

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066789.D
 Acq On : 21 Sep 2020 18:10
 Operator : VA/SY
 Sample : L4051-01RE
 Misc : 7.62G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Sep 22 00:55:33 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	295877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	512570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	410518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	91441	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	180649	57.22	ug/l	0.00
Spiked Amount			Recovery	=	114.44%	
35) Dibromofluoromethane	7.91	113	182315	58.02	ug/l	0.00
Spiked Amount			Recovery	=	116.04%	
50) Toluene-d8	10.34	98	596887	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.63	95	131909	34.13	ug/l	0.00
Spiked Amount			Recovery	=	68.26%	

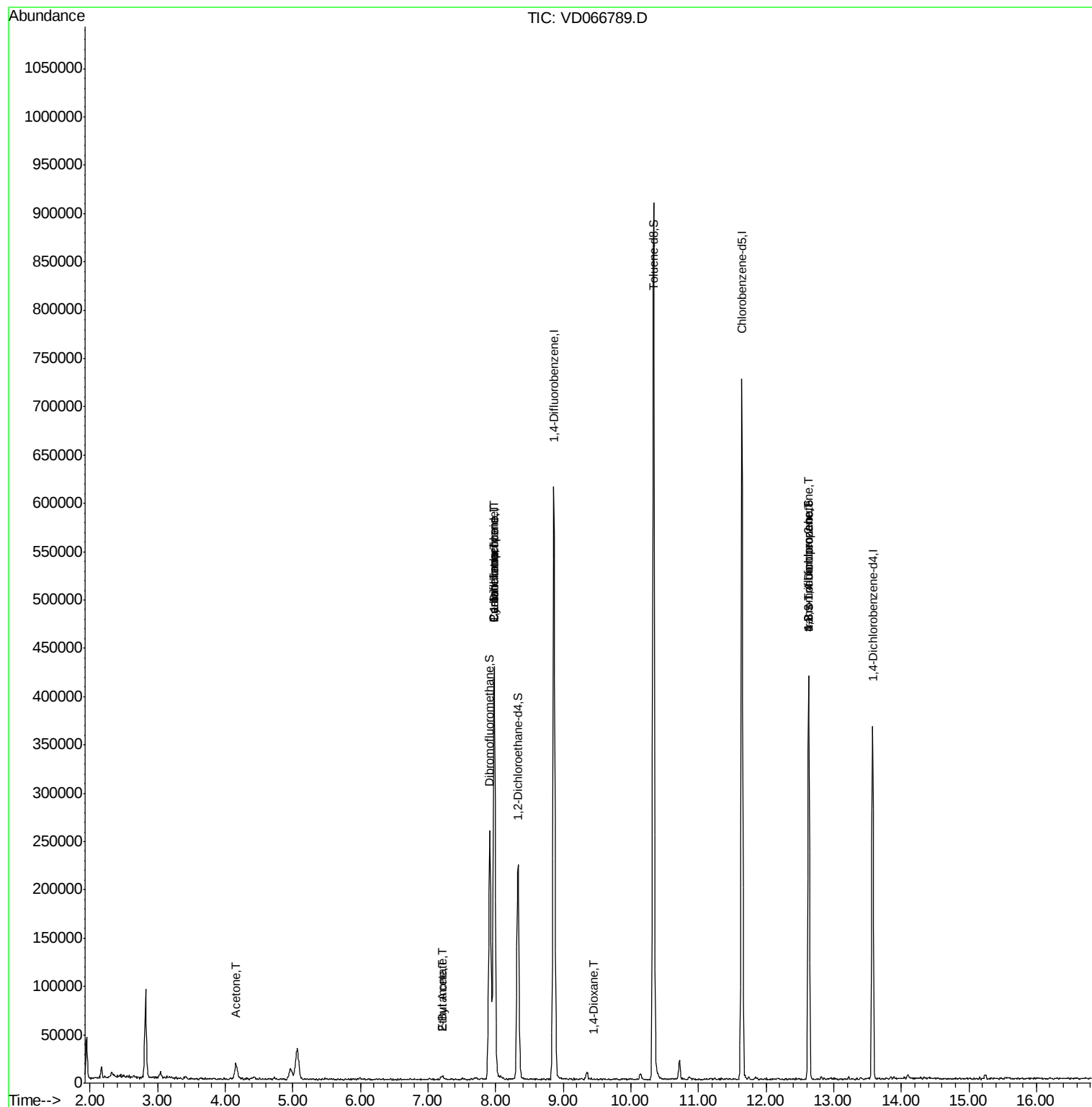
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	408	Below Cal	#	43
11) Tert butyl alcohol	5.20	59	62	Below Cal	#	76
16) Acetone	4.16	43	28537	44.391	ug/l	92
18) Methyl Acetate	4.71	43	2153	Below Cal	#	52
20) Methylene Chloride	4.96	84	9193	Below Cal	#	77
25) 2-Butanone	7.21	43	3899	4.658	ug/l #	70
31) Cyclohexane	7.98	56	9036	1.620	ug/l #	47
36) 1,1-Dichloropropene	7.97	75	26338	4.998	ug/l #	51
37) Ethyl Acetate	7.21	43	3899	1.954	ug/l #	70
38) Carbon Tetrachloride	7.97	117	31642	5.654	ug/l #	17
49) 1,4-Dioxane	9.45	88	61	2.940	ug/l #	12
76) 1,2,3-Trichloropropane	12.63	75	68323	87.292	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	68323	188.390	ug/l #	8

