

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066340.D
 Acq On : 20 Aug 2020 03:13
 Operator : VA/SY
 Sample : L3689-07RE
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4RE

Quant Time: Aug 20 07:23:34 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	7.98	168	198885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	215021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	81551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142676	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	109690	61.82	ug/l	0.00
Spiked Amount			Recovery	=	123.64%	
35) Dibromofluoromethane	7.91	113	105357	77.35	ug/l	0.00
Spiked Amount			Recovery	=	154.70%	
50) Toluene-d8	10.34	98	45611	9.07	ug/l	0.00
Spiked Amount			Recovery	=	18.14%	
62) 4-Bromofluorobenzene	12.63	95	123359	68.08	ug/l	0.00
Spiked Amount			Recovery	=	136.16%	

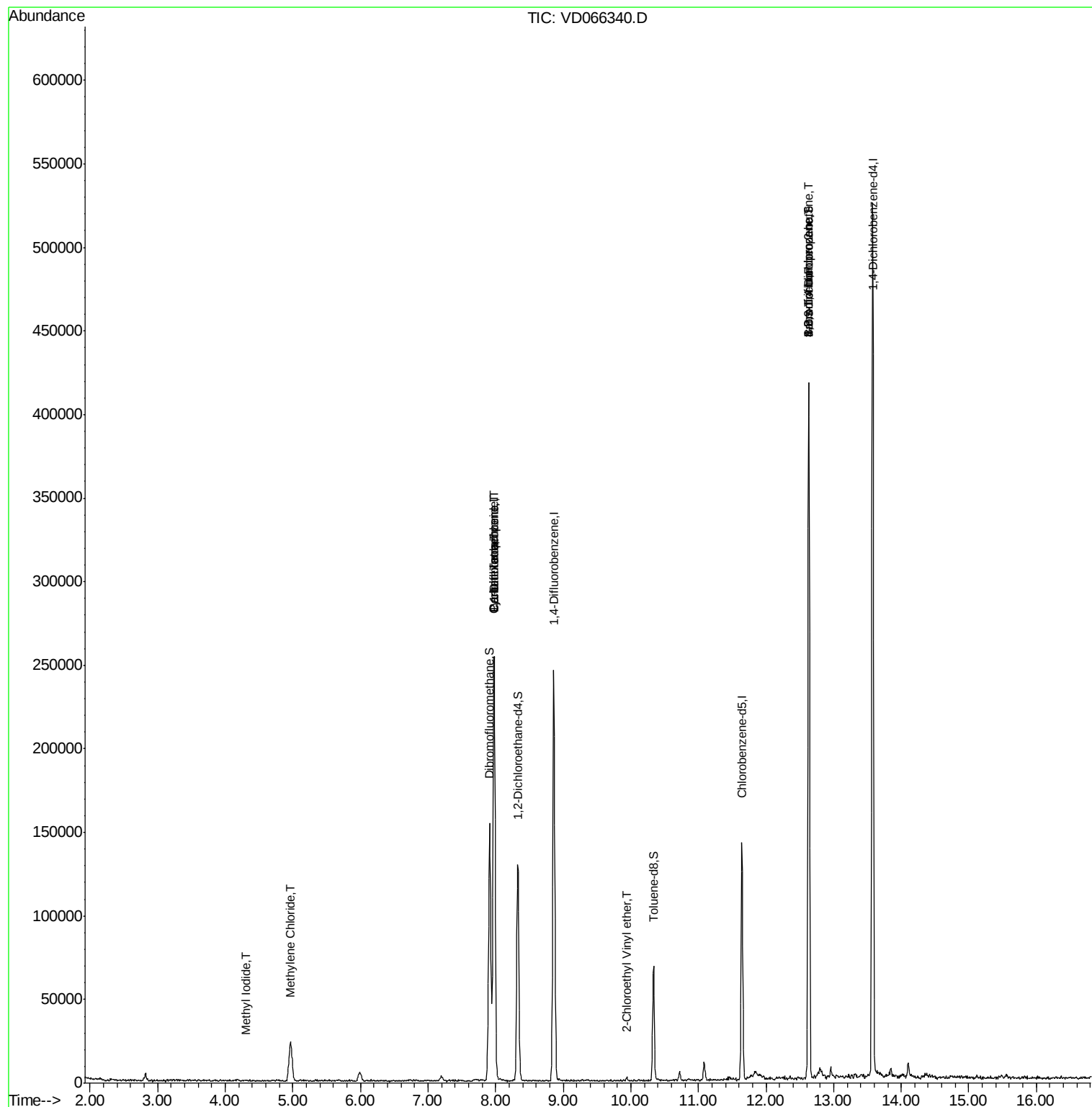
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.31	142	111	6.768	ug/l #	39
20) Methylene Chloride	4.96	84	18308	5.299	ug/l	88
31) Cyclohexane	7.97	56	3966	1.276	ug/l #	20
36) 1,1-Dichloropropene	7.98	75	13350	6.607	ug/l #	52
38) Carbon Tetrachloride	7.98	117	19589	8.694	ug/l #	12
58) 2-Chloroethyl Vinyl ether	9.94	63	1095	1.864	ug/l #	73
71) Bromoform	12.63	173	915	2.384	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	62847	52.821	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	62847	116.763	ug/l #	13

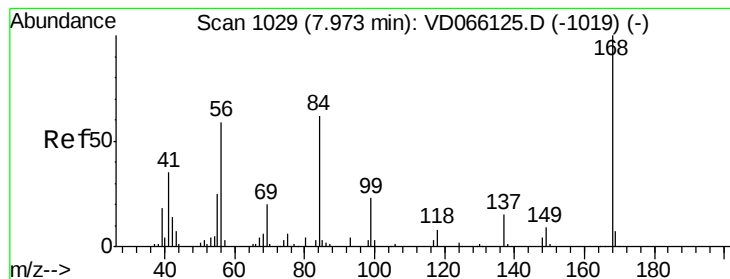
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066340.D

Acq: 20 Aug 2020 03:13

Instrument :

MSVOA_D

ClientSampleId :

