

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072820\
 Data File : VD066073.D
 Acq On : 28 Jul 2020 11:47
 Operator : VA/SY
 Sample : VD0728SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 29 01:30:58 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	290199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	441233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	468079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	257522	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	120835	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
35) Dibromofluoromethane	7.91	113	133416	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	10.34	98	519891	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.64	95	222487	64.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.72%	

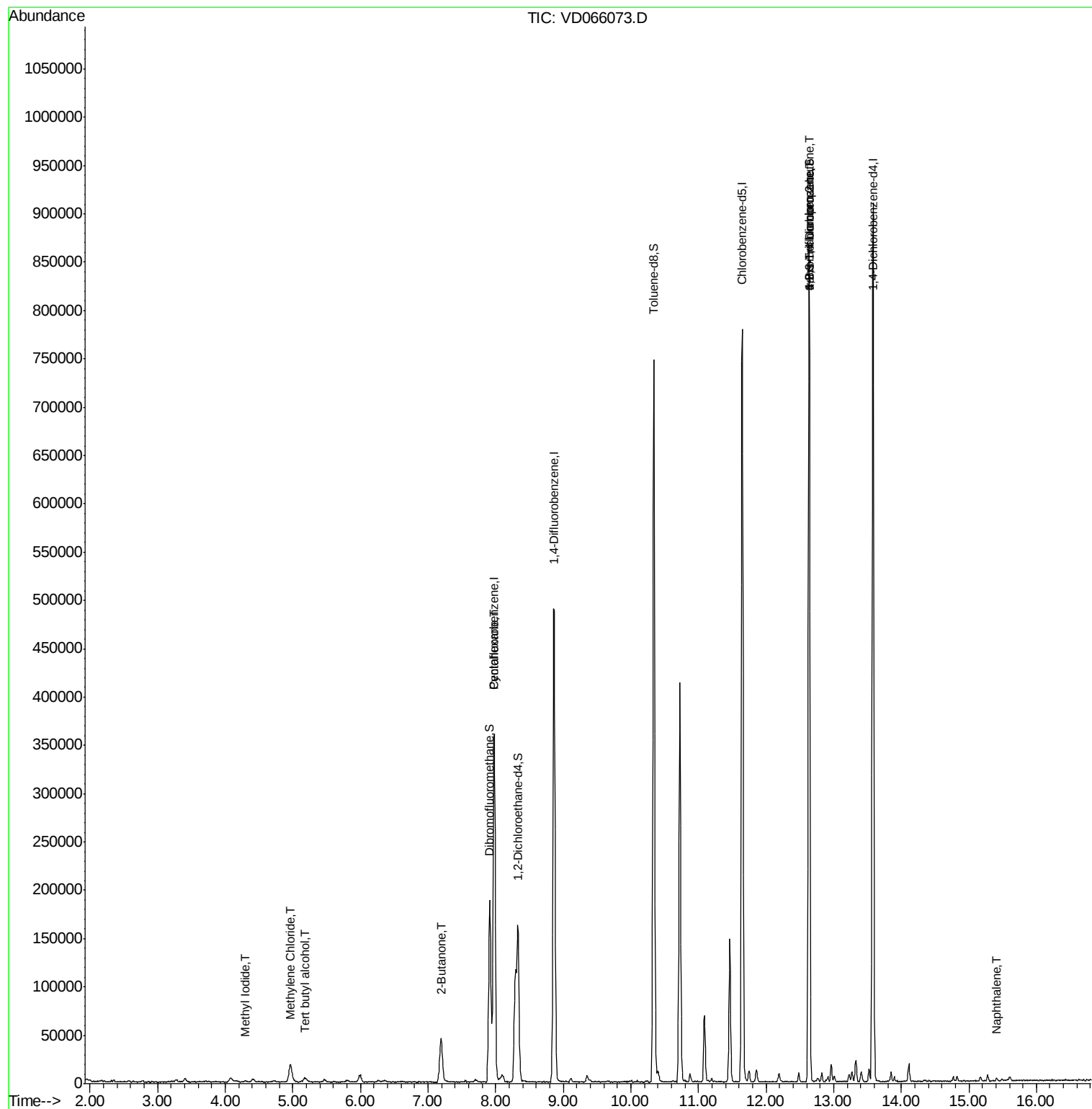
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	561	Below Cal	#	61
10) Methyl Iodide	4.30	142	1412	9.271	ug/l #	80
11) Tert butyl alcohol	5.18	59	4563	4.024	ug/l #	83
20) Methylene Chloride	4.97	84	14417	2.647	ug/l #	79
25) 2-Butanone	7.20	43	2666	4.204	ug/l #	50
31) Cyclohexane	7.98	56	7362	1.733	ug/l #	43
76) 1,2,3-Trichloropropane	12.64	75	113098	58.328	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	113098	133.842	ug/l #	11
95) Naphthalene	15.41	128	2968	3.884	ug/l #	97

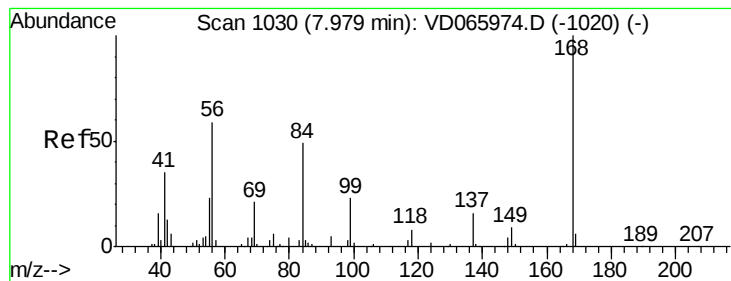
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

Quant Time: Jul 29 01:30:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 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: VD066073.D

Acq: 28 Jul 2020 11:47

Instrument :

MSVOA_D

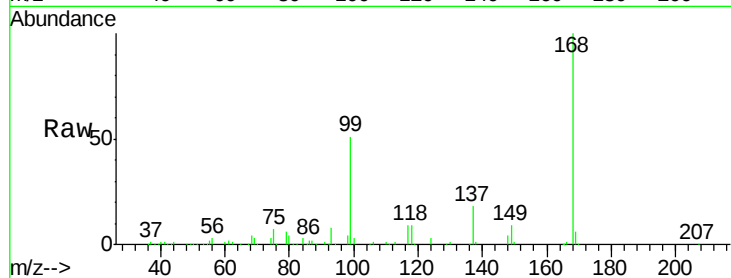
ClientSampleId :

