

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011122\
 Data File : VD071675.D
 Acq On : 11 Jan 2022 17:30
 Operator : VA/SY
 Sample : N1107-03
 Misc : 4.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-04-011122

Quant Time: Jan 12 04:27:43 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)

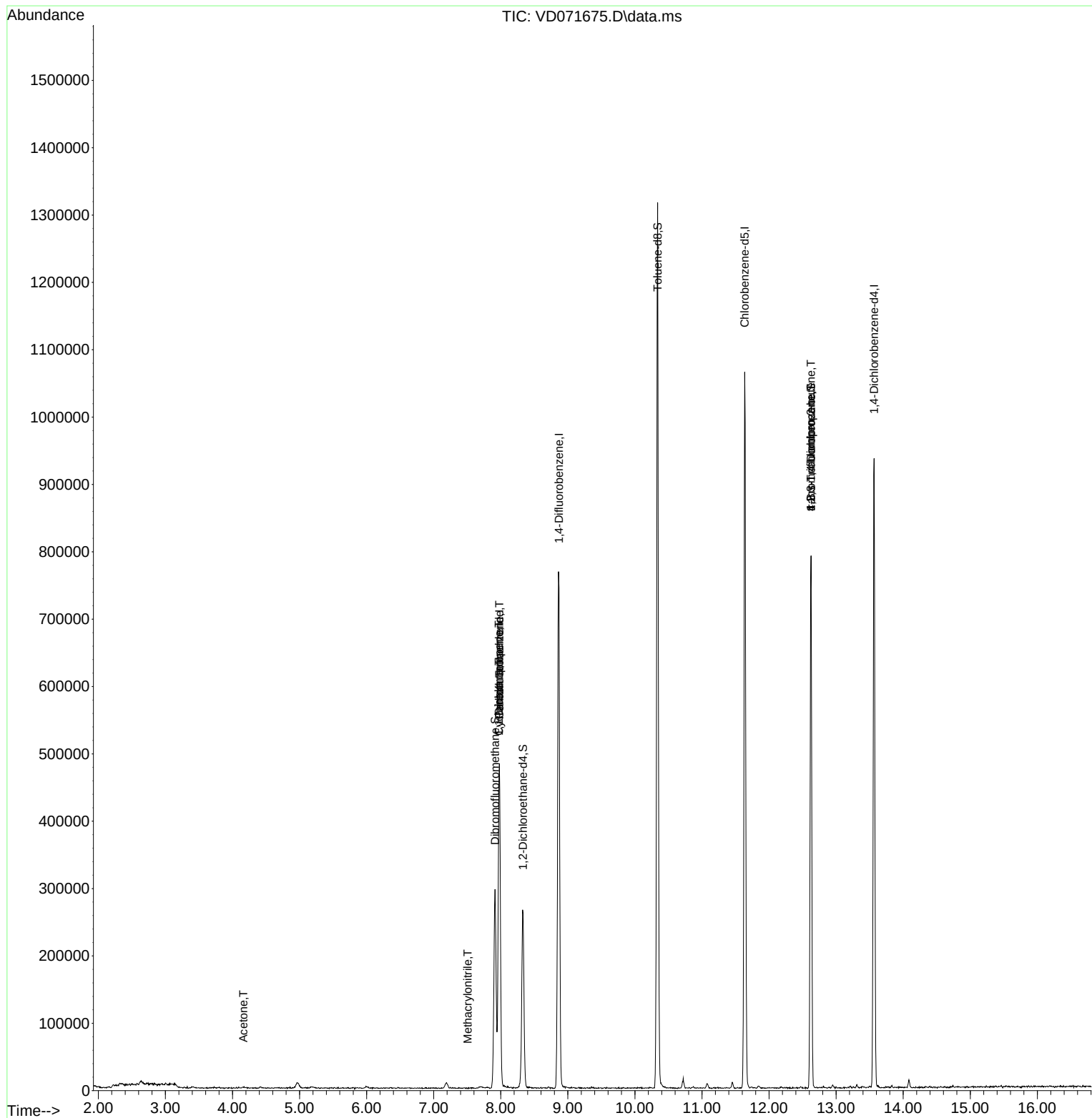
Internal Standards						
1) Pentafluorobenzene	7.979	168	334821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	623946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	549020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	225713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	210821	48.935	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.860%		
35) Dibromofluoromethane	7.914	113	200483	48.620	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.240%		
50) Toluene-d8	10.338	98	804821	52.140	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.280%		
62) 4-Bromofluorobenzene	12.626	95	238852	43.914	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	87.820%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	422	Below Cal		82
3) Chloromethane	2.220	50	488	Below Cal	#	1
5) Bromomethane	2.768	94	223	Below Cal	#	10
11) Tert butyl alcohol	5.197	59	2052	Below Cal	#	75
16) Acetone	4.162	43	2395	2.408 ug/l	#	85
18) Methyl Acetate	4.638	43	59	Below Cal	#	56
20) Methylene Chloride	4.973	84	5443	Below Cal		91
31) Cyclohexane	7.973	56	10874	2.133 ug/l	#	45
36) 1,1-Dichloropropene	7.973	75	30885	5.251 ug/l	#	53
38) Carbon Tetrachloride	7.979	117	38512	6.465 ug/l	#	18
41) Methacrylonitrile	7.508	41	75	1.174 ug/l	#	25
76) 1,2,3-Trichloropropane	12.626	75	134416	61.630 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.626	75	134416	171.817 ug/l	#	3

