

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066044.D
 Acq On : 24 Jul 2020 13:49
 Operator : VA/SY
 Sample : L3383-13
 Misc : 6.78G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-022

Quant Time: Jul 24 23:53:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	308009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	474766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	507460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	262490	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	125907	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
35) Dibromofluoromethane	7.92	113	144554	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
50) Toluene-d8	10.34	98	576698	53.76	ug/l	0.00
Spiked Amount			Recovery	=	107.52%	
62) 4-Bromofluorobenzene	12.64	95	230297	61.92	ug/l	0.00
Spiked Amount			Recovery	=	123.84%	

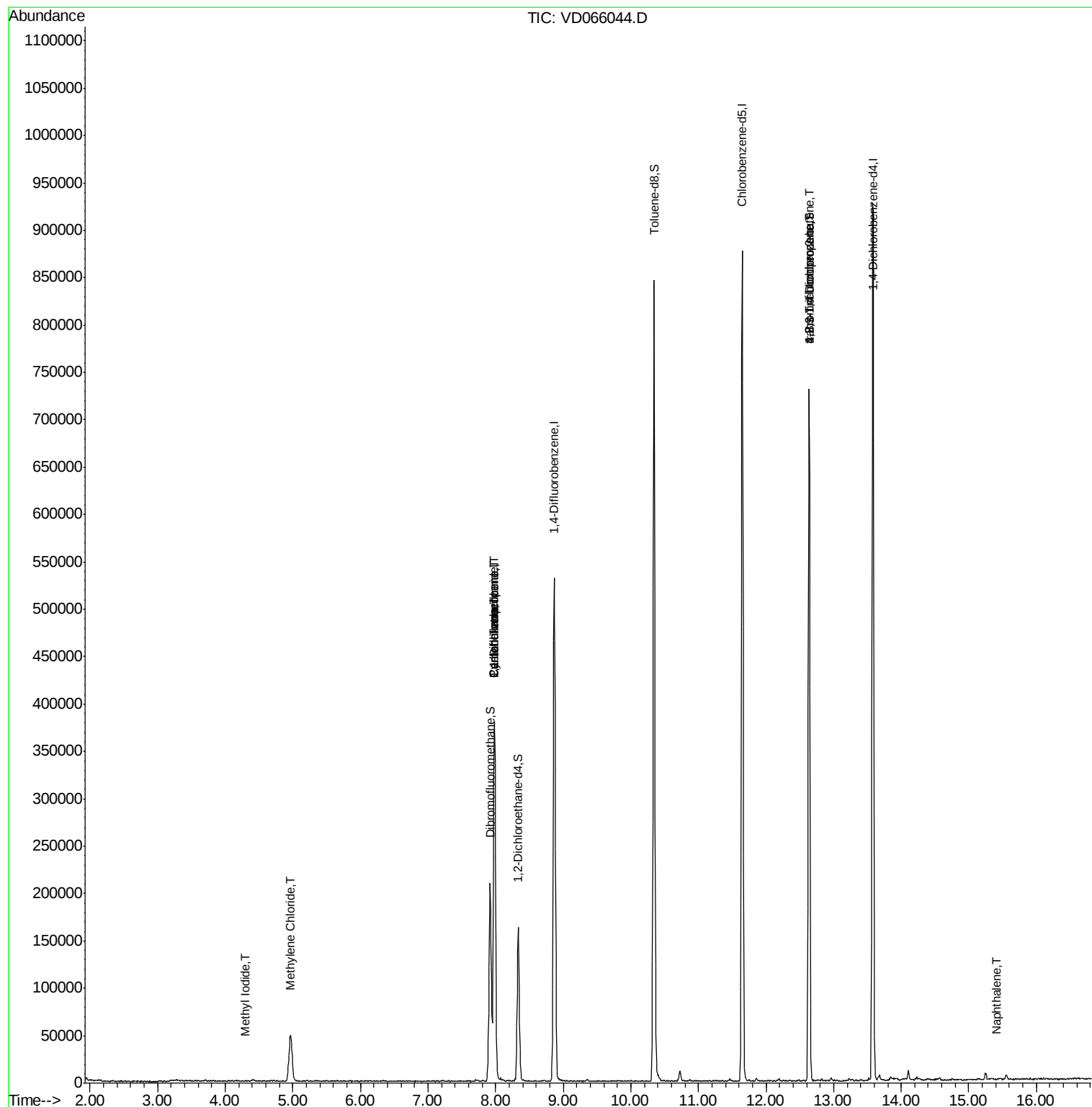
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	68	Below Cal	#	4
10) Methyl Iodide	4.30	142	309	8.907	ug/l #	66
20) Methylene Chloride	4.97	84	40325	12.130	ug/l	89
31) Cyclohexane	7.98	56	6024	1.336	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	20222	4.991	ug/l #	50
38) Carbon Tetrachloride	7.98	117	28121	6.396	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	115316	58.346	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	115316	133.884	ug/l #	11
95) Naphthalene	15.40	128	634	3.618	ug/l #	81

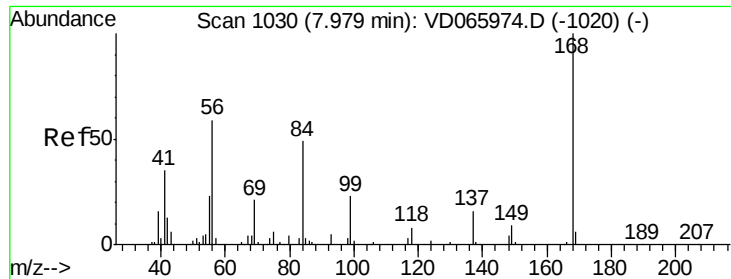
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072420\
Data File : VD066044.D
Acq On : 24 Jul 2020 13:49
Operator : VA/SY
Sample : L3383-13
Misc : 6.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CRT-022

Quant Time: Jul 24 23:53:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066044.D

