

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111621\
 Data File : VD071042.D
 Acq On : 16 Nov 2021 14:05
 Operator : VA/SY
 Sample : M4700-03
 Misc : 5.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 17 03:23:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : Sw846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

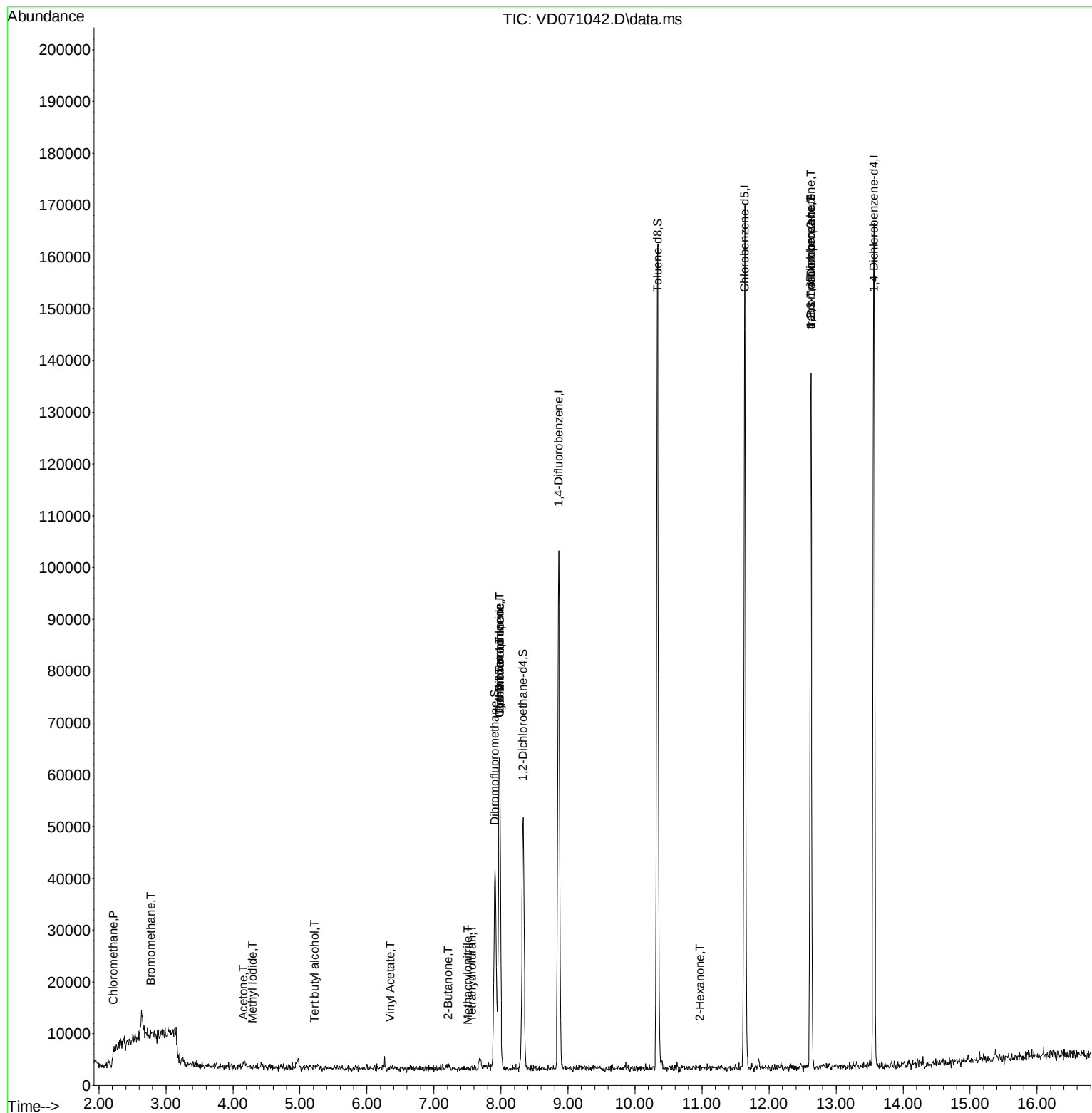
Internal Standards						
1) Pentafluorobenzene	7.979	168	43815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	81234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	87586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	40624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	38832	83.24	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	166.48%#	
35) Dibromofluoromethane	7.909	113	28502	62.18	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	124.36%	
50) Toluene-d8	10.338	98	103165	57.47	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	114.94%	
62) 4-Bromofluorobenzene	12.626	95	43828	67.81	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	135.62%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.215	50	467	1.05	ug/l #	42
5) Bromomethane	2.773	94	510	1.75	ug/l #	3
10) Methyl Iodide	4.291	142	74	6.15	ug/l #	40
11) Tert butyl alcohol	5.215	59	114	3.34	ug/l #	71
16) Acetone	4.156	43	1711	32.30	ug/l #	84
23) Vinyl Acetate	6.350	43	64	21.05	ug/l #	72
25) 2-Butanone	7.214	43	224	21.63	ug/l #	45
29) Tetrahydrofuran	7.567	42	354	3.73	ug/l #	34
31) Cyclohexane	7.973	56	1439	1.50	ug/l #	41
36) 1,1-Dichloropropene	7.979	75	3975	5.48	ug/l #	47
38) Carbon Tetrachloride	7.973	117	4807	7.20	ug/l #	19
41) Methacrylonitrile	7.503	41	56	3.72	ug/l #	12
59) 2-Hexanone	10.973	43	227	16.74	ug/l #	22
76) 1,2,3-Trichloropropane	12.626	75	23941	68.99	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	23941	127.34	ug/l #	18

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

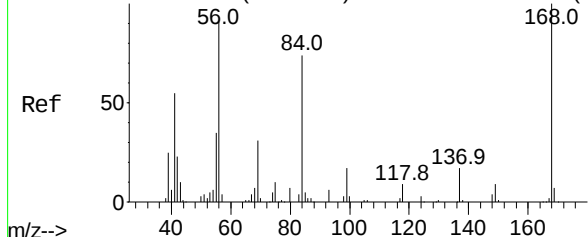
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111621\
Data File : VD071042.D
Acq On : 16 Nov 2021 14:05
Operator : VA/SY
Sample : M4700-03
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Instrument :
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ClientSampleId :

Quant Time: Nov 17 03:23:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration



Abundance Scan 1030 (7.979 min): VD070947.D\data.ms (-1010) (-)



Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.979 min Scan#

Delta R.T. 0.000 min

Lab File: VD071042.D

Acq: 16 Nov 2021 14:05

Instrument :

