

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066373.D
 Acq On : 24 Aug 2020 11:07
 Operator : VA/SY
 Sample : VD0824SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBL01

Quant Time: Aug 25 02:40:20 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	212431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	320066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	313818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	168277	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	111827	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
35) Dibromofluoromethane	7.91	113	101451	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.34	98	372759	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.63	95	140629	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	

Target Compounds

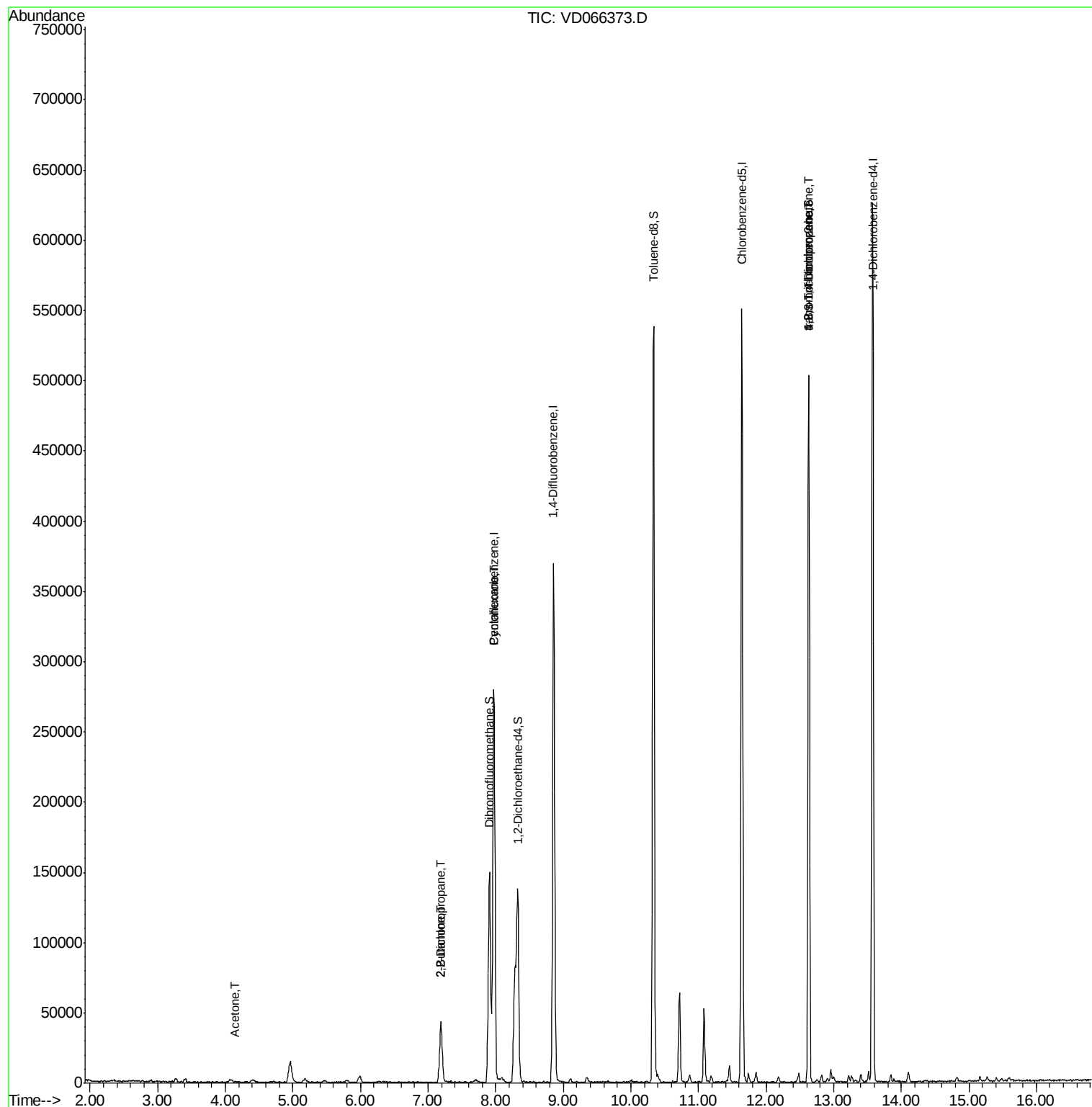
					Qvalue	
11) Tert butyl alcohol	5.21	59	386	Below Cal	#	71
16) Acetone	4.15	43	734	1.955	ug/l	91
20) Methylene Chloride	4.96	84	12059	Below Cal		88
25) 2-Butanone	7.18	43	2698	6.330	ug/l #	47
26) 2,2-Dichloropropane	7.19	77	3725	1.099	ug/l #	62
31) Cyclohexane	7.98	56	5432	1.878	ug/l #	61
76) 1,2,3-Trichloropropane	12.63	75	82001	69.267	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	82001	147.032	ug/l #	6

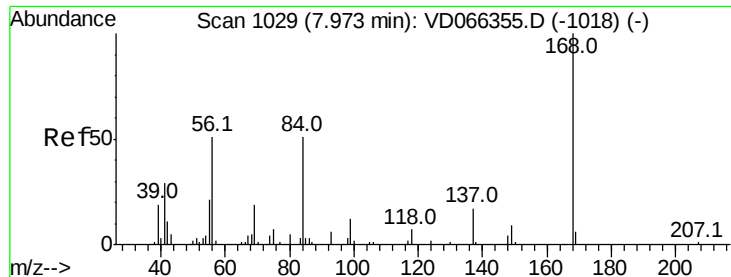
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\
Data File : VD066373.D
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Sample : VD0824SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBL01

Quant Time: Aug 25 02:40:20 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: VD066373.D

