

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061920\
 Data File : VD065830.D
 Acq On : 19 Jun 2020 15:59
 Operator : VA/SY
 Sample : L3024-04RE
 Misc : 6.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-25RE

Quant Time: Jun 20 01:26:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	140586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	256437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	219487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	86610	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		8.33	65	84146	60.57	ug/l	0.00
Spiked Amount	50.000			Recovery	=	121.14%	
35) Dibromofluoromethane		7.91	113	81379	50.24	ug/l	0.00
Spiked Amount	50.000			Recovery	=	100.48%	
50) Toluene-d8		10.34	98	278287	46.07	ug/l	0.00
Spiked Amount	50.000			Recovery	=	92.14%	
62) 4-Bromofluorobenzene		12.64	95	79848	38.98	ug/l	0.00
Spiked Amount	50.000			Recovery	=	77.96%	

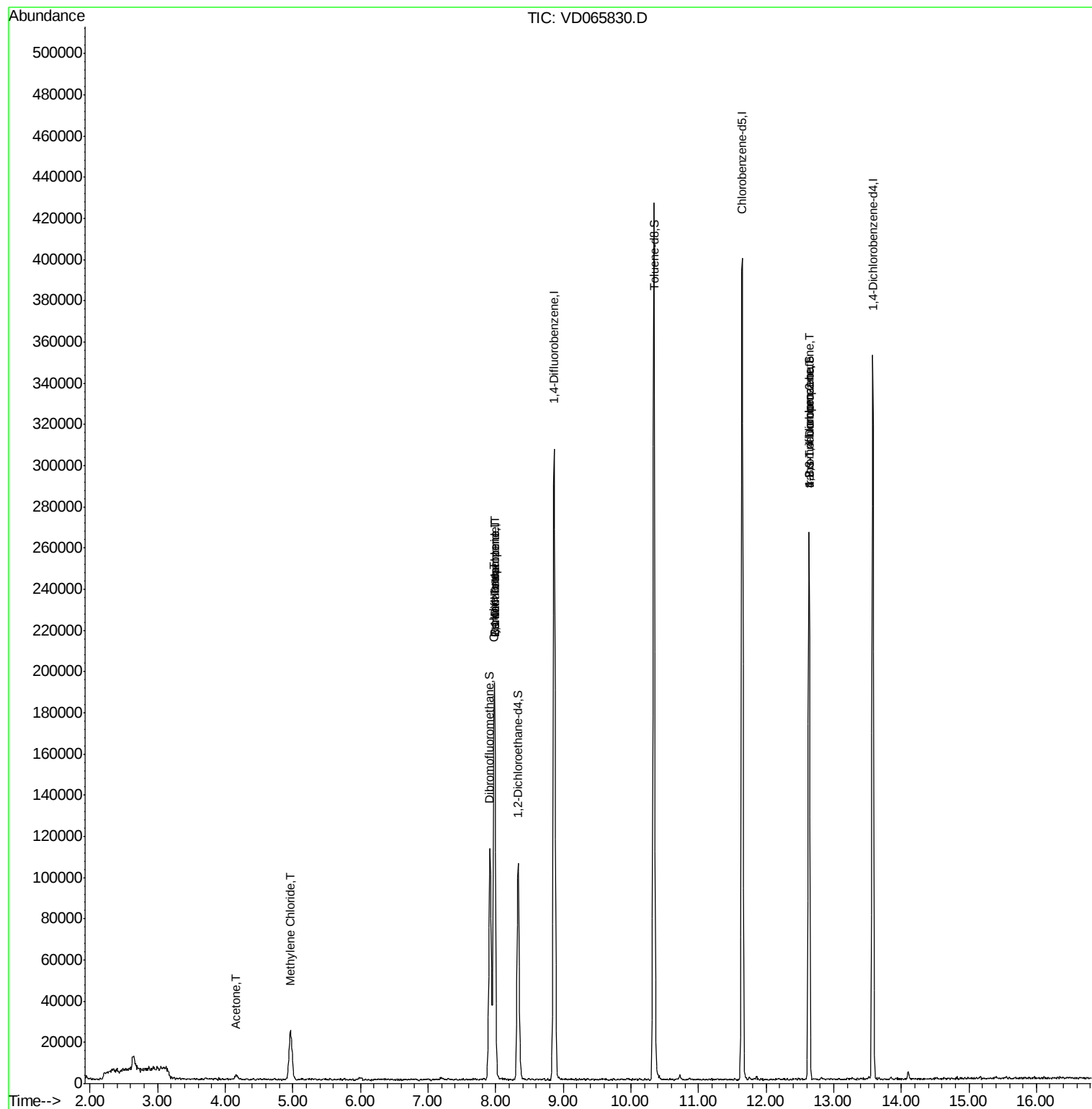
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	73	Below Cal	#	42
3) Chloromethane	2.21	50	535	Below Cal	#	43
16) Acetone	4.16	43	3699	14.116	ug/l #	79
18) Methyl Acetate	4.73	43	243	Below Cal	#	52
20) Methylene Chloride	4.96	84	17296	8.759	ug/l	94
31) Cyclohexane	7.97	56	3953	1.587	ug/l #	20
36) 1,1-Dichloropropene	7.98	75	12678	5.161	ug/l #	51
38) Carbon Tetrachloride	7.98	117	15786	6.106	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	46120	68.470	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	46120	147.938	ug/l #	9

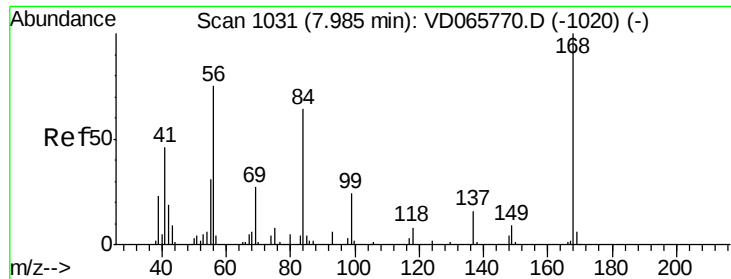
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD061920\
Data File : VD065830.D
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Quant Time: Jun 20 01:26:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
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: VD065830.D

