

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067609.D
 Acq On : 11 Nov 2020 18:20
 Operator : VA/SY
 Sample : L4719-02
 Misc : 7.9G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-S2

Quant Time: Nov 12 00:11:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

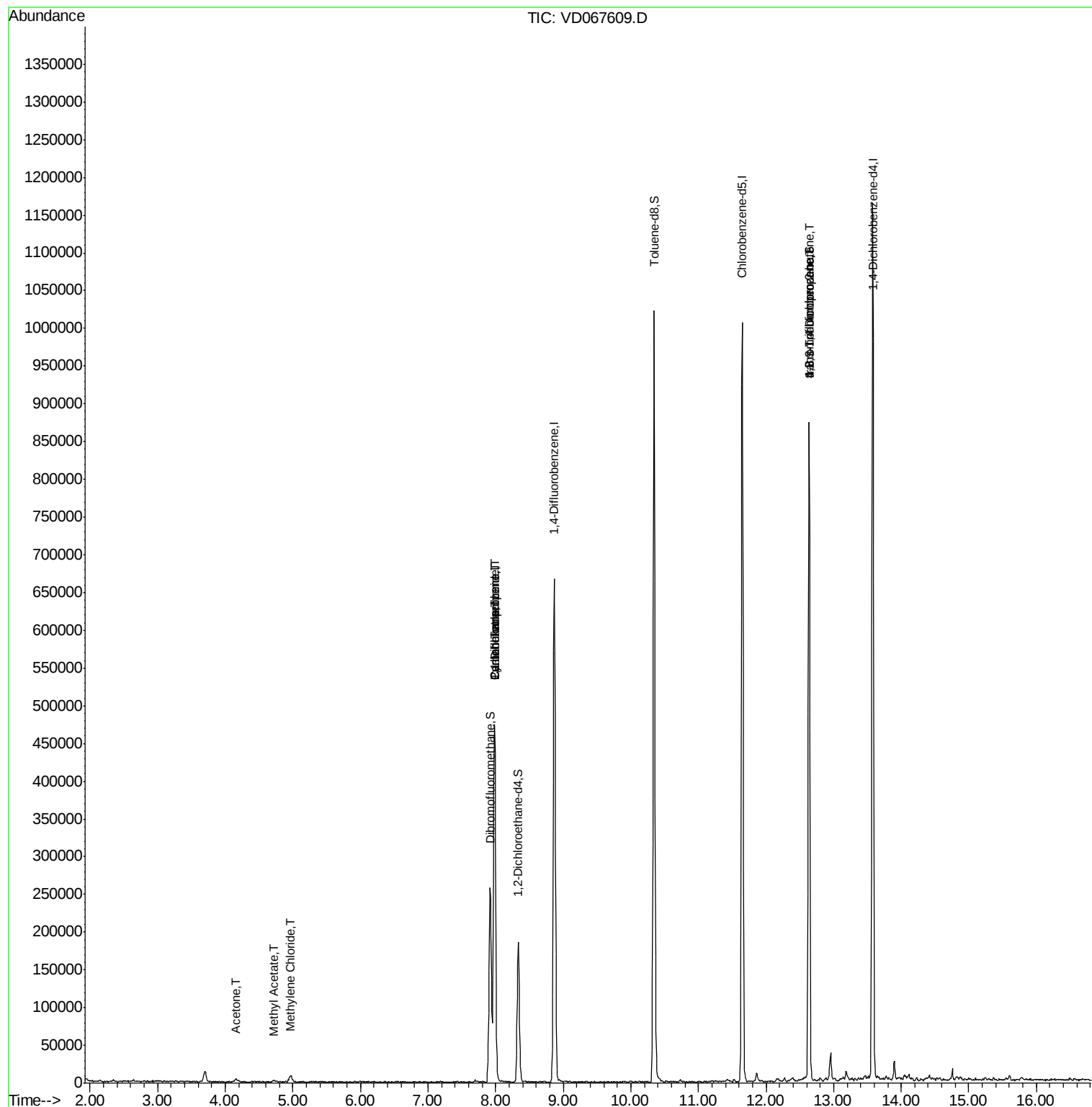
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	377075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	600801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	623798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	324741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	158962	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
35) Dibromofluoromethane	7.92	113	188083	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
50) Toluene-d8	10.34	98	716524	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.66%	
62) 4-Bromofluorobenzene	12.64	95	283488	64.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.10%	
Target Compounds						
16) Acetone	4.16	43	7531	15.264	ug/l	92
18) Methyl Acetate	4.72	43	3493	3.426	ug/l	92
20) Methylene Chloride	4.97	84	7548	2.166	ug/l #	81
31) Cyclohexane	7.99	56	6792	1.420	ug/l #	42
36) 1,1-Dichloropropene	7.98	75	25630	4.984	ug/l #	49
38) Carbon Tetrachloride	7.99	117	37478	5.609	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	138558	70.728	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	138558	143.597	ug/l #	10

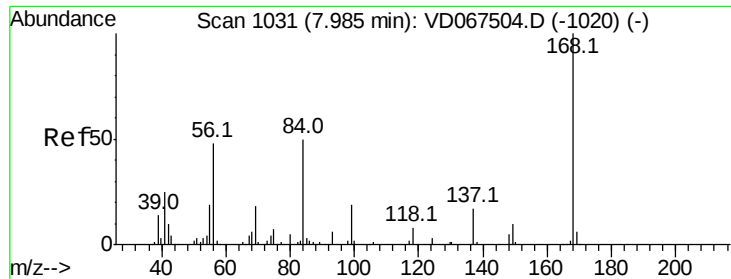
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Nov 12 00:11:11 2020
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067609.D

Acq: 11 Nov 2020 18:20

Instrument :

MSVOA_D

ClientSampleId :

