

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066302.D
 Acq On : 19 Aug 2020 04:29
 Operator : VA/SY
 Sample : L3689-01
 Misc : 7.86G/5.00ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-4-8FT

Quant Time: Aug 19 06:47:02 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	189357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	308055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	267048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	108868	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	96216	56.95	ug/l	0.00
Spiked Amount			Recovery	=	113.90%	
35) Dibromofluoromethane	7.91	113	94133	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
50) Toluene-d8	10.34	98	309609	42.99	ug/l	0.00
Spiked Amount			Recovery	=	85.98%	
62) 4-Bromofluorobenzene	12.63	95	93031	35.84	ug/l	0.00
Spiked Amount			Recovery	=	71.68%	

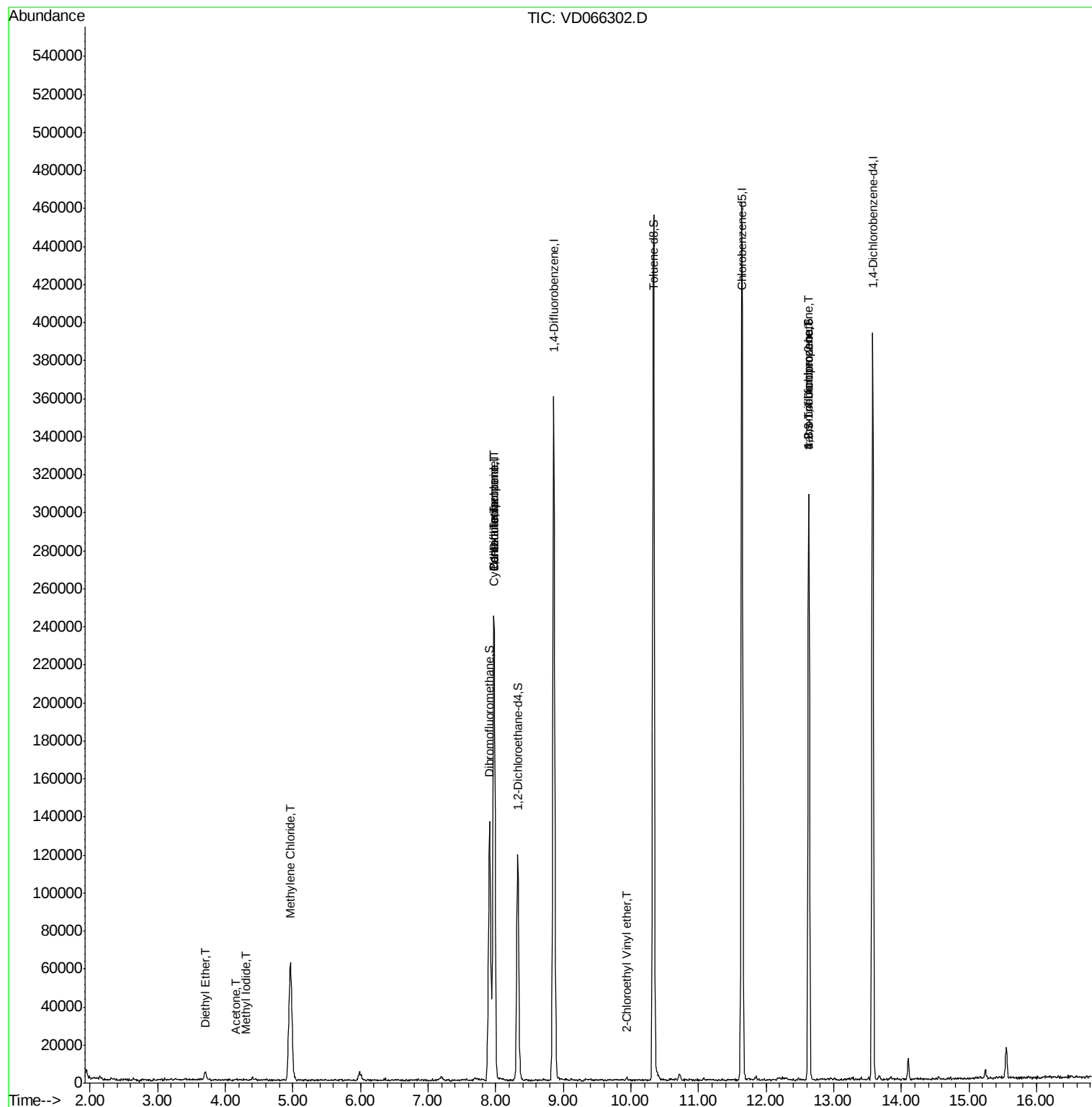
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.71	74	2289	2.708	ug/l	96
10) Methyl Iodide	4.31	142	56	6.741	ug/l #	39
16) Acetone	4.16	43	355	1.107	ug/l #	44
20) Methylene Chloride	4.96	84	50269	24.973	ug/l	93
31) Cyclohexane	7.98	56	4550	1.537	ug/l #	47
36) 1,1-Dichloropropene	7.97	75	13247	4.576	ug/l #	51
38) Carbon Tetrachloride	7.98	117	19339	5.991	ug/l #	13
58) 2-Chloroethyl Vinyl ether	9.94	63	860	1.022	ug/l #	58
76) 1,2,3-Trichloropropane	12.63	75	48130	53.013	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	48130	117.189	ug/l #	13

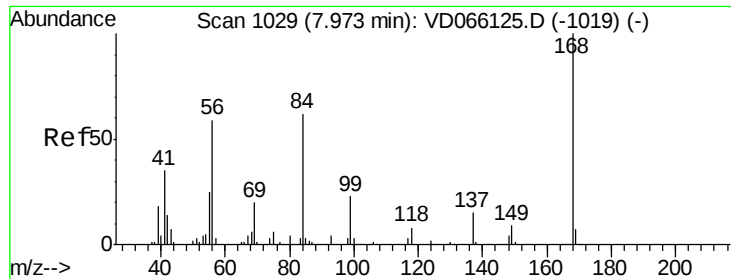
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066302.D

