

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
 Data File : VD065776.D
 Acq On : 08 Jun 2020 13:06
 Operator : VA/SY
 Sample : VD0608SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 09 06:22:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	251279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	427749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	382046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	171977	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	140979	56.78	ug/l	0.00
Spiked Amount			Recovery	=	113.56%	
35) Dibromofluoromethane	7.91	113	140442	51.98	ug/l	0.00
Spiked Amount			Recovery	=	103.96%	
50) Toluene-d8	10.34	98	519405	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.64	95	163561	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	

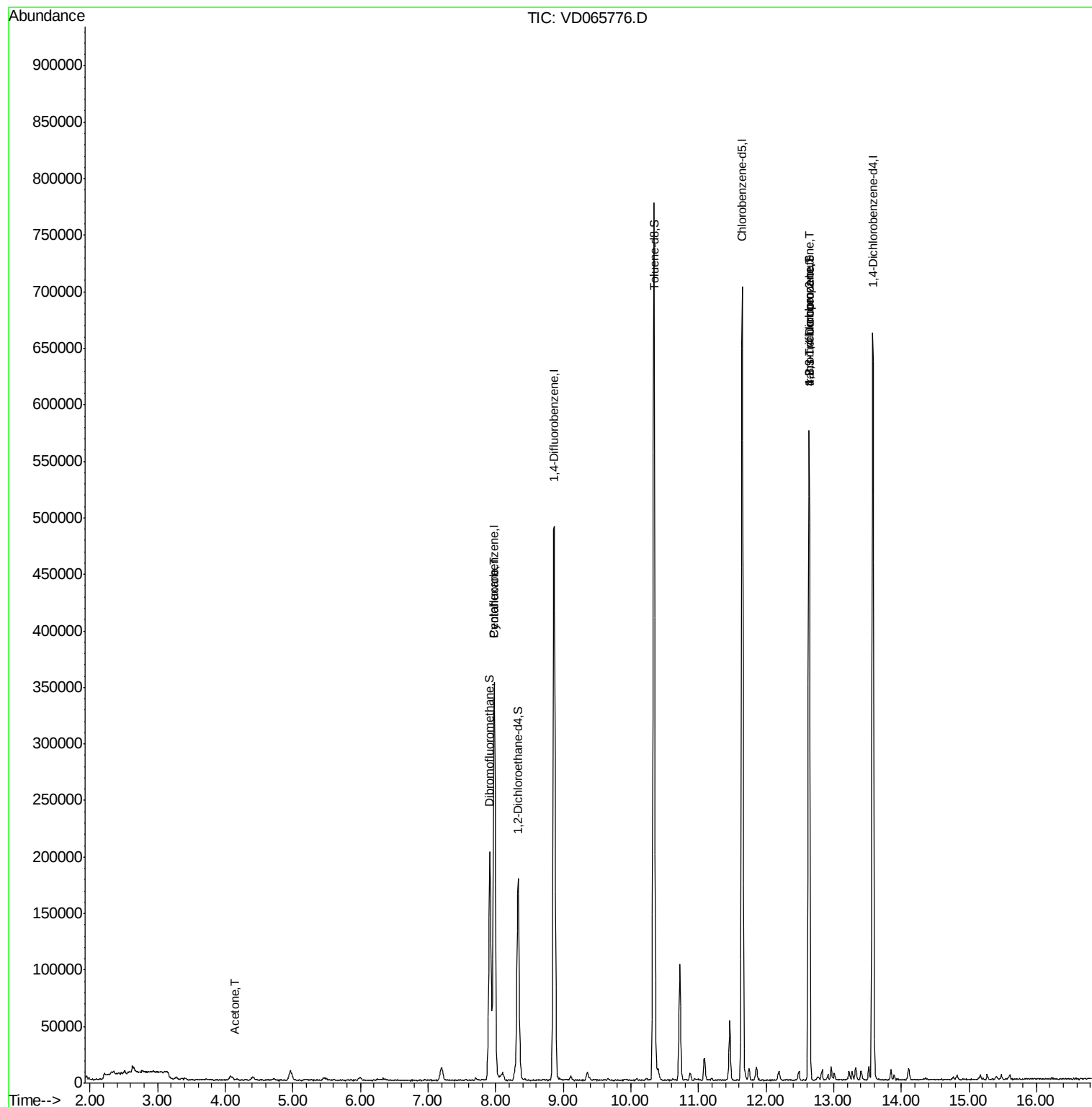
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	967	Below Cal		78
3) Chloromethane	2.21	50	1537	Below Cal	#	80
11) Tert butyl alcohol	5.19	59	342	Below Cal	#	74
16) Acetone	4.15	43	1145	2.445	ug/l #	47
18) Methyl Acetate	4.82	43	63	Below Cal	#	52
20) Methylene Chloride	4.97	84	5940	Below Cal	#	83
31) Cyclohexane	7.98	56	9100	2.044	ug/l #	58
76) 1,2,3-Trichloropropane	12.64	75	89939	67.245	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	89939	145.290	ug/l #	9

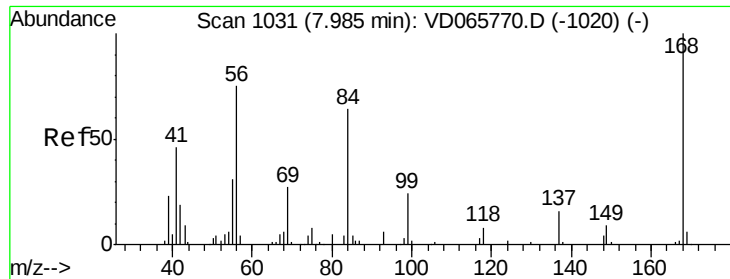
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD060820\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 09 06:22:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 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: VD065776.D

Acq: 08 Jun 2020 13:06

Instrument :

MSVOA_D

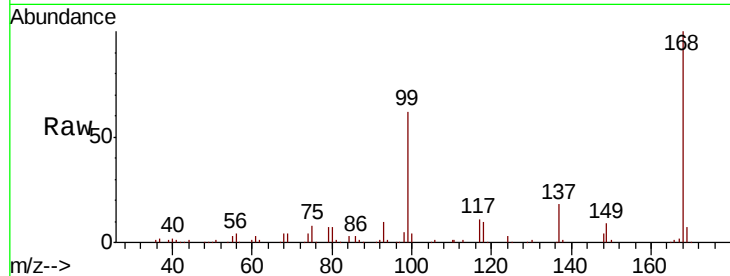
ClientSampleId :