Tot Ion:168 Resp: 290199

Ion Ratio Lower Upper

168 100

99 50.7 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

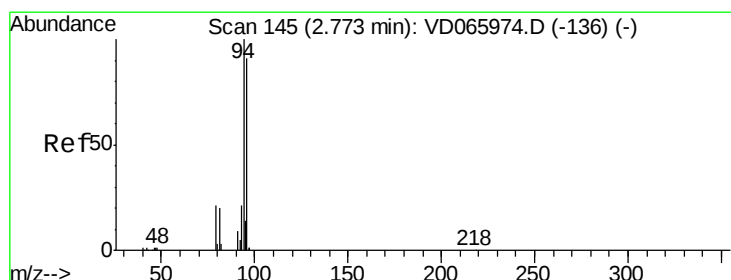
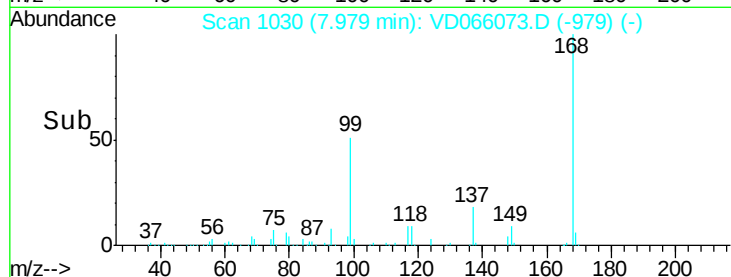
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066073.D

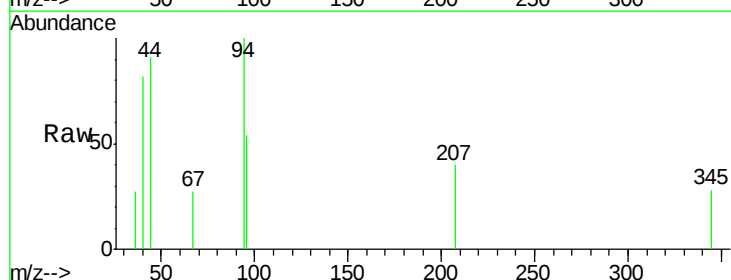
Acq: 28 Jul 2020 11:47

Tgt Ion: 94 Resp: 561

Ion Ratio Lower Upper

94 100

96 54.2 73.0 109.4#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

800

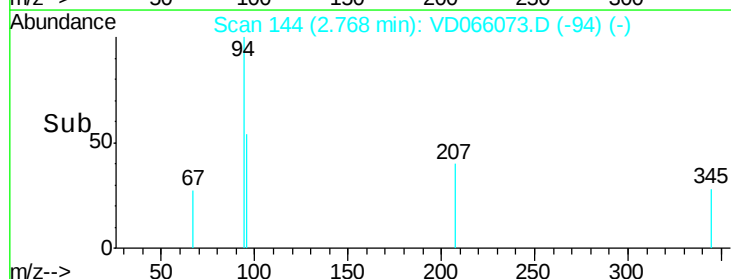
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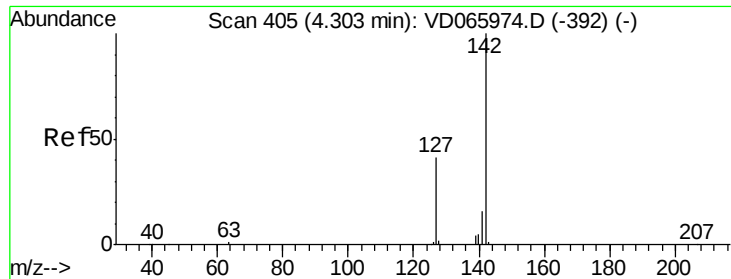
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200

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Time-->

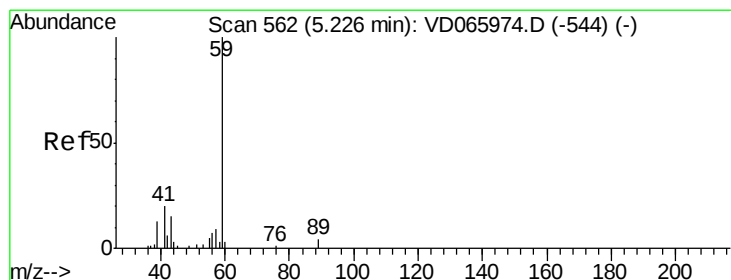
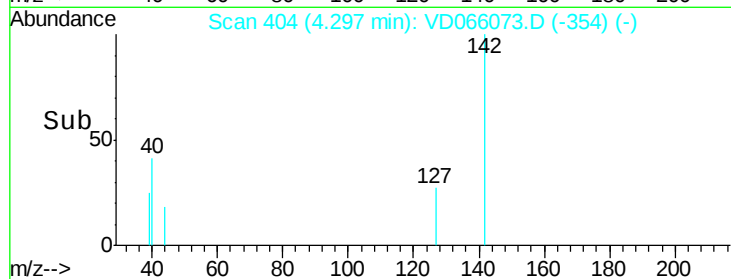
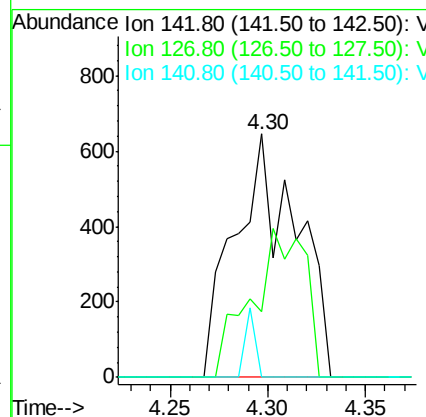
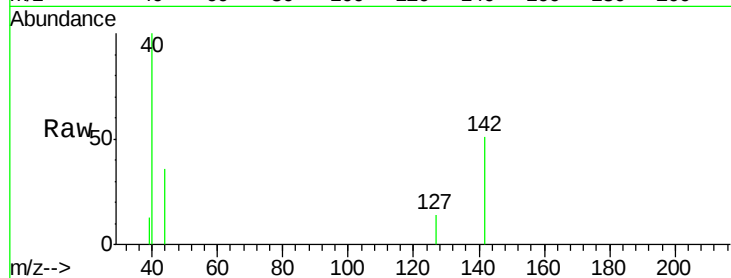




