

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
 Data File : VD072881.D
 Acq On : 07 May 2022 06:46
 Operator : VA/SY
 Sample : N2717-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRE-1284

Quant Time: May 09 01:21:39 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	433624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	740068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	660752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	239036	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	238382	42.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.700%
35) Dibromofluoromethane	7.908	113	234374	45.093	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.180%
50) Toluene-d8	10.332	98	889848	47.728	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.460%
62) 4-Bromofluorobenzene	12.620	95	315642	45.404	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.800%

Target Compounds				Qvalue		
5) Bromomethane	2.767	94	1393	Below Cal	#	66
11) Tert butyl alcohol	5.220	59	237704	488.092	ug/l	98
13) Acrolein	3.932	56	1304	Below Cal	#	14
14) Allyl chloride	4.644	41	17687	2.095	ug/l	# 39
17) Carbon Disulfide	4.414	76	25884	1.574	ug/l	99
18) Methyl Acetate	4.714	43	42423	13.672	ug/l	# 90
19) Methyl tert-butyl Ether	5.479	73	48305	3.854	ug/l	# 1
20) Methylene Chloride	4.961	84	38350	Below Cal		92
25) 2-Butanone	7.208	43	220548	134.477	ug/l	95
29) Tetrahydrofuran	7.561	42	4358	4.169	ug/l	# 68
31) Cyclohexane	7.955	56	1071451	108.892	ug/l	# 51
36) 1,1-Dichloropropene	7.973	75	38917	4.605	ug/l	# 51
37) Ethyl Acetate	7.279	43	14074	3.623	ug/l	98
38) Carbon Tetrachloride	7.973	117	46842	5.339	ug/l	# 16
39) Methylcyclohexane	9.349	83	1117132	113.958	ug/l	99
40) Benzene	8.344	78	207120	8.486	ug/l	99
41) Methacrylonitrile	7.526	41	8844	3.823	ug/l	# 29
43) Isopropyl Acetate	8.444	43	348988	48.668	ug/l	# 54
45) 1,2-Dichloropropane	9.344	63	13072	2.039	ug/l	# 1
48) Methyl methacrylate	9.532	41	36617	10.438	ug/l	# 47
49) 1,4-Dioxane	9.461	88	63	1.582	ug/l	# 21
51) 4-Methyl-2-Pentanone	10.220	43	61579	16.526	ug/l	97
52) Toluene	10.391	92	19485913	1279.896	ug/l	# 1
53) t-1,3-Dichloropropene	10.396	75	316852	37.926	ug/l	# 1
55) 1,1,2-Trichloroethane	10.767	97	104019	21.763	ug/l	# 19
56) Ethyl methacrylate	10.673	69	20679	3.675	ug/l	# 16
59) 2-Hexanone	10.944	43	99413	39.649	ug/l	# 27
67) Ethyl Benzene	11.738	91	1282538	48.491	ug/l	99
68) m/p-Xylenes	11.843	106	2087536	204.899	ug/l	100
69) o-Xylene	12.167	106	909641	95.601	ug/l	99
70) Styrene	12.173	104	46086	2.796	ug/l	# 1
73) Isopropylbenzene	12.467	105	197973	10.645	ug/l	100
74) N-amyl acetate	12.255	43	331230	71.518	ug/l	# 69
75) 1,1,2,2-Tetrachloroethane	12.661	83	12583	3.352	ug/l	# 1
76) 1,2,3-Trichloropropane	12.808	75	5380	2.018	ug/l	# 100
78) n-propylbenzene	12.808	91	733328	31.286	ug/l	99

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

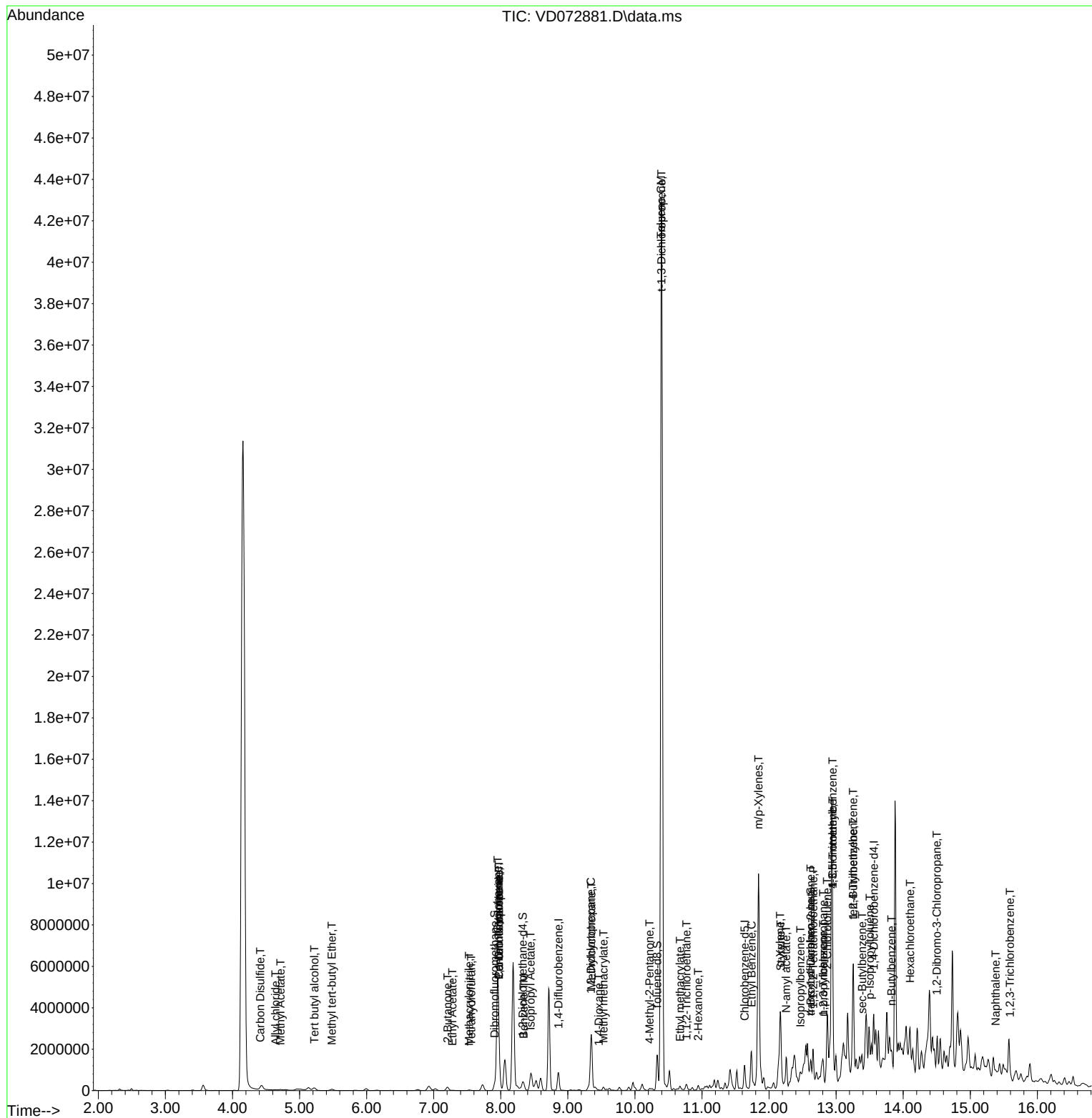
79) 2-Chlorotoluene	12.867	91	228891	16.717	ug/l	#	43
80) 1,3,5-Trimethylbenzene	12.949	105	783804	49.704	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.620	75	158102	136.403	ug/l	#	7
82) 4-Chlorotoluene	12.949	91	95995	6.710	ug/l	#	55
83) tert-Butylbenzene	13.255	119	362983	27.074	ug/l	#	69
84) 1,2,4-Trimethylbenzene	13.255	105	2970003	188.420	ug/l		100
85) sec-Butylbenzene	13.390	105	338681	16.749	ug/l		87
86) p-Isopropyltoluene	13.502	119	195240	11.776	ug/l		98
89) n-Butylbenzene	13.826	91	601444	37.450	ug/l	#	74
90) Hexachloroethane	14.102	117	68740	20.239	ug/l	#	17
92) 1,2-Dibromo-3-Chloropr...	14.502	75	2531	4.253	ug/l	#	28
95) Naphthalene	15.379	128	215314	25.504	ug/l	#	93
96) 1,2,3-Trichlorobenzene	15.590	180	7053	1.733	ug/l	#	1

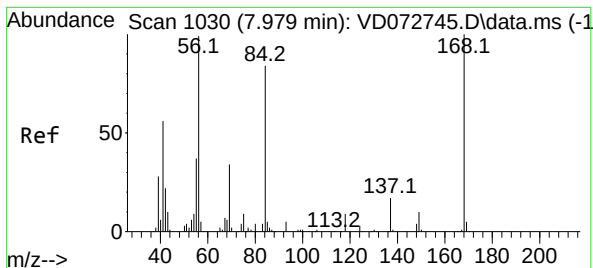
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD072881.D

Acq: 07 May 2022 06:46

Instrument :

MSVOA_D

ClientSampleId :

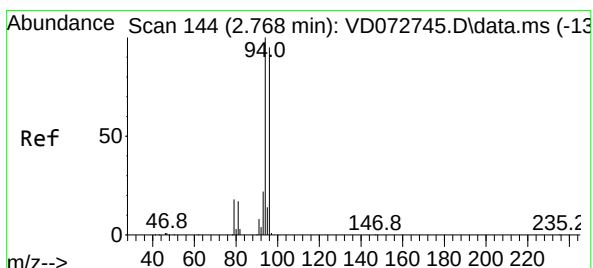
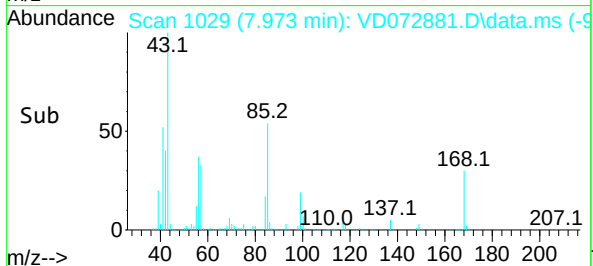
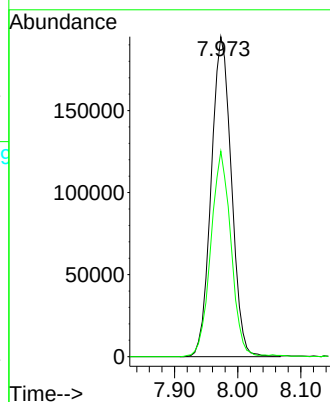
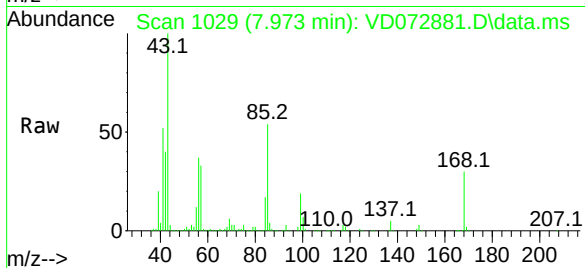
TRE-1284

Tgt Ion:168 Resp: 433624

Ion Ratio Lower Upper

168 100

99 64.2 49.8 74.6



#5

Bromomethane

Concen: Below Cal

RT: 2.767 min Scan# 144

Delta R.T. -0.001 min

Lab File: VD072881.D

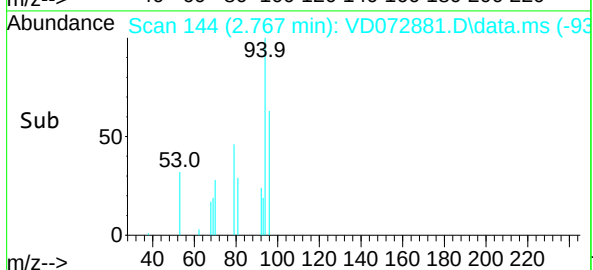
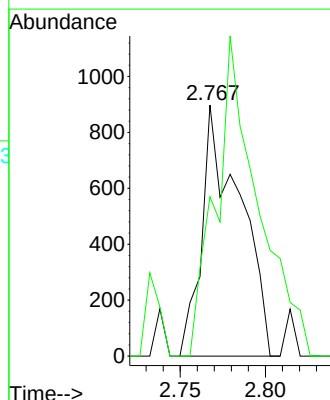
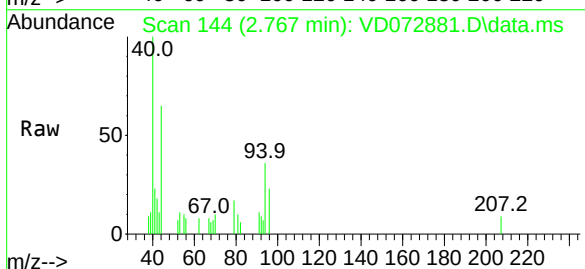
Acq: 07 May 2022 06:46

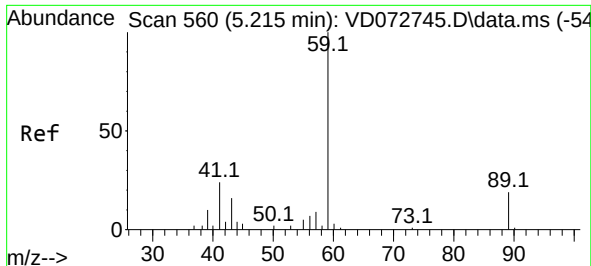
Tgt Ion: 94 Resp: 1393

Ion Ratio Lower Upper

94 100

96 63.5 77.6 116.4#





#11

Tert butyl alcohol

Concen: 488.092 ug/l

RT: 5.220 min Scan# 50

Delta R.T. 0.005 min

Lab File: VD072881.D

Acq: 07 May 2022 06:46

Instrument :

MSVOA_D

ClientSampleId :

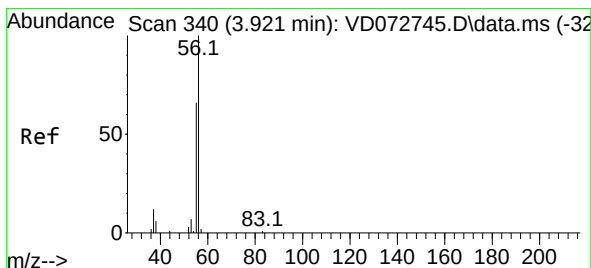
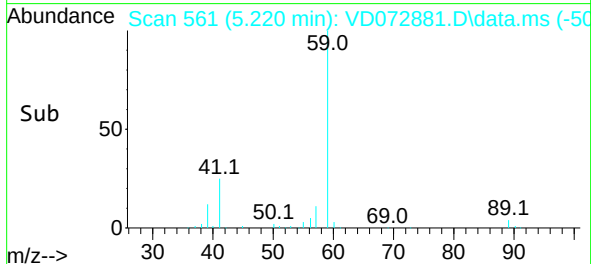
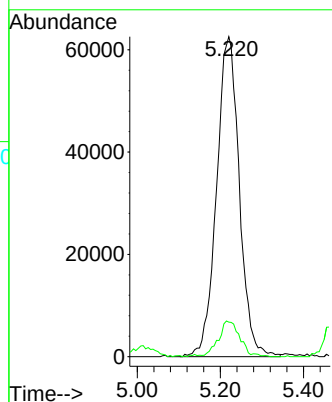
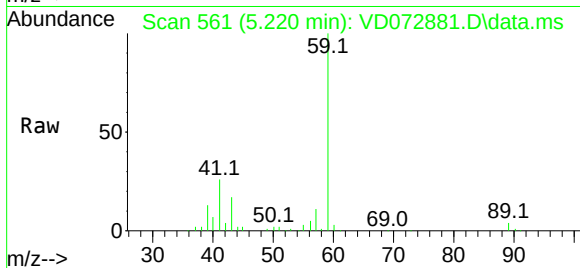
TRE-1284

Tgt Ion: 59 Resp: 237704

Ion Ratio Lower Upper

59 100

57 10.5 7.8 11.6



#13

Acrolein

Concen: Below Cal

RT: 3.932 min Scan# 342

Delta R.T. 0.011 min

Lab File: VD072881.D

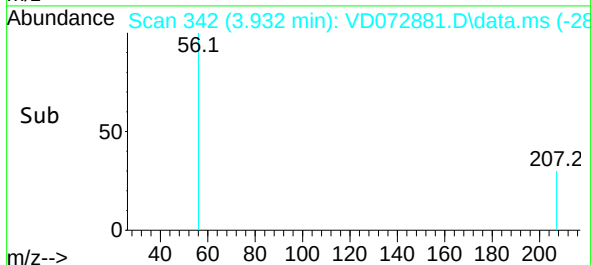
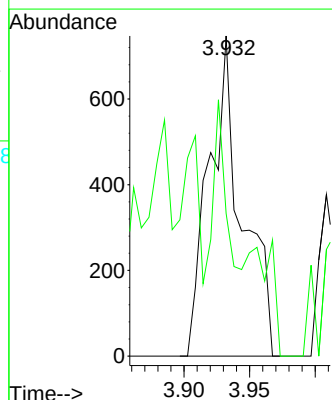
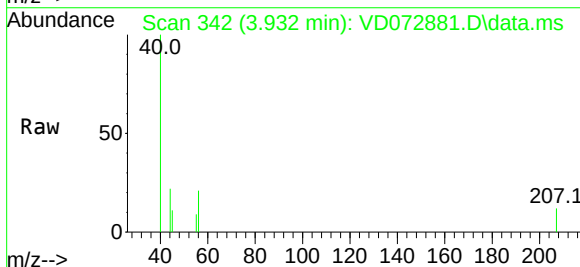
Acq: 07 May 2022 06:46

