

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066723.D
 Acq On : 16 Sep 2020 16:53
 Operator : VA/SY
 Sample : L4019-01
 Misc : 7.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-220

Quant Time: Sep 17 00:51:53 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	379865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	696014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	670709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	304731	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	237719	58.65	ug/l	0.00
Spiked Amount			Recovery	=	117.30%	
35) Dibromofluoromethane	7.91	113	238151	55.81	ug/l	0.00
Spiked Amount			Recovery	=	111.62%	
50) Toluene-d8	10.34	98	859254	56.52	ug/l	0.00
Spiked Amount			Recovery	=	113.04%	
62) 4-Bromofluorobenzene	12.63	95	288517	54.98	ug/l	0.00
Spiked Amount			Recovery	=	109.96%	

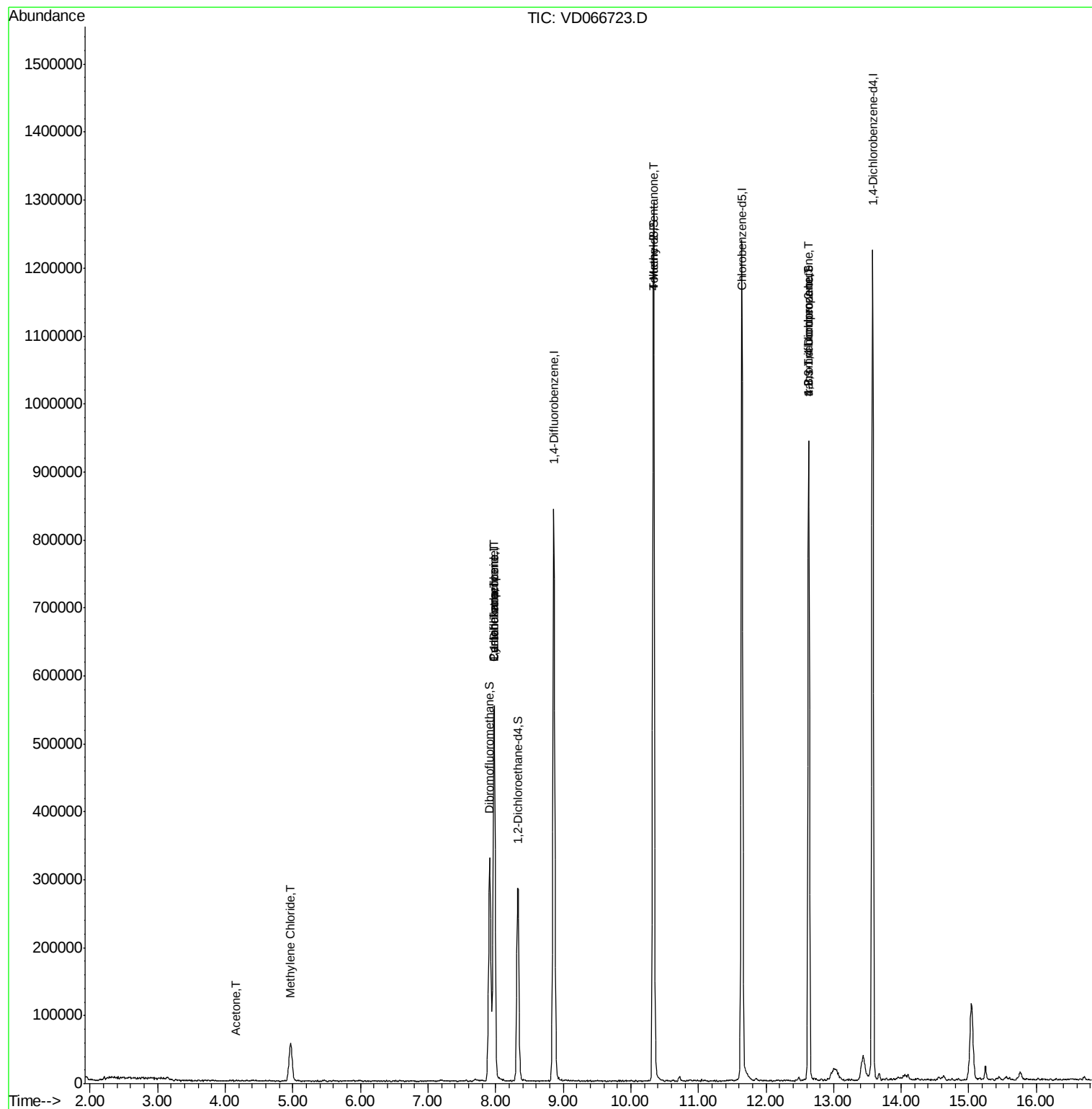
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	100	Below Cal	#	43
11) Tert butyl alcohol	5.22	59	68	Below Cal	#	76
16) Acetone	4.16	43	1453	1.760	ug/l	93
18) Methyl Acetate	4.77	43	89	Below Cal	#	52
20) Methylene Chloride	4.96	84	44453	3.116	ug/l	# 86
31) Cyclohexane	7.98	56	11083	1.548	ug/l	# 49
36) 1,1-Dichloropropene	7.98	75	34457	4.815	ug/l	# 50
38) Carbon Tetrachloride	7.97	117	42556	5.600	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.33	43	4366	1.663	ug/l	# 1
76) 1,2,3-Trichloropropane	12.63	75	163767	62.785	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.63	75	163767	135.501	ug/l	# 8

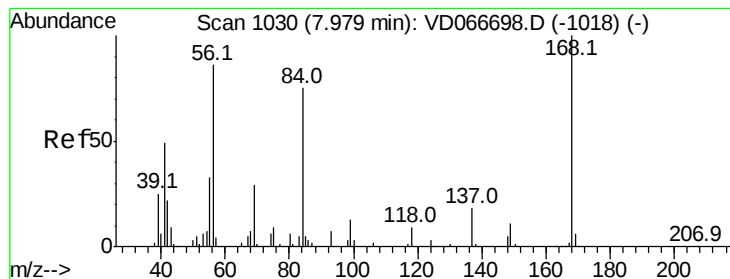
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091620\
Data File : VD066723.D
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Quant Time: Sep 17 00:51:53 2020
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: VD066723.D