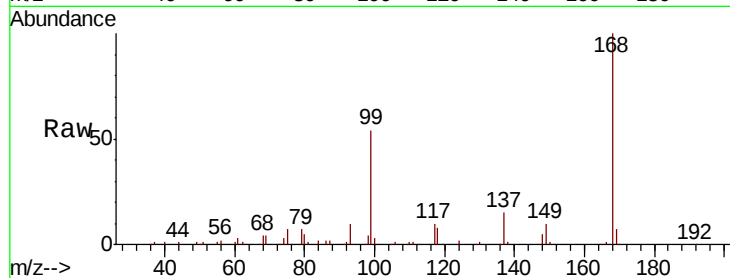
TP-4RE

Tot Ion:168 Resp: 198885

Ion Ratio Lower Upper

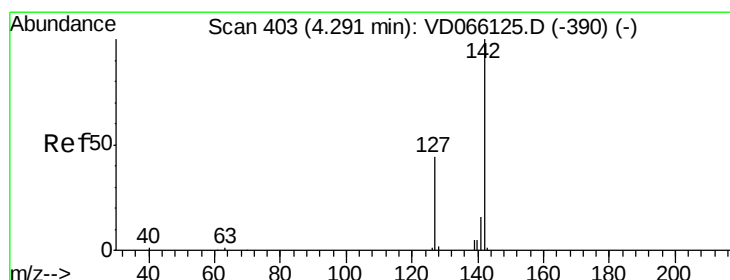
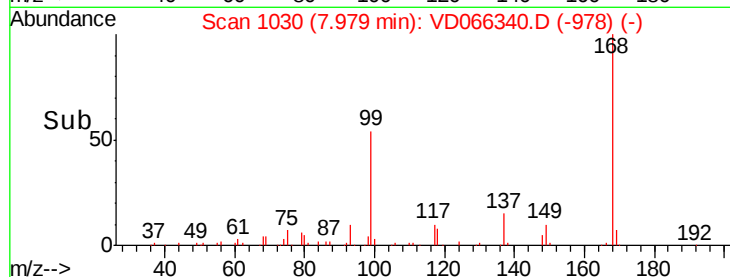
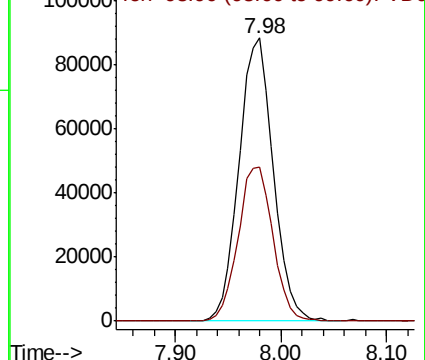
168 100

99 54.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V



#10

Methyl Iodide

Concen: 6.768 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.02 min

Lab File: VD066340.D

Acq: 20 Aug 2020 03:13

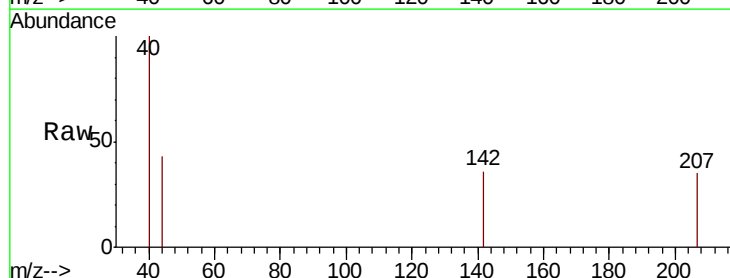
Tgt Ion:142 Resp: 111

Ion Ratio Lower Upper

142 100

127 0.0 36.2 54.4#

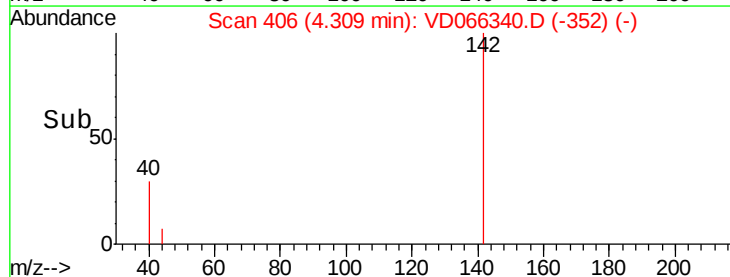
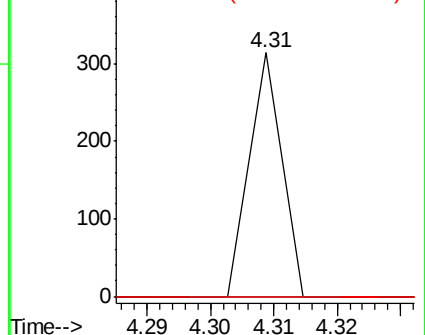
141 0.0 12.6 18.8#

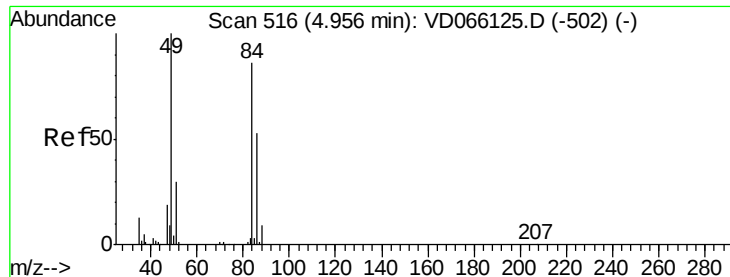


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#20

Methvlene Chloride

Concen: 5.299 ug/l

RT: 4.96 min Scan# 516

Delta R.T. 0.00 min

Lab File: VD066340.D

Acq: 20 Aug 2020 03:13

Instrument :

MSVOA_D

ClientSampleId :