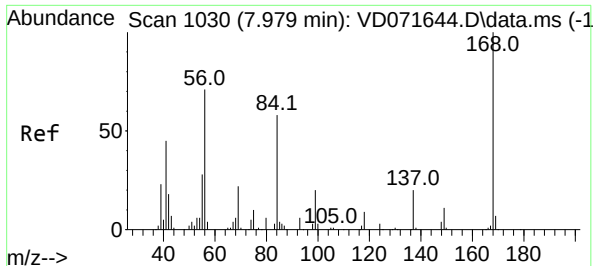
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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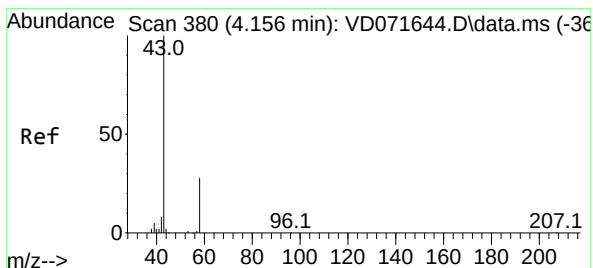
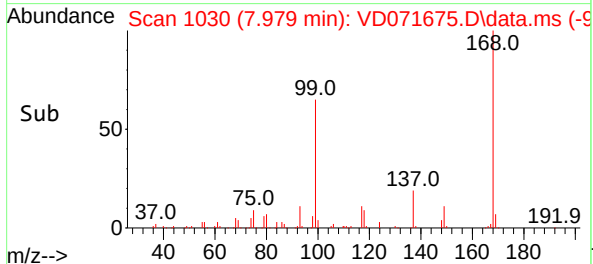
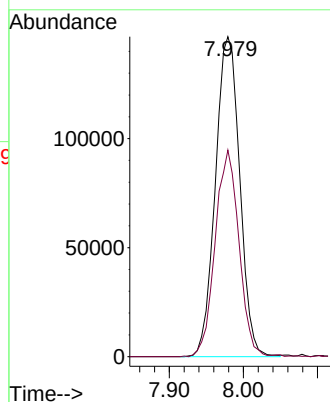
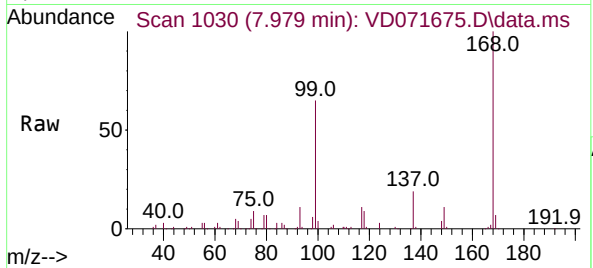




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

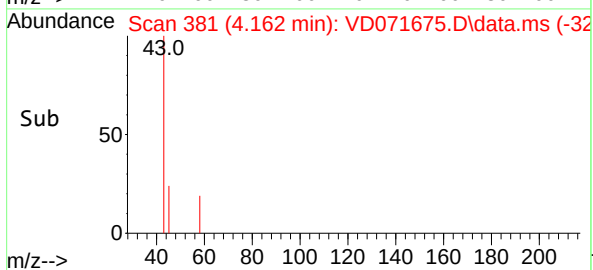
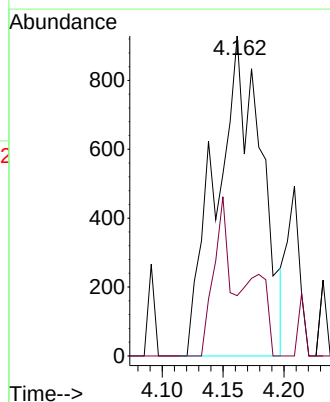
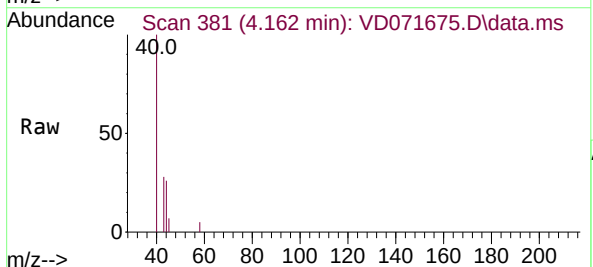
Instrument :
MSVOA_D
ClientSampleId :
PT-04-011122

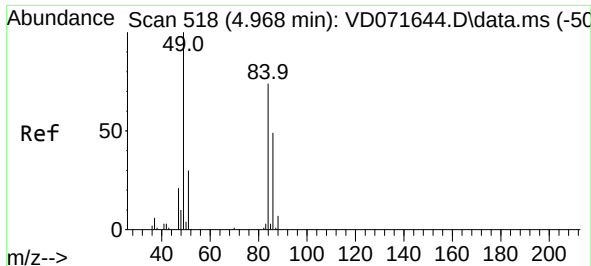
Tgt Ion:168 Resp: 334821
Ion Ratio Lower Upper
168 100
99 64.5 51.8 77.6



