

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032720\
 Data File : VD065541.D
 Acq On : 27 Mar 2020 13:49
 Operator : VA/SY
 Sample : L2040-10
 Misc : 7.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 30 06:33:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	503834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	905553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	870478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	442760	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	244499	58.30	ug/l	0.00
Spiked Amount			Recovery	=	116.60%	
35) Dibromofluoromethane	7.92	113	294358	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	
50) Toluene-d8	10.34	98	1088122	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.64	95	365484	54.88	ug/l	0.00
Spiked Amount			Recovery	=	109.76%	

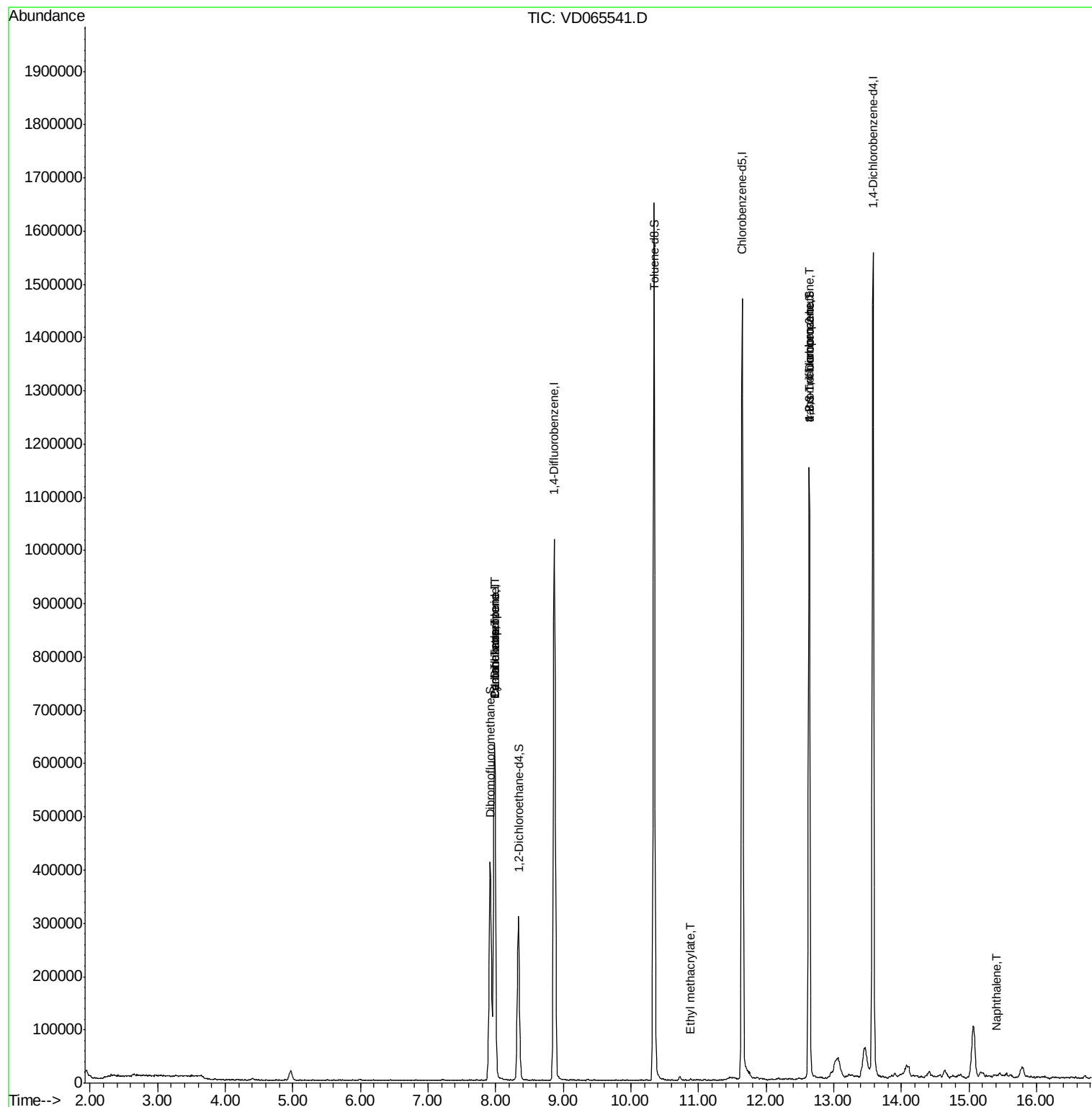
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	264	Below Cal	#	42
3) Chloromethane	2.21	50	615	Below Cal	#	16
5) Bromomethane	2.79	94	355	Below Cal	#	64
20) Methylene Chloride	4.97	84	14665	Below Cal		97
31) Cyclohexane	7.98	56	10108	1.282	ug/l #	36
36) 1,1-Dichloropropene	7.98	75	34887	4.217	ug/l #	48
38) Carbon Tetrachloride	7.98	117	47164	5.412	ug/l #	17
56) Ethyl methacrylate	10.88	69	61	3.303	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	173403	50.941	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	173403	113.711	ug/l #	13
95) Naphthalene	15.41	128	2541	4.492	ug/l #	77

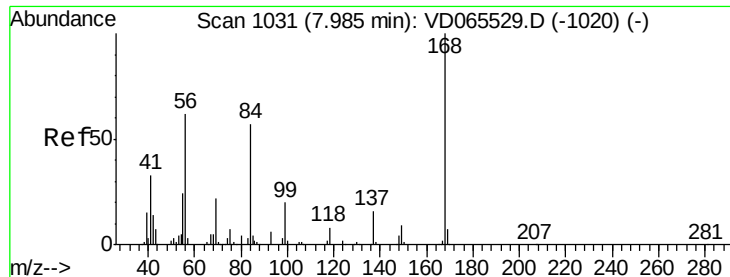
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032720\
Data File : VD065541.D
Acq On : 27 Mar 2020 13:49
Operator : VA/SY
Sample : L2040-10
Misc : 7.03G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 30 06:33:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 01:47:48 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: VD065541.D

Acq: 27 Mar 2020 13:49

Instrument :

MSVOA_D

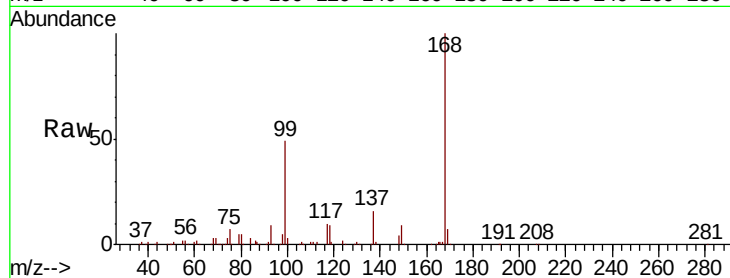
ClientSampleId :

