

Data File : VD065041.D
Acq On : 31 Jan 2020 18:42
Operator : VA/SY
Sample : L1016-15
Misc : 8.64G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-02-013120

Quant Time: Feb 03 00:25:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	481817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	775988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	757309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	362074	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	239152	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	7.93	113	240642	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.34	98	943569	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.64	95	315869	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	

Target Compounds

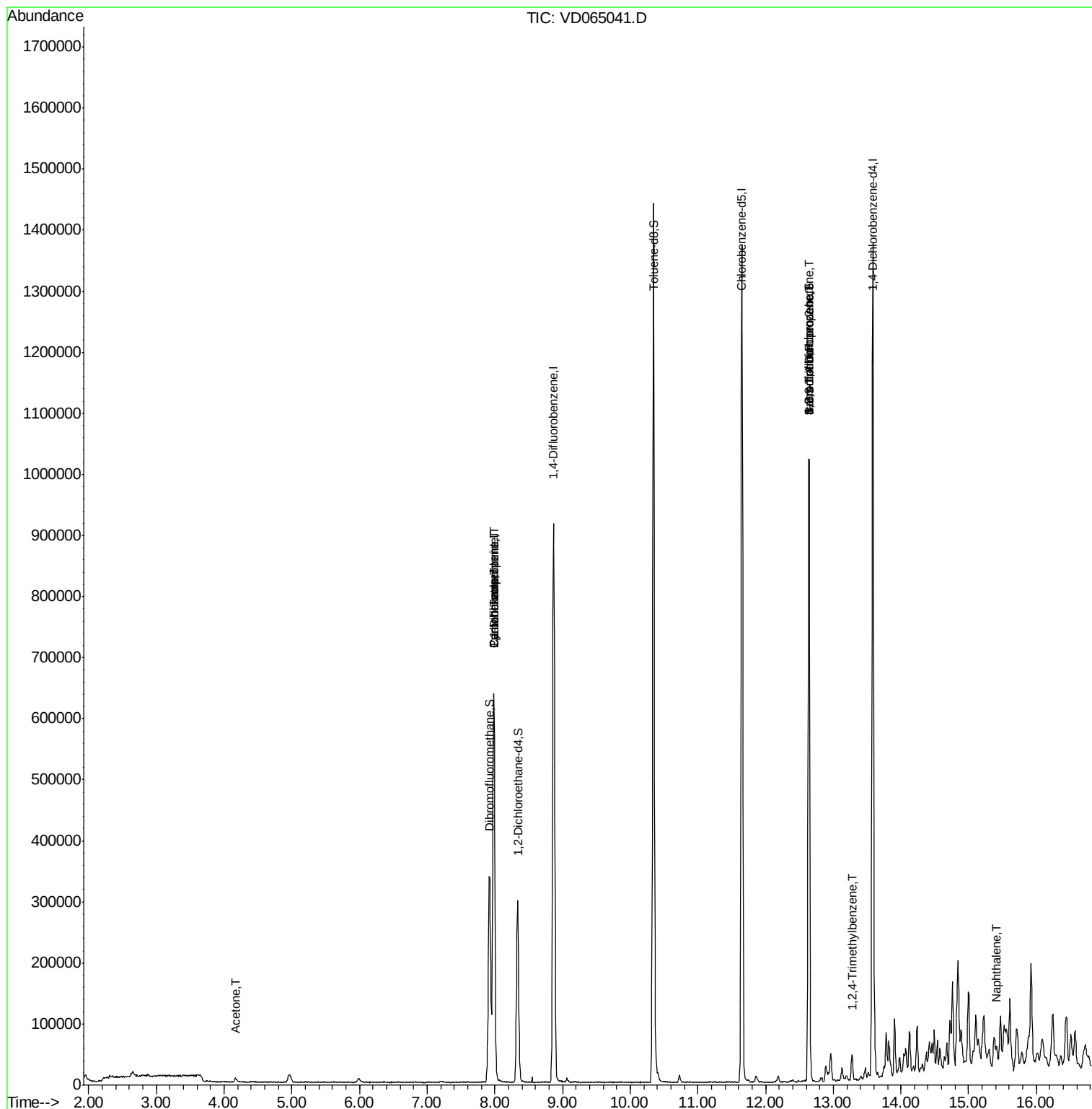
					Qvalue	
16) Acetone	4.17	43	9701	20.929	ug/l	90
20) Methylene Chloride	4.96	84	9635	Below Cal		90
31) Cyclohexane	7.98	56	11149	1.385	ug/l #	29
36) 1,1-Dichloropropene	7.99	75	36625	4.895	ug/l #	50
38) Carbon Tetrachloride	7.99	117	47316	5.983	ug/l #	17
71) Bromoform	12.64	173	3744	1.165	ug/l #	28
76) 1,2,3-Trichloropropane	12.64	75	168908	56.204	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	168908	120.009	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.28	105	22980	1.119	ug/l	100
95) Naphthalene	15.41	128	14555	1.322	ug/l #	89

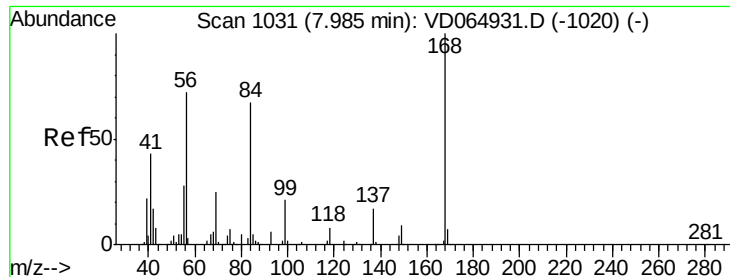
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 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: VD065041.D

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Instrument :

MSVOA_D

ClientSampleId :