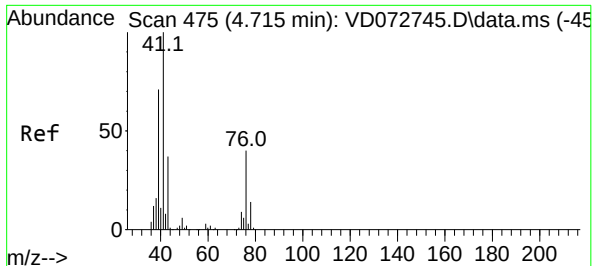
Tgt Ion: 56 Resp: 1304

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#





#14

Allyl chloride

Concen: 2.095 ug/l

RT: 4.644 min Scan# 4

Delta R.T. -0.071 min

Lab File: VD072881.D

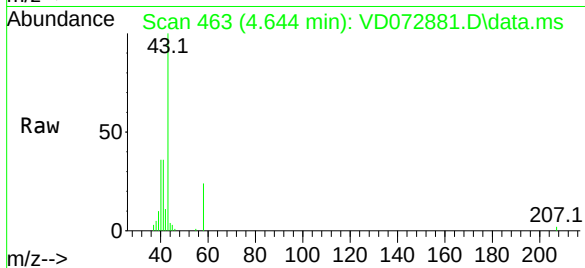
Acq: 07 May 2022 06:46

Instrument :

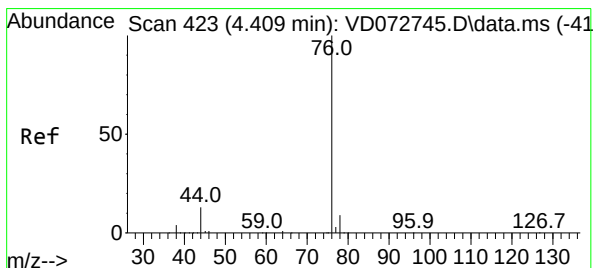
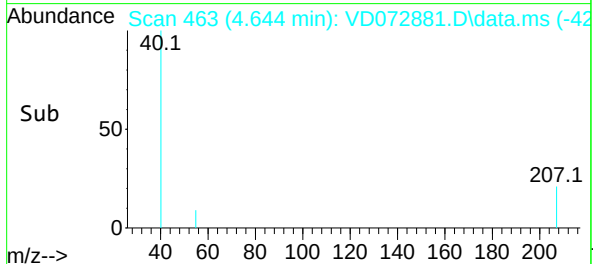
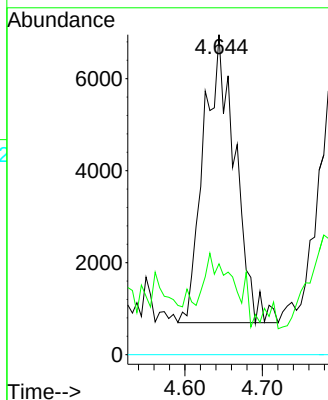
MSVOA_D

ClientSampleId :

TRE-1284



Tgt Ion: 41	Resp: 17687
Ion Ratio	Lower Upper
41	100
39	21.6 59.3 88.9#
76	0.0 25.7 38.5#



#17

Carbon Disulfide

Concen: 1.574 ug/l

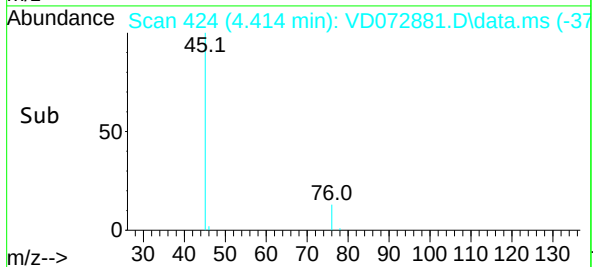
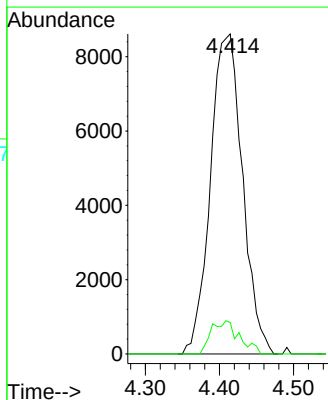
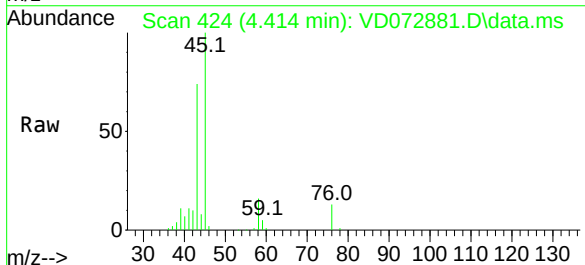
RT: 4.414 min Scan# 424

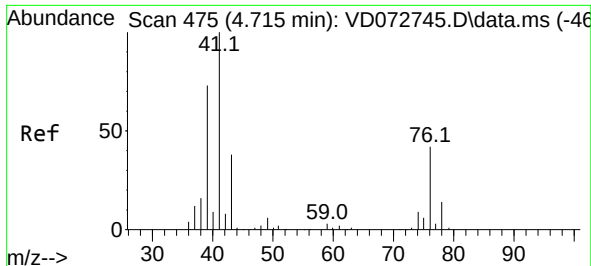
Delta R.T. 0.005 min

Lab File: VD072881.D

Acq: 07 May 2022 06:46

Tgt Ion: 76	Resp: 25884
Ion Ratio	Lower Upper
76	100
78	9.9 7.5 11.3





#18

Methyl Acetate

Concen: 13.672 ug/l

RT: 4.714 min Scan# 41

Delta R.T. -0.001 min

Lab File: VD072881.D

Acq: 07 May 2022 06:46

Instrument :

MSVOA_D

ClientSampleId :

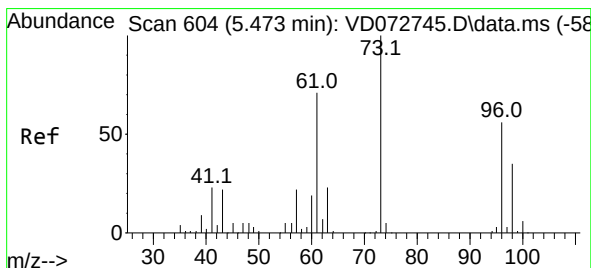
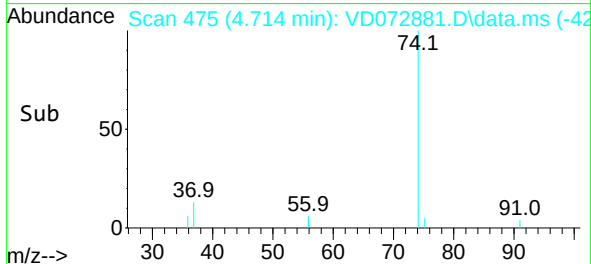
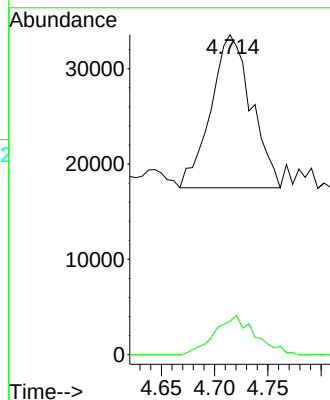
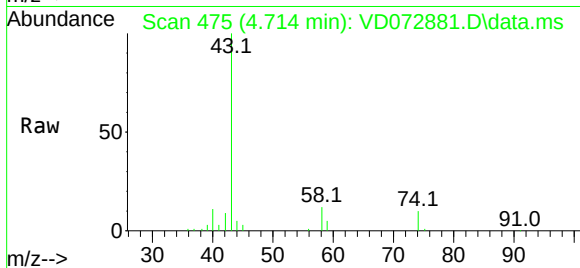
TRE-1284

Tgt Ion: 43 Resp: 42423

Ion Ratio Lower Upper

43 100

74 25.7 16.7 25.1#



#19

Methyl tert-butyl Ether

Concen: 3.854 ug/l

RT: 5.479 min Scan# 605

Delta R.T. 0.006 min

Lab File: VD072881.D

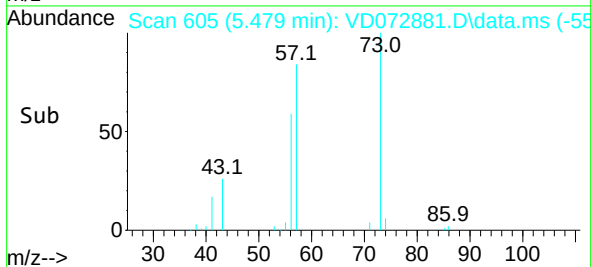
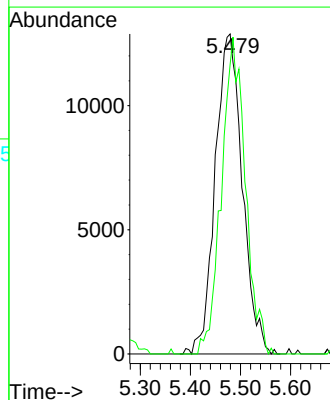
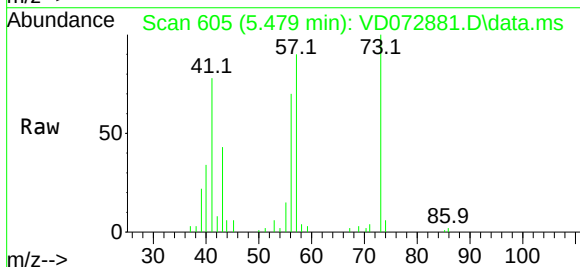
Acq: 07 May 2022 06:46

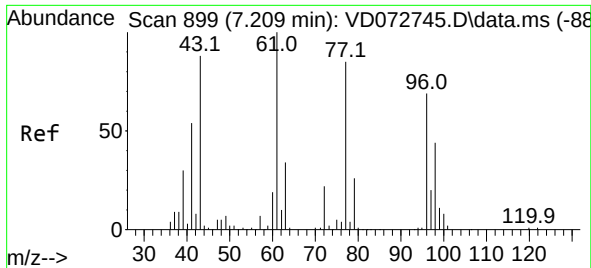
Tgt Ion: 73 Resp: 48305

Ion Ratio Lower Upper

73 100

57 90.4 18.0 27.0#

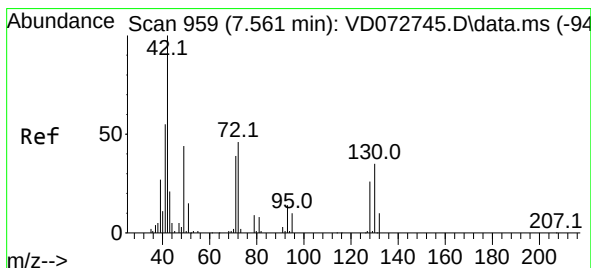
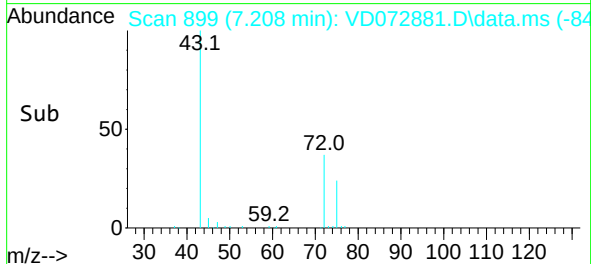
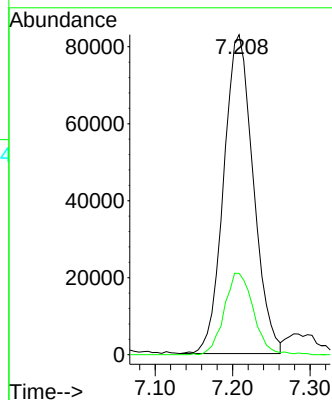
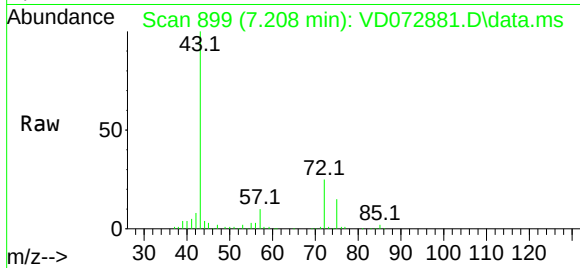




#25
2-Butanone
Concen: 134.477 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

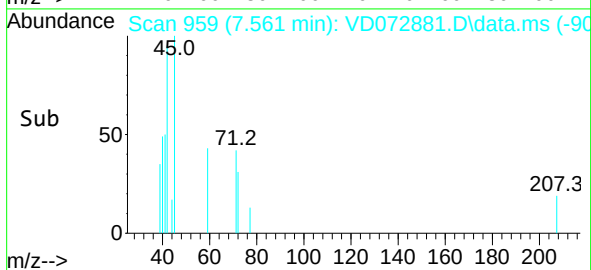
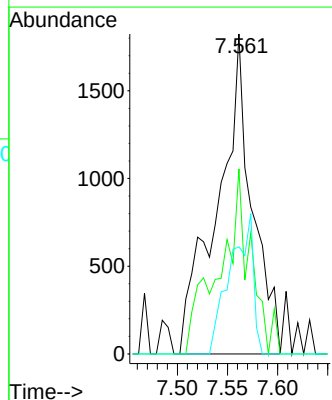
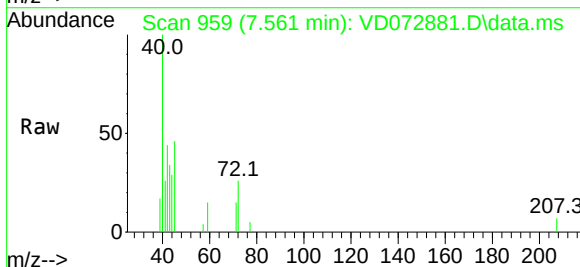
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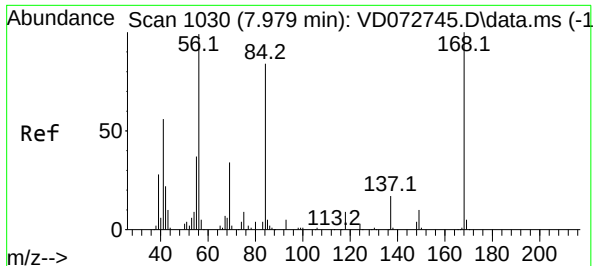
Tgt Ion: 43 Resp: 220548
Ion Ratio Lower Upper
43 100
72 25.5 18.6 27.8



#29
Tetrahydrofuran
Concen: 4.169 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

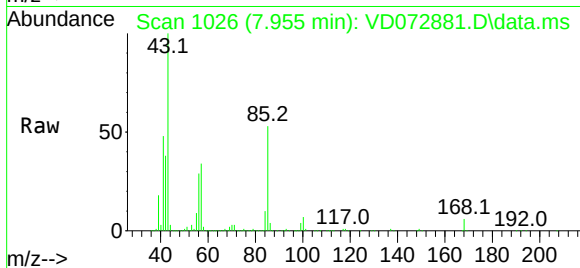
Tgt Ion: 42 Resp: 4358
Ion Ratio Lower Upper
42 100
72 41.1 30.7 46.1
71 0.0 28.6 43.0#



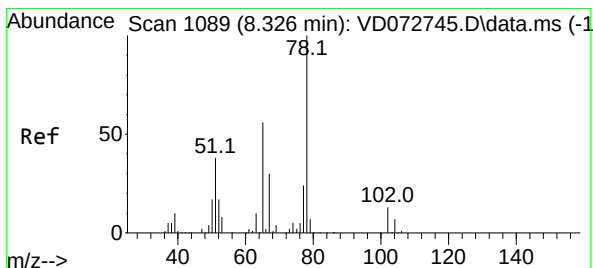
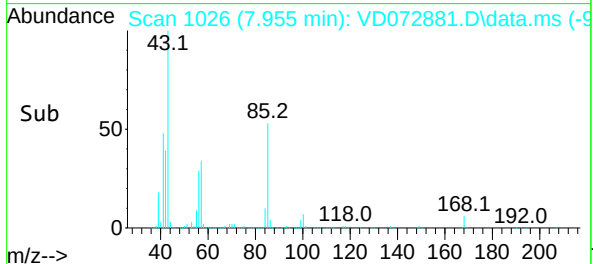
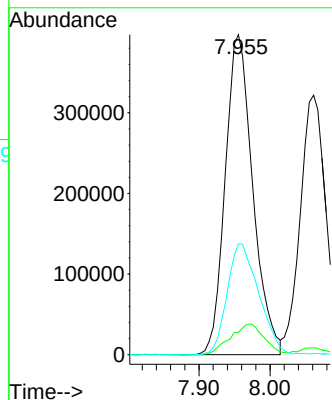