Tot Ion:168 Resp: 503834

Ion Ratio Lower Upper

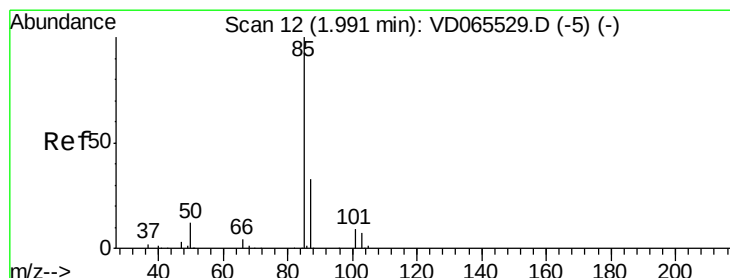
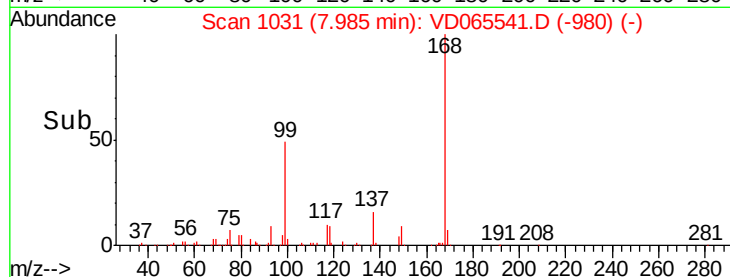
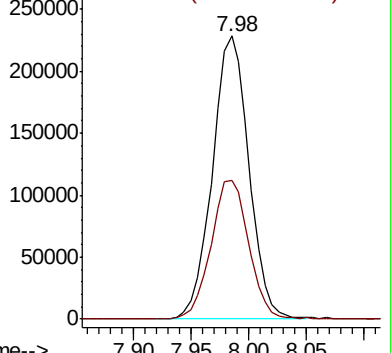
168 100

99 49.1 39.1 58.7



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# 12

Delta R.T. 0.00 min

Lab File: VD065541.D

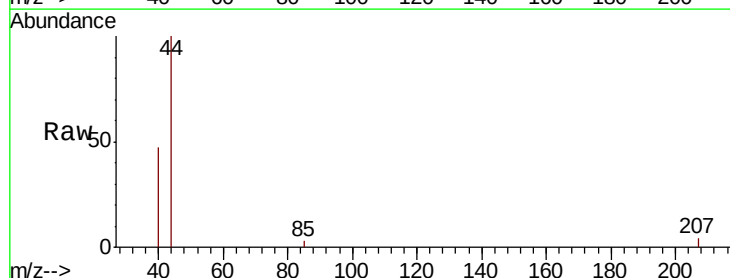
Acq: 27 Mar 2020 13:49

Tgt Ion: 85 Resp: 264

Ion Ratio Lower Upper

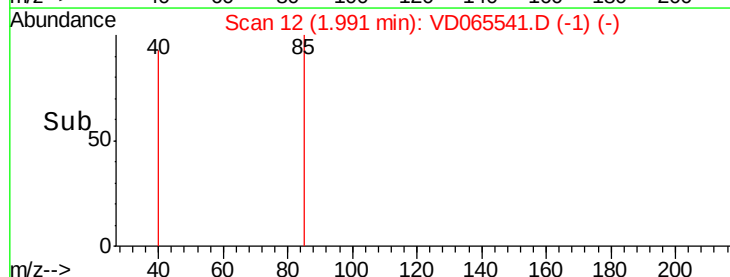
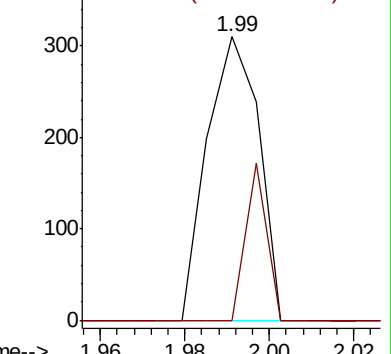
85 100

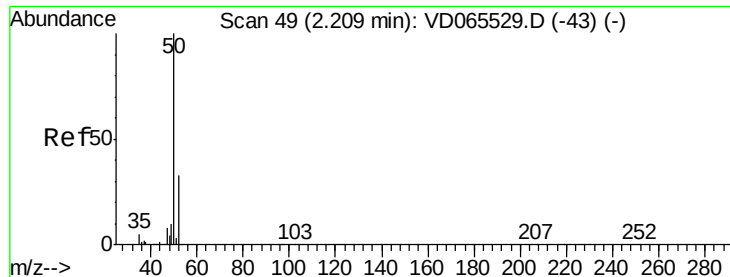
87 0.0 16.4 49.2#



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# 50

Delta R.T. 0.01 min

Lab File: VD065541.D

Acq: 27 Mar 2020 13:49

Instrument :

MSVOA_D

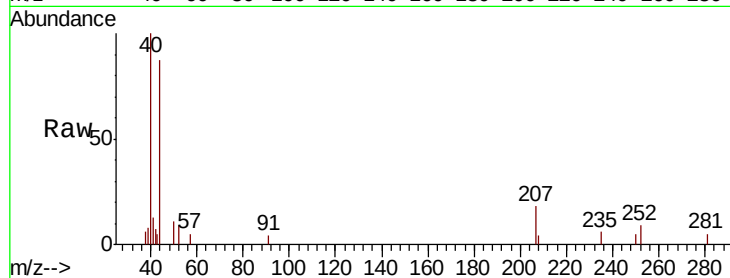
ClientSampleId :

Tot Ion: 50 Resp: 615

Ion Ratio Lower Upper

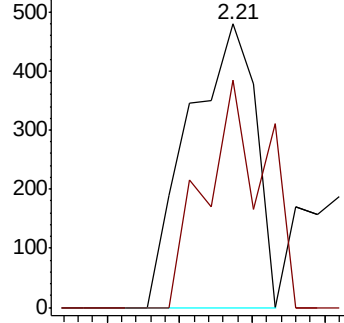
50 100

52 80.2 26.3 39.5#

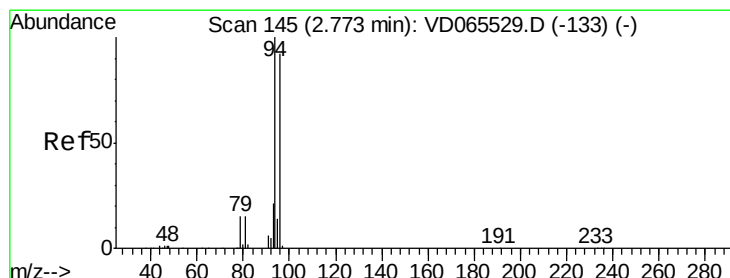
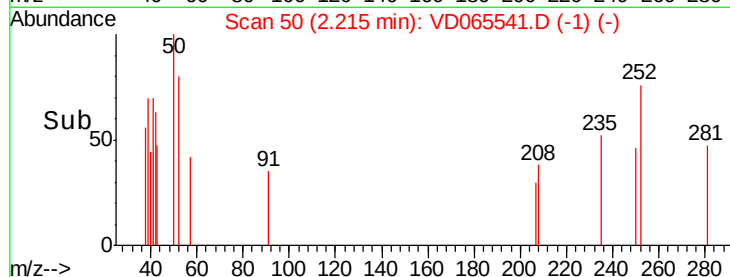


Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 148

Delta R.T. 0.02 min

Lab File: VD065541.D

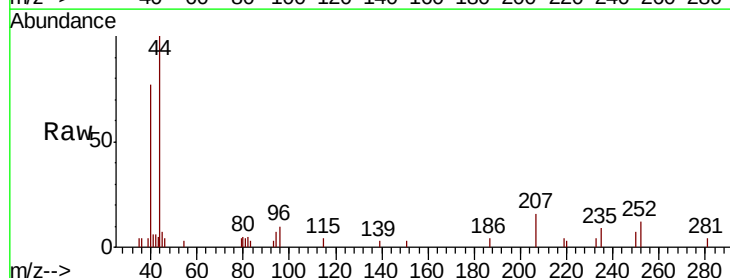
Acq: 27 Mar 2020 13:49

Tgt Ion: 94 Resp: 355

Ion Ratio Lower Upper

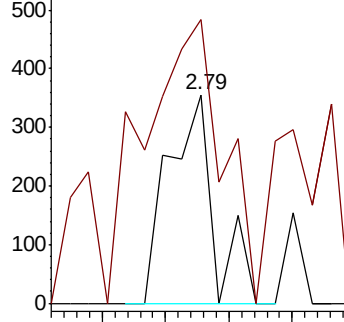
94 100

96 57.9 73.4 110.2#

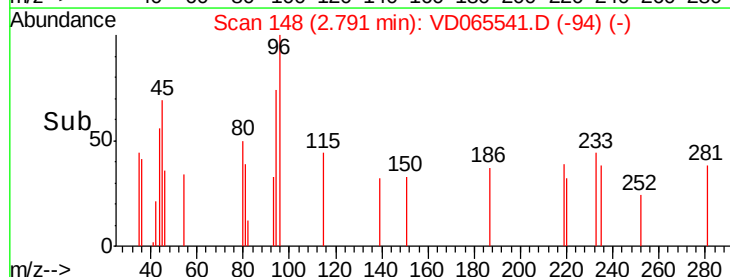


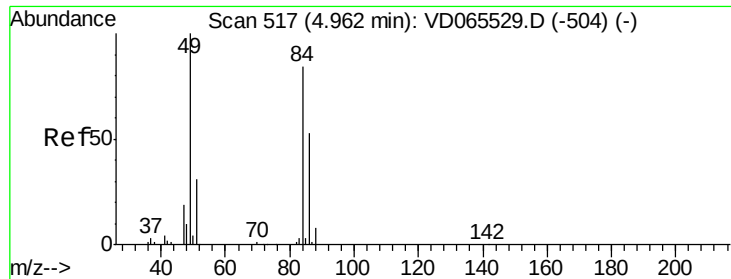
Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->

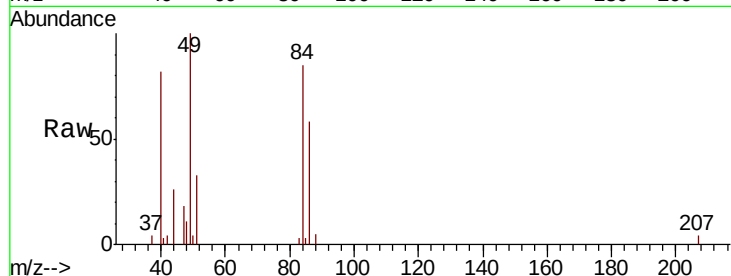




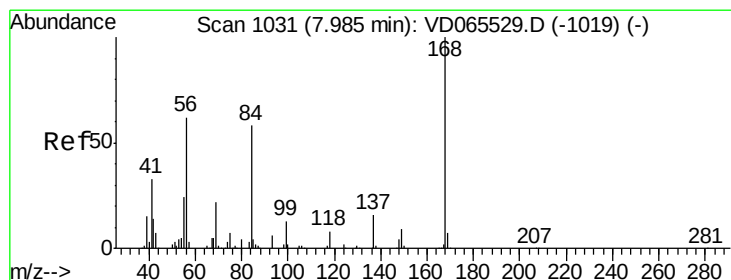
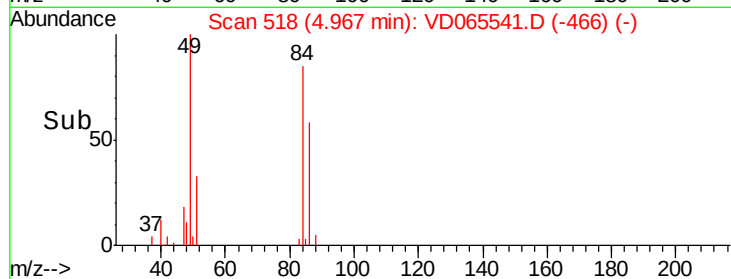
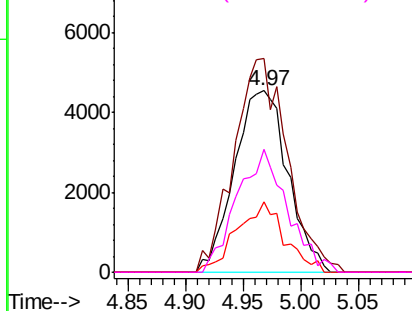
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065541.D
Acq: 27 Mar 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	84	Resp:	14665
Ion	Ratio	Lower	Upper
84	100		
49	117.7	95.6	143.4
51	39.1	29.4	44.2
86	67.8	50.6	76.0

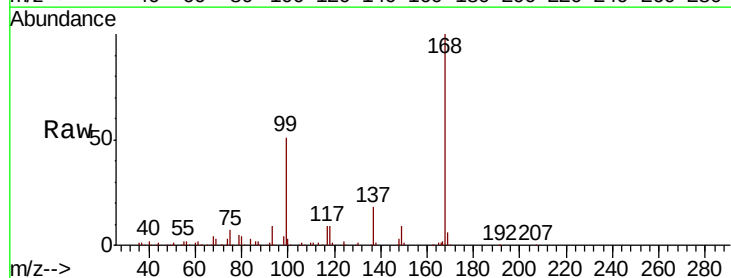


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

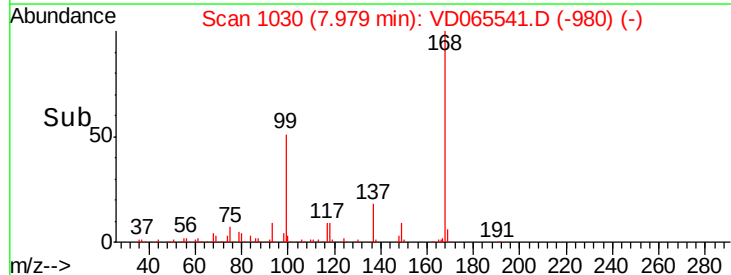
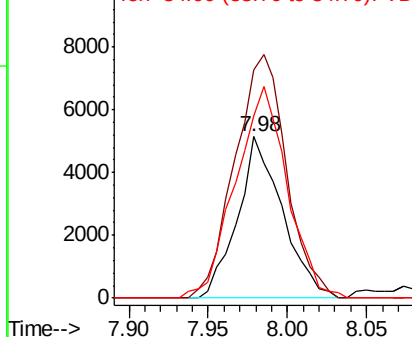


