

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
 Data File : VD066750.D
 Acq On : 17 Sep 2020 17:50
 Operator : VA/SY
 Sample : L4051-01
 Misc : 5.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KTS-SB-02-1-2

Quant Time: Sep 18 01:16:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	180821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	311625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	259181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	65395	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	124990	64.79	ug/l	0.00
Spiked Amount			Recovery	=	129.58%	
35) Dibromofluoromethane	7.91	113	115662	60.54	ug/l	0.00
Spiked Amount			Recovery	=	121.08%	
50) Toluene-d8	10.34	98	371983	54.65	ug/l	0.00
Spiked Amount			Recovery	=	109.30%	
62) 4-Bromofluorobenzene	12.63	95	82484	35.10	ug/l	0.00
Spiked Amount			Recovery	=	70.20%	

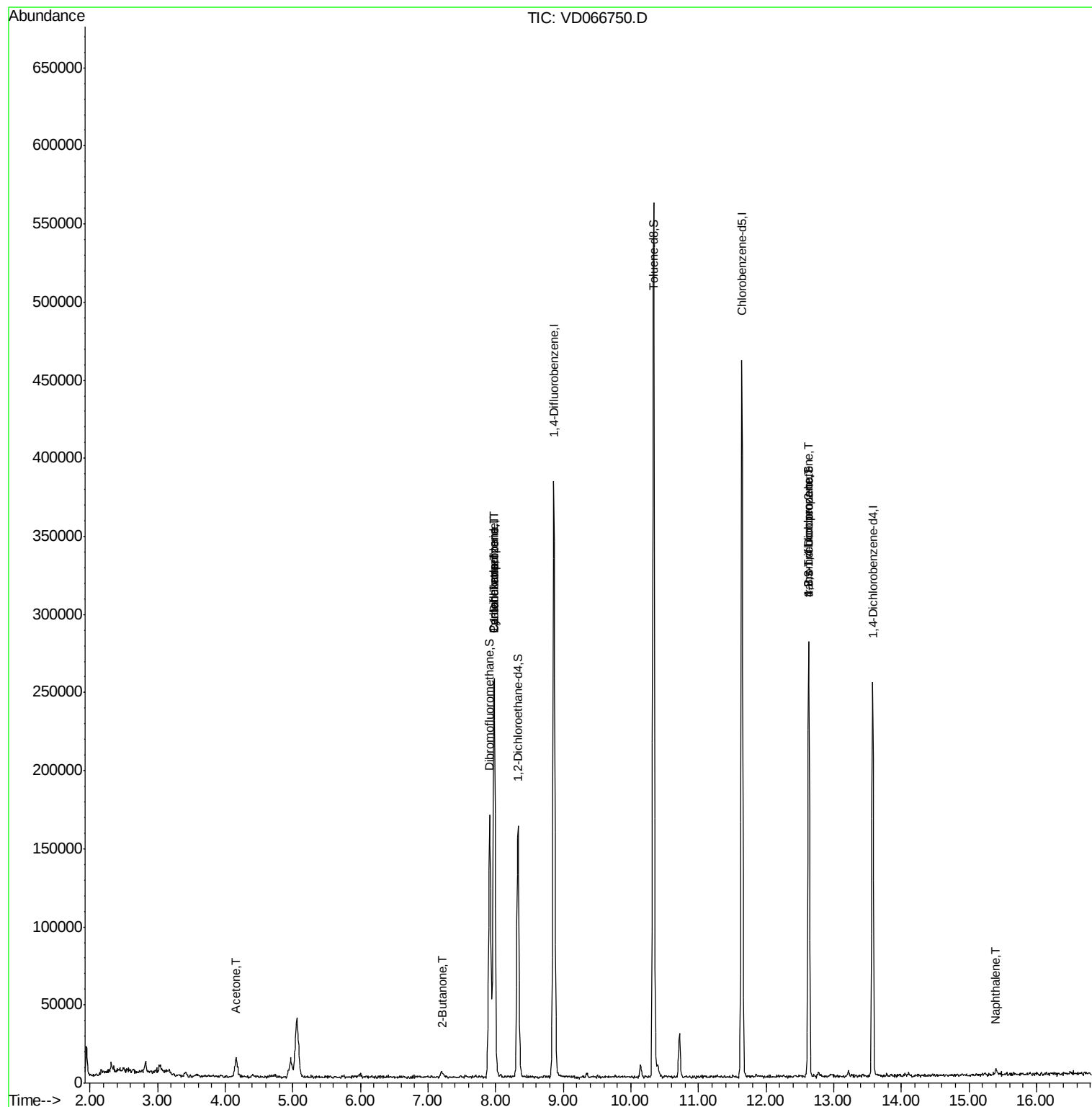
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	21611	55.008	ug/l	98
18) Methyl Acetate	4.70	43	530	Below Cal	#	5
20) Methylene Chloride	4.97	84	9008	Below Cal	#	76
25) 2-Butanone	7.21	43	3690	7.213	ug/l	97
31) Cyclohexane	7.97	56	5287	1.551	ug/l #	25
36) 1,1-Dichloropropene	7.98	75	15762	4.920	ug/l #	53
38) Carbon Tetrachloride	7.98	117	20543	6.038	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	48502	86.649	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	48502	187.003	ug/l #	8
95) Naphthalene	15.40	128	4074	2.084	ug/l #	94

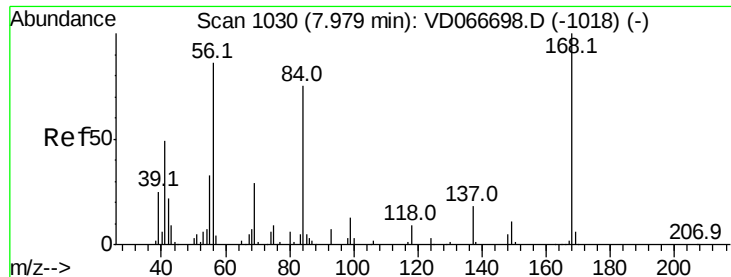
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091720\
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Quant Time: Sep 18 01:16:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 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: VD066750.D