#31
Cyclohexane
Concen: 108.892 ug/l
RT: 7.955 min Scan# 1026
Delta R.T. -0.024 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Instrument :
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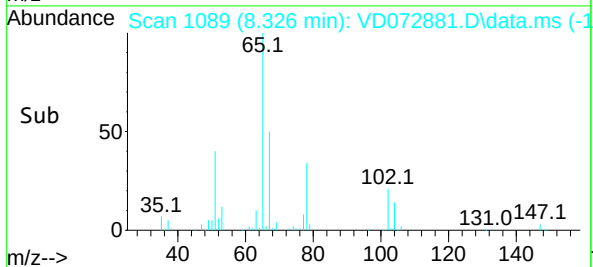
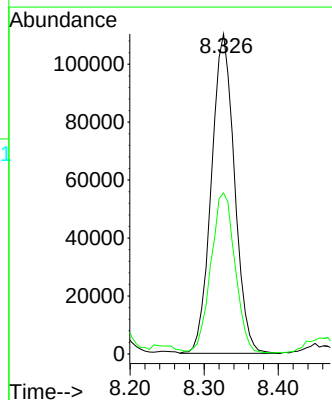
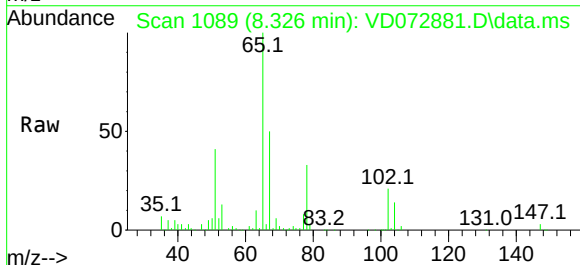


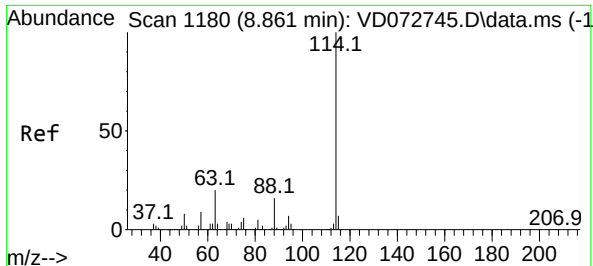
Tgt Ion: 56 Resp: 1071451
Ion Ratio Lower Upper
56 100
69 7.0 25.4 38.2#
84 34.6 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 42.351 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Tgt Ion: 65 Resp: 238382
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4

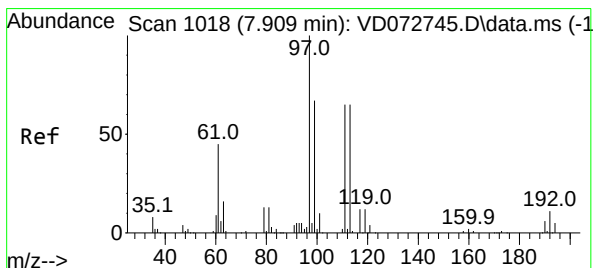
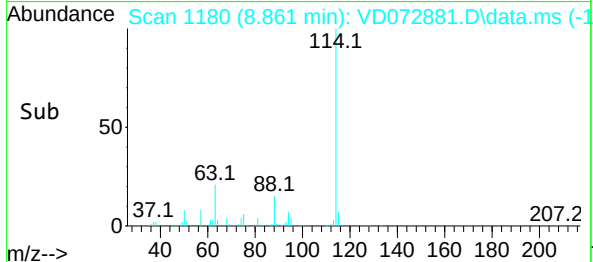
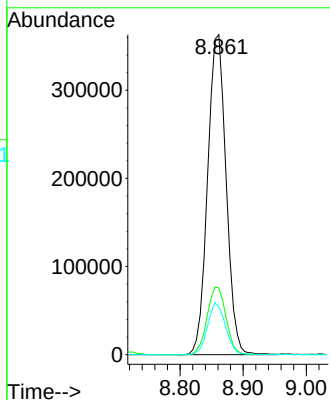
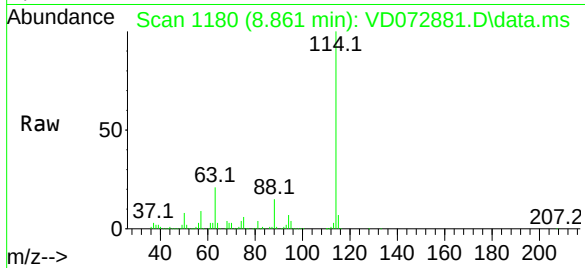




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

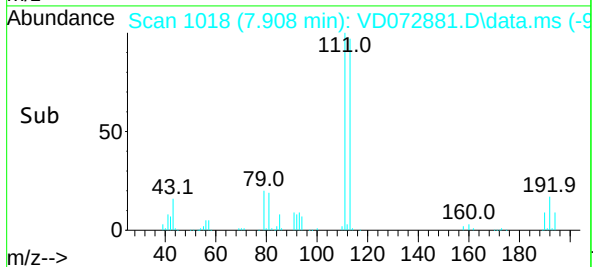
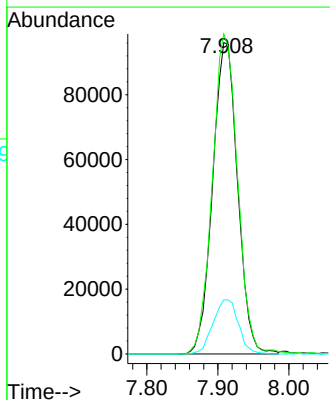
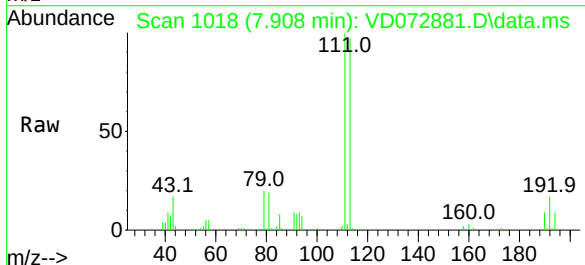
Instrument :
MSVOA_D
ClientSampleId :
TRE-1284

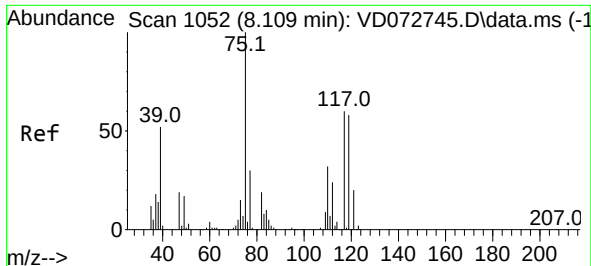
Tgt Ion:114 Resp: 740068
Ion Ratio Lower Upper
114 100
63 20.9 0.0 46.6
88 14.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.093 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Tgt Ion:113 Resp: 234374
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 17.7 14.6 21.8

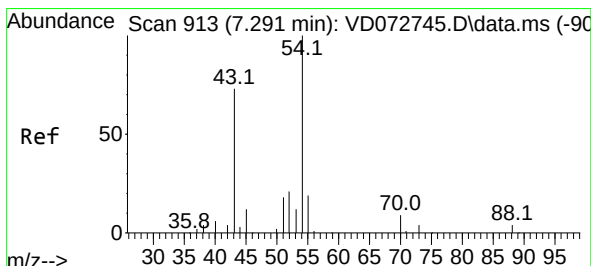
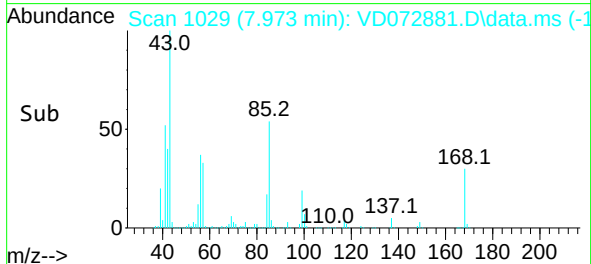
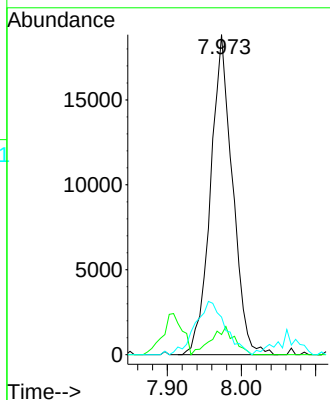
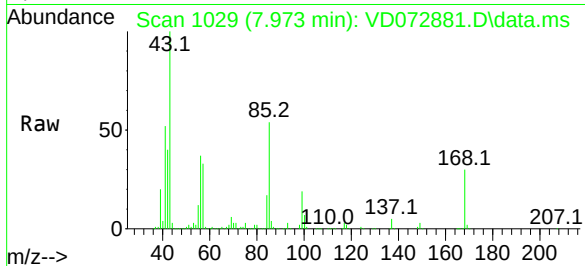




#36
1,1-Dichloropropene
Concen: 4.605 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

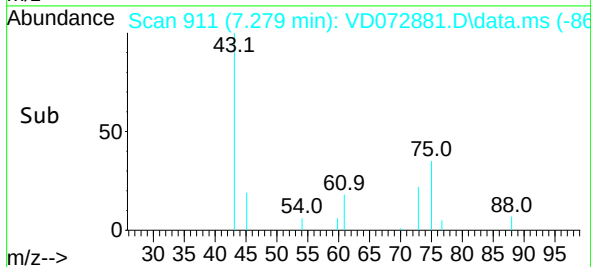
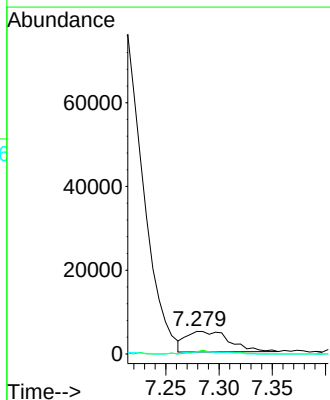
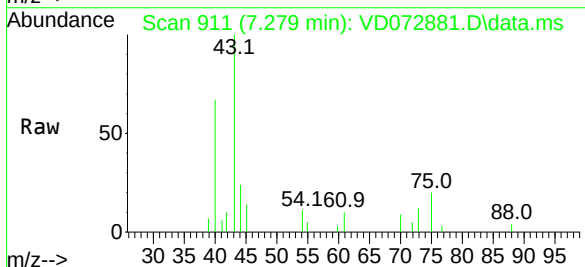
Instrument :
MSVOA_D
ClientSampleId :
TRE-1284

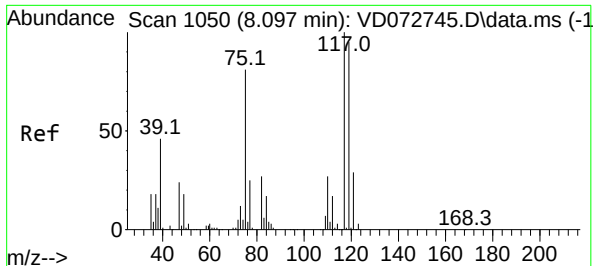
Tgt Ion: 75 Resp: 38917
Ion Ratio Lower Upper
75 100
110 9.0 16.4 49.1#
77 0.0 24.2 36.2#



#37
Ethyl Acetate
Concen: 3.623 ug/l
RT: 7.279 min Scan# 911
Delta R.T. -0.012 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Tgt Ion: 43 Resp: 14074
Ion Ratio Lower Upper
43 100
61 13.1 9.8 14.8
70 9.7 6.9 10.3

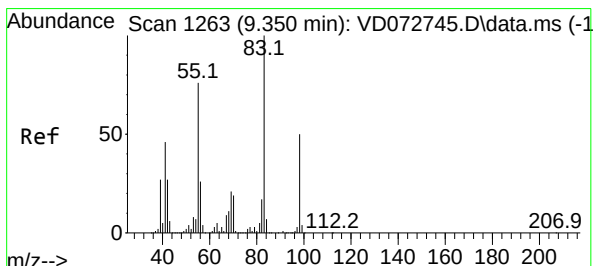
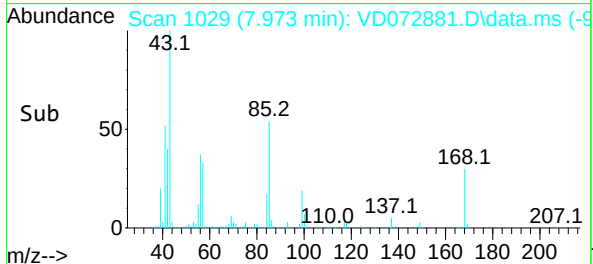
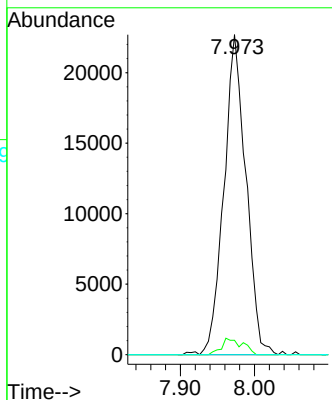
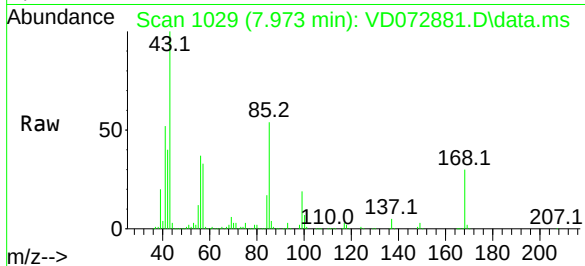




#38
Carbon Tetrachloride
Concen: 5.339 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

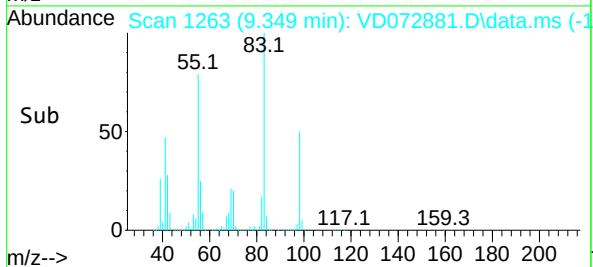
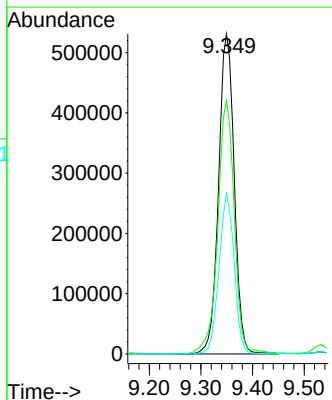
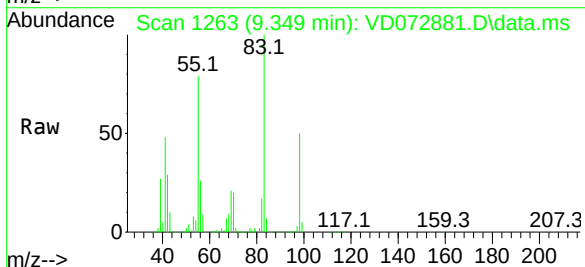
Instrument :
MSVOA_D
ClientSampleId :
TRE-1284

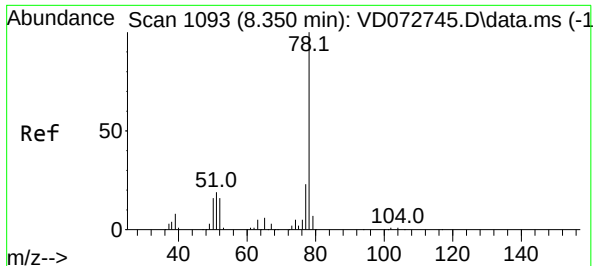
Tgt Ion:117 Resp: 46842
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 113.958 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.001 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Tgt Ion: 83 Resp: 1117132
Ion Ratio Lower Upper
83 100
55 79.2 63.2 94.8
98 50.1 38.2 57.4