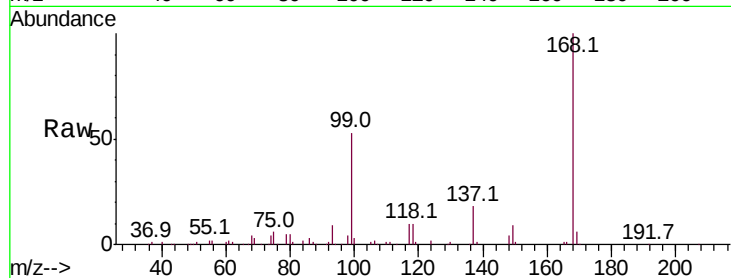
TP-3-S2

Tot Ion:168 Resp: 377075

Ion Ratio Lower Upper

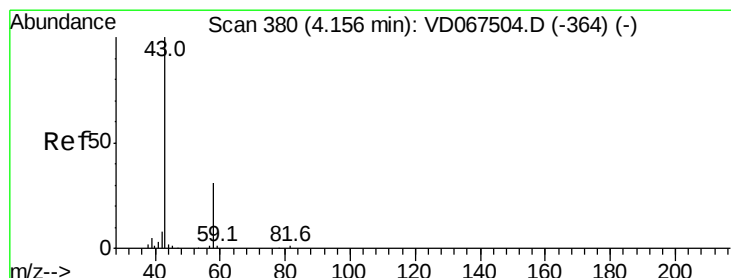
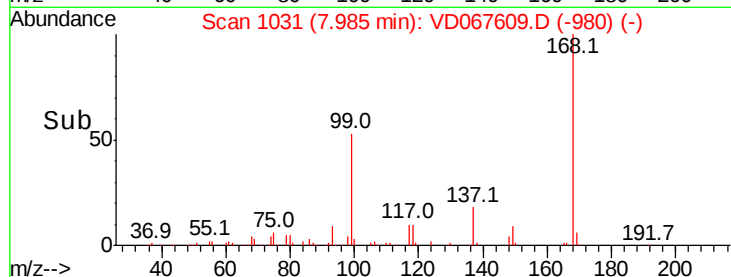
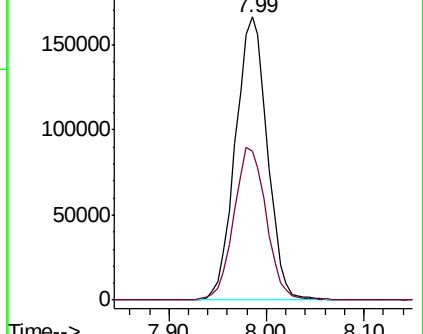
168 100

99 52.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 15.264 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067609.D

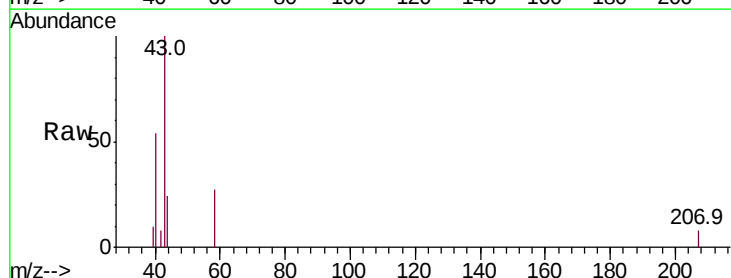
Acq: 11 Nov 2020 18:20

Tgt Ion: 43 Resp: 7531

Ion Ratio Lower Upper

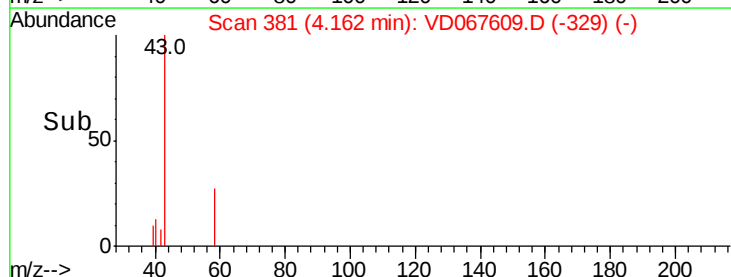
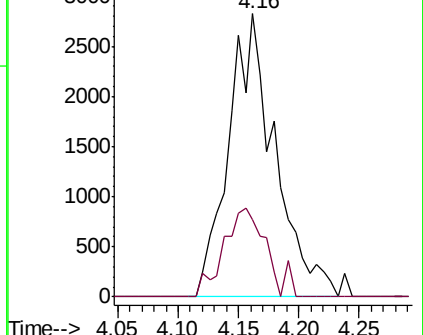
43 100

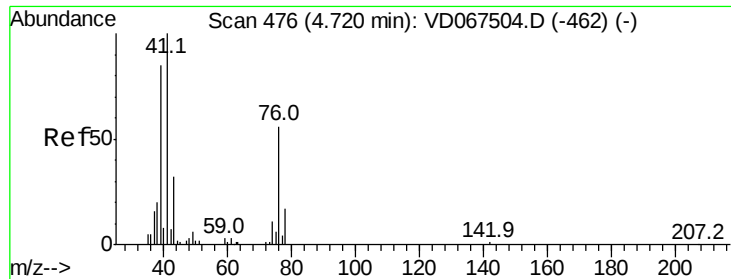
58 27.1 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

