

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102920\
 Data File : VD067450.D
 Acq On : 29 Oct 2020 14:24
 Operator : VA/SY
 Sample : L4561-02
 Misc : 6.80G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-LOC2-SO-0002

Quant Time: Oct 30 02:27:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

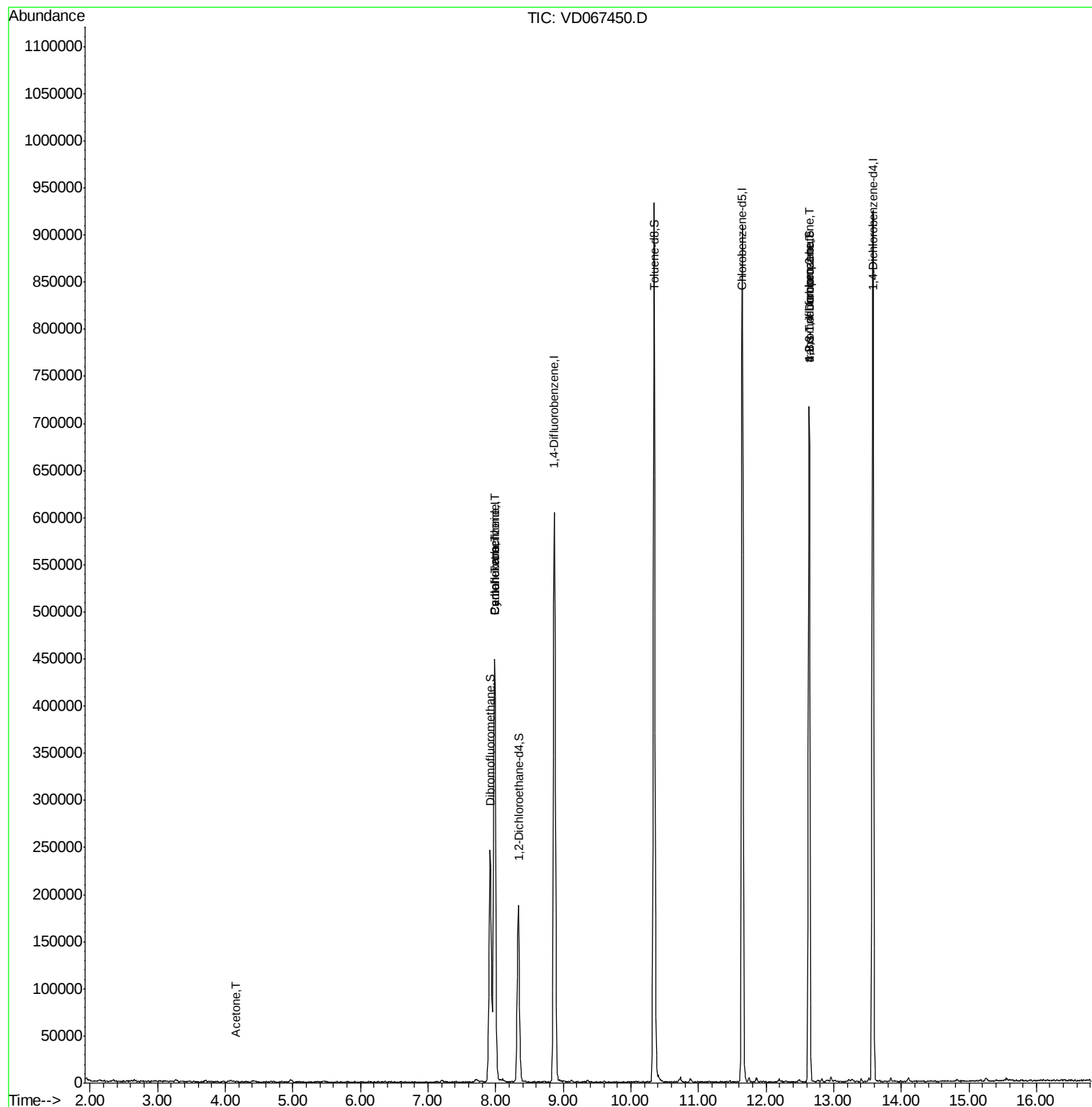
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	347510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	552897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	539207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	264187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	162794	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
35) Dibromofluoromethane	7.92	113	175993	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
50) Toluene-d8	10.34	98	643764	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	12.64	95	224863	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	889	Below Cal	#	44
5) Bromomethane	2.77	94	521	Below Cal	#	3
16) Acetone	4.16	43	643	1.319	ug/l #	42
20) Methylene Chloride	4.96	84	1863	Below Cal	#	70
31) Cyclohexane	7.98	56	7362	1.836	ug/l #	35
38) Carbon Tetrachloride	7.98	117	35650	5.952	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	117081	63.941	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	117081	145.000	ug/l #	10

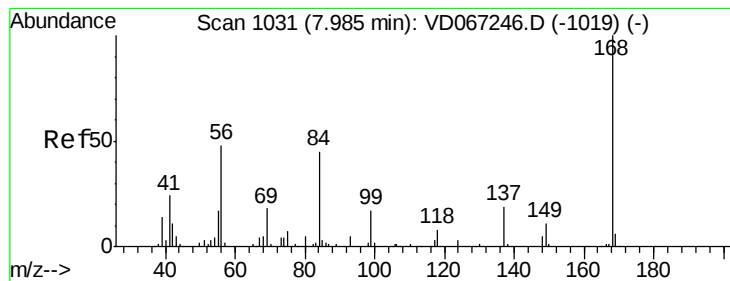
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102920\
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STOCKPILE-LOC2-SO-0002