Acq: 16 Sep 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

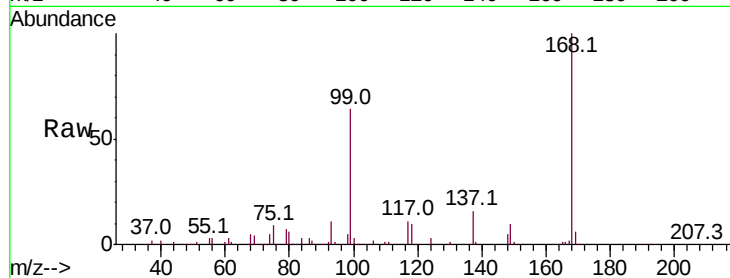
VNJ-220

Tot Ion:168 Resp: 379865

Ion Ratio Lower Upper

168 100

99 64.5 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

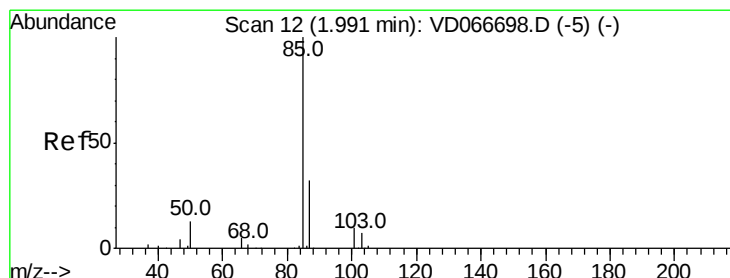
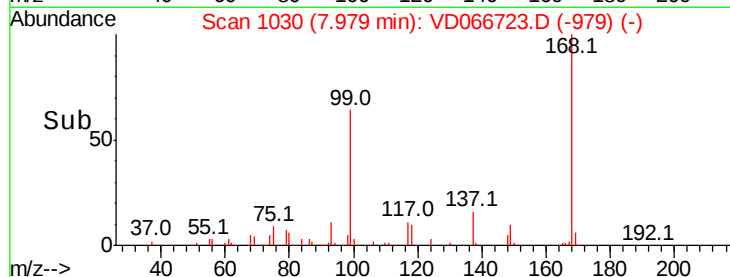
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066723.D

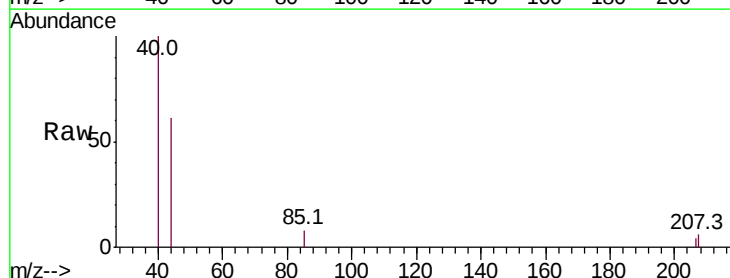
Acq: 16 Sep 2020 16:53

Tgt Ion: 85 Resp: 100

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

300

250

200

150

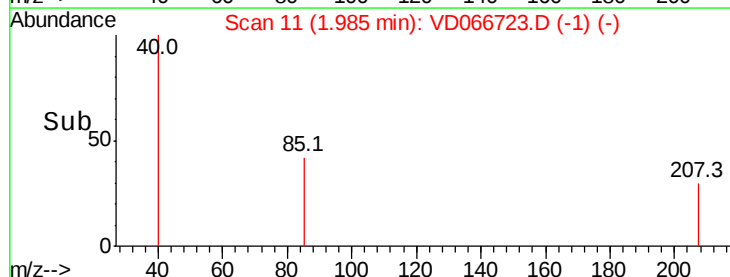
100

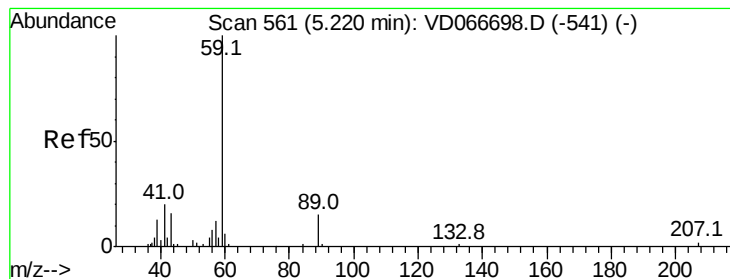
50

0

Time-->

1.97 1.98 1.99 2.00



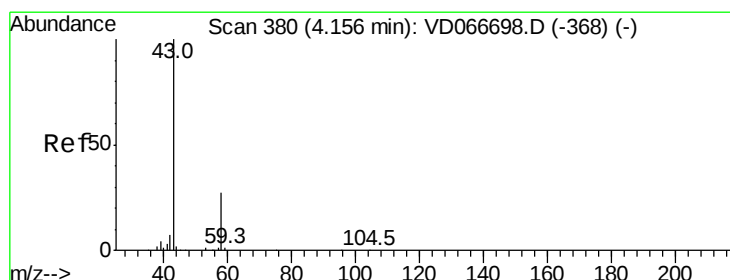
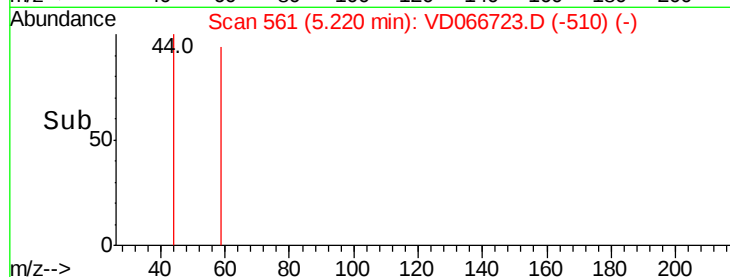
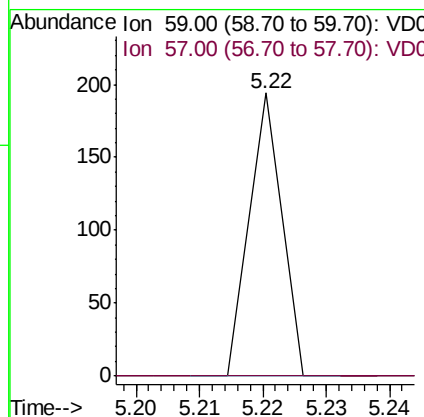
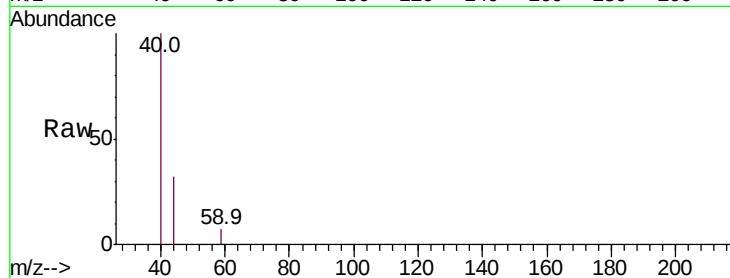


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD066723.D
Acq: 16 Sep 2020 16:53

Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

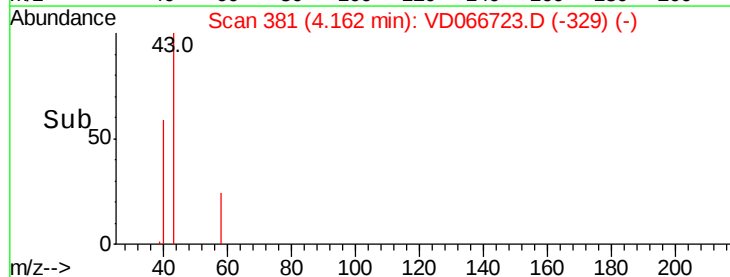
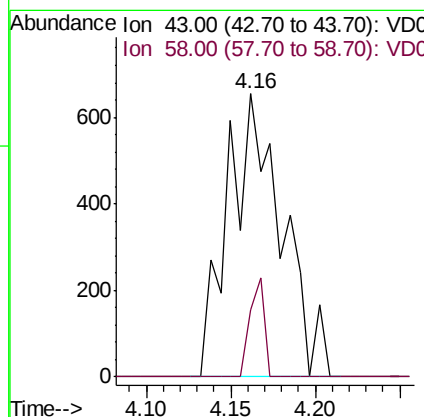
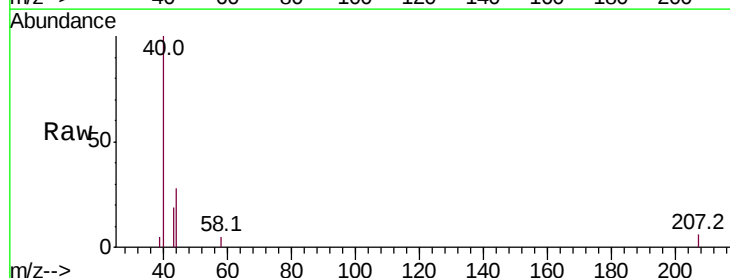
Tot Ion: 59 Resp: 68
Ion Ratio Lower Upper
59 100
57 0.0 6.7 10.1#

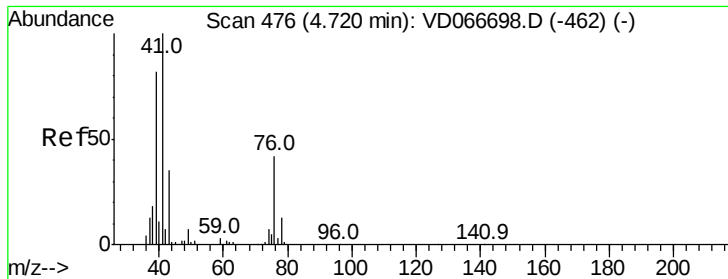


#16

Acetone
Concen: 1.760 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066723.D
Acq: 16 Sep 2020 16:53

Tgt Ion: 43 Resp: 1453
Ion Ratio Lower Upper
43 100
58 23.7 21.9 32.9

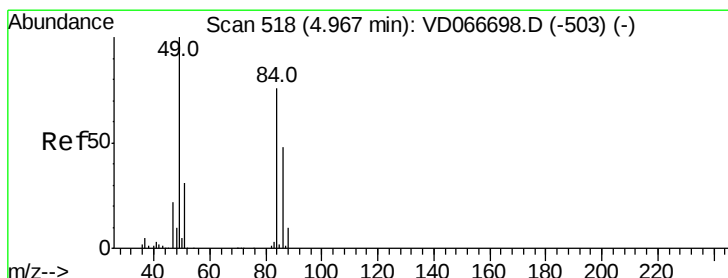
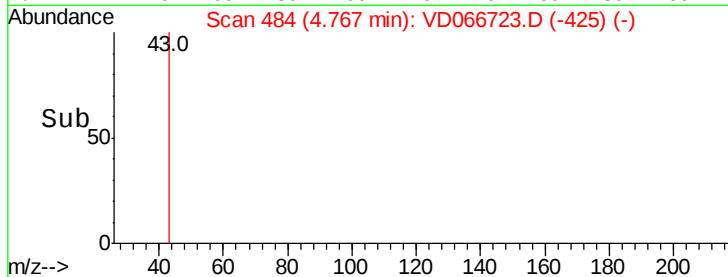
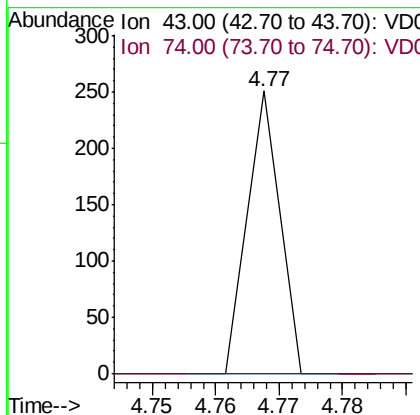
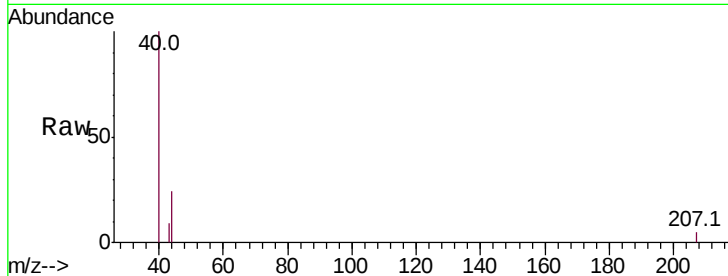




#18
Methyl Acetate
Concen: Below Cal
RT: 4.77 min Scan# 484
Delta R.T. 0.05 min
Lab File: VD066723.D
Acq: 16 Sep 2020 16:53

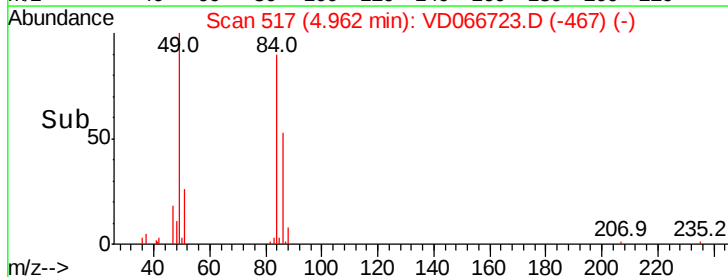
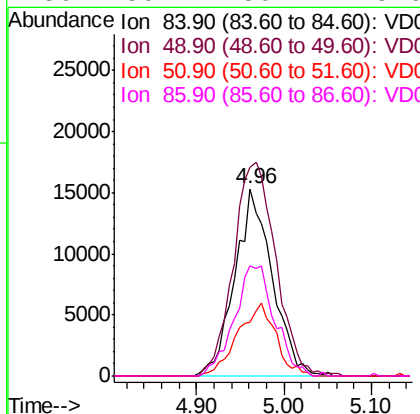
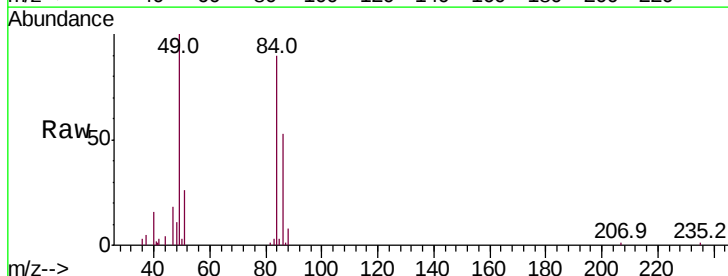
Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