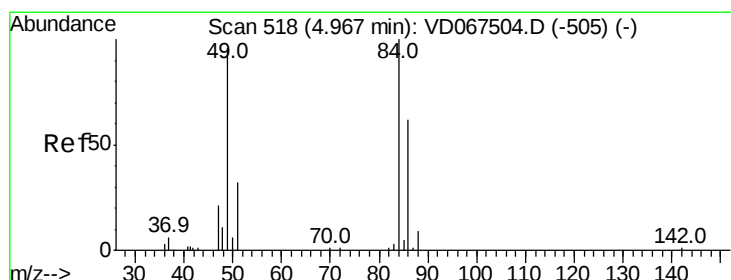
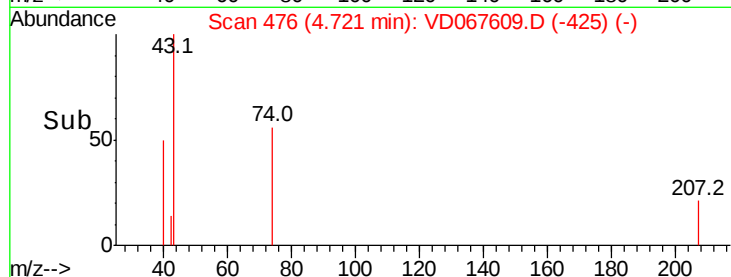
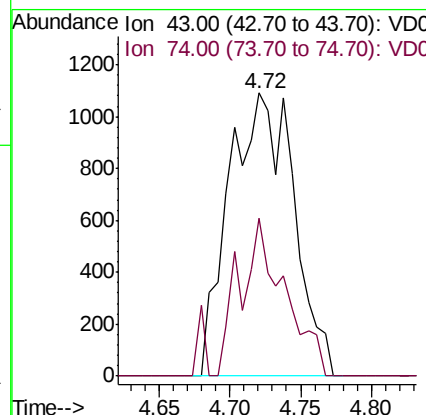
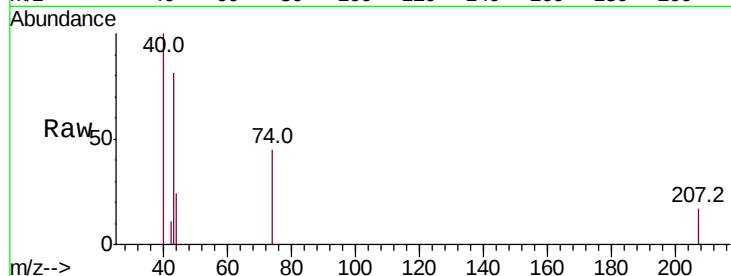




#18
Methyl Acetate
Concen: 3.426 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067609.D
Acq: 11 Nov 2020 18:20

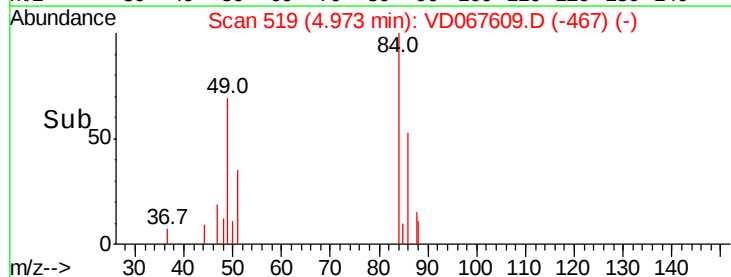
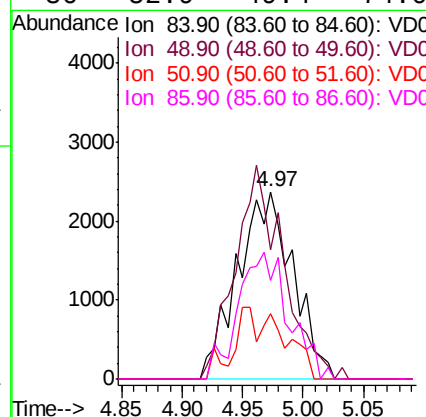
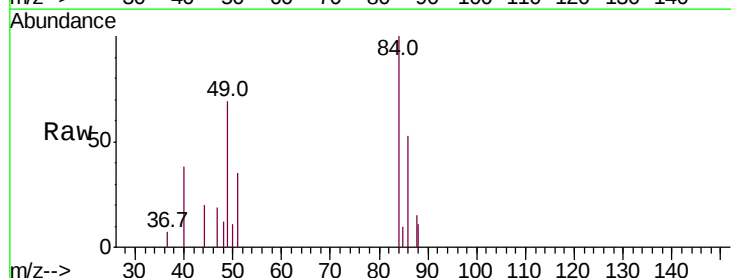
Instrument :
MSVOA_D
ClientSampleId :
TP-3-S2

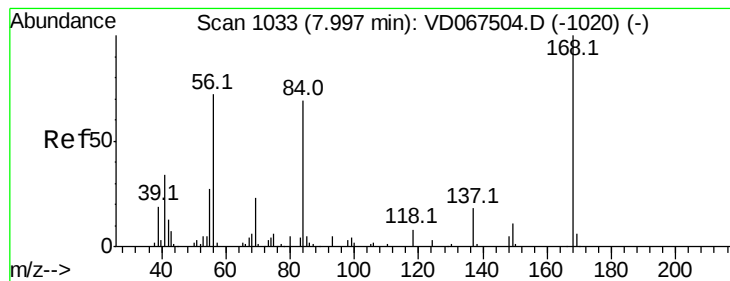
Tot Ion: 43 Resp: 3493
Ion Ratio Lower Upper
43 100
74 38.6 27.2 40.8



#20
Methylene Chloride
Concen: 2.166 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067609.D
Acq: 11 Nov 2020 18:20

Tgt Ion: 84 Resp: 7548
Ion Ratio Lower Upper
84 100
49 68.9 77.0 115.4#
51 34.6 25.4 38.2
86 52.9 49.4 74.0





#31

Cyclohexane

Concen: 1.420 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VD067609.D

Acq: 11 Nov 2020 18:20

Instrument :

MSVOA_D

ClientSampled :

