

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
 Data File : VD066971.D
 Acq On : 30 Sep 2020 14:03
 Operator : VA/SY
 Sample : L4179-12RE
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(9-11)

Quant Time: Oct 01 00:55:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	469052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	778196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	799693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	370403	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	212975	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
35) Dibromofluoromethane	7.91	113	241205	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
50) Toluene-d8	10.34	98	928673	55.05	ug/l	0.00
Spiked Amount			Recovery	=	110.10%	
62) 4-Bromofluorobenzene	12.63	95	353697	61.25	ug/l	0.00
Spiked Amount			Recovery	=	122.50%	

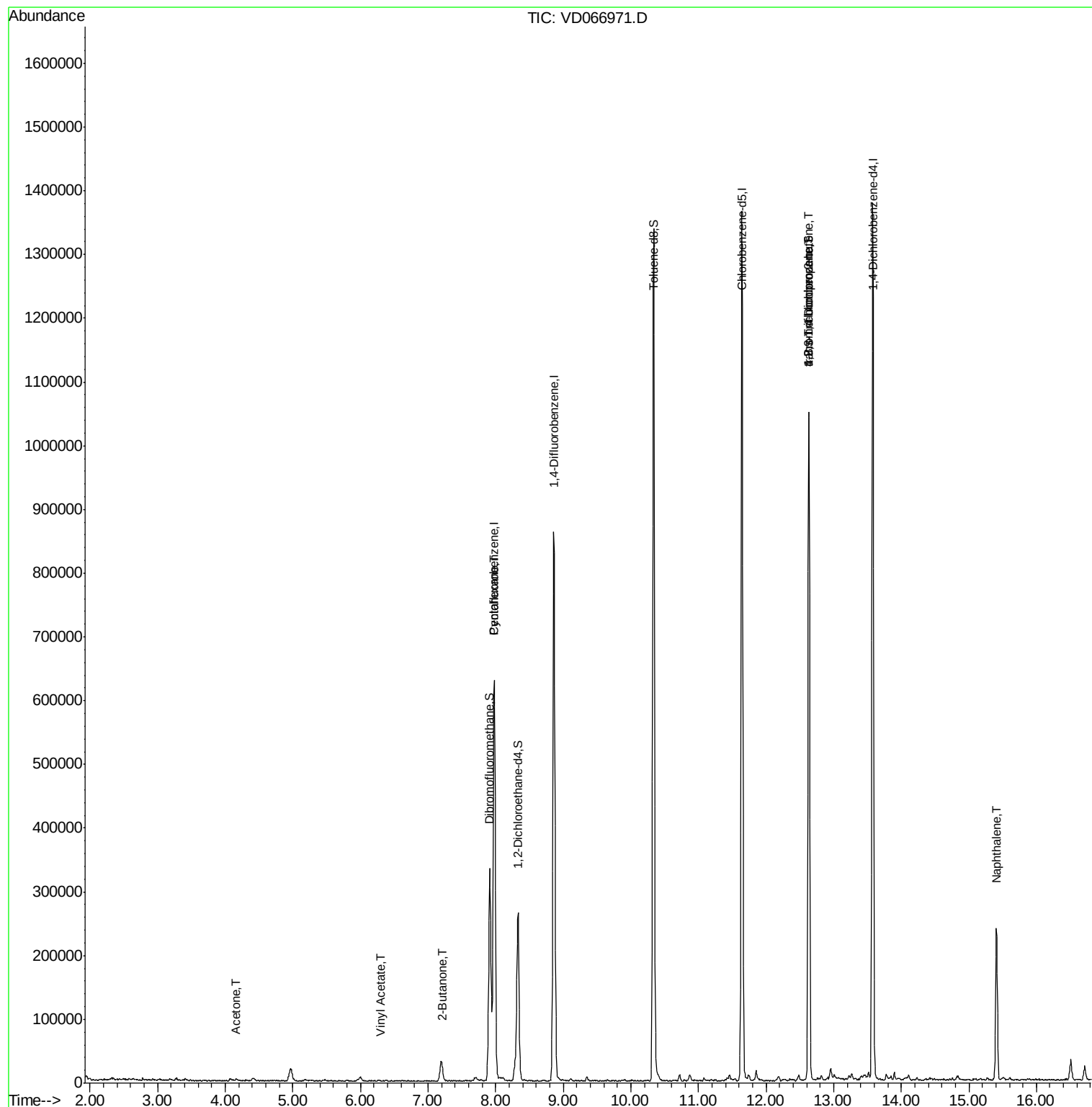
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	1091	Below Cal		95
11) Tert butyl alcohol	5.20	59	1309	Below Cal	#	72
16) Acetone	4.16	43	5159	5.297	ug/l	100
18) Methyl Acetate	4.74	43	59	Below Cal	#	50
20) Methylene Chloride	4.96	84	15426	Below Cal		91
23) Vinyl Acetate	6.31	43	231	2.702	ug/l #	71
25) 2-Butanone	7.21	43	2563	2.190	ug/l #	81
31) Cyclohexane	7.98	56	11071	1.326	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	176795	57.595	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	176795	144.098	ug/l #	10
95) Naphthalene	15.41	128	211053	18.669	ug/l	99

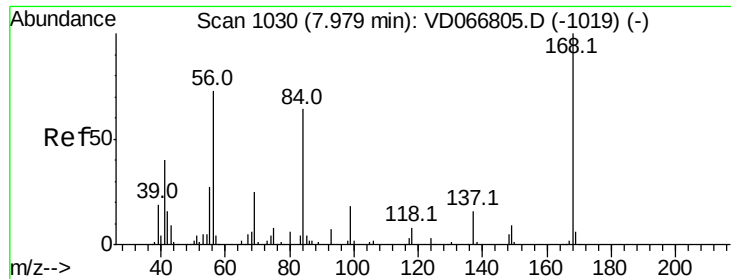
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD093020\
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Quant Time: Oct 01 00:55:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066971.D

Acq: 30 Sep 2020 14:03

Instrument :

MSVOA_D

ClientSampleId :

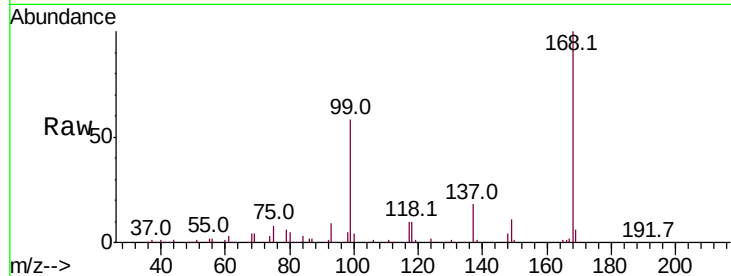
B-11(9-11)

