

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072720\
 Data File : VD066066.D
 Acq On : 27 Jul 2020 14:52
 Operator : VA/SY
 Sample : L3436-19
 Misc : 7.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 19

Quant Time: Jul 27 17:50:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	299192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	444229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	454258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	219905	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	116786	47.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.94%	
35) Dibromofluoromethane	7.92	113	132443	49.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.32%	
50) Toluene-d8	10.34	98	524975	52.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.64	95	202276	58.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	116.24%	

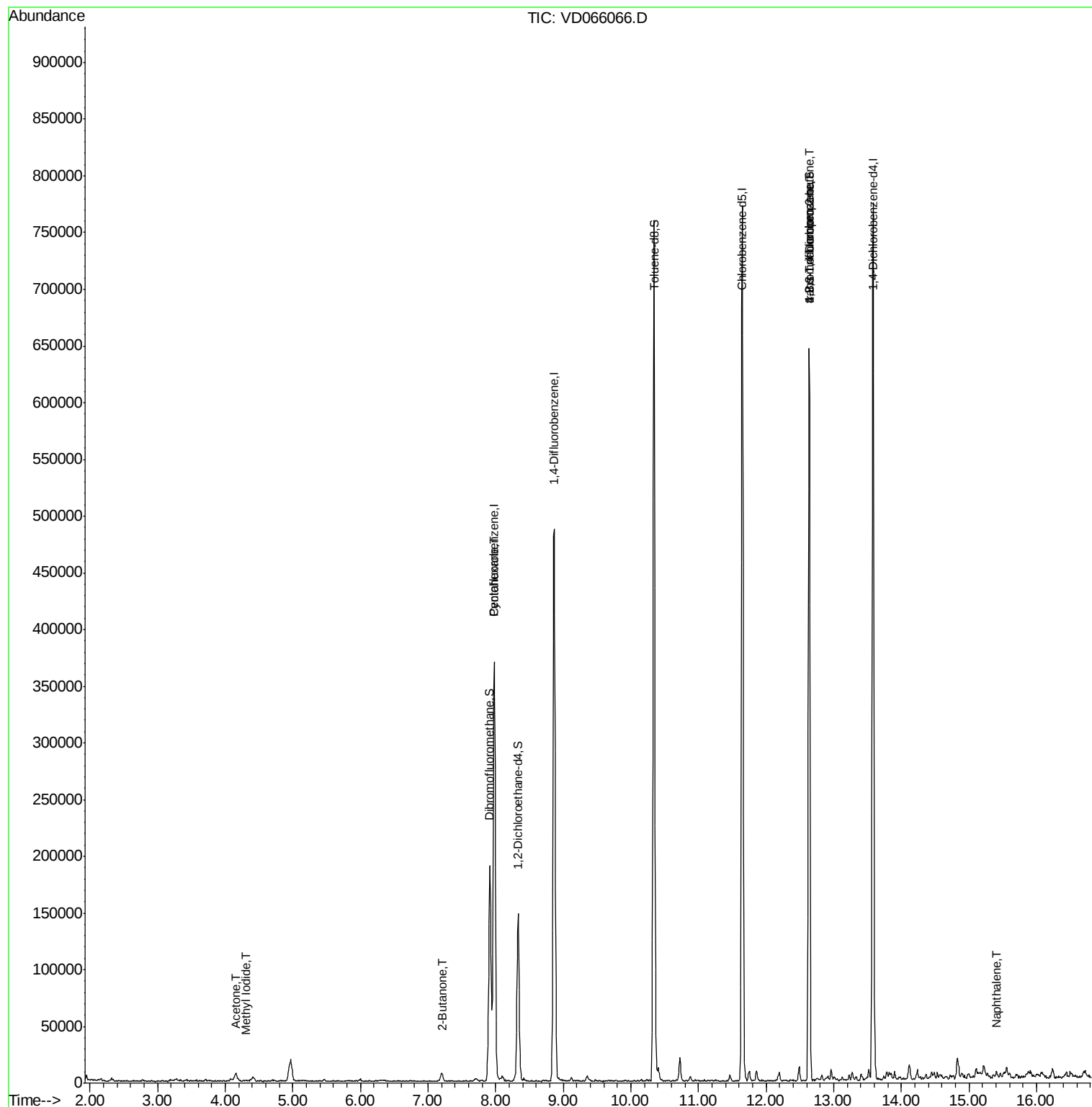
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.79	94	495	Below Cal	#	64
10) Methyl Iodide	4.30	142	785	9.059	ug/l #	54
11) Tert butyl alcohol	5.24	59	71	Below Cal	#	83
16) Acetone	4.16	43	13115	26.614	ug/l	95
20) Methylene Chloride	4.96	84	7489	Below Cal		89
25) 2-Butanone	7.22	43	3207	4.905	ug/l #	88
31) Cyclohexane	7.98	56	6724	1.535	ug/l #	10
76) 1,2,3-Trichloropropane	12.64	75	101613	61.369	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	101613	140.821	ug/l #	11
95) Naphthalene	15.42	128	3438	4.005	ug/l #	91

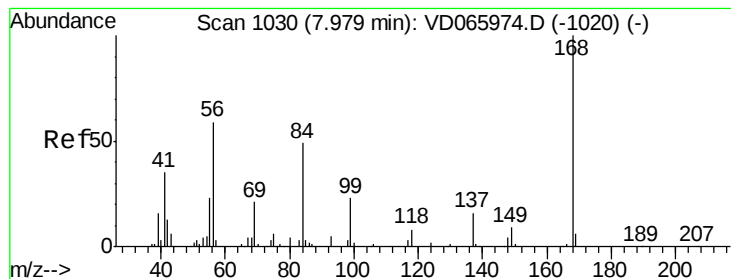
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD072720\
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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: VD066066.D

Acq: 27 Jul 2020 14:52

Instrument :

MSVOA_D

ClientSampleId :

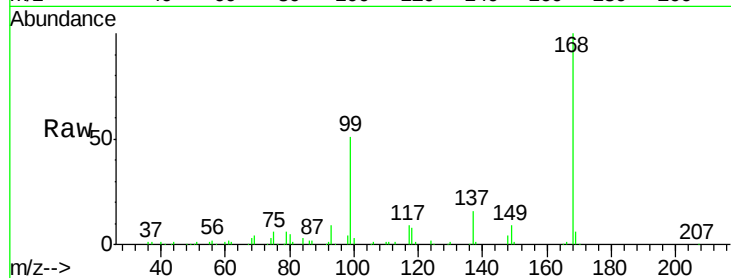
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Tgt Ion:168 Resp: 299192