Acq: 24 Jul 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

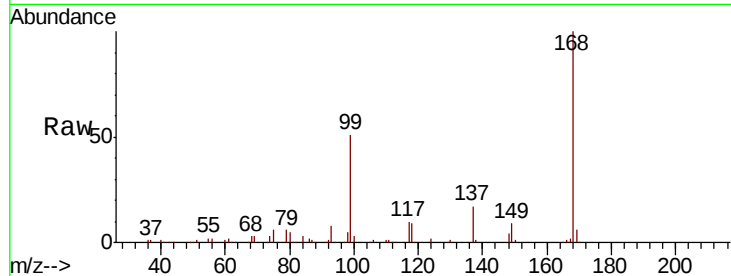
CRT-022

Tot Ion:168 Resp: 308009

Ion Ratio Lower Upper

168 100

99 50.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

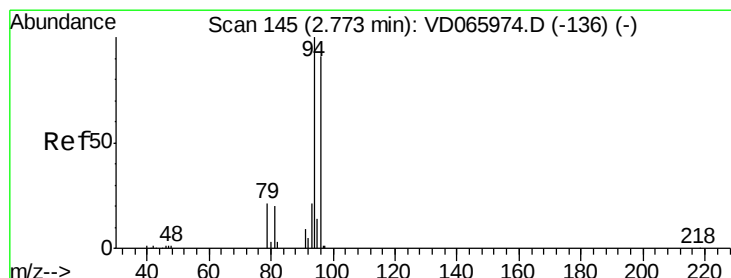
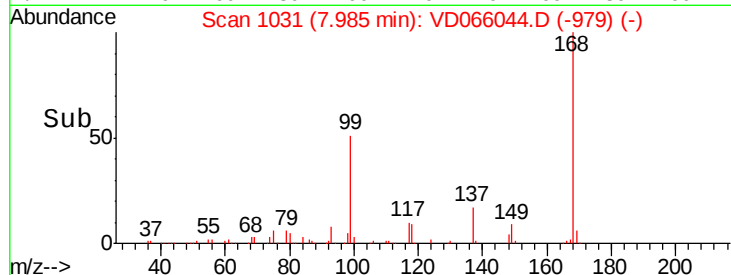
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066044.D

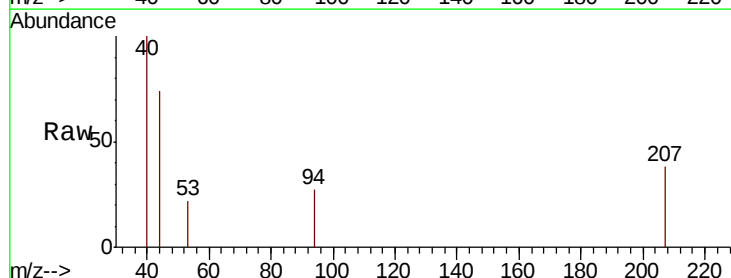
Acq: 24 Jul 2020 13:49

Tgt Ion: 94 Resp: 68

Ion Ratio Lower Upper

94 100

96 0.0 73.0 109.4#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

250

200

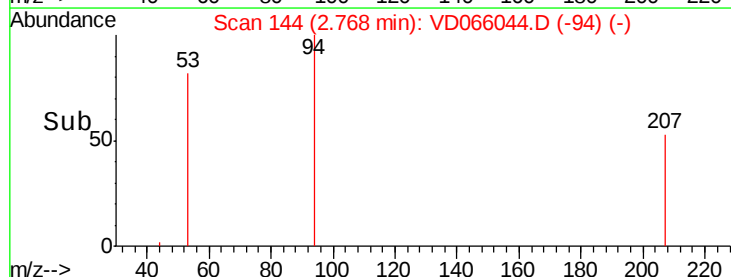
150

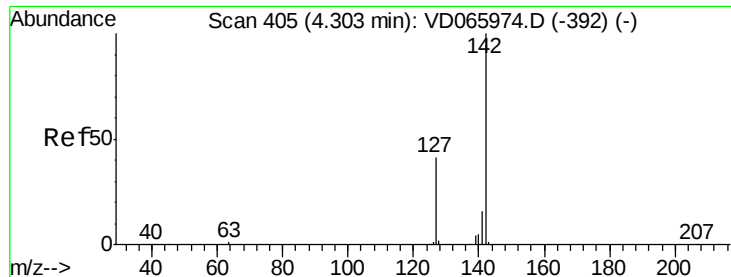
100

50

0

Time-->

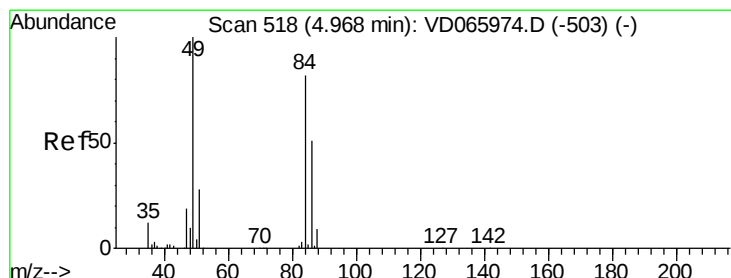
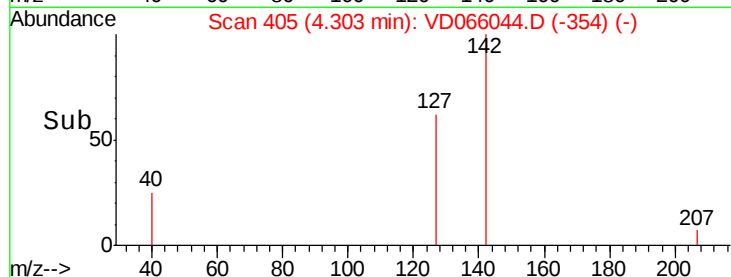
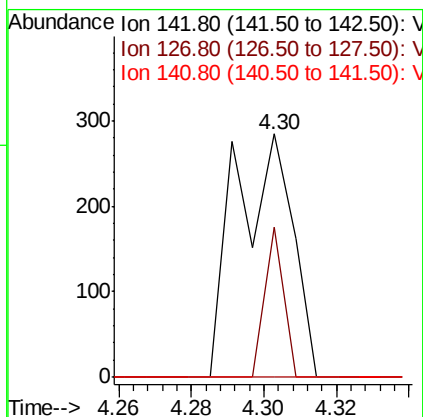
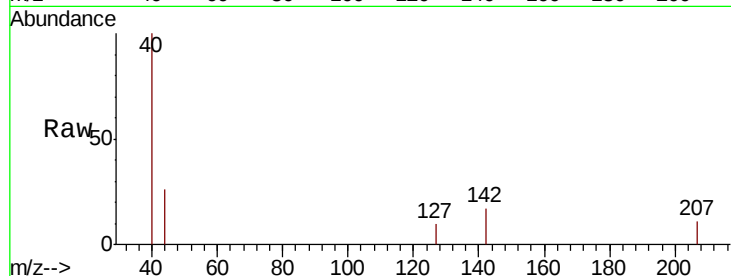