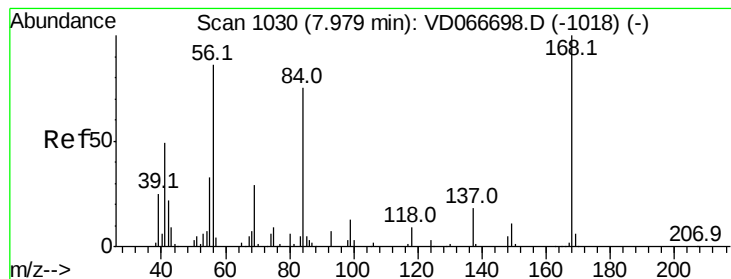
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092120\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066789.D

Acq: 21 Sep 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

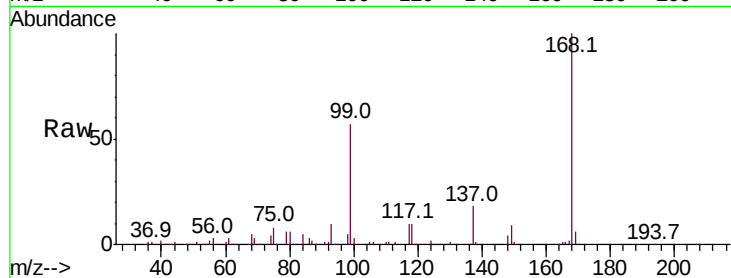
KTS-SB-02-1-2RE

Tot Ion:168 Resp: 295877

Ion Ratio Lower Upper

168 100

99 56.6 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

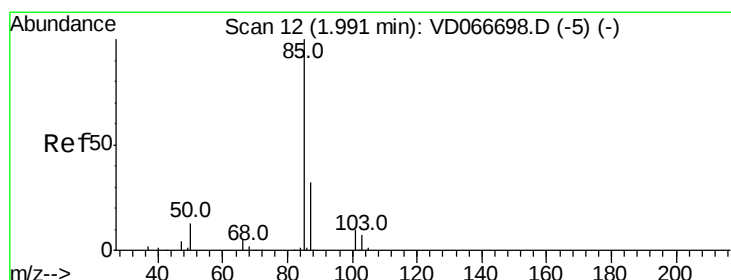
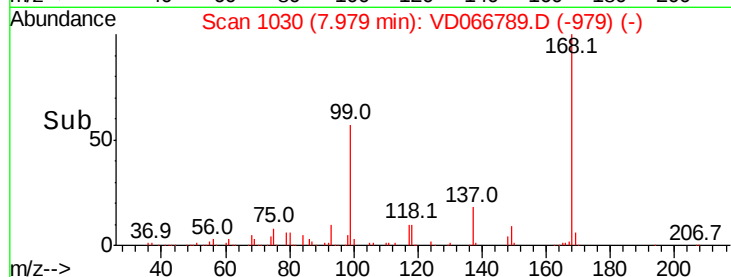
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD066789.D