Acq: 24 Aug 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

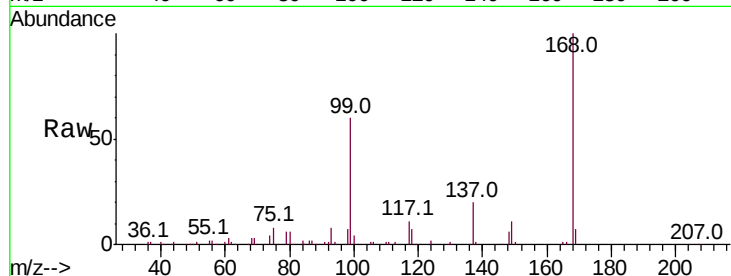
VD0824SBL01

Tot Ion:168 Resp: 212431

Ion Ratio Lower Upper

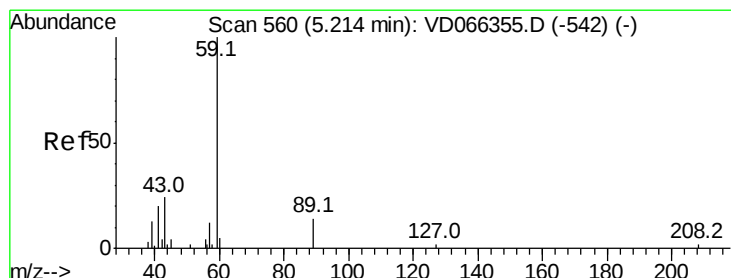
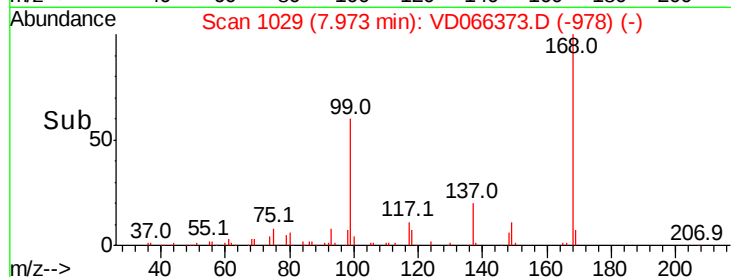
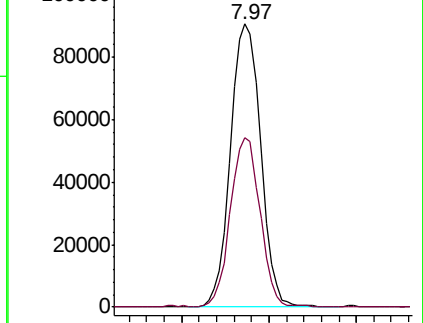
168 100

99 59.7 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: 5.21 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD066373.D

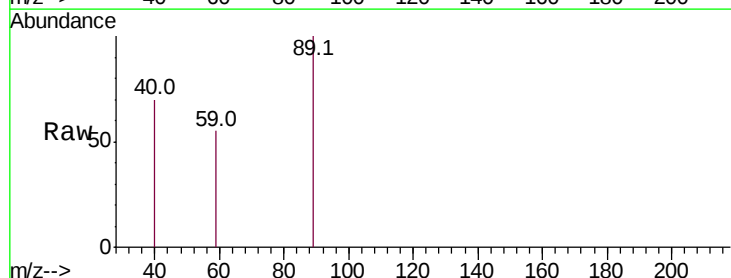
Acq: 24 Aug 2020 11:07

Tgt Ion: 59 Resp: 386

Ion Ratio Lower Upper

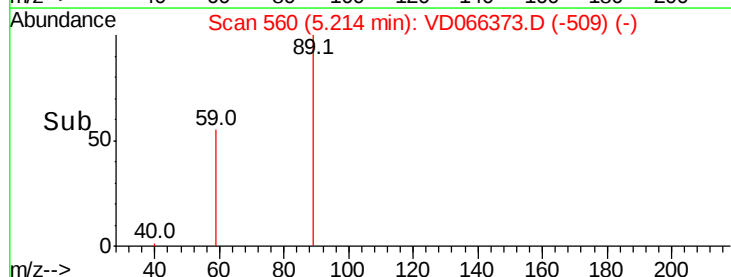
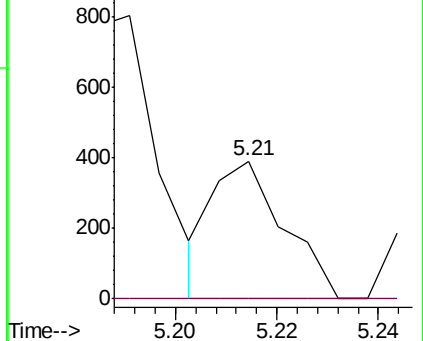
59 100

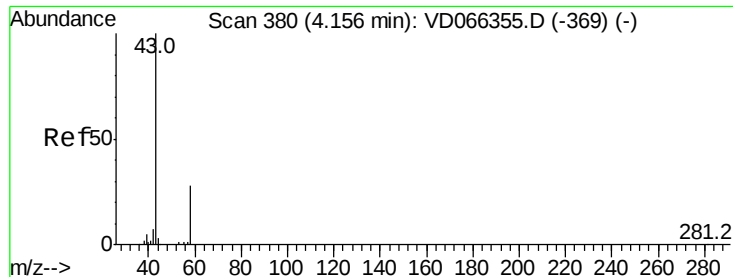
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 1.955 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066373.D