Acq: 19 Jun 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

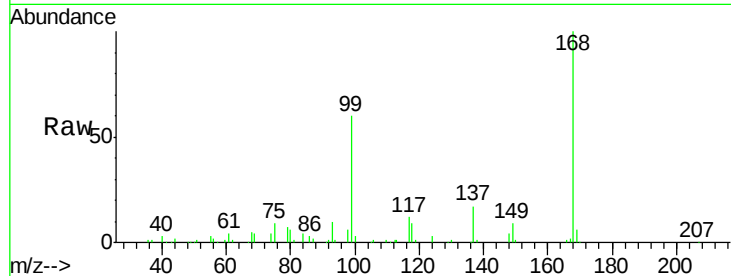
RO-25RE

Tgt Ion:168 Resp: 140586

Ion Ratio Lower Upper

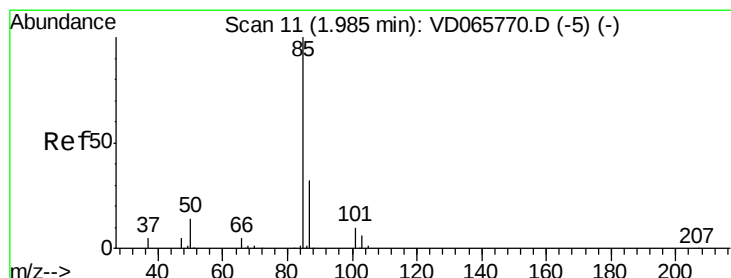
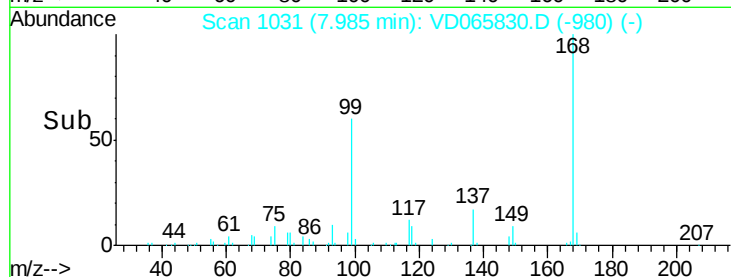
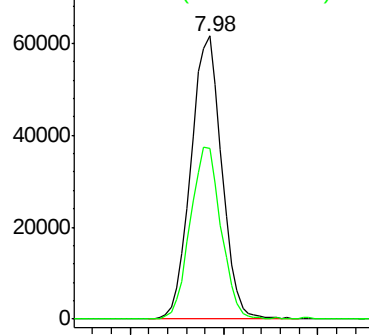
168 100

99 60.2 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065830.D

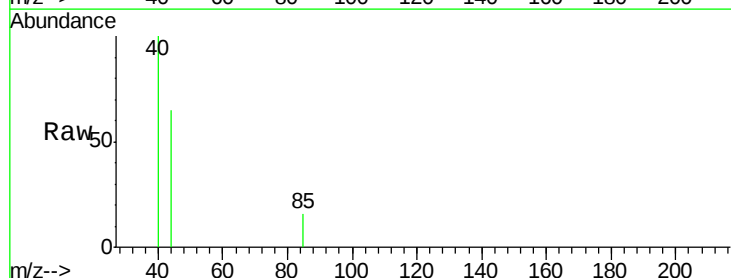
Acq: 19 Jun 2020 15:59

Tgt Ion: 85 Resp: 73

Ion Ratio Lower Upper

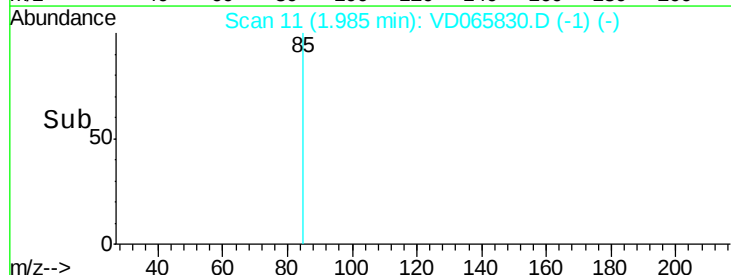
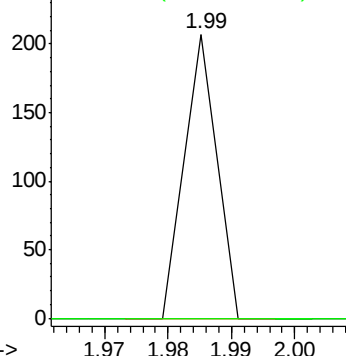
85 100

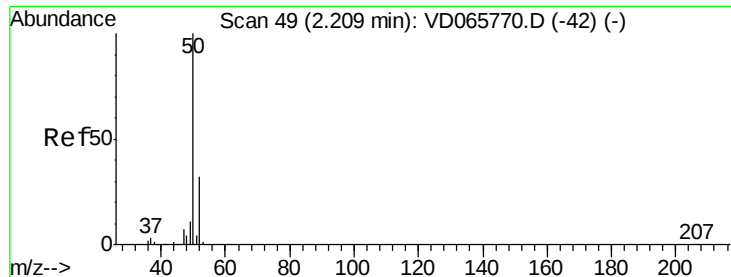
87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065830.D

Acq: 19 Jun 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

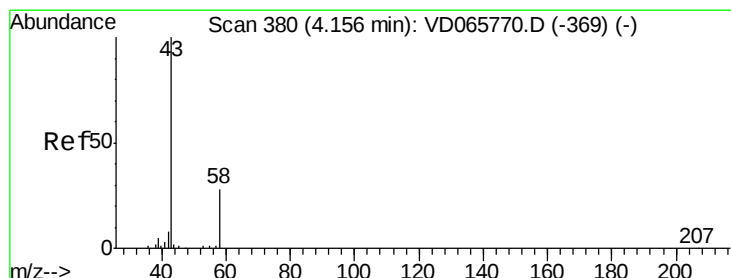
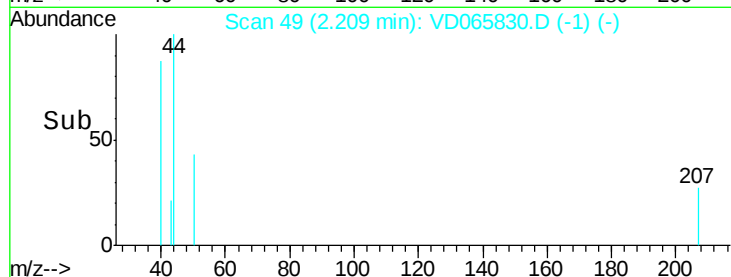
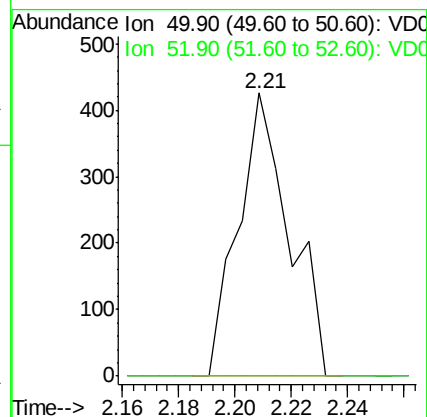
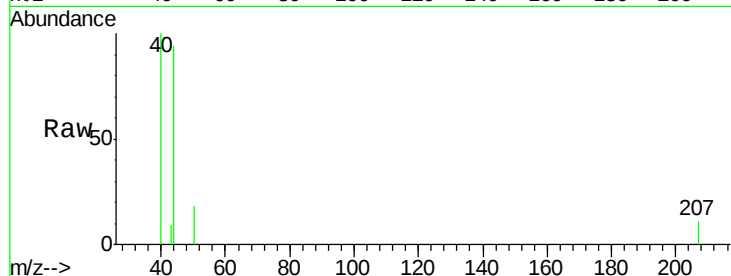
RO-25RE