Acq: 17 Sep 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

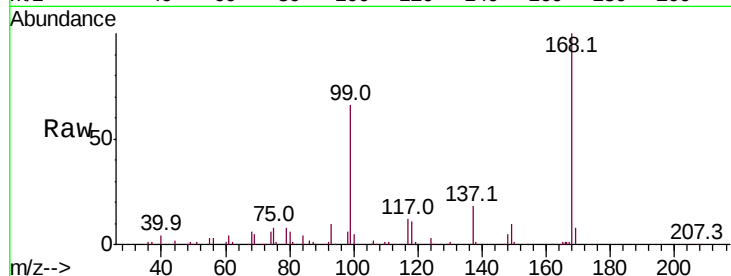
KTS-SB-02-1-2

Tot Ion:168 Resp: 180821

Ion Ratio Lower Upper

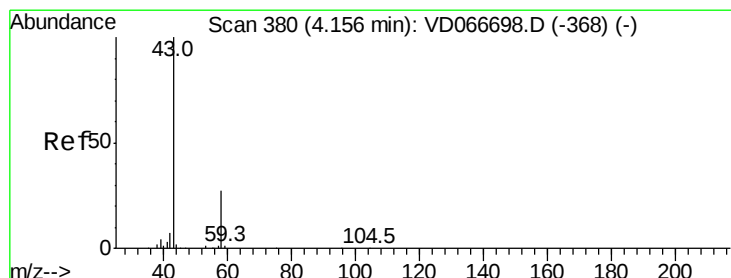
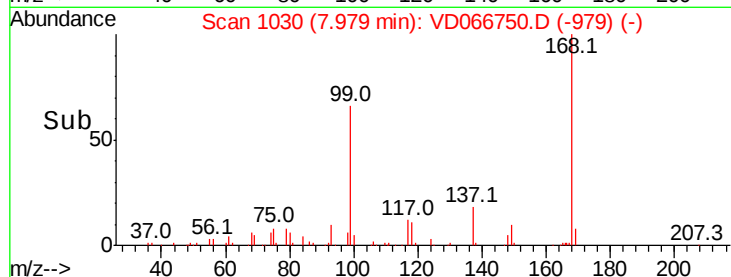
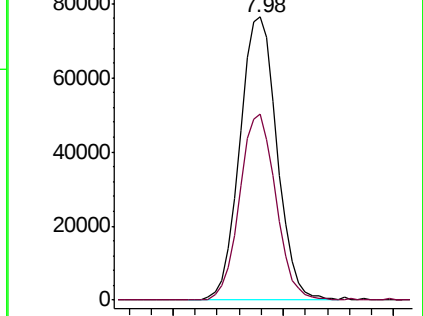
168 100

99 65.7 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 55.008 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066750.D

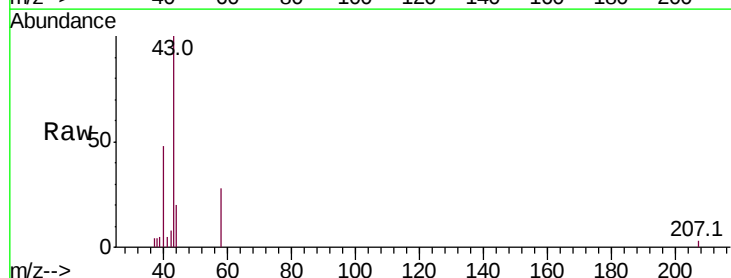
Acq: 17 Sep 2020 17:50

Tgt Ion: 43 Resp: 21611

Ion Ratio Lower Upper

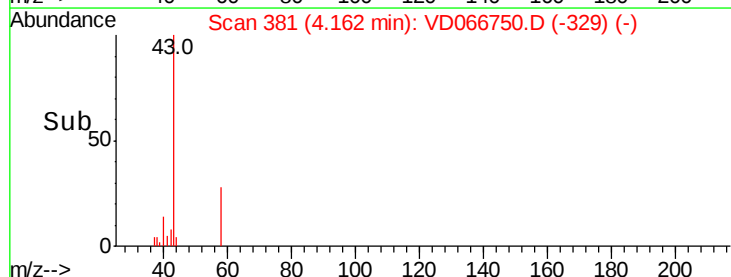
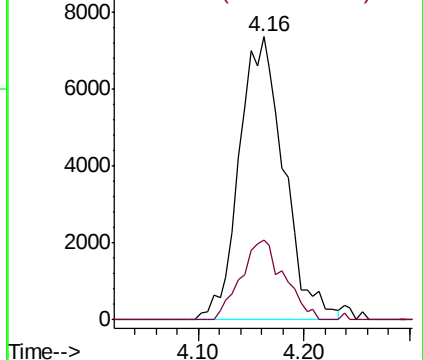
43 100

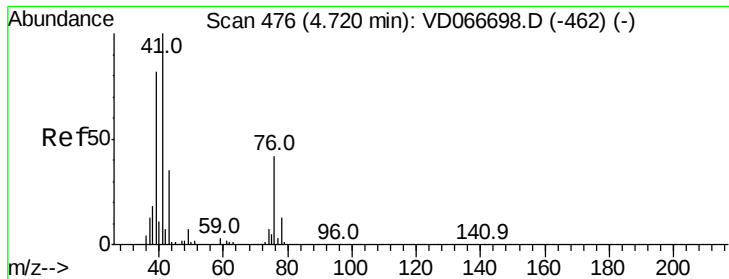
58 28.2 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

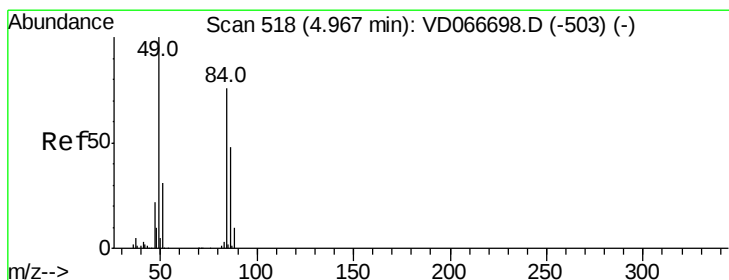
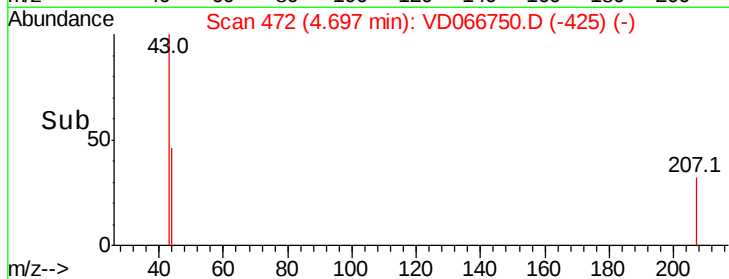
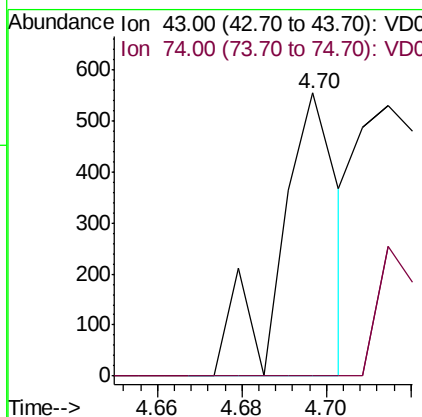
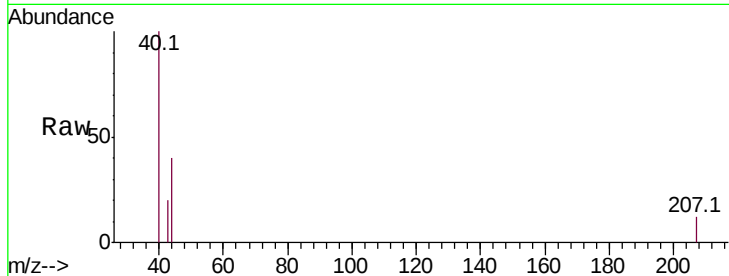




