

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066425.D
 Acq On : 26 Aug 2020 17:22
 Operator : VA/SY
 Sample : L3799-02
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Aug 27 07:30:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	196727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	282831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	261417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	131511	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	110699	57.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	114.80%	
35) Dibromofluoromethane	7.91	113	87291	49.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.72%	
50) Toluene-d8	10.34	98	333033	51.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.63	95	112996	49.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.42%	

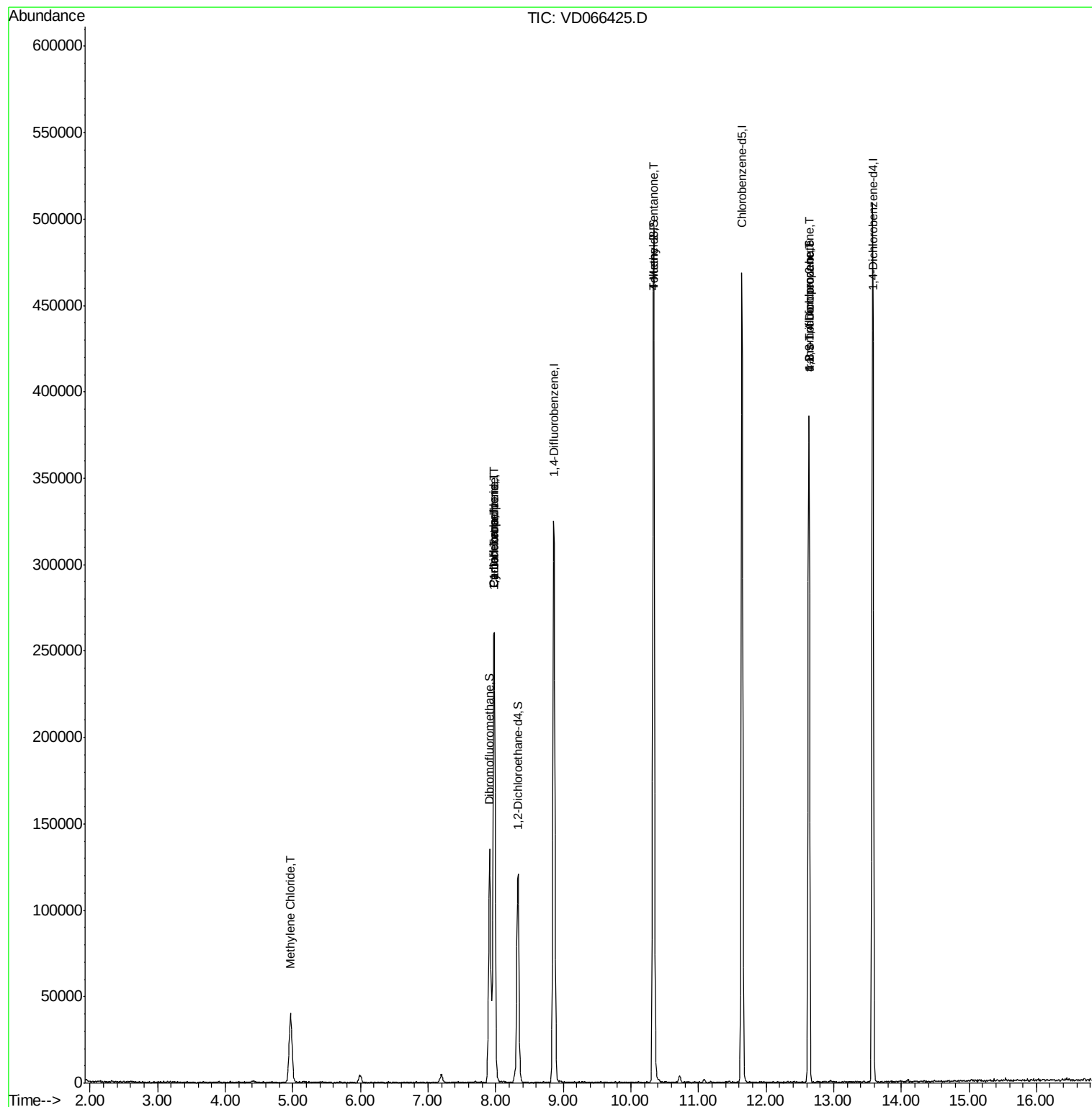
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	121	Below Cal	#	71
20) Methylene Chloride	4.97	84	29293	10.801	ug/l #	89
31) Cyclohexane	7.97	56	4621	1.726	ug/l #	25
36) 1,1-Dichloropropene	7.97	75	14250	5.522	ug/l #	48
38) Carbon Tetrachloride	7.97	117	20346	6.051	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	1469	1.724	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	66591	71.976	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	66591	152.781	ug/l #	6

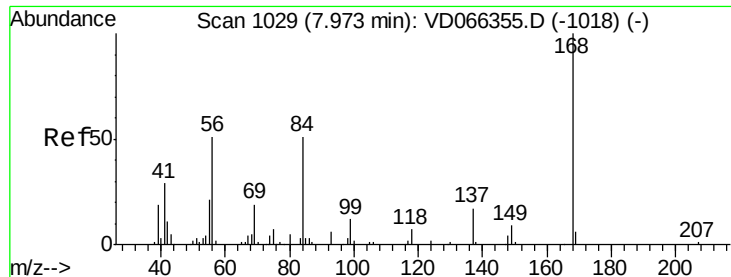
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082620\
Data File : VD066425.D
Acq On : 26 Aug 2020 17:22
Operator : VA/SY
Sample : L3799-02
Misc : 5.01G/5.00ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VOC

Quant Time: Aug 27 07:30:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066425.D

Acq: 26 Aug 2020 17:22

Instrument :

MSVOA_D

ClientSampleId :