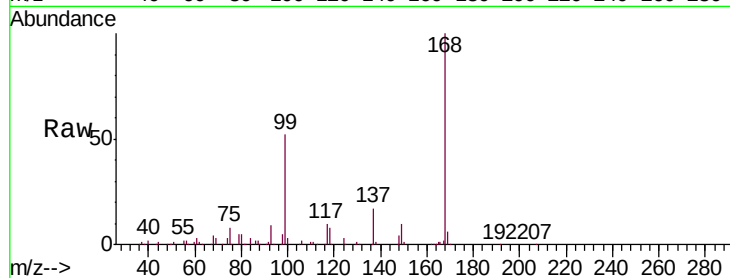
SU-02-013120

Tgt Ion:168 Resp: 481817

Ion Ratio Lower Upper

168 100

99 52.2 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

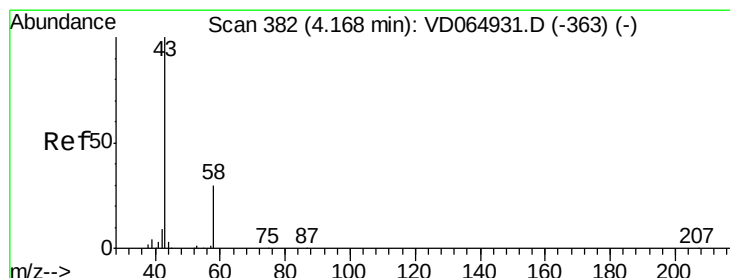
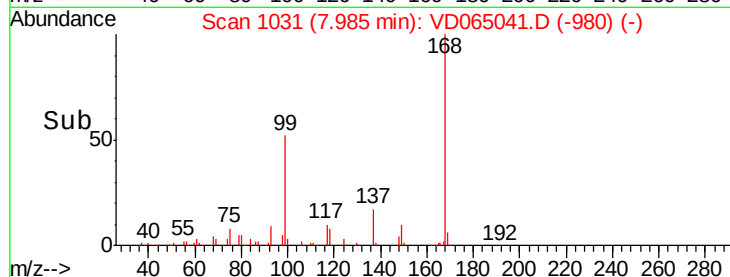
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 20.929 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065041.D

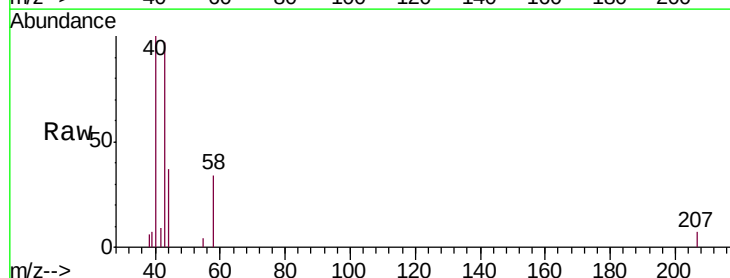
Acq: 31 Jan 2020 18:42

Tgt Ion: 43 Resp: 9701

Ion Ratio Lower Upper

43 100

58 34.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

4000

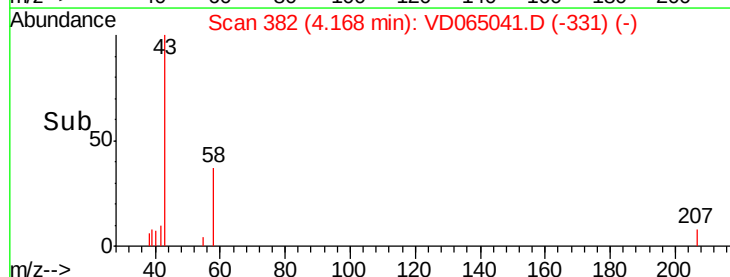
3000

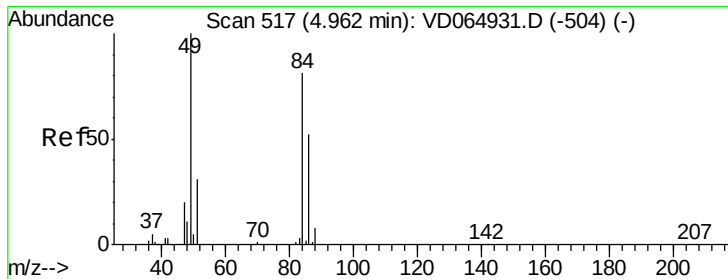
2000

1000

0

Time-->

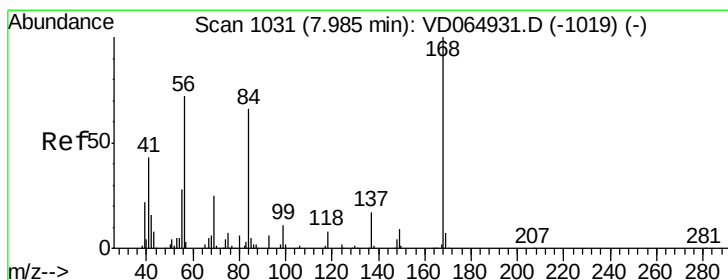
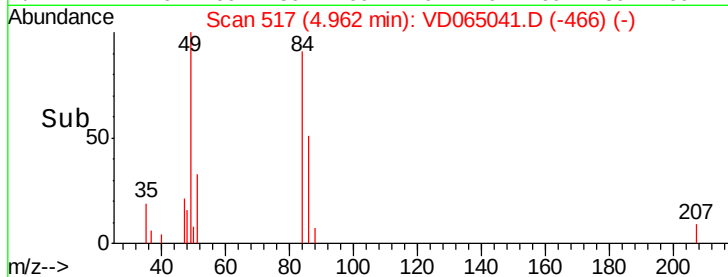
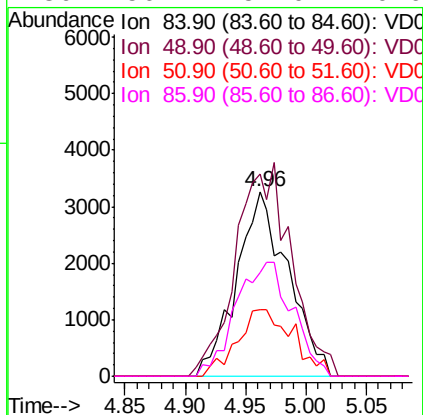
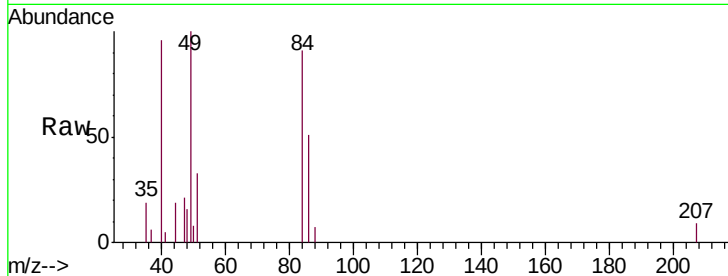




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065041.D
Acq: 31 Jan 2020 18:42

