

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071751.D
 Acq On : 19 Jan 2022 18:33
 Operator : VA/SY
 Sample : N1189-29
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 20 05:00:36 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)

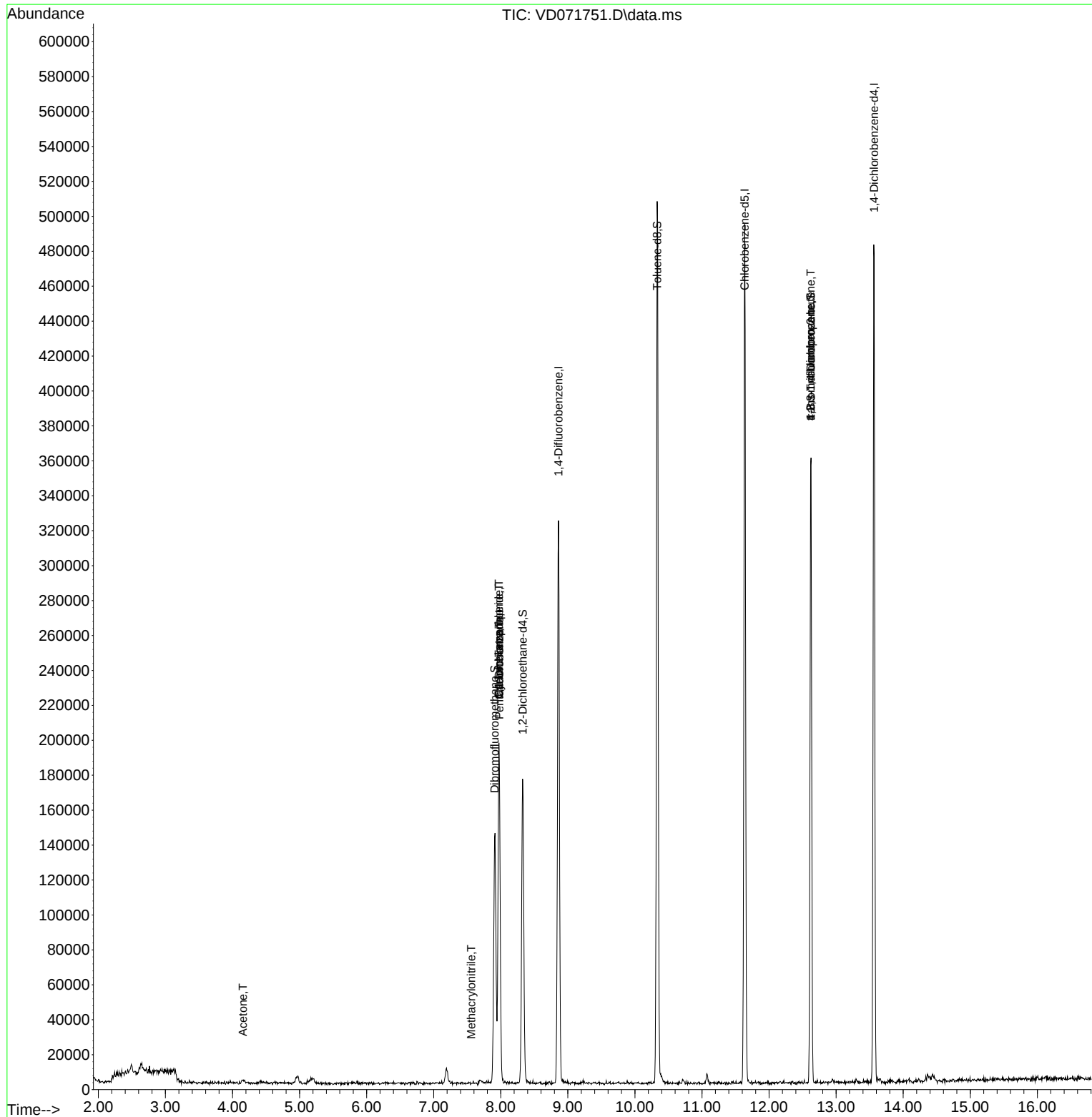
Internal Standards						
1) Pentafluorobenzene	7.979	168	128472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	250167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	254675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	117206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	140327	84.889	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 169.780%#	
35) Dibromofluoromethane	7.908	113	99855	60.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.800%	
50) Toluene-d8	10.332	98	330285	53.368	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.740%	
62) 4-Bromofluorobenzene	12.620	95	112645	51.654	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.220	50	213	Below Cal	#	43
5) Bromomethane	2.773	94	99	Below Cal	#	15
11) Tert butyl alcohol	5.191	59	3395	Below Cal	#	75
16) Acetone	4.155	43	3706	9.710	ug/l #	85
18) Methyl Acetate	4.650	43	78	Below Cal	#	56
20) Methylene Chloride	4.955	84	1728	Below Cal	#	63
31) Cyclohexane	7.973	56	4406	2.234	ug/l #	47
36) 1,1-Dichloropropene	7.973	75	13597	5.765	ug/l #	45
38) Carbon Tetrachloride	7.973	117	14389	6.025	ug/l #	20
41) Methacrylonitrile	7.561	41	69	1.230	ug/l #	25
76) 1,2,3-Trichloropropane	12.620	75	66160	58.418	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	66160	162.861	ug/l #	3

