

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050922\
 Data File : VD072891.D
 Acq On : 09 May 2022 15:28
 Operator : VA/SY
 Sample : N2725-01RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRE-1254

Quant Time: May 09 16:12:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	361427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	618826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	521810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	206294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	199108	42.439	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.880%		
35) Dibromofluoromethane	7.908	113	197344	45.407	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.820%		
50) Toluene-d8	10.332	98	760447	48.778	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.620	95	286799	49.337	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.680%		
Target Compounds						
5) Bromomethane	2.779	94	1113	Below Cal		86
11) Tert butyl alcohol	5.209	59	81299	200.283	ug/l	98
13) Acrolein	3.932	56	174	Below Cal		98
16) Acetone	4.156	43	1136463	1355.854	ug/l	95
18) Methyl Acetate	4.720	43	18582	7.067	ug/l #	91
20) Methylene Chloride	4.956	84	29045	Below Cal		91
25) 2-Butanone	7.203	43	45585	33.347	ug/l	95
29) Tetrahydrofuran	7.561	42	3673	4.215	ug/l #	63
31) Cyclohexane	7.955	56	241897	29.495	ug/l #	52
38) Carbon Tetrachloride	7.973	117	36531	4.980	ug/l #	17
39) Methylcyclohexane	9.350	83	645563	78.756	ug/l	99
40) Benzene	8.350	78	97750	4.790	ug/l	93
43) Isopropyl Acetate	8.438	43	106724	17.799	ug/l #	54
45) 1,2-Dichloropropane	9.350	63	7685	1.434	ug/l #	1
47) Bromodichloromethane	9.767	83	10386	1.366	ug/l #	34
48) Methyl methacrylate	9.414	41	146553	49.961	ug/l #	47
49) 1,4-Dioxane	9.450	88	10235	307.434	ug/l #	21
51) 4-Methyl-2-Pentanone	10.220	43	189994	60.978	ug/l	94
52) Toluene	10.397	92	17344439	1362.440	ug/l #	1
53) t-1,3-Dichloropropene	10.397	75	247918	35.489	ug/l #	1
55) 1,1,2-Trichloroethane	10.767	97	330953	82.808	ug/l #	20
56) Ethyl methacrylate	10.632	69	37493	7.968	ug/l #	18
59) 2-Hexanone	10.944	43	443334	211.458	ug/l #	27
67) Ethyl Benzene	11.738	91	4264064	204.148	ug/l	98
68) m/p-Xylenes	11.838	106	3734550	464.164	ug/l	98
69) o-Xylene	12.173	106	1947748	259.208	ug/l	96
70) Styrene	12.173	104	101740	7.815	ug/l #	1
73) Isopropylbenzene	12.467	105	730741	45.528	ug/l	99
74) N-amyl acetate	12.255	43	1086043	271.714	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.661	83	25813	7.967	ug/l #	1
76) 1,2,3-Trichloropropane	12.808	75	15817	6.876	ug/l #	100
78) n-propylbenzene	12.808	91	2551736	126.144	ug/l	99
79) 2-Chlorotoluene	12.873	91	846370	71.625	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.949	105	2538565	186.528	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.461	75	10836	10.833	ug/l #	1
82) 4-Chlorotoluene	12.943	91	299301	24.242	ug/l #	50

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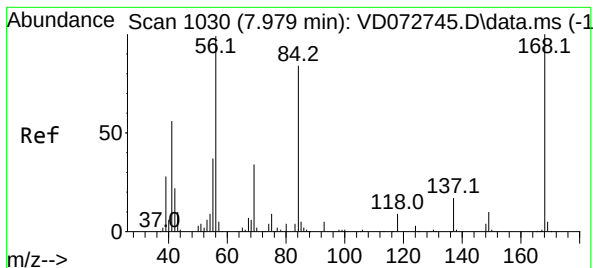
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

83) tert-Butylbenzene	13.255	119	1155589	99.874	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.255	105	8966481	659.126	ug/l	96
85) sec-Butylbenzene	13.390	105	942509	54.009	ug/l	84
86) p-Isopropyltoluene	13.502	119	564146	39.429	ug/l	99
89) n-Butylbenzene	13.826	91	1667472	120.306	ug/l #	73
90) Hexachloroethane	14.102	117	190448	64.975	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.514	75	4934	9.607	ug/l #	30
95) Naphthalene	15.385	128	517757	71.061	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.590	180	7049	2.007	ug/l #	1

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

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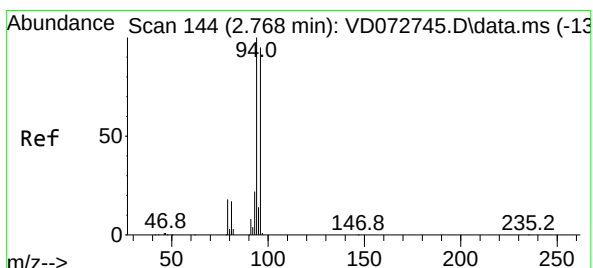
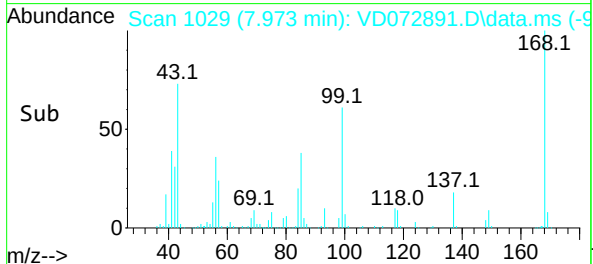
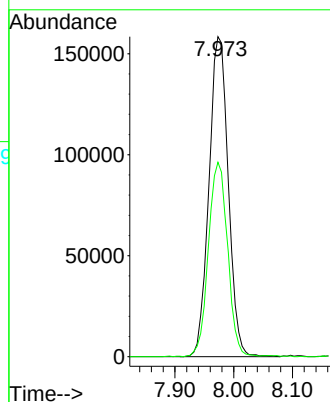
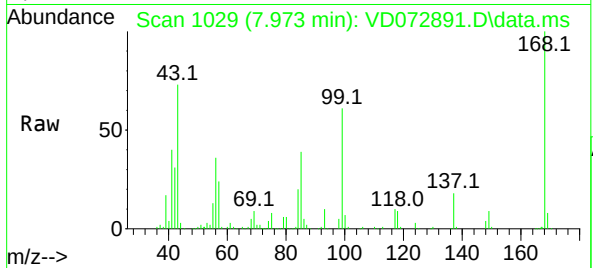




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

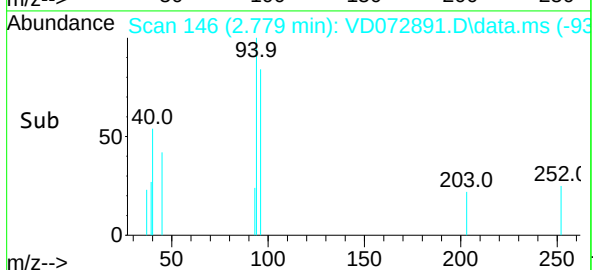
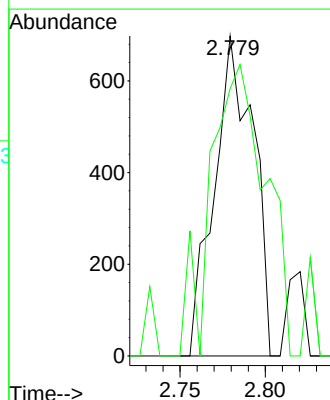
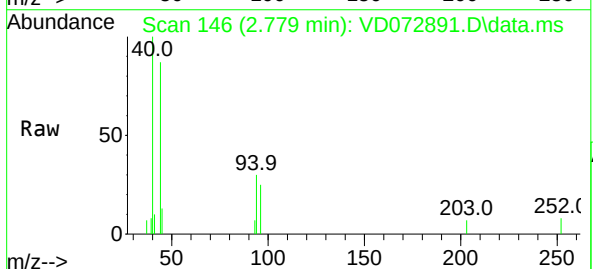
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

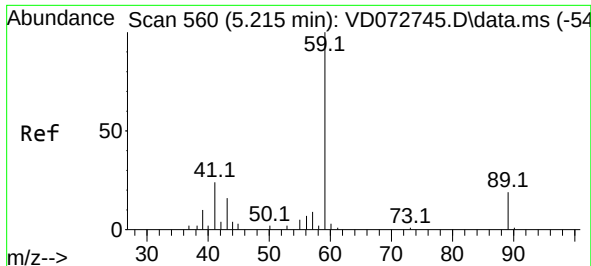
Tgt Ion:168 Resp: 361427
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion: 94 Resp: 1113
Ion Ratio Lower Upper
94 100
96 83.5 77.6 116.4

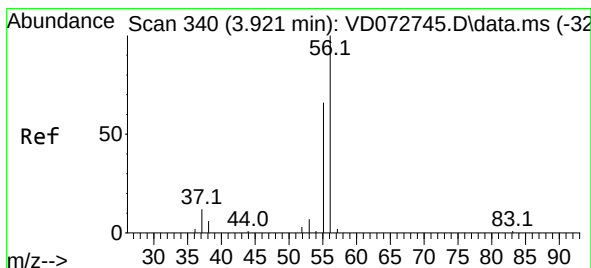
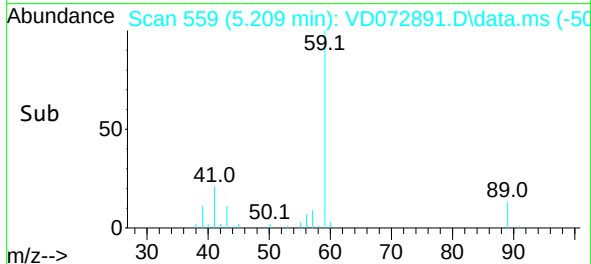
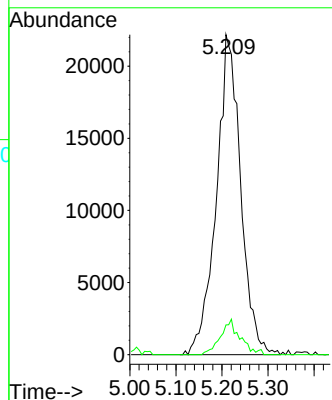
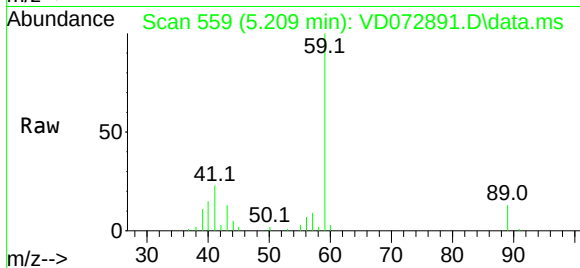




#11
Tert butyl alcohol
Concen: 200.283 ug/l
RT: 5.209 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

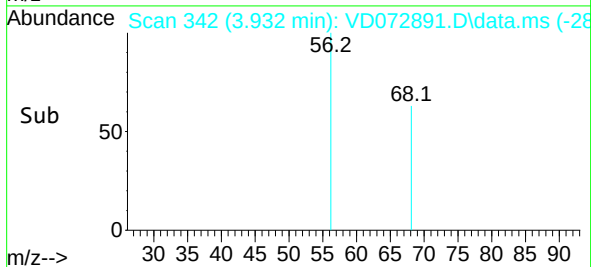
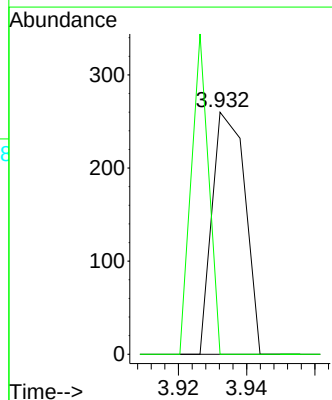
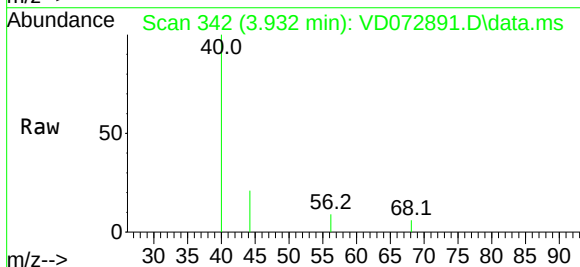
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

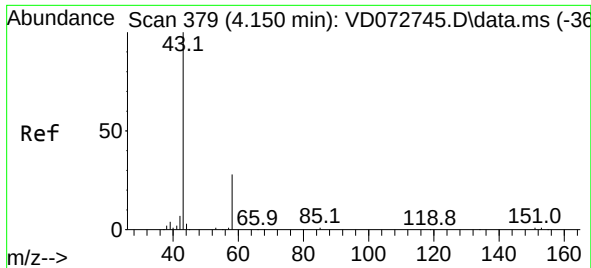
Tgt Ion: 59 Resp: 81299
Ion Ratio Lower Upper
59 100
57 8.9 7.8 11.6



#13
Acrolein
Concen: Below Cal
RT: 3.932 min Scan# 342
Delta R.T. 0.011 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion: 56 Resp: 174
Ion Ratio Lower Upper
56 100
55 69.5 57.1 85.7

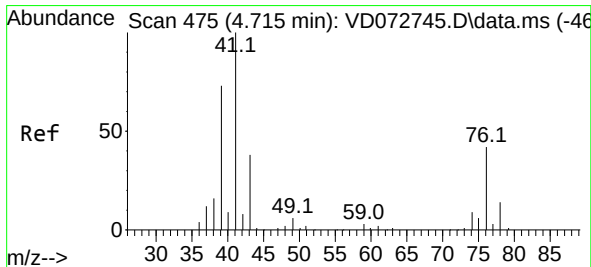
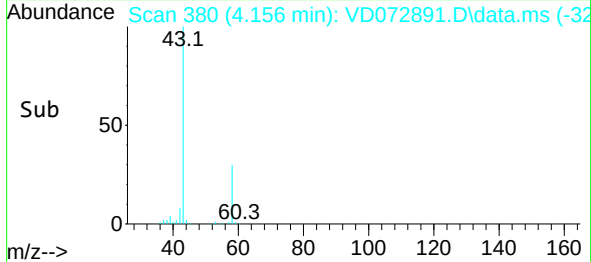
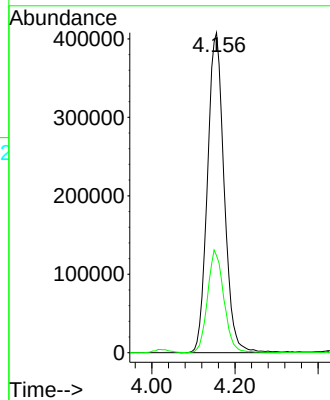
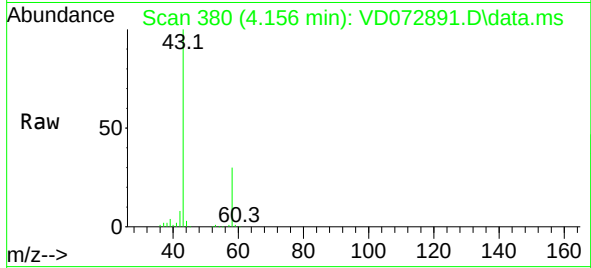




#16
Acetone
Concen: 1355.854 ug/l
RT: 4.156 min Scan# 379
Delta R.T. 0.006 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