#10
Methvl Iodide
Concen: 9.271 ug/l
RT: 4.30 min Scan# 404
Delta R.T. -0.01 min
Lab File: VD066073.D
Acq: 28 Jul 2020 11:47

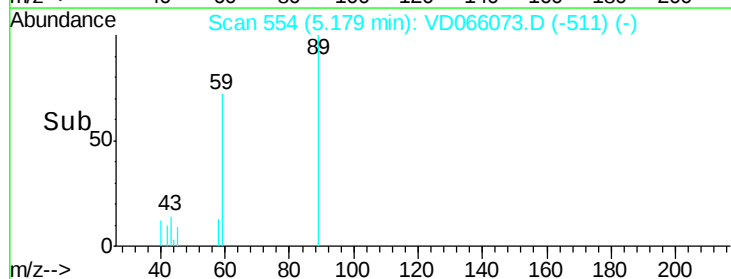
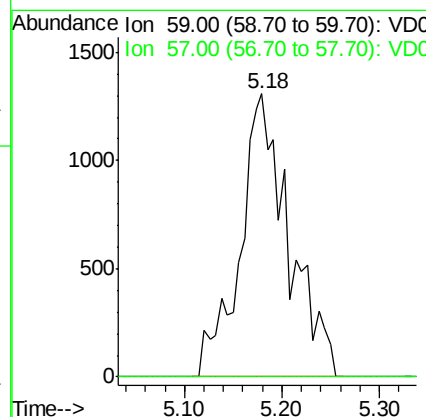
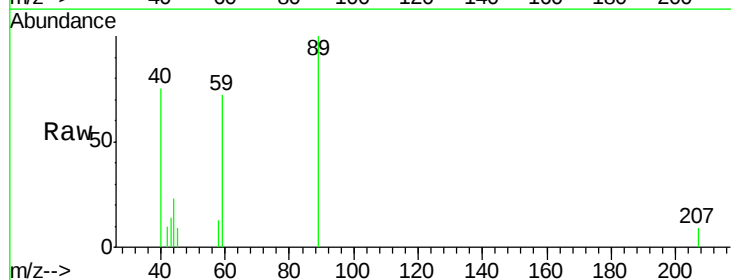
Instrument :
MSVOA_D
ClientSampleId :

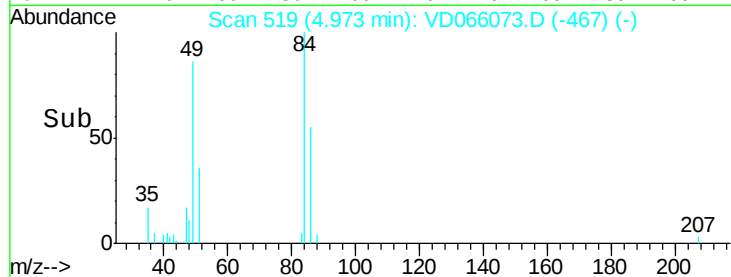
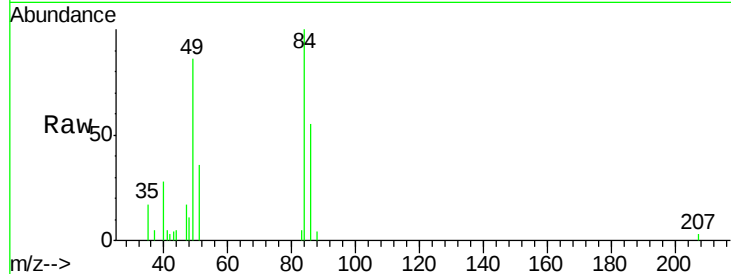
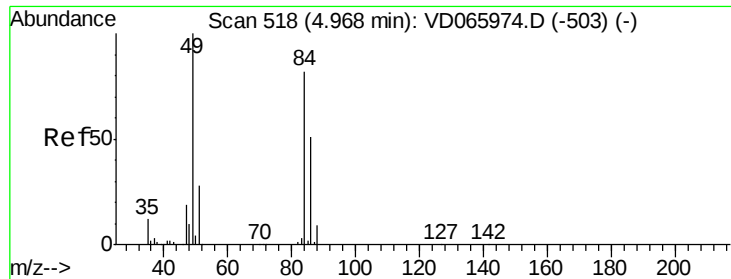
Tot Ion:142 Resp: 1412
Ion Ratio Lower Upper
142 100
127 52.8 32.9 49.3#
141 4.7 11.8 17.6#



#11
Tert butyl alcohol
Concen: 4.024 ug/l
RT: 5.18 min Scan# 554
Delta R.T. -0.05 min
Lab File: VD066073.D
Acq: 28 Jul 2020 11:47

Tgt Ion: 59 Resp: 4563
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

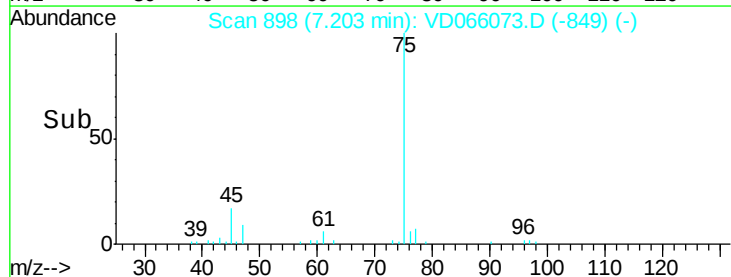
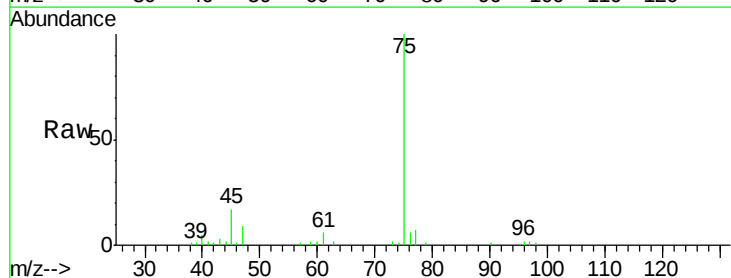
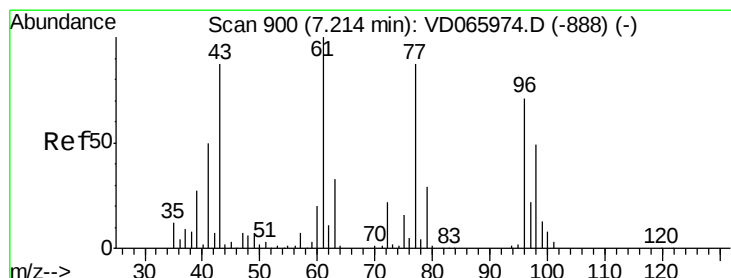
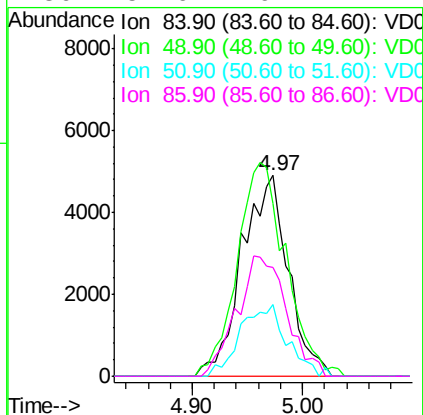