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067450.D

Acq: 29 Oct 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

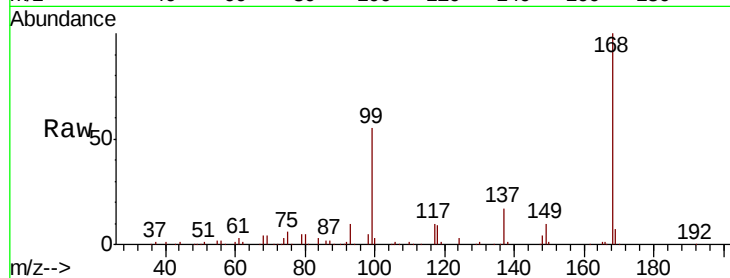
STOCKPILE-LOC2-SO-0002

Tot Ion:168 Resp: 347510

Ion Ratio Lower Upper

168 100

99 54.7 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

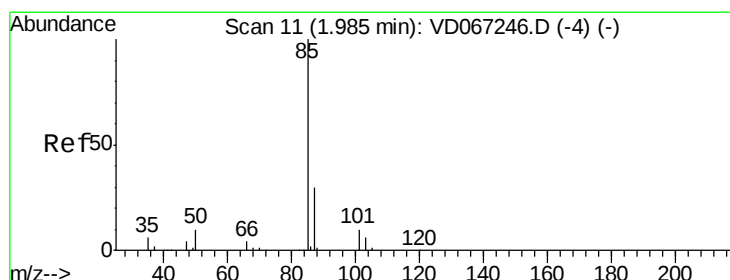
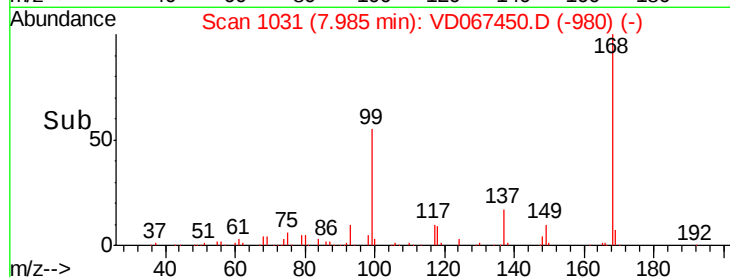
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067450.D

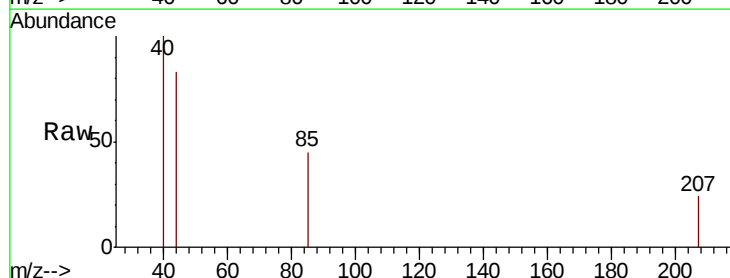
Acq: 29 Oct 2020 14:24

Tgt Ion: 85 Resp: 889

Ion Ratio Lower Upper

85 100

87 0.0 15.2 45.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

800

600

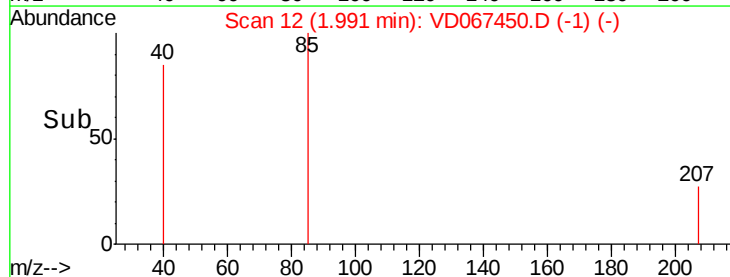
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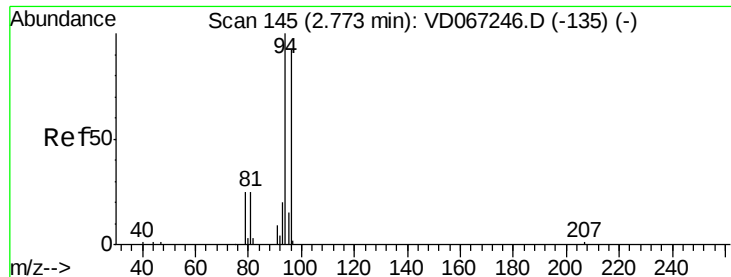
200