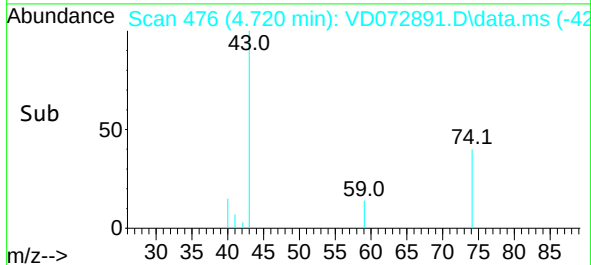
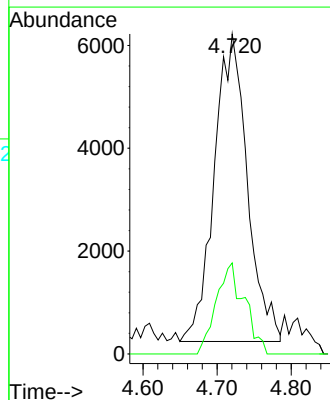
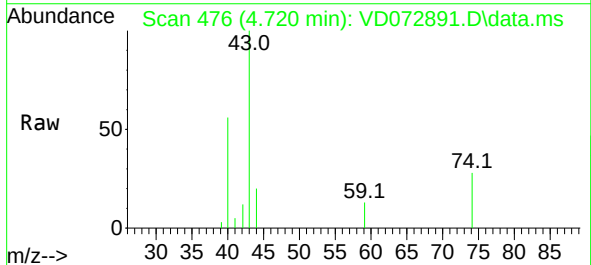
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

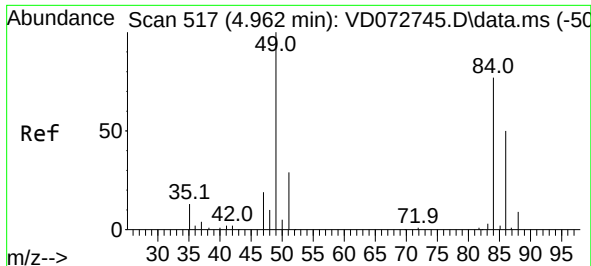
Tgt Ion: 43 Resp: 1136463
Ion Ratio Lower Upper
43 100
58 30.3 22.1 33.1



#18
Methyl Acetate
Concen: 7.067 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion: 43 Resp: 18582
Ion Ratio Lower Upper
43 100
74 25.1 16.7 25.1#



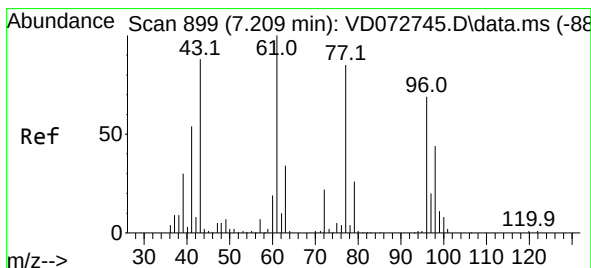
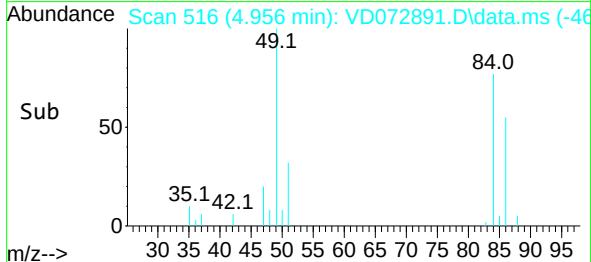
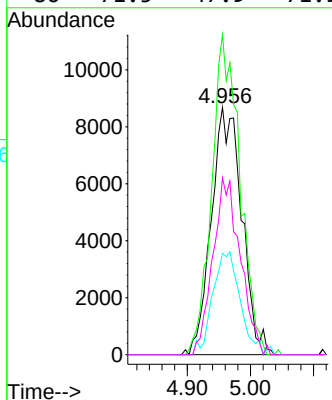
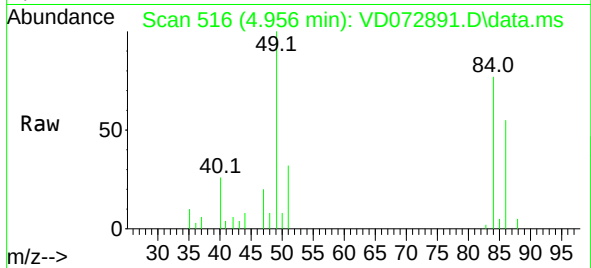


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

Tgt Ion: 84 Resp: 29045

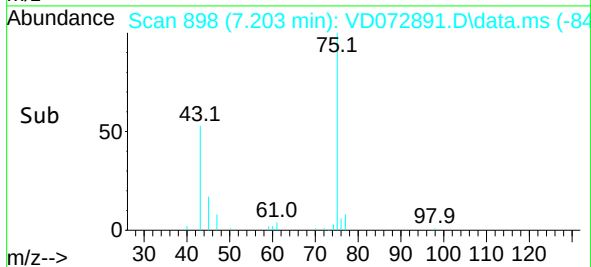
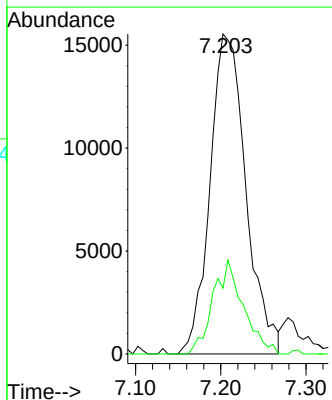
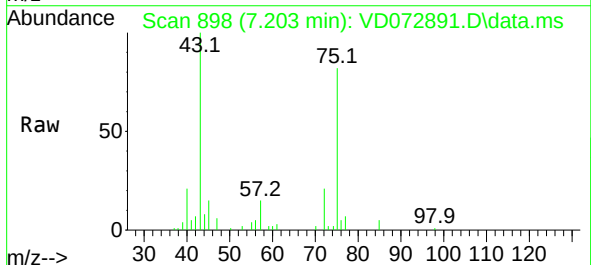
Ion	Ratio	Lower	Upper
84	100		
49	129.4	112.8	169.2
51	41.0	32.6	48.8
86	71.5	47.9	71.9

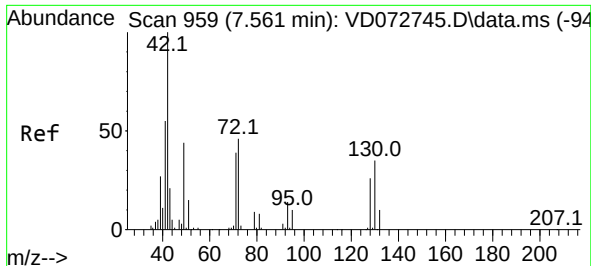


#25
2-Butanone
Concen: 33.347 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion: 43 Resp: 45585

Ion	Ratio	Lower	Upper
43	100		
72	20.6	18.6	27.8





#29

Tetrahydrofuran

Concen: 4.215 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072891.D

Acq: 09 May 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

TRE-1254

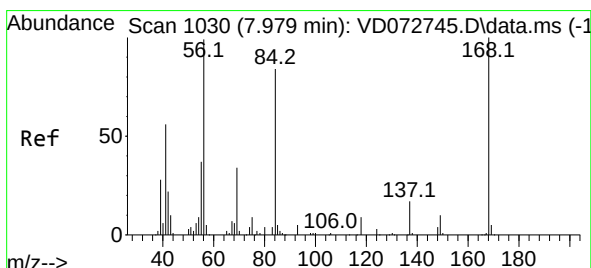
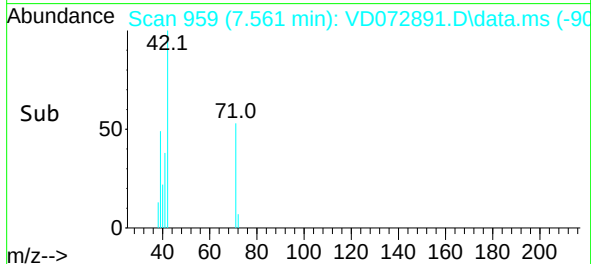
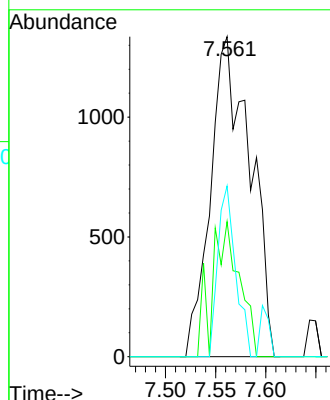
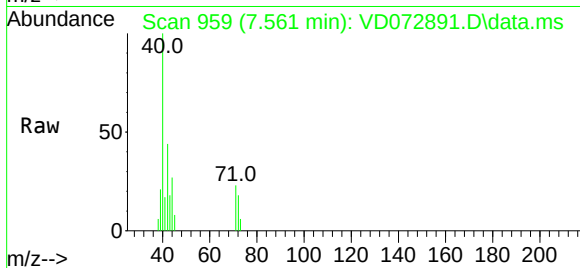
Tgt Ion: 42 Resp: 3673

Ion Ratio Lower Upper

42 100

72 29.2 30.7 46.1#

71 0.0 28.6 43.0#



#31

Cyclohexane

Concen: 29.495 ug/l

RT: 7.955 min Scan# 1026

Delta R.T. -0.024 min

Lab File: VD072891.D

Acq: 09 May 2022 15:28

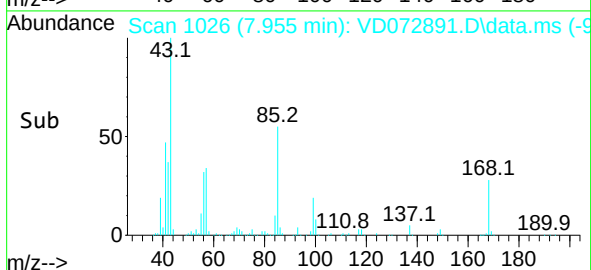
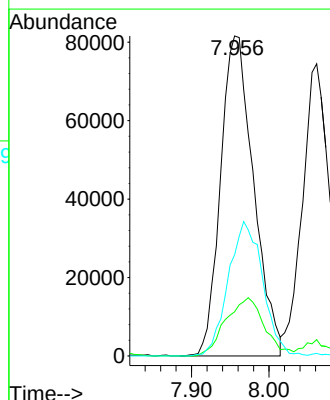
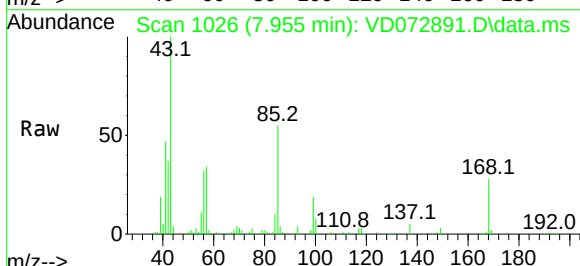
Tgt Ion: 56 Resp: 241897

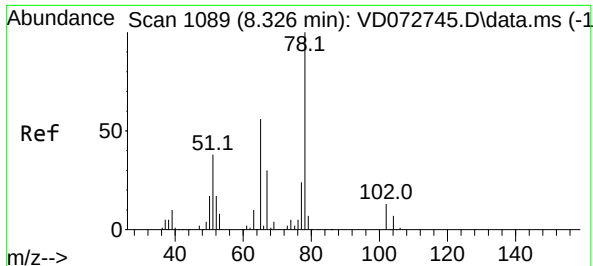
Ion Ratio Lower Upper

56 100

69 13.8 25.4 38.2#

84 31.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 42.439 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

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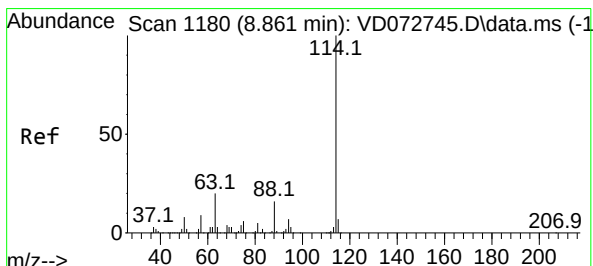
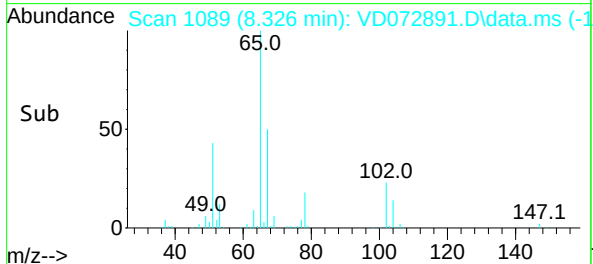
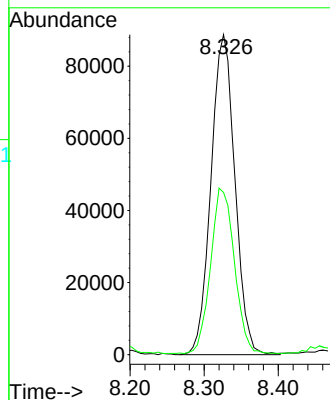
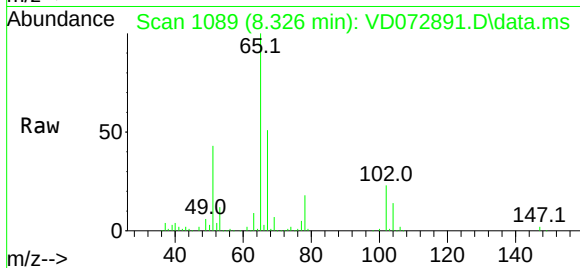
TRE-1254

Tgt Ion: 65 Resp: 199108

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072891.D

Acq: 09 May 2022 15:28

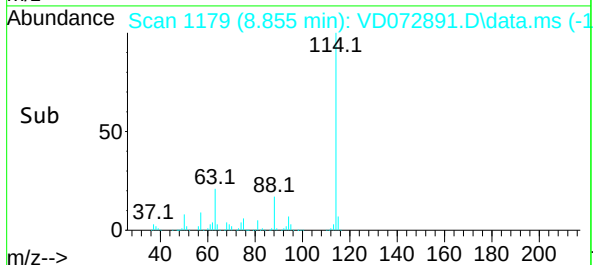
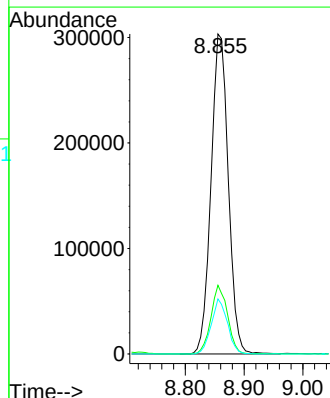
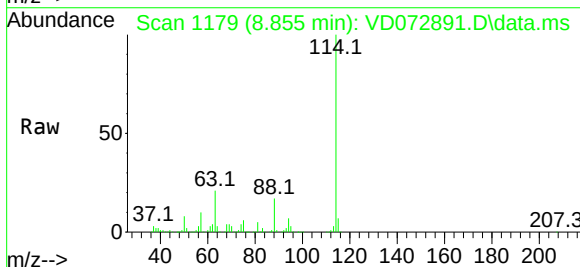
Tgt Ion: 114 Resp: 618826