TP-4RE

Tot Ion: 84 Resp: 18308

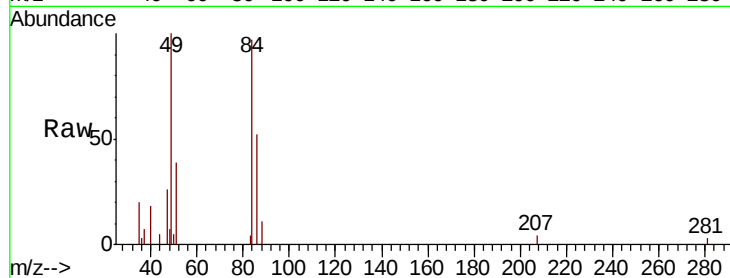
Ion Ratio Lower Upper

84 100

49 102.6 93.5 140.3

51 39.6 28.2 42.4

86 53.0 49.5 74.3



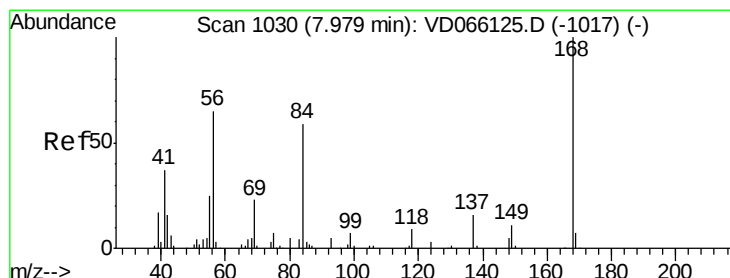
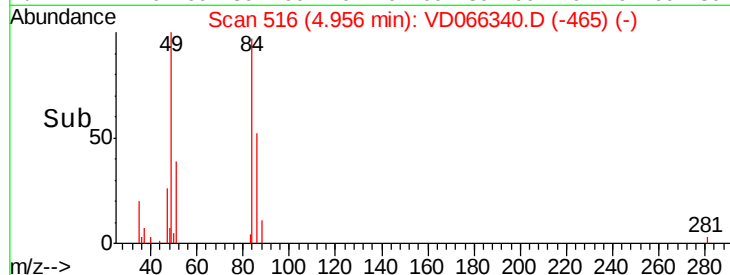
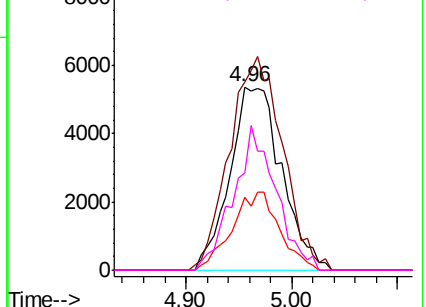
Abundance

Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#31

Cyclohexane

Concen: 1.276 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VD066340.D

Acq: 20 Aug 2020 03:13

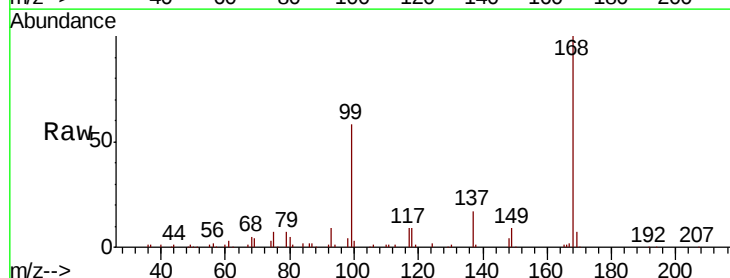
Tgt Ion: 56 Resp: 3966

Ion Ratio Lower Upper

56 100

69 176.2 28.8 43.2#

84 107.8 73.0 109.6

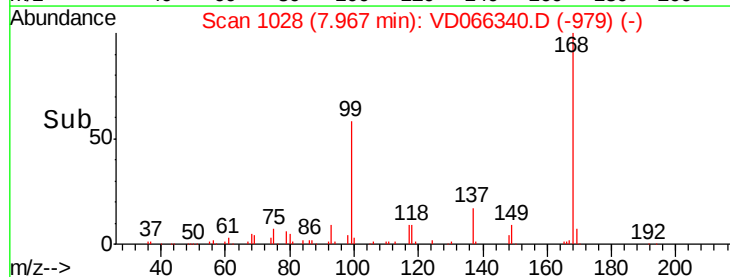
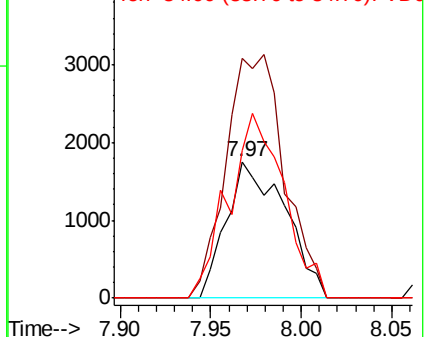


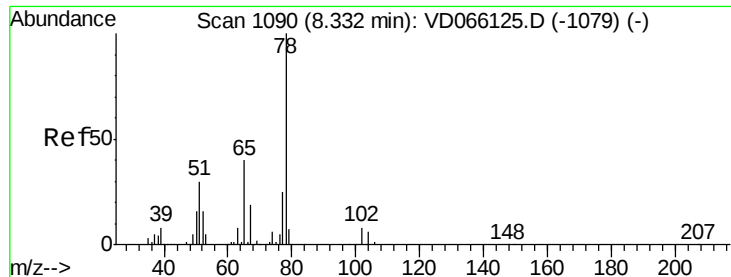
Abundance

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

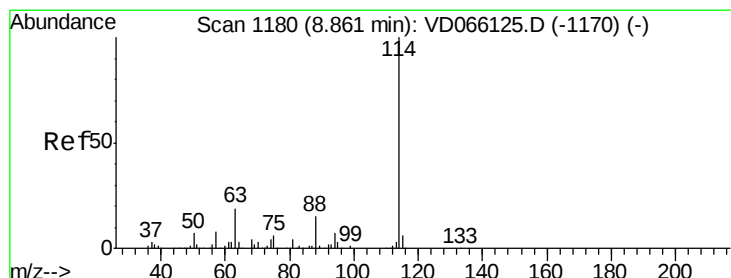
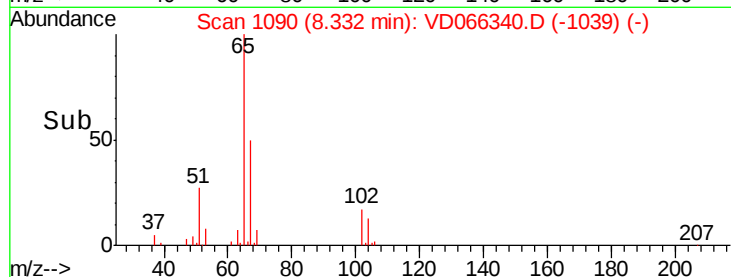
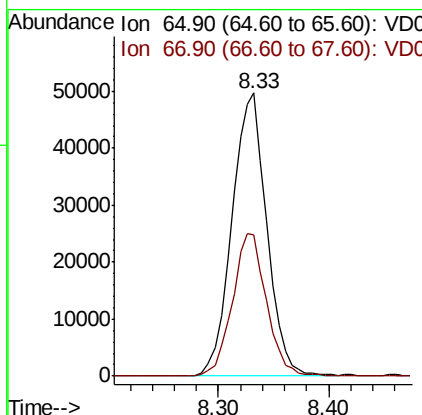
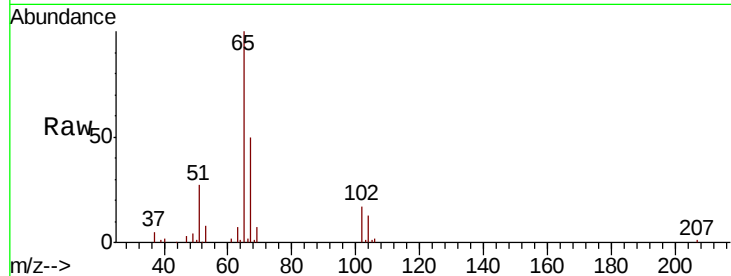




