

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070844.D
 Acq On : 26 Oct 2021 17:03
 Operator : VA/SY
 Sample : M4341-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 27 06:22:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	20421	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	34742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	43328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.438	152	26501	50.000	ug/l	-0.12

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	17194	83.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.440%#	
35) Dibromofluoromethane	7.908	113	12070	52.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.380%	
50) Toluene-d8	10.338	98	56421	65.469	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 130.940%	
62) 4-Bromofluorobenzene	12.620	95	51082	179.646	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 359.300%#	

Target Compounds			Qvalue			
3) Chloromethane	2.197	50	1290	4.813	ug/l #	88
5) Bromomethane	2.785	94	1920	6.871	ug/l	100
10) Methyl Iodide	4.320	142	1450	9.047	ug/l #	47
16) Acetone	4.156	43	6576	137.622	ug/l	97
20) Methylene Chloride	4.973	84	545	Below Cal	#	26
23) Vinyl Acetate	6.467	43	80	14.638	ug/l #	72
25) 2-Butanone	7.214	43	2294	39.006	ug/l #	74
27) cis-1,2-Dichloroethene	7.209	96	21679	82.849	ug/l	91
29) Tetrahydrofuran	7.609	42	54	1.520	ug/l #	34
31) Cyclohexane	7.985	56	1211	2.894	ug/l #	85
36) 1,1-Dichloropropene	7.973	75	1881	5.175	ug/l #	41
37) Ethyl Acetate	7.214	43	2294	16.974	ug/l #	1
38) Carbon Tetrachloride	7.973	117	2121	5.803	ug/l #	12
39) Methylcyclohexane	9.355	83	19208	45.922	ug/l	92
41) Methacrylonitrile	7.538	41	78	1.091	ug/l #	12
43) Isopropyl Acetate	8.456	43	323	1.286	ug/l #	47
44) Trichloroethene	9.103	130	1303	4.772	ug/l	78
47) Bromodichloromethane	9.614	83	368	1.036	ug/l #	74
48) Methyl methacrylate	9.403	41	2562	21.344	ug/l #	58
51) 4-Methyl-2-Pentanone	10.114	43	39684	301.243	ug/l #	40
52) Toluene	10.397	92	15023	23.654	ug/l	95
55) 1,1,2-Trichloroethane	10.767	97	35901	184.281	ug/l #	22
56) Ethyl methacrylate	10.673	69	13009	54.245	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.979	63	131	1.414	ug/l #	49
59) 2-Hexanone	10.944	43	57210	608.356	ug/l #	27
60) Dibromochloromethane	10.944	129	640	2.738	ug/l #	11
61) 1,2-Dibromoethane	11.149	107	515	2.864	ug/l	96
65) Chlorobenzene	11.567	112	935	1.052	ug/l #	42
67) Ethyl Benzene	11.738	91	42476	27.440	ug/l	95
68) m/p-Xylenes	11.844	106	130470	216.464	ug/l	98
69) o-Xylene	12.173	106	87152	159.649	ug/l	94
70) Styrene	12.173	104	5590	5.913	ug/l #	1
73) Isopropylbenzene	12.467	105	41399	23.421	ug/l	94
74) N-amyl acetate	12.261	43	350087	900.529	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.655	83	7522	20.854	ug/l #	1
76) 1,2,3-Trichloropropane	12.808	75	884	3.389	ug/l #	1

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

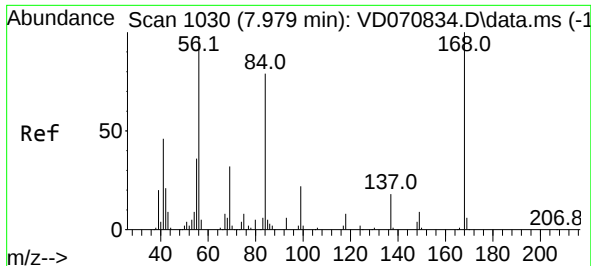
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	12.808	91	89132	39.285	ug/l	99
79) 2-Chlorotoluene	12.949	91	39838	30.241	ug/l	91
80) 1,3,5-Trimethylbenzene	12.949	105	245969	163.959	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.467	75	925	9.306	ug/l #	1
82) 4-Chlorotoluene	12.949	91	39000	28.487	ug/l	93
83) tert-Butylbenzene	13.261	119	73064	58.407	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.255	105	578284	390.966	ug/l	100
85) sec-Butylbenzene	13.391	105	98148	49.745	ug/l	87
86) p-Isopropyltoluene	13.508	119	86348	54.399	ug/l	99
89) n-Butylbenzene	13.832	91	70541	45.356	ug/l #	73
90) Hexachloroethane	14.108	117	28597	80.282	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.467	75	1060	20.171	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.149	180	4812	10.973	ug/l #	1
95) Naphthalene	15.379	128	24952	31.631	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.602	180	10523	27.616	ug/l #	18

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

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QLast Update : Wed Oct 27 05:34:47 2021
Response via : Initial Calibration

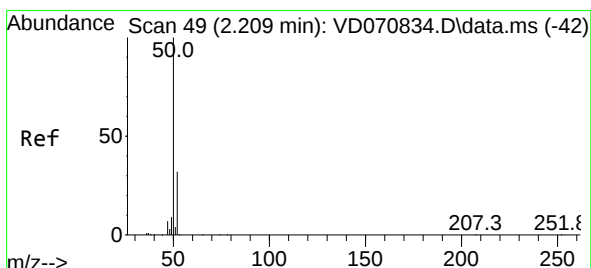
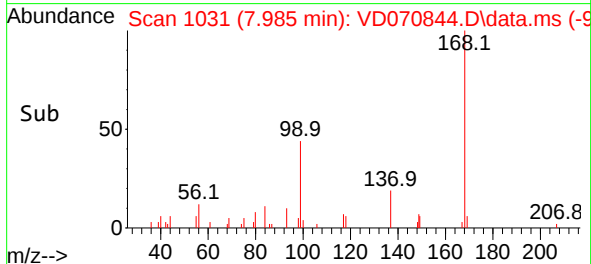
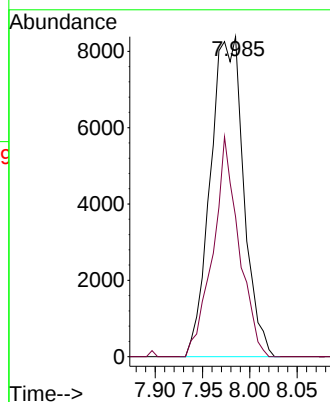
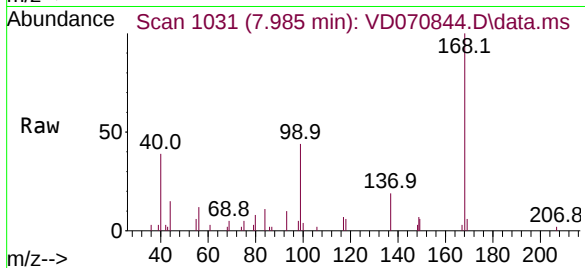




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

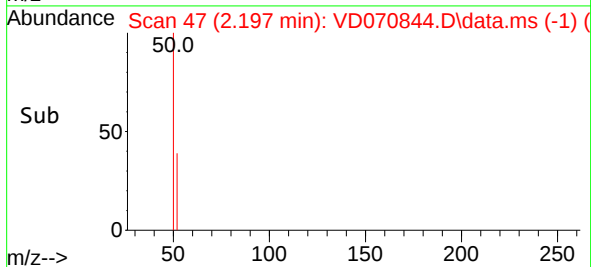
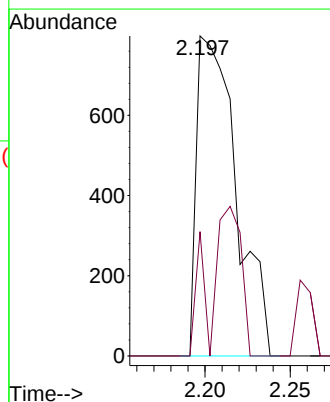
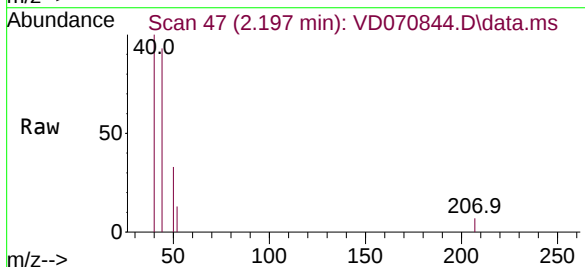
Instrument :
MSVOA_D
ClientSampleId :

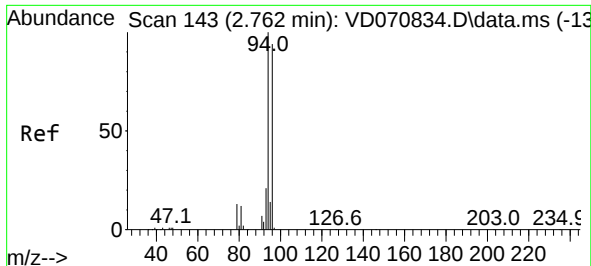
Tgt Ion:168 Resp: 20421
Ion Ratio Lower Upper
168 100
99 43.7 46.6 69.8#



#3
Chloromethane
Concen: 4.813 ug/l
RT: 2.197 min Scan# 47
Delta R.T. -0.012 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion: 50 Resp: 1290
Ion Ratio Lower Upper
50 100
52 38.8 25.8 38.8#

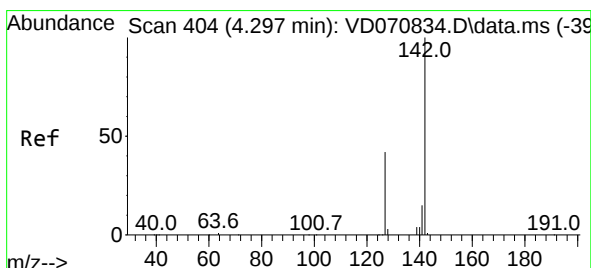
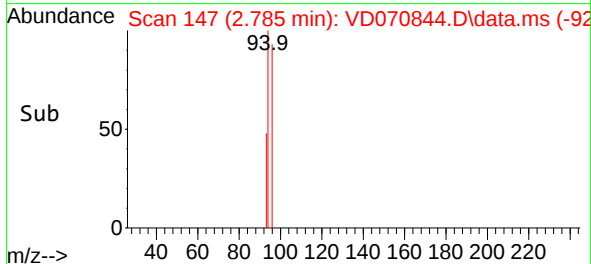
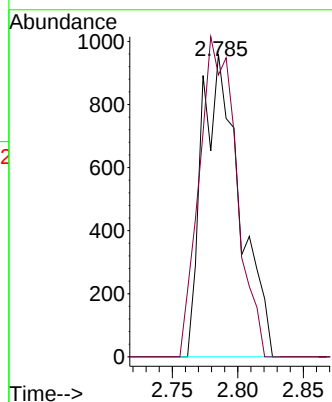
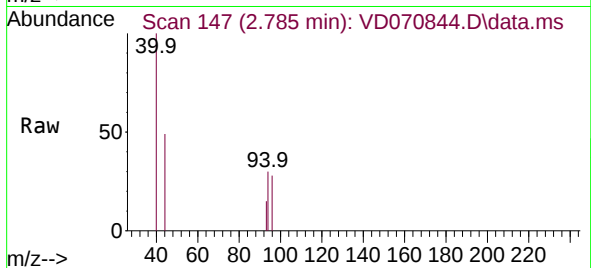




#5
Bromomethane
Concen: 6.871 ug/l
RT: 2.785 min Scan# 14
Delta R.T. 0.023 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

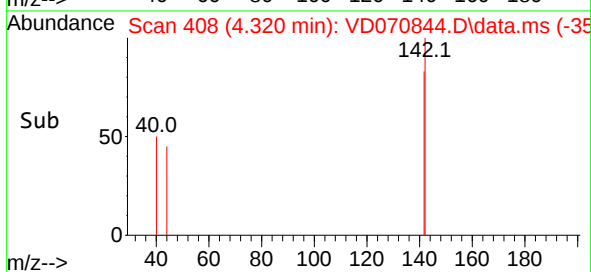
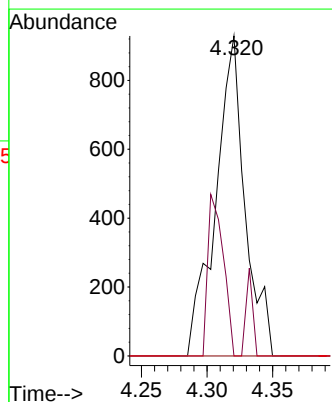
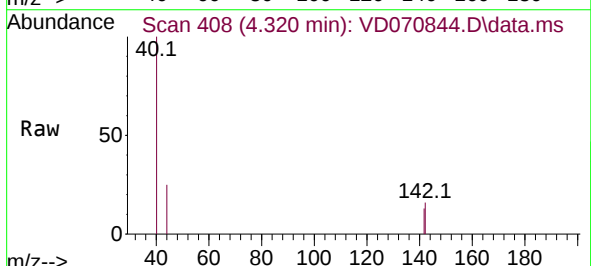
Instrument :
MSVOA_D
ClientSampleId :

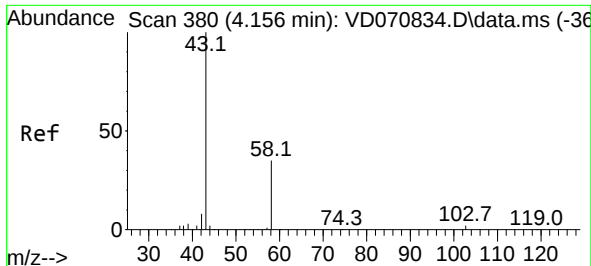
Tgt Ion: 94 Resp: 1920
Ion Ratio Lower Upper
94 100
96 93.2 74.8 112.2



#10
Methyl Iodide
Concen: 9.047 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.023 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion:142 Resp: 1450
Ion Ratio Lower Upper
142 100
127 6.2 35.0 52.4#
141 0.0 12.0 18.0#

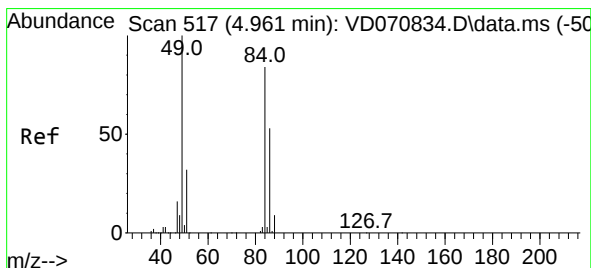
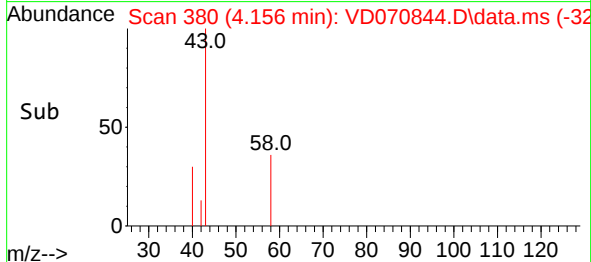
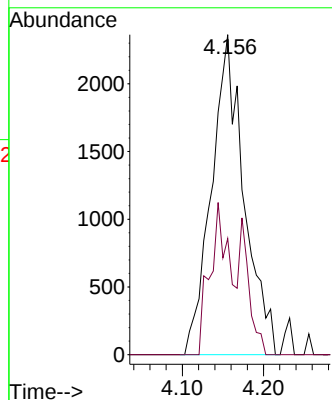
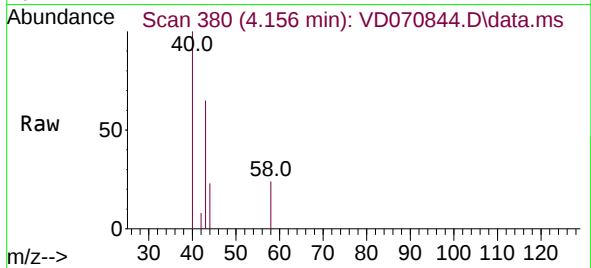




#16
Acetone
Concen: 137.622 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

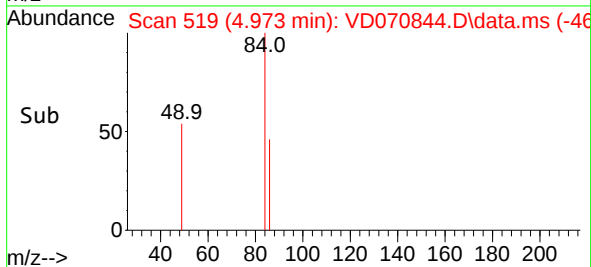
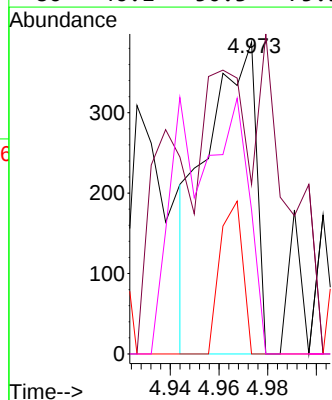
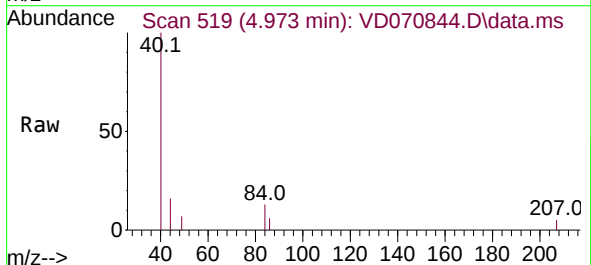
Instrument :
MSVOA_D
ClientSampleId :