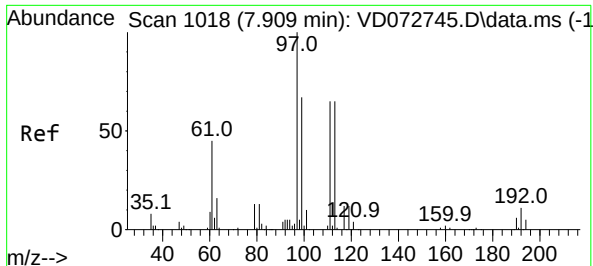
Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 45.407 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

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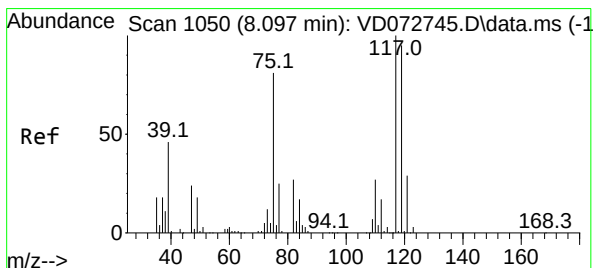
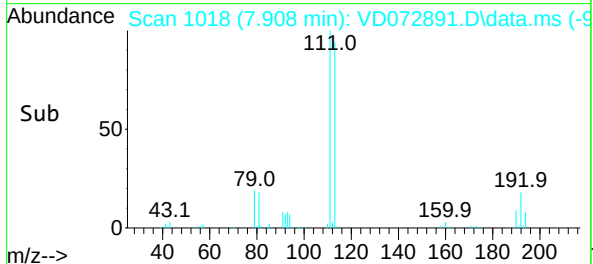
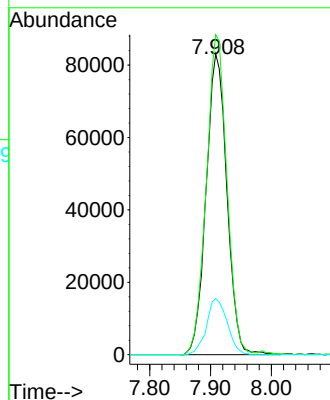
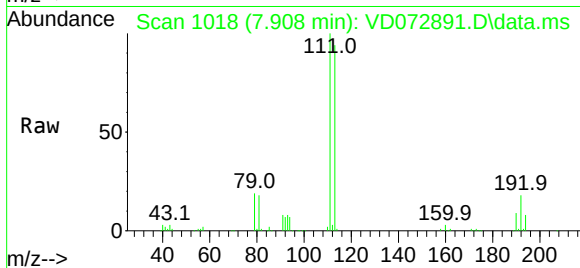
Tgt Ion:113 Resp: 197344

Ion Ratio Lower Upper

113 100

111 105.3 83.8 125.6

192 18.6 14.6 21.8



#38

Carbon Tetrachloride

Concen: 4.980 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072891.D

Acq: 09 May 2022 15:28

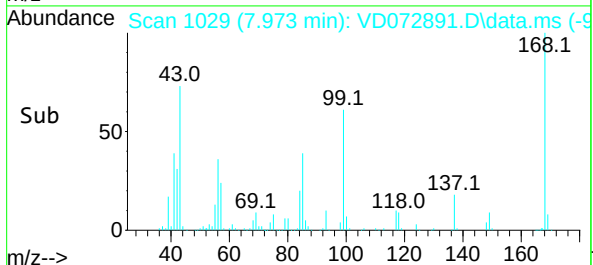
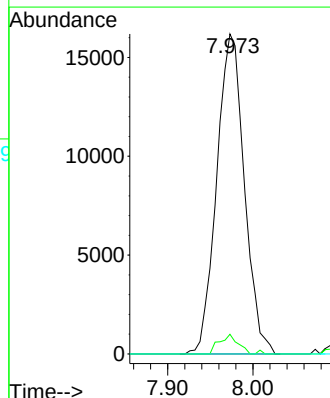
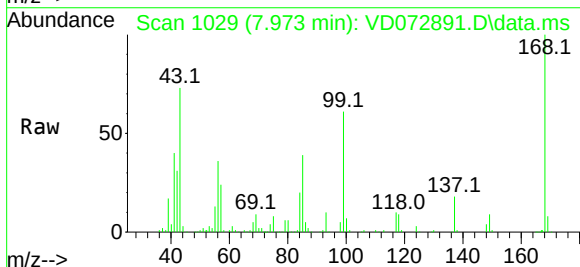
Tgt Ion:117 Resp: 36531

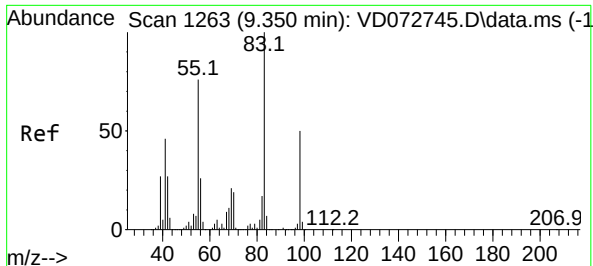
Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.6#

121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 78.756 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072891.D

Acq: 09 May 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

TRE-1254

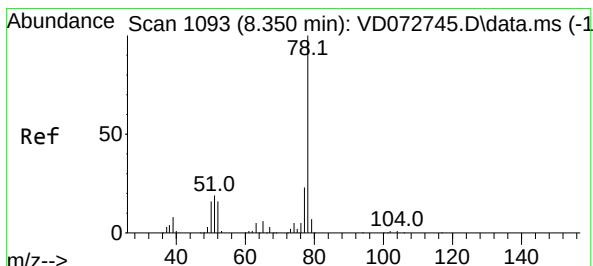
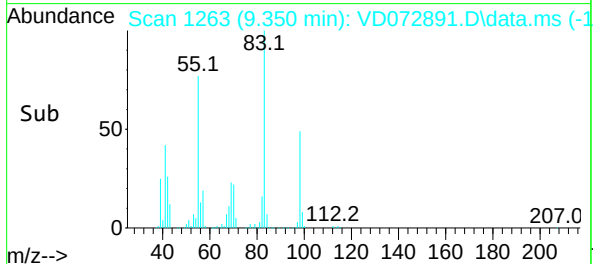
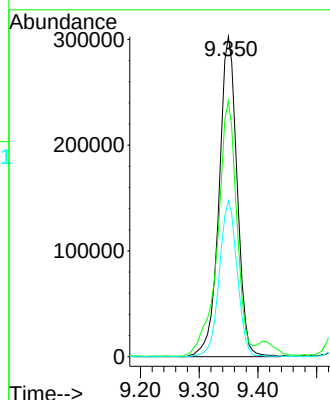
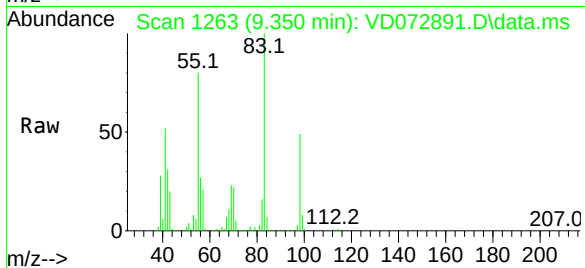
Tgt Ion: 83 Resp: 645563

Ion Ratio Lower Upper

83 100

55 79.7 63.2 94.8

98 48.8 38.2 57.4



#40

Benzene

Concen: 4.790 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD072891.D

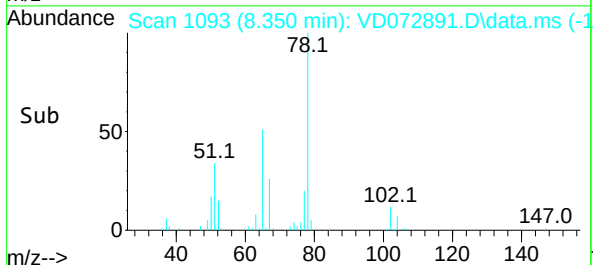
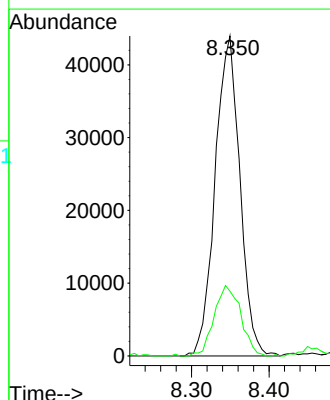
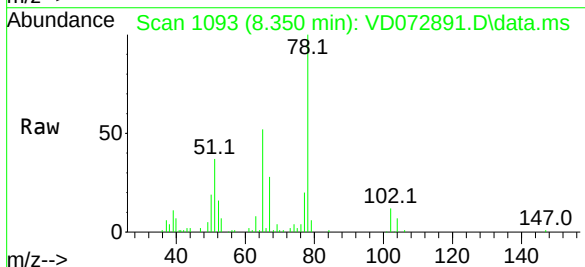
Acq: 09 May 2022 15:28

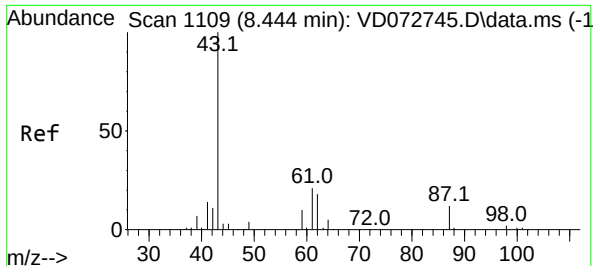
Tgt Ion: 78 Resp: 97750

Ion Ratio Lower Upper

78 100

77 20.2 19.1 28.7

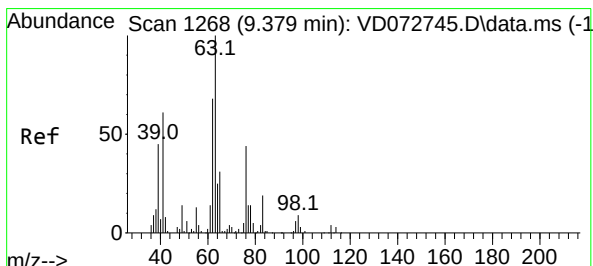
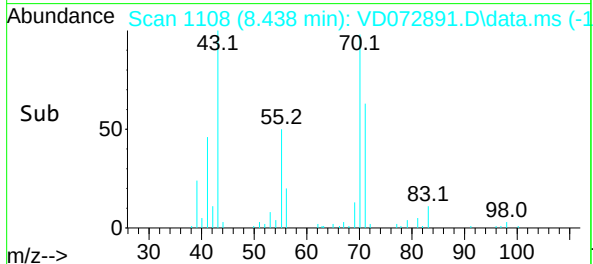
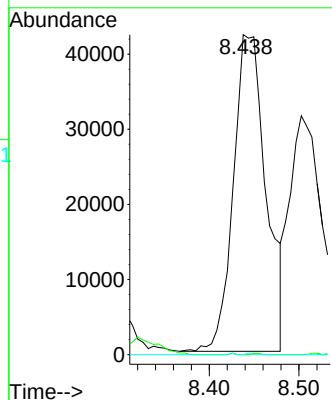
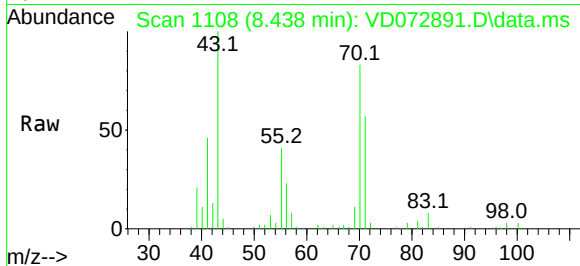




#43
Isopropyl Acetate
Concen: 17.799 ug/l
RT: 8.438 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

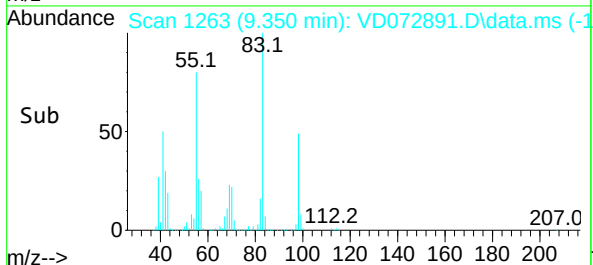
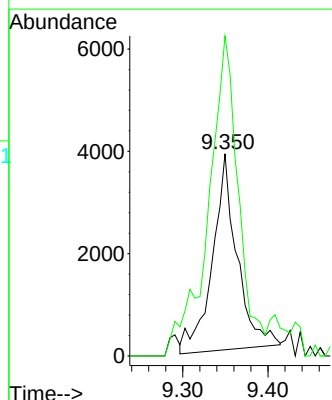
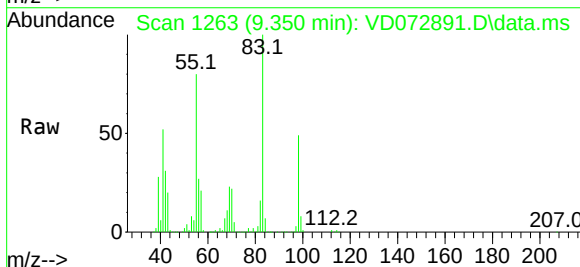
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

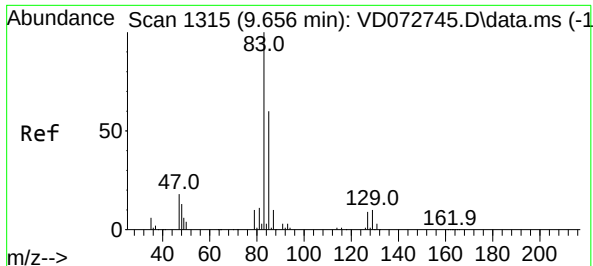
Tgt Ion: 43 Resp: 106724
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.1 8.7 13.1#



#45
1,2-Dichloropropane
Concen: 1.434 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.029 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion: 63 Resp: 7685
Ion Ratio Lower Upper
63 100
65 152.9 26.2 39.4#

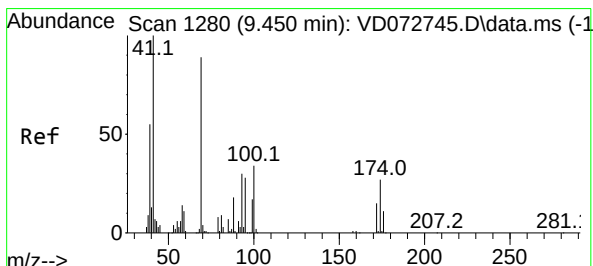
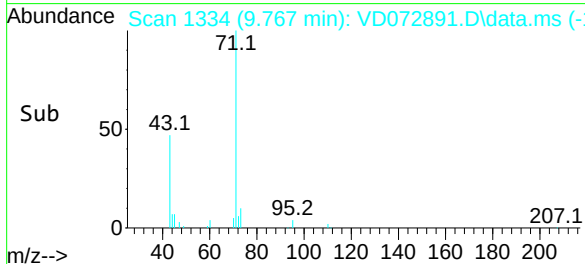
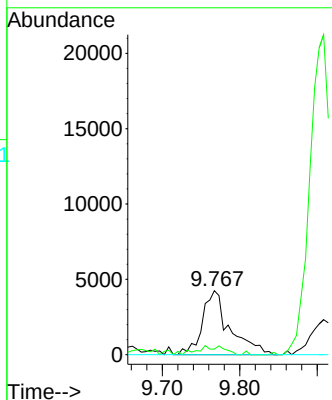
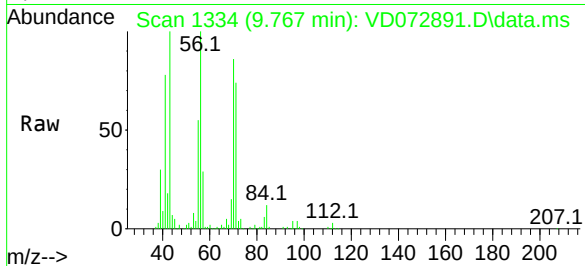




