

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082720\
 Data File : VD066430.D
 Acq On : 27 Aug 2020 12:05
 Operator : VA/SY
 Sample : VD0827SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBL01

Quant Time: Aug 27 18:00:11 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	7.97	168	214464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	305292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	273941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142741	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	112683	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
35) Dibromofluoromethane	7.91	113	93290	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	10.34	98	348148	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.63	95	121243	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	

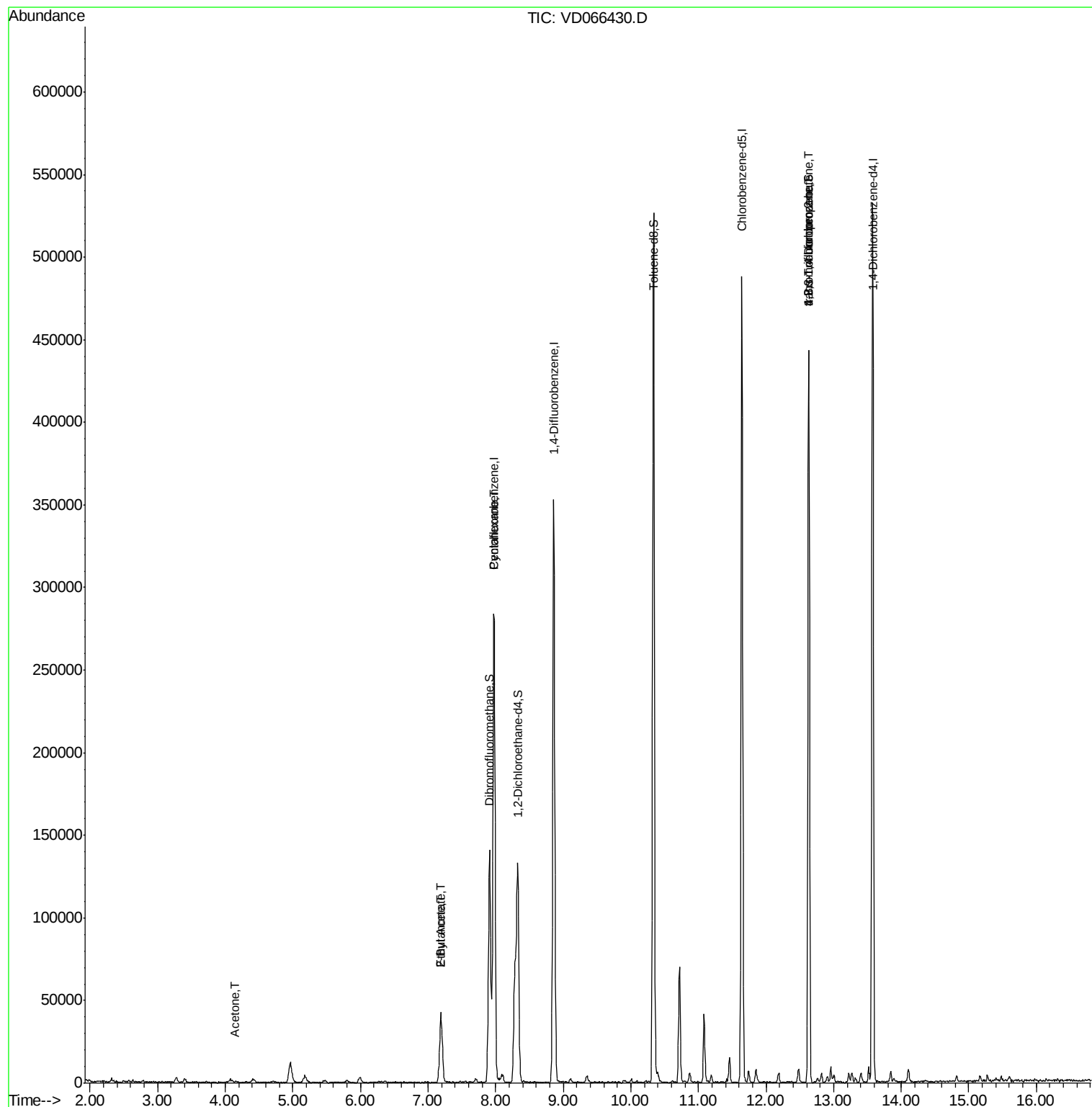
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	3529	Below Cal	#	71
16) Acetone	4.16	43	877	2.314	ug/l #	46
20) Methylene Chloride	4.96	84	9192	Below Cal	#	72
25) 2-Butanone	7.19	43	2278	5.294	ug/l #	47
31) Cyclohexane	7.98	56	5397	1.849	ug/l #	34
37) Ethyl Acetate	7.19	43	2278	2.404	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	72333	72.031	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	72333	152.899	ug/l #	6

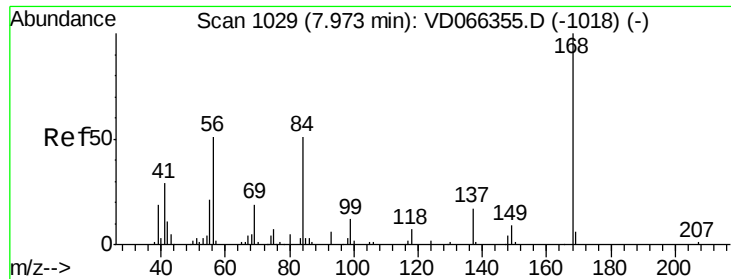
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082720\
Data File : VD066430.D
Acq On : 27 Aug 2020 12:05
Operator : VA/SY
Sample : VD0827SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0827SBL01

Quant Time: Aug 27 18:00:11 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: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066430.D