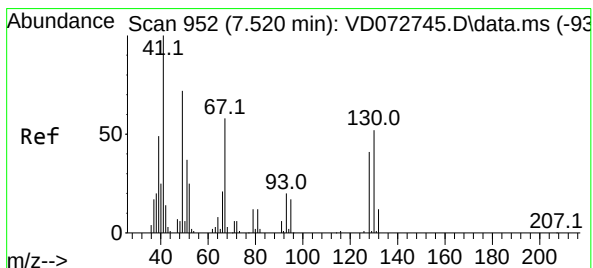
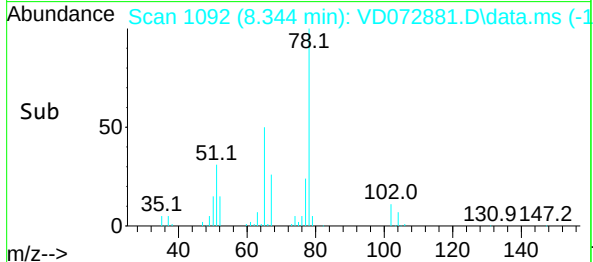
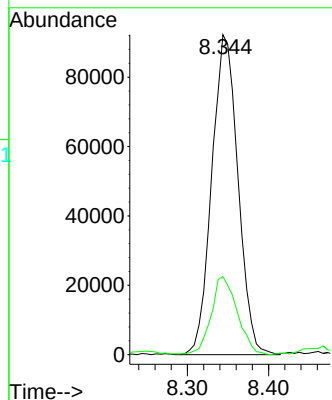
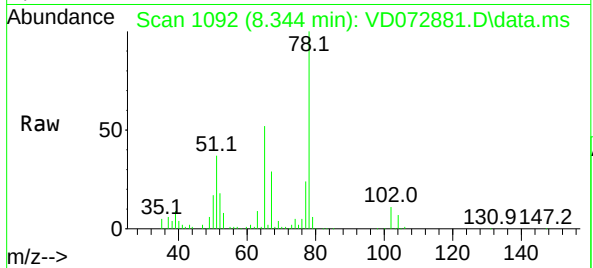




#40
Benzene
Concen: 8.486 ug/l
RT: 8.344 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

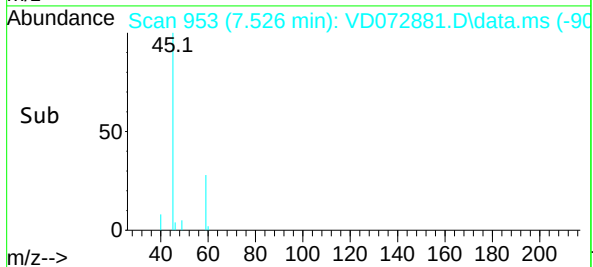
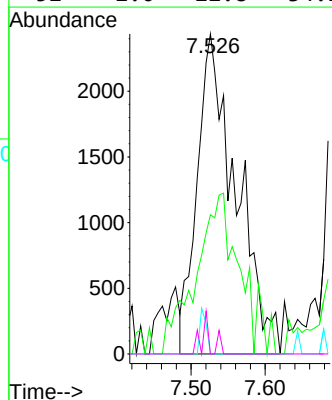
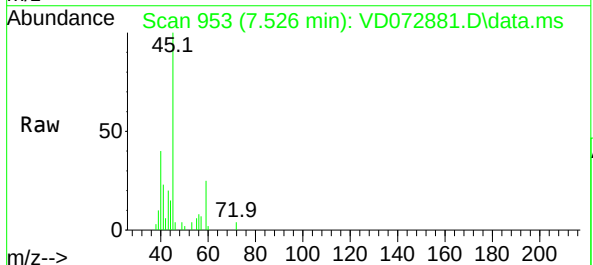
Instrument :
MSVOA_D
ClientSampleId :
TRE-1284

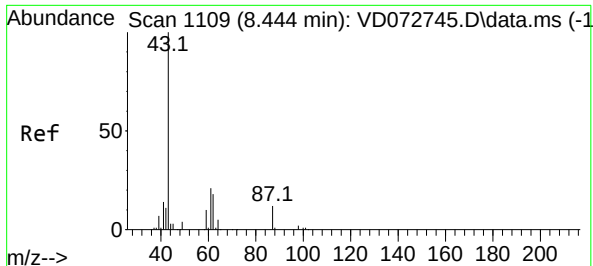
Tgt Ion: 78 Resp: 207120
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7



#41
Methacrylonitrile
Concen: 3.823 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.006 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Tgt Ion: 41 Resp: 8844
Ion Ratio Lower Upper
41 100
39 0.0 44.6 67.0#
67 2.3 48.2 72.4#
52 2.0 22.8 34.2#

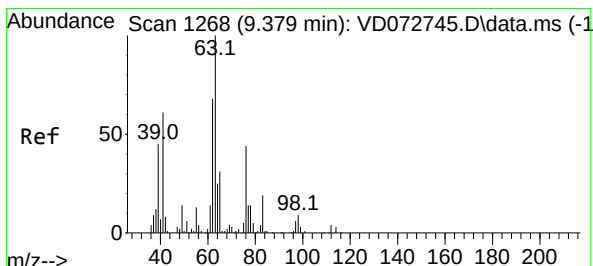
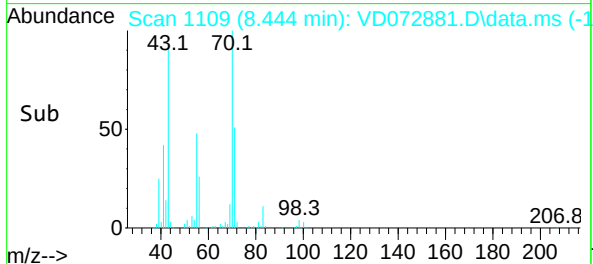
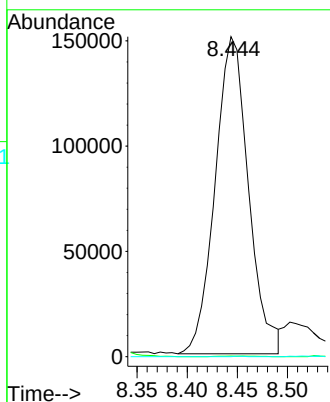
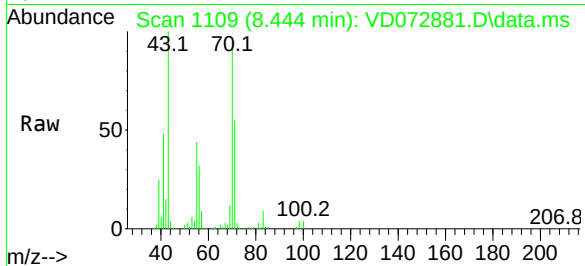




#43
Isopropyl Acetate
Concen: 48.668 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

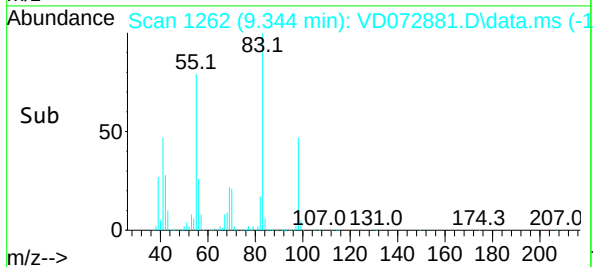
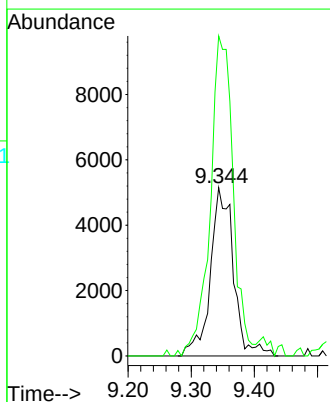
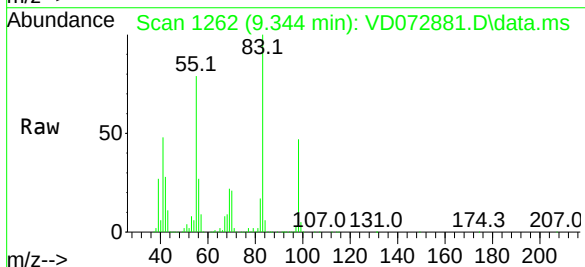
Instrument :
MSVOA_D
ClientSampleId :
TRE-1284

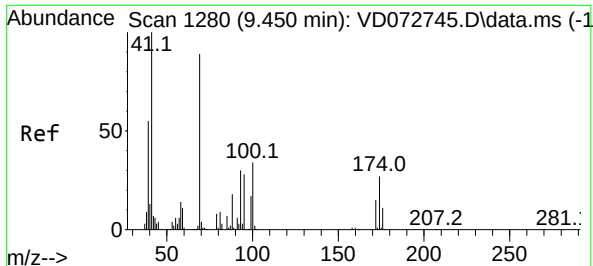
Tgt Ion: 43 Resp: 348988
Ion Ratio Lower Upper
43 100
61 0.2 22.4 33.6#
87 0.0 8.7 13.1#



#45
1,2-Dichloropropane
Concen: 2.039 ug/l
RT: 9.344 min Scan# 1262
Delta R.T. -0.035 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Tgt Ion: 63 Resp: 13072
Ion Ratio Lower Upper
63 100
65 186.9 26.2 39.4#





#48

Methyl methacrylate

Concen: 10.438 ug/l

RT: 9.532 min Scan# 1

Delta R.T. 0.082 min

Lab File: VD072881.D

Acq: 07 May 2022 06:46

Instrument :

MSVOA_D

ClientSampleId :

TRE-1284

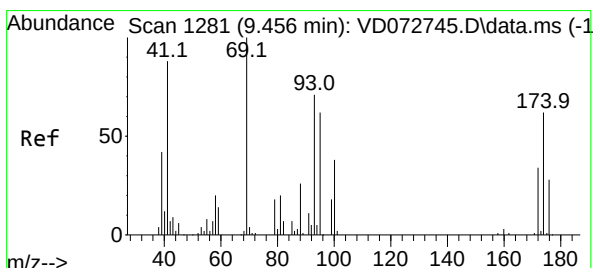
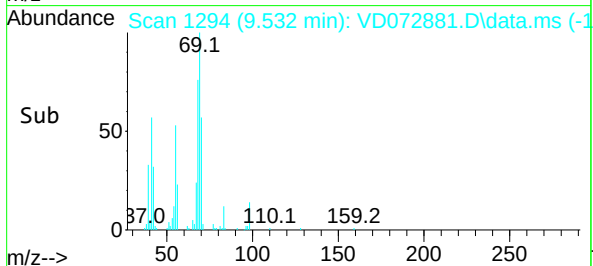
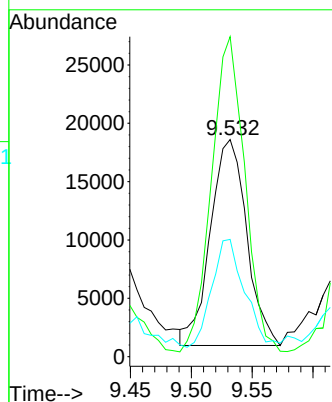
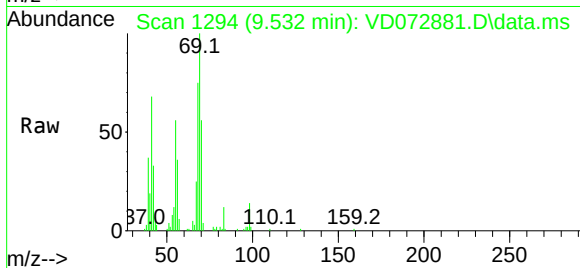
Tgt Ion: 41 Resp: 36617

Ion Ratio Lower Upper

41 100

69 141.7 56.7 85.1#

39 47.2 42.7 64.1



#49

1,4-Dioxane

Concen: 1.582 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.005 min

Lab File: VD072881.D

Acq: 07 May 2022 06:46

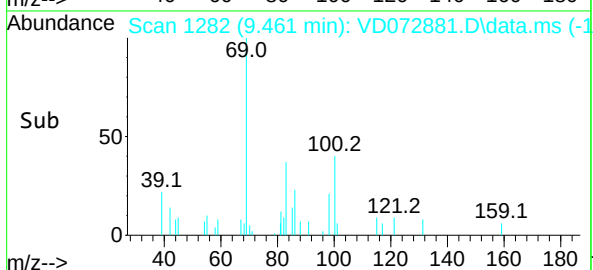
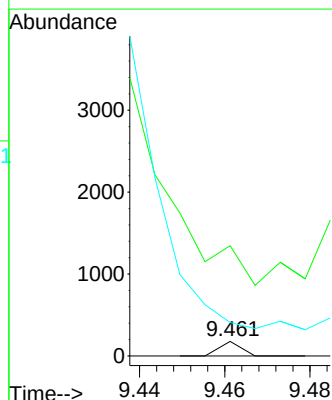
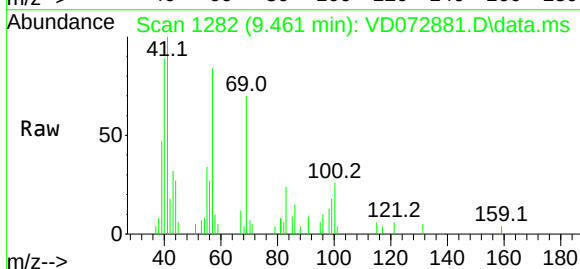
Tgt Ion: 88 Resp: 63

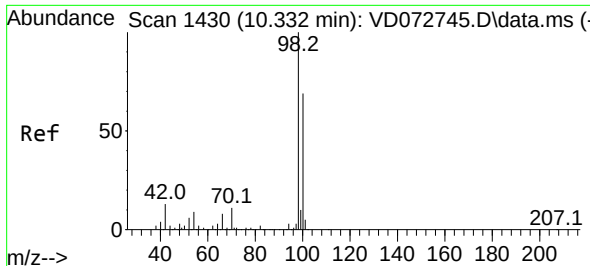
Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.4#

58 0.0 58.1 87.1#

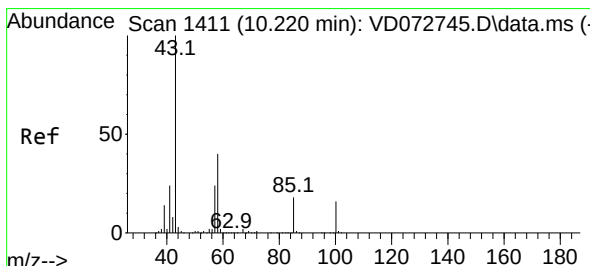
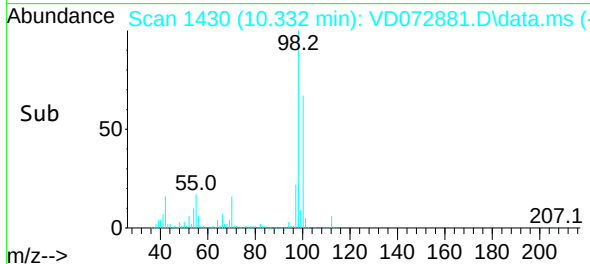
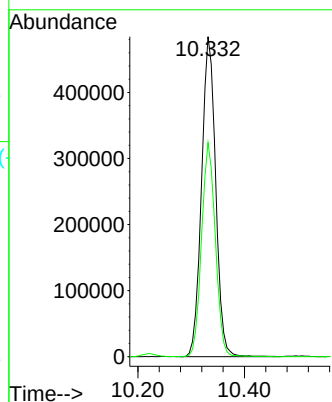
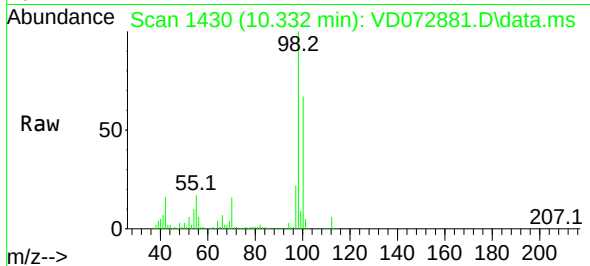




#50
Toluene-d8
Concen: 47.728 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

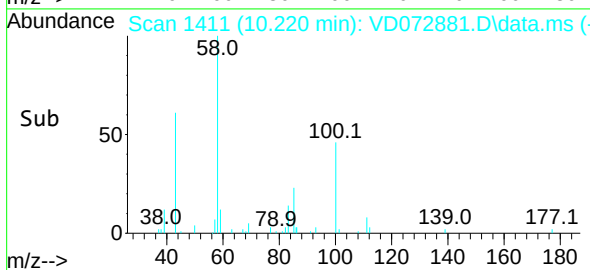
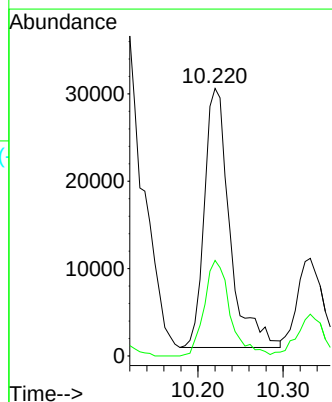
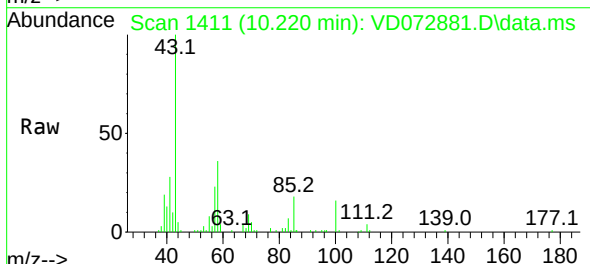
Instrument :
MSVOA_D
ClientSampleId :
TRE-1284