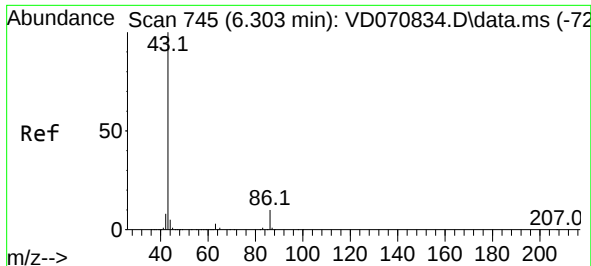
Tgt Ion: 43 Resp: 6576
Ion Ratio Lower Upper
43 100
58 36.3 27.8 41.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.012 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

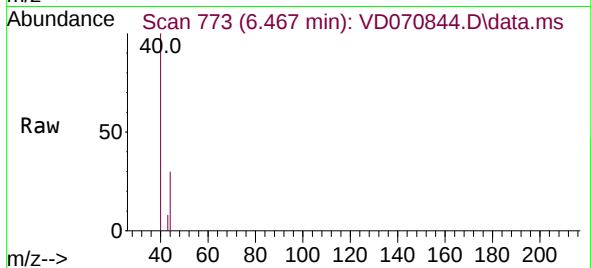
Tgt Ion: 84 Resp: 545
Ion Ratio Lower Upper
84 100
49 4.1 95.8 143.6#
51 0.0 30.9 46.3#
86 46.1 50.3 75.5#



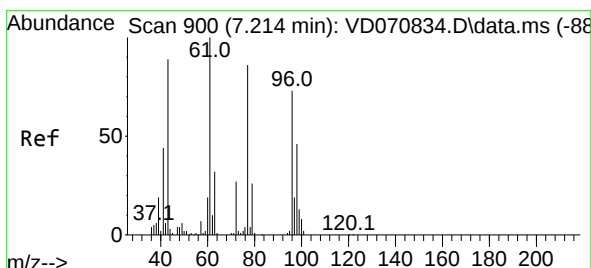
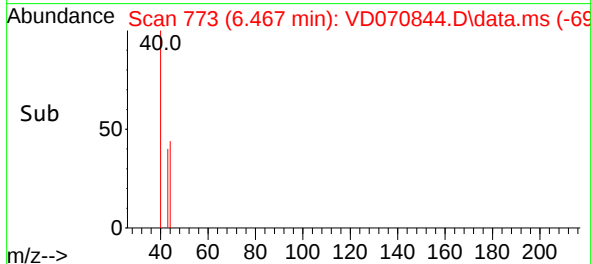
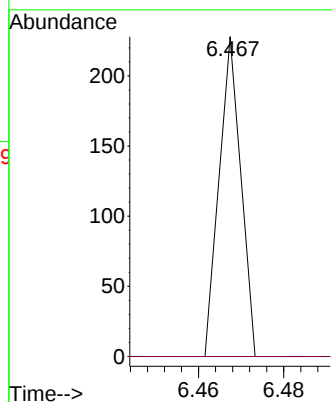


#23
 Vinyl Acetate
 Concen: 14.638 ug/l
 RT: 6.467 min Scan# 71
 Delta R.T. 0.164 min
 Lab File: VD070844.D
 Acq: 26 Oct 2021 17:03

Instrument :
 MSVOA_D
 ClientSampleId :

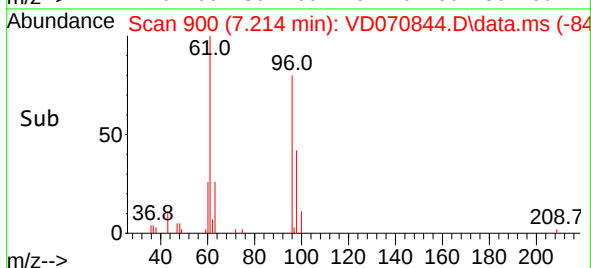
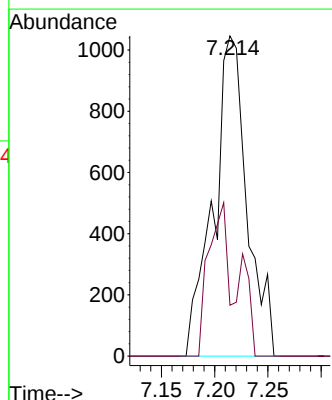
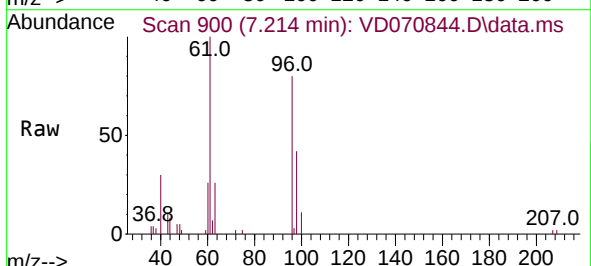


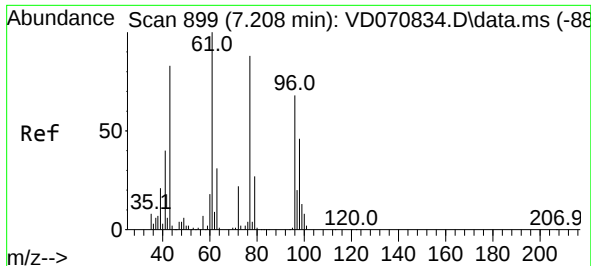
Tgt Ion: 43 Resp: 80
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 39.006 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.000 min
 Lab File: VD070844.D
 Acq: 26 Oct 2021 17:03

Tgt Ion: 43 Resp: 2294
 Ion Ratio Lower Upper
 43 100
 72 15.9 23.8 35.6#





#27

cis-1,2-Dichloroethene

Concen: 82.849 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.000 min

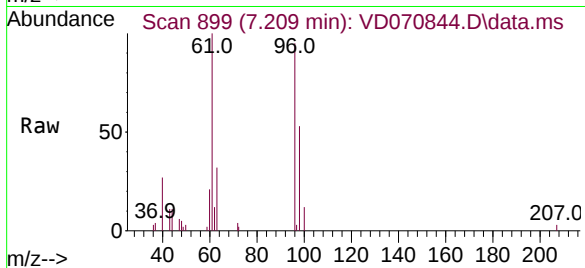
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Acq: 26 Oct 2021 17:03

Instrument :

MSVOA_D

ClientSampleId :



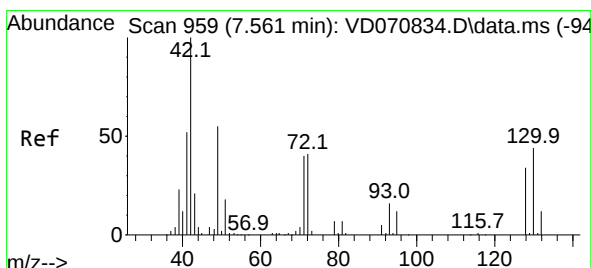
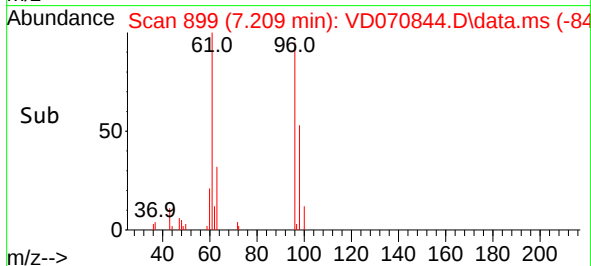
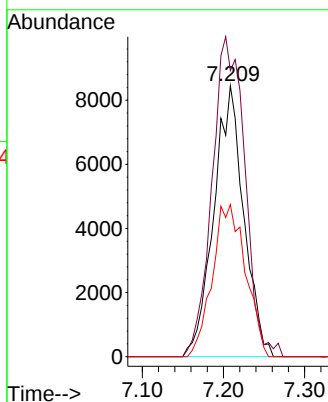
Tgt Ion: 96 Resp: 21679

Ion Ratio Lower Upper

96 100

61 128.9 0.0 288.6

98 62.4 0.0 129.2



#29

Tetrahydrofuran

Concen: 1.520 ug/l

RT: 7.609 min Scan# 967

Delta R.T. 0.047 min

Lab File: VD070844.D

Acq: 26 Oct 2021 17:03

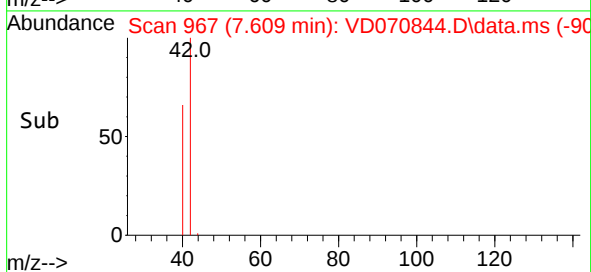
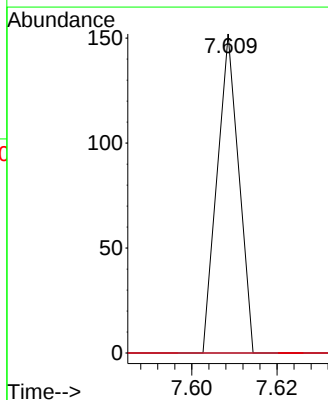
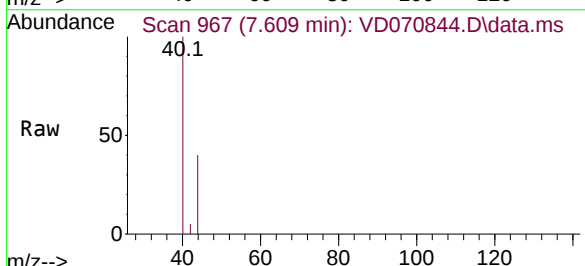
Tgt Ion: 42 Resp: 54

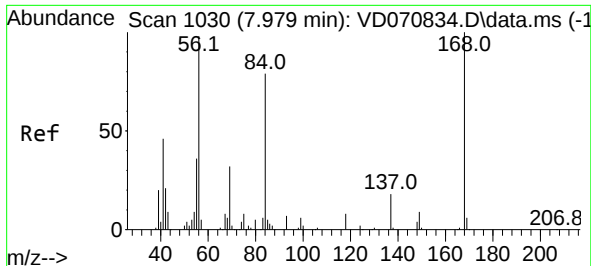
Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

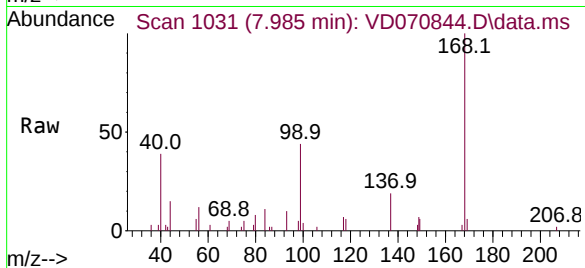
71 0.0 32.7 49.1#



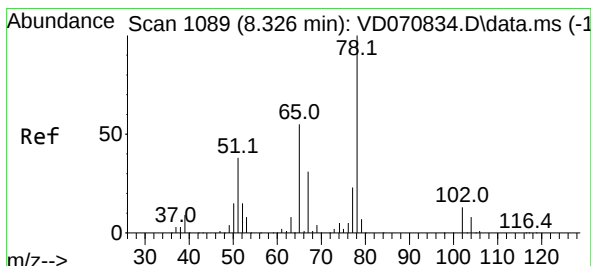
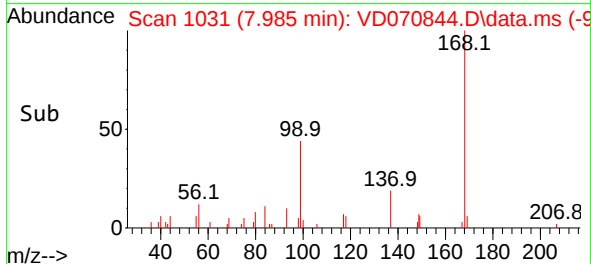
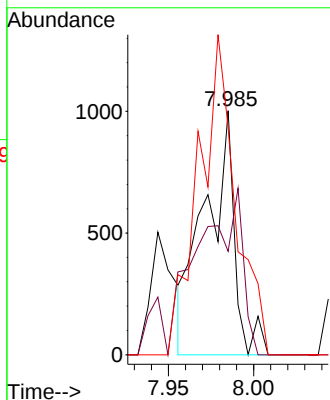


#31
Cyclohexane
Concen: 2.894 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Instrument :
MSVOA_D
ClientSampleId :

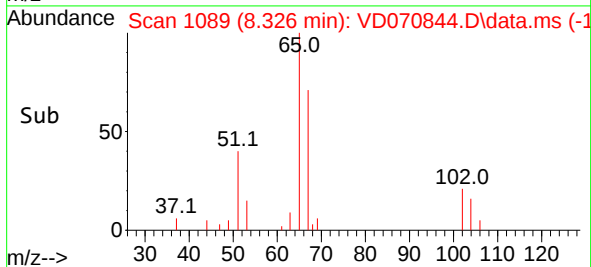
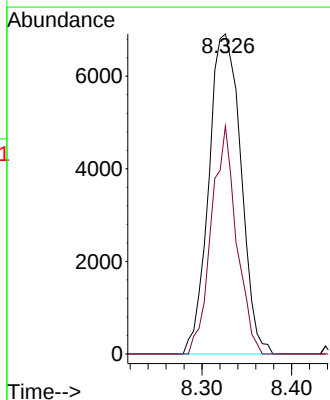
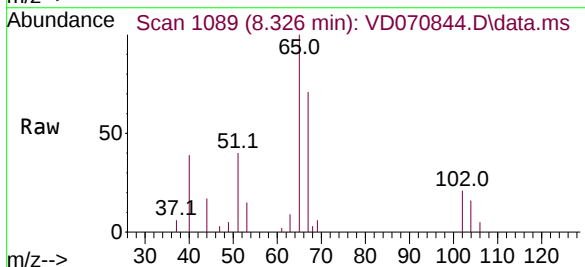


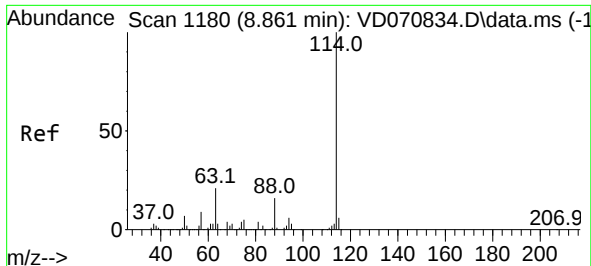
Tgt Ion: 56 Resp: 1211
Ion Ratio Lower Upper
56 100
69 42.4 25.9 38.9#
84 93.1 64.3 96.5



#33
1,2-Dichloroethane-d4
Concen: 83.716 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion: 65 Resp: 17194
Ion Ratio Lower Upper
65 100
67 55.8 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070844.D

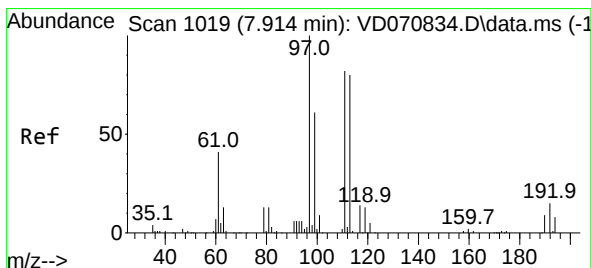
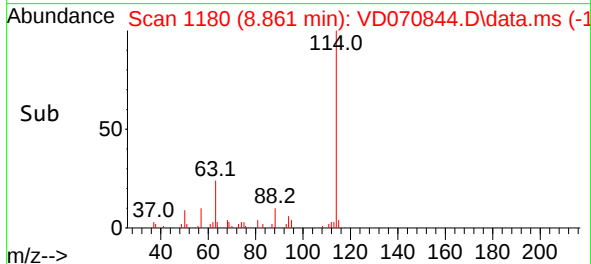
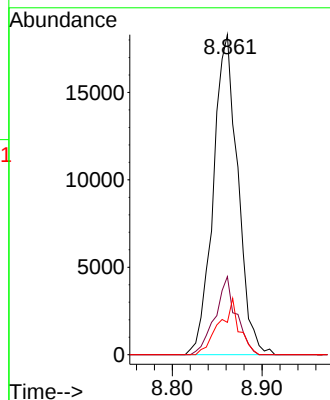
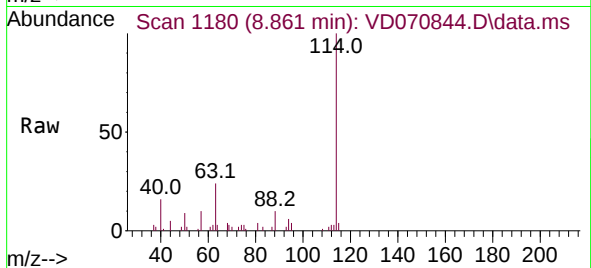
Acq: 26 Oct 2021 17:03

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	34742
Ion	Ratio	Lower Upper
114	100	
63	24.4	0.0 41.8
88	10.1	0.0 32.8



