

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120221\
 Data File : VD071124.D
 Acq On : 02 Dec 2021 18:06
 Operator : VA/SY
 Sample : M4891-03RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 03 00:41:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

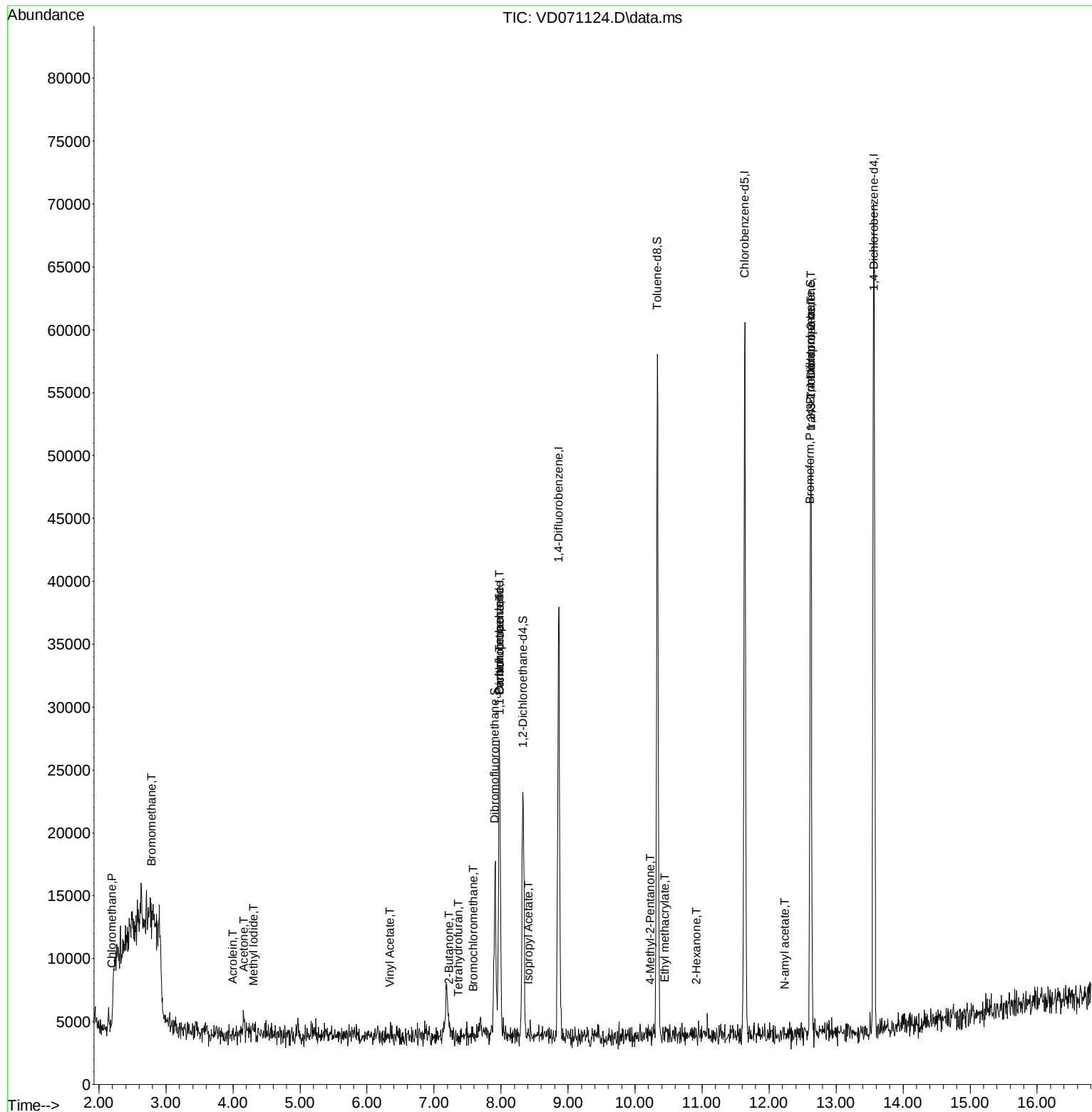
Internal Standards						
1) Pentafluorobenzene	7.973	168	15874	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	26028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	30689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	16311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14498	77.84	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 155.68%			
35) Dibromofluoromethane	7.908	113	8329	50.25	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.50%			
50) Toluene-d8	10.332	98	34082	54.03	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.06%			
62) 4-Bromofluorobenzene	12.620	95	14982	68.52	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 137.04%			
Target Compounds					Qvalue	
3) Chloromethane	2.197	50	333	1.86	ug/l #	42
5) Bromomethane	2.791	94	765	5.31	ug/l #	56
10) Methyl Iodide	4.303	142	144	5.27	ug/l #	40
11) Tert butyl alcohol	5.238	59	192	Below Cal	#	38
13) Acrolein	4.003	56	59	4.64	ug/l #	13
16) Acetone	4.162	43	2641	77.62	ug/l #	84
20) Methylene Chloride	4.961	84	552	Below Cal	#	47
23) Vinyl Acetate	6.344	43	56	27.38	ug/l #	72
25) 2-Butanone	7.226	43	65	29.37	ug/l #	45
28) Bromochloromethane	7.585	49	147	1.05	ug/l #	14
29) Tetrahydrofuran	7.361	42	66	2.23	ug/l #	34
36) 1,1-Dichloropropene	7.979	75	1421	5.84	ug/l #	41
38) Carbon Tetrachloride	7.973	117	1368	5.70	ug/l #	12
41) Methacrylonitrile	7.538	41	200	Below Cal	#	24
43) Isopropyl Acetate	8.408	43	53	5.43	ug/l #	47
51) 4-Methyl-2-Pentanone	10.226	43	58	31.08	ug/l #	34
56) Ethyl methacrylate	10.449	69	57	6.27	ug/l #	1
59) 2-Hexanone	10.914	43	71	35.26	ug/l #	22
71) Bromoform	12.614	173	151	1.40	ug/l #	1
74) N-amyl acetate	12.238	43	86	5.94	ug/l #	40
76) 1,2,3-Trichloropropane	12.626	75	9103	58.58	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	9103	126.96	ug/l #	18

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

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Abundance Scan 1031 (7.985 min): VD071075.D\data.ms (-1019) (-)

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.973 min Scan#

Delta R.T. -0.012 min

Lab File: VD071124.D

Acq: 02 Dec 2021 18:06

Instrument :

MSVOA_D

ClientSampleId :

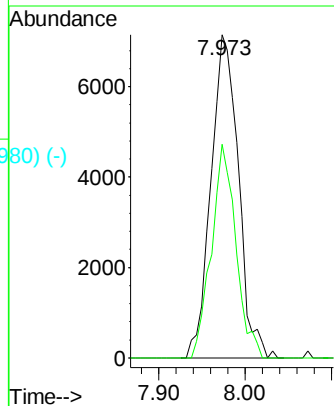
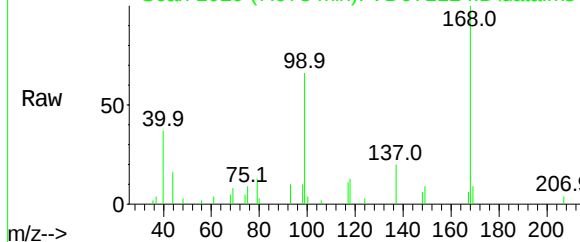
Tgt Ion:168 Resp: 15874

Ion Ratio Lower Upper

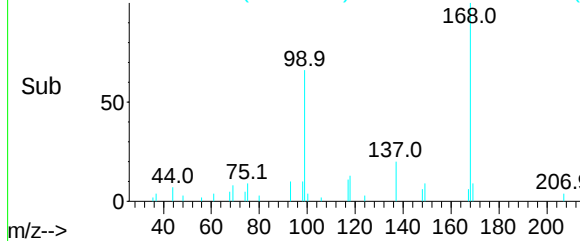
168 100

99 66.0 46.6 69.8

Abundance Scan 1029 (7.973 min): VD071124.D\data.ms



Abundance Scan 1029 (7.973 min): VD071124.D\data.ms (-980) (-)



Abundance Scan 50 (2.215 min): VD071075.D\data.ms (-43) (-)

