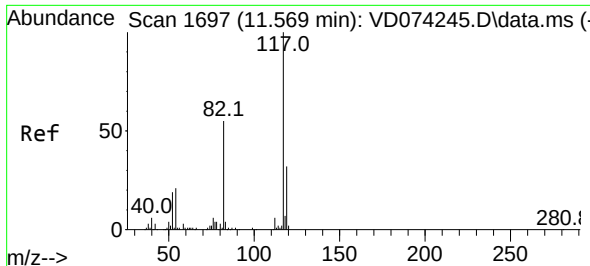
Tgt Ion:107 Resp: 2590
Ion Ratio Lower Upper
107 100
109 86.3 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 41.649 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 95 Resp: 76352
Ion Ratio Lower Upper
95 100
174 87.1 0.0 179.2
176 85.3 0.0 171.4

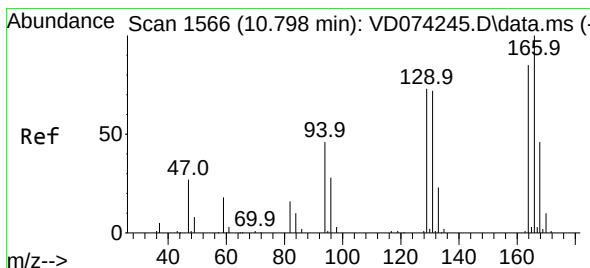
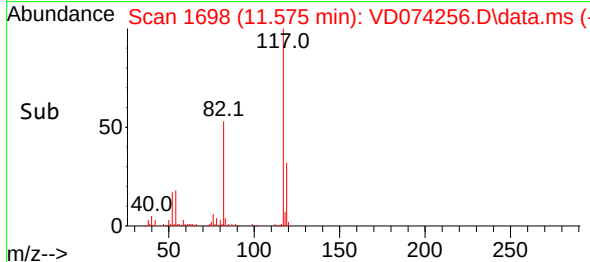
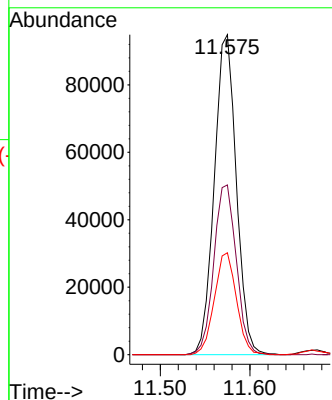
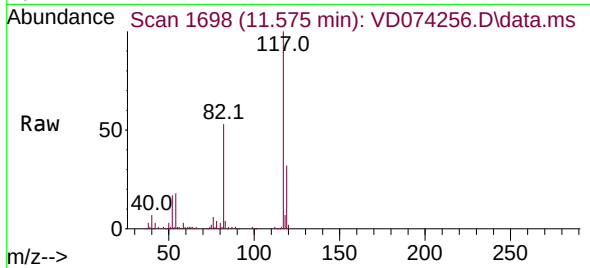




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

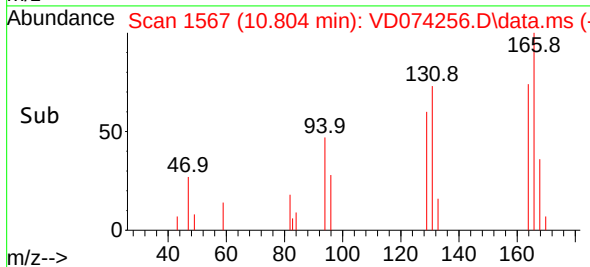
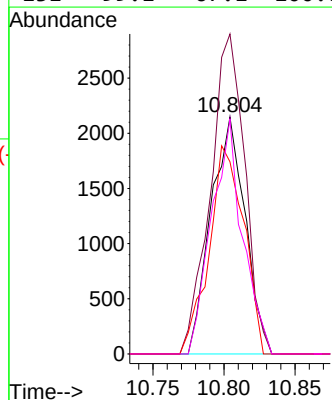
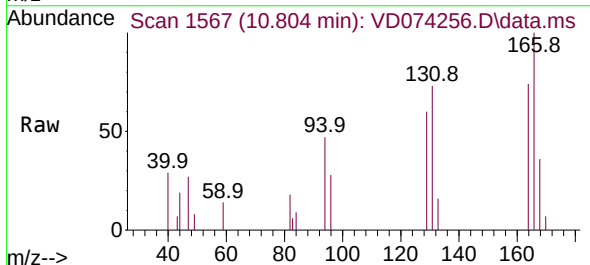
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

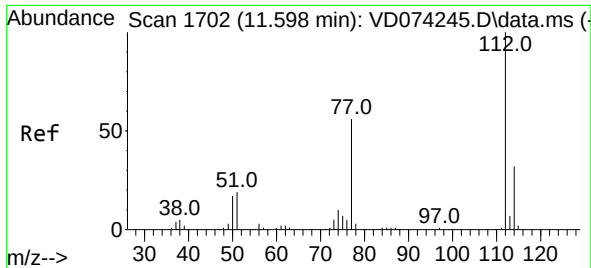
Tgt Ion:117 Resp: 161905
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 2.907 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion:164 Resp: 3599
Ion Ratio Lower Upper
164 100
166 135.0 93.8 140.8
129 81.1 68.3 102.5
131 99.1 67.1 100.7

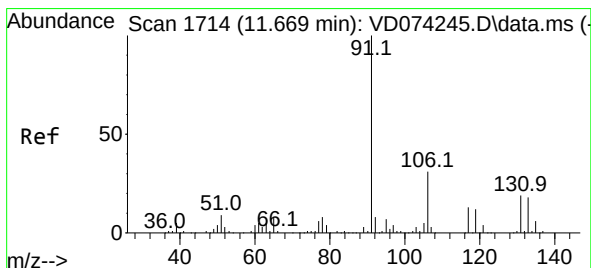
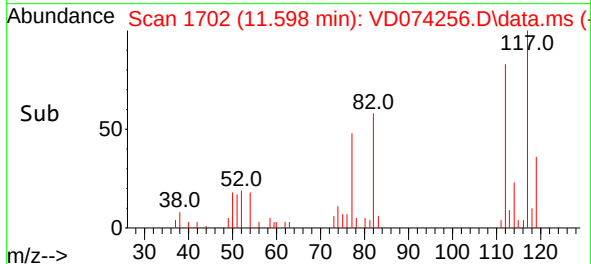
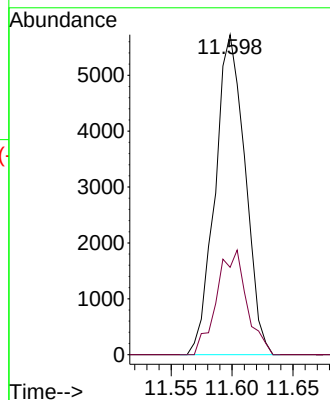
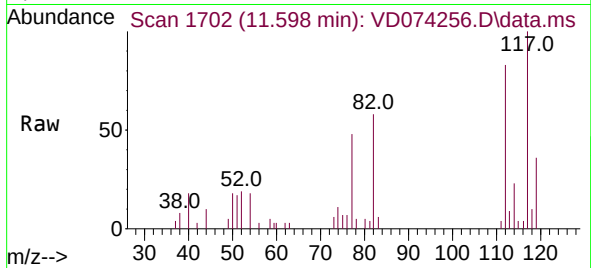




#65
Chlorobenzene
Concen: 2.696 ug/l
RT: 11.598 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

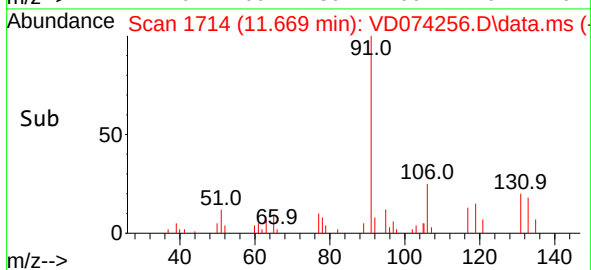
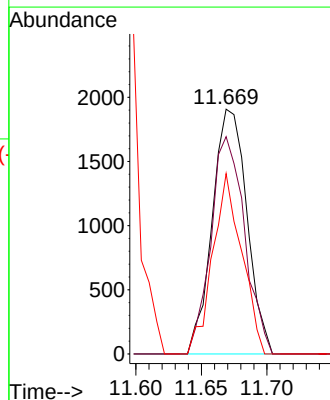
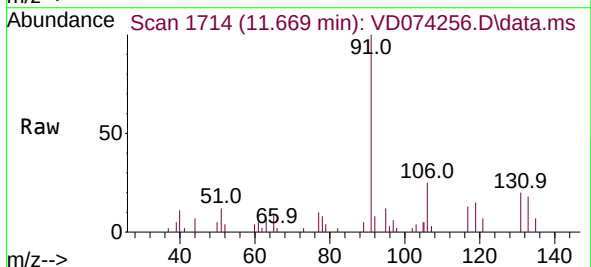
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

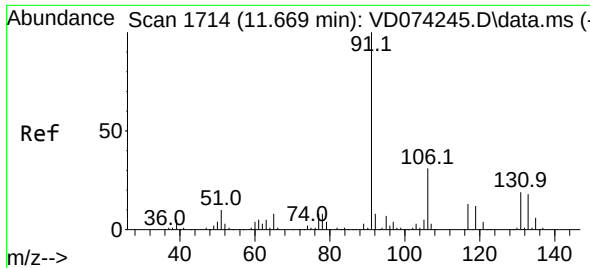
Tgt Ion:112 Resp: 9814
Ion Ratio Lower Upper
112 100
114 27.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 2.689 ug/l
RT: 11.669 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion:131 Resp: 3505
Ion Ratio Lower Upper
131 100
133 86.5 47.8 143.4
119 62.0 33.1 99.5