#35

Dibromofluoromethane

Concen: 52.691 ug/l

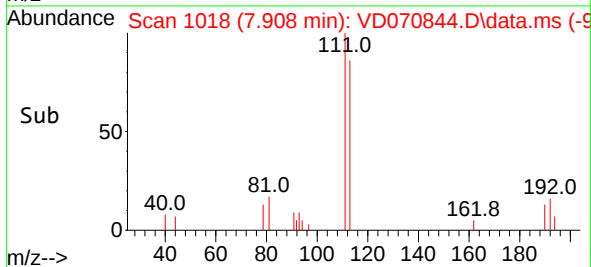
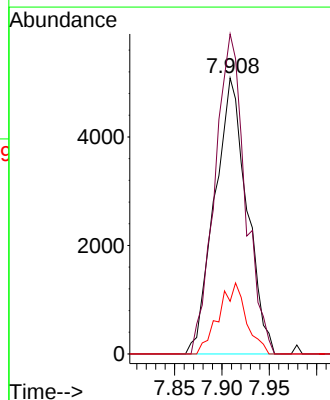
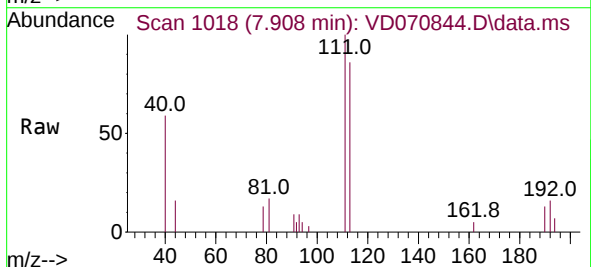
RT: 7.908 min Scan# 1018

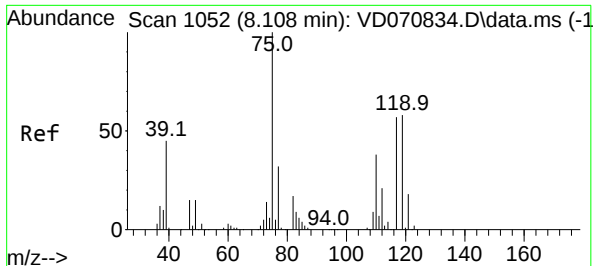
Delta R.T. -0.006 min

Lab File: VD070844.D

Acq: 26 Oct 2021 17:03

Tgt Ion:113	Resp:	12070
Ion	Ratio	Lower Upper
113	100	
111	108.8	82.0 123.0
192	21.9	15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.175 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

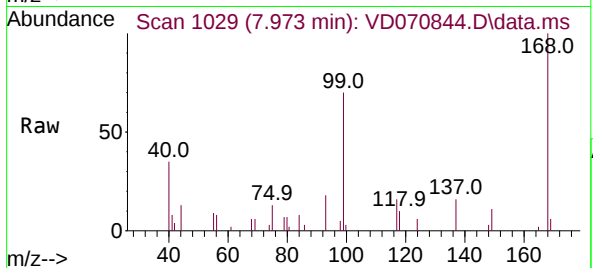
Lab File: VD070844.D

Acq: 26 Oct 2021 17:03

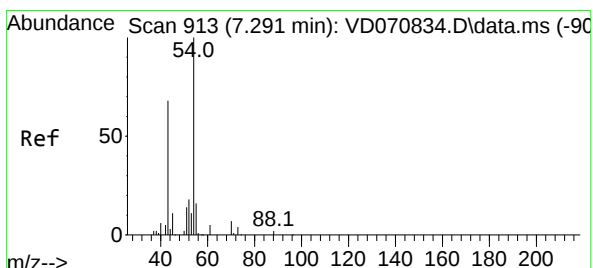
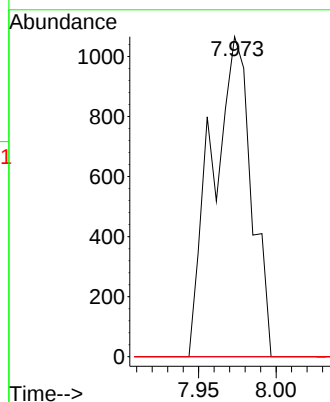
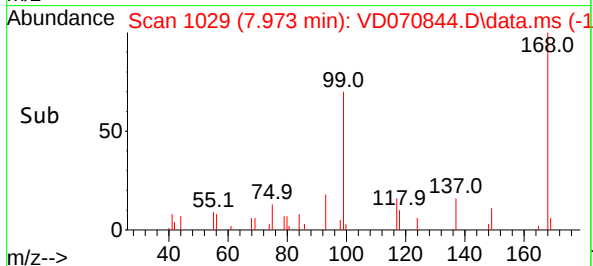
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	1881
Ion Ratio	Lower	Upper	
75	100		
110	0.0	17.8	53.4#
77	0.0	24.8	37.2#



#37

Ethyl Acetate

Concen: 16.974 ug/l

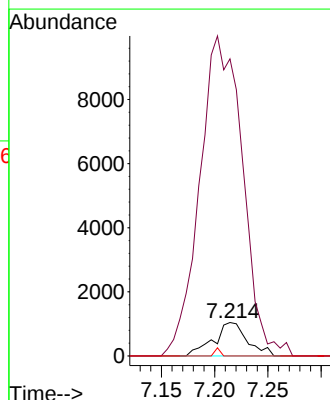
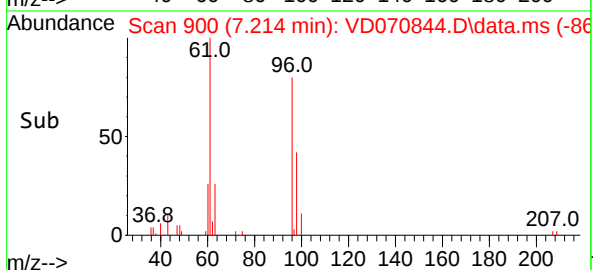
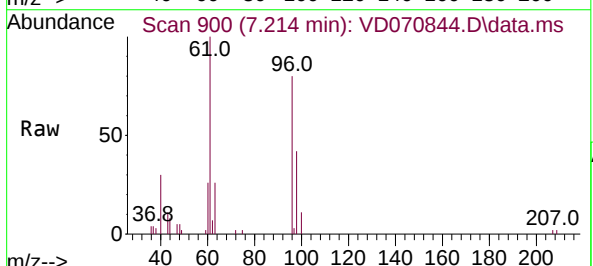
RT: 7.214 min Scan# 900

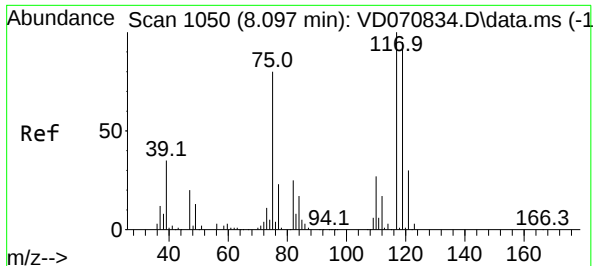
Delta R.T. -0.076 min

Lab File: VD070844.D

Acq: 26 Oct 2021 17:03

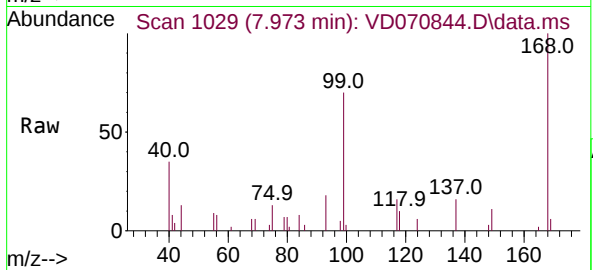
Tgt Ion:	43	Resp:	2294
Ion Ratio	Lower	Upper	
43	100		
61	1218.1	13.0	19.6#
70	4.0	8.7	13.1#



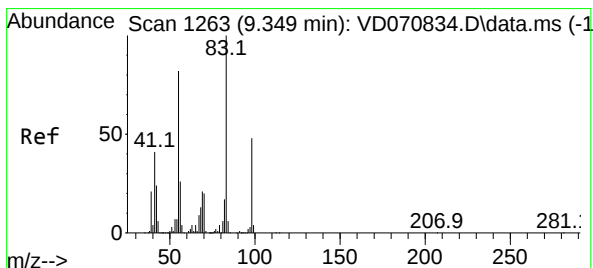
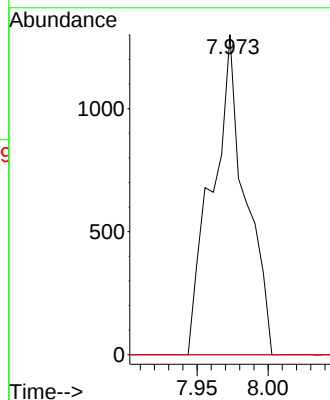
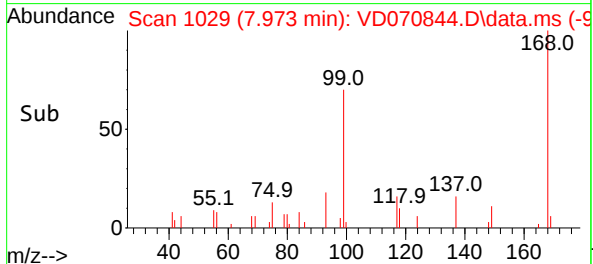


#38
Carbon Tetrachloride
Concen: 5.803 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.123 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

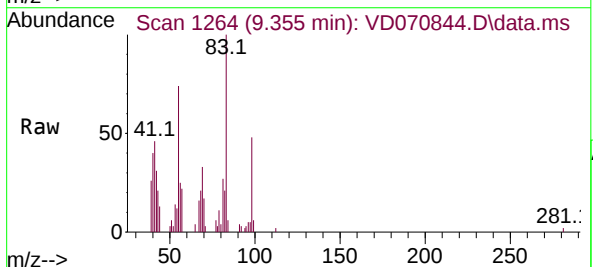
Instrument :
MSVOA_D
ClientSampleId :



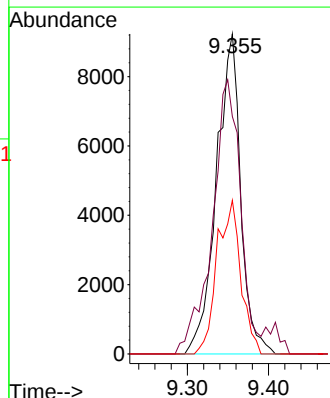
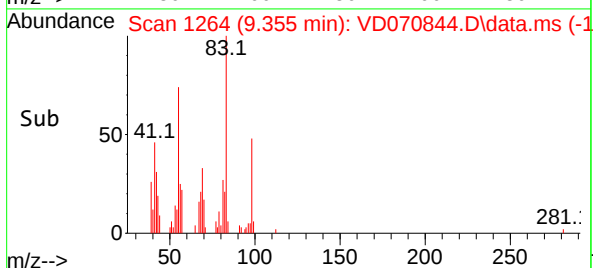
Tgt Ion:117 Resp: 2121
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 23.6 35.4#

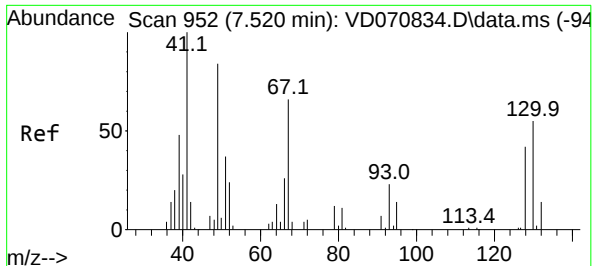


#39
Methylcyclohexane
Concen: 45.922 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03



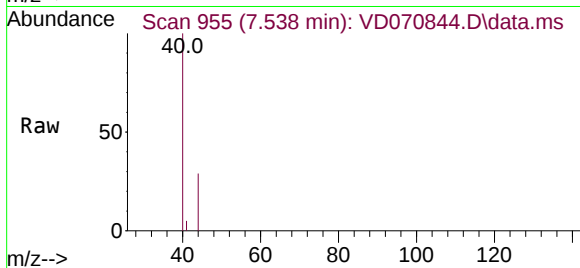
Tgt Ion: 83 Resp: 19208
Ion Ratio Lower Upper
83 100
55 70.8 65.8 98.8
98 48.0 38.7 58.1



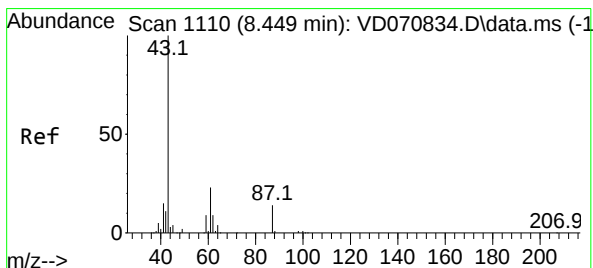
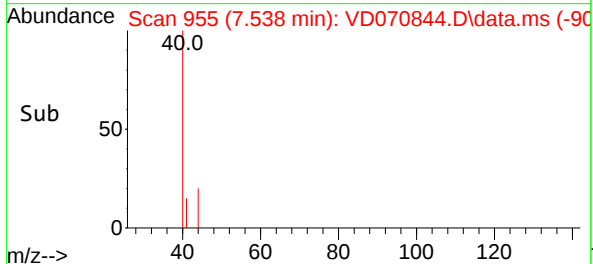
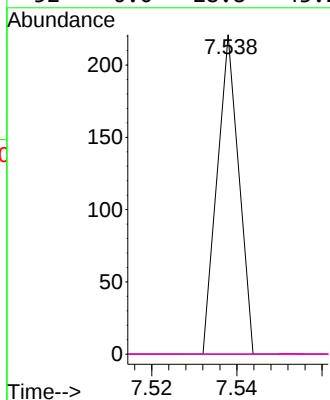


#41
Methacrylonitrile
Concen: 1.091 ug/l
RT: 7.538 min Scan# 911
Delta R.T. 0.018 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Instrument :
MSVOA_D
ClientSampleId :

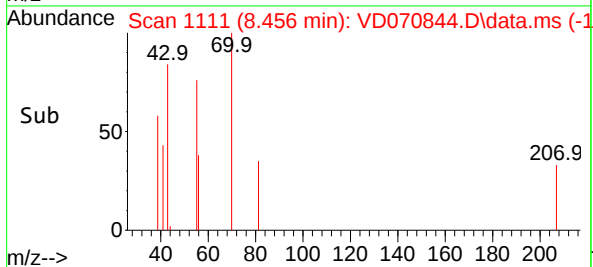
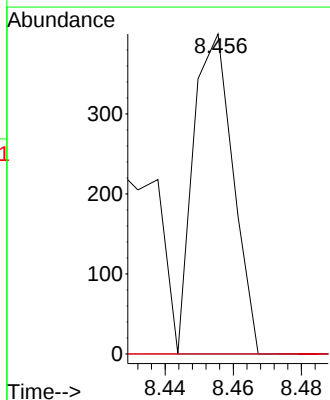
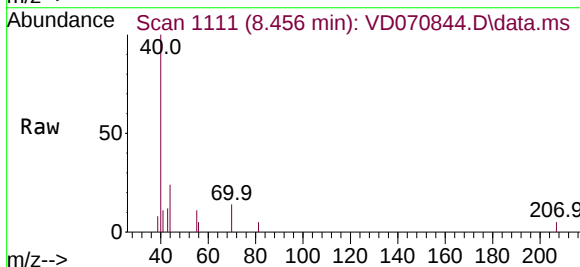


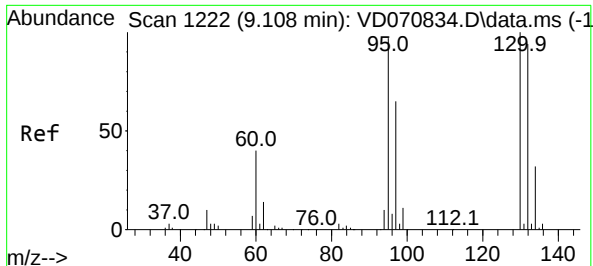
Tgt Ion:	41	Resp:	78
Ion	Ratio	Lower	Upper
41	100		
39	0.0	60.2	90.4#
67	0.0	74.8	112.2#
52	0.0	28.8	43.2#



#43
Isopropyl Acetate
Concen: 1.286 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion:	43	Resp:	323
Ion	Ratio	Lower	Upper
43	100		
61	0.0	28.2	42.4#
87	0.0	10.7	16.1#

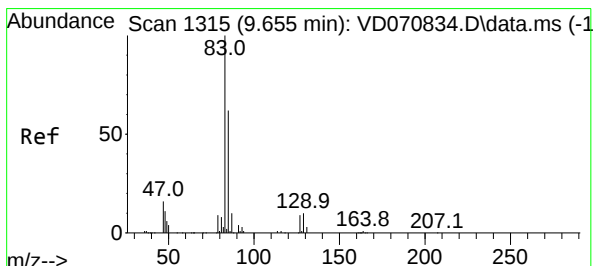
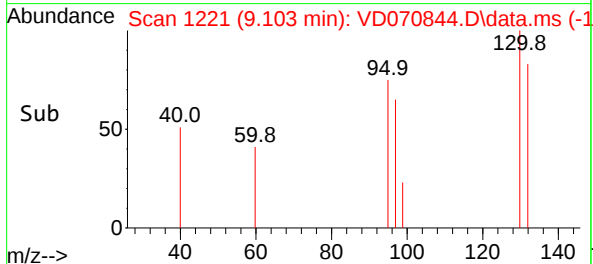
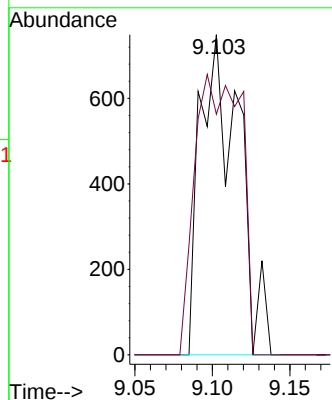
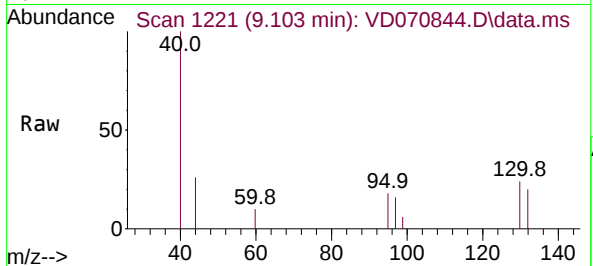