Acq: 19 Aug 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

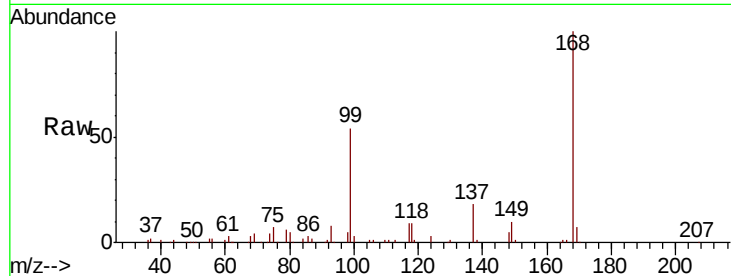
TP-1-4-8FT

Tot Ion:168 Resp: 189357

Ion Ratio Lower Upper

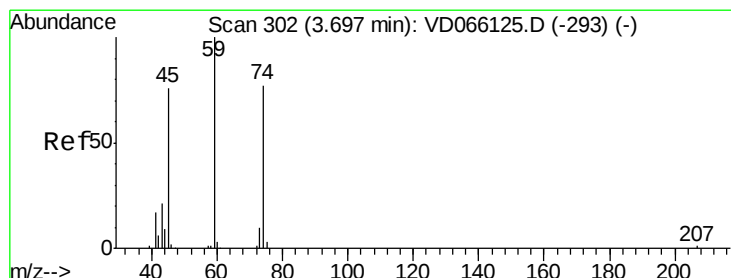
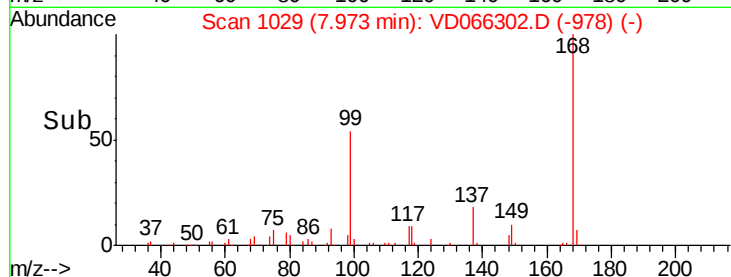
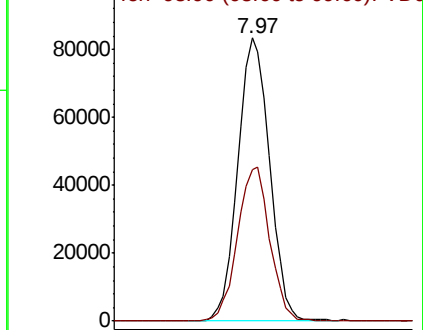
168 100

99 53.7 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 2.708 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.01 min

Lab File: VD066302.D

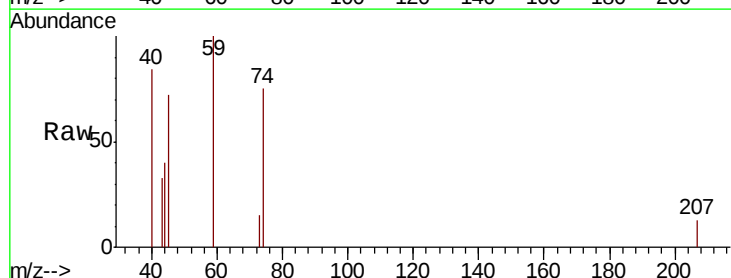
Acq: 19 Aug 2020 04:29

Tgt Ion: 74 Resp: 2289

Ion Ratio Lower Upper

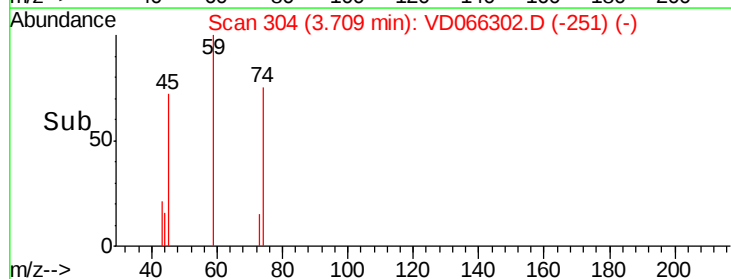
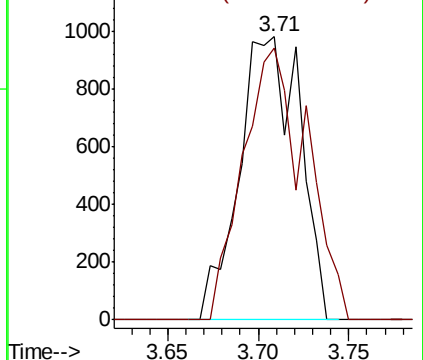
74 100

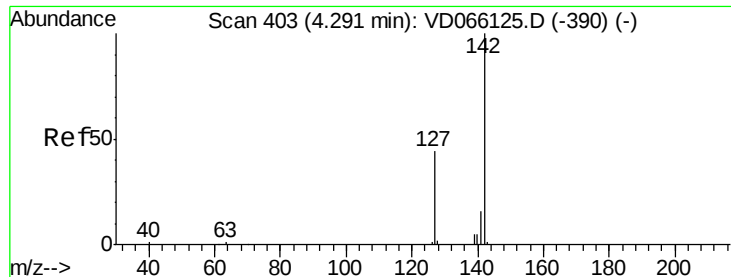
45 100.3 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

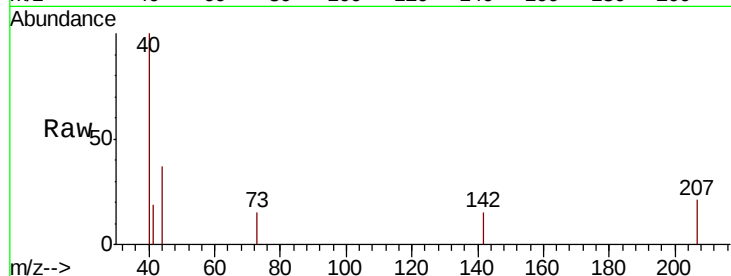




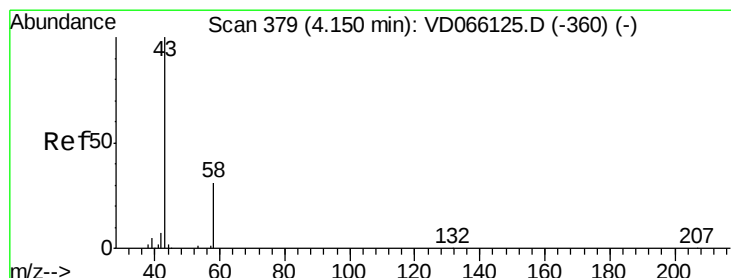
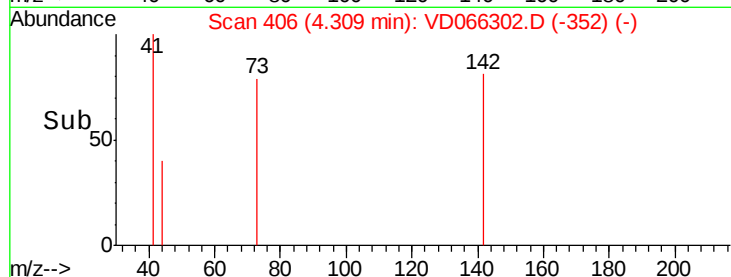
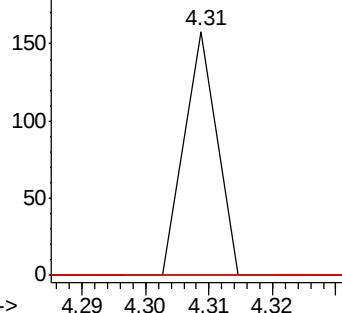
#10
Methyl Iodide
Concen: 6.741 ug/l
RT: 4.31 min Scan# 406
Delta R.T. 0.02 min
Lab File: VD066302.D
Acq: 19 Aug 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
TP-1-4-8FT