Acq: 24 Aug 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

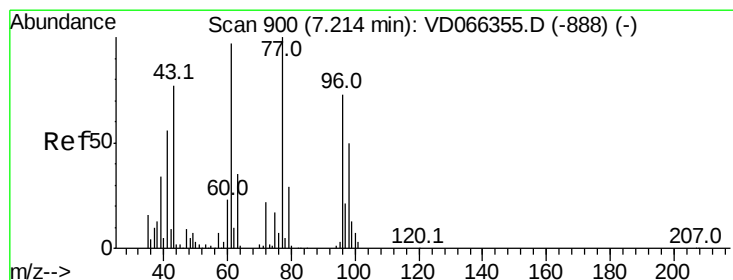
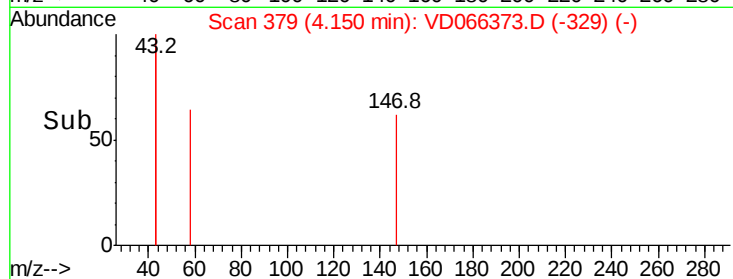
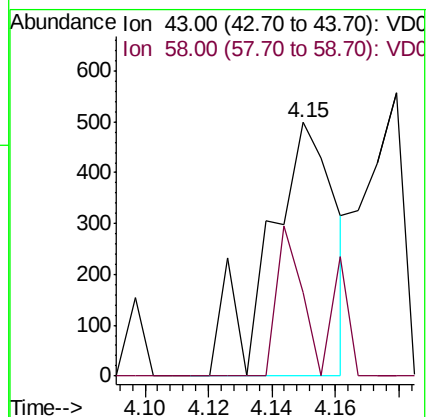
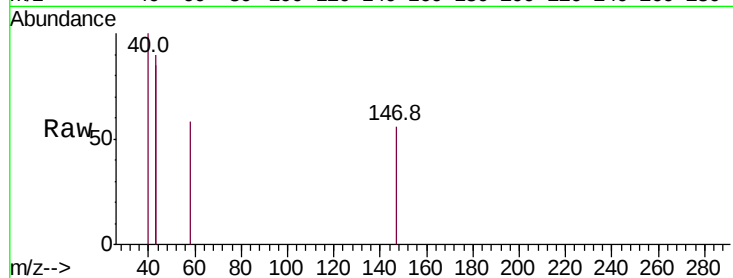
VD0824SBL01

Tot Ion: 43 Resp: 734

Ion Ratio Lower Upper

43 100

58 33.1 22.7 34.1



#25

2-Butanone

Concen: 6.330 ug/l

RT: 7.18 min Scan# 895

Delta R.T. -0.03 min

Lab File: VD066373.D

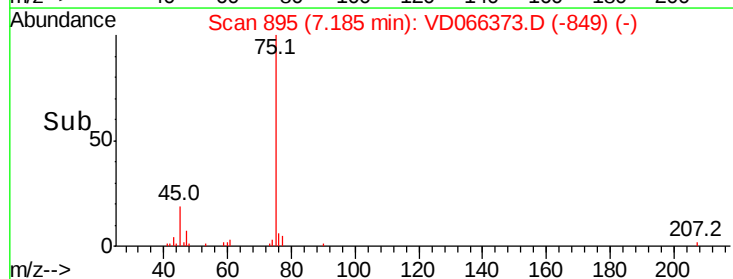
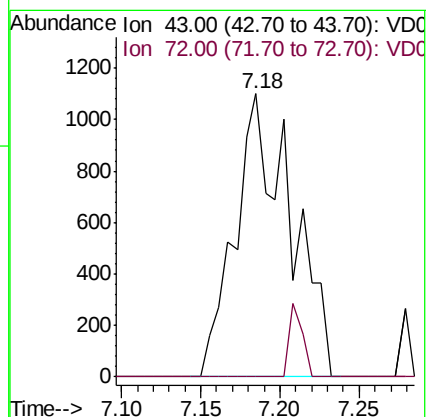
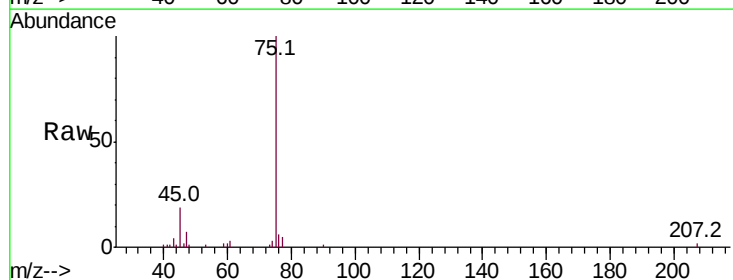
Acq: 24 Aug 2020 11:07