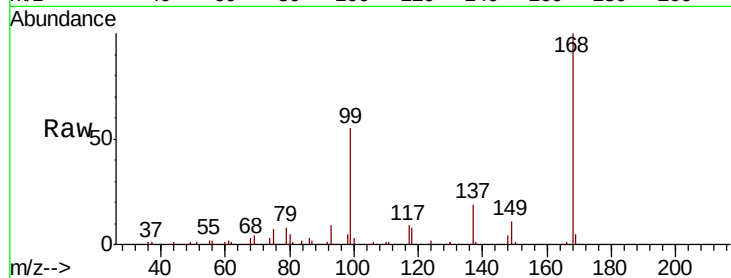
VOC

Tot Ion:168 Resp: 196727

Ion Ratio Lower Upper

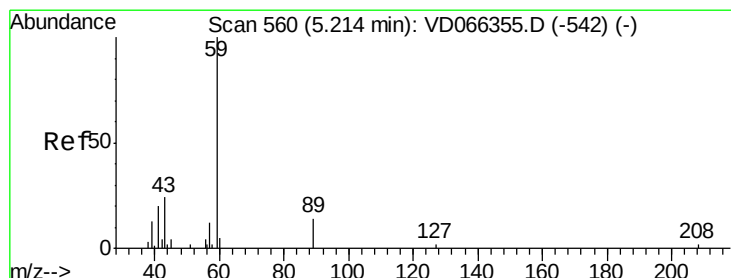
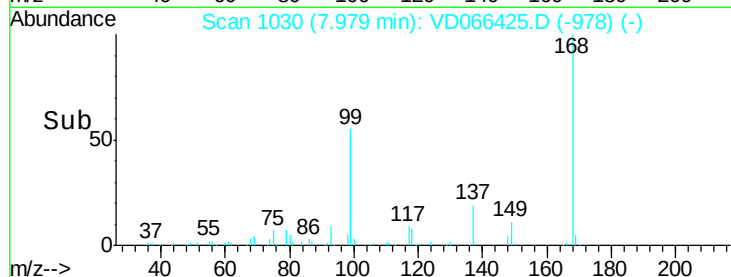
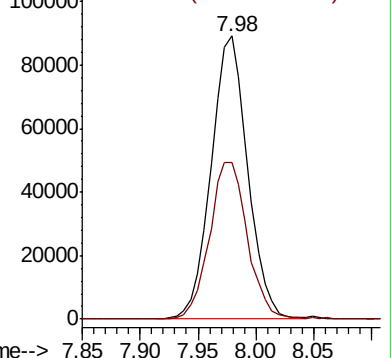
168 100

99 55.1 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 553

Delta R.T. -0.04 min

Lab File: VD066425.D

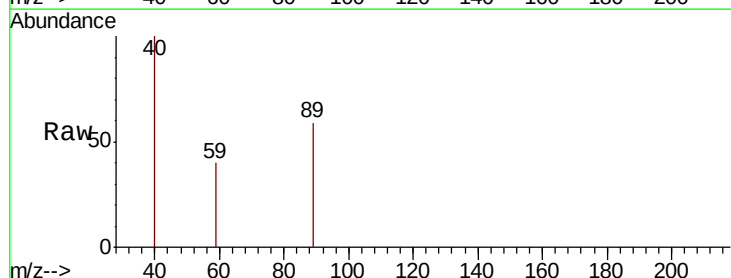
Acq: 26 Aug 2020 17:22

Tgt Ion: 59 Resp: 121

Ion Ratio Lower Upper

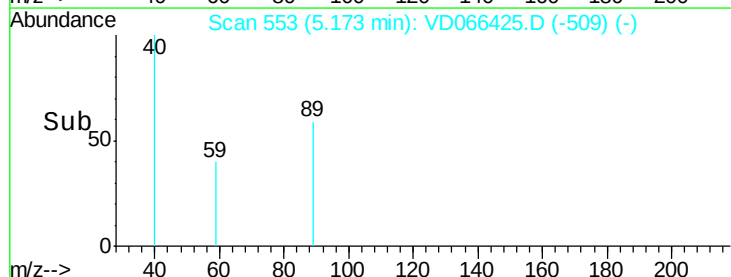
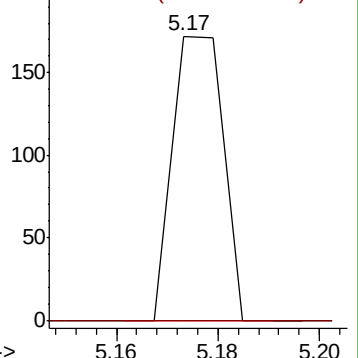
59 100

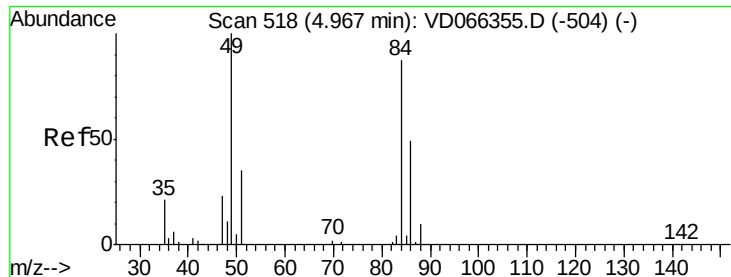
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