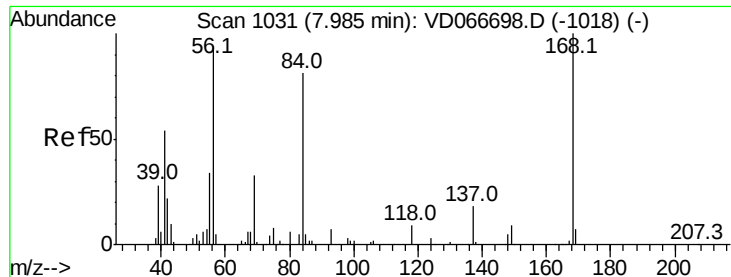
Tot Ion: 43 Resp: 89
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: 3.116 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066723.D
Acq: 16 Sep 2020 16:53

Tgt Ion: 84 Resp: 44453
Ion Ratio Lower Upper
84 100
49 111.2 105.0 157.6
51 29.0 32.2 48.4#
86 59.1 50.4 75.6

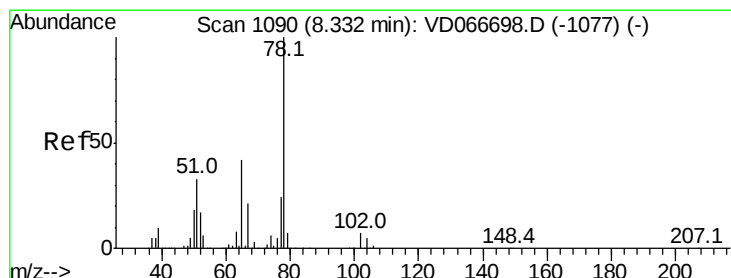
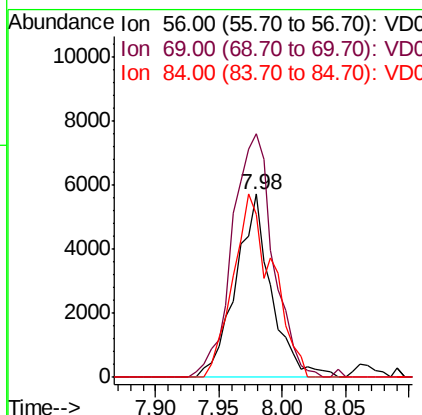
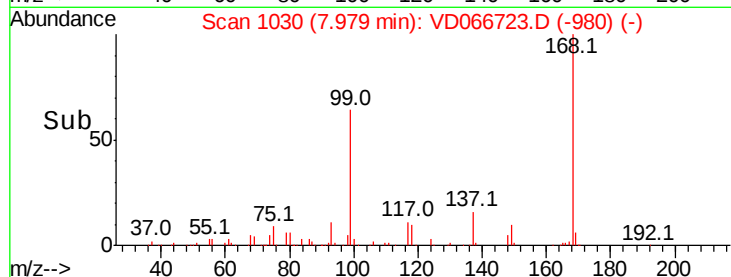
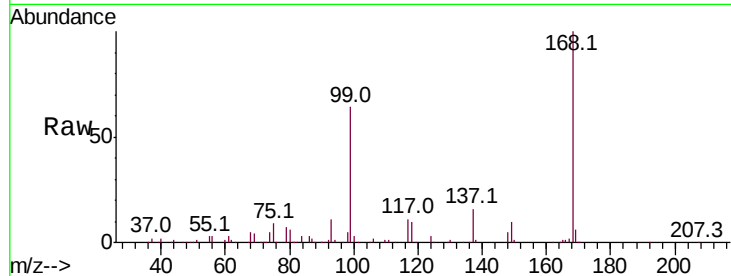




#31
Cyclohexane
Concen: 1.548 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066723.D
Acq: 16 Sep 2020 16:53

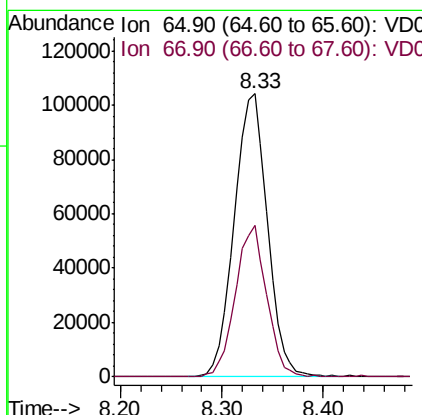
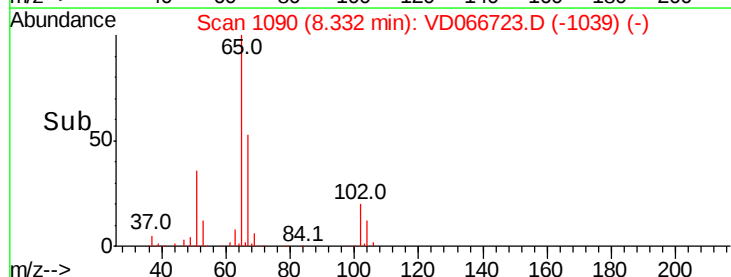
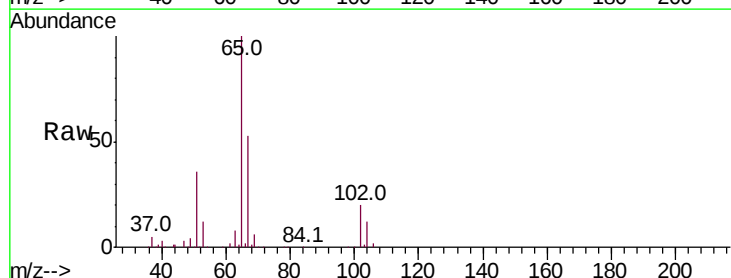
Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

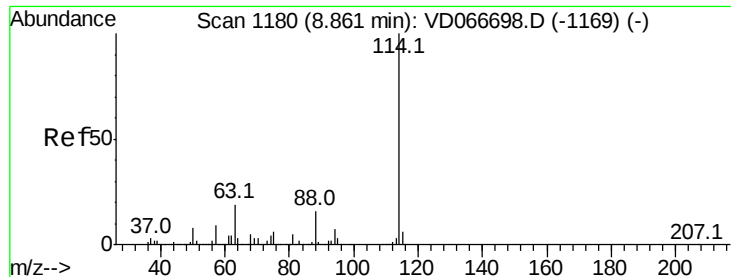
Tot Ion: 56 Resp: 11083
Ion Ratio Lower Upper
56 100
69 132.8 27.7 41.5#
84 88.7 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 58.654 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066723.D
Acq: 16 Sep 2020 16:53