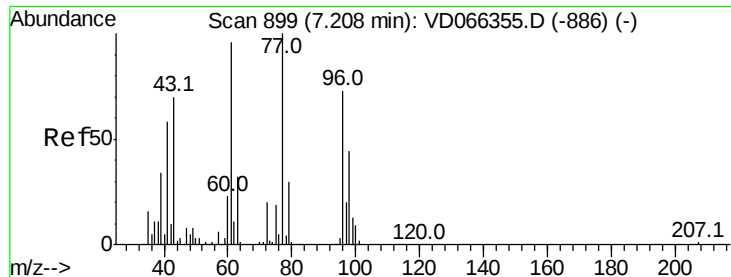
Tgt Ion: 43 Resp: 2698

Ion Ratio Lower Upper

43 100

72 0.0 22.5 33.7#





#26

2,2-Dichloropropane

Concen: 1.099 ug/l

RT: 7.19 min Scan# 896

Delta R.T. -0.02 min

Lab File: VD066373.D

Acq: 24 Aug 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

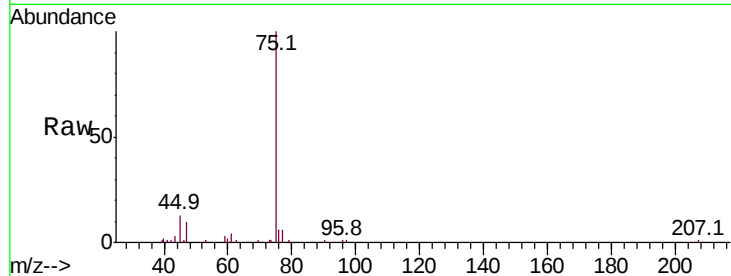
VD0824SBL01

Tot Ion: 77 Resp: 3725

Ion Ratio Lower Upper

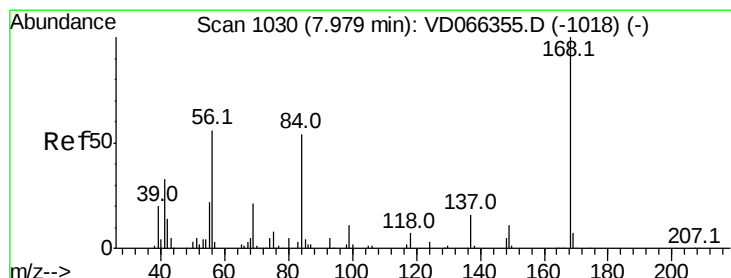
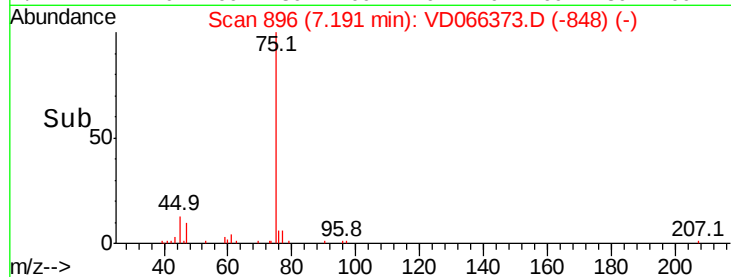
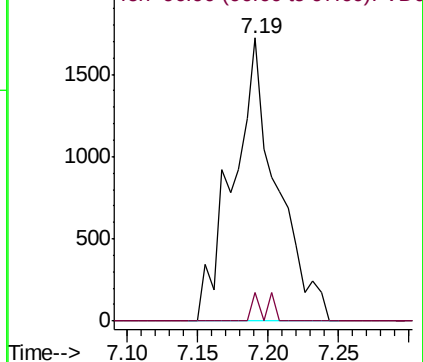
77 100

97 3.3 10.7 31.9#



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



#31

Cyclohexane

Concen: 1.878 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066373.D

Acq: 24 Aug 2020 11:07

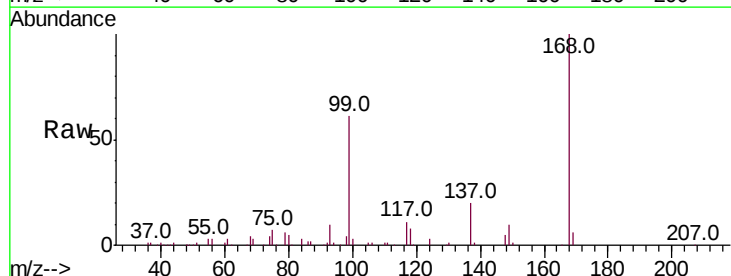
Tgt Ion: 56 Resp: 5432

Ion Ratio Lower Upper

56 100

69 117.5 29.6 44.4#

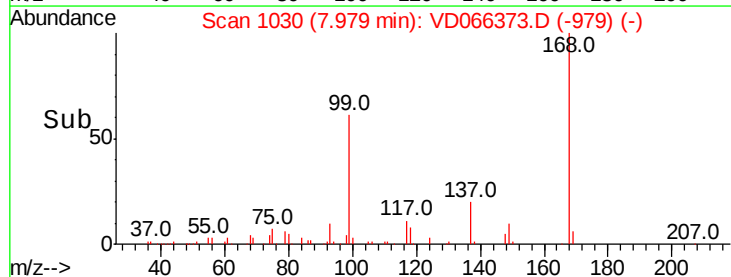
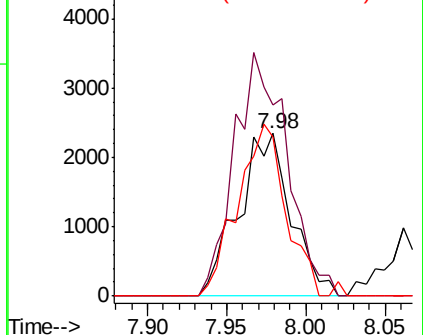
84 98.0 76.6 115.0