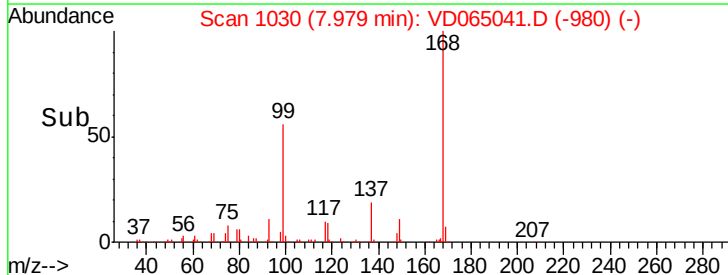
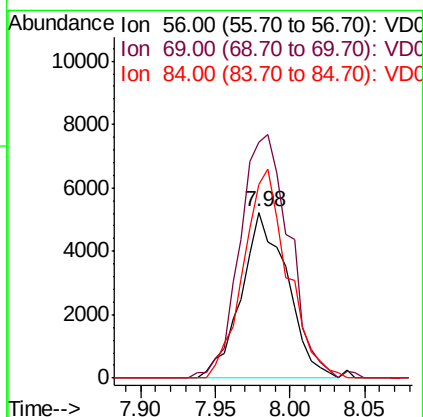
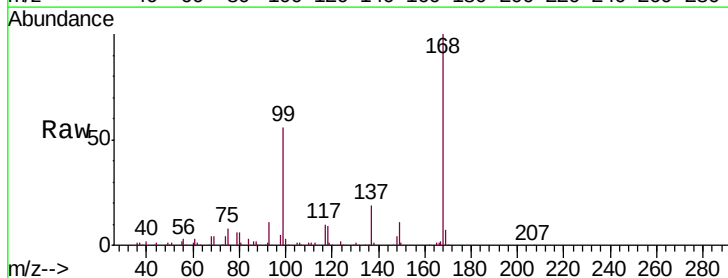
Instrument :
MSVOA_D
ClientSampleId :
SU-02-013120

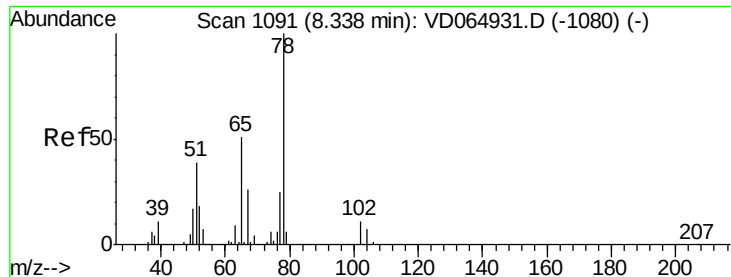
Tgt Ion:	84	Resp:	9635
Ion	Ratio	Lower	Upper
84	100		
49	109.6	98.4	147.6
51	36.2	30.8	46.2
86	56.1	51.0	76.6



#31
Cyclohexane
Concen: 1.385 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065041.D
Acq: 31 Jan 2020 18:42

Tgt Ion:	56	Resp:	11149
Ion	Ratio	Lower	Upper
56	100		
69	142.0	27.9	41.9#
84	116.7	72.8	109.2#

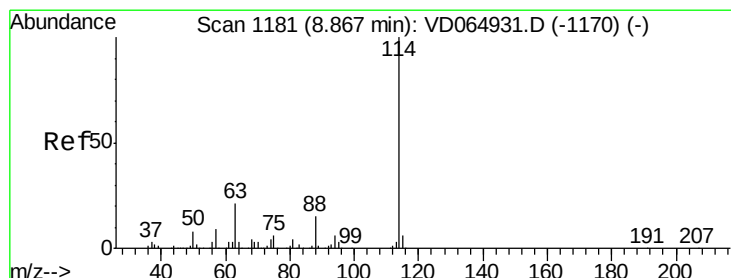
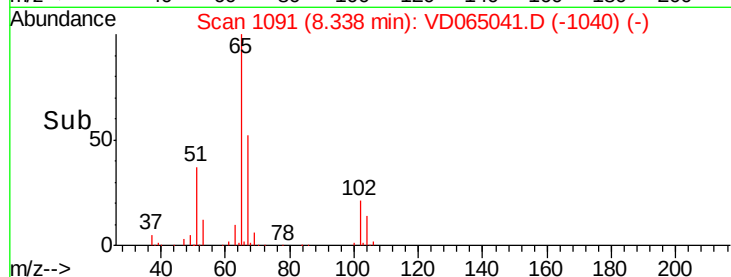
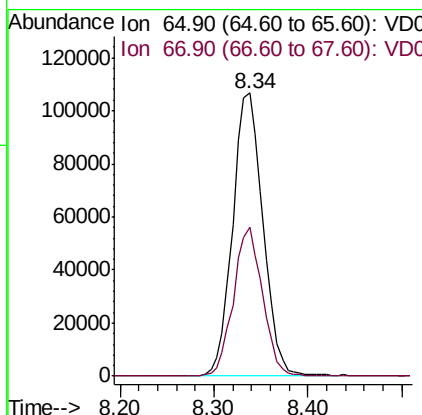
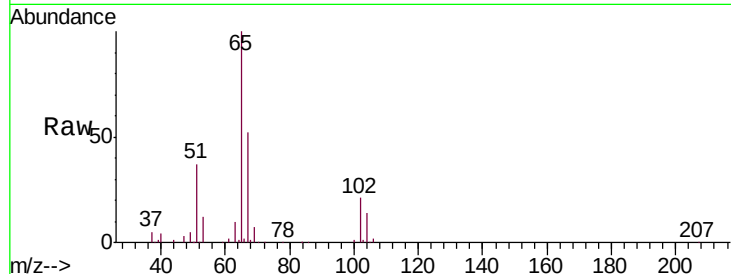




#33
 1,2-Dichloroethane-d4
 Concen: 51.746 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065041.D
 Acq: 31 Jan 2020 18:42

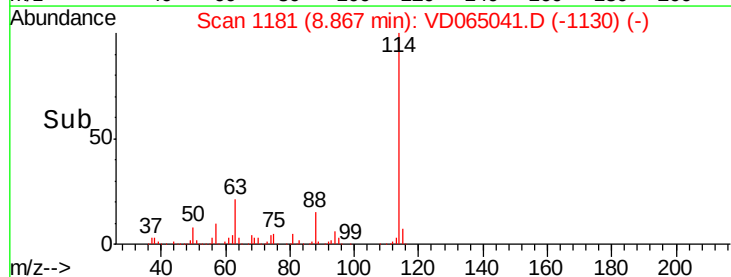
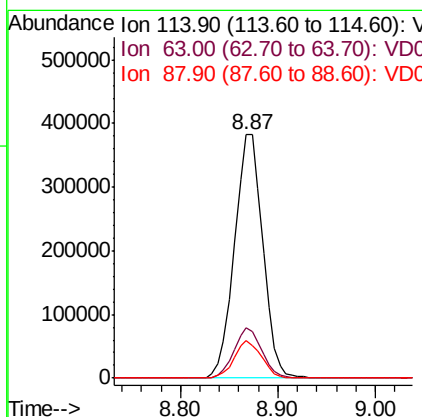
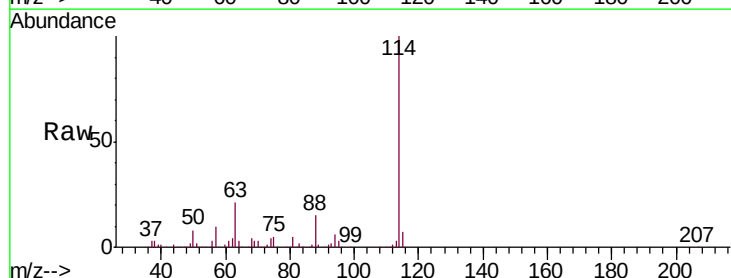
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-013120