Acq: 27 Aug 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

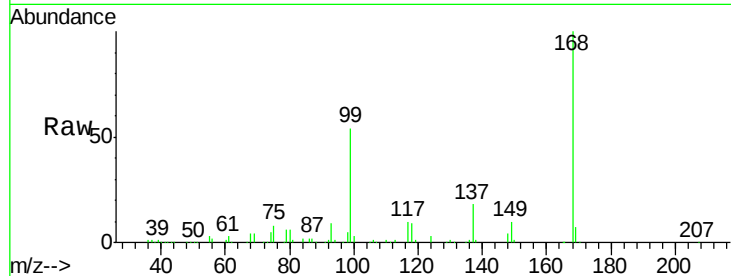
VD0827SBL01

Tgt Ion:168 Resp: 214464

Ion Ratio Lower Upper

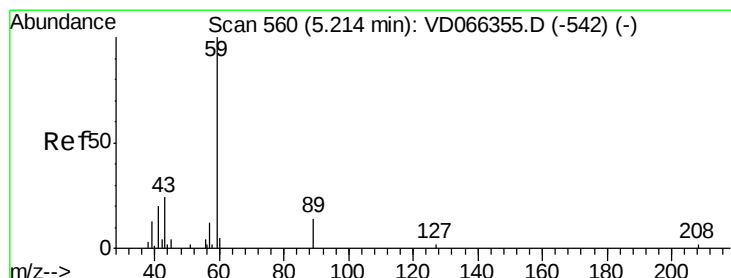
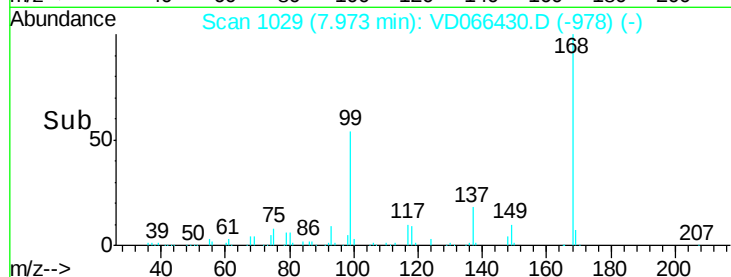
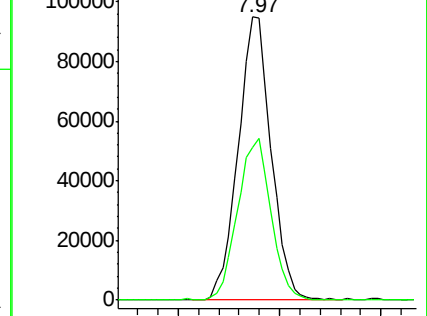
168 100

99 53.8 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: 5.19 min Scan# 555

Delta R.T. -0.03 min

Lab File: VD066430.D

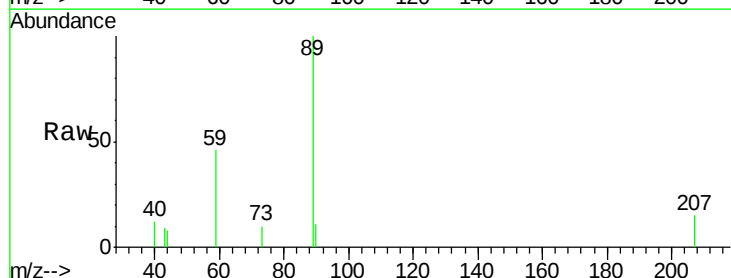
Acq: 27 Aug 2020 12:05

Tgt Ion: 59 Resp: 3529

Ion Ratio Lower Upper

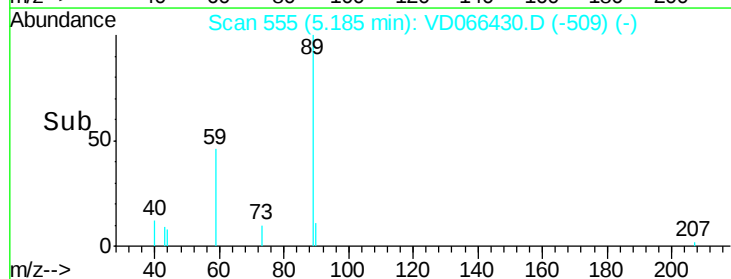
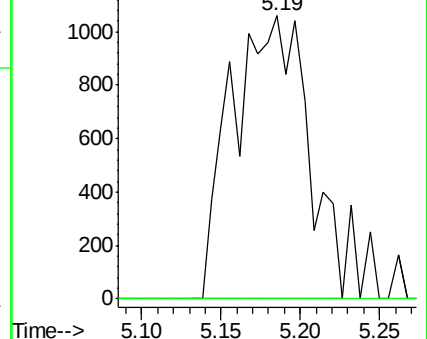
59 100

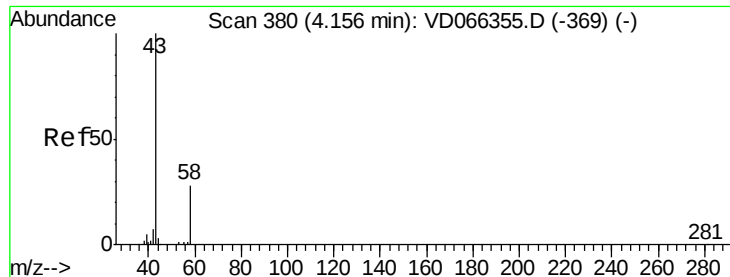
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 2.314 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066430.D