#18
Methyl Acetate
Concen: Below Cal
RT: 4.70 min Scan# 472
Delta R.T. -0.02 min
Lab File: VD066750.D
Acq: 17 Sep 2020 17:50

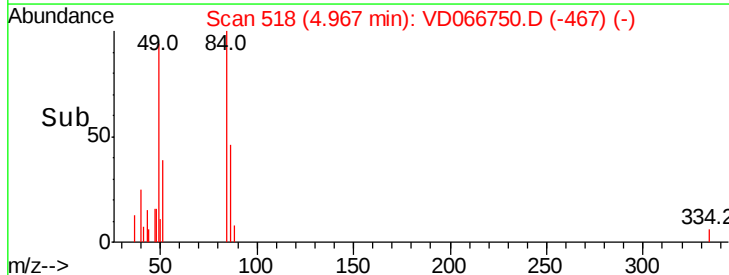
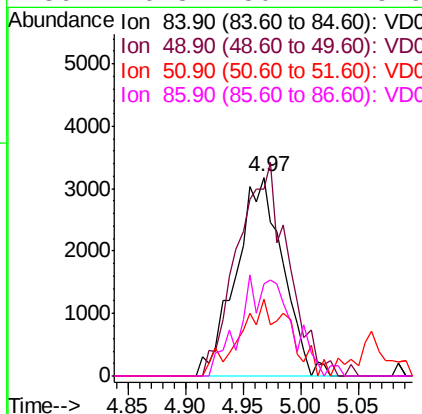
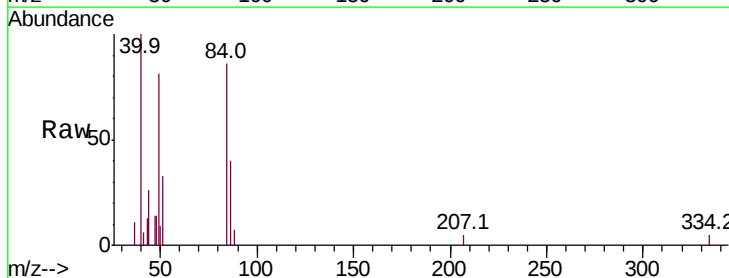
Instrument :
MSVOA_D
ClientSampleId :
KTS-SB-02-1-2

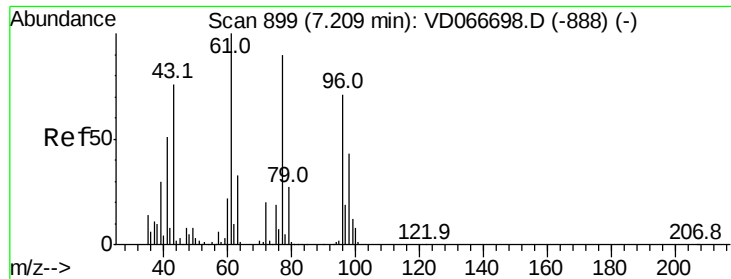
Tot Ion: 43 Resp: 530
Ion Ratio Lower Upper
43 100
74 69.6 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066750.D
Acq: 17 Sep 2020 17:50

Tgt Ion: 84 Resp: 9008
Ion Ratio Lower Upper
84 100
49 94.2 105.0 157.6#
51 38.7 32.2 48.4
86 46.3 50.4 75.6#

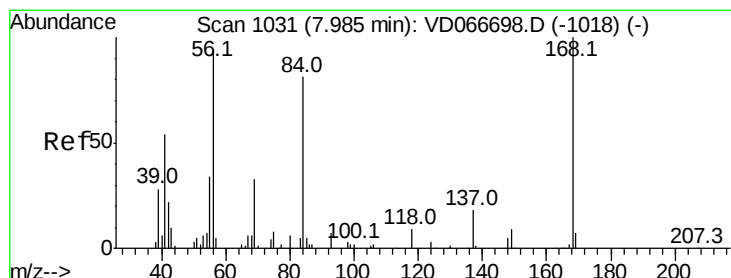
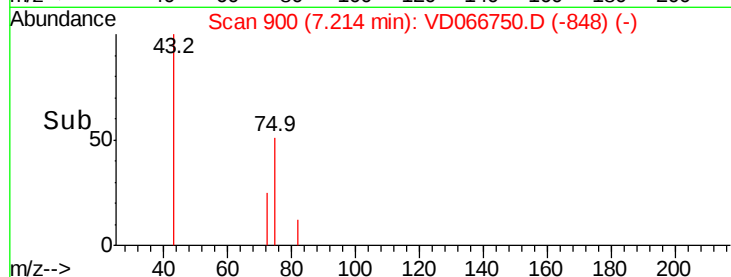
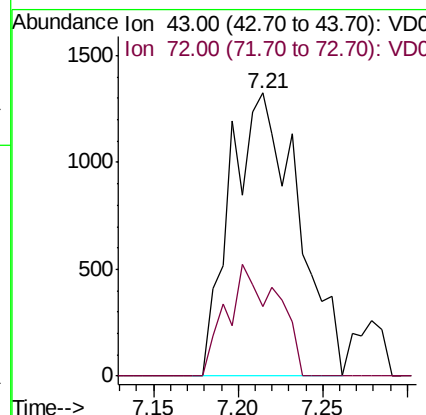
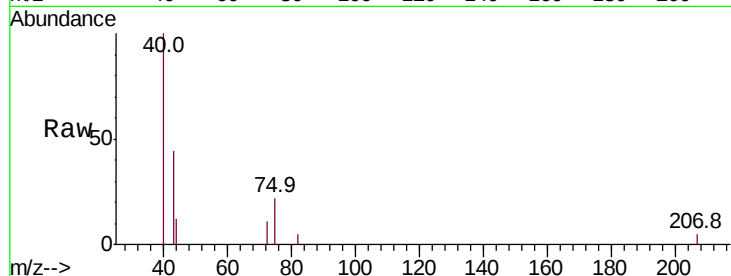




