

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091520\
 Data File : VD066710.D
 Acq On : 15 Sep 2020 21:38
 Operator : VA/SY
 Sample : L3928-08RE
 Misc : 6.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7-16.0-16.5

Quant Time: Sep 16 01:47:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	372054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	704796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	671565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	297887	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	248441	62.59	ug/l	0.00
Spiked Amount			Recovery	=	125.18%	
35) Dibromofluoromethane	7.91	113	240960	55.76	ug/l	0.00
Spiked Amount			Recovery	=	111.52%	
50) Toluene-d8	10.34	98	876060	56.91	ug/l	0.00
Spiked Amount			Recovery	=	113.82%	
62) 4-Bromofluorobenzene	12.63	95	295322	55.57	ug/l	0.00
Spiked Amount			Recovery	=	111.14%	

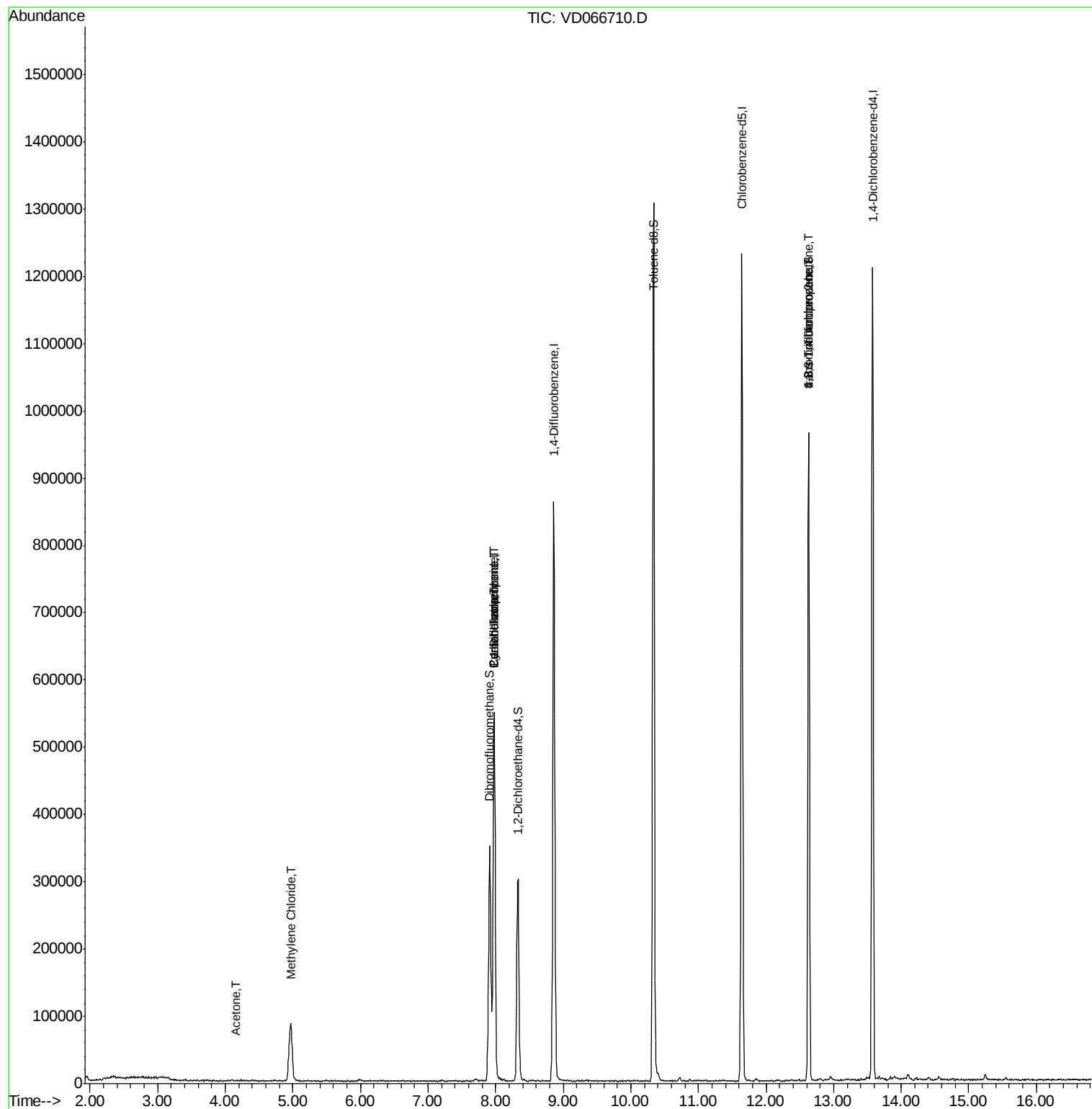
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	303	Below Cal	#	49
16) Acetone	4.17	43	1825	2.258	ug/l	94
18) Methyl Acetate	4.75	43	61	Below Cal	#	52
20) Methylene Chloride	4.97	84	67558	9.598	ug/l	89
31) Cyclohexane	7.97	56	10898	1.554	ug/l #	43
36) 1,1-Dichloropropene	7.97	75	34804	4.803	ug/l #	52
38) Carbon Tetrachloride	7.97	117	42055	5.465	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	161323	63.269	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	161323	136.546	ug/l #	8

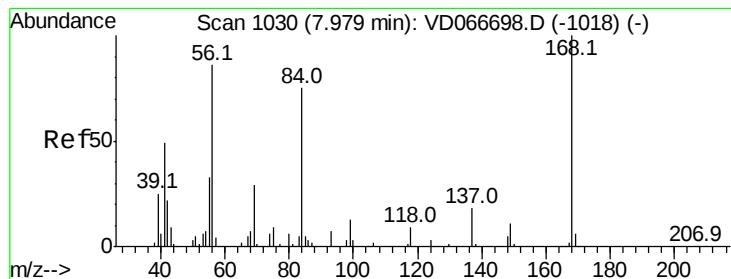
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091520\
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SB-7-16.0-16.5

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 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: VD066710.D

Acq: 15 Sep 2020 21:38

Instrument :

MSVOA_D

ClientSampleId :