#20
Methylene Chloride
Concen: 2.647 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066073.D
Acq: 28 Jul 2020 11:47

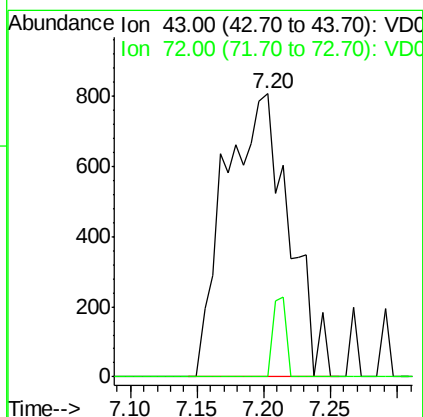
Instrument :
MSVOA_D
ClientSampleId :

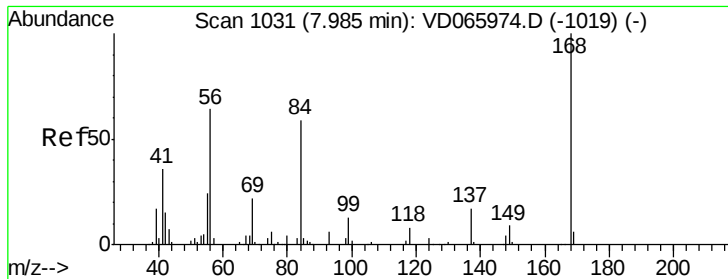
Tot Ion: 84 Resp: 14417
Ion Ratio Lower Upper
84 100
49 86.5 97.7 146.5#
51 35.6 27.4 41.2
86 54.6 49.4 74.2



#25
2-Butanone
Concen: 4.204 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066073.D
Acq: 28 Jul 2020 11:47

Tgt Ion: 43 Resp: 2666
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#

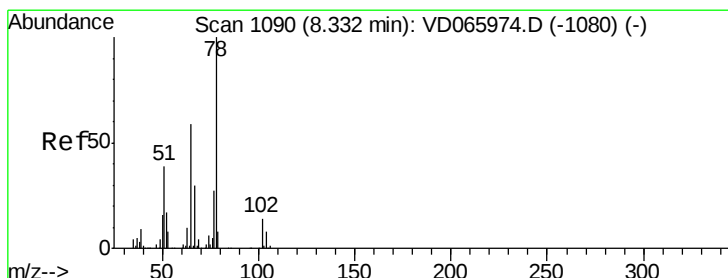
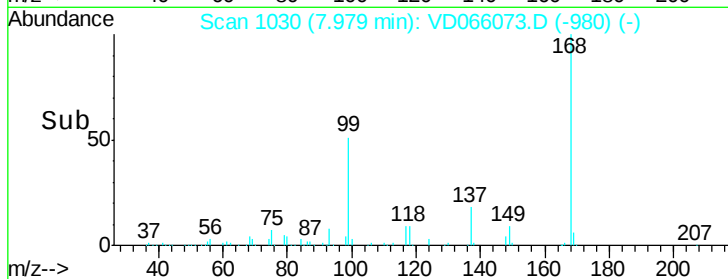
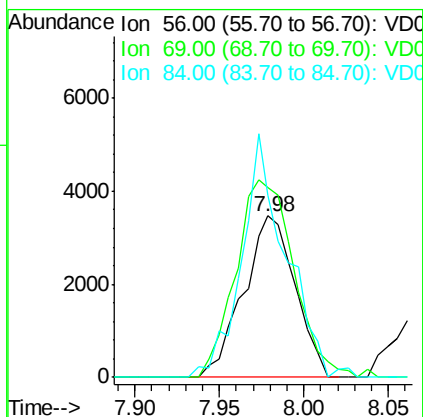
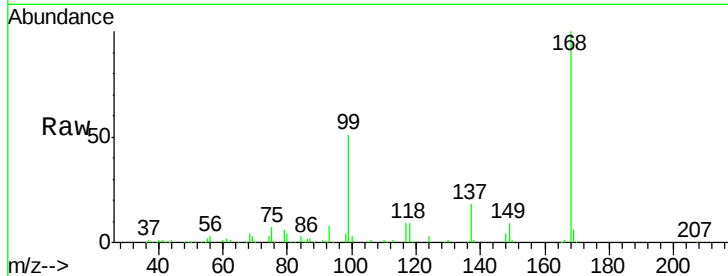




#31
Cyclohexane
Concen: 1.733 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066073.D
Acq: 28 Jul 2020 11:47

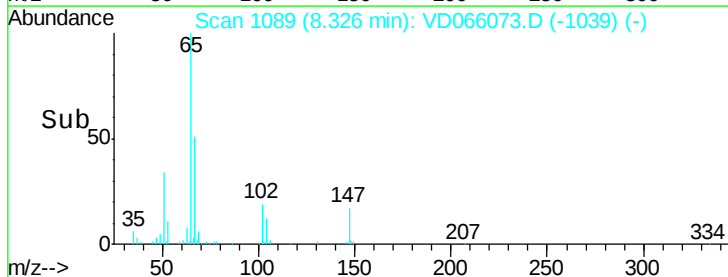
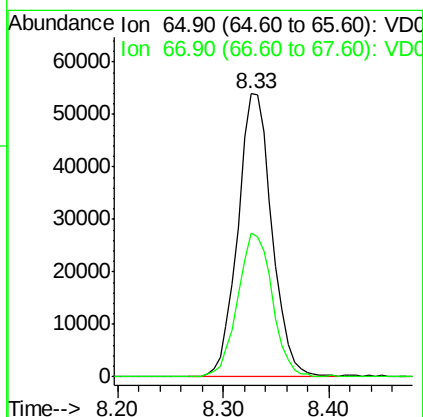
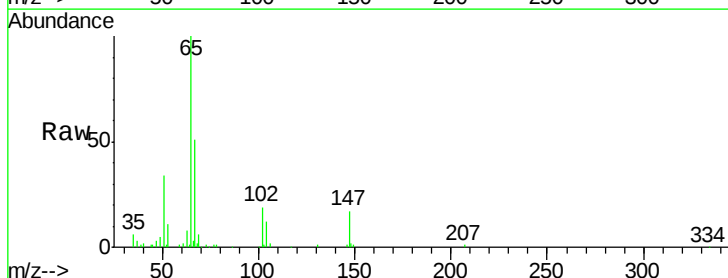
Instrument :
MSVOA_D
ClientSampleId :