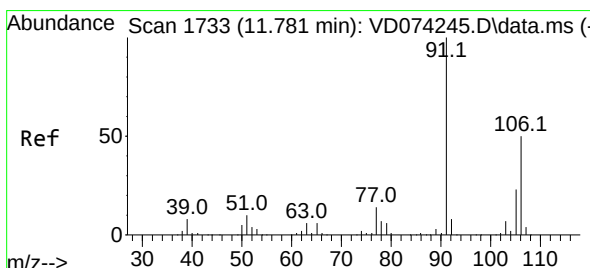
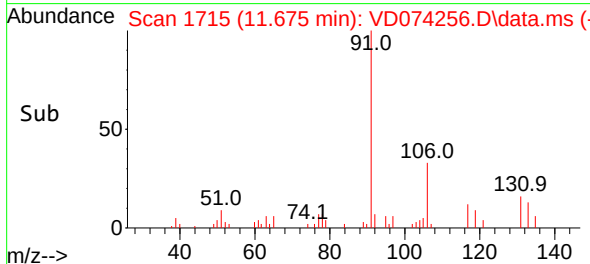
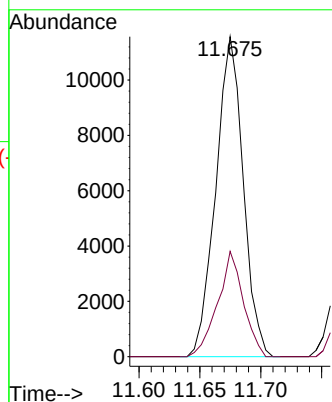
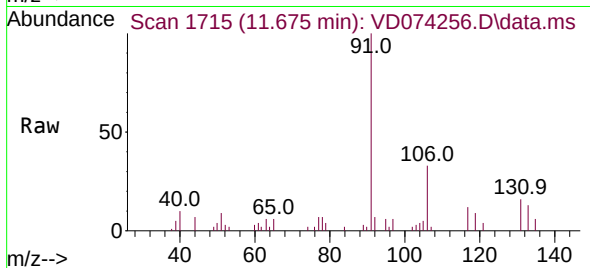




#67
Ethyl Benzene
Concen: 2.665 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

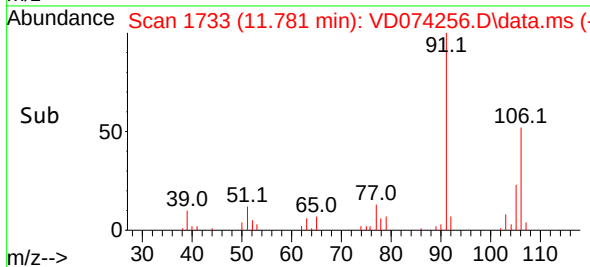
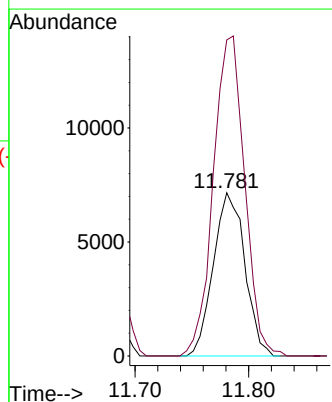
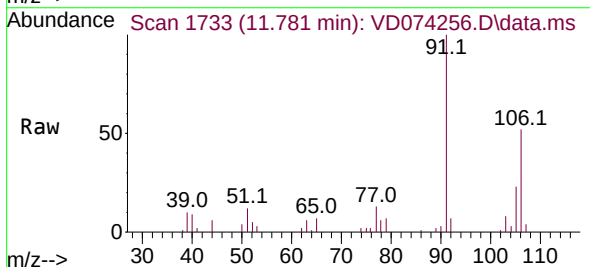
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

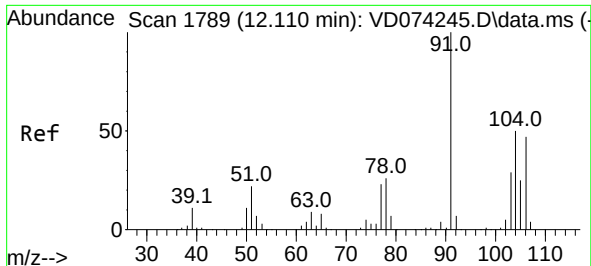
Tgt Ion: 91 Resp: 18122
Ion Ratio Lower Upper
91 100
106 32.9 24.8 37.2



#68
m/p-Xylenes
Concen: 5.339 ug/l
RT: 11.781 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 106 Resp: 13776
Ion Ratio Lower Upper
106 100
91 195.2 158.6 237.8





#69

o-Xylene

Concen: 2.640 ug/l

RT: 12.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

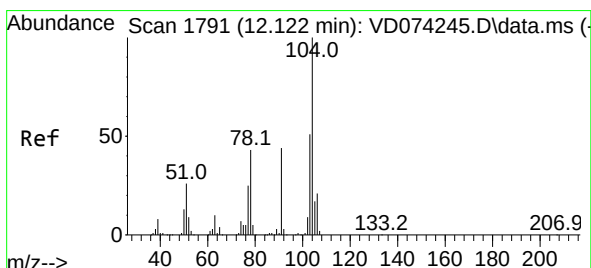
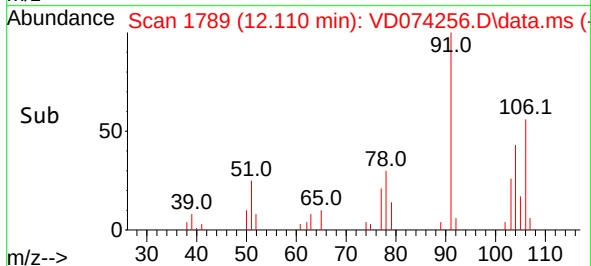
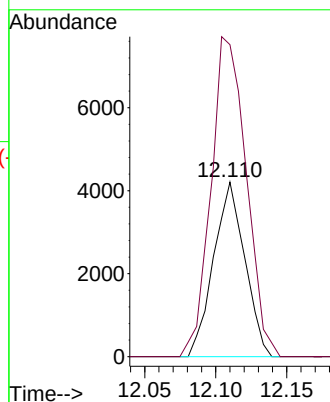
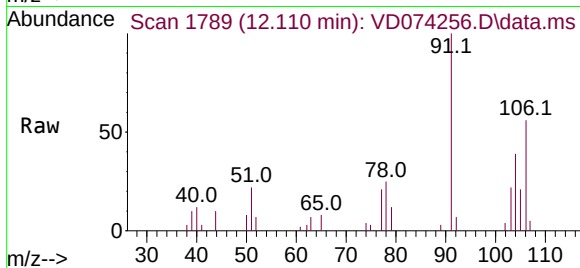
MDL02 2.5PPB

Tgt Ion:106 Resp: 6438

Ion Ratio Lower Upper

106 100

91 206.6 104.0 312.0



#70

Styrene

Concen: 2.698 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

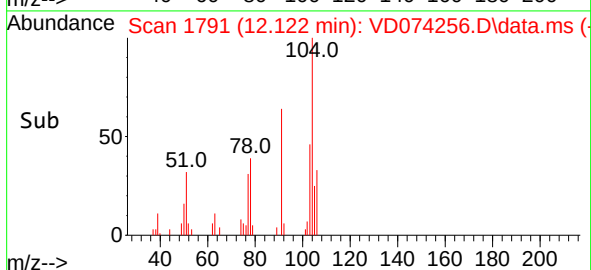
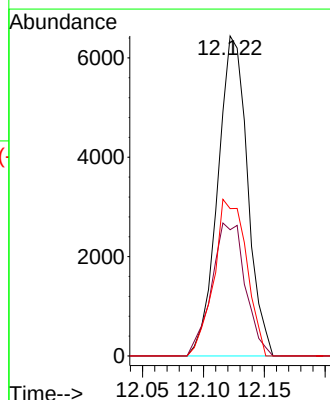
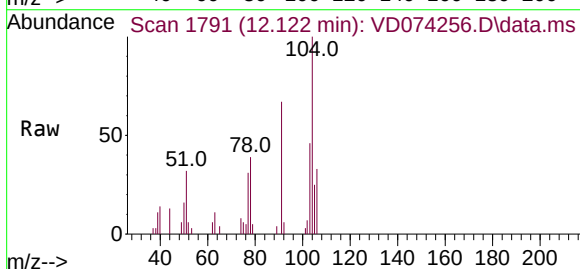
Tgt Ion:104 Resp: 10974