Tot Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.4#
141 0.0 12.6 18.8#

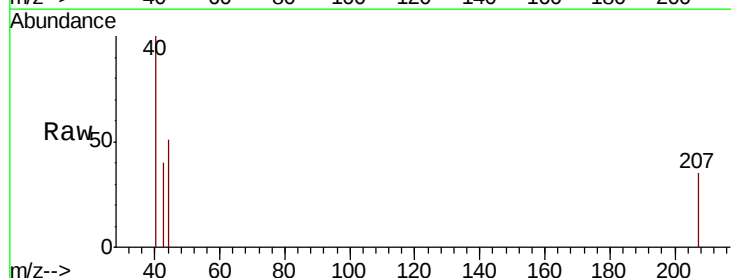


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

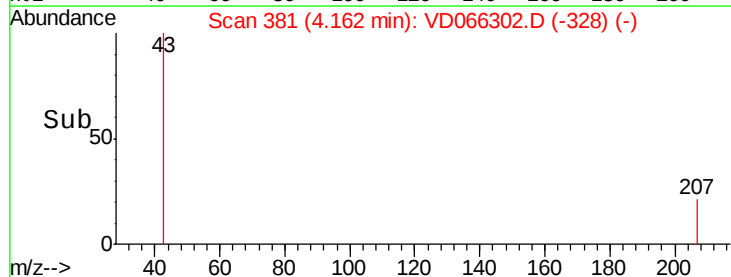
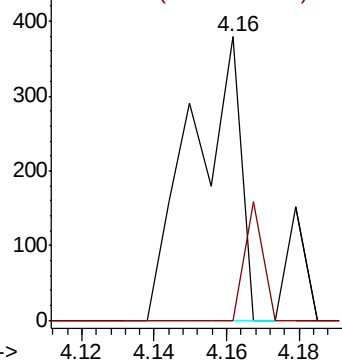


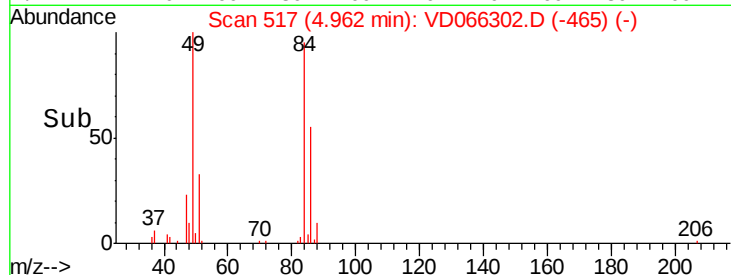
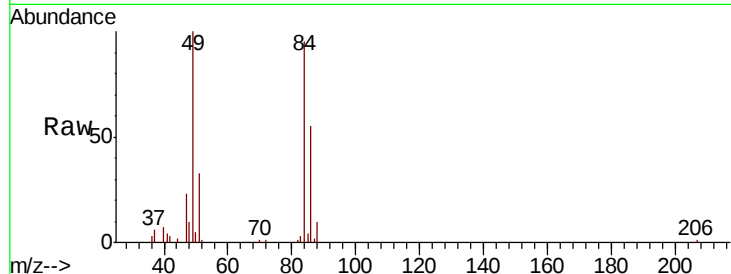
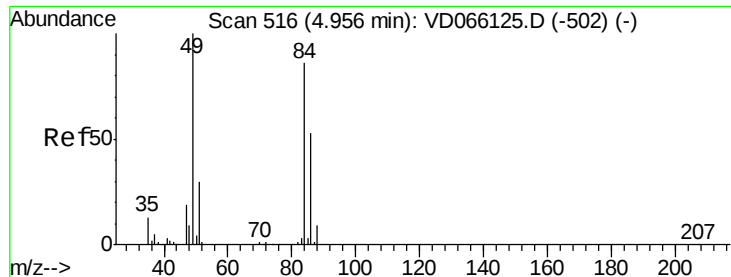
#16
Acetone
Concen: 1.107 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066302.D
Acq: 19 Aug 2020 04:29

Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

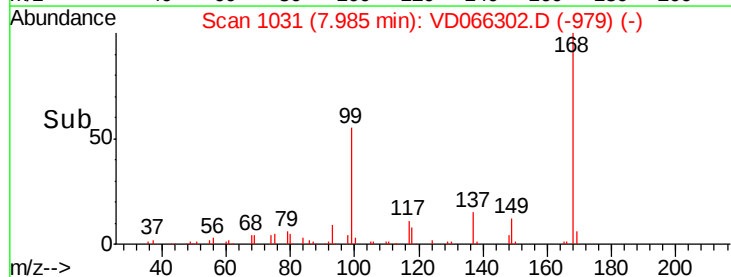
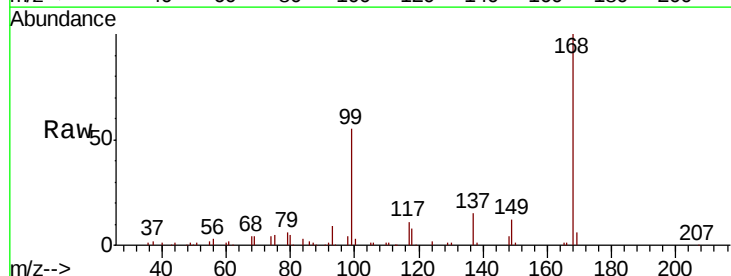
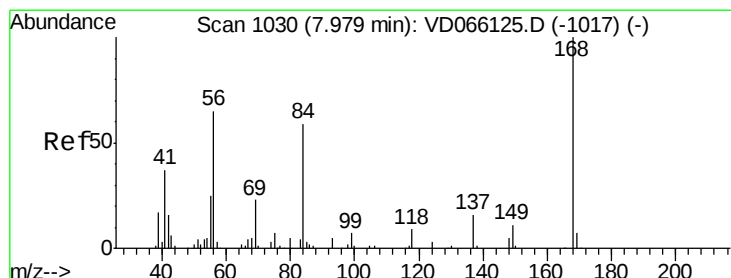
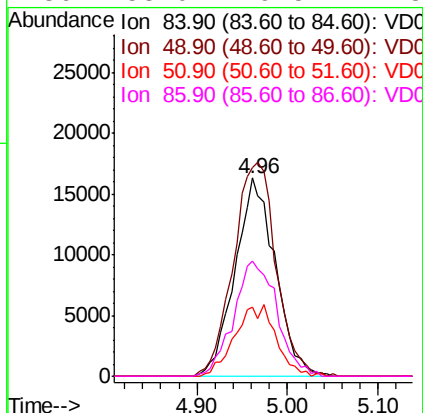