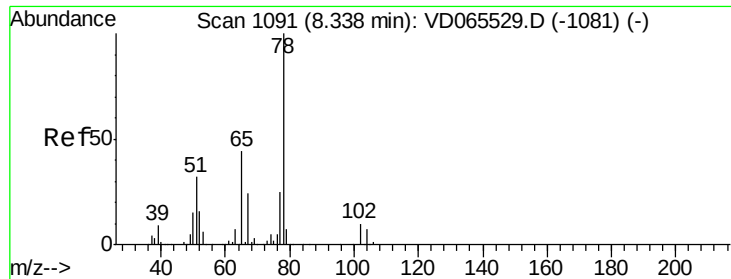
#31
Cyclohexane
Concen: 1.282 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065541.D
Acq: 27 Mar 2020 13:49

Tgt Ion:	56	Resp:	10108
Ion	Ratio	Lower	Upper
56	100		
69	141.6	28.2	42.4#
84	108.9	73.4	110.0



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

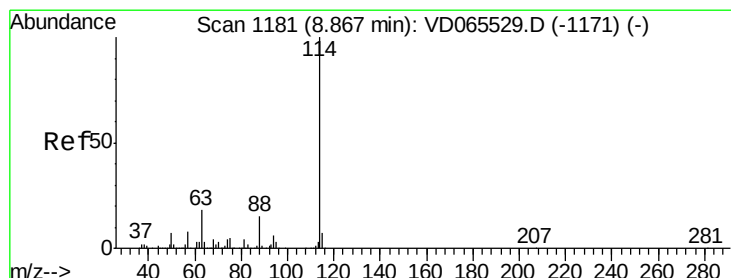
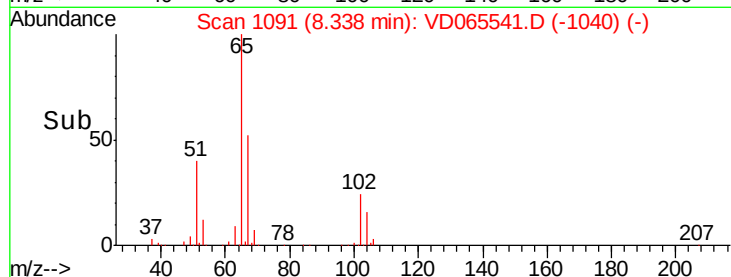
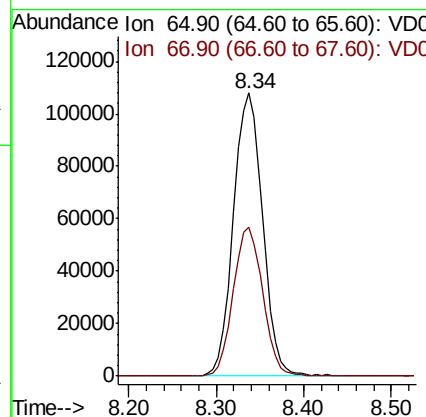
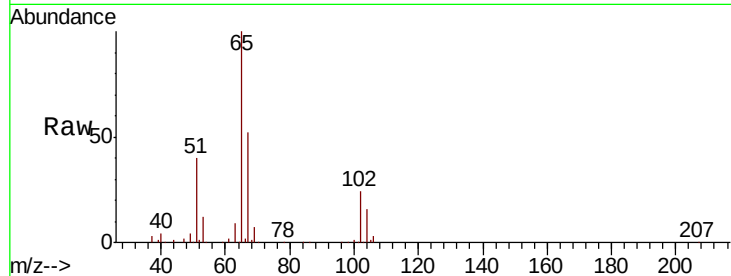




#33
 1,2-Dichloroethane-d4
 Concen: 58.296 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065541.D
 Acq: 27 Mar 2020 13:49

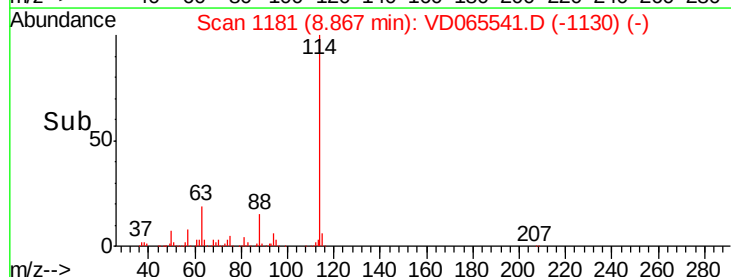
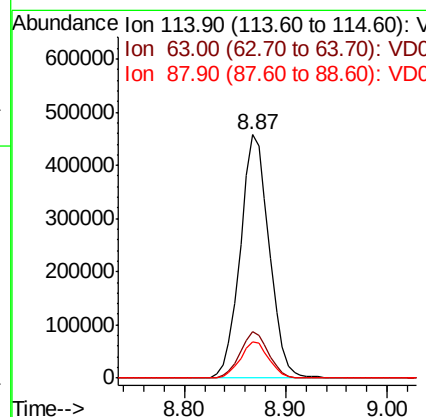
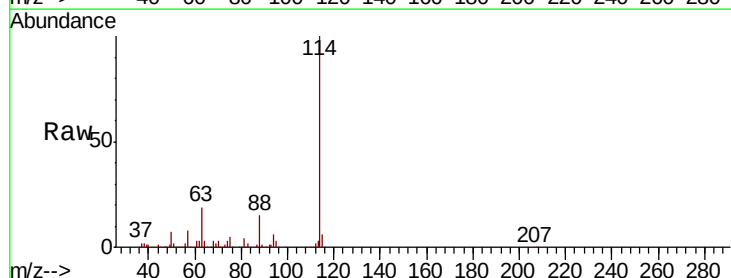
Instrument :
 MSVOA_D
 ClientSampleId :

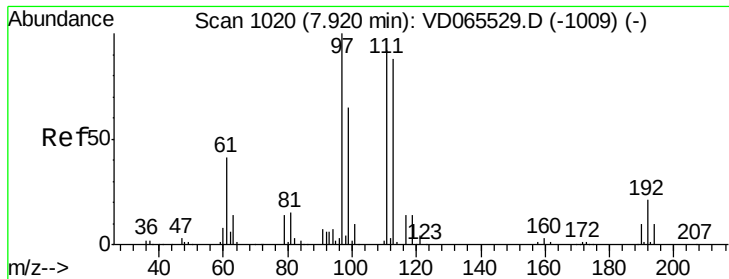
Tot Ion: 65 Resp: 244499
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065541.D
 Acq: 27 Mar 2020 13:49

Tgt Ion: 114 Resp: 905553
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.0
 88 14.8 0.0 30.4