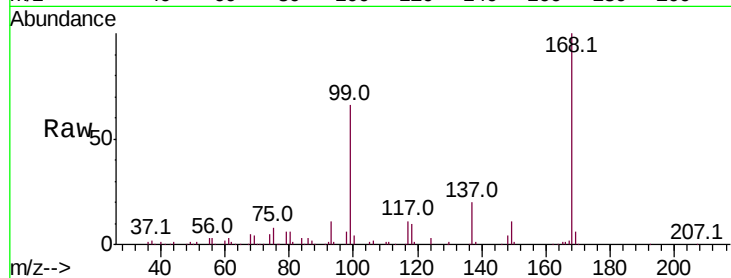
SB-7-16.0-16.5

Tot Ion:168 Resp: 372054

Ion Ratio Lower Upper

168 100

99 65.4 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

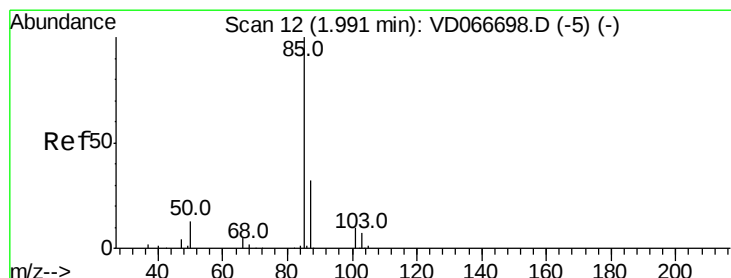
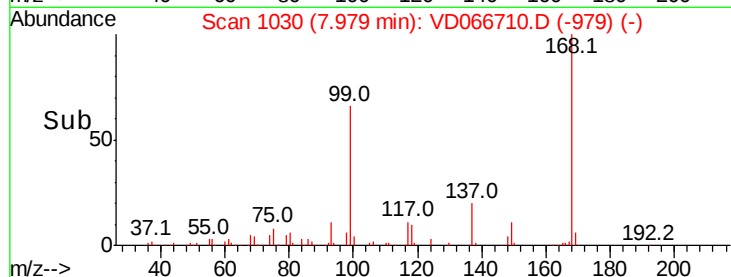
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD066710.D

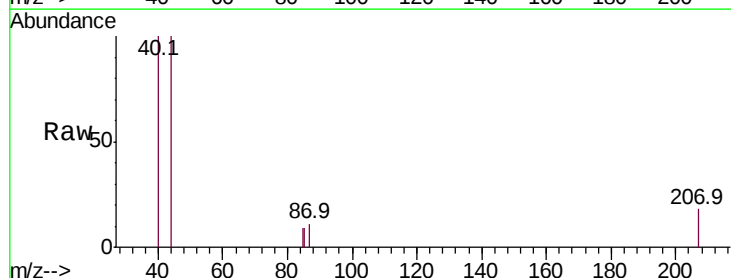
Acq: 15 Sep 2020 21:38

Tgt Ion: 85 Resp: 303

Ion Ratio Lower Upper

85 100

87 60.2 15.9 47.6#



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): V

1.99

500

400

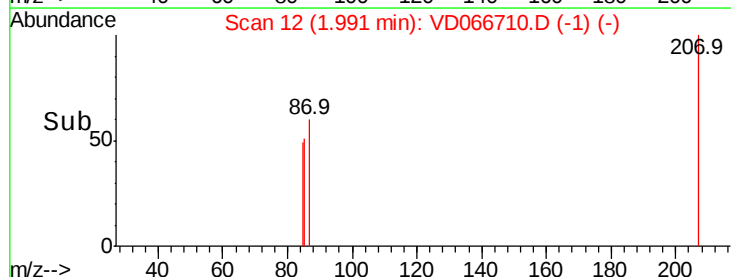
300

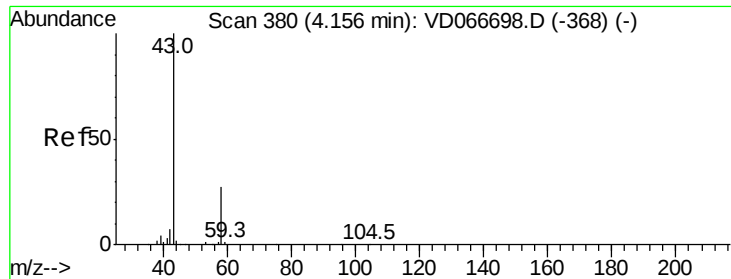
200

100

0

Time-->





#16

Acetone

Concen: 2.258 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066710.D

Acq: 15 Sep 2020 21:38

Instrument :

MSVOA_D

ClientSampleId :

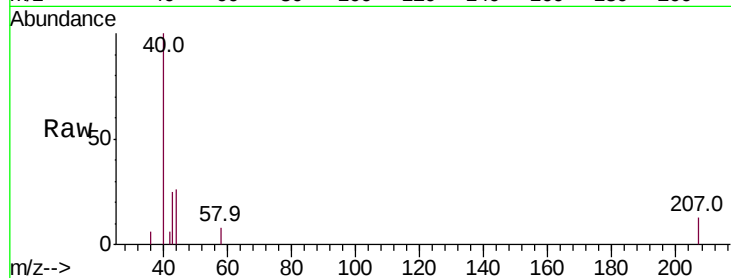
SB-7-16.0-16.5

Tot Ion: 43 Resp: 1825

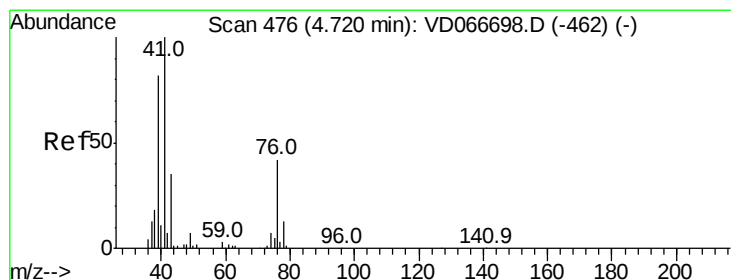
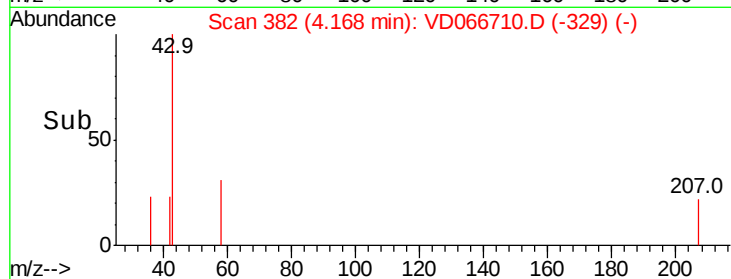
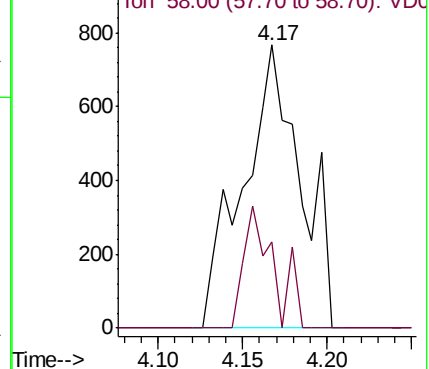
Ion Ratio Lower Upper