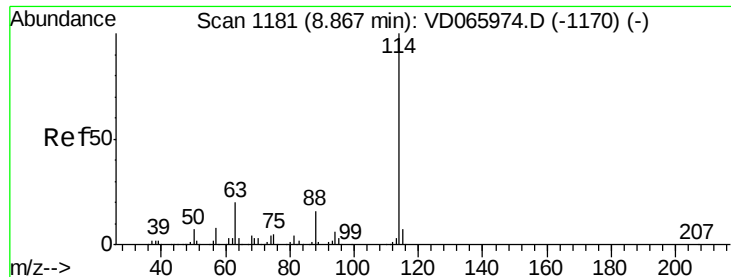
Tot Ion: 56 Resp: 7362
Ion Ratio Lower Upper
56 100
69 117.7 28.0 42.0#
84 113.3 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 51.173 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066073.D
Acq: 28 Jul 2020 11:47

Tgt Ion: 65 Resp: 120835
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0

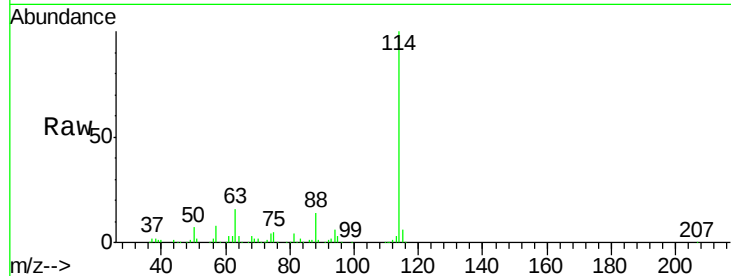




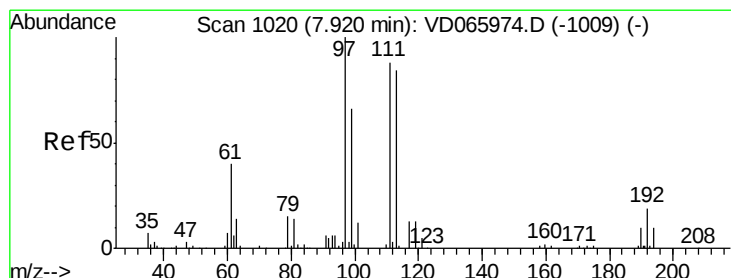
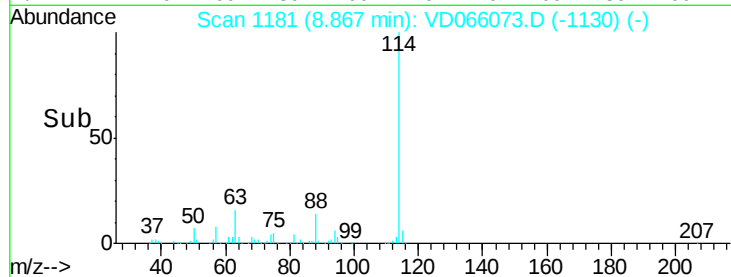
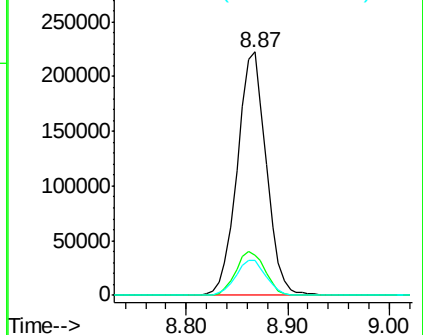
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066073.D
 Acq: 28 Jul 2020 11:47

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	39.6
88	14.2	0.0	31.2

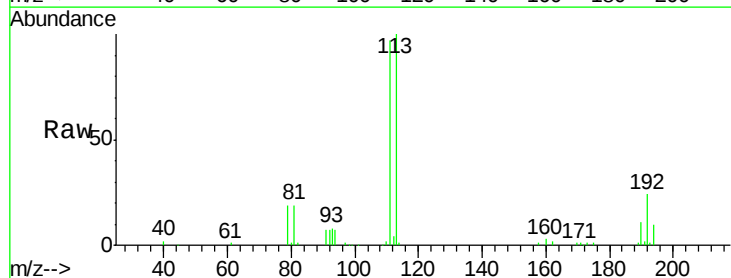


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

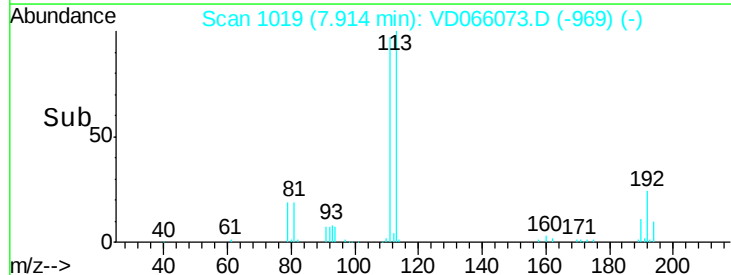
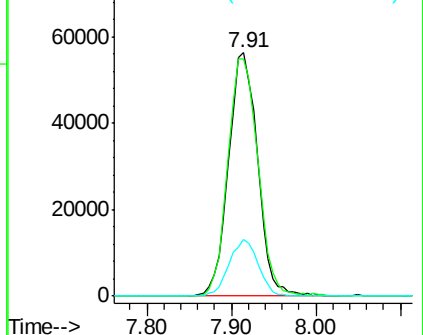