0

1.94 1.96 1.98 2.00 2.02

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067450.D

Acq: 29 Oct 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

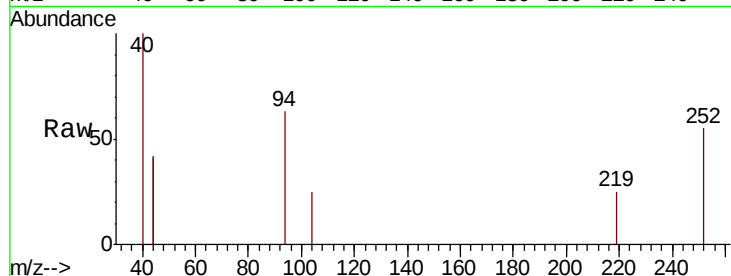
STOCKPILE-LOC2-SO-0002

Tot Ion: 94 Resp: 521

Ion Ratio Lower Upper

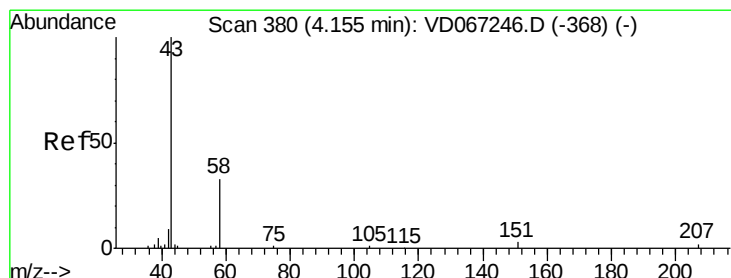
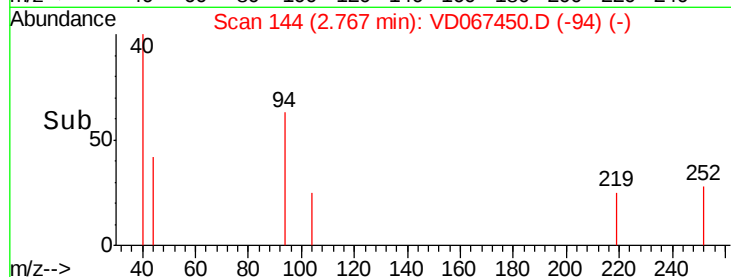
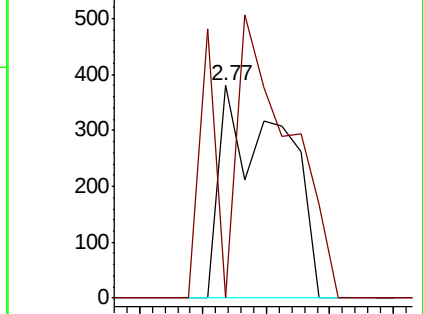
94 100

96 0.0 73.8 110.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#16

Acetone

Concen: 1.319 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067450.D

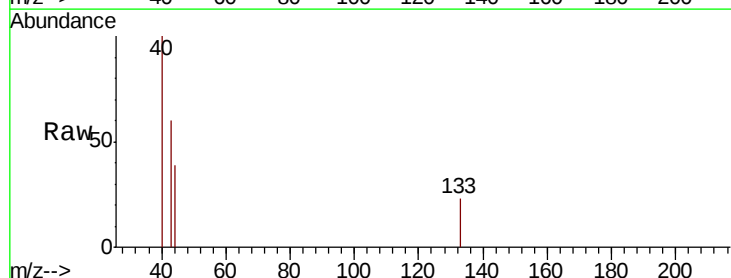
Acq: 29 Oct 2020 14:24

Tgt Ion: 43 Resp: 643

Ion Ratio Lower Upper

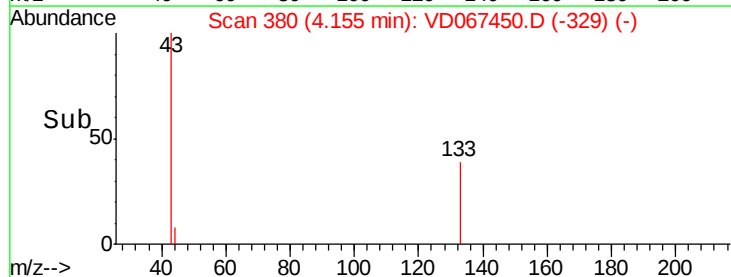
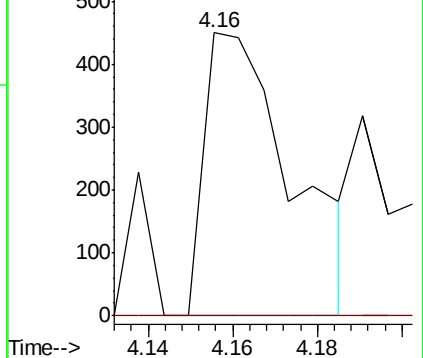
43 100

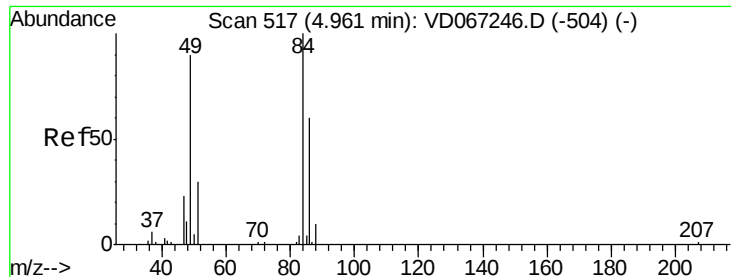
58 0.0 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

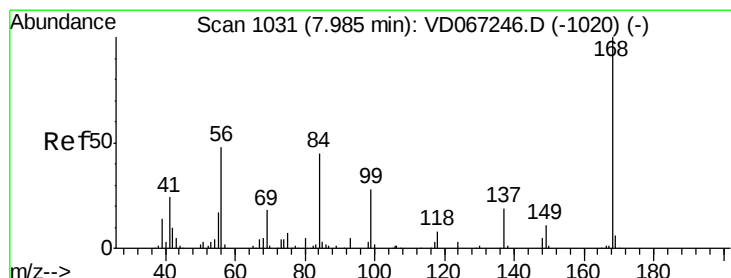
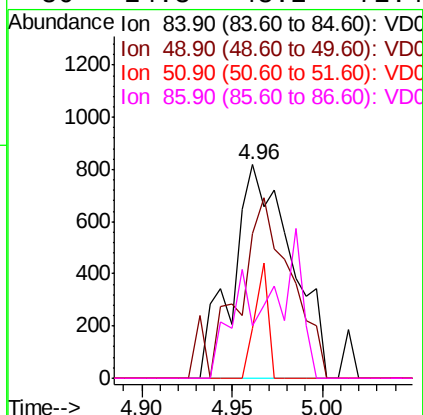
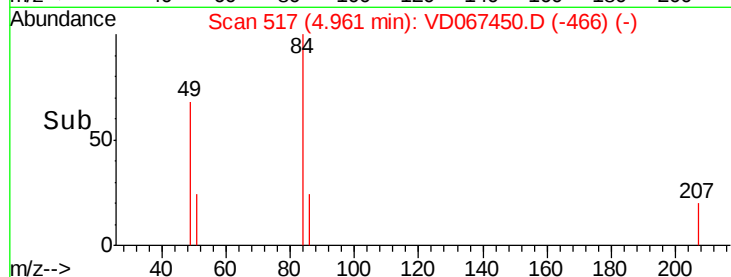
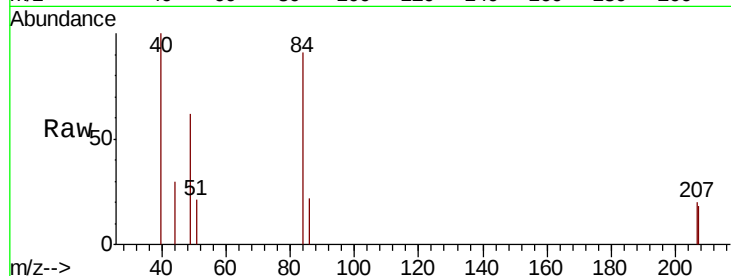