#44
 Trichloroethene
 Concen: 4.772 ug/l
 RT: 9.103 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD070844.D
 Acq: 26 Oct 2021 17:03

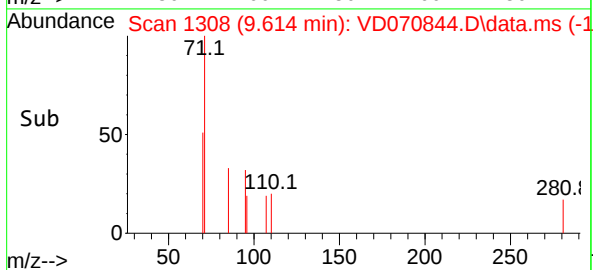
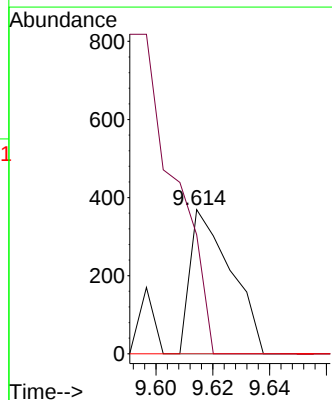
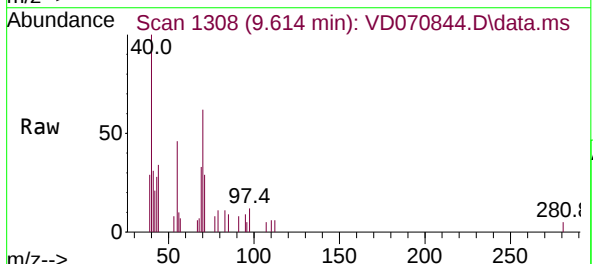
Instrument :
 MSVOA_D
 ClientSampleId :

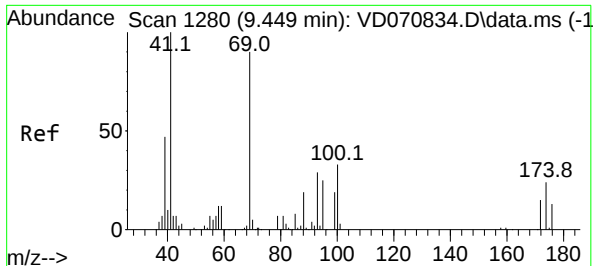
Tgt Ion:130 Resp: 1303
 Ion Ratio Lower Upper
 130 100
 95 75.2 0.0 193.2



#47
 Bromodichloromethane
 Concen: 1.036 ug/l
 RT: 9.614 min Scan# 1308
 Delta R.T. -0.041 min
 Lab File: VD070844.D
 Acq: 26 Oct 2021 17:03

Tgt Ion: 83 Resp: 368
 Ion Ratio Lower Upper
 83 100
 85 82.7 50.0 75.0#
 127 0.0 7.3 10.9#





#48

Methyl methacrylate

Concen: 21.344 ug/l

RT: 9.403 min Scan# 11

Delta R.T. -0.047 min

Lab File: VD070844.D

Acq: 26 Oct 2021 17:03

Instrument :

MSVOA_D

ClientSampleId :

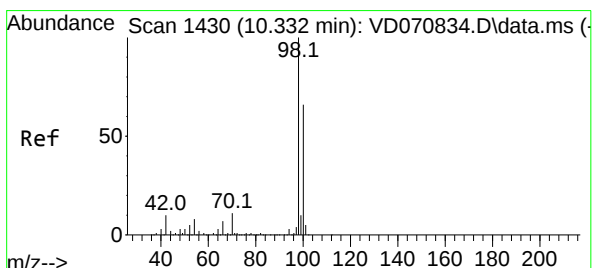
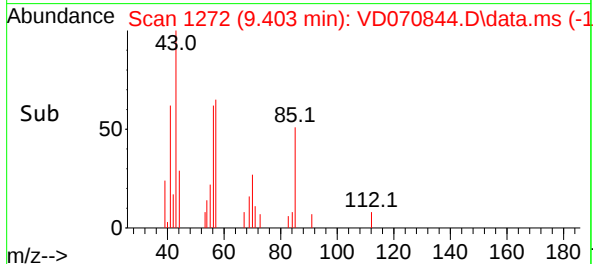
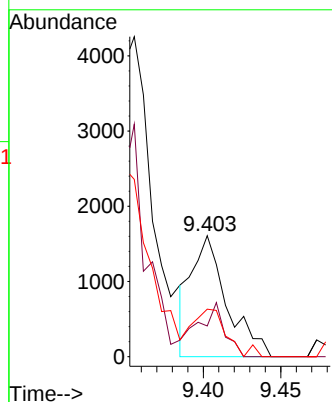
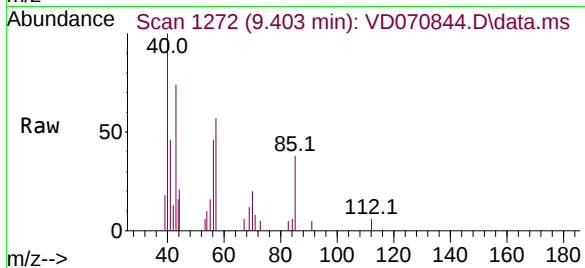
Tgt Ion: 41 Resp: 2562

Ion Ratio Lower Upper

41 100

69 33.4 69.8 104.6#

39 38.5 35.6 53.4



#50

Toluene-d8

Concen: 65.469 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD070844.D

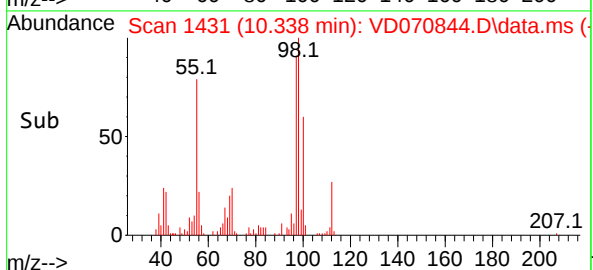
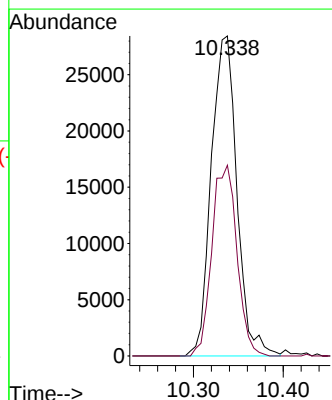
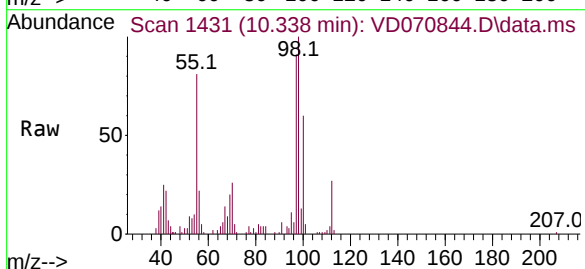
Acq: 26 Oct 2021 17:03

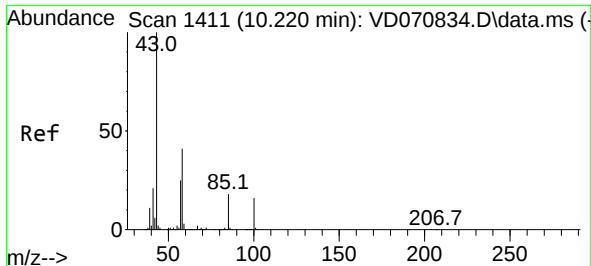
Tgt Ion: 98 Resp: 56421

Ion Ratio Lower Upper

98 100

100 58.3 51.8 77.6

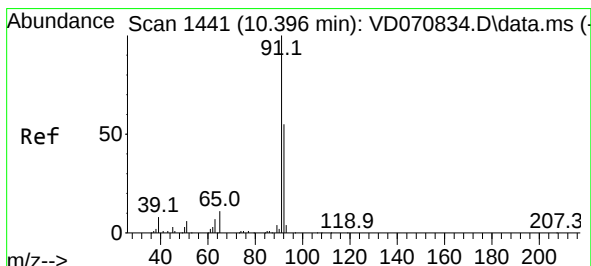
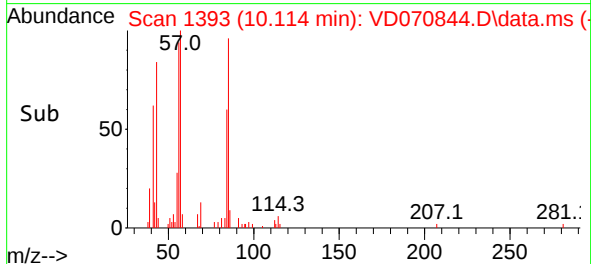
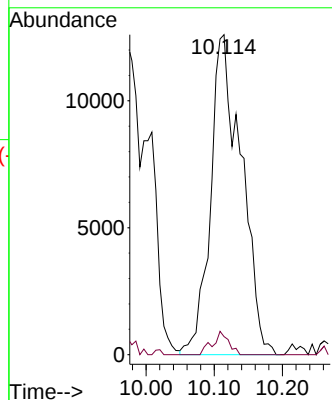
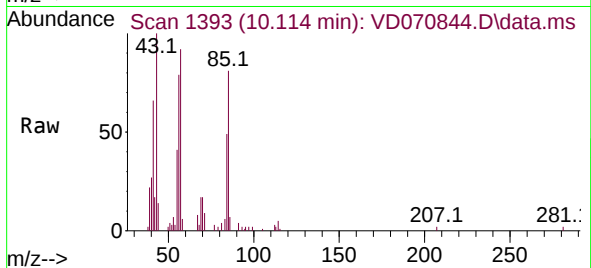




#51
4-Methyl-2-Pentanone
Concen: 301.243 ug/l
RT: 10.114 min Scan# 1393
Delta R.T. -0.106 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

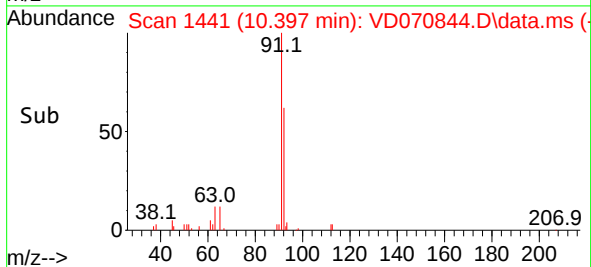
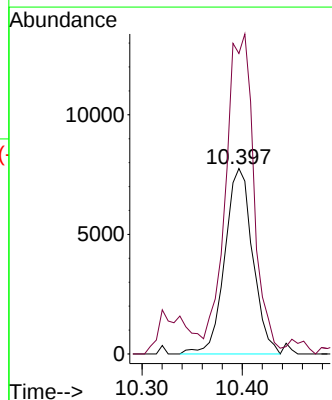
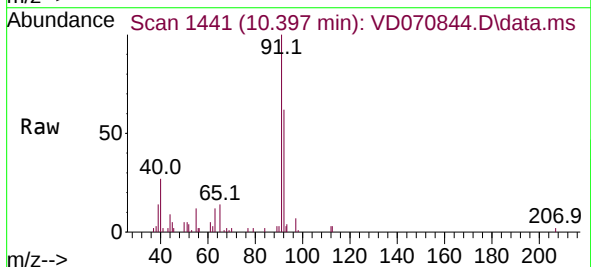
Instrument :
MSVOA_D
ClientSampleId :

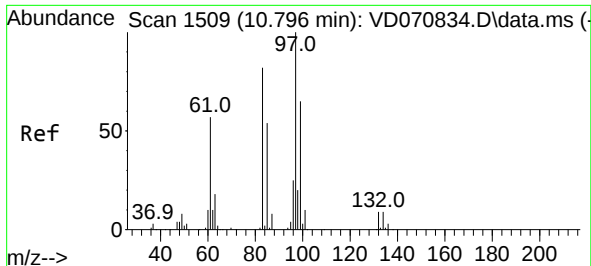
Tgt Ion: 43 Resp: 39684
Ion Ratio Lower Upper
43 100
58 3.8 33.1 49.7#



#52
Toluene
Concen: 23.654 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

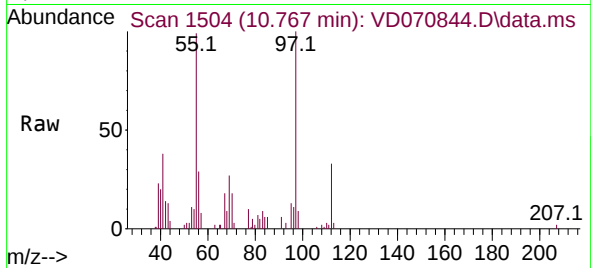
Tgt Ion: 92 Resp: 15023
Ion Ratio Lower Upper
92 100
91 168.8 140.7 211.1



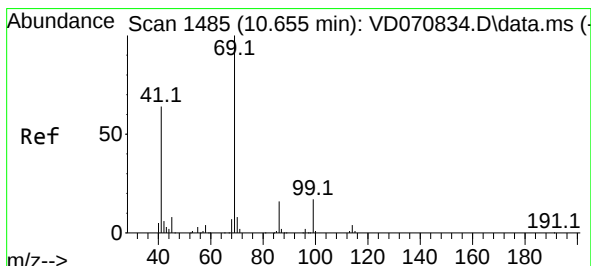
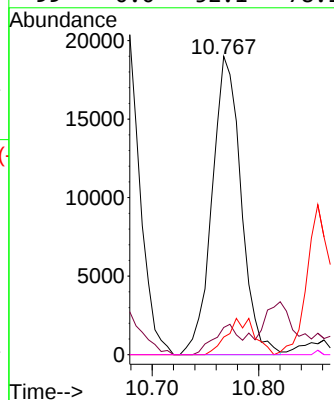
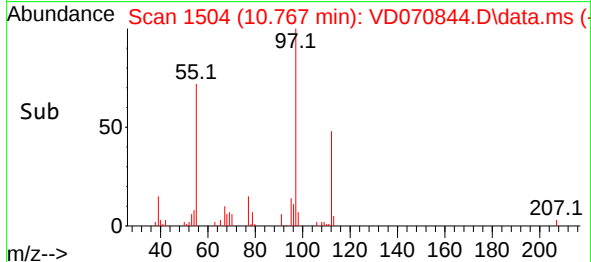


#55
1,1,2-Trichloroethane
Concen: 184.281 ug/l
RT: 10.767 min Scan# 1509
Delta R.T. -0.029 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

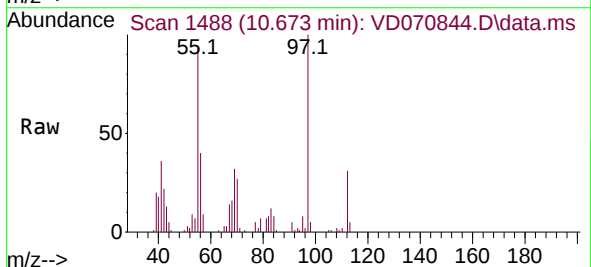
Instrument :
MSVOA_D
ClientSampleId :



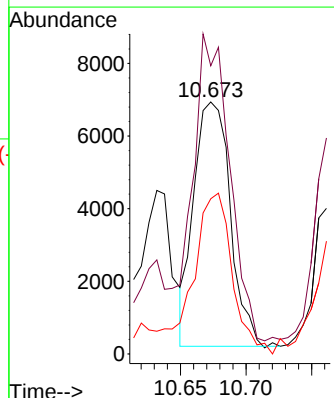
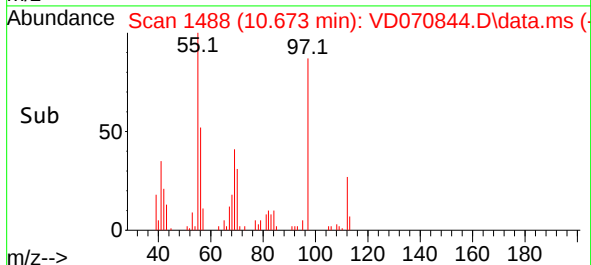
Tgt Ion:	97	Resp:	35901
Ion	Ratio	Lower	Upper
97	100		
83	9.1	65.2	97.8#
85	5.9	43.4	65.0#
99	0.0	52.1	78.1#

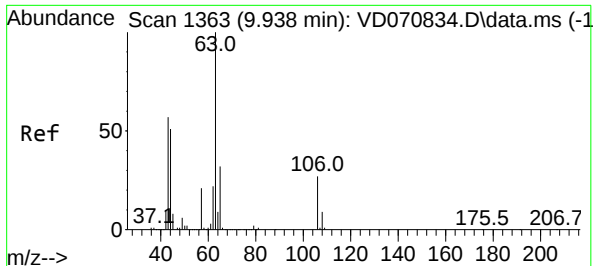


#56
Ethyl methacrylate
Concen: 54.245 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03



