

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066295.D
 Acq On : 19 Aug 2020 01:19
 Operator : VA/SY
 Sample : VD0818SBL02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBL02

Quant Time: Aug 19 06:45:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

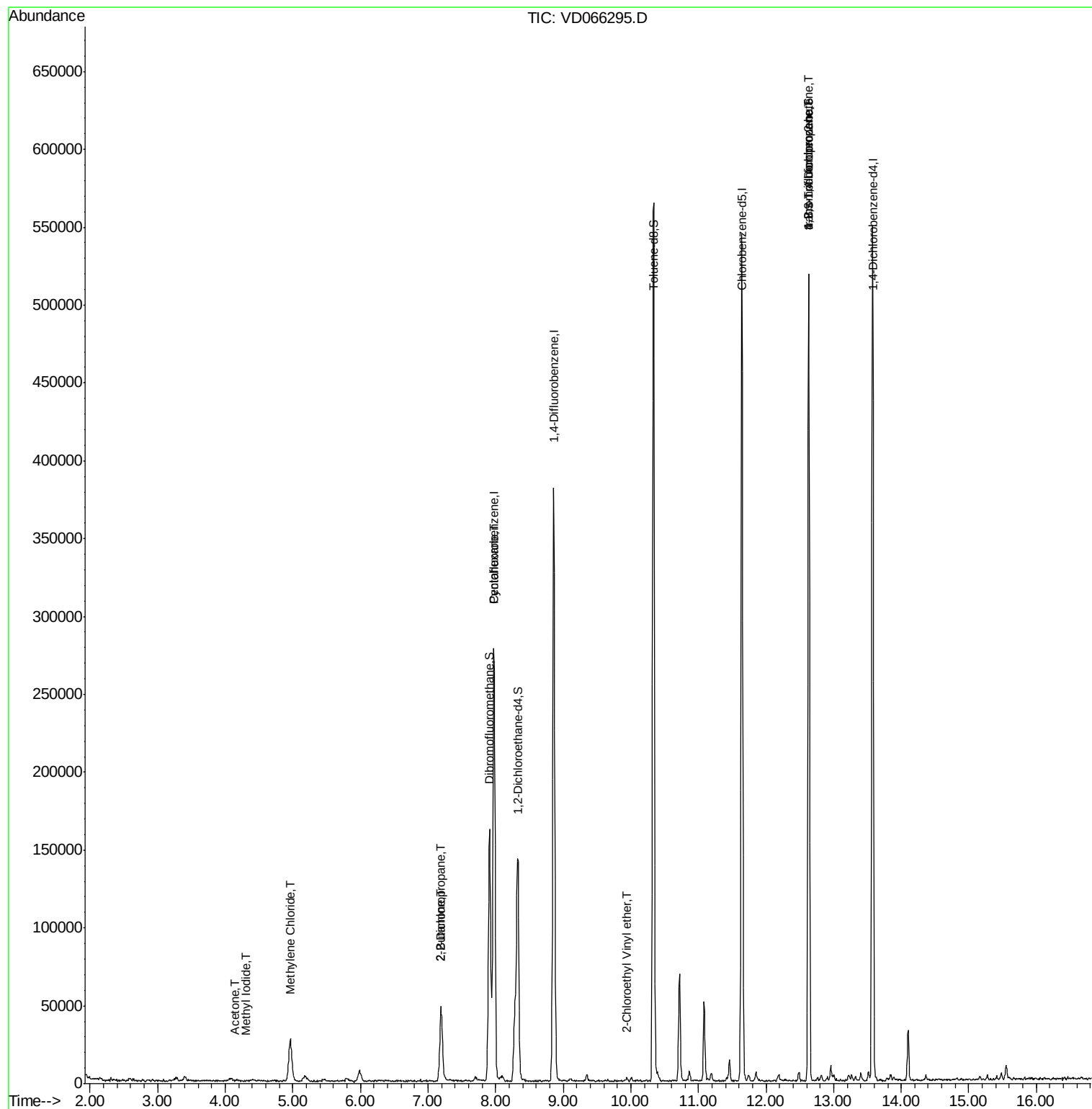
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	217092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	335253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	315447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	152650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117552	60.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.38%	
35) Dibromofluoromethane	7.91	113	114538	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
50) Toluene-d8	10.34	98	396505	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.63	95	138326	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	416	6.905	ug/l #	59
11) Tert butyl alcohol	5.18	59	2228	Below Cal	#	76
16) Acetone	4.14	43	474	1.290	ug/l #	44
20) Methylene Chloride	4.96	84	20043	5.330	ug/l	92
25) 2-Butanone	7.19	43	2525	4.672	ug/l #	47
26) 2,2-Dichloropropane	7.20	77	3656	1.144	ug/l #	60
31) Cyclohexane	7.97	56	5463	1.610	ug/l #	25
58) 2-Chloroethyl Vinyl ether	9.94	63	1086	1.185	ug/l #	55
76) 1,2,3-Trichloropropane	12.63	75	71277	55.992	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	71277	123.773	ug/l #	13

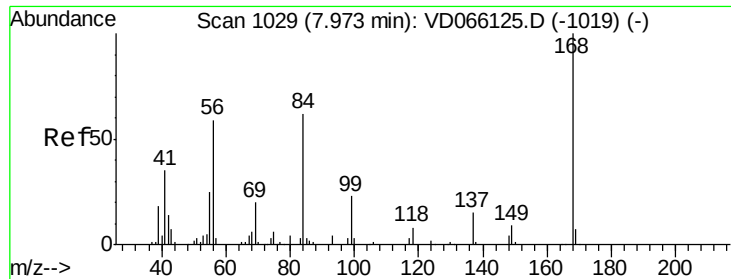
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081820\
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Quant Time: Aug 19 06:45:07 2020
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066295.D

Acq: 19 Aug 2020 01:19

Instrument :

MSVOA_D

ClientSampleId :