MSVOA_D

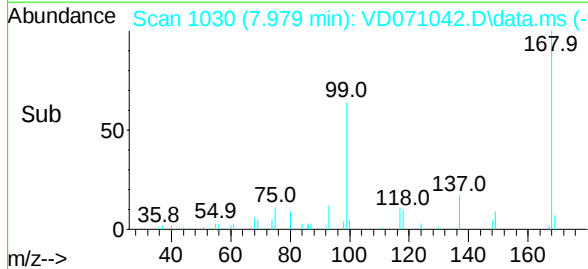
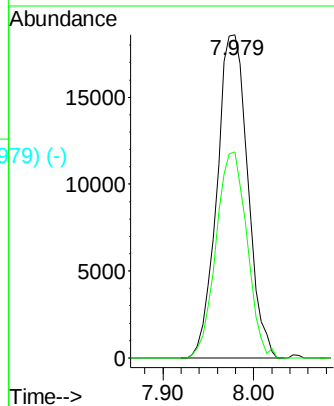
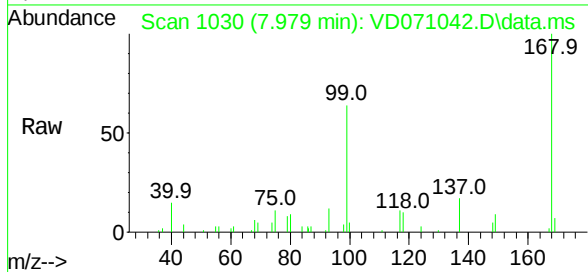
ClientSampleId :

Tgt Ion:168 Resp: 43815

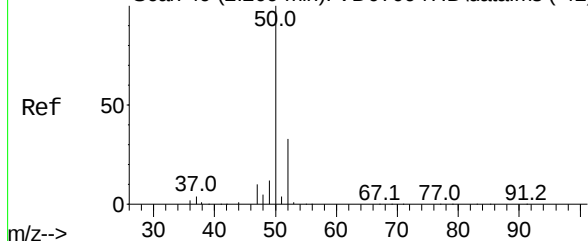
Ion Ratio Lower Upper

168 100

99 63.7 46.6 69.8



Abundance Scan 49 (2.209 min): VD070947.D\data.ms (-42) (-)



Chloromethane

Concen: 1.05 ug/l

RT: 2.215 min Scan# 50

Delta R.T. 0.006 min

Lab File: VD071042.D

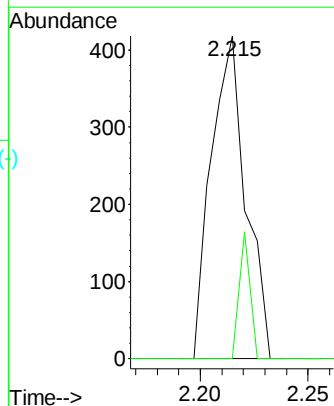
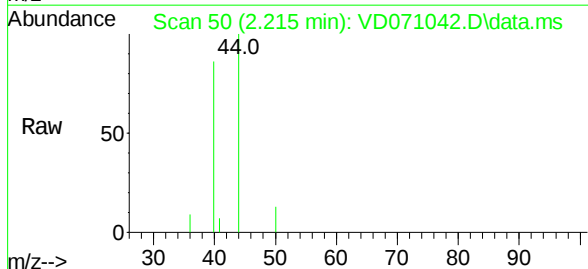
Acq: 16 Nov 2021 14:05

Tgt Ion: 50 Resp: 467

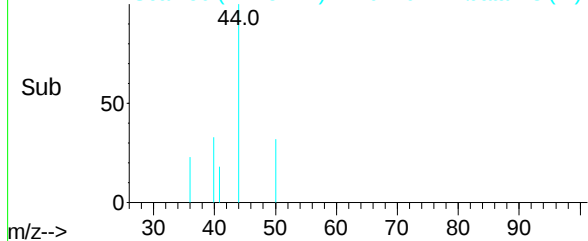
Ion Ratio Lower Upper

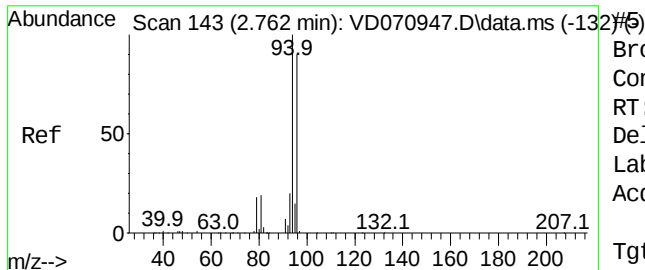
50 100

52 0.0 25.8 38.8#



Abundance Scan 50 (2.215 min): VD071042.D\data.ms (-1) (-)





Bromomethane

Concen: 1.75 ug/l

RT: 2.773 min Scan# 1

Delta R.T. 0.011 min

Lab File: VD071042.D

Acq: 16 Nov 2021 14:05

Instrument :

MSVOA_D

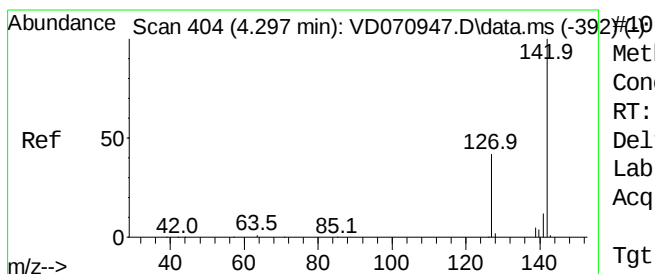
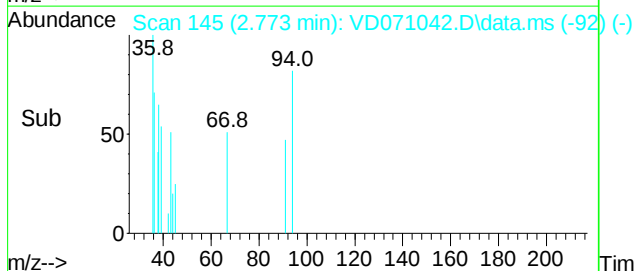
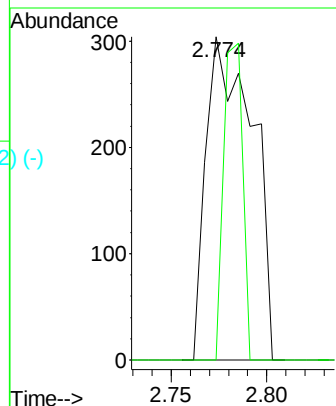
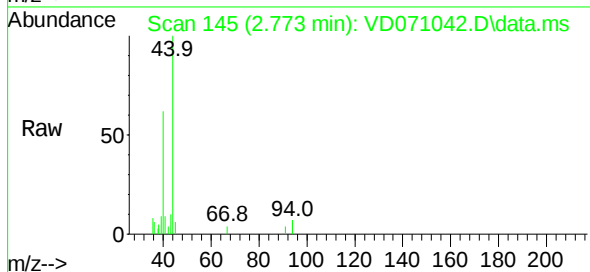
ClientSampleId :