#33
 1,2-Dichloroethane-d4
 Concen: 61.820 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066340.D
 Acq: 20 Aug 2020 03:13

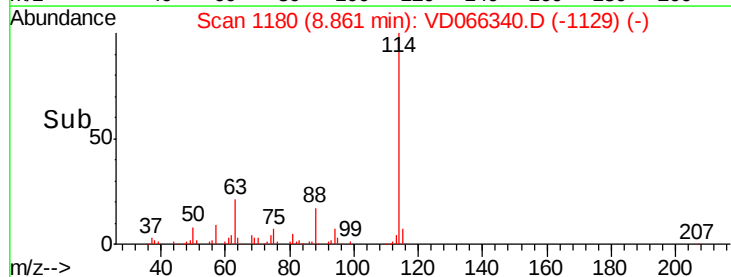
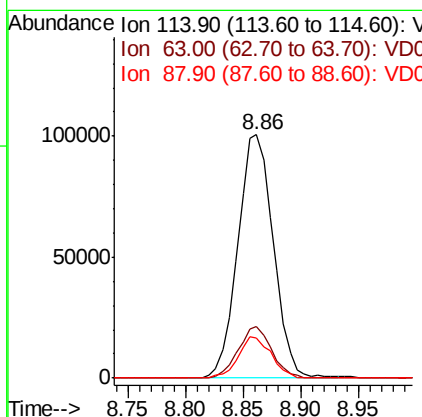
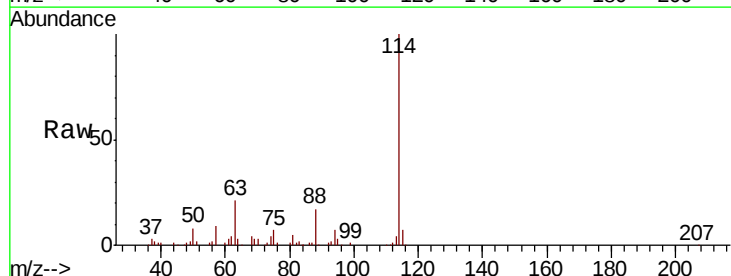
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4RE

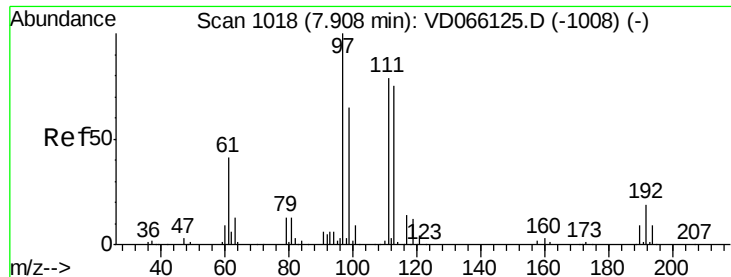
Tot Ion: 65 Resp: 109690
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066340.D
 Acq: 20 Aug 2020 03:13

Tgt Ion: 114 Resp: 215021
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 38.6
 88 16.6 0.0 30.0

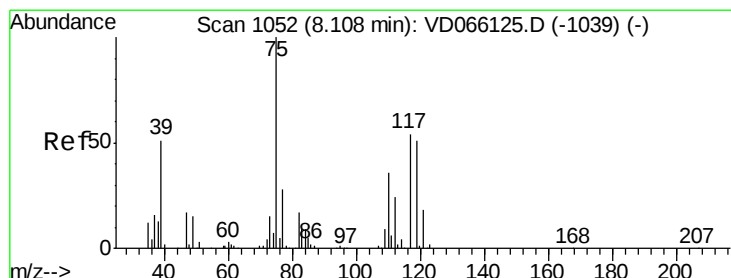
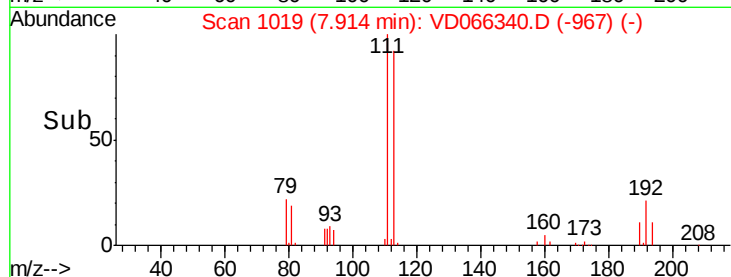
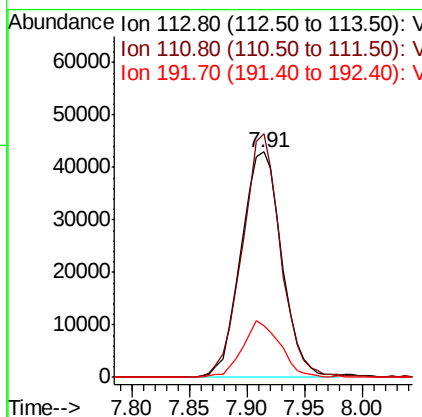
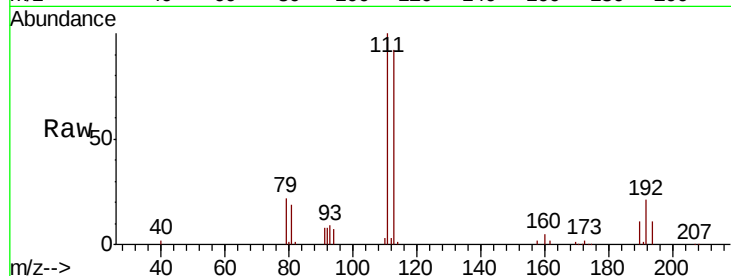




#35
 Dibromofluoromethane
 Concen: 77.347 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066340.D
 Acq: 20 Aug 2020 03:13