Tgt Ion: 50 Resp: 535

Ion Ratio Lower Upper

50 100

52 0.0 25.6 38.4#



#16

Acetone

Concen: 14.116 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065830.D

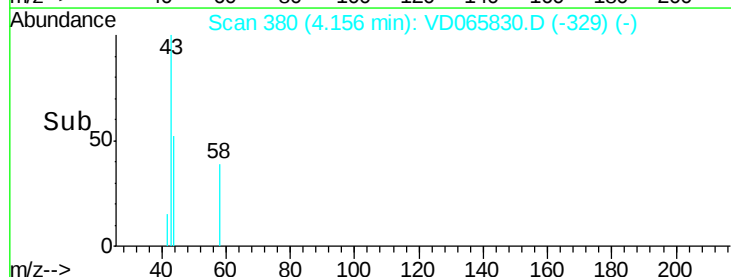
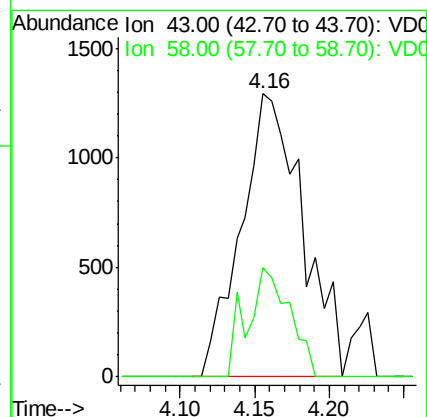
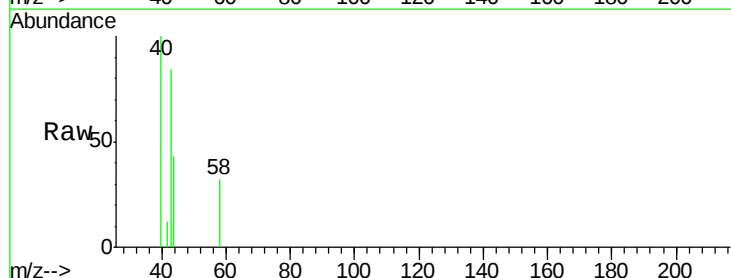
Acq: 19 Jun 2020 15:59

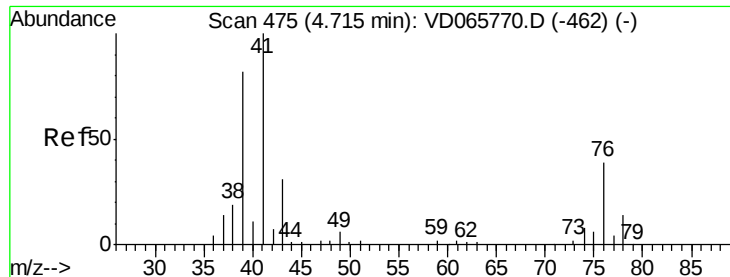
Tgt Ion: 43 Resp: 3699

Ion Ratio Lower Upper

43 100

58 38.8 22.3 33.5#

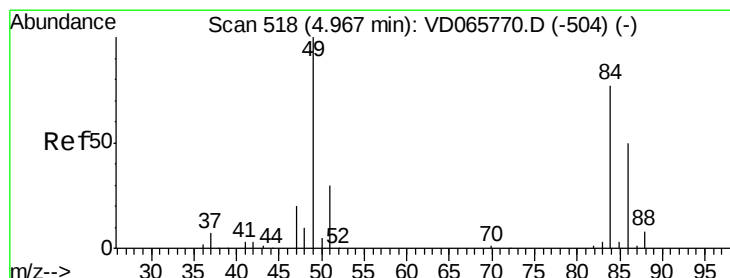
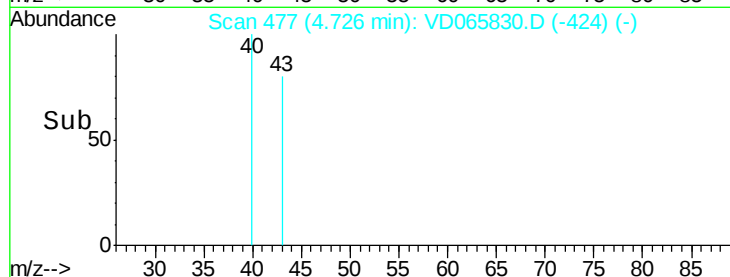
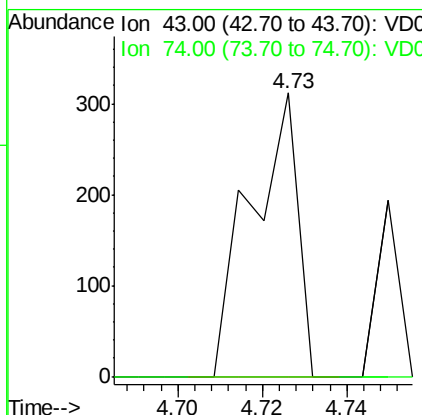
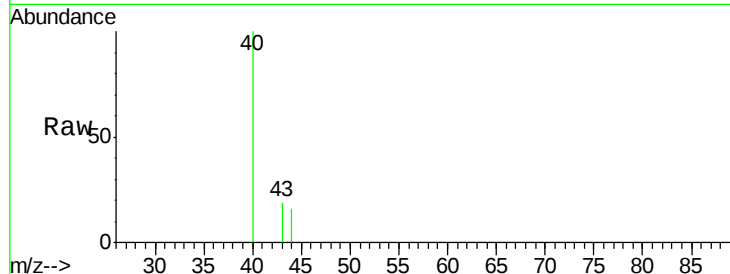




#18
Methyl Acetate
Concen: Below Cal
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD065830.D
Acq: 19 Jun 2020 15:59