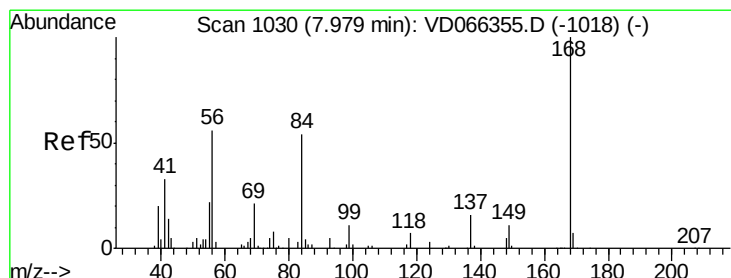
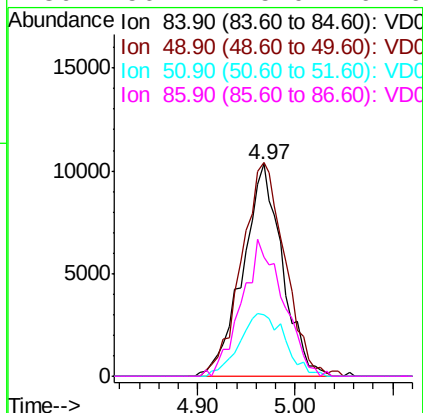
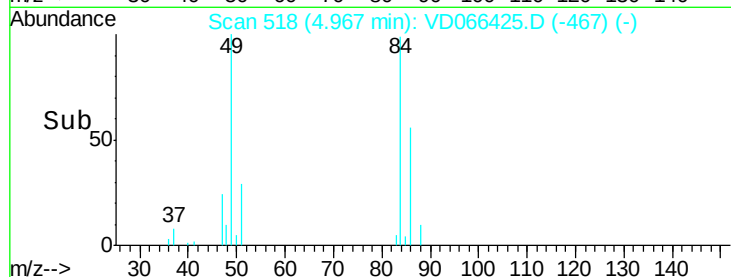
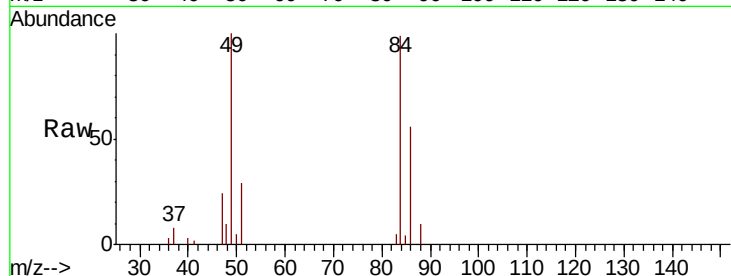




#20
Methylene Chloride
Concen: 10.801 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066425.D
Acq: 26 Aug 2020 17:22

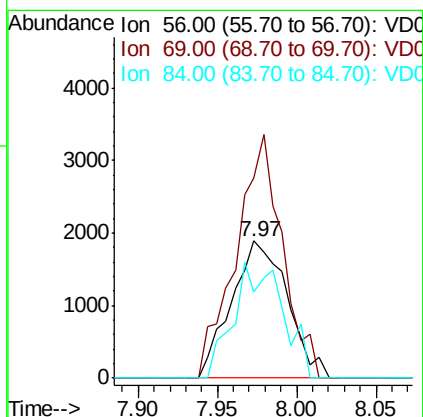
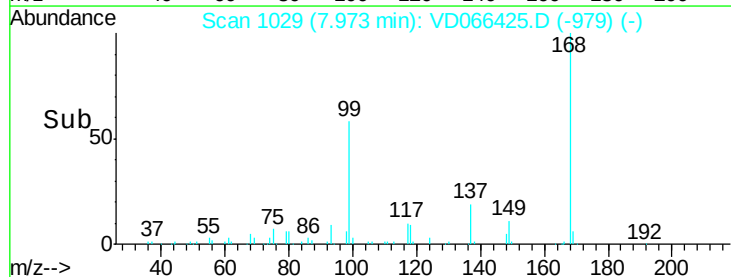
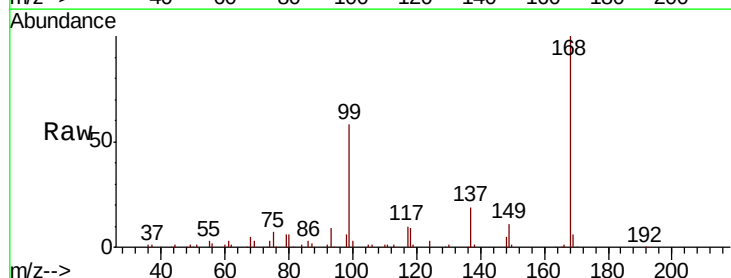
Instrument :
MSVOA_D
ClientSampleId :
VOC

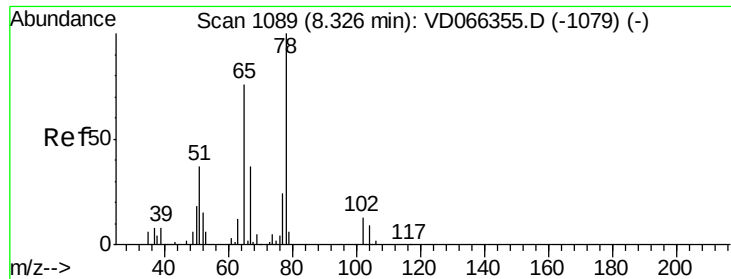
Tot Ion: 84 Resp: 29293
Ion Ratio Lower Upper
84 100
49 100.6 92.5 138.7
51 29.2 32.5 48.7#
86 56.2 45.0 67.6



#31
Cyclohexane
Concen: 1.726 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066425.D
Acq: 26 Aug 2020 17:22

Tgt Ion: 56 Resp: 4621
Ion Ratio Lower Upper
56 100
69 145.8 29.6 44.4#
84 62.6 76.6 115.0#