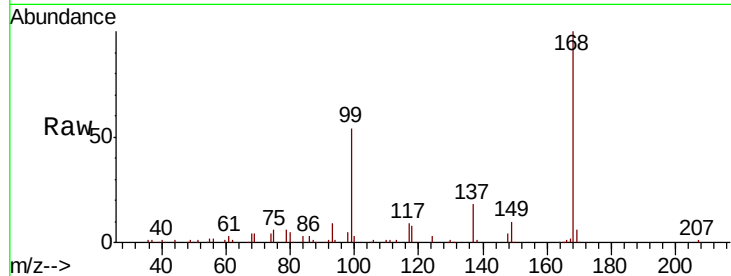
VD0818SBL02

Tot Ion:168 Resp: 217092

Ion Ratio Lower Upper

168 100

99 53.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.97

100000

80000

60000

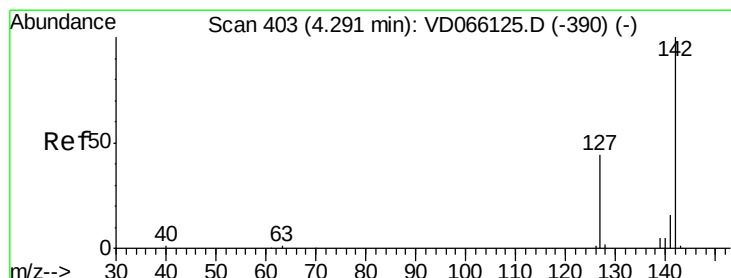
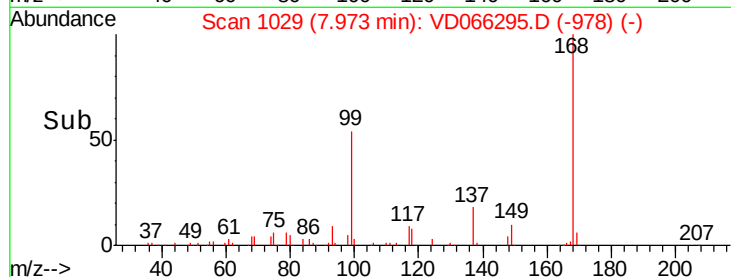
40000

20000

0

Time-->

7.90 8.00 8.10



#10

Methyl Iodide

Concen: 6.905 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066295.D

Acq: 19 Aug 2020 01:19

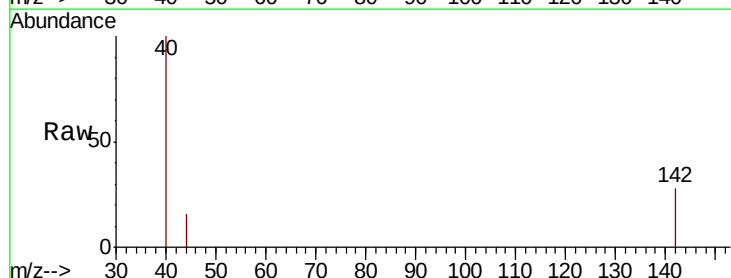
Tgt Ion:142 Resp: 416

Ion Ratio Lower Upper

142 100

127 17.8 36.2 54.4#

141 0.0 12.6 18.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

500

400

300

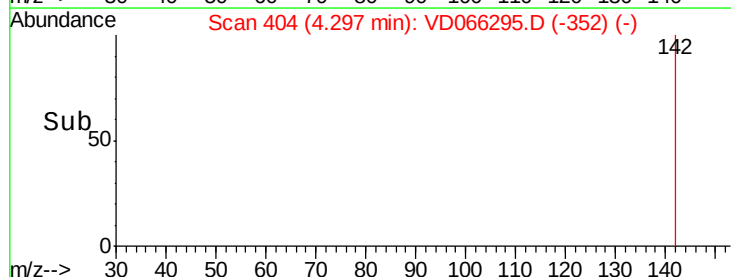
200

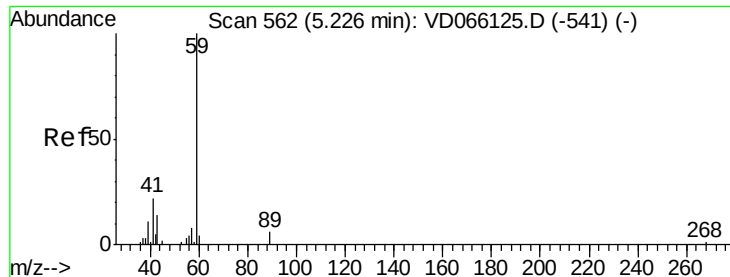
100

0

Time-->

4.26 4.28 4.30 4.32



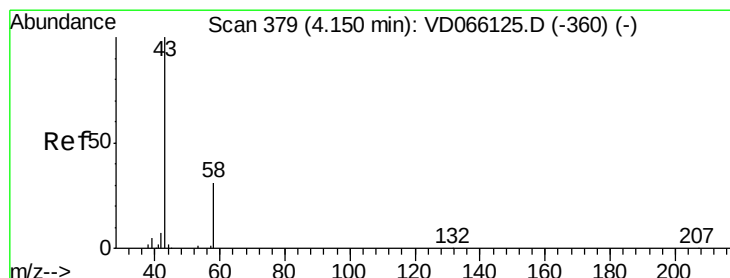
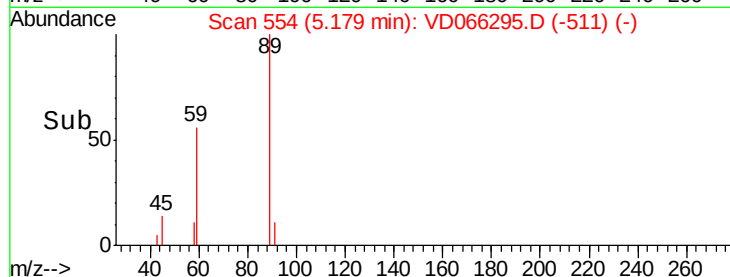
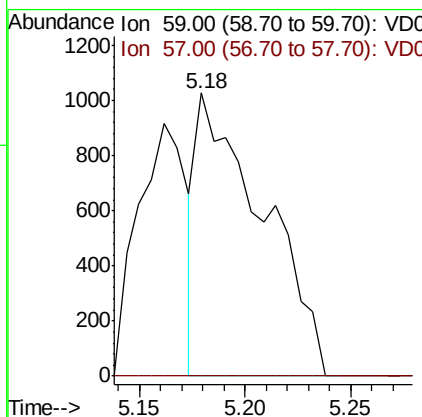
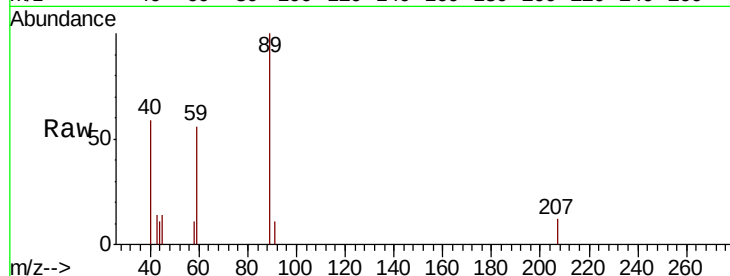


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.18 min Scan# 554
 Delta R.T. -0.05 min
 Lab File: VD066295.D
 Acq: 19 Aug 2020 01:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBL02