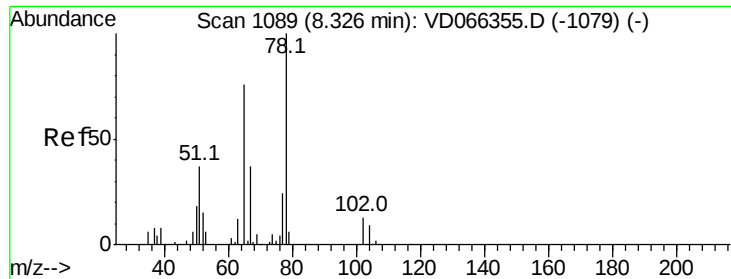


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

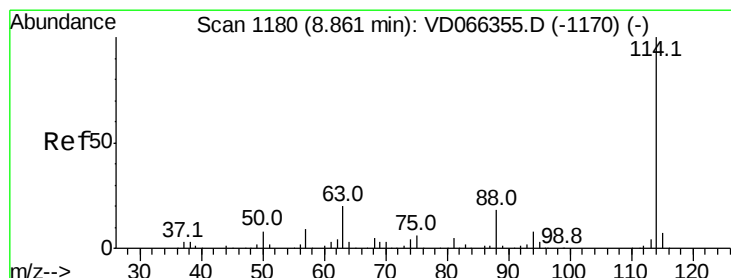
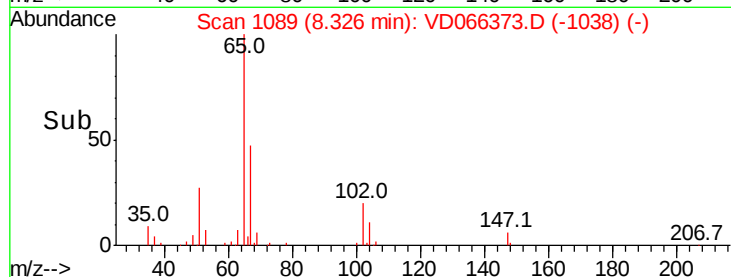
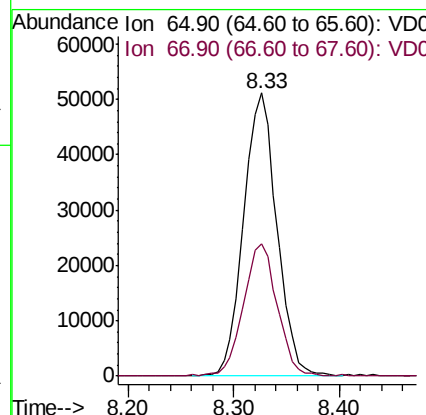
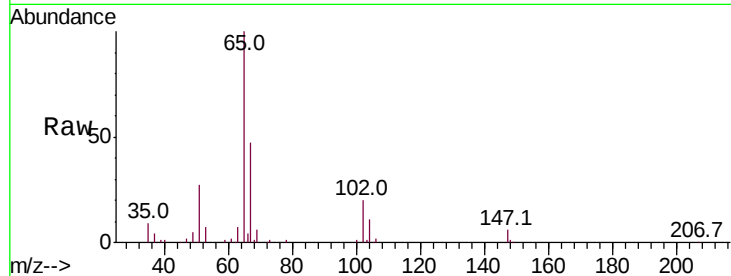




#33
 1,2-Dichloroethane-d4
 Concen: 53.694 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066373.D
 Acq: 24 Aug 2020 11:07

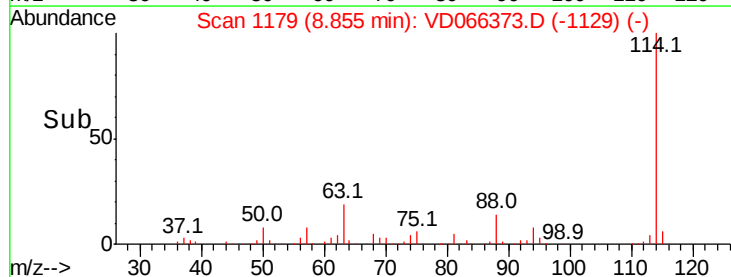
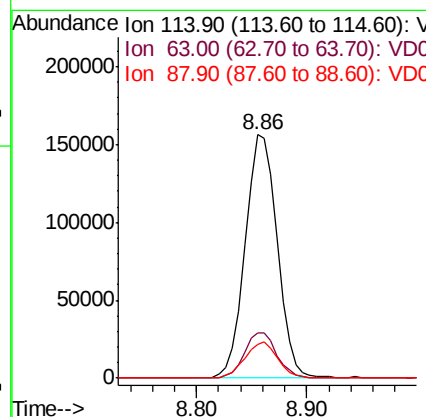
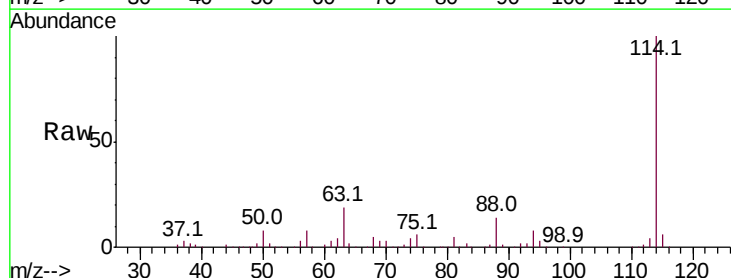
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBL01

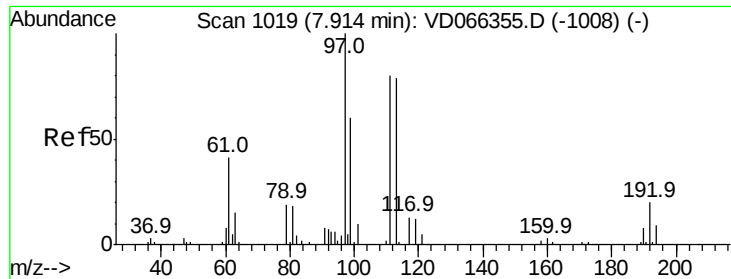
Tot Ion: 65 Resp: 111827
 Ion Ratio Lower Upper
 65 100
 67 47.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066373.D
 Acq: 24 Aug 2020 11:07

Tgt Ion: 114 Resp: 320066
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 40.8
 88 13.9 0.0 35.4