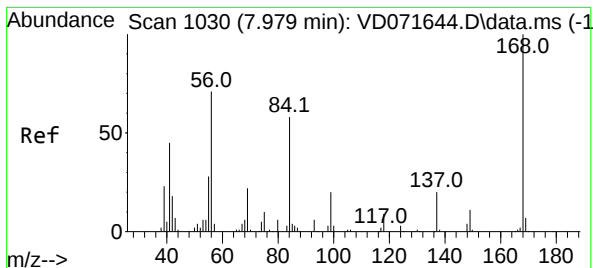
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

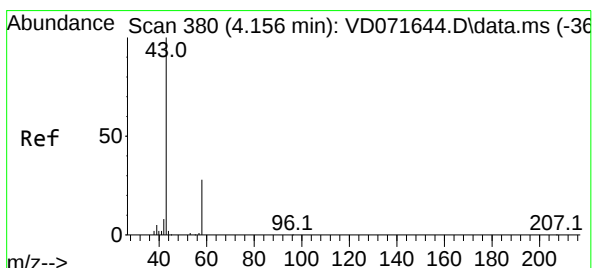
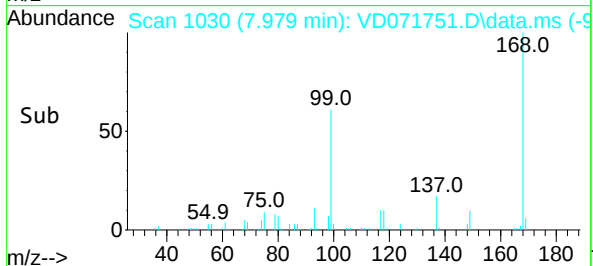
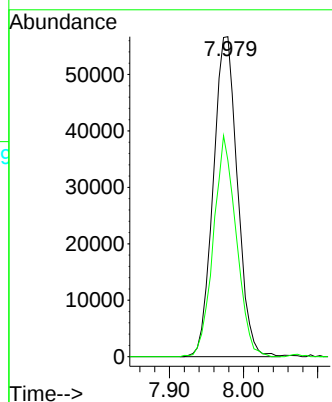
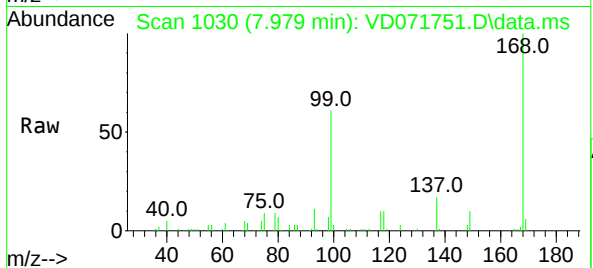




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD071751.D
Acq: 19 Jan 2022 18:33

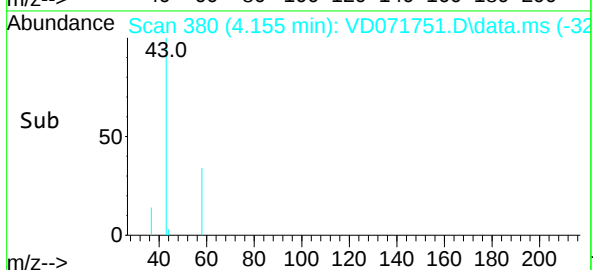
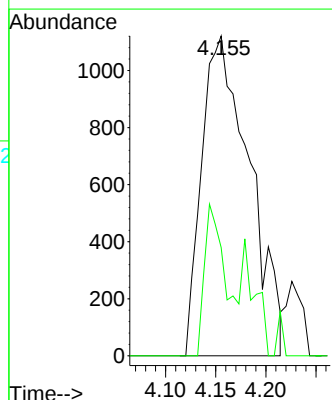
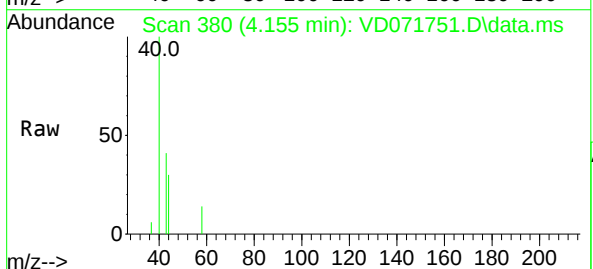
Instrument :
MSVOA_D
ClientSampleId :

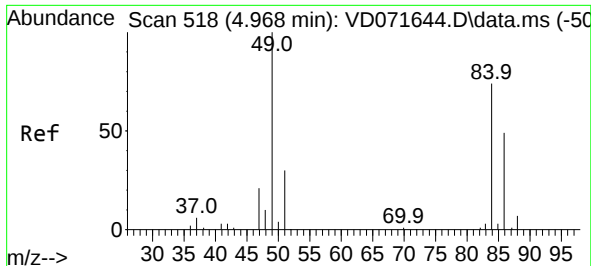
Tgt Ion:168 Resp: 128472
Ion Ratio Lower Upper
168 100
99 61.4 51.8 77.6