#16
Acetone
Concen: 2.408 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

Tgt Ion: 43 Resp: 2395
Ion Ratio Lower Upper
43 100
58 18.8 21.0 31.6#

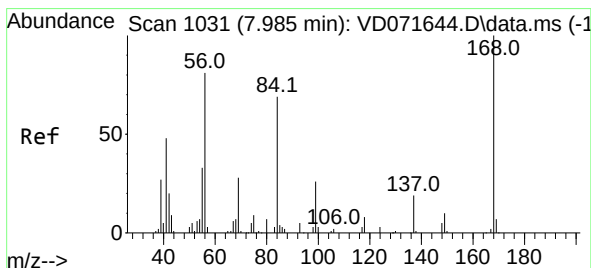
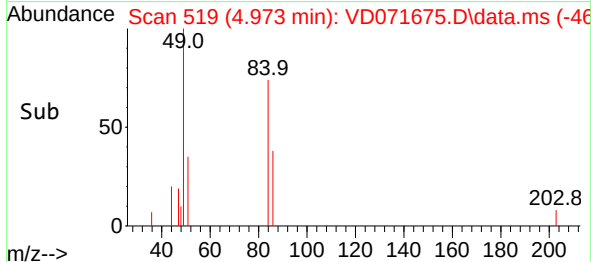
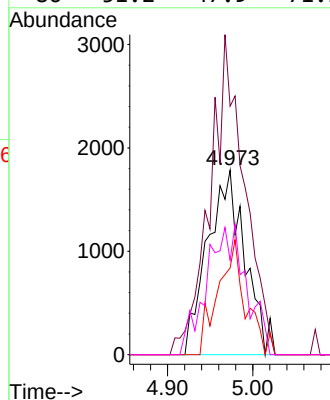
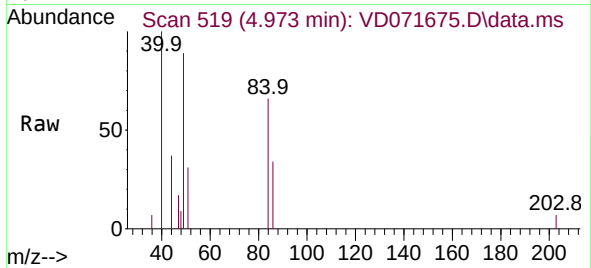




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

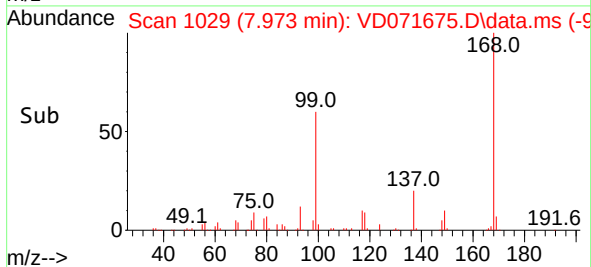
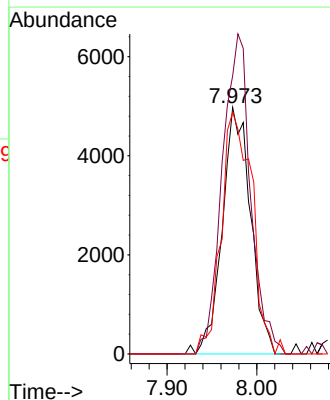
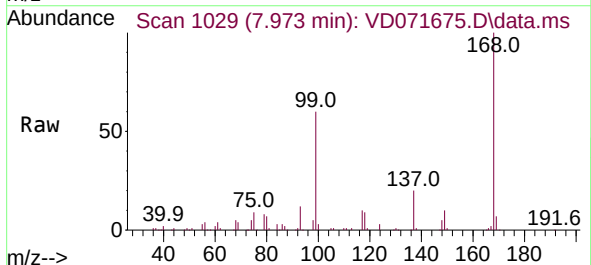
Instrument :
MSVOA_D
ClientSampleId :
PT-04-011122

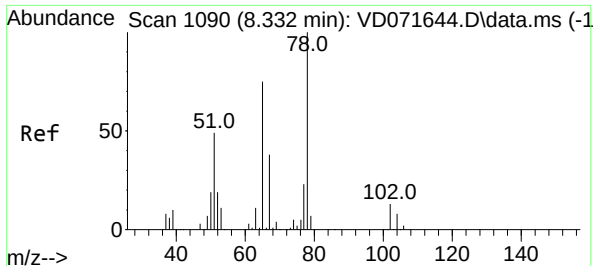
Tgt Ion:	84	Resp:	5443
Ion	Ratio	Lower	Upper
84	100		
49	134.8	118.6	178.0
51	47.0	37.8	56.6
86	51.2	47.9	71.9



#31
Cyclohexane
Concen: 2.133 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