Chloromethane

Concen: 1.86 ug/l

RT: 2.197 min Scan# 47

Delta R.T. -0.018 min

Lab File: VD071124.D

Acq: 02 Dec 2021 18:06

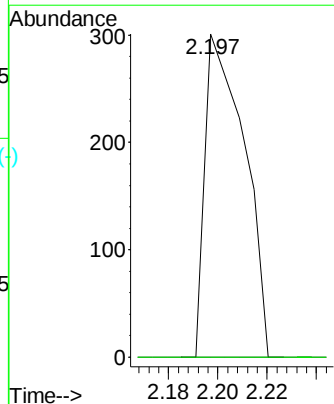
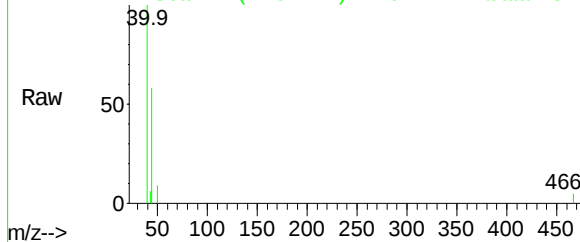
Tgt Ion: 50 Resp: 333

Ion Ratio Lower Upper

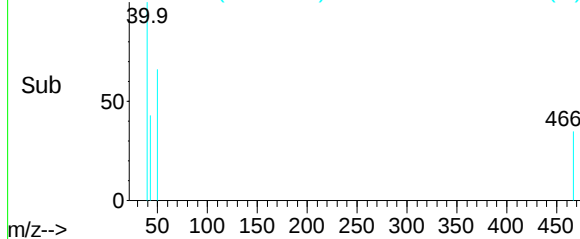
50 100

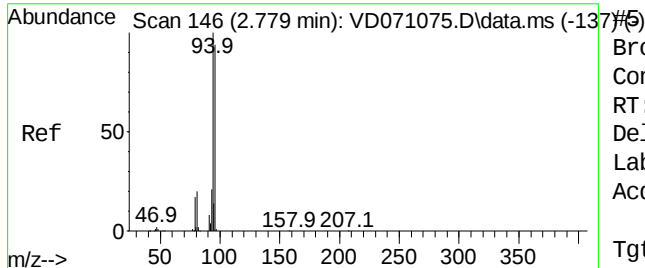
52 0.0 25.8 38.8#

Abundance Scan 47 (2.197 min): VD071124.D\data.ms



Abundance Scan 47 (2.197 min): VD071124.D\data.ms (-1) (-)





Bromomethane

Concen: 5.31 ug/l

RT: 2.791 min Scan# 146

Delta R.T. 0.012 min

Lab File: VD071124.D

Acq: 02 Dec 2021 18:06

Instrument :

MSVOA_D

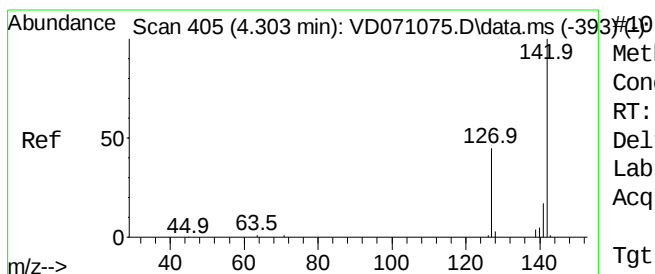
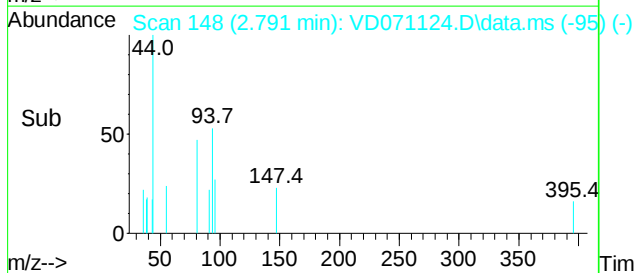
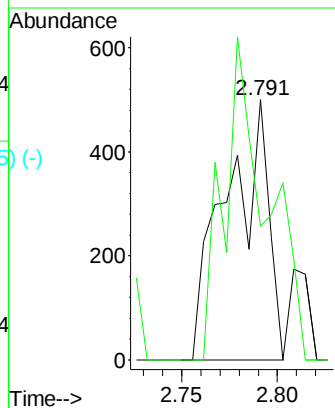
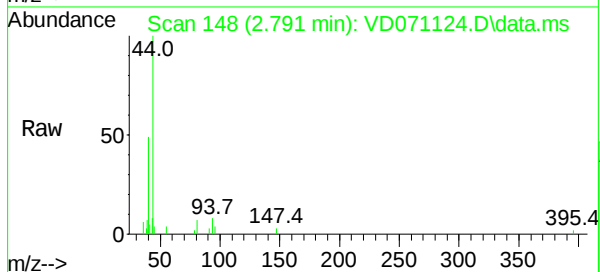
ClientSampleId :

Tgt Ion: 94 Resp: 765

Ion Ratio Lower Upper

94 100

96 51.4 74.8 112.2#



Methyl Iodide

Concen: 5.27 ug/l

RT: 4.303 min Scan# 405

Delta R.T. -0.000 min

Lab File: VD071124.D

Acq: 02 Dec 2021 18:06

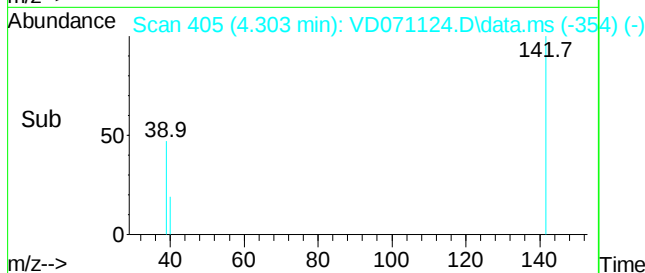
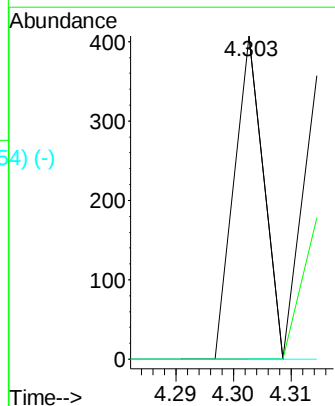
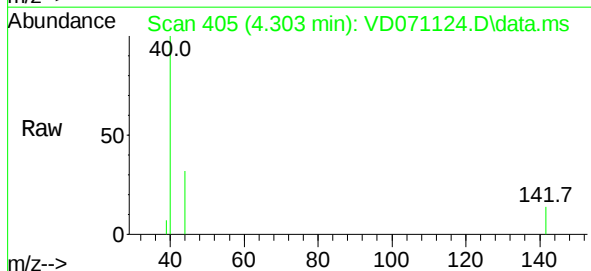
Tgt Ion:142 Resp: 144

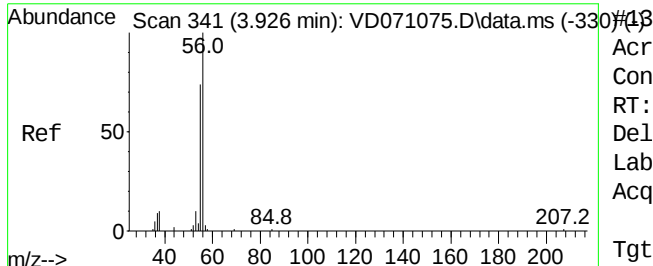
Ion Ratio Lower Upper

142 100

127 0.0 35.0 52.4#

141 0.0 12.0 18.0#

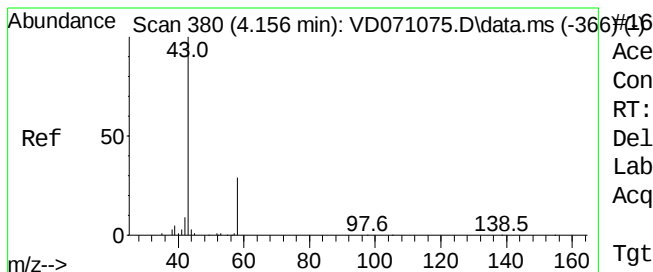
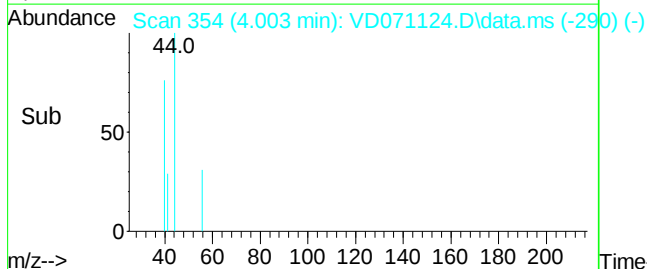
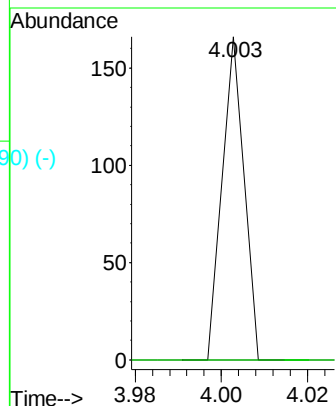
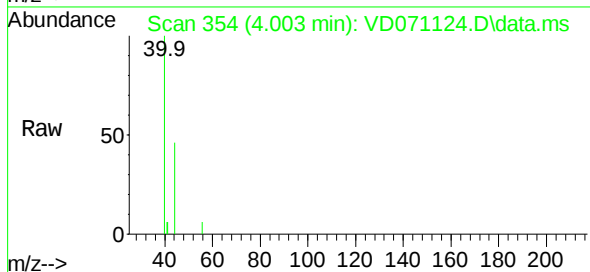