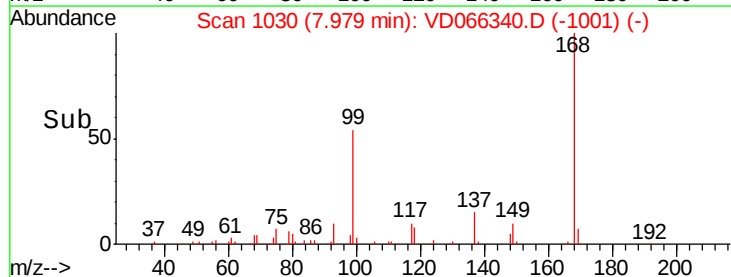
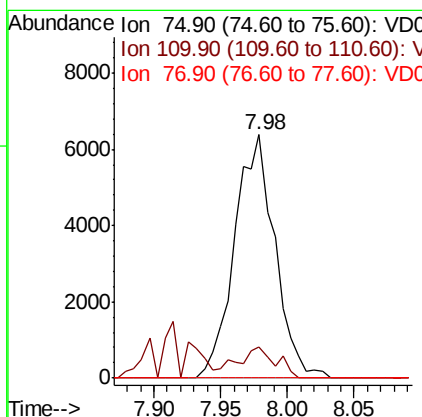
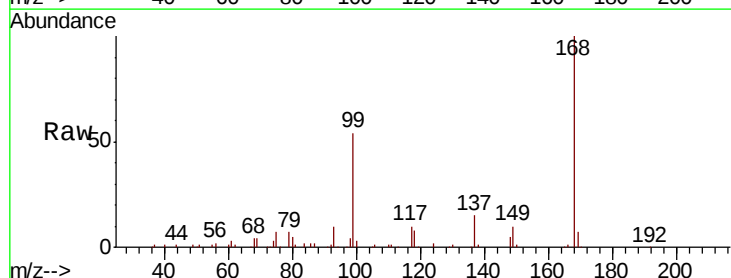
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4RE

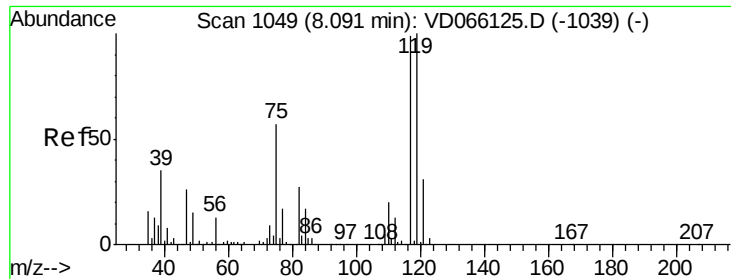
Tot Ion:113 Resp: 105357
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.7 121.1
 192 23.1 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 6.607 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066340.D
 Acq: 20 Aug 2020 03:13

Tgt Ion: 75 Resp: 13350
 Ion Ratio Lower Upper
 75 100
 110 12.3 18.8 56.3#
 77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 8.694 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066340.D

Acq: 20 Aug 2020 03:13

Instrument :

MSVOA_D

ClientSampleId :

TP-4RE

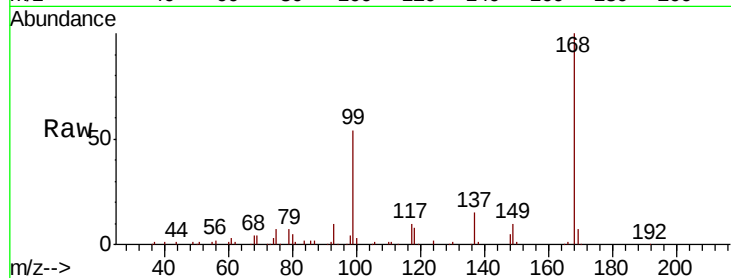
Tot Ion:117 Resp: 19589

Ion Ratio Lower Upper

117 100

119 3.4 81.0 121.4#

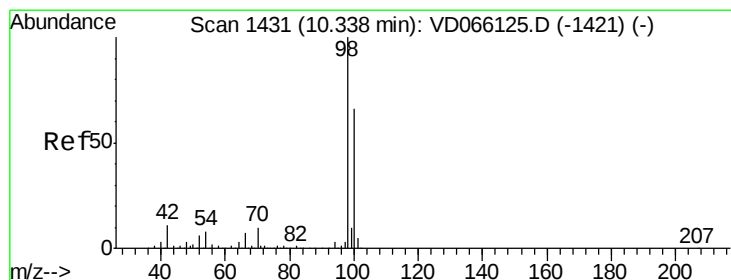
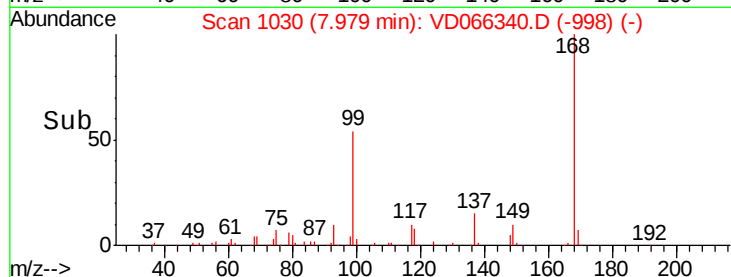
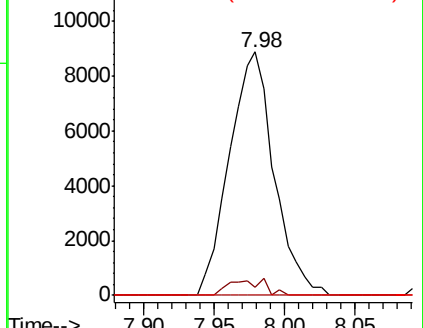
121 0.0 24.8 37.2#



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: 9.074 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066340.D