Tgt Ion: 94 Resp: 510

Ion Ratio Lower Upper

94 100

96 0.0 74.8 112.2#



Methyl Iodide

Concen: 6.15 ug/l

RT: 4.291 min Scan# 403

Delta R.T. -0.006 min

Lab File: VD071042.D

Acq: 16 Nov 2021 14:05

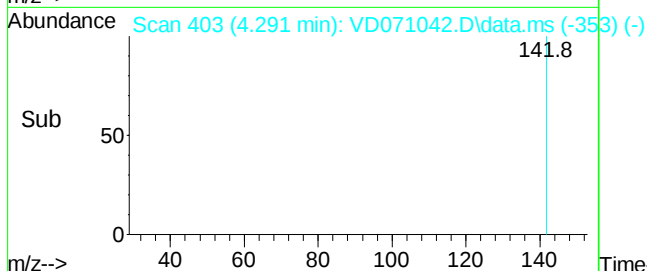
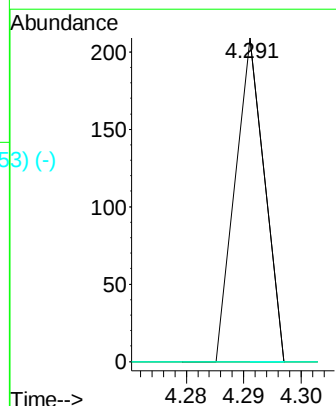
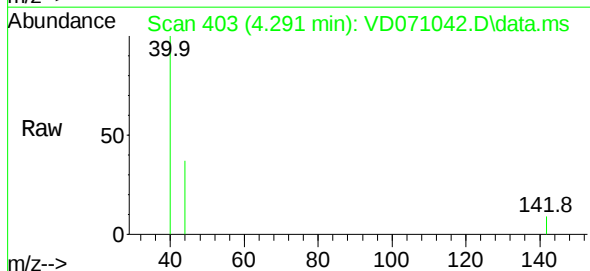
Tgt Ion: 142 Resp: 74

Ion Ratio Lower Upper

142 100

127 0.0 35.0 52.4#

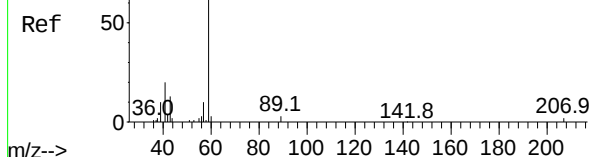
141 0.0 12.0 18.0#



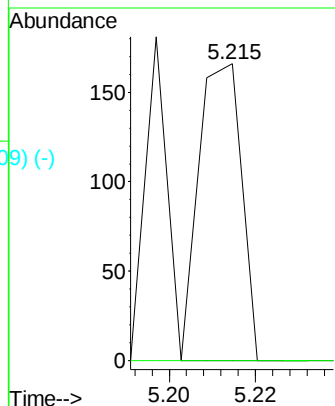
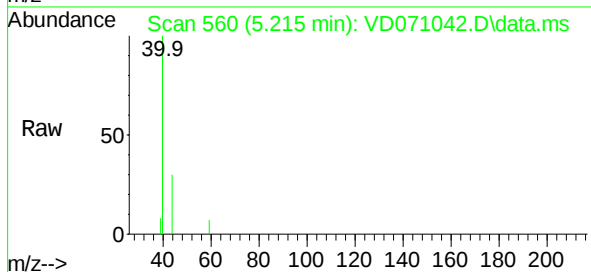
Abundance Scan 560 (5.215 min): VD070947.D\data.ms (-545) #11

Tert butyl alcohol
Concen: 3.34 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.000 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

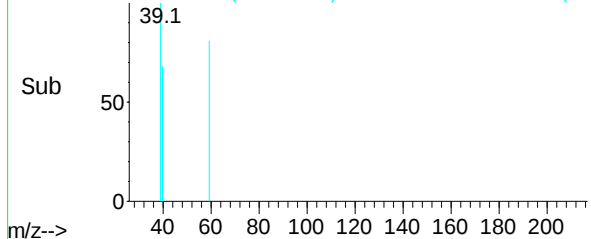
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



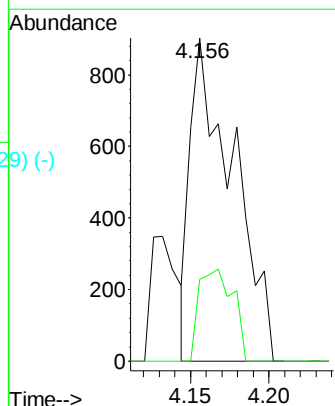
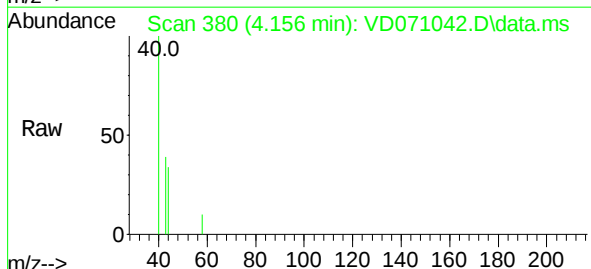
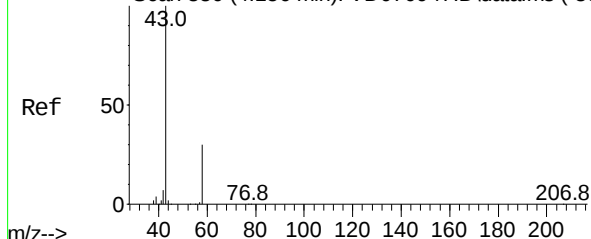
Abundance Scan 560 (5.215 min): VD071042.D\data.ms (-509) (-)



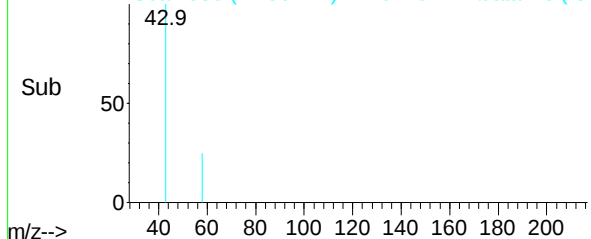
Abundance Scan 380 (4.156 min): VD070947.D\data.ms (-361) #16

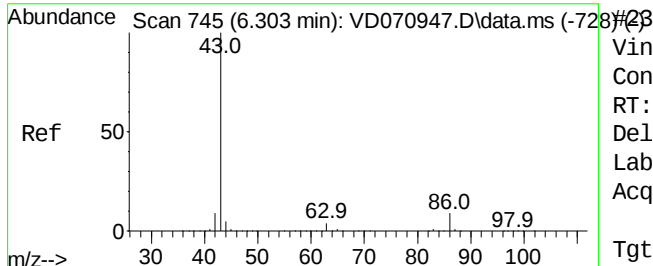
Acetone
Concen: 32.30 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

Tgt Ion: 43 Resp: 1711
Ion Ratio Lower Upper
43 100
58 25.4 27.8 41.8#



Abundance Scan 380 (4.156 min): VD071042.D\data.ms (-329) (-)





Vinyl Acetate

Concen: 21.05 ug/l

RT: 6.350 min Scan#

Delta R.T. 0.047 min

Lab File: VD071042.D

Acq: 16 Nov 2021 14:05

Instrument :