Acrolein
 Concen: 4.64 ug/l
 RT: 4.003 min Scan# 381
 Delta R.T. 0.077 min
 Lab File: VD071124.D
 Acq: 02 Dec 2021 18:06

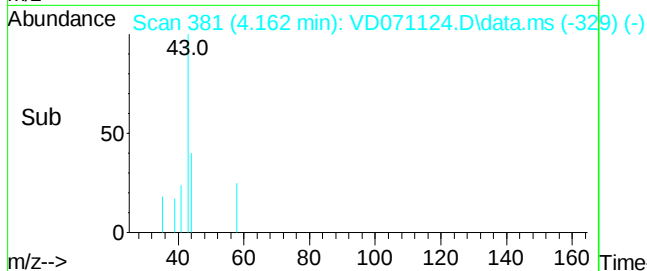
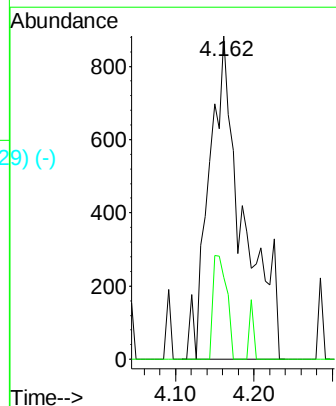
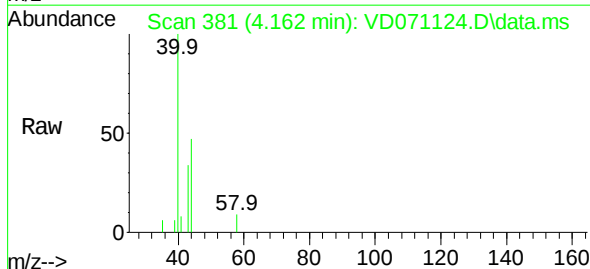
Instrument :
 MSVOA_D
 ClientSampleId :

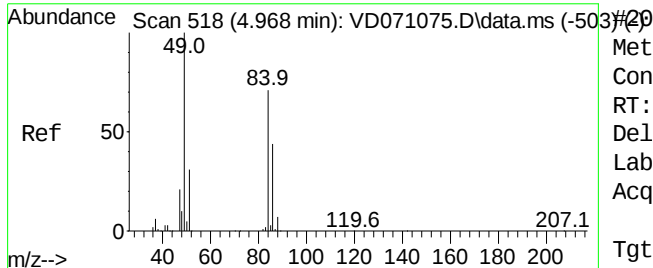
Tgt Ion: 56 Resp: 59
 Ion Ratio Lower Upper
 56 100
 55 0.0 58.6 87.8#



Acetone
 Concen: 77.62 ug/l
 RT: 4.162 min Scan# 381
 Delta R.T. 0.006 min
 Lab File: VD071124.D
 Acq: 02 Dec 2021 18:06

Tgt Ion: 43 Resp: 2641
 Ion Ratio Lower Upper
 43 100
 58 25.4 27.8 41.8#

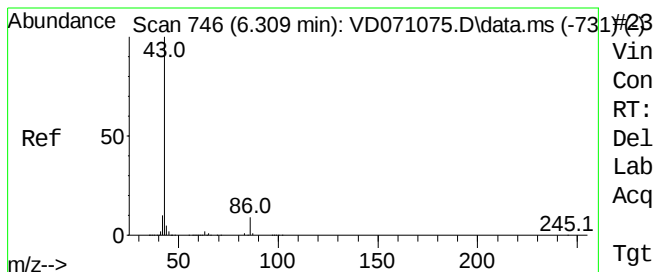
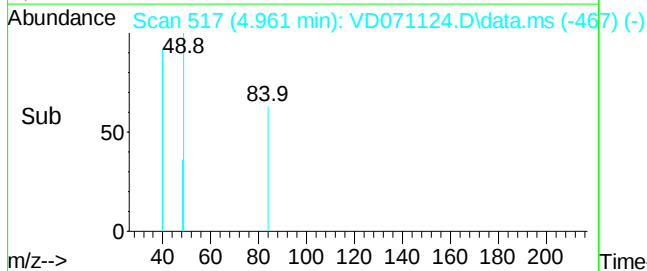
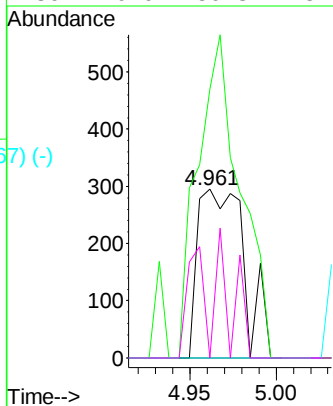
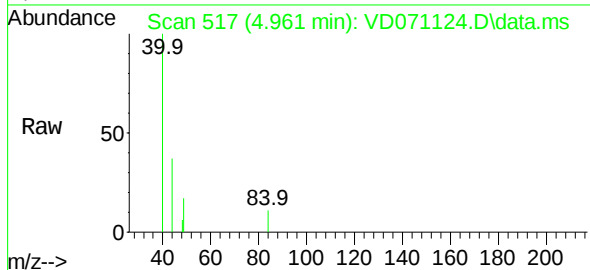




Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 4
Delta R.T. -0.007 min
Lab File: VD071124.D
Acq: 02 Dec 2021 18:06

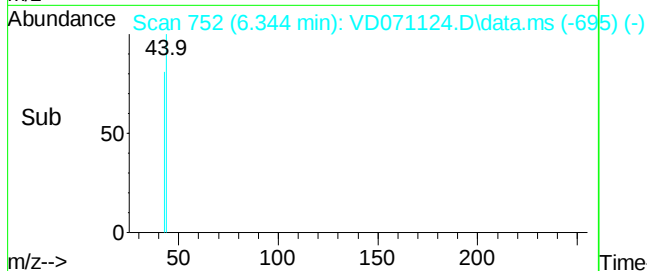
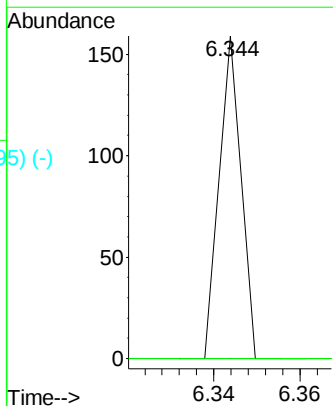
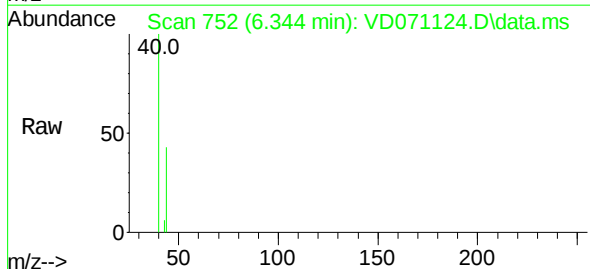
Instrument :
MSVOA_D
ClientSampleId :

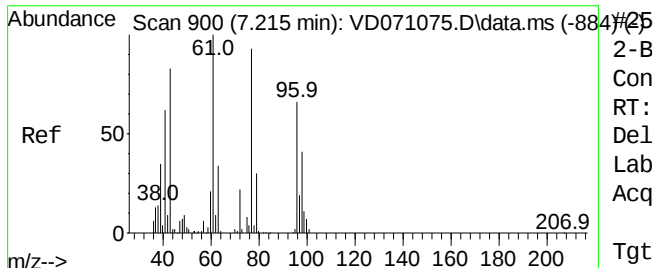
Tgt Ion:	84	Resp:	552
Ion	Ratio	Lower	Upper
84	100		
49	159.3	95.8	143.6#
51	0.0	30.9	46.3#
86	0.0	50.3	75.5#