#20
Methvlene Chloride
Concen: 24.973 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066302.D
Acq: 19 Aug 2020 04:29

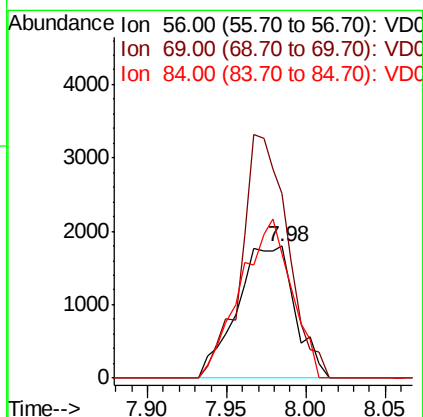
Instrument :
MSVOA_D
ClientSampleId :
TP-1-4-8FT

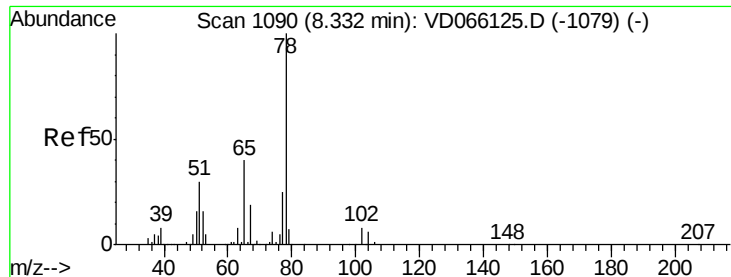
Tot Ion:	84	Resp:	50269
Ion	Ratio	Lower	Upper
84	100		
49	105.2	93.5	140.3
51	34.8	28.2	42.4
86	58.0	49.5	74.3



#31
Cyclohexane
Concen: 1.537 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066302.D
Acq: 19 Aug 2020 04:29

Tgt Ion:	56	Resp:	4550
Ion	Ratio	Lower	Upper
56	100		
69	140.0	28.8	43.2#
84	94.7	73.0	109.6

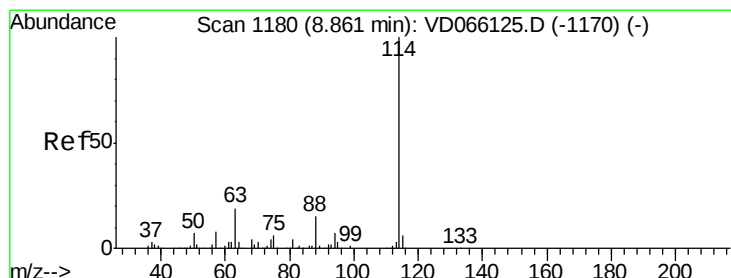
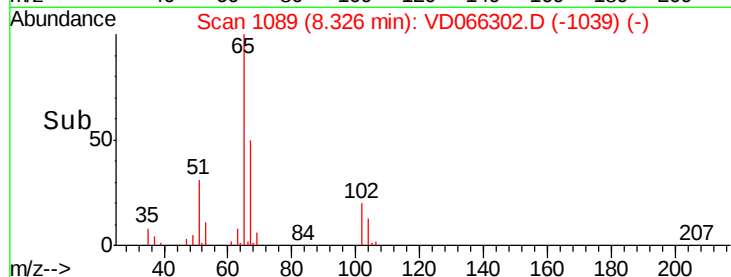
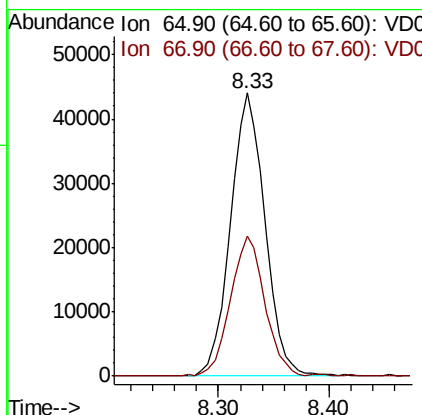
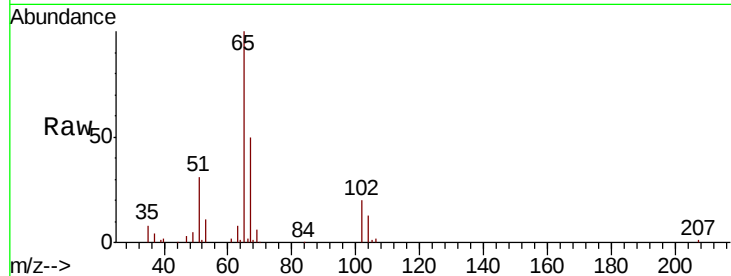




#33
 1,2-Dichloroethane-d4
 Concen: 56.954 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066302.D
 Acq: 19 Aug 2020 04:29

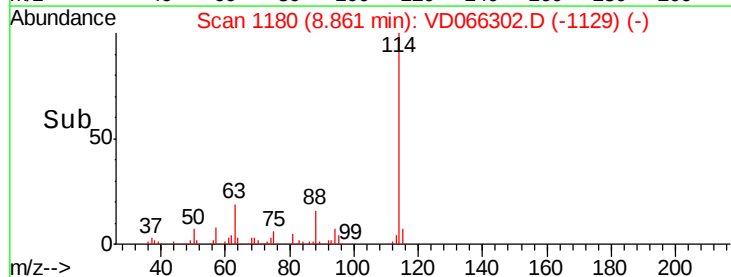
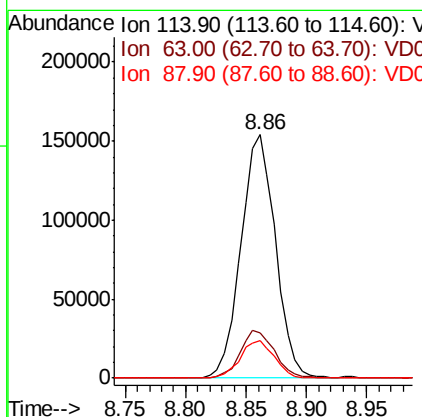
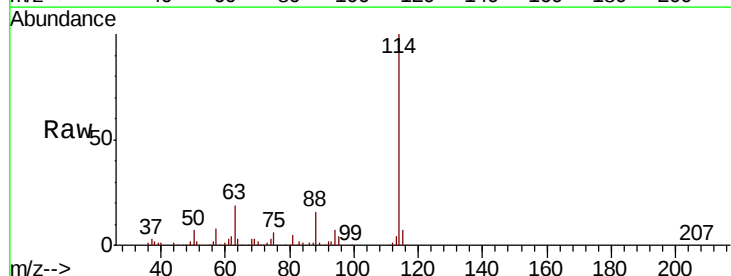
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-4-8FT