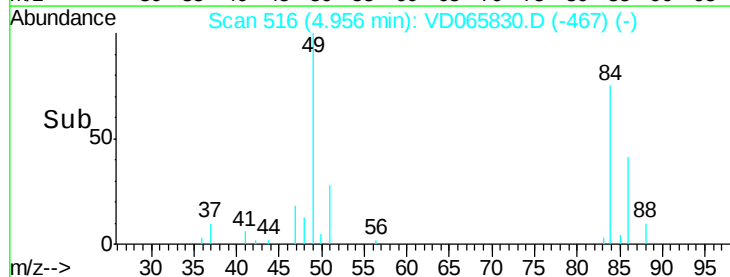
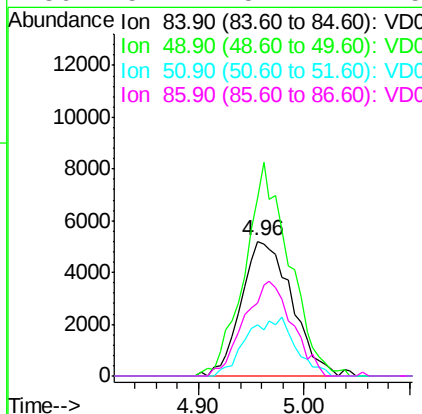
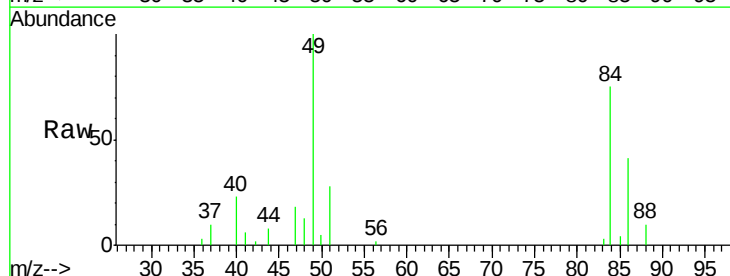
Instrument :
MSVOA_D
ClientSampleId :
RO-25RE

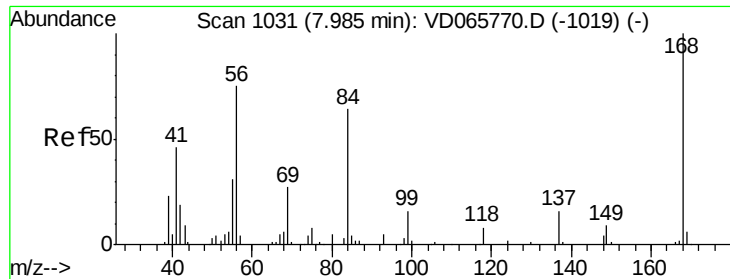
Tgt Ion: 43 Resp: 243
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#



#20
Methylene Chloride
Concen: 8.759 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065830.D
Acq: 19 Jun 2020 15:59

Tgt Ion: 84 Resp: 17296
Ion Ratio Lower Upper
84 100
49 132.6 103.4 155.0
51 37.7 31.4 47.2
86 54.4 51.7 77.5

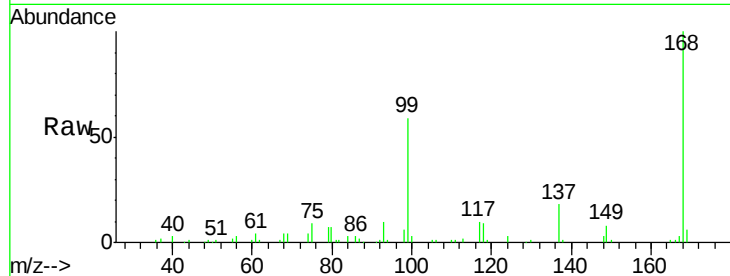




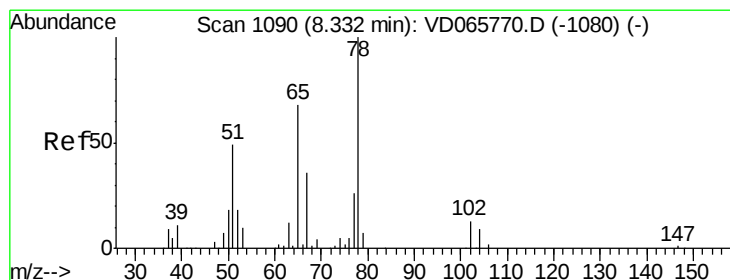
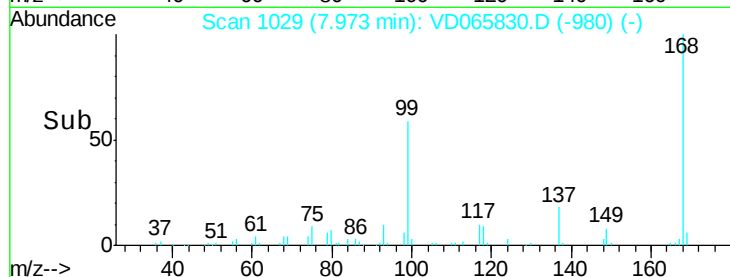
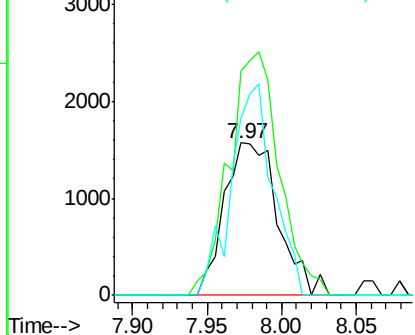
#31
Cyclohexane
Concen: 1.587 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD065830.D
Acq: 19 Jun 2020 15:59

Instrument :
MSVOA_D
ClientSampleId :
RO-25RE

Tgt Ion: 56 Resp: 3953
Ion Ratio Lower Upper
56 100
69 147.6 28.5 42.7#
84 116.6 68.4 102.6#

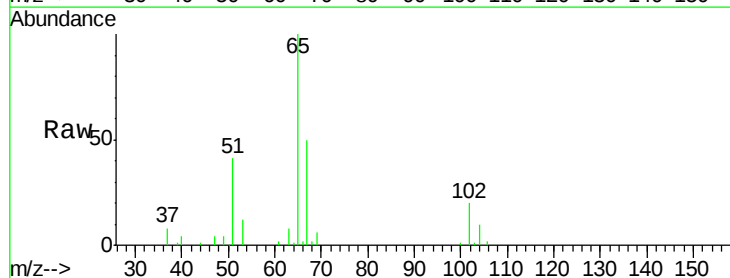


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

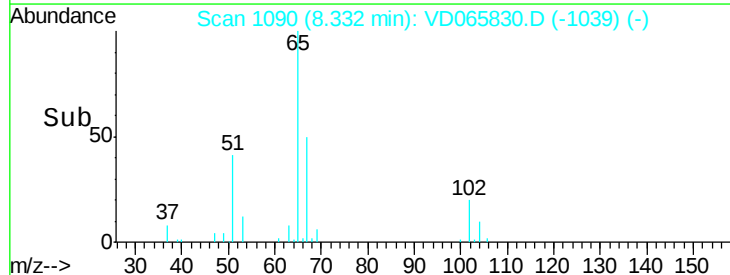
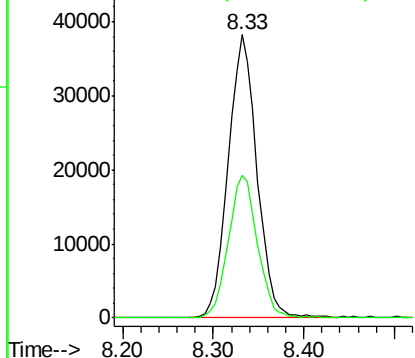