Tot Ion:168 Resp: 251279

Ion Ratio Lower Upper

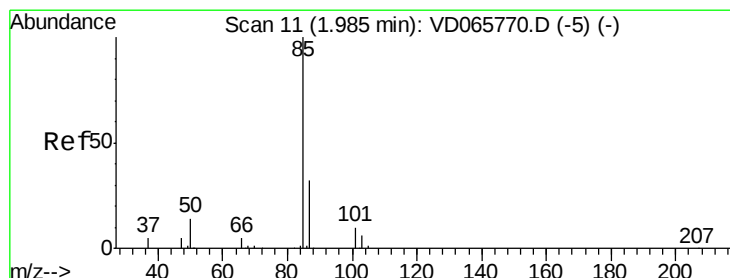
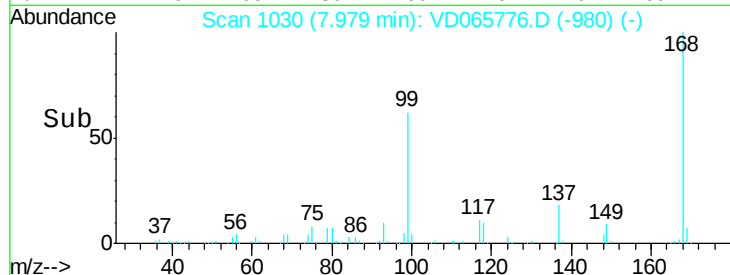
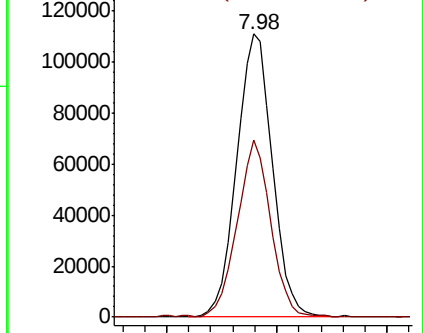
168 100

99 62.2 45.3 67.9



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. 0.01 min

Lab File: VD065776.D

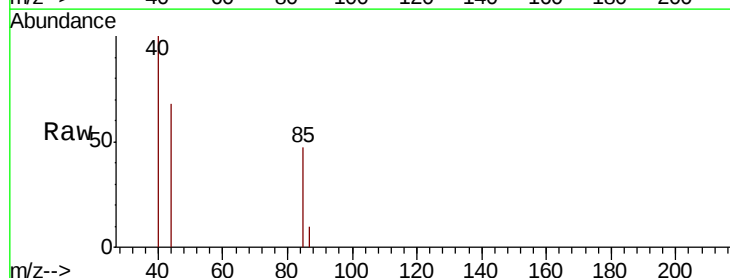
Acq: 08 Jun 2020 13:06

Tgt Ion: 85 Resp: 967

Ion Ratio Lower Upper

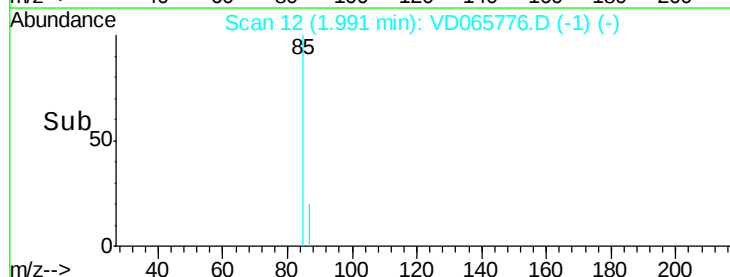
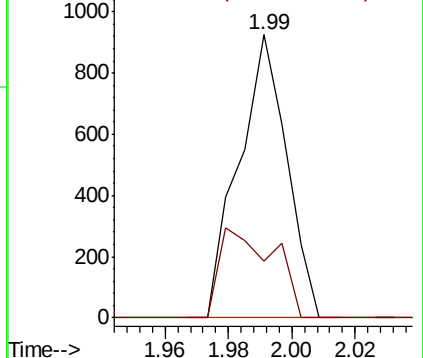
85 100

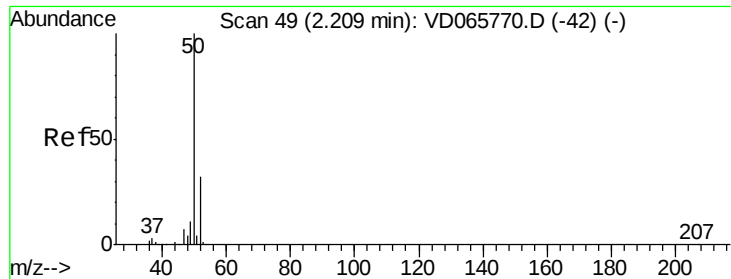
87 20.2 16.2 48.5



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# 49

Delta R.T. 0.00 min

Lab File: VD065776.D

Acq: 08 Jun 2020 13:06

Instrument :

MSVOA_D

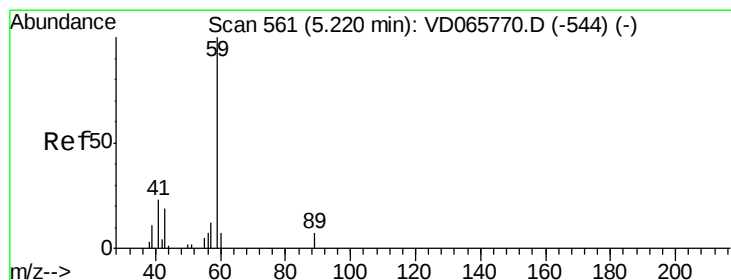
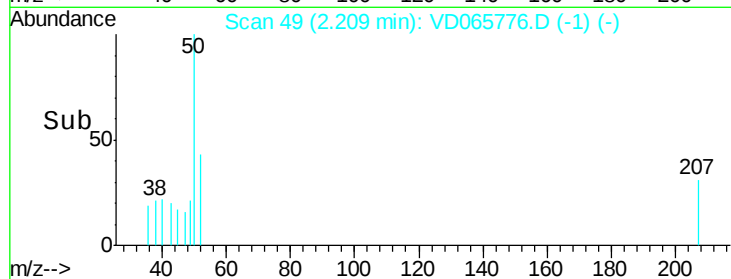
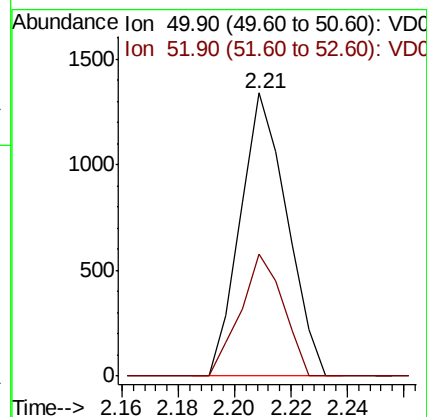
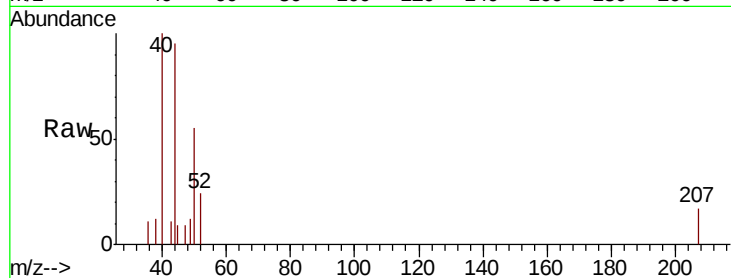
ClientSampled :