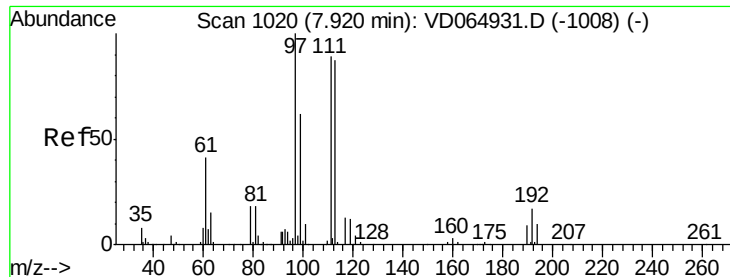
Tgt Ion: 65 Resp: 239152
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065041.D
 Acq: 31 Jan 2020 18:42

Tgt Ion: 114 Resp: 775988
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.0
 88 15.3 0.0 29.4

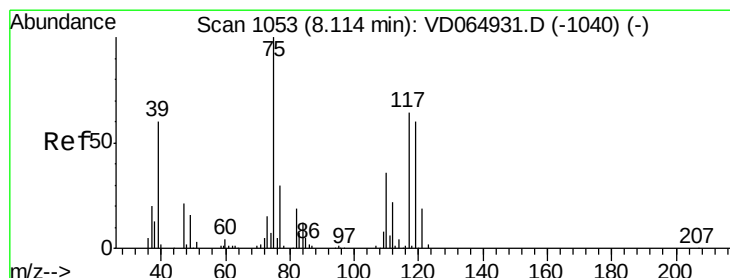
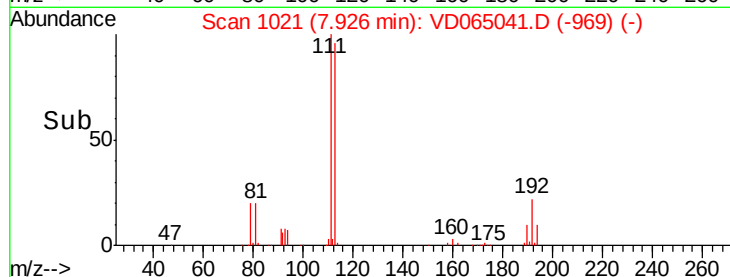
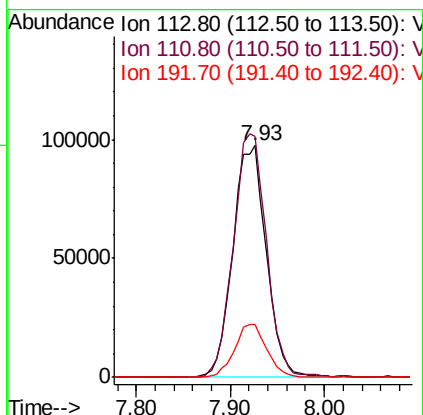
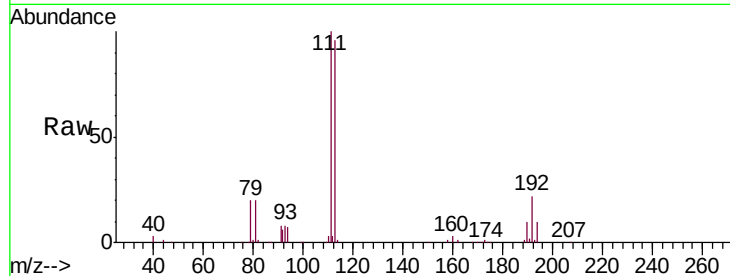




#35
 Dibromofluoromethane
 Concen: 49.348 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD065041.D
 Acq: 31 Jan 2020 18:42

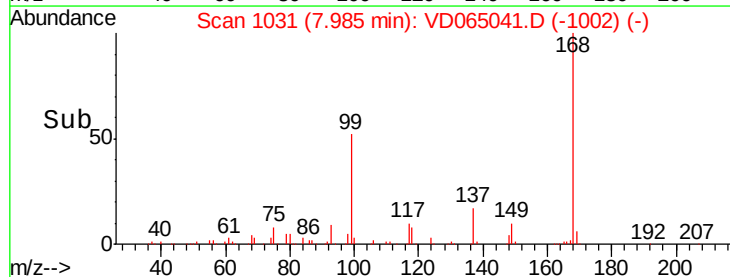
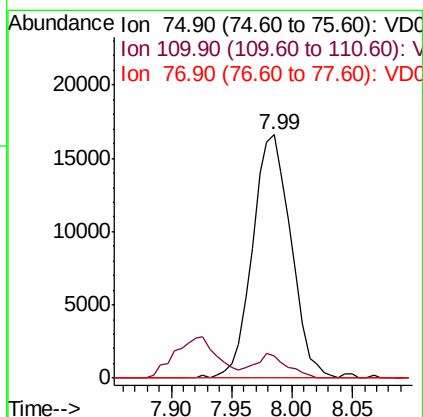
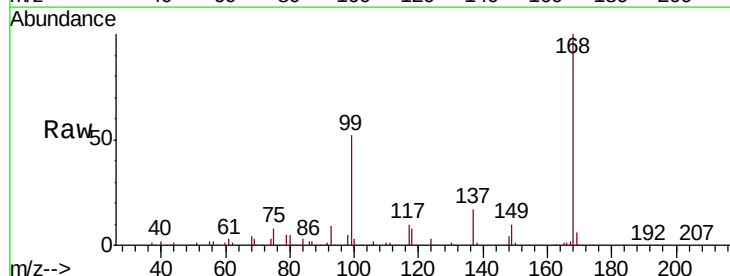
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-013120

