

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066728.D
 Acq On : 16 Sep 2020 19:11
 Operator : VA/SY
 Sample : L4013-07
 Misc : 5.57G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B40-091420-14-15

Quant Time: Sep 17 00:52:38 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	364454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	670590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	587158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	201869	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	234863	60.40	ug/l	0.00
Spiked Amount			Recovery	=	120.80%	
35) Dibromofluoromethane	7.91	113	229332	55.78	ug/l	0.00
Spiked Amount			Recovery	=	111.56%	
50) Toluene-d8	10.34	98	815447	55.67	ug/l	0.00
Spiked Amount			Recovery	=	111.34%	
62) 4-Bromofluorobenzene	12.63	95	228005	45.09	ug/l	0.00
Spiked Amount			Recovery	=	90.18%	

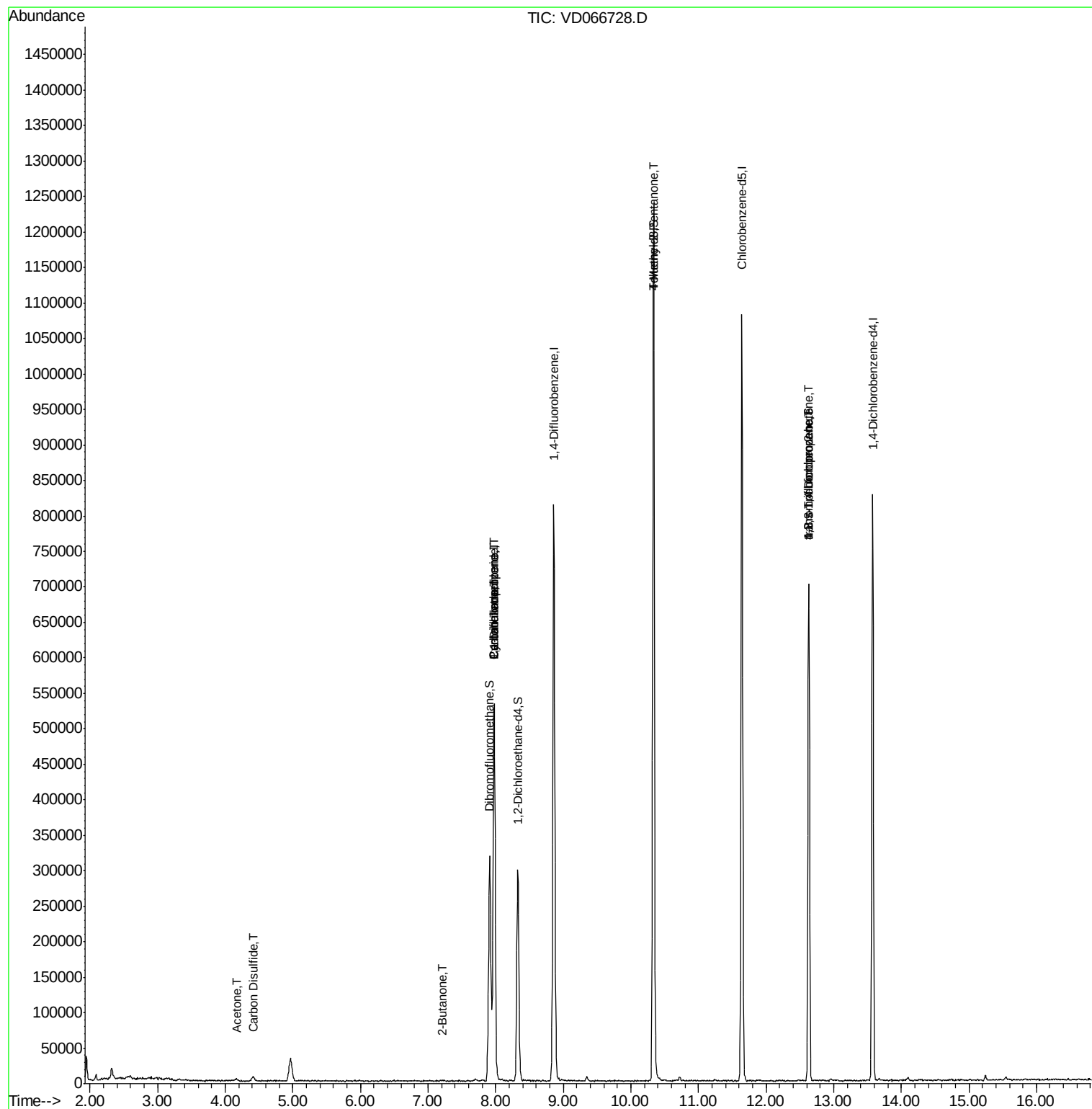
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	5878	7.423	ug/l #	83
17) Carbon Disulfide	4.41	76	12242	1.068	ug/l #	93
18) Methyl Acetate	4.60	43	82	Below Cal	#	52
20) Methylene Chloride	4.97	84	23796	Below Cal		92
25) 2-Butanone	7.21	43	1227	1.190	ug/l #	49
31) Cyclohexane	7.98	56	10767	1.568	ug/l #	25
36) 1,1-Dichloropropene	7.97	75	33182	4.813	ug/l #	53
38) Carbon Tetrachloride	7.98	117	39960	5.458	ug/l #	18
51) 4-Methyl-2-Pentanone	10.33	43	4346	1.718	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	128549	74.395	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	128549	160.558	ug/l #	8

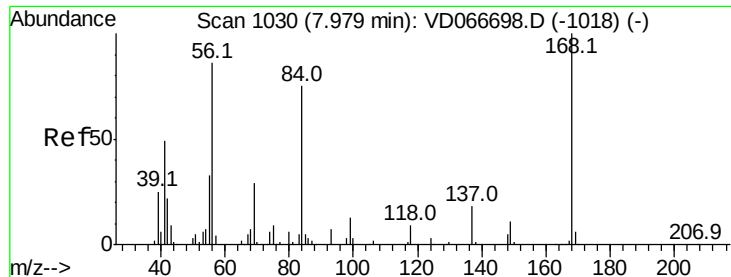
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091620\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066728.D

Acq: 16 Sep 2020 19:11

Instrument :

MSVOA_D

ClientSampleId :