TP-3-S2

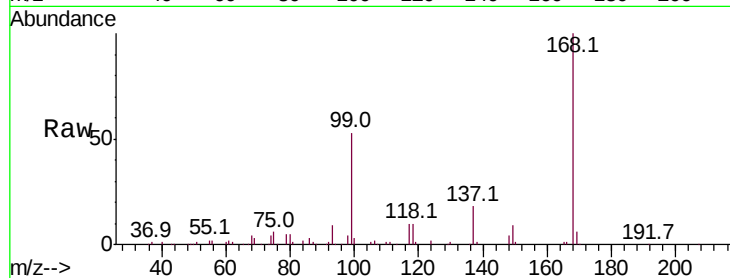
Tot Ion: 56 Resp: 6792

Ion Ratio Lower Upper

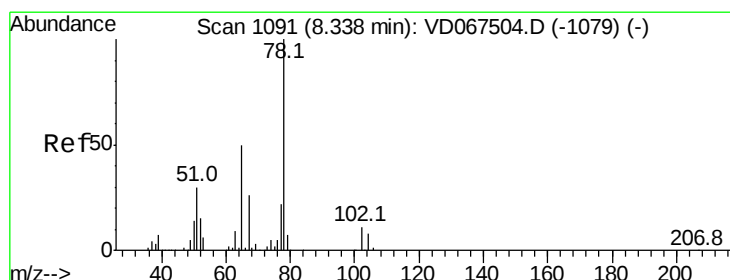
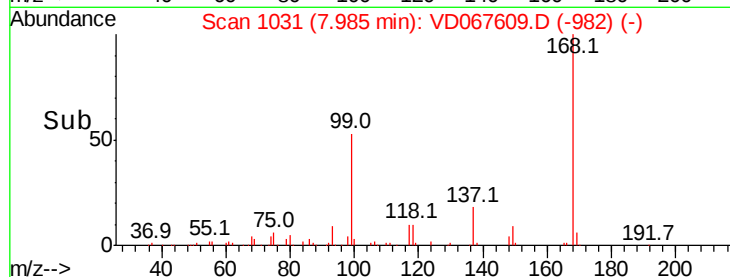
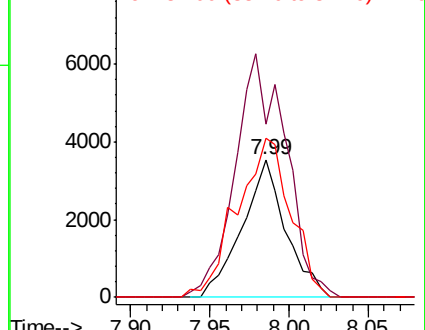
56 100

69 126.0 25.9 38.9#

84 115.3 76.2 114.4#



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 48.213 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067609.D

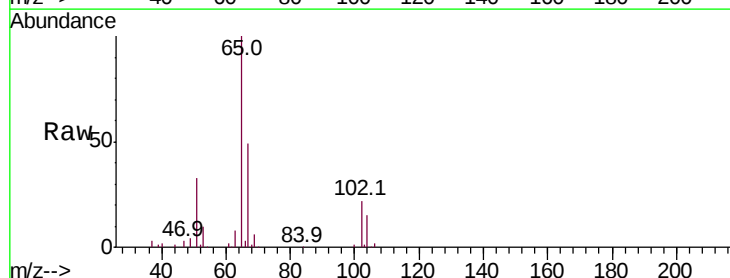
Acq: 11 Nov 2020 18:20

Tgt Ion: 65 Resp: 158962

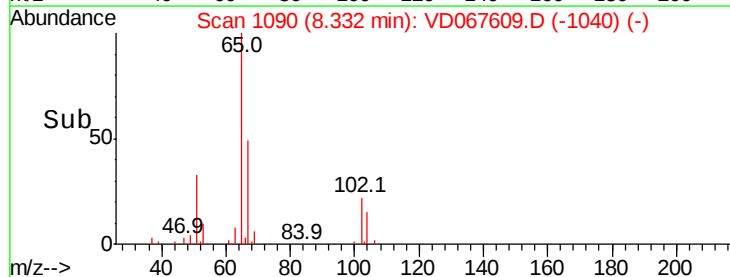
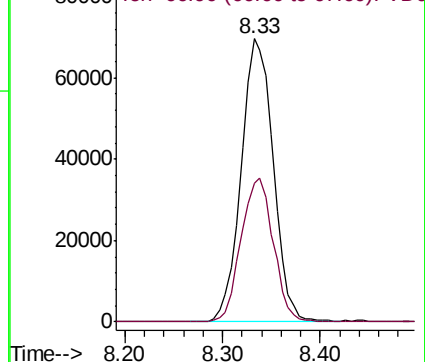
Ion Ratio Lower Upper

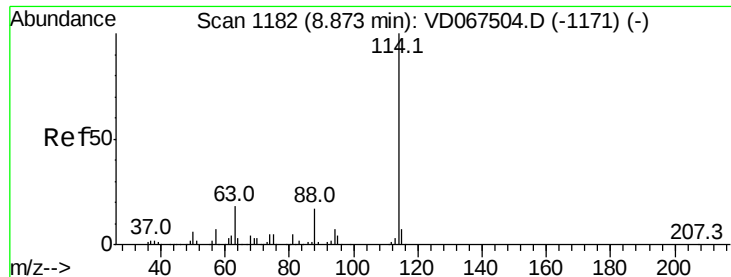
65 100

67 50.8 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

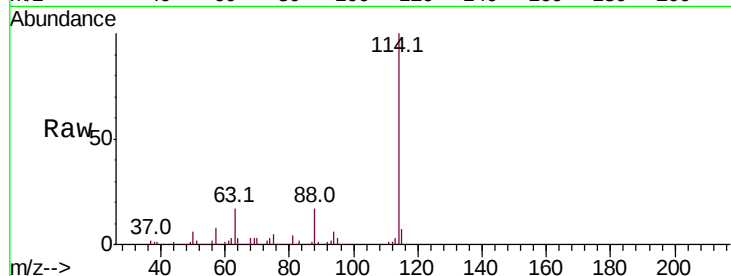




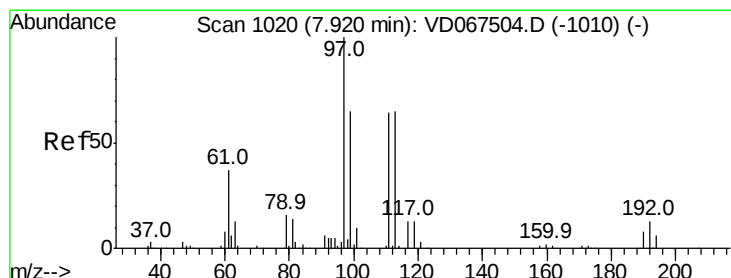
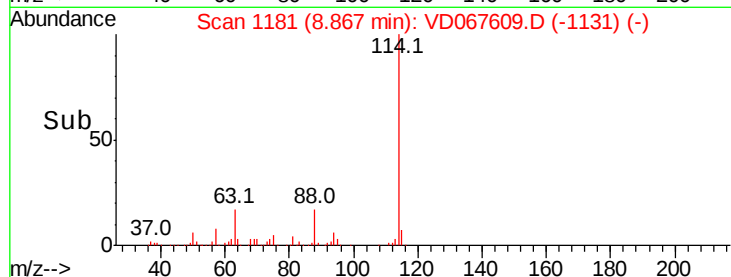
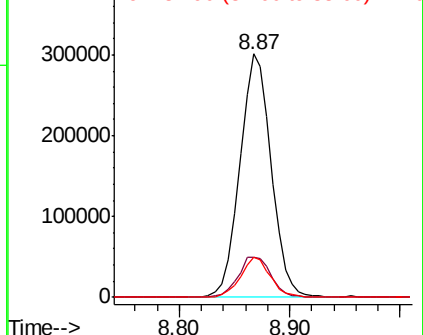
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067609.D
 Acq: 11 Nov 2020 18:20

