

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071743.D
 Acq On : 19 Jan 2022 14:45
 Operator : VA/SY
 Sample : N1172-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 20 04:58:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

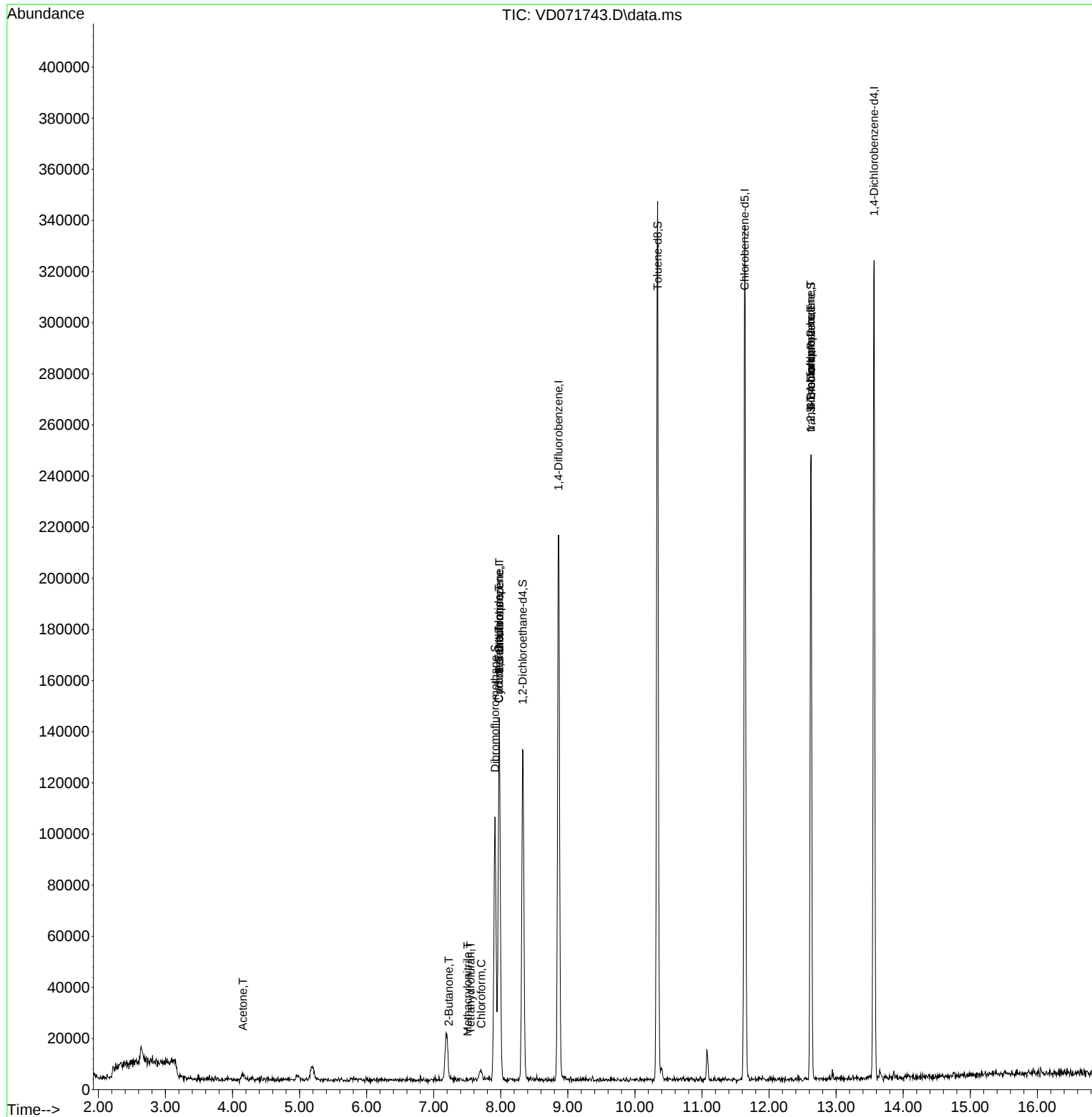
Internal Standards						
1) Pentafluorobenzene	7.979	168	93656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	171025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	172612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	76131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	103477	85.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.740%#	
35) Dibromofluoromethane	7.914	113	69642	61.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.240%	
50) Toluene-d8	10.338	98	218504	51.644	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.280%	
62) 4-Bromofluorobenzene	12.626	95	78109	52.391	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.220	50	227	Below Cal	#	43
11) Tert butyl alcohol	5.203	59	5774	Below Cal	#	75
16) Acetone	4.156	43	4849	17.428	ug/l #	77
18) Methyl Acetate	4.632	43	74	Below Cal	#	56
20) Methylene Chloride	4.967	84	1340	Below Cal	#	34
25) 2-Butanone	7.226	43	339	1.031	ug/l #	56
29) Tetrahydrofuran	7.550	42	200	1.058	ug/l #	39
30) Chloroform	7.708	83	2427	1.163	ug/l #	76
31) Cyclohexane	7.973	56	2927	2.064	ug/l #	32
36) 1,1-Dichloropropene	7.979	75	9635	5.976	ug/l #	53
38) Carbon Tetrachloride	7.973	117	9959	6.099	ug/l #	14
41) Methacrylonitrile	7.508	41	66	1.270	ug/l #	25
71) Bromoform	12.626	173	1387	2.268	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	43468	59.089	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	43468	164.733	ug/l #	3

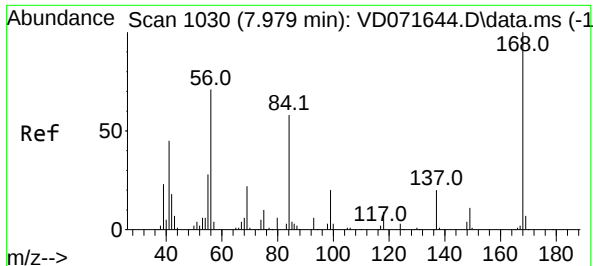
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 2022
Response via : Initial Calibration