Tot Ion:168 Resp: 469052

Ion Ratio Lower Upper

168 100

99 58.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

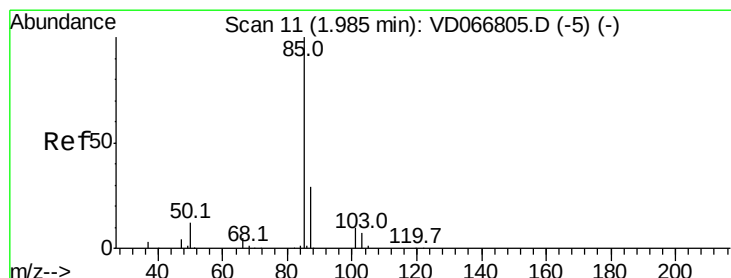
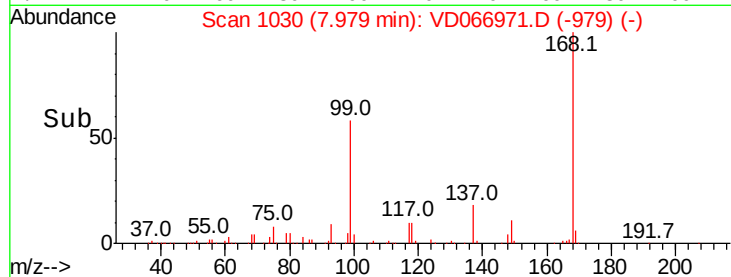
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066971.D

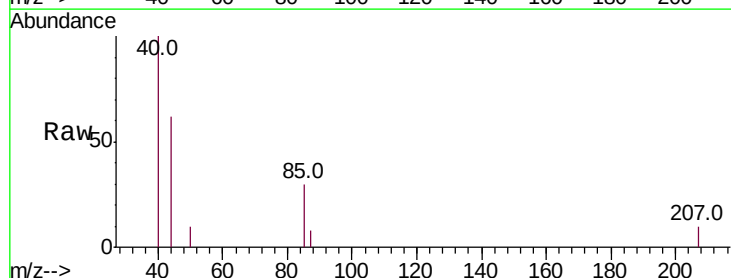
Acq: 30 Sep 2020 14:03

Tgt Ion: 85 Resp: 1091

Ion Ratio Lower Upper

85 100

87 26.4 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

1000

800

600

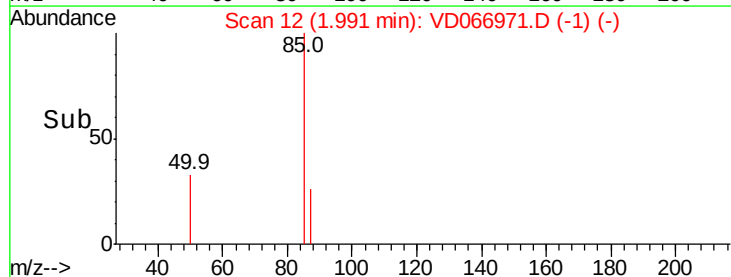
400

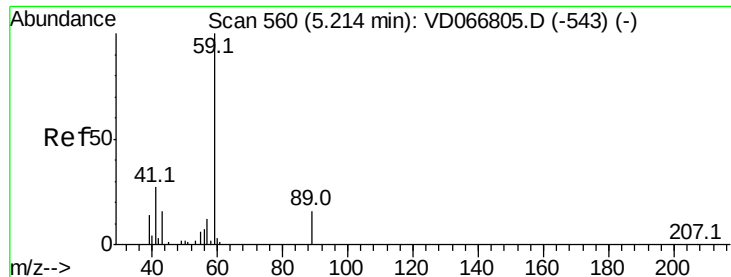
200

0

1.94 1.96 1.98 2.00 2.02

Time-->

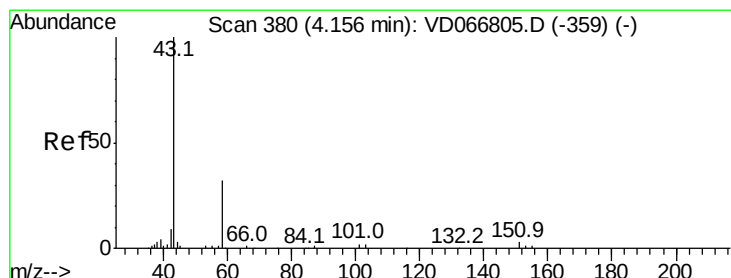
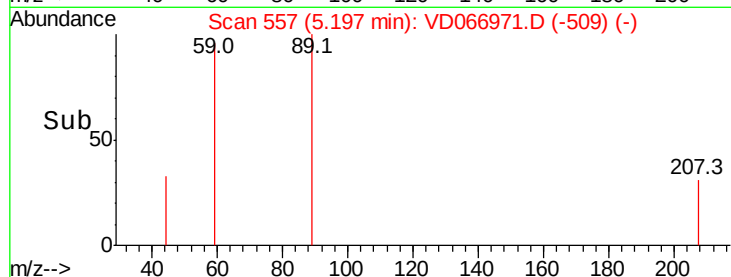
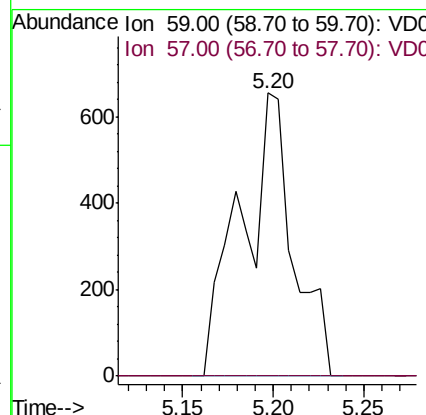
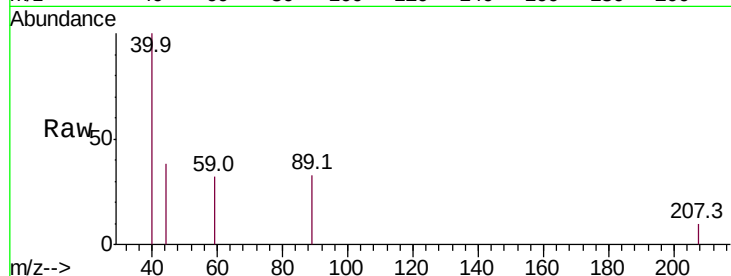




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.20 min Scan# 557
Delta R.T. -0.02 min
Lab File: VD066971.D
Acq: 30 Sep 2020 14:03