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-S2

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	35.0
88	16.7	0.0	33.0

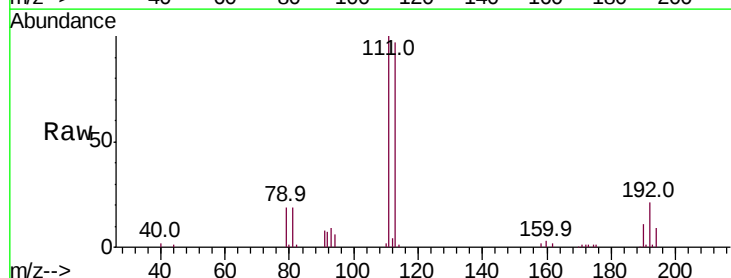


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

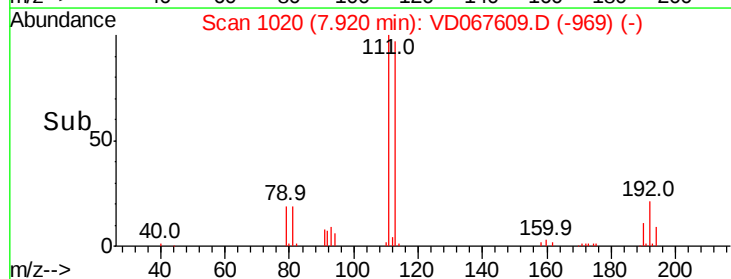
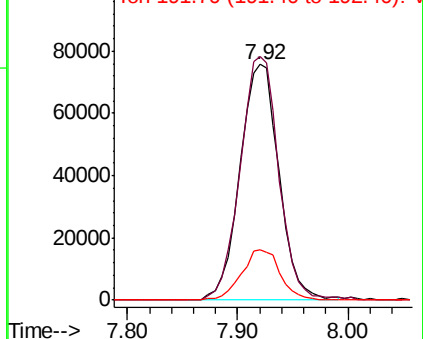


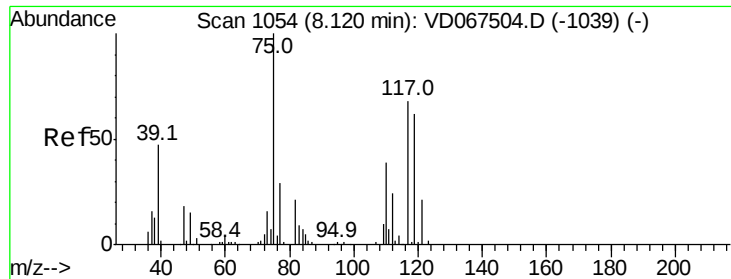
#35
 Dibromofluoromethane
 Concen: 51.959 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067609.D
 Acq: 11 Nov 2020 18:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.0	120.0
192	21.1	16.3	24.5



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.984 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067609.D

Acq: 11 Nov 2020 18:20

Instrument :

MSVOA_D

ClientSampleId :

TP-3-S2

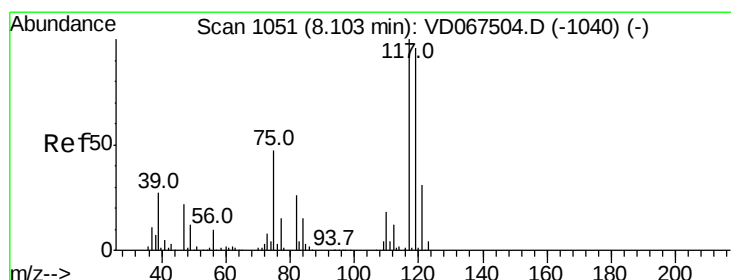
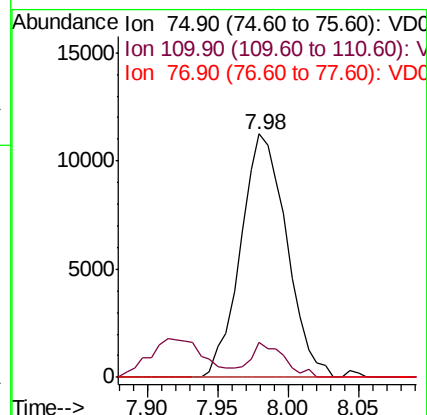
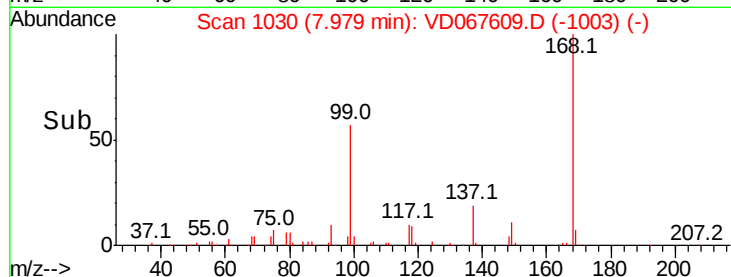
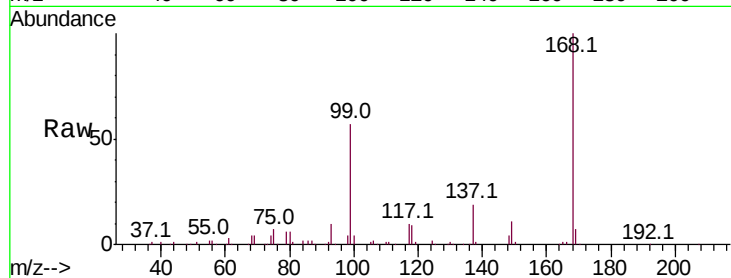
Tot Ion: 75 Resp: 25630