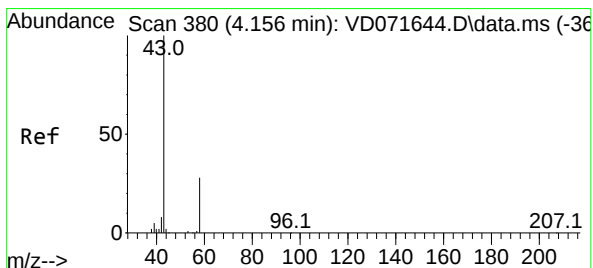
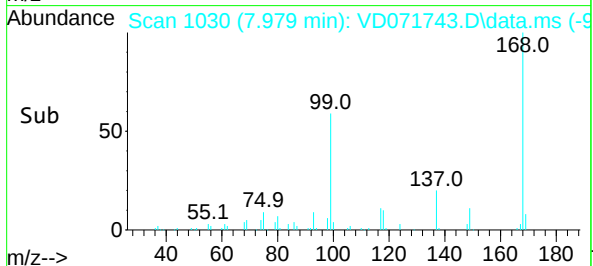
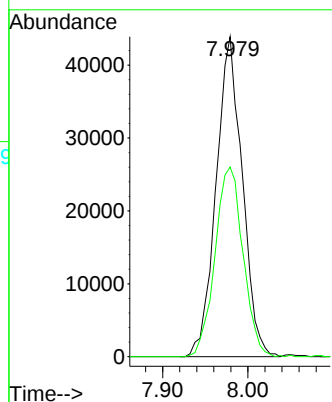
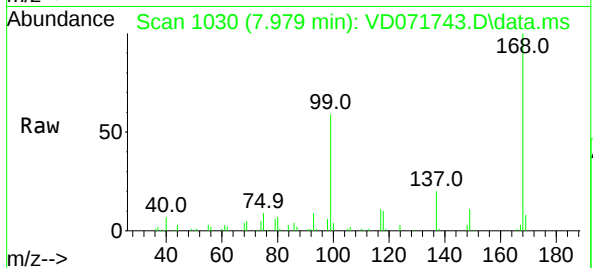




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

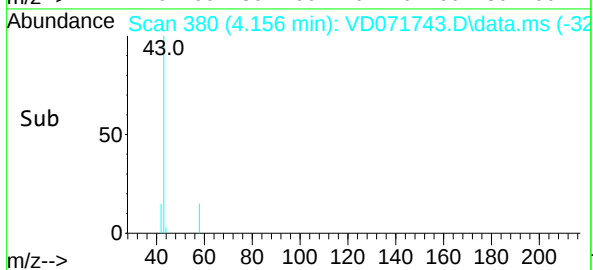
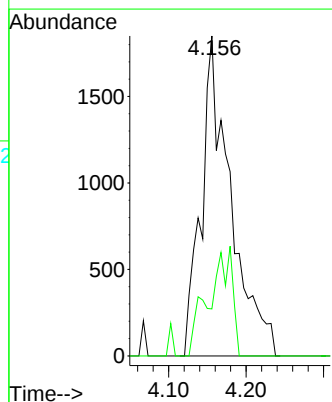
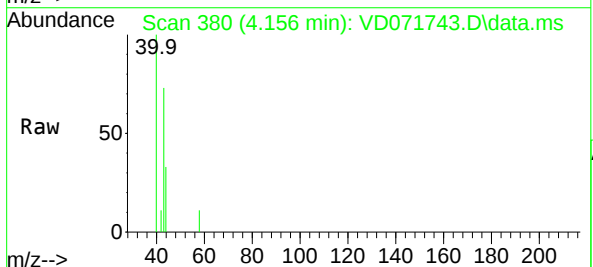
Instrument :
MSVOA_D
ClientSampleId :

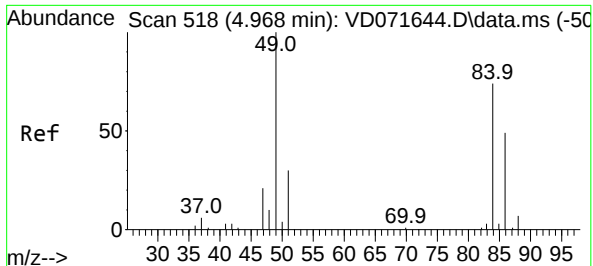
Tgt Ion:168 Resp: 93656
Ion Ratio Lower Upper
168 100
99 59.2 51.8 77.6



#16
Acetone
Concen: 17.428 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

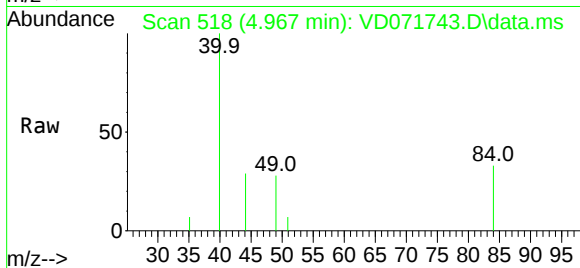
Tgt Ion: 43 Resp: 4849
Ion Ratio Lower Upper
43 100
58 14.7 21.0 31.6#



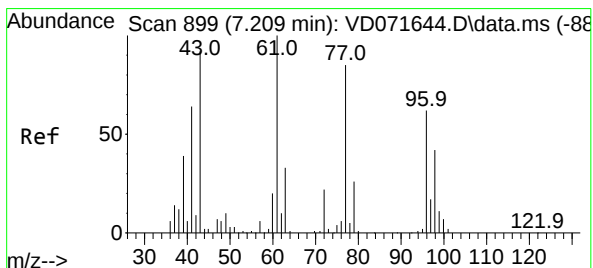
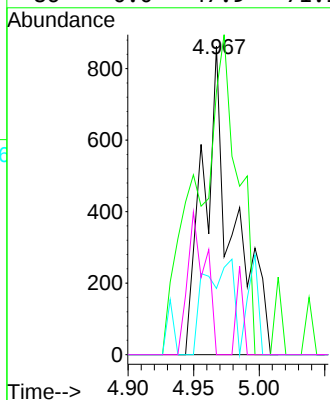
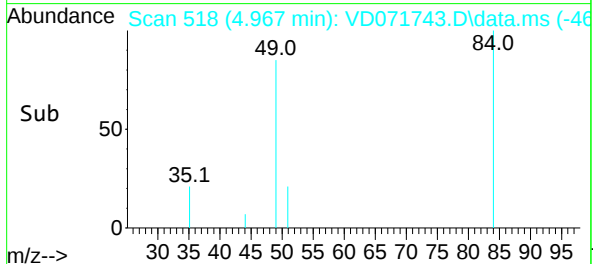