#16
Acetone
Concen: 9.710 ug/l
RT: 4.155 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071751.D
Acq: 19 Jan 2022 18:33

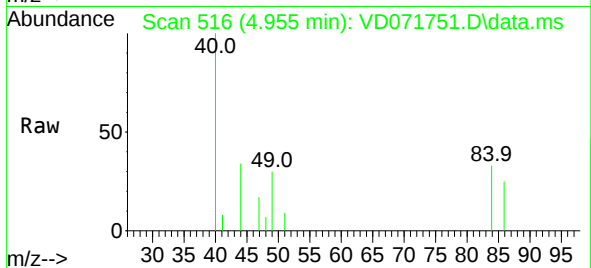
Tgt Ion: 43 Resp: 3706
Ion Ratio Lower Upper
43 100
58 33.9 21.0 31.6#



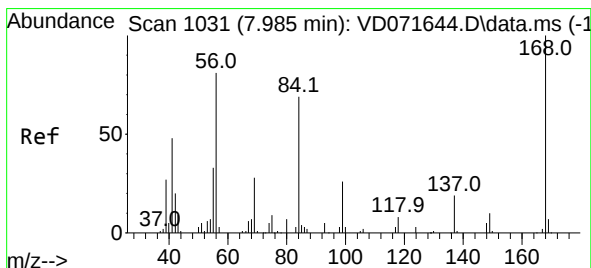
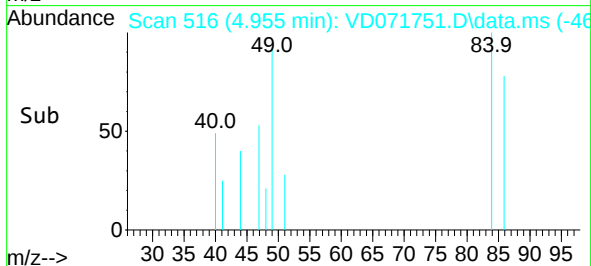
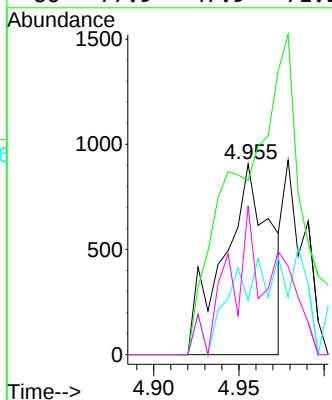


#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD071751.D
Acq: 19 Jan 2022 18:33

Instrument :
MSVOA_D
ClientSampleId :

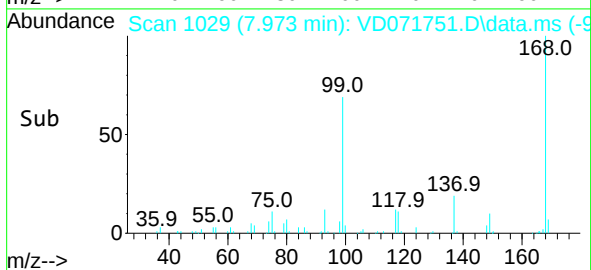
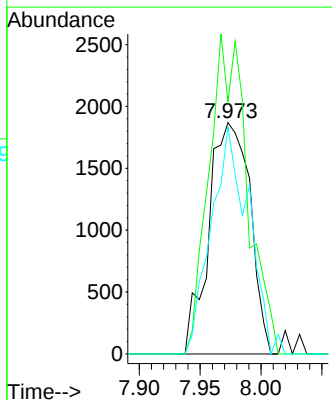
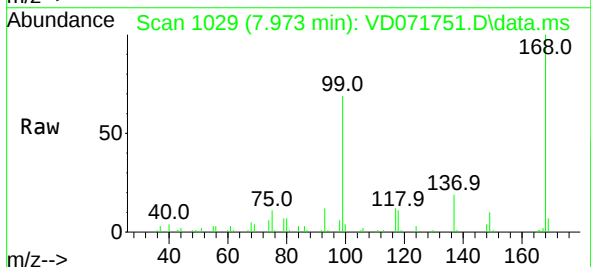


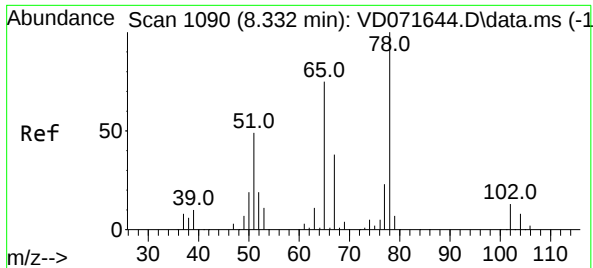
Tgt Ion: 84 Resp: 1728
Ion Ratio Lower Upper
84 100
49 91.5 118.6 178.0#
51 28.5 37.8 56.6#
86 77.9 47.9 71.9#



#31
Cyclohexane
Concen: 2.234 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD071751.D
Acq: 19 Jan 2022 18:33

Tgt Ion: 56 Resp: 4406
Ion Ratio Lower Upper
56 100
69 109.1 21.7 32.5#
84 98.0 65.7 98.5





#33

1,2-Dichloroethane-d4

Concen: 84.889 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071751.D

Acq: 19 Jan 2022 18:33

Instrument :