Ion Ratio Lower Upper

75 100

110 11.0 19.9 59.7#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.609 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.11 min

Lab File: VD067609.D

Acq: 11 Nov 2020 18:20

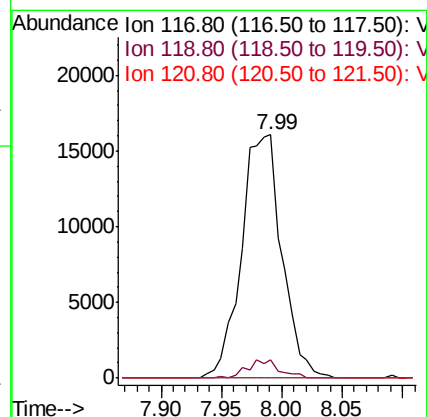
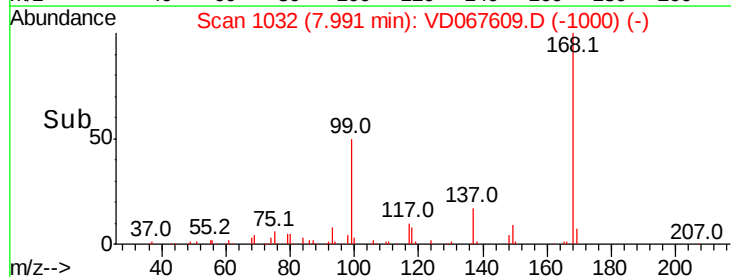
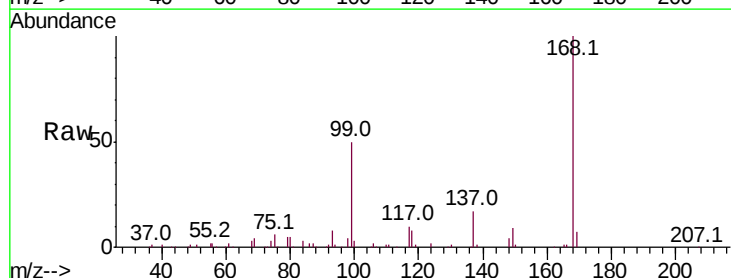
Tgt Ion: 117 Resp: 37478

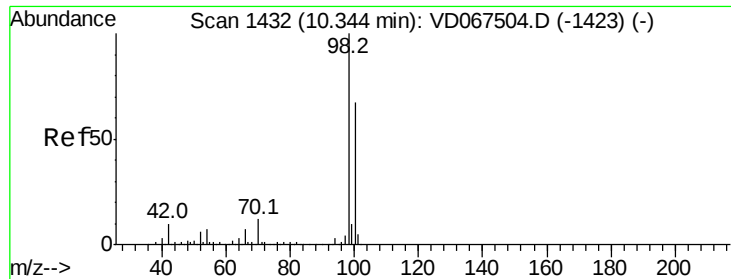
Ion Ratio Lower Upper

117 100

119 7.5 76.9 115.3#

121 0.0 24.5 36.7#

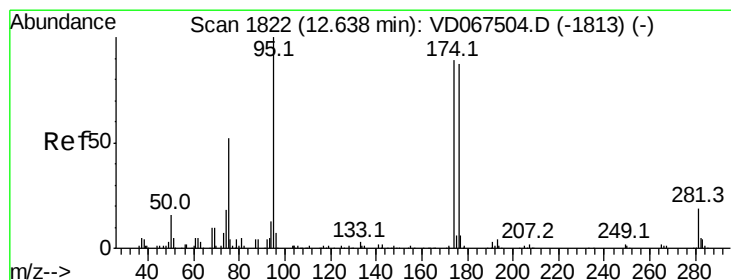
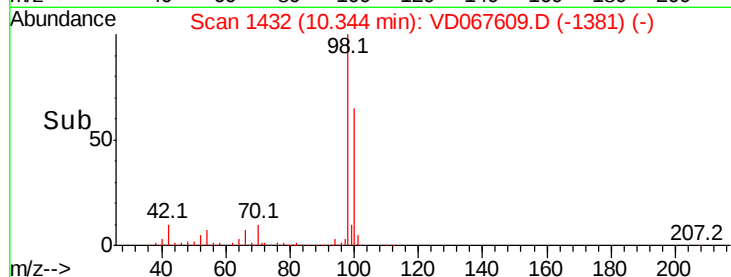
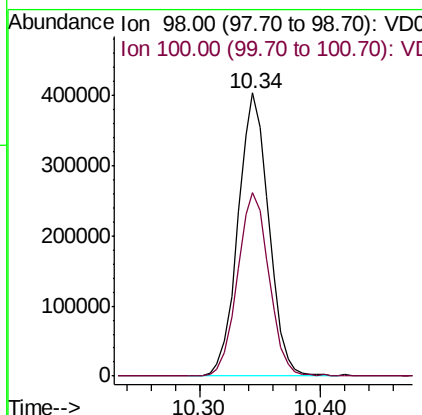
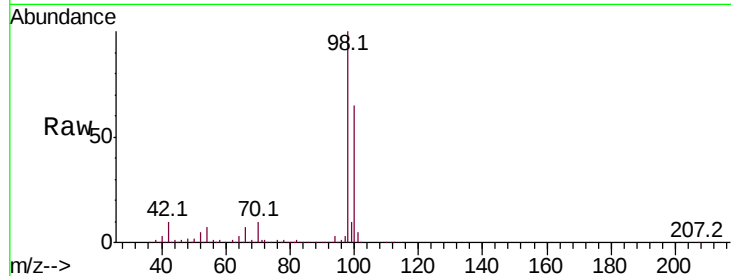




#50
Toluene-d8
Concen: 56.327 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067609.D
Acq: 11 Nov 2020 18:20