Tgt Ion: 65 Resp: 237719
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.2

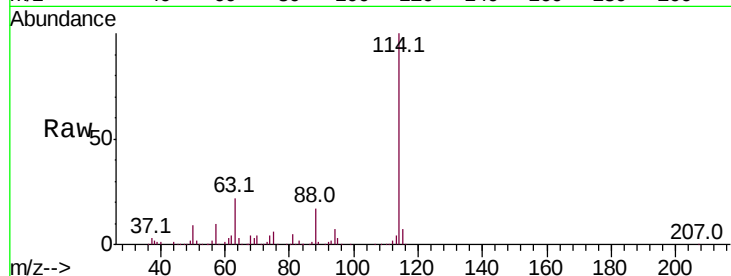




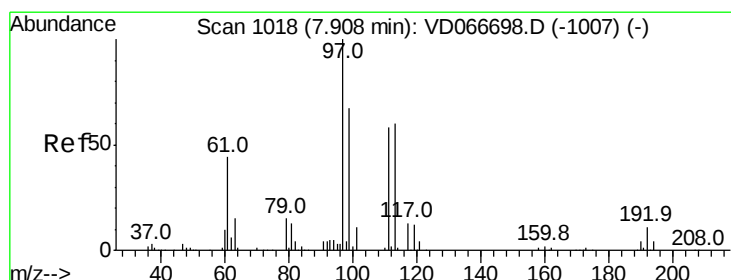
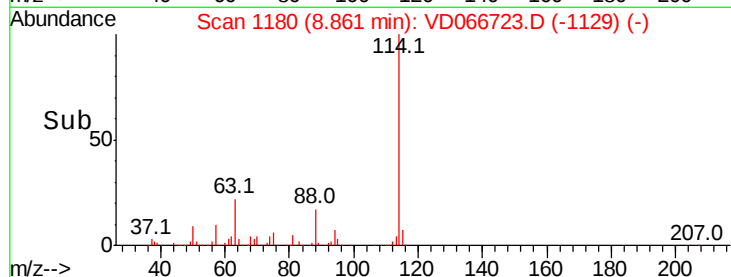
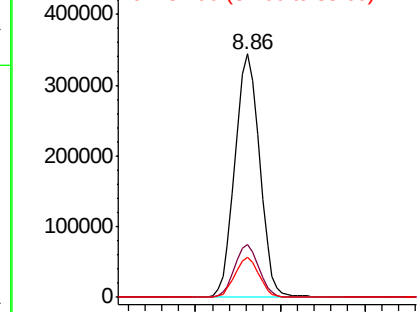
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066723.D
 Acq: 16 Sep 2020 16:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-220

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	37.6
88	16.5	0.0	32.2

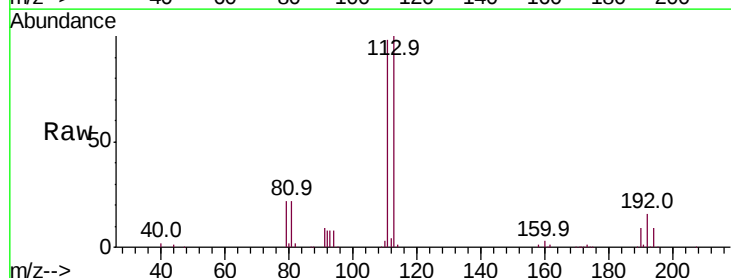


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

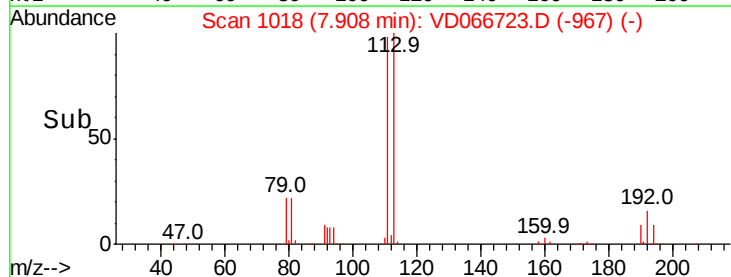
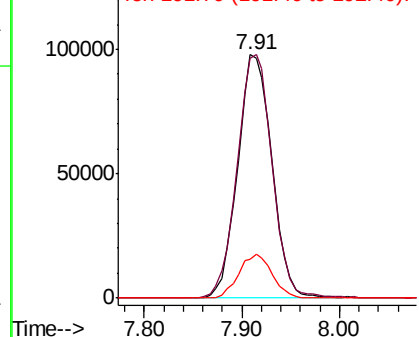


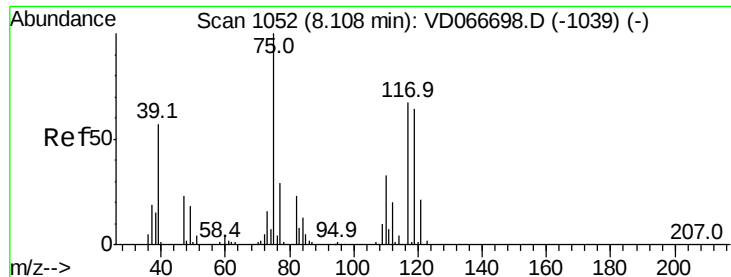
#35
 Dibromofluoromethane
 Concen: 55.809 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066723.D
 Acq: 16 Sep 2020 16:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.2	124.8
192	17.5	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: 4.815 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.13 min

Lab File: VD066723.D

Acq: 16 Sep 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VNJ-220

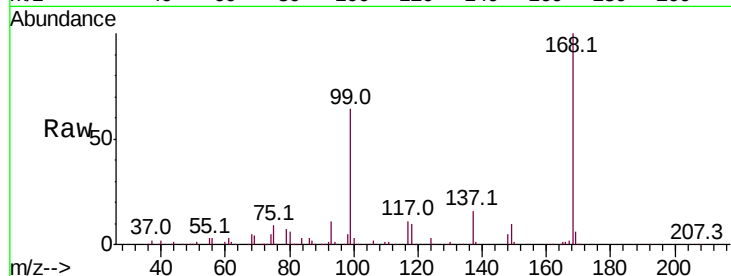
Tot Ion: 75 Resp: 34457

Ion Ratio Lower Upper

75 100

110 8.4 17.1 51.2#

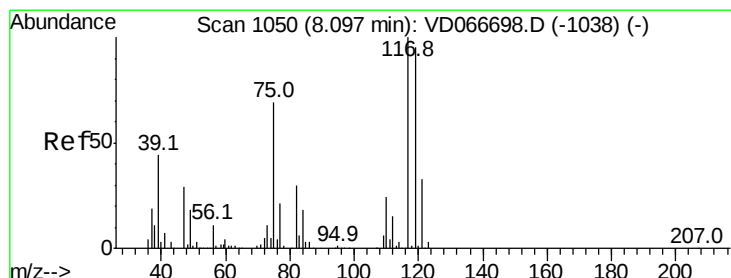
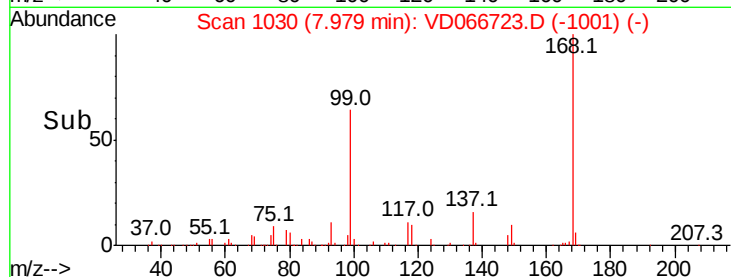
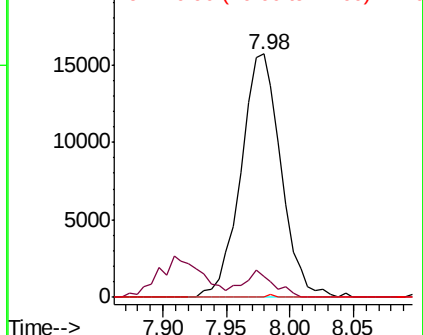
77 0.2 25.0 37.6#