Ion Ratio Lower Upper

168 100

99 50.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

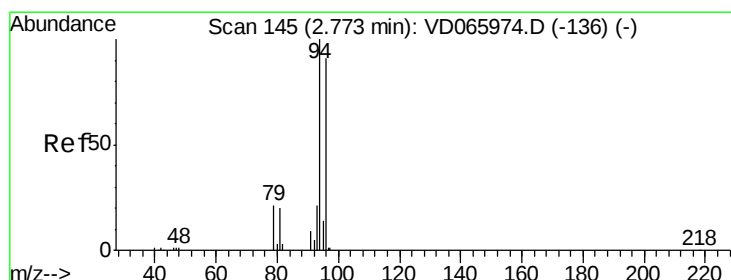
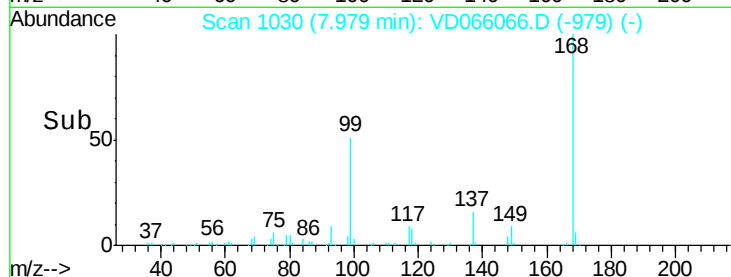
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD066066.D

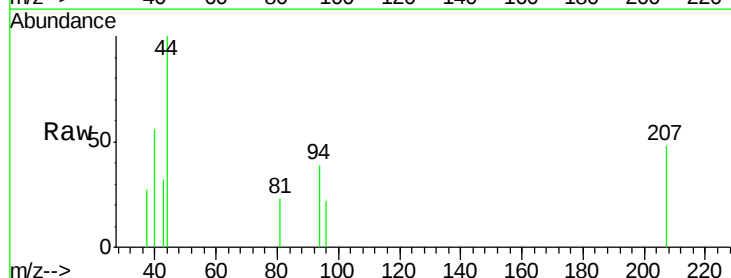
Acq: 27 Jul 2020 14:52

Tgt Ion: 94 Resp: 495

Ion Ratio Lower Upper

94 100

96 56.7 73.0 109.4#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.79

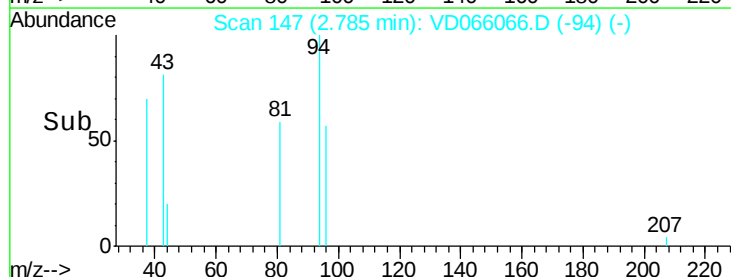
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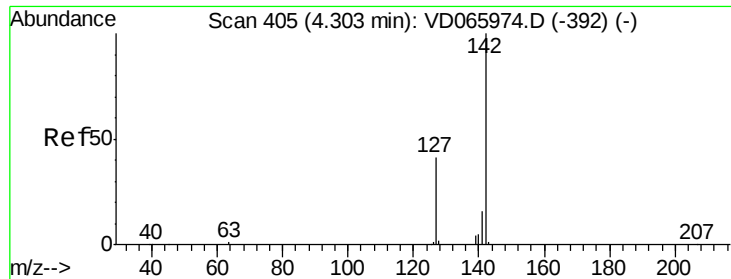
200

100

0

Time-->

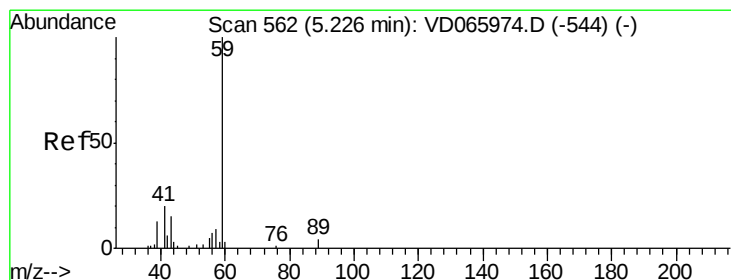
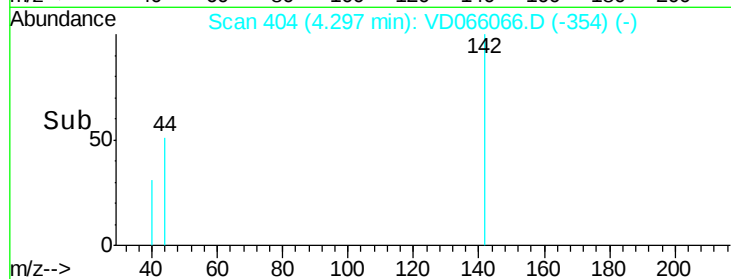
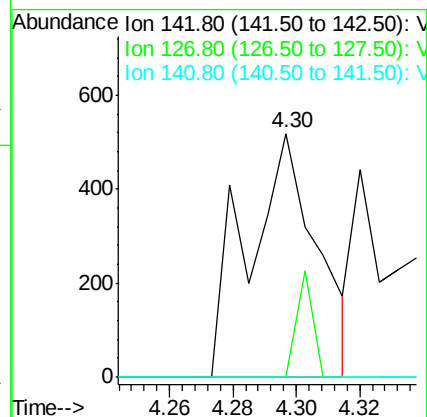
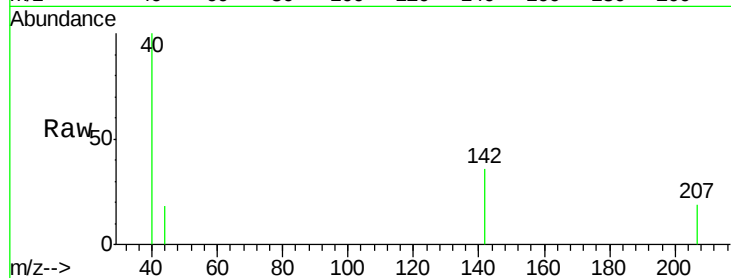