Vinyl Acetate
Concen: 27.38 ug/l
RT: 6.344 min Scan# 752
Delta R.T. 0.035 min
Lab File: VD071124.D
Acq: 02 Dec 2021 18:06

Tgt Ion:	43	Resp:	56
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#





2-Butanone

Concen: 29.37 ug/l

RT: 7.226 min Scan#

Delta R.T. 0.011 min

Lab File: VD071124.D

Acq: 02 Dec 2021 18:06

Instrument :

MSVOA_D

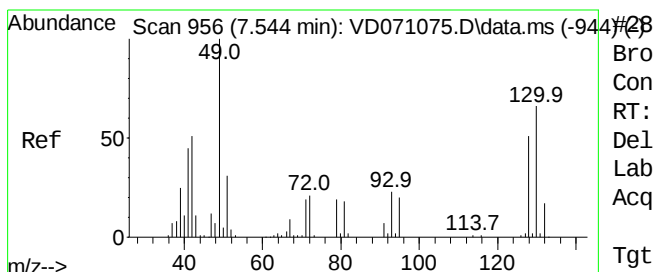
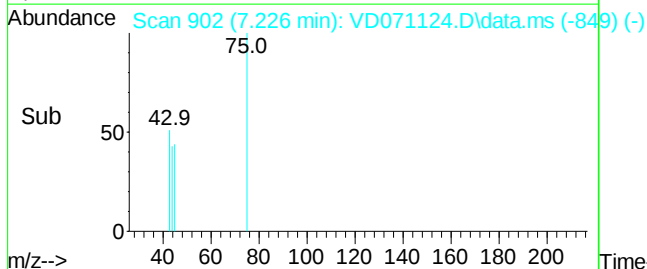
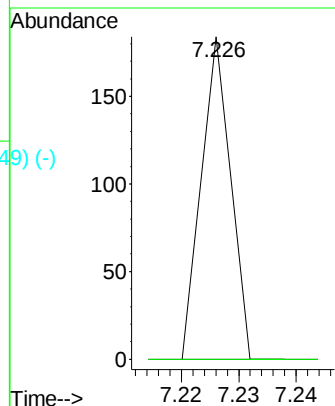
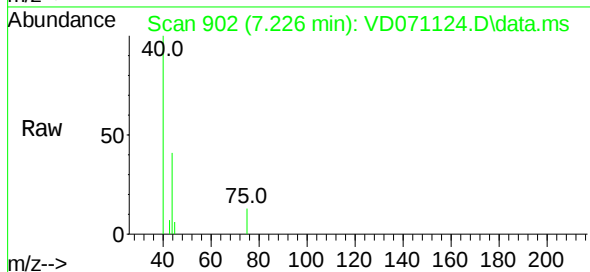
ClientSampleId :

Tgt Ion: 43 Resp: 65

Ion Ratio Lower Upper

43 100

72 0.0 23.8 35.6#



Bromochloromethane

Concen: 1.05 ug/l

RT: 7.585 min Scan# 963

Delta R.T. 0.041 min

Lab File: VD071124.D

Acq: 02 Dec 2021 18:06

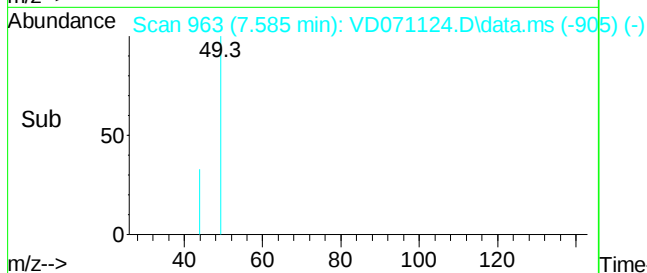
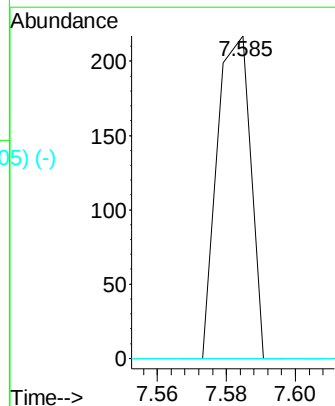
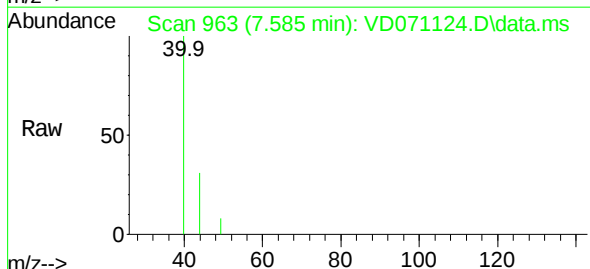
Tgt Ion: 49 Resp: 147

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 60.2 90.2#



Abundance Scan 959 (7.562 min): VD071075.D\data.ms (-943#29)

Tetrahydrofuran

Concen: 2.23 ug/l

RT: 7.361 min Scan#

Delta R.T. -0.201 min

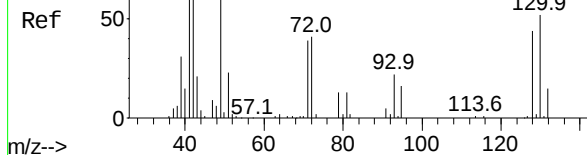
Lab File: VD071124.D

Acq: 02 Dec 2021 18:06

Instrument :

MSVOA_D

ClientSampleId :



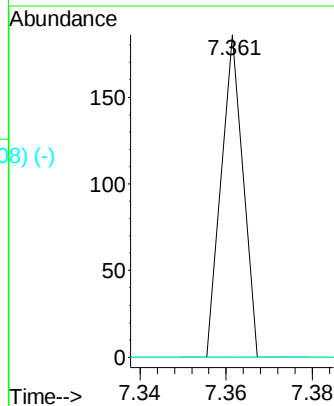
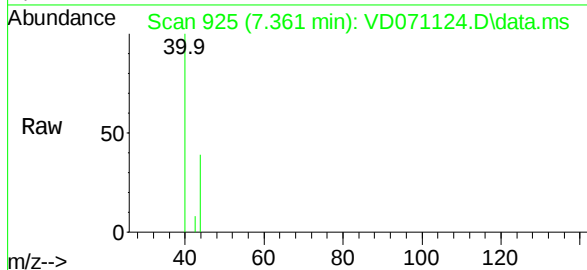
Tgt Ion: 42 Resp: 66

Ion Ratio Lower Upper

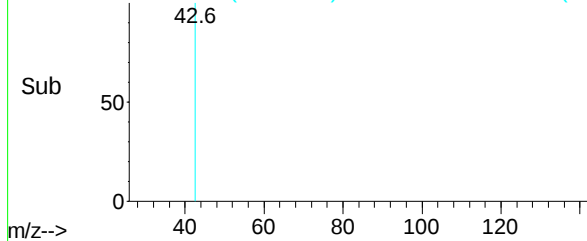
42 100

72 0.0 33.7 50.5#

71 0.0 32.7 49.1#



Abundance Scan 925 (7.361 min): VD071124.D\data.ms (-908) (-)



Abundance Scan 1089 (8.326 min): VD071075.D\data.ms (-1078#33)

1,2-Dichloroethane-d4

Concen: 77.84 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071124.D

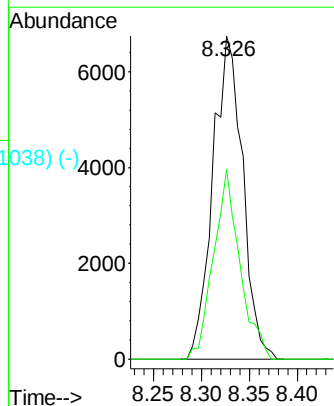
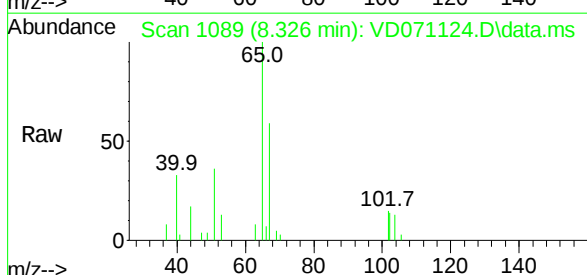
Acq: 02 Dec 2021 18:06