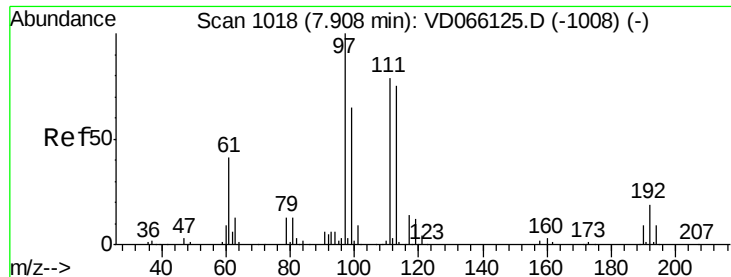
Tot Ion: 65 Resp: 96216
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066302.D
 Acq: 19 Aug 2020 04:29

Tgt Ion: 114 Resp: 308055
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.6
 88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.236 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066302.D

Acq: 19 Aug 2020 04:29

Instrument :

MSVOA_D

ClientSampled :

TP-1-4-8FT

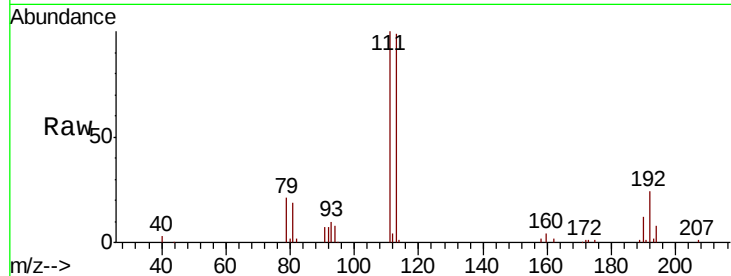
Tot Ion:113 Resp: 94133

Ion Ratio Lower Upper

113 100

111 104.7 80.7 121.1

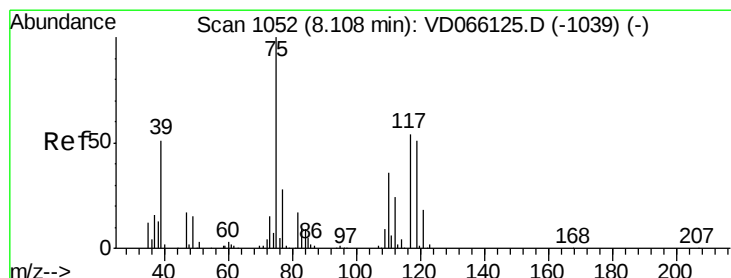
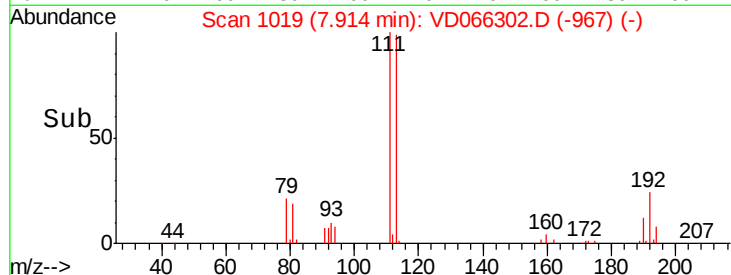
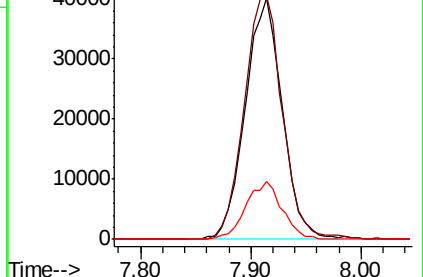
192 23.4 18.4 27.6



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: 4.576 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066302.D

Acq: 19 Aug 2020 04:29

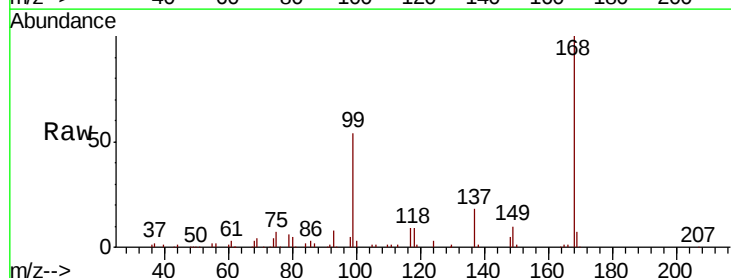
Tgt Ion: 75 Resp: 13247

Ion Ratio Lower Upper

75 100

110 10.8 18.8 56.3#

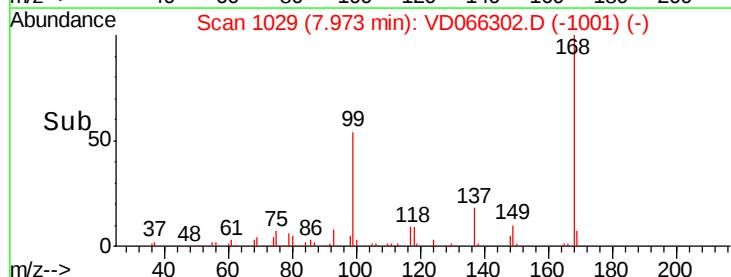
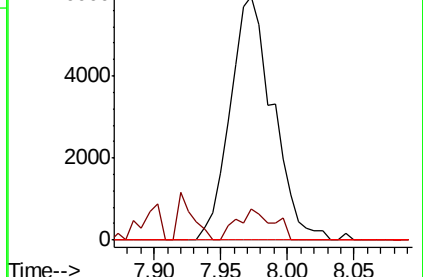
77 0.0 24.2 36.2#