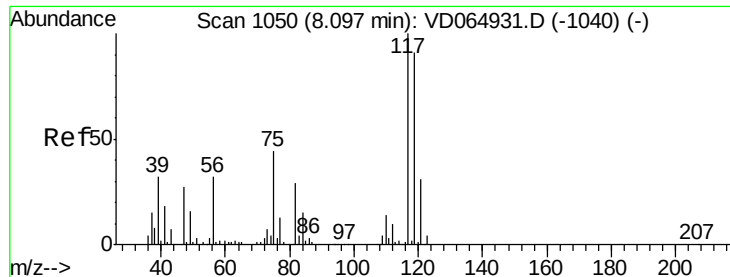
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.4	123.6
192	22.0	16.9	25.3



#36
 1,1-Dichloropropene
 Concen: 4.895 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065041.D
 Acq: 31 Jan 2020 18:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.3	52.0#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.983 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065041.D

Acq: 31 Jan 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

SU-02-013120

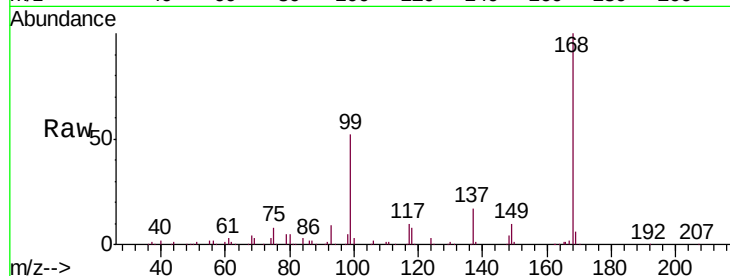
Tgt Ion:117 Resp: 47316

Ion Ratio Lower Upper

117 100

119 4.3 73.2 109.8#

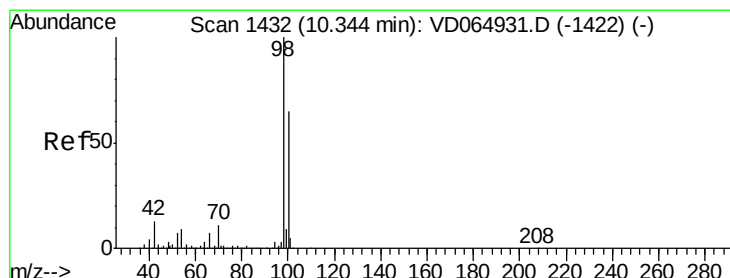
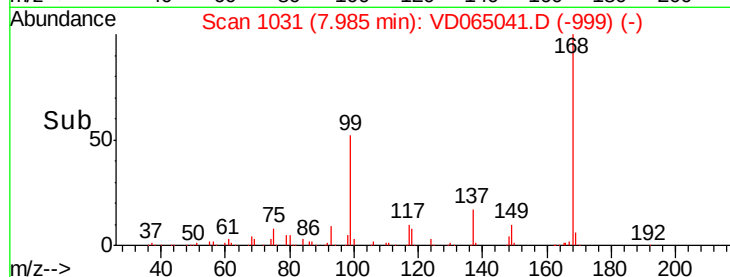
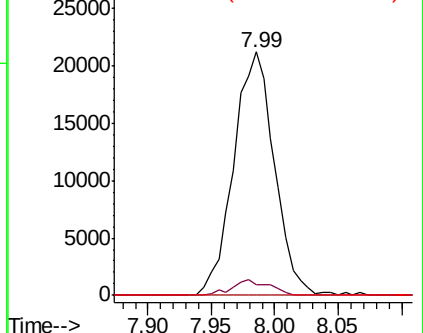
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 50.133 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065041.D

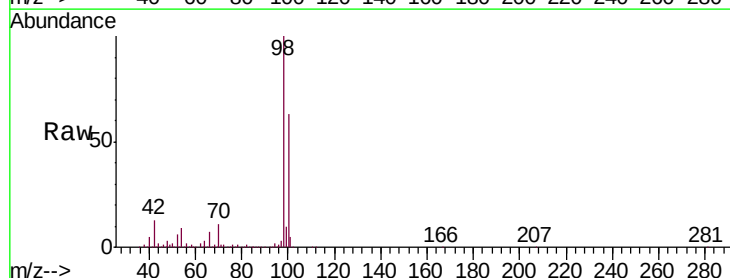
Acq: 31 Jan 2020 18:42

Tgt Ion: 98 Resp: 943569

Ion Ratio Lower Upper

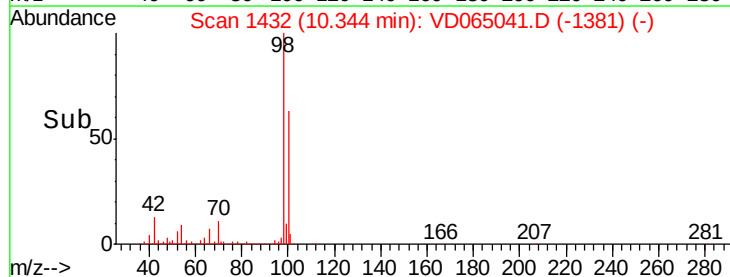
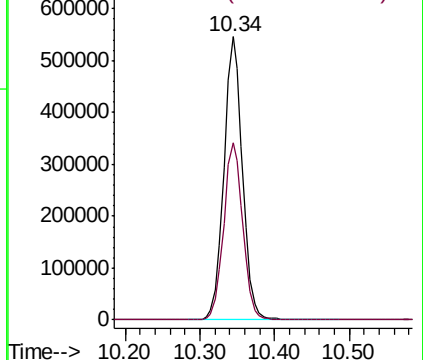
98 100

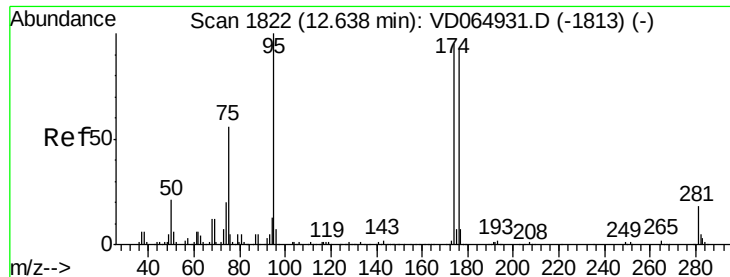
100 64.5 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