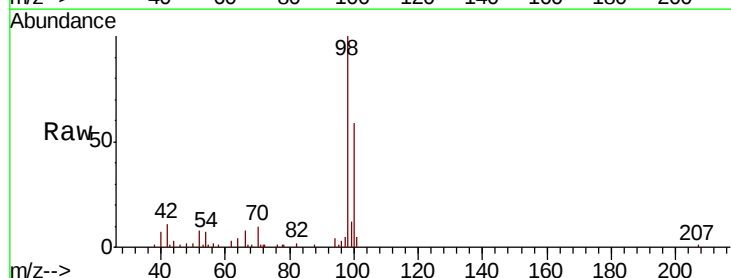
Acq: 20 Aug 2020 03:13

Tgt Ion: 98 Resp: 45611

Ion Ratio Lower Upper

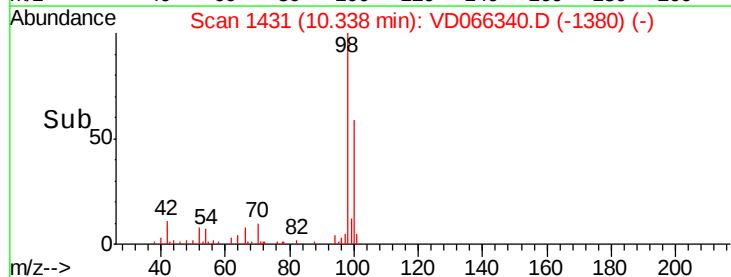
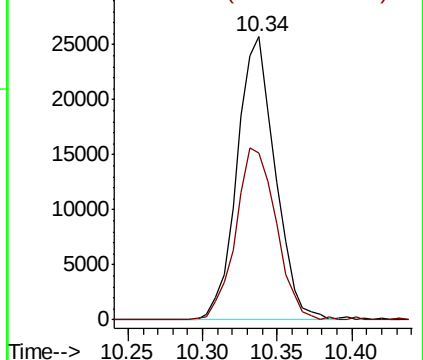
98 100

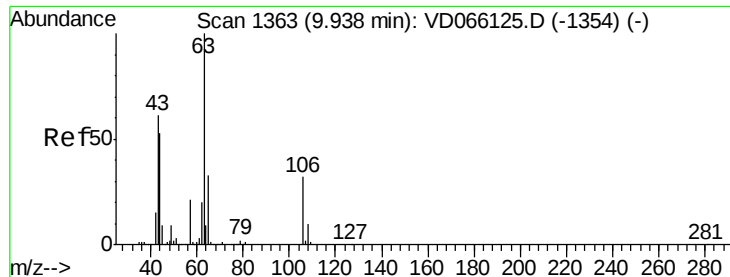
100 64.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

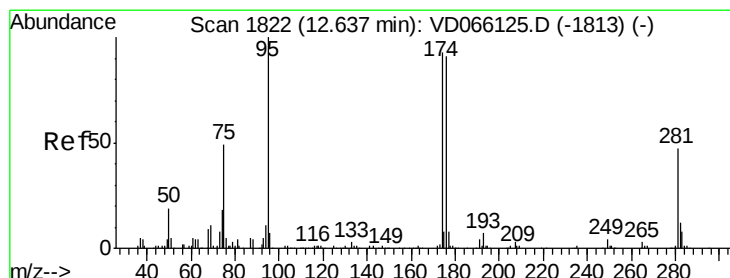
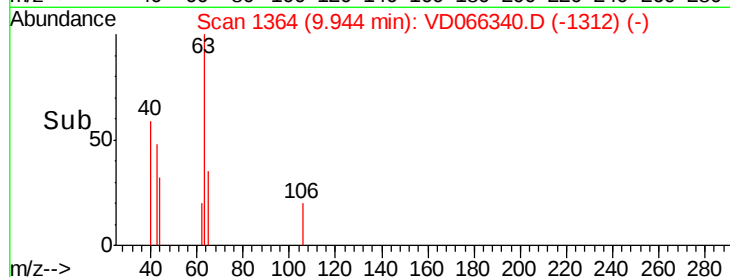
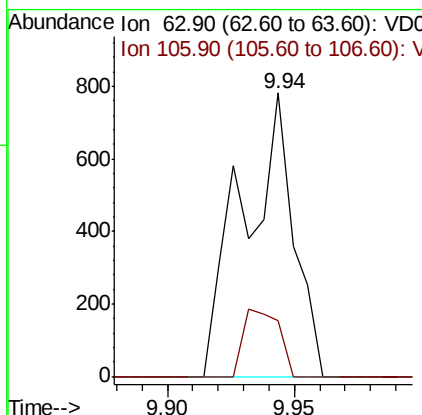
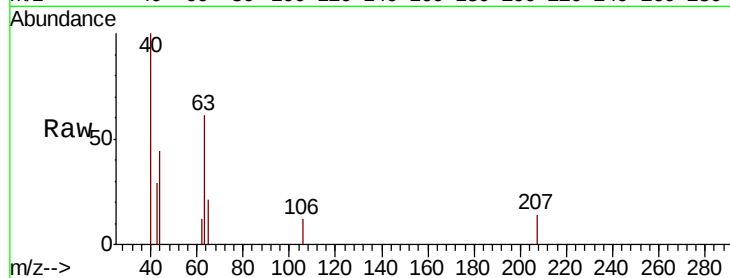




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.864 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VD066340.D
 Acq: 20 Aug 2020 03:13

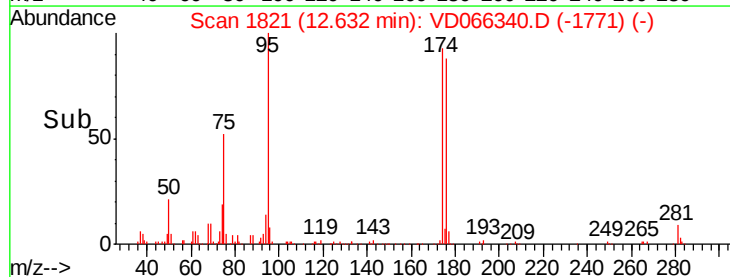
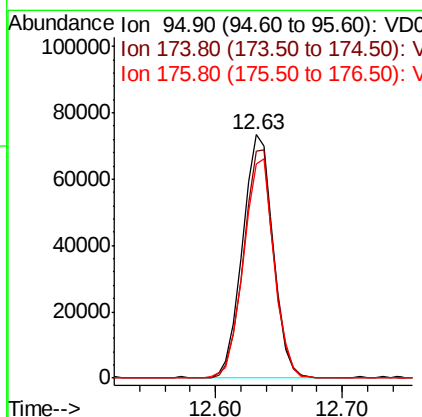
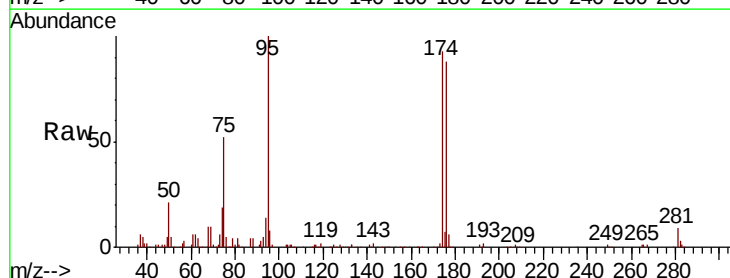
Instrument :
 MSVOA_D
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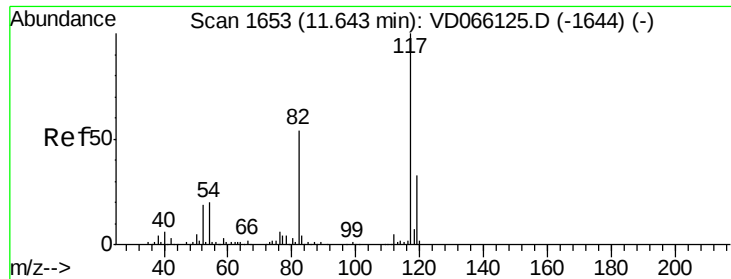
Tot Ion: 63 Resp: 1095
 Ion Ratio Lower Upper
 63 100
 106 16.5 25.3 37.9#