Acq: 27 Aug 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

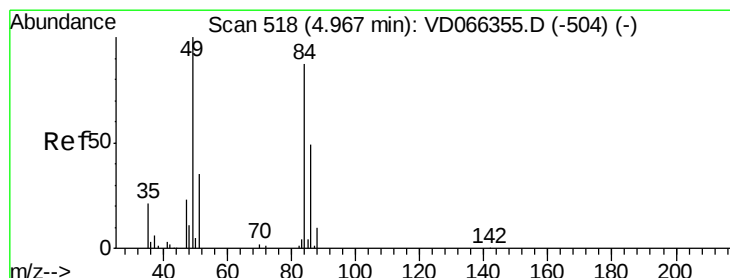
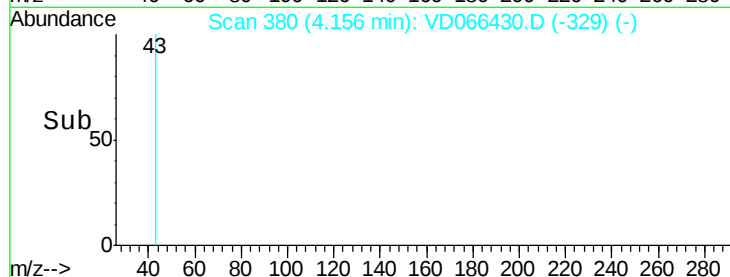
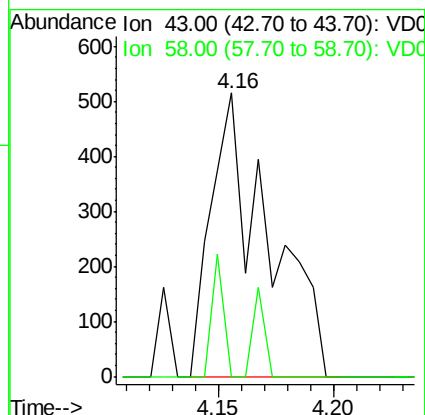
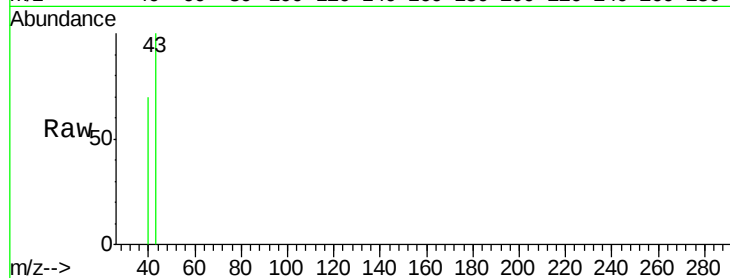
VD0827SBL01

Tgt Ion: 43 Resp: 877

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066430.D

Acq: 27 Aug 2020 12:05

Tgt Ion: 84 Resp: 9192

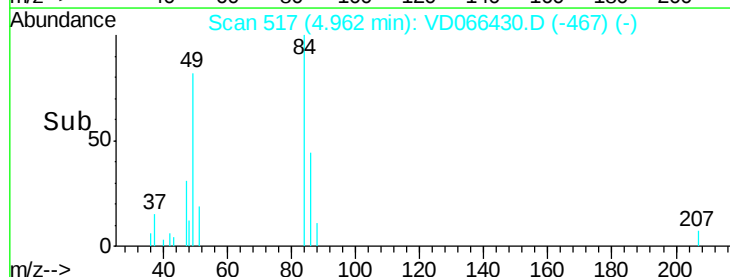
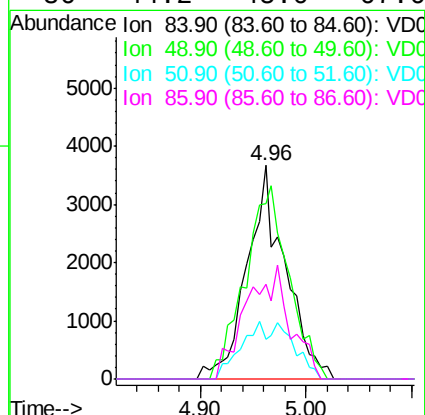
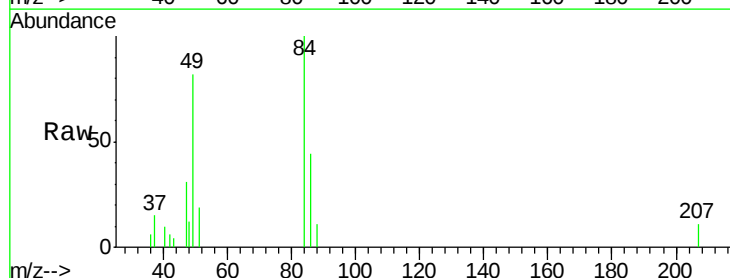
Ion Ratio Lower Upper

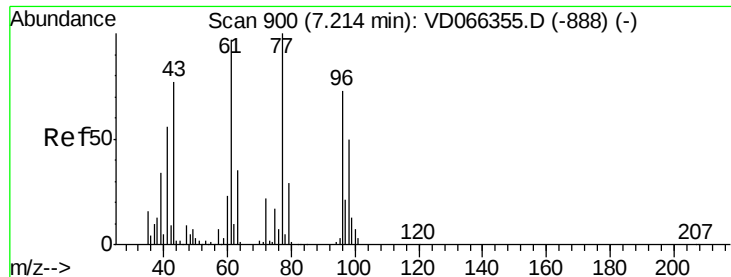
84 100

49 82.2 92.5 138.7#

51 18.8 32.5 48.7#

86 44.2 45.0 67.6#

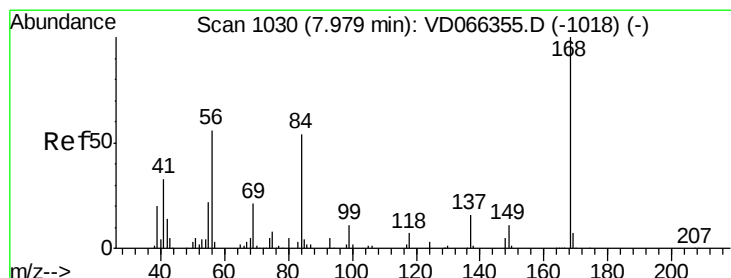
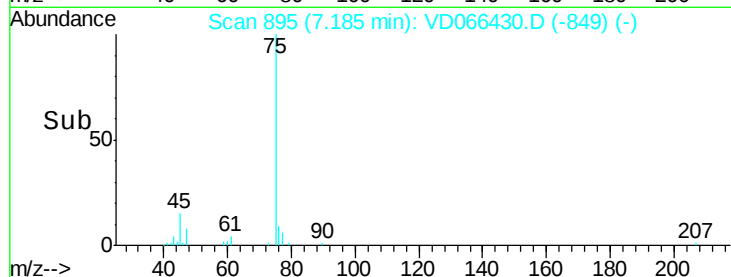
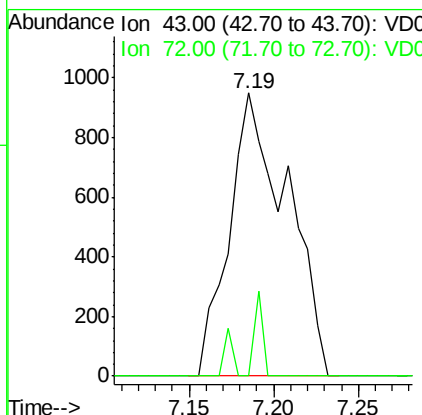
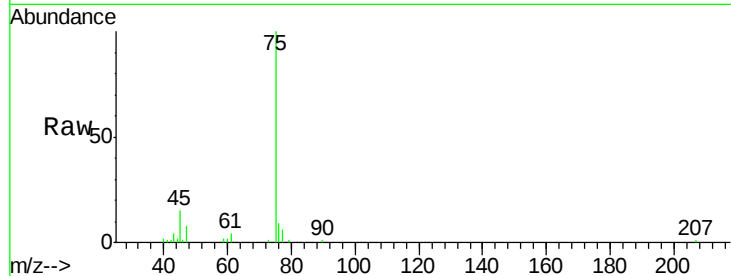