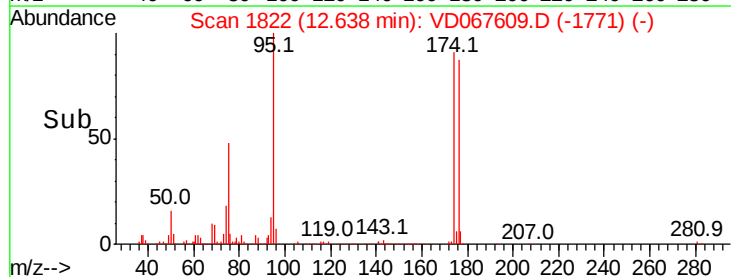
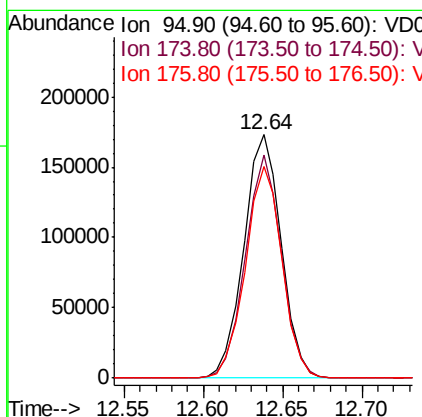
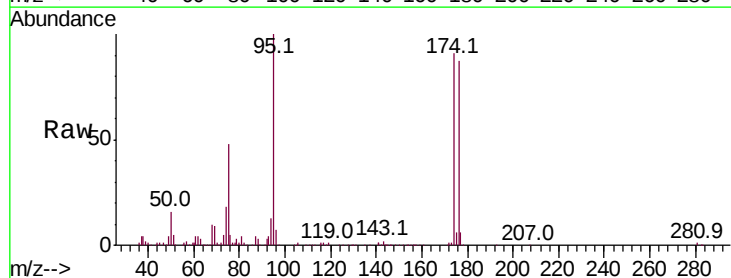
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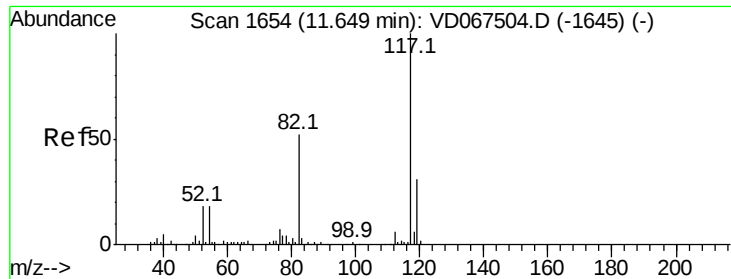
Tot Ion: 98 Resp: 716524
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 64.549 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067609.D
Acq: 11 Nov 2020 18:20

Tgt Ion: 95 Resp: 283488
Ion Ratio Lower Upper
95 100
174 88.5 0.0 177.8
176 85.2 0.0 172.0

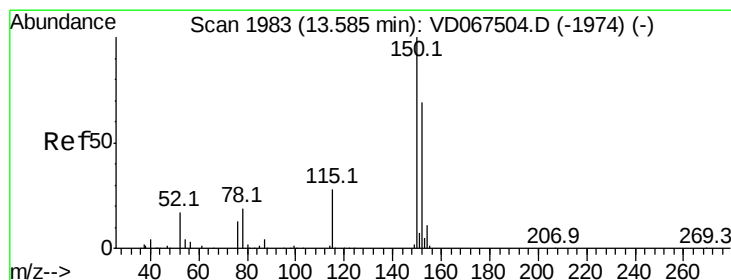
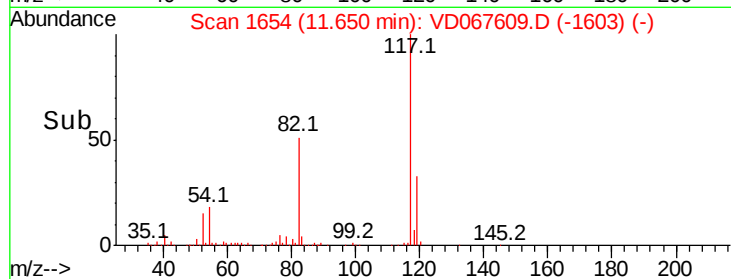
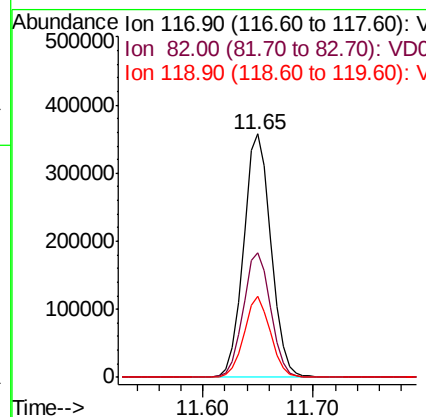
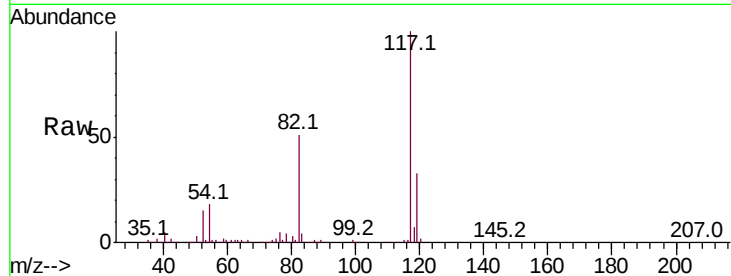




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067609.D
Acq: 11 Nov 2020 18:20