#10
Methyl Iodide
Concen: 9.059 ug/l
RT: 4.30 min Scan# 404
Delta R.T. -0.01 min
Lab File: VD066066.D
Acq: 27 Jul 2020 14:52

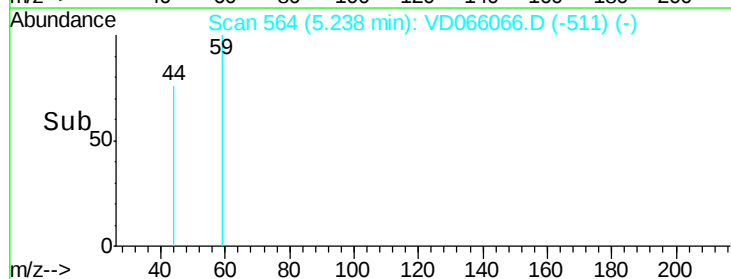
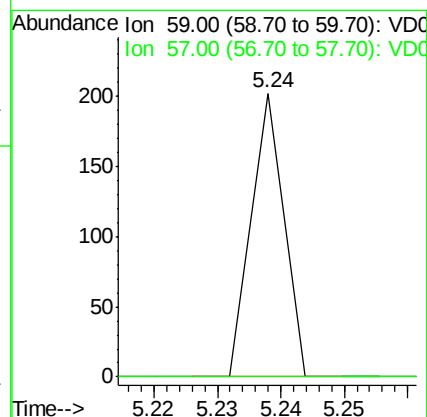
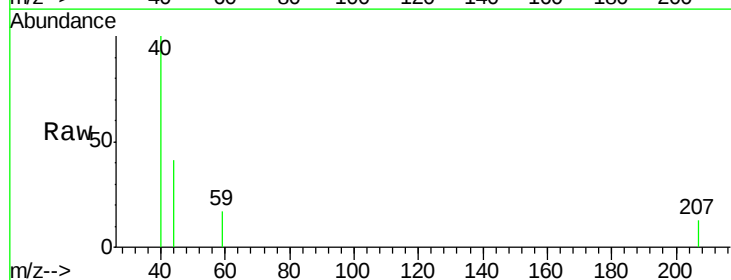
Instrument :
MSVOA_D
ClientSampled :
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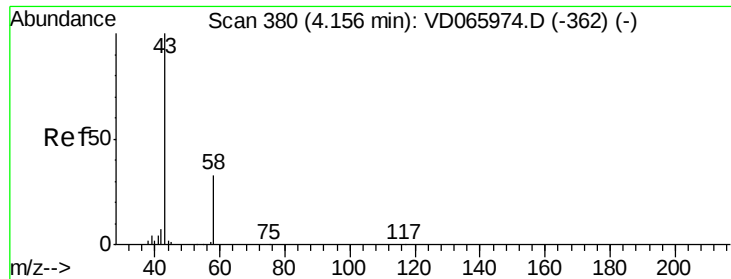
Tgt Ion: 142 Resp: 785
Ion Ratio Lower Upper
142 100
127 10.2 32.9 49.3#
141 0.0 11.8 17.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.24 min Scan# 564
Delta R.T. 0.01 min
Lab File: VD066066.D
Acq: 27 Jul 2020 14:52

Tgt Ion: 59 Resp: 71
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#





#16

Acetone

Concen: 26.614 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066066.D

Acq: 27 Jul 2020 14:52

Instrument :

MSVOA_D

ClientSampleId :

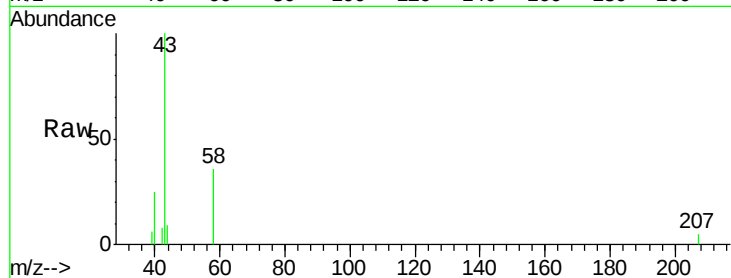
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Tgt Ion: 43 Resp: 13115

Ion Ratio Lower Upper

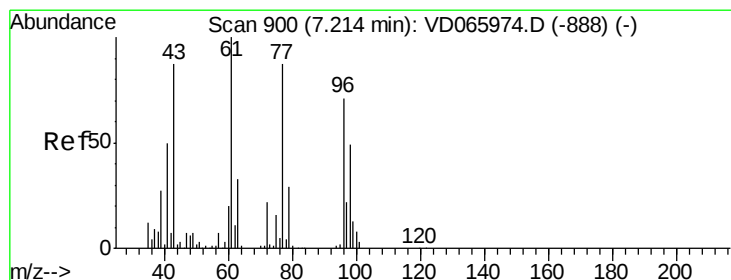
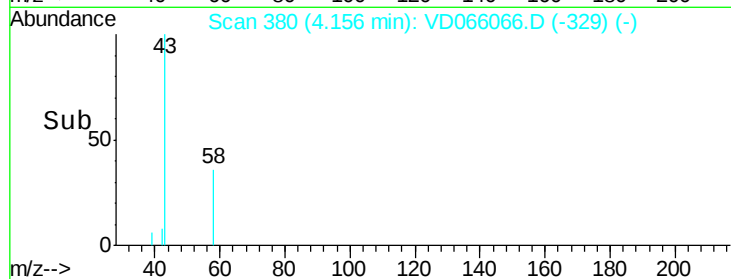
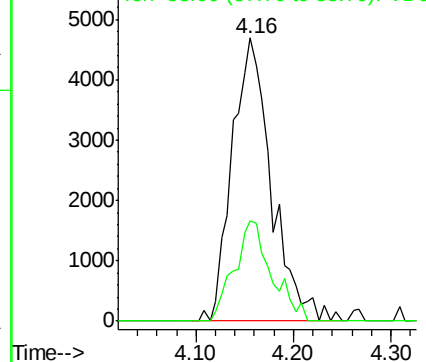
43 100