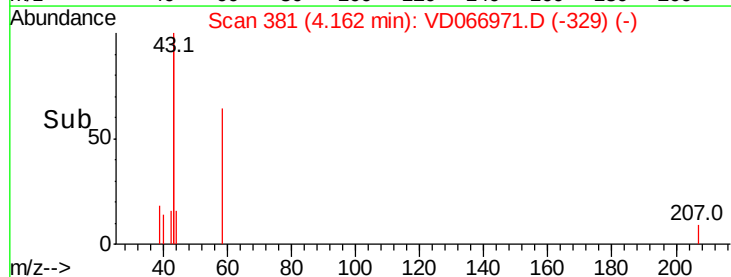
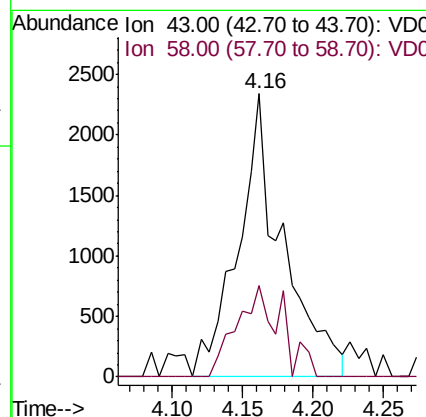
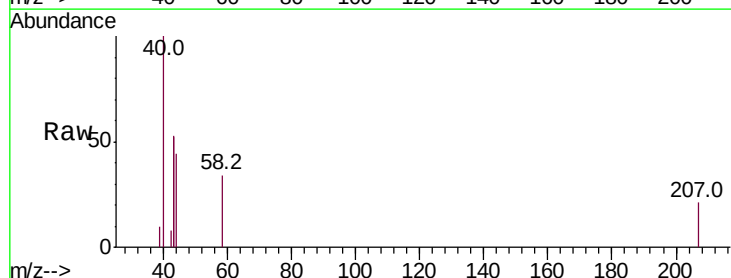
Instrument :
MSVOA_D
ClientSampleId :
B-11(9-11)

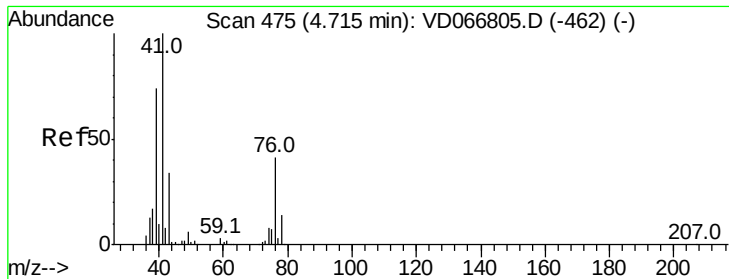
Tot Ion: 59 Resp: 1309
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 5.297 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066971.D
Acq: 30 Sep 2020 14:03

Tgt Ion: 43 Resp: 5159
Ion Ratio Lower Upper
43 100
58 32.2 25.6 38.4

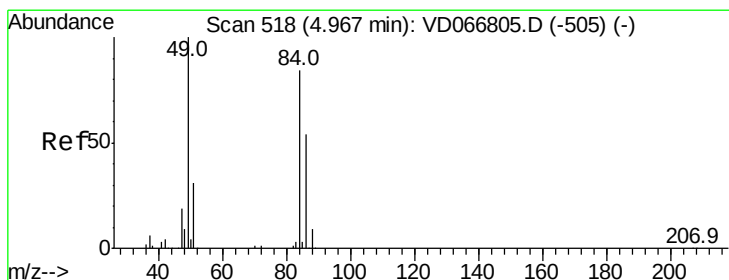
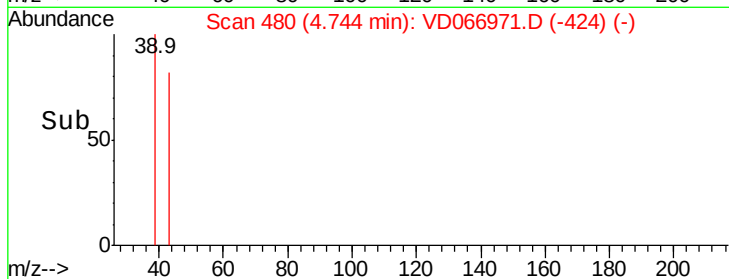
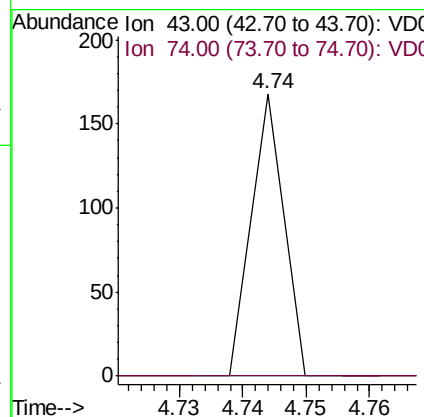
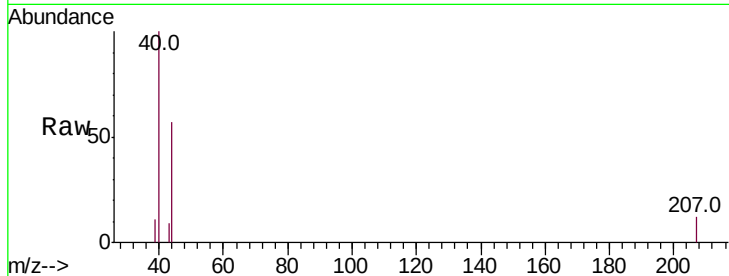




#18
Methyl Acetate
Concen: Below Cal
RT: 4.74 min Scan# 480
Delta R.T. 0.03 min
Lab File: VD066971.D
Acq: 30 Sep 2020 14:03

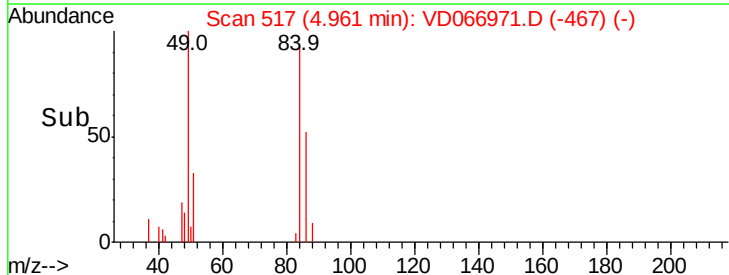
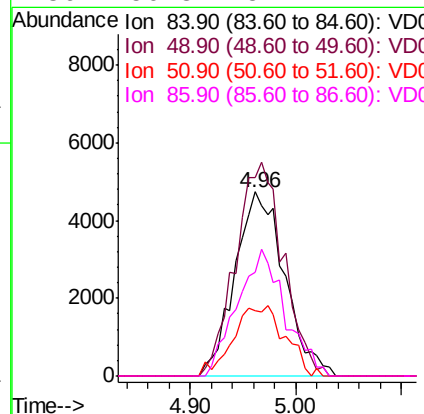
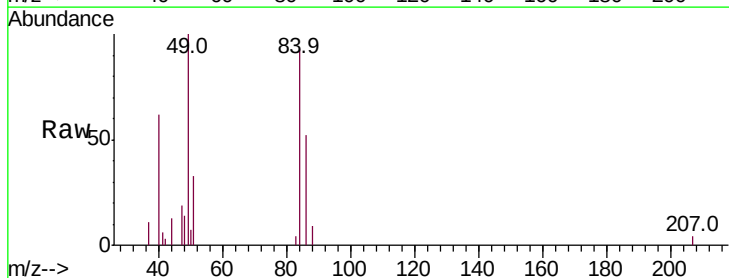
Instrument :
MSVOA_D
ClientSampleId :
B-11(9-11)