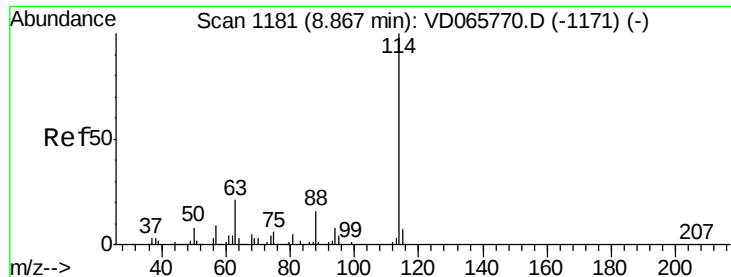
#33
1,2-Dichloroethane-d4
Concen: 60.573 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065830.D
Acq: 19 Jun 2020 15:59

Tgt Ion: 65 Resp: 84146
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.6



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

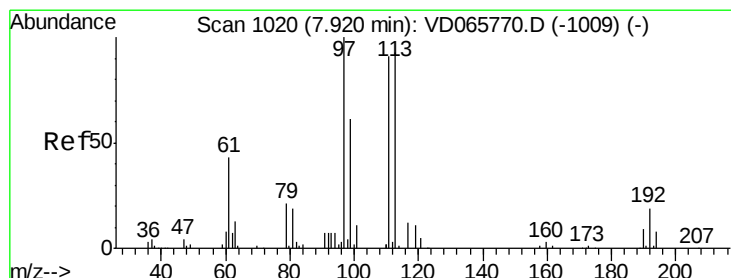
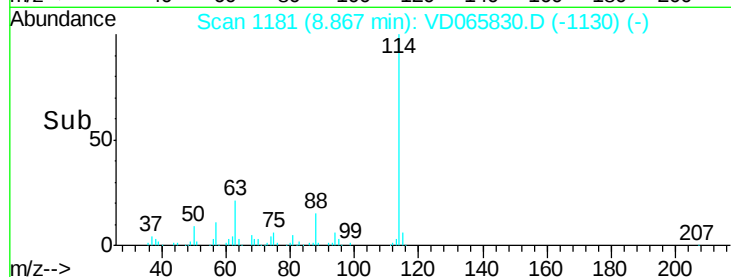
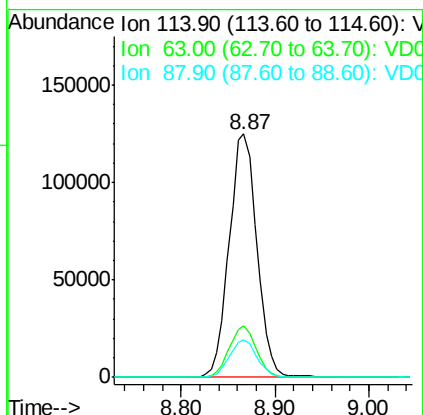
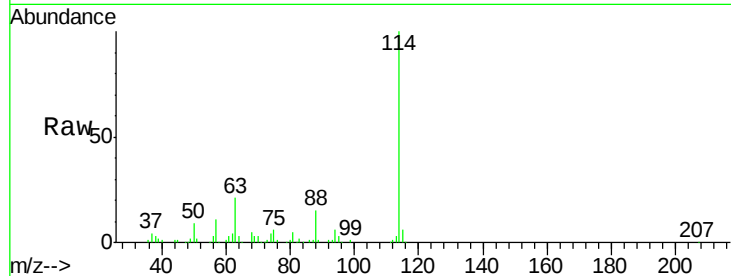




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065830.D
 Acq: 19 Jun 2020 15:59

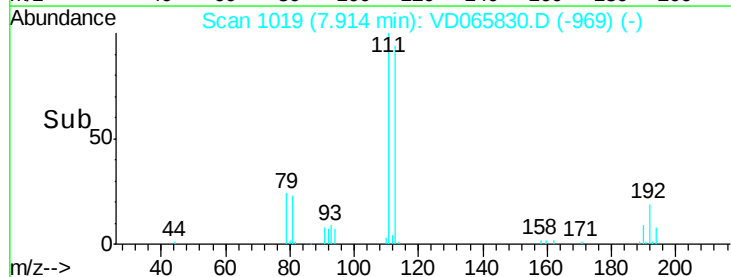
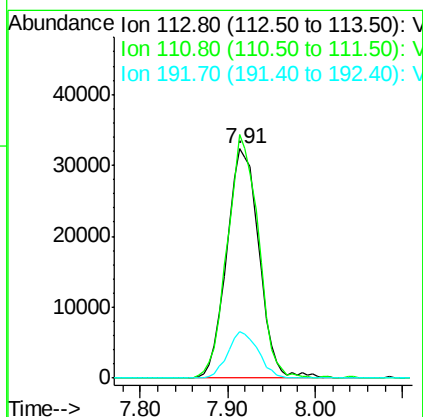
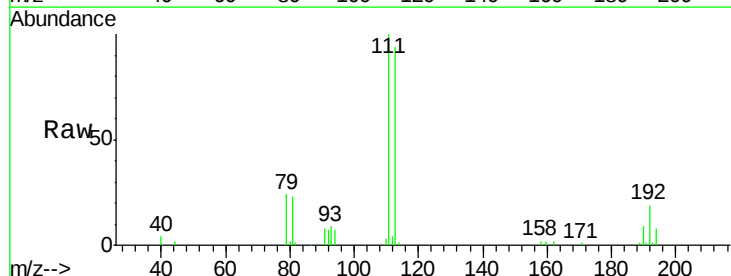
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-25RE