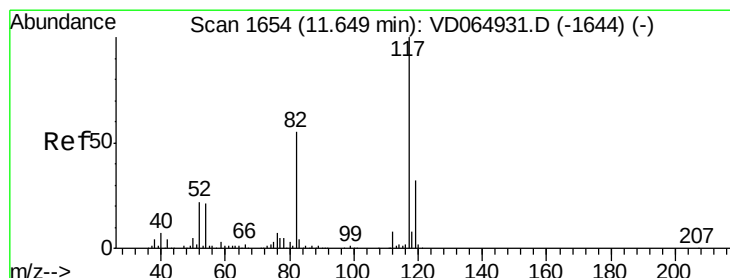
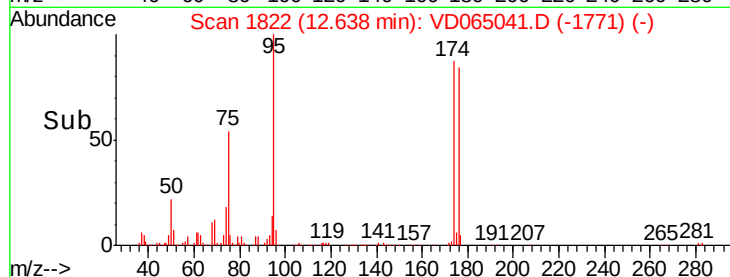
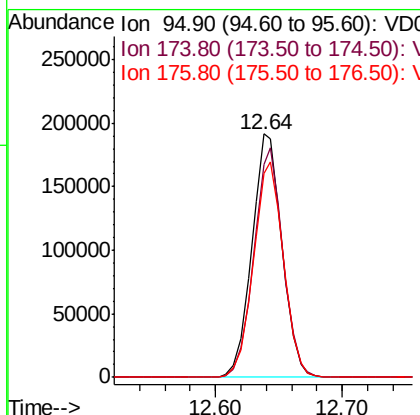
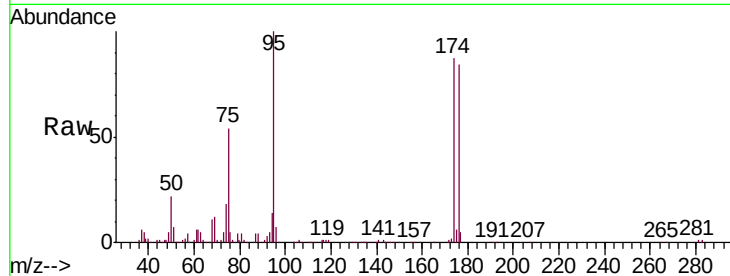




#62
4-Bromofluorobenzene
Concen: 54.842 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065041.D
Acq: 31 Jan 2020 18:42

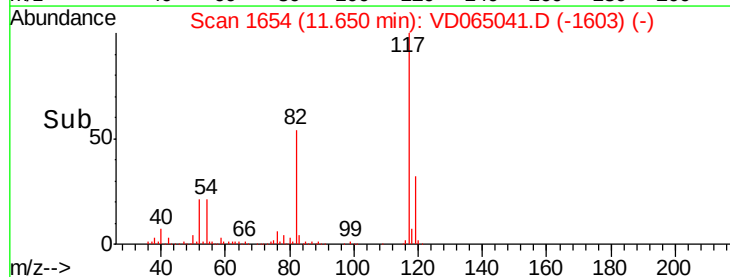
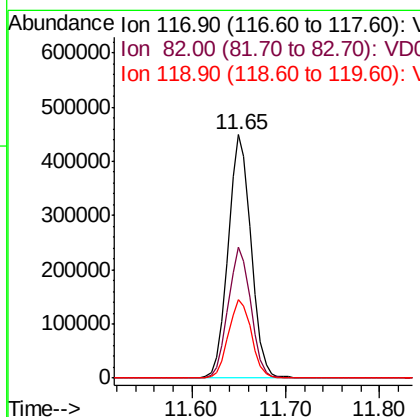
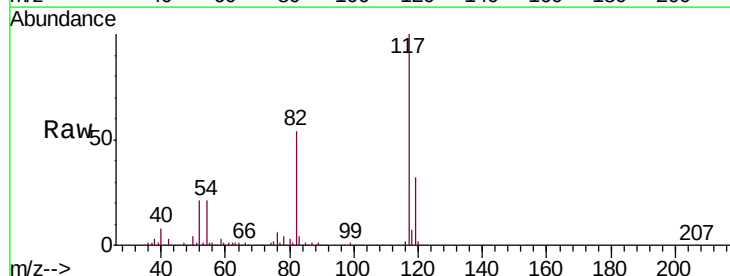
Instrument :
MSVOA_D
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SU-02-013120

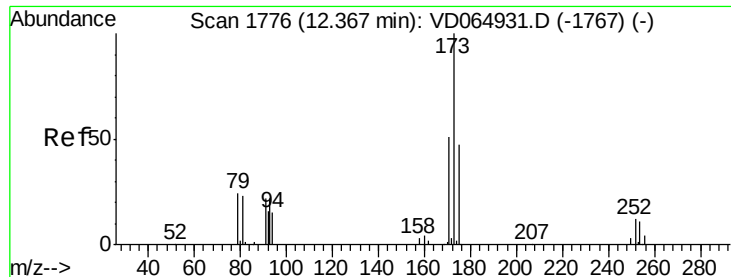
Tgt Ion: 95 Resp: 315869
Ion Ratio Lower Upper
95 100
174 91.6 0.0 186.8
176 88.1 0.0 183.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065041.D
Acq: 31 Jan 2020 18:42

Tgt Ion: 117 Resp: 757309
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 32.2 25.2 37.8

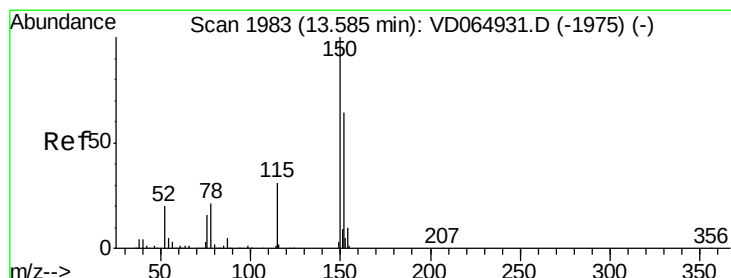
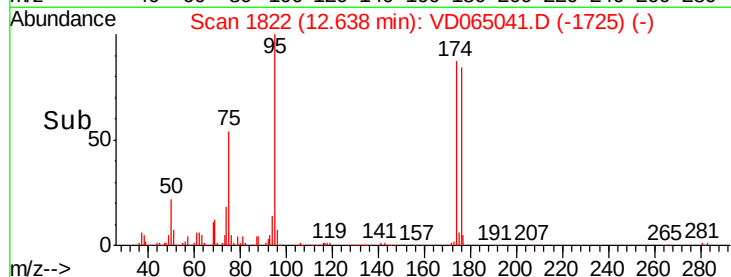
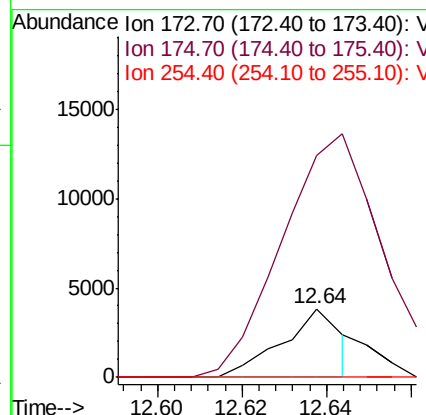
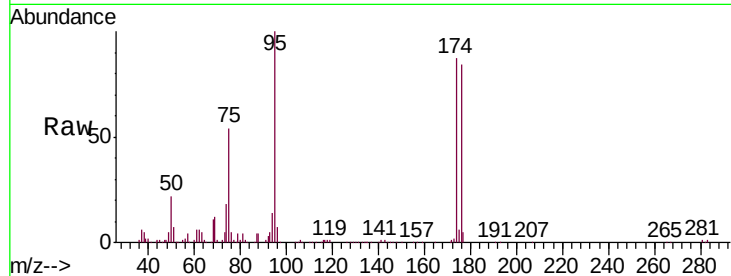