Tgt Ion:	69	Resp:	13009
Ion	Ratio	Lower	Upper
69	100		
41	125.9	50.2	75.2#
39	67.0	19.8	29.8#





#58

2-Chloroethyl Vinyl ether

Concen: 1.414 ug/l

RT: 9.979 min Scan# 11

Delta R.T. 0.041 min

Lab File: VD070844.D

Acq: 26 Oct 2021 17:03

Instrument :

MSVOA_D

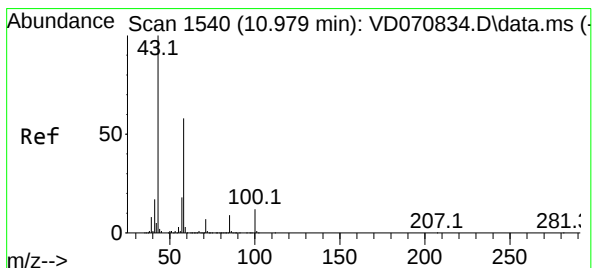
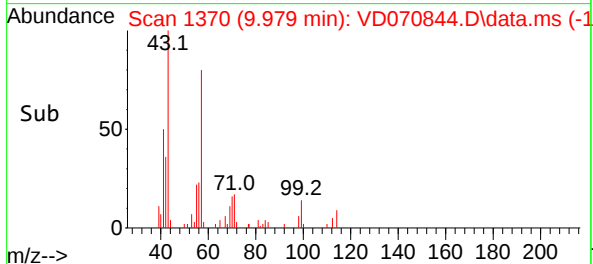
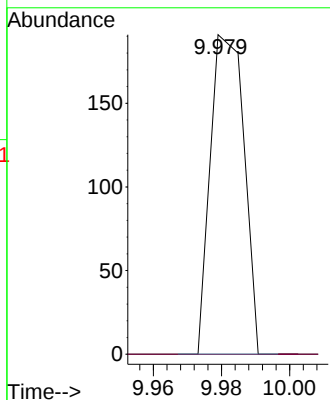
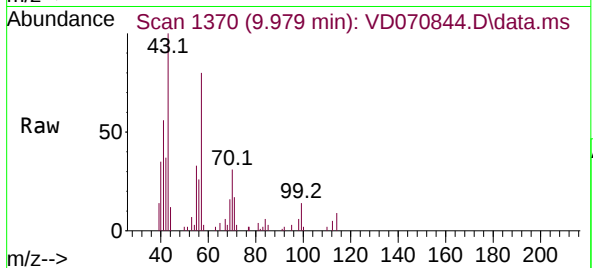
ClientSampleId :

Tgt Ion: 63 Resp: 131

Ion Ratio Lower Upper

63 100

106 0.0 21.0 31.4#



#59

2-Hexanone

Concen: 608.356 ug/l

RT: 10.944 min Scan# 1534

Delta R.T. -0.035 min

Lab File: VD070844.D

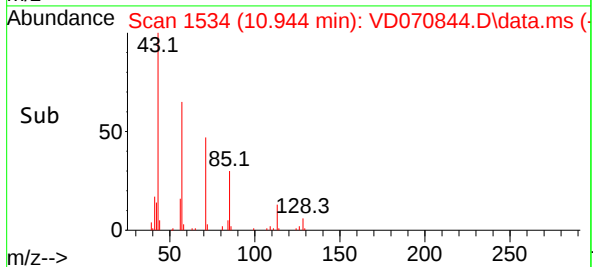
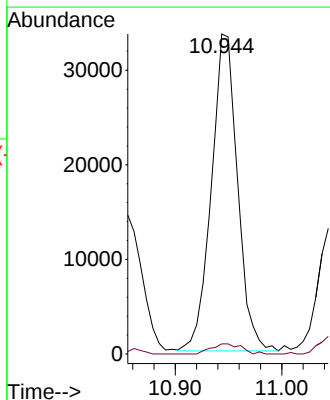
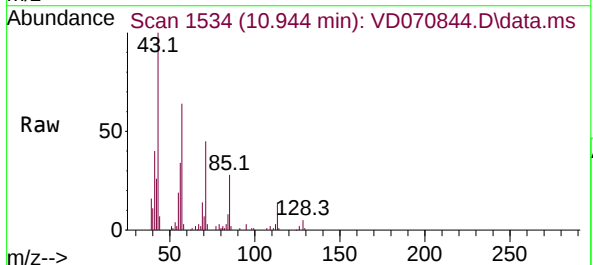
Acq: 26 Oct 2021 17:03

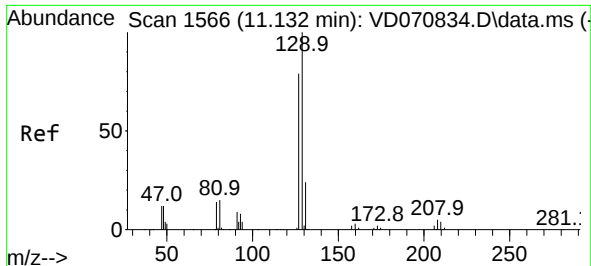
Tgt Ion: 43 Resp: 57210

Ion Ratio Lower Upper

43 100

58 3.7 28.7 86.1#

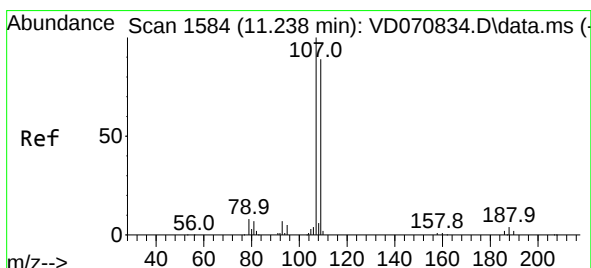
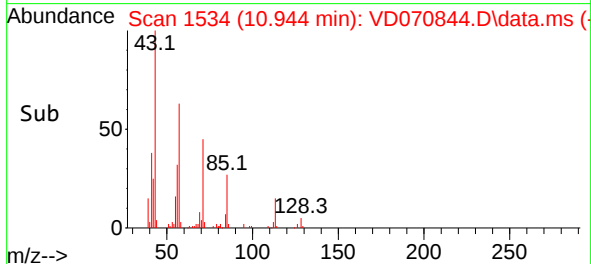
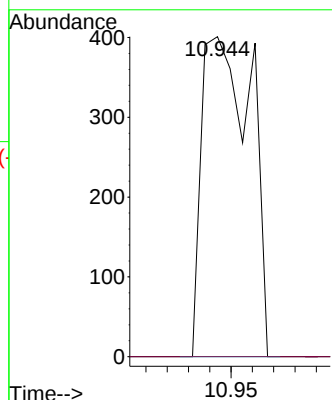
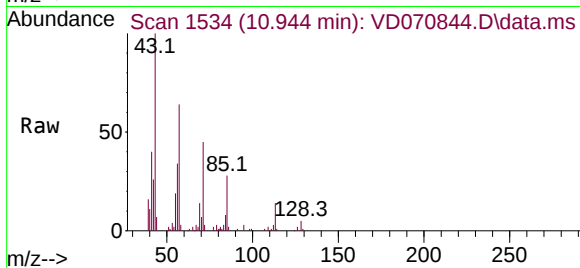




#60
Dibromochloromethane
Concen: 2.738 ug/l
RT: 10.944 min Scan# 11
Delta R.T. -0.188 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

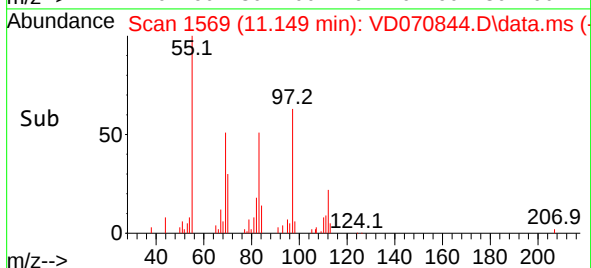
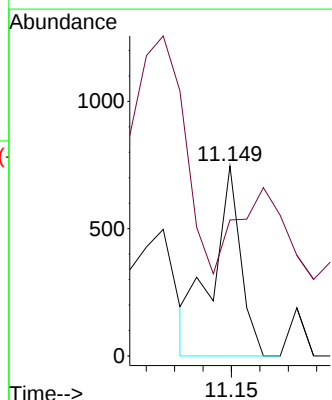
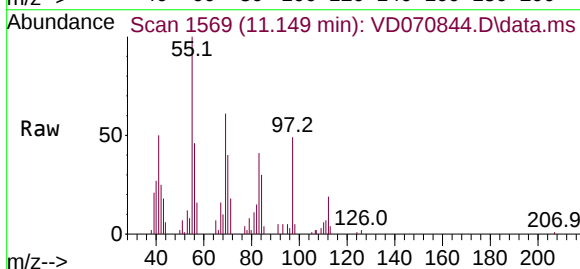
Instrument :
MSVOA_D
ClientSampleId :

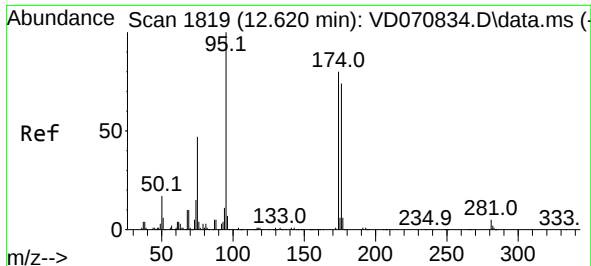
Tgt Ion:129 Resp: 640
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.6#



#61
1,2-Dibromoethane
Concen: 2.864 ug/l
RT: 11.149 min Scan# 1569
Delta R.T. -0.088 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion:107 Resp: 515
Ion Ratio Lower Upper
107 100
109 97.5 74.6 112.0

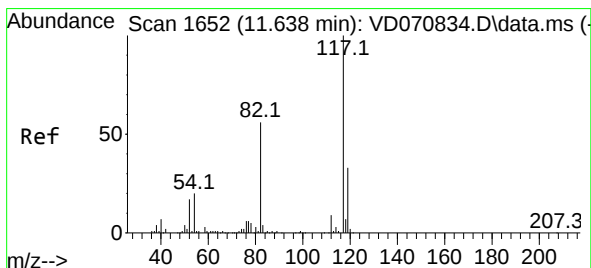
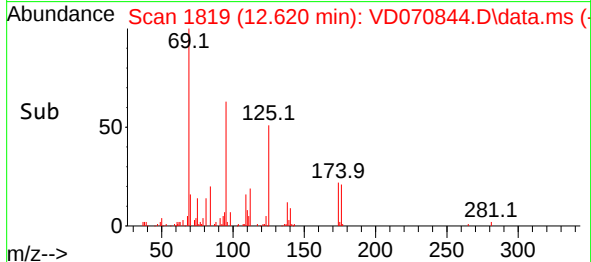
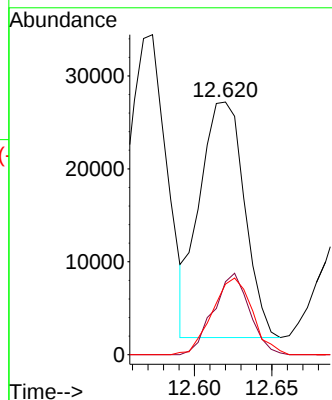
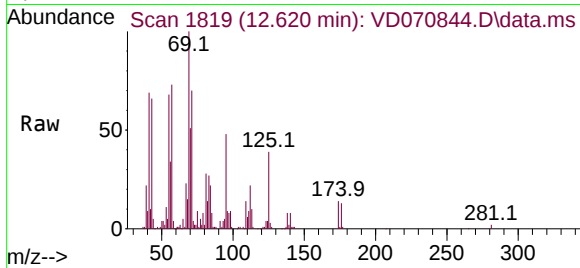




#62
4-Bromofluorobenzene
Concen: 179.646 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

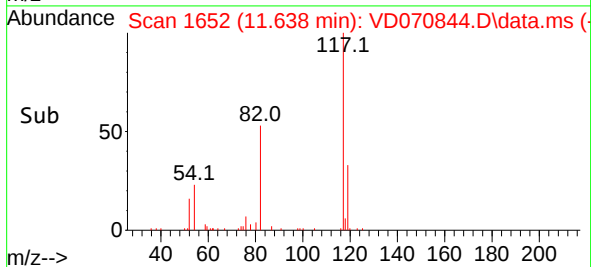
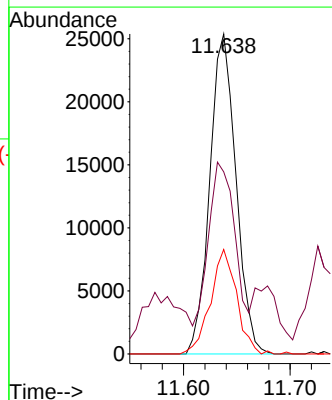
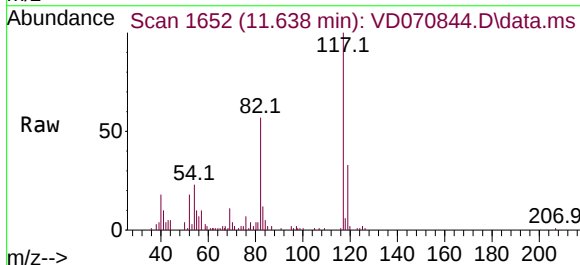
Instrument :
MSVOA_D
ClientSampleId :

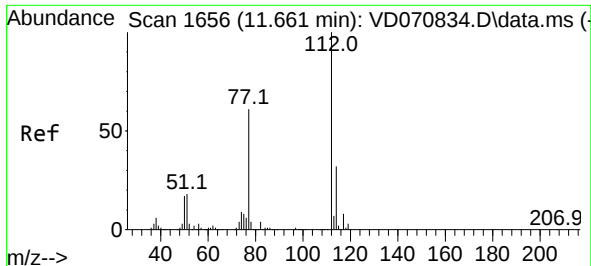
Tgt Ion: 95 Resp: 51082
Ion Ratio Lower Upper
95 100
174 27.7 0.0 159.4
176 29.1 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion: 117 Resp: 43328
Ion Ratio Lower Upper
117 100
82 47.3 44.7 67.1
119 32.7 26.2 39.4

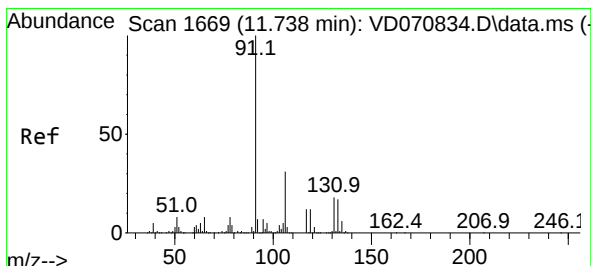
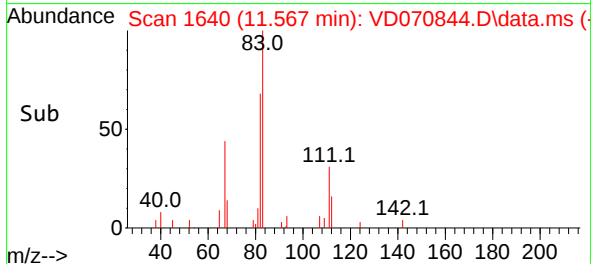
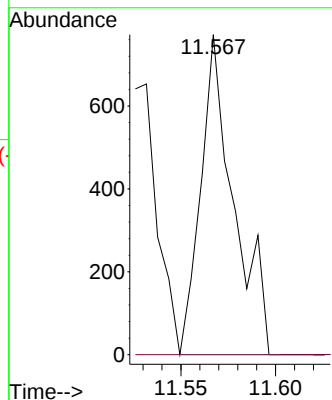
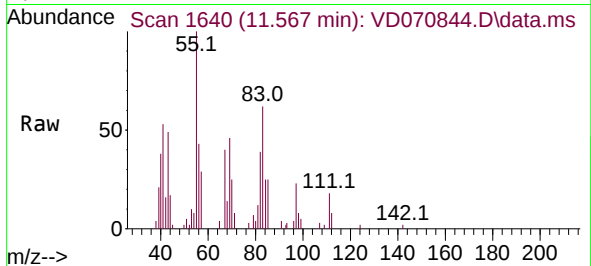




#65
Chlorobenzene
Concen: 1.052 ug/l
RT: 11.567 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

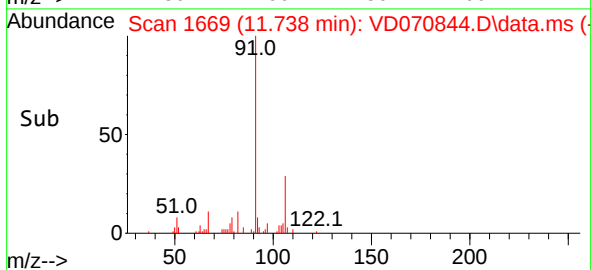
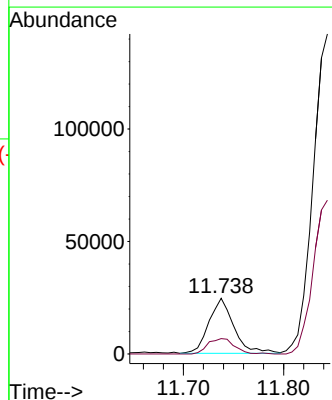
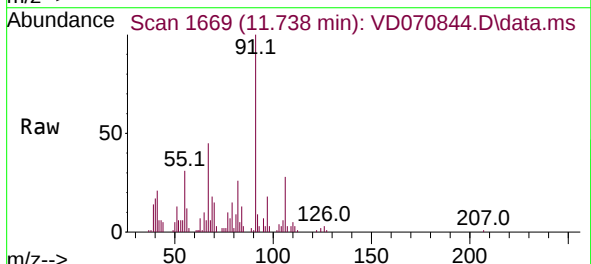
Instrument :
MSVOA_D
ClientSampleId :