Tgt Ion:	56	Resp:	10874
Ion	Ratio	Lower	Upper
56	100		
69	112.9	21.7	32.5#
84	98.1	65.7	98.5





#33

1,2-Dichloroethane-d4

Concen: 48.935 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD071675.D

Acq: 11 Jan 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

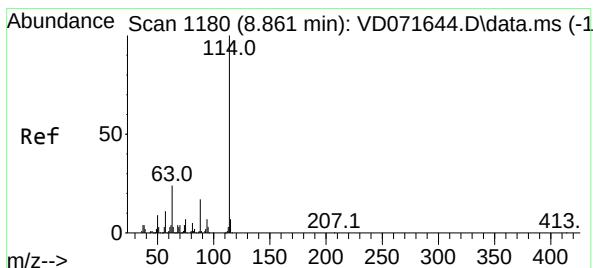
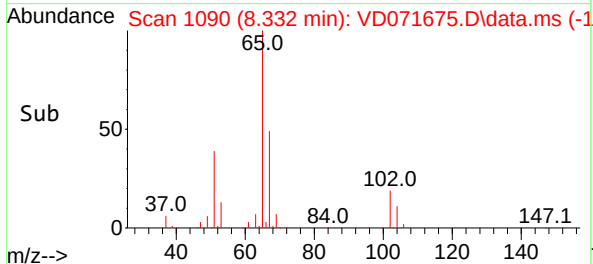
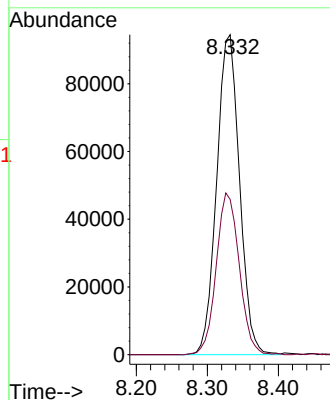
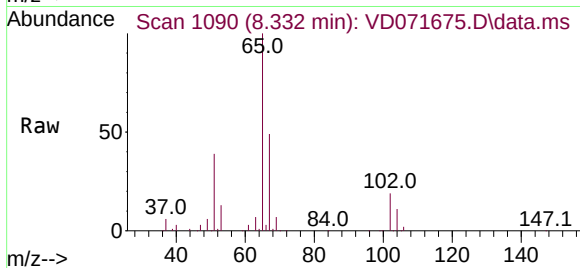
PT-04-011122

Tgt Ion: 65 Resp: 210821

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD071675.D

Acq: 11 Jan 2022 17:30

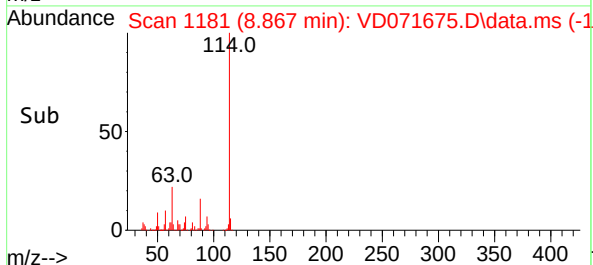
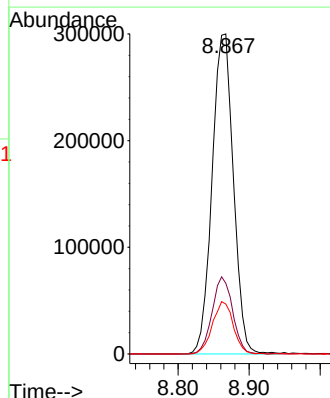
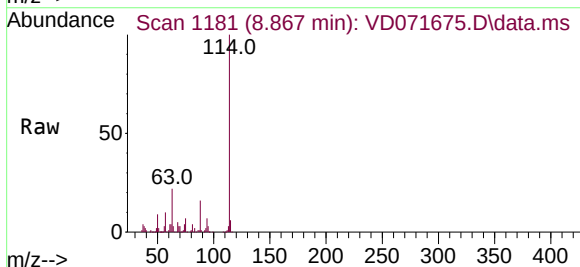
Tgt Ion: 114 Resp: 623946

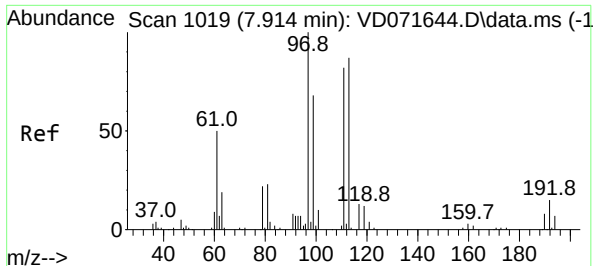
Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.2

88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.620 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071675.D