#25
2-Butanone
Concen: 5.294 ug/l
RT: 7.19 min Scan# 895
Delta R.T. -0.03 min
Lab File: VD066430.D
Acq: 27 Aug 2020 12:05

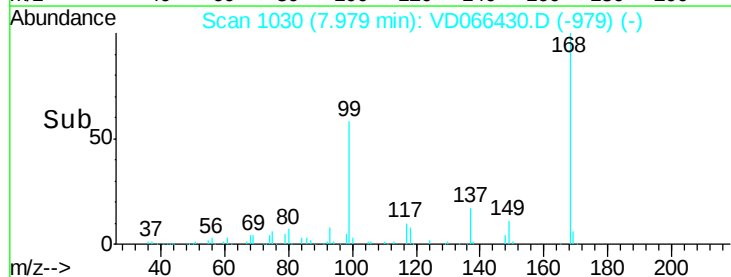
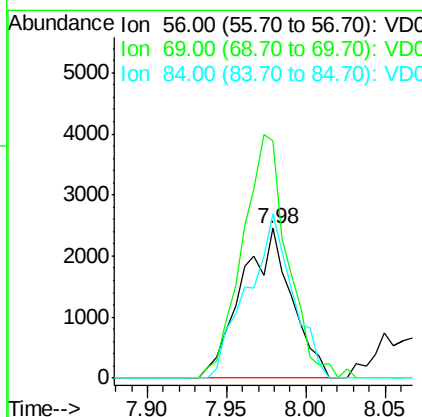
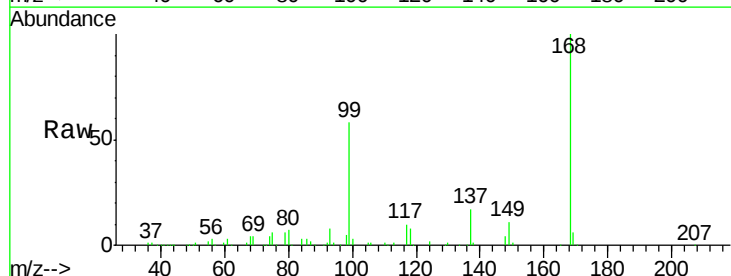
Instrument :
MSVOA_D
ClientSampleId :
VD0827SBL01

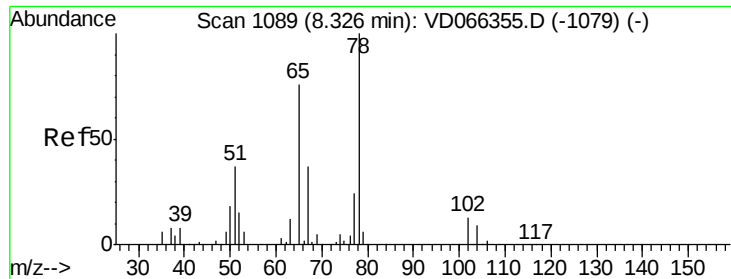
Tgt Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
72 0.0 22.5 33.7#



#31
Cyclohexane
Concen: 1.849 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066430.D
Acq: 27 Aug 2020 12:05

Tgt Ion: 56 Resp: 5397
Ion Ratio Lower Upper
56 100
69 158.2 29.6 44.4#
84 109.0 76.6 115.0

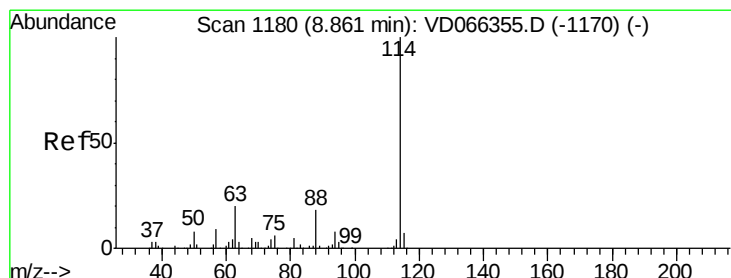
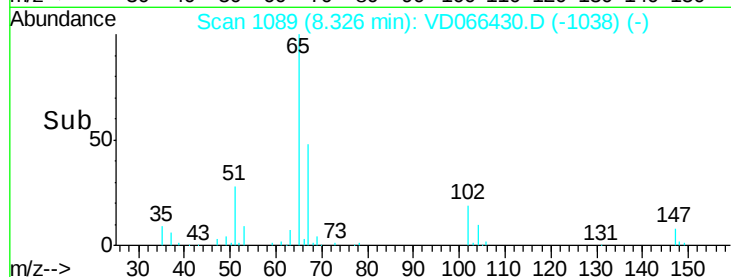
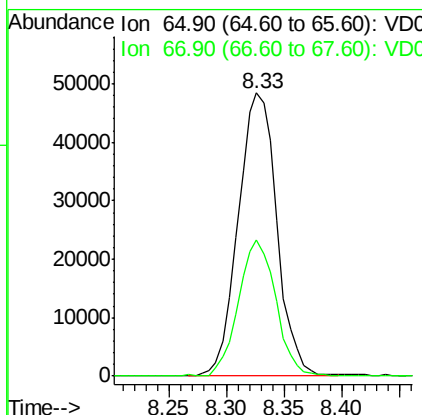
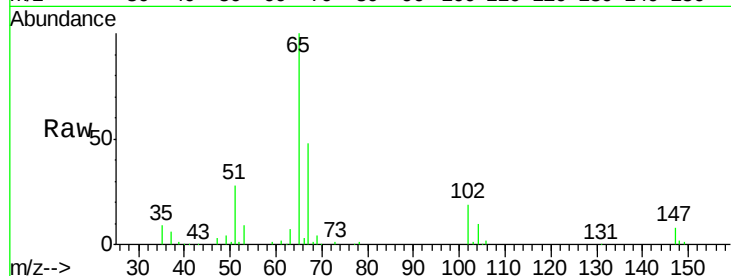