#25
 2-Butanone
 Concen: 7.213 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066750.D
 Acq: 17 Sep 2020 17:50

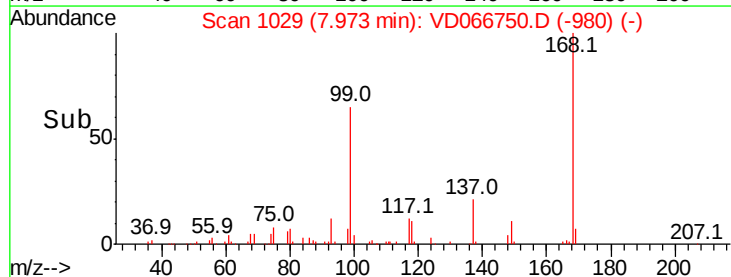
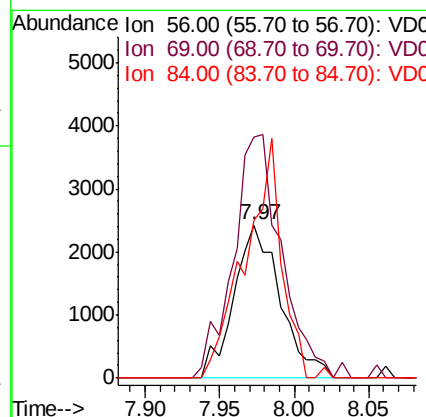
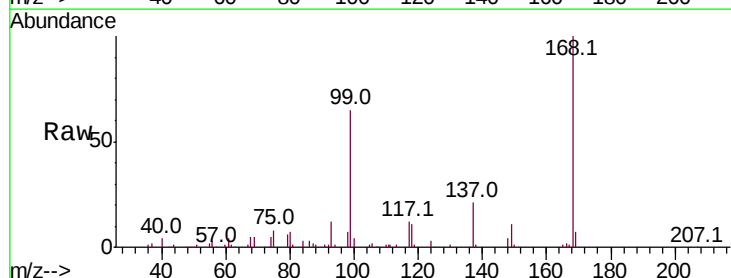
Instrument :
 MSVOA_D
 ClientSampleId :
 KTS-SB-02-1-2

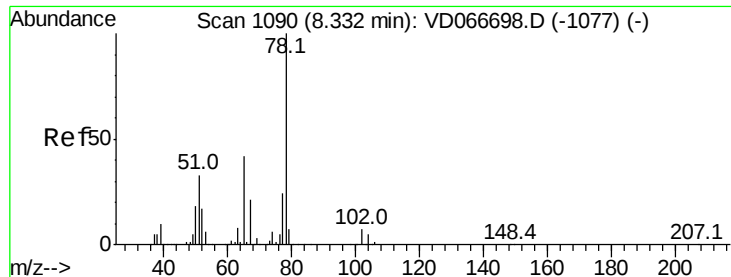
Tot Ion: 43 Resp: 3690
 Ion Ratio Lower Upper
 43 100
 72 24.5 21.0 31.4



#31
 Cyclohexane
 Concen: 1.551 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VD066750.D
 Acq: 17 Sep 2020 17:50

Tgt Ion: 56 Resp: 5287
 Ion Ratio Lower Upper
 56 100
 69 157.3 27.7 41.5#
 84 103.0 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 64.787 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066750.D

Acq: 17 Sep 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

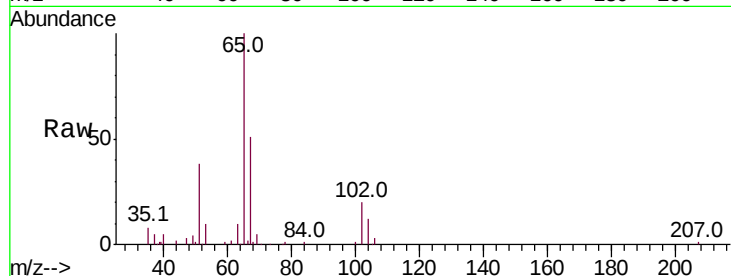
KTS-SB-02-1-2

Tot Ion: 65 Resp: 124990

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

60000

50000

40000

30000

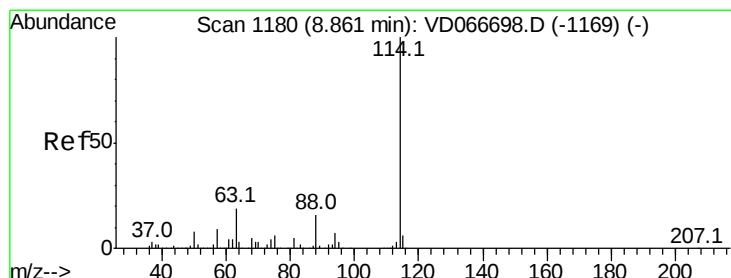
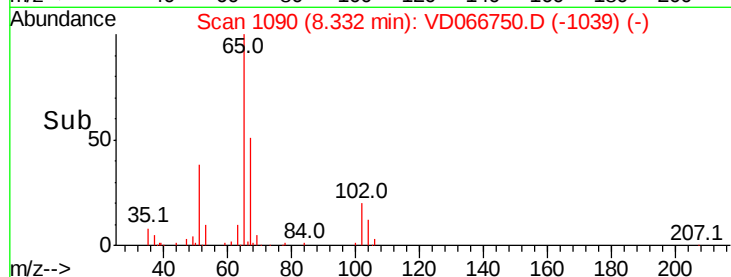
20000