#47
Bromodichloromethane
Concen: 1.366 ug/l
RT: 9.767 min Scan# 11
Delta R.T. 0.111 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

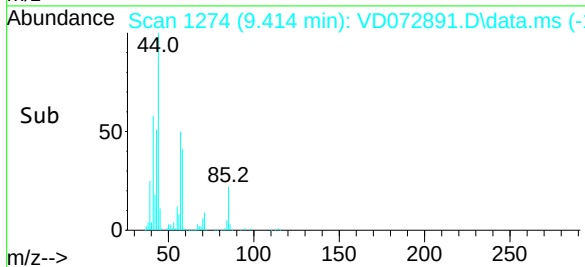
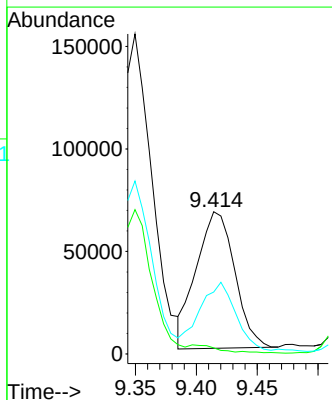
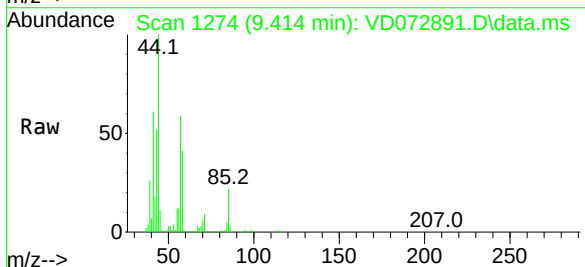
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

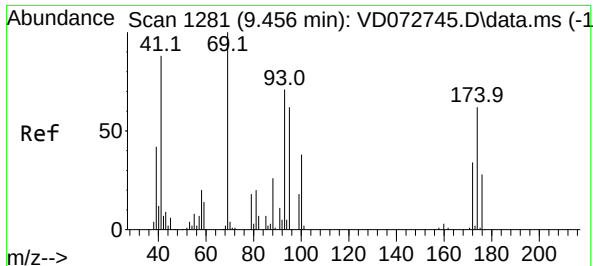
Tgt Ion: 83 Resp: 10386
Ion Ratio Lower Upper
83 100
85 8.7 51.4 77.0#
127 0.0 6.1 9.1#



#48
Methyl methacrylate
Concen: 49.961 ug/l
RT: 9.414 min Scan# 1274
Delta R.T. -0.036 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion: 41 Resp: 146553
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 47.3 42.7 64.1





#49

1,4-Dioxane

Concen: 307.434 ug/l

RT: 9.450 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD072891.D

Acq: 09 May 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

TRE-1254

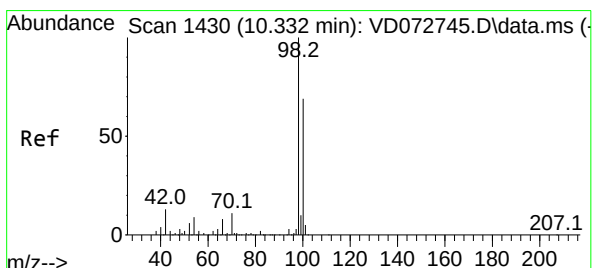
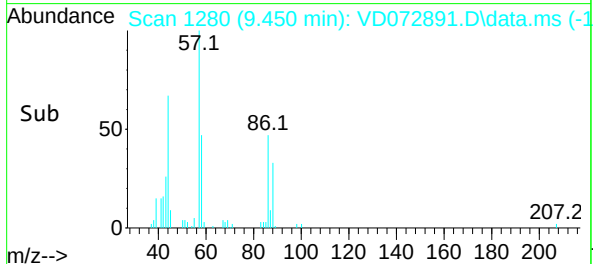
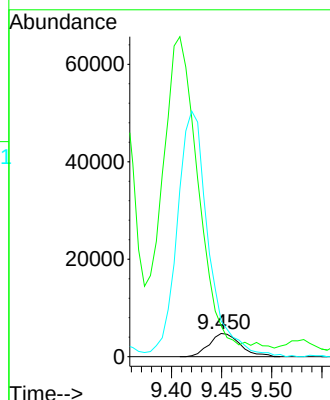
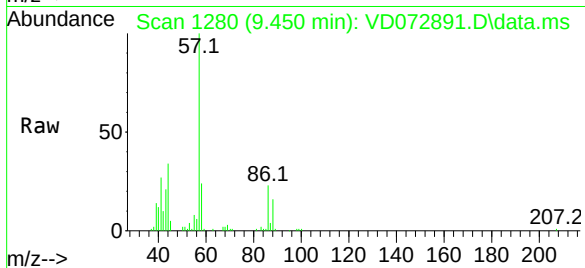
Tgt Ion: 88 Resp: 10235

Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.4#

58 0.0 58.1 87.1#



#50

Toluene-d8

Concen: 48.778 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072891.D

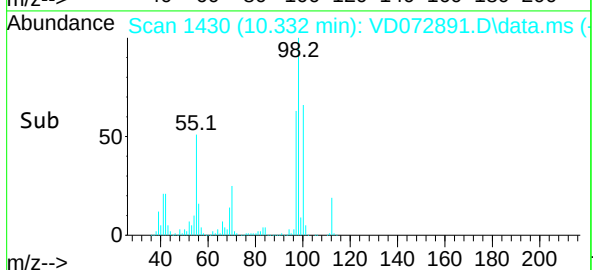
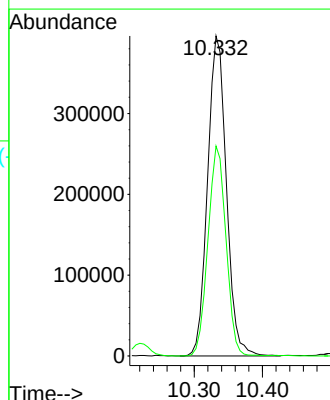
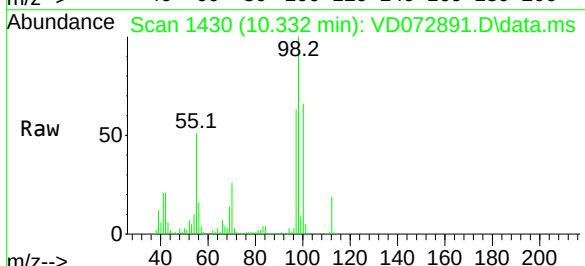
Acq: 09 May 2022 15:28

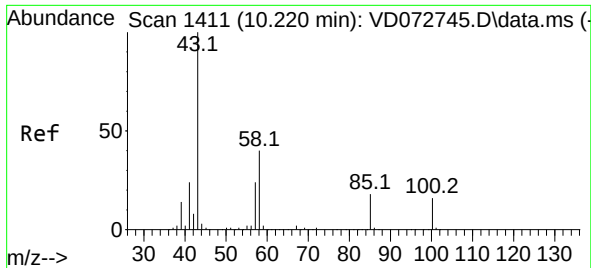
Tgt Ion: 98 Resp: 760447

Ion Ratio Lower Upper

98 100

100 62.8 52.4 78.6

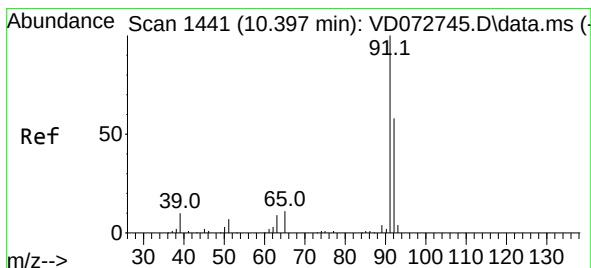
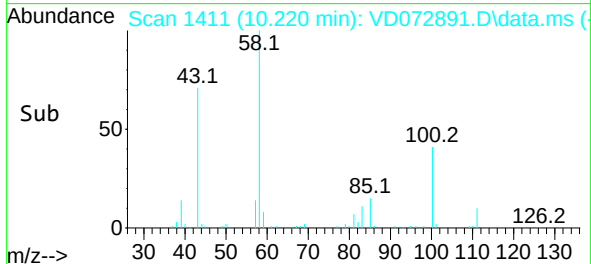
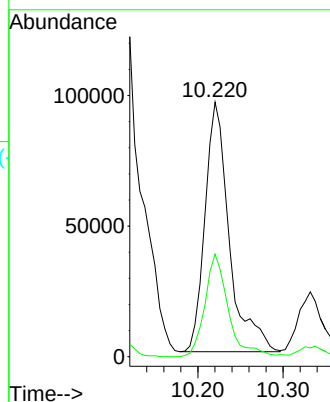
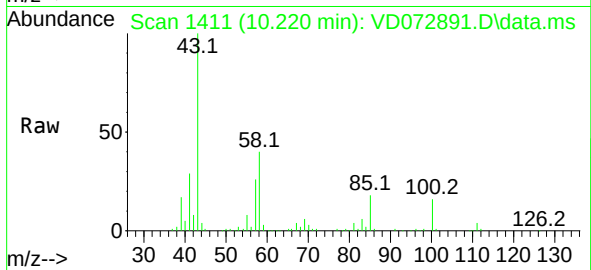




#51
4-Methyl-2-Pentanone
Concen: 60.978 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

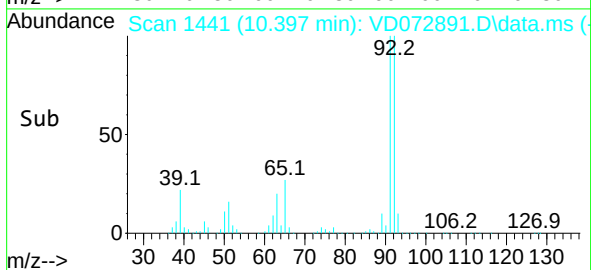
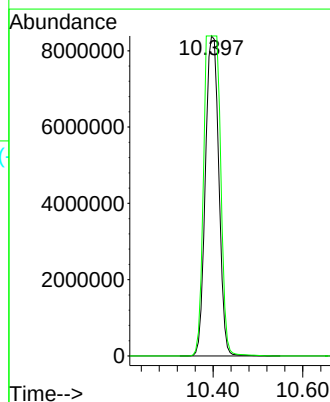
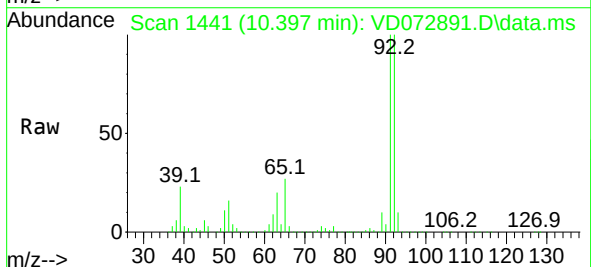
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

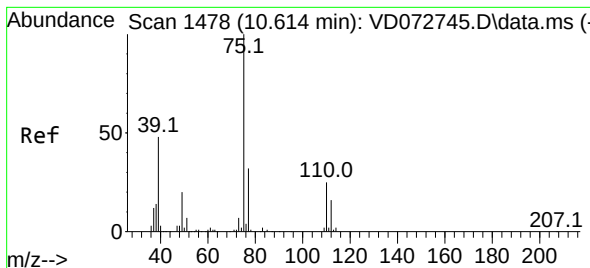
Tgt Ion: 43 Resp: 189994
Ion Ratio Lower Upper
43 100
58 39.4 28.6 43.0



#52
Toluene
Concen: 1362.440 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion: 92 Resp:17344439
Ion Ratio Lower Upper
92 100
91 0.0 139.6 209.4#

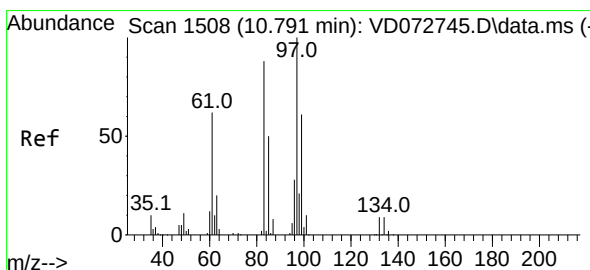
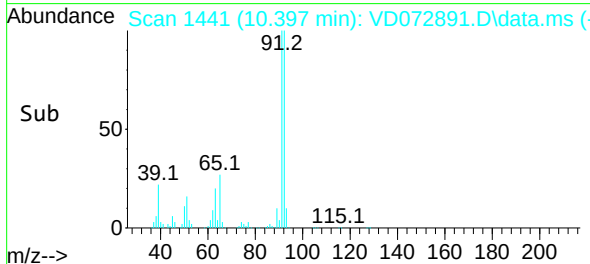
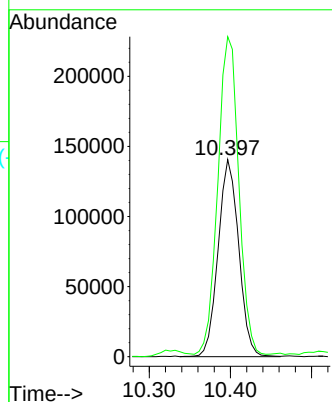
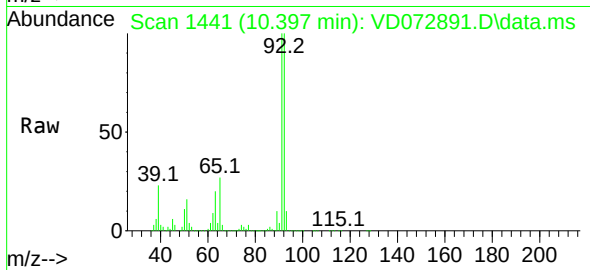




#53
t-1,3-Dichloropropene
Concen: 35.489 ug/l
RT: 10.397 min Scan# 1478
Delta R.T. -0.217 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

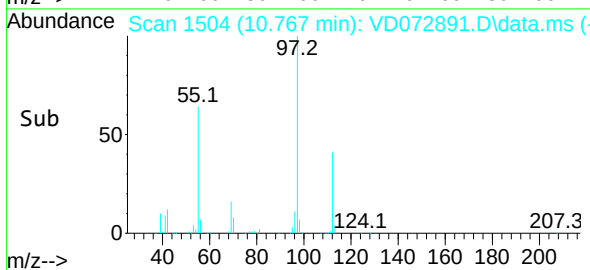
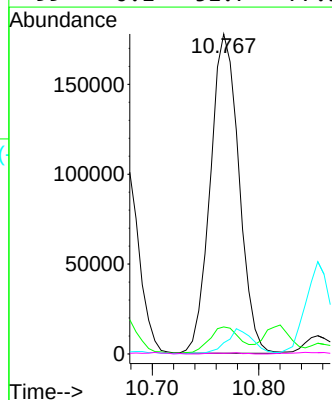
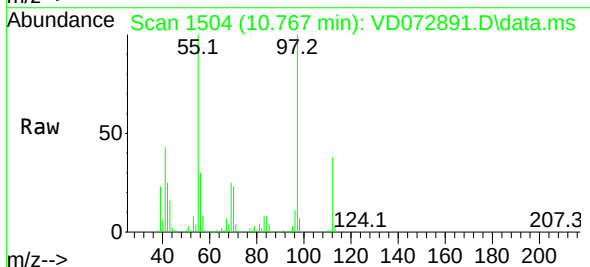
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