#10
Methvl Iodide
Concen: 8.907 ug/l
RT: 4.30 min Scan# 405
Delta R.T. 0.00 min
Lab File: VD066044.D
Acq: 24 Jul 2020 13:49

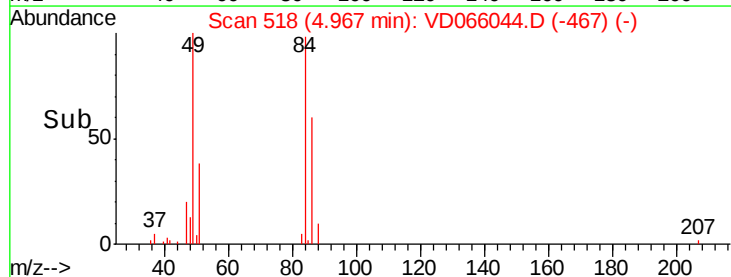
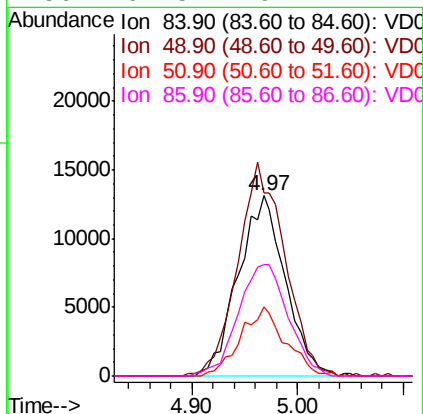
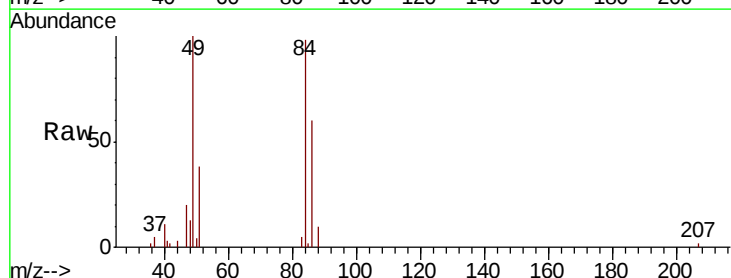
Instrument :
MSVOA_D
ClientSampleId :
CRT-022

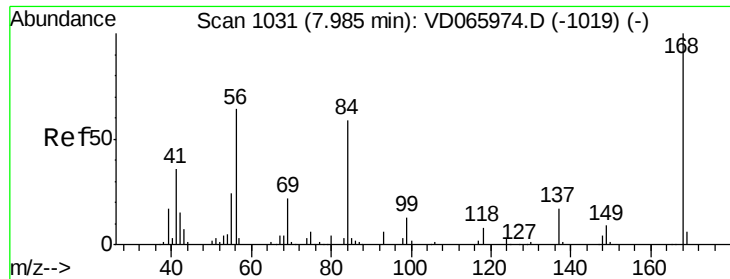
Tot Ion:142 Resp: 309
Ion Ratio Lower Upper
142 100
127 20.1 32.9 49.3#
141 0.0 11.8 17.6#



#20
Methylene Chloride
Concen: 12.130 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066044.D
Acq: 24 Jul 2020 13:49

Tgt Ion: 84 Resp: 40325
Ion Ratio Lower Upper
84 100
49 101.8 97.7 146.5
51 38.2 27.4 41.2
86 61.5 49.4 74.2

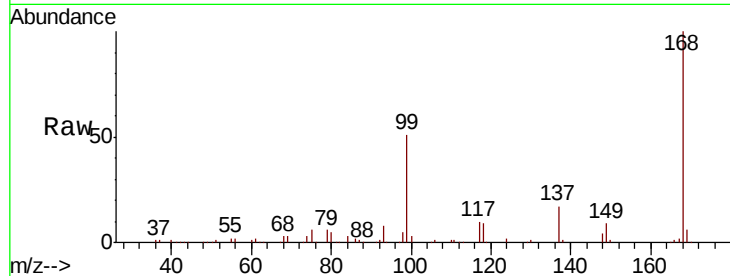




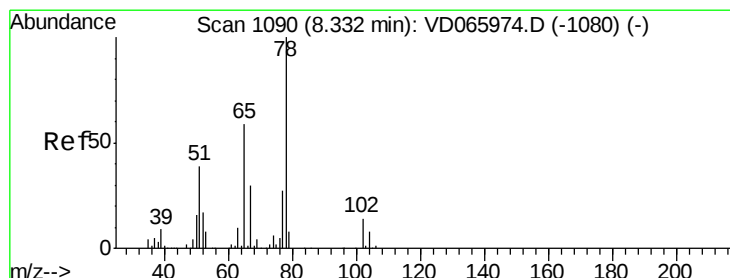
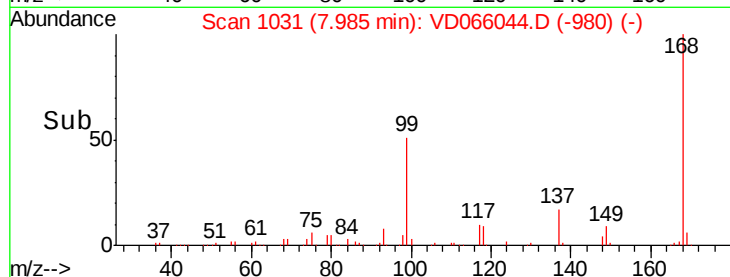
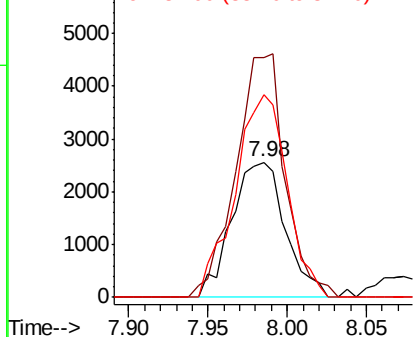
#31
Cyclohexane
Concen: 1.336 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066044.D
Acq: 24 Jul 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
CRT-022