Acq: 11 Jan 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

PT-04-011122

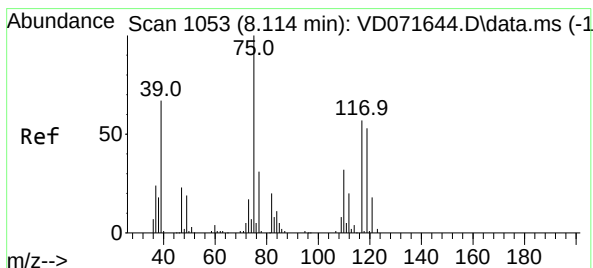
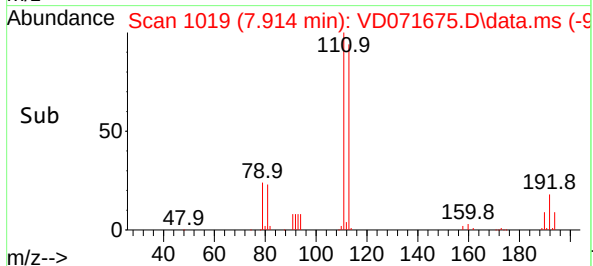
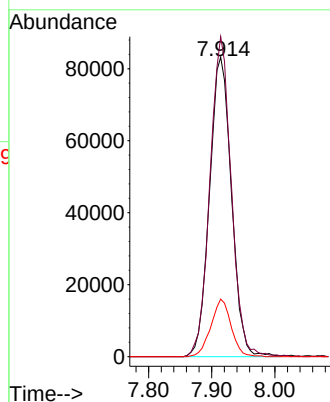
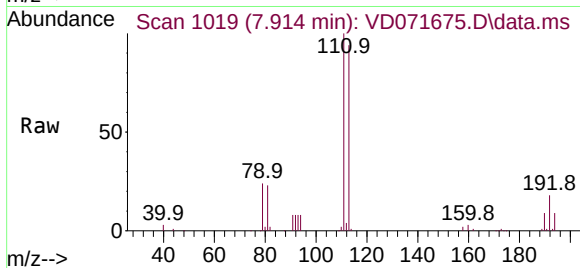
Tgt Ion:113 Resp: 200483

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 17.8 14.2 21.2



#36

1,1-Dichloropropene

Concen: 5.251 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071675.D

Acq: 11 Jan 2022 17:30

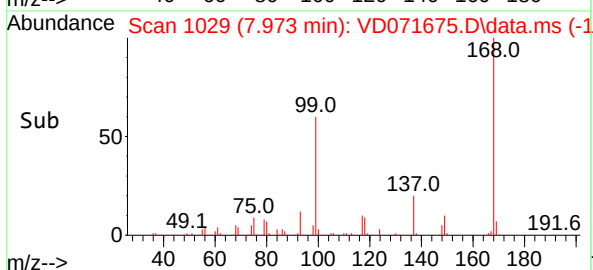
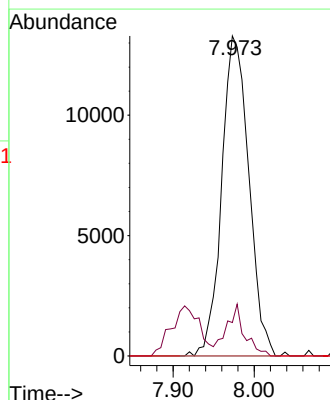
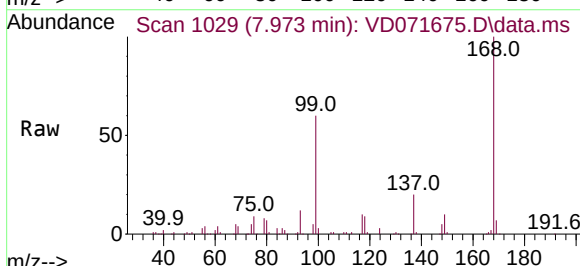
Tgt Ion: 75 Resp: 30885