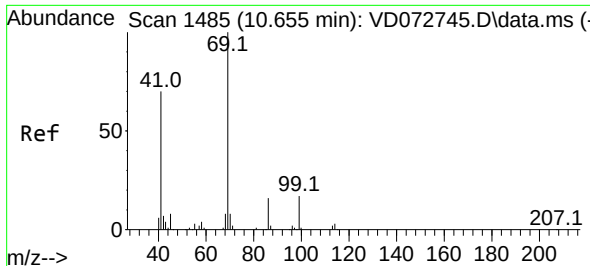
Tgt Ion: 75 Resp: 247918
Ion Ratio Lower Upper
75 100
77 160.6 24.5 36.7#



#55
1,1,2-Trichloroethane
Concen: 82.808 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.024 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion: 97 Resp: 330953
Ion Ratio Lower Upper
97 100
83 8.3 69.0 103.4#
85 3.4 42.6 63.8#
99 0.1 51.7 77.5#

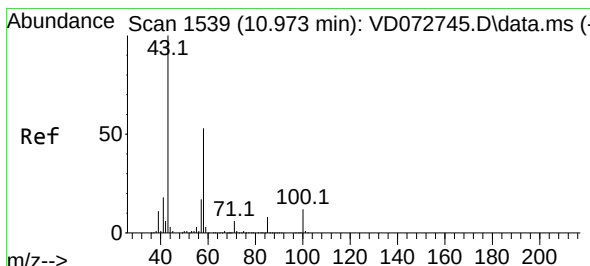
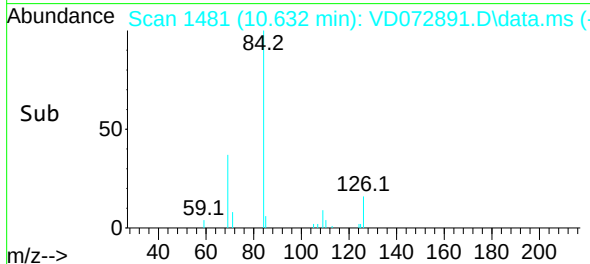
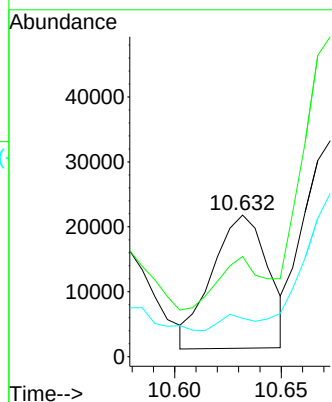
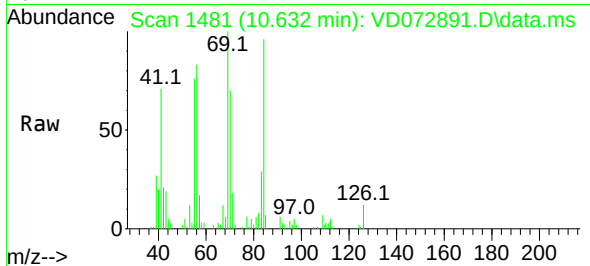




#56
Ethyl methacrylate
Concen: 7.968 ug/l
RT: 10.632 min Scan# 1481
Delta R.T. -0.023 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

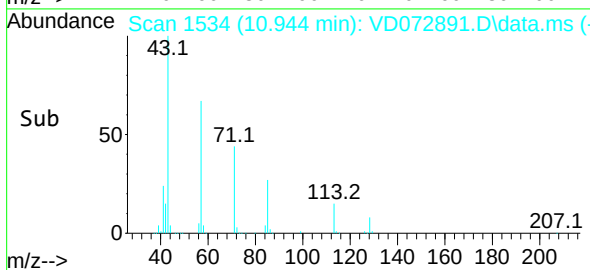
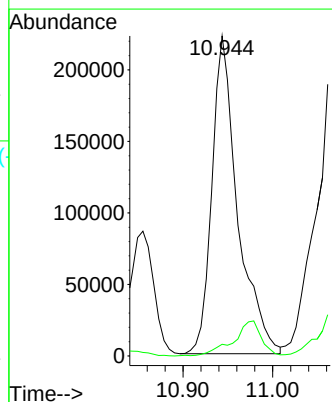
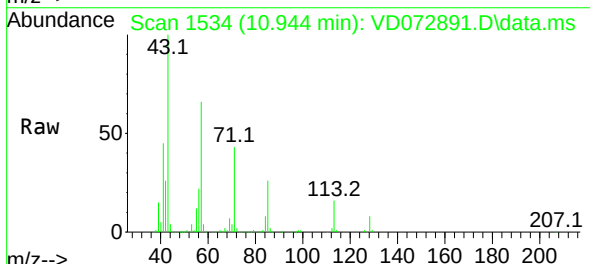
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

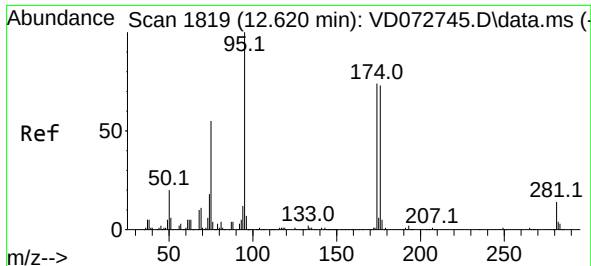
Tgt Ion: 69 Resp: 37493
Ion Ratio Lower Upper
69 100
41 0.0 63.0 94.6#
39 0.0 33.8 50.8#



#59
2-Hexanone
Concen: 211.458 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.029 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion: 43 Resp: 443334
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

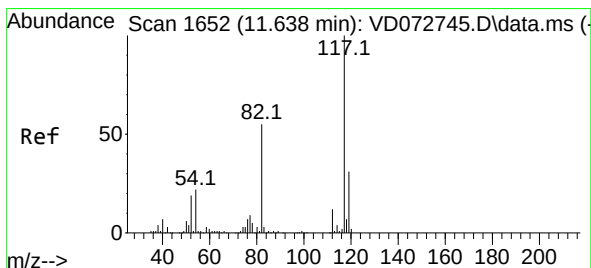
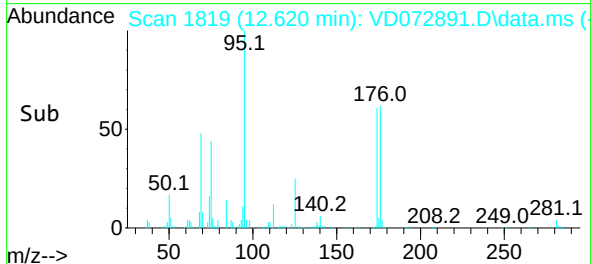
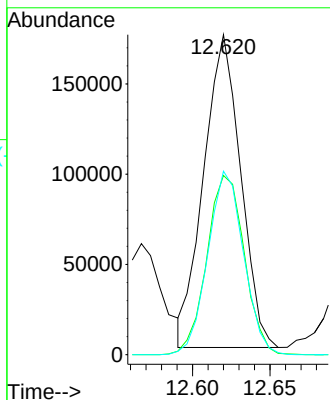
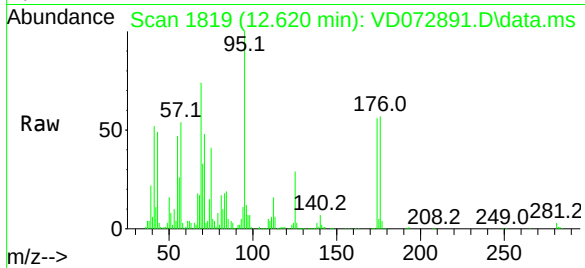




#62
4-Bromofluorobenzene
Concen: 49.337 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

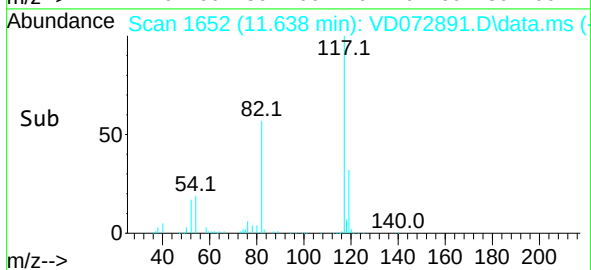
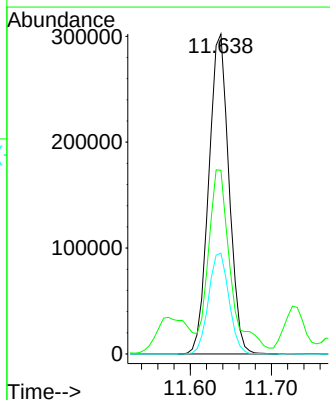
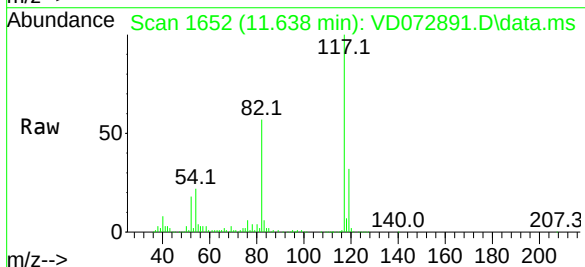
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

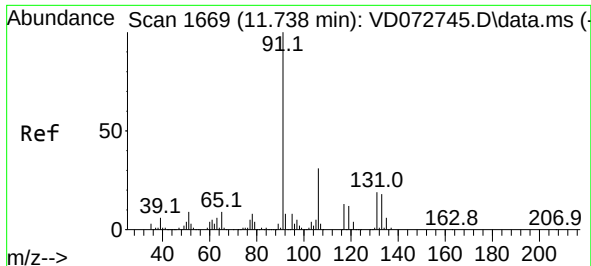
Tgt Ion: 95 Resp: 286799
Ion Ratio Lower Upper
95 100
174 58.3 0.0 152.8
176 56.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion: 117 Resp: 521810
Ion Ratio Lower Upper
117 100
82 53.2 45.3 67.9
119 31.5 26.6 40.0

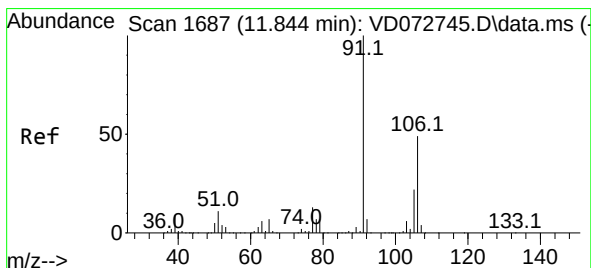
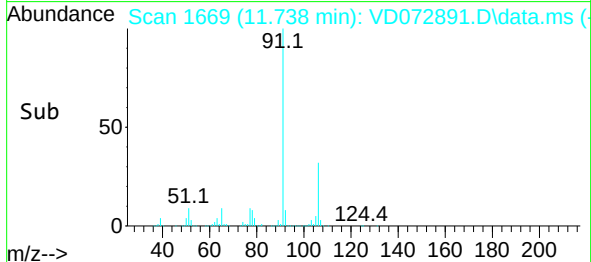
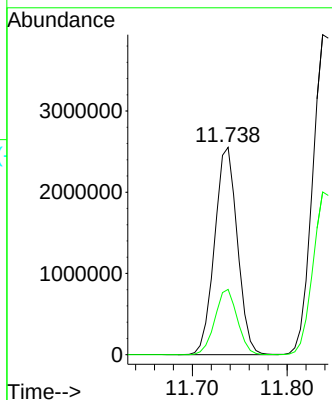
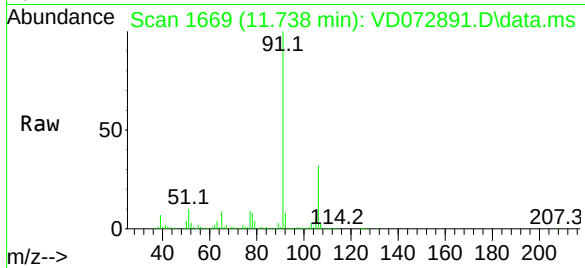




#67
Ethyl Benzene
Concen: 204.148 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

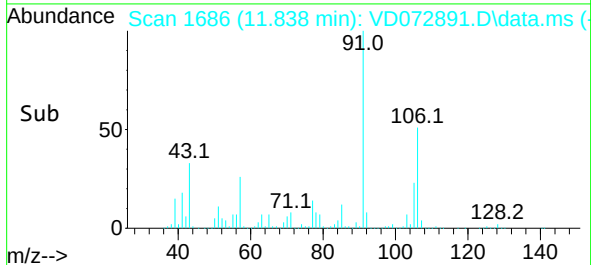
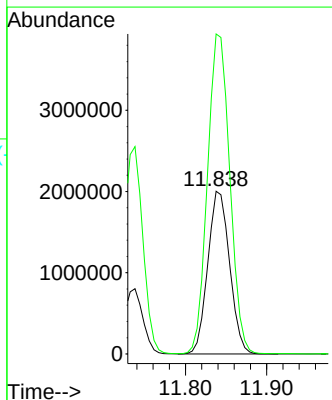
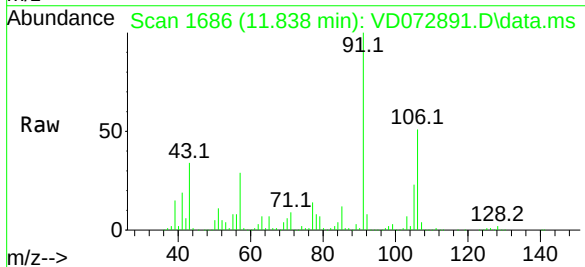
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

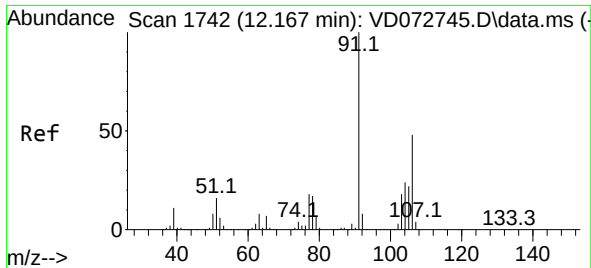
Tgt Ion: 91 Resp: 4264064
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4



#68
m/p-Xylenes
Concen: 464.164 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion: 106 Resp: 3734550
Ion Ratio Lower Upper
106 100
91 201.6 163.7 245.5