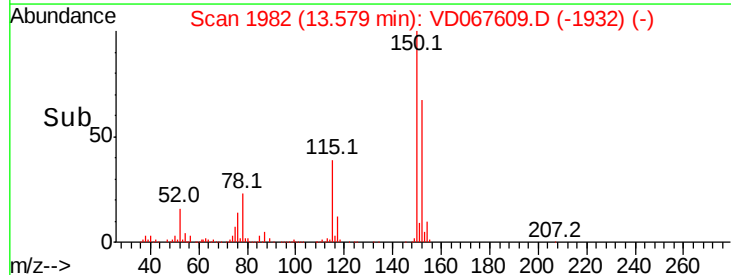
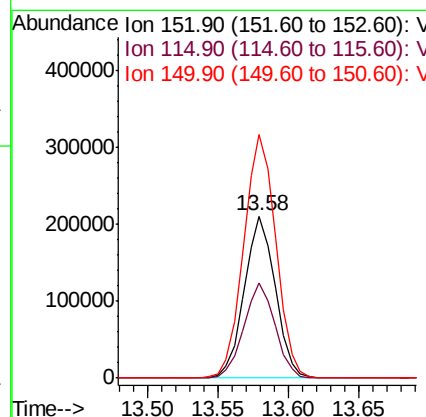
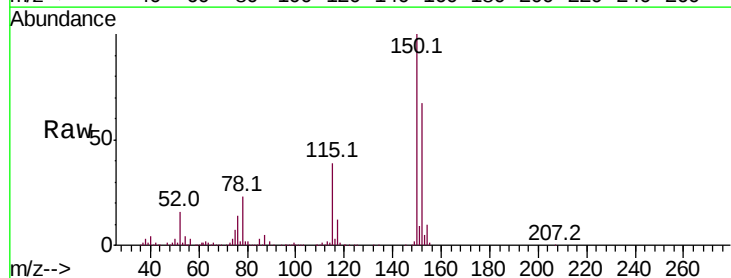
Instrument :
MSVOA_D
ClientSampleId :
TP-3-S2

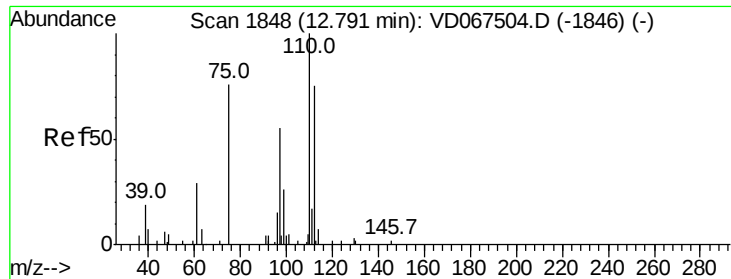
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.6	62.4
119	33.2	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067609.D
Acq: 11 Nov 2020 18:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.3	88.0
150	155.8	0.0	338.2





#76

1,2,3-Trichloropropane

Concen: 70.728 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067609.D

Acq: 11 Nov 2020 18:20

Instrument :

MSVOA_D

ClientSampleId :

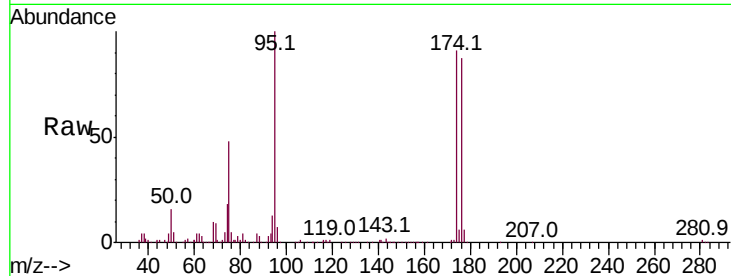
TP-3-S2

Tot Ion: 75 Resp: 138558

Ion Ratio Lower Upper

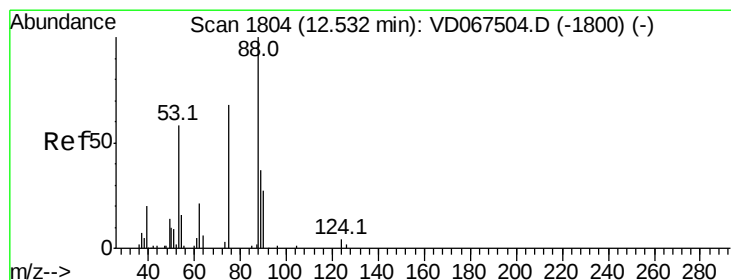
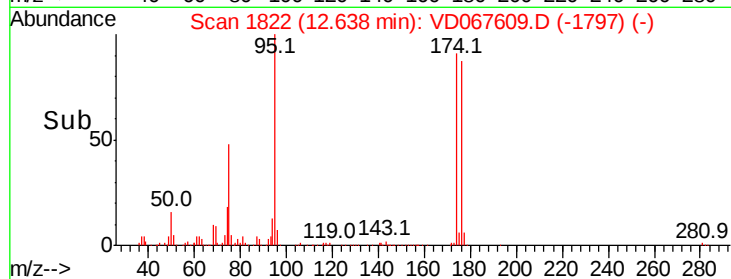
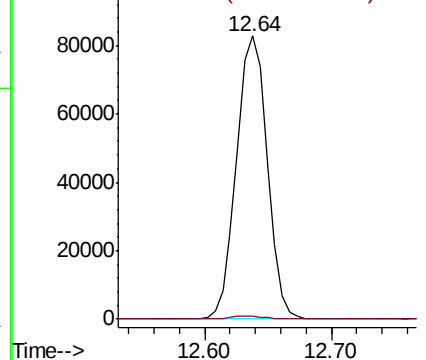
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 143.597 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067609.D

Acq: 11 Nov 2020 18:20

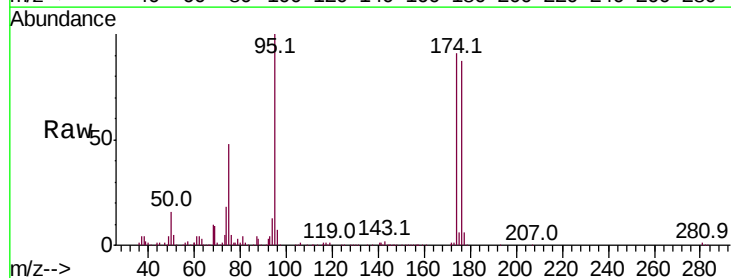
Tgt Ion: 75 Resp: 138558

Ion Ratio Lower Upper

75 100

53 0.1 75.9 113.9#

89 0.1 44.6 67.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