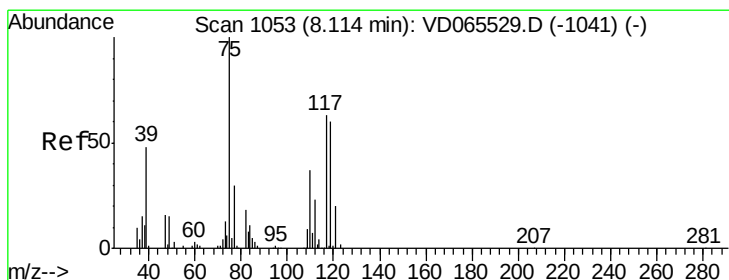
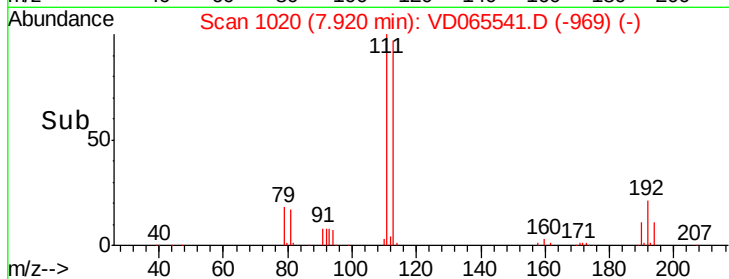
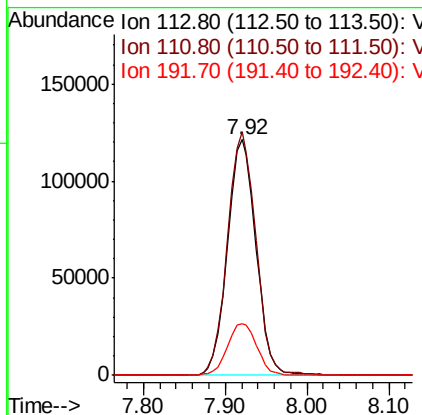
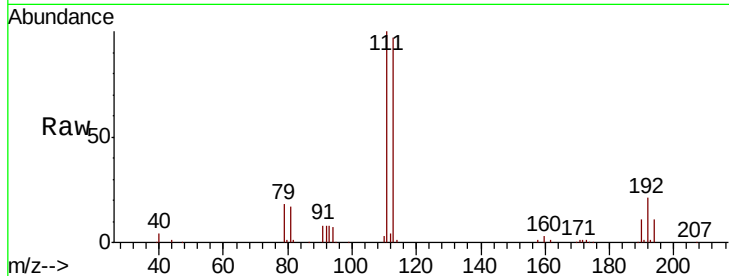




#35
 Dibromofluoromethane
 Concen: 52.663 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065541.D
 Acq: 27 Mar 2020 13:49

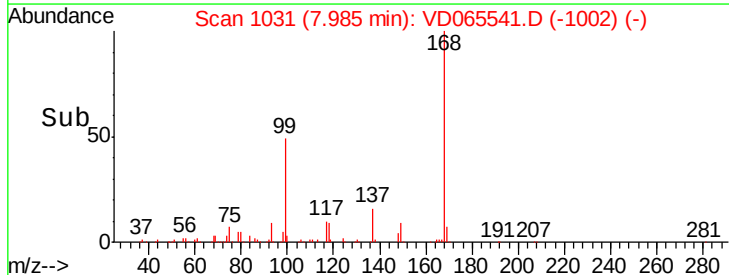
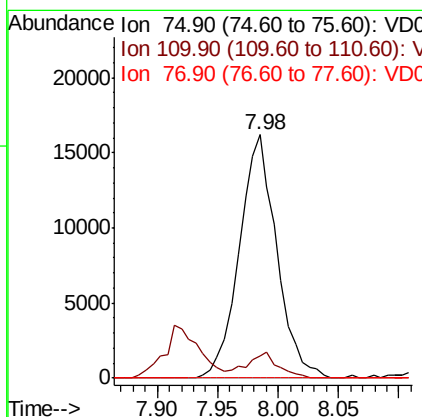
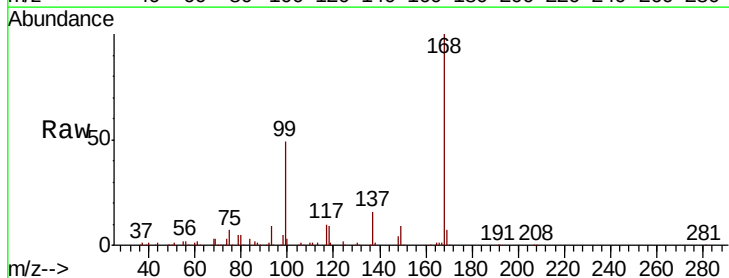
Instrument :
 MSVOA_D
 ClientSampleId :

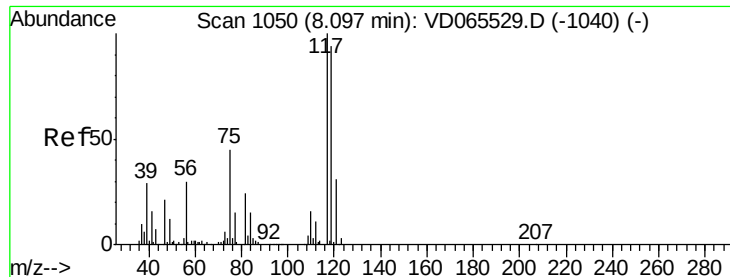
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.3	124.9
192	22.7	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 4.217 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065541.D
 Acq: 27 Mar 2020 13:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.8	56.4#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 5.412 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065541.D

Acq: 27 Mar 2020 13:49

Instrument :

MSVOA_D

ClientSampled :

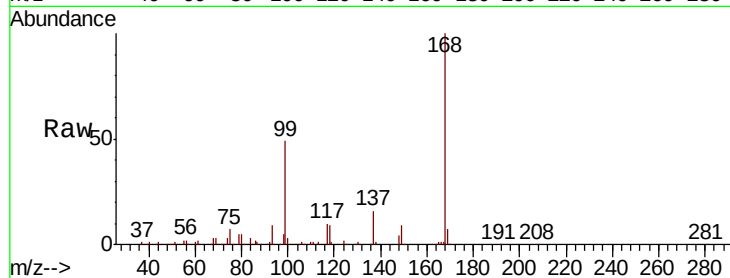
Tot Ion:117 Resp: 47164

Ion Ratio Lower Upper

117 100

119 5.3 75.2 112.8#

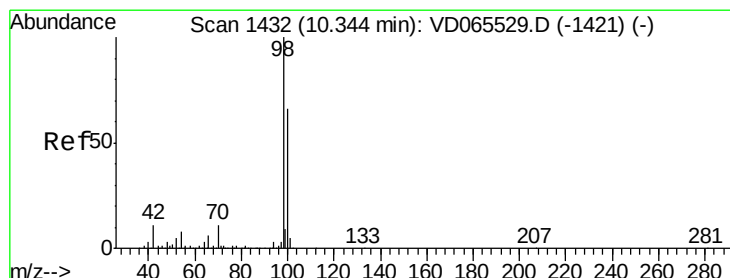
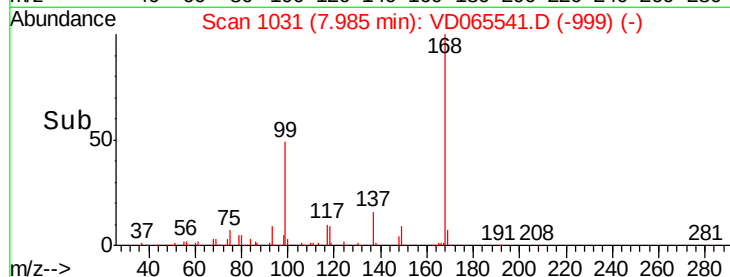
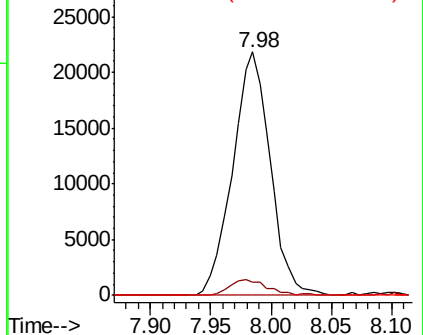
121 0.0 24.5 36.7#