Tot Ion: 50 Resp: 1537

Ion Ratio Lower Upper

50 100

52 43.2 25.6 38.4#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD065776.D

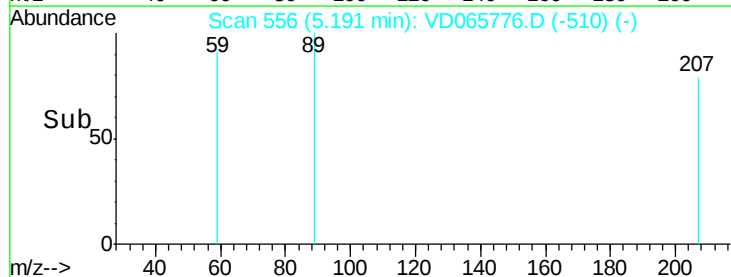
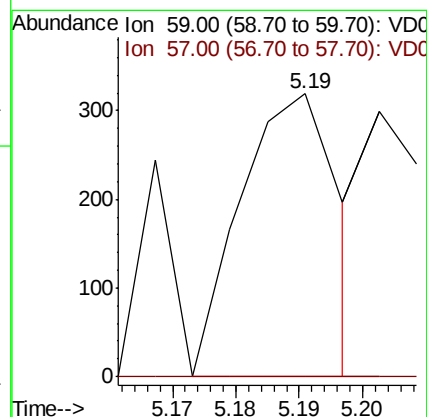
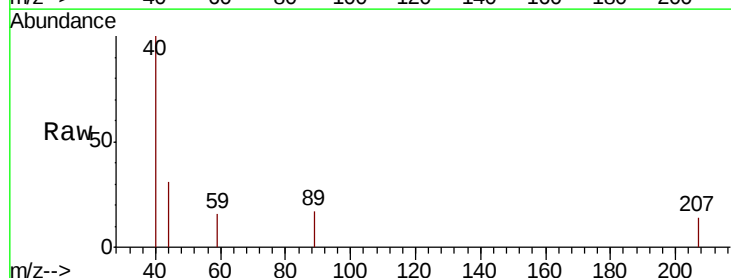
Acq: 08 Jun 2020 13:06

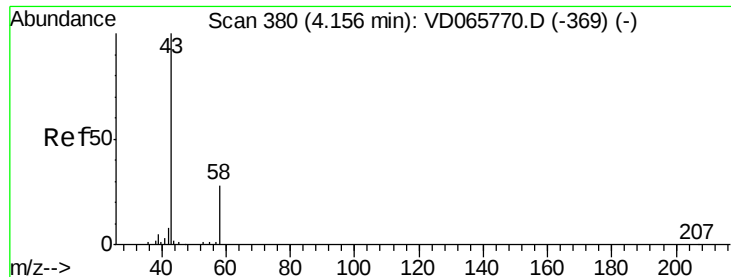
Tgt Ion: 59 Resp: 342

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#





#16

Acetone

Concen: 2.445 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065776.D

Acq: 08 Jun 2020 13:06

Instrument :

MSVOA_D

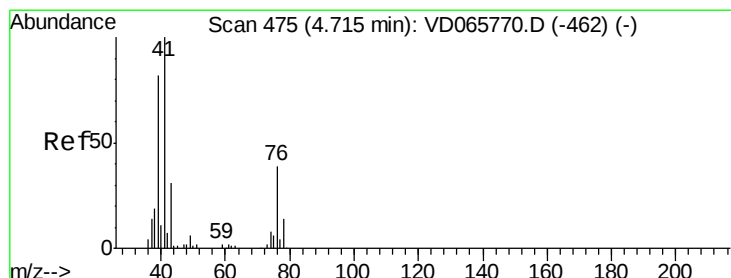
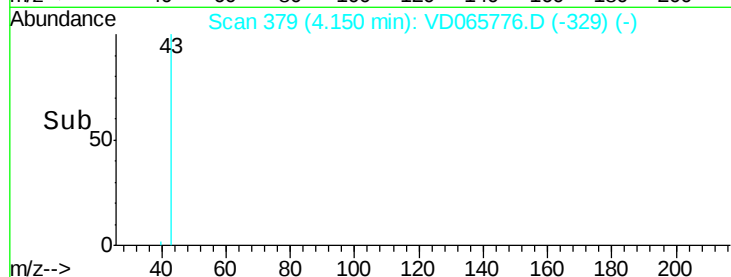
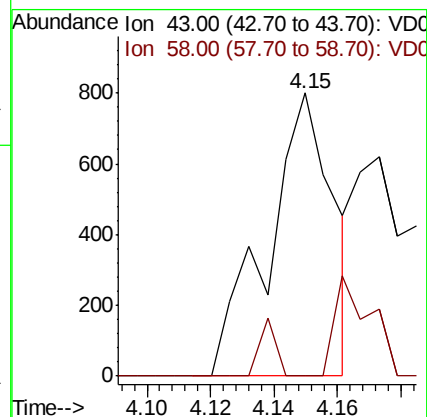
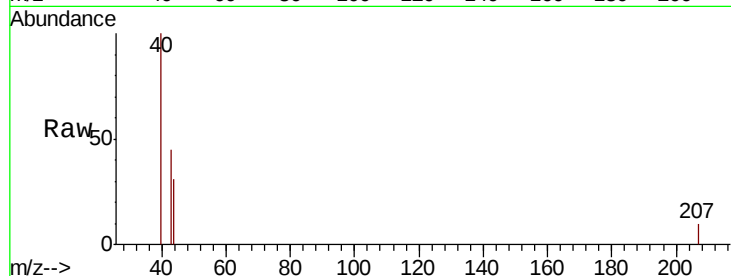
ClientSampleId :