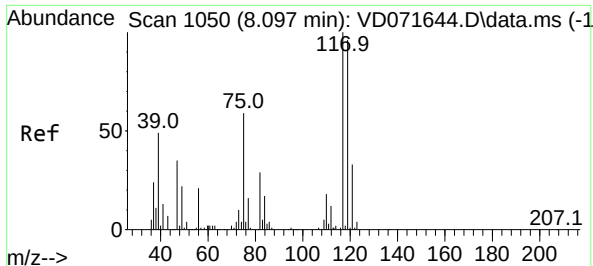
Ion Ratio Lower Upper

75 100

110 10.7 16.0 48.0#

77 0.0 24.5 36.7#

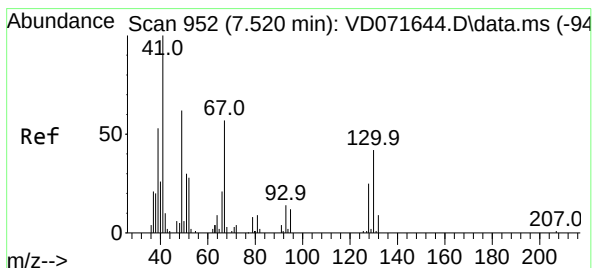
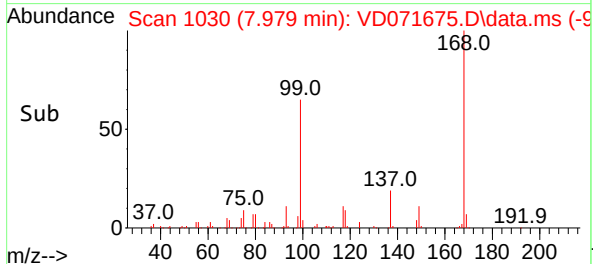
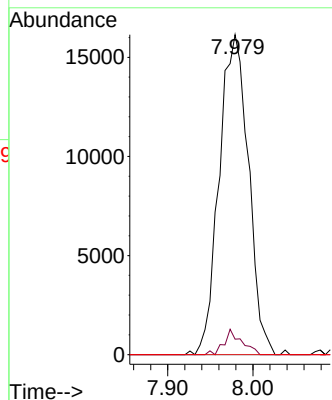
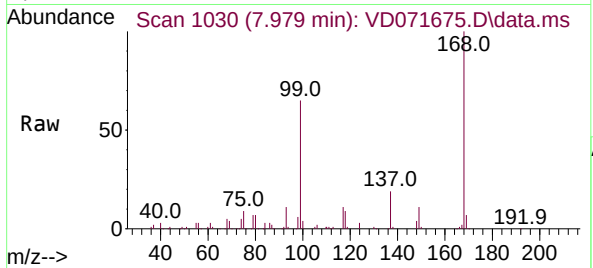




#38
Carbon Tetrachloride
Concen: 6.465 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.117 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

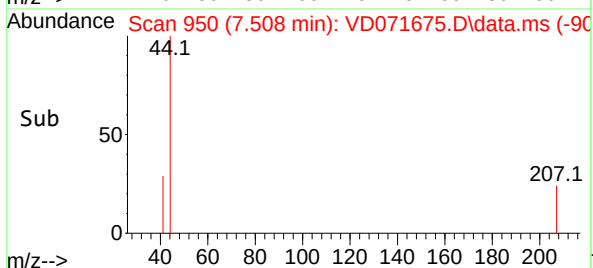
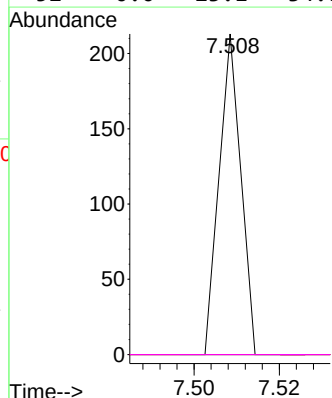
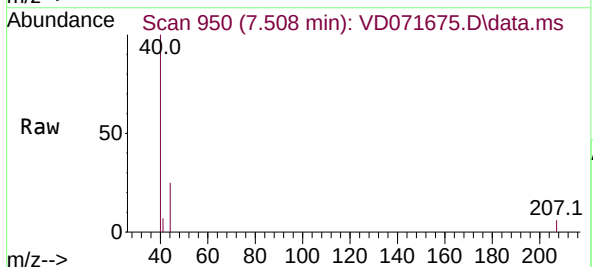
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ClientSampleId :
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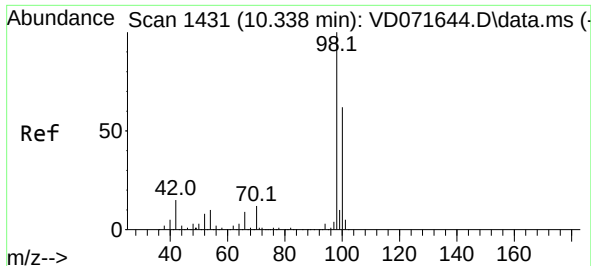
Tgt Ion:117 Resp: 38512
Ion Ratio Lower Upper
117 100
119 4.9 73.4 110.2#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 1.174 ug/l
RT: 7.508 min Scan# 950
Delta R.T. -0.012 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

Tgt Ion: 41 Resp: 75
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#

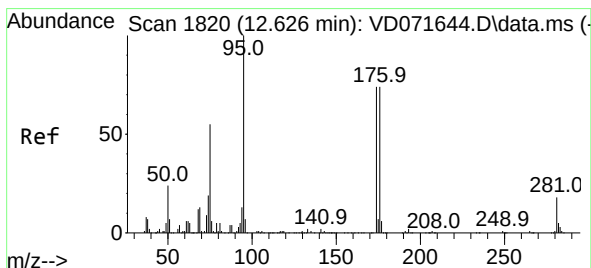
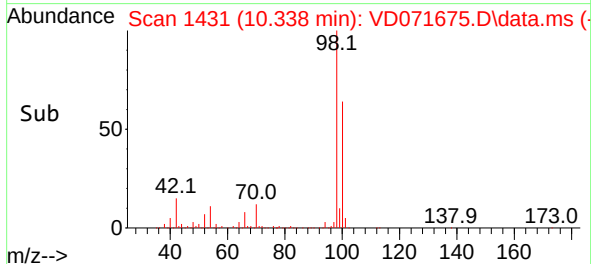
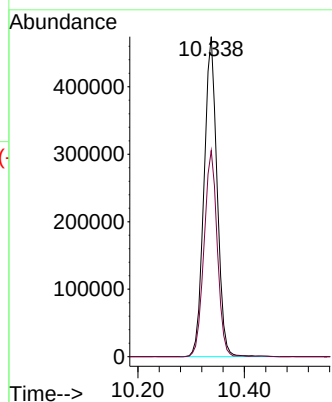
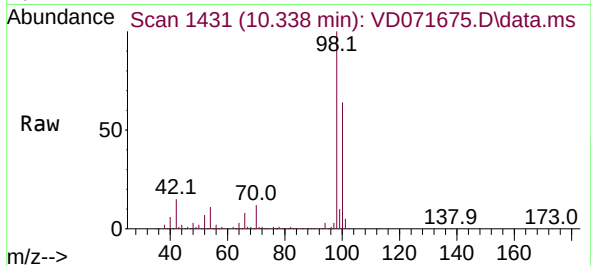