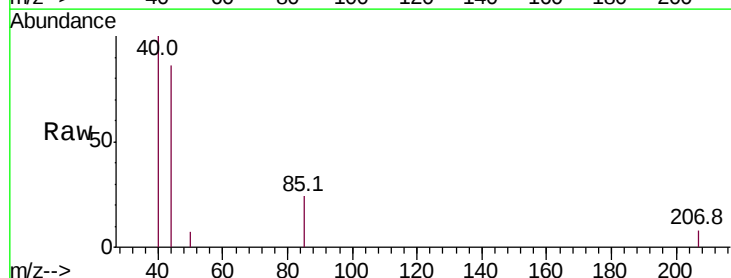
Acq: 21 Sep 2020 18:10

Tgt Ion: 85 Resp: 408

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

600

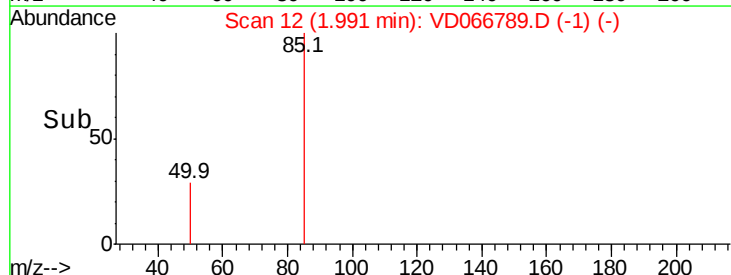
400

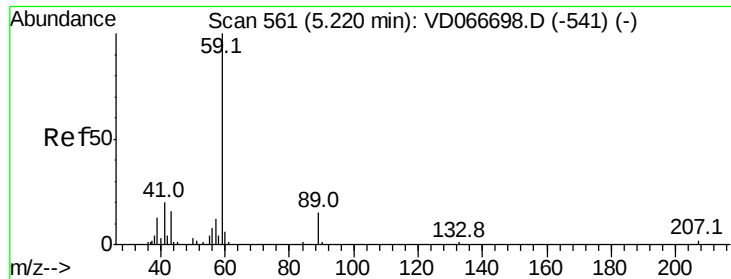
200

0

1.96 1.98 2.00 2.02

Time-->

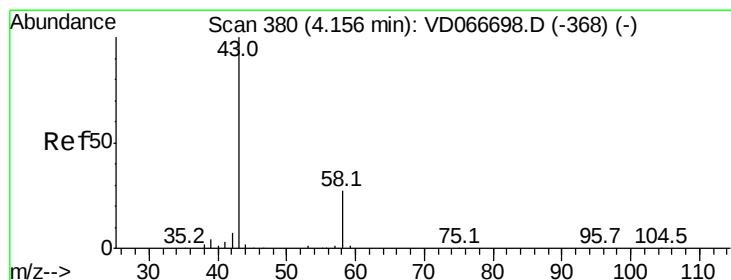
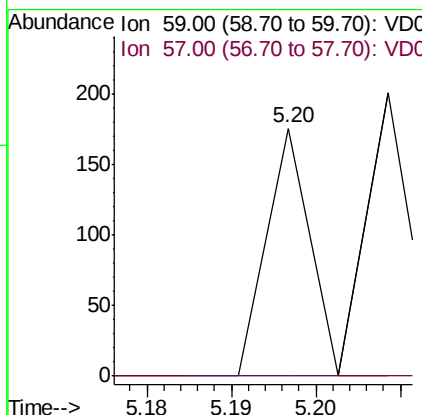
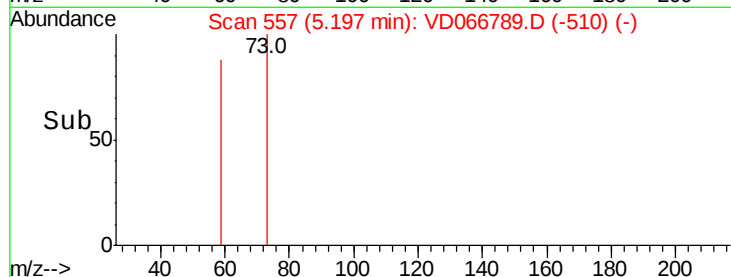
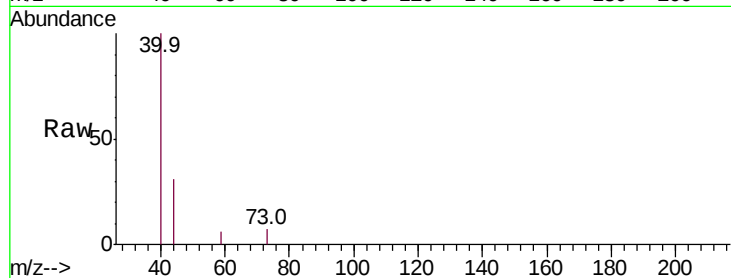




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.20 min Scan# 557
Delta R.T. -0.02 min
Lab File: VD066789.D
Acq: 21 Sep 2020 18:10

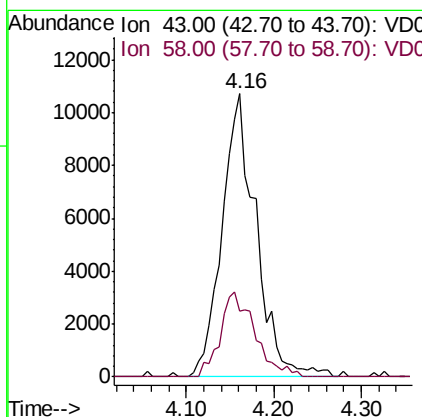
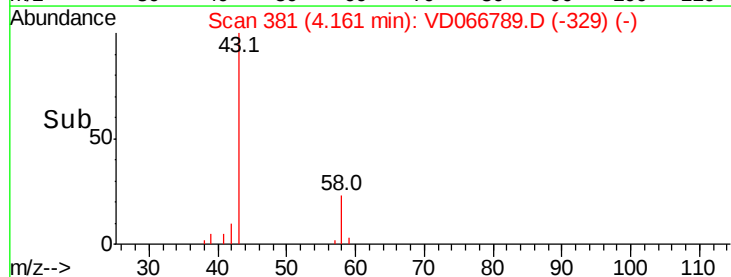
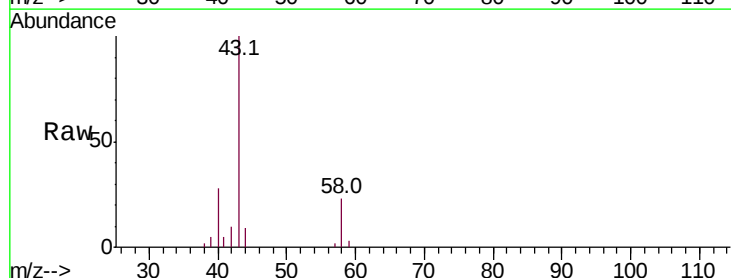
Instrument :
MSVOA_D
ClientSampleId :
KTS-SB-02-1-2RE