Tot Ion: 43 Resp: 1145

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.82 min Scan# 493

Delta R.T. 0.11 min

Lab File: VD065776.D

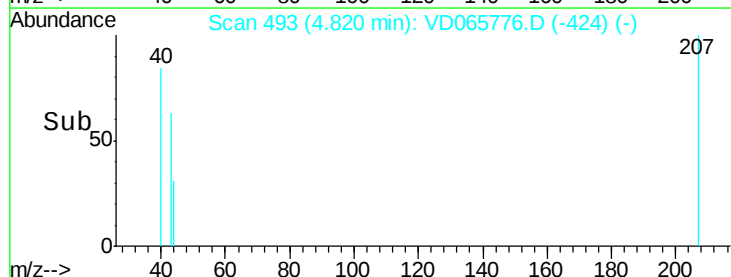
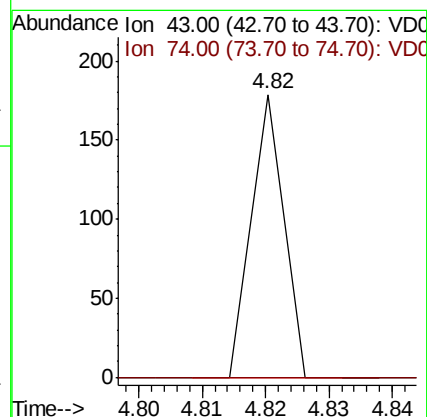
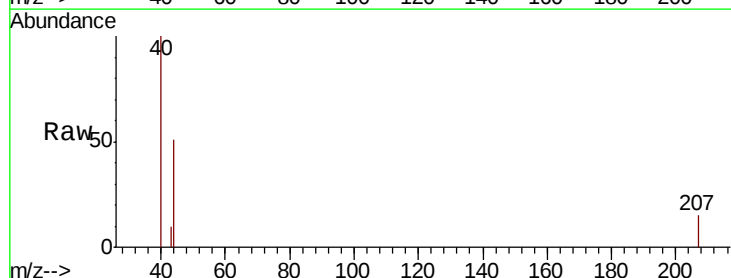
Acq: 08 Jun 2020 13:06

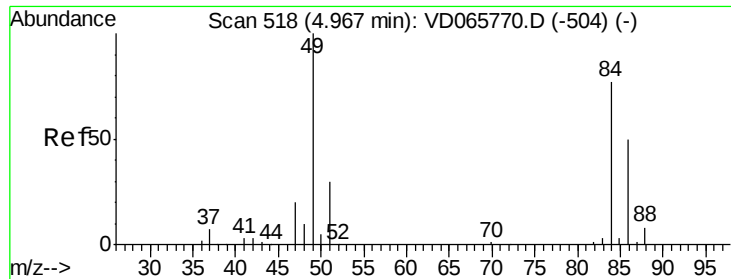
Tgt Ion: 43 Resp: 63

Ion Ratio Lower Upper

43 100

74 0.0 18.7 28.1#

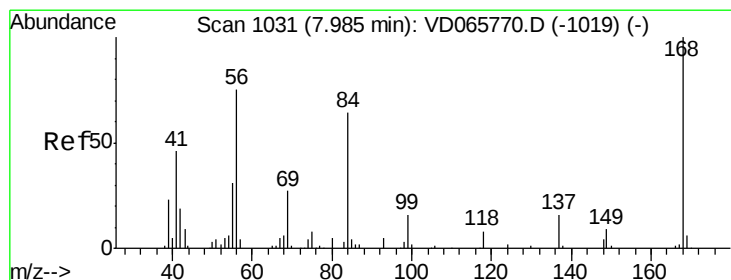
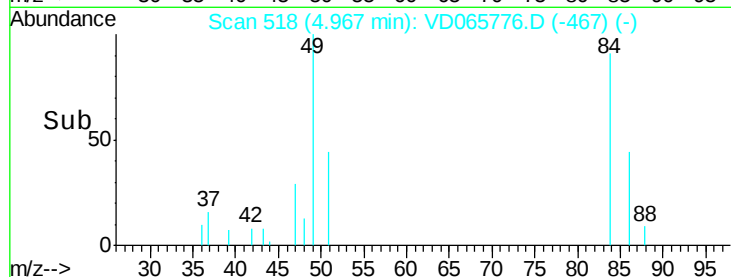
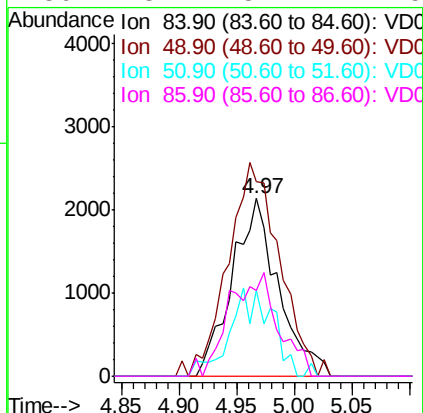
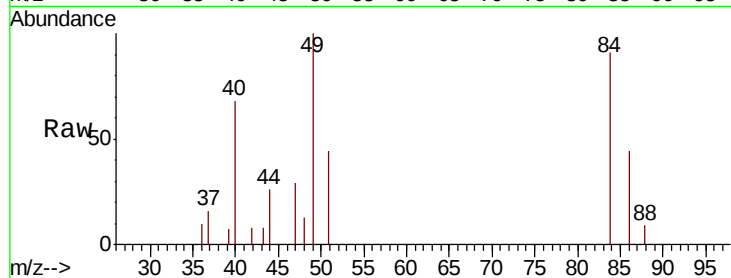




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065776.D
Acq: 08 Jun 2020 13:06