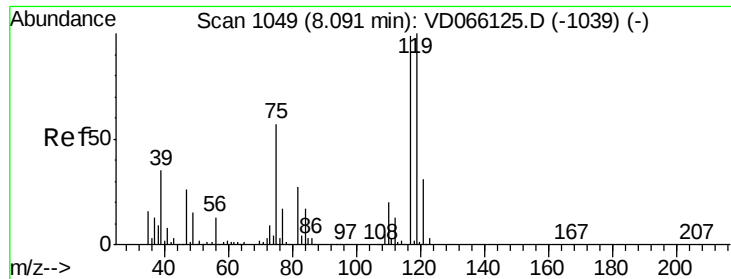


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

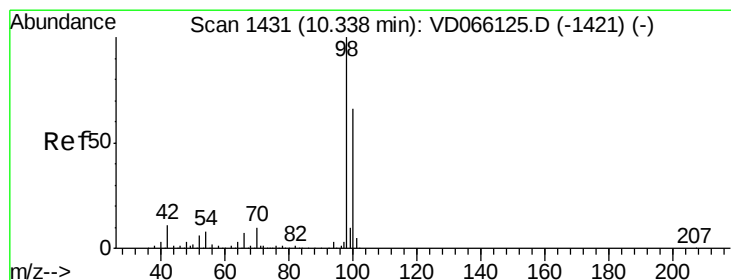
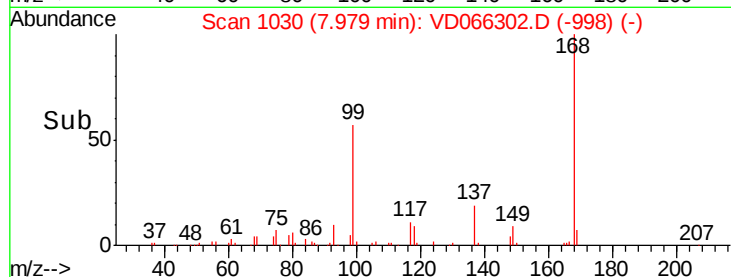
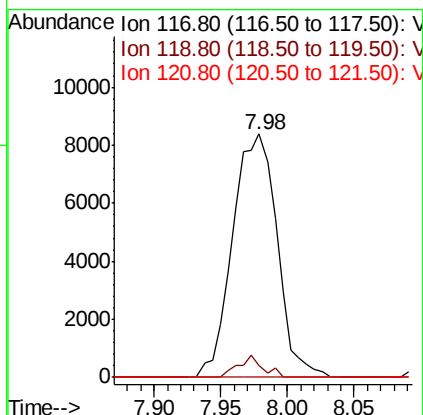
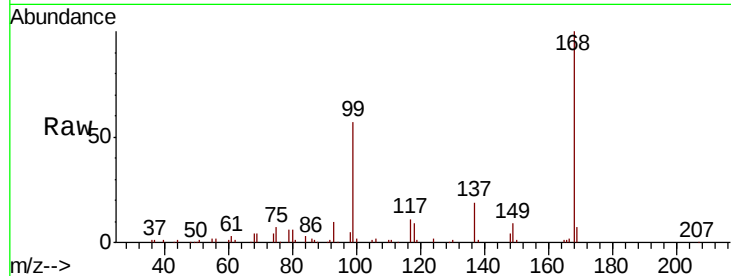




#38
Carbon Tetrachloride
Concen: 5.991 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.11 min
Lab File: VD066302.D
Acq: 19 Aug 2020 04:29

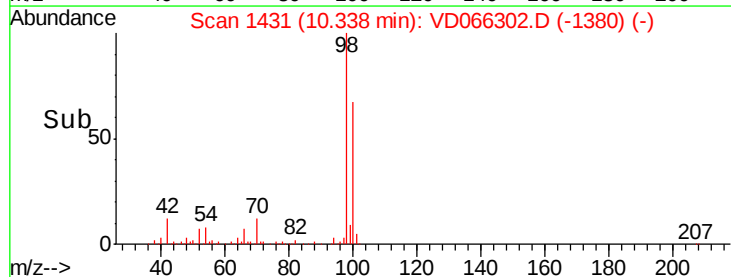
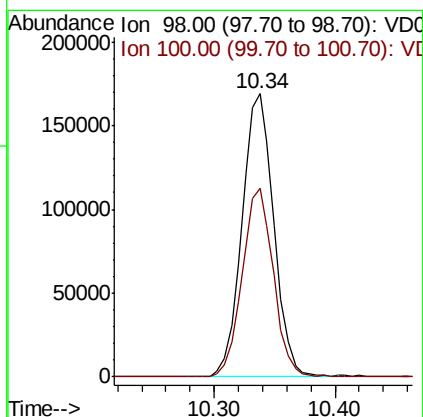
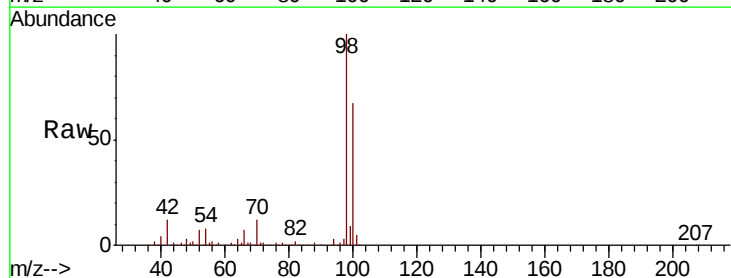
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TP-1-4-8FT

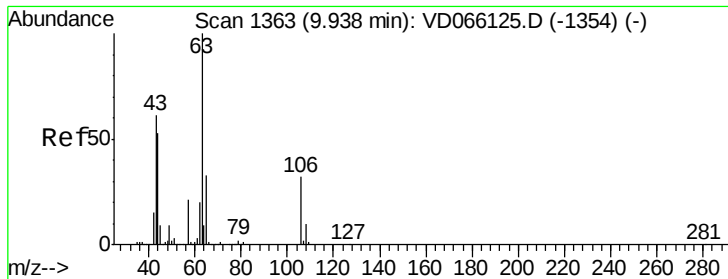
Tot Ion:117 Resp: 19339
Ion Ratio Lower Upper
117 100
119 4.8 81.0 121.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 42.992 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066302.D
Acq: 19 Aug 2020 04:29