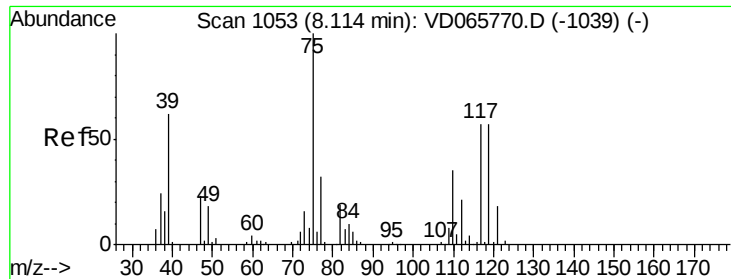
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.8
88	15.2	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 50.240 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065830.D
 Acq: 19 Jun 2020 15:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.4	125.0
192	18.8	15.7	23.5

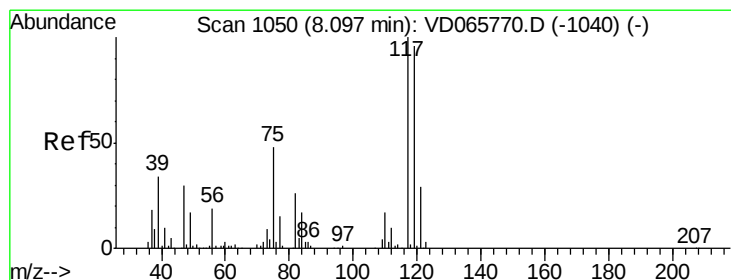
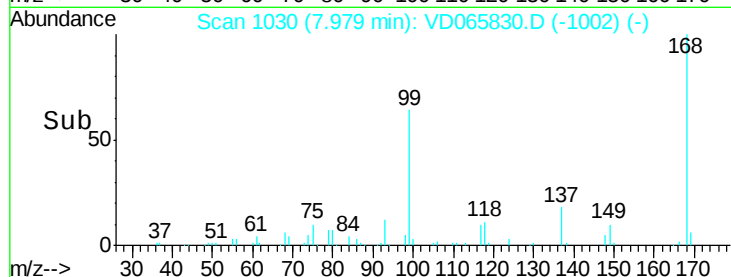
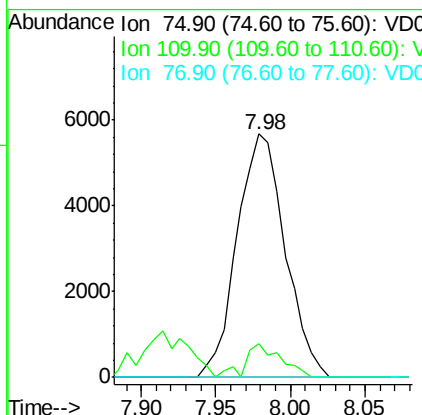
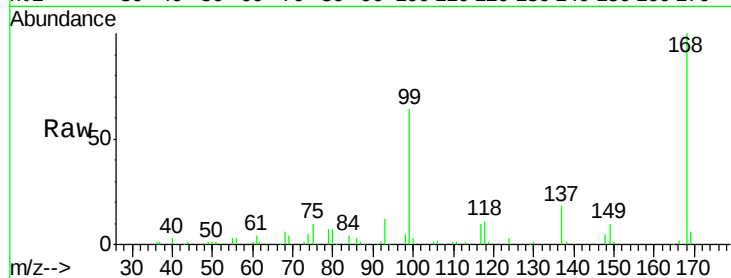




#36
 1,1-Dichloropropene
 Concen: 5.161 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065830.D
 Acq: 19 Jun 2020 15:59

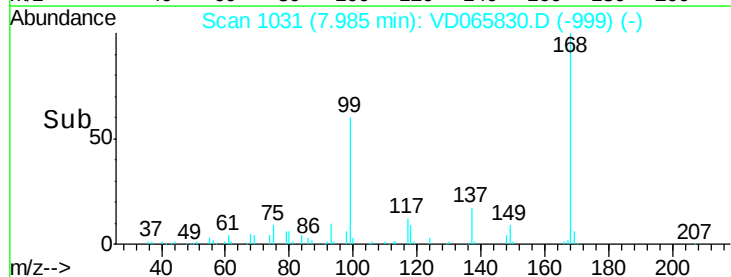
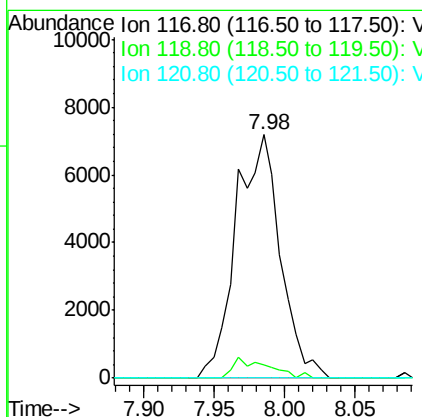
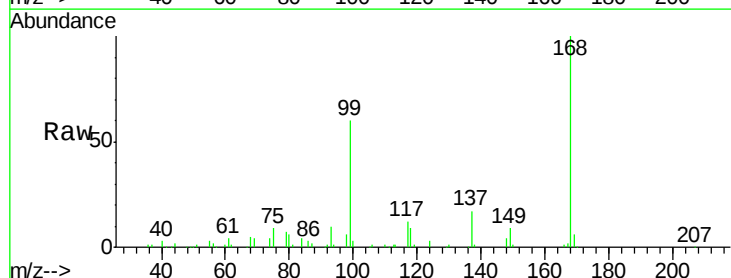
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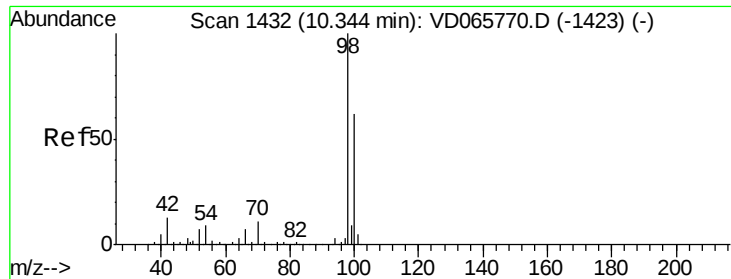
Tgt Ion: 75 Resp: 12678
 Ion Ratio Lower Upper
 75 100
 110 10.3 17.6 52.8#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.106 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065830.D
 Acq: 19 Jun 2020 15:59

Tgt Ion: 117 Resp: 15786
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.8 115.2#
 121 0.0 23.4 35.2#





#50

Toluene-d8

Concen: 46.073 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065830.D

Acq: 19 Jun 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

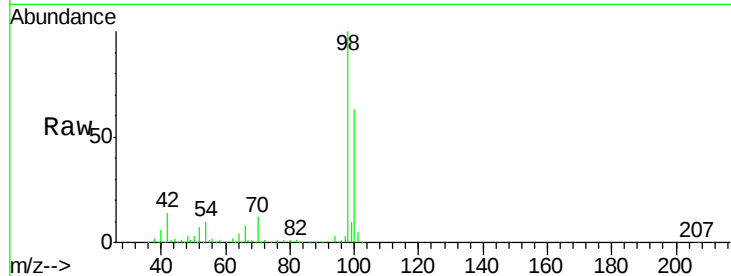
RO-25RE

Tgt Ion: 98 Resp: 278287

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VD065770.D (-1423) (-)