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067450.D
Acq: 29 Oct 2020 14:24

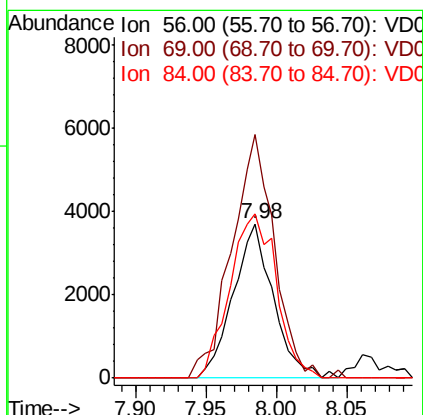
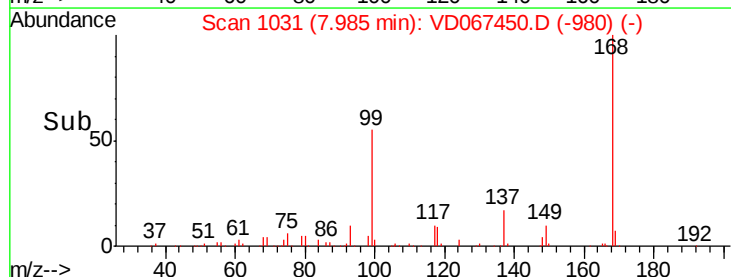
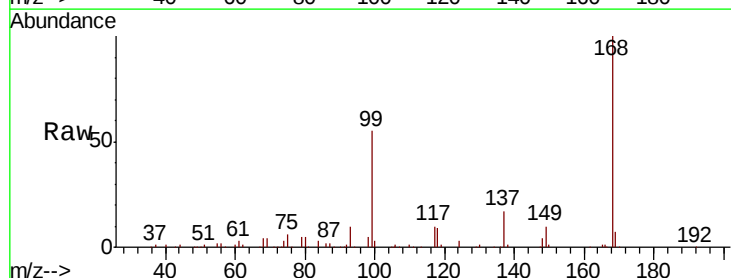
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-LOC2-SO-0002

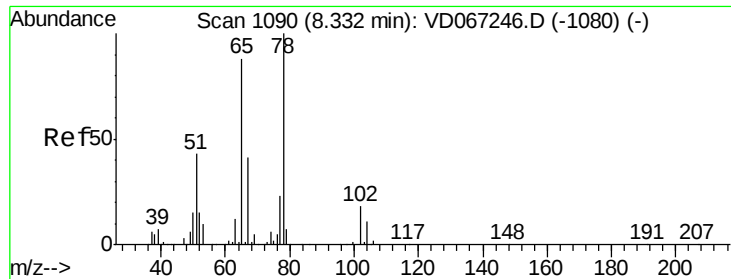
Tot Ion: 84 Resp: 1863
Ion Ratio Lower Upper
84 100
49 67.6 72.2 108.2#
51 23.6 23.8 35.8#
86 24.3 48.2 72.4#



#31
Cyclohexane
Concen: 1.836 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067450.D
Acq: 29 Oct 2020 14:24

Tgt Ion: 56 Resp: 7362
Ion Ratio Lower Upper
56 100
69 157.8 29.8 44.6#
84 106.5 76.6 114.8





#33

1,2-Dichloroethane-d4

Concen: 46.759 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067450.D

Acq: 29 Oct 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

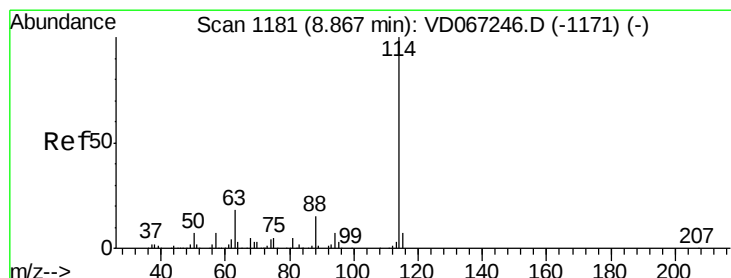
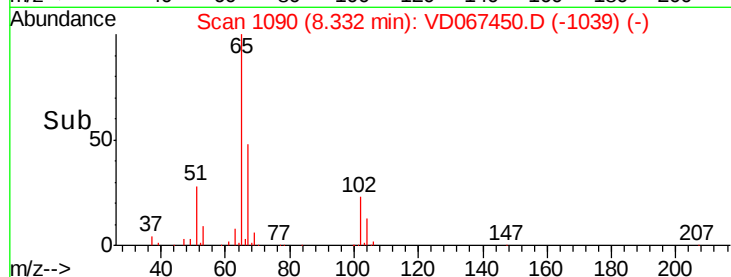
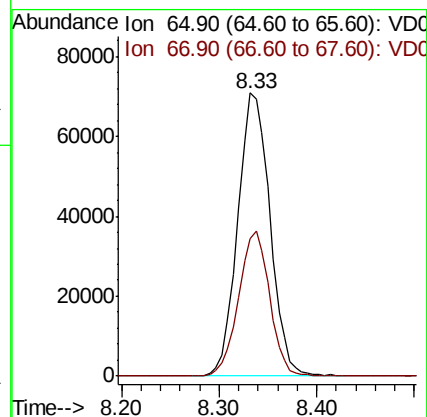
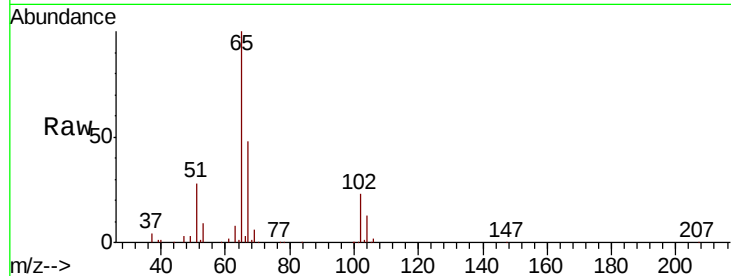
STOCKPILE-LOC2-SO-0002