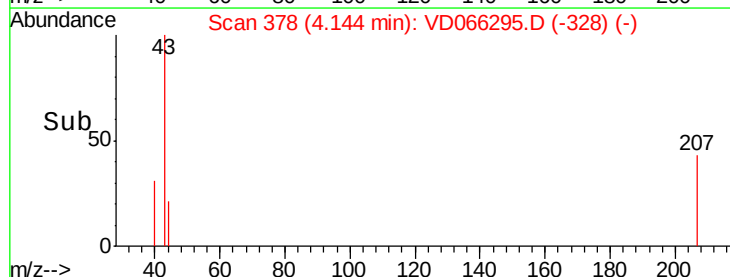
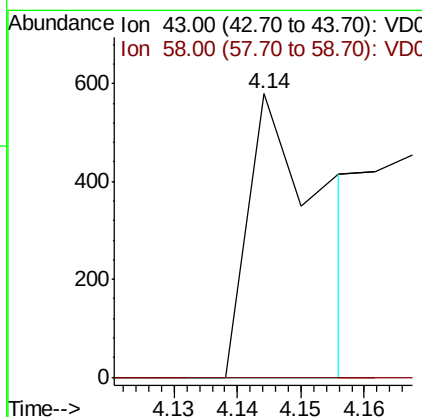
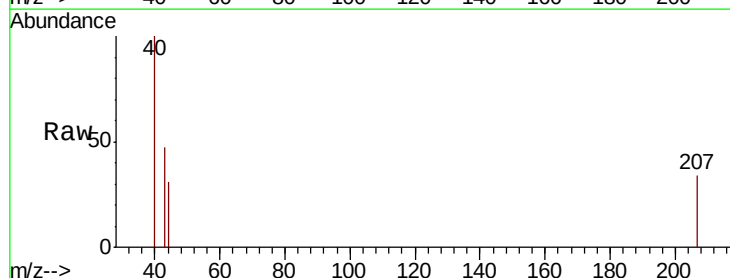
Tot Ion: 59 Resp: 2228
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.4#

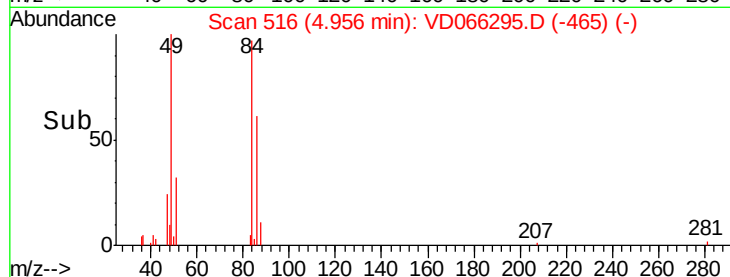
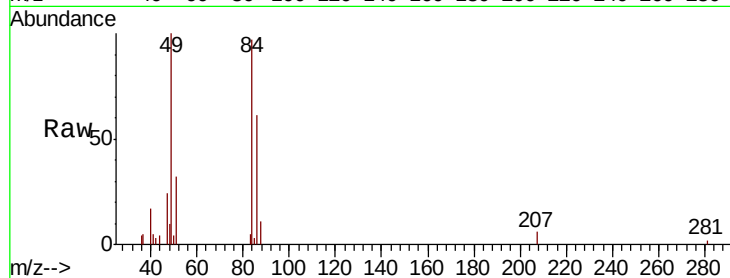
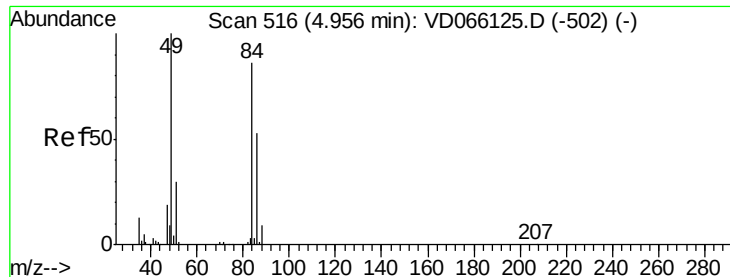


#16

Acetone
 Concen: 1.290 ug/l
 RT: 4.14 min Scan# 378
 Delta R.T. -0.01 min
 Lab File: VD066295.D
 Acq: 19 Aug 2020 01:19

Tgt Ion: 43 Resp: 474
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.7 37.1#

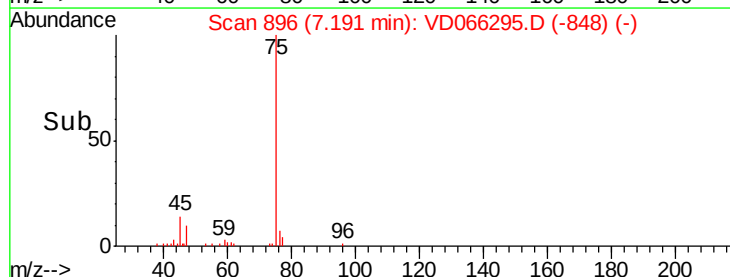
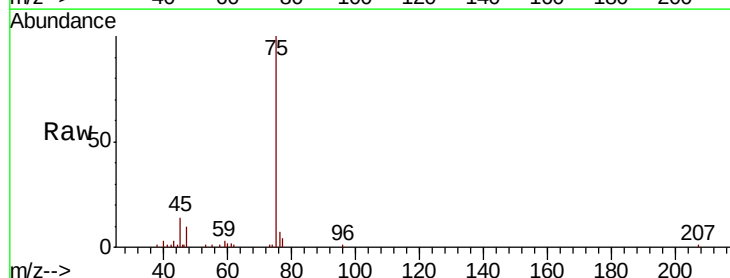
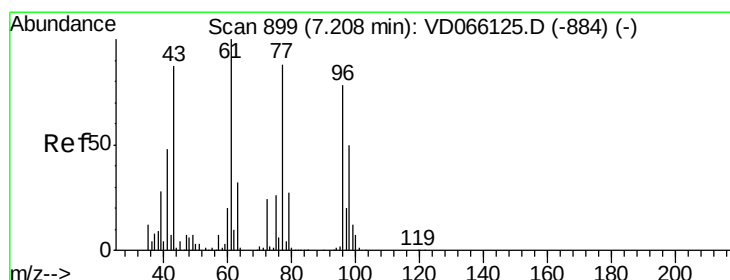
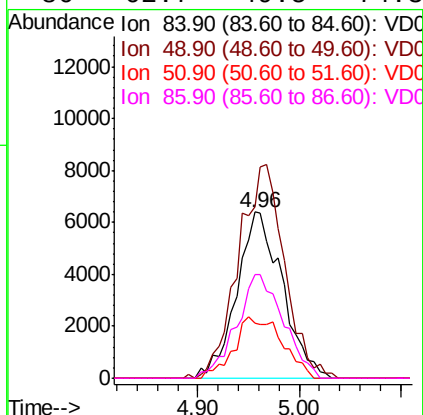