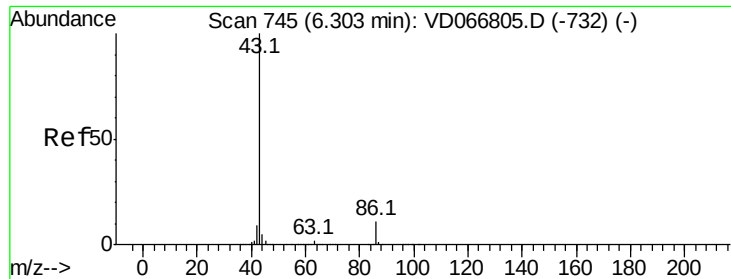
Tot Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066971.D
Acq: 30 Sep 2020 14:03

Tgt Ion: 84 Resp: 15426
Ion Ratio Lower Upper
84 100
49 108.1 95.4 143.2
51 35.4 29.7 44.5
86 56.3 51.4 77.2

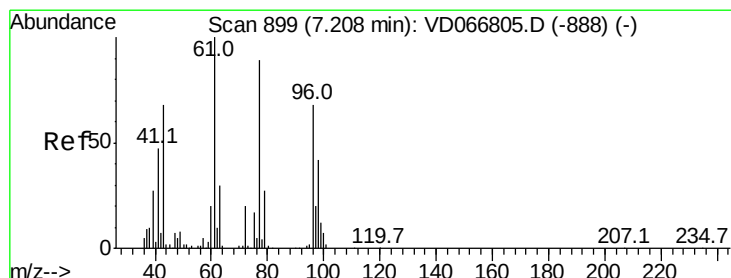
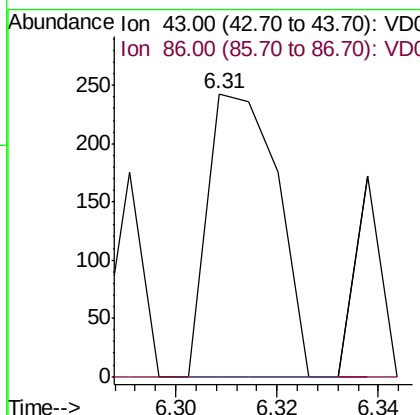
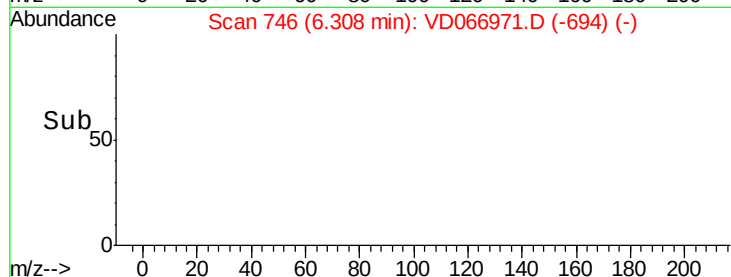
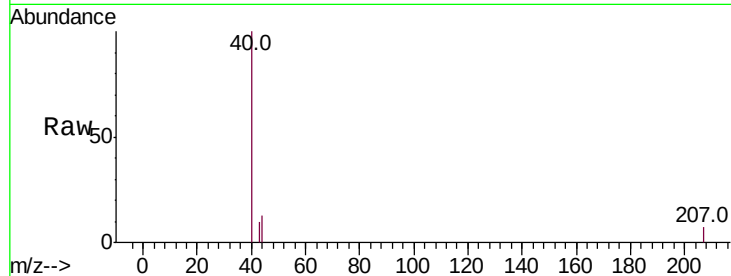




#23
 Vinyl Acetate
 Concen: 2.702 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: VD066971.D
 Acq: 30 Sep 2020 14:03

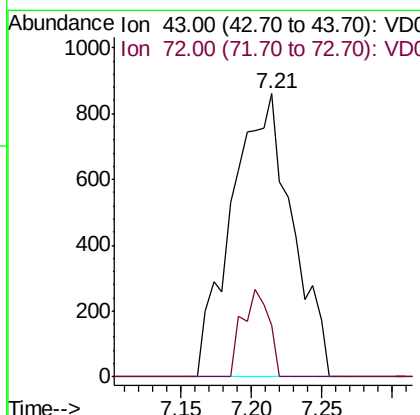
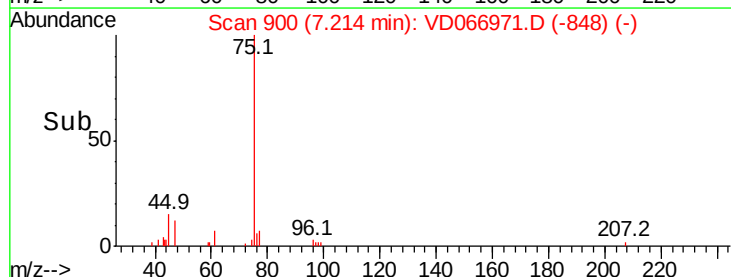
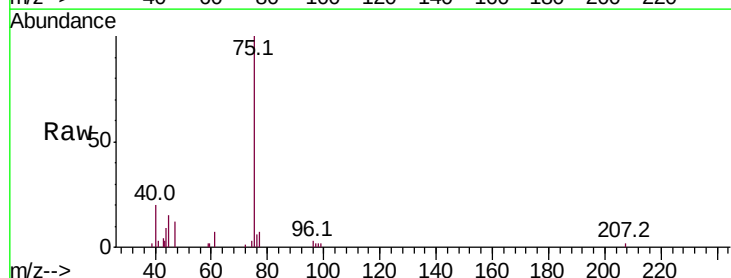
Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(9-11)

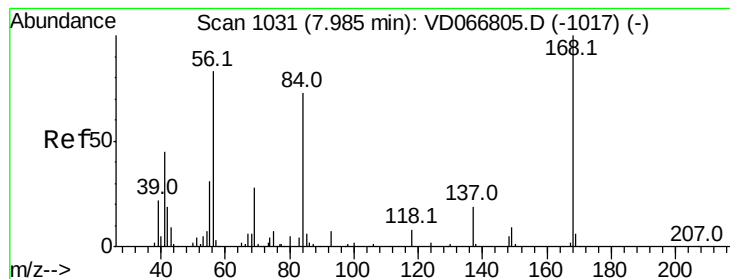
Tot Ion: 43 Resp: 231
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.9 13.3#



#25
 2-Butanone
 Concen: 2.190 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066971.D
 Acq: 30 Sep 2020 14:03

Tgt Ion: 43 Resp: 2563
 Ion Ratio Lower Upper
 43 100
 72 18.4 22.9 34.3#





#31

Cyclohexane

Concen: 1.326 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066971.D

Acq: 30 Sep 2020 14:03

Instrument :

MSVOA_D

ClientSampleId :

B-11(9-11)