#50
Toluene-d8
Concen: 52.140 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

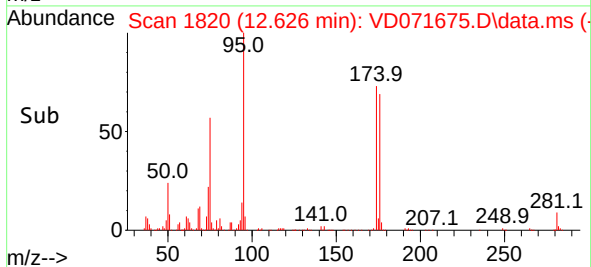
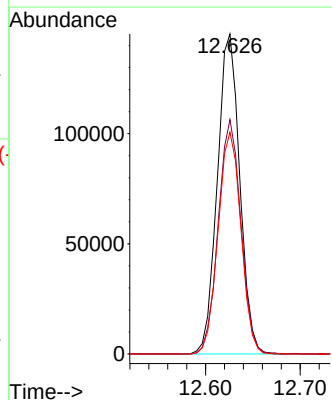
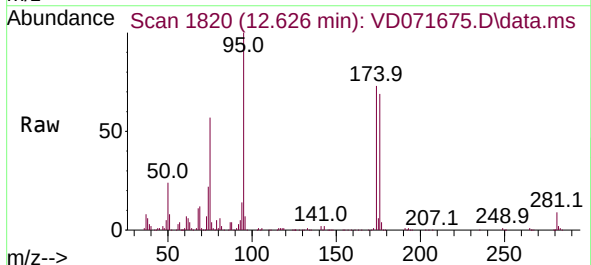
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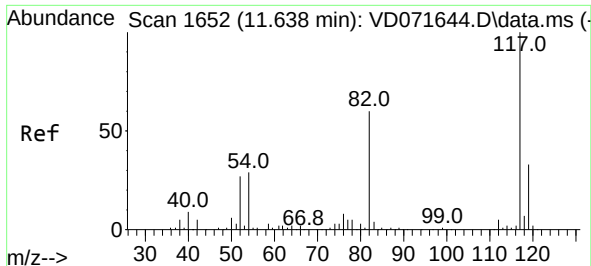
Tgt Ion: 98 Resp: 804821
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.914 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

Tgt Ion: 95 Resp: 238852
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.0
176 70.5 0.0 146.4

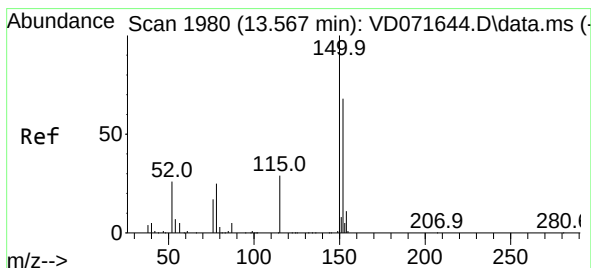
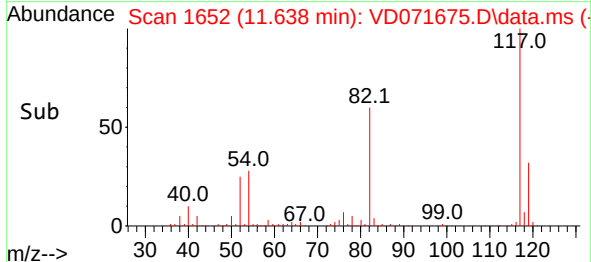
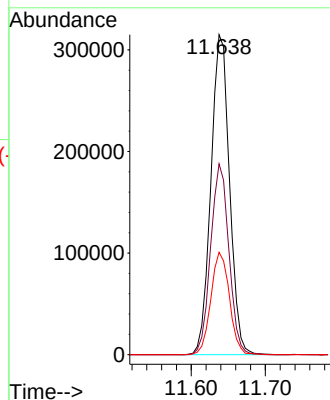
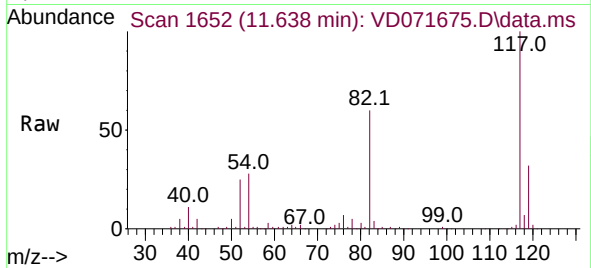