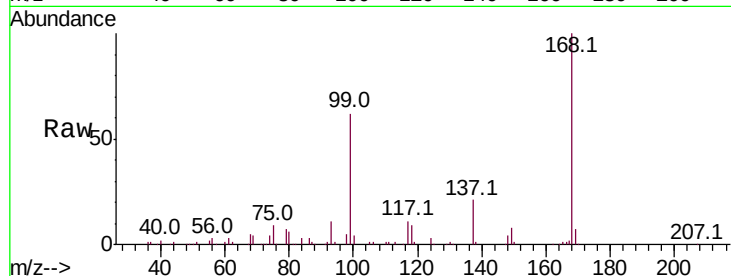
PAV-B40-091420-14-15

Tot Ion:168 Resp: 364454

Ion Ratio Lower Upper

168 100

99 62.4 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

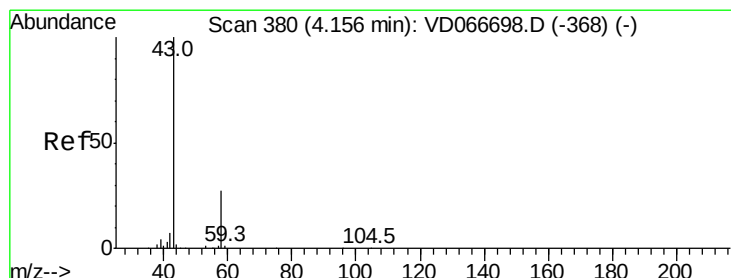
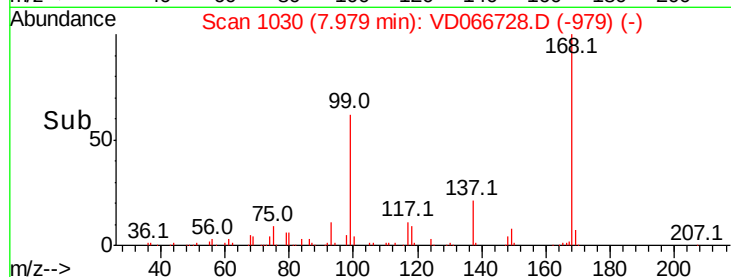
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.423 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066728.D

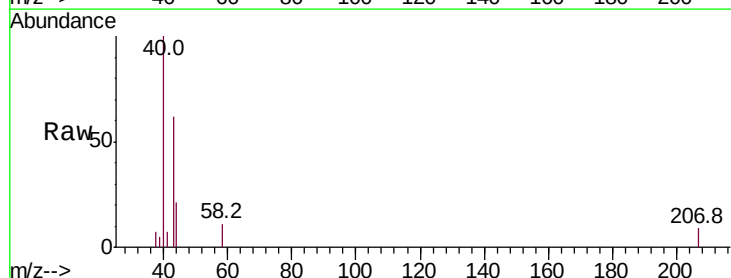
Acq: 16 Sep 2020 19:11

Tgt Ion: 43 Resp: 5878

Ion Ratio Lower Upper

43 100

58 18.5 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

2500

2000

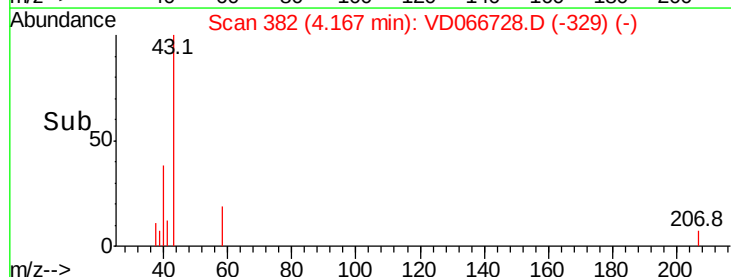
1500

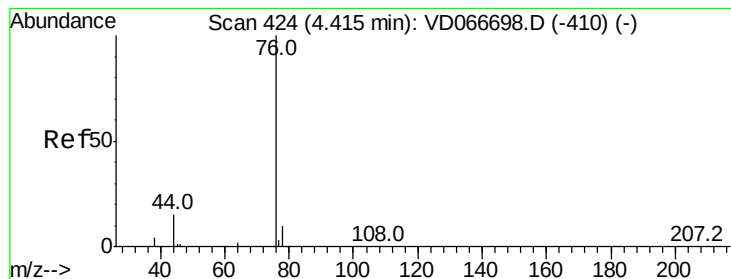
1000

500

0

Time-->





#17

Carbon Disulfide

Concen: 1.068 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD066728.D

Acq: 16 Sep 2020 19:11

Instrument :

MSVOA_D

ClientSampleId :

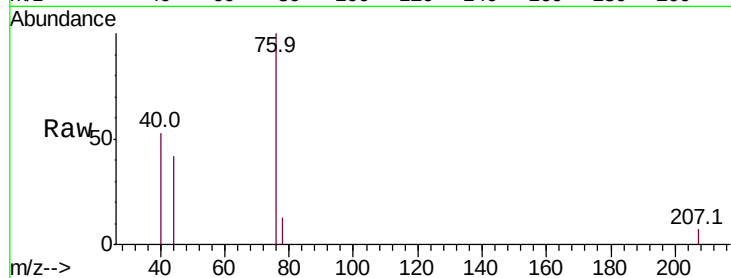
PAV-B40-091420-14-15

Tot Ion: 76 Resp: 12242

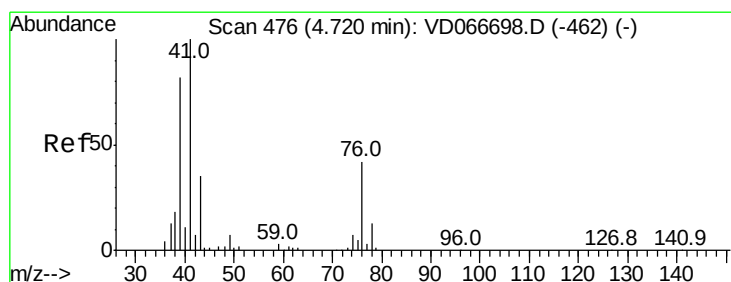
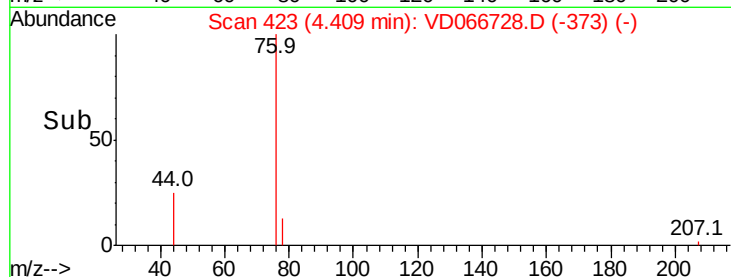
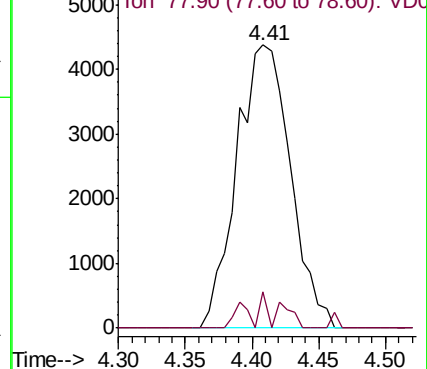
Ion Ratio Lower Upper