Tgt Ion: 65 Resp: 14498

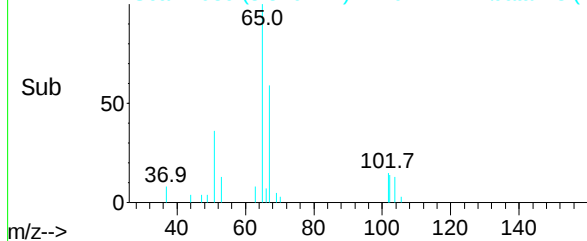
Ion Ratio Lower Upper

65 100

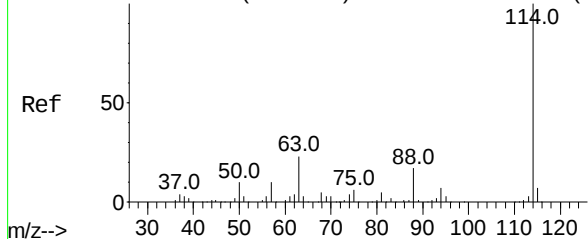
67 52.2 0.0 112.2



Abundance Scan 1089 (8.326 min): VD071124.D\data.ms (-1038) (-)



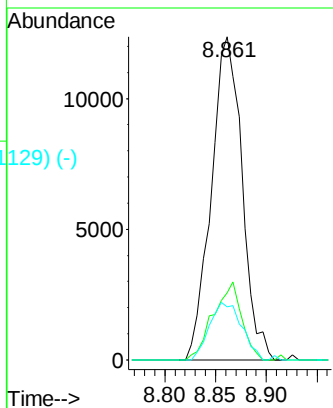
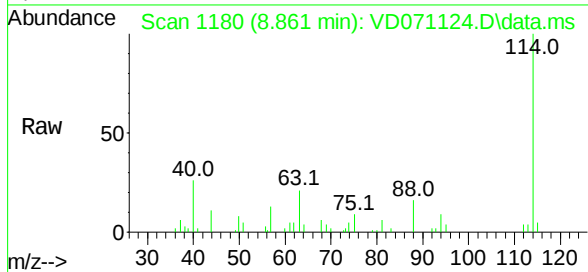
Abundance Scan 1180 (8.861 min): VD071075.D\data.ms (-11704-)



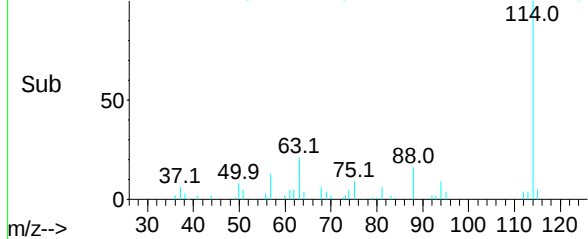
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071124.D
Acq: 02 Dec 2021 18:06

Instrument :
MSVOA_D
ClientSampleId :

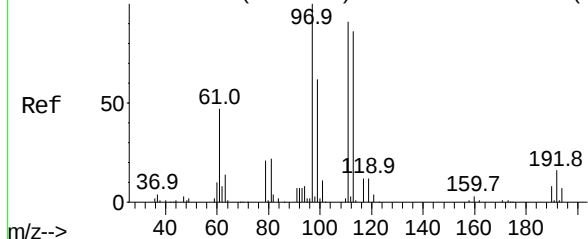
Tgt Ion:	114	Resp:	26028
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.8
88	16.5	0.0	32.8



Abundance Scan 1180 (8.861 min): VD071124.D\data.ms (-1129-)

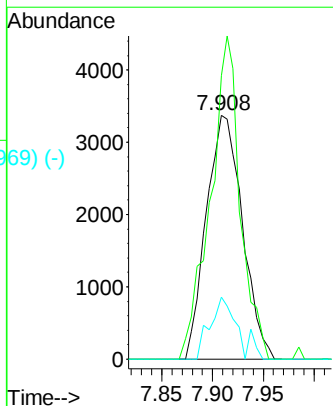
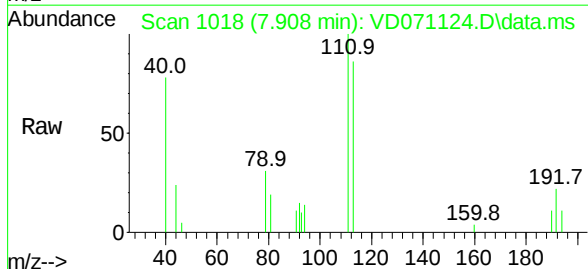


Abundance Scan 1020 (7.920 min): VD071075.D\data.ms (-10095-)

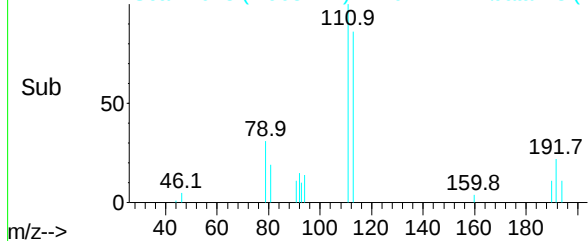


Dibromofluoromethane
Concen: 50.25 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD071124.D
Acq: 02 Dec 2021 18:06

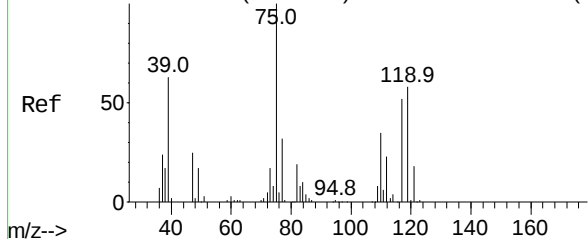
Tgt Ion:	113	Resp:	8329
Ion	Ratio	Lower	Upper
113	100		
111	109.6	82.0	123.0
192	17.0	15.2	22.8



Abundance Scan 1018 (7.908 min): VD071124.D\data.ms (-969-)



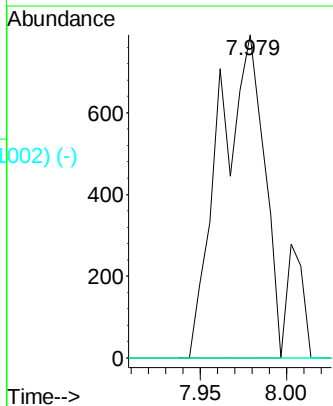
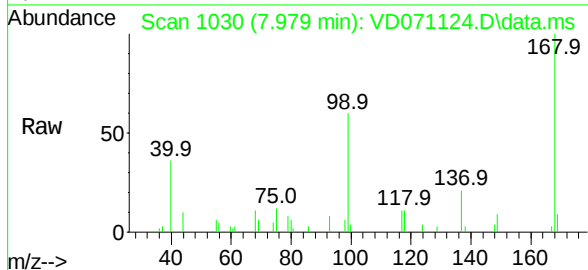
Abundance Scan 1053 (8.114 min): VD071075.D\data.ms (-1039)



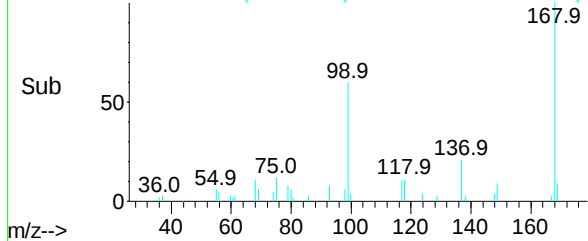
1,1-Dichloropropene
Concen: 5.84 ug/l
RT: 7.979 min Scan# 1053
Delta R.T. -0.135 min
Lab File: VD071124.D
Acq: 02 Dec 2021 18:06

Instrument :
MSVOA_D
ClientSampleId :

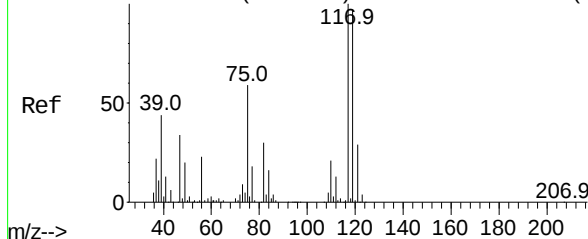
Tgt Ion: 75 Resp: 1421
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.4#
77 0.0 24.8 37.2#



Abundance Scan 1030 (7.979 min): VD071124.D\data.ms (-1002)

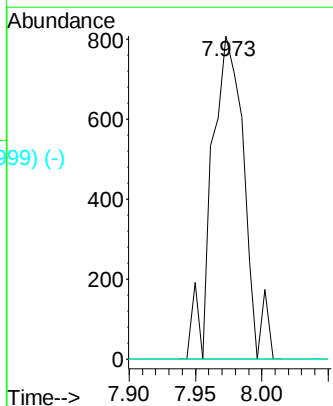
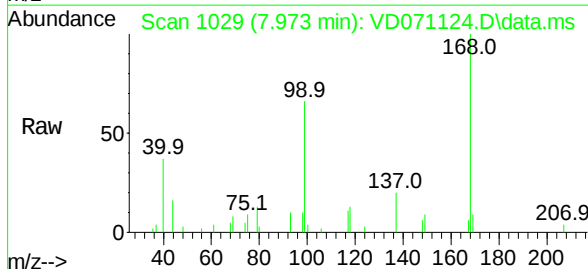