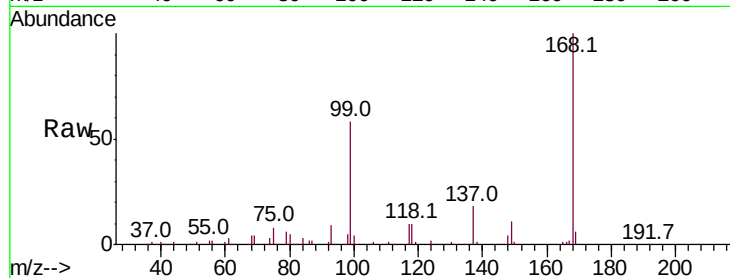
Tot Ion: 56 Resp: 11071

Ion Ratio Lower Upper

56 100

69 165.6 27.0 40.4#

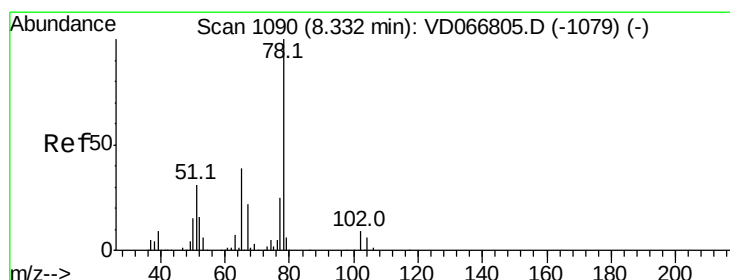
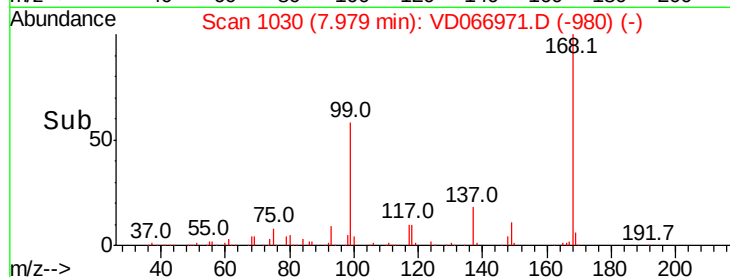
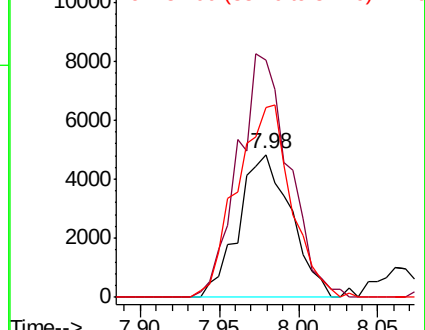
84 133.0 70.2 105.4#



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: 46.391 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066971.D

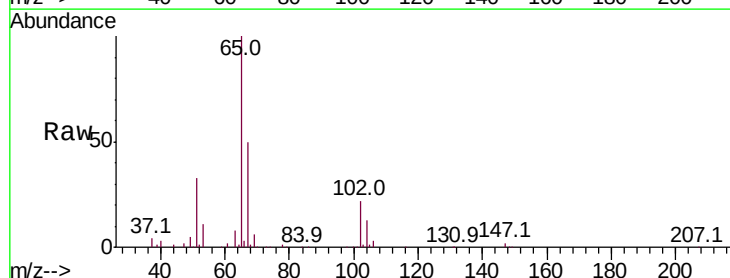
Acq: 30 Sep 2020 14:03

Tgt Ion: 65 Resp: 212975

Ion Ratio Lower Upper

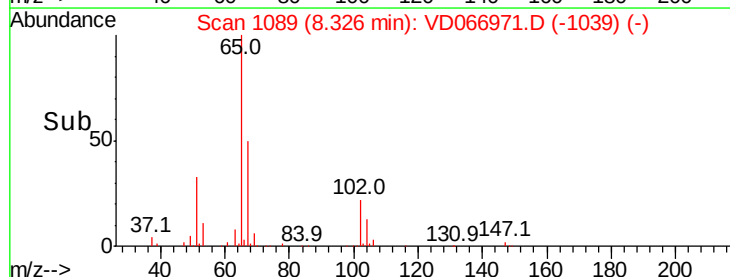
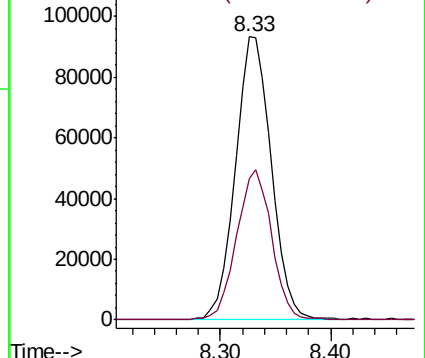
65 100

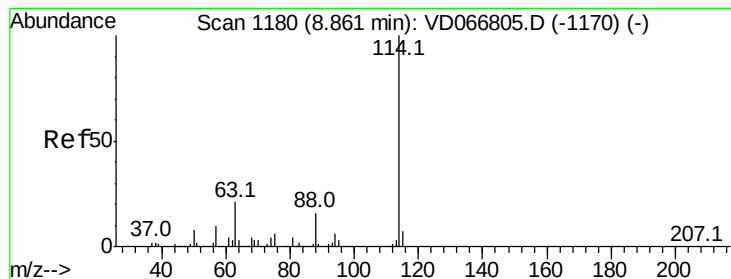
67 51.9 0.0 107.2



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. -0.00 min

Lab File: VD066971.D

Acq: 30 Sep 2020 14:03

Instrument :

MSVOA_D

ClientSampleId :

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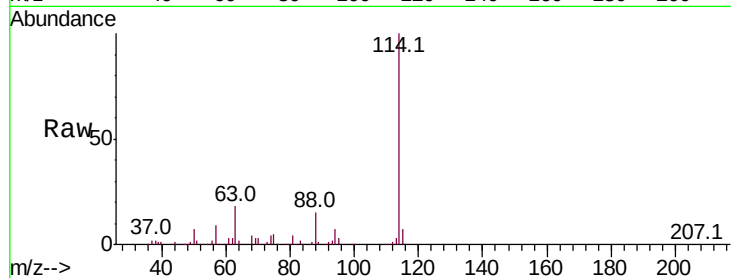
Tot Ion:114 Resp: 778196