Ion 100.00 (99.70 to 100.70): VD065770.D (-1423) (-)

10.34

150000

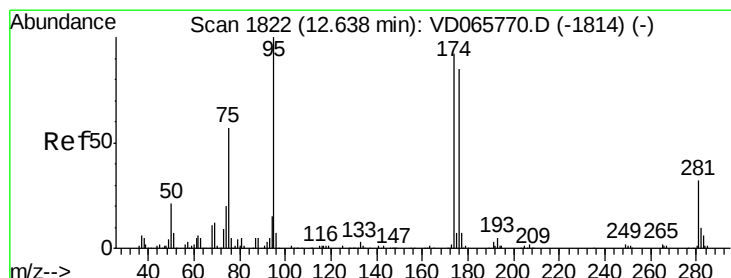
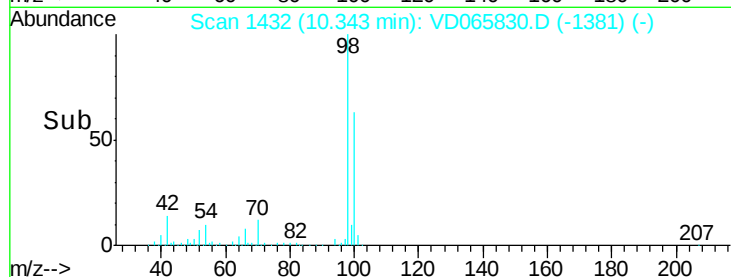
100000

50000

0

10.30 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 38.981 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065830.D

Acq: 19 Jun 2020 15:59

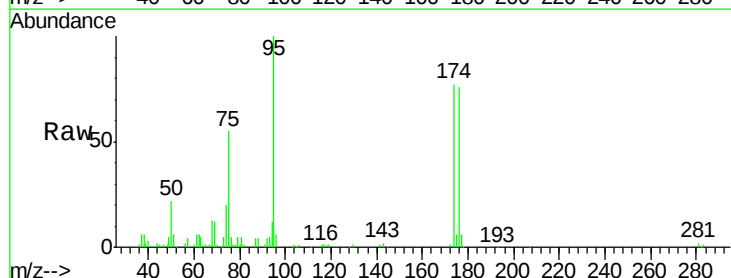
Tgt Ion: 95 Resp: 79848

Ion Ratio Lower Upper

95 100

174 82.4 0.0 175.2

176 78.2 0.0 163.0



Abundance Ion 94.90 (94.60 to 95.60): VD065770.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065770.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065770.D (-1814) (-)

12.64

60000

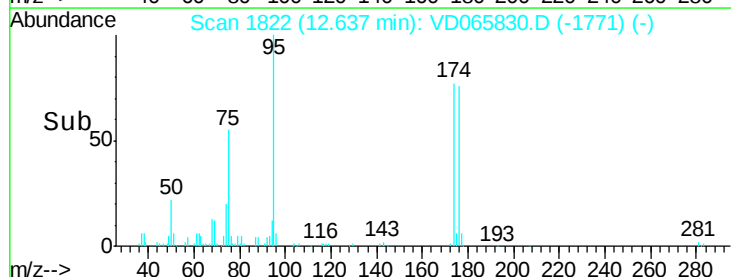
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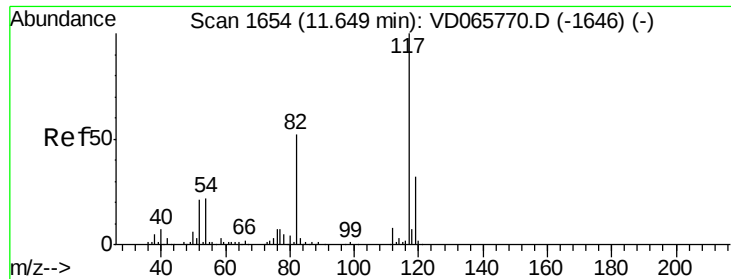
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0

12.55 12.60 12.65 12.70

Time-->

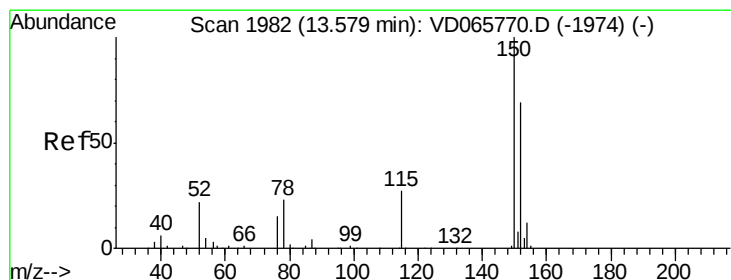
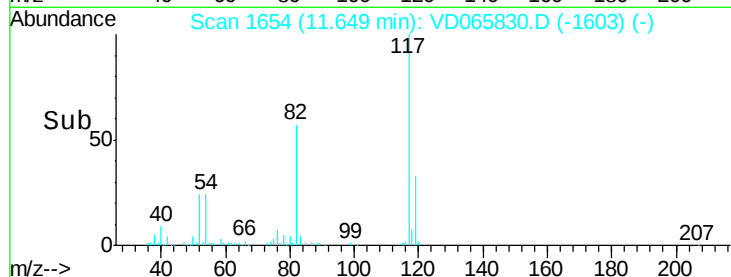
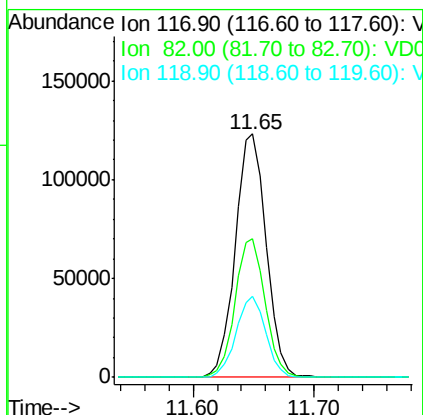
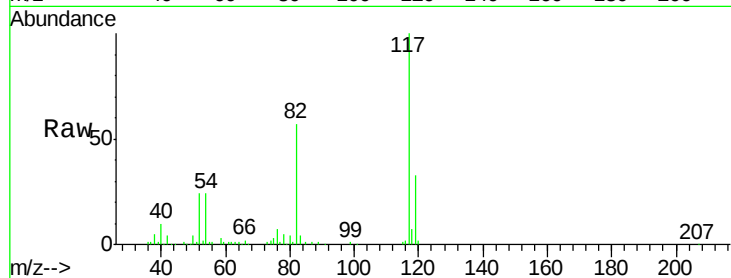