MSVOA_D

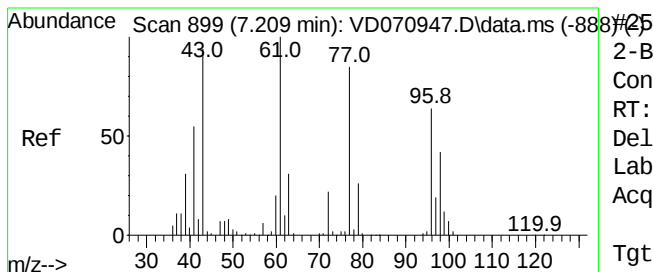
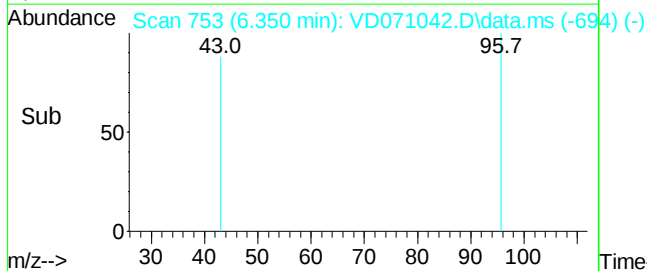
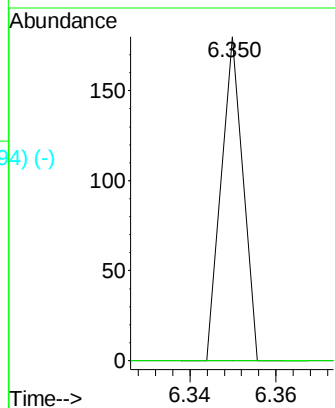
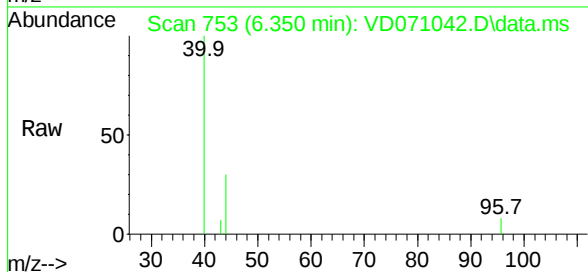
ClientSampleId :

Tgt Ion: 43 Resp: 64

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.4#



2-Butanone

Concen: 21.63 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.005 min

Lab File: VD071042.D

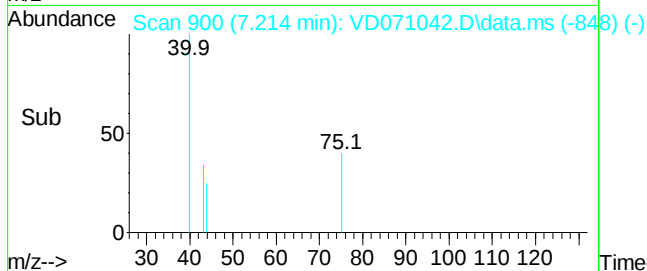
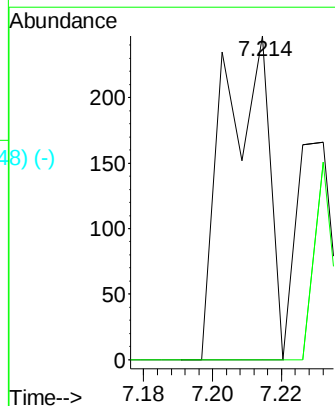
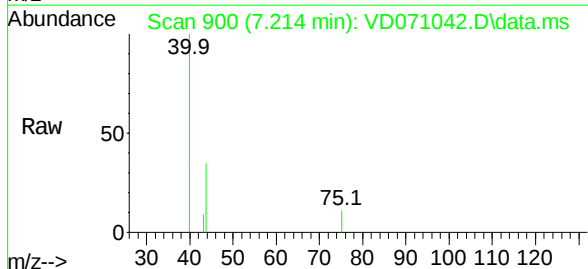
Acq: 16 Nov 2021 14:05

Tgt Ion: 43 Resp: 224

Ion Ratio Lower Upper

43 100

72 0.0 23.8 35.6#



Abundance Scan 959 (7.561 min): VD070947.D\data.ms (-945#29)

Tetrahydrofuran

Concen: 3.73 ug/l

RT: 7.567 min Scan# 1029

Delta R.T. 0.006 min

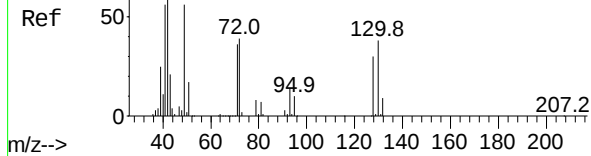
Lab File: VD071042.D

Acq: 16 Nov 2021 14:05

Instrument :

MSVOA_D

ClientSampleId :



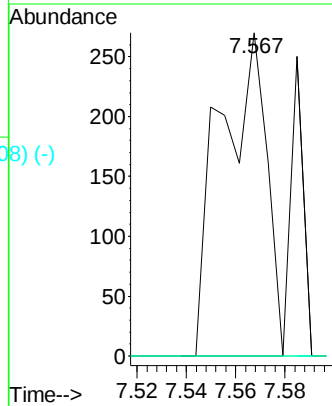
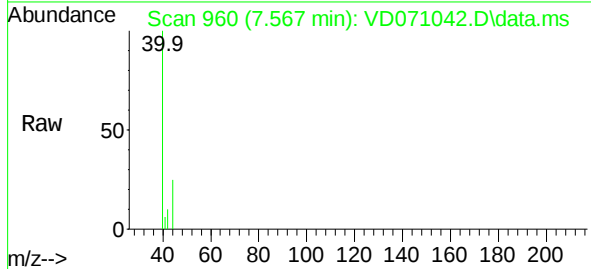
Tgt Ion: 42 Resp: 354

Ion Ratio Lower Upper

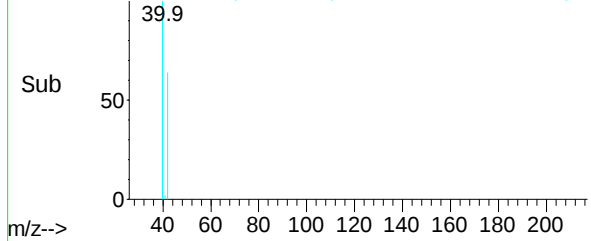
42 100

72 0.0 33.7 50.5#

71 0.0 32.7 49.1#



Abundance Scan 960 (7.567 min): VD071042.D\data.ms (-908) (-)



Abundance Scan 1031 (7.985 min): VD070947.D\data.ms (-1010#31)

Cyclohexane

Concen: 1.50 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071042.D

Acq: 16 Nov 2021 14:05

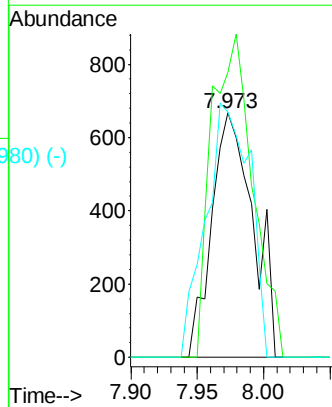
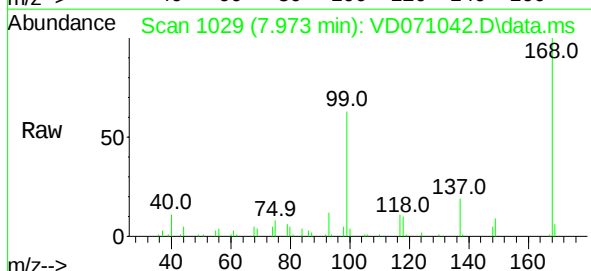
Tgt Ion: 56 Resp: 1439