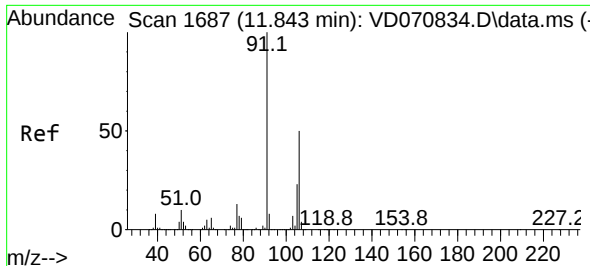
Tgt Ion:112 Resp: 935
Ion Ratio Lower Upper
112 100
114 0.0 26.0 39.0#



#67
Ethyl Benzene
Concen: 27.440 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion: 91 Resp: 42476
Ion Ratio Lower Upper
91 100
106 28.0 24.6 36.8

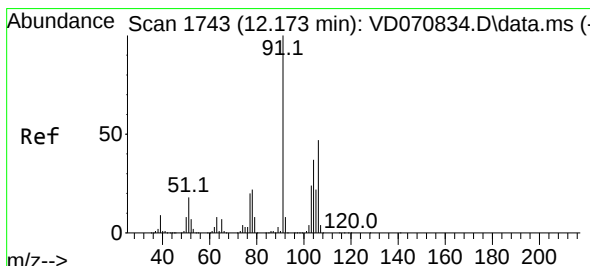
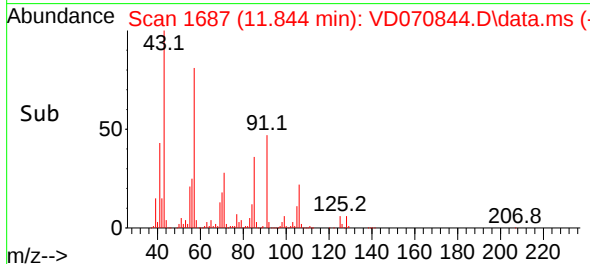
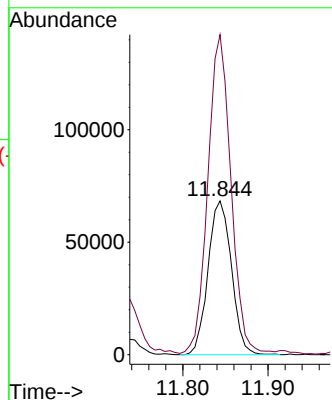
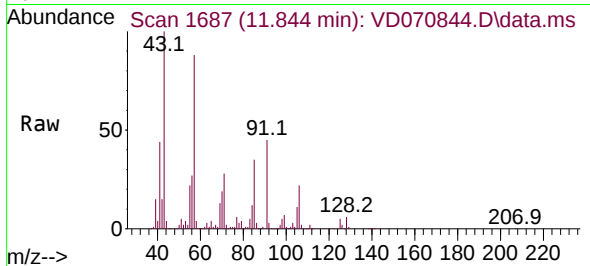




#68
m/p-Xylenes
Concen: 216.464 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

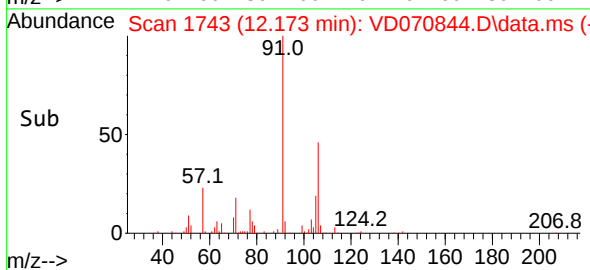
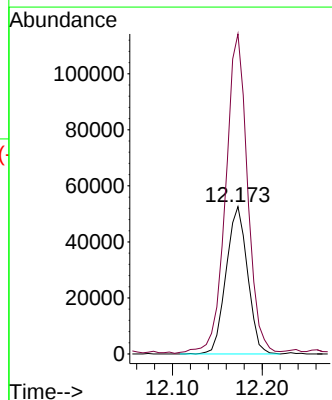
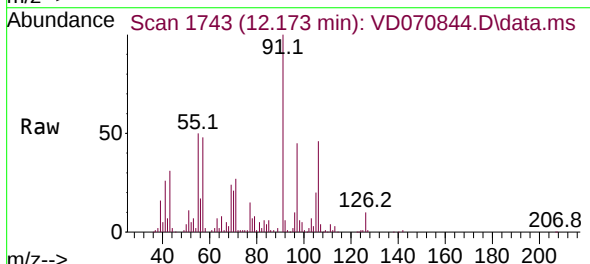
Instrument :
MSVOA_D
ClientSampleId :

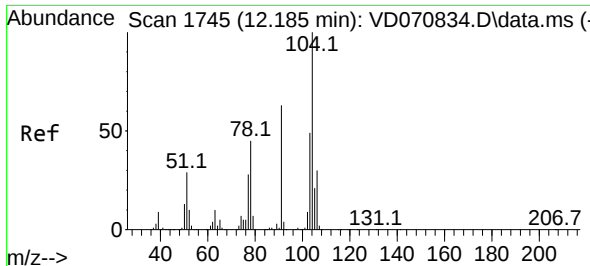
Tgt Ion:106 Resp: 130470
Ion Ratio Lower Upper
106 100
91 203.7 160.1 240.1



#69
o-Xylene
Concen: 159.649 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion:106 Resp: 87152
Ion Ratio Lower Upper
106 100
91 221.5 106.3 319.0

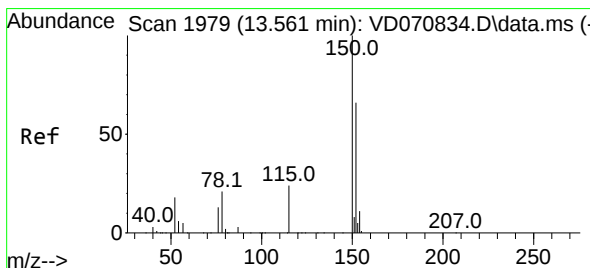
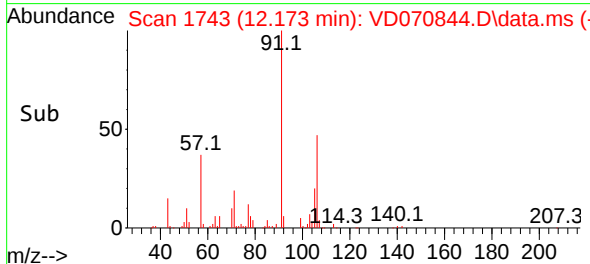
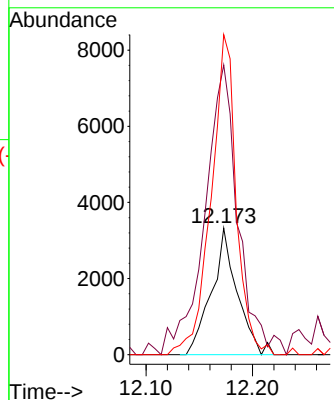
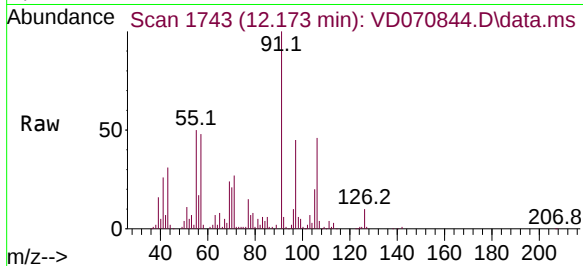




#70
Styrene
Concen: 5.913 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

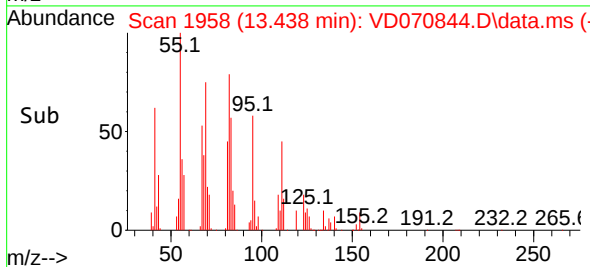
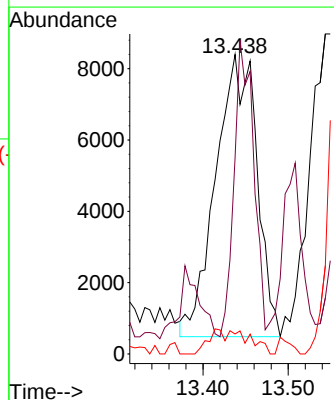
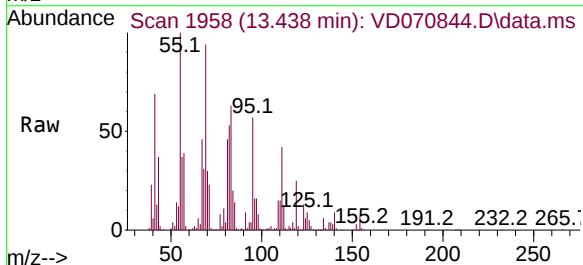
Instrument :
MSVOA_D
ClientSampleId :

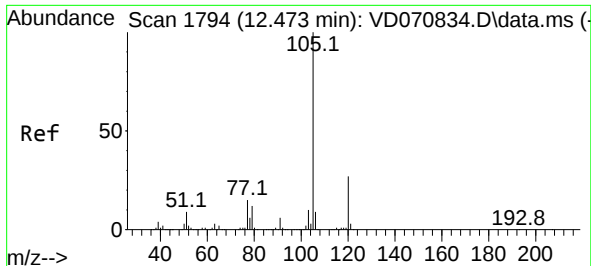
Tgt Ion:104 Resp: 5590
Ion Ratio Lower Upper
104 100
78 298.4 39.4 59.0#
103 246.8 43.4 65.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.438 min Scan# 1958
Delta R.T. -0.123 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion:152 Resp: 26501
Ion Ratio Lower Upper
152 100
115 50.4 29.8 89.3
150 4.8 0.0 349.2

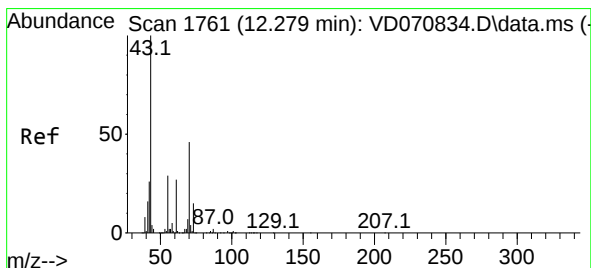
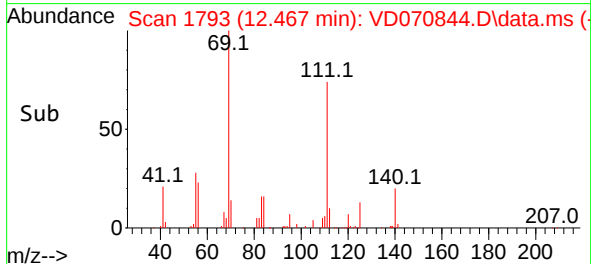
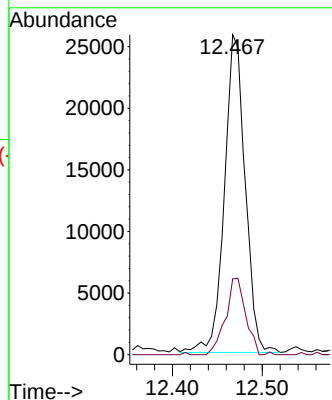
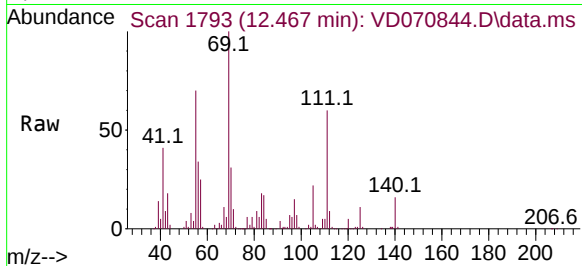




#73
Isopropylbenzene
Concen: 23.421 ug/l
RT: 12.467 min Scan# 1758
Delta R.T. -0.006 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

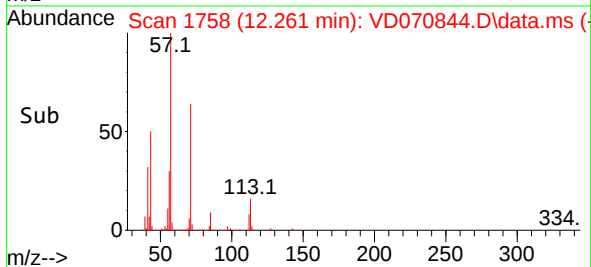
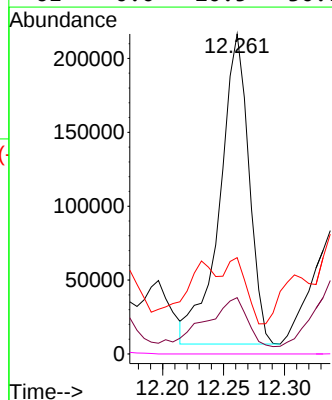
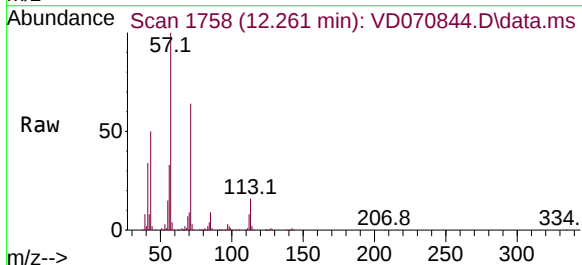
Instrument :
MSVOA_D
ClientSampleId :

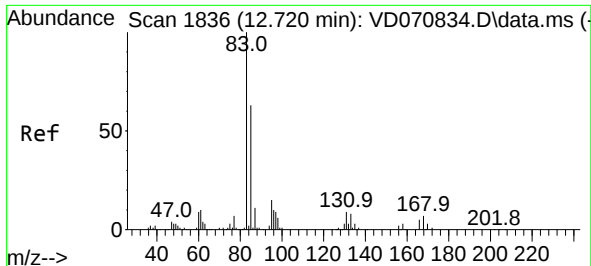
Tgt Ion:105 Resp: 41399
Ion Ratio Lower Upper
105 100
120 23.2 13.2 39.5



#74
N-ethyl acetate
Concen: 900.529 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.017 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion: 43 Resp: 350087
Ion Ratio Lower Upper
43 100
70 22.3 36.6 55.0#
55 0.0 22.5 33.7#
61 0.0 20.5 30.7#

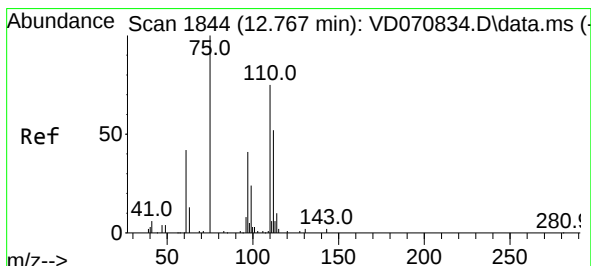
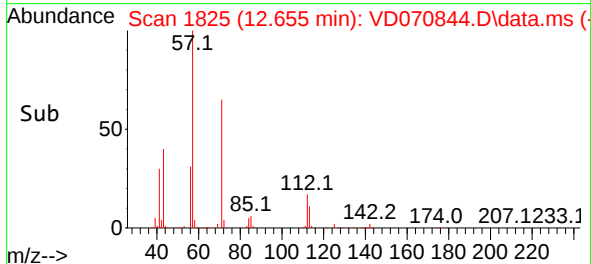
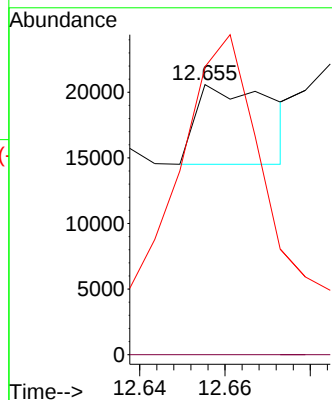
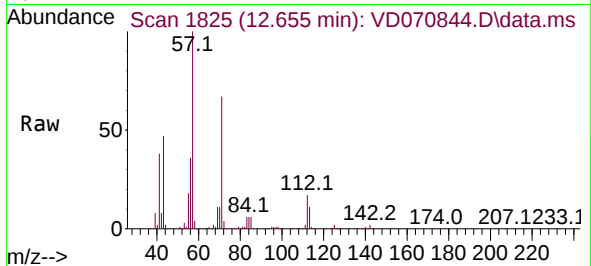




#75
1,1,2,2-Tetrachloroethane
Concen: 20.854 ug/l
RT: 12.655 min Scan# 1825
Delta R.T. -0.065 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