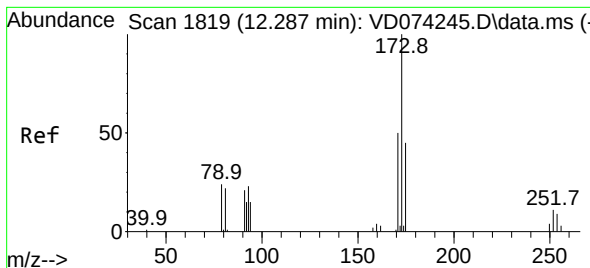
Ion Ratio Lower Upper

104 100

78 46.9 38.4 57.6

103 53.4 44.1 66.1





#71

Bromoform

Concen: 2.648 ug/l

RT: 12.292 min Scan# 1819

Delta R.T. 0.006 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

MDL02 2.5PPB

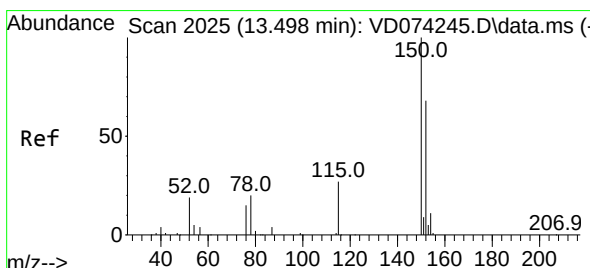
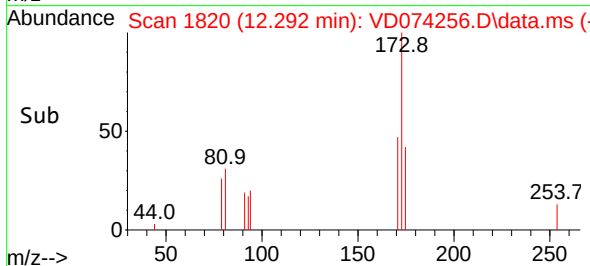
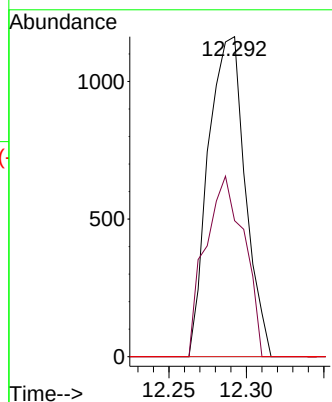
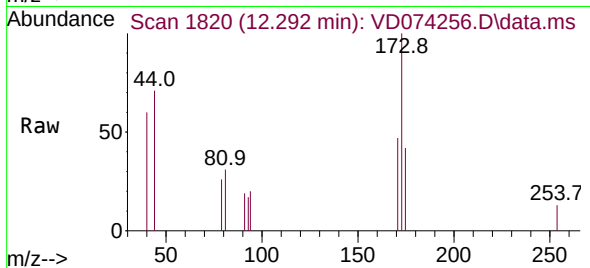
Tgt Ion:173 Resp: 1922

Ion Ratio Lower Upper

173 100

175 59.2 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: VD074256.D

Acq: 12 Sep 2022 14:50

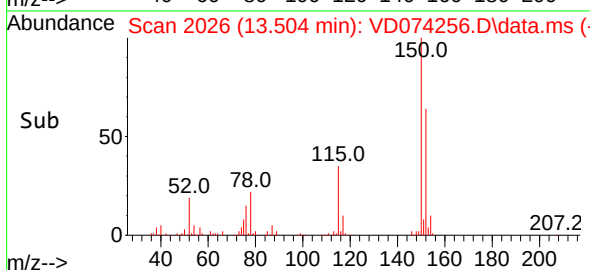
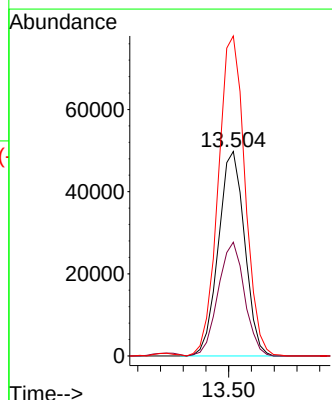
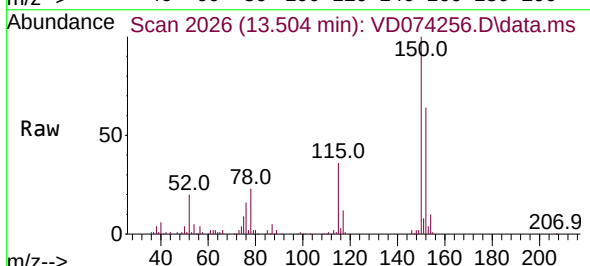
Tgt Ion:152 Resp: 79717

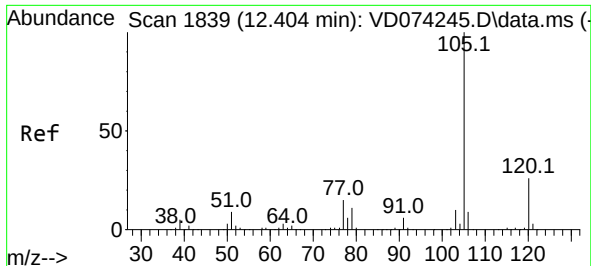
Ion Ratio Lower Upper

152 100

115 56.0 28.4 85.2

150 159.6 0.0 351.0

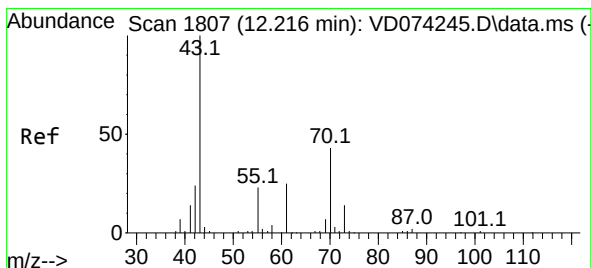
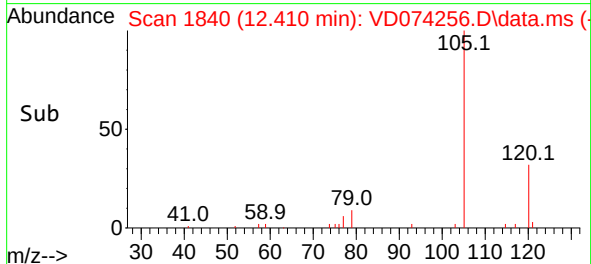
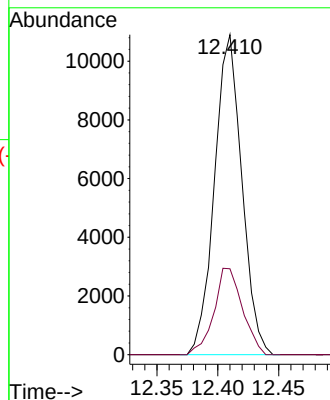
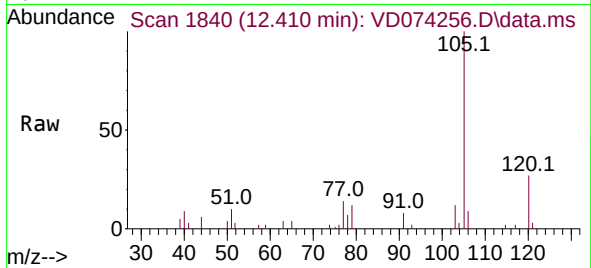




#73
Isopropylbenzene
Concen: 2.525 ug/l
RT: 12.410 min Scan# 1840
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

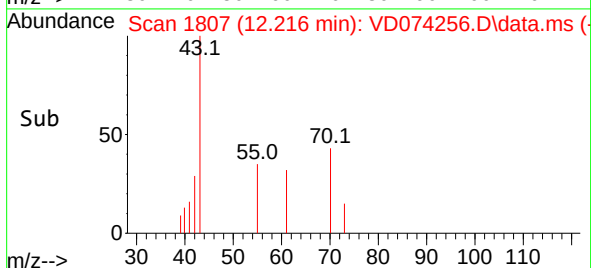
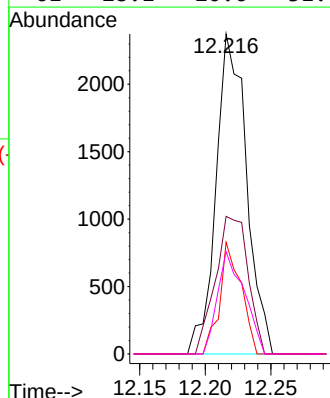
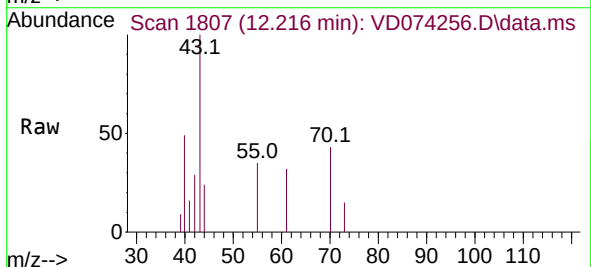
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

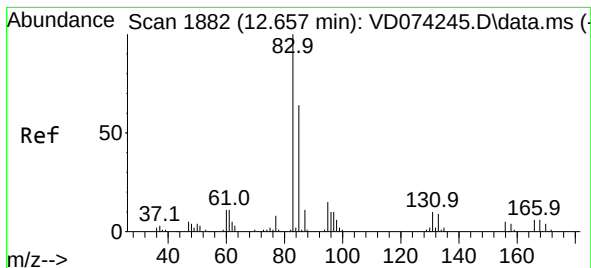
Tgt Ion:105 Resp: 17033
Ion Ratio Lower Upper
105 100
120 28.1 13.2 39.6



#74
N-ethyl acetate
Concen: 2.414 ug/l
RT: 12.216 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 43 Resp: 3834
Ion Ratio Lower Upper
43 100
70 46.0 34.6 51.8
55 24.5 18.2 27.2
61 28.1 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 2.751 ug/l