Ion Ratio Lower Upper

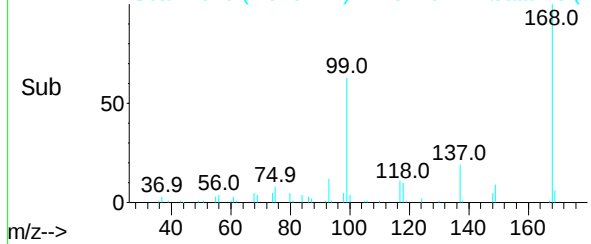
56 100

69 116.6 25.9 38.9#

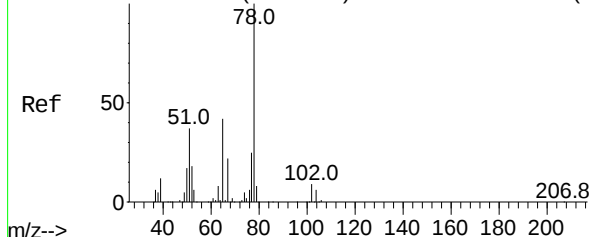
84 100.3 64.3 96.5#



Abundance Scan 1029 (7.973 min): VD071042.D\data.ms (-980) (-)



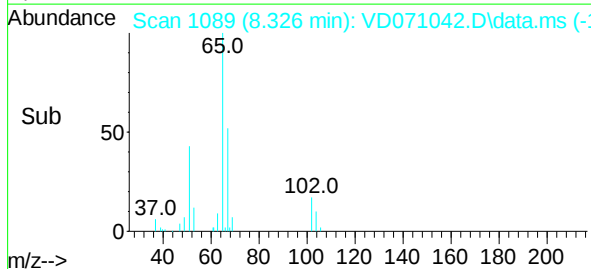
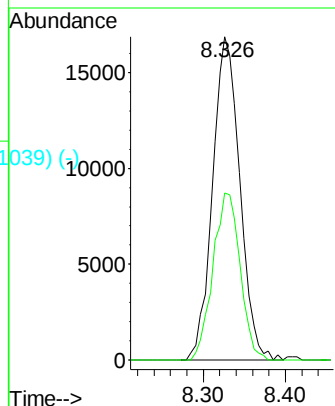
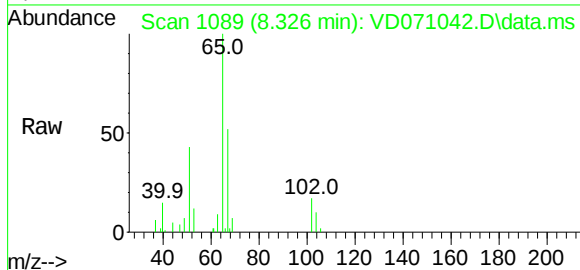
Abundance Scan 1090 (8.332 min): VD070947.D\data.ms (-10793-)



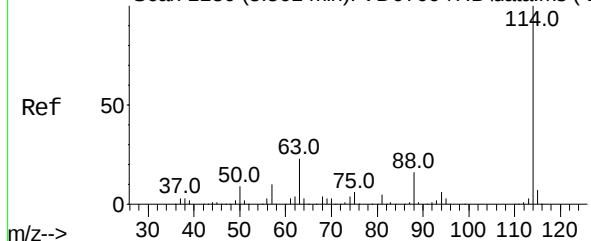
1,2-Dichloroethane-d4
Concen: 83.24 ug/l
RT: 8.326 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 38832
Ion Ratio Lower Upper
65 100
67 51.5 0.0 112.2

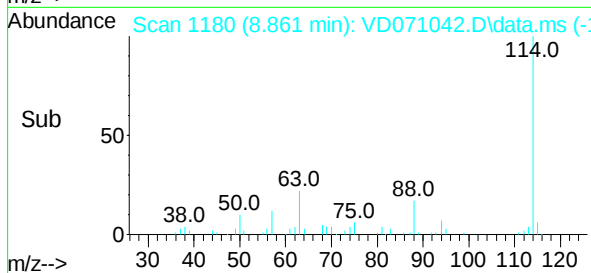
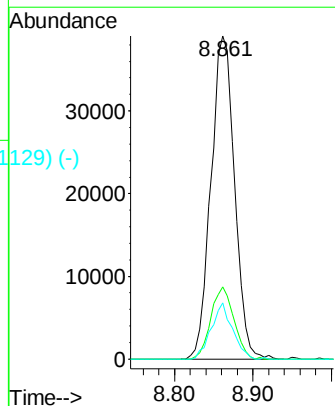
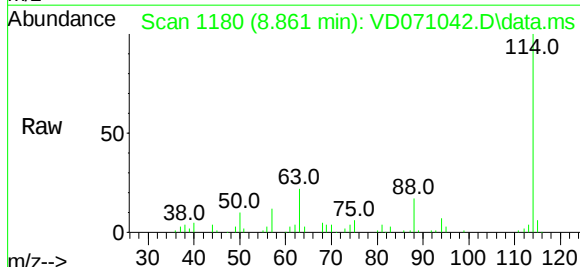


Abundance Scan 1180 (8.861 min): VD070947.D\data.ms (-11704-)

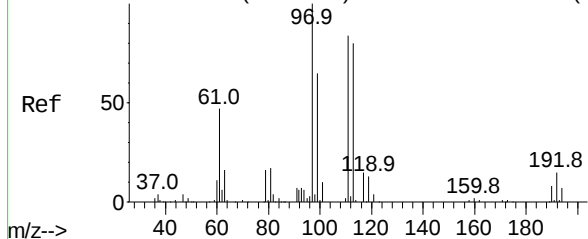


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

Tgt Ion:114 Resp: 81234
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.8
88 17.3 0.0 32.8



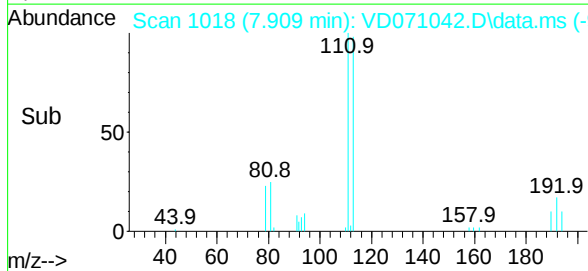
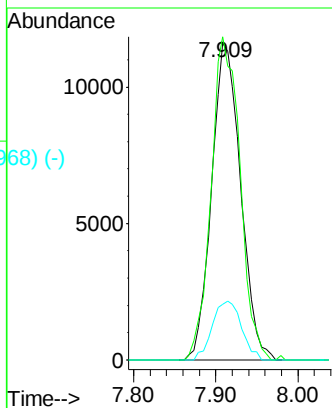
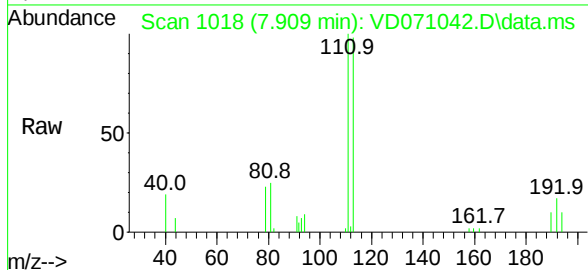
Abundance Scan 1019 (7.914 min): VD070947.D\data.ms (-10075-)