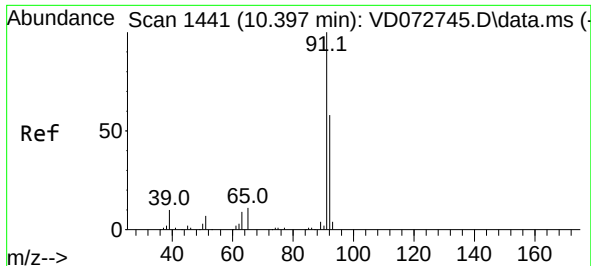
Tgt Ion: 98 Resp: 889848
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 16.526 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Tgt Ion: 43 Resp: 61579
Ion Ratio Lower Upper
43 100
58 37.4 28.6 43.0

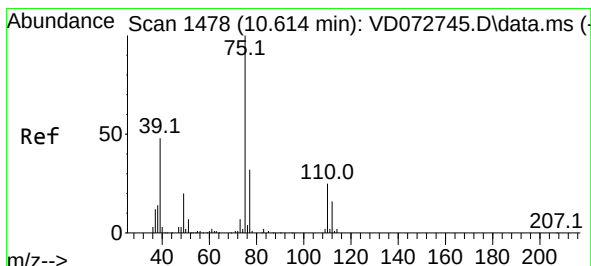
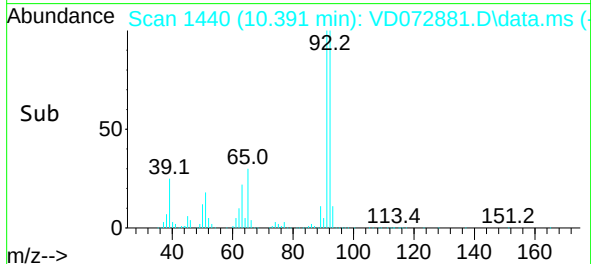
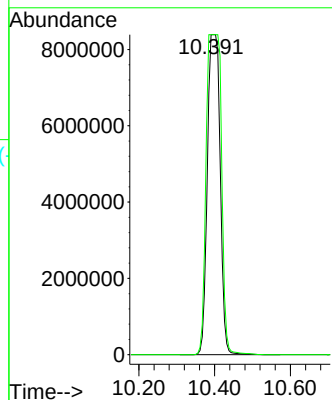
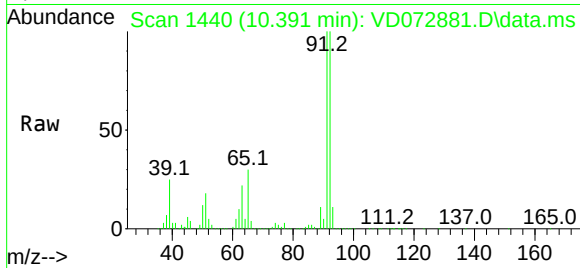




#52
Toluene
Concen: 1279.896 ug/l
RT: 10.391 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

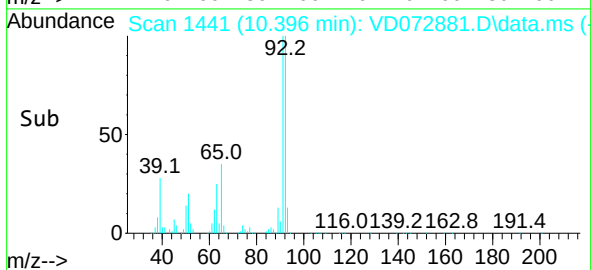
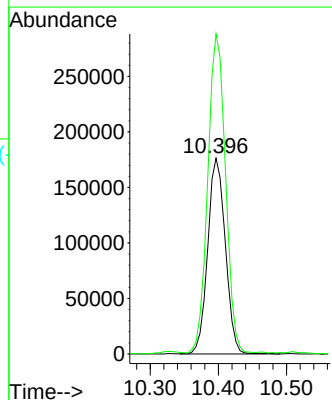
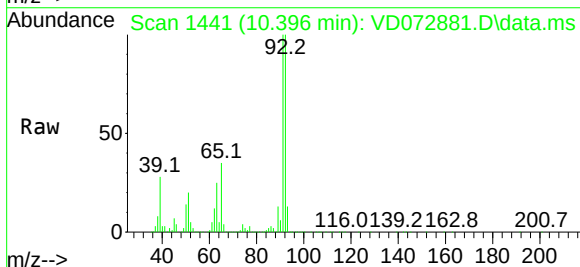
Instrument :
MSVOA_D
ClientSampleId :
TRE-1284

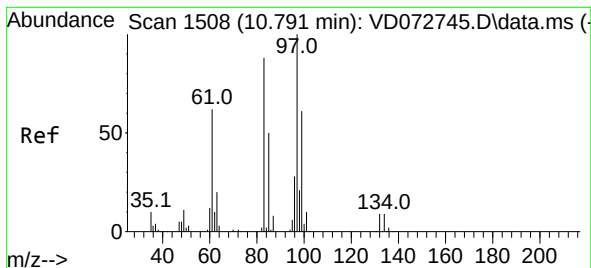
Tgt Ion: 92 Resp:19485913
Ion Ratio Lower Upper
92 100
91 0.0 139.6 209.4#



#53
t-1,3-Dichloropropene
Concen: 37.926 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.218 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Tgt Ion: 75 Resp: 316852
Ion Ratio Lower Upper
75 100
77 162.8 24.5 36.7#





#55

1,1,2-Trichloroethane

Concen: 21.763 ug/l

RT: 10.767 min Scan# 1

Delta R.T. -0.024 min

Lab File: VD072881.D

Acq: 07 May 2022 06:46

Instrument :

MSVOA_D

ClientSampleId :

TRE-1284

Tgt Ion: 97 Resp: 104019

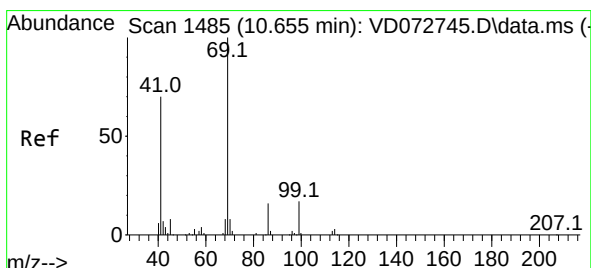
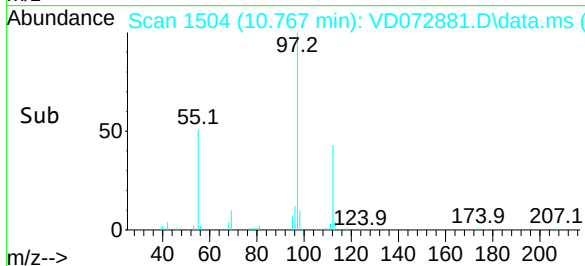
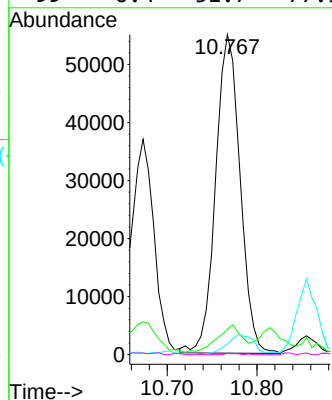
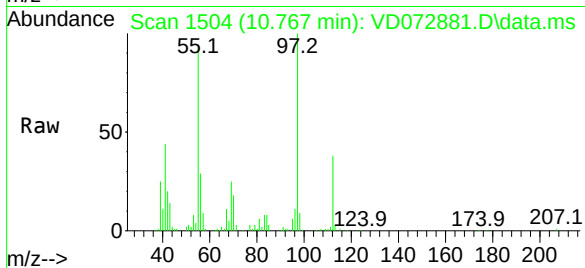
Ion Ratio Lower Upper

97 100

83 6.7 69.0 103.4#

85 2.8 42.6 63.8#

99 0.4 51.7 77.5#



#56

Ethyl methacrylate

Concen: 3.675 ug/l

RT: 10.673 min Scan# 1488

Delta R.T. 0.018 min

Lab File: VD072881.D

Acq: 07 May 2022 06:46

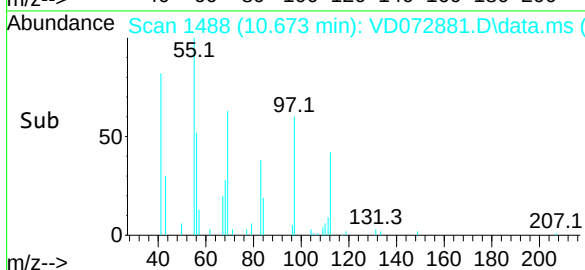
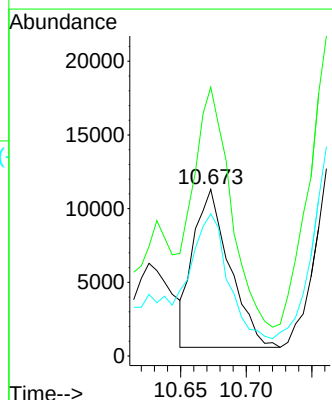
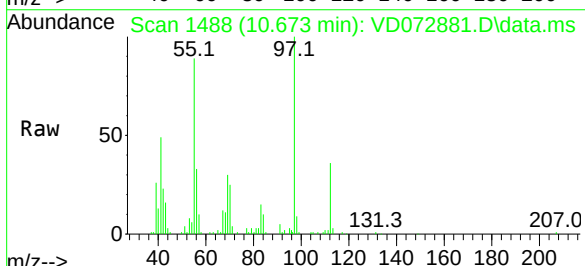
Tgt Ion: 69 Resp: 20679

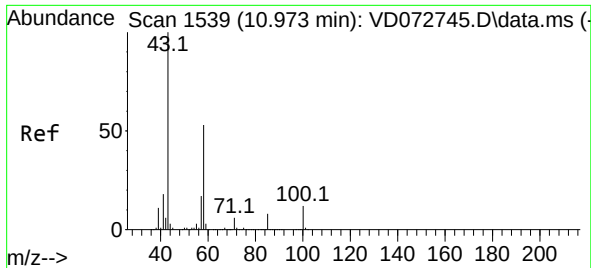
Ion Ratio Lower Upper

69 100

41 160.5 63.0 94.6#

39 0.0 33.8 50.8#

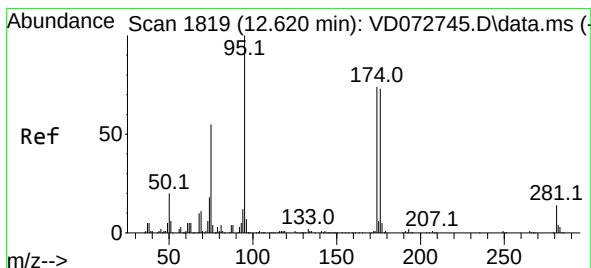
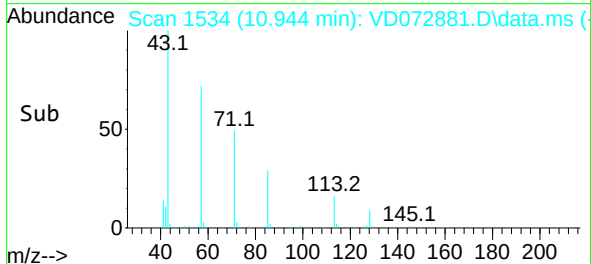
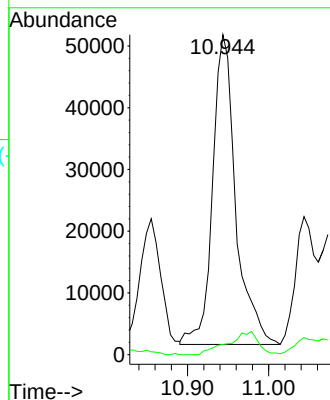
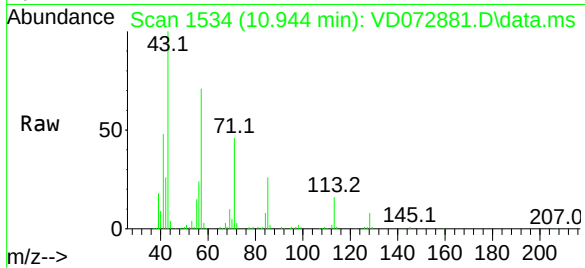




#59
2-Hexanone
Concen: 39.649 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.030 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

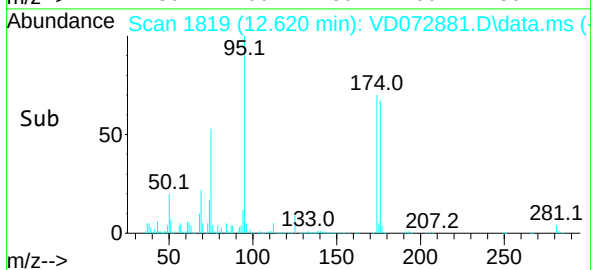
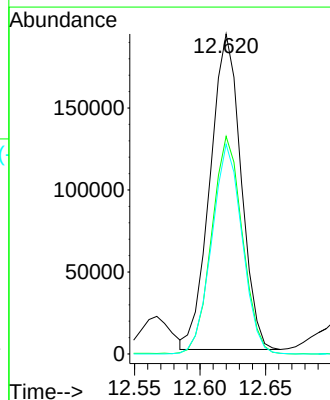
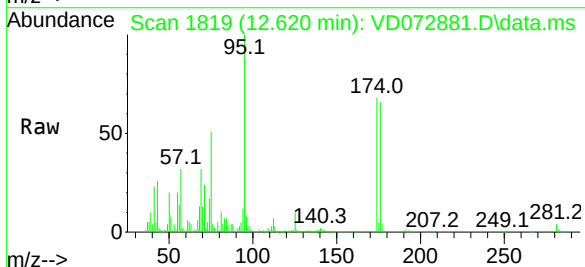
Instrument :
MSVOA_D
ClientSampleId :
TRE-1284

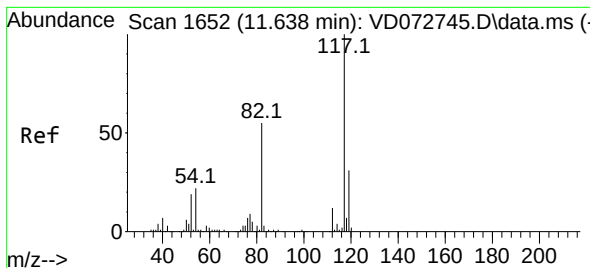
Tgt Ion: 43 Resp: 99413
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 45.404 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Tgt Ion: 95 Resp: 315642
Ion Ratio Lower Upper
95 100
174 68.3 0.0 152.8
176 65.2 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072881.D

Acq: 07 May 2022 06:46

Instrument :

MSVOA_D

ClientSampleId :

TRE-1284

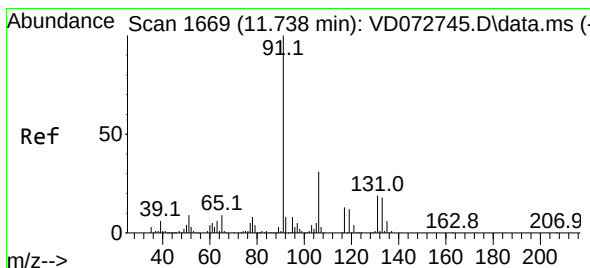
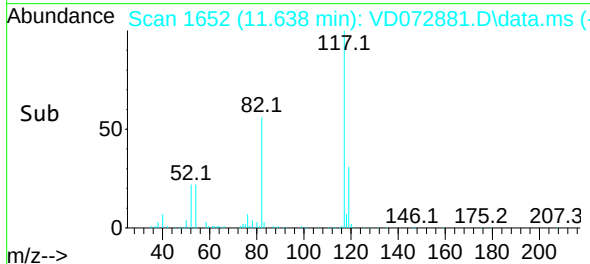
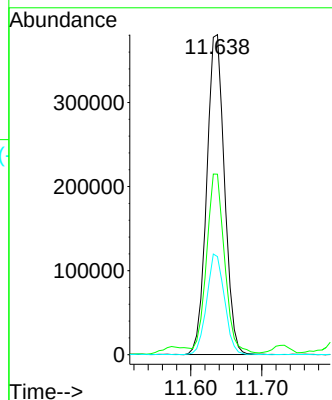
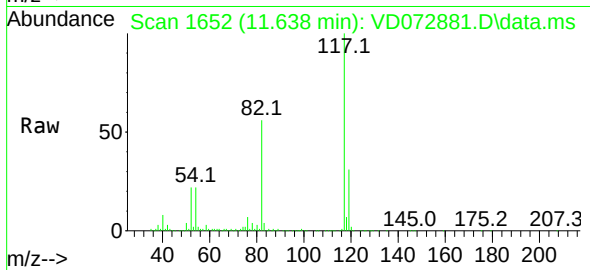
Tgt Ion:117 Resp: 660752