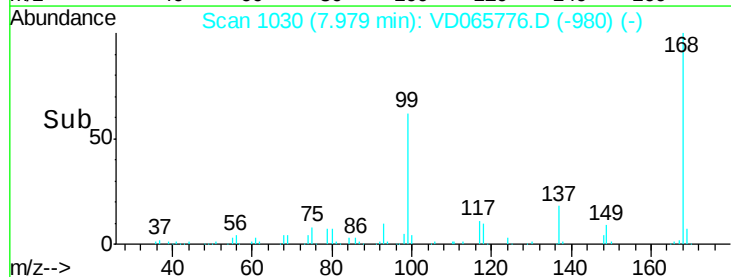
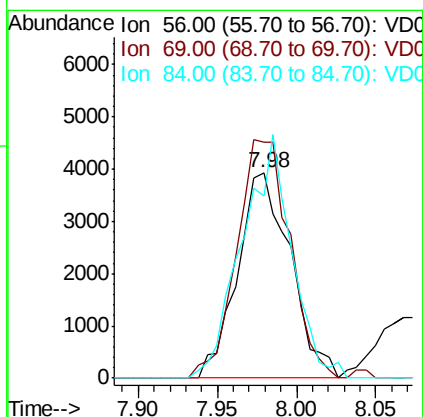
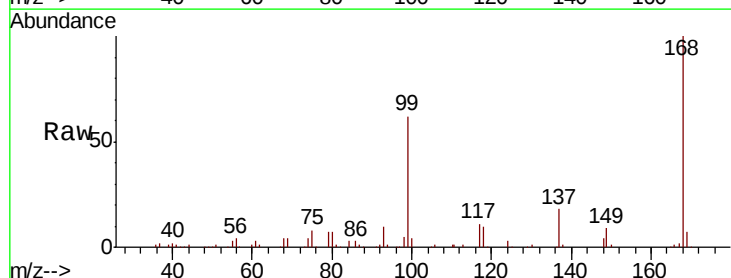
Instrument :
MSVOA_D
ClientSampleId :

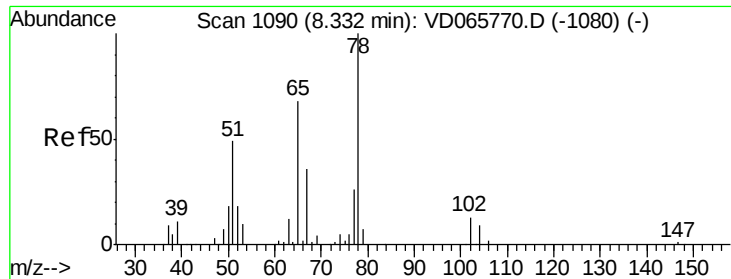
Tot Ion: 84 Resp: 5940
Ion Ratio Lower Upper
84 100
49 109.6 103.4 155.0
51 48.1 31.4 47.2#
86 48.4 51.7 77.5#



#31
Cyclohexane
Concen: 2.044 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065776.D
Acq: 08 Jun 2020 13:06

Tgt Ion: 56 Resp: 9100
Ion Ratio Lower Upper
56 100
69 114.4 28.5 42.7#
84 88.8 68.4 102.6





#33

1,2-Dichloroethane-d4

Concen: 56.778 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065776.D

Acq: 08 Jun 2020 13:06

Instrument :

MSVOA_D

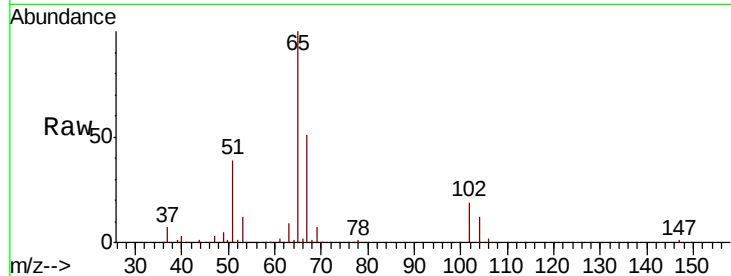
ClientSampleId :

Tot Ion: 65 Resp: 140979

Ion Ratio Lower Upper

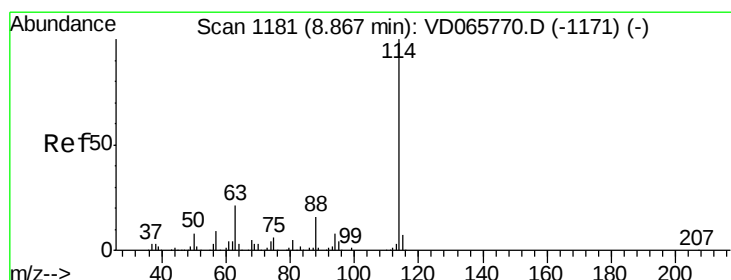
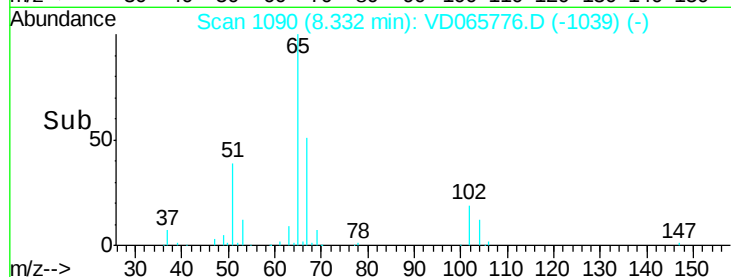
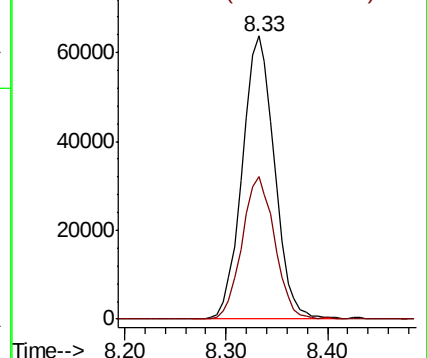
65 100

67 50.7 0.0 103.6



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: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD065776.D