76 100

78 12.6 8.0 12.0#



Abundance Ion 75.90 (75.60 to 76.60): VDC



#18

Methyl Acetate

Concen: Below Cal

RT: 4.60 min Scan# 456

Delta R.T. -0.12 min

Lab File: VD066728.D

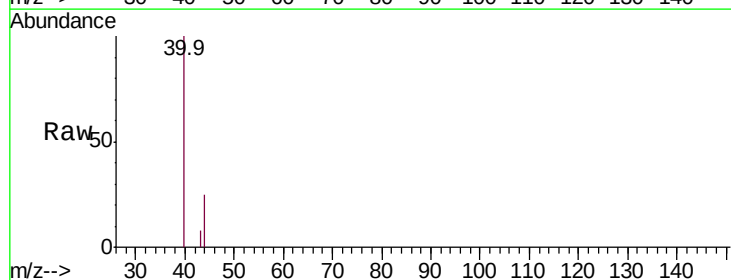
Acq: 16 Sep 2020 19:11

Tgt Ion: 43 Resp: 82

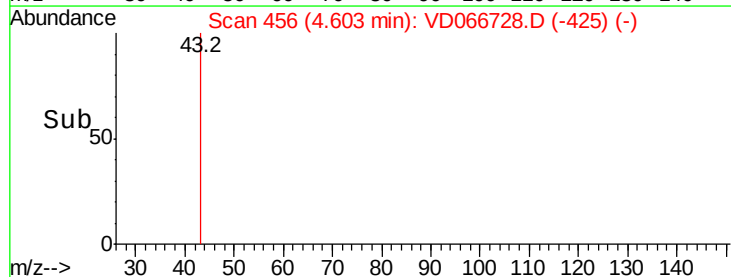
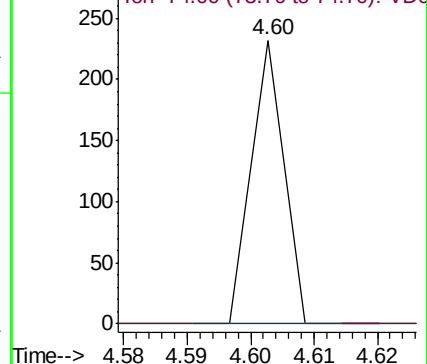
Ion Ratio Lower Upper

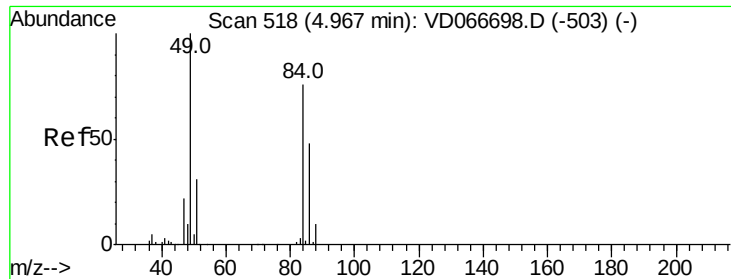
43 100

74 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

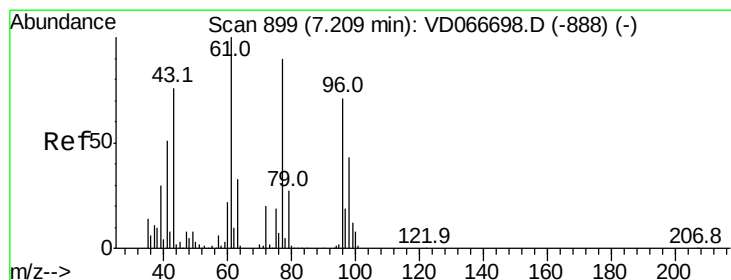
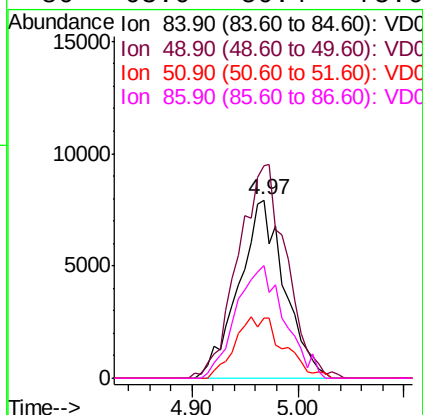
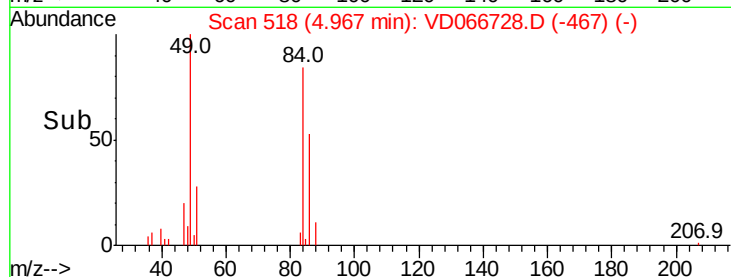
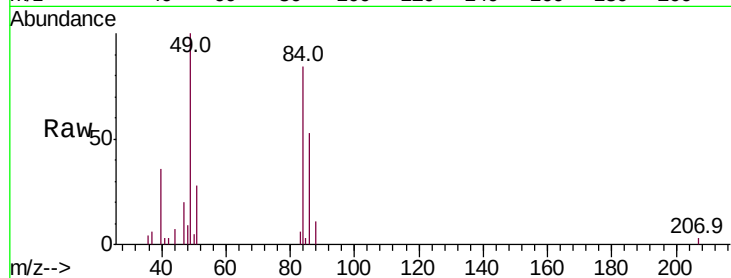




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066728.D
Acq: 16 Sep 2020 19:11

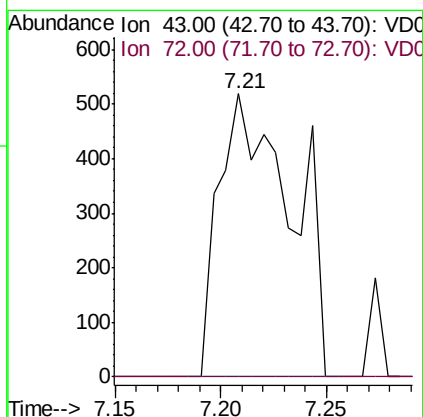
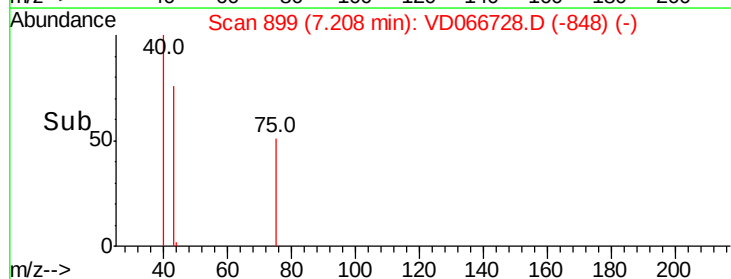
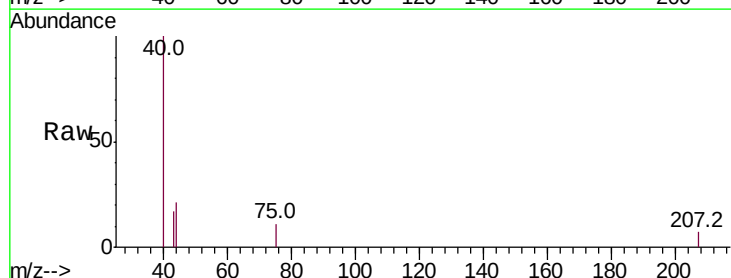
Instrument :
MSVOA_D
ClientSampleId :
PAV-B40-091420-14-15