#20
Methylene Chloride
Concen: 5.330 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066295.D
Acq: 19 Aug 2020 01:19

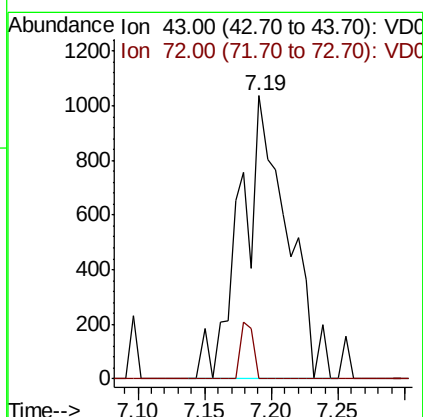
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL02

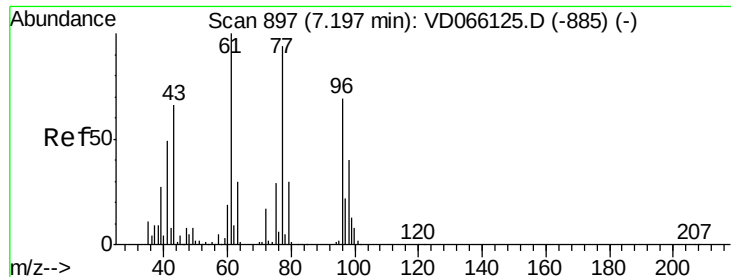
Tot Ion:	84	Resp:	20043
Ion	Ratio	Lower	Upper
84	100		
49	103.5	93.5	140.3
51	33.3	28.2	42.4
86	62.7	49.5	74.3



#25
2-Butanone
Concen: 4.672 ug/l
RT: 7.19 min Scan# 896
Delta R.T. -0.02 min
Lab File: VD066295.D
Acq: 19 Aug 2020 01:19

Tgt Ion:	43	Resp:	2525
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.2#

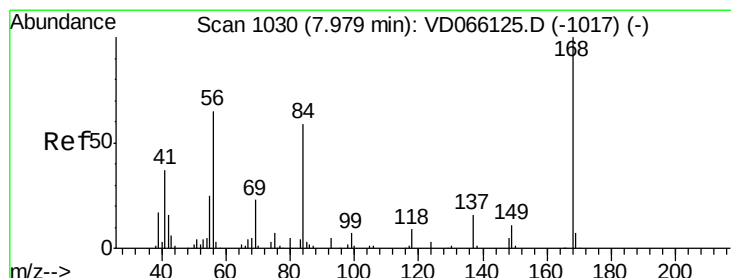
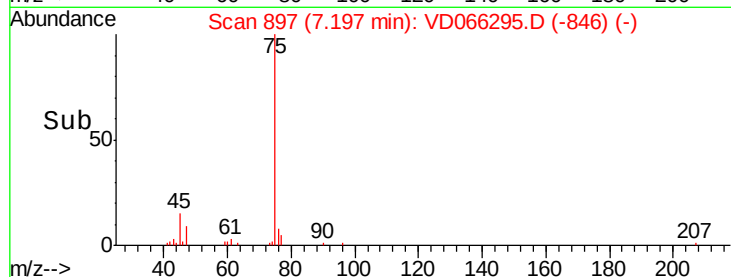
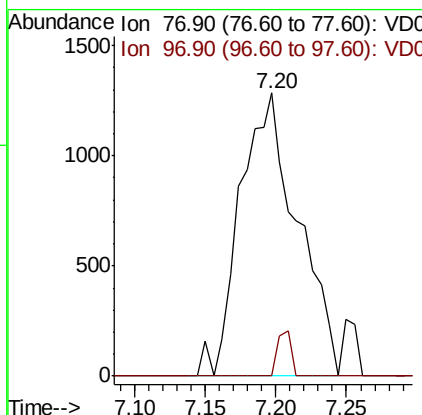
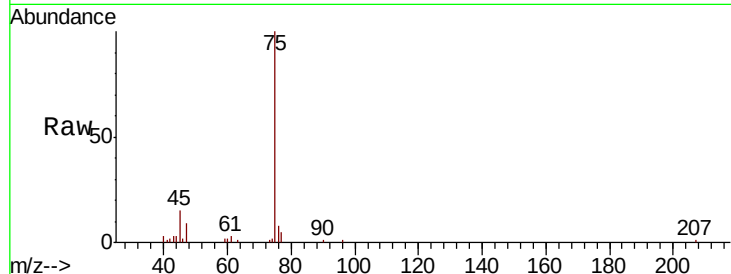




#26
 2,2-Dichloropropane
 Concen: 1.144 ug/l
 RT: 7.20 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: VD066295.D
 Acq: 19 Aug 2020 01:19

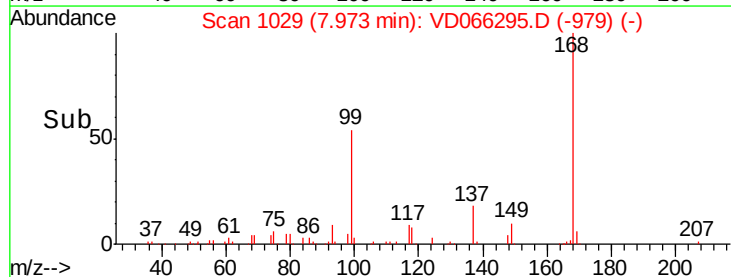
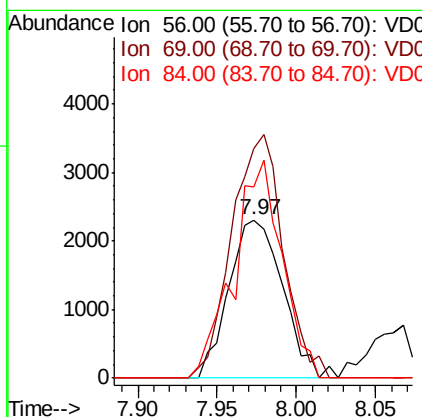
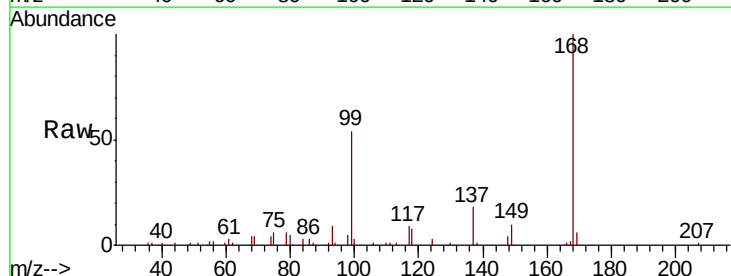
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBL02