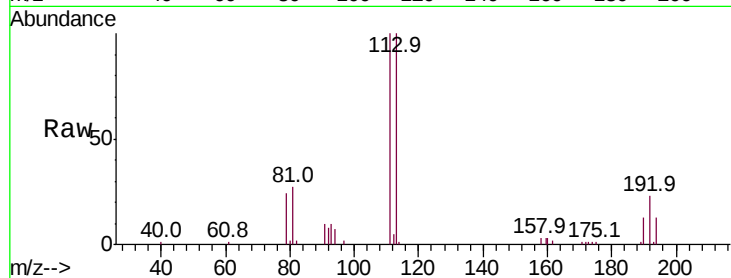




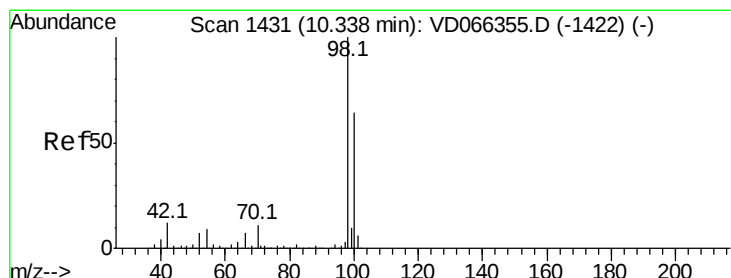
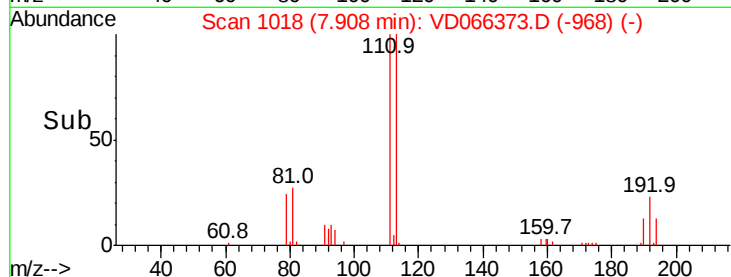
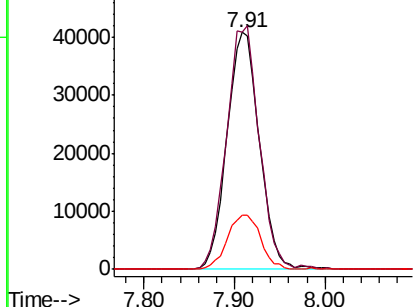
#35
Dibromofluoromethane
Concen: 50.690 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD066373.D
Acq: 24 Aug 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBL01

Tot Ion:113 Resp: 101451
Ion Ratio Lower Upper
113 100
111 103.1 80.3 120.5
192 23.4 19.0 28.6

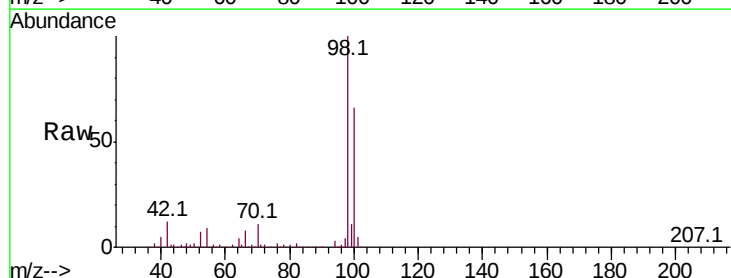


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

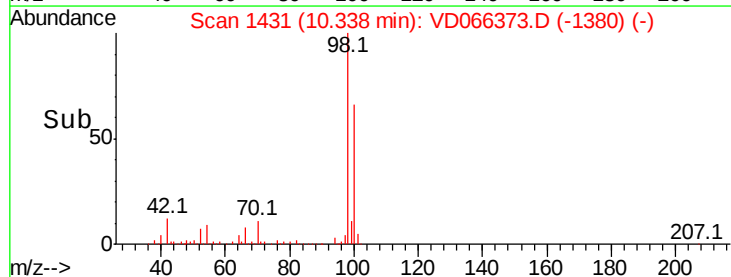
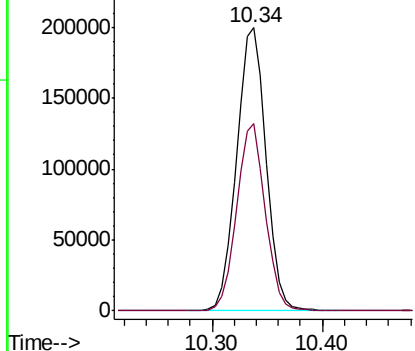


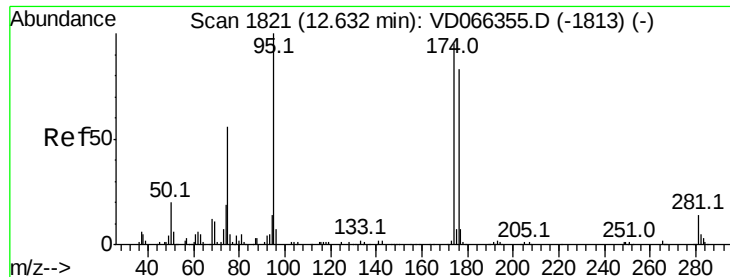
#50
Toluene-d8
Concen: 50.904 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066373.D
Acq: 24 Aug 2020 11:07