43 100

58 30.6 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC



#18

Methyl Acetate

Concen: Below Cal

RT: 4.75 min Scan# 481

Delta R.T. 0.03 min

Lab File: VD066710.D

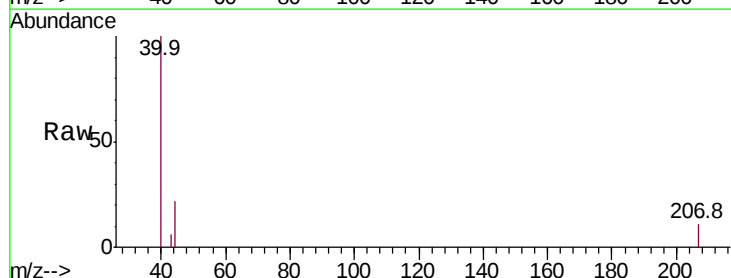
Acq: 15 Sep 2020 21:38

Tgt Ion: 43 Resp: 61

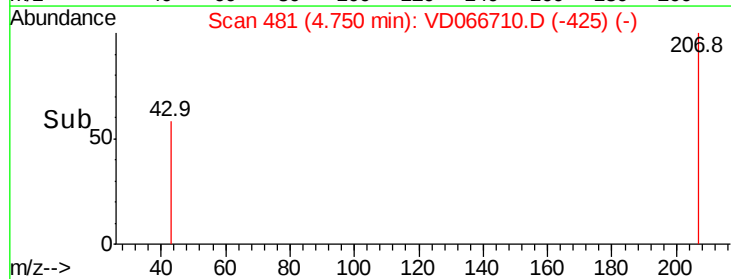
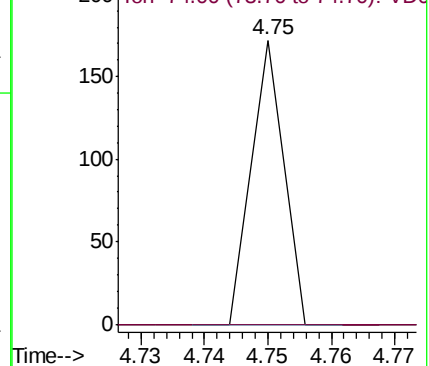
Ion Ratio Lower Upper

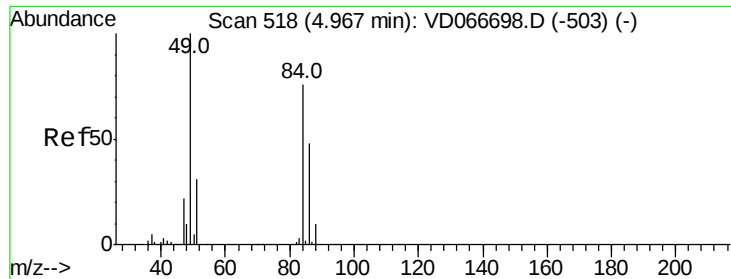
43 100

74 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

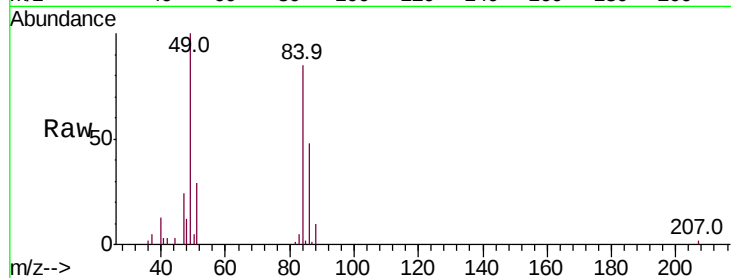




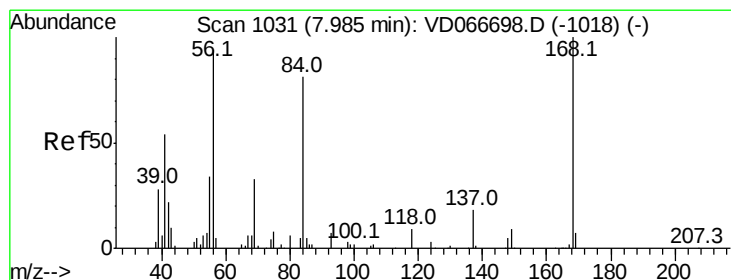
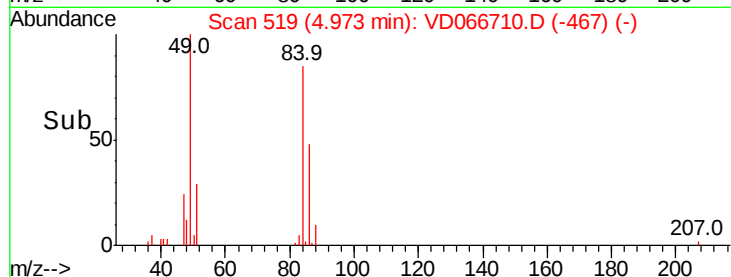
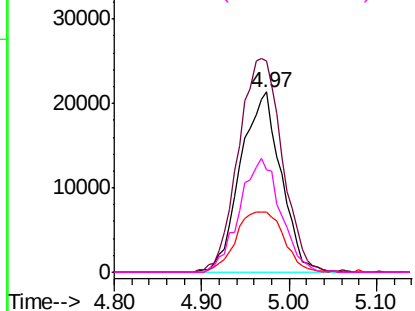
#20
Methvlene Chloride
Concen: 9.598 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066710.D
Acq: 15 Sep 2020 21:38

Instrument :
MSVOA_D
ClientSampleId :
SB-7-16.0-16.5

Tot Ion: 84 Resp: 67558
Ion Ratio Lower Upper
84 100
49 117.5 105.0 157.6
51 33.5 32.2 48.4
86 56.5 50.4 75.6