Tot Ion: 65 Resp: 162794

Ion Ratio Lower Upper

65 100

67 49.2 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD067450.D

Acq: 29 Oct 2020 14:24

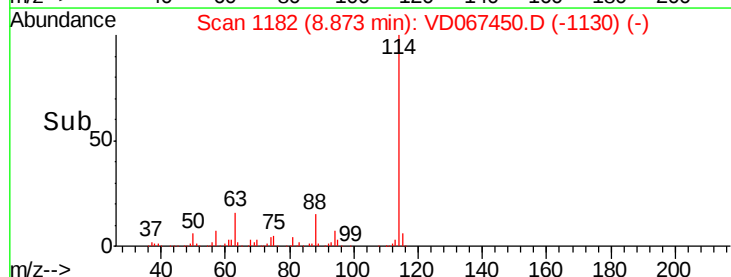
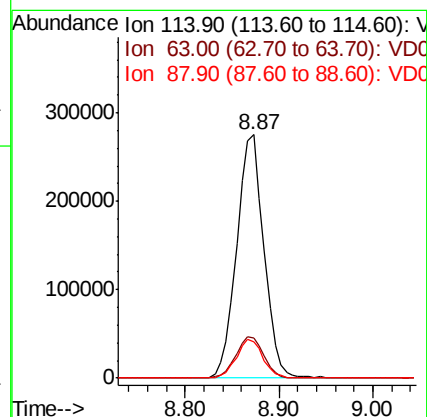
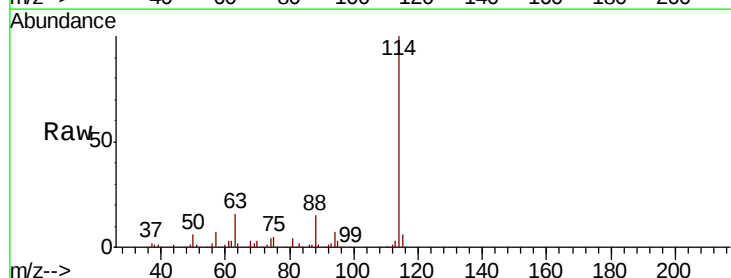
Tgt Ion: 114 Resp: 552897

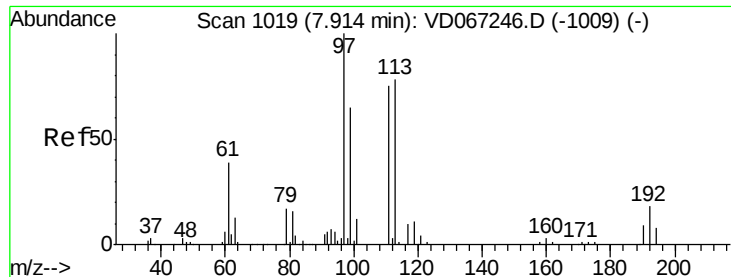
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 14.8 0.0 30.6

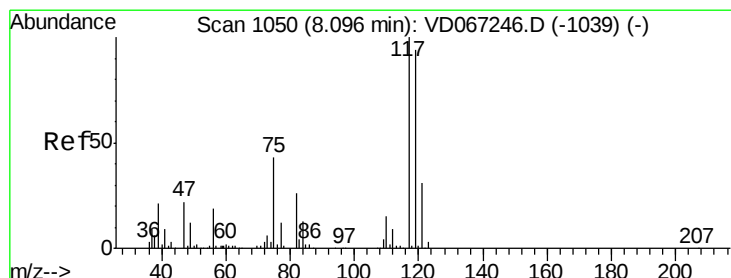
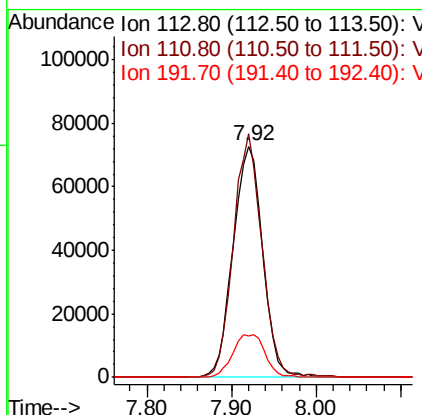
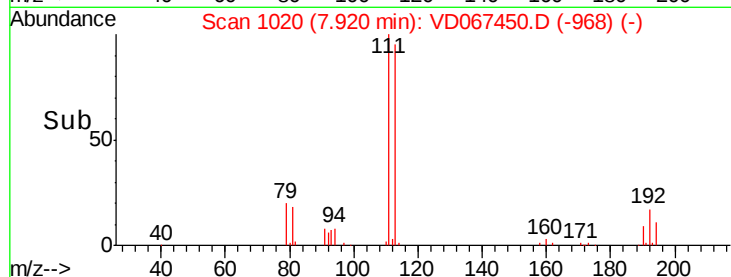
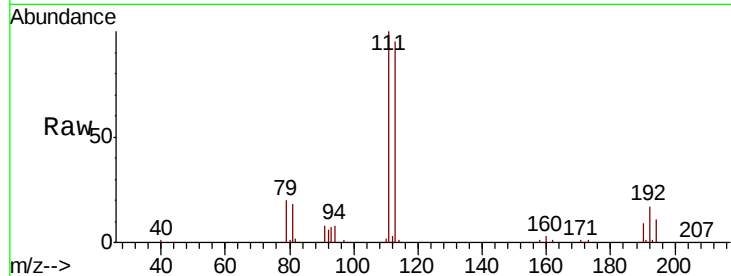