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.6

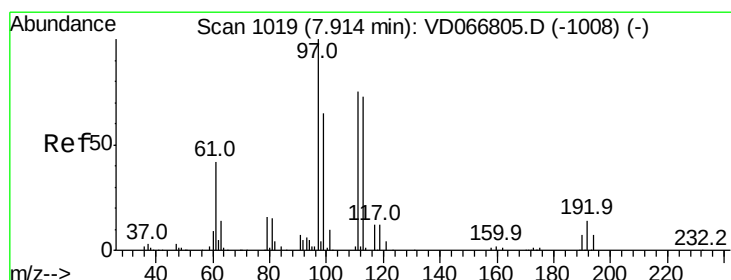
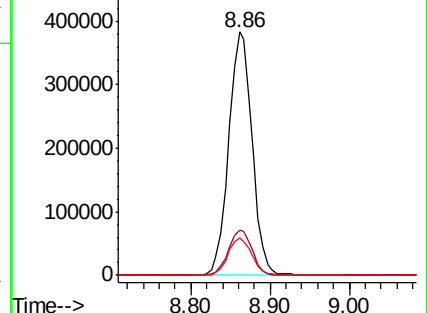
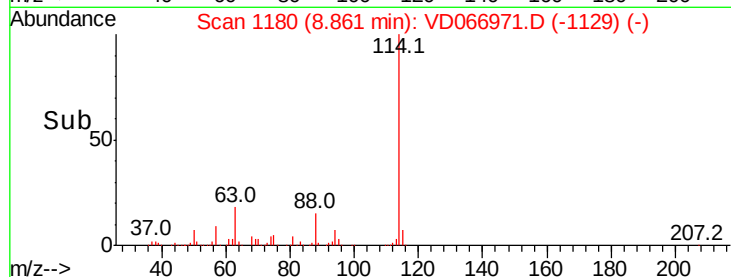
88 15.3 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 48.720 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066971.D

Acq: 30 Sep 2020 14:03

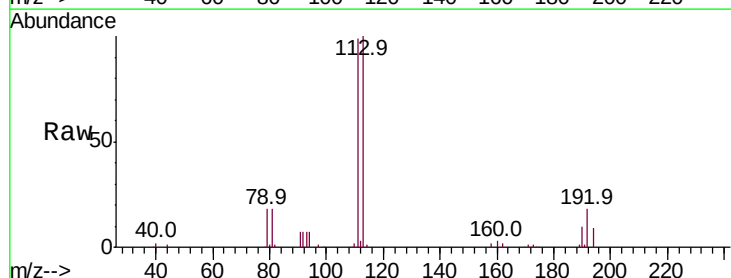
Tgt Ion:113 Resp: 241205

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

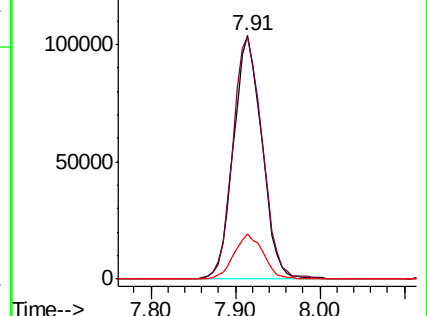
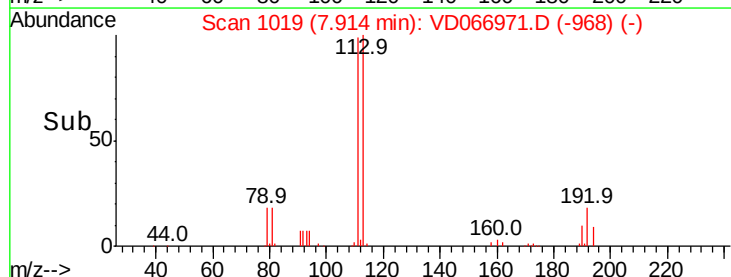
192 18.8 14.4 21.6

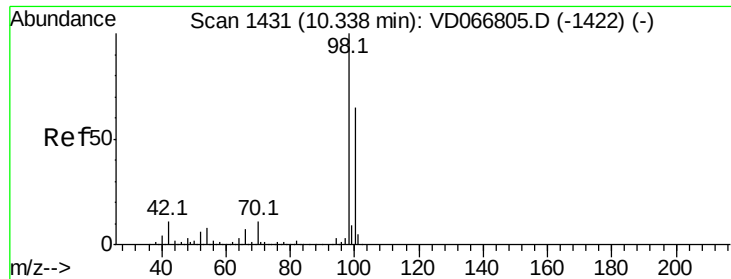


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

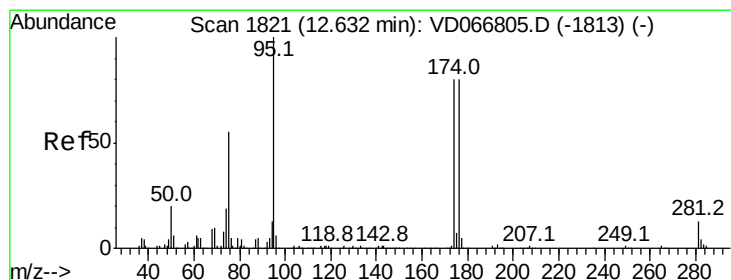
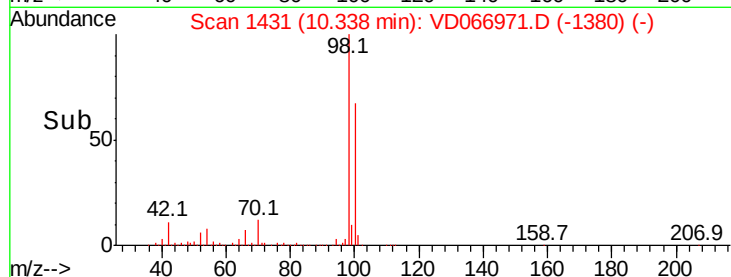
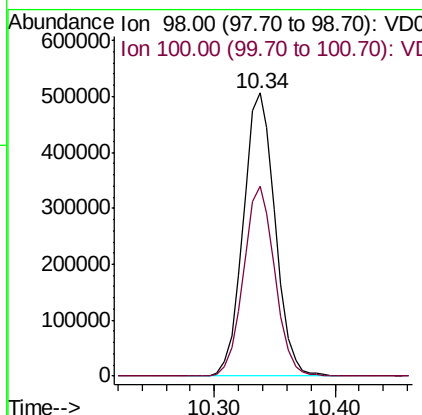
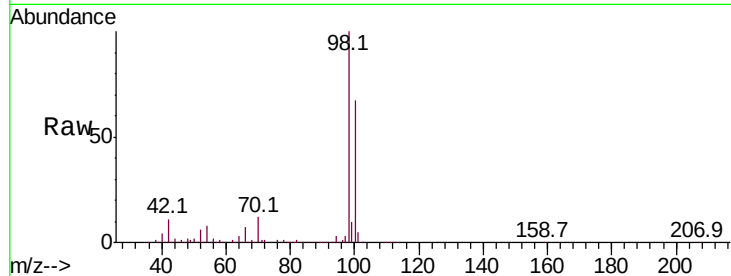




#50
Toluene-d8
Concen: 55.054 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066971.D
Acq: 30 Sep 2020 14:03