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: 5.600 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066723.D

Acq: 16 Sep 2020 16:53

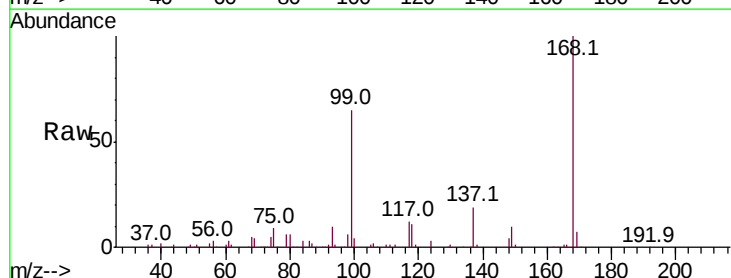
Tgt Ion: 117 Resp: 42556

Ion Ratio Lower Upper

117 100

119 6.8 75.8 113.6#

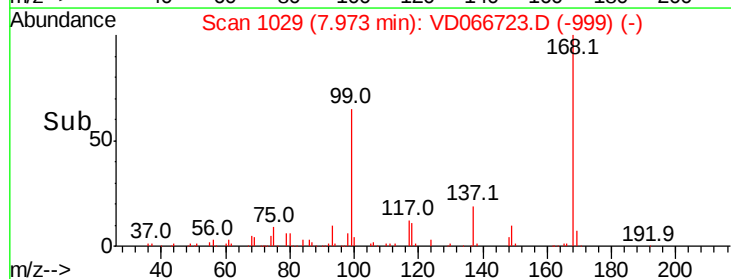
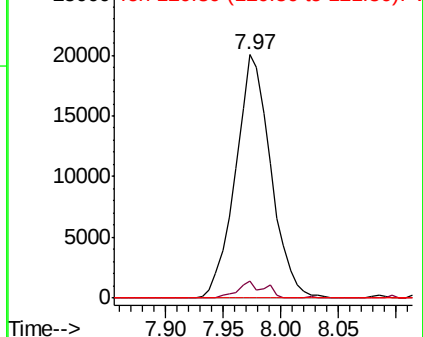
121 0.0 26.2 39.4#

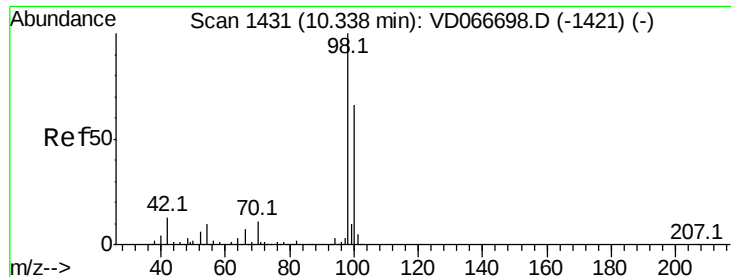


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

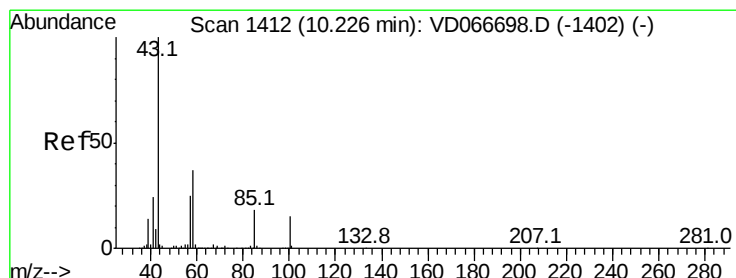
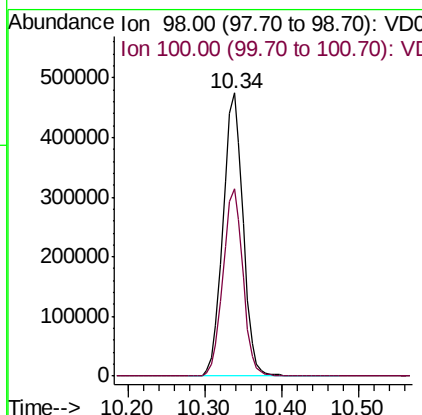
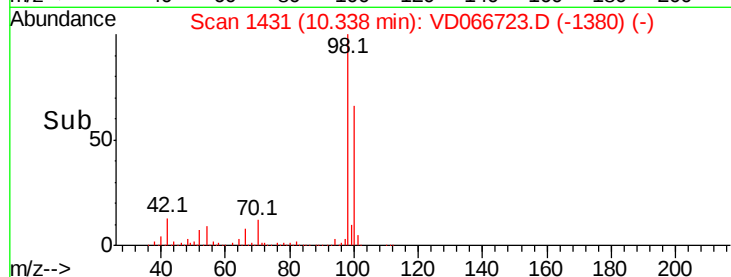
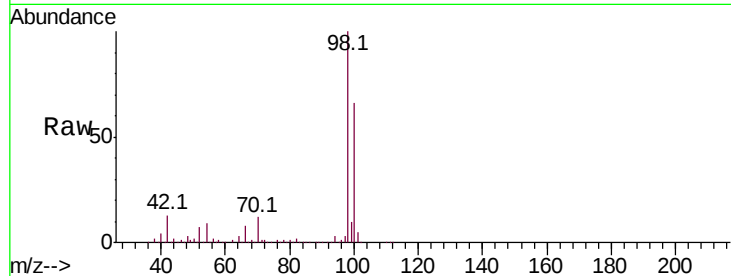




#50
Toluene-d8
Concen: 56.518 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066723.D
Acq: 16 Sep 2020 16:53