#35
Dibromofluoromethane
Concen: 47.830 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067450.D
Acq: 29 Oct 2020 14:24

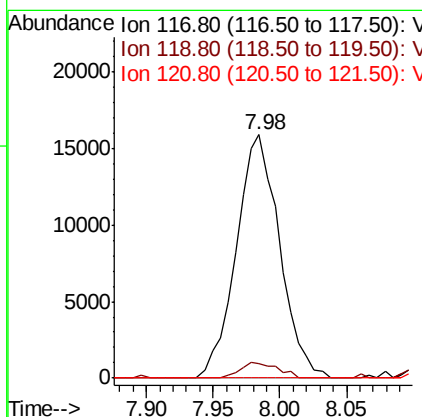
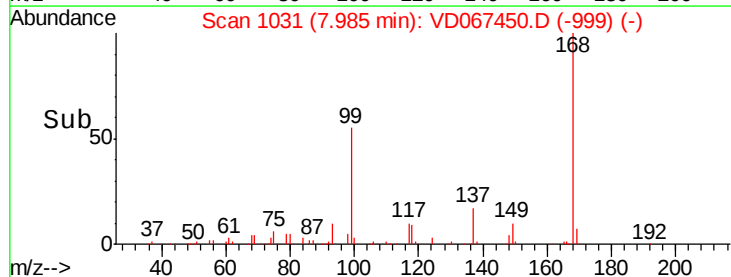
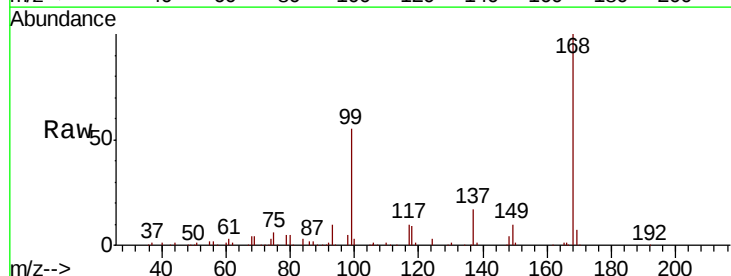
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-LOC2-SO-0002

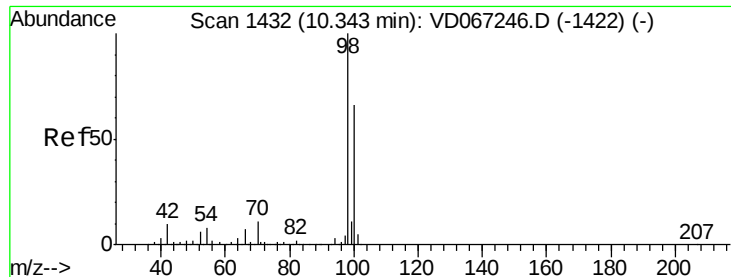
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.6	122.4
192	20.2	17.0	25.4



#38
Carbon Tetrachloride
Concen: 5.952 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD067450.D
Acq: 29 Oct 2020 14:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.0	112.4#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: 48.345 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067450.D

Acq: 29 Oct 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

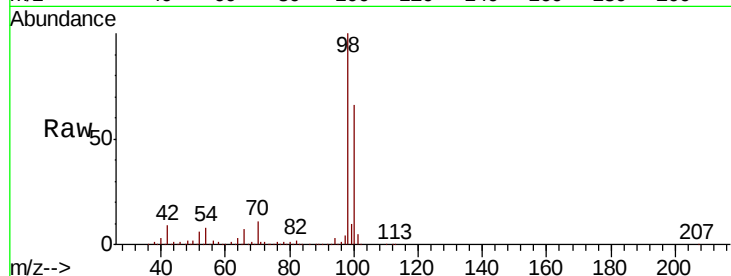
STOCKPILE-LOC2-SO-0002

Tot Ion: 98 Resp: 643764

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VD067246.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD067246.D (-1422) (-)

10.34

400000

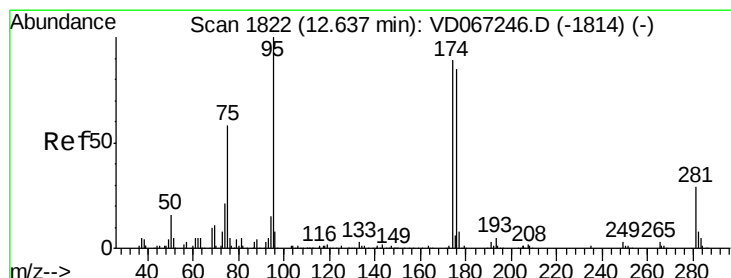
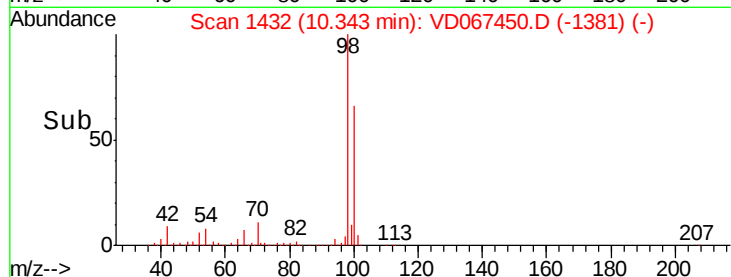
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.564 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067450.D