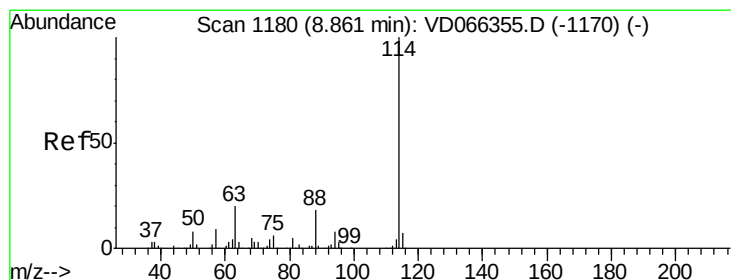
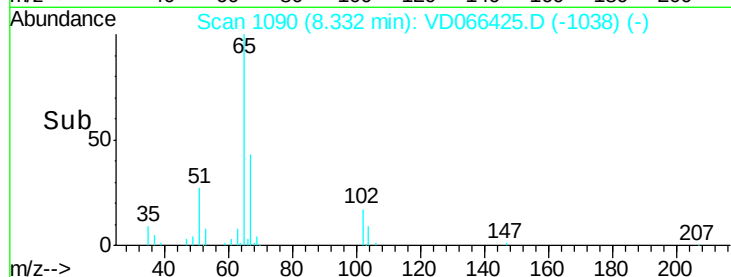
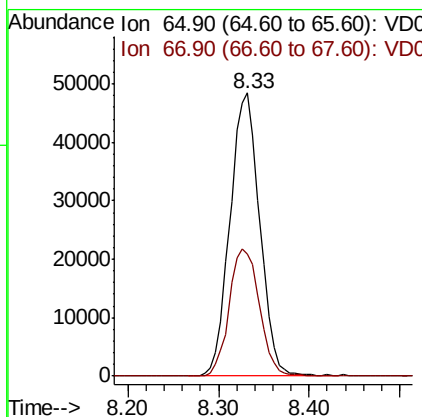
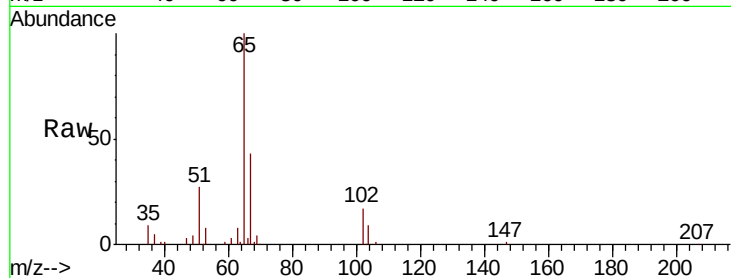




#33
 1,2-Dichloroethane-d4
 Concen: 57.396 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: VD066425.D
 Acq: 26 Aug 2020 17:22

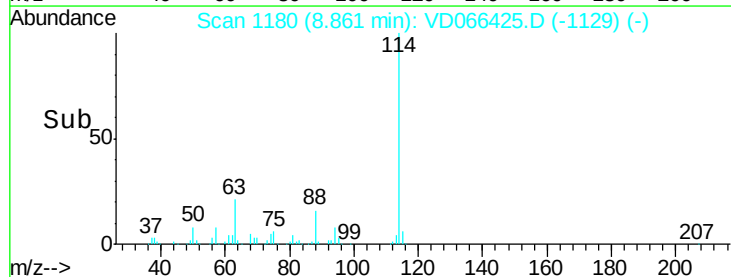
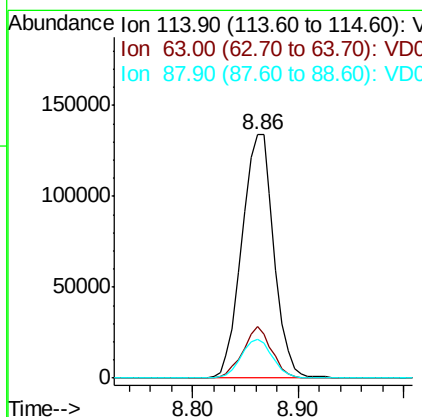
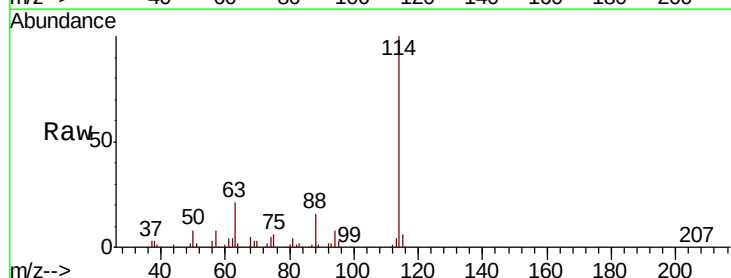
Instrument :
 MSVOA_D
 ClientSampled :
 VOC

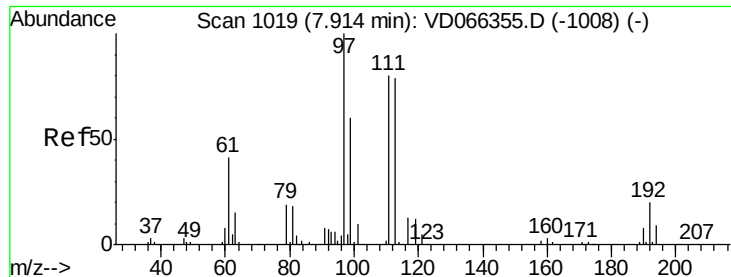
Tot Ion: 65 Resp: 110699
 Ion Ratio Lower Upper
 65 100
 67 45.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066425.D
 Acq: 26 Aug 2020 17:22

Tgt Ion: 114 Resp: 282831
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 16.2 0.0 35.4

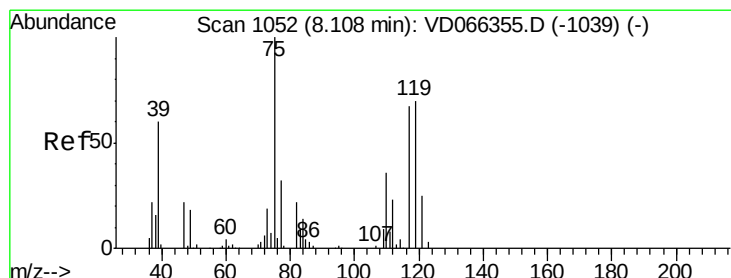
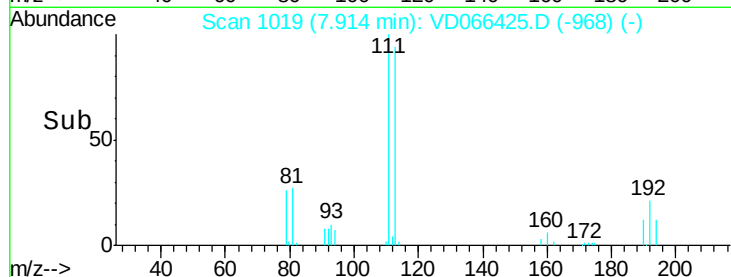
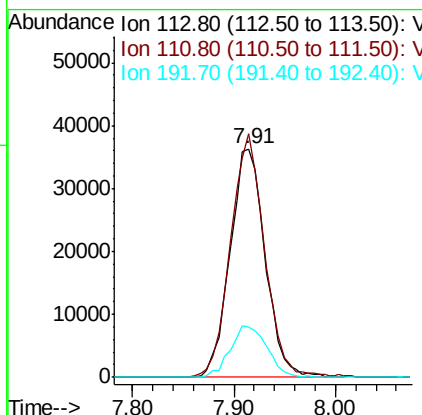
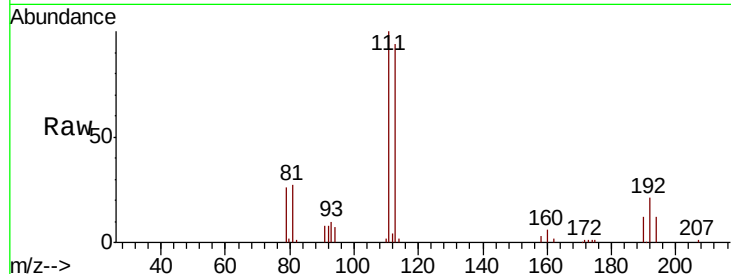