RT: 12.663 min Scan# 1883

Delta R.T. 0.006 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

MDL02 2.5PPB

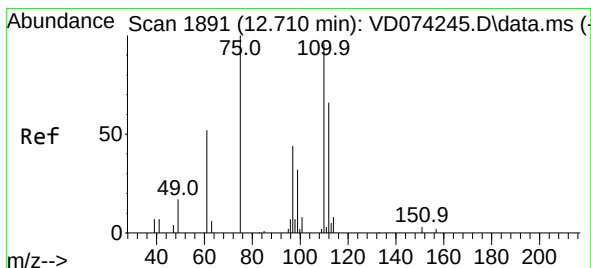
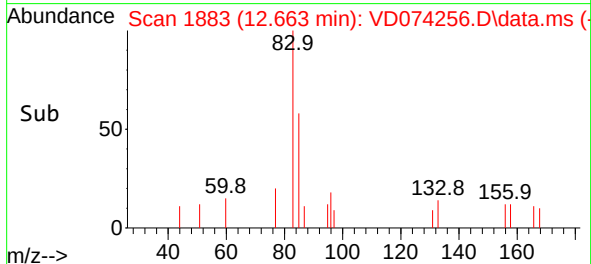
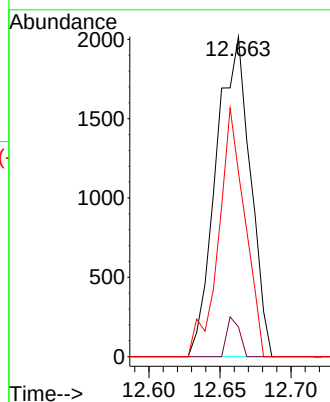
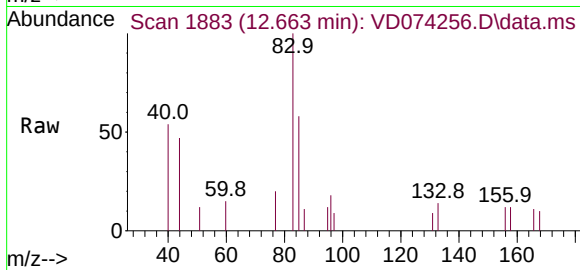
Tgt Ion: 83 Resp: 3379

Ion Ratio Lower Upper

83 100

131 4.6 4.9 14.7#

85 59.6 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 4.439 ug/l

RT: 12.710 min Scan# 1891

Delta R.T. -0.000 min

Lab File: VD074256.D

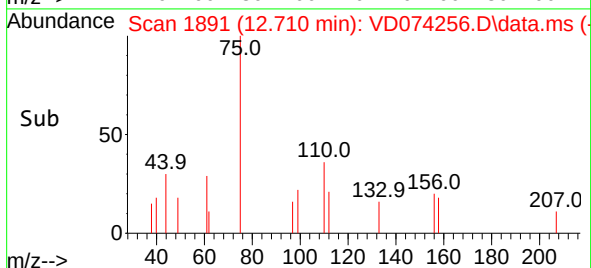
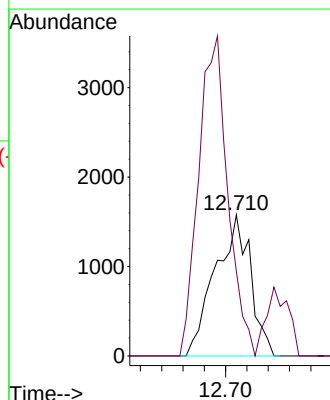
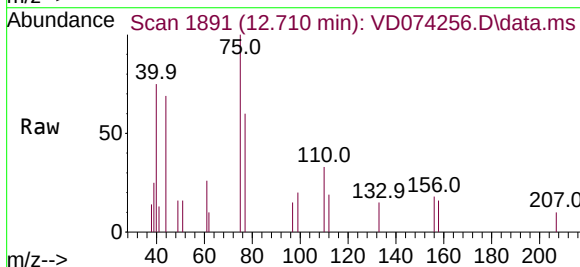
Acq: 12 Sep 2022 14:50

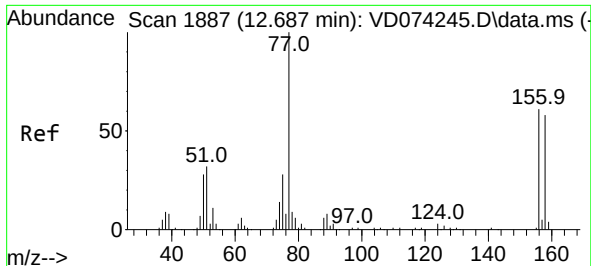
Tgt Ion: 75 Resp: 3628

Ion Ratio Lower Upper

75 100

77 187.6 0.0 0.0#

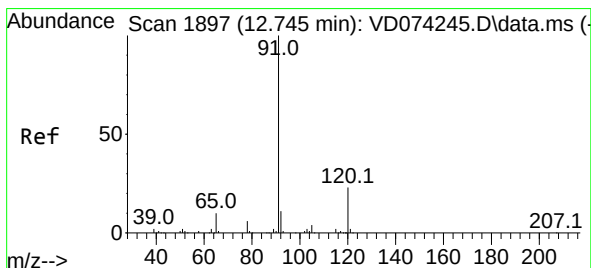
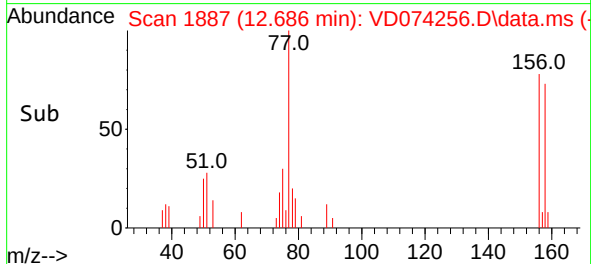
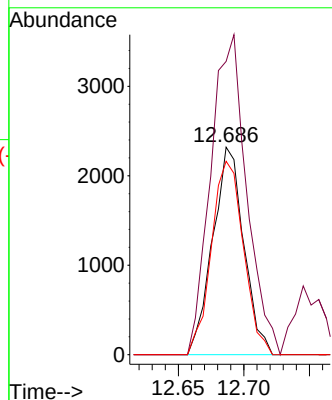
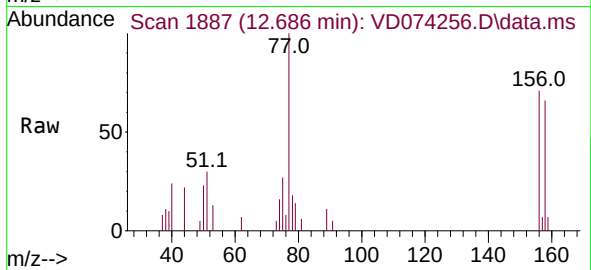




#77
Bromobenzene
Concen: 2.584 ug/l
RT: 12.686 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

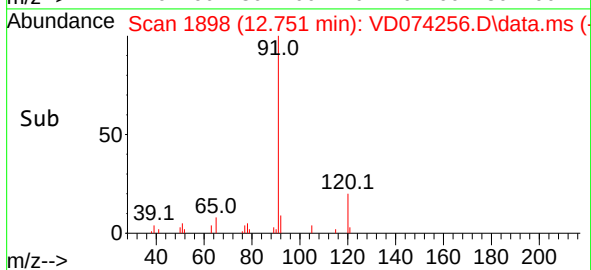
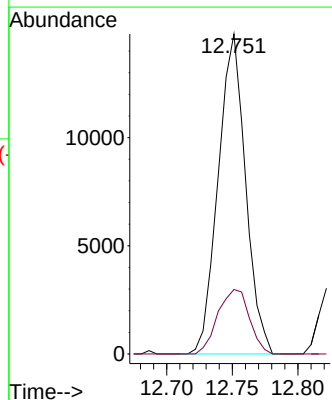
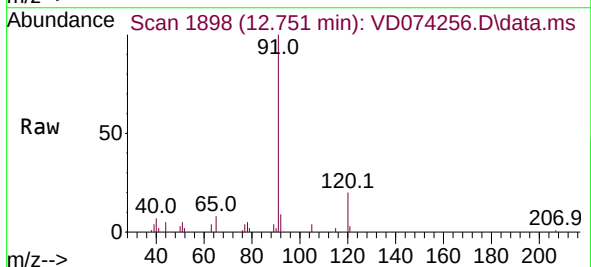
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

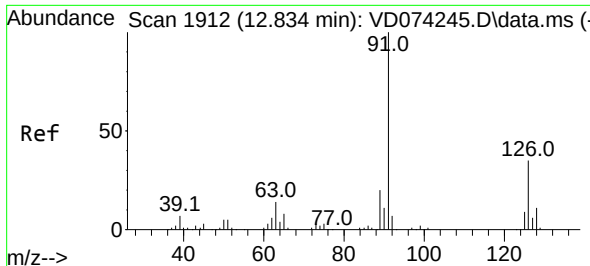
Tgt Ion:156 Resp: 3825
Ion Ratio Lower Upper
156 100
77 177.9 91.1 273.3
158 96.2 49.4 148.2



#78
n-propylbenzene
Concen: 2.598 ug/l
RT: 12.751 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 91 Resp: 21485
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.7