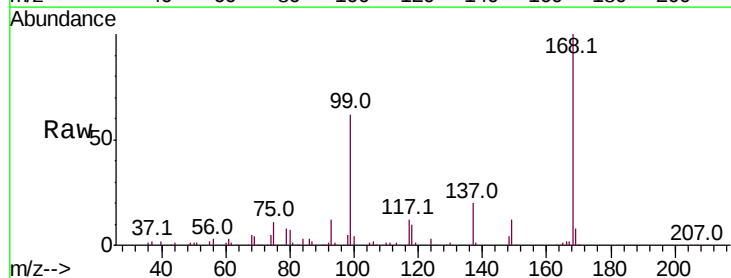


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

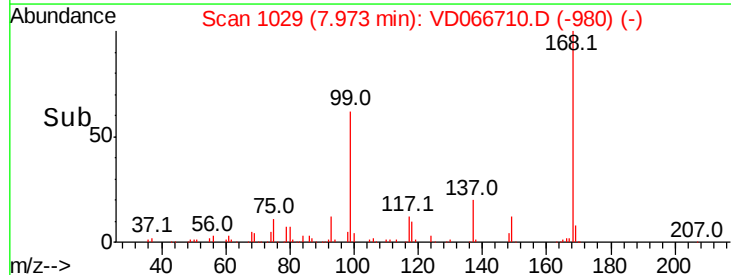
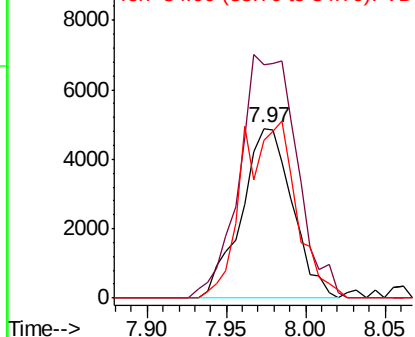


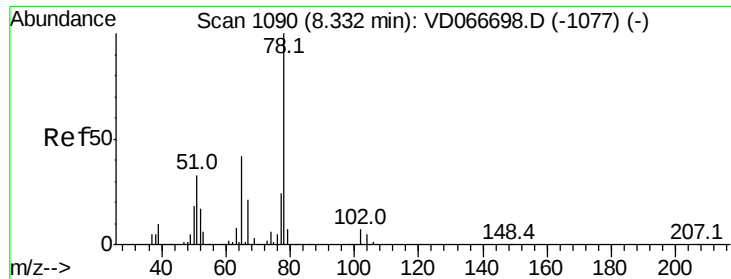
#31
Cyclohexane
Concen: 1.554 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066710.D
Acq: 15 Sep 2020 21:38

Tgt Ion: 56 Resp: 10898
Ion Ratio Lower Upper
56 100
69 137.7 27.7 41.5#
84 93.4 68.5 102.7



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

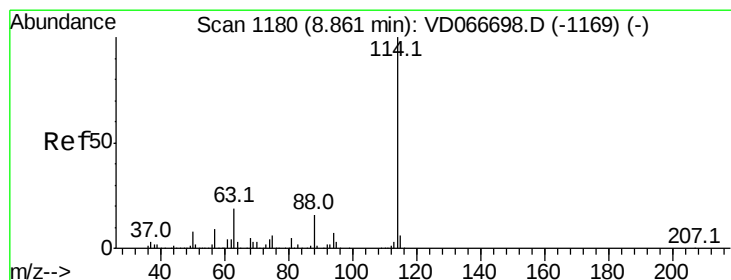
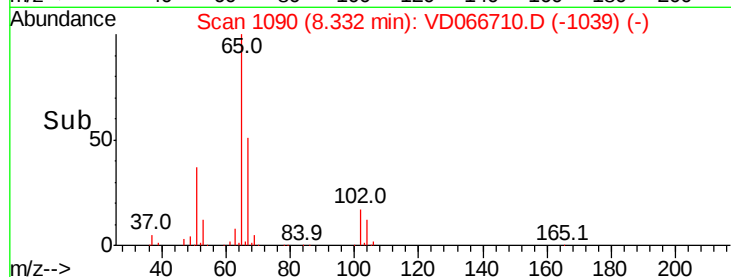
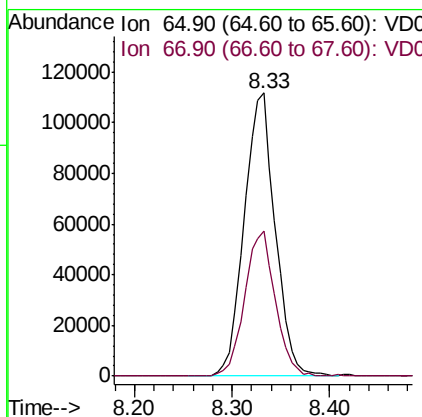
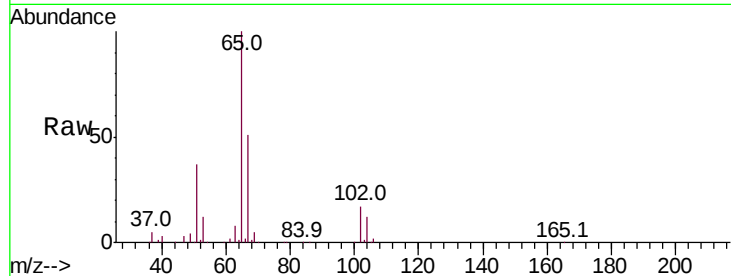




#33
 1,2-Dichloroethane-d4
 Concen: 62.586 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066710.D
 Acq: 15 Sep 2020 21:38