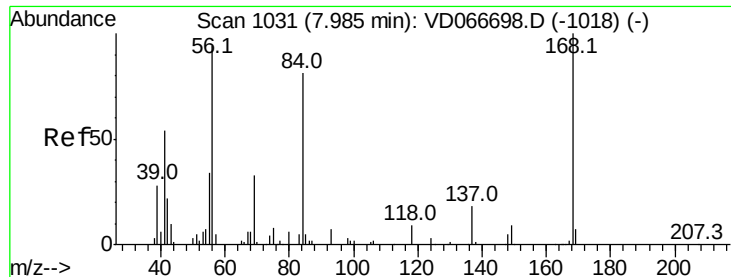
Tot Ion: 84 Resp: 23796
Ion Ratio Lower Upper
84 100
49 119.2 105.0 157.6
51 33.7 32.2 48.4
86 63.0 50.4 75.6



#25
2-Butanone
Concen: 1.190 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066728.D
Acq: 16 Sep 2020 19:11

Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#

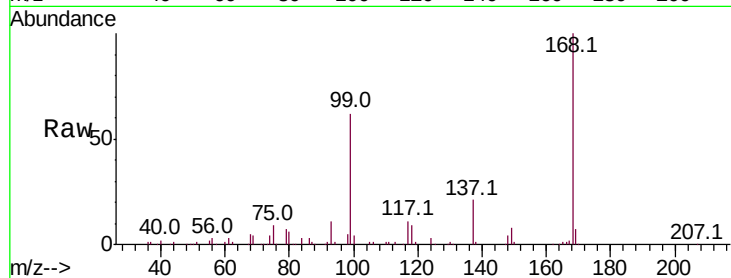




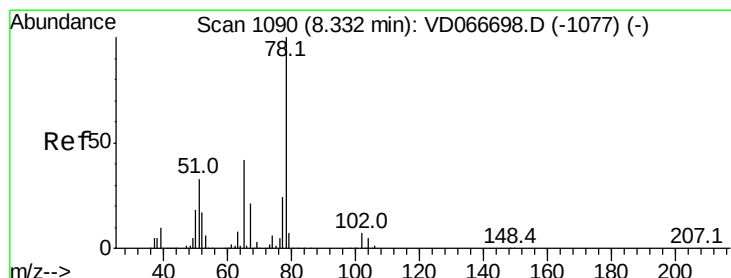
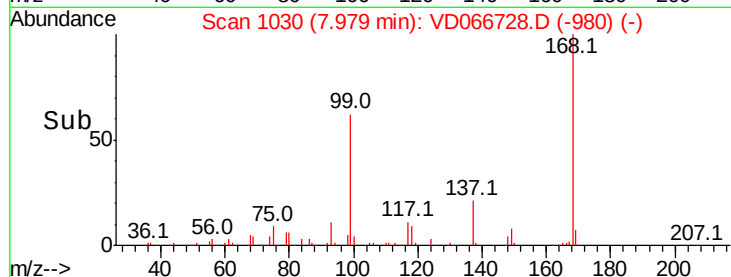
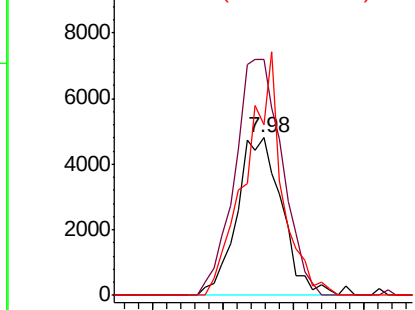
#31
Cyclohexane
Concen: 1.568 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066728.D
Acq: 16 Sep 2020 19:11

Instrument :
MSVOA_D
ClientSampleId :
PAV-B40-091420-14-15

Tot Ion: 56 Resp: 10767
Ion Ratio Lower Upper
56 100
69 149.6 27.7 41.5#
84 108.2 68.5 102.7#

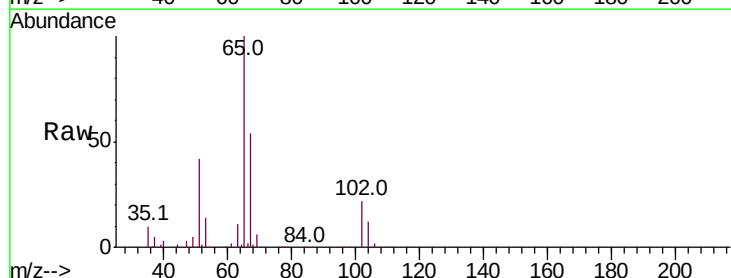


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

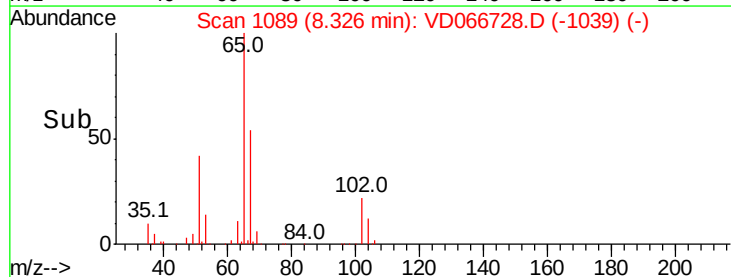
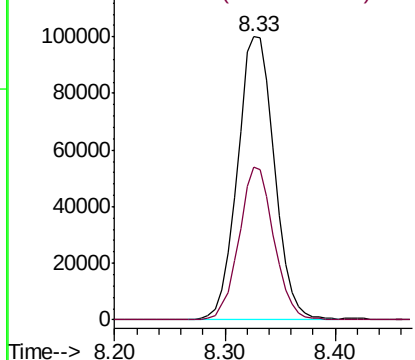


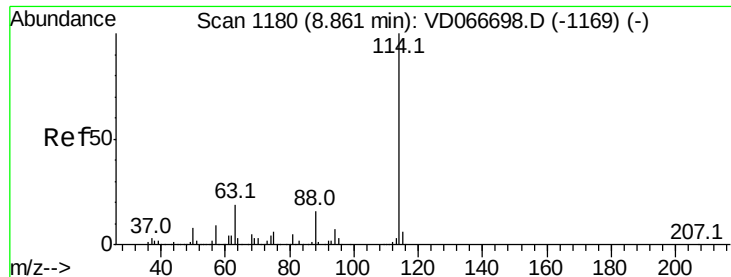
#33
1,2-Dichloroethane-d4
Concen: 60.399 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066728.D
Acq: 16 Sep 2020 19:11

Tgt Ion: 65 Resp: 234863
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.2



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: VD066728.D

Acq: 16 Sep 2020 19:11

Instrument :

MSVOA_D

ClientSampleId :