MSVOA_D

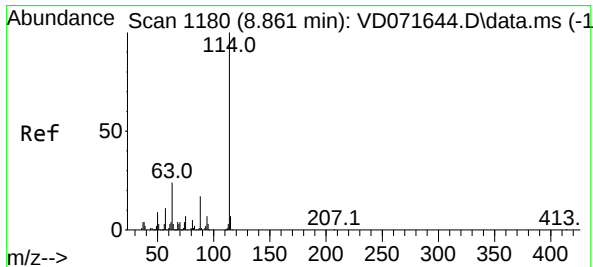
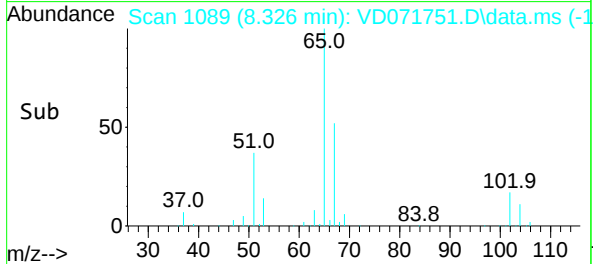
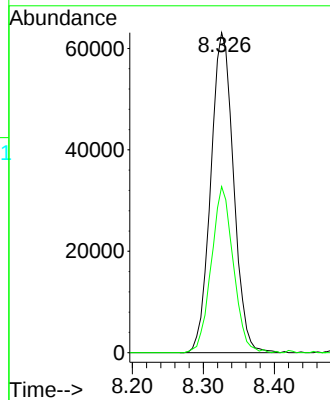
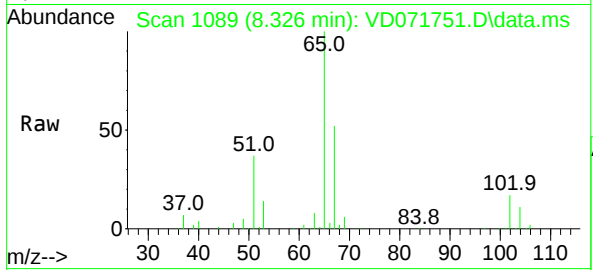
ClientSampleId :

Tgt Ion: 65 Resp: 140327

Ion Ratio Lower Upper

65 100

67 50.2 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: VD071751.D

Acq: 19 Jan 2022 18:33

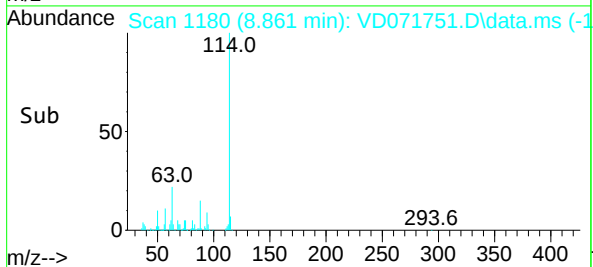
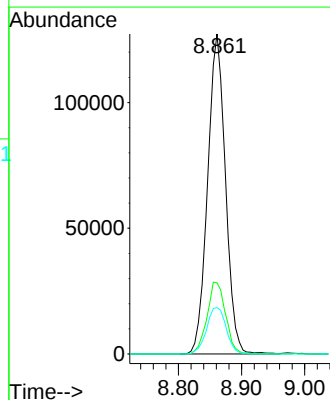
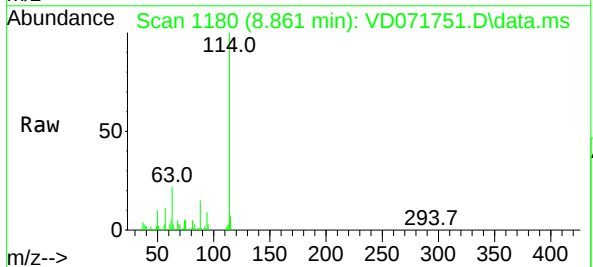
Tgt Ion: 114 Resp: 250167

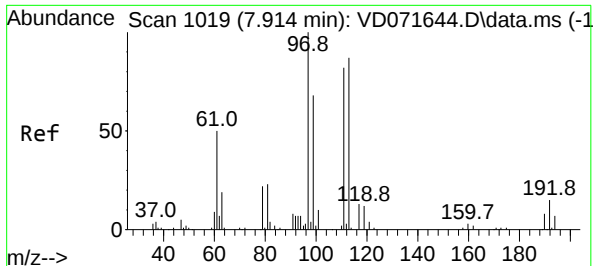
Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.2

88 14.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 60.398 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