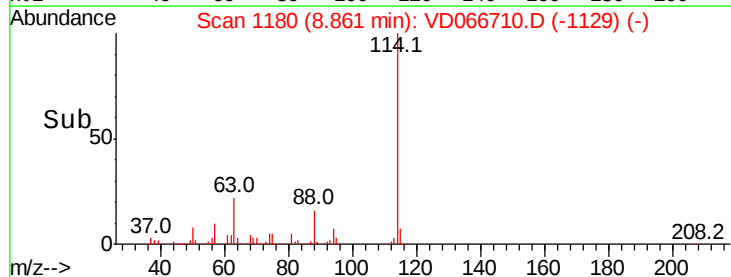
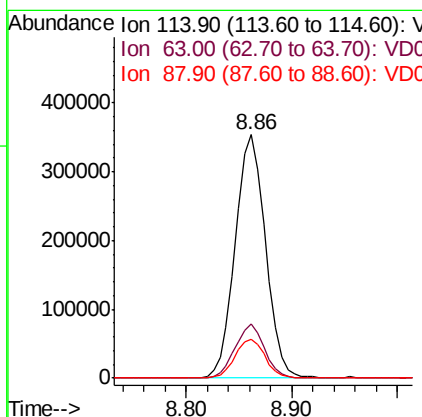
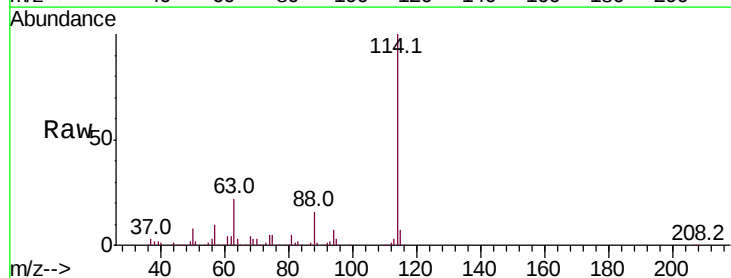
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7-16.0-16.5

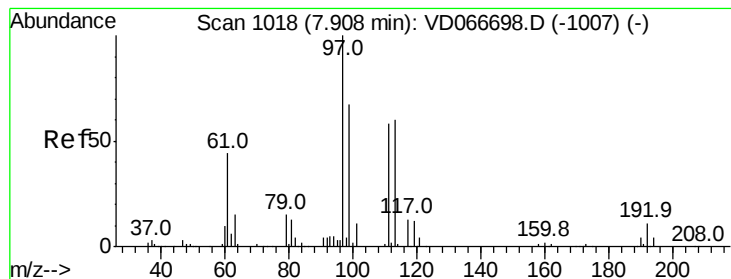
Tot Ion: 65 Resp: 248441
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066710.D
 Acq: 15 Sep 2020 21:38

Tgt Ion: 114 Resp: 704796
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 37.6
 88 15.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 55.764 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066710.D

Acq: 15 Sep 2020 21:38

Instrument :

MSVOA_D

ClientSampleId :

SB-7-16.0-16.5

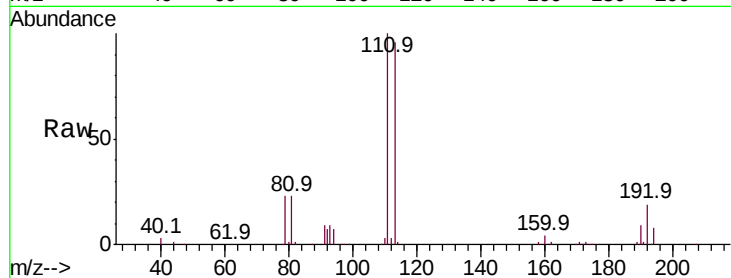
Tot Ion:113 Resp: 240960

Ion Ratio Lower Upper

113 100

111 102.4 83.2 124.8

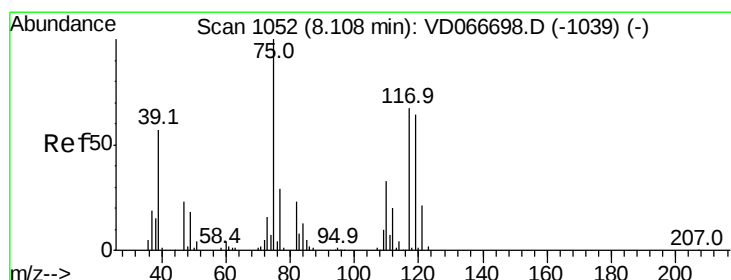
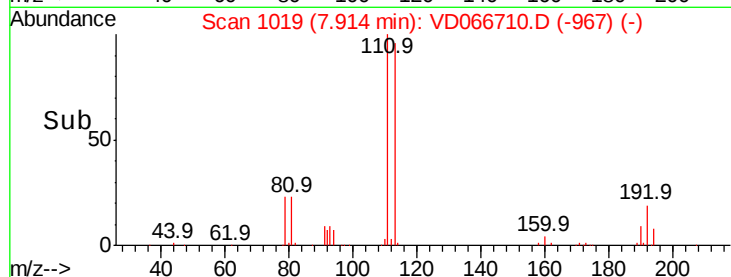
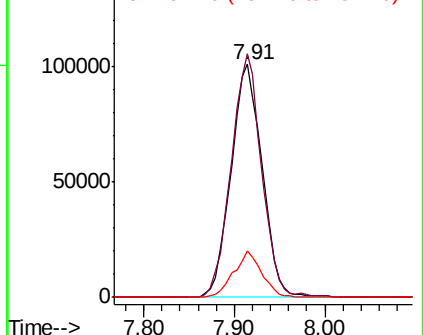
192 18.0 14.8 22.2



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



#36

1,1-Dichloropropene

Concen: 4.803 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066710.D

Acq: 15 Sep 2020 21:38

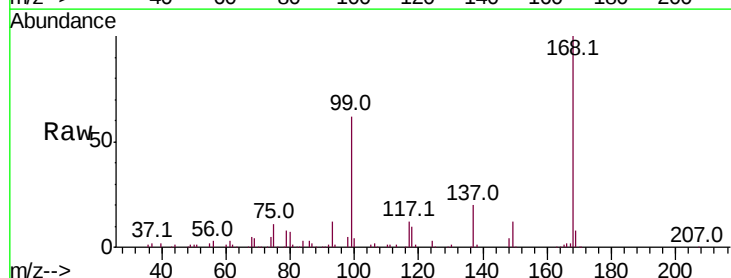
Tgt Ion: 75 Resp: 34804

Ion Ratio Lower Upper

75 100

110 10.5 17.1 51.2#

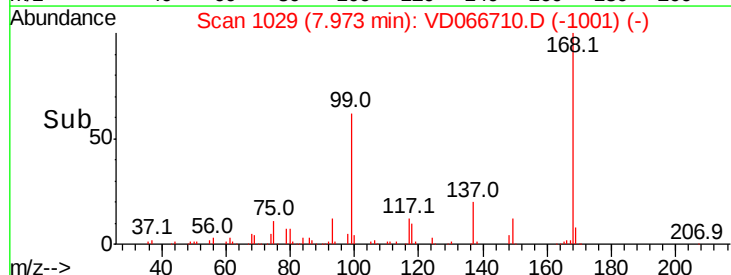
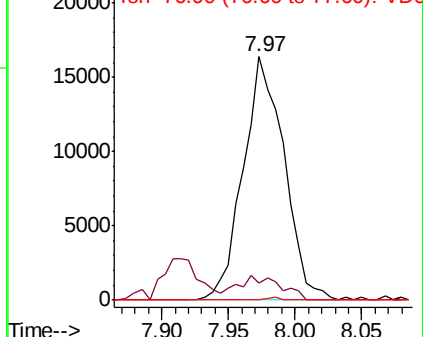
77 0.4 25.0 37.6#