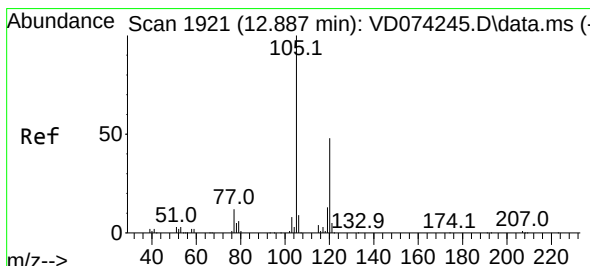
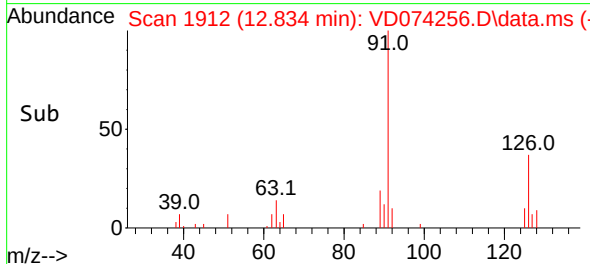
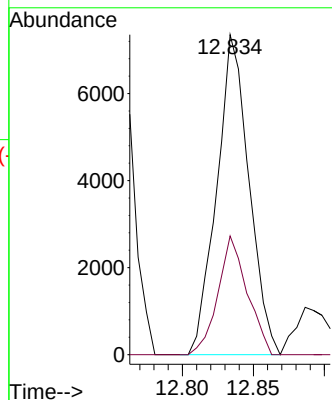
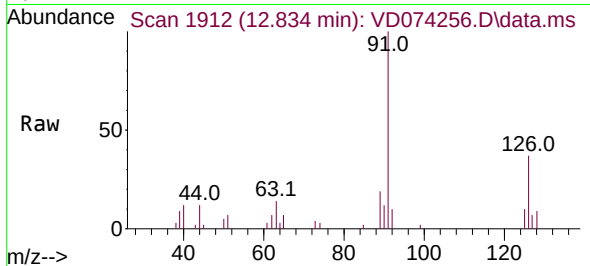




#79
2-Chlorotoluene
Concen: 2.598 ug/l
RT: 12.834 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

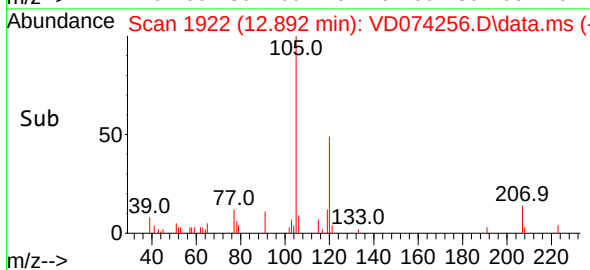
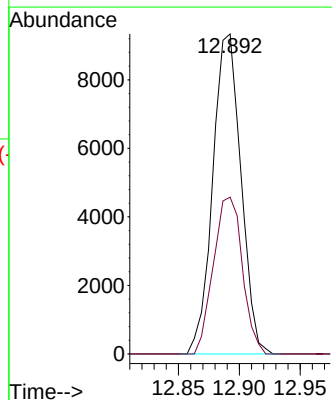
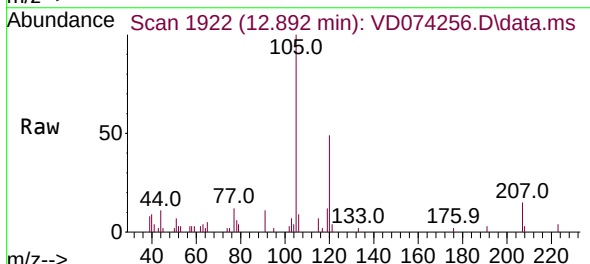
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

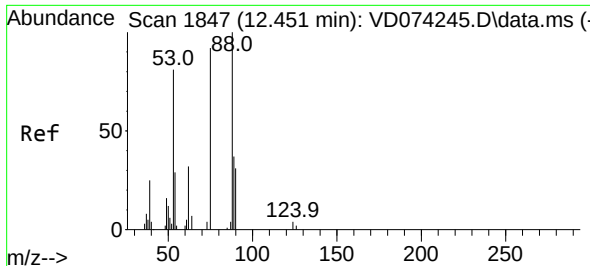
Tgt Ion: 91 Resp: 11622
Ion Ratio Lower Upper
91 100
126 33.6 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 2.690 ug/l
RT: 12.892 min Scan# 1922
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 105 Resp: 15034
Ion Ratio Lower Upper
105 100
120 50.3 24.6 74.0

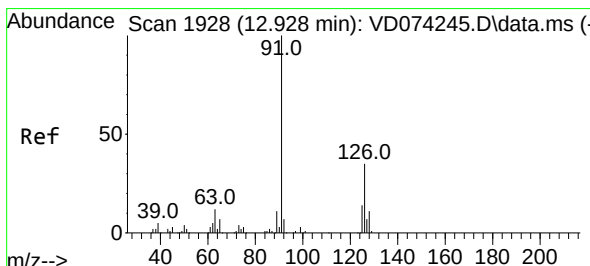
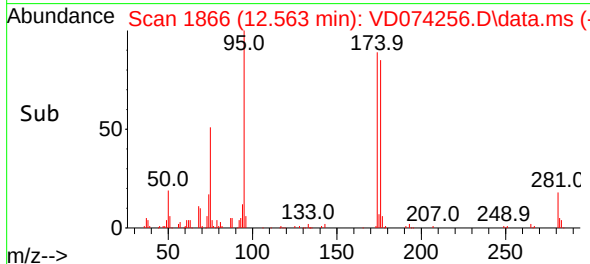
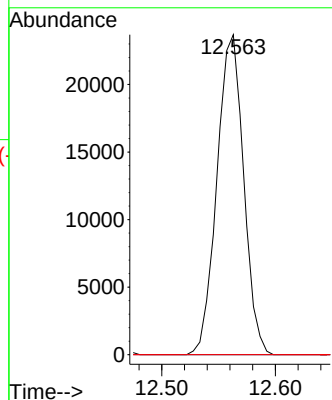
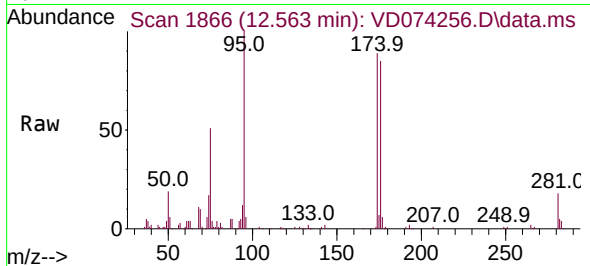




#81
trans-1,4-Dichloro-2-butene
Concen: 116.758 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.112 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

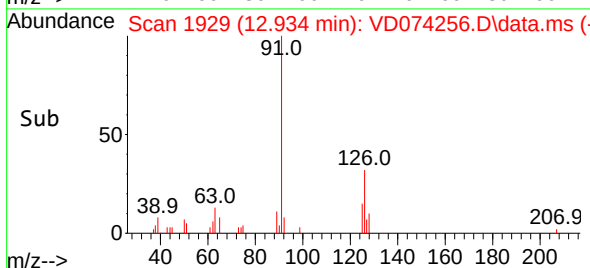
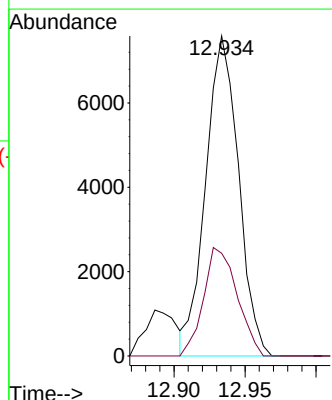
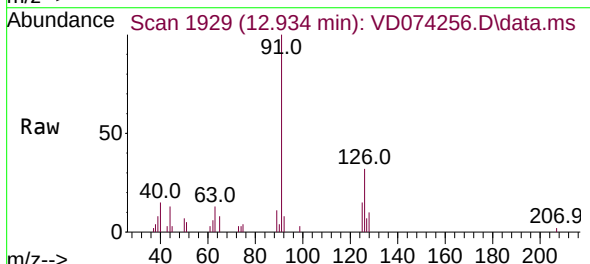
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

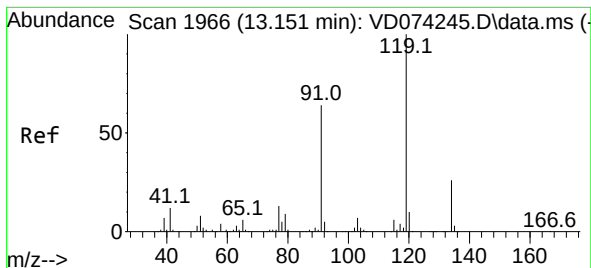
Tgt Ion: 75 Resp: 38700
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 2.676 ug/l
RT: 12.934 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 91 Resp: 12188
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 2.569 ug/l

RT: 13.157 min Scan# 1966

Delta R.T. 0.006 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

MDL02 2.5PPB

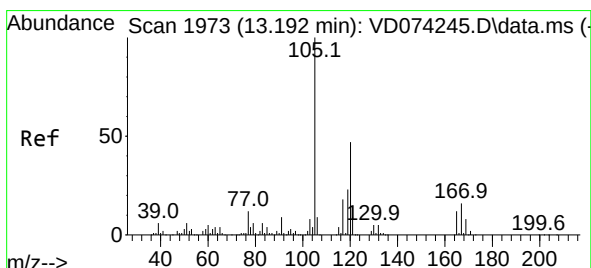
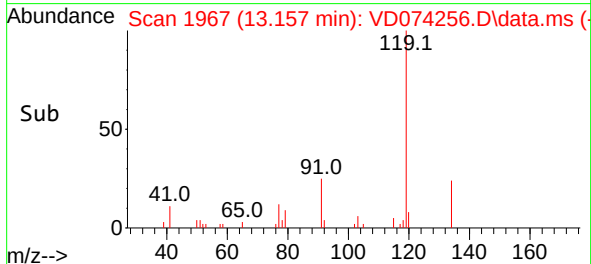
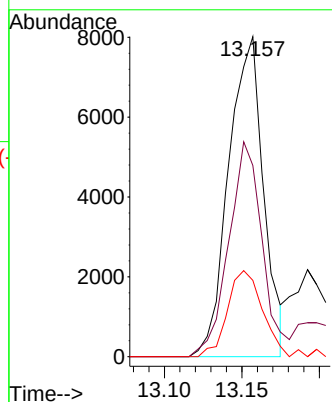
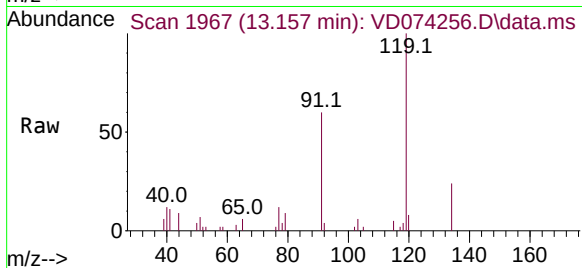
Tgt Ion:119 Resp: 12567