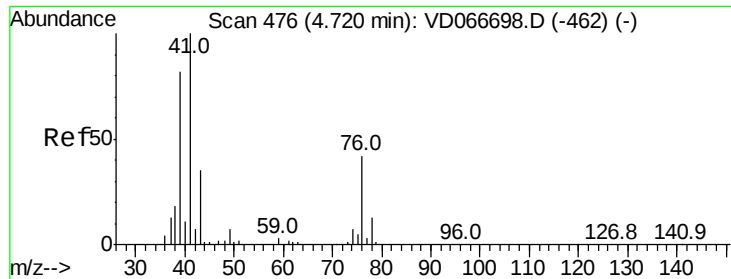
Tot Ion: 59 Resp: 62
Ion Ratio Lower Upper
59 100
57 0.0 6.7 10.1#



#16
Acetone
Concen: 44.391 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066789.D
Acq: 21 Sep 2020 18:10

Tgt Ion: 43 Resp: 28537
Ion Ratio Lower Upper
43 100
58 23.1 21.9 32.9

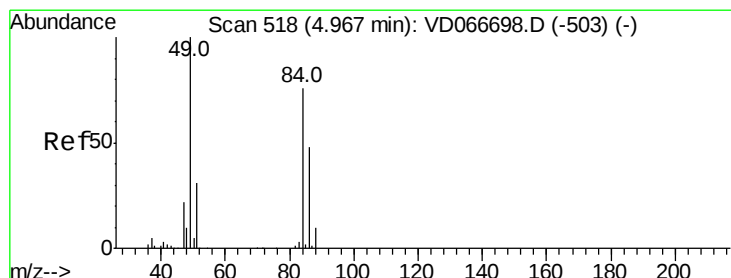
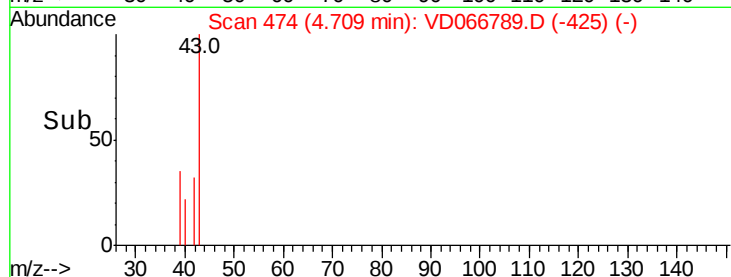
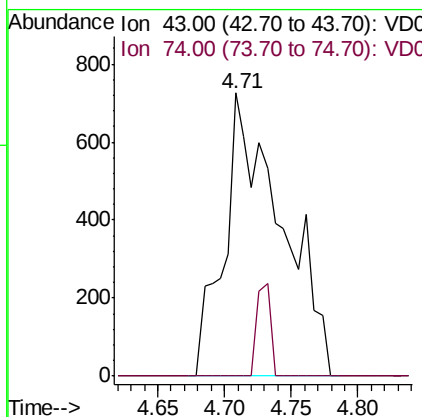
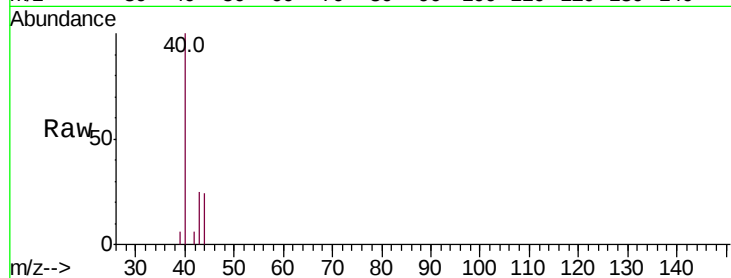




#18
Methyl Acetate
Concen: Below Cal
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066789.D
Acq: 21 Sep 2020 18:10

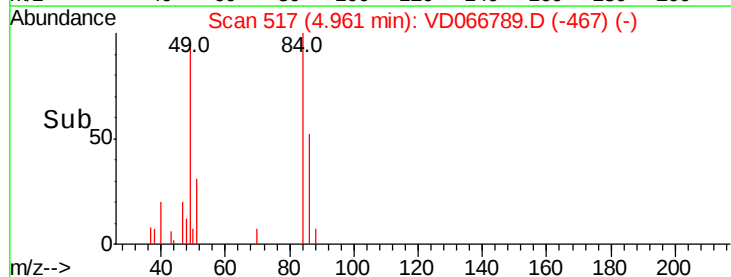
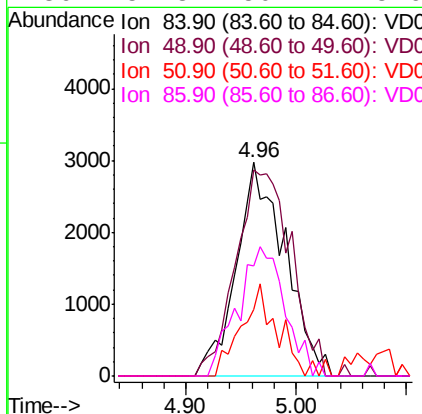
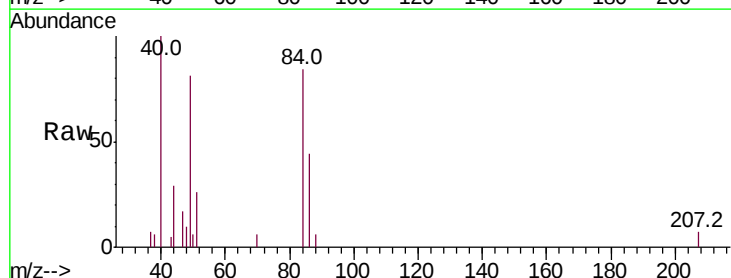
Instrument :
MSVOA_D
ClientSampleId :
KTS-SB-02-1-2RE