Abundance Scan 1050 (8.097 min): VD071075.D\data.ms (-1039)

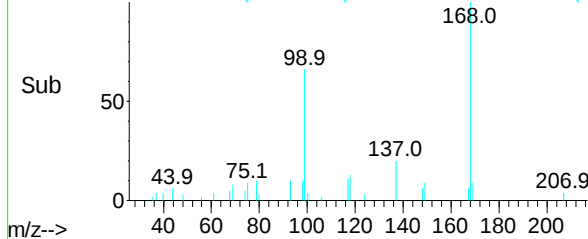


Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071124.D
Acq: 02 Dec 2021 18:06

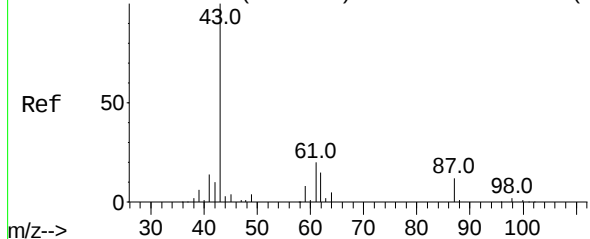
Tgt Ion: 117 Resp: 1368
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 23.6 35.4#



Abundance Scan 1029 (7.973 min): VD071124.D\data.ms (-999)



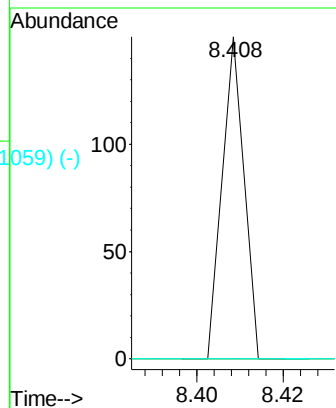
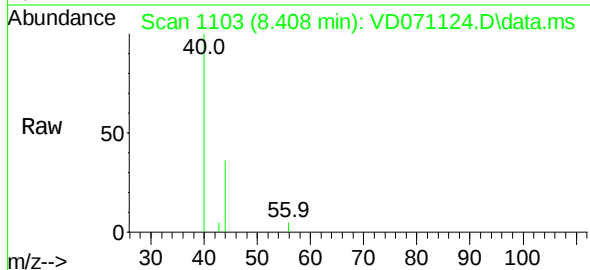
Abundance Scan 1110 (8.450 min): VD071075.D\data.ms (-1099) (-)



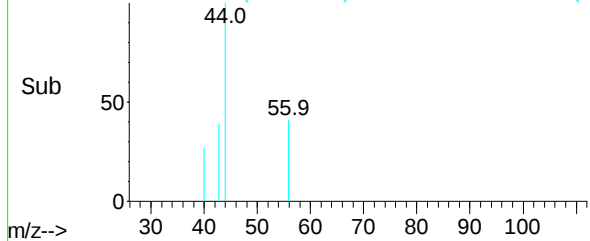
Isopropyl Acetate
Concen: 5.43 ug/l
RT: 8.408 min Scan# 1110
Delta R.T. -0.042 min
Lab File: VD071124.D
Acq: 02 Dec 2021 18:06

Instrument :
MSVOA_D
ClientSampleId :

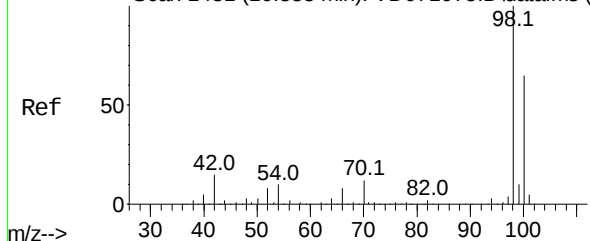
Tgt Ion:	43	Resp:	53
Ion	Ratio	Lower	Upper
43	100		
61	0.0	28.2	42.4#
87	0.0	10.7	16.1#



Abundance Scan 1103 (8.408 min): VD071124.D\data.ms (-1059) (-)

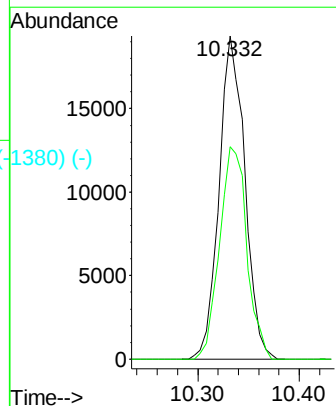
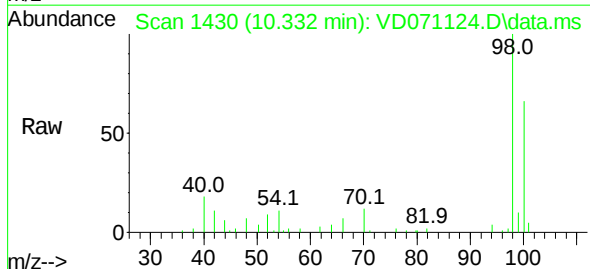


Abundance Scan 1431 (10.338 min): VD071075.D\data.ms (-1450) (-)

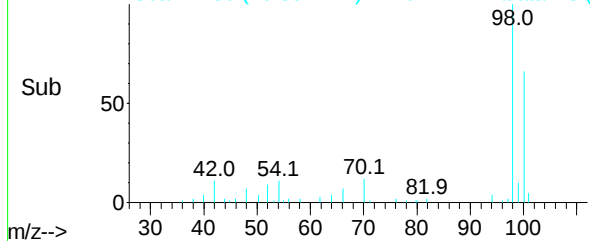


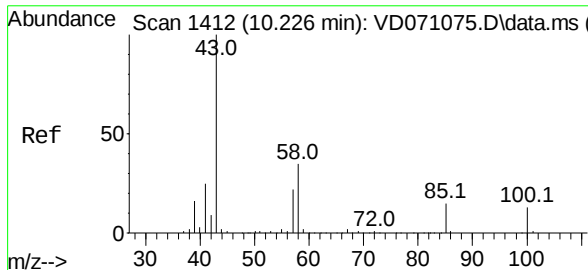
Toluene-d8
Concen: 54.03 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071124.D
Acq: 02 Dec 2021 18:06

Tgt Ion:	98	Resp:	34082
Ion	Ratio	Lower	Upper
98	100		
100	69.6	51.8	77.6



Abundance Scan 1430 (10.332 min): VD071124.D\data.ms (-1380) (-)

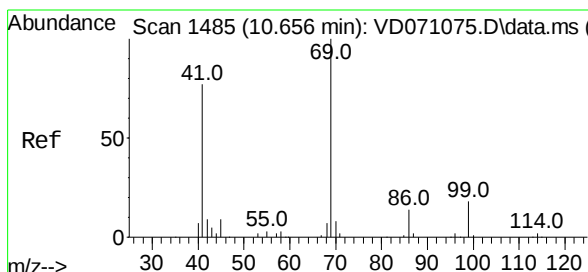
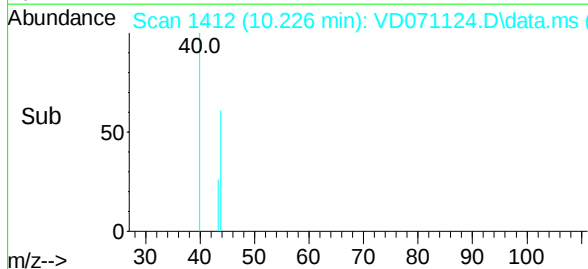
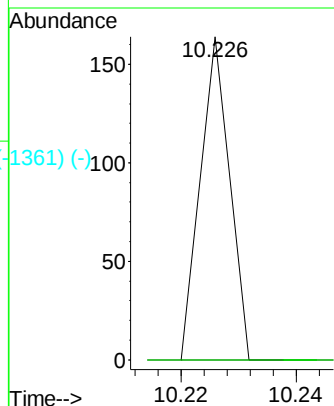
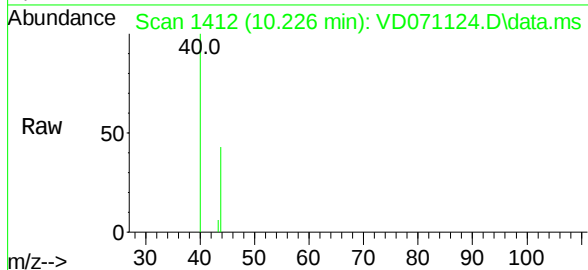