#35
 Dibromofluoromethane
 Concen: 49.357 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066425.D
 Acq: 26 Aug 2020 17:22

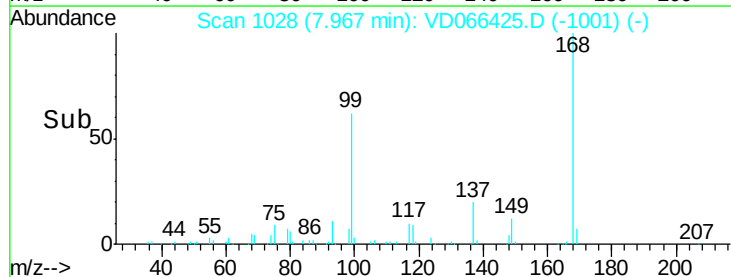
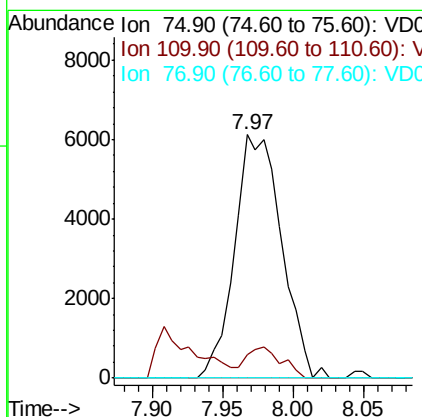
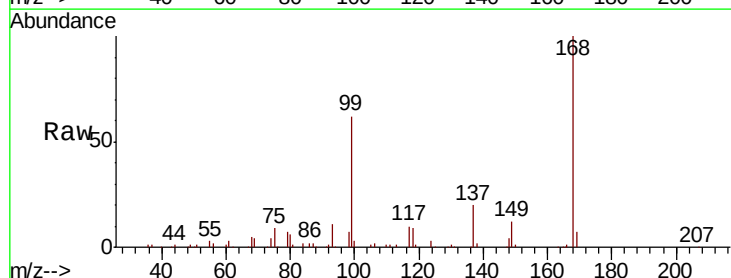
Instrument :
 MSVOA_D
 ClientSampleID :
 VOC

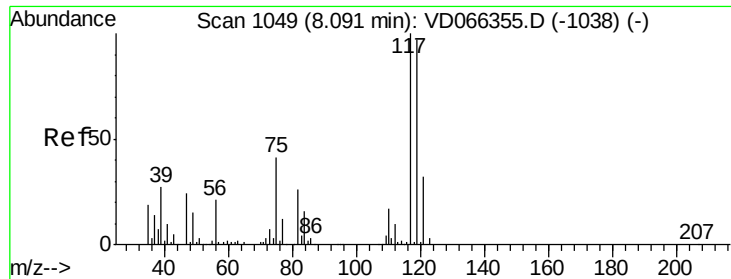
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.3	120.5
192	23.8	19.0	28.6



#36
 1,1-Dichloropropene
 Concen: 5.522 ug/l
 RT: 7.97 min Scan# 1028
 Delta R.T. -0.14 min
 Lab File: VD066425.D
 Acq: 26 Aug 2020 17:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.7	56.1#
77	0.0	25.2	37.8#

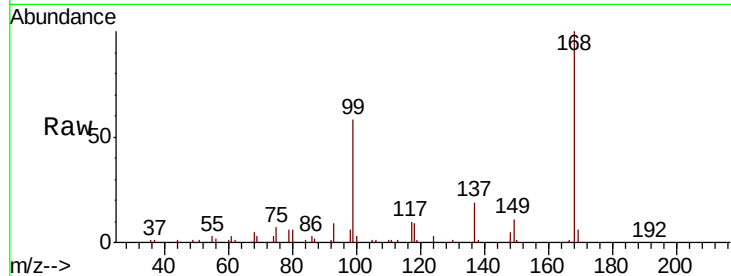




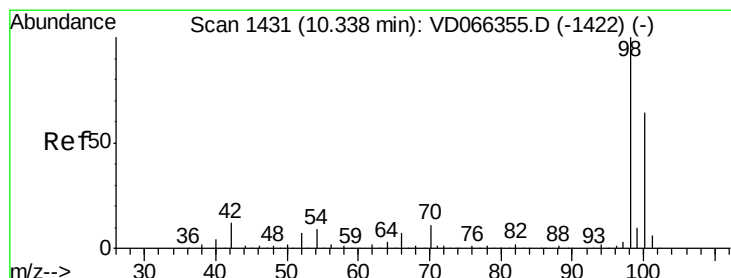
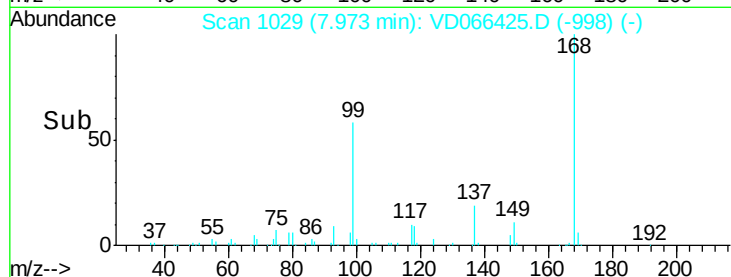
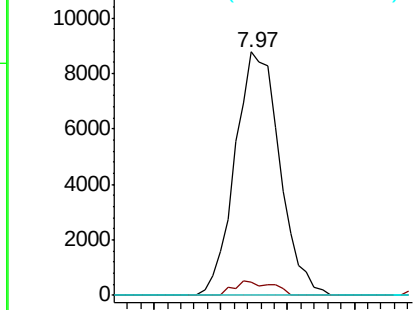
#38
Carbon Tetrachloride
Concen: 6.051 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066425.D
Acq: 26 Aug 2020 17:22