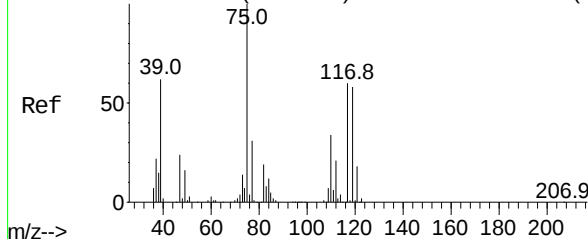
Dibromofluoromethane
Concen: 62.18 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 28502
Ion Ratio Lower Upper
113 100
111 101.5 82.0 123.0
192 18.7 15.2 22.8

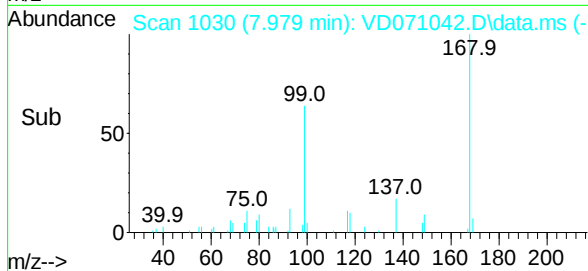
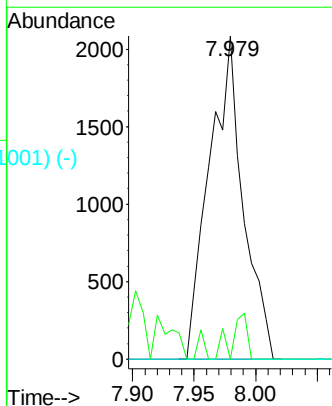
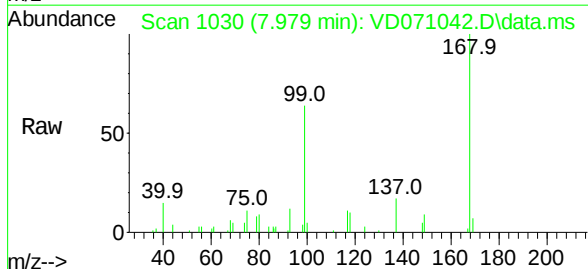


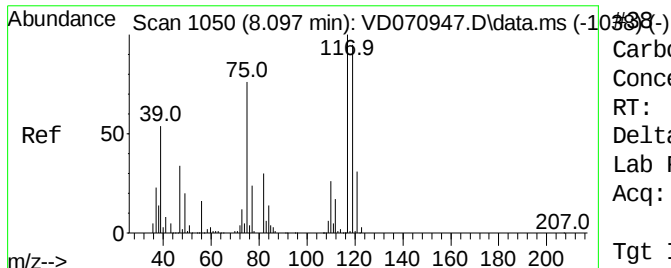
Abundance Scan 1052 (8.108 min): VD070947.D\data.ms (-10496-)



1,1-Dichloropropene
Concen: 5.48 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

Tgt Ion: 75 Resp: 3975
Ion Ratio Lower Upper
75 100
110 6.6 17.8 53.4#
77 0.0 24.8 37.2#

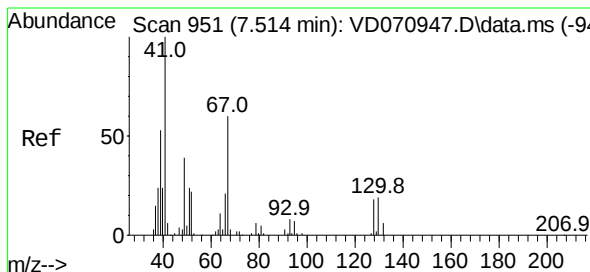
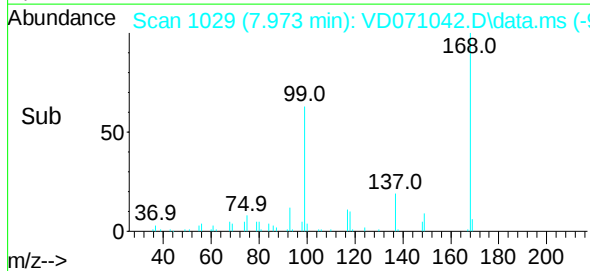
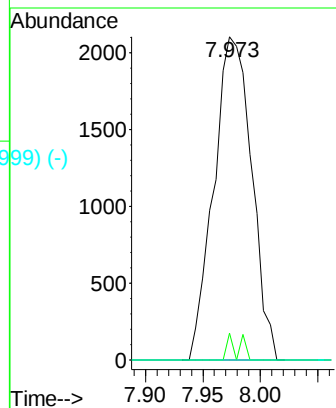
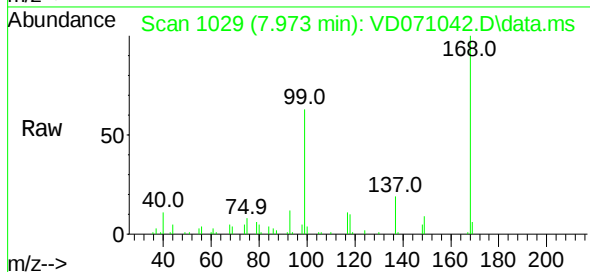




Carbon Tetrachloride
Concen: 7.20 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

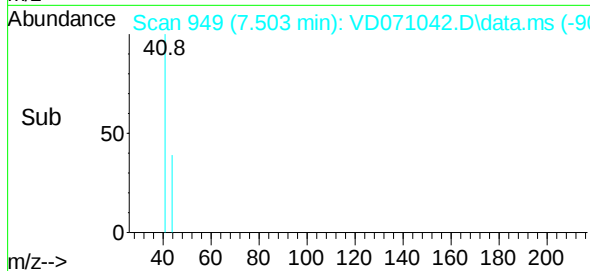
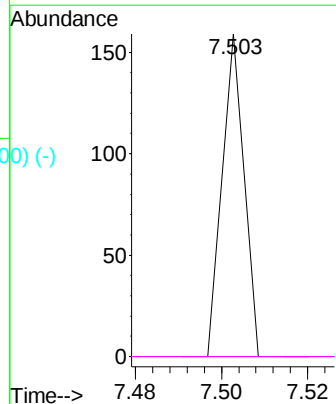
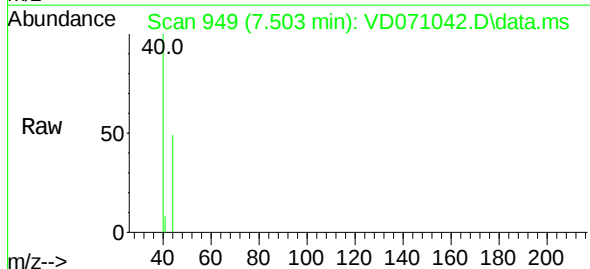
Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:	117	Resp:	4807
Ion	Ratio	Lower	Upper
117	100		
119	8.3	75.8	113.6#
121	0.0	23.6	35.4#