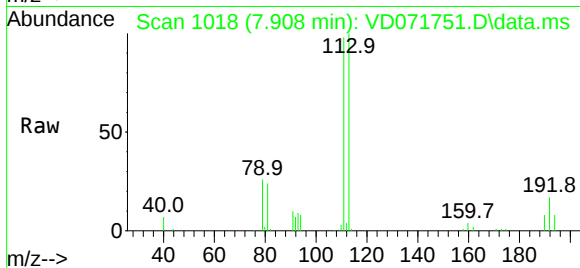
Lab File: VD071751.D

Acq: 19 Jan 2022 18:33

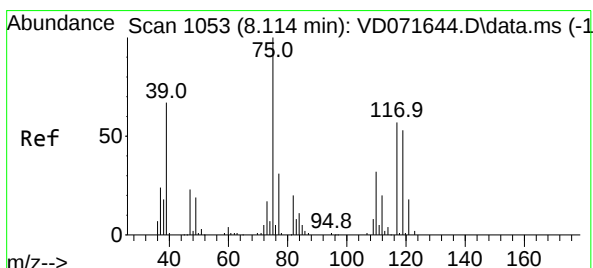
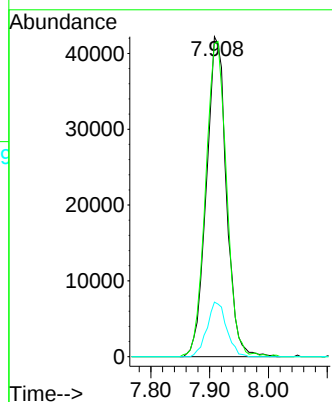
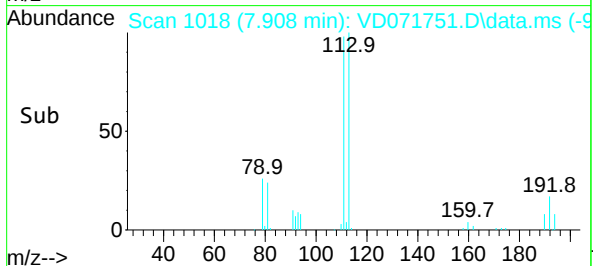
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	99855
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	16.6	14.2	21.2



#36

1,1-Dichloropropene

Concen: 5.765 ug/l

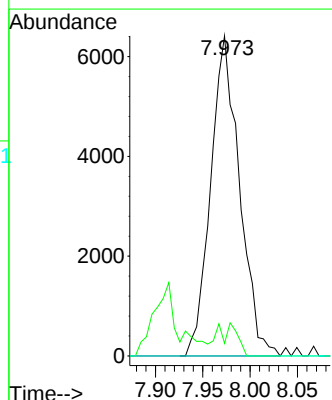
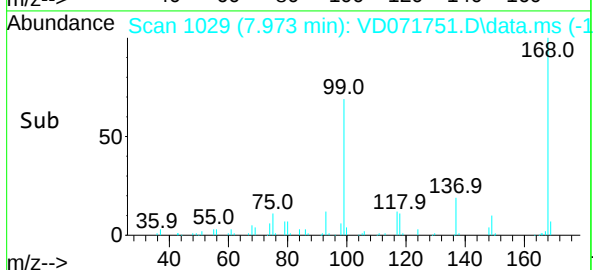
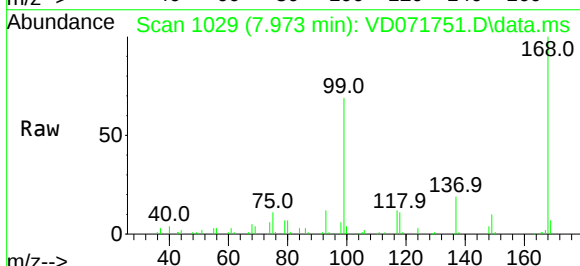
RT: 7.973 min Scan# 1029

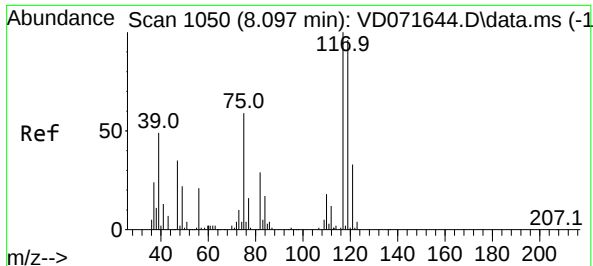
Delta R.T. -0.141 min

Lab File: VD071751.D

Acq: 19 Jan 2022 18:33

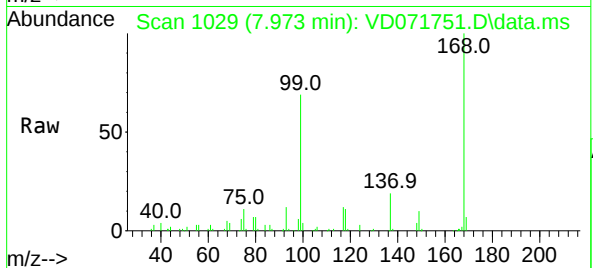
Tgt Ion:	75	Resp:	13597
Ion	Ratio	Lower	Upper
75	100		
110	1.4	16.0	48.0#
77	0.0	24.5	36.7#