#33
 1,2-Dichloroethane-d4
 Concen: 53.592 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066430.D
 Acq: 27 Aug 2020 12:05

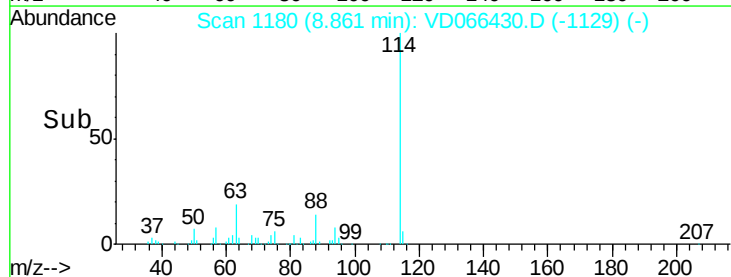
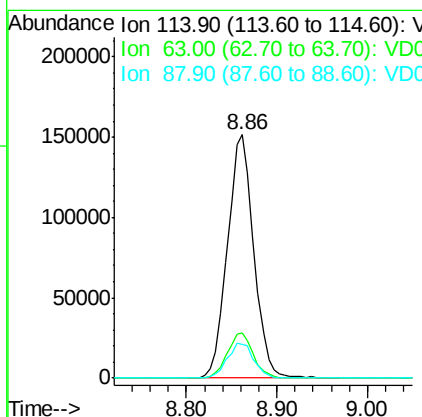
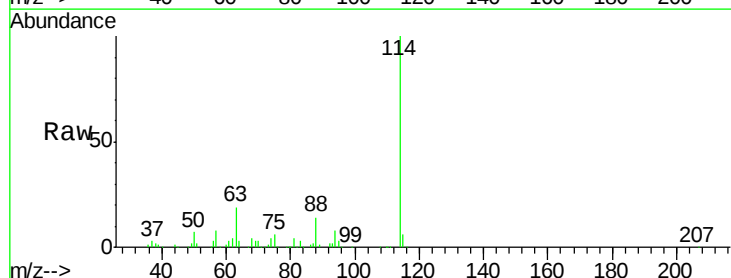
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBL01

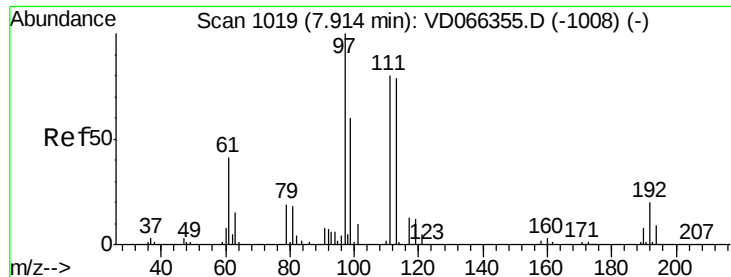
Tgt Ion: 65 Resp: 112683
 Ion Ratio Lower Upper
 65 100
 67 46.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066430.D
 Acq: 27 Aug 2020 12:05

Tgt Ion: 114 Resp: 305292
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.8
 88 14.0 0.0 35.4

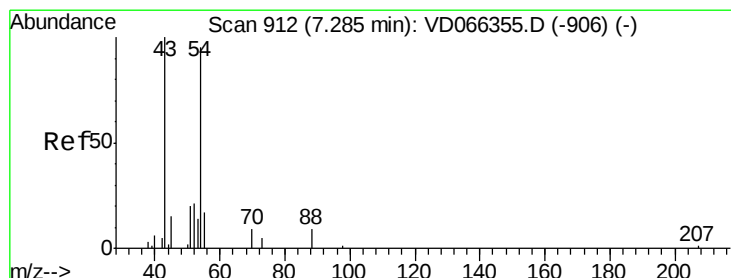
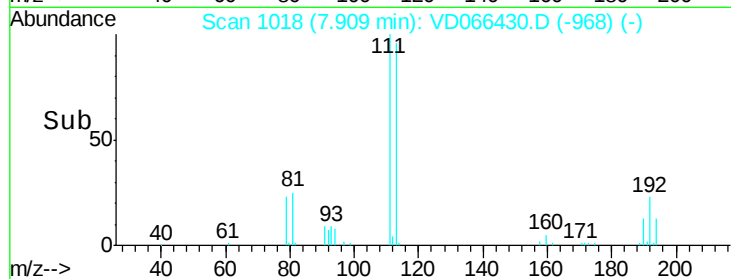
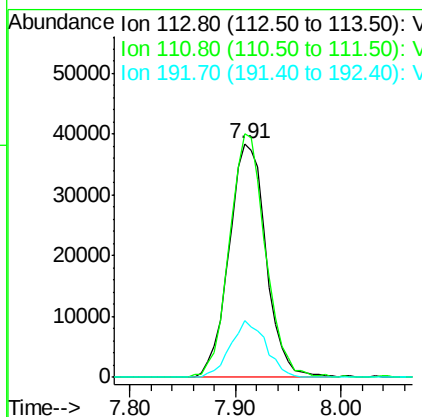
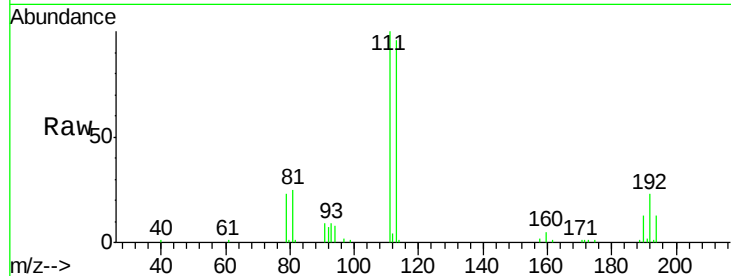