Tot Ion: 56 Resp: 6024
Ion Ratio Lower Upper
56 100
69 178.2 28.0 42.0#
84 150.6 72.6 109.0#

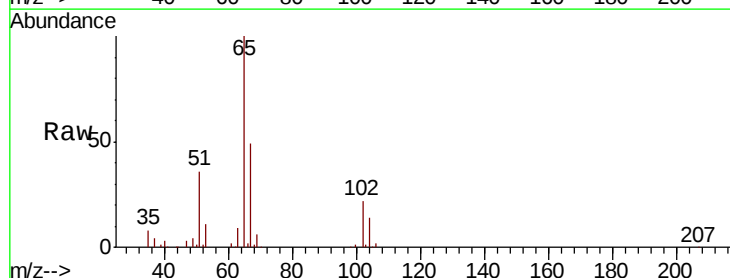


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

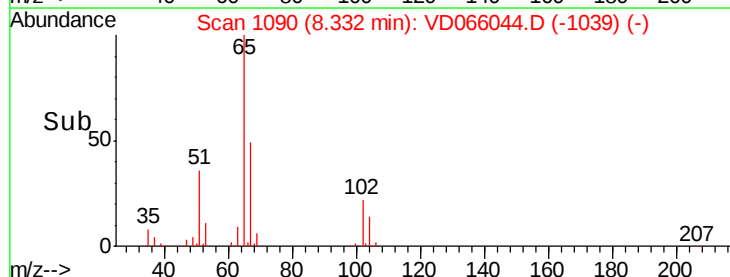
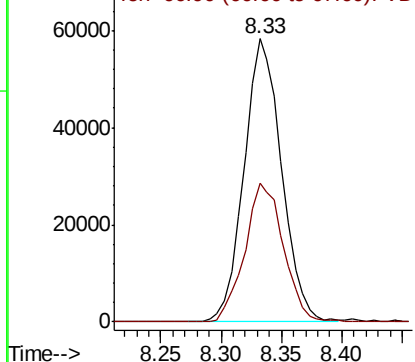


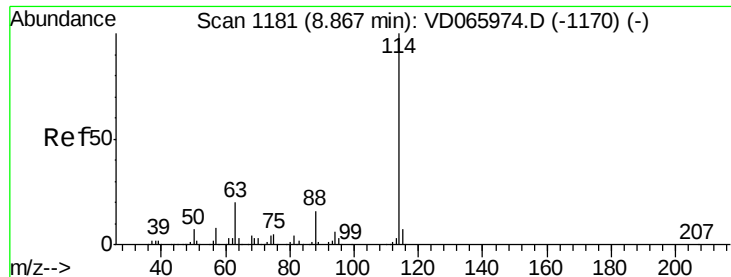
#33
1,2-Dichloroethane-d4
Concen: 50.237 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066044.D
Acq: 24 Jul 2020 13:49

Tgt Ion: 65 Resp: 125907
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.0



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

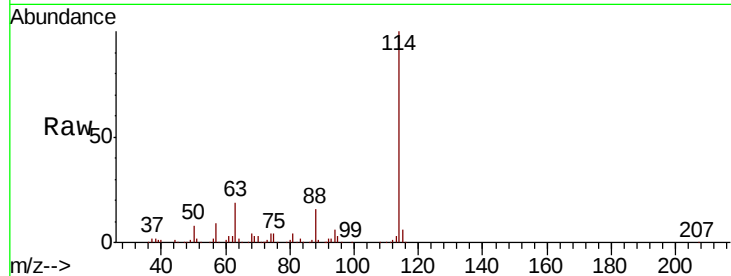




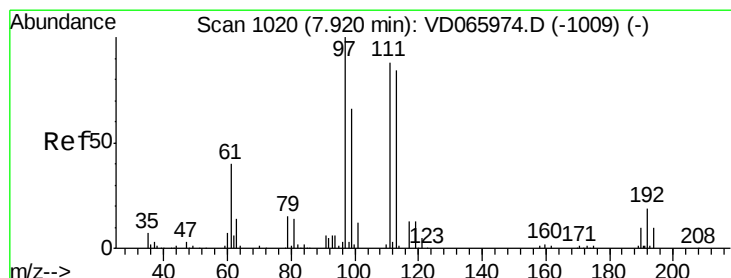
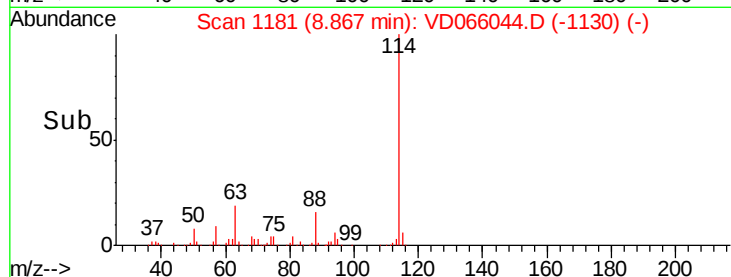
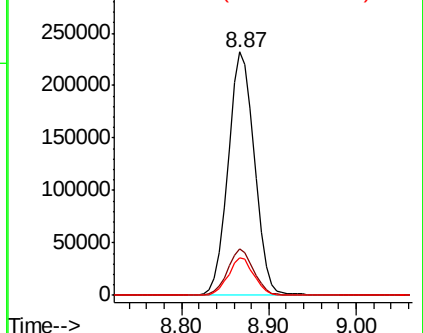
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD066044.D
Acq: 24 Jul 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
CRT-022

Tot Ion:114 Resp: 474766
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.6
88 15.6 0.0 31.2