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: 51.853 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065541.D

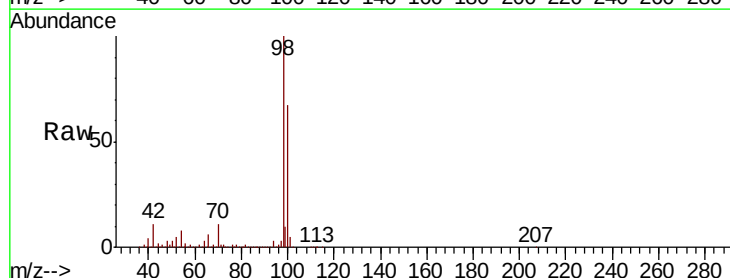
Acq: 27 Mar 2020 13:49

Tgt Ion: 98 Resp: 1088122

Ion Ratio Lower Upper

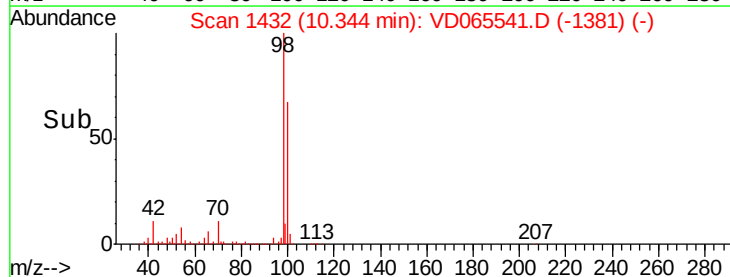
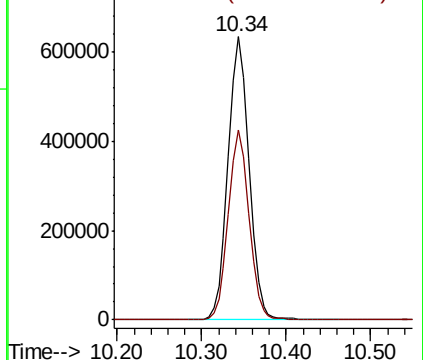
98 100

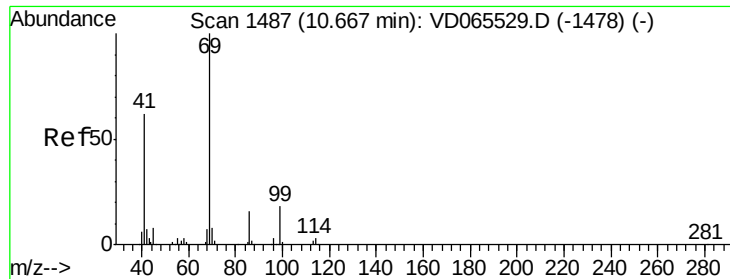
100 66.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

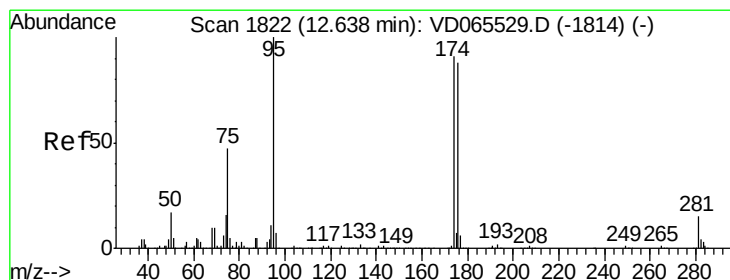
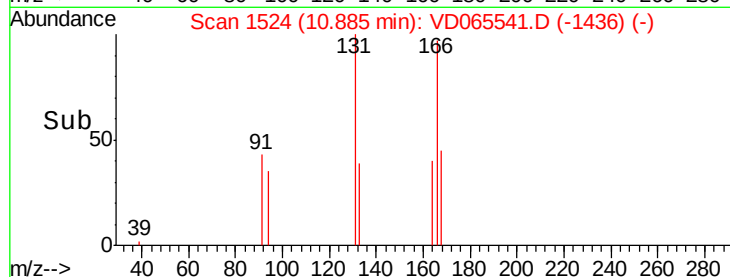
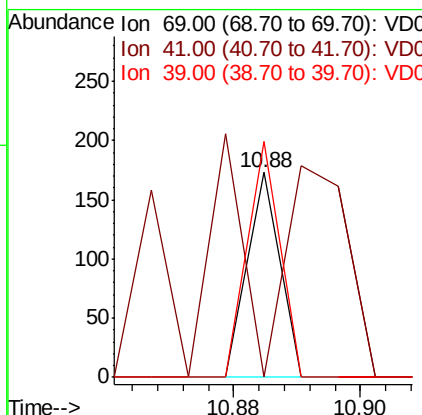
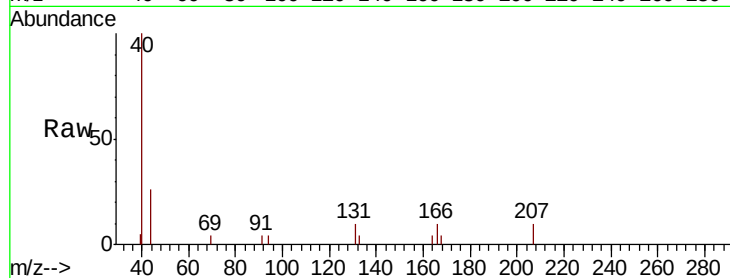




#56
Ethyl methacrylate
Concen: 3.303 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.22 min
Lab File: VD065541.D
Acq: 27 Mar 2020 13:49