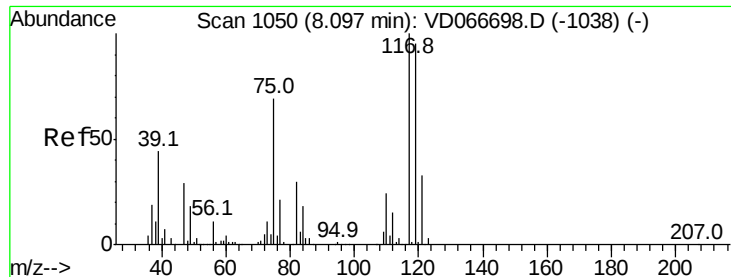


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

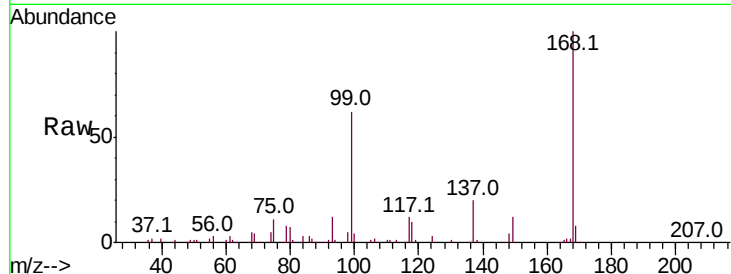




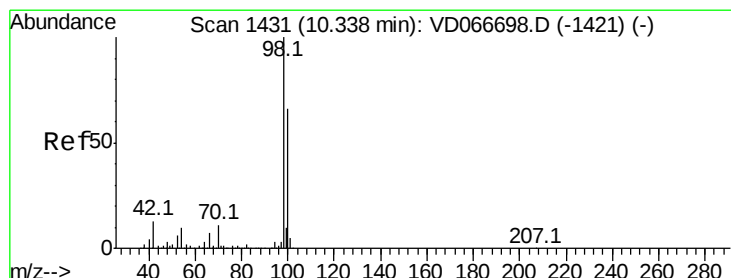
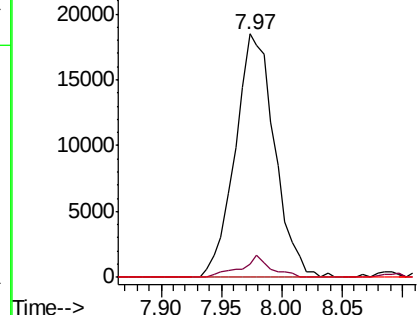
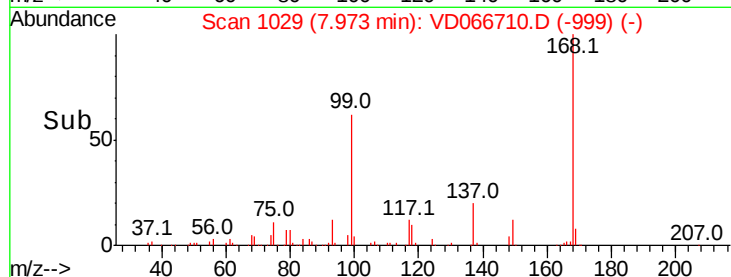
#38
Carbon Tetrachloride
Concen: 5.465 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066710.D
Acq: 15 Sep 2020 21:38

Instrument :
MSVOA_D
ClientSampleId :
SB-7-16.0-16.5

Tot Ion:117 Resp: 42055
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 26.2 39.4#

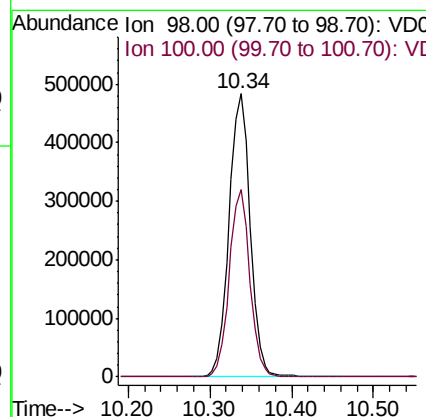
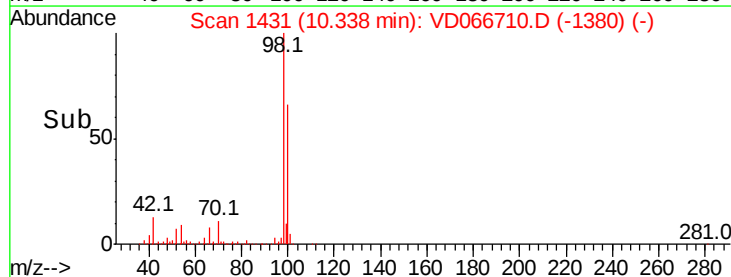
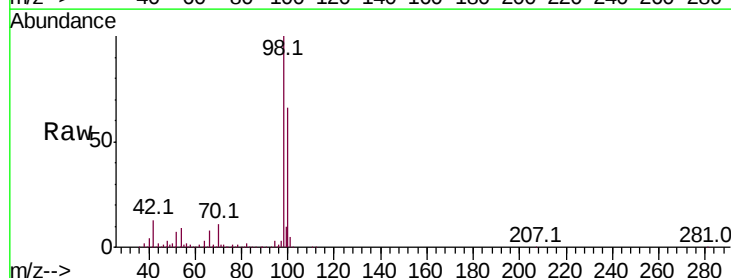