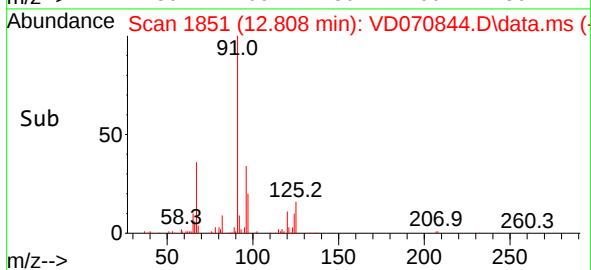
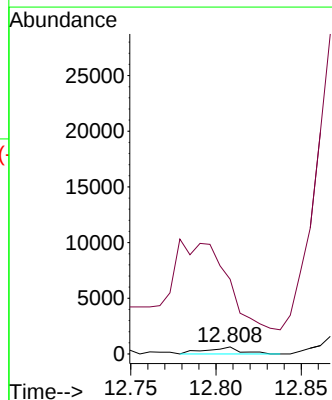
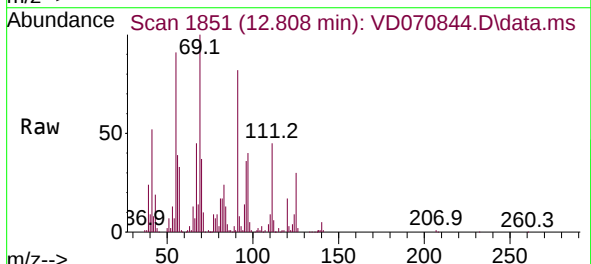
Instrument :
MSVOA_D
ClientSampleId :

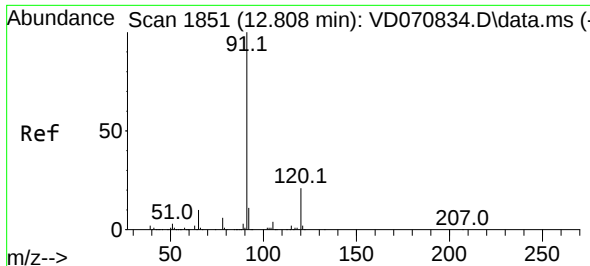
Tgt Ion: 83 Resp: 7522
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 350.6 32.0 96.2#



#76
1,2,3-Trichloropropane
Concen: 3.389 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.041 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion: 75 Resp: 884
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#

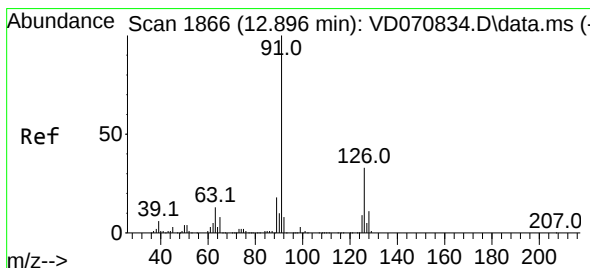
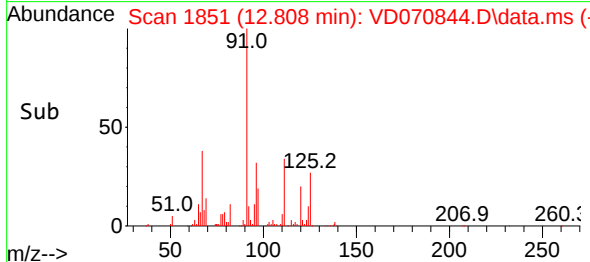
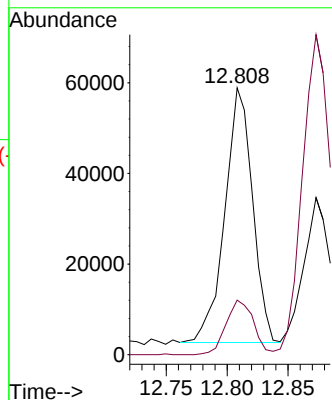
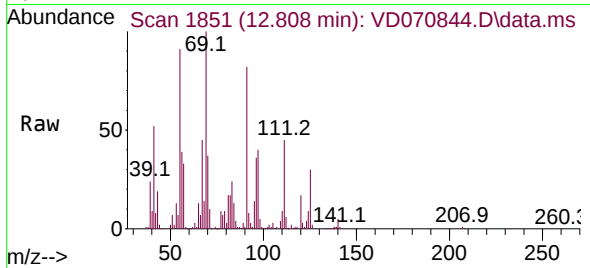




#78
n-propylbenzene
Concen: 39.285 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

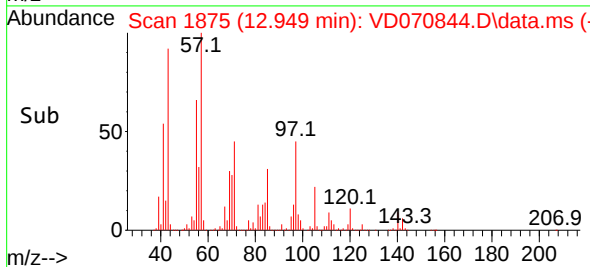
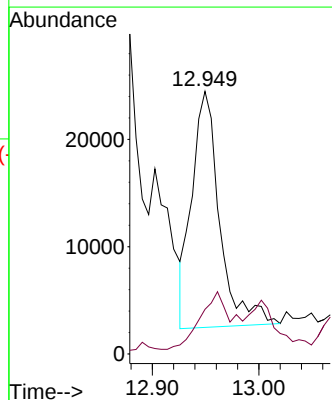
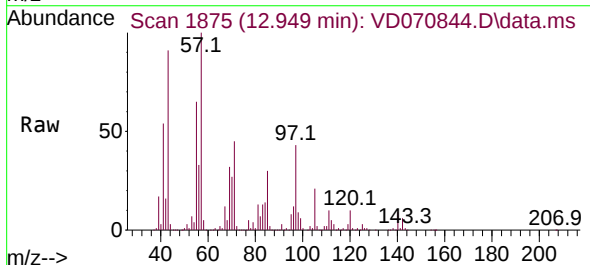
Instrument :
MSVOA_D
ClientSampleId :

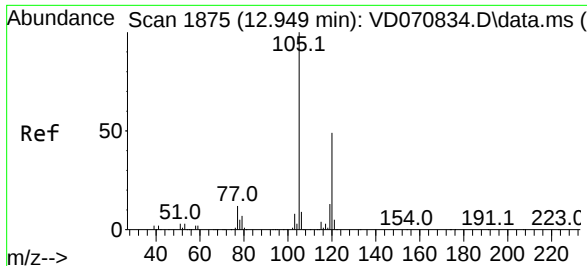
Tgt Ion: 91 Resp: 89132
Ion Ratio Lower Upper
91 100
120 21.3 10.9 32.9



#79
2-Chlorotoluene
Concen: 30.241 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.053 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion: 91 Resp: 39838
Ion Ratio Lower Upper
91 100
126 28.3 16.6 49.7

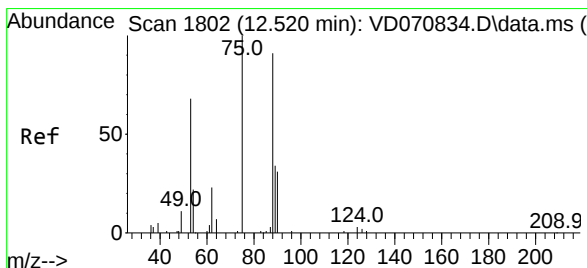
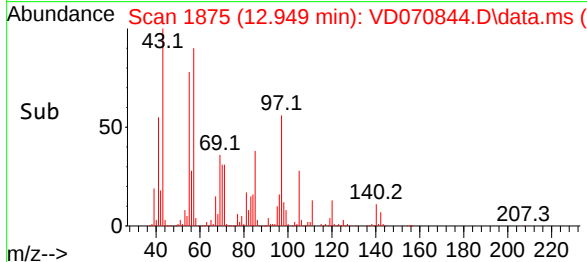
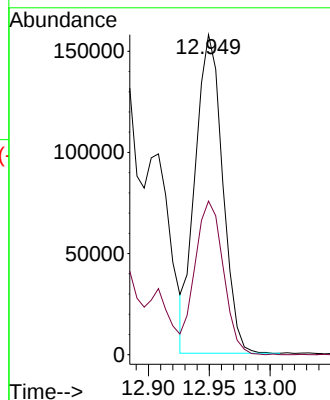
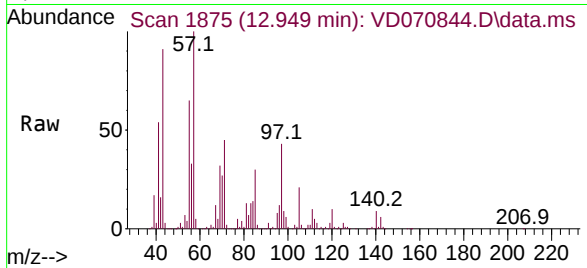




#80
1,3,5-Trimethylbenzene
Concen: 163.959 ug/l
RT: 12.949 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

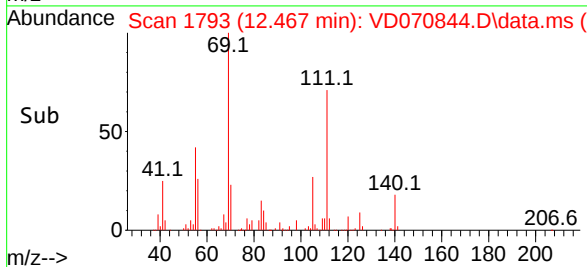
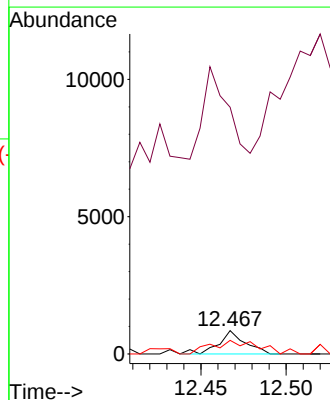
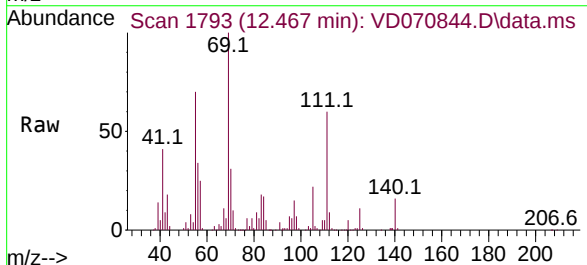
Instrument :
MSVOA_D
ClientSampleId :

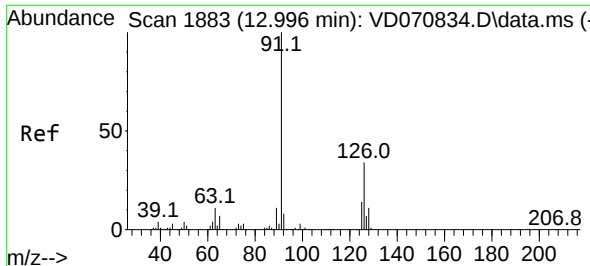
Tgt Ion:105 Resp: 245969
Ion Ratio Lower Upper
105 100
120 50.0 24.6 73.8



#81
trans-1,4-Dichloro-2-butene
Concen: 9.306 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.053 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion: 75 Resp: 925
Ion Ratio Lower Upper
75 100
53 361.8 62.6 94.0#
89 104.8 34.5 51.7#

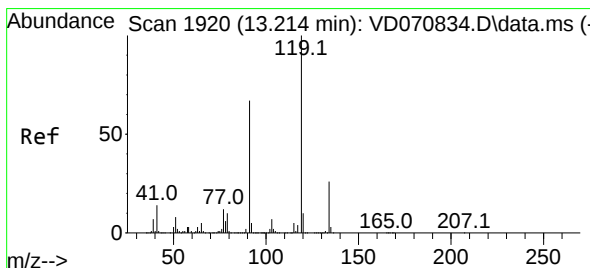
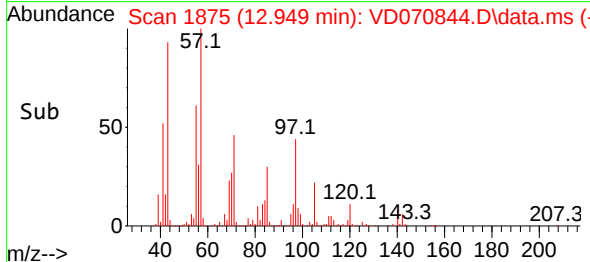
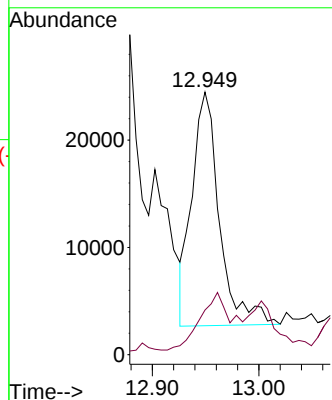
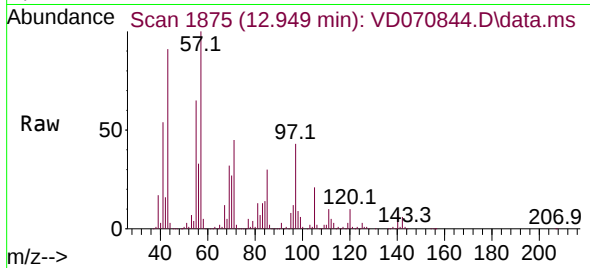




#82
4-Chlorotoluene
Concen: 28.487 ug/l
RT: 12.949 min Scan# 11
Delta R.T. -0.047 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

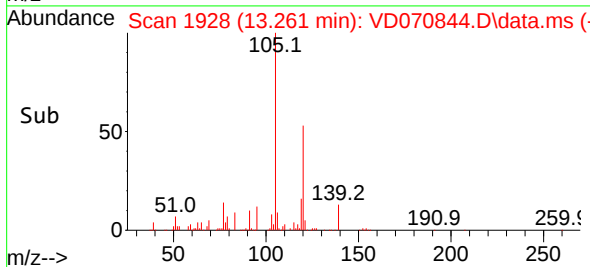
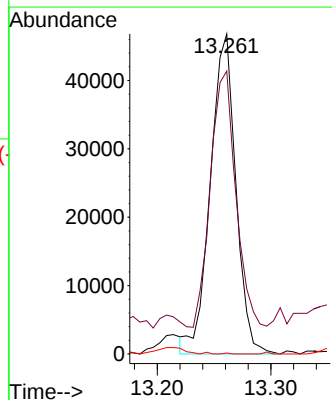
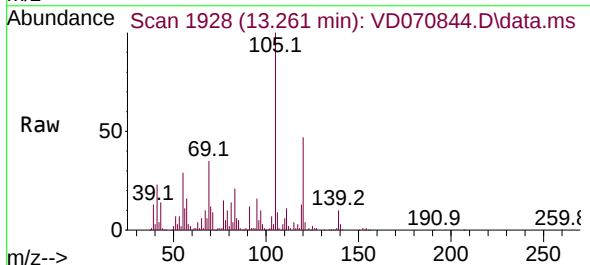
Instrument :
MSVOA_D
ClientSampleId :

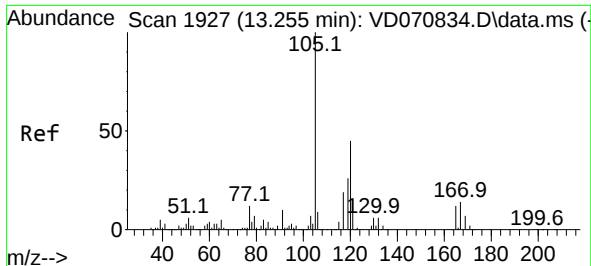
Tgt Ion: 91 Resp: 39000
Ion Ratio Lower Upper
91 100
126 28.9 16.4 49.1



#83
tert-Butylbenzene
Concen: 58.407 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.047 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion: 119 Resp: 73064
Ion Ratio Lower Upper
119 100
91 79.1 32.5 97.5
134 0.0 13.2 39.6#

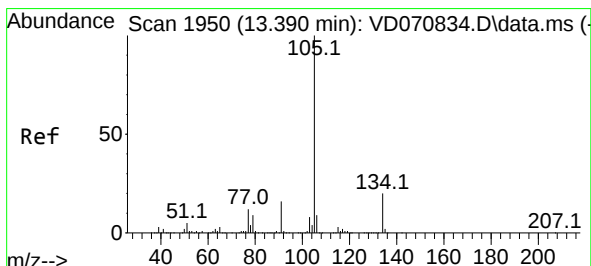
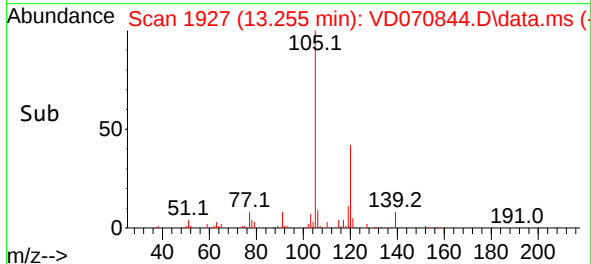
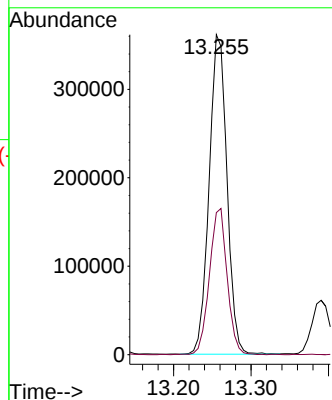
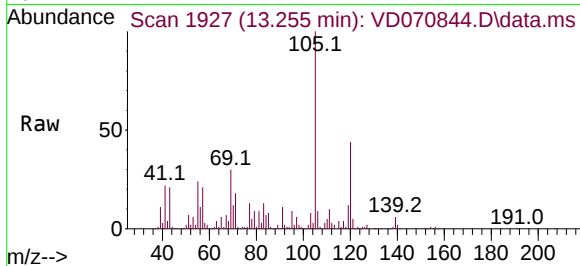