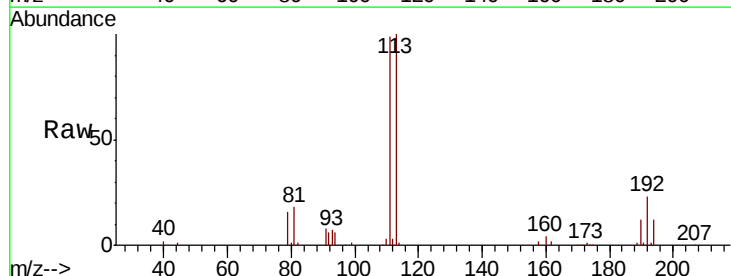


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

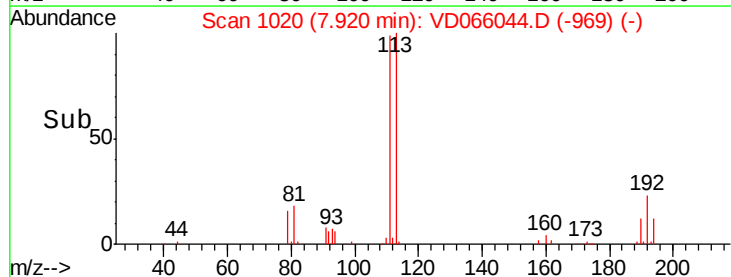
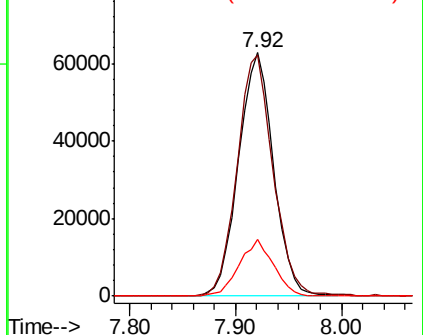


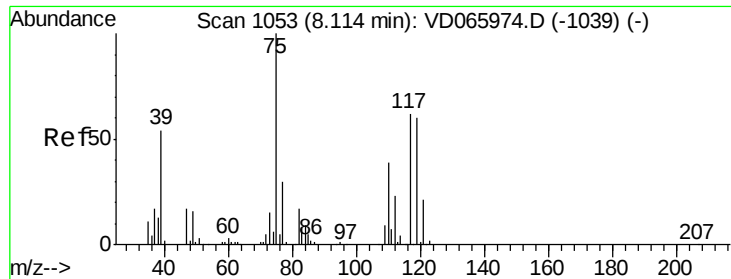
#35
Dibromofluoromethane
Concen: 50.199 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD066044.D
Acq: 24 Jul 2020 13:49

Tgt Ion:113 Resp: 144554
Ion Ratio Lower Upper
113 100
111 101.3 83.2 124.8
192 22.7 18.7 28.1



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: 4.991 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD066044.D

Acq: 24 Jul 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

CRT-022

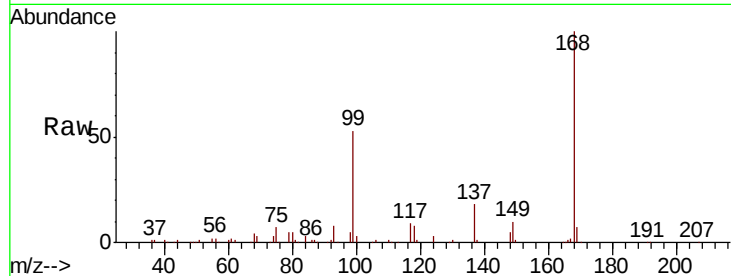
Tot Ion: 75 Resp: 20222

Ion Ratio Lower Upper

75 100

110 11.5 19.5 58.5#

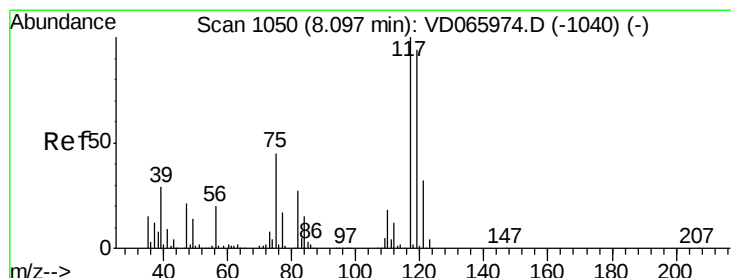
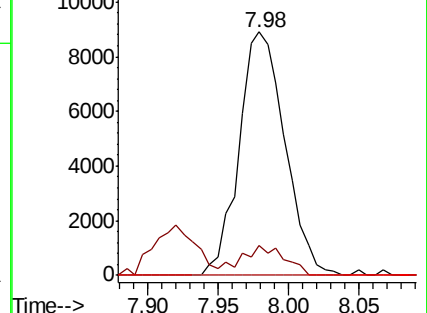
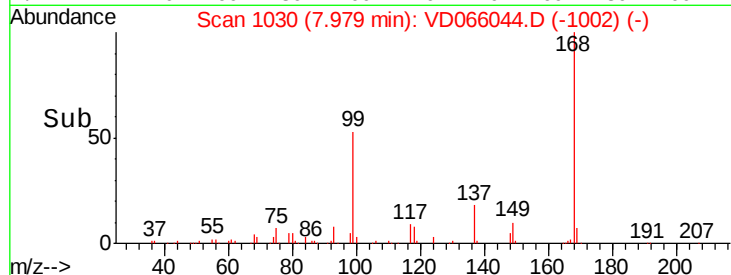
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 6.396 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD066044.D

Acq: 24 Jul 2020 13:49

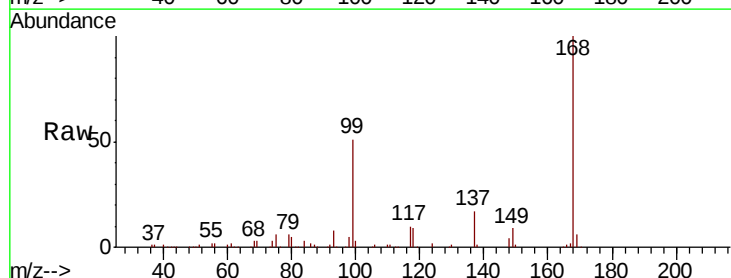
Tgt Ion: 117 Resp: 28121

Ion Ratio Lower Upper

117 100

119 4.3 75.0 112.6#

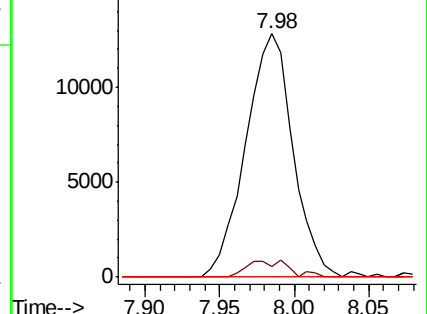
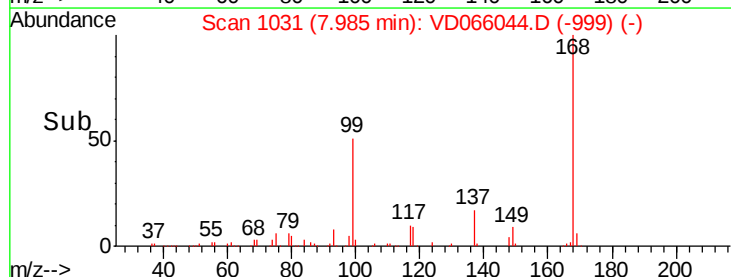
121 0.0 25.5 38.3#