4-Methyl-2-Pentanone
 Concen: 31.08 ug/l
 RT: 10.226 min Scan# 1450
 Delta R.T. -0.000 min
 Lab File: VD071124.D
 Acq: 02 Dec 2021 18:06

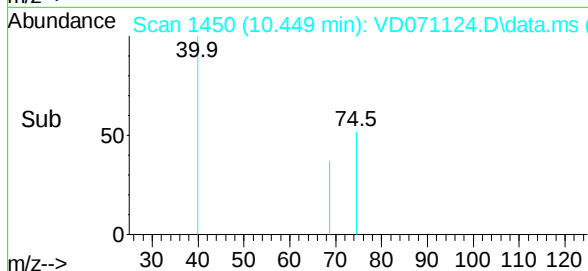
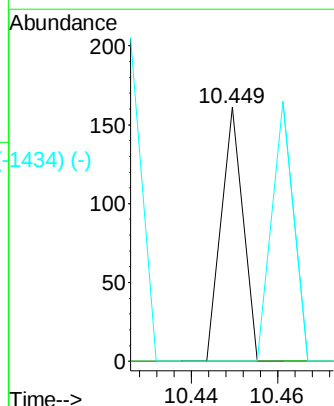
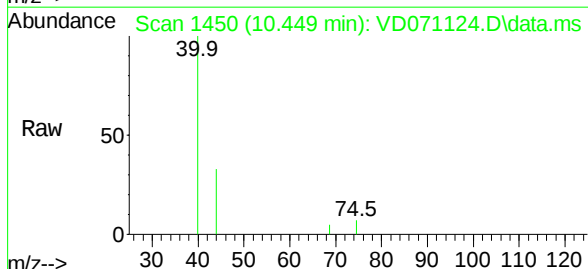
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 58
 Ion Ratio Lower Upper
 43 100
 58 0.0 33.1 49.7#



Ethyl methacrylate
 Concen: 6.27 ug/l
 RT: 10.449 min Scan# 1450
 Delta R.T. -0.207 min
 Lab File: VD071124.D
 Acq: 02 Dec 2021 18:06

Tgt Ion: 69 Resp: 57
 Ion Ratio Lower Upper
 69 100
 41 0.0 50.2 75.2#
 39 101.8 19.8 29.8#



Abundance Scan 1540 (10.979 min): VD071075.D\data.ms (-1559) (-)

2-Hexanone

Concen: 35.26 ug/l

RT: 10.914 min Scan# 1

Delta R.T. -0.065 min

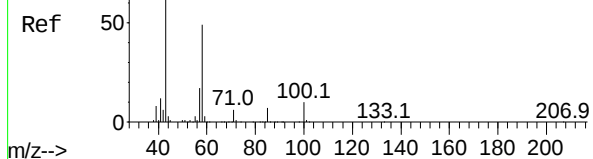
Lab File: VD071124.D

Acq: 02 Dec 2021 18:06

Instrument :

MSVOA_D

ClientSampleId :

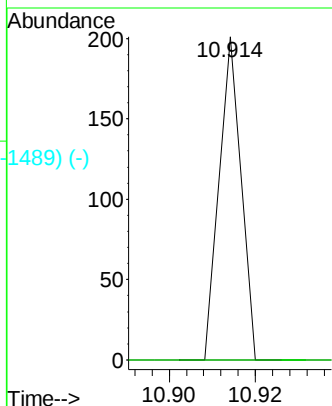
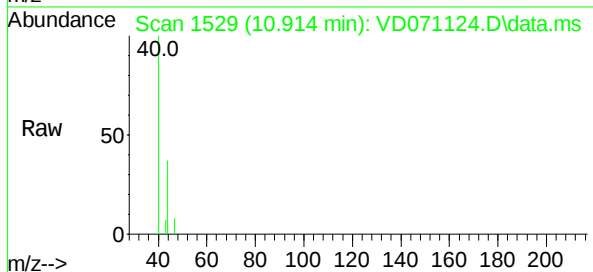


Tgt Ion: 43 Resp: 71

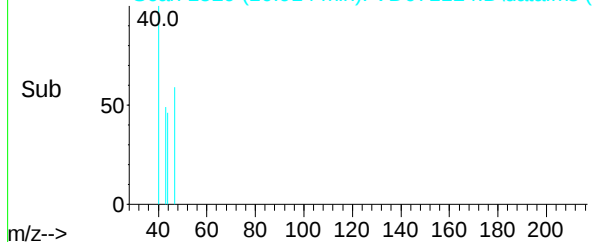
Ion Ratio Lower Upper

43 100

58 0.0 28.7 86.1#



Abundance Scan 1529 (10.914 min): VD071124.D\data.ms (-1489) (-)



Abundance Scan 1820 (12.626 min): VD071075.D\data.ms (-1762) (-)

4-Bromofluorobenzene

Concen: 68.52 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.006 min

Lab File: VD071124.D

Acq: 02 Dec 2021 18:06

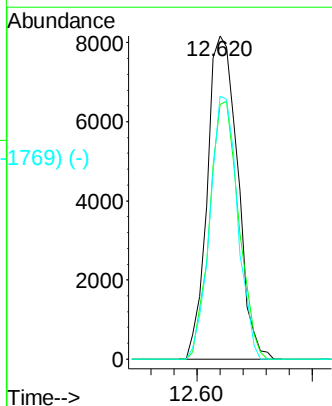
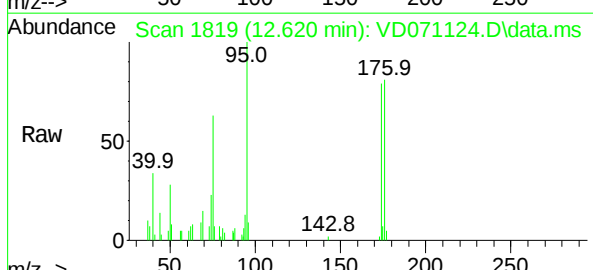
Tgt Ion: 95 Resp: 14982

Ion Ratio Lower Upper

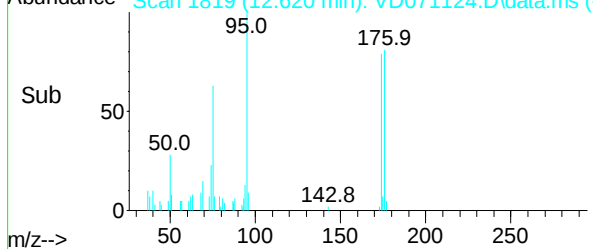
95 100

174 76.7 0.0 159.4

176 74.2 0.0 154.0



Abundance Scan 1819 (12.620 min): VD071124.D\data.ms (-1769) (-)



Abundance Scan 1652 (11.638 min): VD071075.D\data.ms (-1668) (-)

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.638 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD071124.D

Acq: 02 Dec 2021 18:06

Instrument :

MSVOA_D

ClientSampleId :

Ref

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Abundance Scan 1652 (11.638 min): VD071124.D\data.ms (-1601) (-)

Raw

Sub

Tgt Ion:117 Resp: 30689

Ion Ratio Lower Upper

117 100

82 56.0 44.7 67.1

119 32.1 26.2 39.4

Abundance

11.638

15000

10000

5000

0

Time-->

11.60 11.70

Abundance Scan 1774 (12.355 min): VD071075.D\data.ms (-1775) (-)

Bromoform

Concen: 1.40 ug/l

RT: 12.614 min Scan# 1818

Delta R.T. 0.259 min

Lab File: VD071124.D

Acq: 02 Dec 2021 18:06

Ref

Abundance Scan 1818 (12.614 min): VD071124.D\data.ms

Raw

Sub

Abundance Scan 1818 (12.614 min): VD071124.D\data.ms (-1723) (-)

Raw

Sub

Abundance Scan 1818 (12.614 min): VD071124.D\data.ms (-1723) (-)

Raw

Sub

Abundance Scan 1818 (12.614 min): VD071124.D\data.ms (-1723) (-)

Raw

Sub

Abundance Scan 1818 (12.614 min): VD071124.D\data.ms (-1723) (-)

Raw

Sub

Abundance Scan 1818 (12.614 min): VD071124.D\data.ms (-1723) (-)

Raw

Sub

Abundance Scan 1818 (12.614 min): VD071124.D\data.ms (-1723) (-)

Raw

Sub

Abundance Scan 1818 (12.614 min): VD071124.D\data.ms (-1723) (-)

Raw

Sub

Abundance Scan 1818 (12.614 min): VD071124.D\data.ms (-1723) (-)

Raw

Sub

Abundance Scan 1818 (12.614 min): VD071124.D\data.ms (-1723) (-)