Acq: 29 Oct 2020 14:24

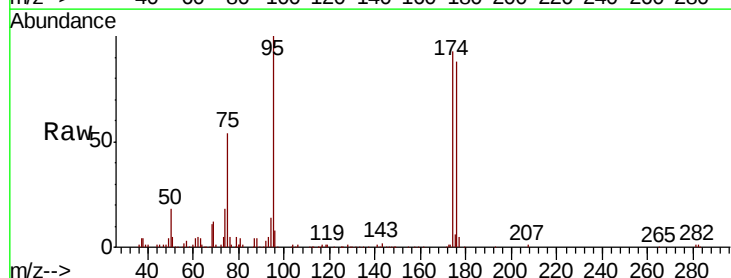
Tgt Ion: 95 Resp: 224863

Ion Ratio Lower Upper

95 100

174 92.7 0.0 175.2

176 90.4 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VD067246.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD067246.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD067246.D (-1814) (-)

12.64

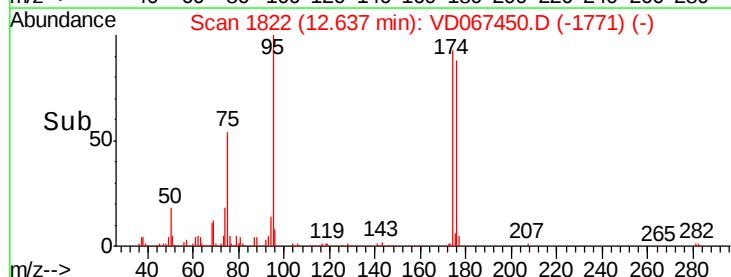
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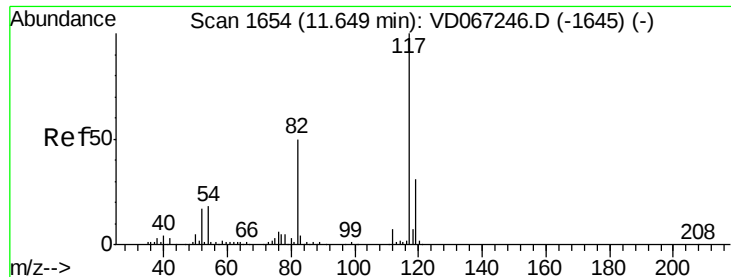
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50000

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Time-->

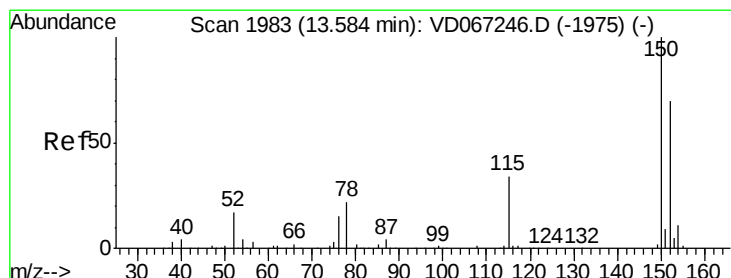
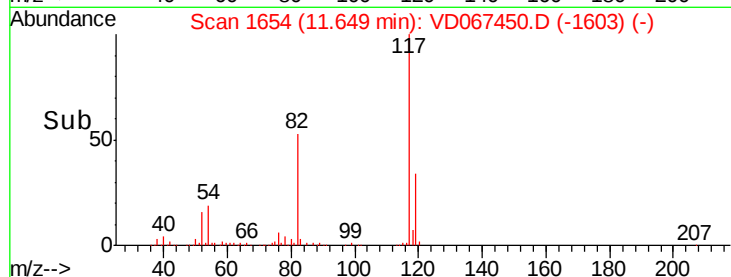
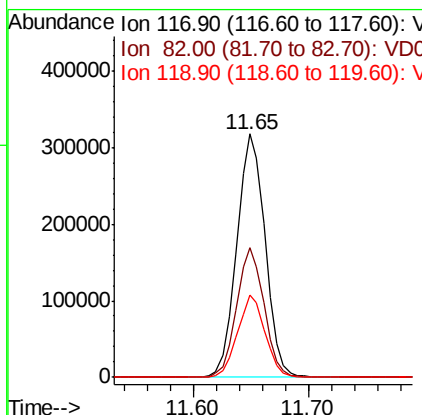
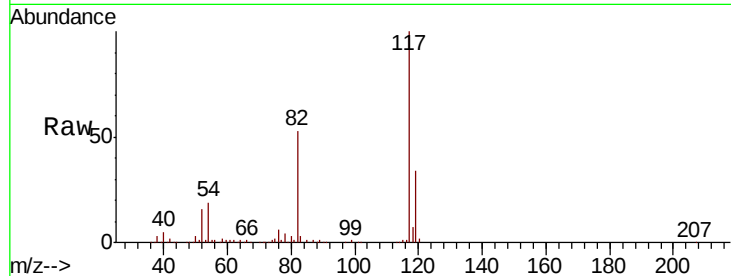




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067450.D
Acq: 29 Oct 2020 14:24