#35
 Dibromofluoromethane
 Concen: 48.868 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066430.D
 Acq: 27 Aug 2020 12:05

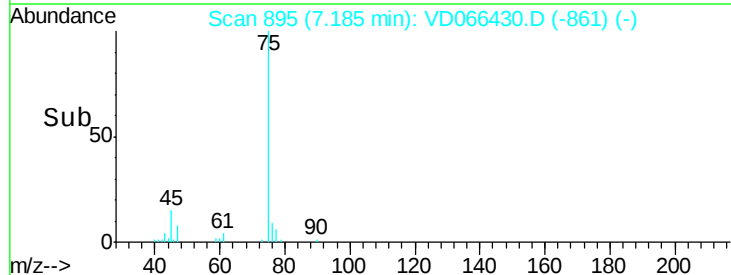
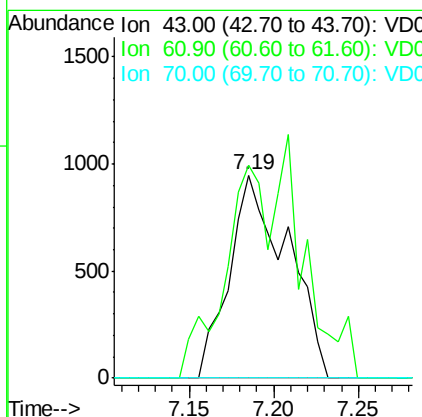
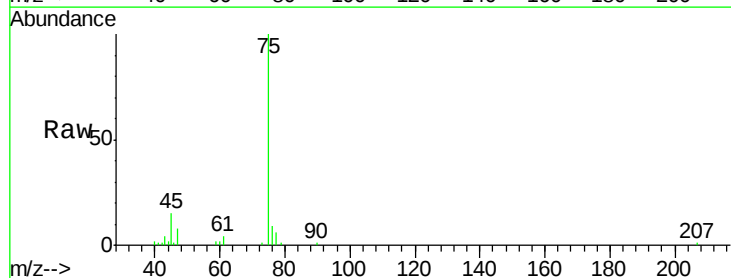
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBL01

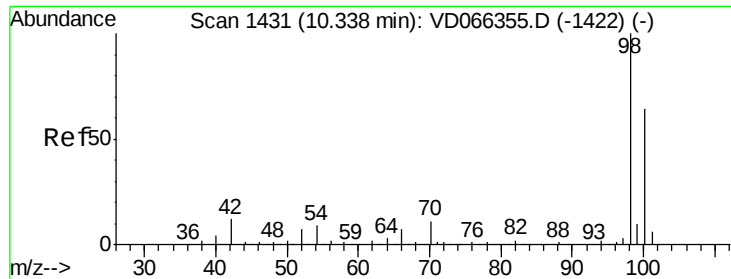
Tgt Ion: 113 Resp: 93290
 Ion Ratio Lower Upper
 113 100
 111 101.3 80.3 120.5
 192 23.3 19.0 28.6



#37
 Ethyl Acetate
 Concen: 2.404 ug/l
 RT: 7.19 min Scan# 895
 Delta R.T. -0.10 min
 Lab File: VD066430.D
 Acq: 27 Aug 2020 12:05

Tgt Ion: 43 Resp: 2278
 Ion Ratio Lower Upper
 43 100
 61 75.5 13.3 19.9#
 70 0.0 3.5 5.3#





#50

Toluene-d8

Concen: 49.843 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066430.D

Acq: 27 Aug 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

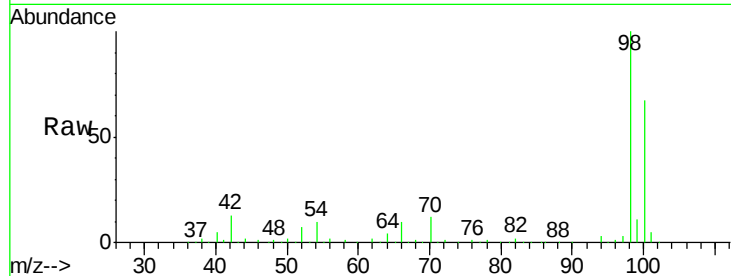
VD0827SBL01

Tgt Ion: 98 Resp: 348148

Ion Ratio Lower Upper

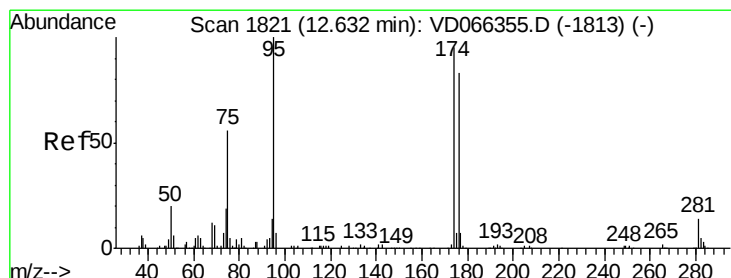
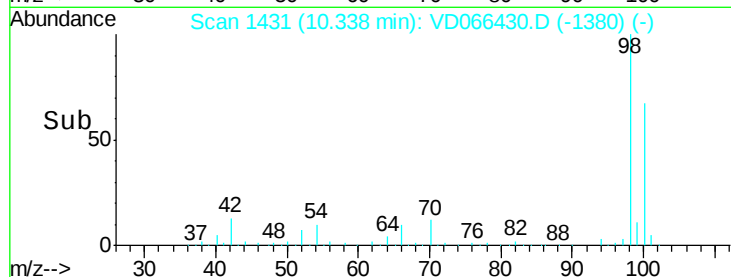
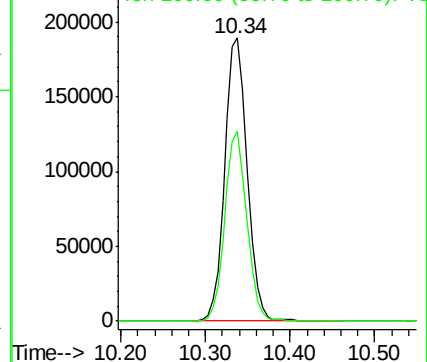
98 100