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065830.D
Acq: 19 Jun 2020 15:59

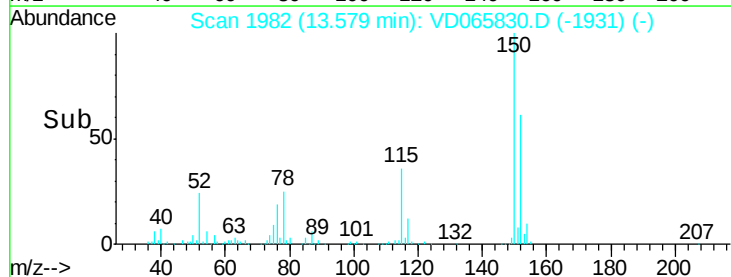
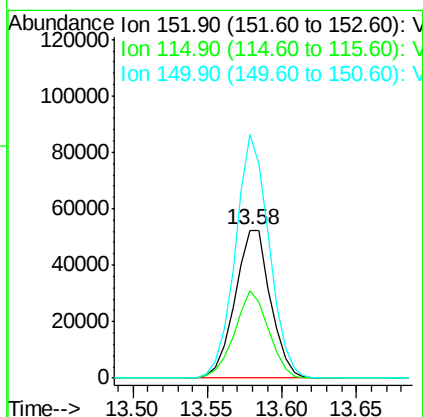
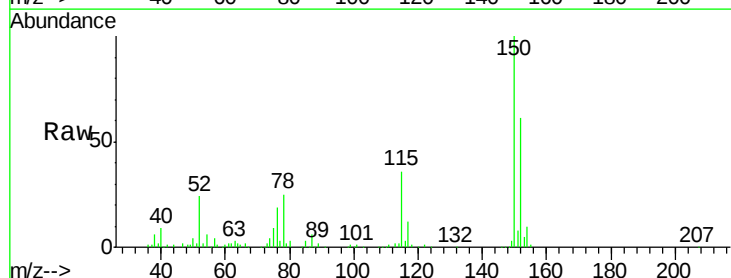
Instrument :
MSVOA_D
ClientSampleId :
RO-25RE

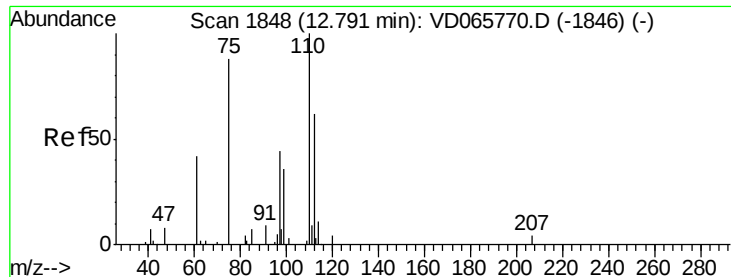
Tgt Ion:117 Resp: 219487
Ion Ratio Lower Upper
117 100
82 56.8 41.9 62.9
119 33.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065830.D
Acq: 19 Jun 2020 15:59

Tgt Ion:152 Resp: 86610
Ion Ratio Lower Upper
152 100
115 56.4 28.7 86.1
150 156.2 0.0 348.0





#76

1,2,3-Trichloropropane

Concen: 68.470 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065830.D

Acq: 19 Jun 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

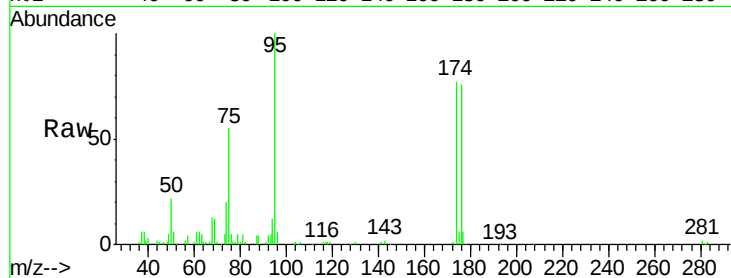
RO-25RE

Tgt Ion: 75 Resp: 46120

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

12.64

30000

25000

20000

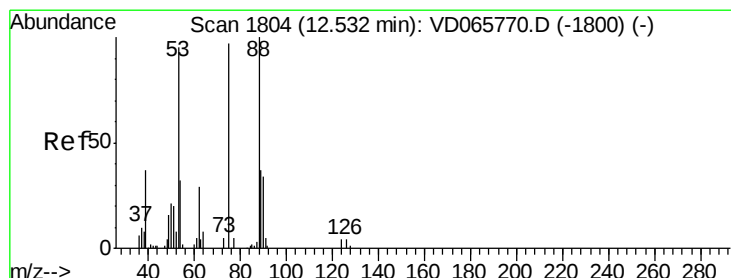
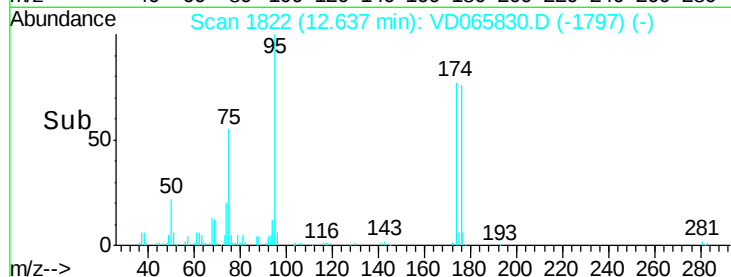
15000

10000

5000

0

Time--> 12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 147.938 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065830.D

Acq: 19 Jun 2020 15:59

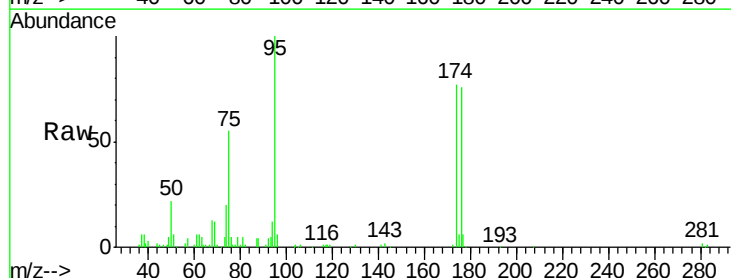
Tgt Ion: 75 Resp: 46120

Ion Ratio Lower Upper

75 100

53 0.0 82.6 123.8#

89 0.0 35.9 53.9#



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

12.64

30000

20000

10000

0

Time--> 12.55 12.60 12.65 12.70