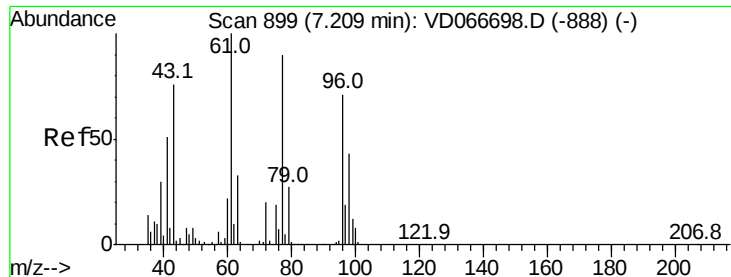
Tot Ion: 43 Resp: 2153
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066789.D
Acq: 21 Sep 2020 18:10

Tgt Ion: 84 Resp: 9193
Ion Ratio Lower Upper
84 100
49 96.4 105.0 157.6#
51 31.1 32.2 48.4#
86 51.8 50.4 75.6





#25

2-Butanone

Concen: 4.658 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066789.D

Acq: 21 Sep 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

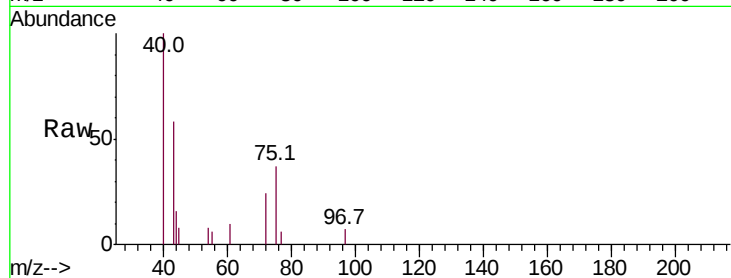
KTS-SB-02-1-2RE

Tot Ion: 43 Resp: 3899

Ion Ratio Lower Upper

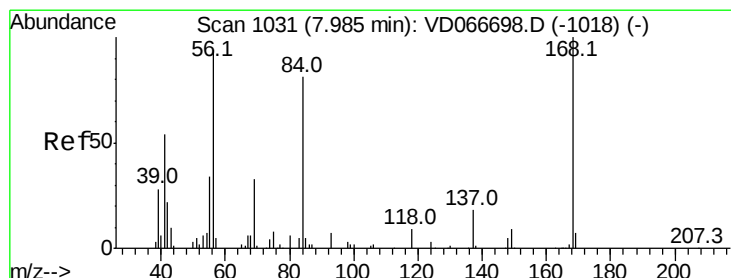
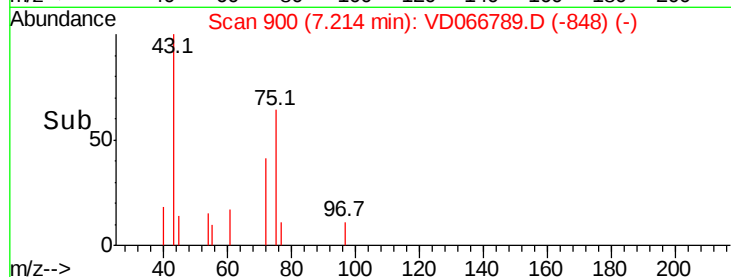
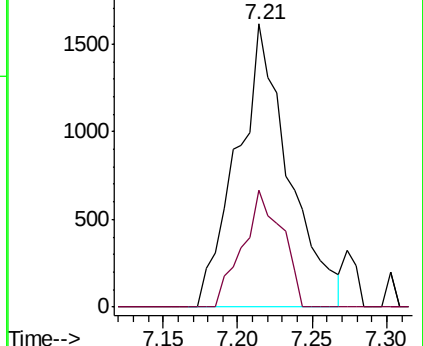
43 100

72 41.3 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.620 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066789.D