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

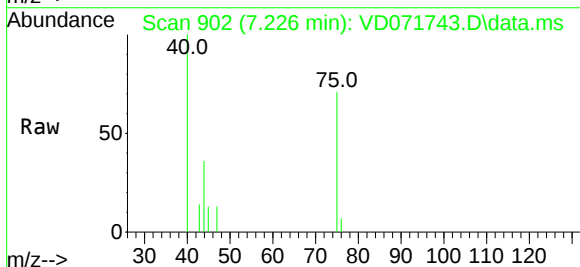
Instrument :
MSVOA_D
ClientSampleId :



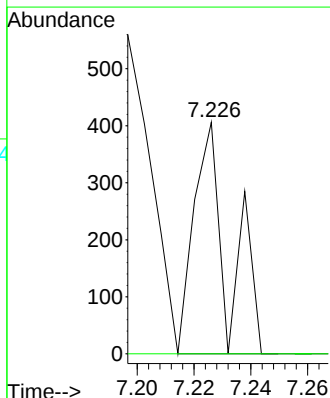
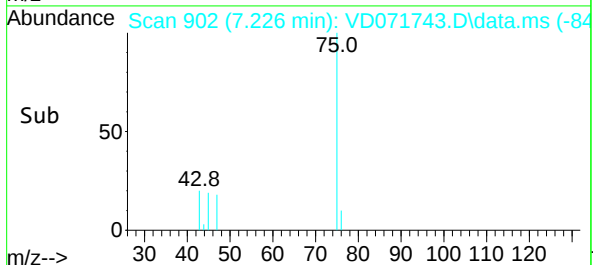
Tgt Ion: 84 Resp: 1340
Ion Ratio Lower Upper
84 100
49 60.1 118.6 178.0#
51 21.4 37.8 56.6#
86 0.0 47.9 71.9#

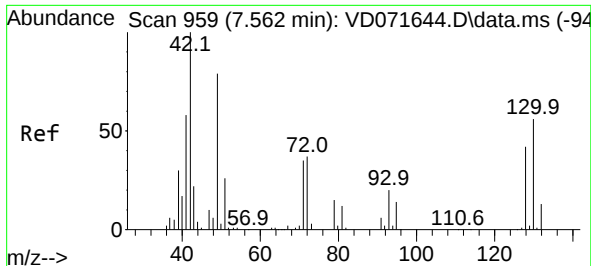


#25
2-Butanone
Concen: 1.031 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.018 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45



Tgt Ion: 43 Resp: 339
Ion Ratio Lower Upper
43 100
72 0.0 16.4 24.6#





#29

Tetrahydrofuran

Concen: 1.058 ug/l

RT: 7.550 min Scan# 91

Delta R.T. -0.011 min

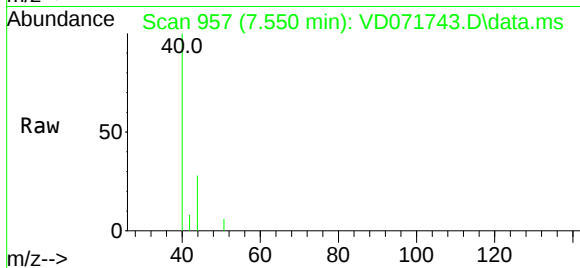
Lab File: VD071743.D

Acq: 19 Jan 2022 14:45

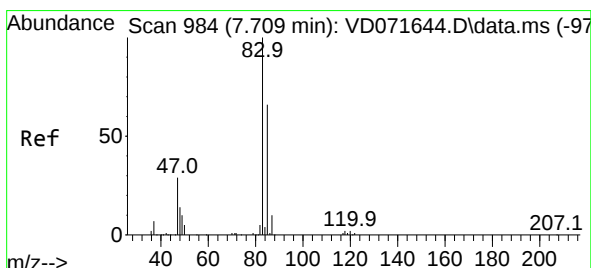
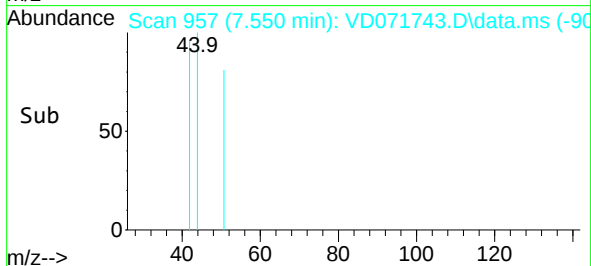
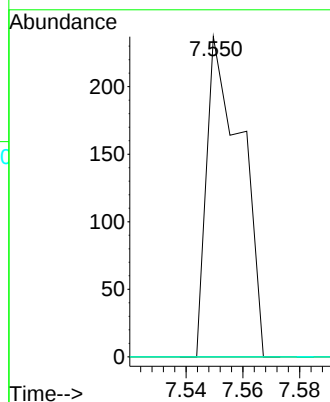
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	200
Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.6	44.4#
71	0.0	27.3	40.9#



#30

Chloroform

Concen: 1.163 ug/l

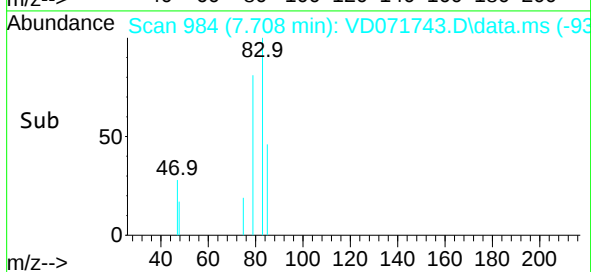
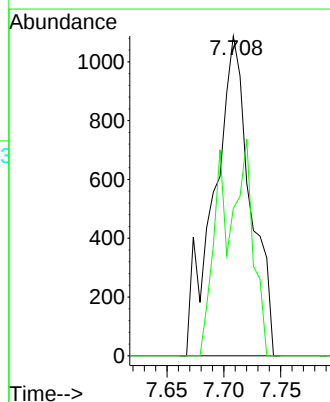
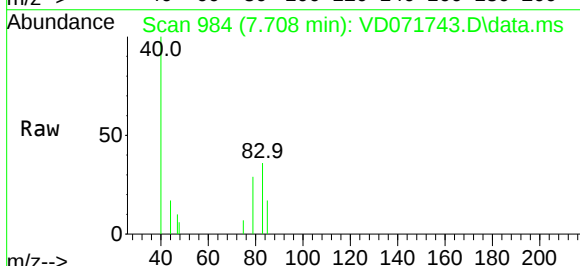
RT: 7.708 min Scan# 984