Methacrylonitrile
Concen: 3.72 ug/l
RT: 7.503 min Scan# 949
Delta R.T. -0.011 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

Tgt Ion:	41	Resp:	56
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#



Abundance Scan 1431 (10.338 min): VD070947.D\data.ms (-1459) (-)

Toluene-d8

Concen: 57.47 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

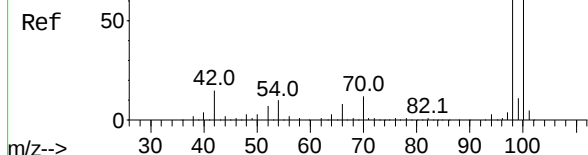
Lab File: VD071042.D

Acq: 16 Nov 2021 14:05

Instrument :

MSVOA_D

ClientSampleId :

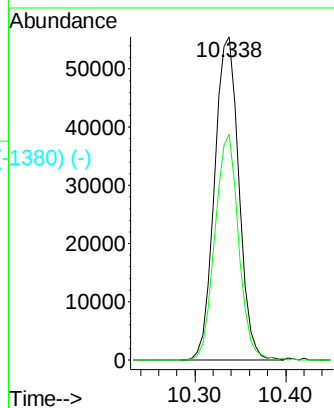
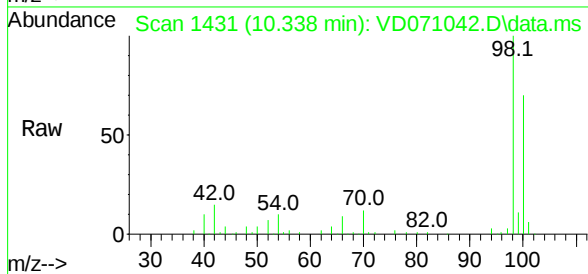


Tgt Ion: 98 Resp: 103165

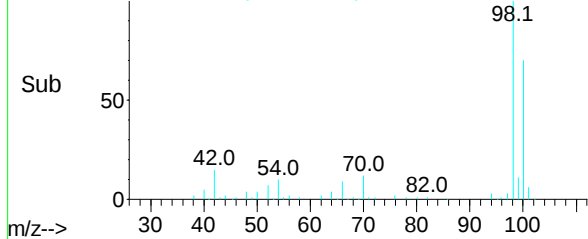
Ion Ratio Lower Upper

98 100

100 68.1 51.8 77.6



Abundance Scan 1431 (10.338 min): VD071042.D\data.ms (-1380) (-)



Abundance Scan 1540 (10.979 min): VD070947.D\data.ms (-1529) (-)

2-Hexanone

Concen: 16.74 ug/l

RT: 10.973 min Scan# 1539

Delta R.T. -0.006 min

Lab File: VD071042.D

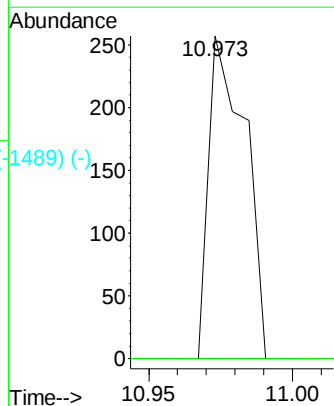
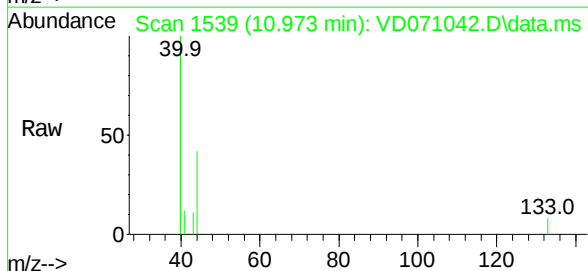
Acq: 16 Nov 2021 14:05

Tgt Ion: 43 Resp: 227

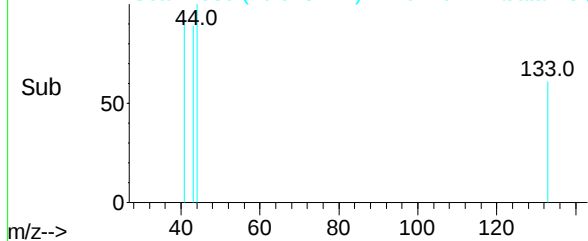
Ion Ratio Lower Upper

43 100

58 0.0 28.7 86.1#



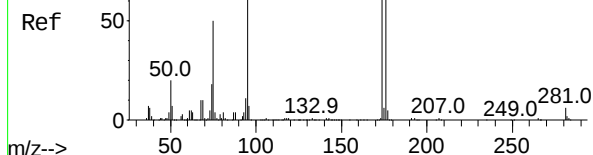
Abundance Scan 1539 (10.973 min): VD071042.D\data.ms (-1489) (-)



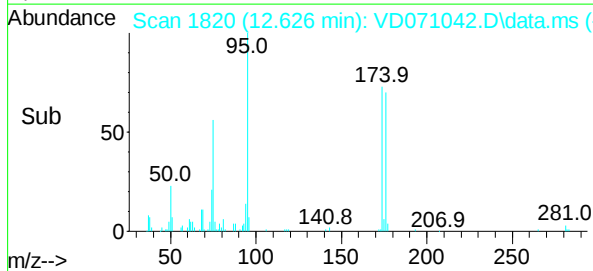
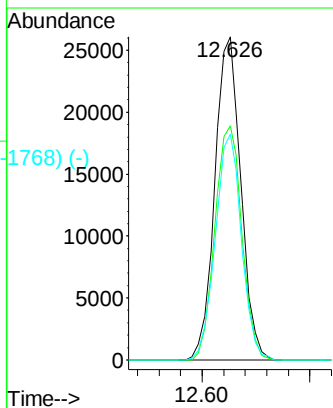
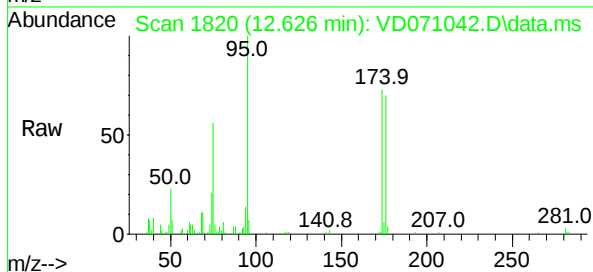
Abundance Scan 1819 (12.620 min): VD070947.D\data.ms (-1600) (-)

4-Bromofluorobenzene
Concen: 67.81 ug/l
RT: 12.626 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

Instrument :
MSVOA_D
ClientSampleId :