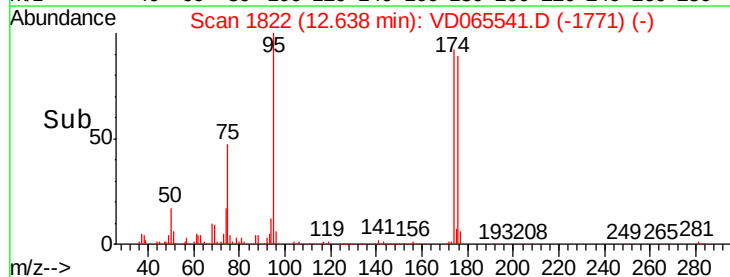
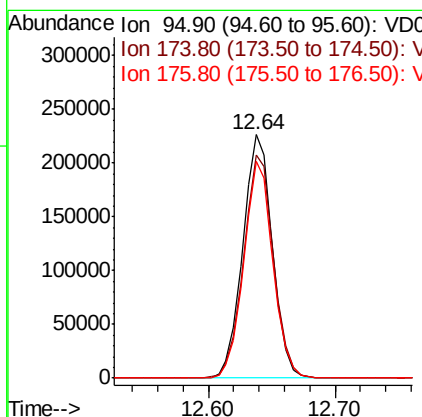
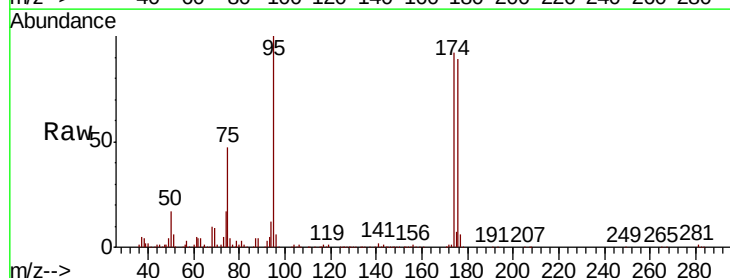
Instrument :
MSVOA_D
ClientSampled :

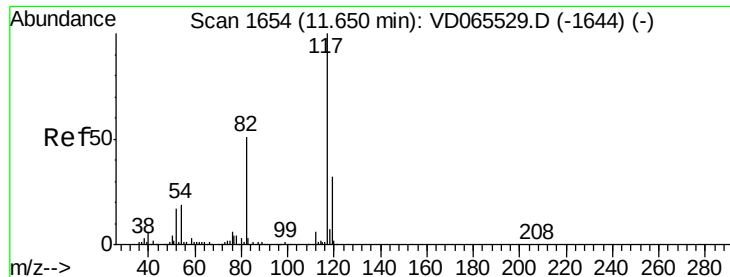
Tot Ion: 69 Resp: 61
Ion Ratio Lower Upper
69 100
41 196.7 51.3 76.9#
39 114.8 25.3 37.9#



#62
4-Bromofluorobenzene
Concen: 54.875 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065541.D
Acq: 27 Mar 2020 13:49

Tgt Ion: 95 Resp: 365484
Ion Ratio Lower Upper
95 100
174 93.1 0.0 183.8
176 88.1 0.0 178.2

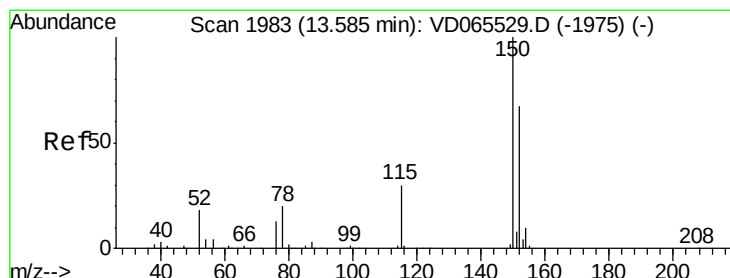
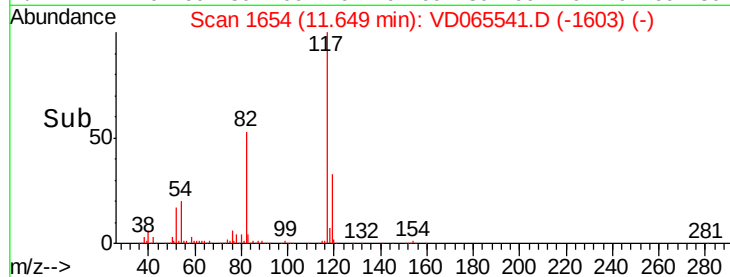
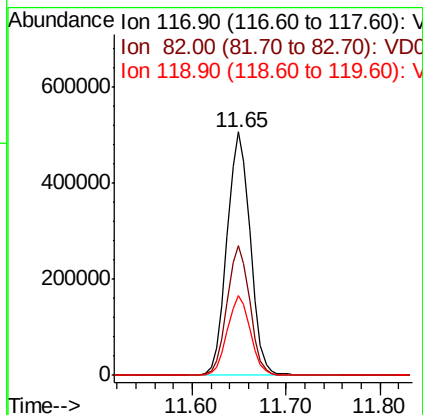
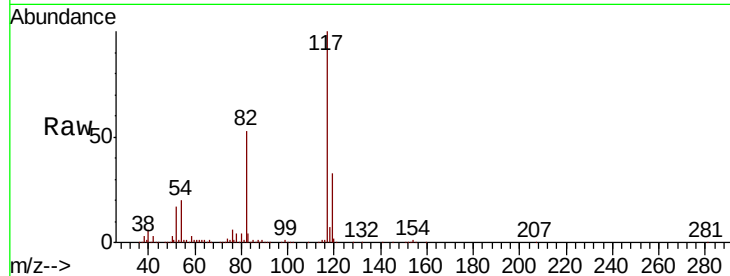




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065541.D
Acq: 27 Mar 2020 13:49

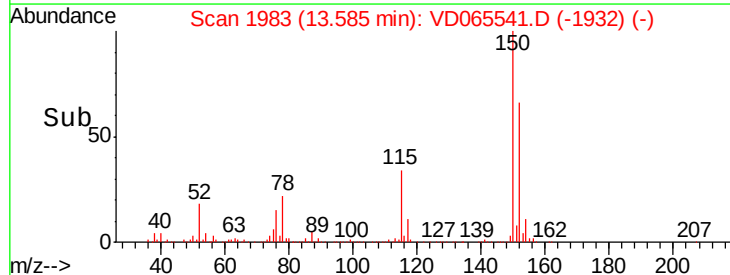
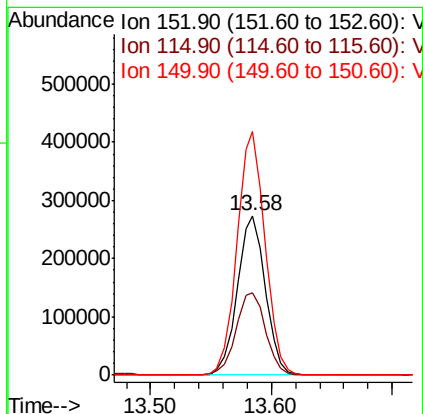
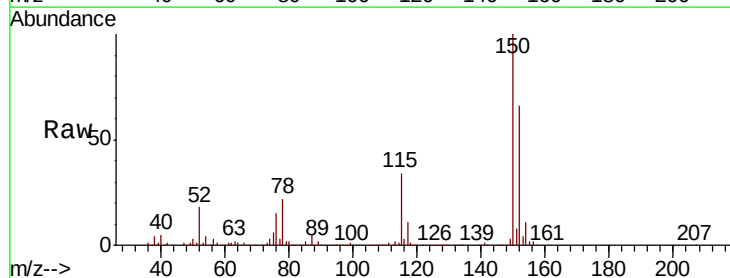
Instrument :
MSVOA_D
ClientSampleId :