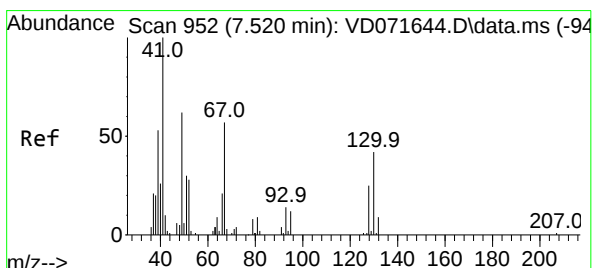
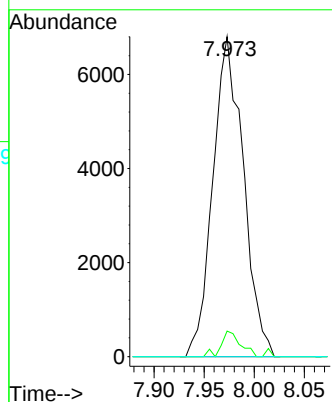
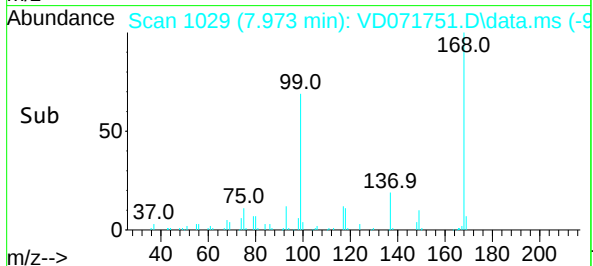


#38
Carbon Tetrachloride
Concen: 6.025 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.123 min
Lab File: VD071751.D
Acq: 19 Jan 2022 18:33

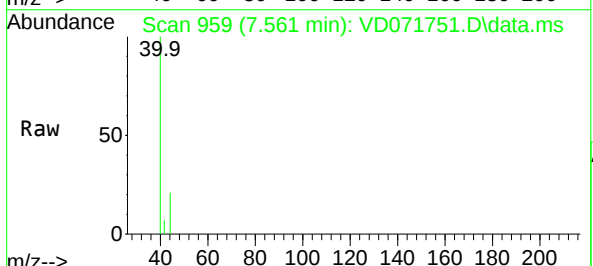
Instrument :
MSVOA_D
ClientSampleId :



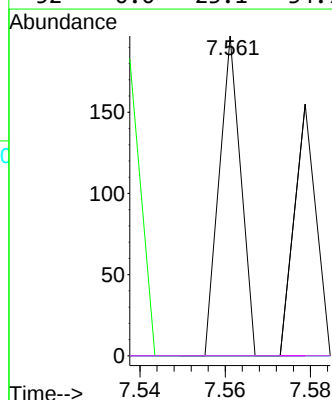
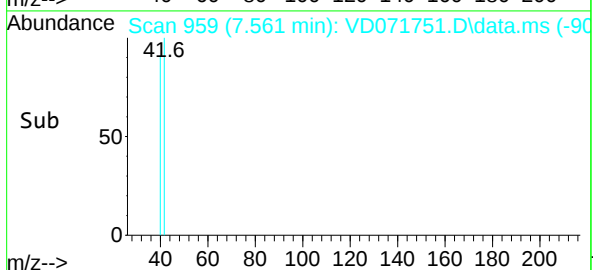
Tgt Ion:117 Resp: 14389
Ion Ratio Lower Upper
117 100
119 8.0 73.4 110.2#
121 0.0 23.9 35.9#

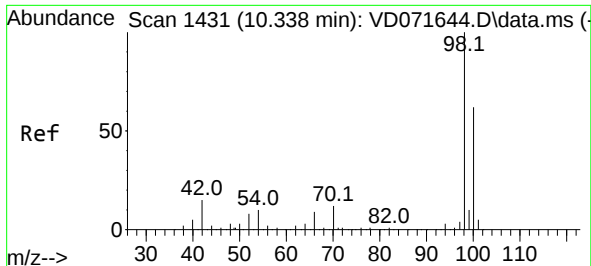


#41
Methacrylonitrile
Concen: 1.230 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.041 min
Lab File: VD071751.D
Acq: 19 Jan 2022 18:33



Tgt Ion: 41 Resp: 69
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#

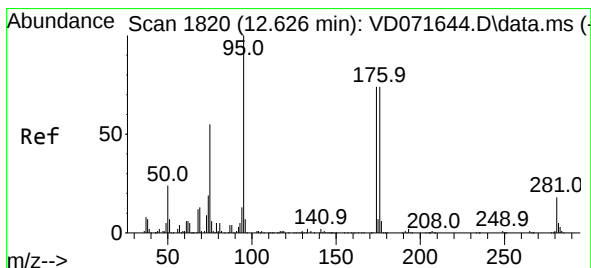
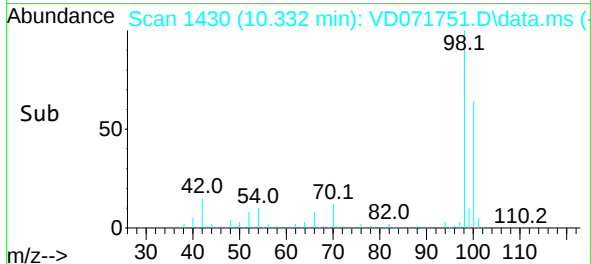
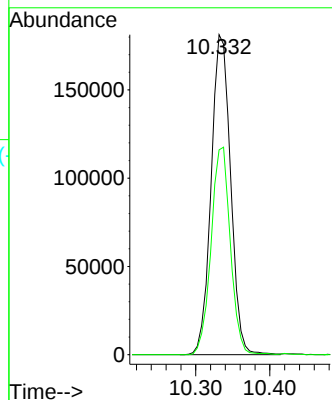
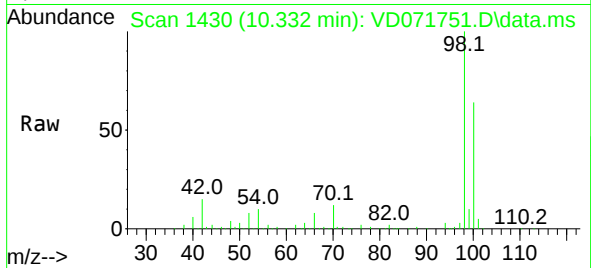