10000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066750.D

Acq: 17 Sep 2020 17:50

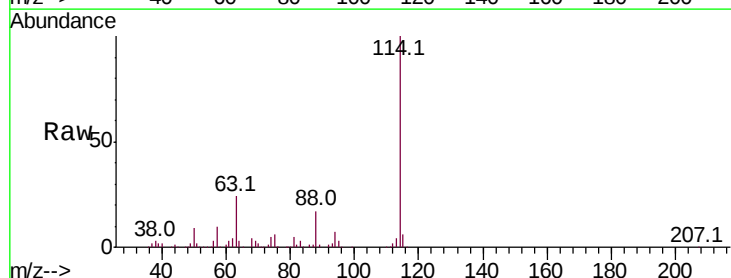
Tgt Ion:114 Resp: 311625

Ion Ratio Lower Upper

114 100

63 24.3 0.0 37.6

88 17.3 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

200000

150000

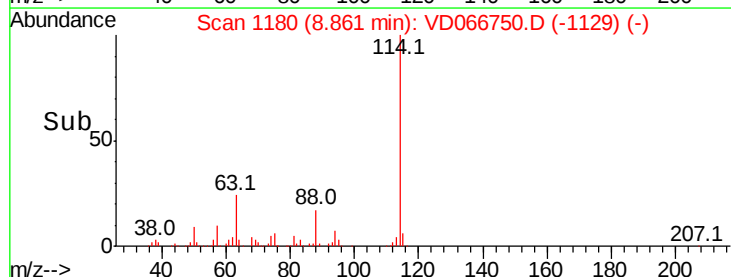
100000

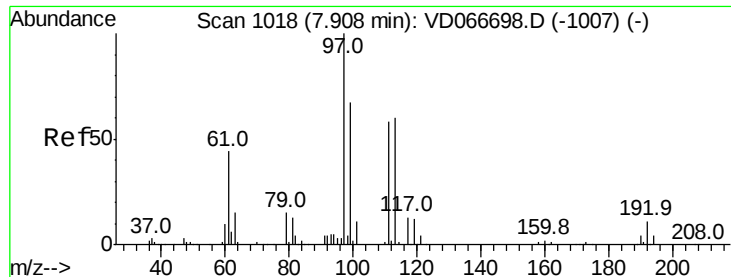
50000

0

8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 60.538 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066750.D

Acq: 17 Sep 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

KTS-SB-02-1-2

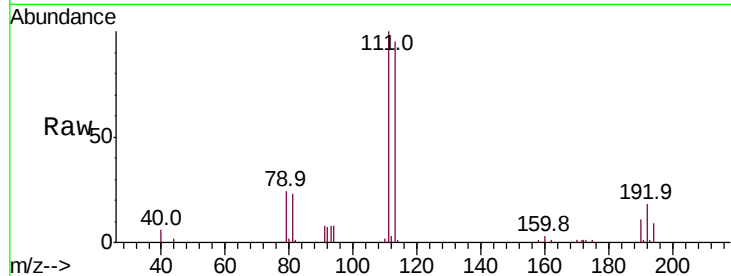
Tot Ion:113 Resp: 115662

Ion Ratio Lower Upper

113 100

111 104.1 83.2 124.8

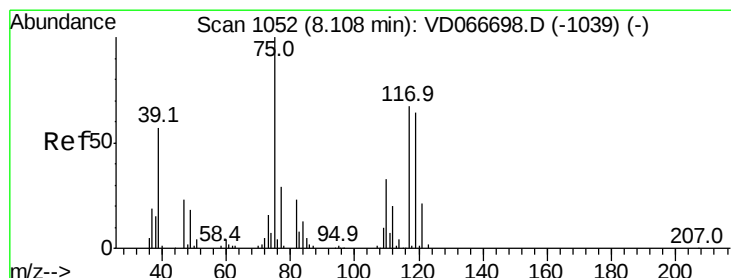
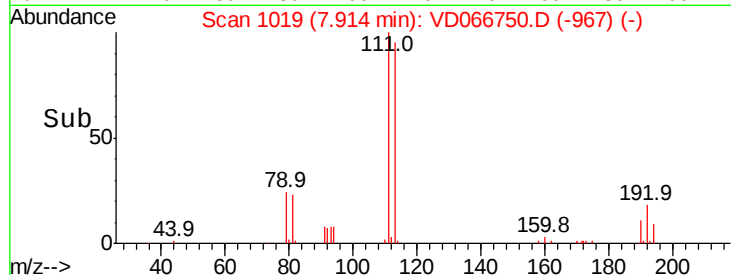
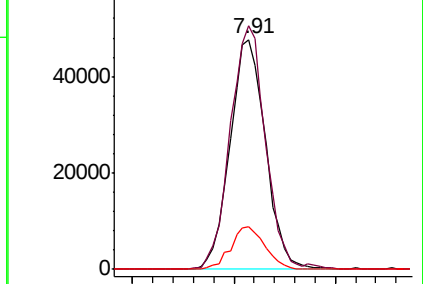
192 17.9 14.8 22.2



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: 4.920 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD066750.D

Acq: 17 Sep 2020 17:50

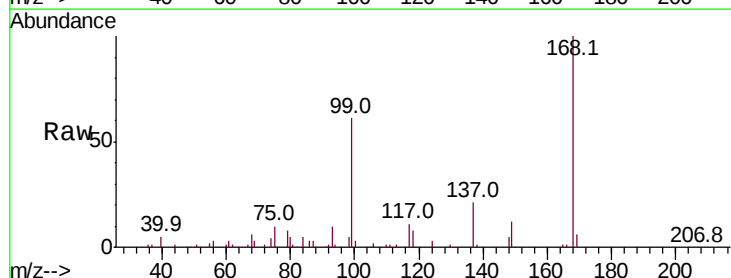
Tgt Ion: 75 Resp: 15762

Ion Ratio Lower Upper

75 100

110 12.5 17.1 51.2#

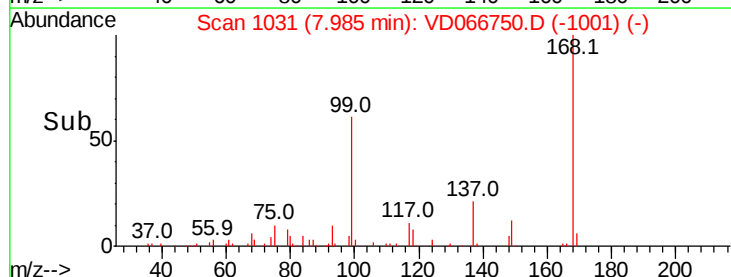
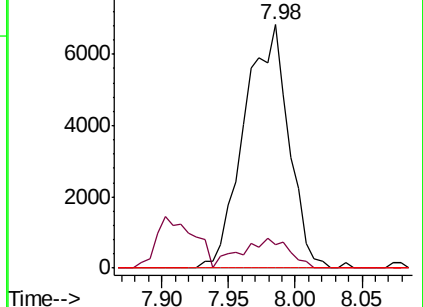
77 0.0 25.0 37.6#

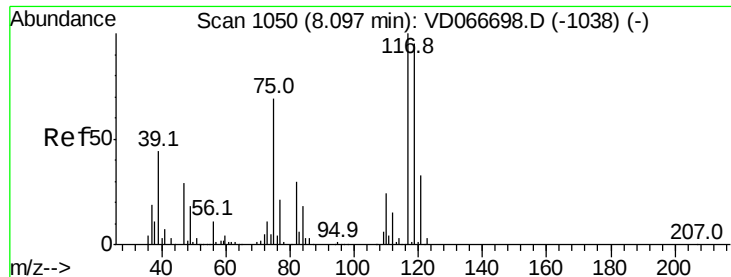


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.038 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD066750.D