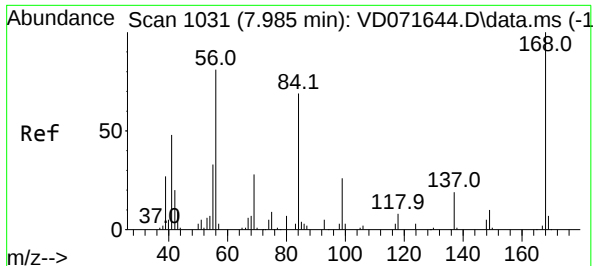
Delta R.T. -0.006 min

Lab File: VD071743.D

Acq: 19 Jan 2022 14:45

Tgt Ion:	83	Resp:	2427
Ion	Ratio	Lower	Upper
83	100		
85	46.1	52.4	78.6#





#31

Cyclohexane

Concen: 2.064 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.017 min

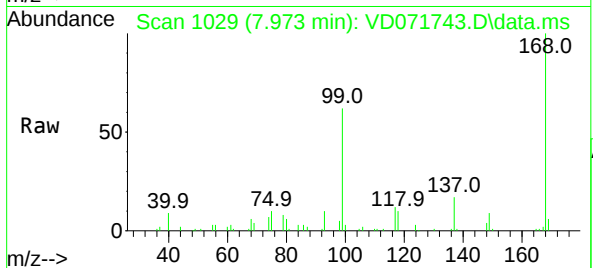
Lab File: VD071743.D

Acq: 19 Jan 2022 14:45

Instrument :

MSVOA_D

ClientSampleId :



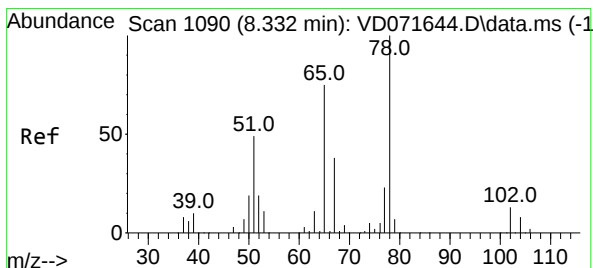
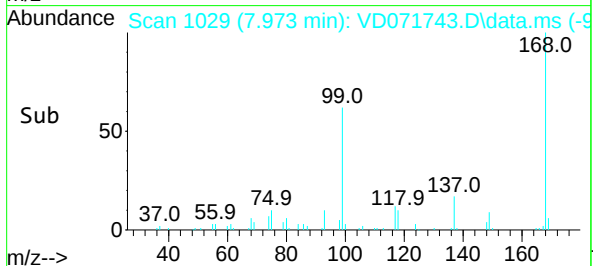
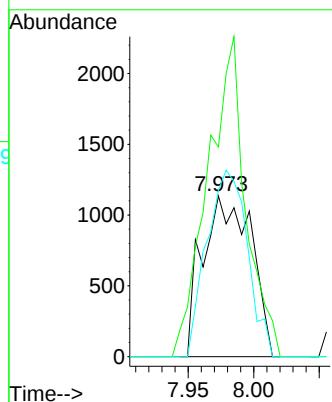
Tgt Ion: 56 Resp: 2927

Ion Ratio Lower Upper

56 100

69 130.5 21.7 32.5#

84 103.6 65.7 98.5#



#33

1,2-Dichloroethane-d4

Concen: 85.867 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD071743.D

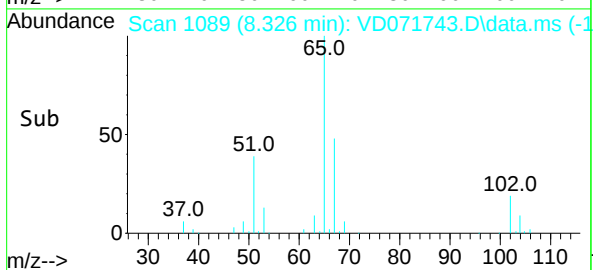
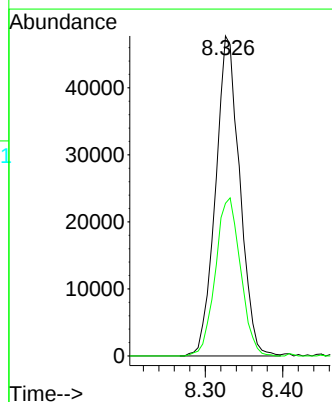
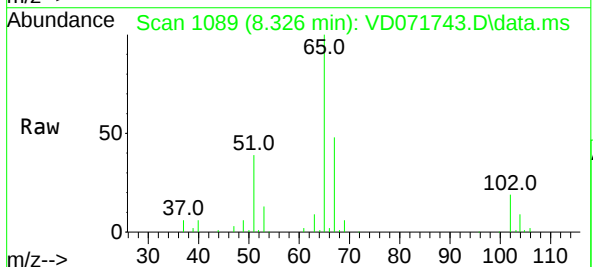
Acq: 19 Jan 2022 14:45

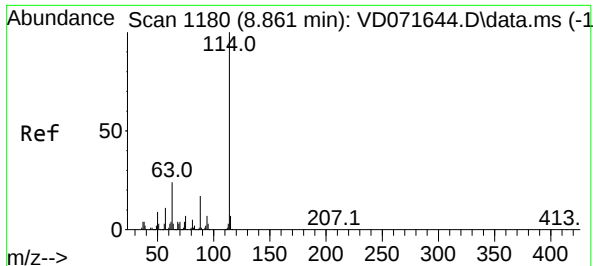
Tgt Ion: 65 Resp: 103477

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071743.D

Acq: 19 Jan 2022 14:45

Instrument :

MSVOA_D

ClientSampleId :