PAV-B40-091420-14-15

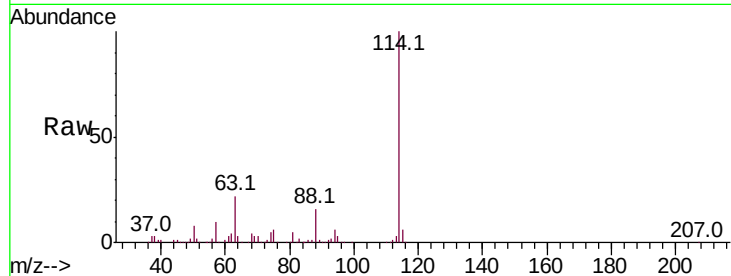
Tot Ion:114 Resp: 670590

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.6

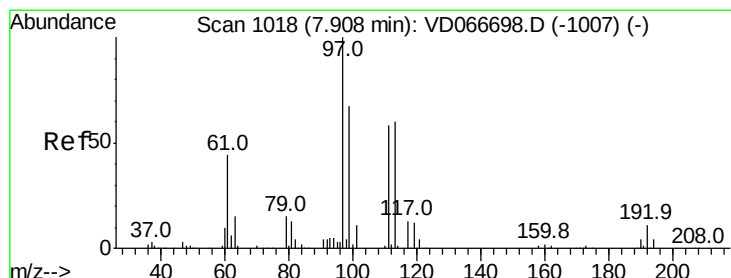
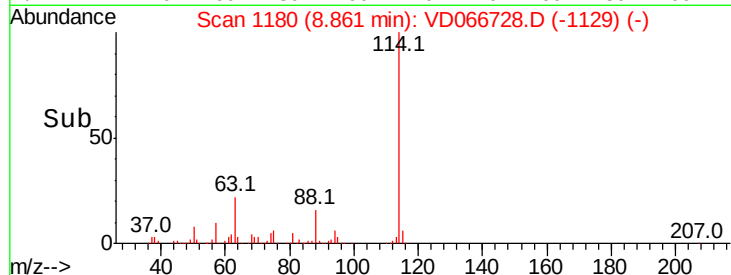
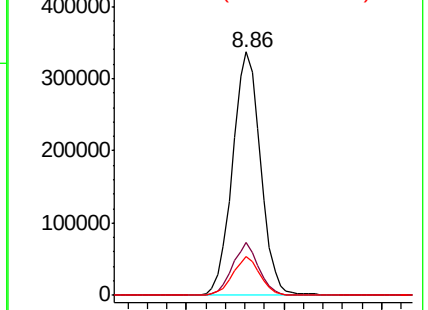
88 15.8 0.0 32.2



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: 55.780 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066728.D

Acq: 16 Sep 2020 19:11

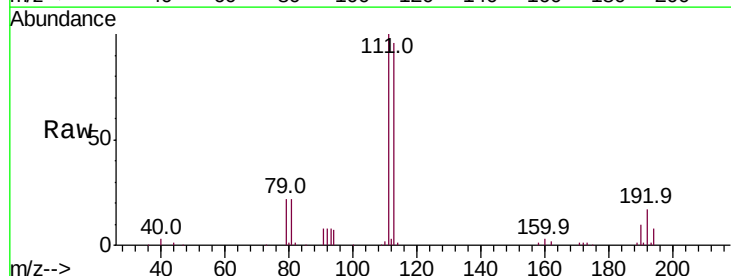
Tgt Ion:113 Resp: 229332

Ion Ratio Lower Upper

113 100

111 103.4 83.2 124.8

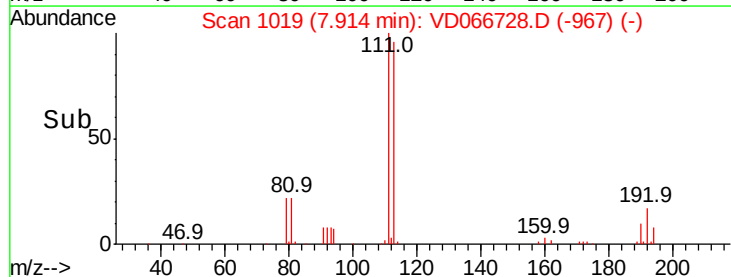
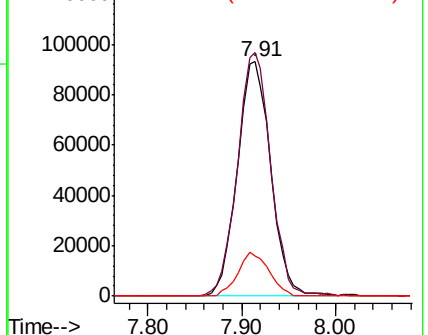
192 17.6 14.8 22.2

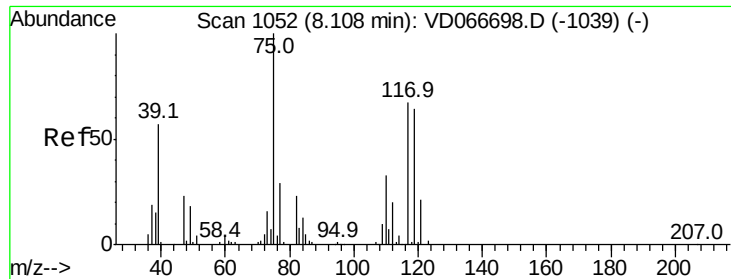


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

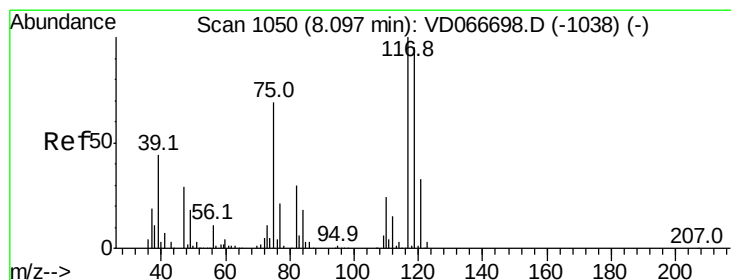
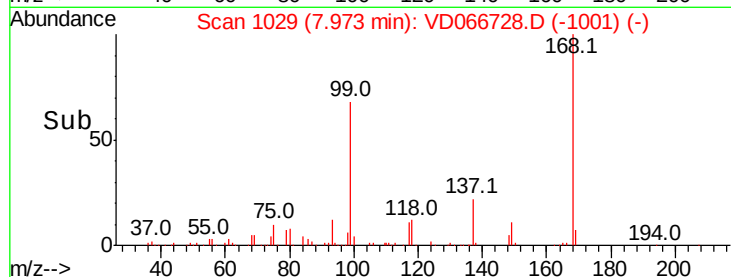
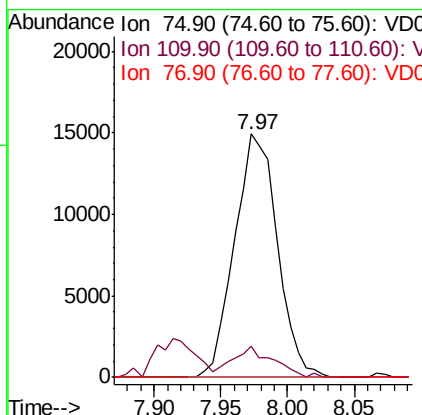
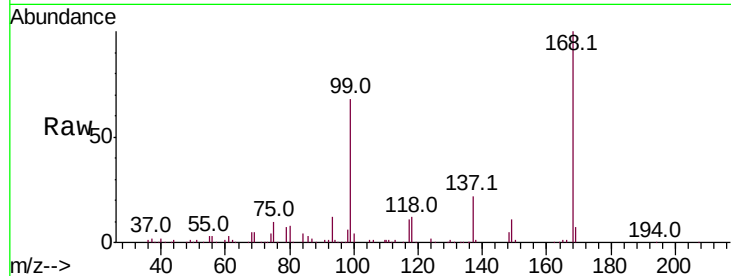