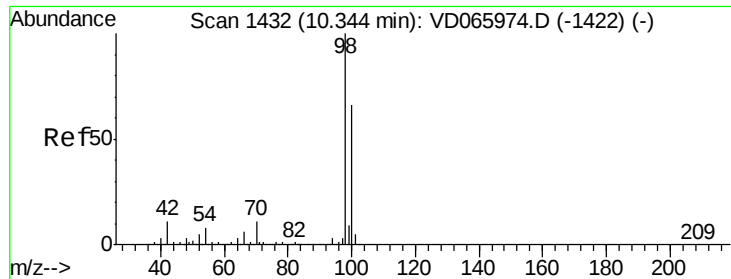


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 53.760 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066044.D

Acq: 24 Jul 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

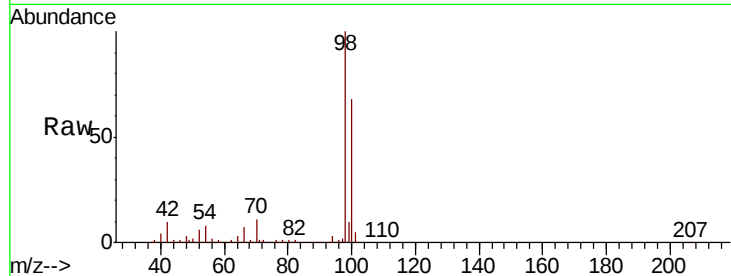
CRT-022

Tot Ion: 98 Resp: 576698

Ion Ratio Lower Upper

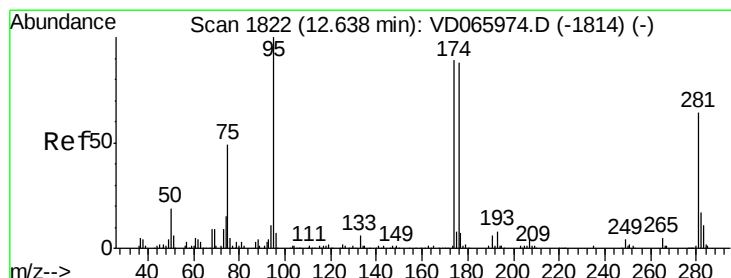
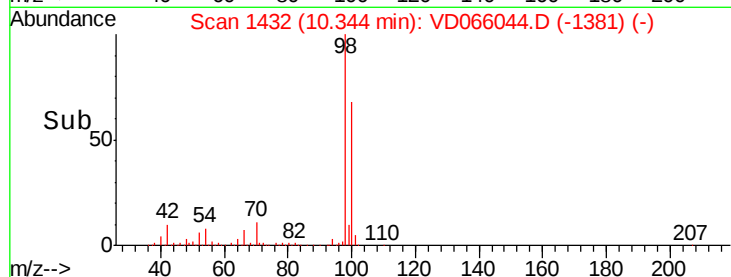
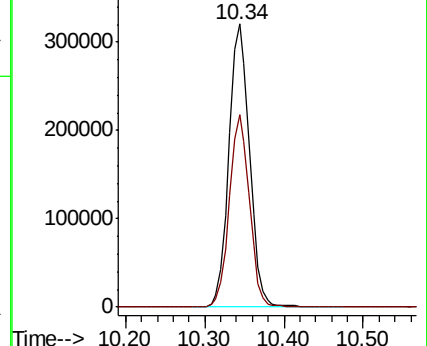
98 100

100 66.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 61.915 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066044.D

Acq: 24 Jul 2020 13:49

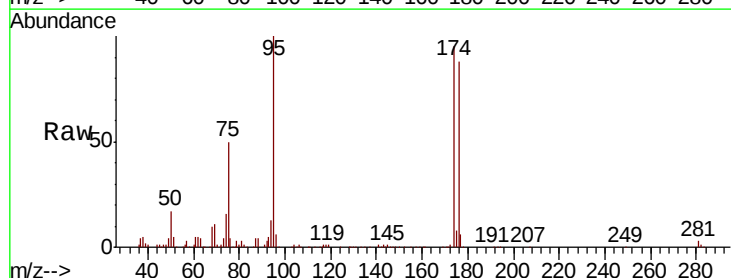
Tgt Ion: 95 Resp: 230297

Ion Ratio Lower Upper

95 100

174 93.6 0.0 178.8

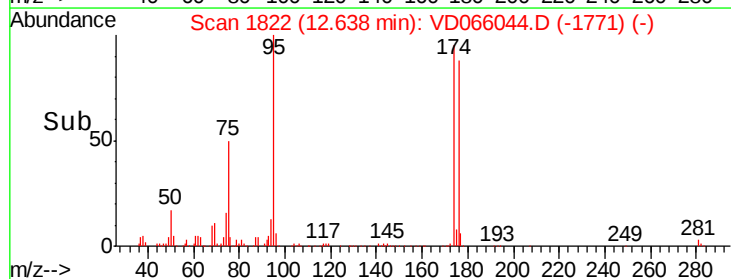
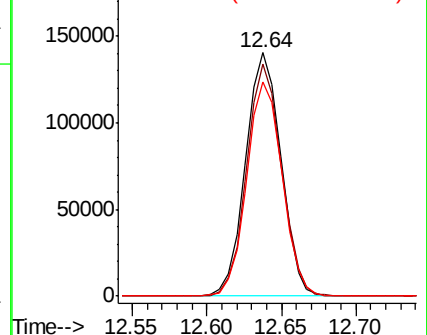
176 88.0 0.0 172.6