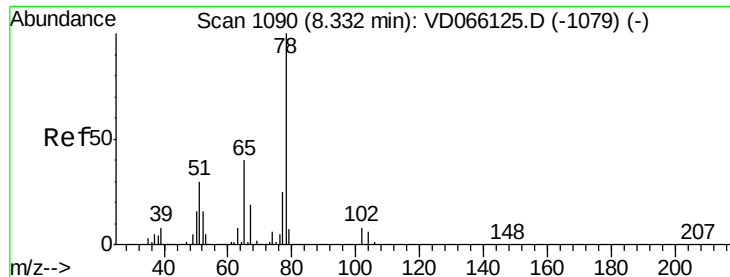
Tot Ion: 77 Resp: 3656
 Ion Ratio Lower Upper
 77 100
 97 3.7 11.8 35.3#



#31
 Cyclohexane
 Concen: 1.610 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VD066295.D
 Acq: 19 Aug 2020 01:19

Tgt Ion: 56 Resp: 5463
 Ion Ratio Lower Upper
 56 100
 69 145.2 28.8 43.2#
 84 121.2 73.0 109.6#

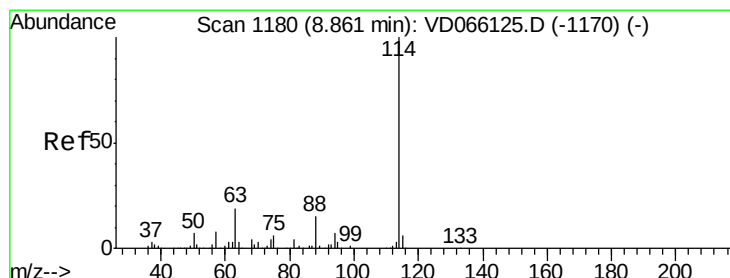
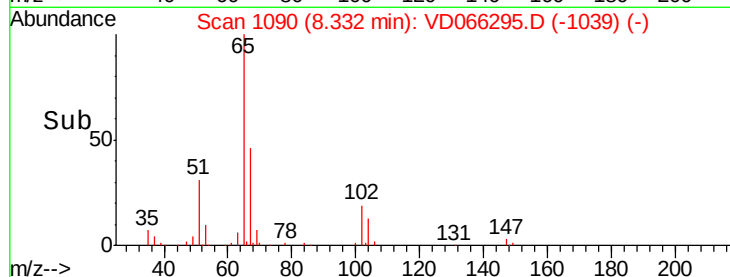
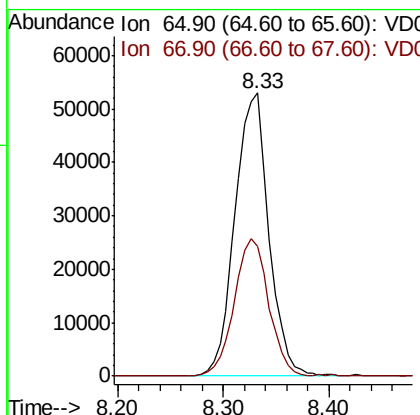
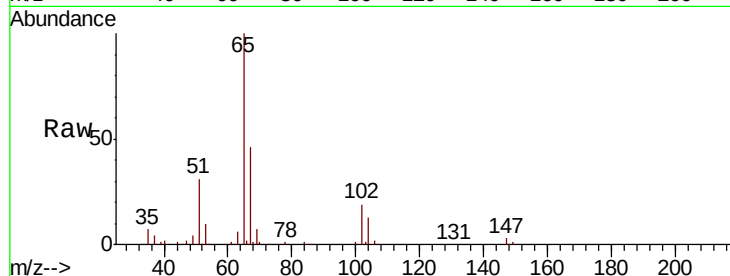




#33
 1,2-Dichloroethane-d4
 Concen: 60.694 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066295.D
 Acq: 19 Aug 2020 01:19

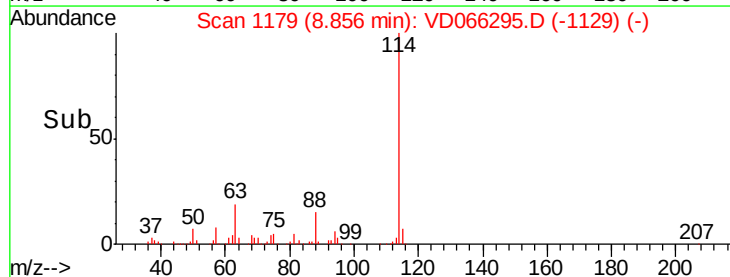
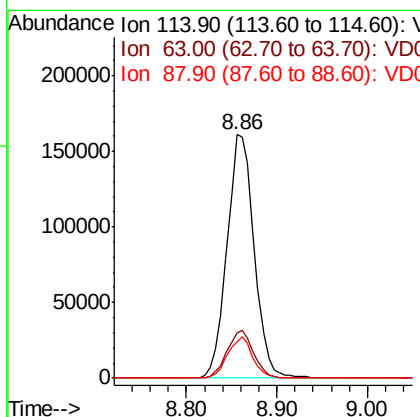
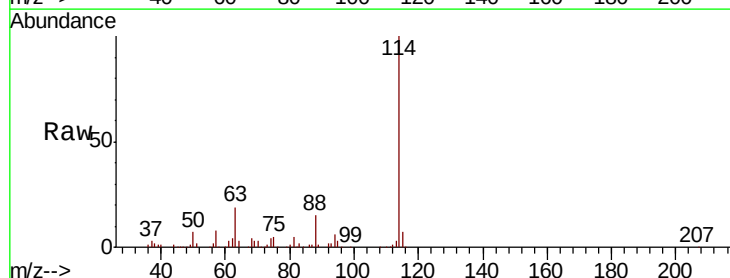
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBL02

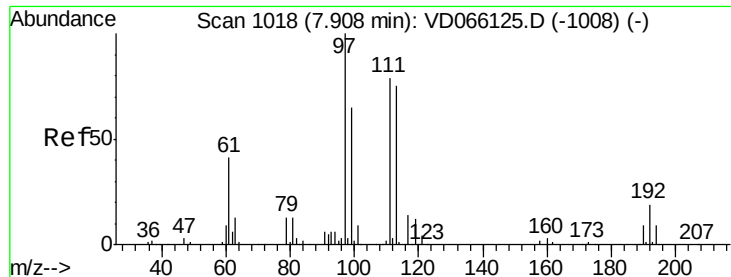
Tot Ion: 65 Resp: 117552
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066295.D
 Acq: 19 Aug 2020 01:19