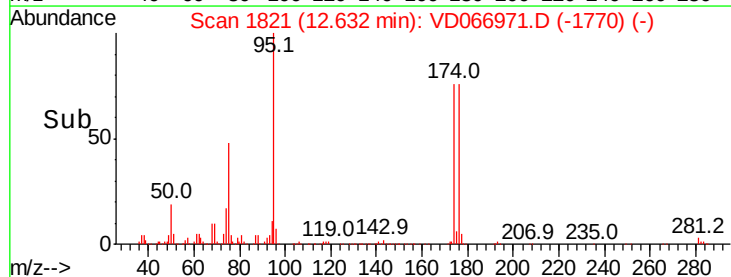
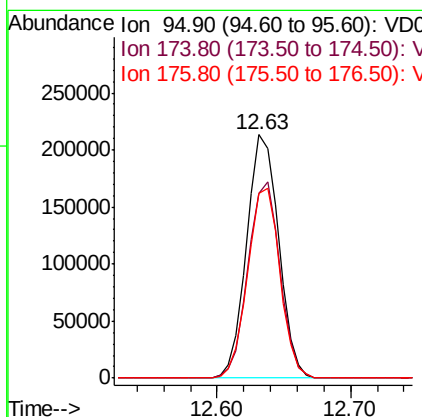
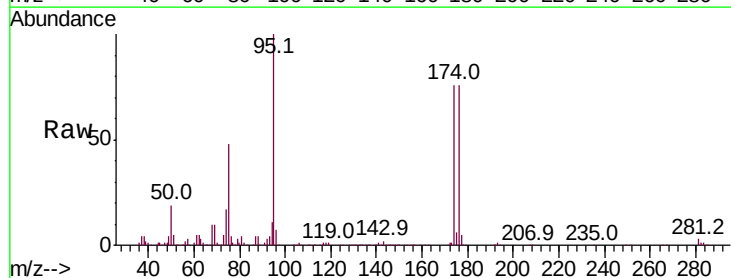
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B-11(9-11)

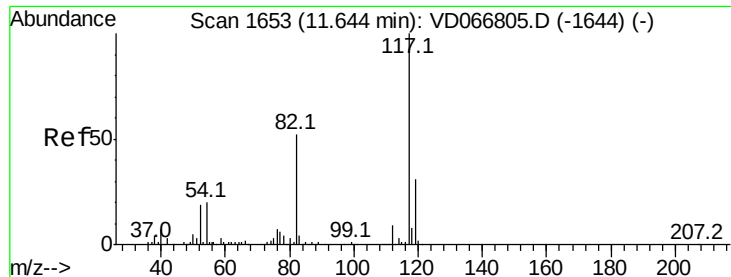
Tot Ion: 98 Resp: 928673
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 61.250 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066971.D
Acq: 30 Sep 2020 14:03

Tgt Ion: 95 Resp: 353697
Ion Ratio Lower Upper
95 100
174 80.3 0.0 159.8
176 78.5 0.0 154.4

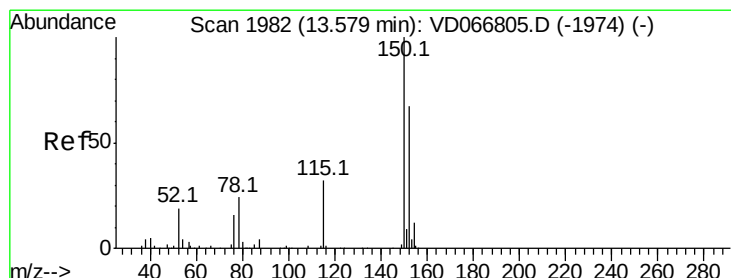
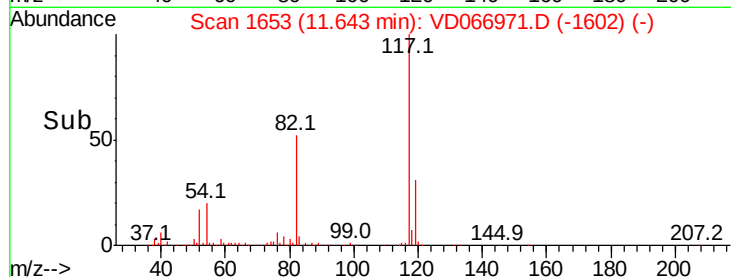
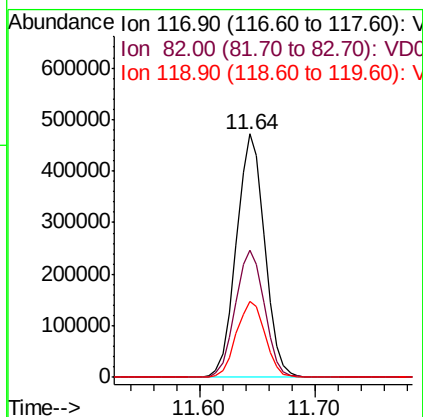
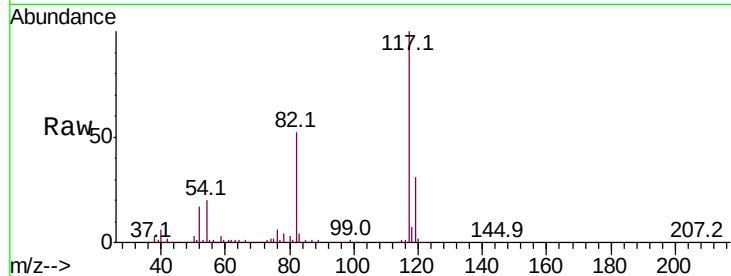




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066971.D
Acq: 30 Sep 2020 14:03

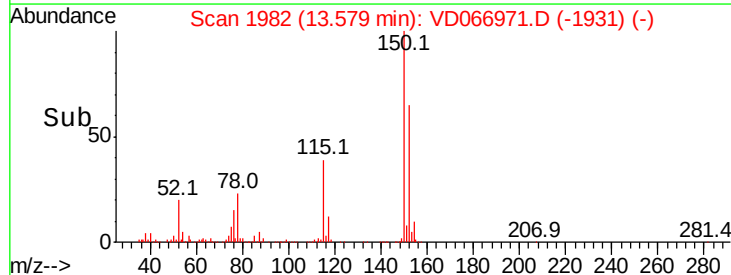
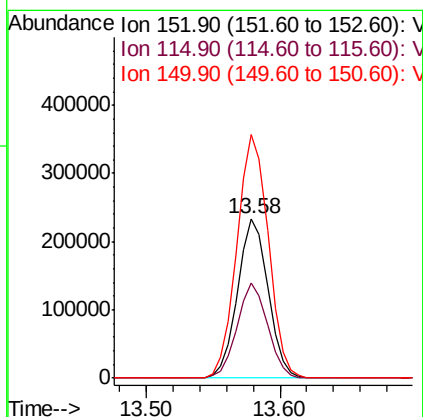
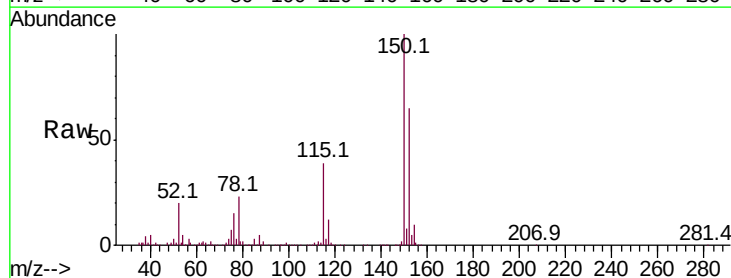
Instrument :
MSVOA_D
ClientSampleId :
B-11(9-11)