#62
 4-Bromofluorobenzene
 Concen: 68.083 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066340.D
 Acq: 20 Aug 2020 03:13

Tgt Ion: 95 Resp: 123359
 Ion Ratio Lower Upper
 95 100
 174 92.5 0.0 180.8
 176 89.5 0.0 181.2

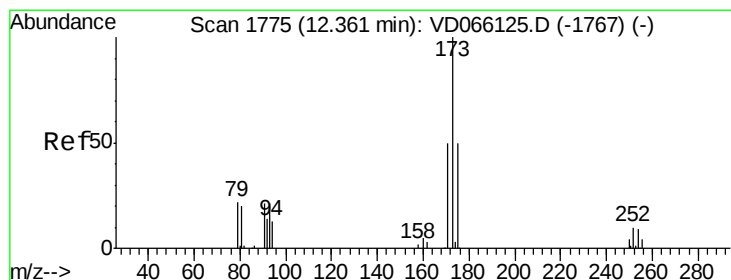
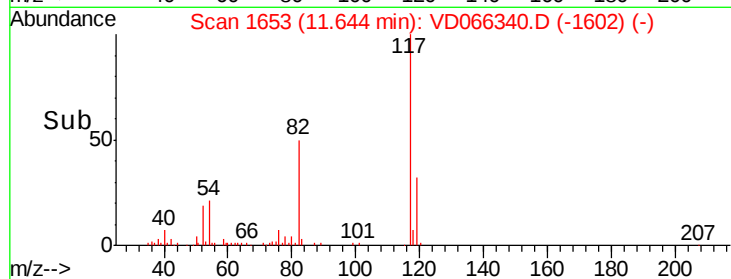
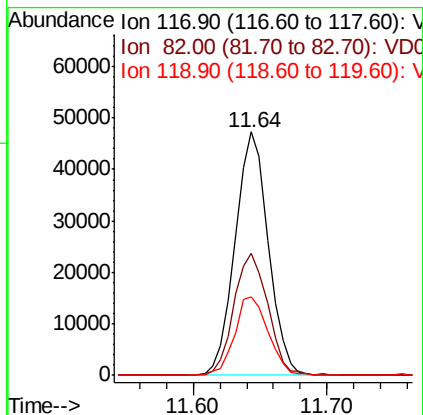
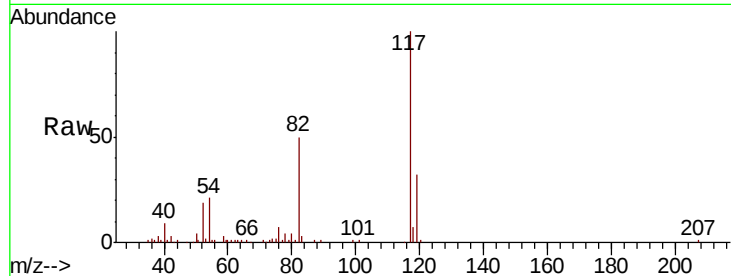




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066340.D
Acq: 20 Aug 2020 03:13

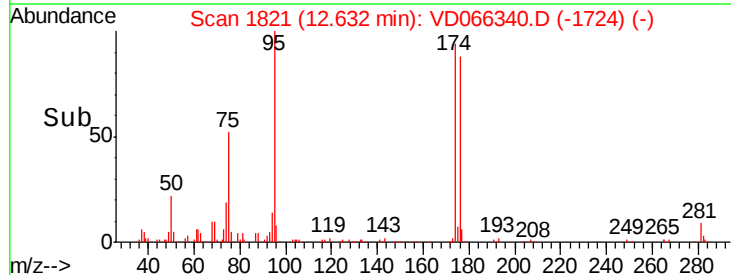
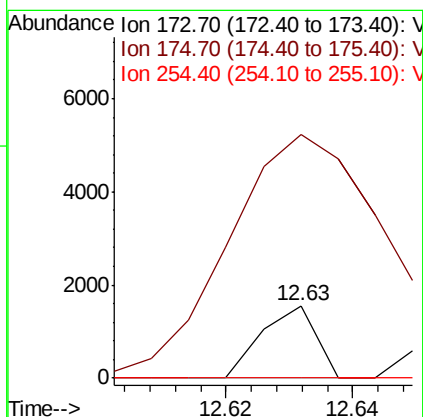
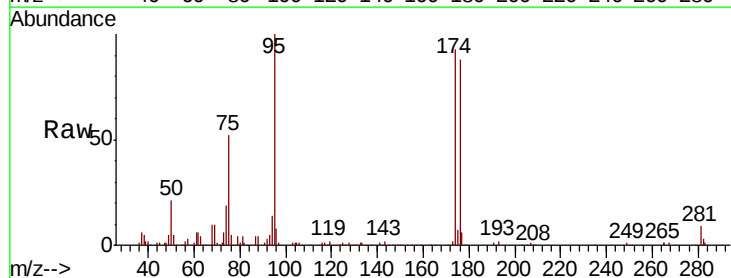
Instrument :
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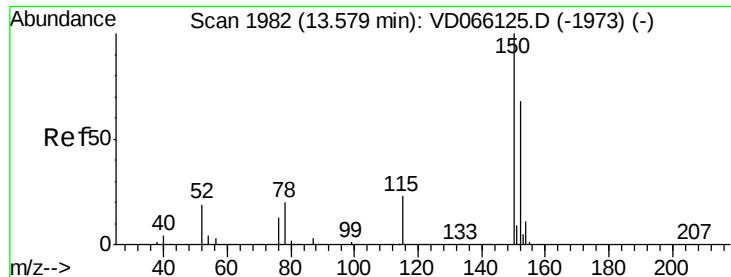
Tot Ion:117 Resp: 81551
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 32.3 26.1 39.1