Tgt Ion: 98 Resp: 372759
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



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

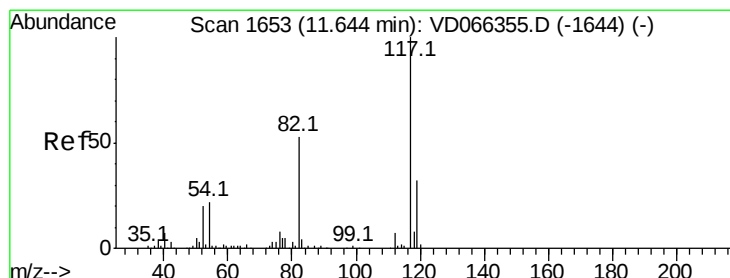
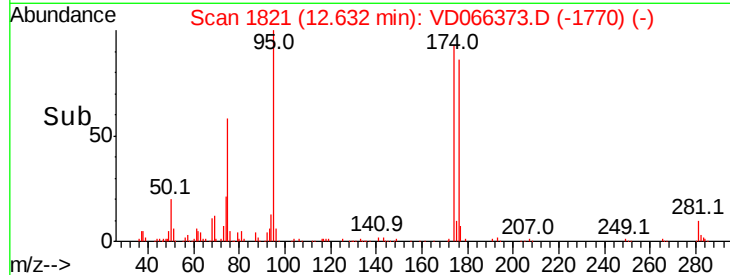
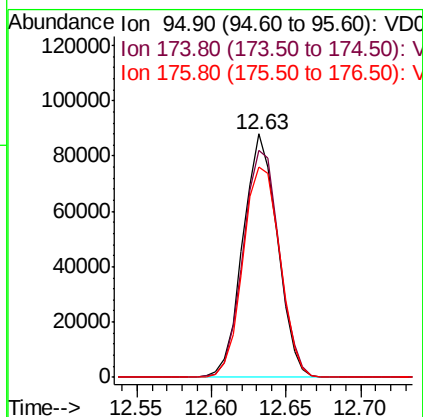
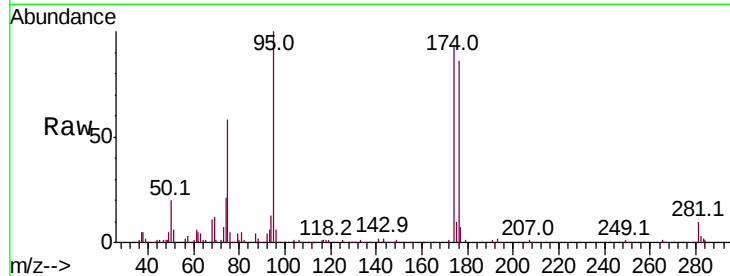




#62
4-Bromofluorobenzene
Concen: 54.120 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066373.D
Acq: 24 Aug 2020 11:07

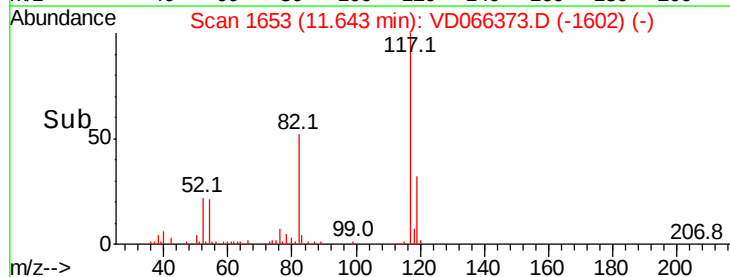
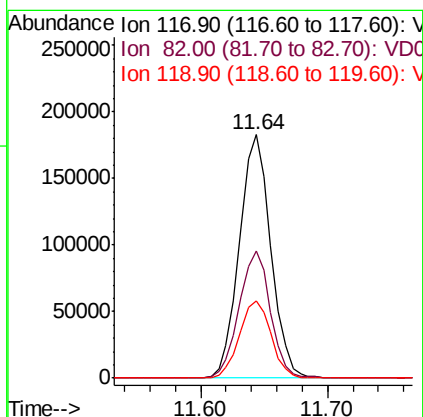
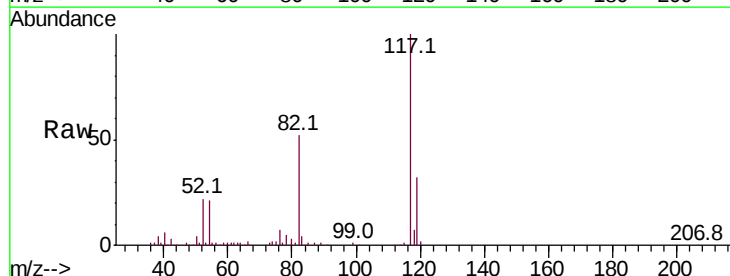
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBL01

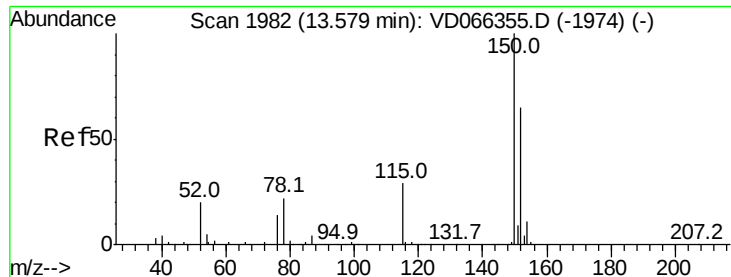
Tot Ion: 95 Resp: 140629
Ion Ratio Lower Upper
95 100
174 98.0 0.0 183.4
176 93.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066373.D
Acq: 24 Aug 2020 11:07

Tgt Ion: 117 Resp: 313818
Ion Ratio Lower Upper
117 100
82 52.3 42.8 64.2
119 31.8 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: VD066373.D