Ion Ratio Lower Upper

119 100

91 64.5 31.3 93.9

134 27.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 2.717 ug/l

RT: 13.198 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VD074256.D

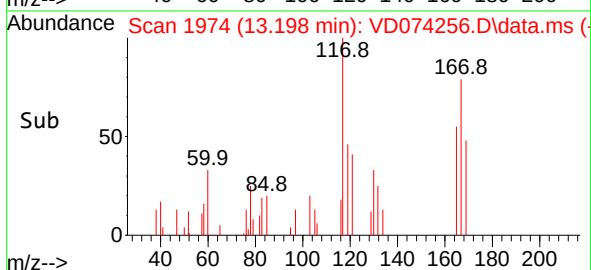
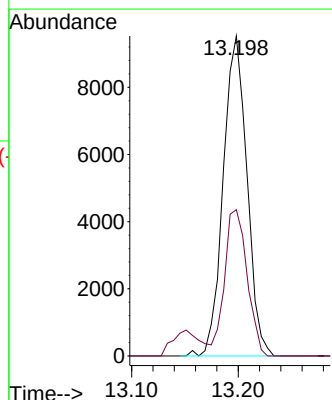
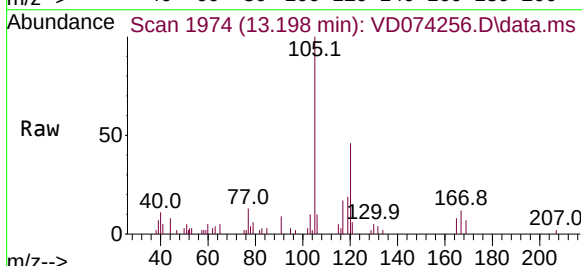
Acq: 12 Sep 2022 14:50

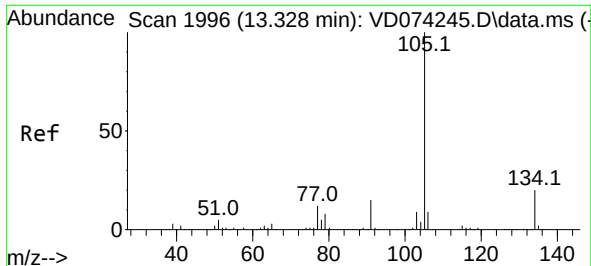
Tgt Ion:105 Resp: 14737

Ion Ratio Lower Upper

105 100

120 43.3 23.1 69.3

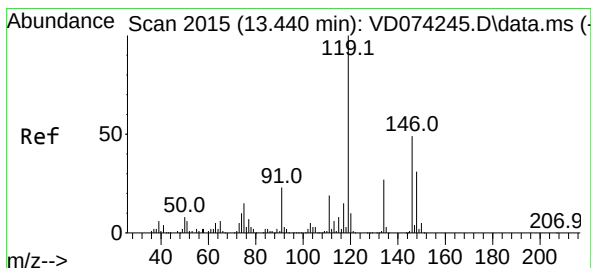
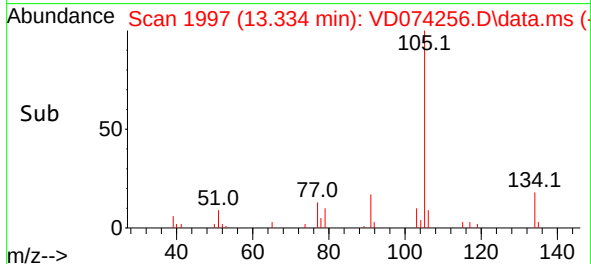
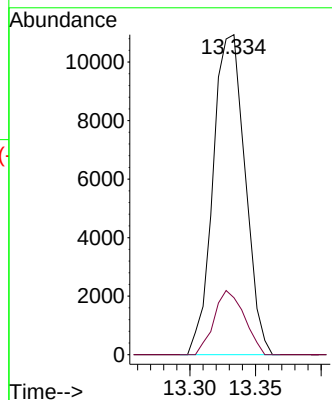
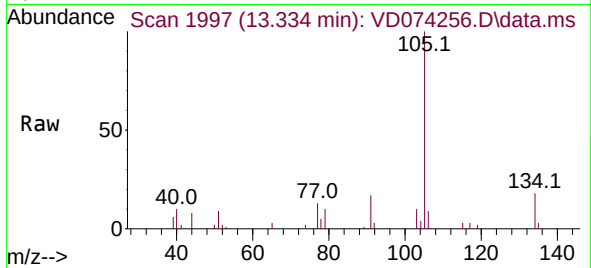




#85
 sec-Butylbenzene
 Concen: 2.510 ug/l
 RT: 13.334 min Scan# 1997
 Delta R.T. 0.006 min
 Lab File: VD074256.D
 Acq: 12 Sep 2022 14:50

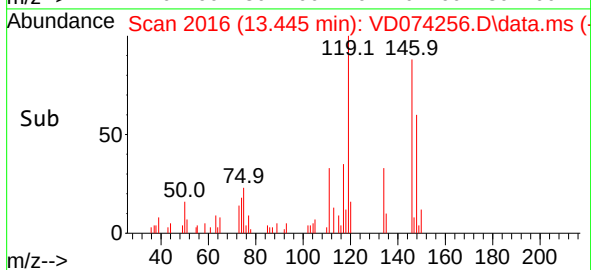
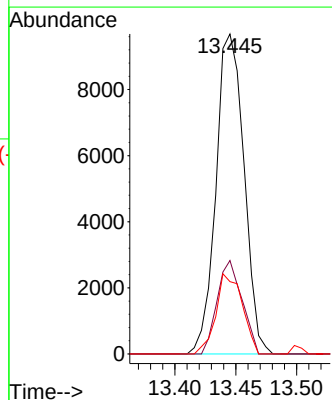
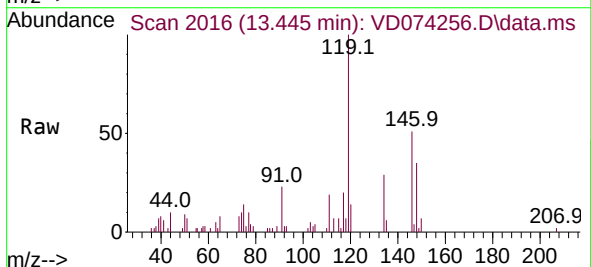
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL02 2.5PPB

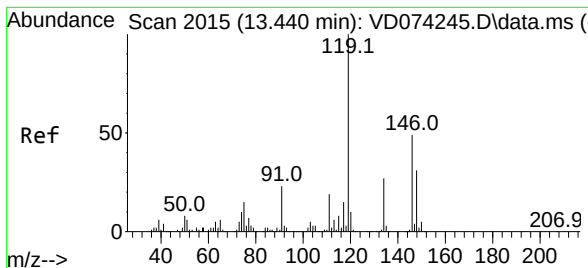
Tgt Ion:105 Resp: 18598
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 2.565 ug/l
 RT: 13.445 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VD074256.D
 Acq: 12 Sep 2022 14:50

Tgt Ion:119 Resp: 15524
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 23.5 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 2.674 ug/l

RT: 13.445 min Scan# 2015

Delta R.T. 0.006 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

MDL02 2.5PPB

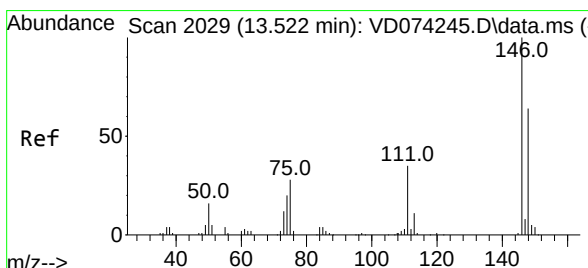
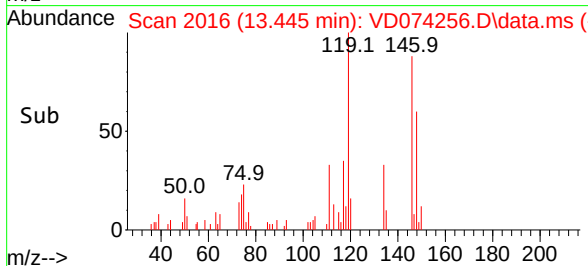
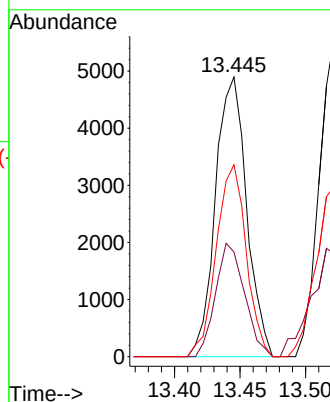
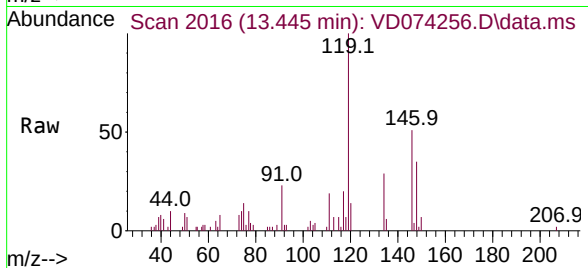
Tgt Ion:146 Resp: 8073