Acq: 21 Sep 2020 18:10

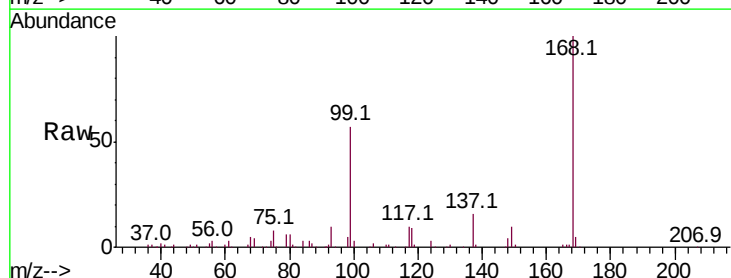
Tgt Ion: 56 Resp: 9036

Ion Ratio Lower Upper

56 100

69 115.1 27.7 41.5#

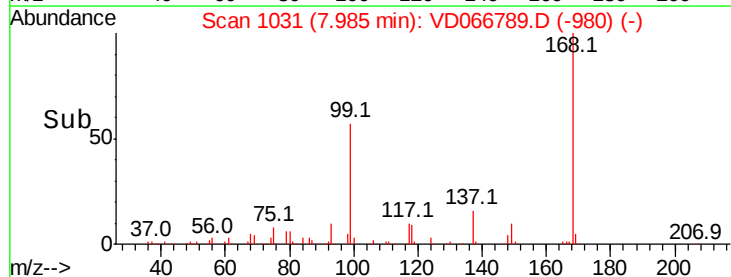
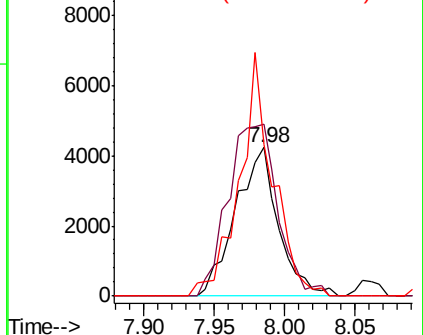
84 102.1 68.5 102.7

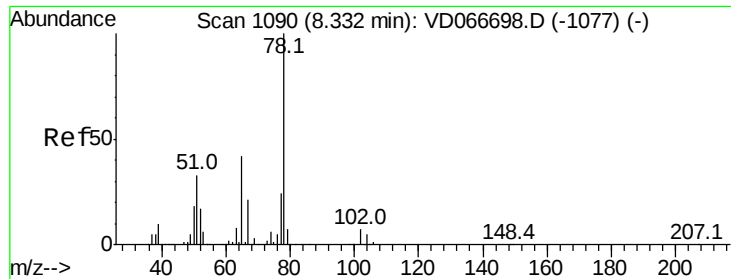


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 57.225 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066789.D

Acq: 21 Sep 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

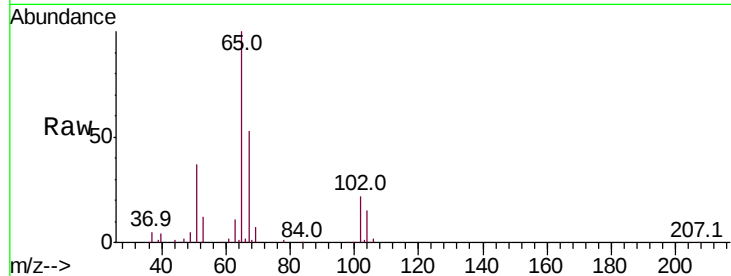
KTS-SB-02-1-2RE

Tot Ion: 65 Resp: 180649

Ion Ratio Lower Upper

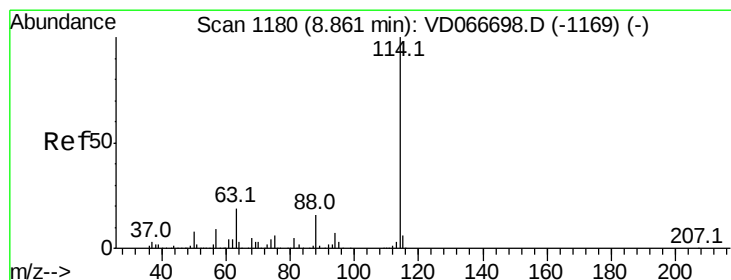
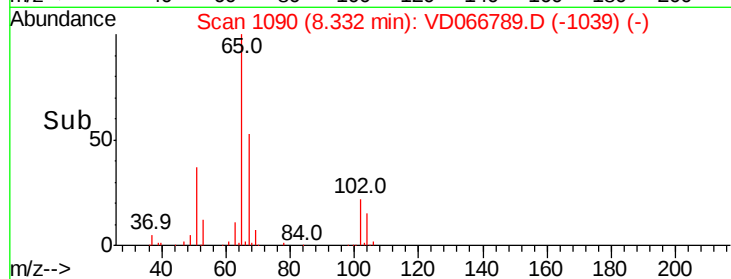
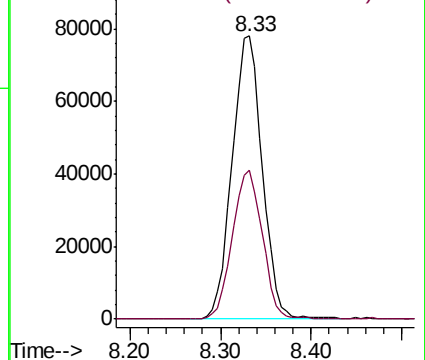
65 100