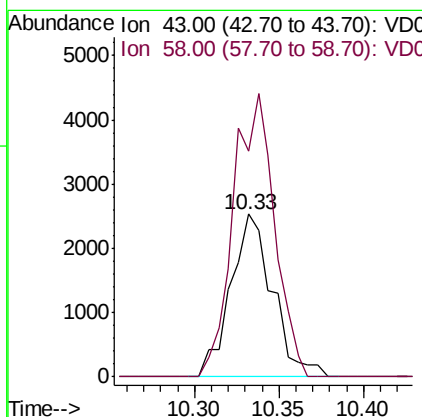
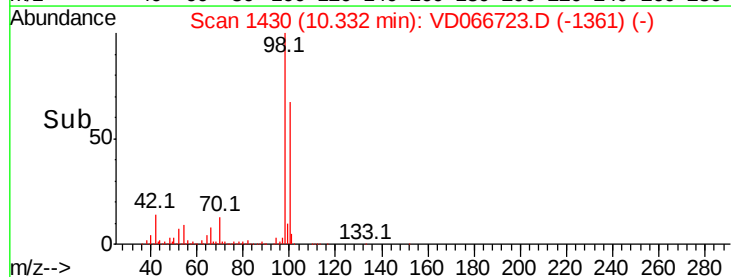
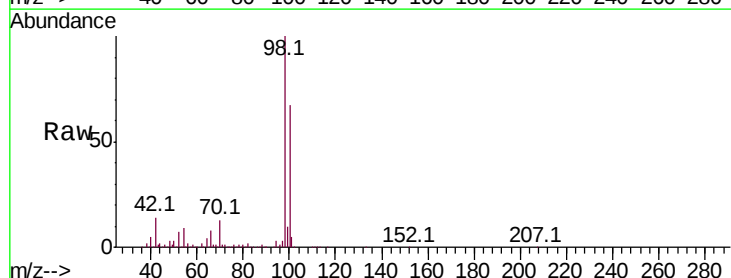
Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

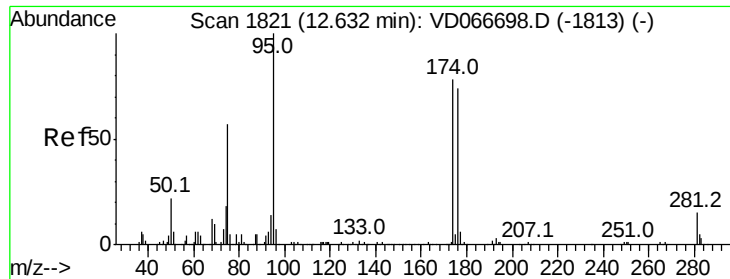
Tot Ion: 98 Resp: 859254
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.663 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. 0.11 min
Lab File: VD066723.D
Acq: 16 Sep 2020 16:53

Tgt Ion: 43 Resp: 4366
Ion Ratio Lower Upper
43 100
58 171.2 30.4 45.6#

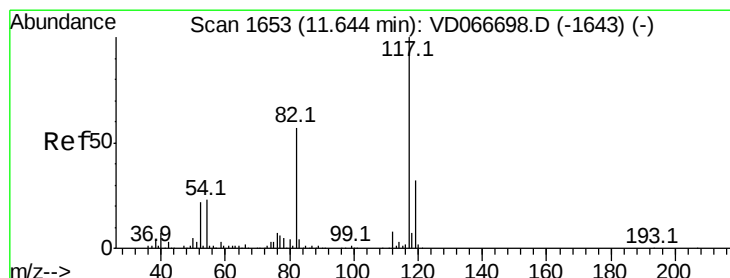
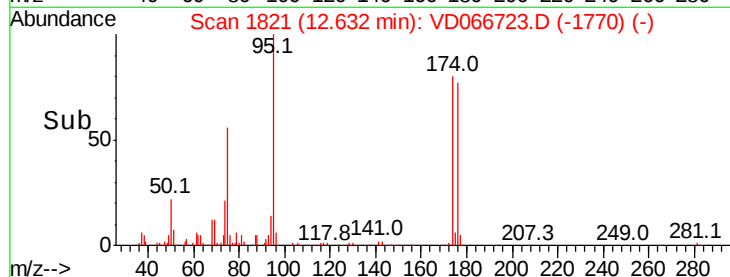
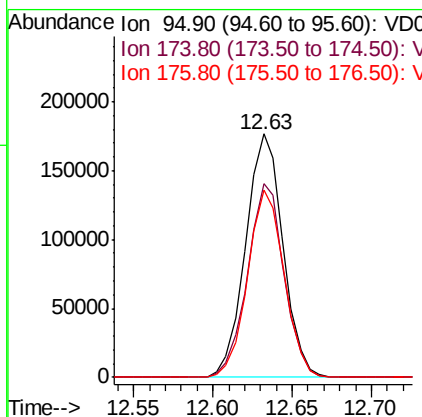
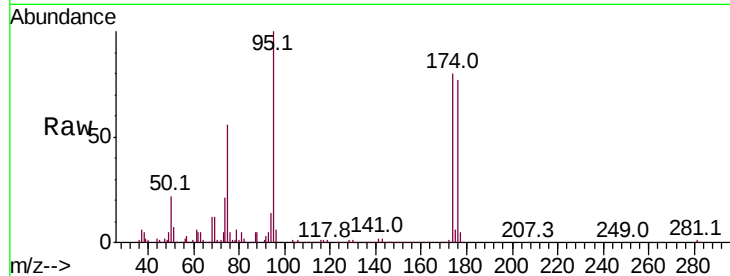




#62
4-Bromofluorobenzene
Concen: 54.977 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066723.D
Acq: 16 Sep 2020 16:53

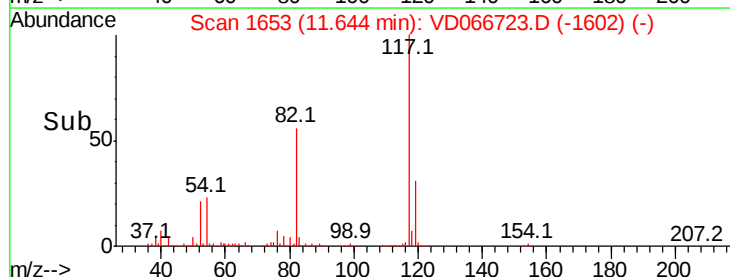
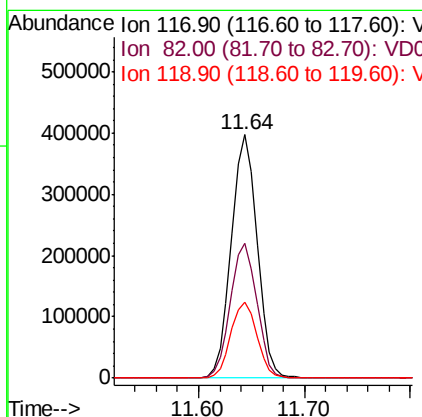
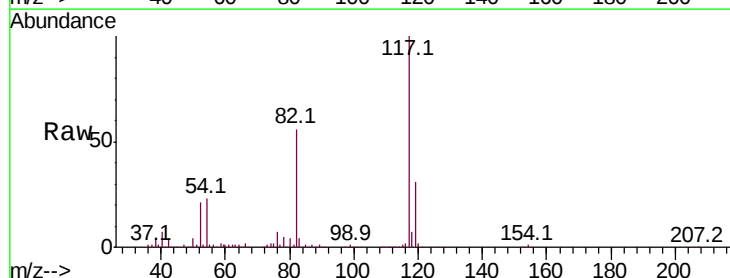
Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