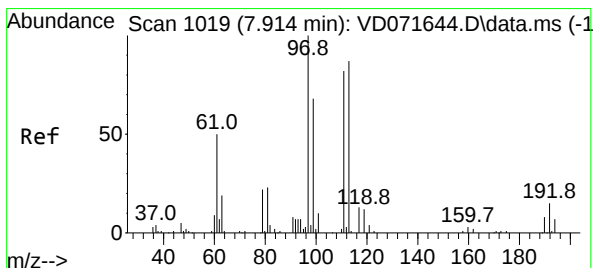
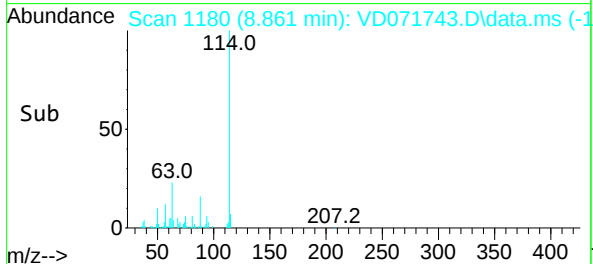
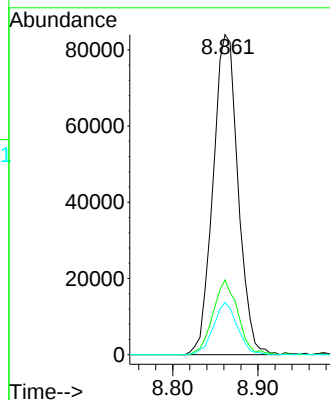
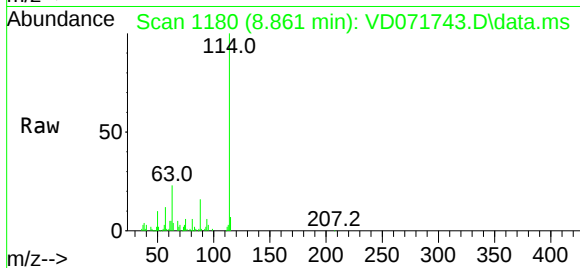
Tgt Ion:114 Resp: 171025

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.2

88 16.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 61.616 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071743.D

Acq: 19 Jan 2022 14:45

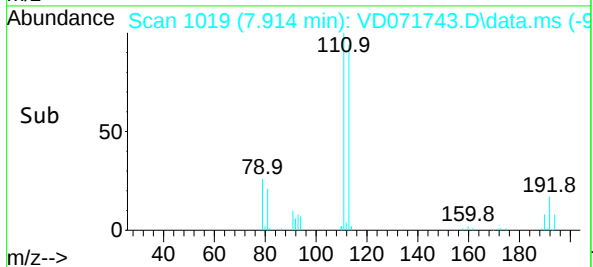
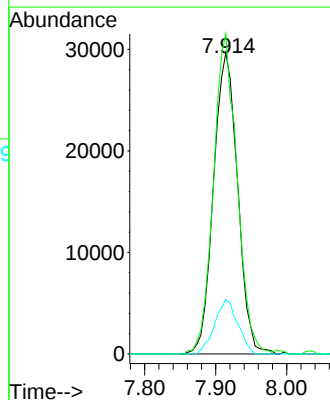
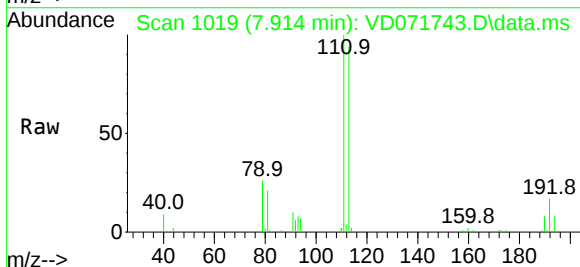
Tgt Ion:113 Resp: 69642

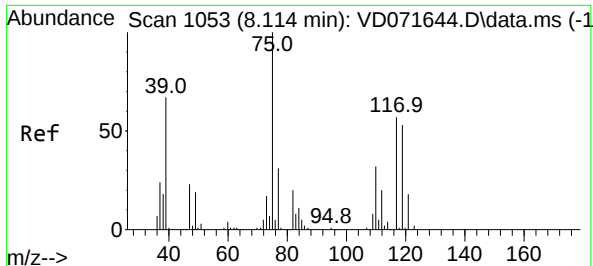
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 17.3 14.2 21.2





#36

1,1-Dichloropropene

Concen: 5.976 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.135 min

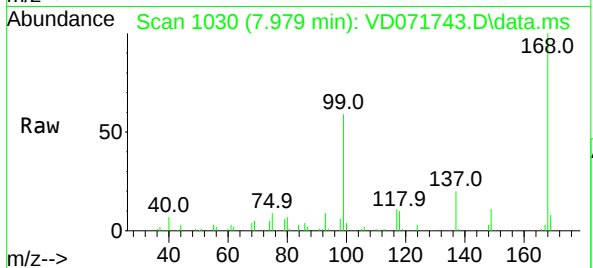
Lab File: VD071743.D

Acq: 19 Jan 2022 14:45

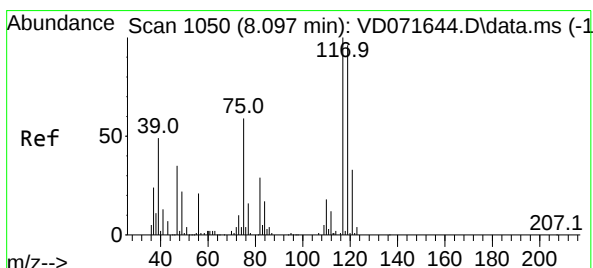
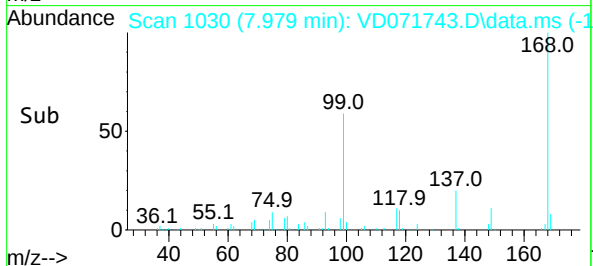
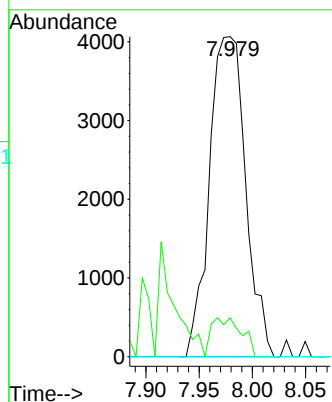
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	9635
Ion	Ratio	Lower	Upper
75	100		
110	10.1	16.0	48.0#
77	0.0	24.5	36.7#