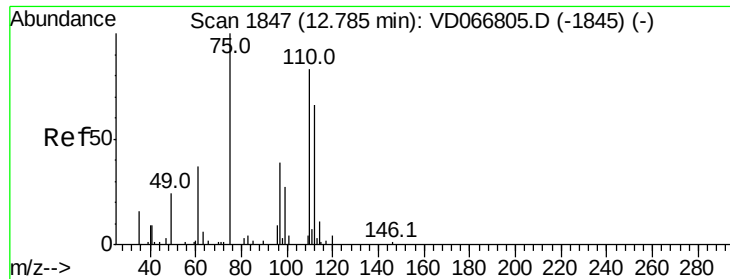
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.8	62.6
119	31.1	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066971.D
Acq: 30 Sep 2020 14:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.3	91.0
150	156.7	0.0	346.2

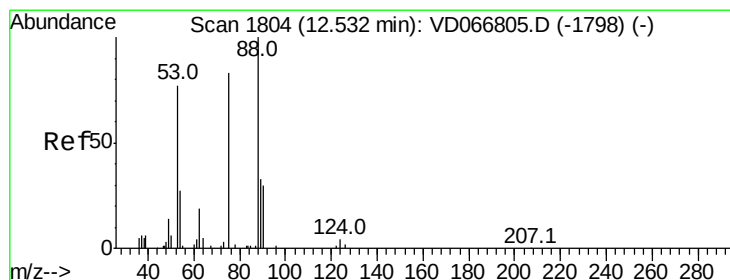
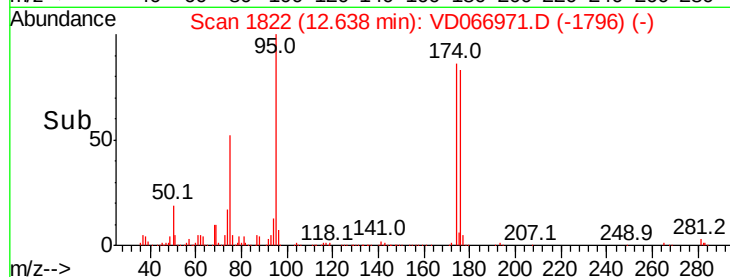
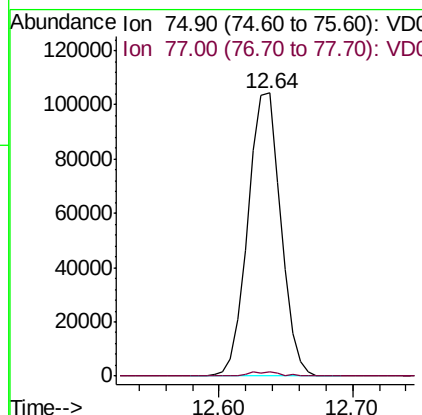
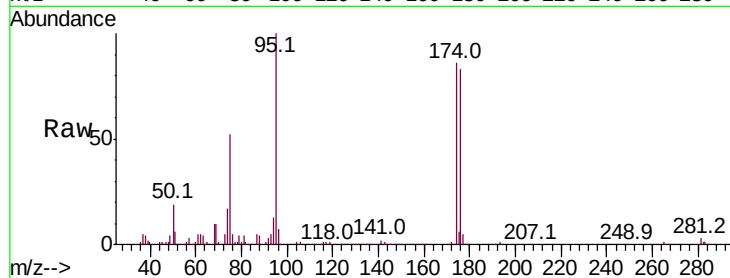




#76
 1,2,3-Trichloropropane
 Concen: 57.595 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD066971.D
 Acq: 30 Sep 2020 14:03

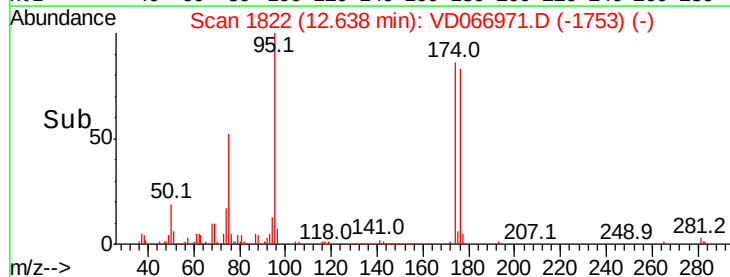
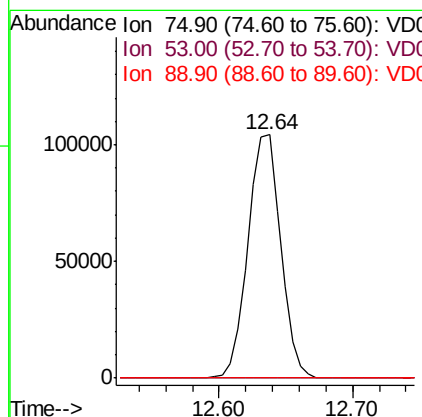
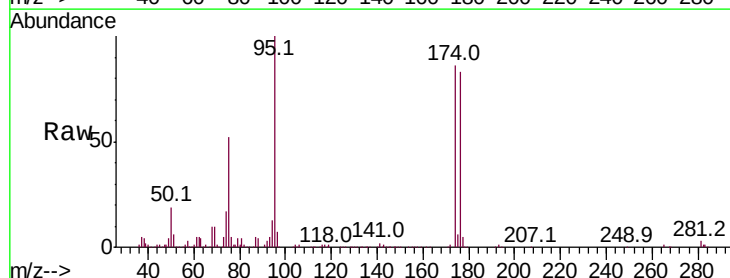
Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(9-11)

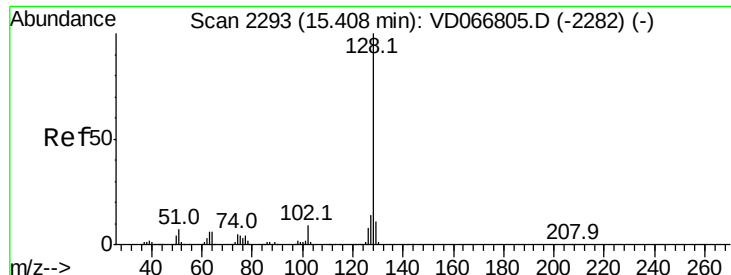
Tot Ion: 75 Resp: 176795
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.098 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD066971.D
 Acq: 30 Sep 2020 14:03

Tgt Ion: 75 Resp: 176795
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.5 117.7#
 89 0.1 38.1 57.1#





#95

Naphthalene

Concen: 18.669 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066971.D

Acq: 30 Sep 2020 14:03

Instrument :

MSVOA_D

ClientSampleId :

B-11(9-11)

Tot Ion:128 Resp: 211053

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.7 8.9 13.3