#50
Toluene-d8
Concen: 53.368 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071751.D
Acq: 19 Jan 2022 18:33

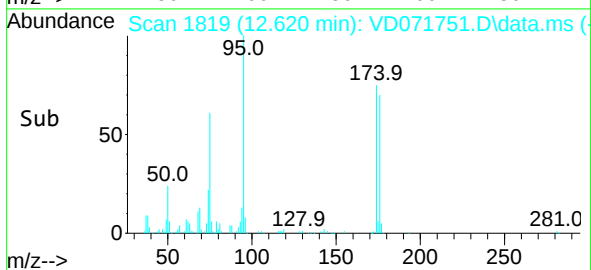
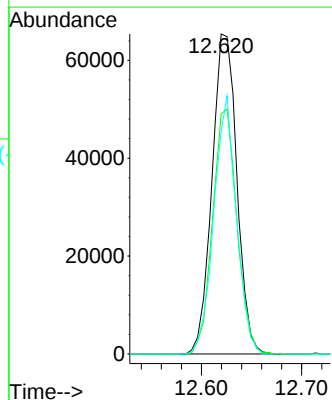
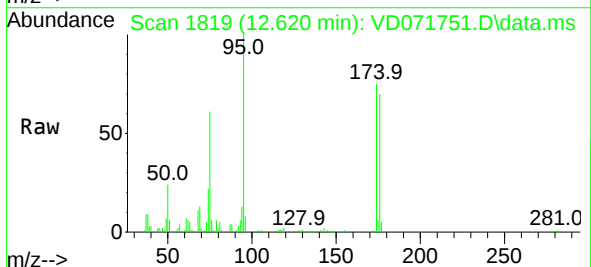
Instrument :
MSVOA_D
ClientSampleId :

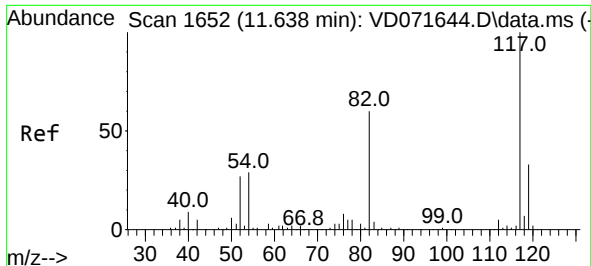
Tgt Ion: 98 Resp: 330285
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 51.654 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071751.D
Acq: 19 Jan 2022 18:33

Tgt Ion: 95 Resp: 112645
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.0
176 73.0 0.0 146.4

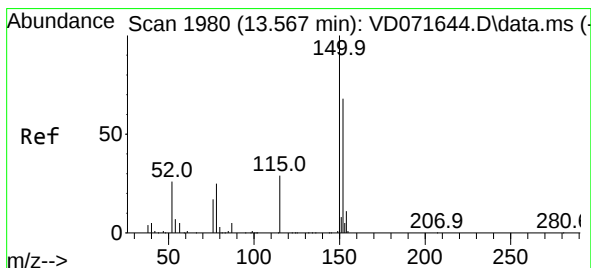
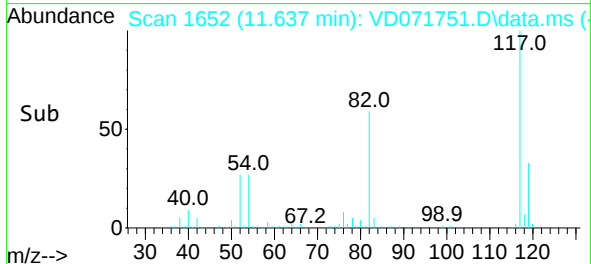
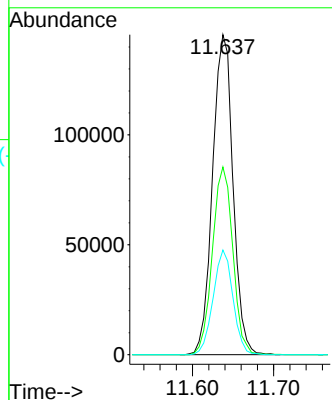
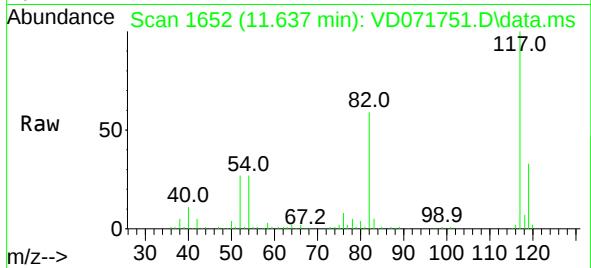