#71
Bromoform
Concen: 1.165 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.27 min
Lab File: VD065041.D
Acq: 31 Jan 2020 18:42

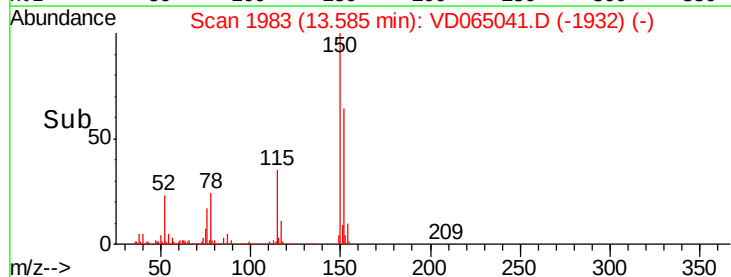
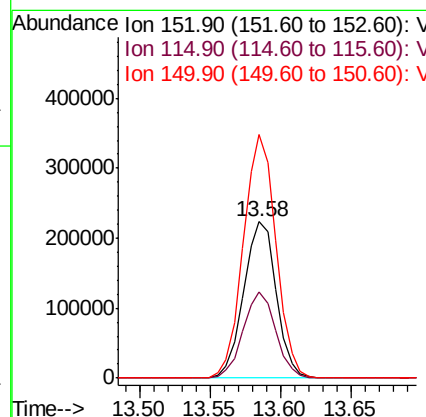
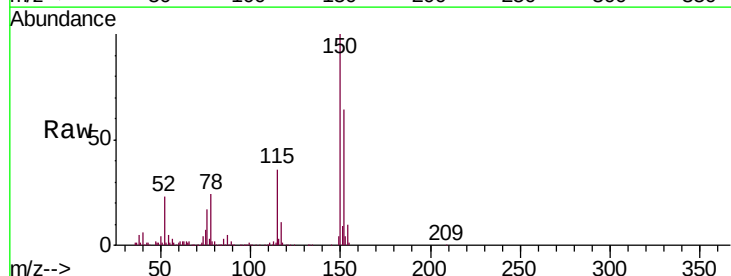
Instrument :
MSVOA_D
ClientSampleId :
SU-02-013120

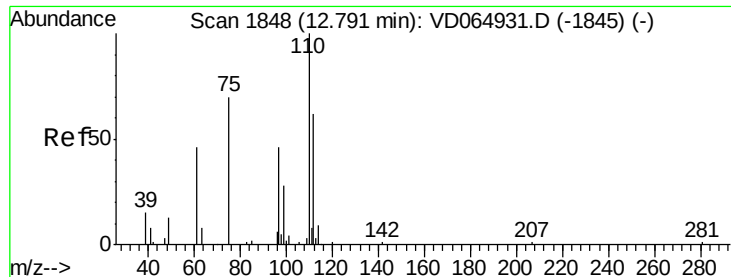
Tgt Ion:173 Resp: 3744
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065041.D
Acq: 31 Jan 2020 18:42

Tgt Ion:152 Resp: 362074
Ion Ratio Lower Upper
152 100
115 55.2 28.1 84.4
150 154.9 0.0 350.4

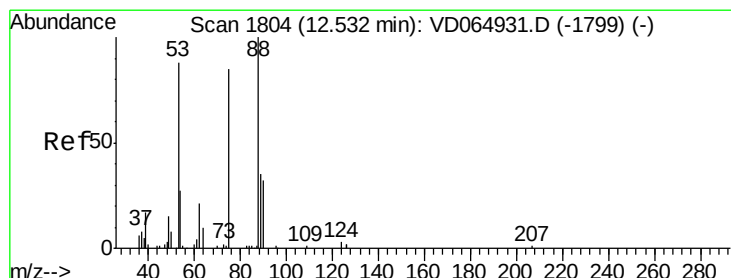
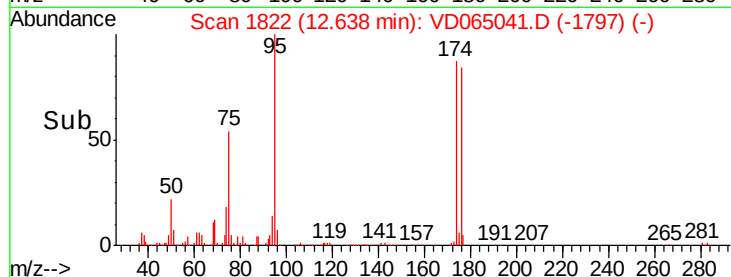
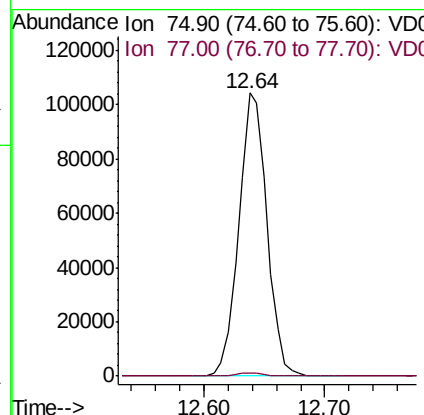
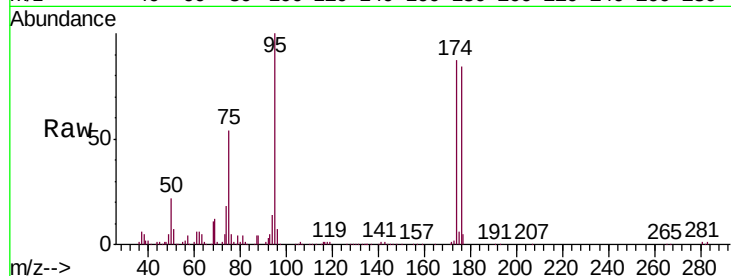