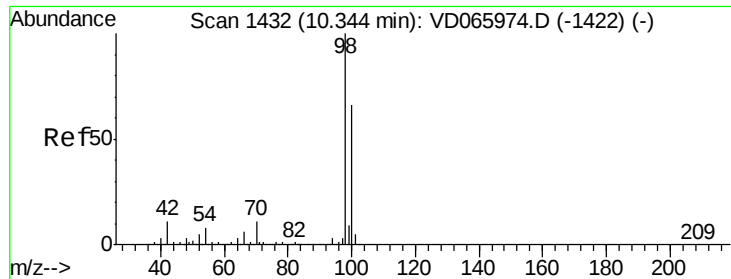
#35
 Dibromofluoromethane
 Concen: 49.852 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066073.D
 Acq: 28 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.2	124.8
192	23.4	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: 52.148 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD066073.D

Acq: 28 Jul 2020 11:47

Instrument :

MSVOA_D

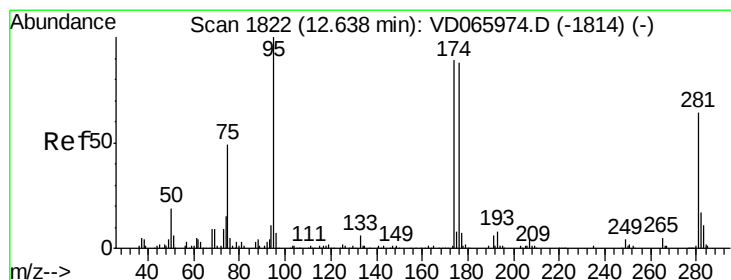
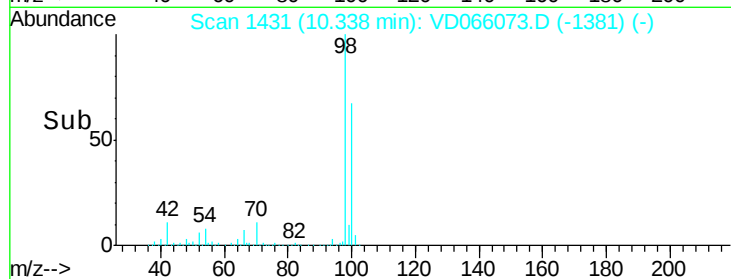
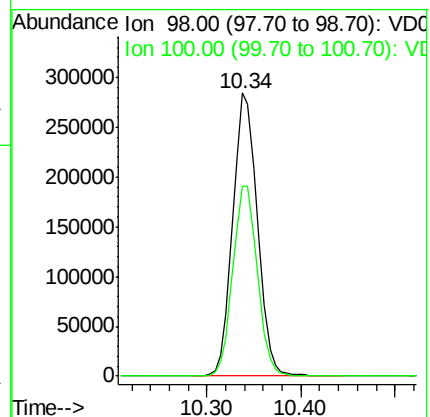
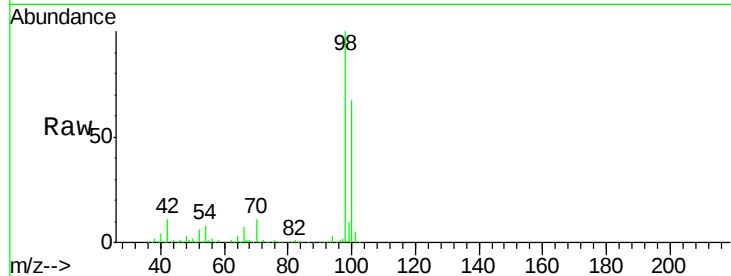
ClientSampleId :

Tot Ion: 98 Resp: 519891

Ion Ratio Lower Upper

98 100

100 66.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 64.361 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066073.D

Acq: 28 Jul 2020 11:47

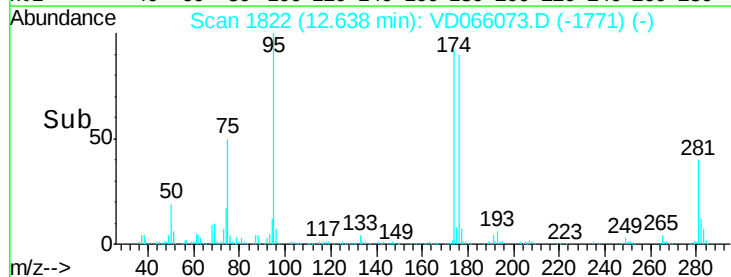
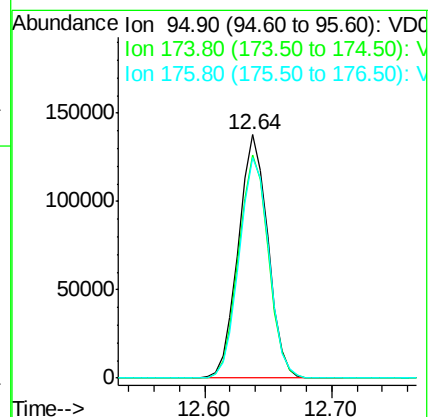
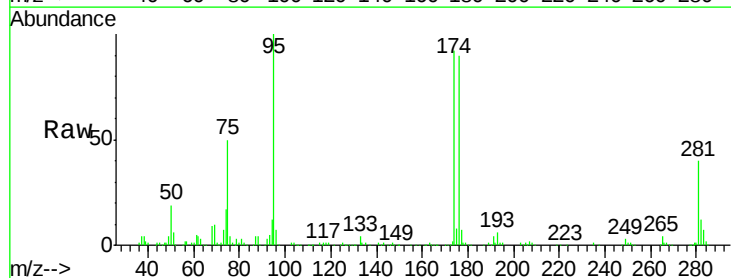
Tgt Ion: 95 Resp: 222487