Tgt Ion: 114 Resp: 335253
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.6
 88 15.0 0.0 30.0

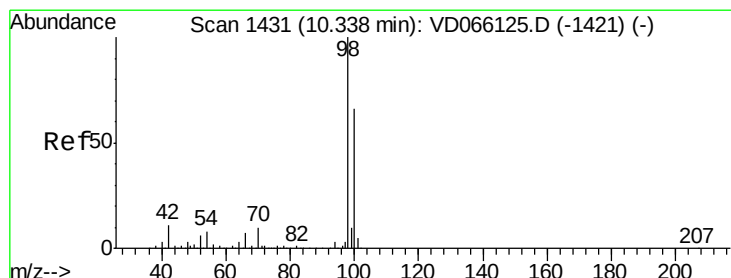
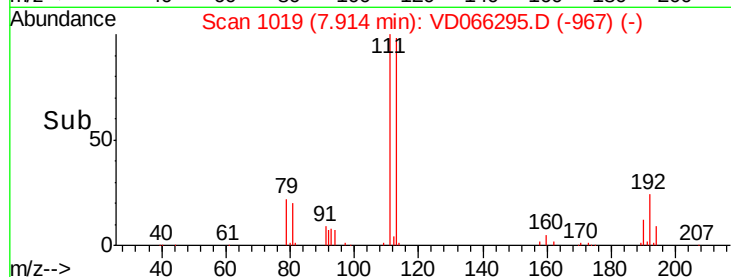
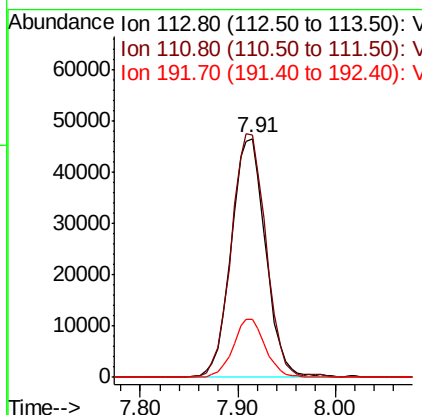
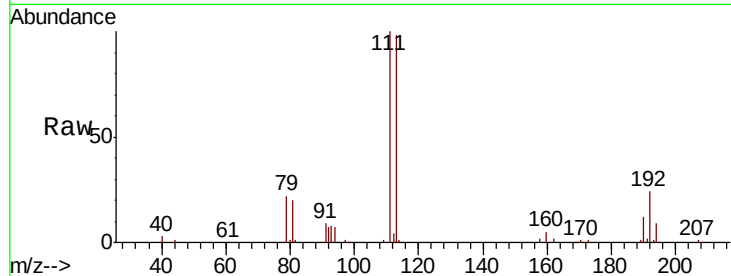




#35
 Dibromofluoromethane
 Concen: 53.931 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066295.D
 Acq: 19 Aug 2020 01:19

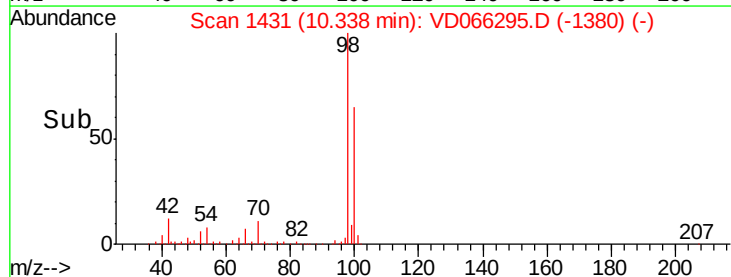
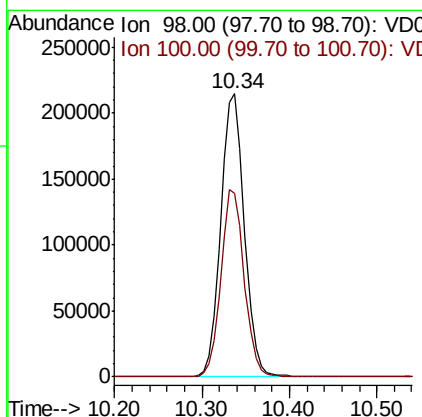
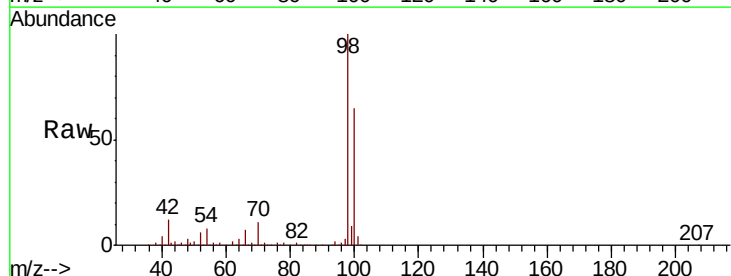
Instrument :
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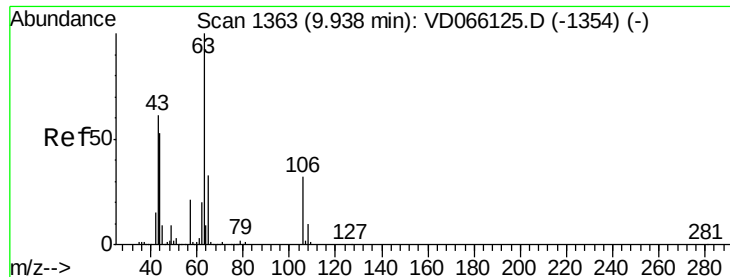
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.7	121.1
192	22.8	18.4	27.6



#50
 Toluene-d8
 Concen: 50.592 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066295.D
 Acq: 19 Aug 2020 01:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	78.8