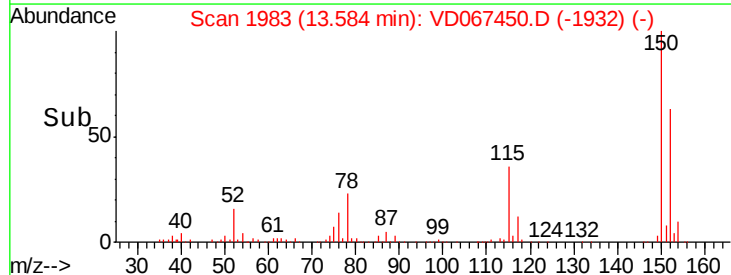
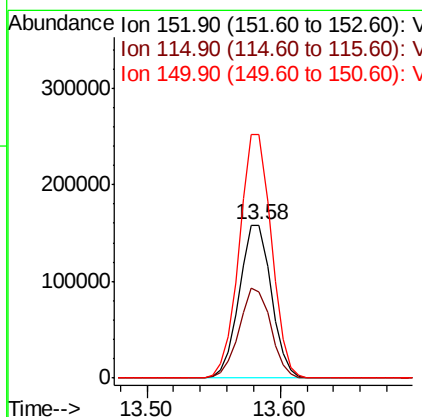
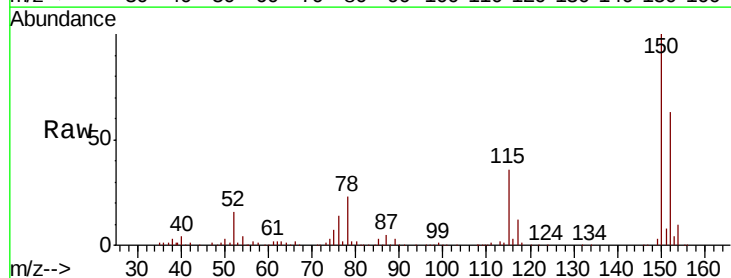
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-LOC2-SO-0002

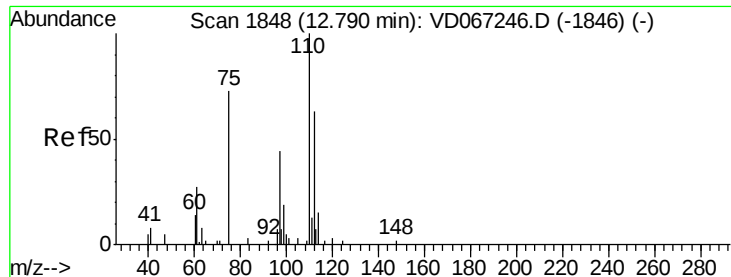
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	39.9	59.9
119	33.6	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067450.D
Acq: 29 Oct 2020 14:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	87.9
150	158.8	0.0	339.0





#76

1,2,3-Trichloropropane

Concen: 63.941 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067450.D

Acq: 29 Oct 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

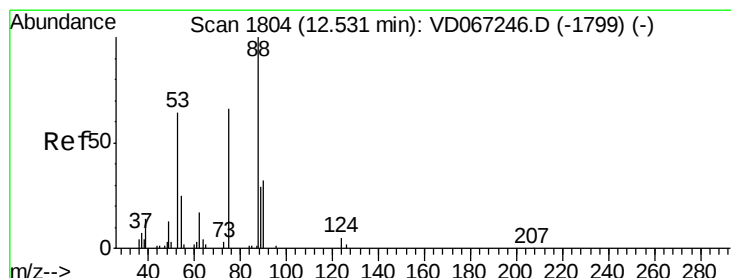
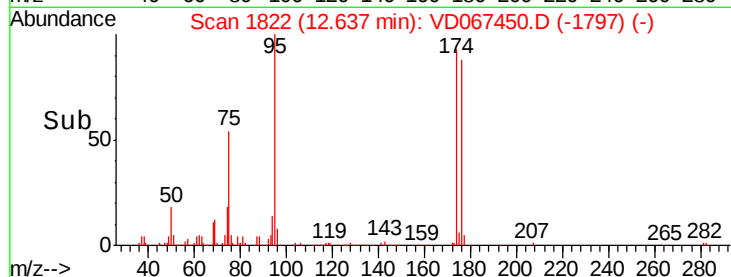
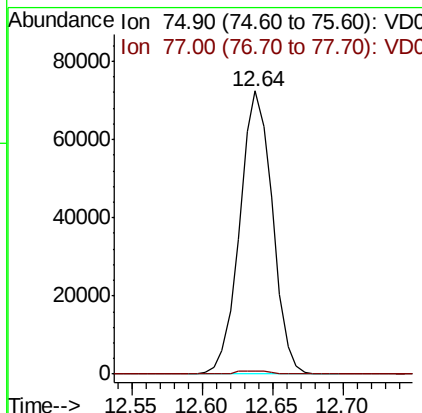
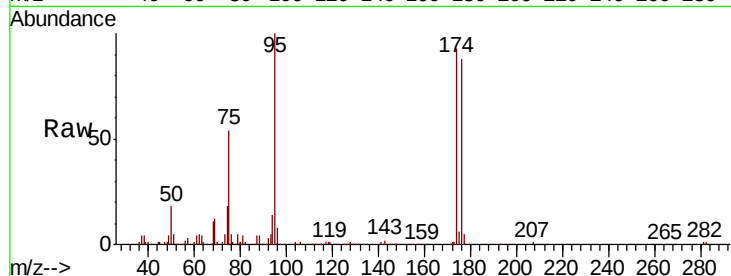
STOCKPILE-LOC2-SO-0002

Tot Ion: 75 Resp: 117081

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 145.000 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067450.D

Acq: 29 Oct 2020 14:24

Tgt Ion: 75 Resp: 117081

Ion Ratio Lower Upper

75 100

53 0.2 78.5 117.7#

89 0.1 39.9 59.9#