Acq: 08 Jun 2020 13:06

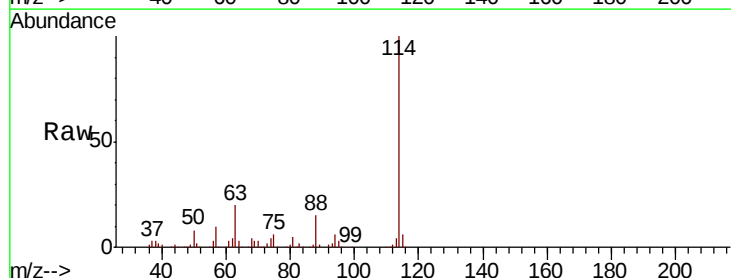
Tgt Ion: 114 Resp: 427749

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.8

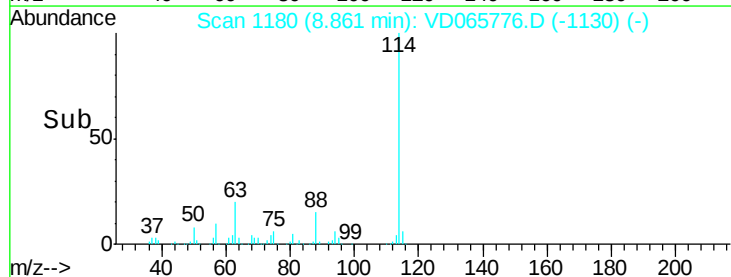
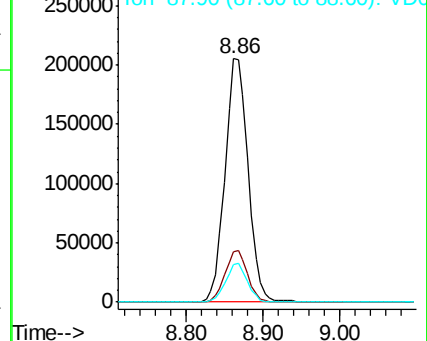
88 15.4 0.0 32.0

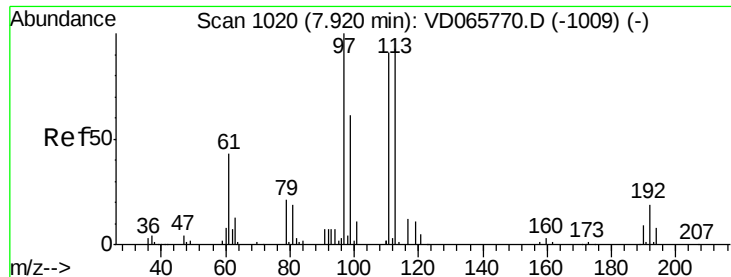


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

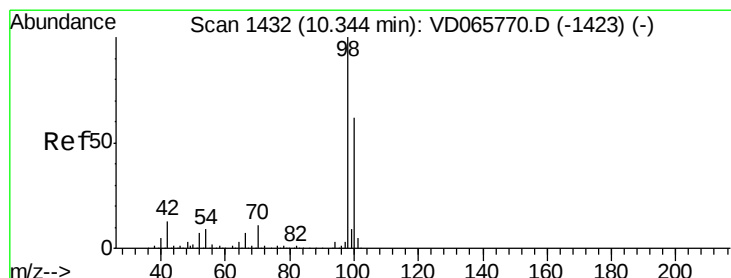
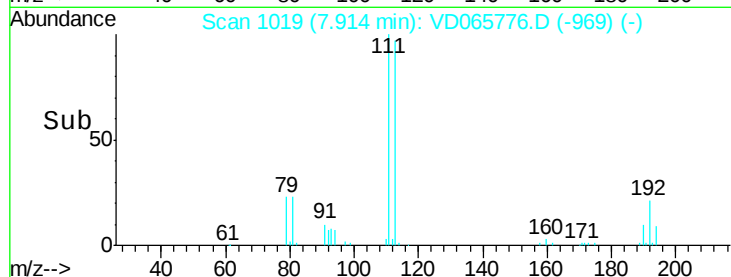
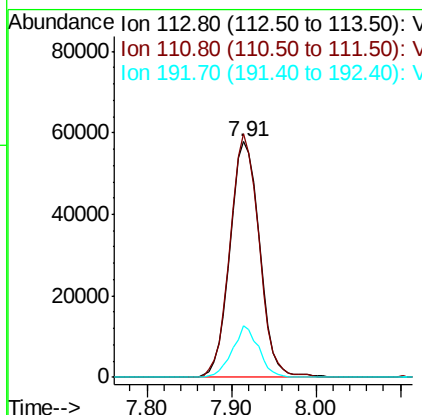
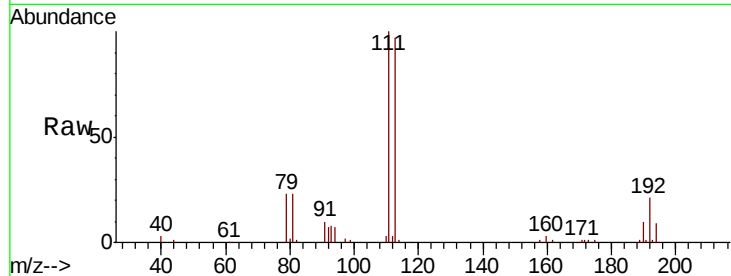




#35
 Dibromofluoromethane
 Concen: 51.979 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065776.D
 Acq: 08 Jun 2020 13:06

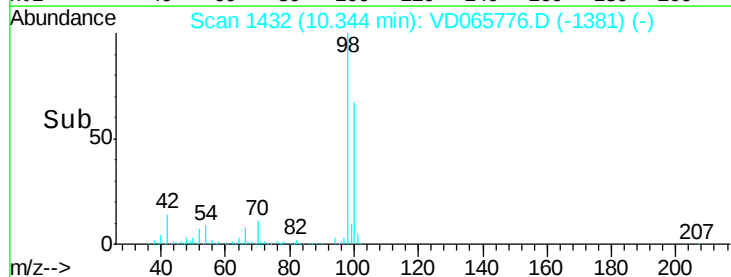
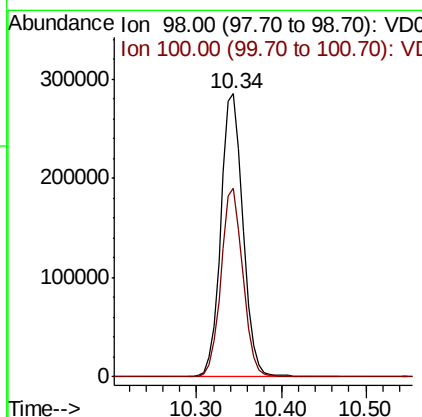
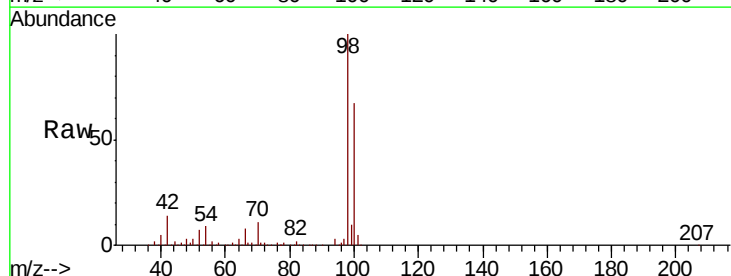
Instrument :
 MSVOA_D
 ClientSampleId :