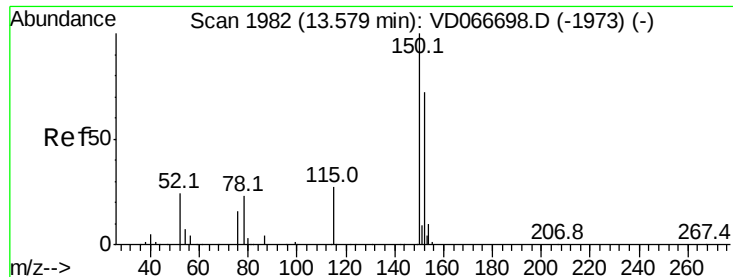
Tot Ion	95	Resp	288517
Ion Ratio	100		
174	78.3	0.0	156.6
176	75.5	0.0	150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066723.D
Acq: 16 Sep 2020 16:53

Tgt Ion	117	Resp	670709
Ion Ratio	100		
82	55.5	45.4	68.0
119	31.3	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: VD066723.D

Acq: 16 Sep 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VNJ-220

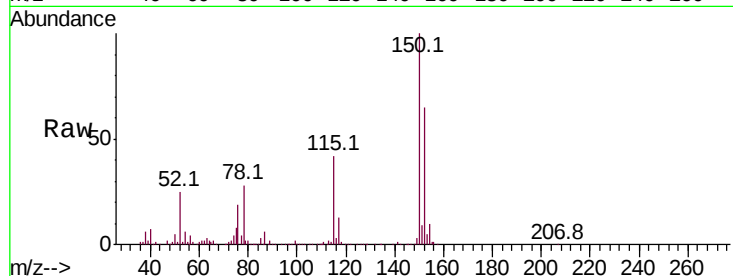
Tot Ion:152 Resp: 304731

Ion Ratio Lower Upper

152 100

115 62.2 30.5 91.5

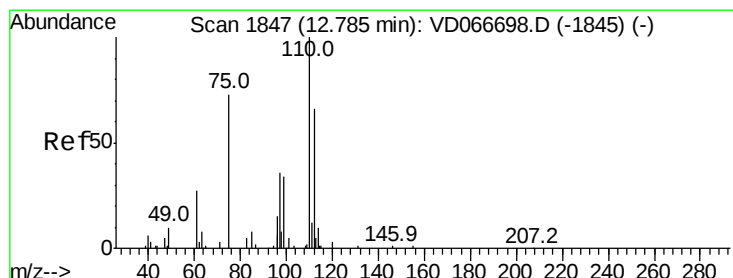
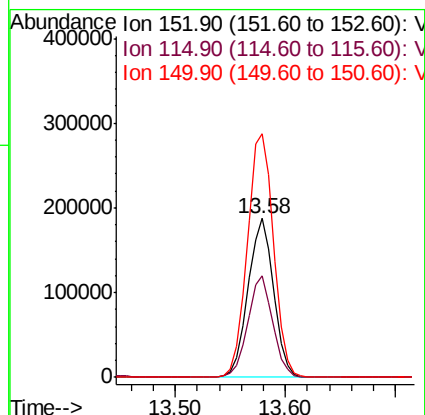
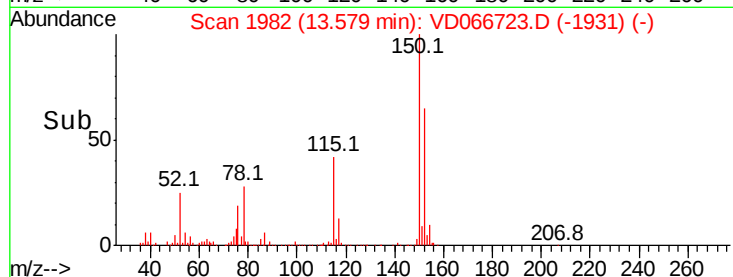
150 157.0 0.0 344.6



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: 62.785 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066723.D

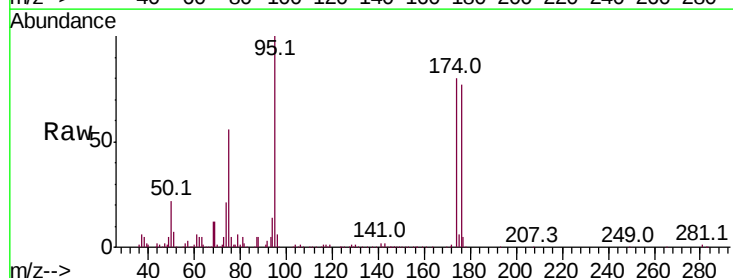
Acq: 16 Sep 2020 16:53

Tgt Ion: 75 Resp: 163767

Ion Ratio Lower Upper

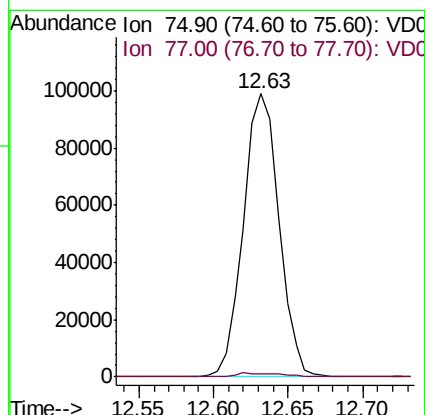
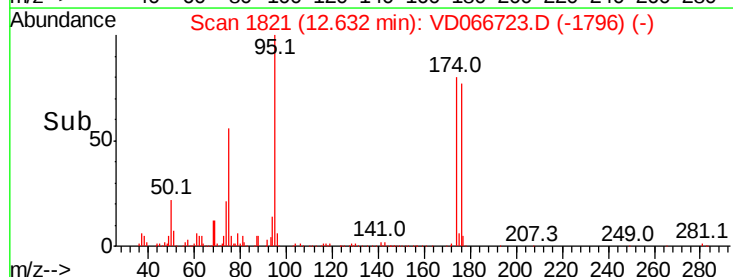
75 100

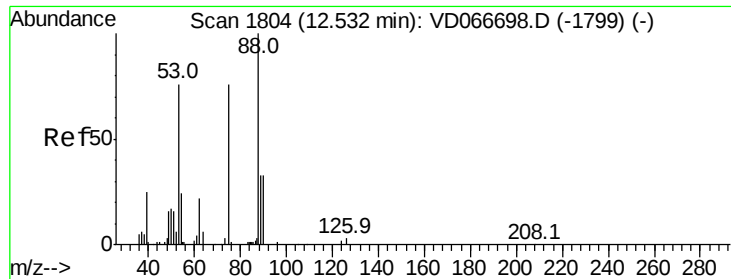
77 1.8 0.0 0.0#



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: 135.501 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066723.D

Acq: 16 Sep 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VNJ-220

Tot Ion: 75 Resp: 163767

Ion Ratio Lower Upper

75 100

53 0.2 82.2 123.4#

89 0.0 39.6 59.4#