#38

Carbon Tetrachloride

Concen: 6.099 ug/l

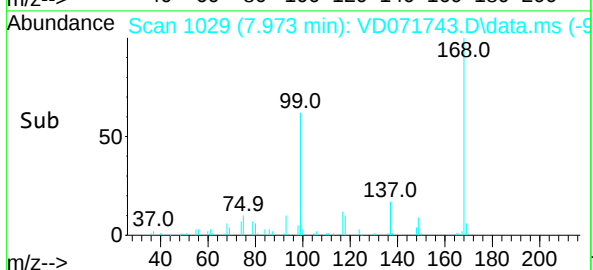
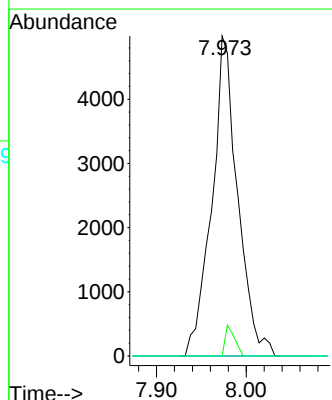
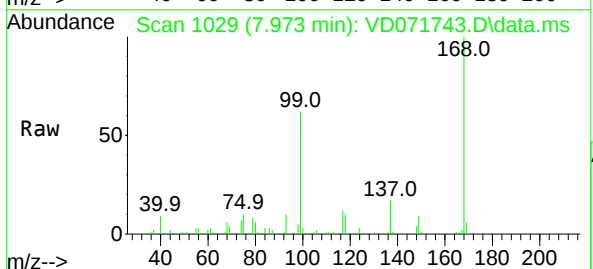
RT: 7.973 min Scan# 1029

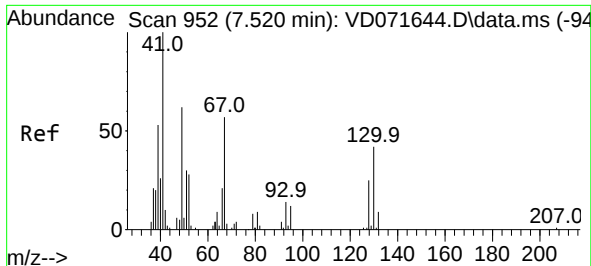
Delta R.T. -0.123 min

Lab File: VD071743.D

Acq: 19 Jan 2022 14:45

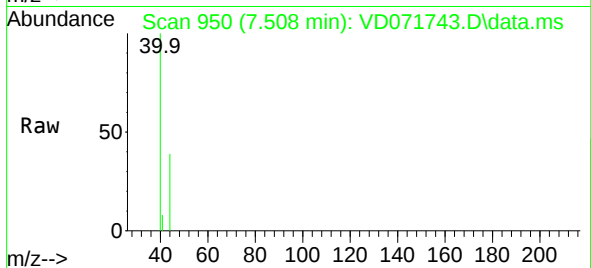
Tgt Ion:	117	Resp:	9959
Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.4	110.2#
121	0.0	23.9	35.9#



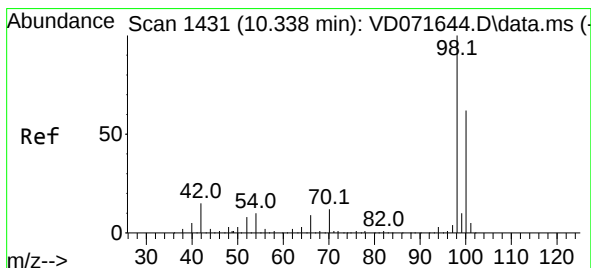
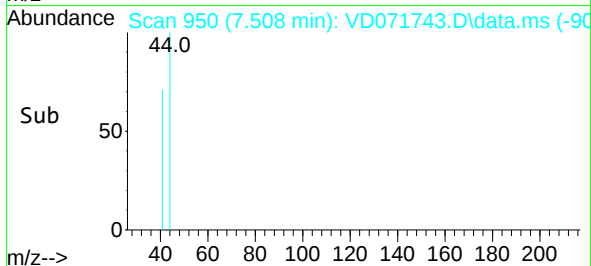
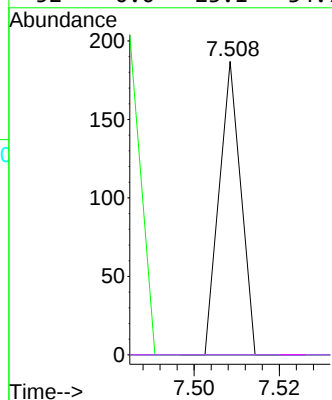


#41
Methacrylonitrile
Concen: 1.270 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

Instrument :
MSVOA_D
ClientSampleId :

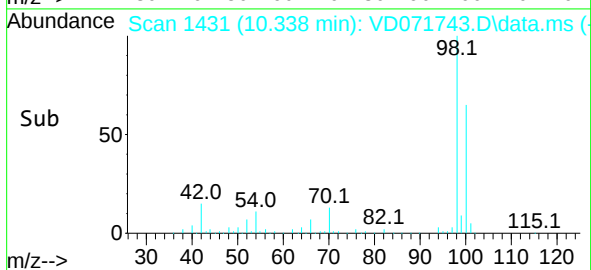
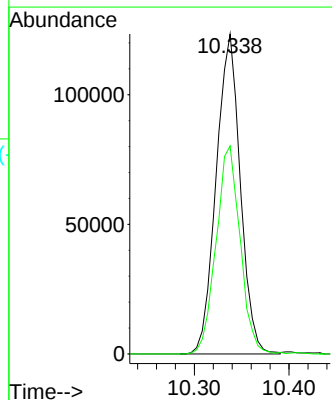
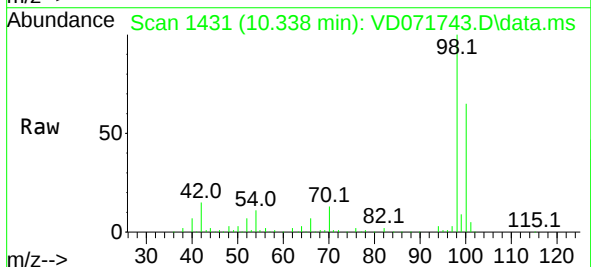