Tgt Ion: 98 Resp: 309609
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

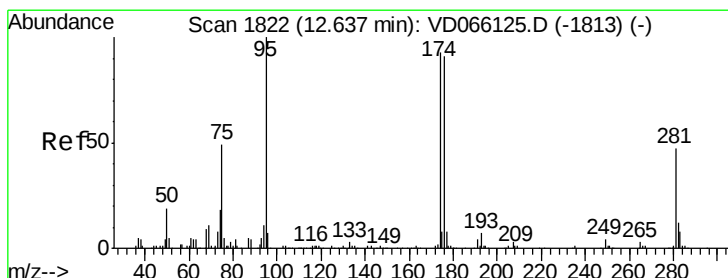
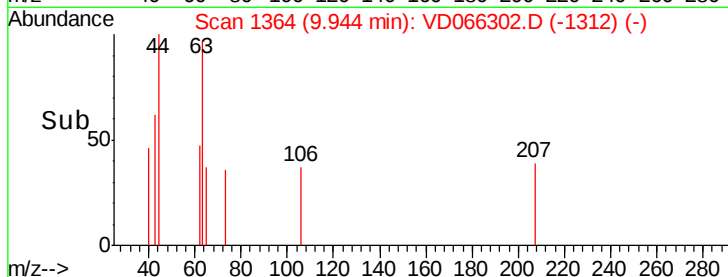
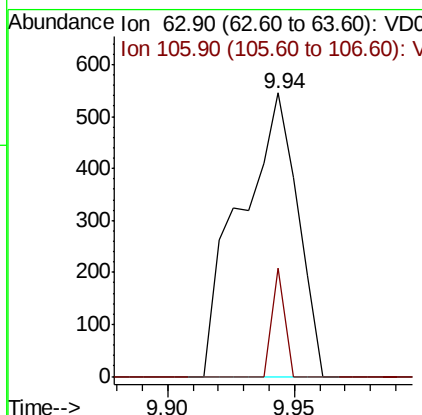
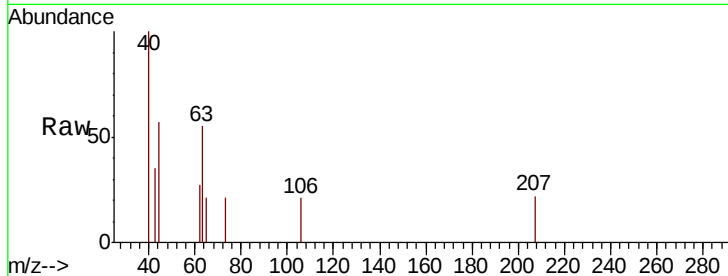




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.022 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VD066302.D
 Acq: 19 Aug 2020 04:29

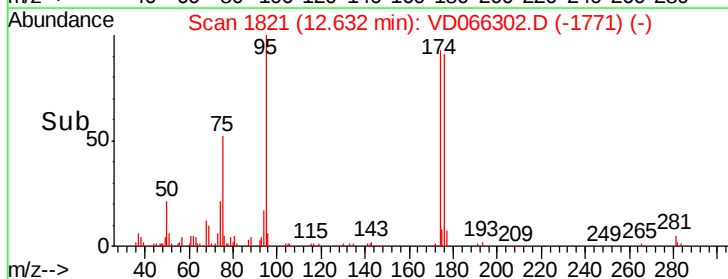
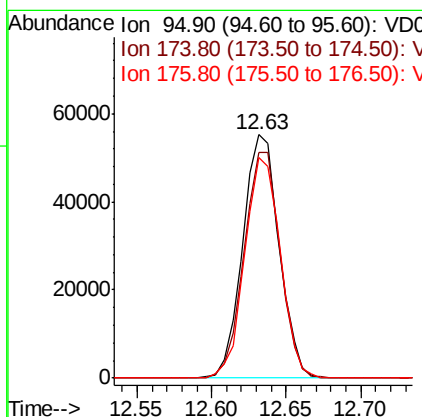
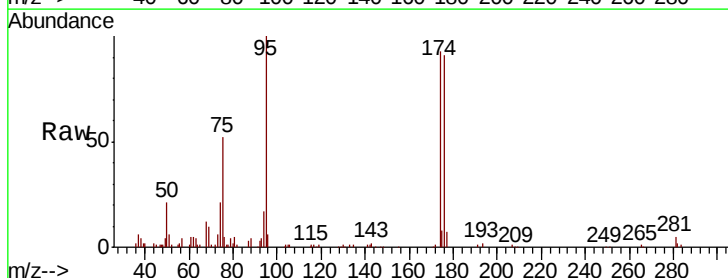
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 ClientSampleId :
 TP-1-4-8FT

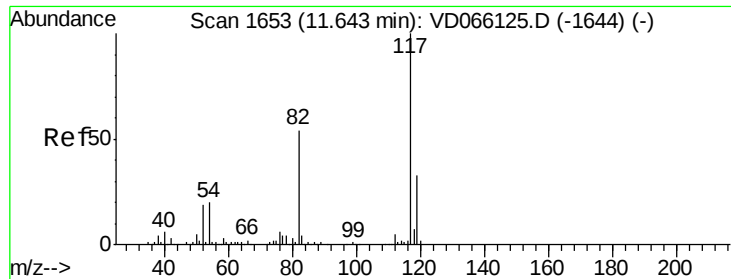
Tot Ion: 63 Resp: 860
 Ion Ratio Lower Upper
 63 100
 106 8.5 25.3 37.9#



#62
 4-Bromofluorobenzene
 Concen: 35.838 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066302.D
 Acq: 19 Aug 2020 04:29

Tgt Ion: 95 Resp: 93031
 Ion Ratio Lower Upper
 95 100
 174 91.9 0.0 180.8
 176 88.9 0.0 181.2

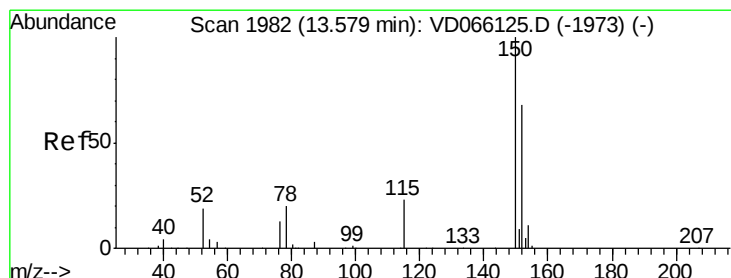
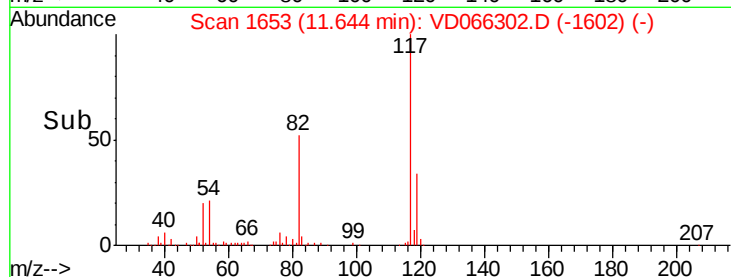
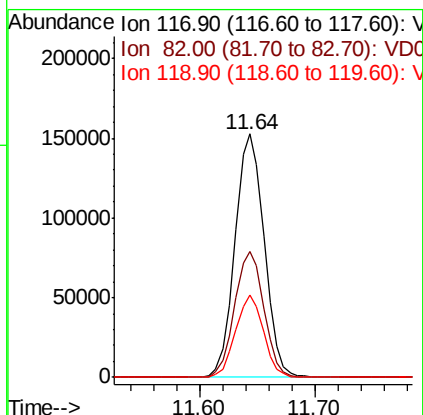
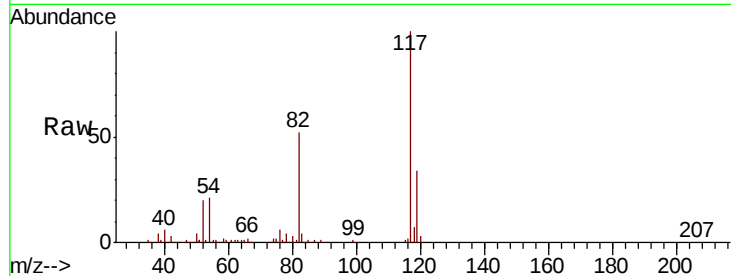