Ion Ratio Lower Upper

117 100

82 54.3 45.3 67.9

119 30.6 26.6 40.0



#67

Ethyl Benzene

Concen: 48.491 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD072881.D

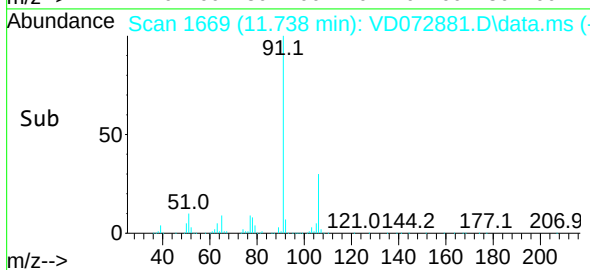
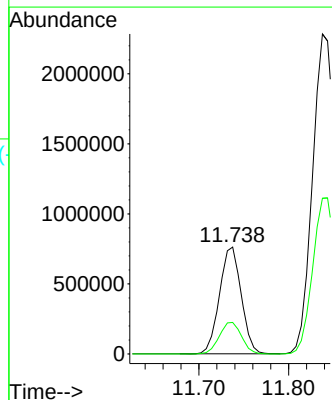
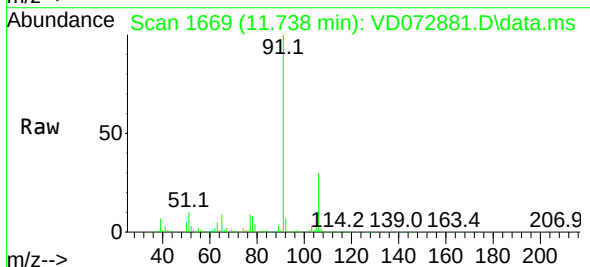
Acq: 07 May 2022 06:46

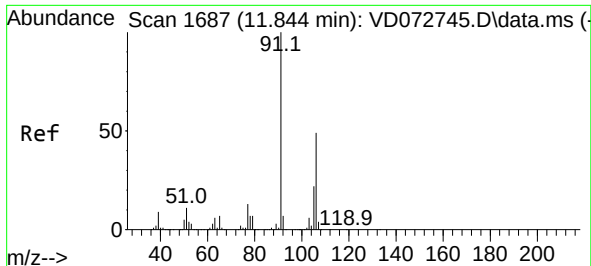
Tgt Ion: 91 Resp: 1282538

Ion Ratio Lower Upper

91 100

106 29.6 24.2 36.4

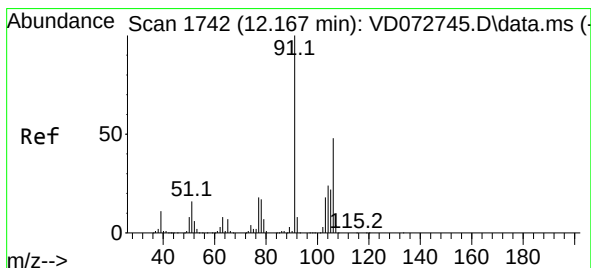
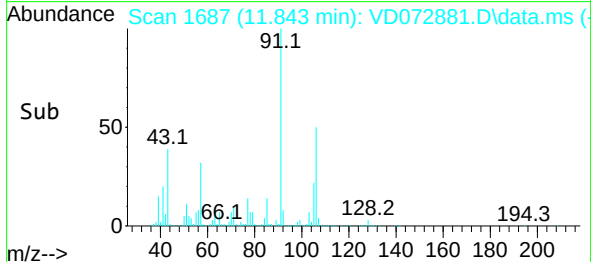
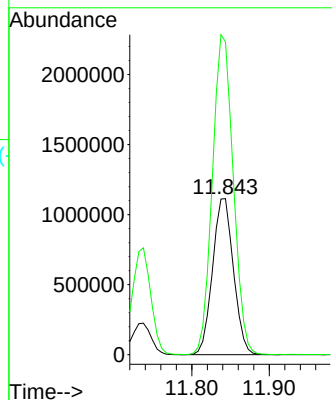
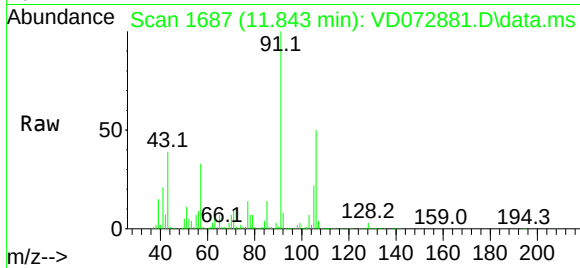




#68
m/p-Xylenes
Concen: 204.899 ug/l
RT: 11.843 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

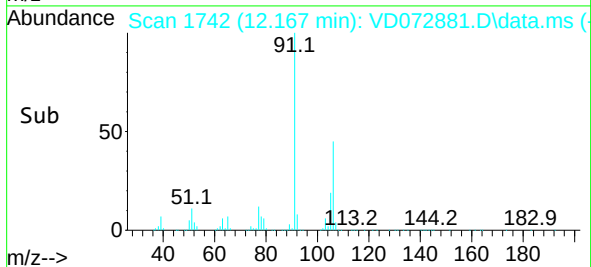
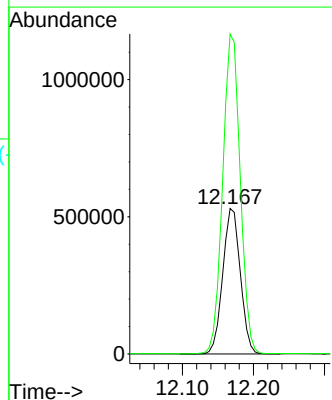
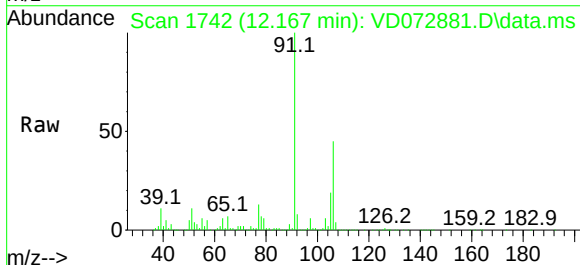
Instrument :
MSVOA_D
ClientSampleId :
TRE-1284

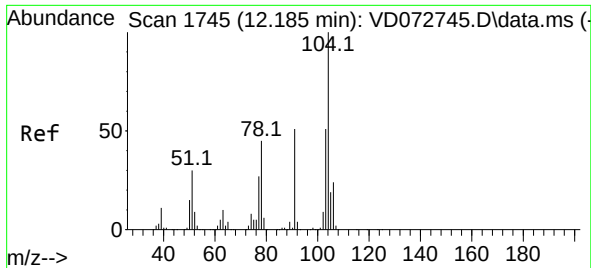
Tgt Ion:106 Resp: 2087536
Ion Ratio Lower Upper
106 100
91 204.6 163.7 245.5



#69
o-Xylene
Concen: 95.601 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Tgt Ion:106 Resp: 909641
Ion Ratio Lower Upper
106 100
91 219.1 110.4 331.2

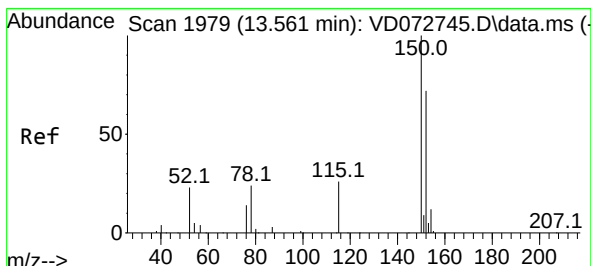
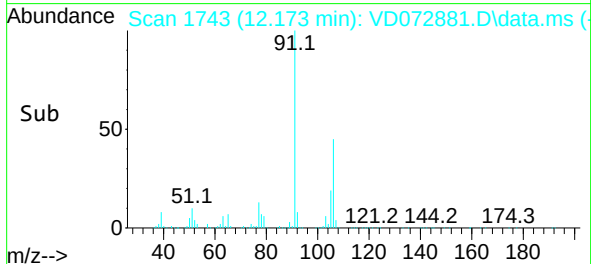
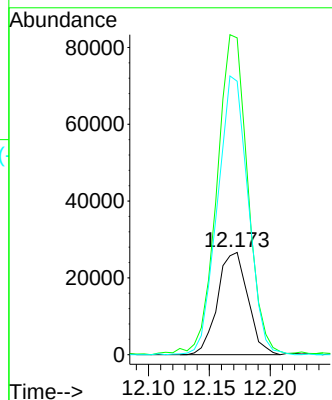
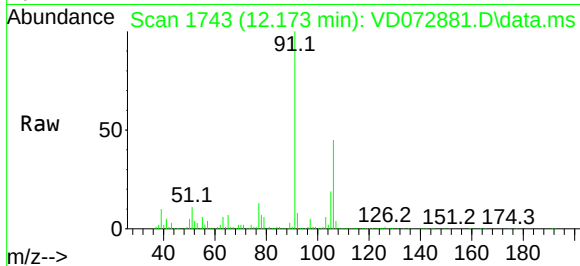




#70
Styrene
Concen: 2.796 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

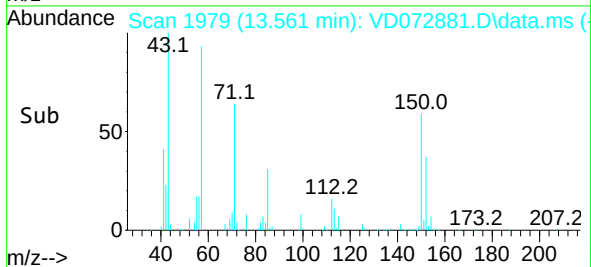
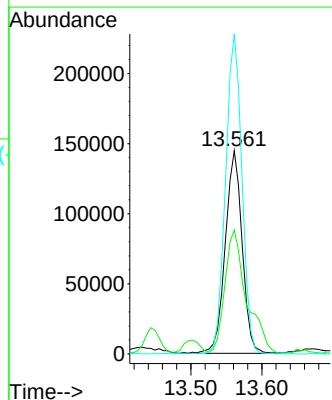
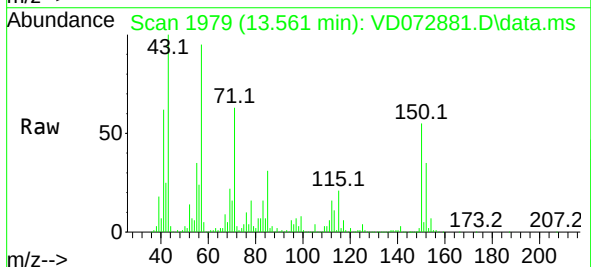
Instrument :
MSVOA_D
ClientSampleId :
TRE-1284

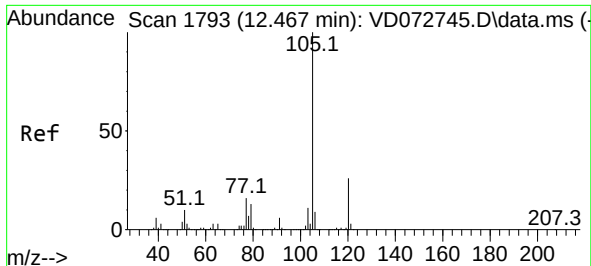
Tgt Ion:104 Resp: 46086
Ion Ratio Lower Upper
104 100
78 319.1 41.8 62.8#
103 275.8 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Tgt Ion:152 Resp: 239036
Ion Ratio Lower Upper
152 100
115 77.7 31.3 93.8
150 152.3 0.0 348.6

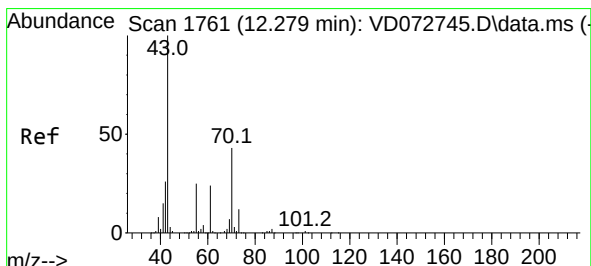
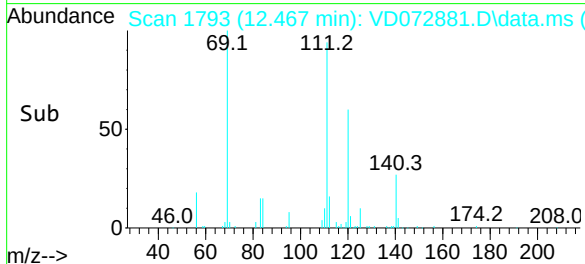
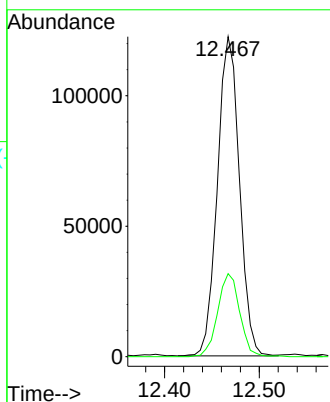
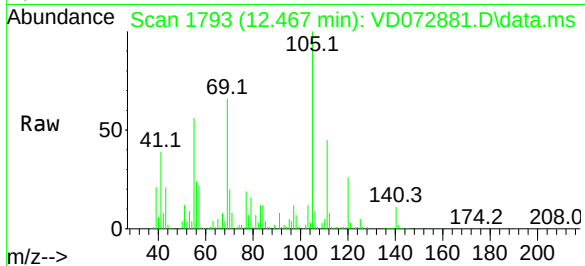




#73
Isopropylbenzene
Concen: 10.645 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

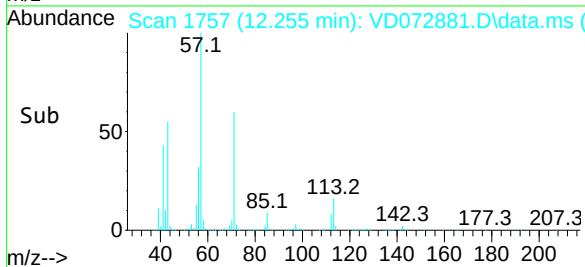
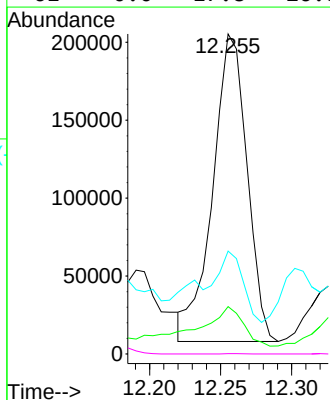
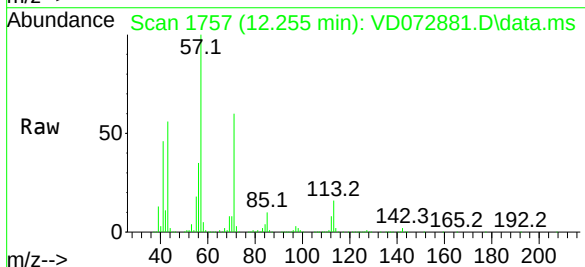
Instrument :
MSVOA_D
ClientSampleId :
TRE-1284

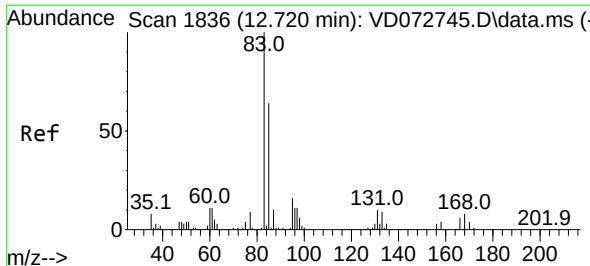
Tgt Ion:105 Resp: 197973
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 71.518 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.024 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Tgt Ion: 43 Resp: 331230
Ion Ratio Lower Upper
43 100
70 18.2 31.3 46.9#
55 18.2 20.0 30.0#
61 0.0 17.8 26.8#

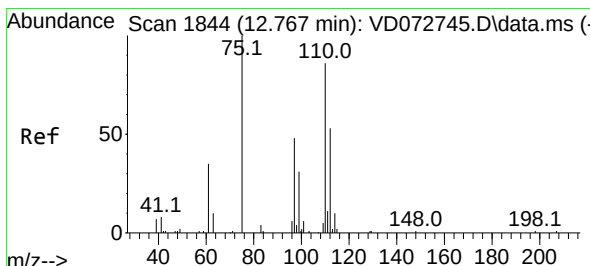
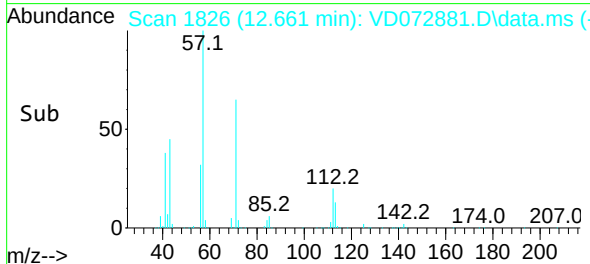
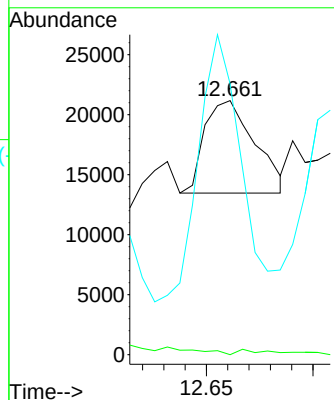
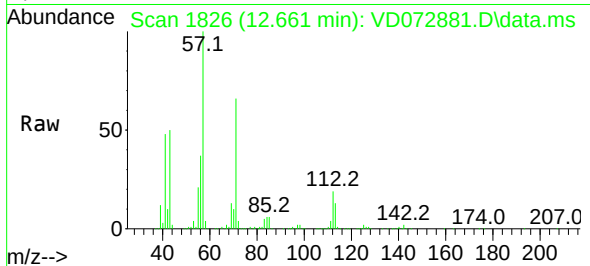