Raw

Sub

Abundance Scan 1818 (12.614 min): VD071124.D\data.ms (-1723) (-)

Raw

Sub

Abundance Scan 1818 (12.614 min): VD071124.D\data.ms (-1723) (-)

Raw

Sub

Abundance Scan 1818 (12.614 min): VD071124.D\data.ms (-1723) (-)

Raw

Sub

Abundance Scan 1818 (12.614 min): VD071124.D\data.ms (-1723) (-)

Raw

Sub

Tgt Ion:173 Resp: 151

Ion Ratio Lower Upper

173 100

175 262.9 24.1 72.2#

254 0.0 0.1 0.1#

Abundance

12.614

500

400

300

200

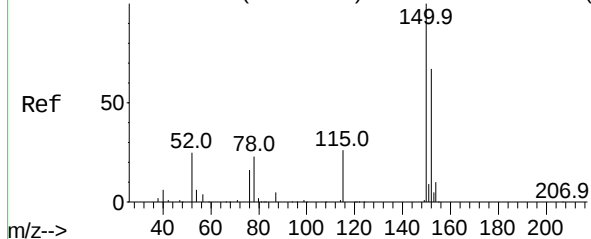
100

0

Time-->

12.60 12.62

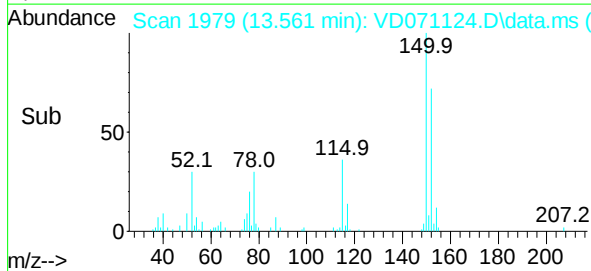
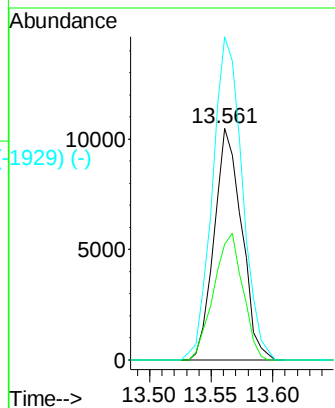
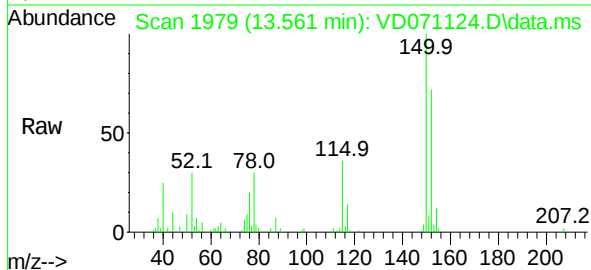
Abundance Scan 1980 (13.567 min): VD071075.D\data.ms (-1971) (-)



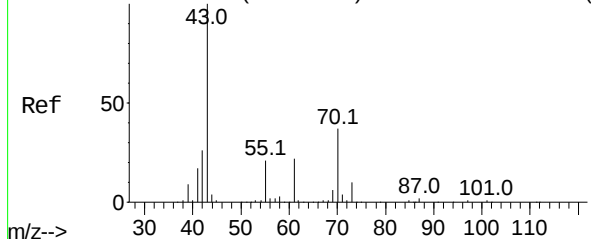
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071124.D
Acq: 02 Dec 2021 18:06

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 16311
Ion Ratio Lower Upper
152 100
115 57.5 29.8 89.3
150 151.3 0.0 349.2

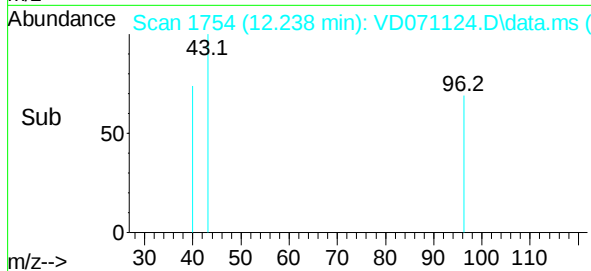
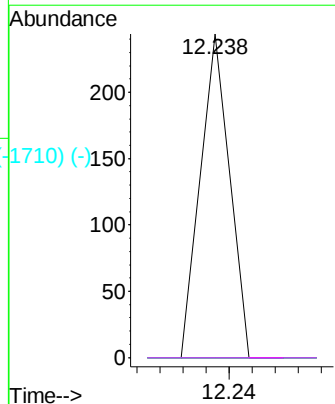
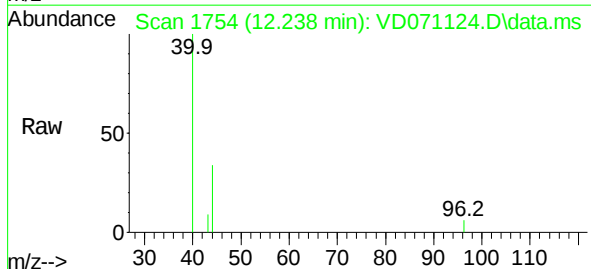


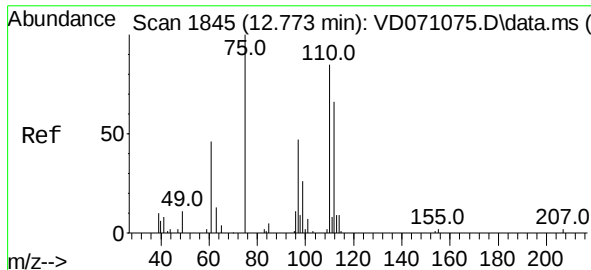
Abundance Scan 1761 (12.279 min): VD071075.D\data.ms (-1754) (-)



N-ethyl acetate
Concen: 5.94 ug/l
RT: 12.238 min Scan# 1754
Delta R.T. -0.041 min
Lab File: VD071124.D
Acq: 02 Dec 2021 18:06

Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 0.0 22.5 33.7#
61 0.0 20.5 30.7#

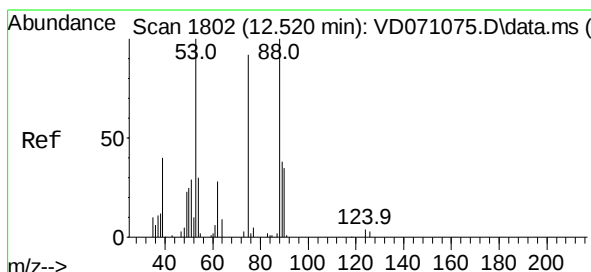
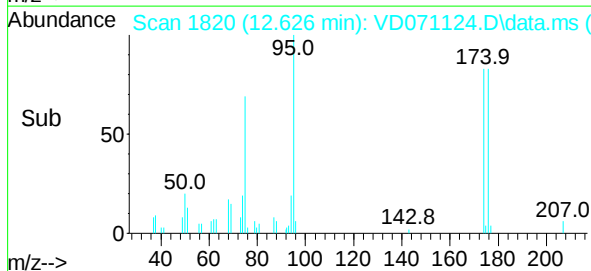
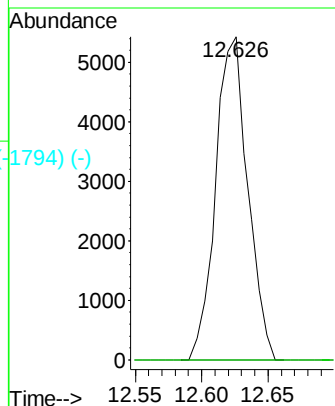
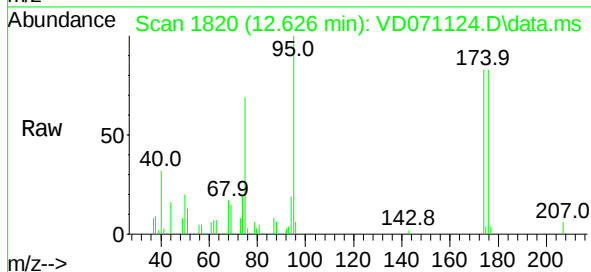




1,2,3-Trichloropropane
 Concen: 58.58 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071124.D
 Acq: 02 Dec 2021 18:06

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 9103
 Ion Ratio Lower Upper
 75 100
 77 0.0 158.4 475.3#



trans-1,4-Dichloro-2-butene
 Concen: 126.96 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD071124.D
 Acq: 02 Dec 2021 18:06

Tgt Ion: 75 Resp: 9103
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.0 34.5 51.7#