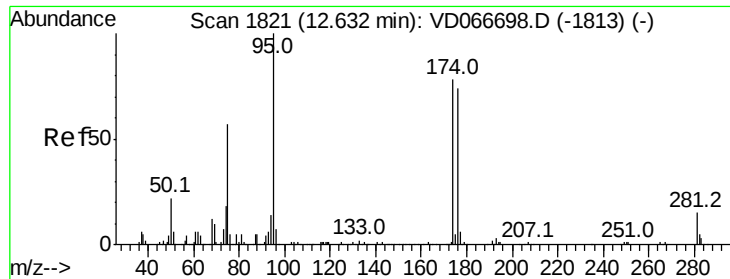
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#50
Toluene-d8
Concen: 56.906 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066710.D
Acq: 15 Sep 2020 21:38

Tgt Ion: 98 Resp: 876060
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1

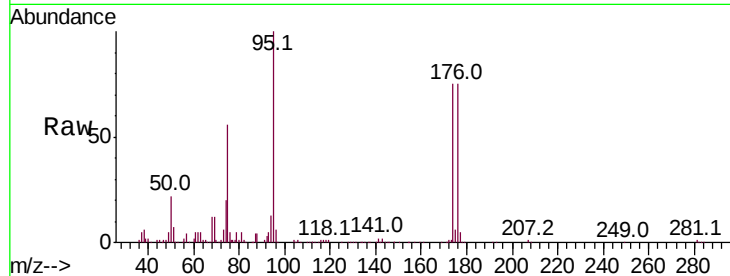




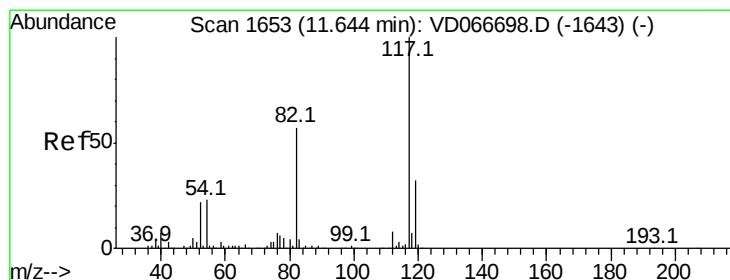
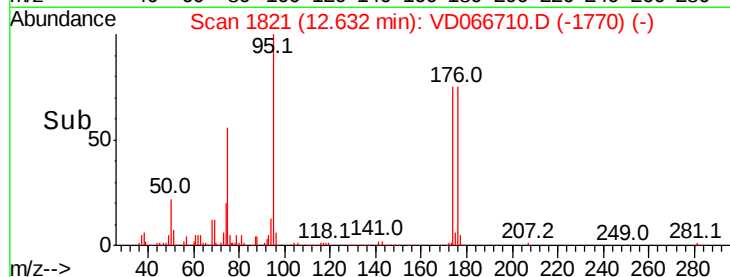
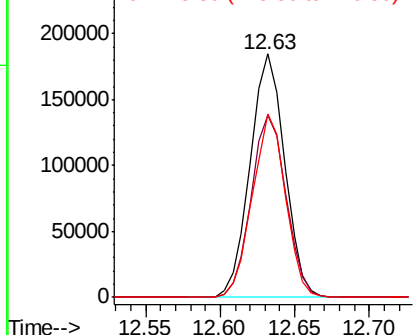
#62
4-Bromofluorobenzene
Concen: 55.573 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066710.D
Acq: 15 Sep 2020 21:38

Instrument :
MSVOA_D
ClientSampleId :
SB-7-16.0-16.5

Tot Ion: 95 Resp: 295322
Ion Ratio Lower Upper
95 100
174 75.7 0.0 156.6
176 72.3 0.0 150.2

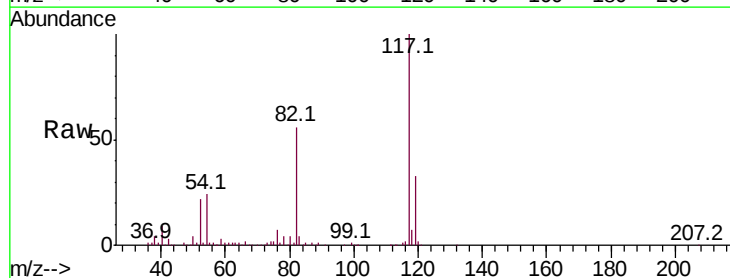


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

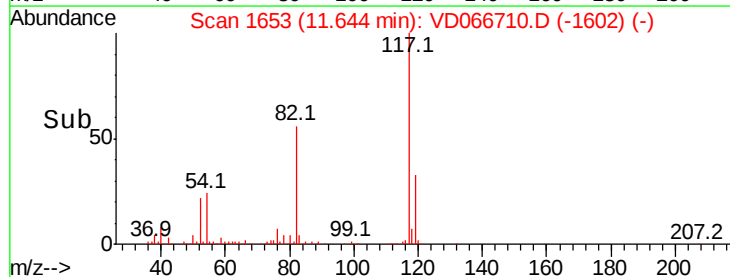
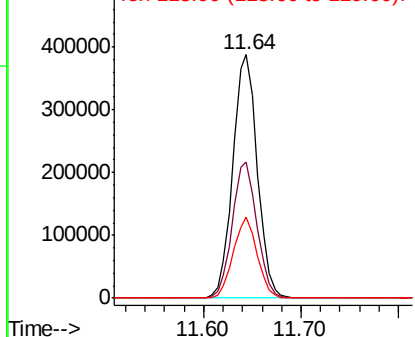


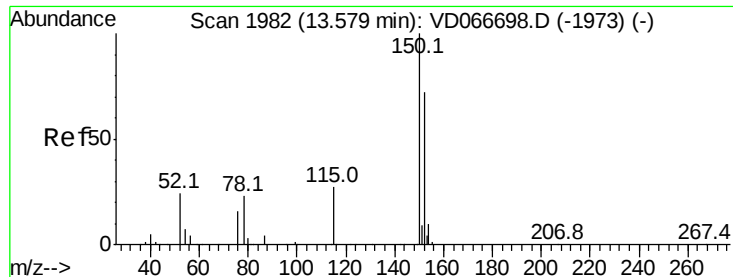
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066710.D
Acq: 15 Sep 2020 21:38

Tgt Ion: 117 Resp: 671565
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 33.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066710.D

Acq: 15 Sep 2020 21:38

Instrument :

MSVOA_D

ClientSampleId :