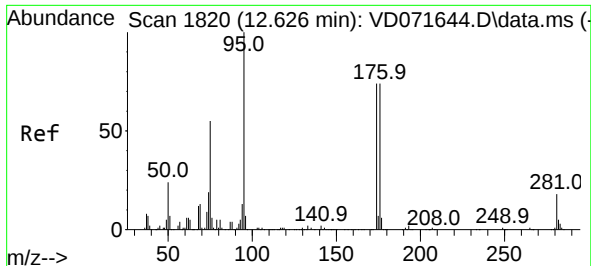
Tgt Ion: 41	Resp: 66
Ion Ratio	Lower Upper
41	100
39	0.0 46.9 70.3#
67	0.0 49.3 73.9#
52	0.0 23.1 34.7#



#50
Toluene-d8
Concen: 51.644 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

Tgt Ion: 98	Resp: 218504
Ion Ratio	Lower Upper
98	100
100	64.9 52.1 78.1

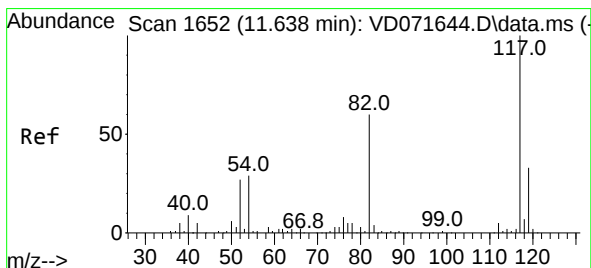
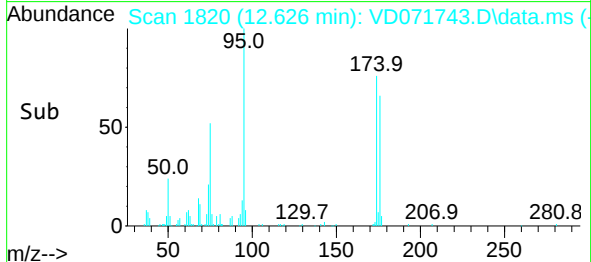
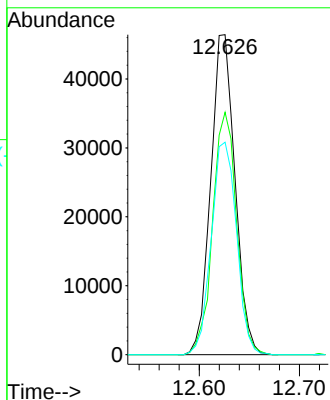
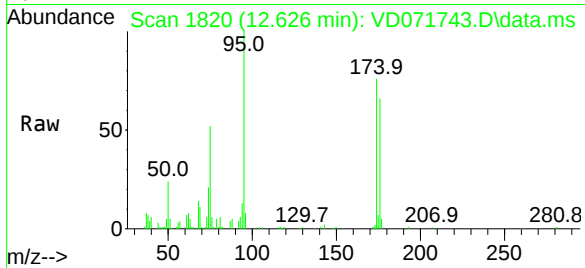




#62
4-Bromofluorobenzene
Concen: 52.391 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

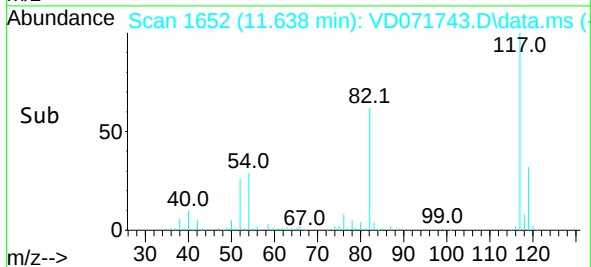
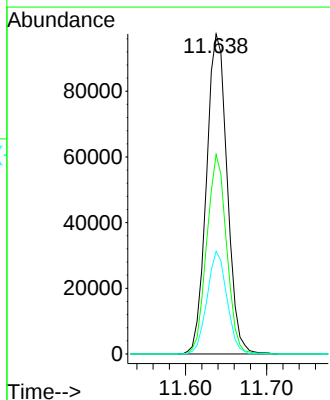
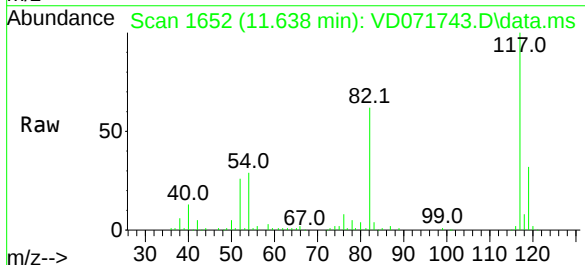
Instrument :
MSVOA_D
ClientSampleId :

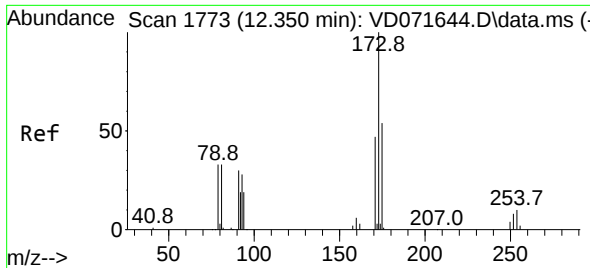
Tgt Ion: 95 Resp: 78109
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.0
176 68.9 0.0 146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.001 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

Tgt Ion: 117 Resp: 172612
Ion Ratio Lower Upper
117 100
82 62.3 46.9 70.3
119 32.1 26.6 39.8