Ion Ratio Lower Upper

146 100

111 37.8 18.1 54.4

148 66.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 2.936 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD074256.D

Acq: 12 Sep 2022 14:50

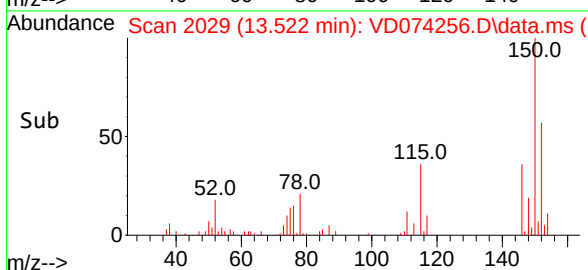
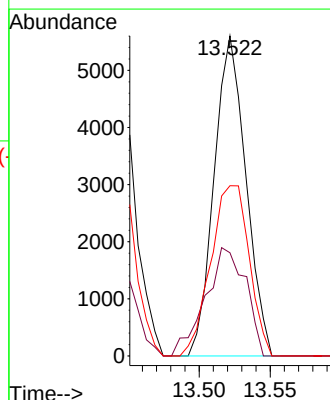
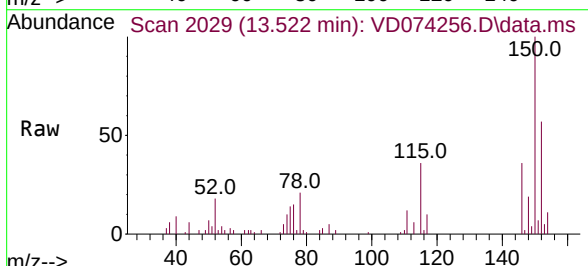
Tgt Ion:146 Resp: 8715

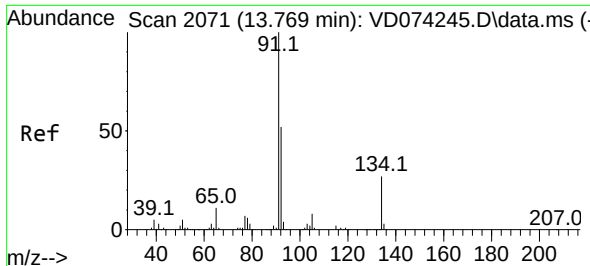
Ion Ratio Lower Upper

146 100

111 43.0 18.4 55.2

148 64.5 32.1 96.5

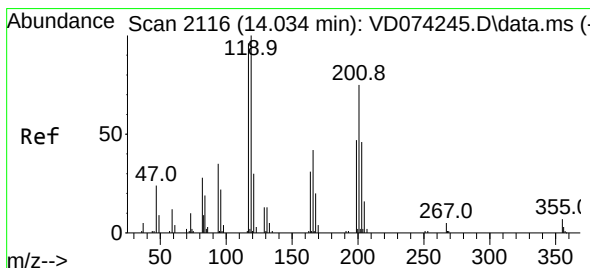
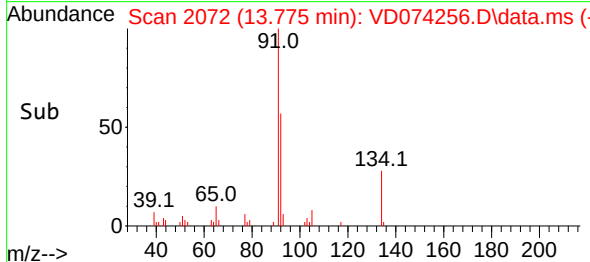
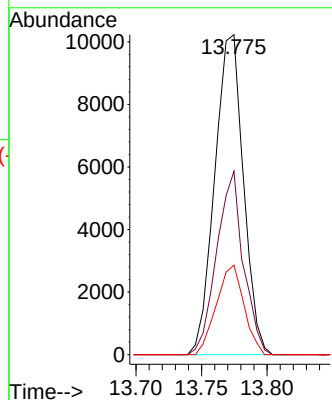
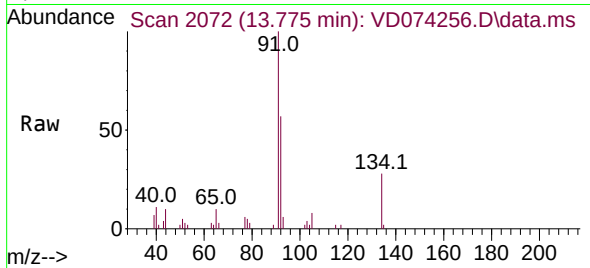




#89
n-Butylbenzene
Concen: 2.630 ug/l
RT: 13.775 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

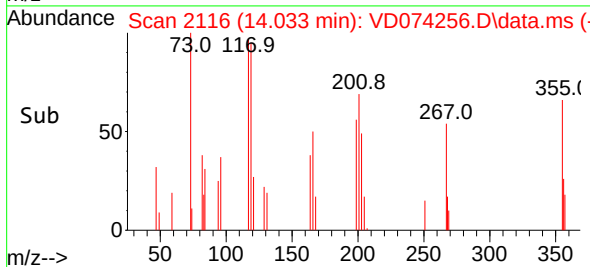
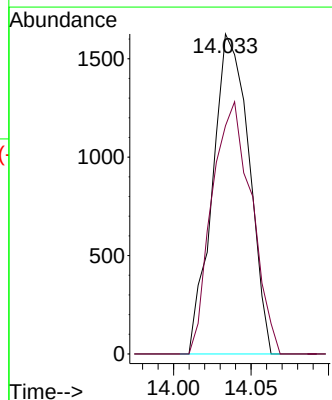
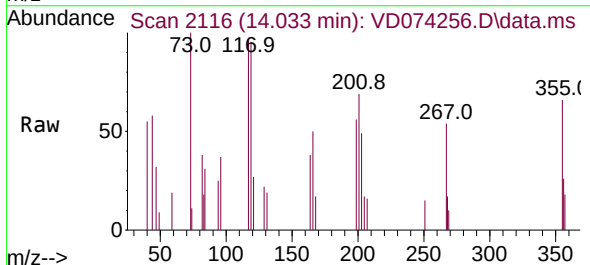
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

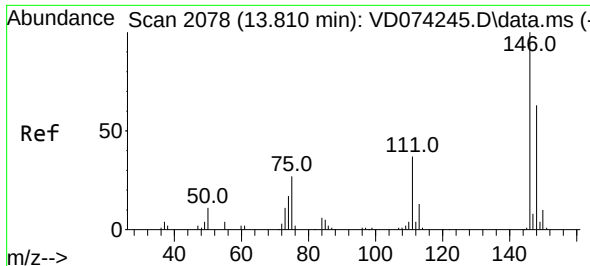
Tgt Ion: 91 Resp: 15553
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.7
134 26.9 13.1 39.1



#90
Hexachloroethane
Concen: 2.397 ug/l
RT: 14.033 min Scan# 2116
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 117 Resp: 2653
Ion Ratio Lower Upper
117 100
201 85.5 38.0 113.9

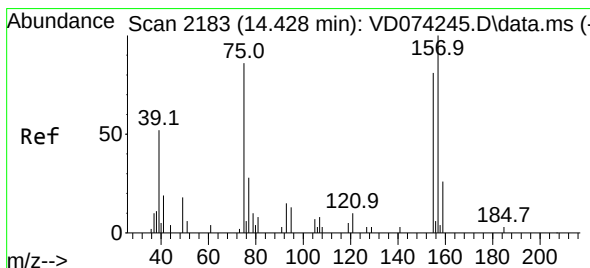
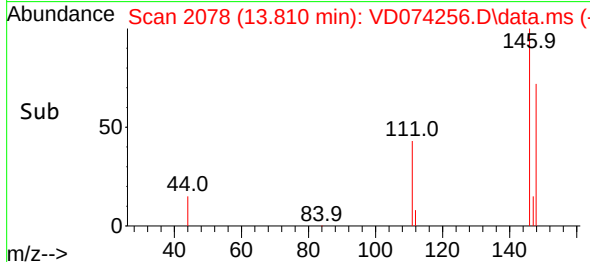
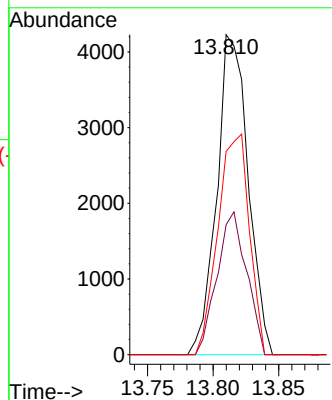
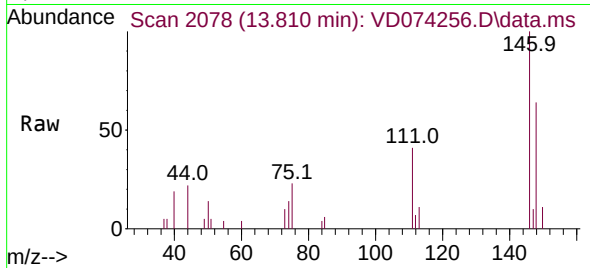




#91
1,2-Dichlorobenzene
Concen: 2.674 ug/l
RT: 13.810 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