58 35.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#25

2-Butanone

Concen: 4.905 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD066066.D

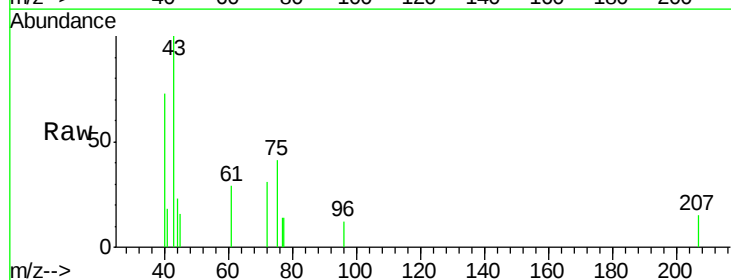
Acq: 27 Jul 2020 14:52

Tgt Ion: 43 Resp: 3207

Ion Ratio Lower Upper

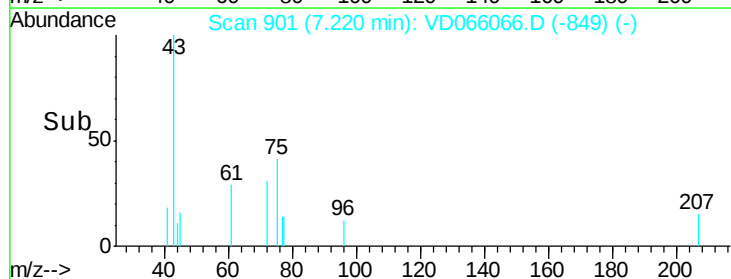
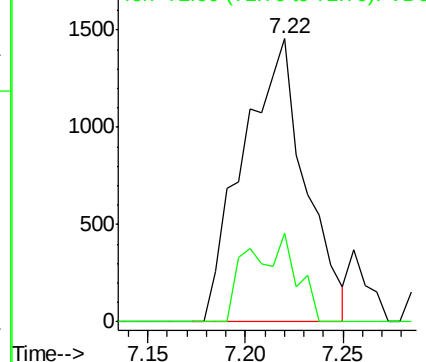
43 100

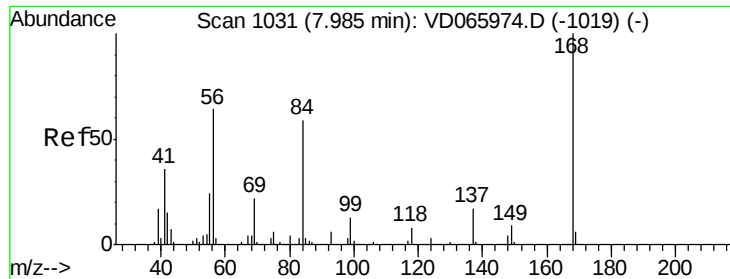
72 31.2 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

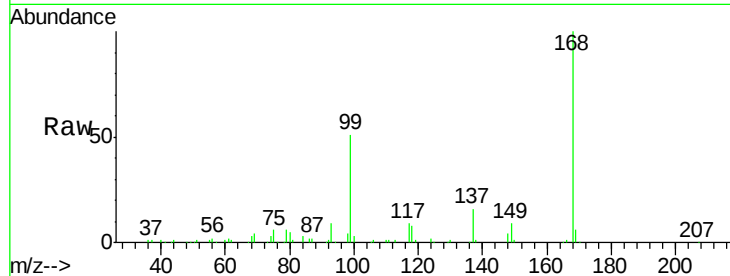




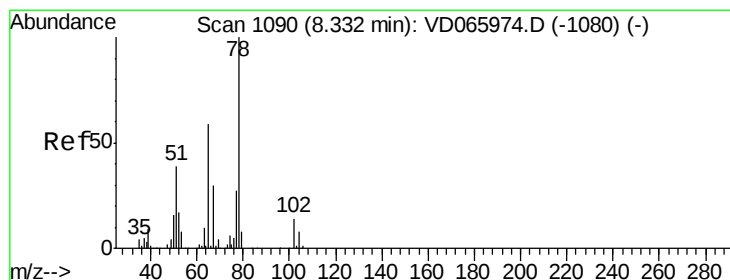
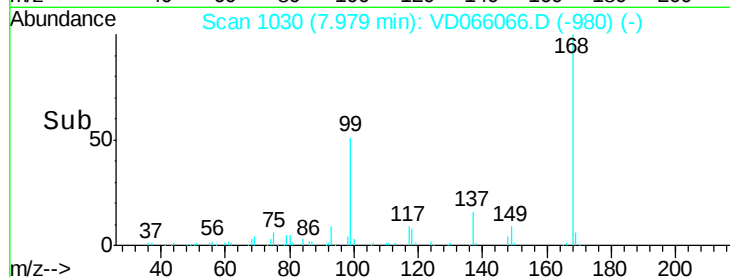
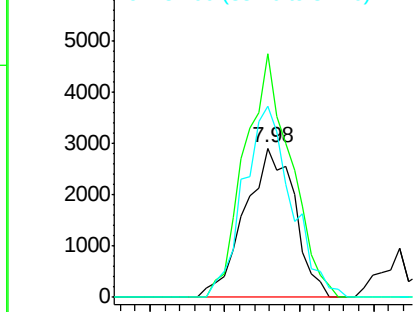
#31
Cyclohexane
Concen: 1.535 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066066.D
Acq: 27 Jul 2020 14:52

Instrument :
MSVOA_D
ClientSampleId :
19

Tgt Ion: 56 Resp: 6724
Ion Ratio Lower Upper
56 100
69 163.4 28.0 42.0#
84 128.2 72.6 109.0#