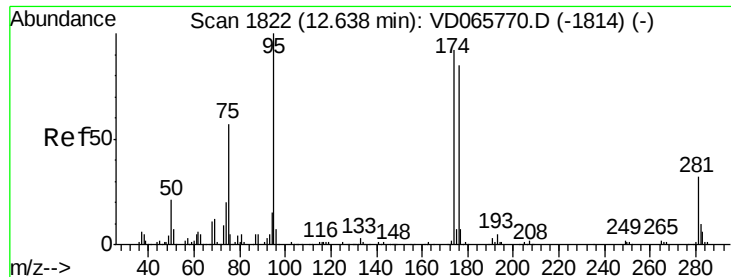
Tot Ion:113 Resp: 140442
 Ion Ratio Lower Upper
 113 100
 111 100.5 83.4 125.0
 192 19.4 15.7 23.5



#50
 Toluene-d8
 Concen: 51.553 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065776.D
 Acq: 08 Jun 2020 13:06

Tgt Ion: 98 Resp: 519405
 Ion Ratio Lower Upper
 98 100
 100 65.6 51.4 77.2

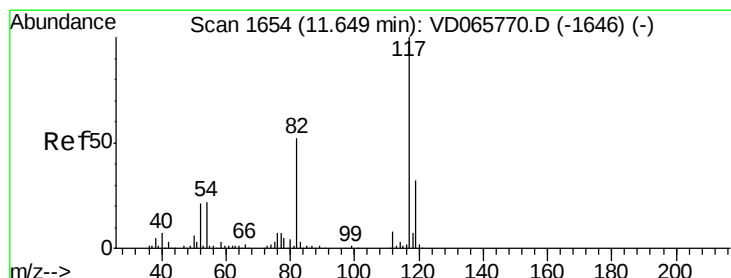
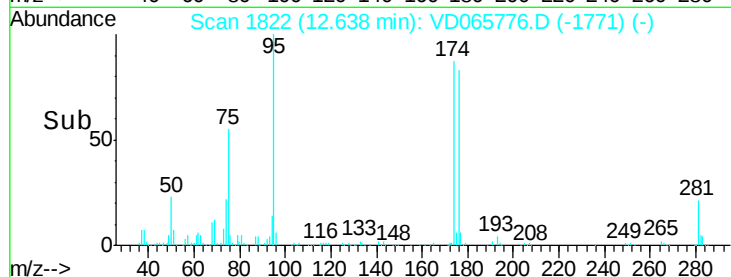
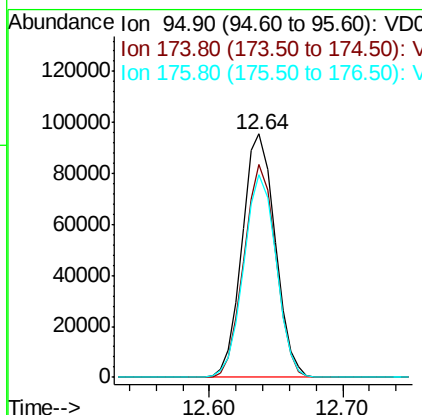
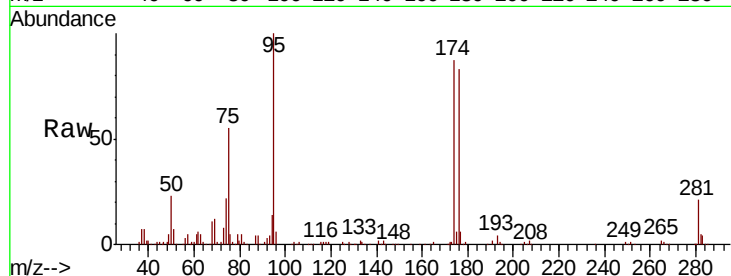




#62
4-Bromofluorobenzene
Concen: 47.869 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065776.D
Acq: 08 Jun 2020 13:06

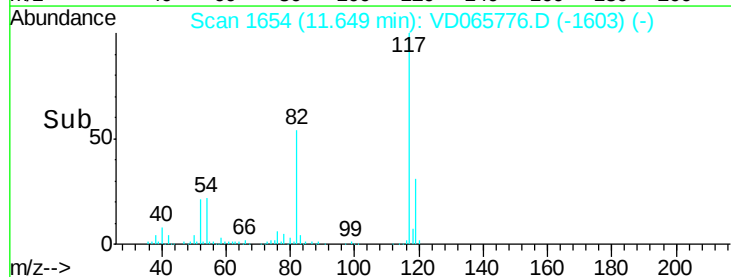
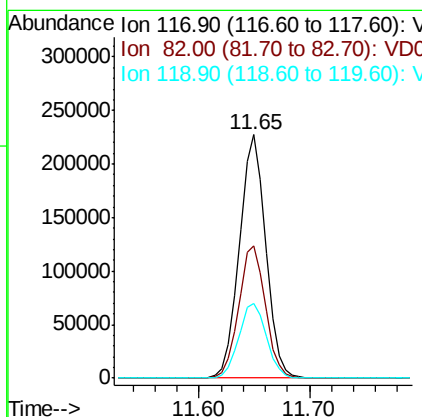
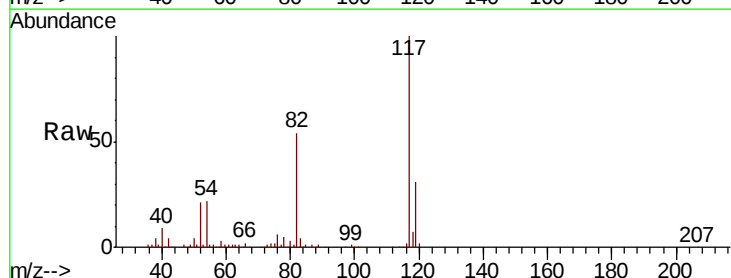
Instrument :
MSVOA_D
ClientSampleId :