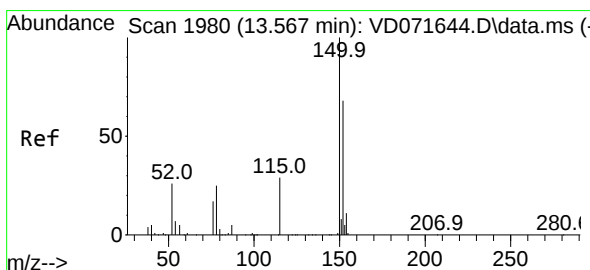
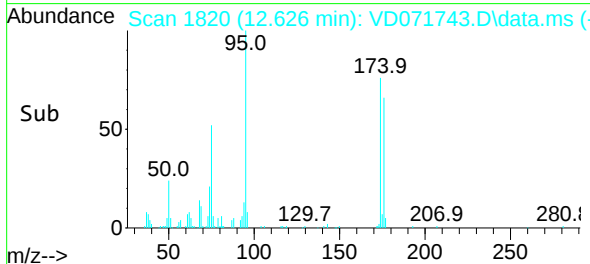
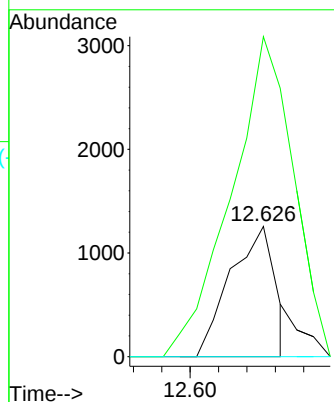
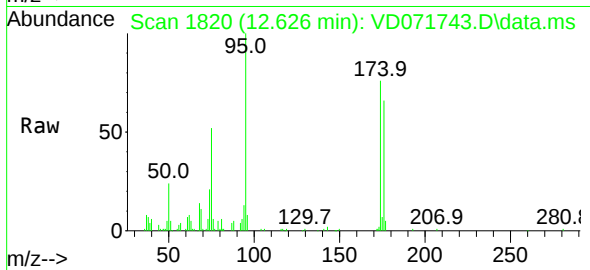




#71
Bromoform
Concen: 2.268 ug/l
RT: 12.626 min Scan# 1773
Delta R.T. 0.271 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

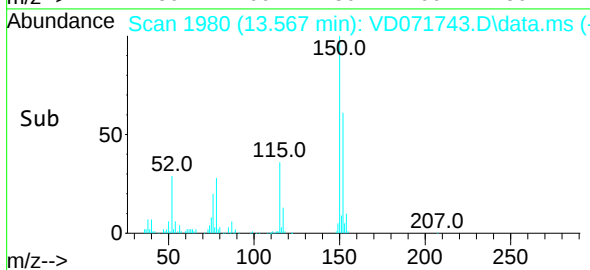
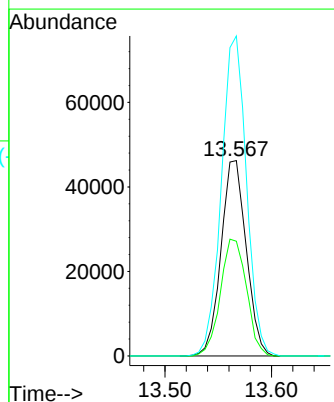
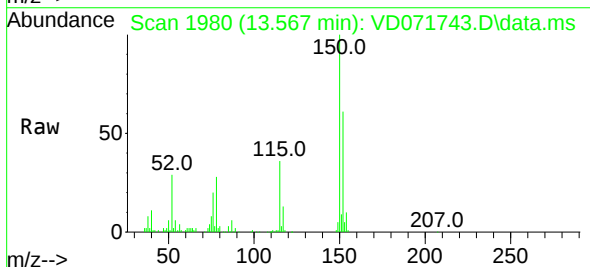
Instrument :
MSVOA_D
ClientSampleId :

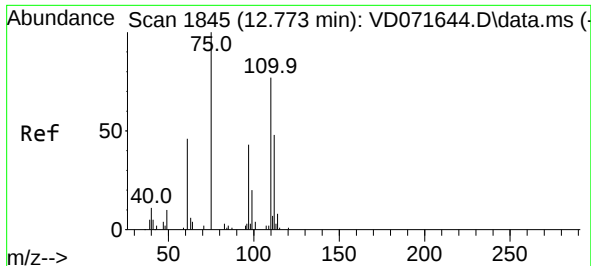
Tgt Ion:173 Resp: 1387
Ion Ratio Lower Upper
173 100
175 280.5 24.4 73.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

Tgt Ion:152 Resp: 76131
Ion Ratio Lower Upper
152 100
115 61.7 31.5 94.5
150 162.8 0.0 348.0

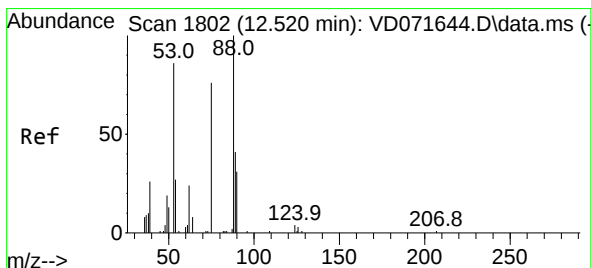
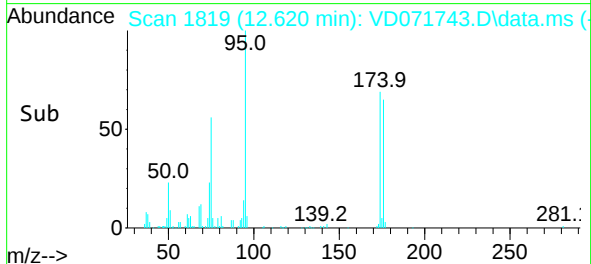
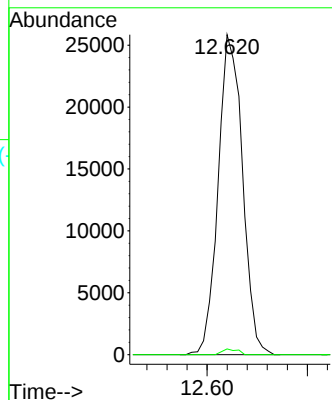
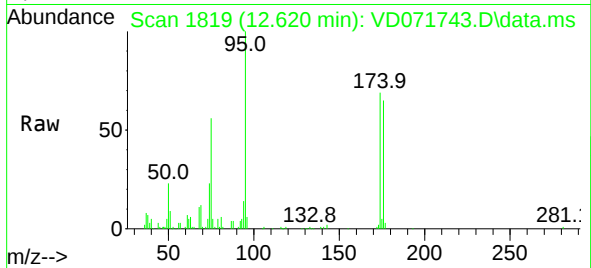




#76
1,2,3-Trichloropropane
Concen: 59.089 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 43468
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 164.733 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

Tgt Ion: 75 Resp: 43468
Ion Ratio Lower Upper
75 100
53 0.2 95.4 143.0#
89 0.0 37.2 55.8#