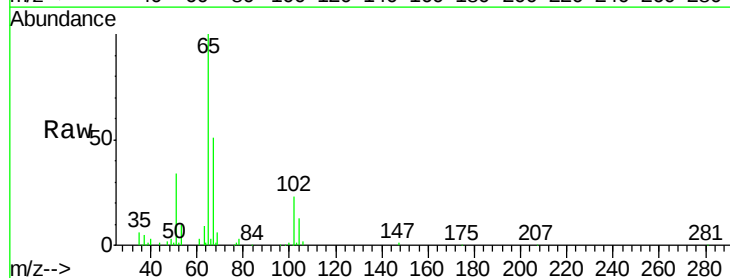


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

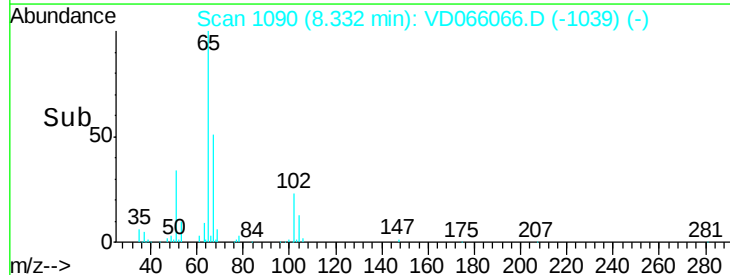
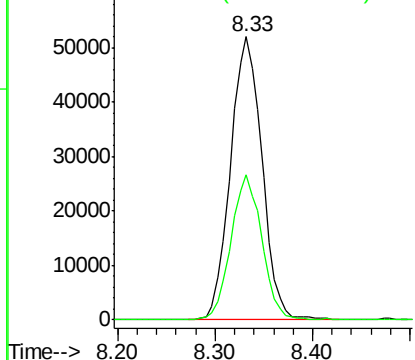


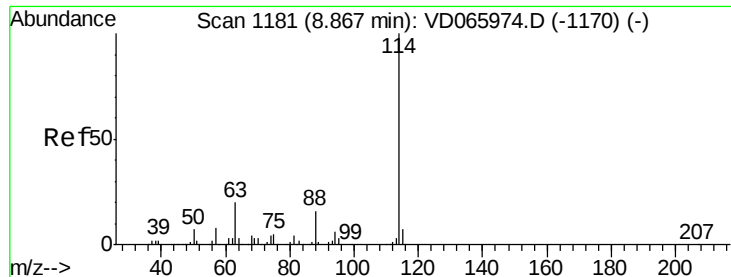
#33
1,2-Dichloroethane-d4
Concen: 47.971 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066066.D
Acq: 27 Jul 2020 14:52

Tgt Ion: 65 Resp: 116786
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

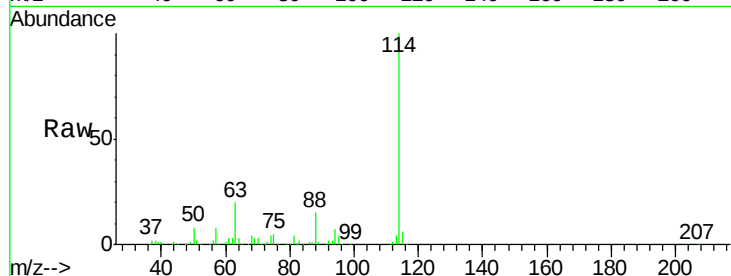




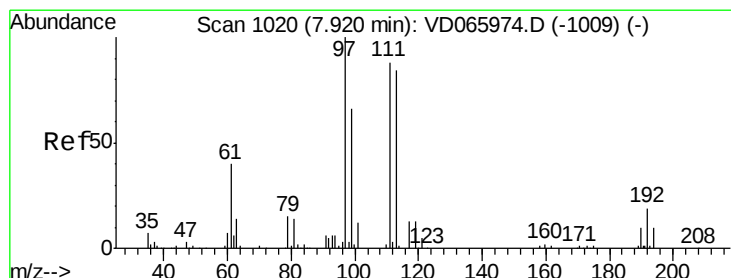
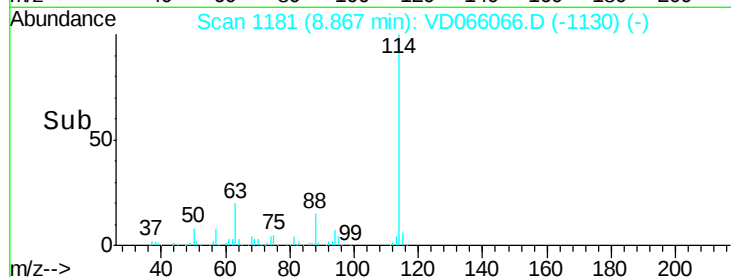
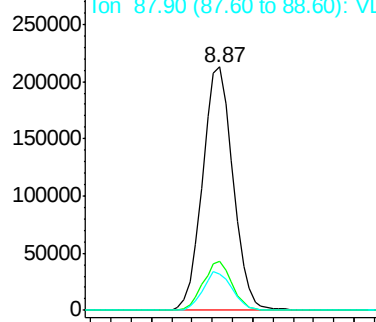
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066066.D
 Acq: 27 Jul 2020 14:52

Instrument :
 MSVOA_D
 ClientSampled :
 19

Tgt Ion:114 Resp: 444229
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 14.9 0.0 31.2

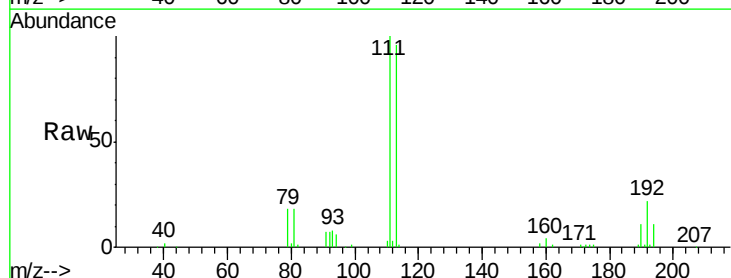


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

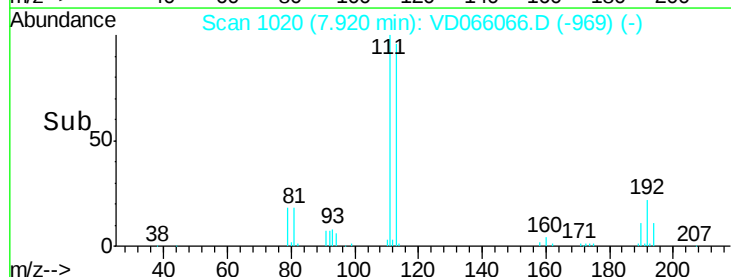
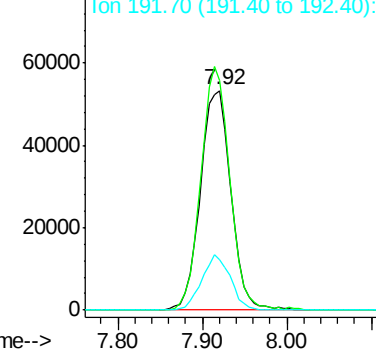