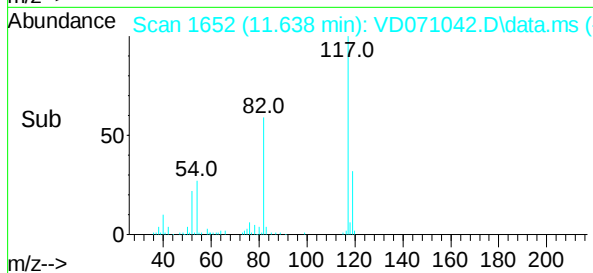
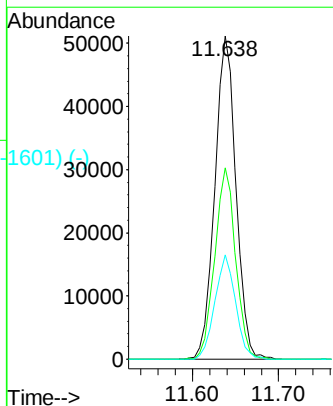
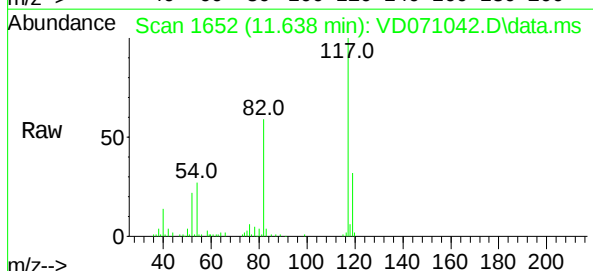
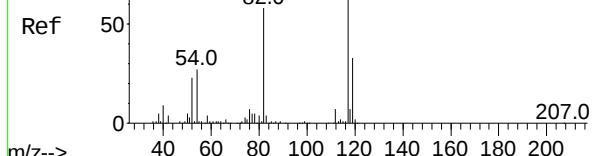
Tgt Ion:	95	Resp:	43828
Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	159.4
176	70.4	0.0	154.0



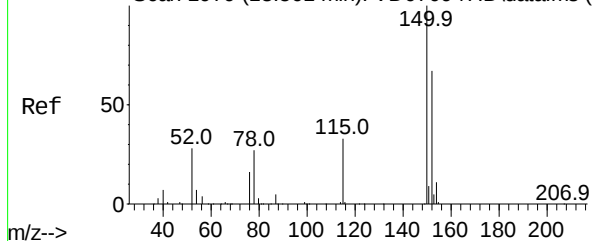
Abundance Scan 1652 (11.638 min): VD070947.D\data.ms (-1600) (-)

Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

Tgt Ion:	117	Resp:	87586
Ion	Ratio	Lower	Upper
117	100		
82	59.2	44.7	67.1
119	32.2	26.2	39.4



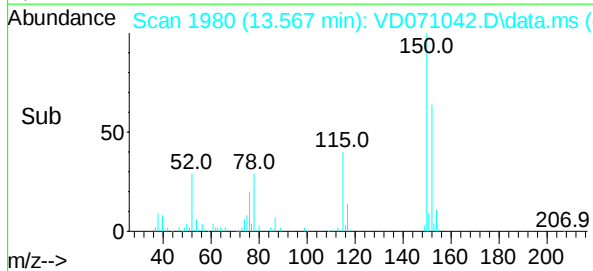
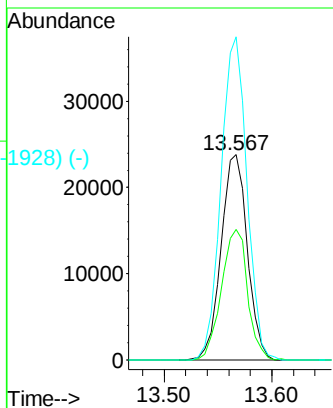
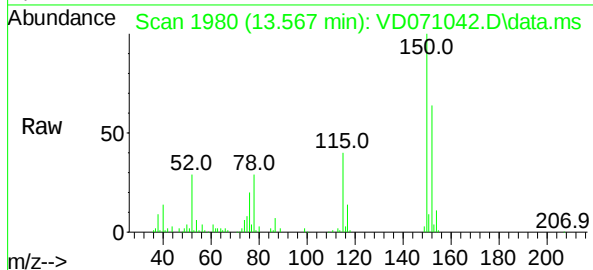
Abundance Scan 1979 (13.561 min): VD070947.D\data.ms (-1979) (-)



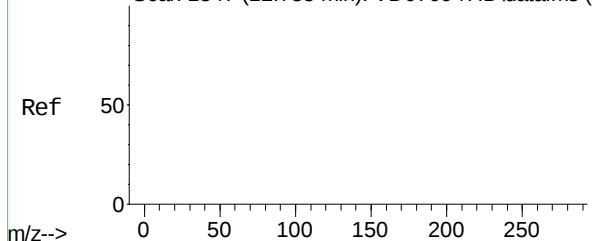
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	29.8	89.3
150	155.1	0.0	349.2

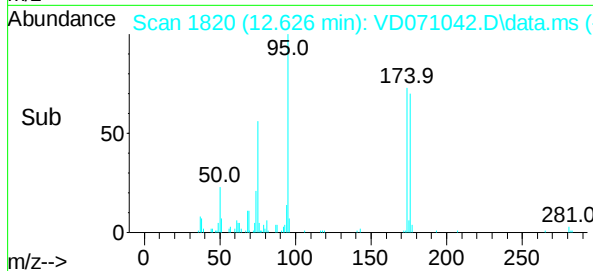
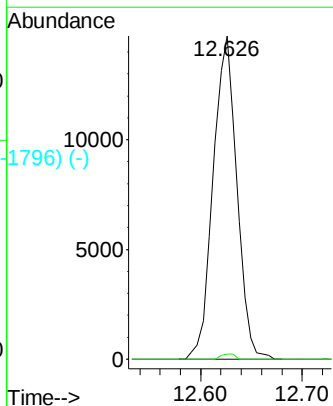
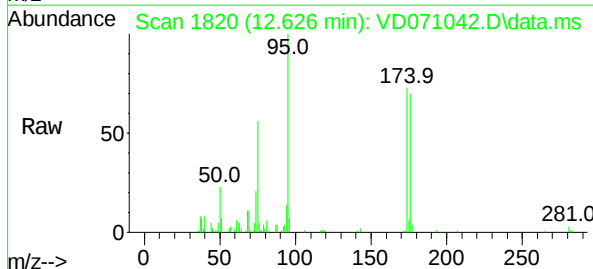


Abundance Scan 1847 (12.785 min): VD070947.D\data.ms (-1847) (-)



1,2,3-Trichloropropane
Concen: 68.99 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.159 min
Lab File: VD071042.D
Acq: 16 Nov 2021 14:05

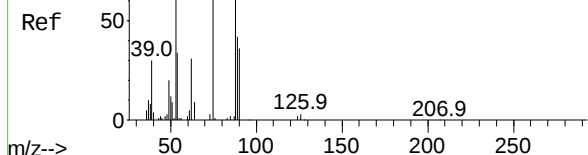
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.9	158.4	475.3#



Abundance Scan 1801 (12.514 min): VD070947.D\data.ms (-1750) (-)

trans-1,4-Dichloro-2-butene
 Concen: 127.34 ug/l
 RT: 12.626 min Scan# 1750
 Delta R.T. 0.112 min
 Lab File: VD071042.D
 Acq: 16 Nov 2021 14:05

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	23941
Ion	Ratio	Lower	Upper
75	100		
53	0.0	62.6	94.0#
89	0.0	34.5	51.7#