#84
1,2,4-Trimethylbenzene
Concen: 390.966 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

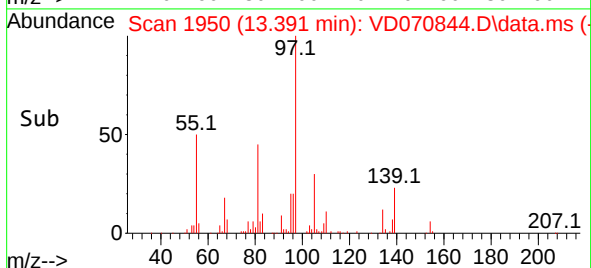
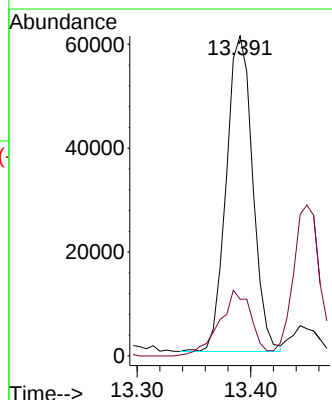
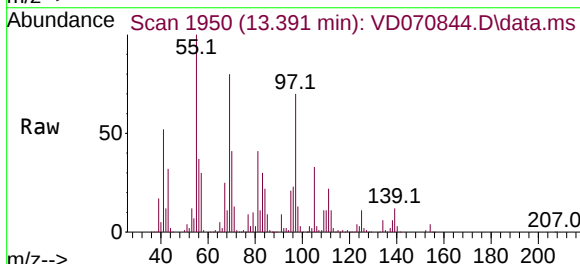
Instrument :
MSVOA_D
ClientSampleId :

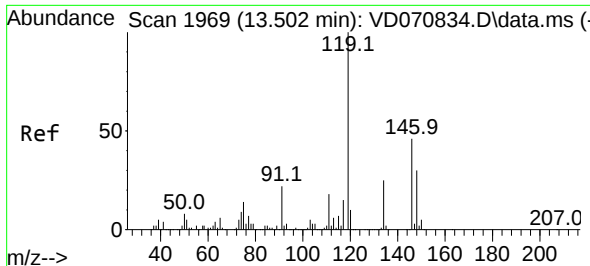
Tgt Ion:105 Resp: 578284
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.7



#85
sec-Butylbenzene
Concen: 49.745 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion:105 Resp: 98148
Ion Ratio Lower Upper
105 100
134 25.3 9.7 28.9

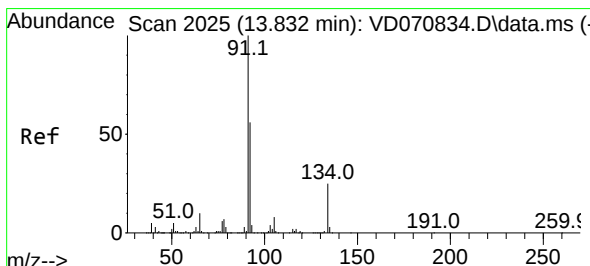
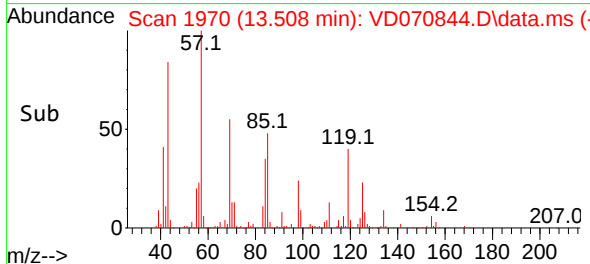
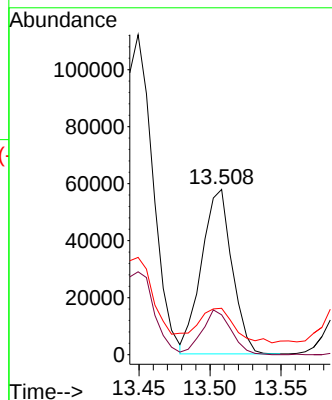
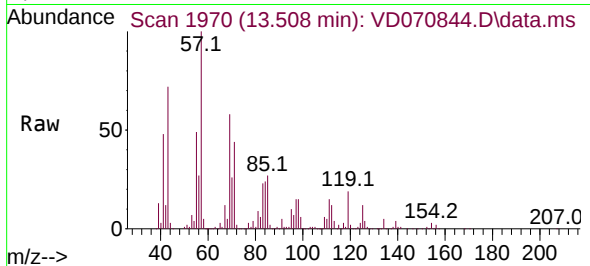




#86
p-Isopropyltoluene
Concen: 54.399 ug/l
RT: 13.508 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

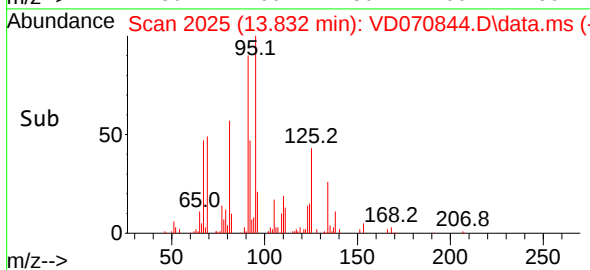
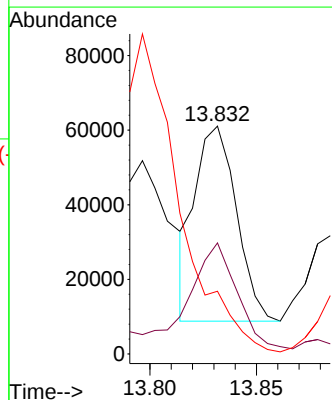
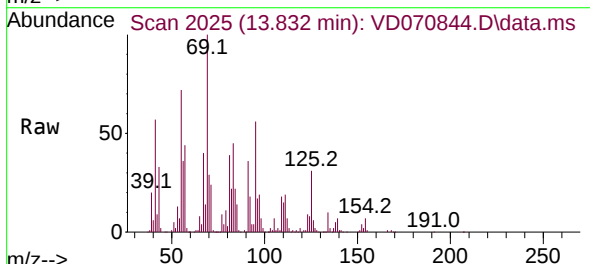
Instrument :
MSVOA_D
ClientSampleId :

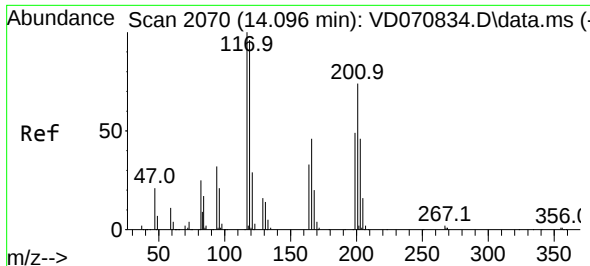
Tgt Ion:119 Resp: 86348
Ion Ratio Lower Upper
119 100
134 25.8 13.0 38.9
91 21.7 11.4 34.2



#89
n-Butylbenzene
Concen: 45.356 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion: 91 Resp: 70541
Ion Ratio Lower Upper
91 100
92 66.6 27.3 81.9
134 0.0 12.3 36.9#

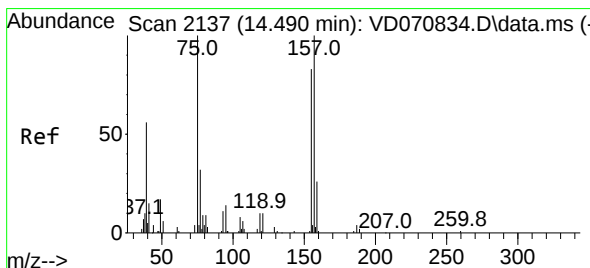
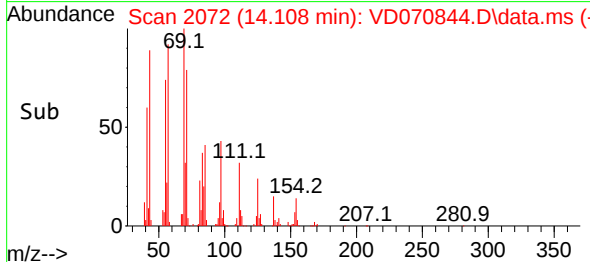
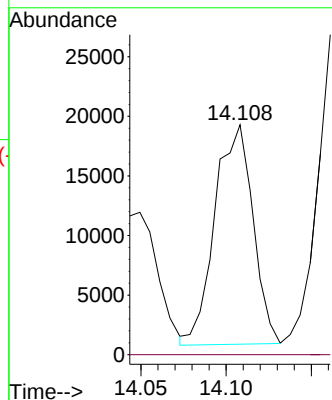
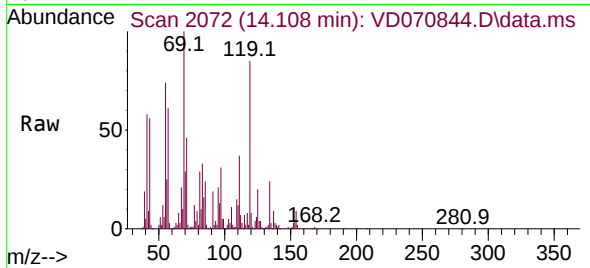




#90
Hexachloroethane
Concen: 80.282 ug/l
RT: 14.108 min Scan# 2070
Delta R.T. 0.012 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

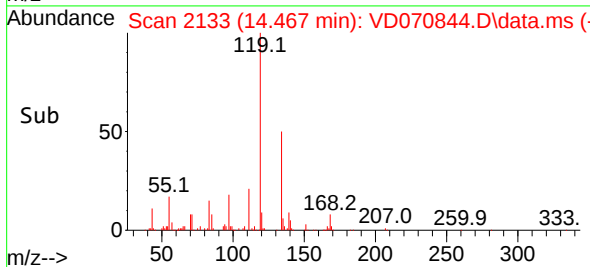
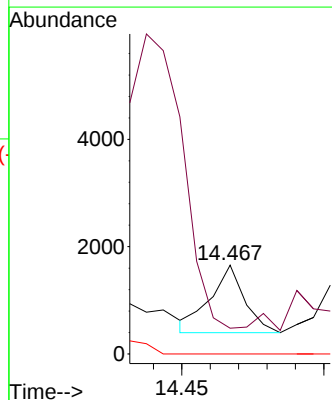
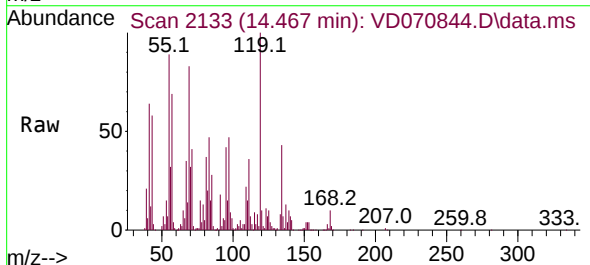
Instrument :
MSVOA_D
ClientSampleId :

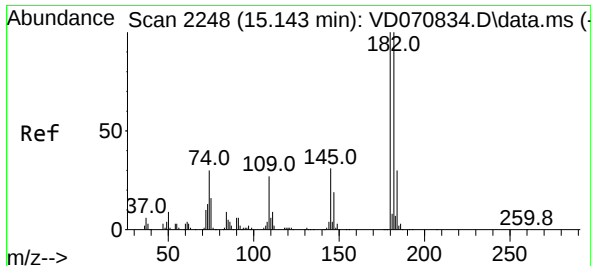
Tgt Ion:117 Resp: 28597
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.171 ug/l
RT: 14.467 min Scan# 2133
Delta R.T. -0.023 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

Tgt Ion: 75 Resp: 1060
Ion Ratio Lower Upper
75 100
155 0.0 40.0 120.0#
157 0.0 49.8 149.3#

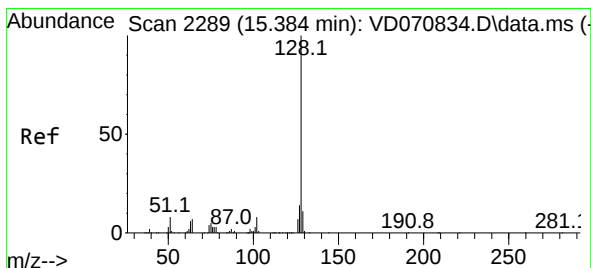
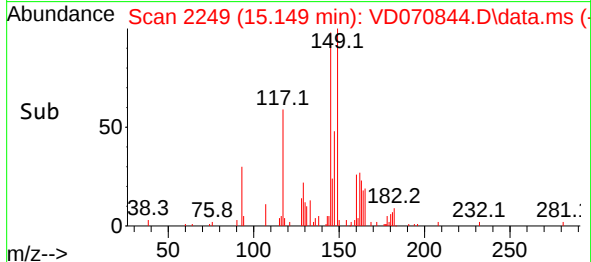
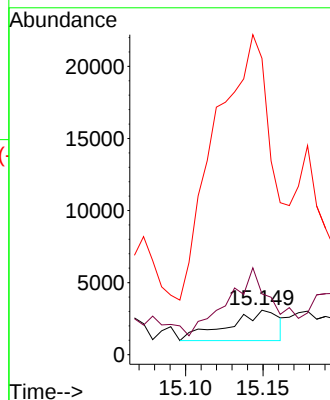
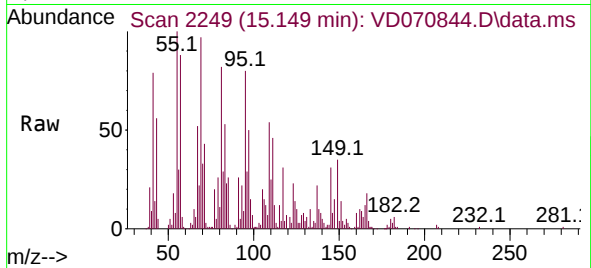




#93
1,2,4-Trichlorobenzene
Concen: 10.973 ug/l
RT: 15.149 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

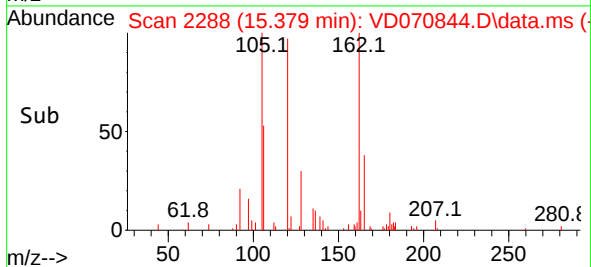
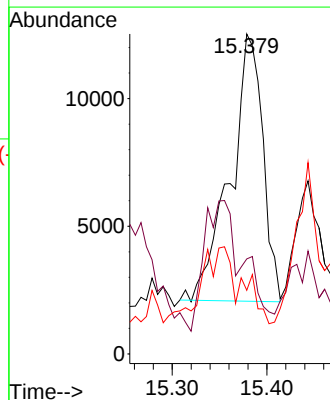
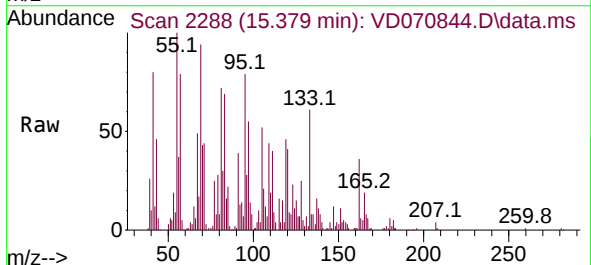
Instrument :
MSVOA_D
ClientSampleId :

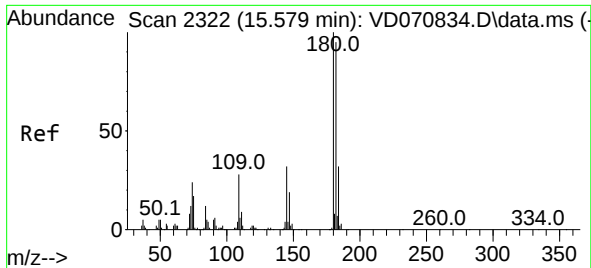
Tgt Ion:180 Resp: 4812
Ion Ratio Lower Upper
180 100
182 199.3 48.2 144.6#
145 1257.6 15.4 46.2#



#95
Naphthalene
Concen: 31.631 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.005 min
Lab File: VD070844.D
Acq: 26 Oct 2021 17:03

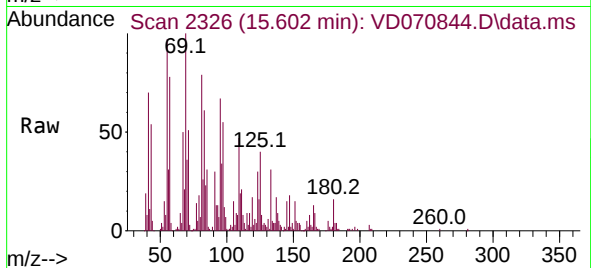
Tgt Ion:128 Resp: 24952
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 27.616 ug/l
 RT: 15.602 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VD070844.D
 Acq: 26 Oct 2021 17:03

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 10523
 Ion Ratio Lower Upper
 180 100
 182 6.4 46.7 140.1#
 145 0.0 15.9 47.6#