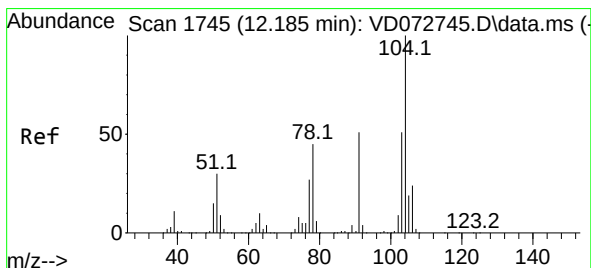
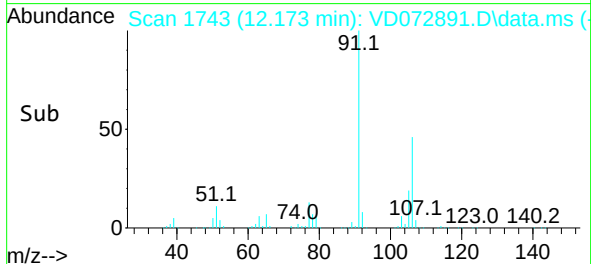
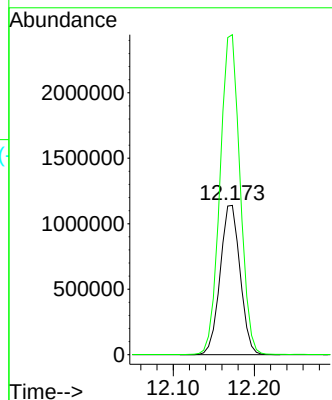
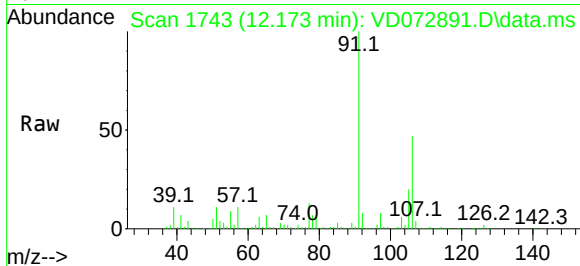




#69
o-Xylene
Concen: 259.208 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

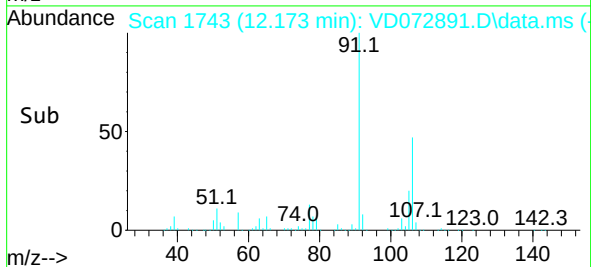
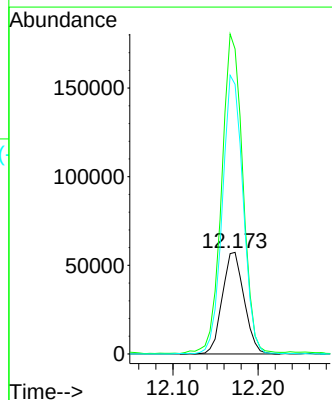
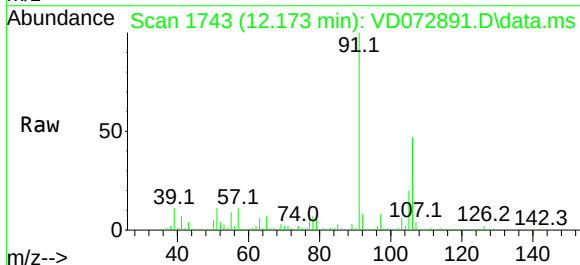
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

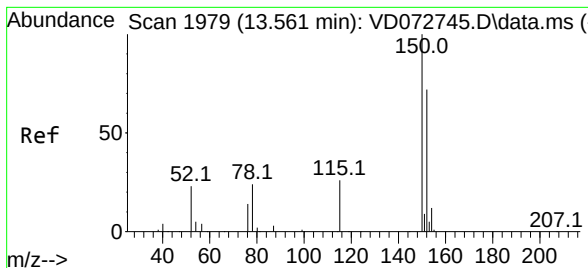
Tgt Ion:106 Resp: 1947748
Ion Ratio Lower Upper
106 100
91 215.0 110.4 331.2



#70
Styrene
Concen: 7.815 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.012 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion:104 Resp: 101740
Ion Ratio Lower Upper
104 100
78 304.6 41.8 62.8#
103 262.0 44.2 66.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1799

Delta R.T. 0.000 min

Lab File: VD072891.D

Acq: 09 May 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

TRE-1254

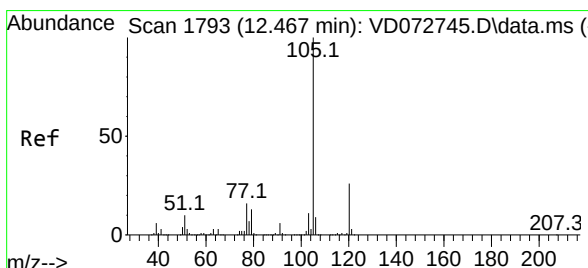
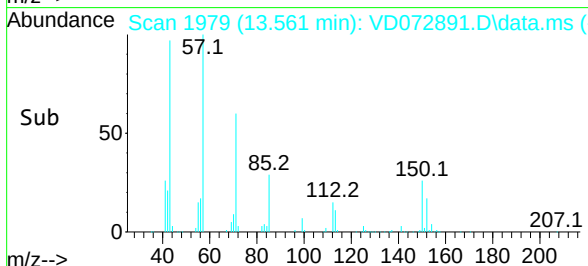
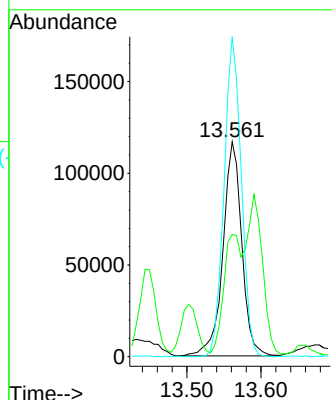
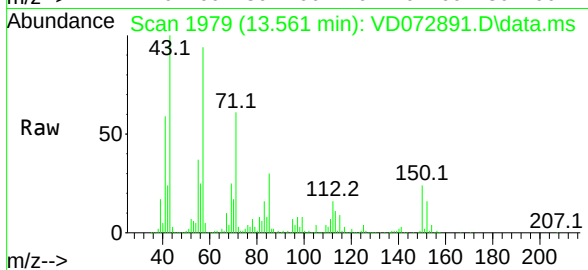
Tgt Ion:152 Resp: 206294

Ion Ratio Lower Upper

152 100

115 51.3 31.3 93.8

150 136.5 0.0 348.6



#73

Isopropylbenzene

Concen: 45.528 ug/l

RT: 12.467 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD072891.D

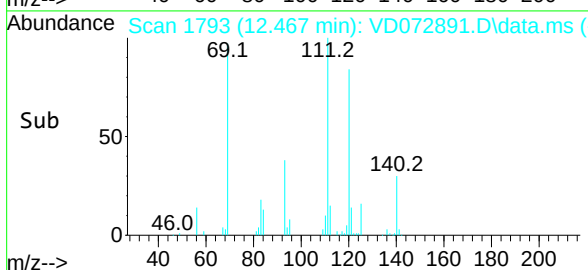
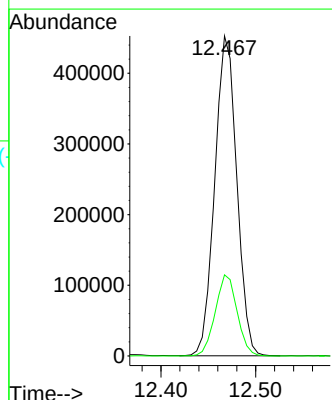
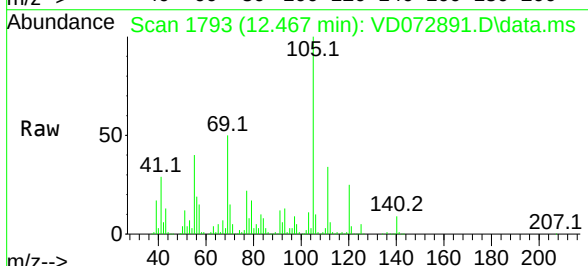
Acq: 09 May 2022 15:28

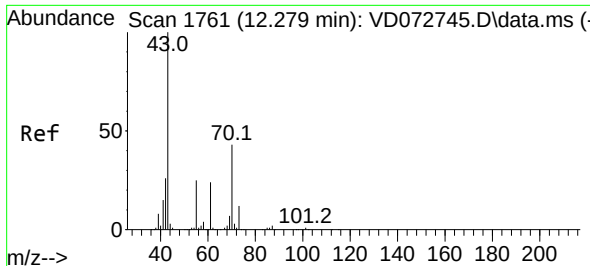
Tgt Ion:105 Resp: 730741

Ion Ratio Lower Upper

105 100

120 25.2 13.0 38.9

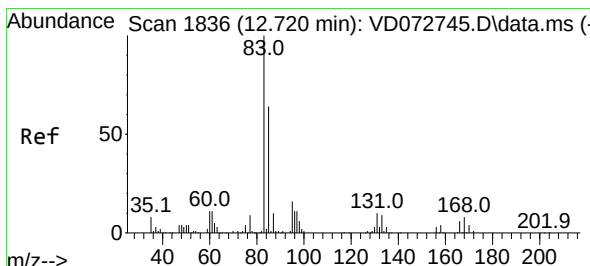
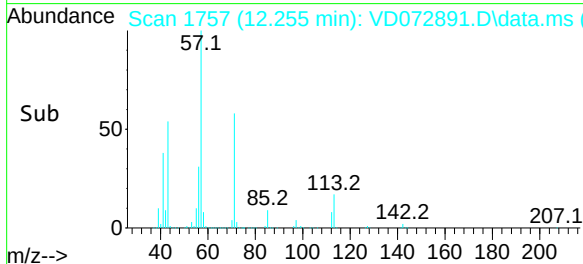
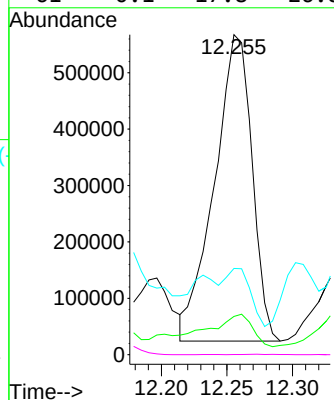
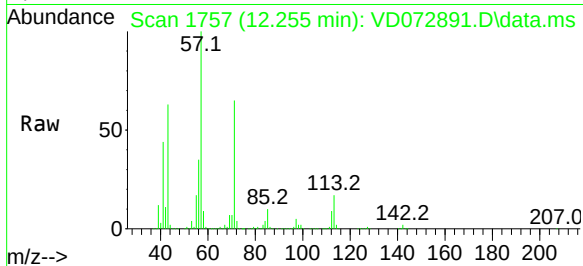




#74
N-amy1 acetate
Concen: 271.714 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.024 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

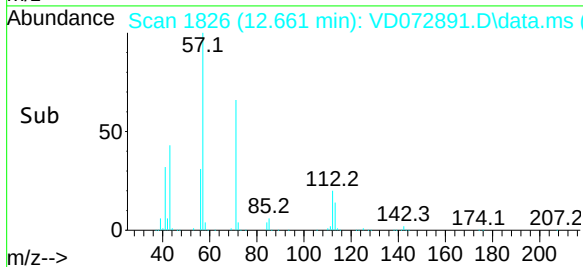
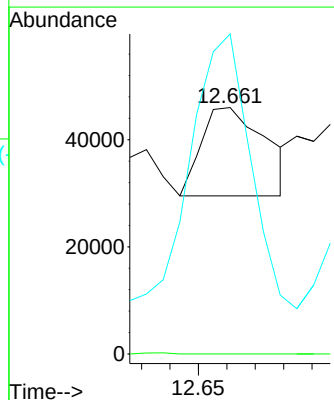
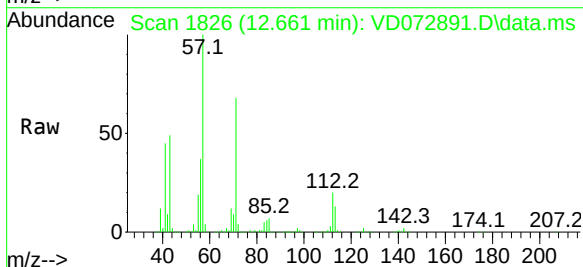
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

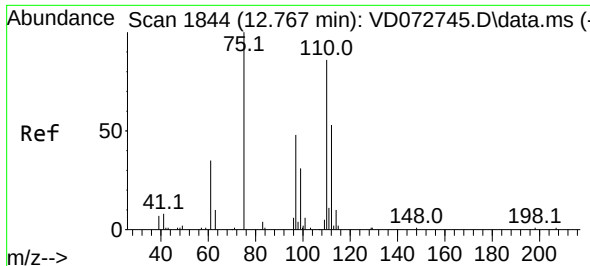
Tgt Ion: 43 Resp: 1086043
Ion Ratio Lower Upper
43 100
70 12.1 31.3 46.9#
55 0.0 20.0 30.0#
61 0.1 17.8 26.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 7.967 ug/l
RT: 12.661 min Scan# 1826
Delta R.T. -0.059 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion: 83 Resp: 25813
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 293.4 32.6 98.0#

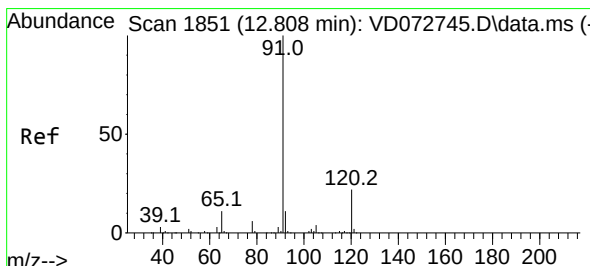
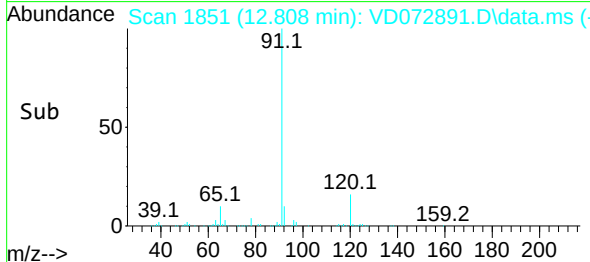
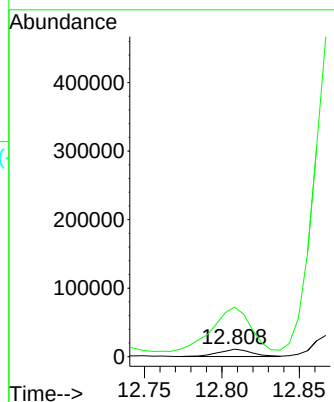
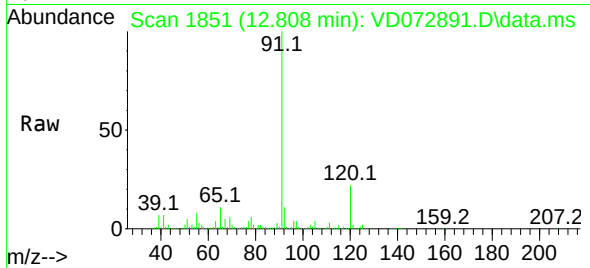




#76
1,2,3-Trichloropropane
Concen: 6.876 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.041 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