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD071751.D
Acq: 19 Jan 2022 18:33

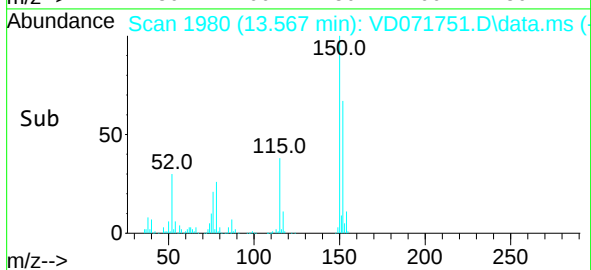
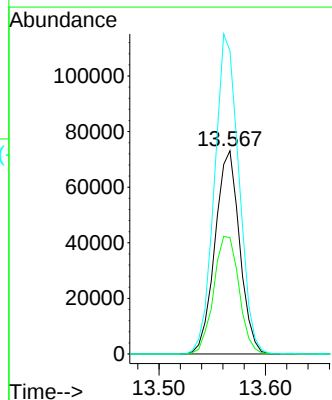
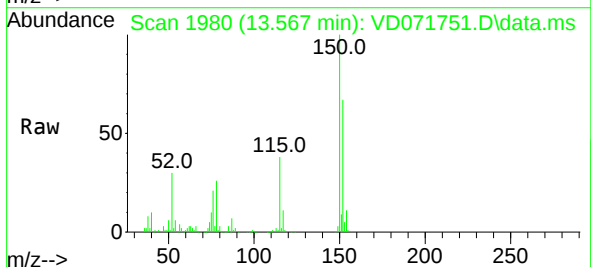
Instrument :
MSVOA_D
ClientSampleId :

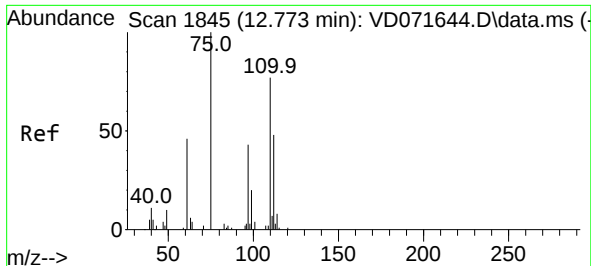
Tgt Ion:117 Resp: 254675
Ion Ratio Lower Upper
117 100
82 58.6 46.9 70.3
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071751.D
Acq: 19 Jan 2022 18:33

Tgt Ion:152 Resp: 117206
Ion Ratio Lower Upper
152 100
115 59.7 31.5 94.5
150 156.5 0.0 348.0

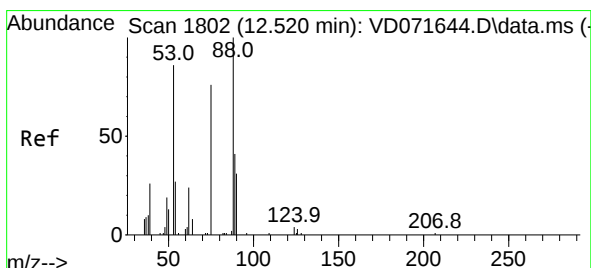
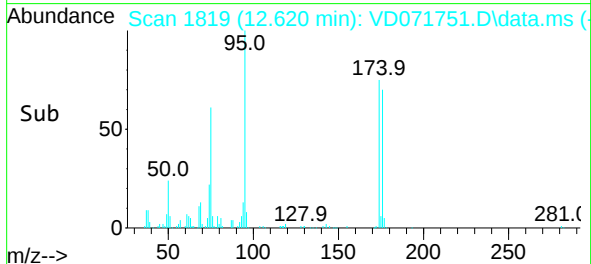
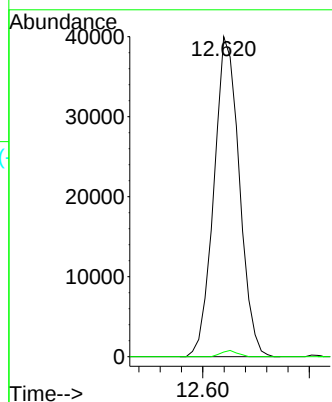
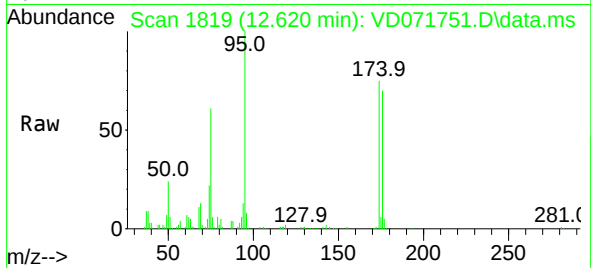




#76
1,2,3-Trichloropropane
Concen: 58.418 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071751.D
Acq: 19 Jan 2022 18:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 66160
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 162.861 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071751.D
Acq: 19 Jan 2022 18:33

Tgt Ion: 75 Resp: 66160
Ion Ratio Lower Upper
75 100
53 0.0 95.4 143.0#
89 0.2 37.2 55.8#