67 51.9 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066789.D

Acq: 21 Sep 2020 18:10

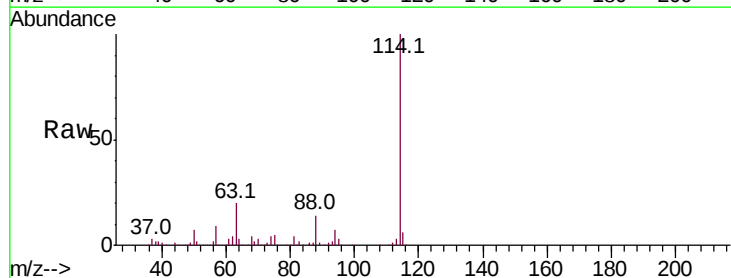
Tgt Ion: 114 Resp: 512570

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.6

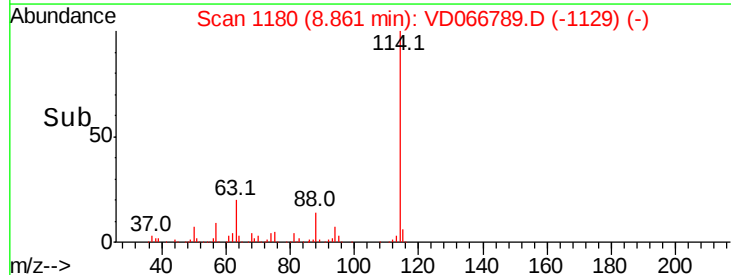
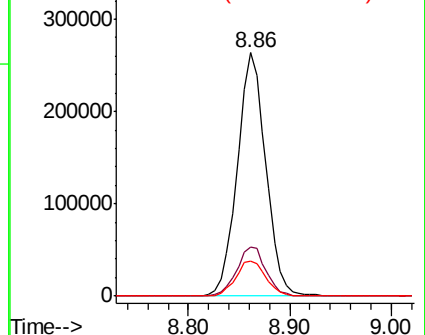
88 14.3 0.0 32.2

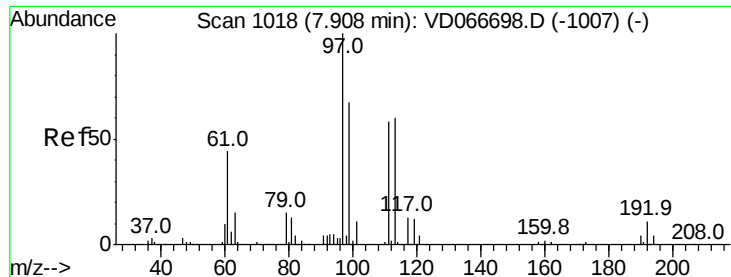


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

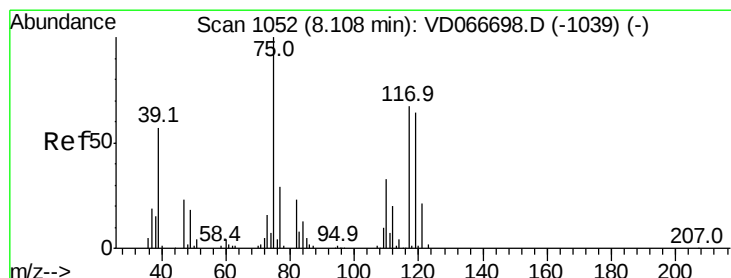
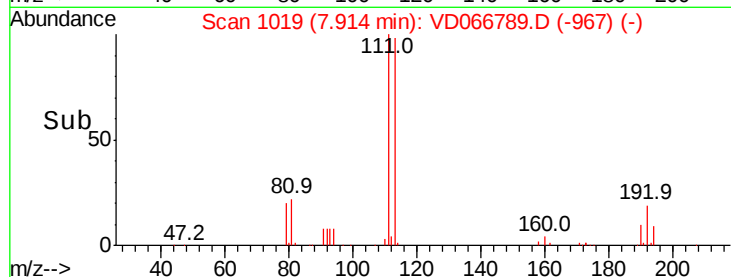
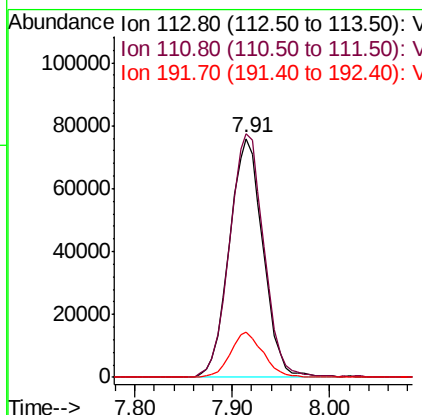
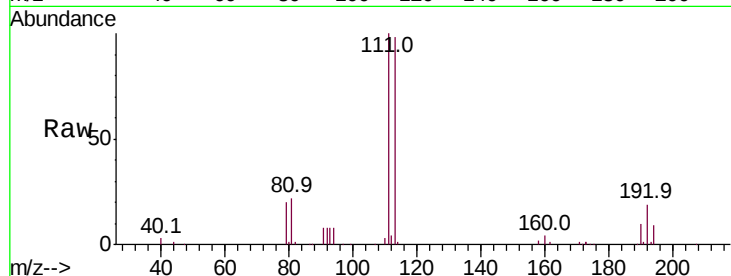