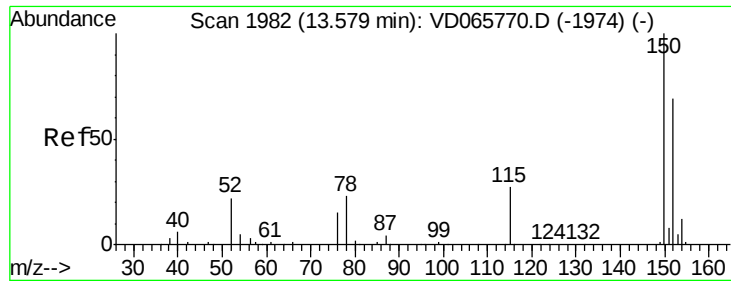
Tot Ion: 95 Resp: 163561
Ion Ratio Lower Upper
95 100
174 84.2 0.0 175.2
176 81.4 0.0 163.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065776.D
Acq: 08 Jun 2020 13:06

Tgt Ion: 117 Resp: 382046
Ion Ratio Lower Upper
117 100
82 54.5 41.9 62.9
119 30.8 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065776.D

Acq: 08 Jun 2020 13:06

Instrument :

MSVOA_D

ClientSampleId :

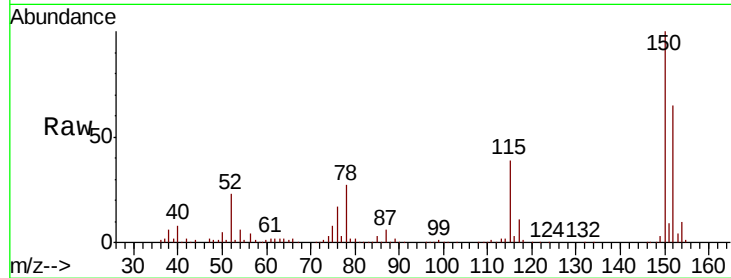
Tot Ion:152 Resp: 171977

Ion Ratio Lower Upper

152 100

115 58.9 28.7 86.1

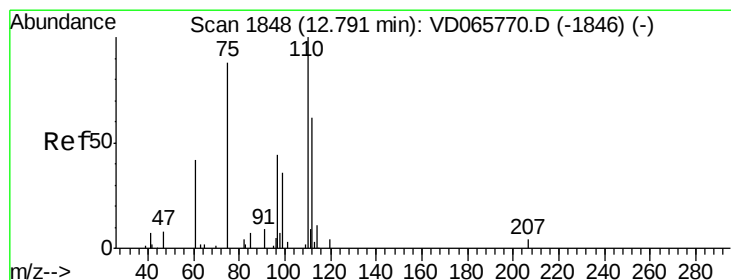
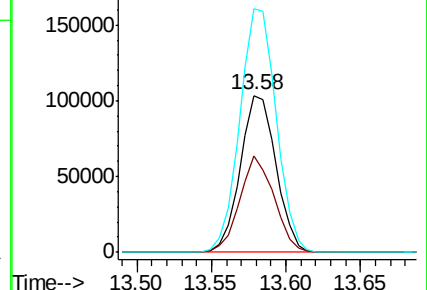
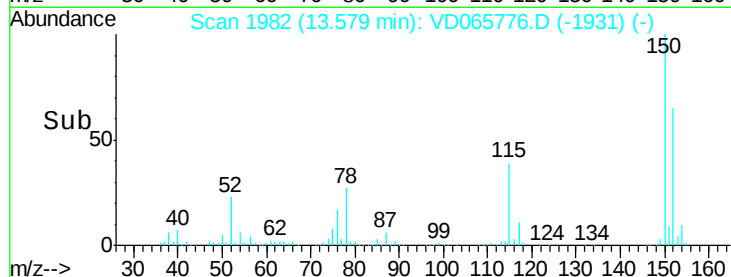
150 158.5 0.0 348.0



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: 67.245 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065776.D

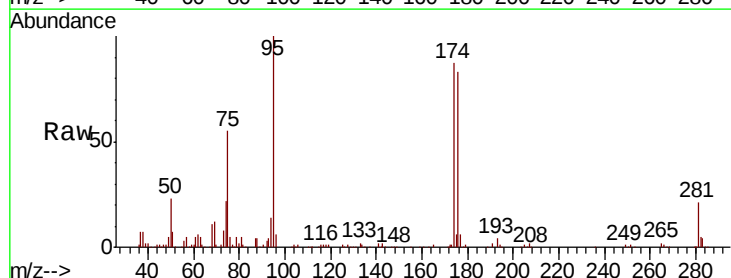
Acq: 08 Jun 2020 13:06

Tgt Ion: 75 Resp: 89939

Ion Ratio Lower Upper

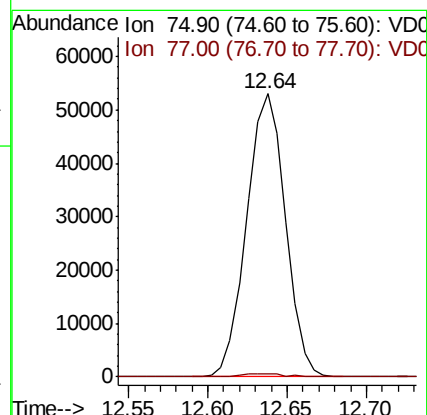
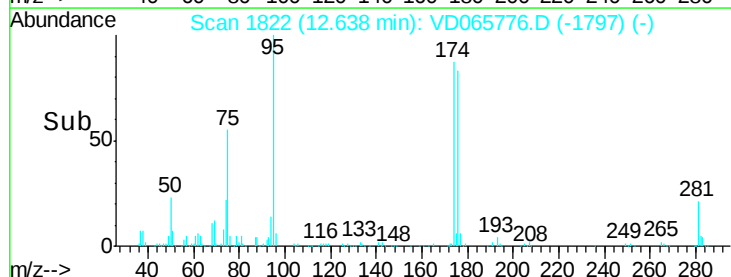
75 100

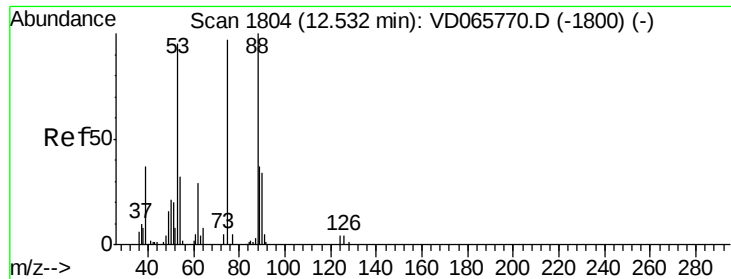
77 1.3 0.0 0.0#



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: 145.290 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD065776.D
 Acq: 08 Jun 2020 13:06

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 89939
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 123.8#
 89 0.1 35.9 53.9#