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tot Ion:117 Resp: 20346
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 25.8 38.8#

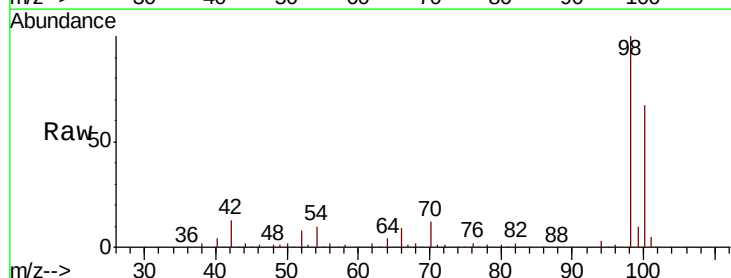


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

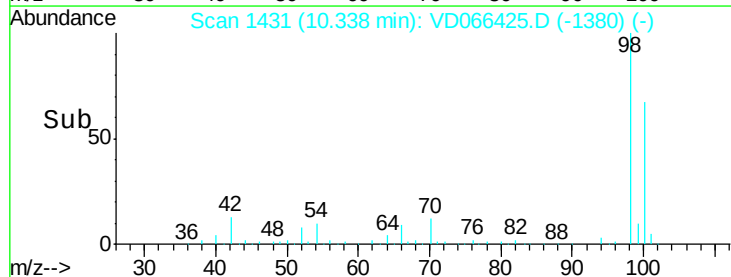
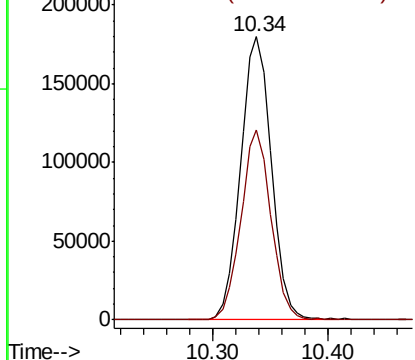


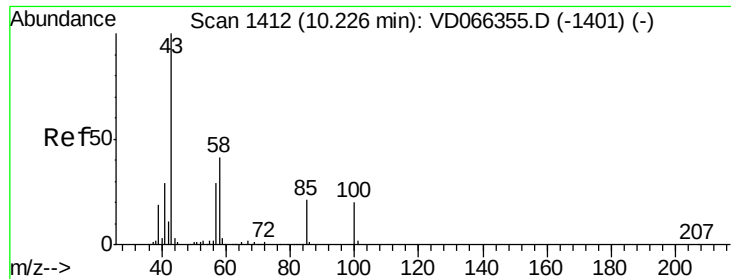
#50
Toluene-d8
Concen: 51.466 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066425.D
Acq: 26 Aug 2020 17:22

Tgt Ion: 98 Resp: 333033
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.724 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. 0.11 min

Lab File: VD066425.D

Acq: 26 Aug 2020 17:22

Instrument :

MSVOA_D

ClientSampleId :

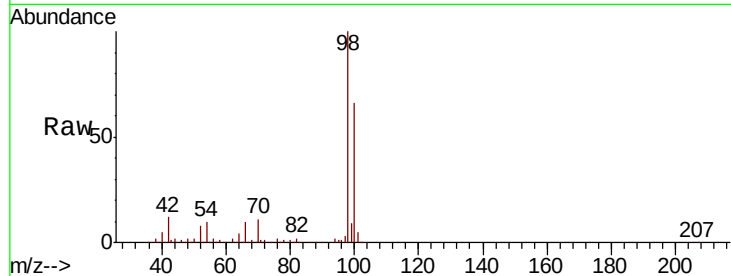
VOC

Tot Ion: 43 Resp: 1469

Ion Ratio Lower Upper

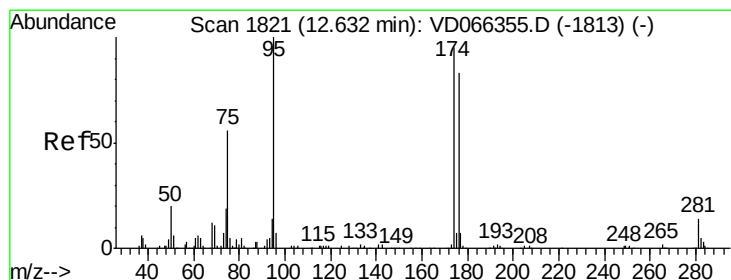
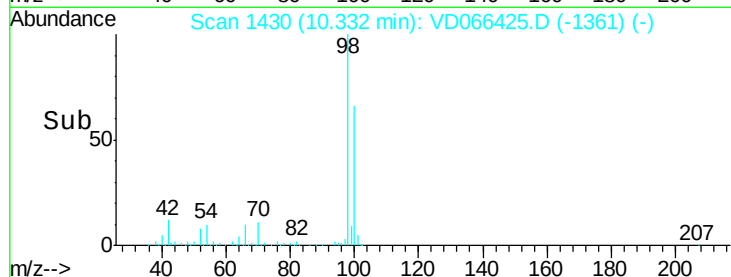
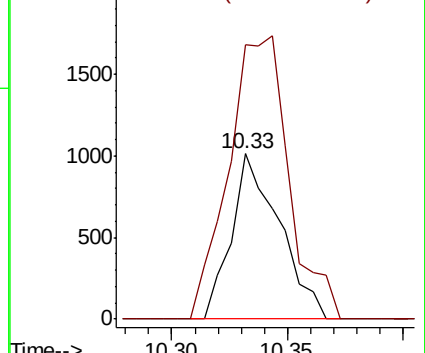
43 100