#75
 1,1,2,2-Tetrachloroethane
 Concen: 3.352 ug/l
 RT: 12.661 min Scan# 1826
 Delta R.T. -0.059 min
 Lab File: VD072881.D
 Acq: 07 May 2022 06:46

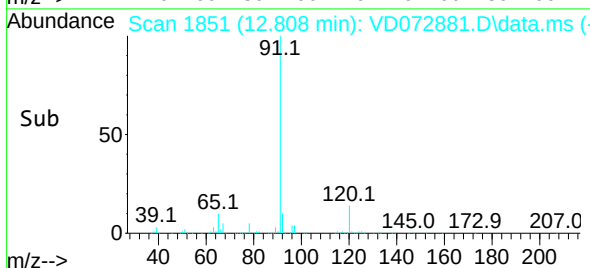
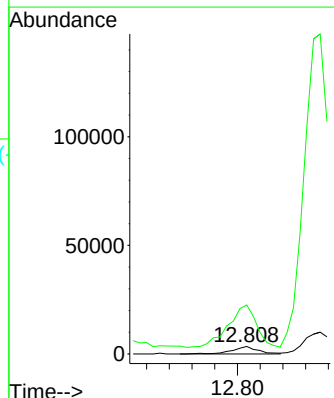
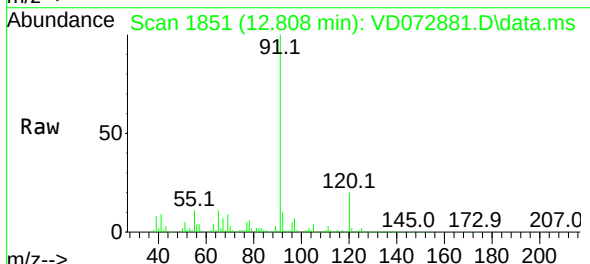
Instrument :
 MSVOA_D
 ClientSampleId :
 TRE-1284

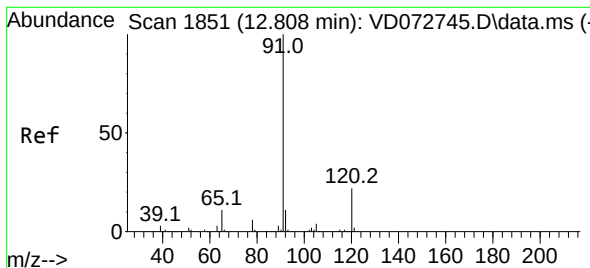
Tgt Ion: 83 Resp: 12583
 Ion Ratio Lower Upper
 83 100
 131 4.8 5.0 14.9#
 85 299.0 32.6 98.0#



#76
 1,2,3-Trichloropropane
 Concen: 2.018 ug/l
 RT: 12.808 min Scan# 1851
 Delta R.T. 0.041 min
 Lab File: VD072881.D
 Acq: 07 May 2022 06:46

Tgt Ion: 75 Resp: 5380
 Ion Ratio Lower Upper
 75 100
 77 629.3 0.0 0.0#





#78

n-propylbenzene

Concen: 31.286 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD072881.D

Acq: 07 May 2022 06:46

Instrument :

MSVOA_D

ClientSampleId :

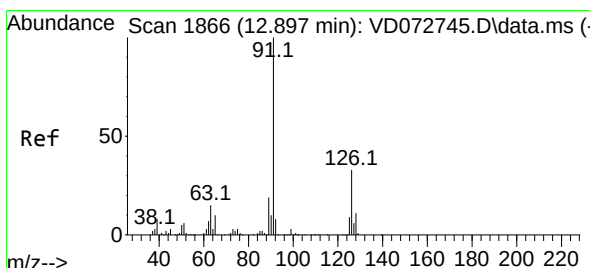
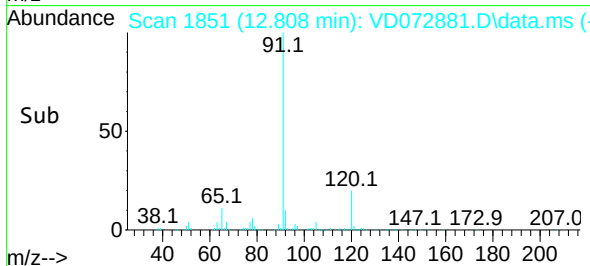
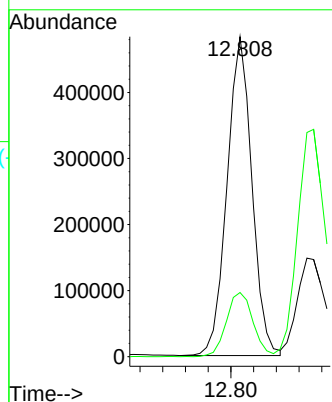
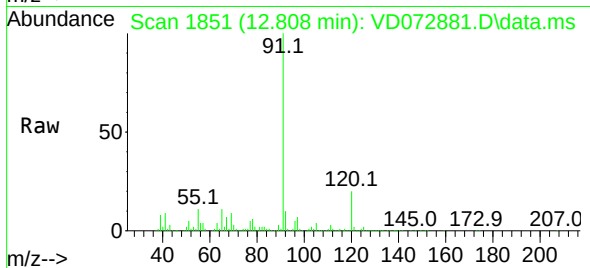
TRE-1284

Tgt Ion: 91 Resp: 733328

Ion Ratio Lower Upper

91 100

120 21.6 10.9 32.9



#79

2-Chlorotoluene

Concen: 16.717 ug/l

RT: 12.867 min Scan# 1861

Delta R.T. -0.030 min

Lab File: VD072881.D

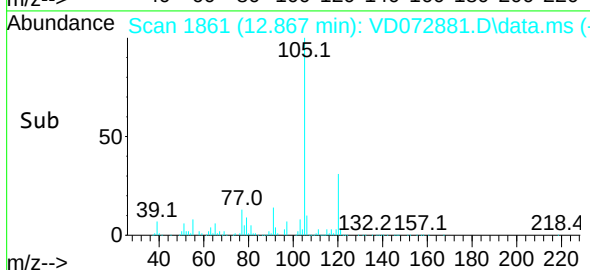
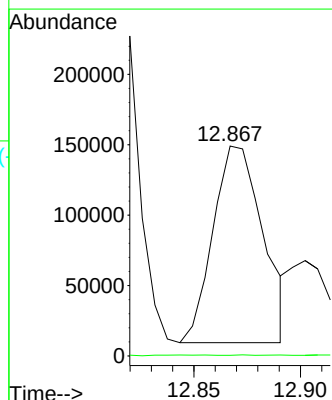
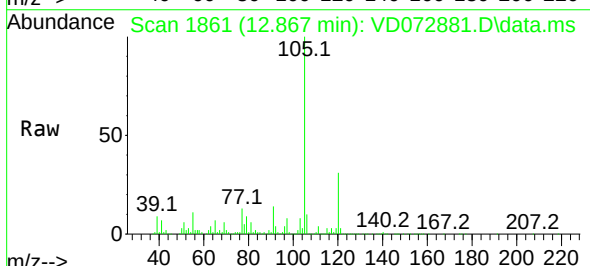
Acq: 07 May 2022 06:46

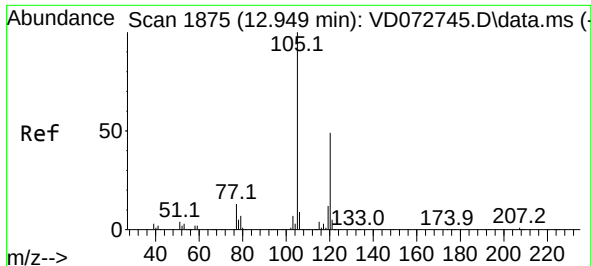
Tgt Ion: 91 Resp: 228891

Ion Ratio Lower Upper

91 100

126 0.4 16.2 48.6#

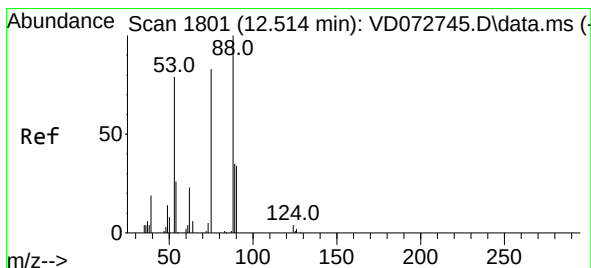
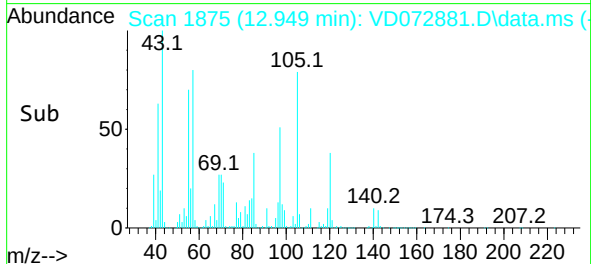
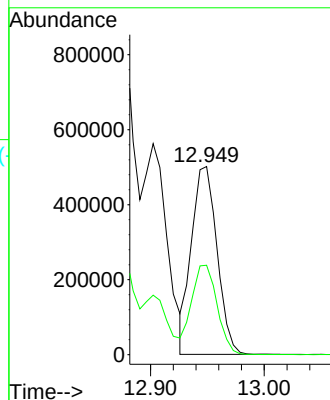
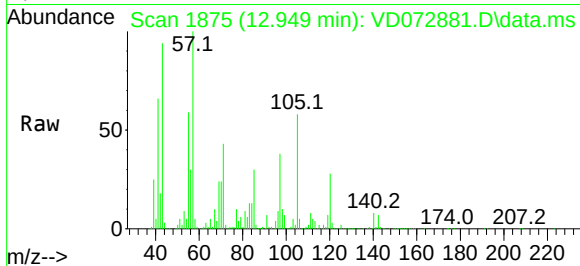




#80
 1,3,5-Trimethylbenzene
 Concen: 49.704 ug/l
 RT: 12.949 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VD072881.D
 Acq: 07 May 2022 06:46

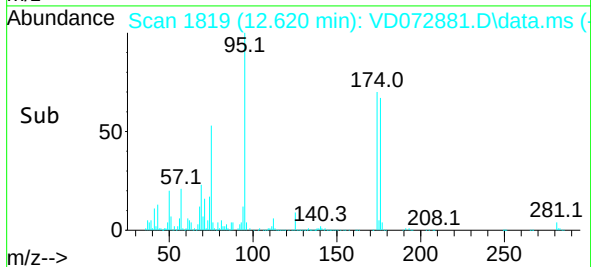
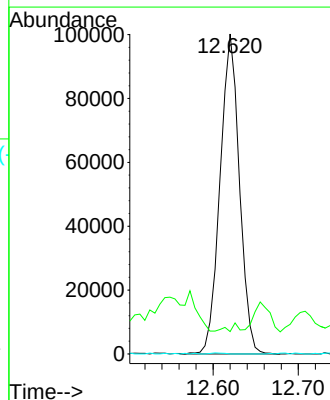
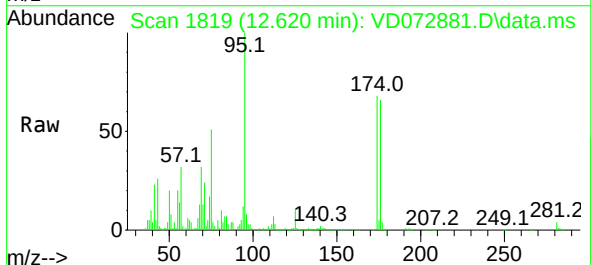
Instrument :
 MSVOA_D
 ClientSampleId :
 TRE-1284

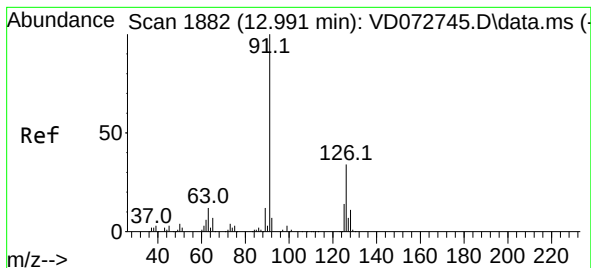
Tgt Ion:105 Resp: 783804
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.403 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD072881.D
 Acq: 07 May 2022 06:46

Tgt Ion: 75 Resp: 158102
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#





#82

4-Chlorotoluene

Concen: 6.710 ug/l

RT: 12.949 min Scan# 11

Delta R.T. -0.042 min

Lab File: VD072881.D

Acq: 07 May 2022 06:46

Instrument :

MSVOA_D

ClientSampleId :

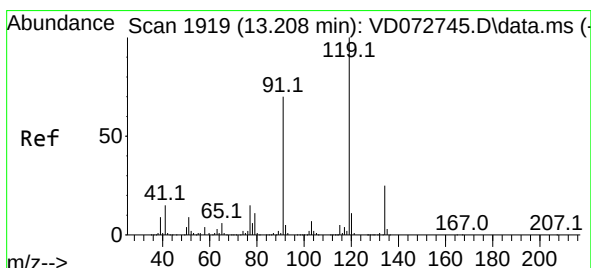
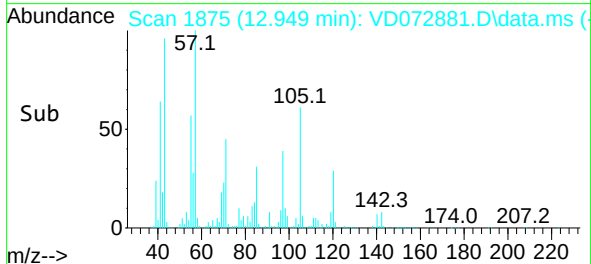
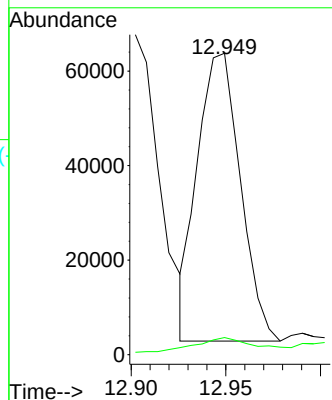
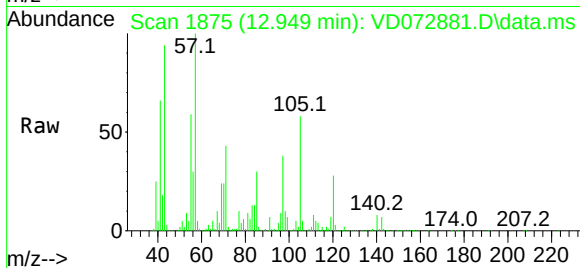
TRE-1284

Tgt Ion: 91 Resp: 95995

Ion Ratio Lower Upper

91 100

126 7.3 16.5 49.5#



#83

tert-Butylbenzene

Concen: 27.074 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.047 min

Lab File: VD072881.D

Acq: 07 May 2022 06:46

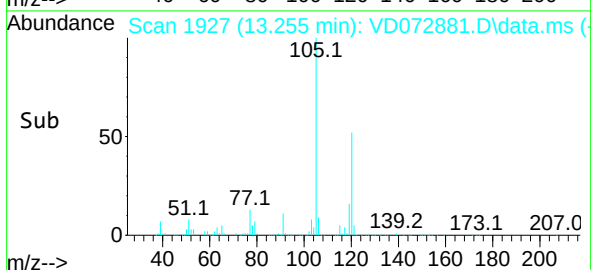
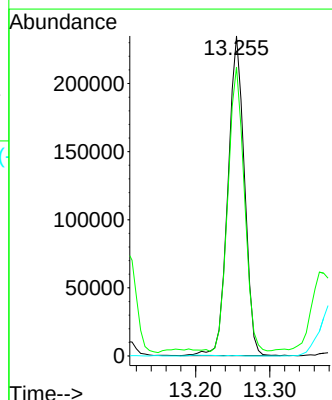
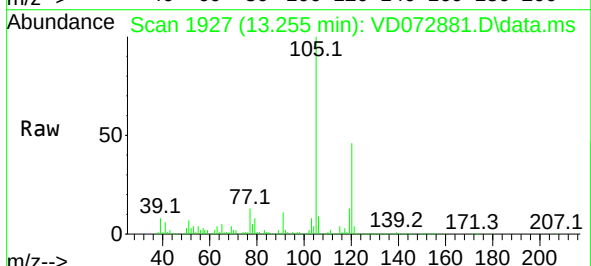
Tgt Ion: 119 Resp: 362983