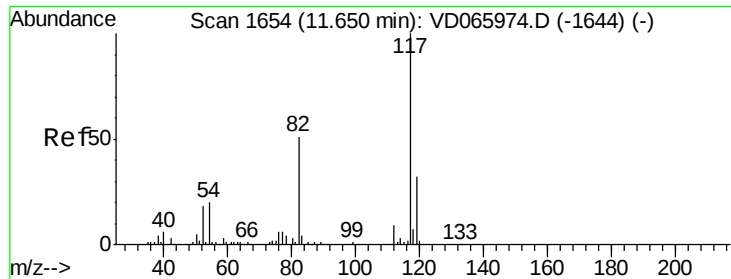
Ion Ratio Lower Upper

95 100

174 91.7 0.0 178.8

176 90.8 0.0 172.6

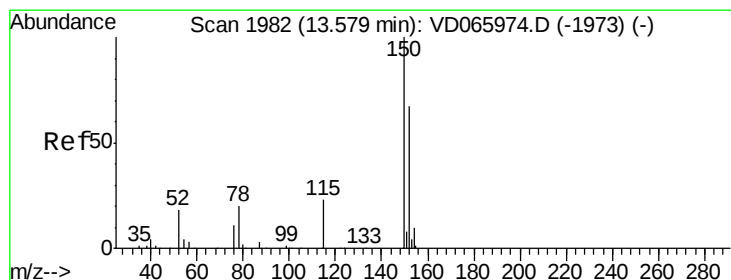
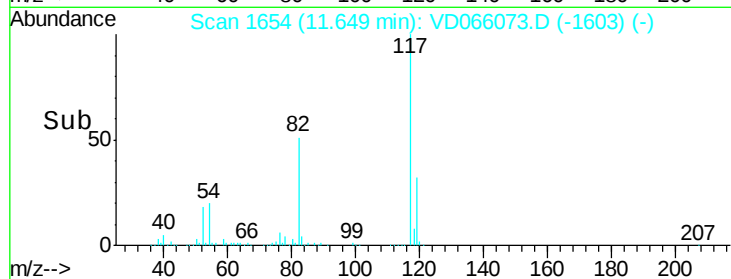
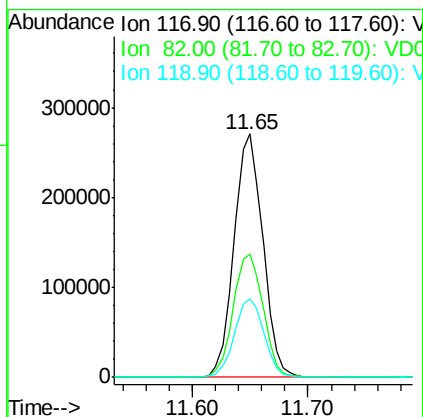
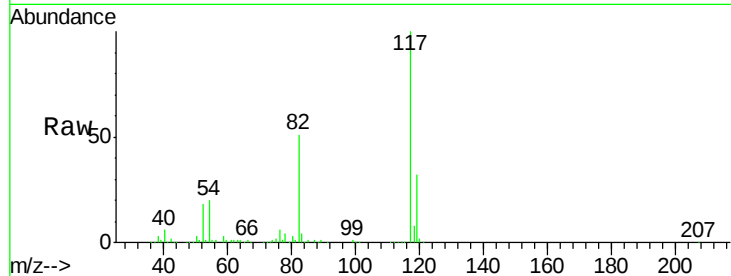




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066073.D
Acq: 28 Jul 2020 11:47

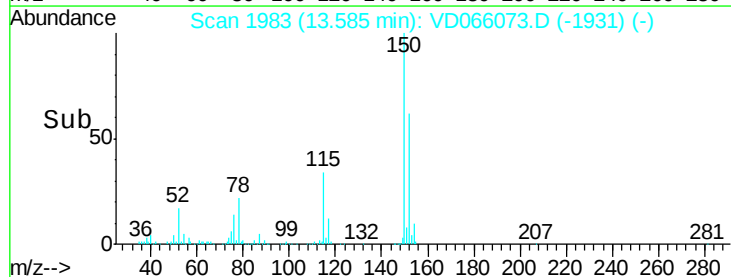
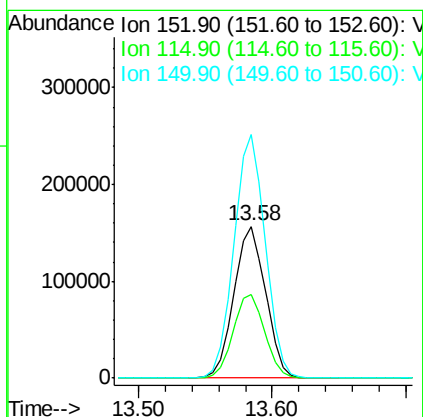
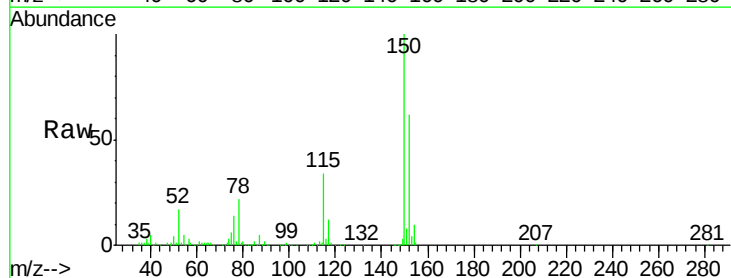
Instrument :
MSVOA_D
ClientSampleId :

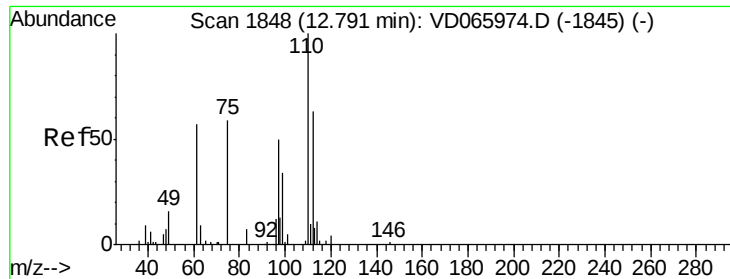
Tot Ion:117 Resp: 468079
Ion Ratio Lower Upper
117 100
82 50.6 41.1 61.7
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066073.D
Acq: 28 Jul 2020 11:47

Tgt Ion:152 Resp: 257522
Ion Ratio Lower Upper
152 100
115 55.1 27.9 83.7
150 158.6 0.0 348.2