Acq: 24 Aug 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBL01

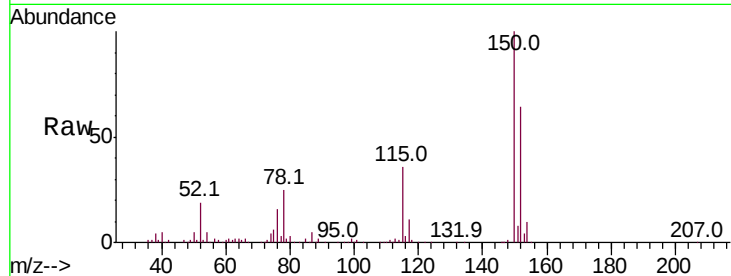
Tot Ion:152 Resp: 168277

Ion Ratio Lower Upper

152 100

115 57.6 28.3 85.0

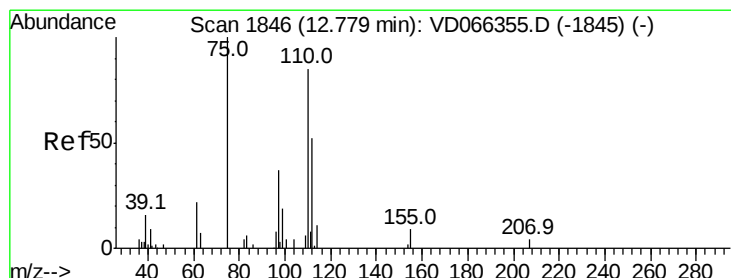
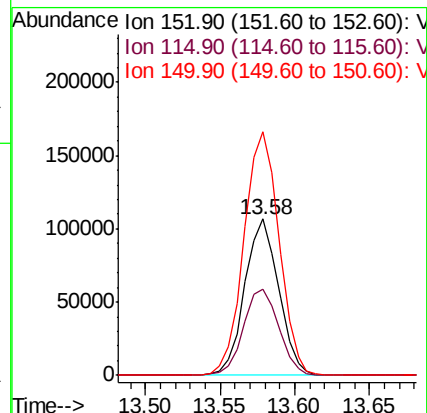
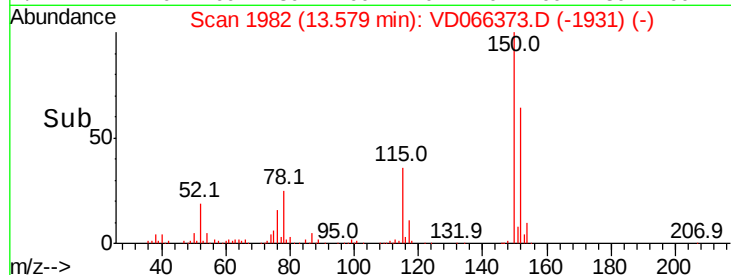
150 160.9 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 69.267 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066373.D

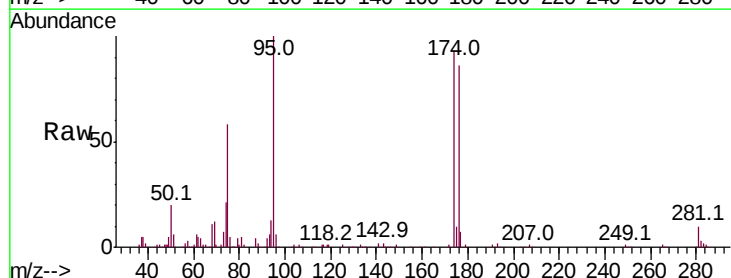
Acq: 24 Aug 2020 11:07

Tgt Ion: 75 Resp: 82001

Ion Ratio Lower Upper

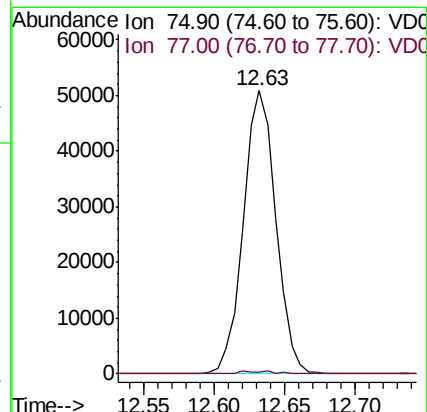
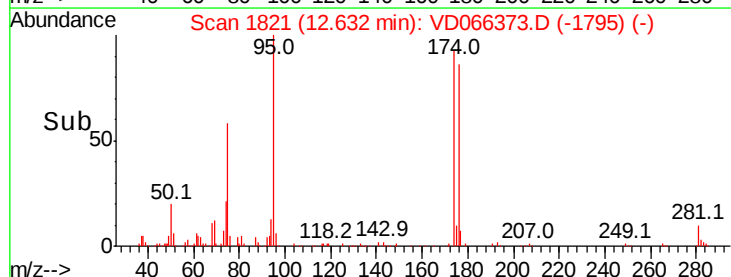
75 100

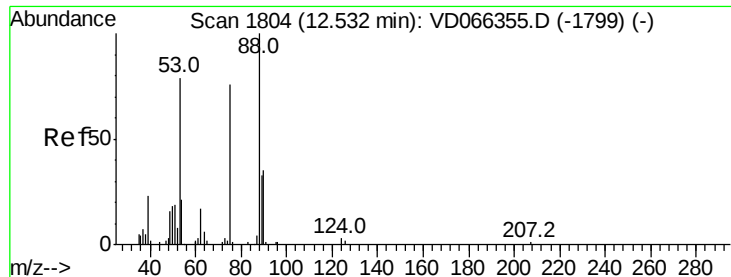
77 0.9 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.032 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066373.D
 Acq: 24 Aug 2020 11:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBL01

Tot Ion: 75 Resp: 82001
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.4 131.2#
 89 0.2 39.4 59.0#