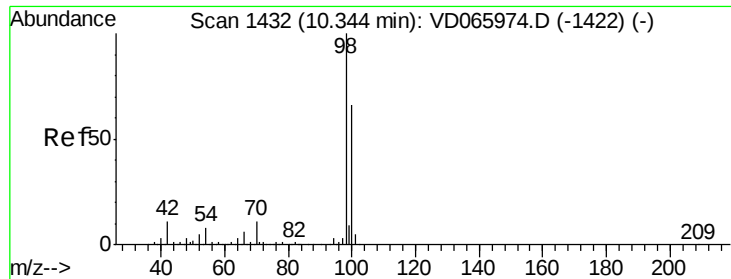
#35
 Dibromofluoromethane
 Concen: 49.155 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066066.D
 Acq: 27 Jul 2020 14:52

Tgt Ion:113 Resp: 132443
 Ion Ratio Lower Upper
 113 100
 111 104.8 83.2 124.8
 192 23.7 18.7 28.1



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

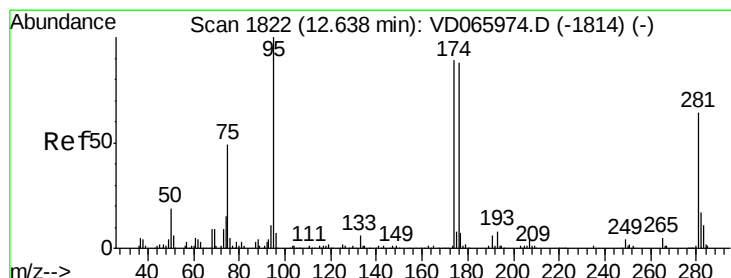
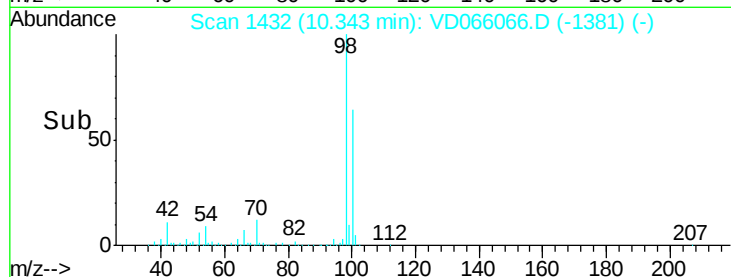
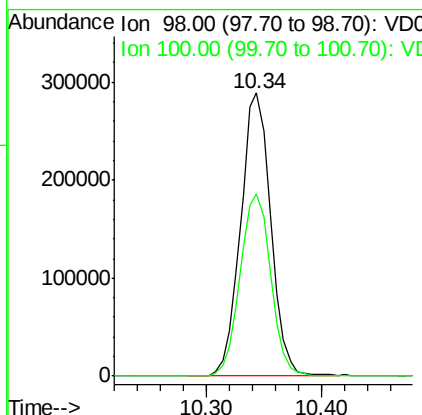
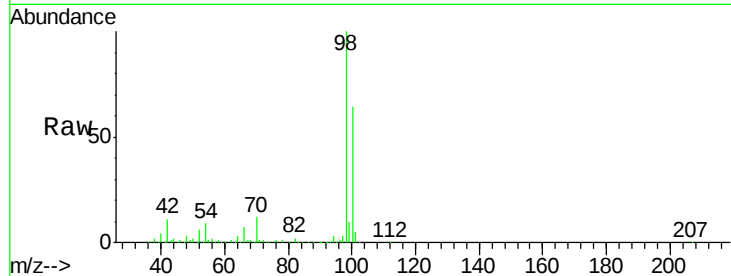




#50
Toluene-d8
Concen: 52.302 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066066.D
Acq: 27 Jul 2020 14:52

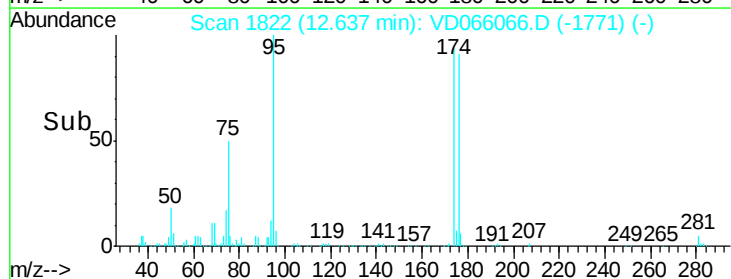
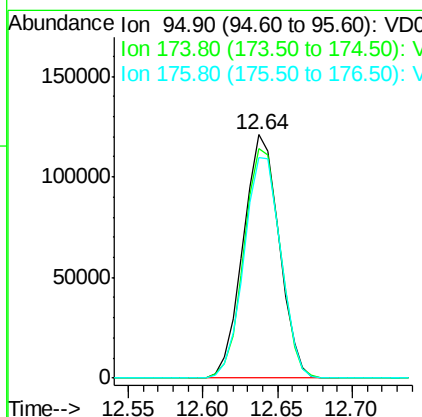
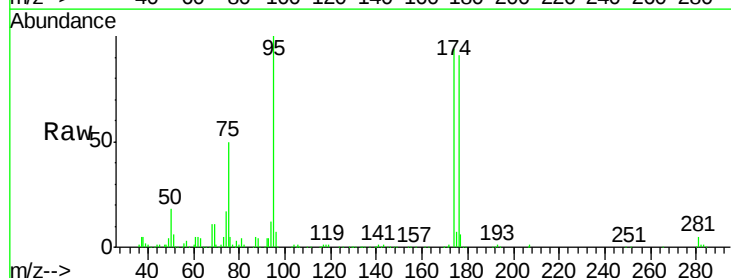
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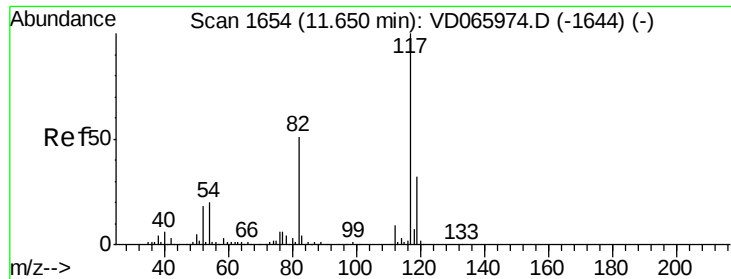
Tgt Ion: 98 Resp: 524975
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 58.120 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066066.D
Acq: 27 Jul 2020 14:52