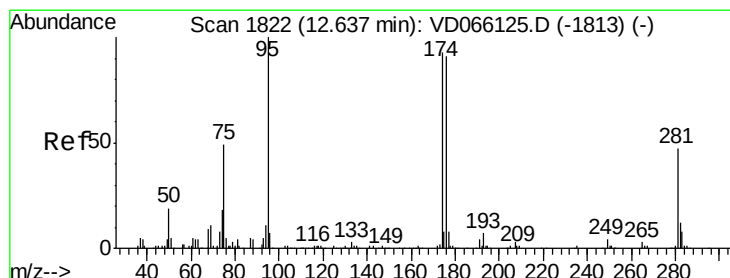
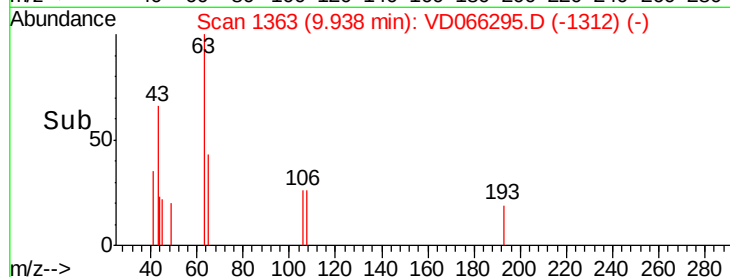
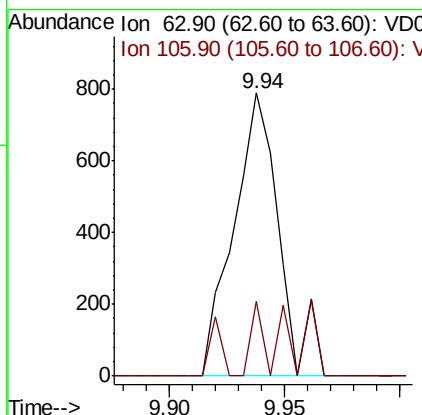
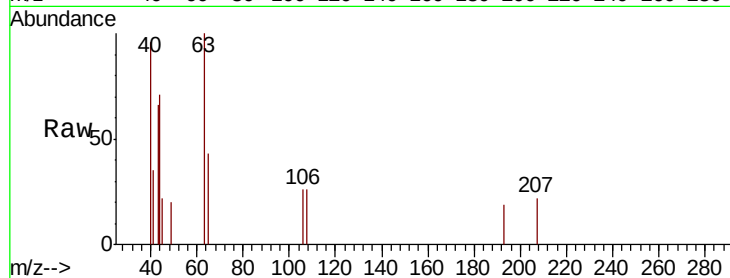




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.185 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066295.D
 Acq: 19 Aug 2020 01:19

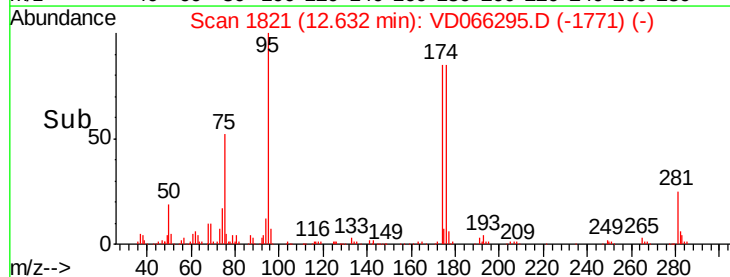
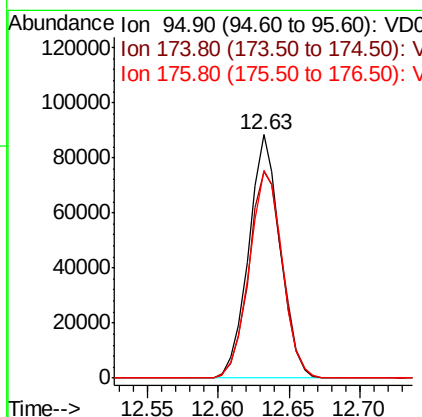
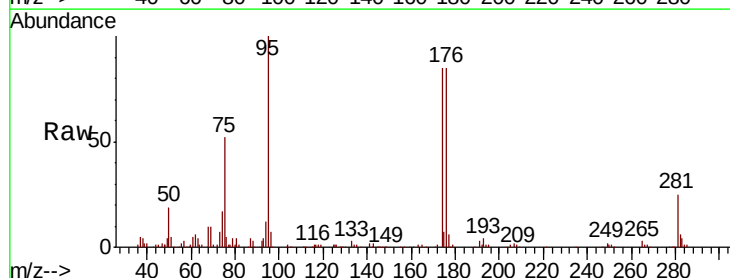
Instrument :
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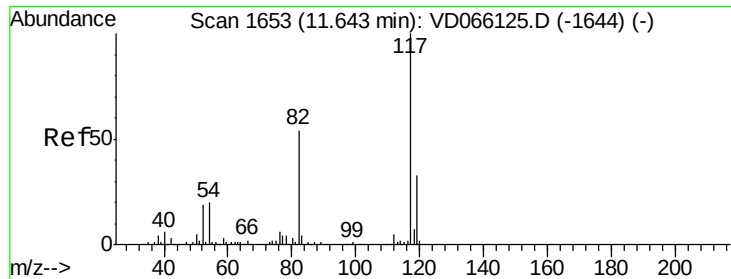
Tot Ion: 63 Resp: 1086
 Ion Ratio Lower Upper
 63 100
 106 6.7 25.3 37.9#



#62
 4-Bromofluorobenzene
 Concen: 48.964 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066295.D
 Acq: 19 Aug 2020 01:19

Tgt Ion: 95 Resp: 138326
 Ion Ratio Lower Upper
 95 100
 174 90.5 0.0 180.8
 176 89.7 0.0 181.2

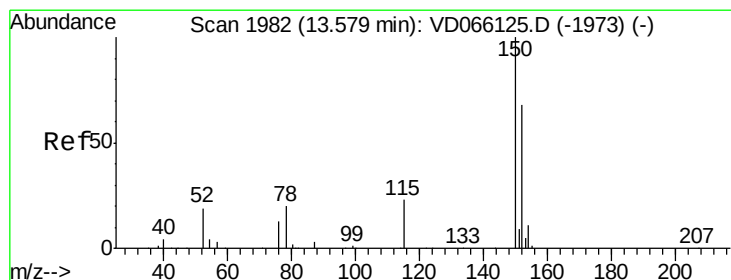
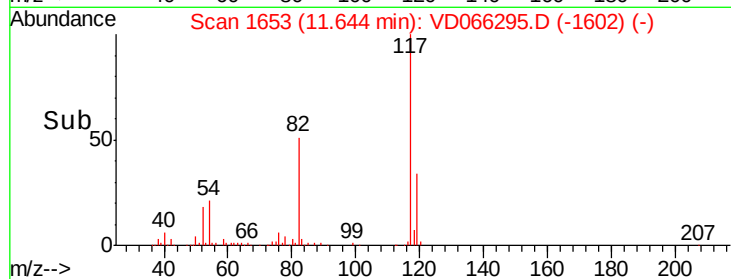
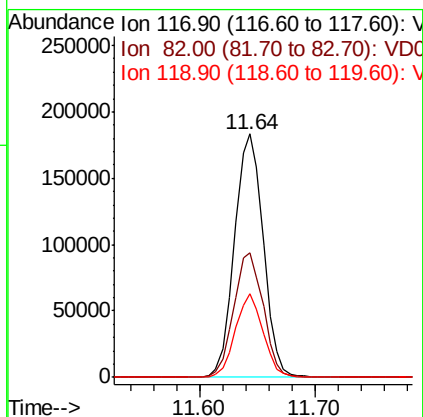
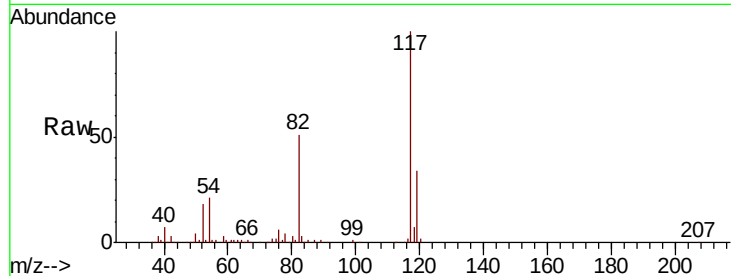