Acq: 17 Sep 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

KTS-SB-02-1-2

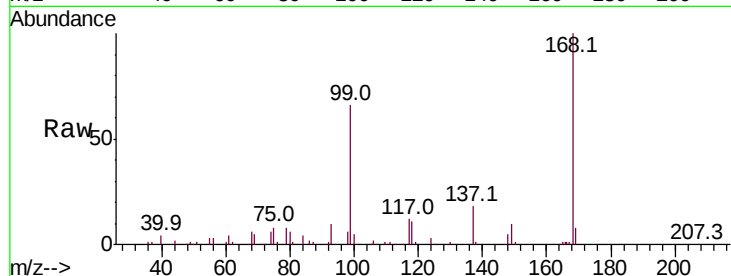
Tot Ion:117 Resp: 20543

Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

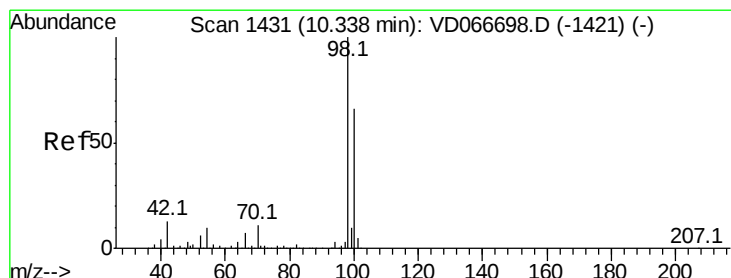
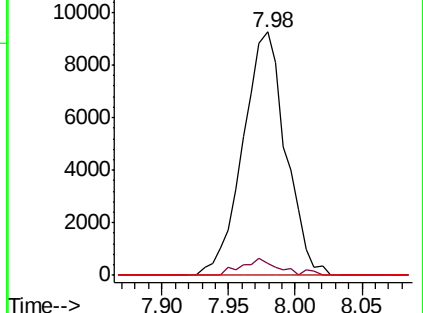
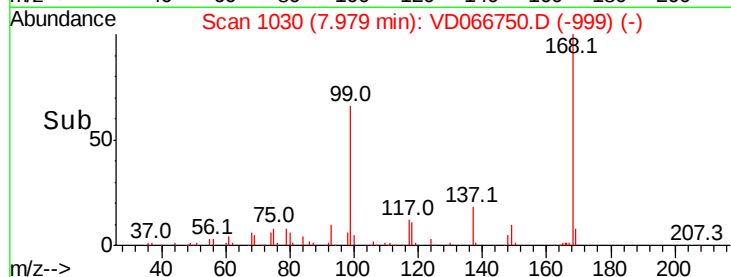
121 0.0 26.2 39.4#



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: 54.648 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066750.D

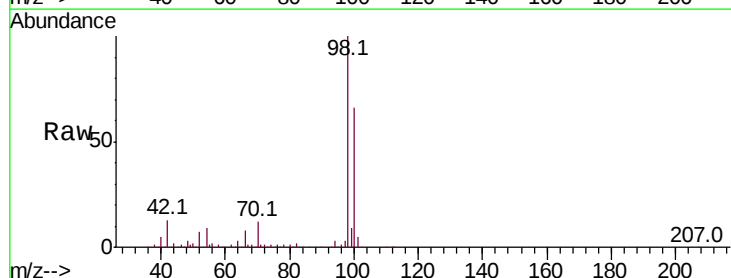
Acq: 17 Sep 2020 17:50

Tgt Ion: 98 Resp: 371983

Ion Ratio Lower Upper

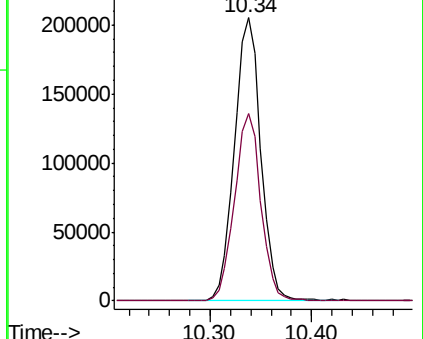
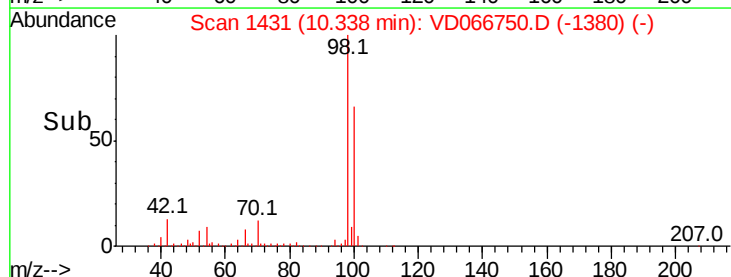
98 100

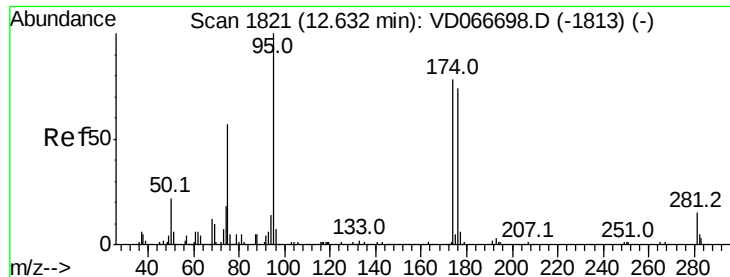
100 66.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