Tgt Ion: 95 Resp: 202276
Ion Ratio Lower Upper
95 100
174 94.4 0.0 178.8
176 92.3 0.0 172.6

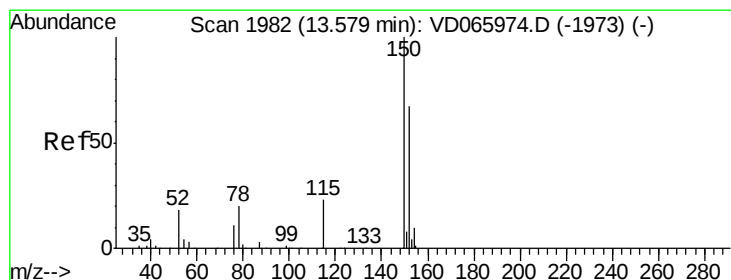
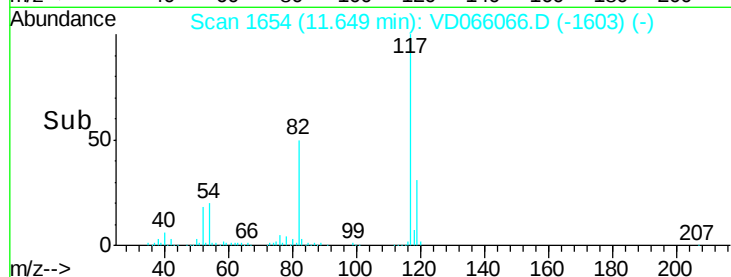
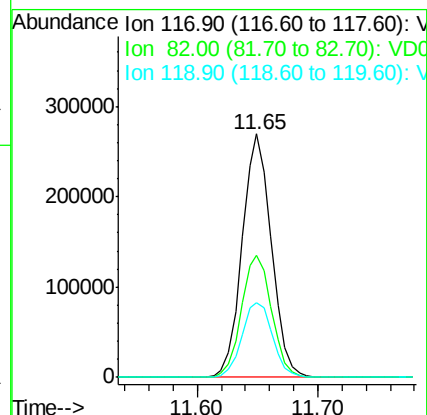
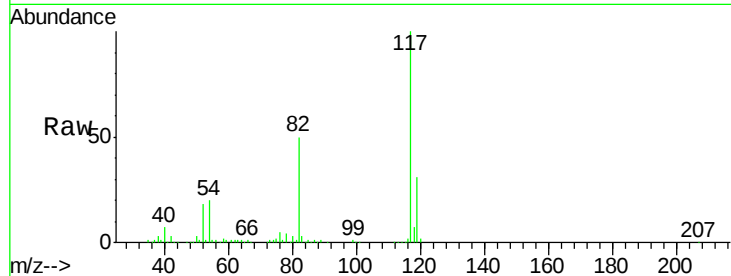




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066066.D
Acq: 27 Jul 2020 14:52

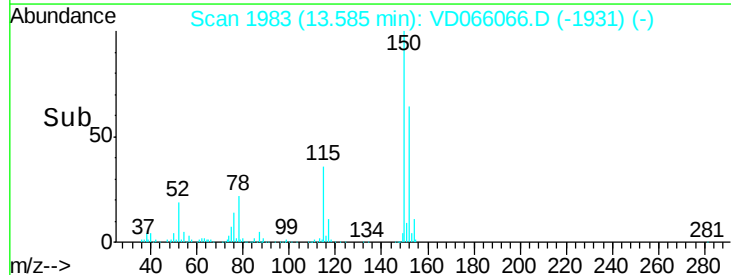
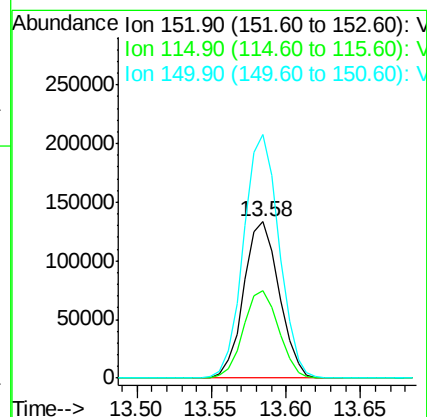
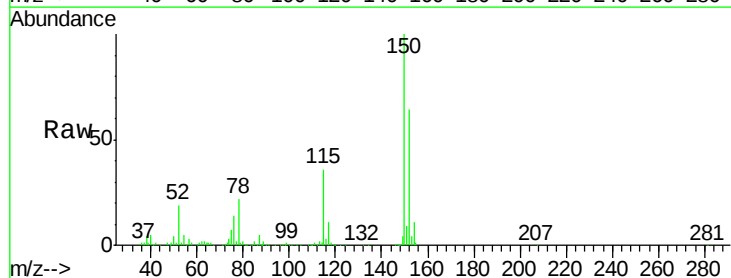
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MSVOA_D
ClientSampleId :
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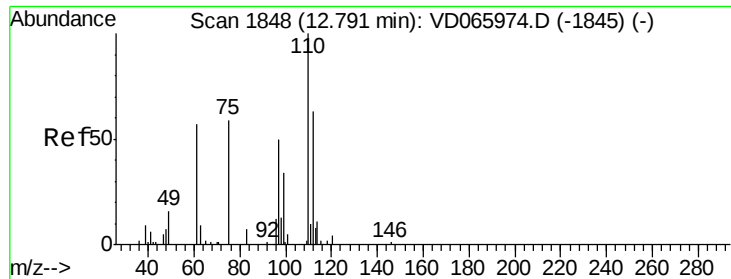
Tgt Ion:117 Resp: 454258
Ion Ratio Lower Upper
117 100
82 50.3 41.1 61.7
119 30.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066066.D
Acq: 27 Jul 2020 14:52

Tgt Ion:152 Resp: 219905
Ion Ratio Lower Upper
152 100
115 55.5 27.9 83.7
150 155.4 0.0 348.2