#36
 1,1-Dichloropropene
 Concen: 4.813 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066728.D
 Acq: 16 Sep 2020 19:11

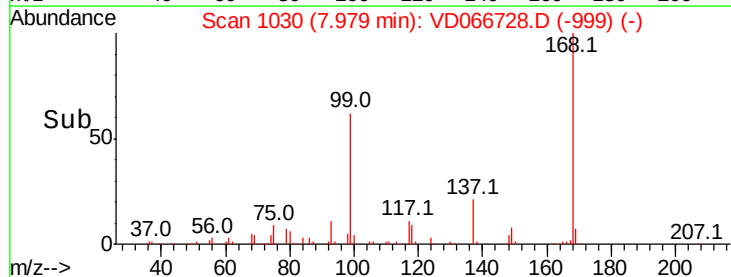
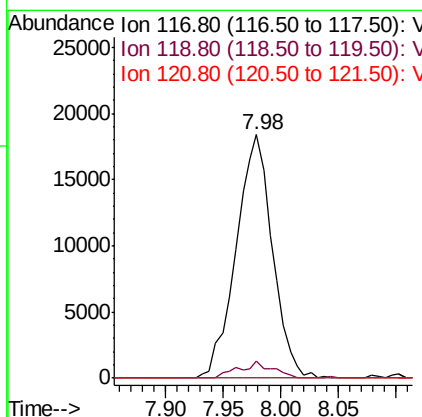
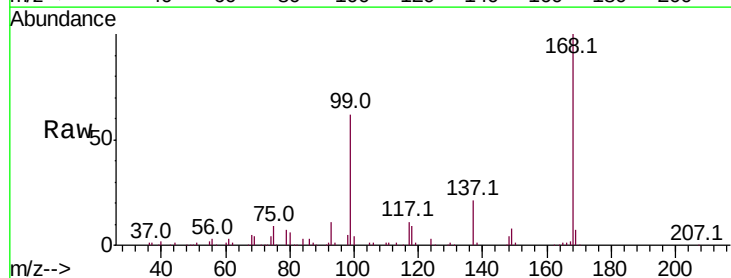
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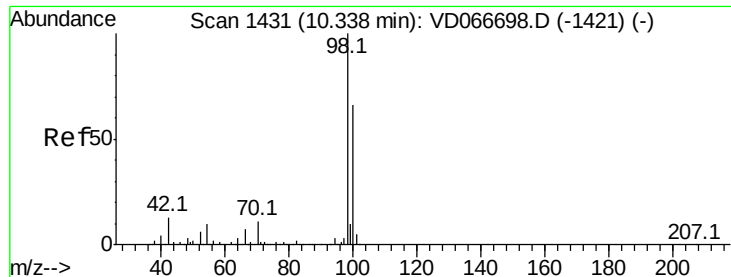
Tot Ion	Ratio	Lower	Upper
75	100		
110	12.1	17.1	51.2#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.458 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD066728.D
 Acq: 16 Sep 2020 19:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	75.8	113.6#
121	0.0	26.2	39.4#

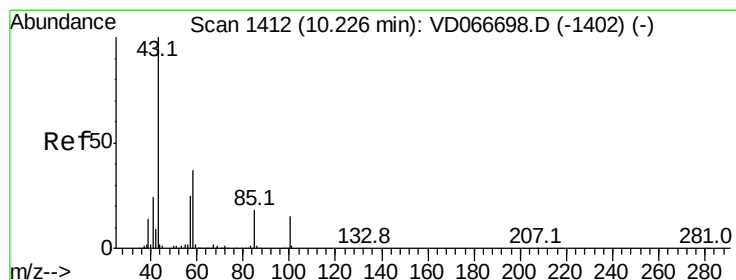
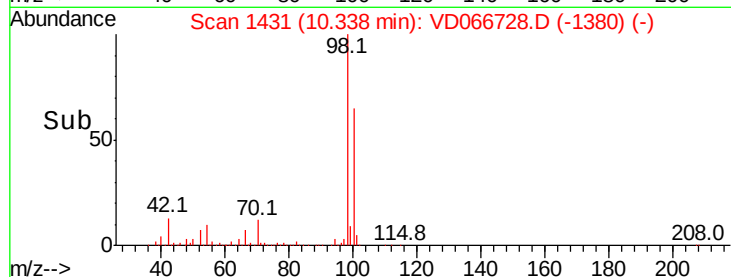
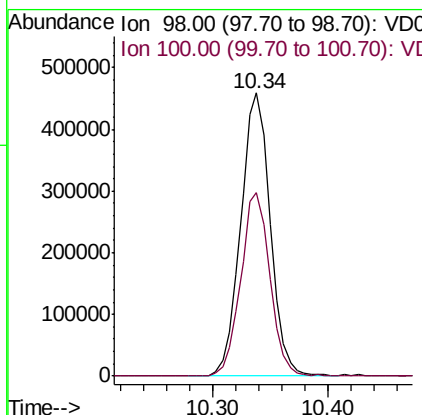
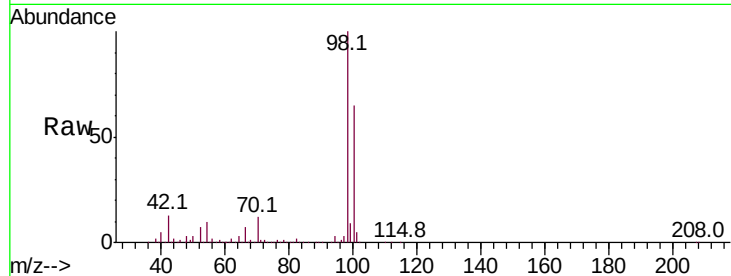




#50
Toluene-d8
Concen: 55.670 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066728.D
Acq: 16 Sep 2020 19:11