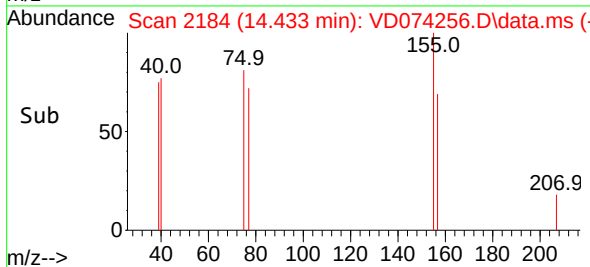
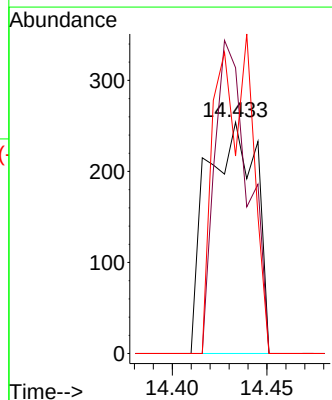
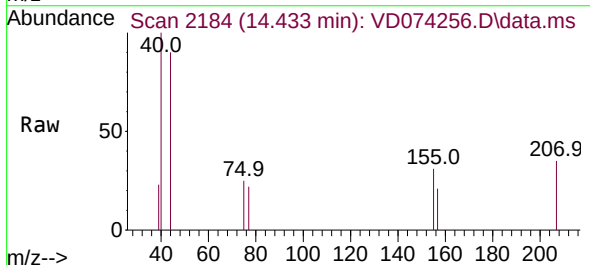
Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

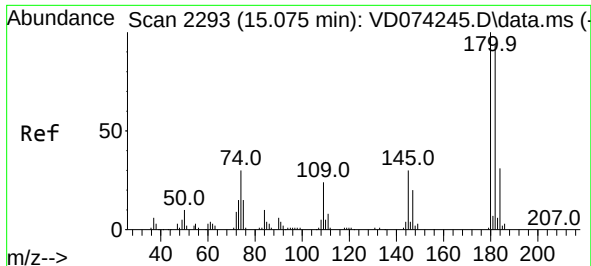
Tgt Ion:146 Resp: 7019
Ion Ratio Lower Upper
146 100
111 42.2 19.4 58.4
148 69.1 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.654 ug/l
RT: 14.433 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion: 75 Resp: 458
Ion Ratio Lower Upper
75 100
155 93.0 49.2 147.6
157 102.4 62.1 186.2

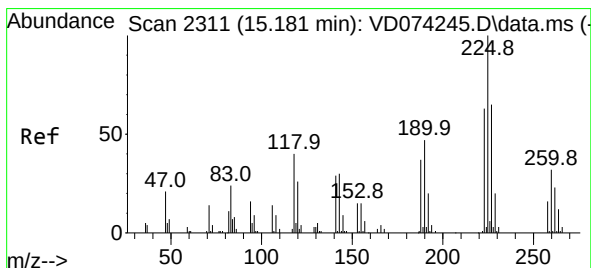
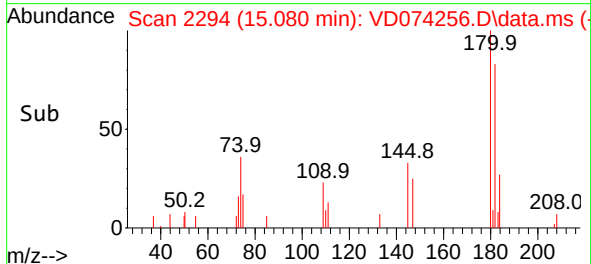
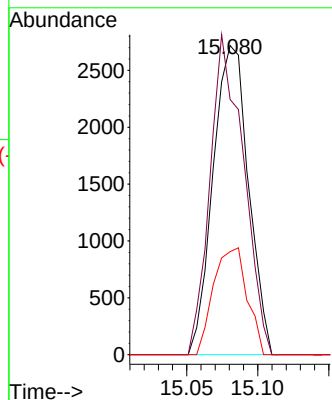
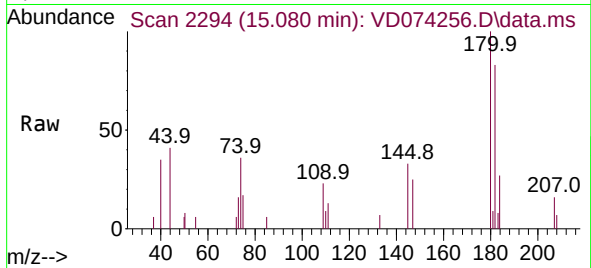




#93
 1,2,4-Trichlorobenzene
 Concen: 2.599 ug/l
 RT: 15.080 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD074256.D
 Acq: 12 Sep 2022 14:50

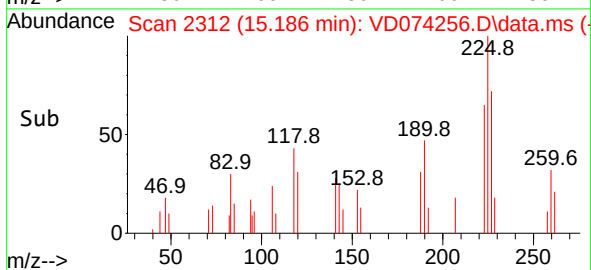
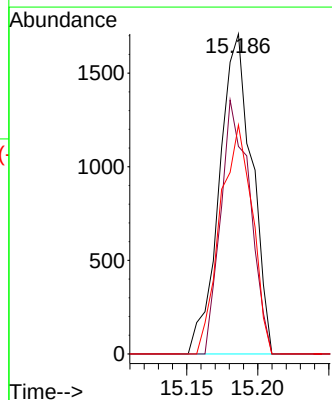
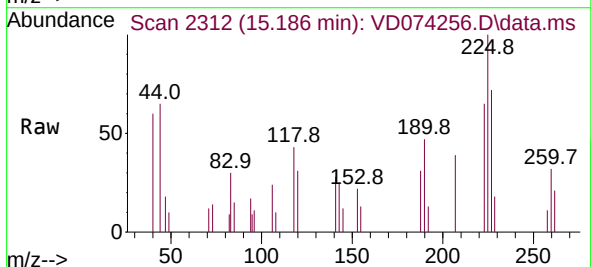
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL02 2.5PPB

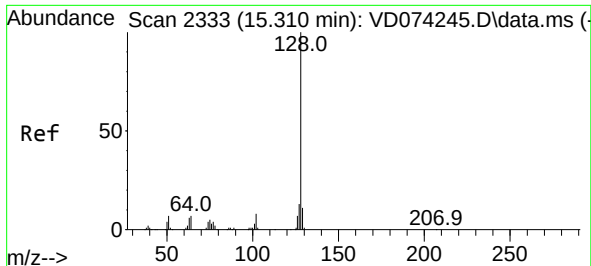
Tgt Ion:180 Resp: 4717
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.6 142.9
 145 32.8 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 2.635 ug/l
 RT: 15.186 min Scan# 2312
 Delta R.T. 0.006 min
 Lab File: VD074256.D
 Acq: 12 Sep 2022 14:50

Tgt Ion:225 Resp: 2732
 Ion Ratio Lower Upper
 225 100
 223 70.5 32.4 97.0
 227 70.5 32.7 98.1

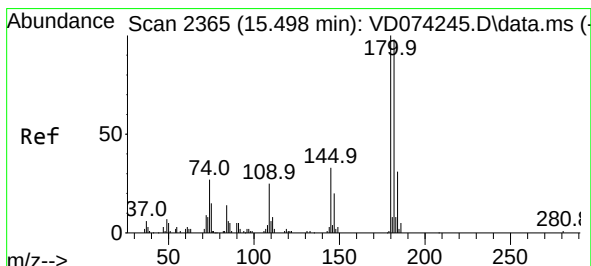
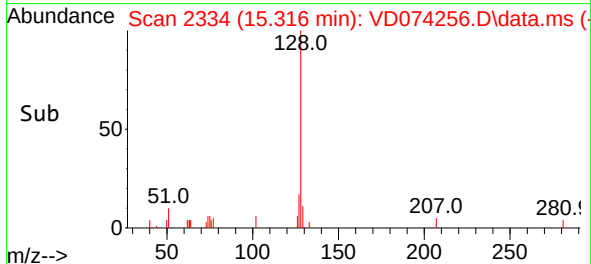
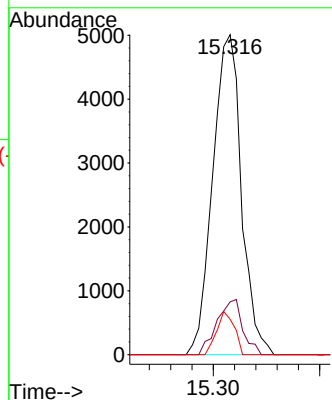
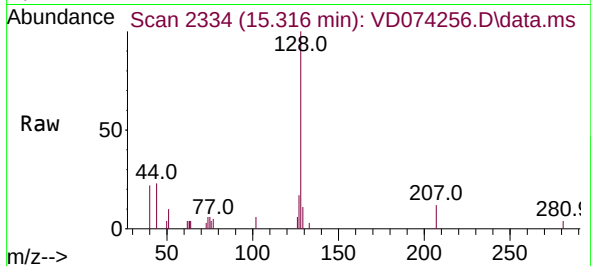




#95
Naphthalene
Concen: 2.757 ug/l
RT: 15.316 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Instrument :
MSVOA_D
ClientSampleId :
MDL02 2.5PPB

Tgt Ion:128 Resp: 9349
Ion Ratio Lower Upper
128 100
127 15.5 10.9 16.3
129 8.3 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 2.774 ug/l
RT: 15.504 min Scan# 2366
Delta R.T. 0.006 min
Lab File: VD074256.D
Acq: 12 Sep 2022 14:50

Tgt Ion:180 Resp: 4322
Ion Ratio Lower Upper
180 100
182 92.2 47.5 142.5
145 27.9 15.8 47.3