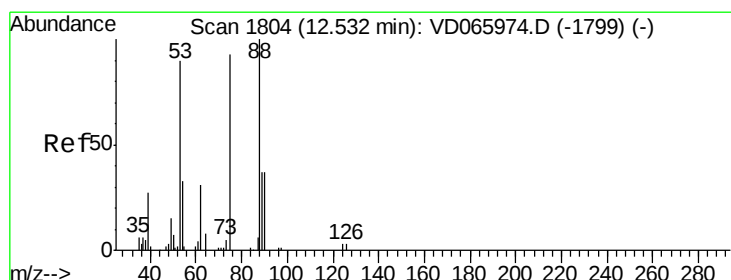
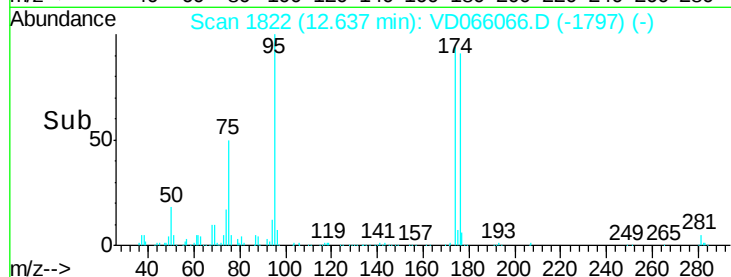
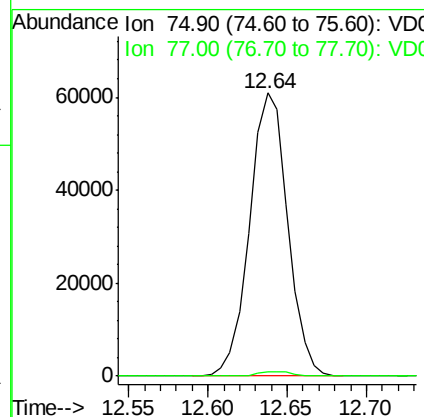
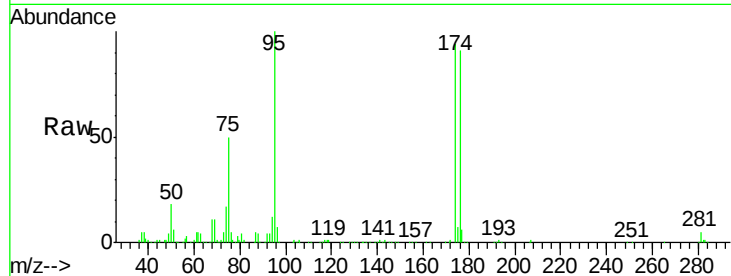




#76
 1,2,3-Trichloropropane
 Concen: 61.369 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD066066.D
 Acq: 27 Jul 2020 14:52

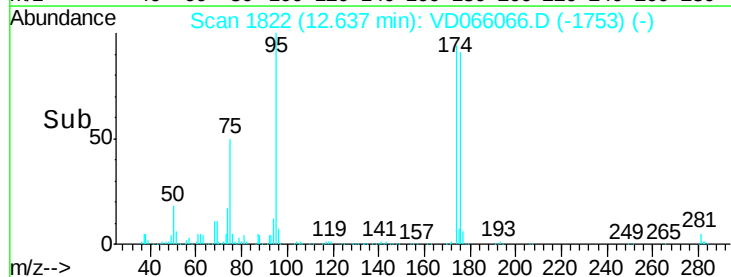
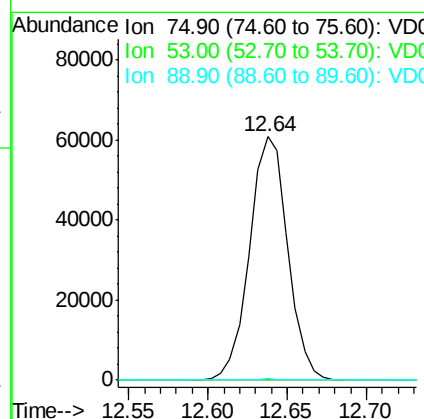
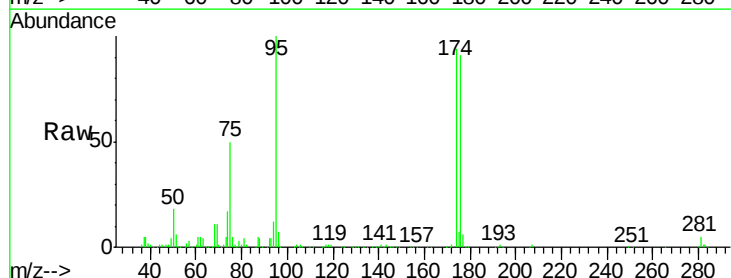
Instrument :
 MSVOA_D
 ClientSampleId :
 19

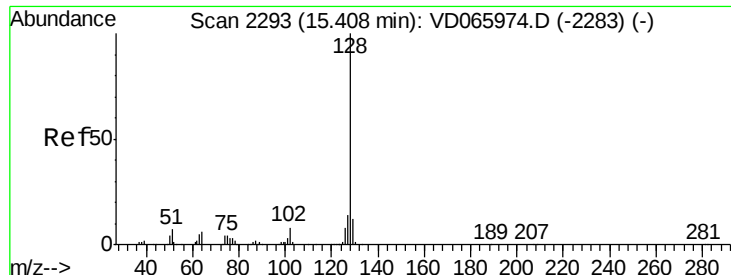
Tgt Ion: 75 Resp: 101613
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.821 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD066066.D
 Acq: 27 Jul 2020 14:52

Tgt Ion: 75 Resp: 101613
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.8 115.2#
 89 0.1 37.0 55.4#





#95

Naphthalene

Concen: 4.005 ug/l

RT: 15.42 min Scan# 2295

Delta R.T. 0.01 min

Lab File: VD066066.D

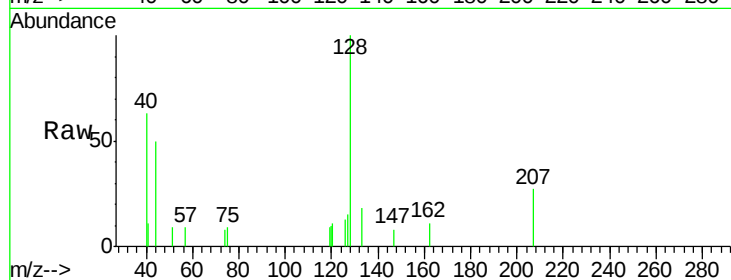
Acq: 27 Jul 2020 14:52

Instrument :

MSVOA_D

ClientSampleId :

19



Tgt Ion:	128	Resp:	3438
Ion	Ratio	Lower	Upper
128	100		
127	7.3	10.8	16.2#
129	11.7	8.9	13.3