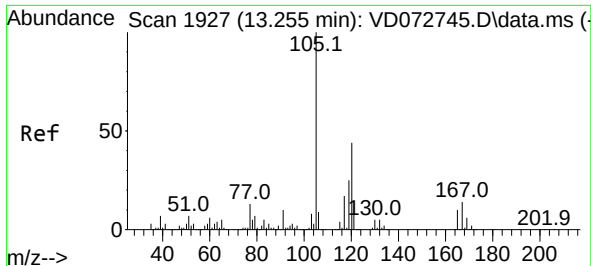
Ion Ratio Lower Upper

119 100

91 88.5 34.8 104.5

134 0.0 13.3 39.9#

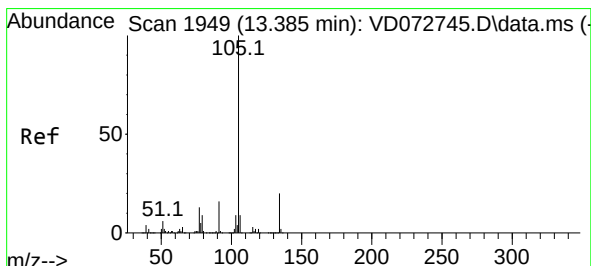
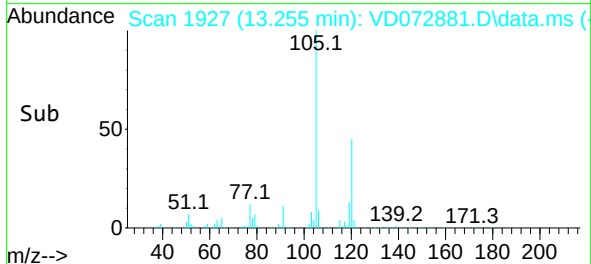
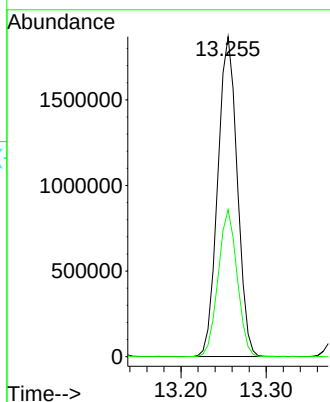
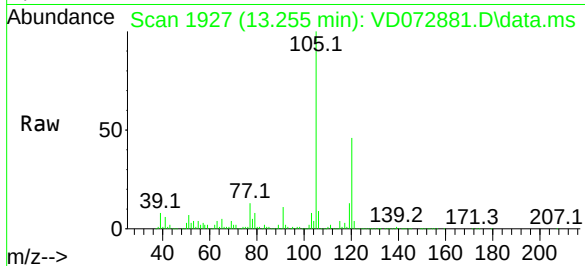




#84
1,2,4-Trimethylbenzene
Concen: 188.420 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

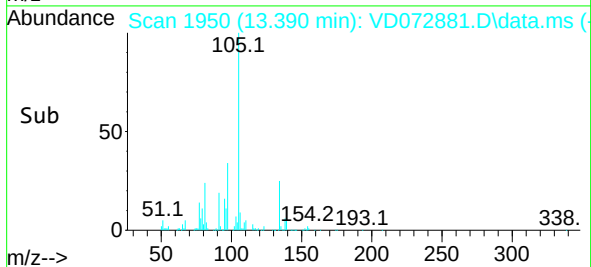
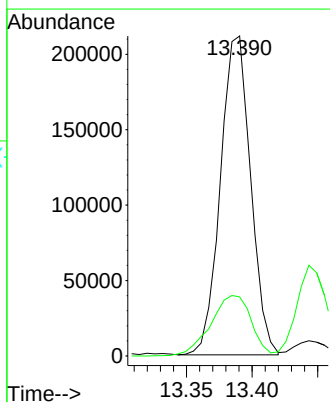
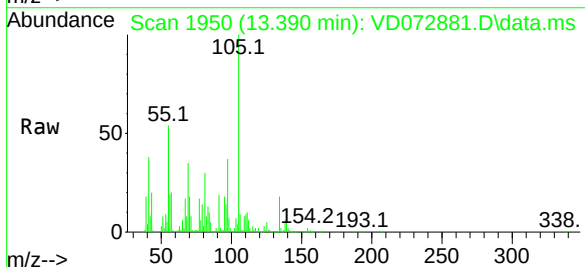
Instrument :
MSVOA_D
ClientSampleId :
TRE-1284

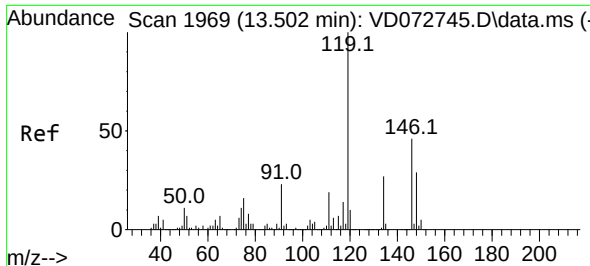
Tgt Ion:105 Resp: 2970003
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.8



#85
sec-Butylbenzene
Concen: 16.749 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. 0.005 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Tgt Ion:105 Resp: 338681
Ion Ratio Lower Upper
105 100
134 25.4 9.8 29.3

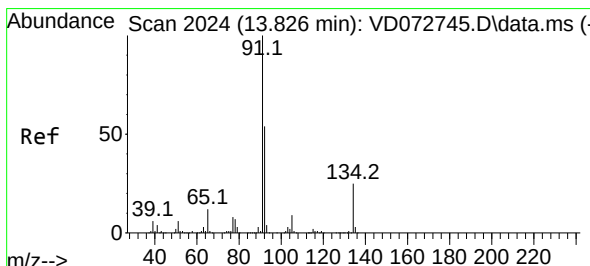
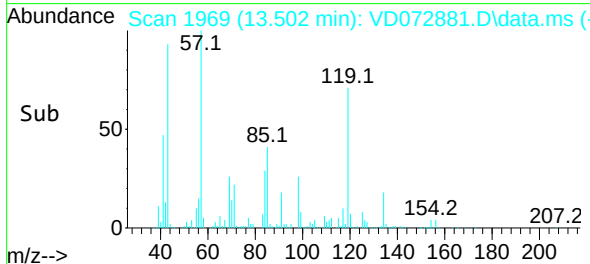
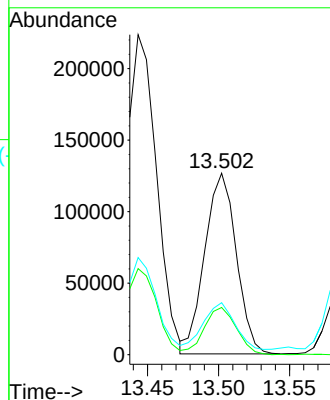
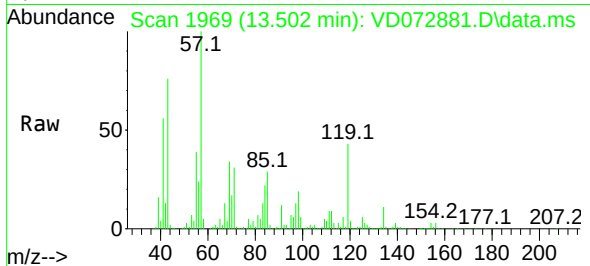




#86
p-Isopropyltoluene
Concen: 11.776 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

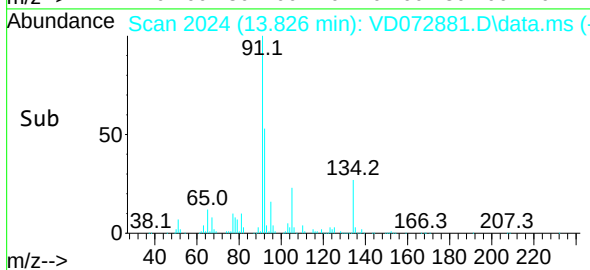
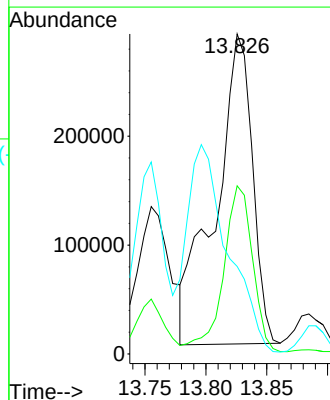
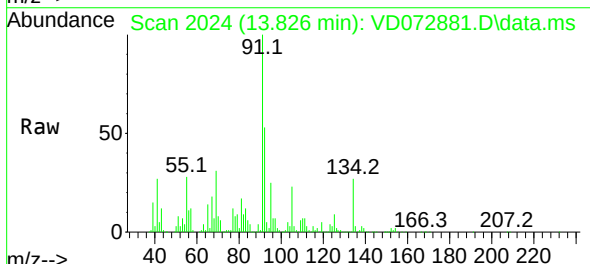
Instrument :
MSVOA_D
ClientSampleId :
TRE-1284

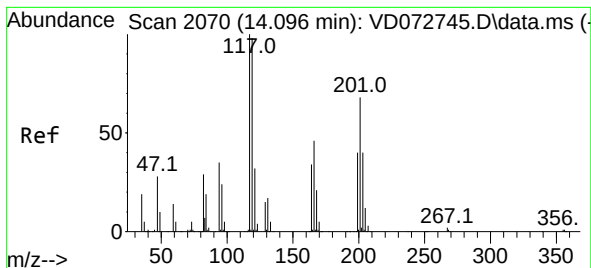
Tgt Ion:119 Resp: 195240
Ion Ratio Lower Upper
119 100
134 26.7 12.9 38.6
91 25.5 12.1 36.3



#89
n-Butylbenzene
Concen: 37.450 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Tgt Ion: 91 Resp: 601444
Ion Ratio Lower Upper
91 100
92 42.0 26.6 79.8
134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 20.239 ug/l

RT: 14.102 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VD072881.D

Acq: 07 May 2022 06:46

Instrument :

MSVOA_D

ClientSampleId :

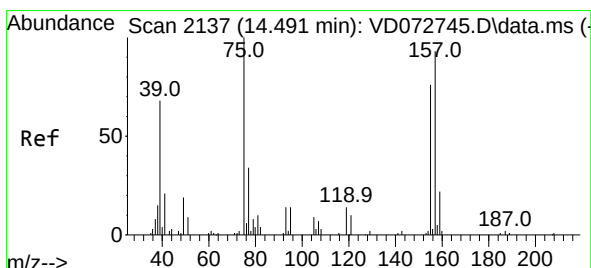
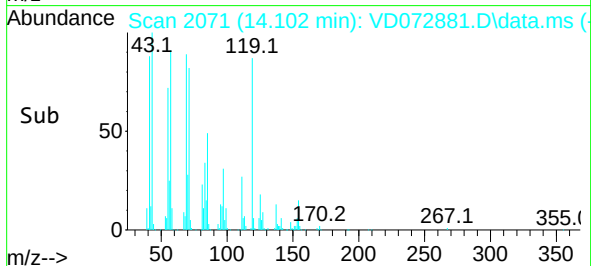
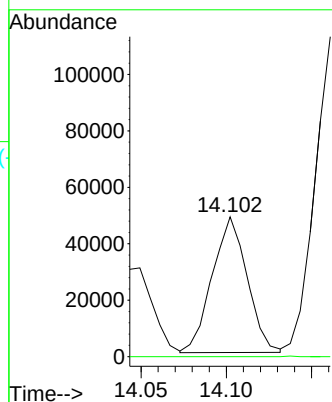
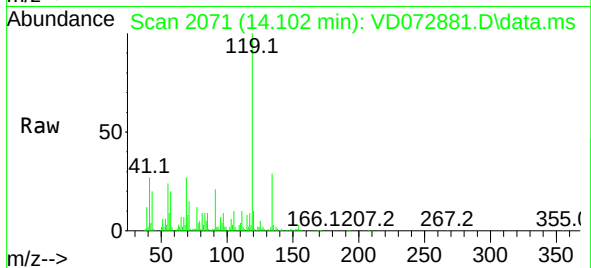
TRE-1284

Tgt Ion:117 Resp: 68740

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.253 ug/l

RT: 14.502 min Scan# 2139

Delta R.T. 0.011 min

Lab File: VD072881.D

Acq: 07 May 2022 06:46

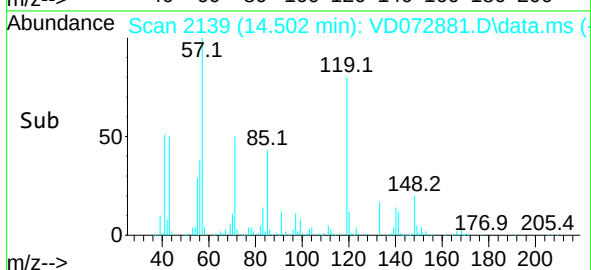
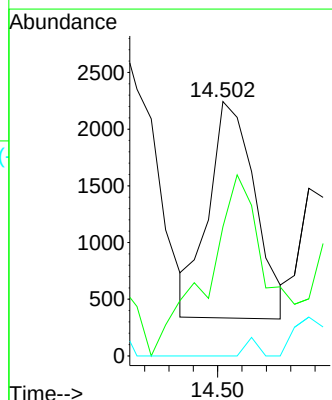
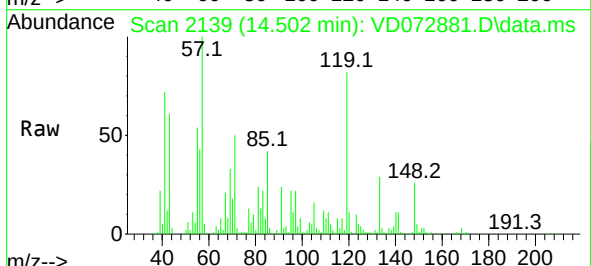
Tgt Ion: 75 Resp: 2531

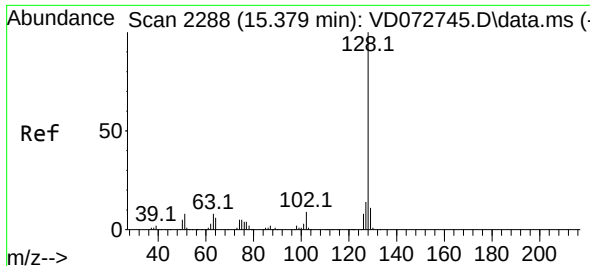
Ion Ratio Lower Upper

75 100

155 106.6 36.8 110.3

157 2.3 48.4 145.0#

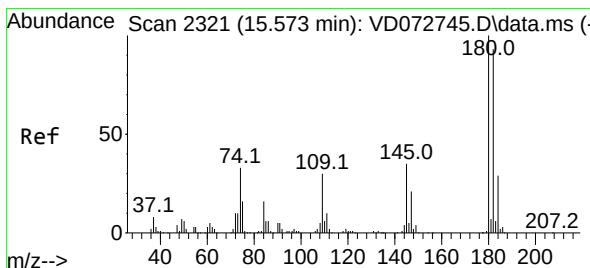
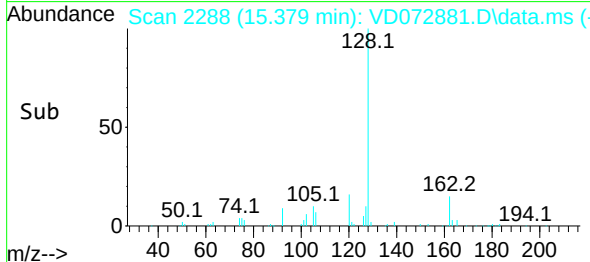
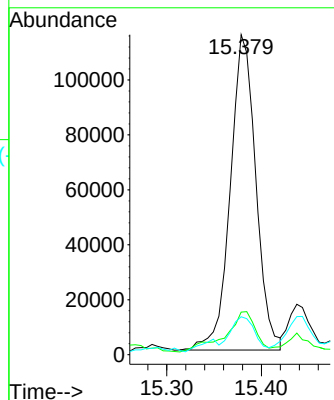
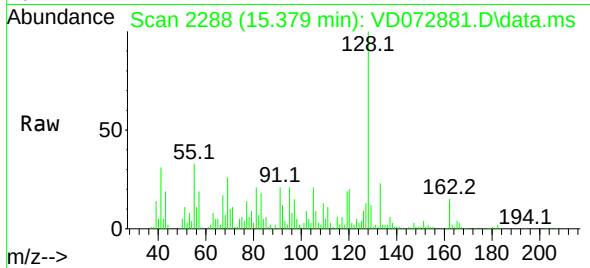




#95
Naphthalene
Concen: 25.504 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Instrument :
MSVOA_D
ClientSampleId :
TRE-1284

Tgt Ion:128 Resp: 215314
Ion Ratio Lower Upper
128 100
127 15.3 10.3 15.5
129 13.3 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 1.733 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.017 min
Lab File: VD072881.D
Acq: 07 May 2022 06:46

Tgt Ion:180 Resp: 7053
Ion Ratio Lower Upper
180 100
182 9.1 47.6 142.9#
145 1088.1 17.1 51.3#