#76
 1,2,3-Trichloropropane
 Concen: 56.204 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD065041.D
 Acq: 31 Jan 2020 18:42

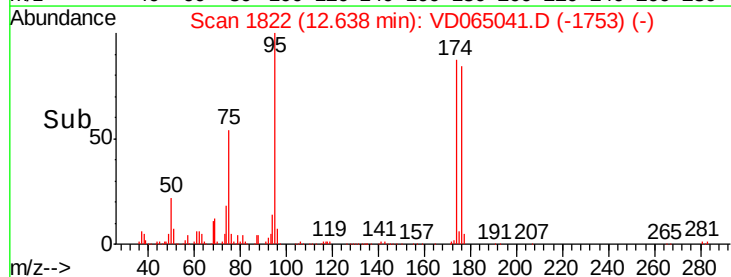
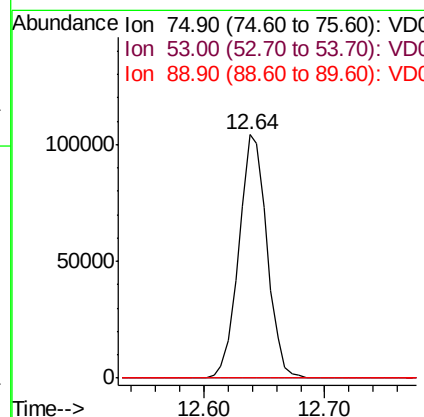
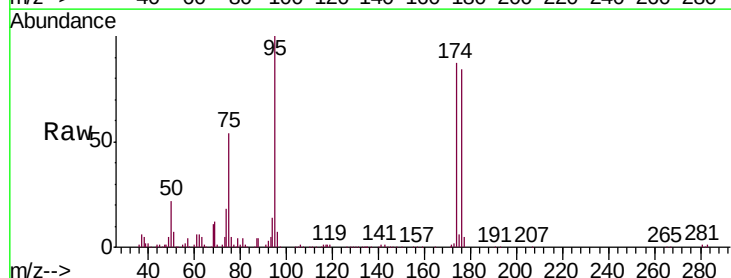
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-013120

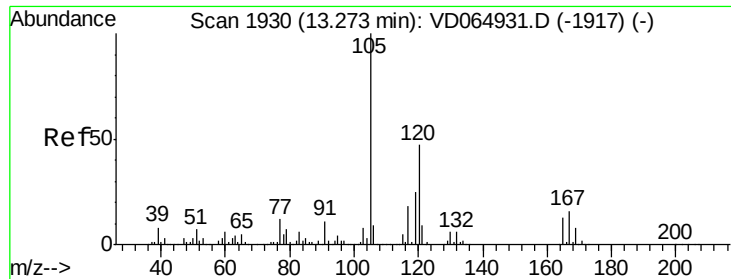
Tgt Ion: 75 Resp: 168908
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.009 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD065041.D
 Acq: 31 Jan 2020 18:42

Tgt Ion: 75 Resp: 168908
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.0 121.4#
 89 0.0 36.2 54.4#

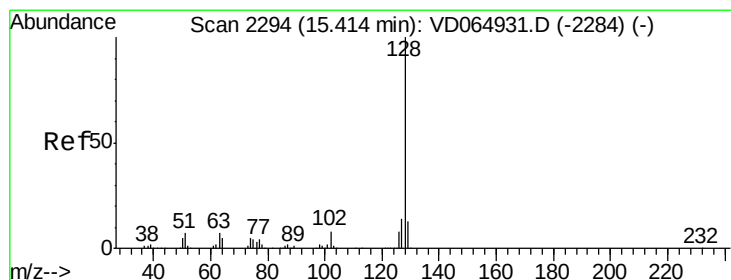
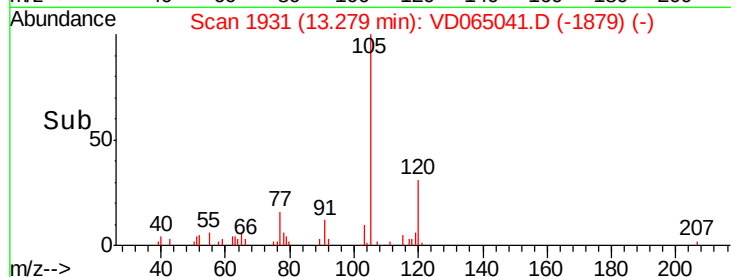
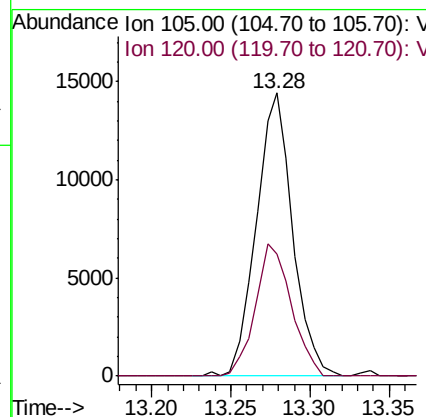
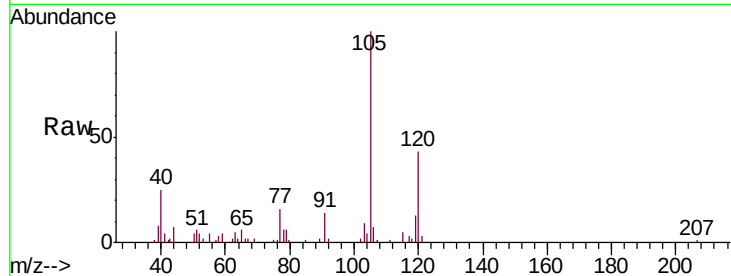




#84
 1,2,4-Trimethylbenzene
 Concen: 1.119 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD065041.D
 Acq: 31 Jan 2020 18:42

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-013120

Tgt Ion:105 Resp: 22980
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.3



#95
 Naphthalene
 Concen: 1.322 ug/l
 RT: 15.41 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: VD065041.D
 Acq: 31 Jan 2020 18:42

Tgt Ion:128 Resp: 14555
 Ion Ratio Lower Upper
 128 100
 127 18.7 10.6 15.8#
 129 8.7 9.3 13.9#