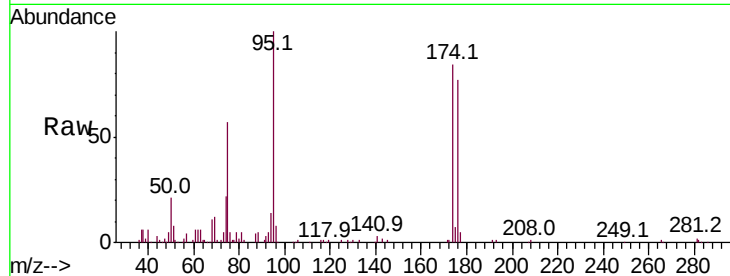




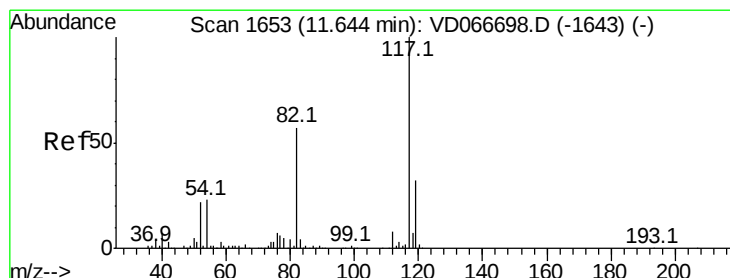
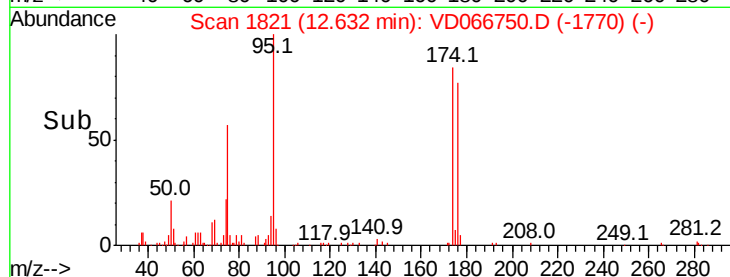
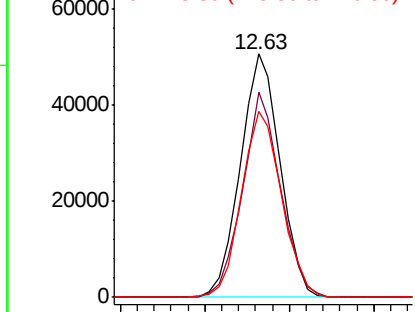
#62
4-Bromofluorobenzene
Concen: 35.105 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066750.D
Acq: 17 Sep 2020 17:50

Instrument :
MSVOA_D
ClientSampleId :
KTS-SB-02-1-2

Tot Ion: 95 Resp: 82484
Ion Ratio Lower Upper
95 100
174 80.6 0.0 156.6
176 77.4 0.0 150.2

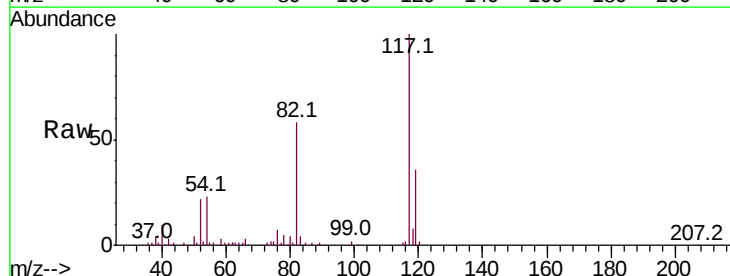


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

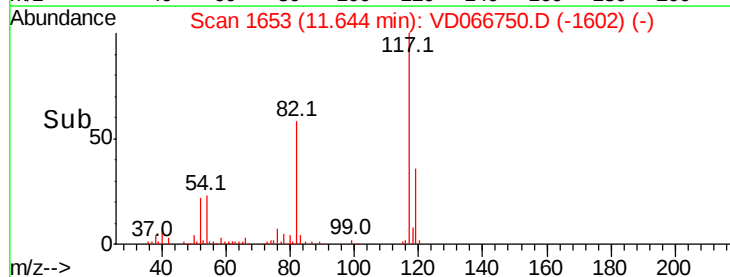
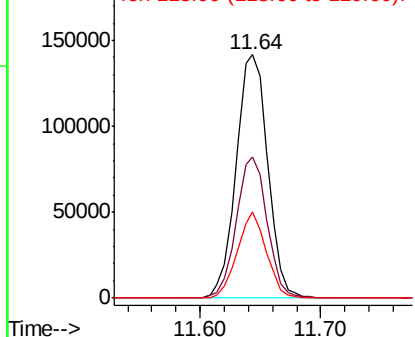


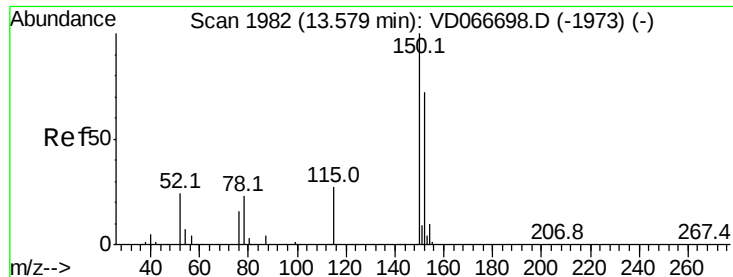
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066750.D
Acq: 17 Sep 2020 17:50

Tgt Ion: 117 Resp: 259181
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.0
119 35.5 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066750.D

Acq: 17 Sep 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

KTS-SB-02-1-2

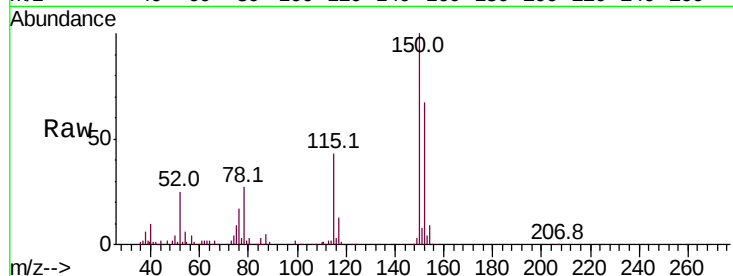
Tot Ion:152 Resp: 65395

Ion Ratio Lower Upper

152 100

115 60.5 30.5 91.5

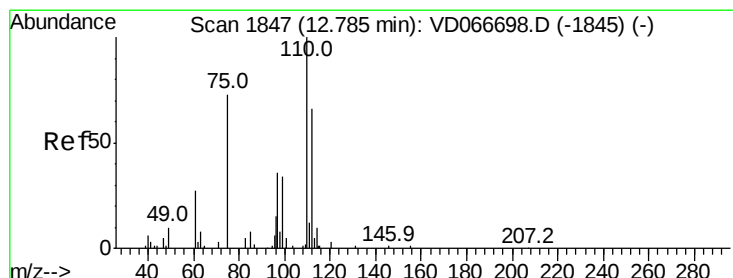
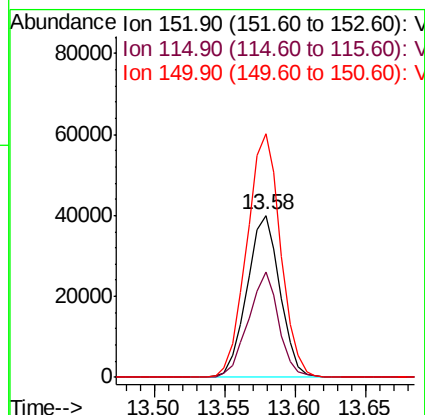
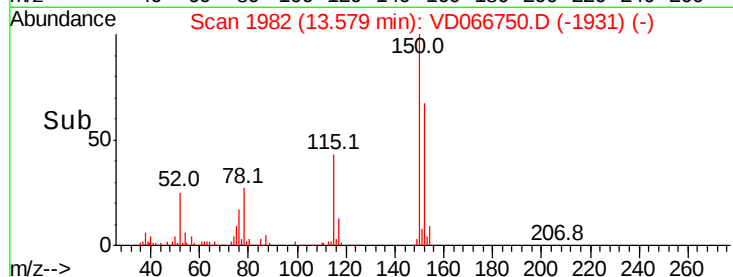
150 154.2 0.0 344.6