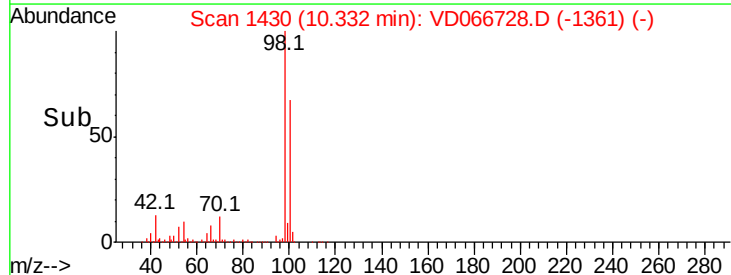
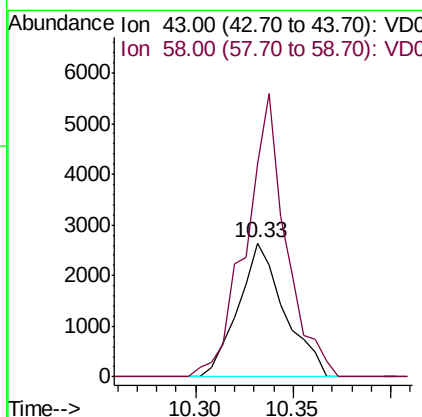
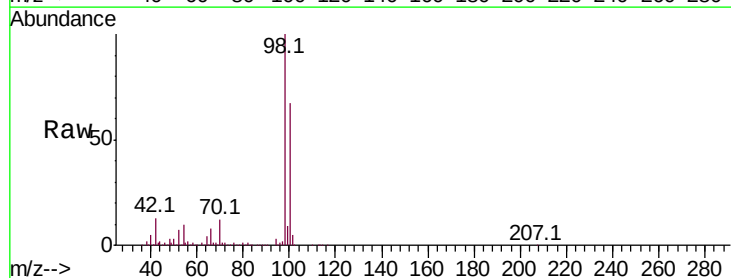
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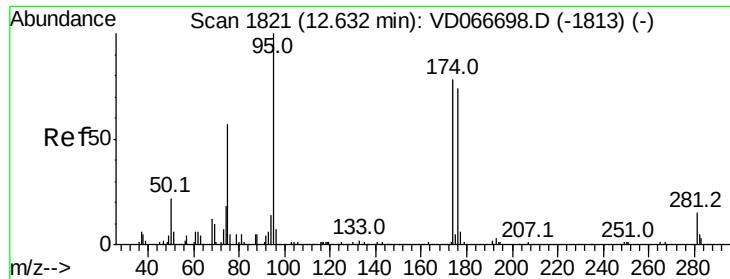
Tot Ion: 98 Resp: 815447
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.718 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. 0.11 min
Lab File: VD066728.D
Acq: 16 Sep 2020 19:11

Tgt Ion: 43 Resp: 4346
Ion Ratio Lower Upper
43 100
58 183.7 30.4 45.6#

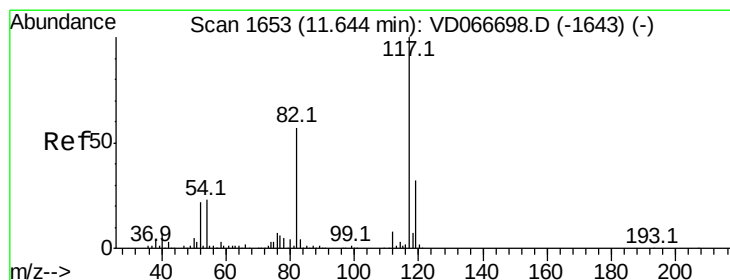
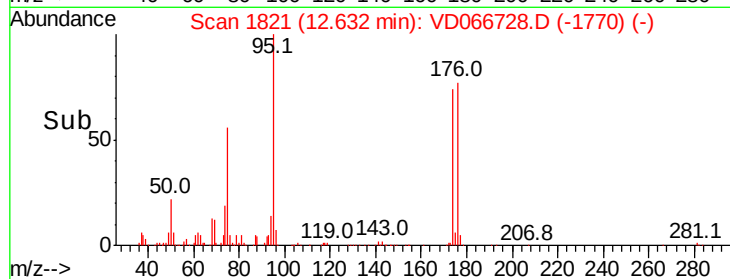
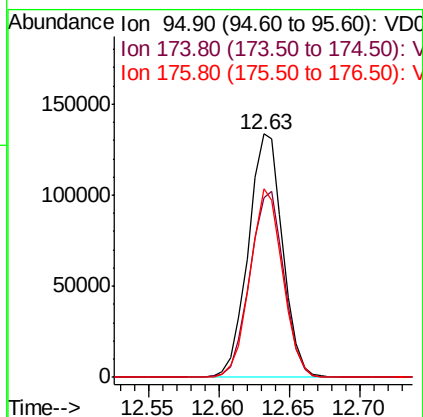
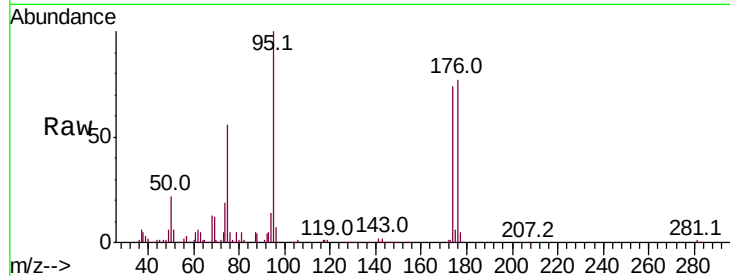




#62
4-Bromofluorobenzene
Concen: 45.094 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066728.D
Acq: 16 Sep 2020 19:11

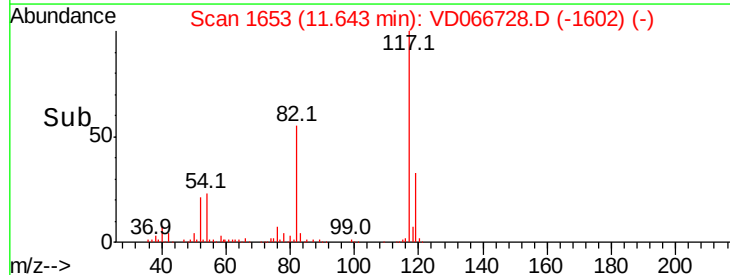
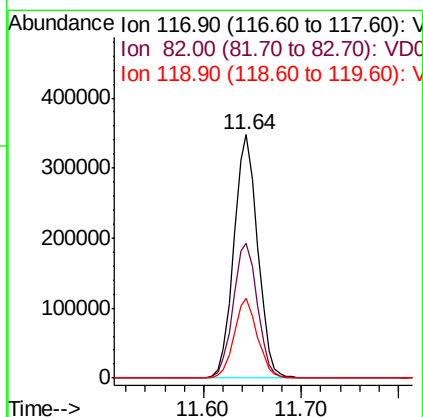
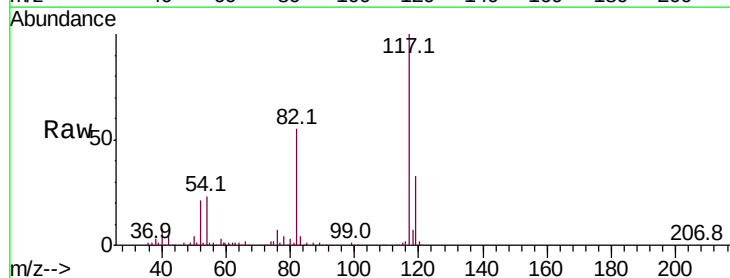
Instrument :
MSVOA_D
ClientSampleId :
PAV-B40-091420-14-15