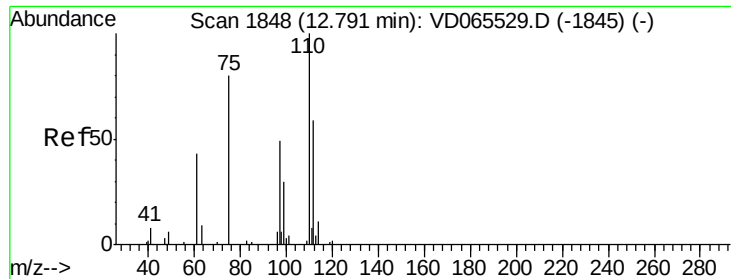
Tot Ion:117 Resp: 870478
Ion Ratio Lower Upper
117 100
82 53.0 41.0 61.6
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065541.D
Acq: 27 Mar 2020 13:49

Tgt Ion:152 Resp: 442760
Ion Ratio Lower Upper
152 100
115 54.6 27.2 81.6
150 151.8 0.0 340.2

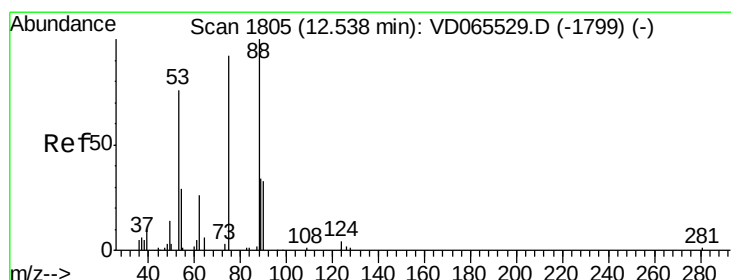
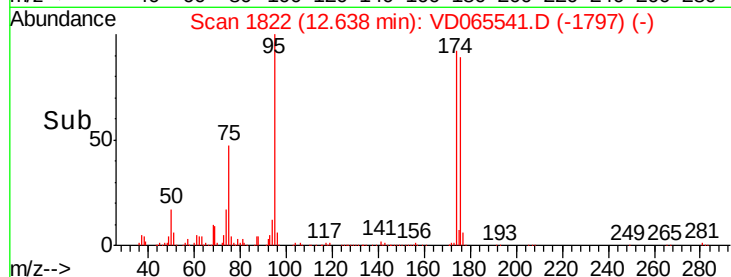
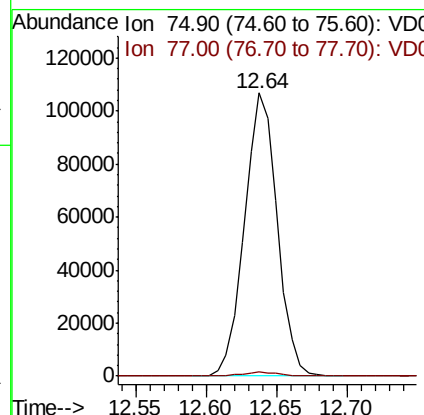
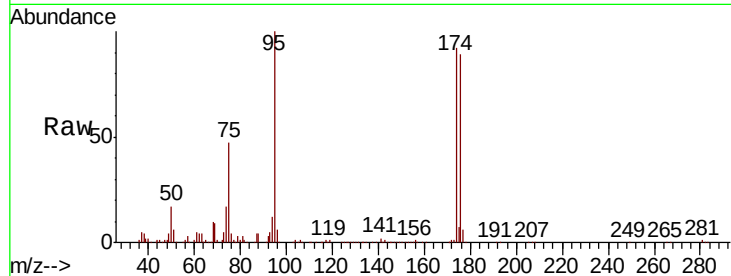




#76
 1,2,3-Trichloropropane
 Concen: 50.941 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD065541.D
 Acq: 27 Mar 2020 13:49

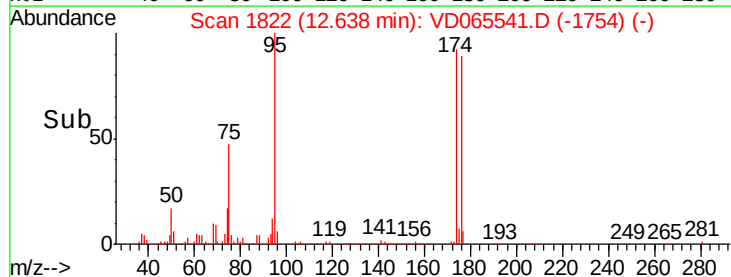
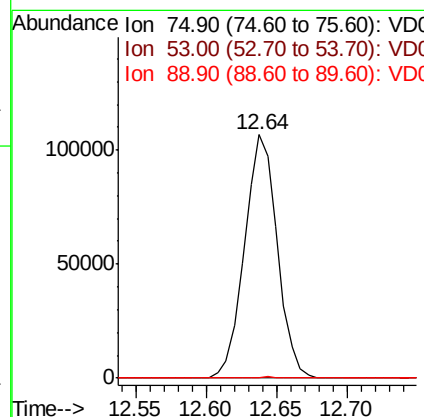
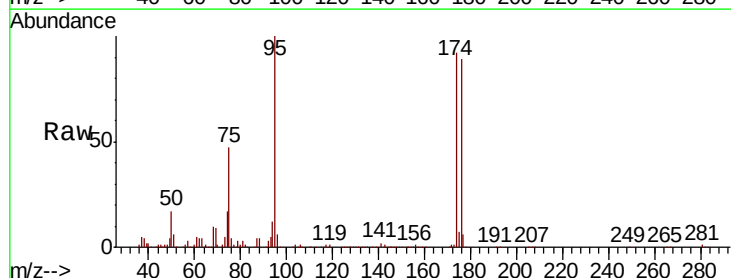
Instrument :
 MSVOA_D
 ClientSampleId :

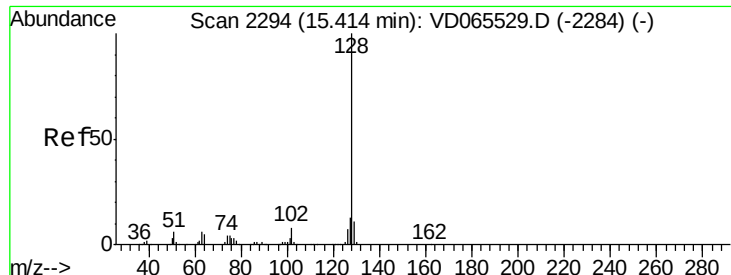
Tot Ion: 75 Resp: 173403
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.711 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD065541.D
 Acq: 27 Mar 2020 13:49

Tgt Ion: 75 Resp: 173403
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.4 108.6#
 89 0.1 36.9 55.3#





#95
Naphthalene
Concen: 4.492 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD065541.D
Acq: 27 Mar 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.4	15.6
129	27.5	8.7	13.1