100 66.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 48.918 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066430.D

Acq: 27 Aug 2020 12:05

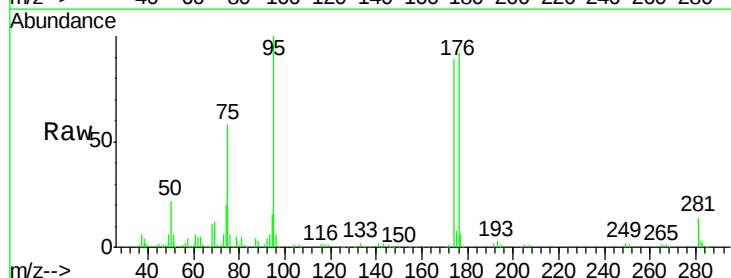
Tgt Ion: 95 Resp: 121243

Ion Ratio Lower Upper

95 100

174 95.6 0.0 183.4

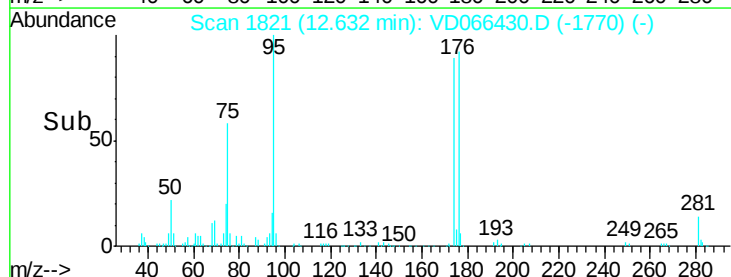
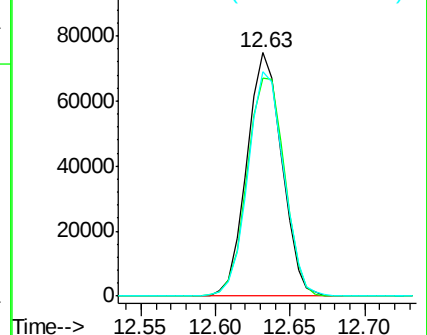
176 94.3 0.0 173.8

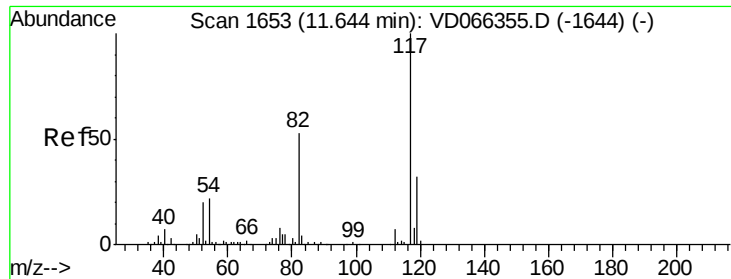


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

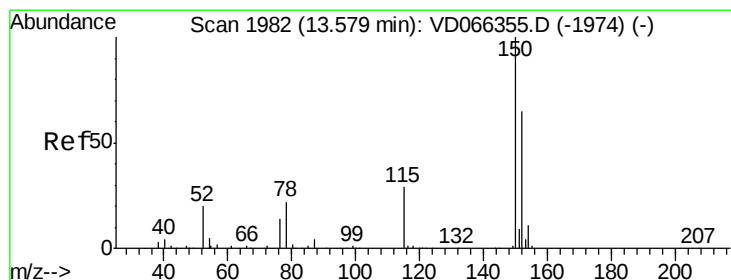
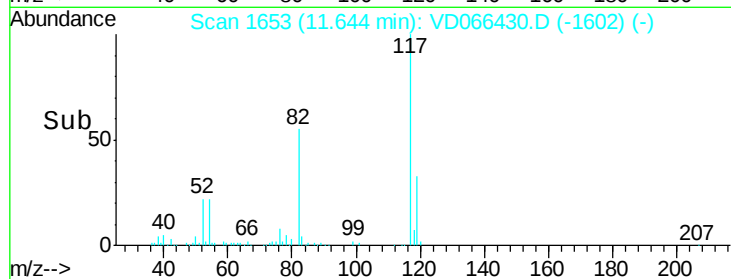
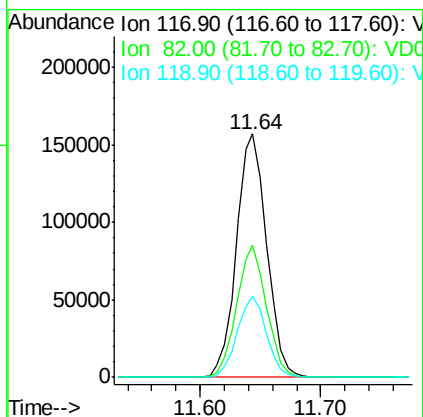
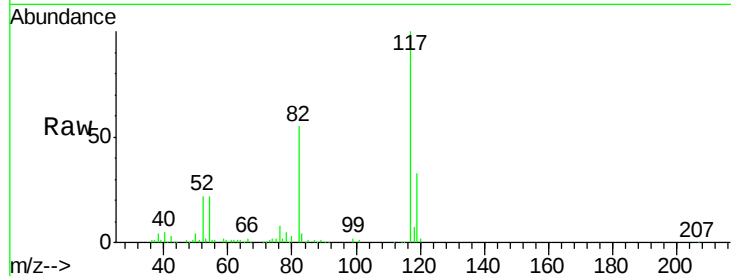




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066430.D
Acq: 27 Aug 2020 12:05