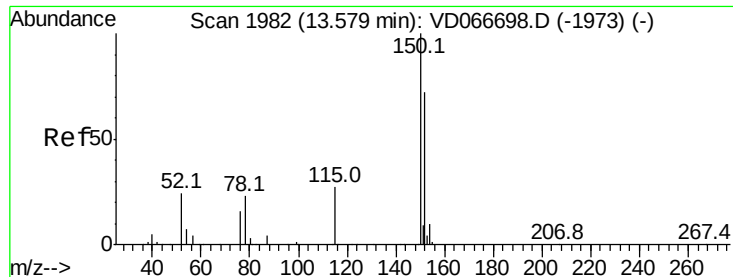
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	156.6
176	73.9	0.0	150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066728.D
Acq: 16 Sep 2020 19:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.4	68.0
119	32.8	25.8	38.6



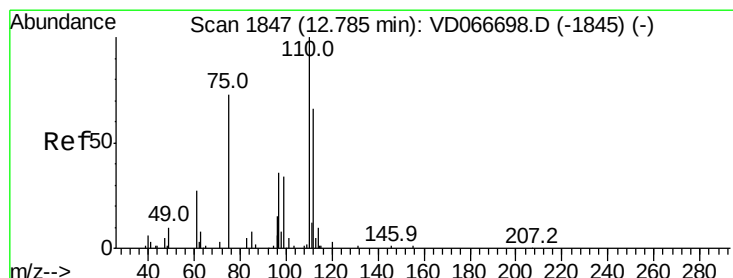
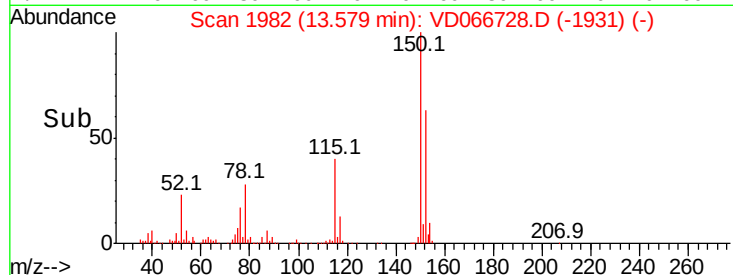
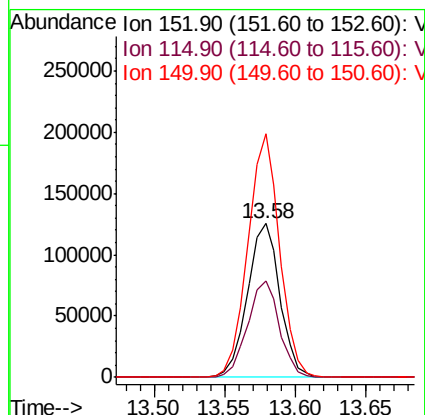
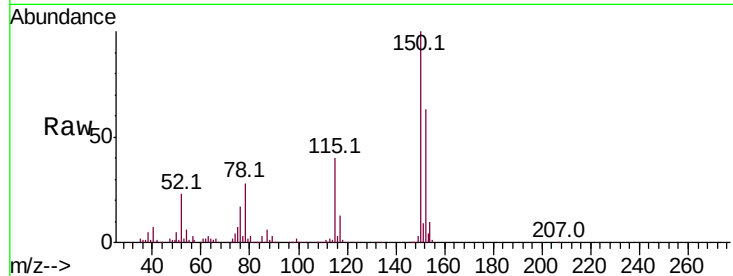


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066728.D
Acq: 16 Sep 2020 19:11

Instrument :
MSVOA_D
ClientSampleId :
PAV-B40-091420-14-15

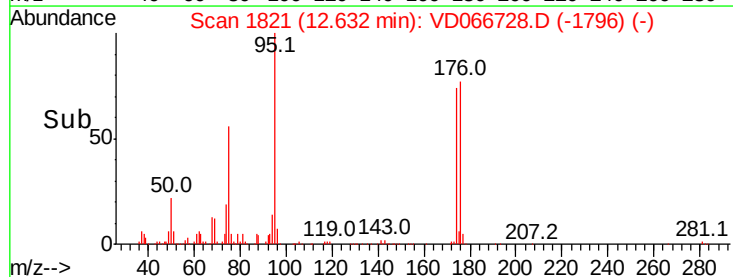
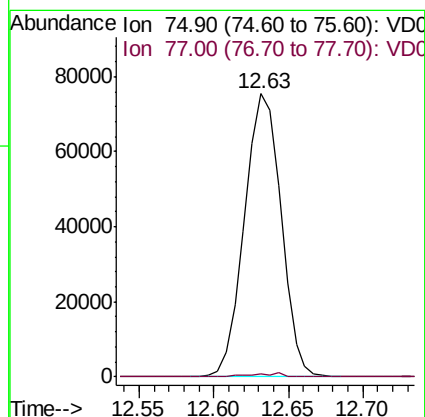
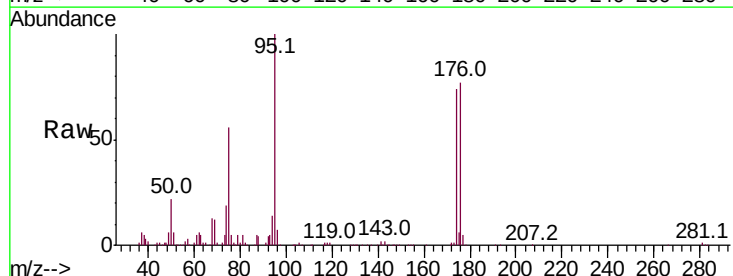
Tot Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.5	91.5
150	154.3	0.0	344.6

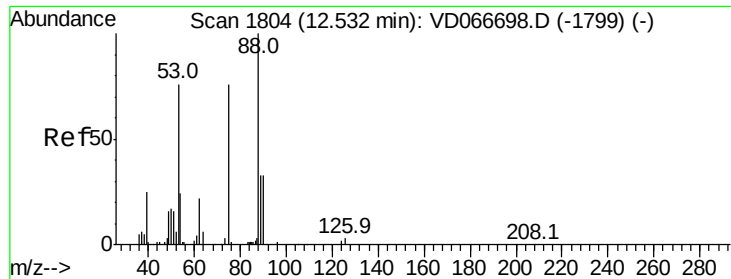


#76

1,2,3-Trichloropropane
Concen: 74.395 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066728.D
Acq: 16 Sep 2020 19:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 160.558 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066728.D

Acq: 16 Sep 2020 19:11

Instrument :

MSVOA_D

ClientSampleId :

PAV-B40-091420-14-15

Tot Ion: 75 Resp: 128549

Ion Ratio Lower Upper

75 100

53 0.3 82.2 123.4#

89 0.0 39.6 59.4#