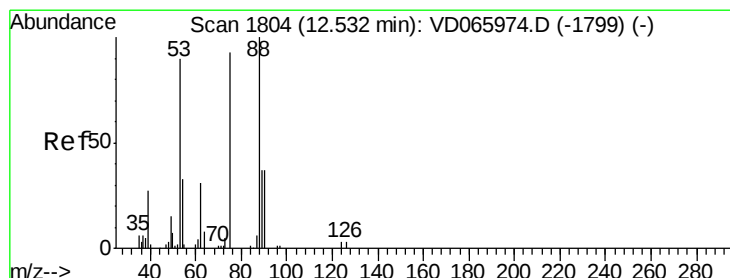
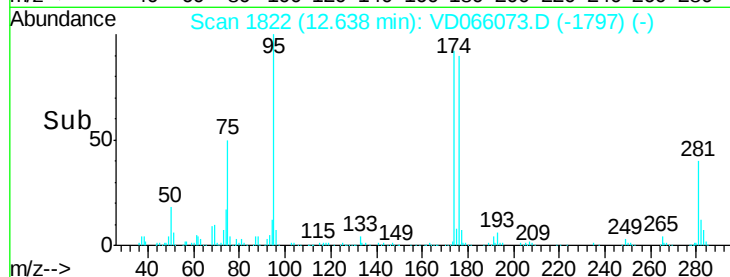
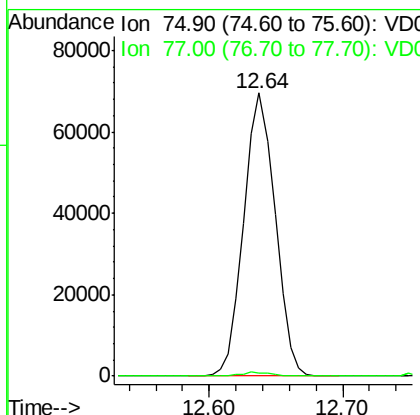
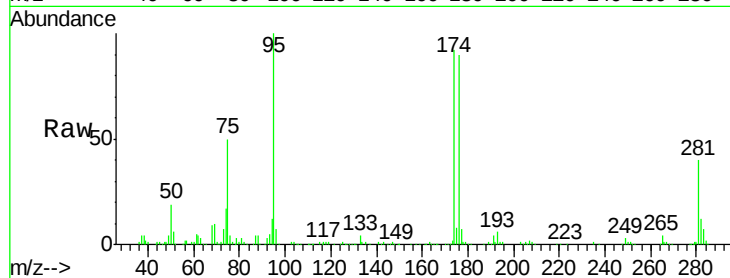




#76
 1,2,3-Trichloropropane
 Concen: 58.328 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD066073.D
 Acq: 28 Jul 2020 11:47

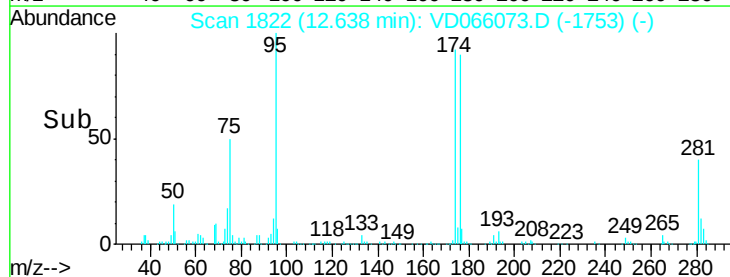
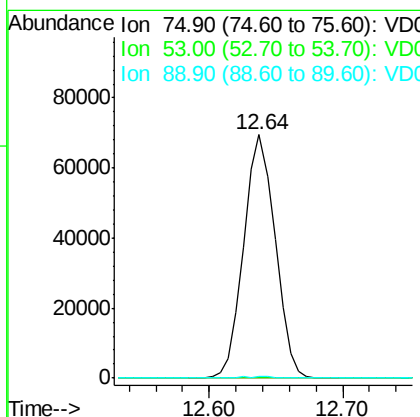
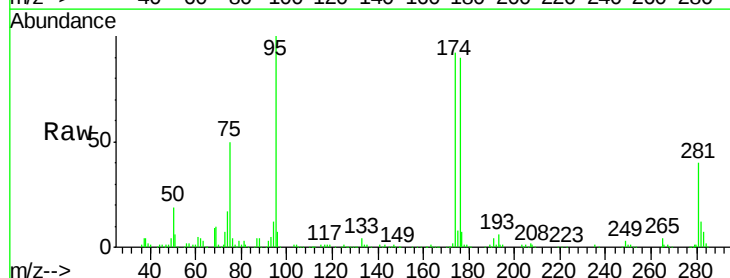
Instrument :
 MSVOA_D
 ClientSampleId :

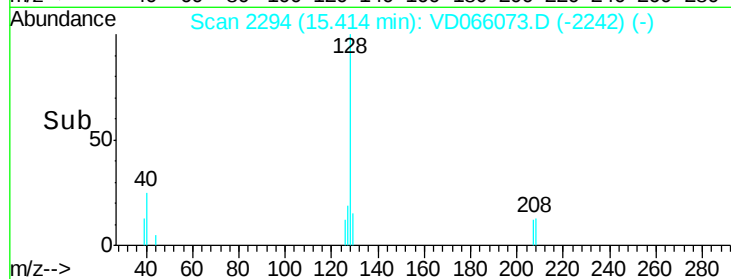
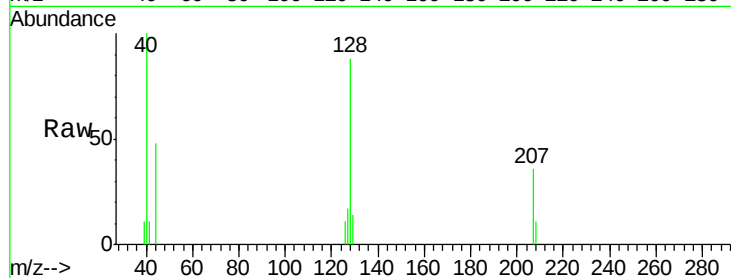
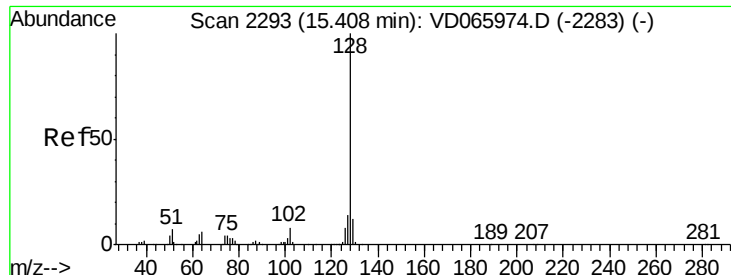
Tot Ion: 75 Resp: 113098
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.842 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD066073.D
 Acq: 28 Jul 2020 11:47

Tgt Ion: 75 Resp: 113098
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.8 115.2#
 89 0.7 37.0 55.4#





#95

Naphthalene

Concen: 3.884 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD066073.D

Acq: 28 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:128 Resp: 2968

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 8.9 8.9 13.3#