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066302.D
Acq: 19 Aug 2020 04:29

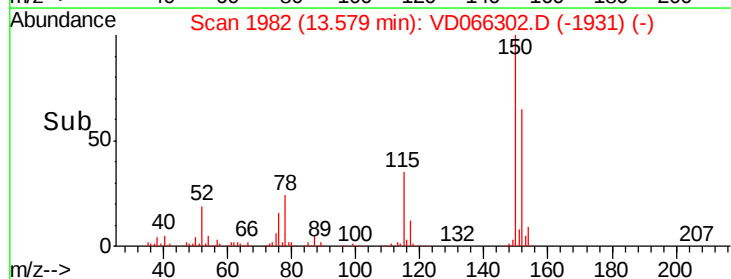
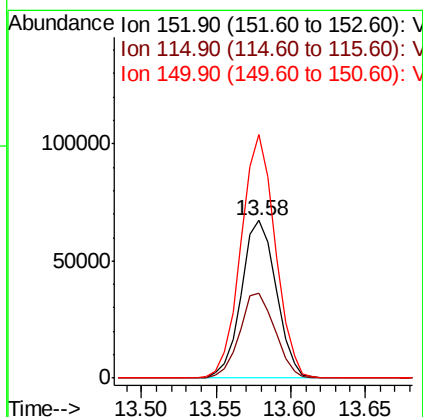
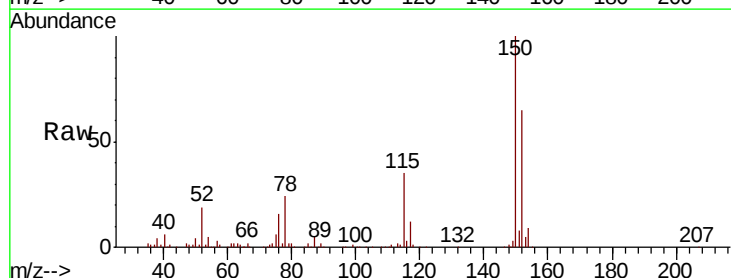
Instrument :
MSVOA_D
ClientSampleId :
TP-1-4-8FT

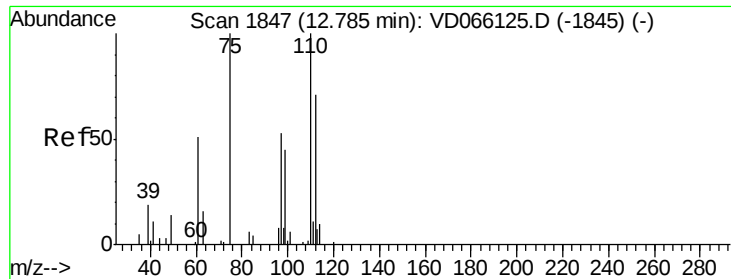
Tot Ion:117 Resp: 267048
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 33.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066302.D
Acq: 19 Aug 2020 04:29

Tgt Ion:152 Resp: 108868
Ion Ratio Lower Upper
152 100
115 54.5 28.0 83.9
150 151.6 0.0 346.4





#76

1,2,3-Trichloropropane

Concen: 53.013 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066302.D

Acq: 19 Aug 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

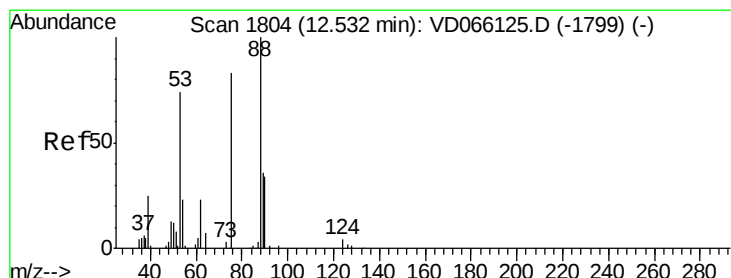
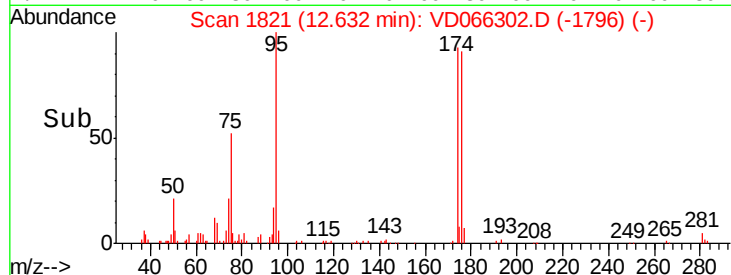
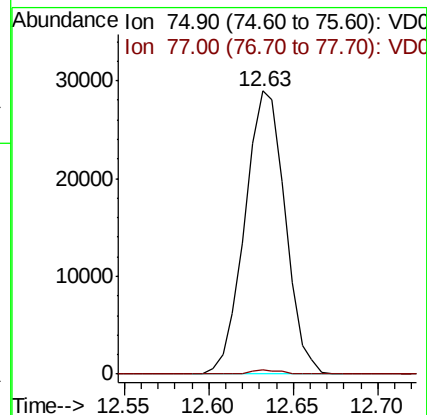
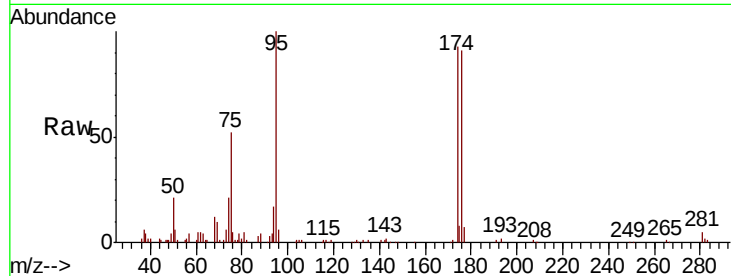
TP-1-4-8FT

Tot Ion: 75 Resp: 48130

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 117.189 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066302.D

Acq: 19 Aug 2020 04:29

Tgt Ion: 75 Resp: 48130

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.0 36.6 55.0#