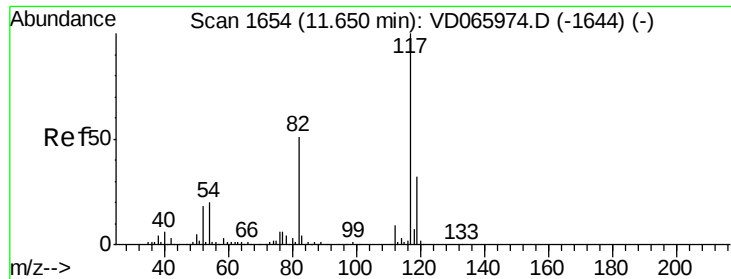


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

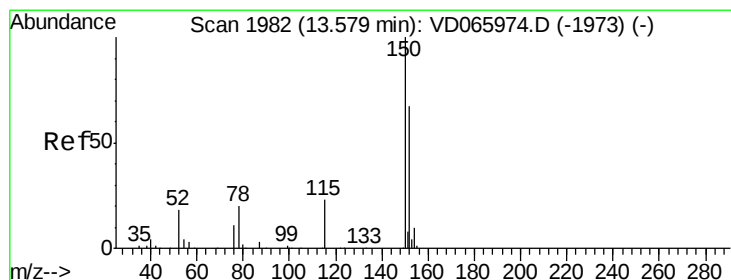
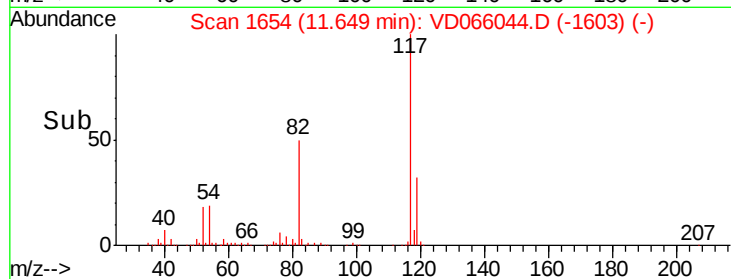
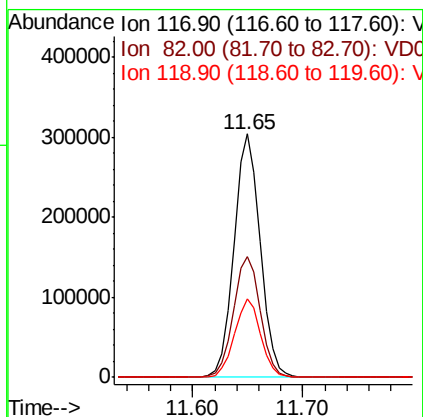
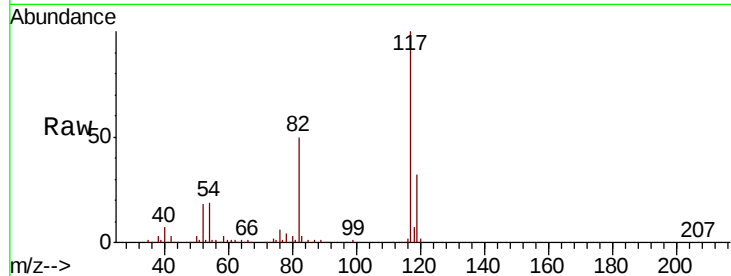




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066044.D
Acq: 24 Jul 2020 13:49

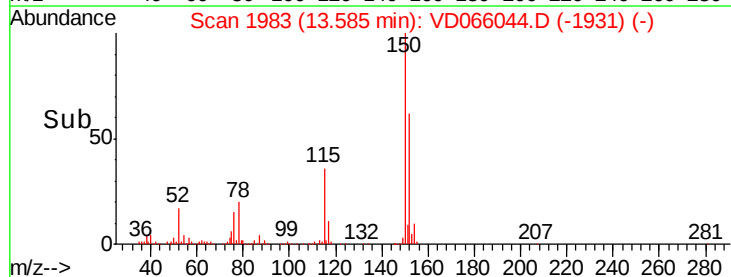
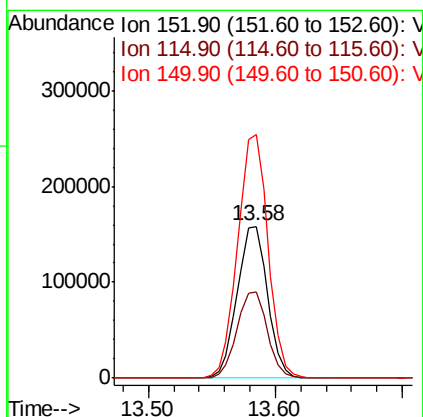
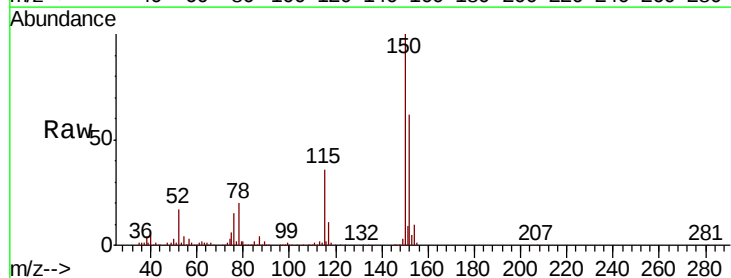
Instrument :
MSVOA_D
ClientSampleId :
CRT-022

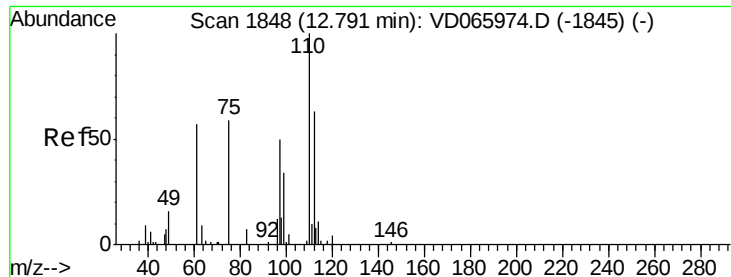
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	41.1	61.7
119	32.2	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066044.D
Acq: 24 Jul 2020 13:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.9	83.7
150	160.2	0.0	348.2