#71
Bromoform
Concen: 2.384 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.27 min
Lab File: VD066340.D
Acq: 20 Aug 2020 03:13

Tgt Ion:173 Resp: 915
Ion Ratio Lower Upper
173 100
175 737.2 24.6 73.6#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066340.D

Acq: 20 Aug 2020 03:13

Instrument :

MSVOA_D

ClientSampleId :

TP-4RE

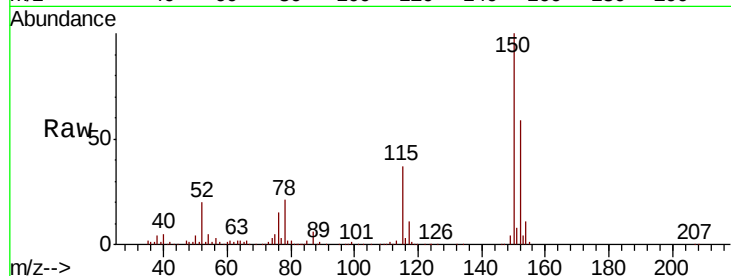
Tot Ion:152 Resp: 142676

Ion Ratio Lower Upper

152 100

115 57.5 28.0 83.9

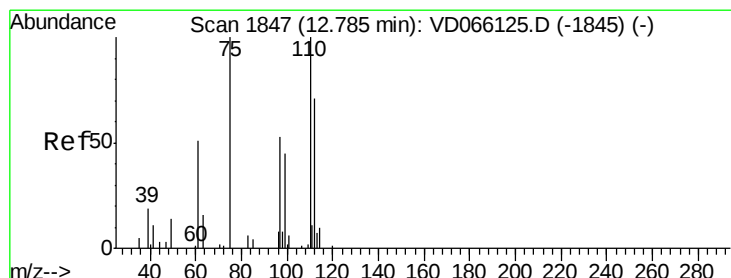
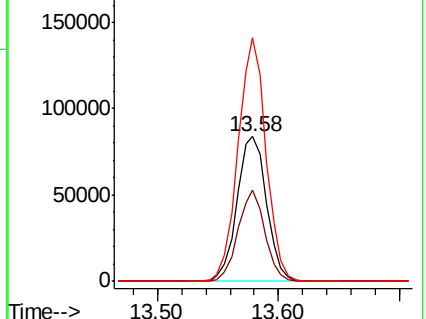
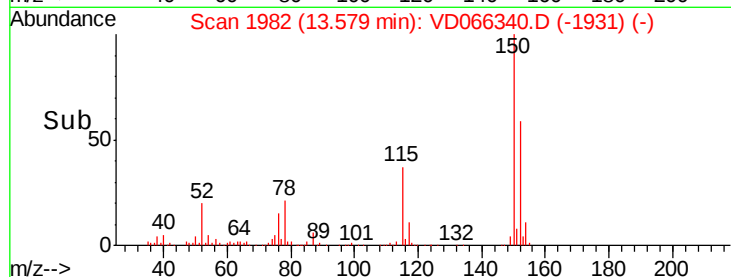
150 159.2 0.0 346.4



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: 52.821 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066340.D

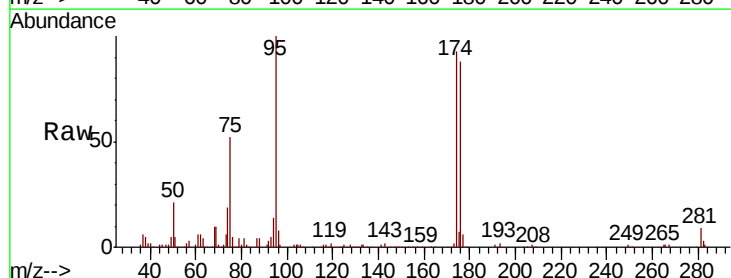
Acq: 20 Aug 2020 03:13

Tgt Ion: 75 Resp: 62847

Ion Ratio Lower Upper

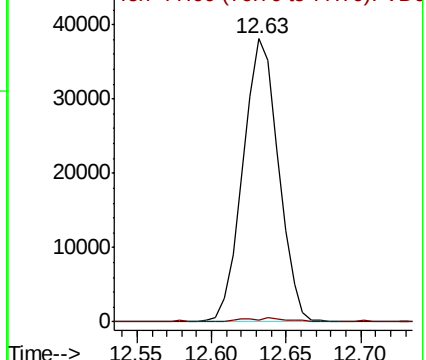
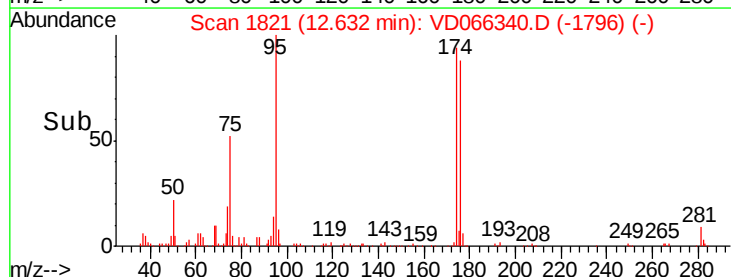
75 100

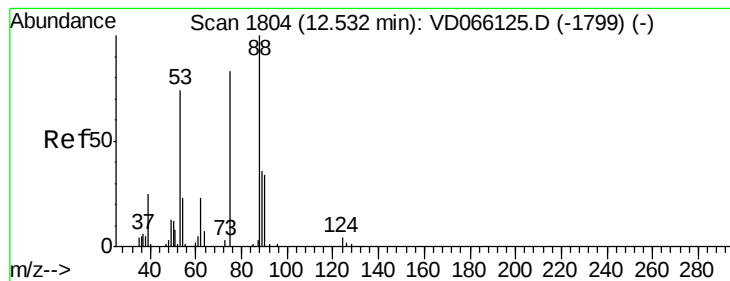
77 0.9 0.0 0.0#



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: 116.763 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066340.D

Acq: 20 Aug 2020 03:13

Instrument :

MSVOA_D

ClientSampleId :

TP-4RE

Tot Ion: 75 Resp: 62847

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.1 36.6 55.0#