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: 86.649 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066750.D

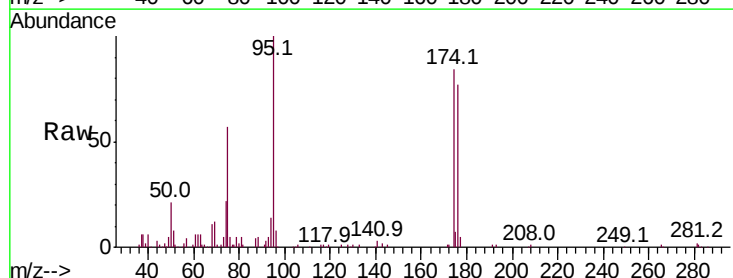
Acq: 17 Sep 2020 17:50

Tgt Ion: 75 Resp: 48502

Ion Ratio Lower Upper

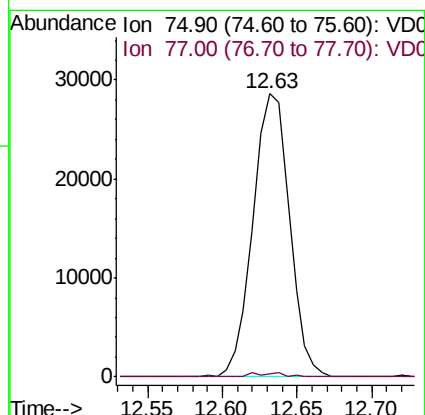
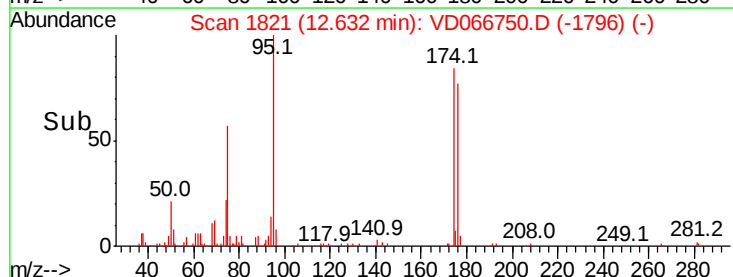
75 100

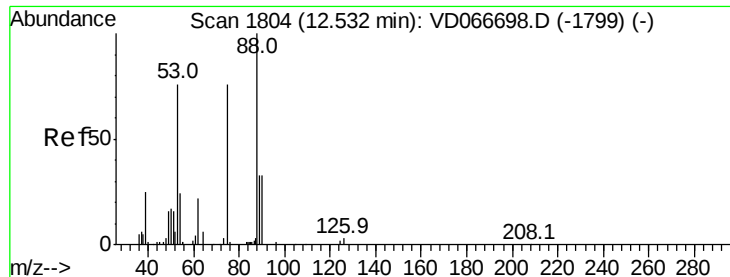
77 1.1 0.0 0.0#



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: 187.003 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066750.D

Acq: 17 Sep 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

KTS-SB-02-1-2

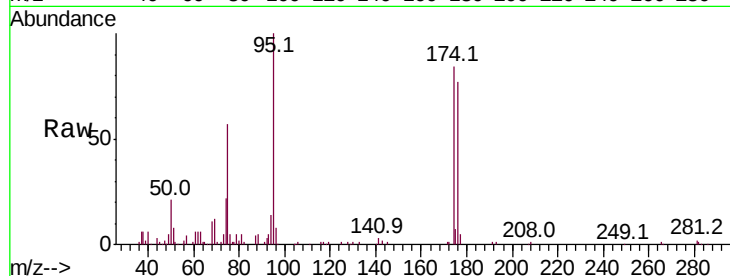
Tot Ion: 75 Resp: 48502

Ion Ratio Lower Upper

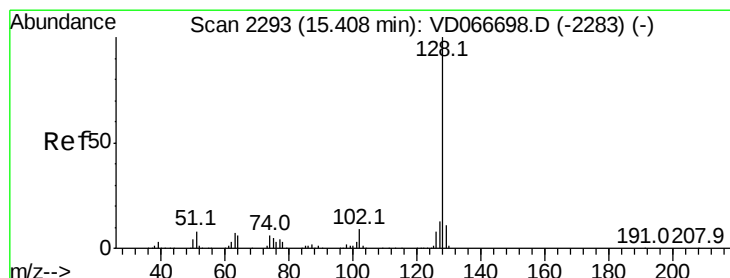
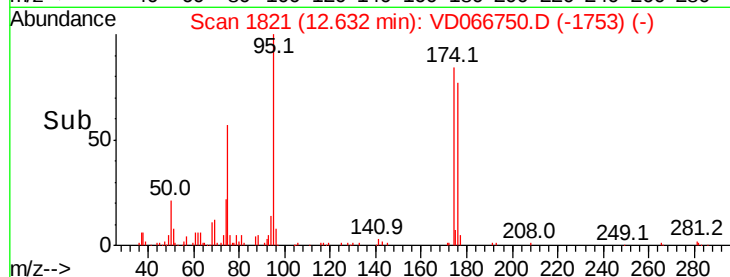
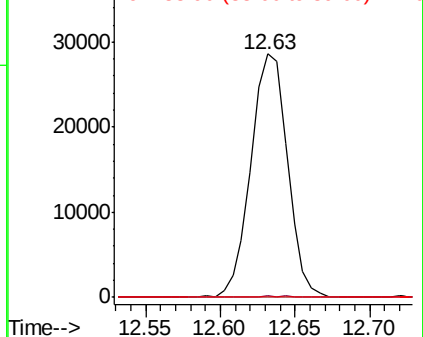
75 100

53 0.2 82.2 123.4#

89 0.0 39.6 59.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#95

Naphthalene

Concen: 2.084 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066750.D

Acq: 17 Sep 2020 17:50

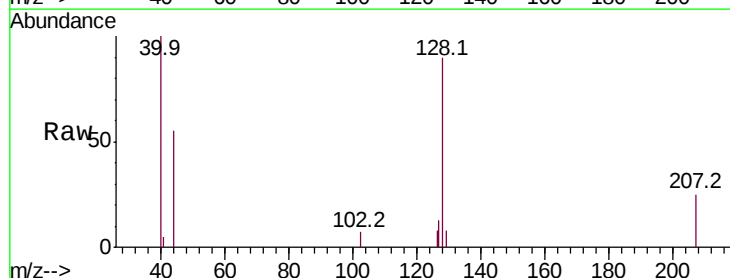
Tgt Ion: 128 Resp: 4074

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 5.9 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