SB-7-16.0-16.5

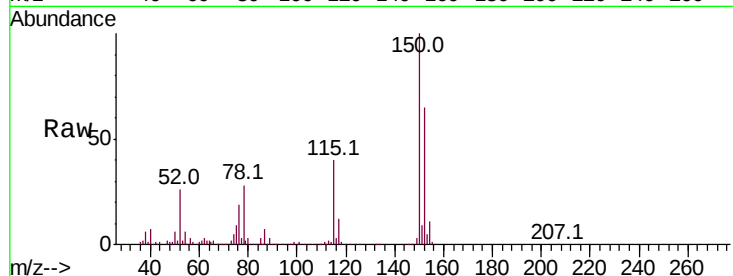
Tot Ion:152 Resp: 297887

Ion Ratio Lower Upper

152 100

115 62.2 30.5 91.5

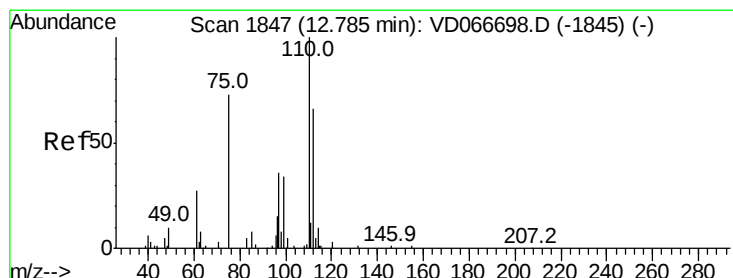
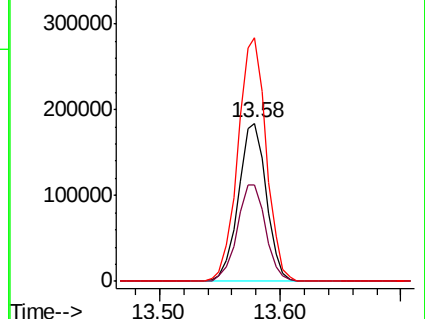
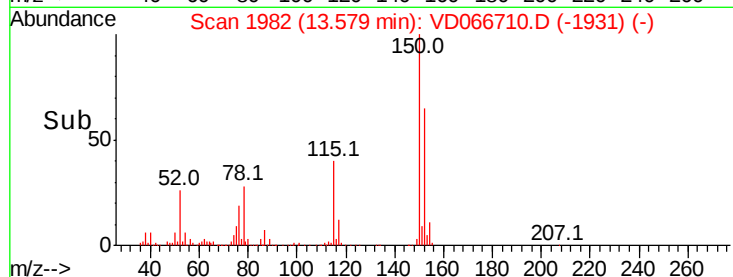
150 155.5 0.0 344.6



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: 63.269 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066710.D

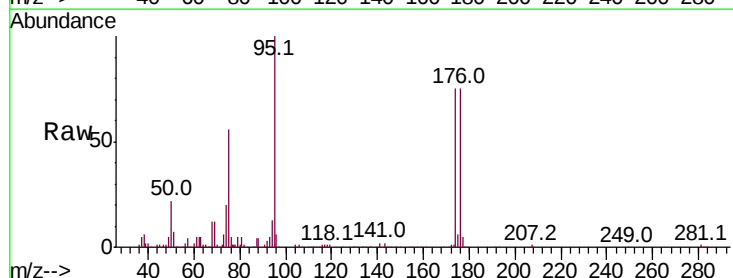
Acq: 15 Sep 2020 21:38

Tgt Ion: 75 Resp: 161323

Ion Ratio Lower Upper

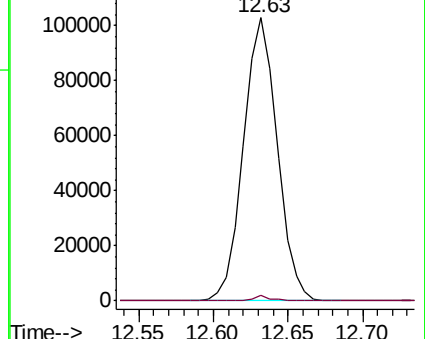
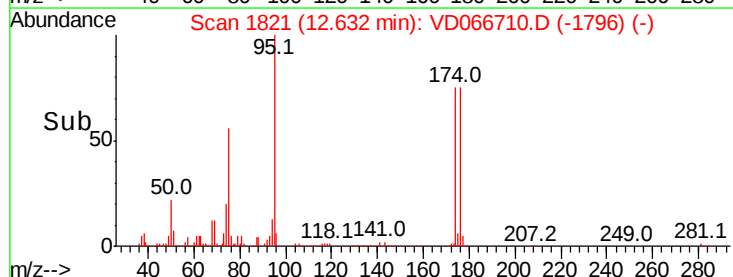
75 100

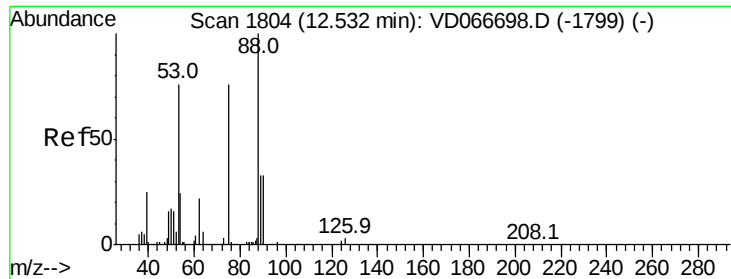
77 1.0 0.0 0.0#



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: 136.546 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066710.D

Acq: 15 Sep 2020 21:38

Instrument :

MSVOA_D

ClientSampleId :

SB-7-16.0-16.5

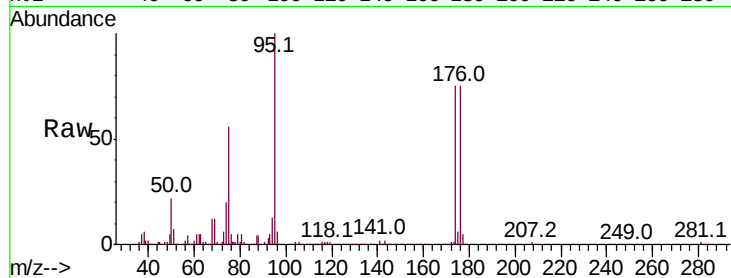
Tot Ion: 75 Resp: 161323

Ion Ratio Lower Upper

75 100

53 0.2 82.2 123.4#

89 0.0 39.6 59.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