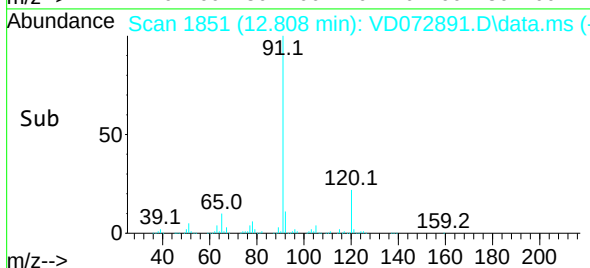
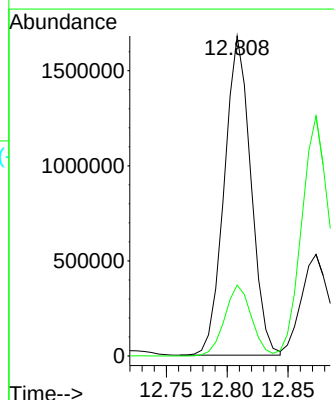
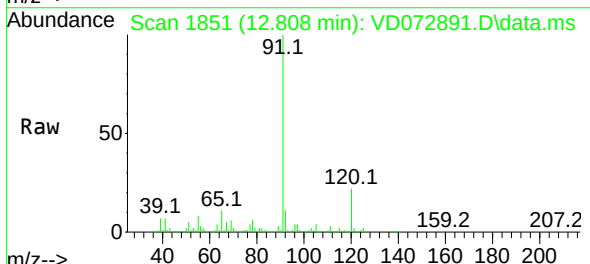
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

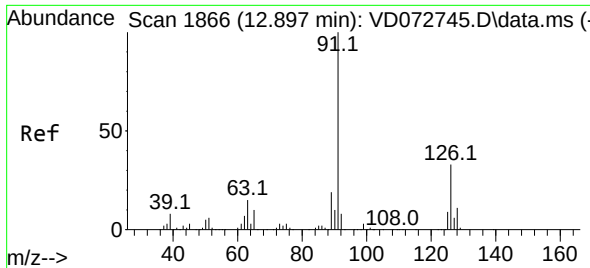
Tgt Ion: 75 Resp: 15817
Ion Ratio Lower Upper
75 100
77 704.0 0.0 0.0#



#78
n-propylbenzene
Concen: 126.144 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion: 91 Resp: 2551736
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9

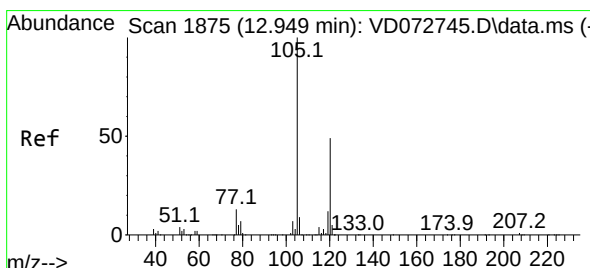
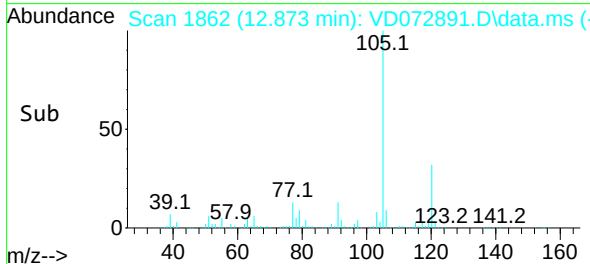
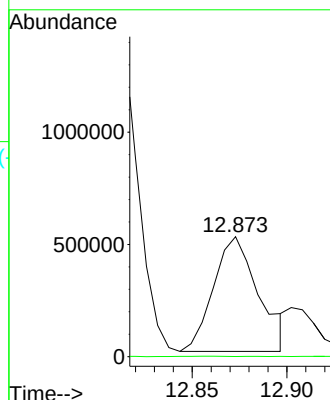
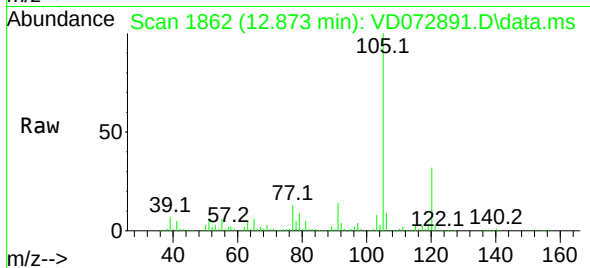




#79
2-Chlorotoluene
Concen: 71.625 ug/l
RT: 12.873 min Scan# 1862
Delta R.T. -0.024 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

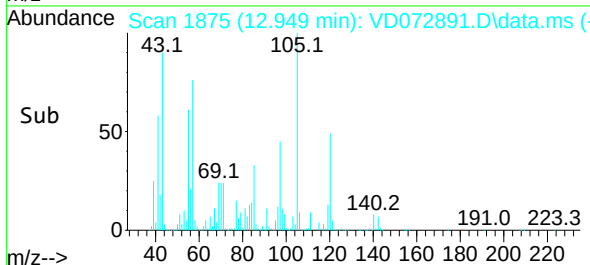
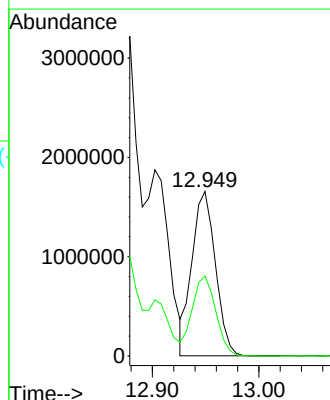
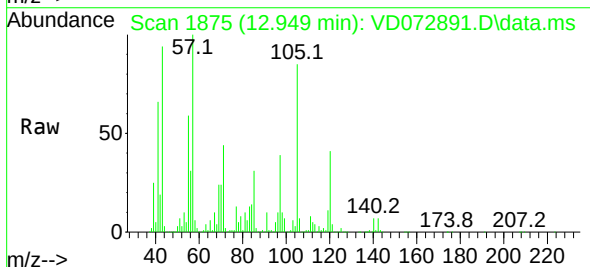
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

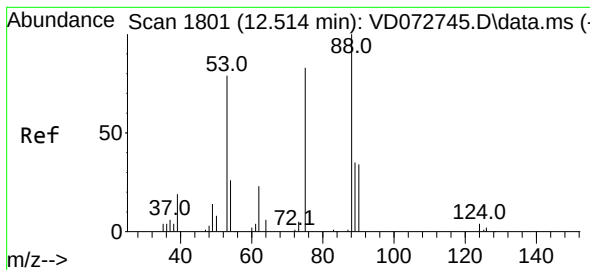
Tgt Ion: 91 Resp: 846370
Ion Ratio Lower Upper
91 100
126 0.3 16.2 48.6#



#80
1,3,5-Trimethylbenzene
Concen: 186.528 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion:105 Resp: 2538565
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

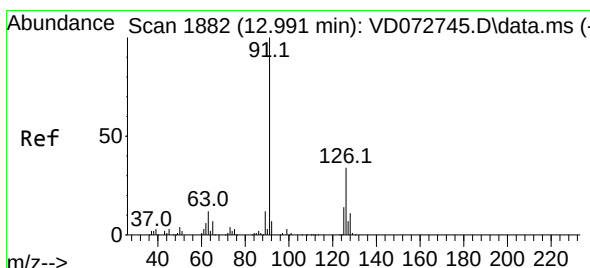
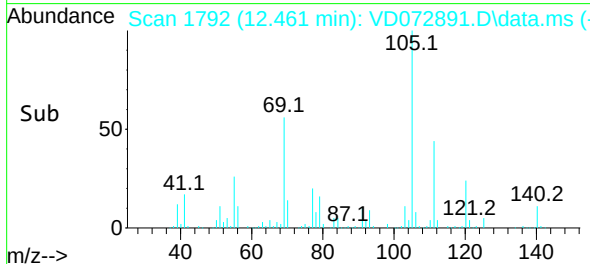
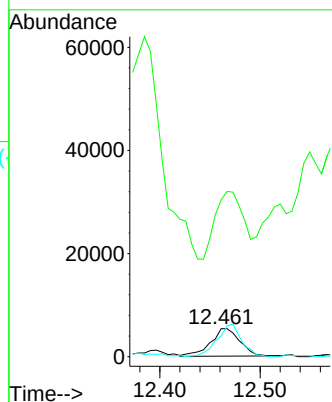
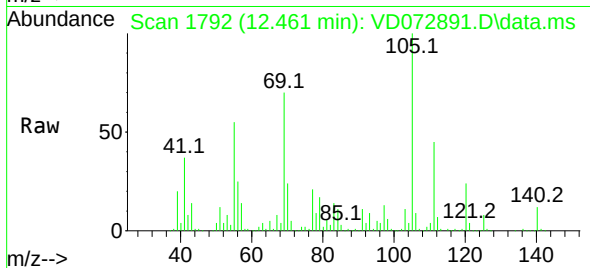




#81
trans-1,4-Dichloro-2-butene
Concen: 10.833 ug/l
RT: 12.461 min Scan# 11
Delta R.T. -0.053 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

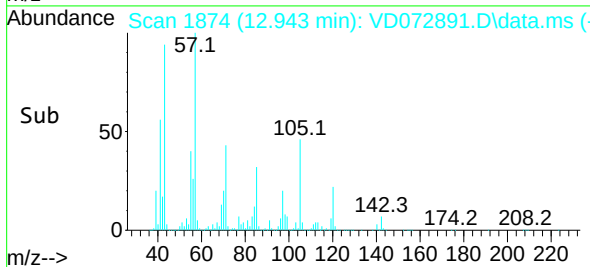
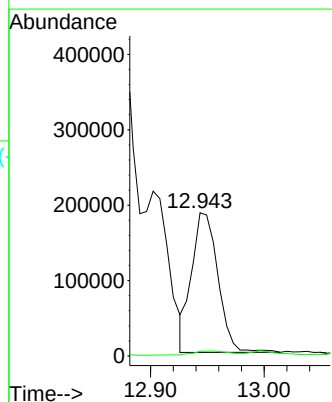
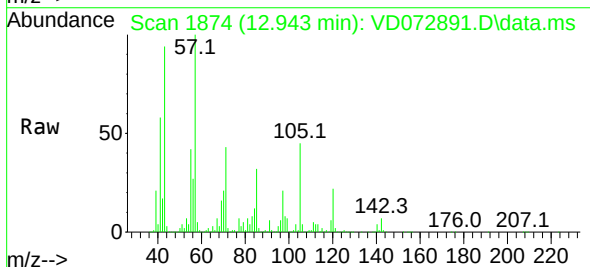
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

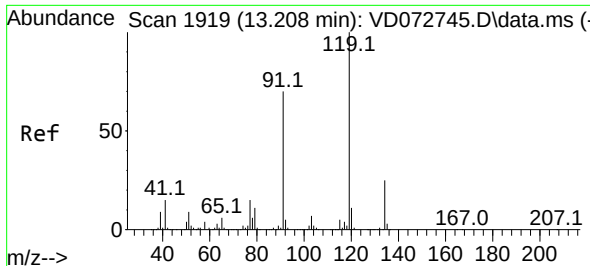
Tgt Ion: 75 Resp: 10836
Ion Ratio Lower Upper
75 100
53 233.1 86.5 129.7#
89 98.2 33.9 50.9#



#82
4-Chlorotoluene
Concen: 24.242 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.048 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion: 91 Resp: 299301
Ion Ratio Lower Upper
91 100
126 4.5 16.5 49.5#

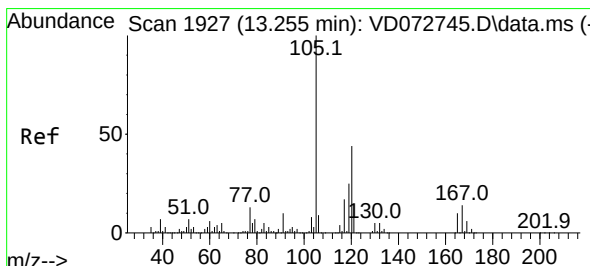
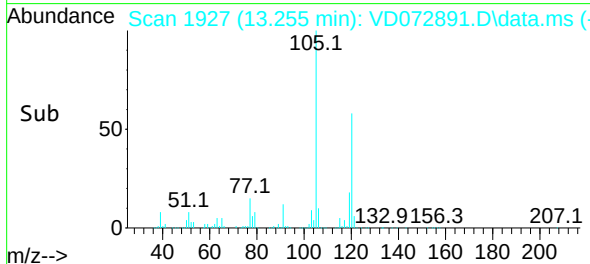
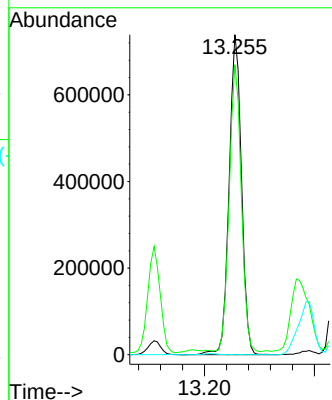
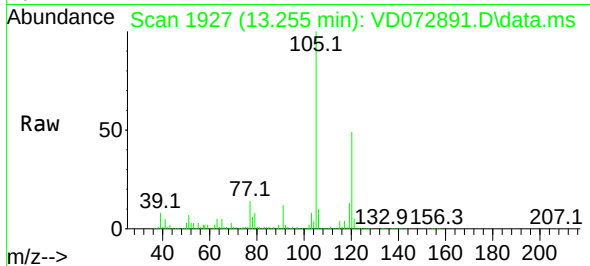




#83
tert-Butylbenzene
Concen: 99.874 ug/l
RT: 13.255 min Scan# 1919
Delta R.T. 0.047 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

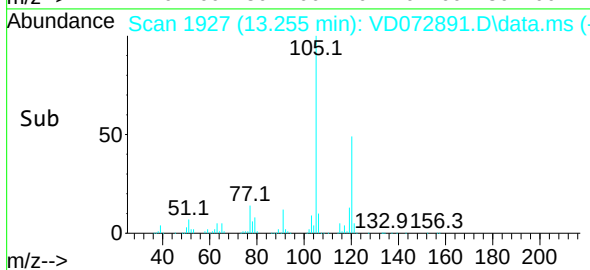
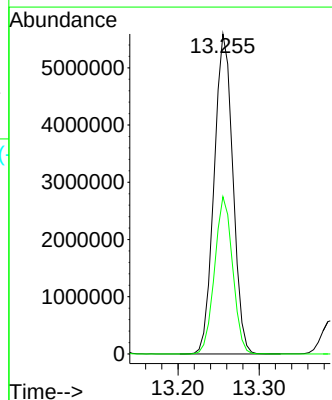
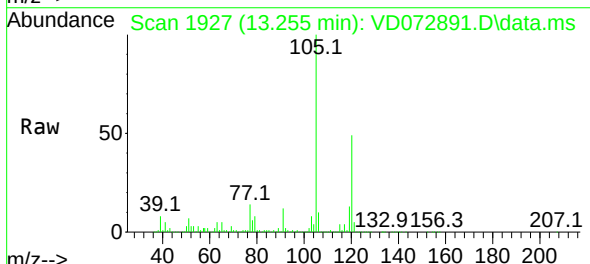
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