58 214.8 31.4 47.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 49.211 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066425.D

Acq: 26 Aug 2020 17:22

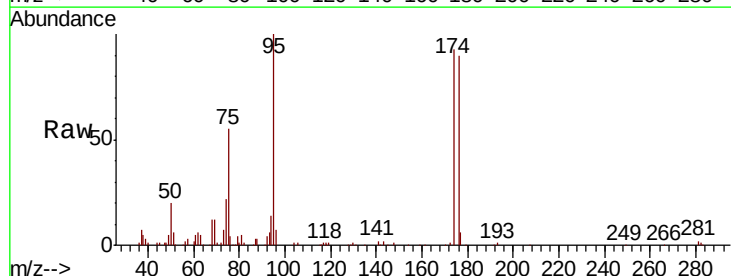
Tgt Ion: 95 Resp: 112996

Ion Ratio Lower Upper

95 100

174 96.0 0.0 183.4

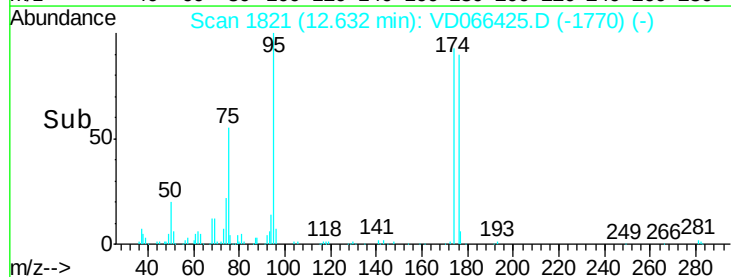
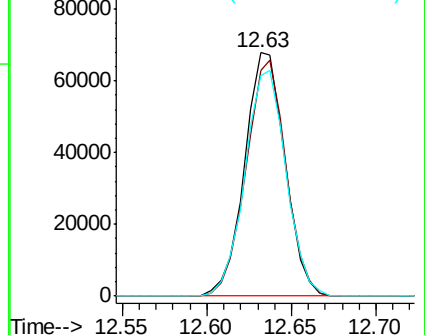
176 94.7 0.0 173.8

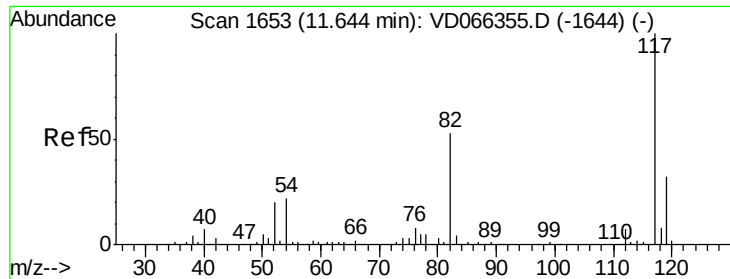


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

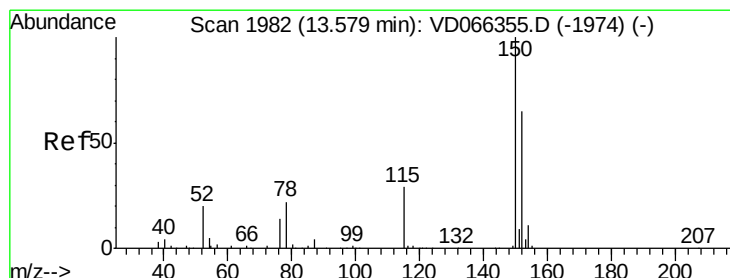
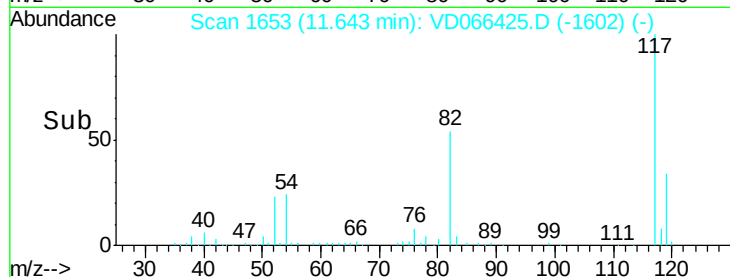
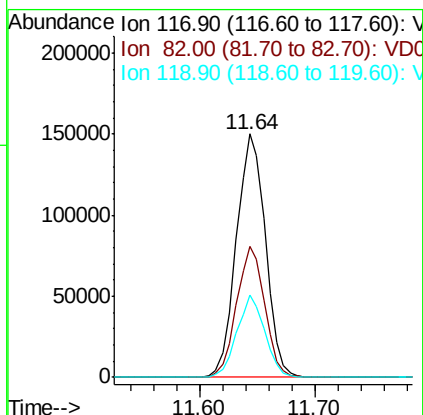
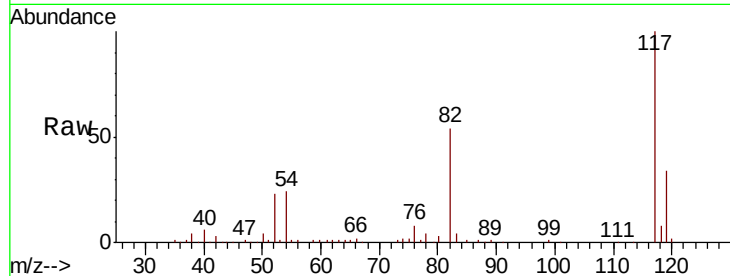




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066425.D
Acq: 26 Aug 2020 17:22