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

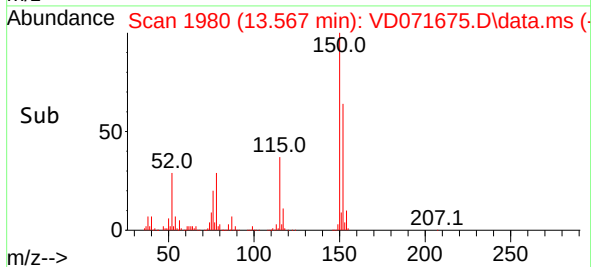
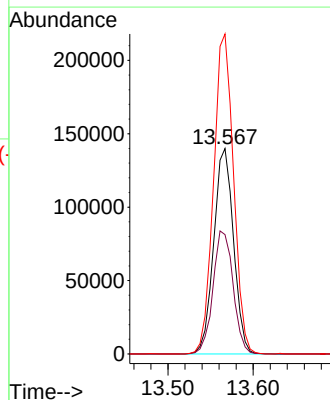
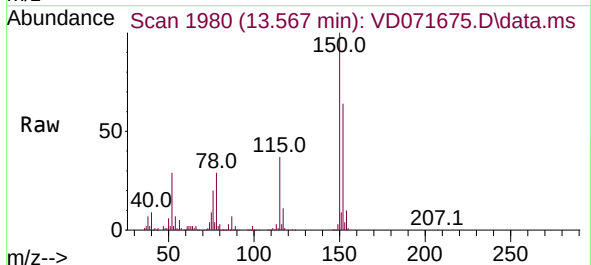
Instrument :
MSVOA_D
ClientSampleId :
PT-04-011122

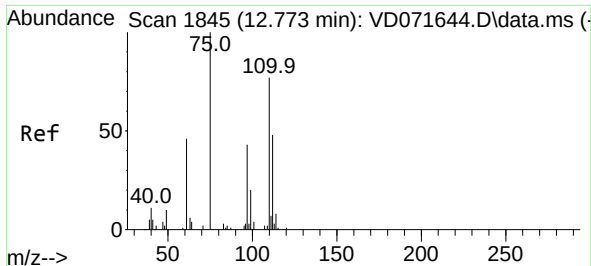
Tgt Ion:117 Resp: 549020
Ion Ratio Lower Upper
117 100
82 59.7 46.9 70.3
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

Tgt Ion:152 Resp: 225713
Ion Ratio Lower Upper
152 100
115 60.8 31.5 94.5
150 157.0 0.0 348.0

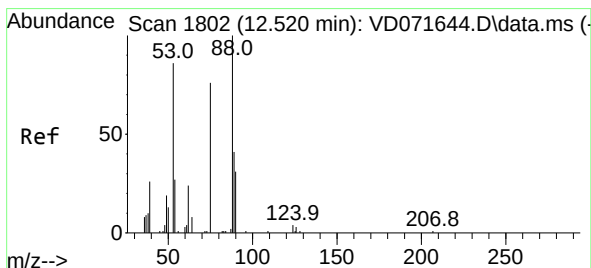
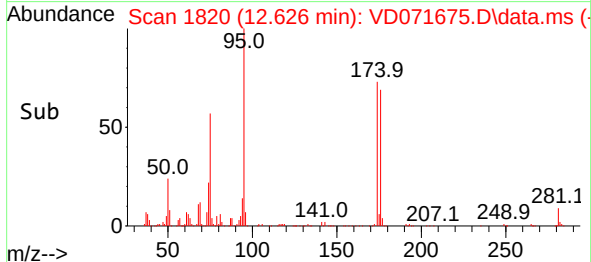
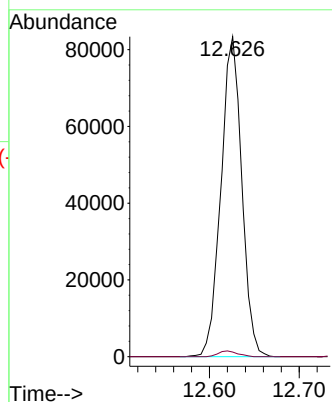
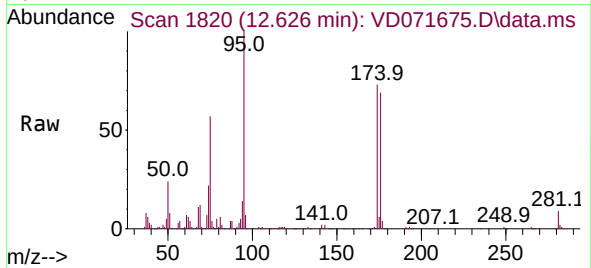




#76
1,2,3-Trichloropropane
Concen: 61.630 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
PT-04-011122

Tgt Ion: 75 Resp: 134416
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 171.817 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

Tgt Ion: 75 Resp: 134416
Ion Ratio Lower Upper
75 100
53 0.1 95.4 143.0#
89 0.1 37.2 55.8#