#76

1,2,3-Trichloropropane

Concen: 58.346 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD066044.D

Acq: 24 Jul 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

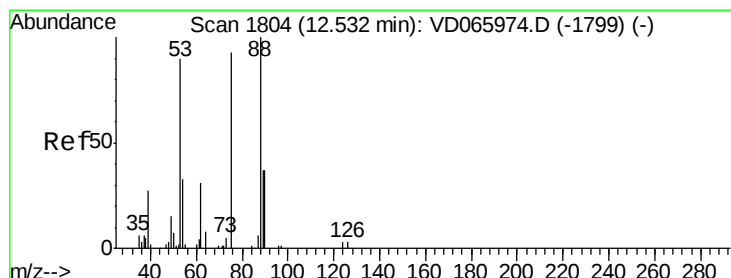
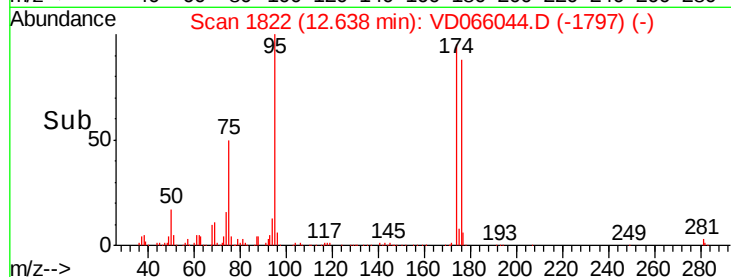
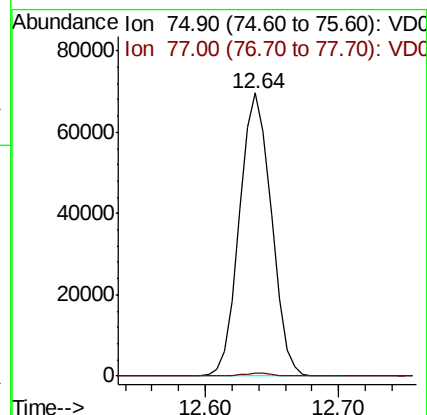
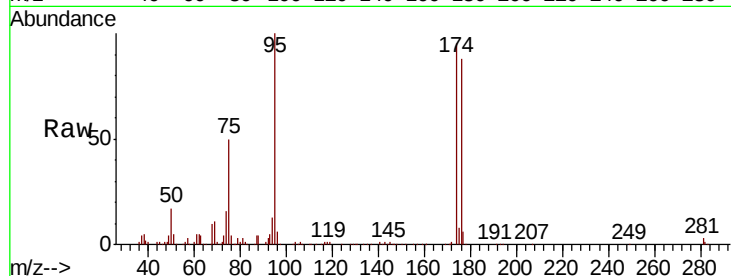
CRT-022

Tot Ion: 75 Resp: 115316

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 133.884 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD066044.D

Acq: 24 Jul 2020 13:49

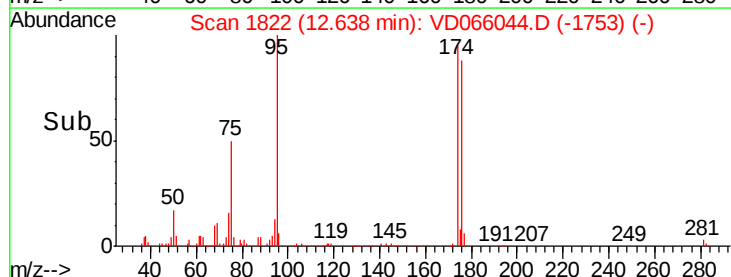
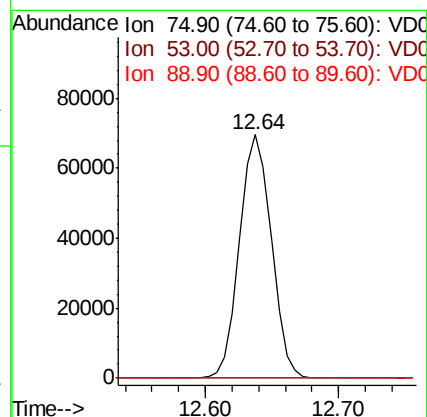
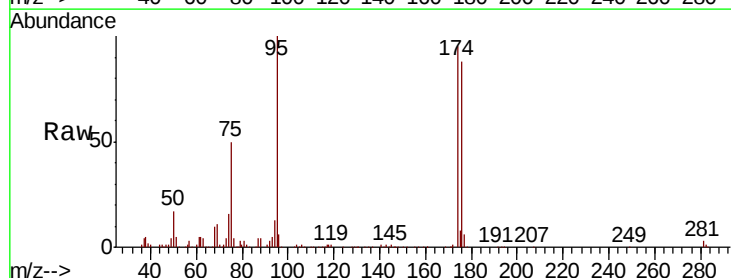
Tgt Ion: 75 Resp: 115316

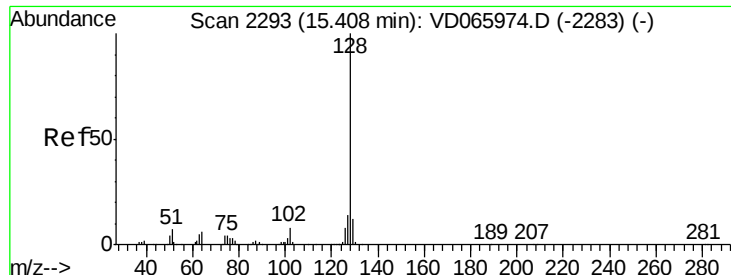
Ion Ratio Lower Upper

75 100

53 0.0 76.8 115.2#

89 0.0 37.0 55.4#

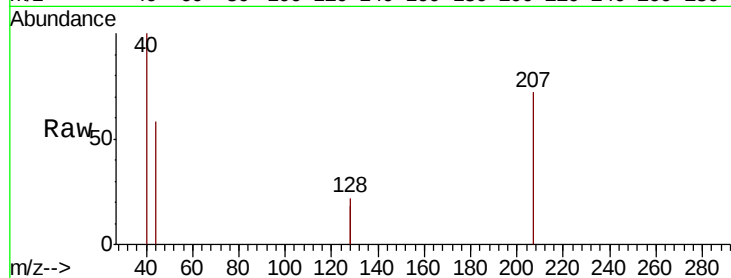




#95
 Naphthalene
 Concen: 3.618 ug/l
 RT: 15.40 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: VD066044.D
 Acq: 24 Jul 2020 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-022

Tot Ion	Ratio	Lower	Upper
128	100		
127	9.0	10.8	16.2#
129	0.0	8.9	13.3#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