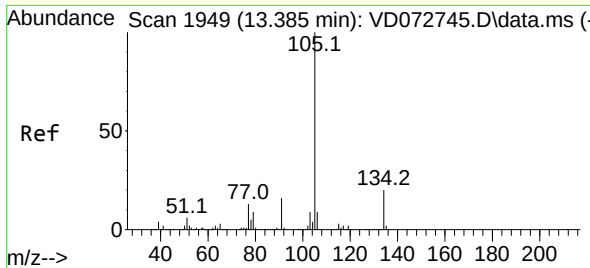
Tgt Ion:119 Resp: 1155589
Ion Ratio Lower Upper
119 100
91 87.2 34.8 104.5
134 0.0 13.3 39.9#



#84
1,2,4-Trimethylbenzene
Concen: 659.126 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

Tgt Ion:105 Resp: 8966481
Ion Ratio Lower Upper
105 100
120 47.3 22.3 66.8

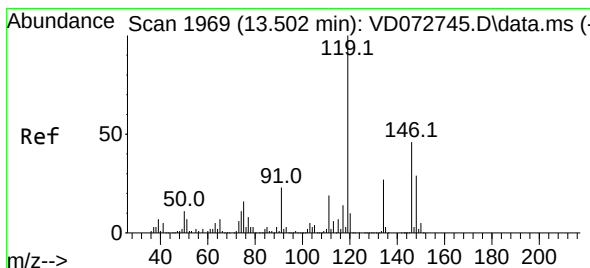
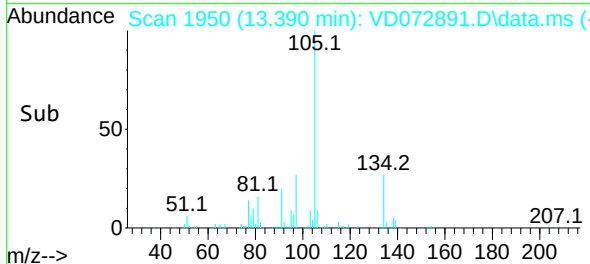
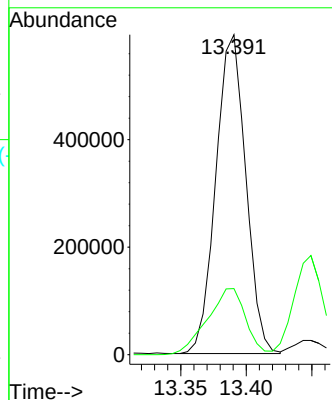
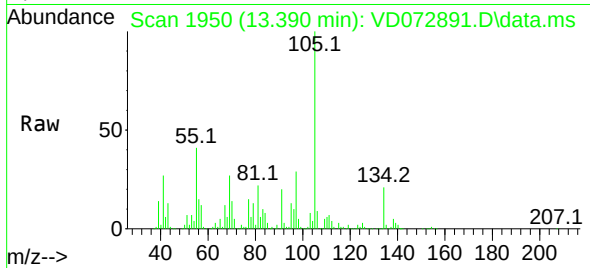




#85
 sec-Butylbenzene
 Concen: 54.009 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.005 min
 Lab File: VD072891.D
 Acq: 09 May 2022 15:28

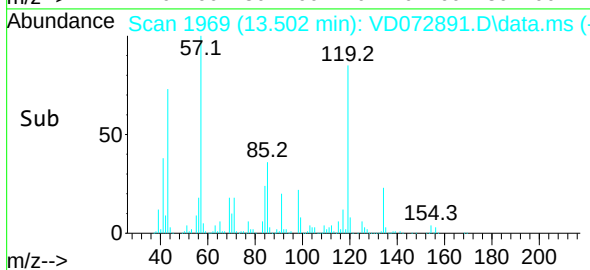
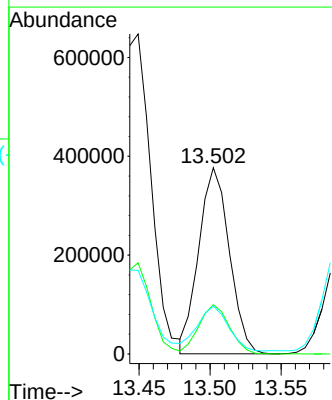
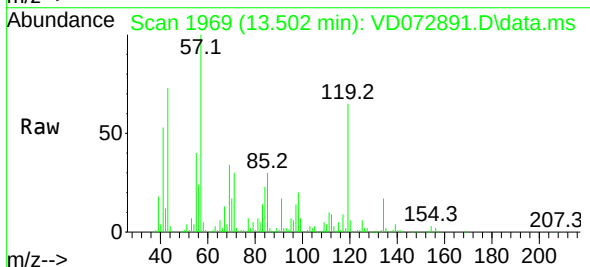
Instrument :
 MSVOA_D
 ClientSampleId :
 TRE-1254

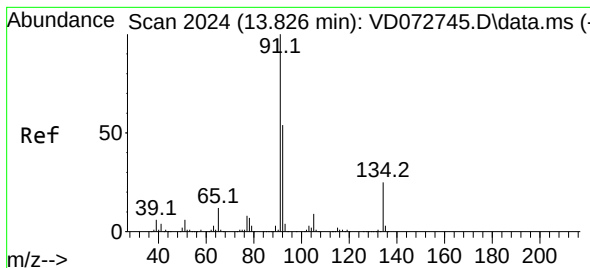
Tgt Ion:105 Resp: 942509
 Ion Ratio Lower Upper
 105 100
 134 26.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 39.429 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072891.D
 Acq: 09 May 2022 15:28

Tgt Ion:119 Resp: 564146
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.6
 91 24.1 12.1 36.3





#89

n-Butylbenzene

Concen: 120.306 ug/l

RT: 13.826 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD072891.D

Acq: 09 May 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

TRE-1254

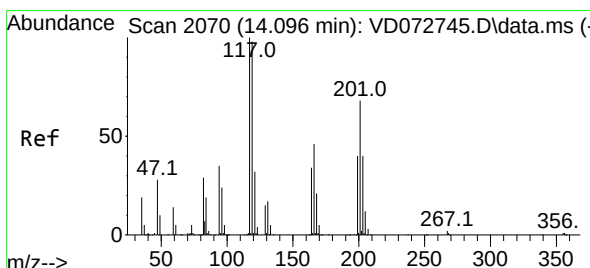
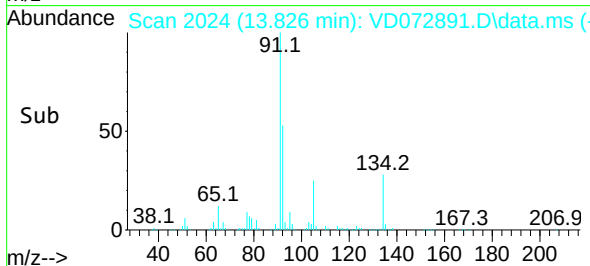
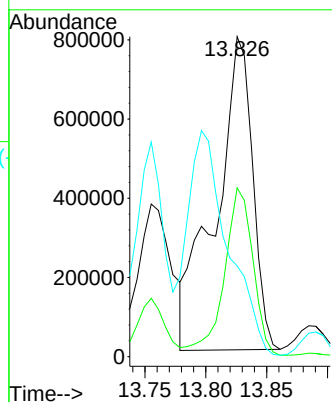
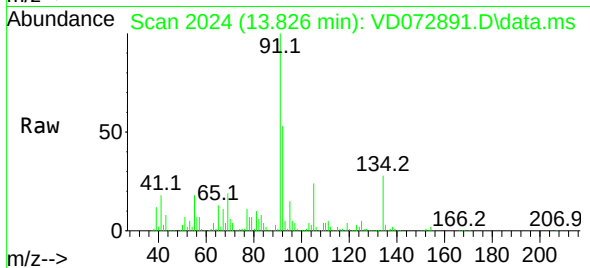
Tgt Ion: 91 Resp: 1667472

Ion Ratio Lower Upper

91 100

92 41.3 26.6 79.8

134 0.0 12.3 36.9#



#90

Hexachloroethane

Concen: 64.975 ug/l

RT: 14.102 min Scan# 2071

Delta R.T. 0.006 min

Lab File: VD072891.D

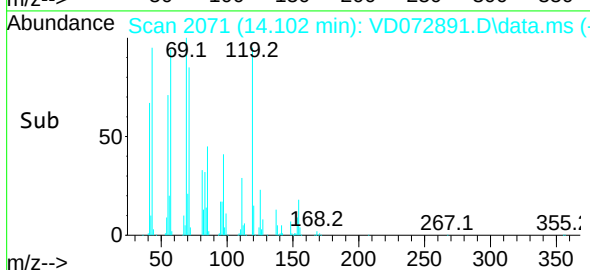
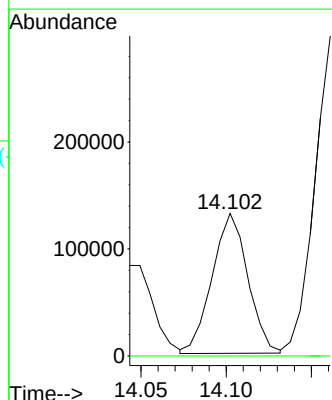
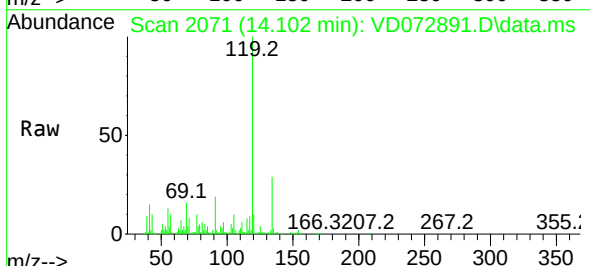
Acq: 09 May 2022 15:28

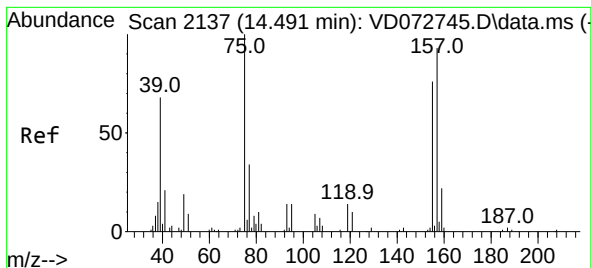
Tgt Ion:117 Resp: 190448

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.2#

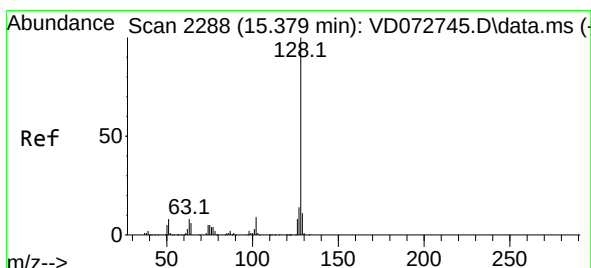
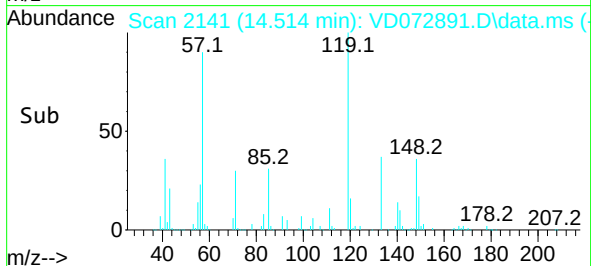
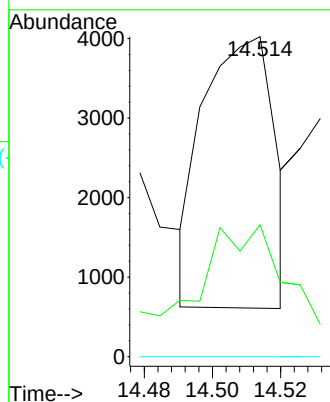
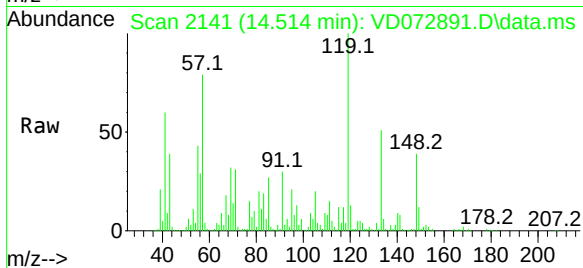




#92
1,2-Dibromo-3-Chloropropane
Concen: 9.607 ug/l
RT: 14.514 min Scan# 2137
Delta R.T. 0.023 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

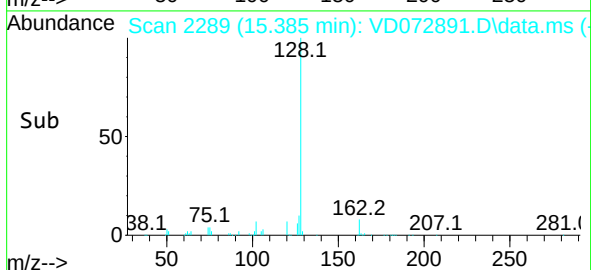
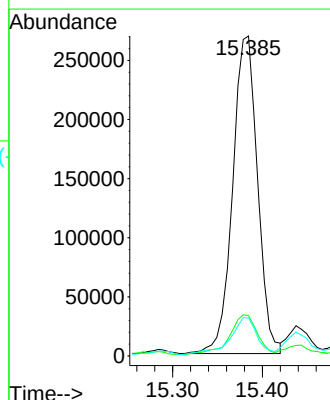
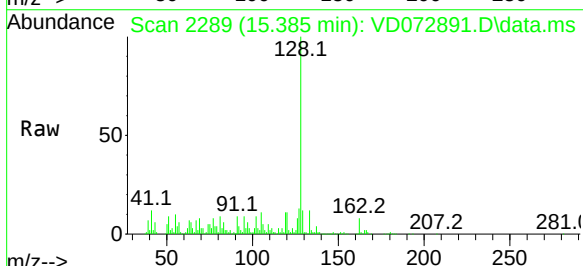
Instrument :
MSVOA_D
ClientSampleId :
TRE-1254

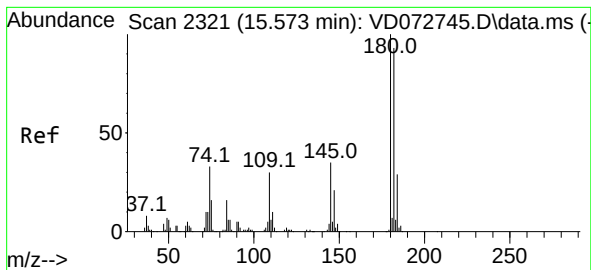
Tgt Ion: 75 Resp: 4934
Ion Ratio Lower Upper
75 100
155 46.7 36.8 110.3
157 0.0 48.4 145.0#



#95
Naphthalene
Concen: 71.061 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VD072891.D
Acq: 09 May 2022 15:28

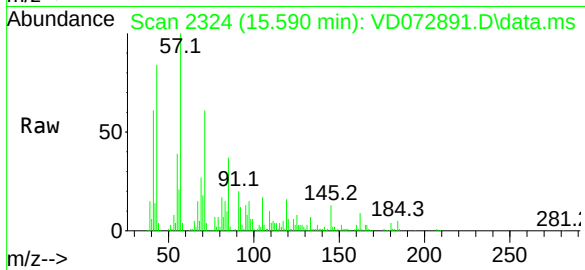
Tgt Ion:128 Resp: 517757
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 12.9 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.007 ug/l
 RT: 15.590 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: VD072891.D
 Acq: 09 May 2022 15:28

Instrument :
 MSVOA_D
 ClientSampleId :
 TRE-1254



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.6	142.9#
145	679.9	17.1	51.3#