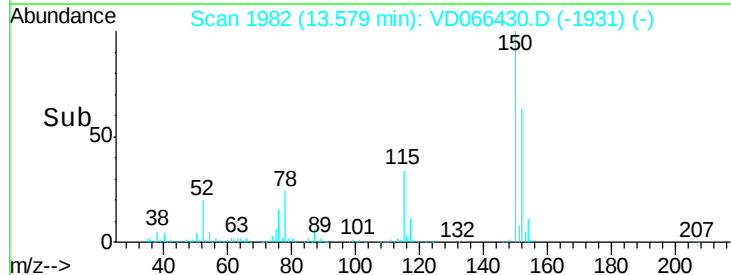
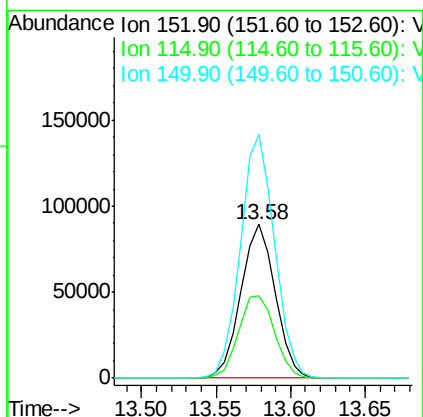
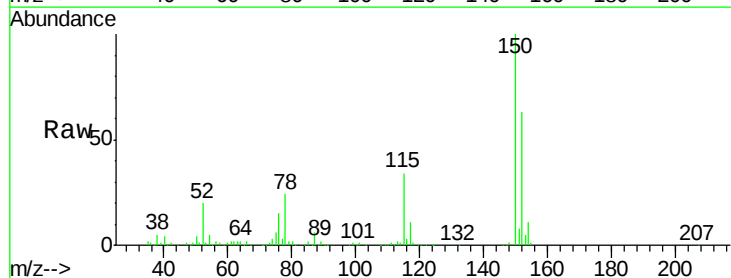
Instrument :
MSVOA_D
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VD0827SBL01

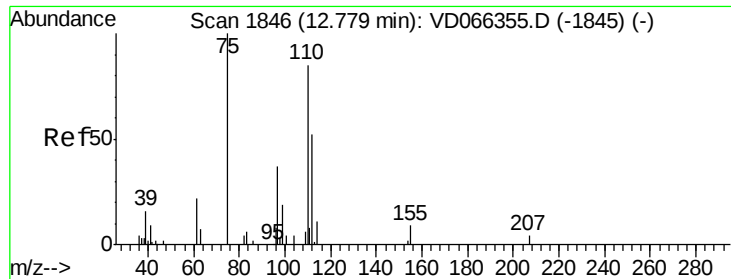
Tgt Ion:117 Resp: 273941
Ion Ratio Lower Upper
117 100
82 54.5 42.8 64.2
119 33.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066430.D
Acq: 27 Aug 2020 12:05

Tgt Ion:152 Resp: 142741
Ion Ratio Lower Upper
152 100
115 56.4 28.3 85.0
150 157.1 0.0 343.2





#76

1,2,3-Trichloropropane

Concen: 72.031 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066430.D

Acq: 27 Aug 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

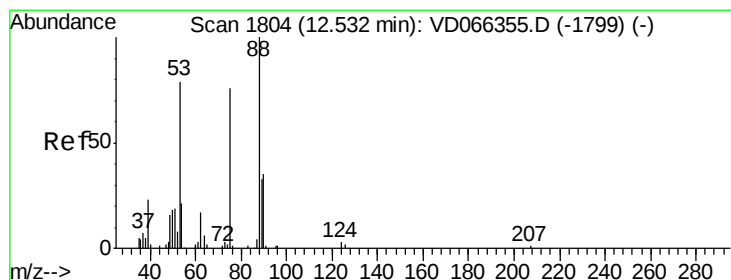
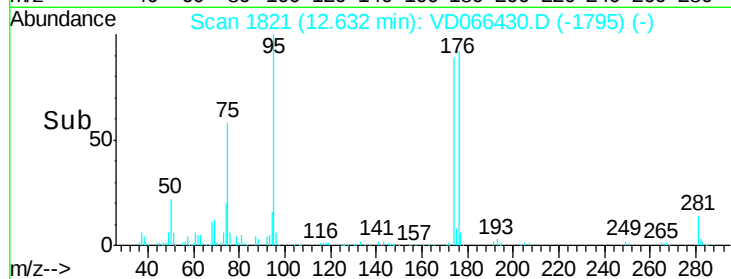
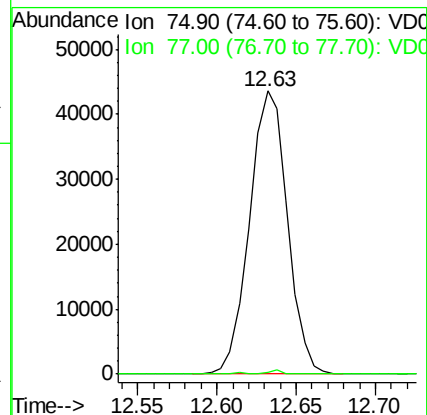
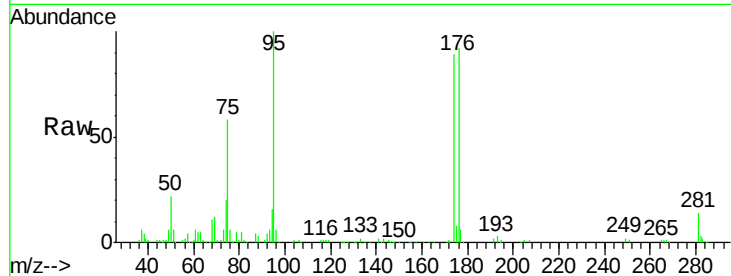
VD0827SBL01

Tgt Ion: 75 Resp: 72333

Ion Ratio Lower Upper

75 100

77 0.6 182.9 548.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 152.899 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066430.D

Acq: 27 Aug 2020 12:05

Tgt Ion: 75 Resp: 72333

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.1 39.4 59.0#