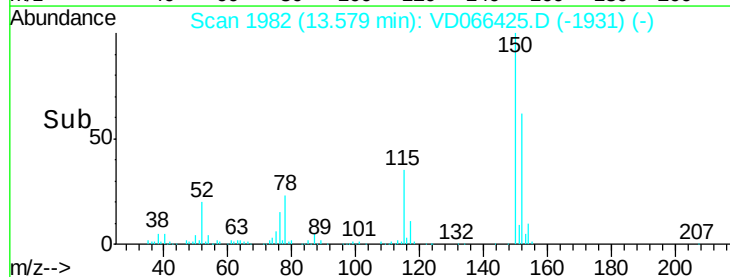
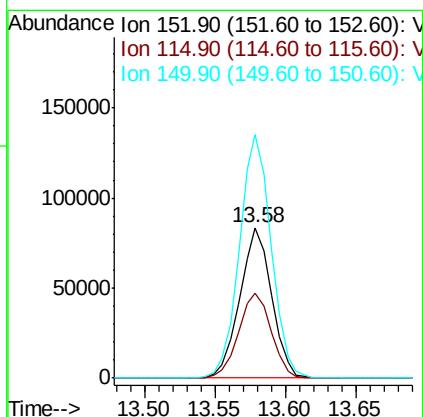
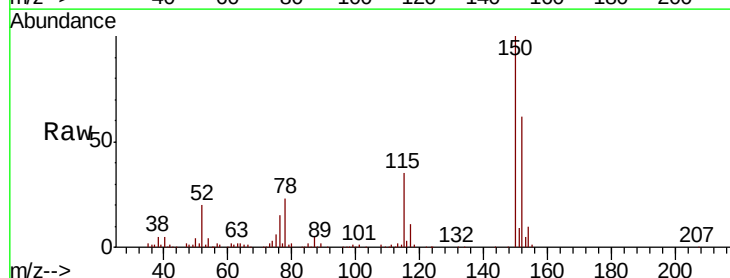
Instrument :
MSVOA_D
ClientSampled :
VOC

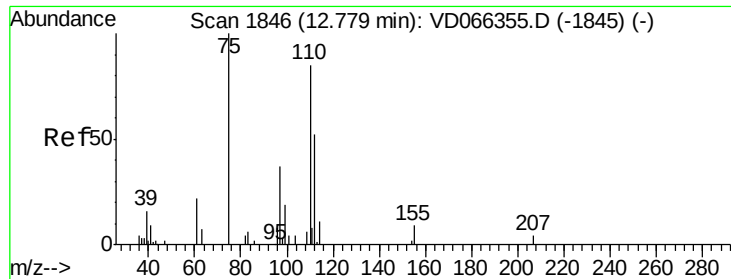
Tot Ion:117 Resp: 261417
Ion Ratio Lower Upper
117 100
82 53.6 42.8 64.2
119 33.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066425.D
Acq: 26 Aug 2020 17:22

Tgt Ion:152 Resp: 131511
Ion Ratio Lower Upper
152 100
115 57.7 28.3 85.0
150 160.9 0.0 343.2

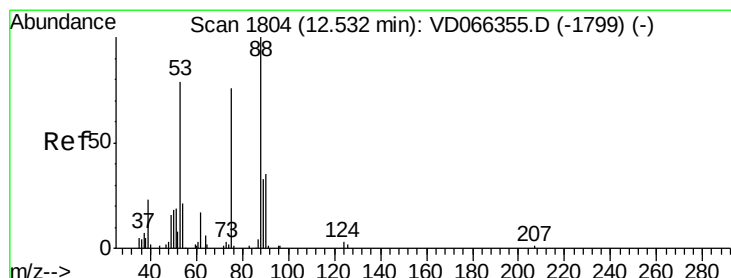
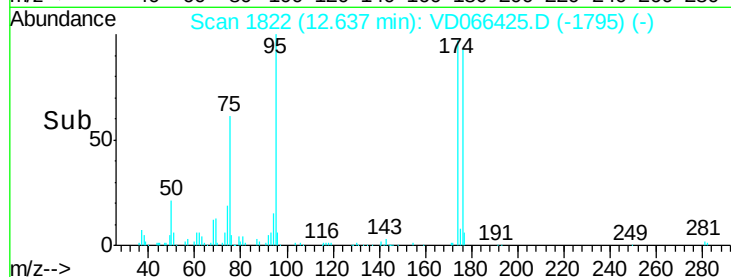
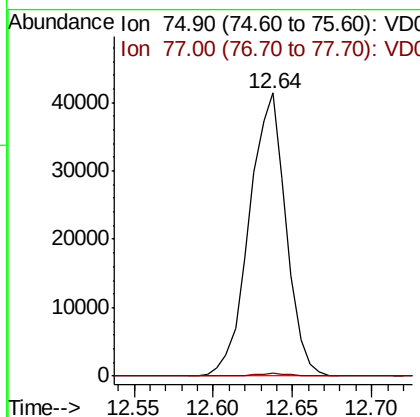
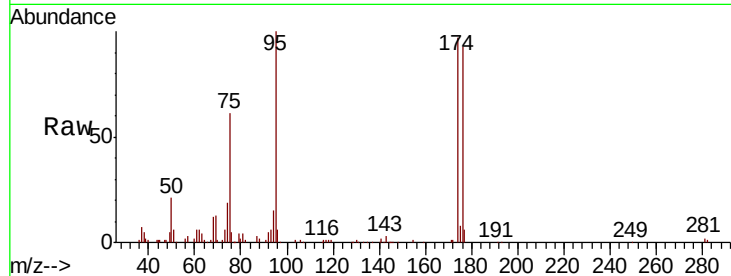




#76
 1,2,3-Trichloropropane
 Concen: 71.976 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.14 min
 Lab File: VD066425.D
 Acq: 26 Aug 2020 17:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Tot Ion: 75 Resp: 66591
 Ion Ratio Lower Upper
 75 100
 77 0.7 182.9 548.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.781 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD066425.D
 Acq: 26 Aug 2020 17:22

Tgt Ion: 75 Resp: 66591
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.4 131.2#
 89 0.0 39.4 59.0#