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066295.D
Acq: 19 Aug 2020 01:19

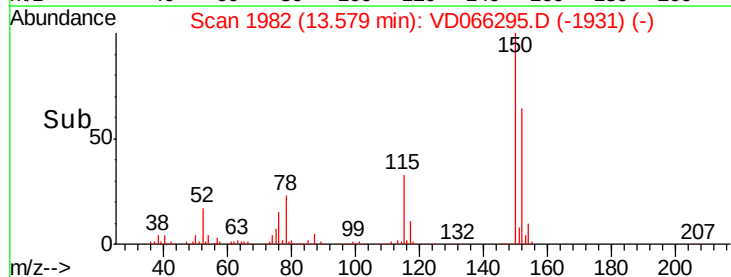
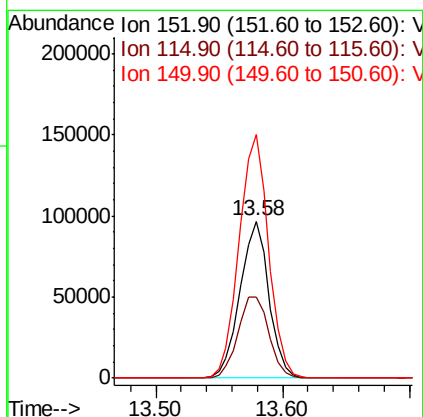
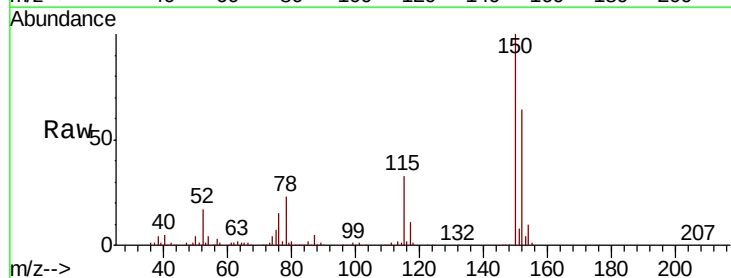
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL02

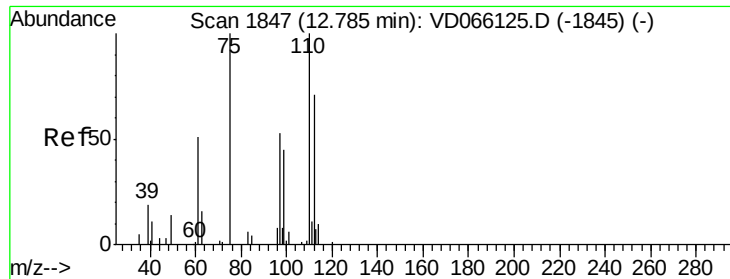
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	43.0	64.4
119	34.1	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066295.D
Acq: 19 Aug 2020 01:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.0	83.9
150	157.8	0.0	346.4

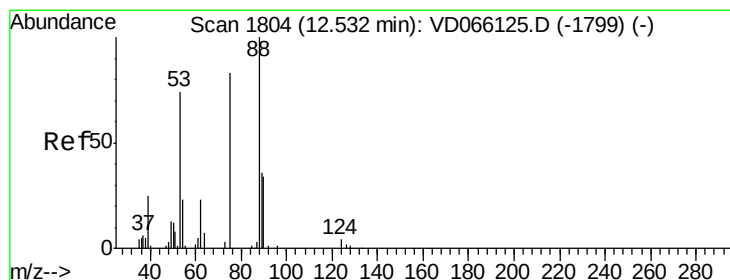
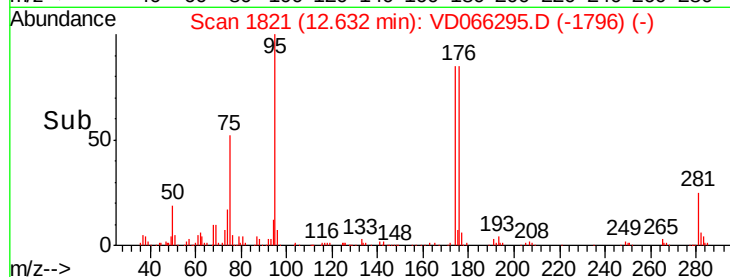
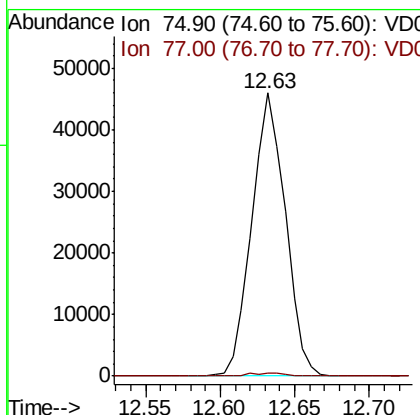
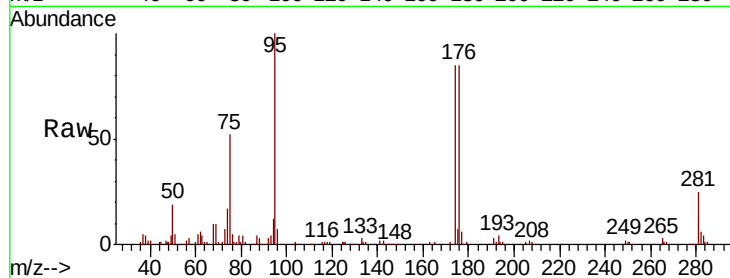




#76
 1,2,3-Trichloropropane
 Concen: 55.992 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066295.D
 Acq: 19 Aug 2020 01:19

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0818SBL02

Tot Ion: 75 Resp: 71277
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.773 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066295.D
 Acq: 19 Aug 2020 01:19

Tgt Ion: 75 Resp: 71277
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.4 110.2#
 89 0.3 36.6 55.0#