#35
 Dibromofluoromethane
 Concen: 58.015 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066789.D
 Acq: 21 Sep 2020 18:10

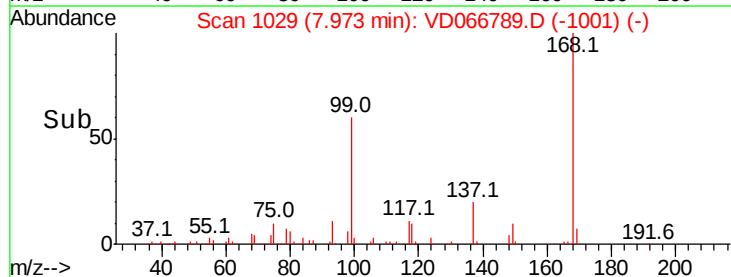
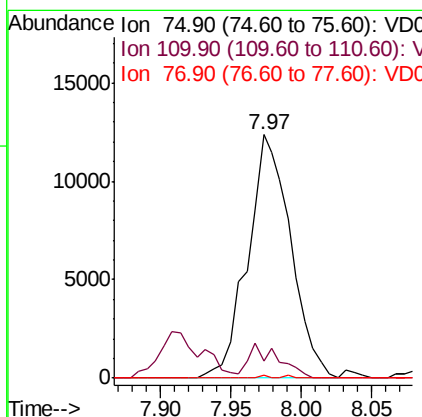
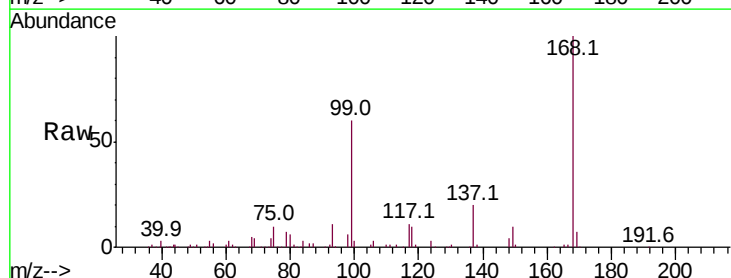
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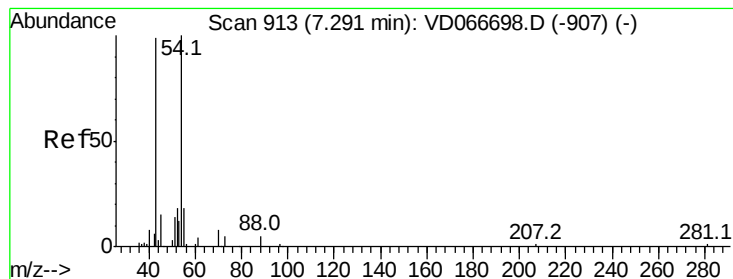
Tot Ion:113 Resp: 182315
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.2 124.8
 192 18.2 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.998 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066789.D
 Acq: 21 Sep 2020 18:10

Tgt Ion: 75 Resp: 26338
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.1 51.2#
 77 0.2 25.0 37.6#





#37

Ethyl Acetate

Concen: 1.954 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.08 min

Lab File: VD066789.D

Acq: 21 Sep 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

KTS-SB-02-1-2RE

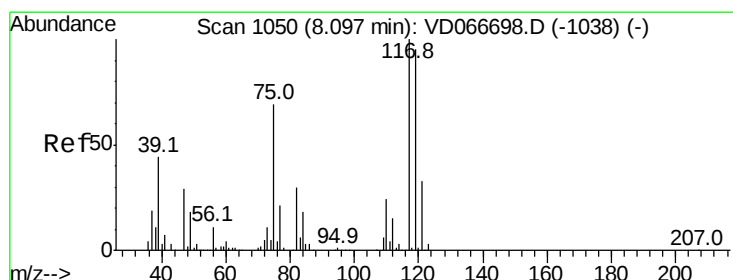
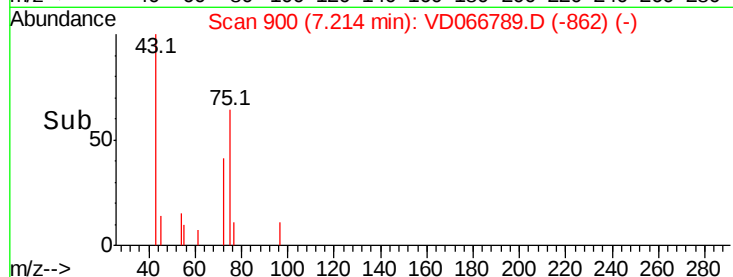
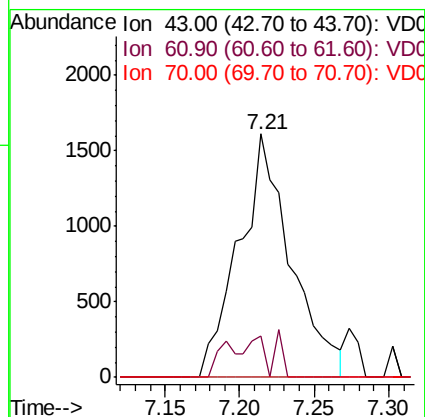
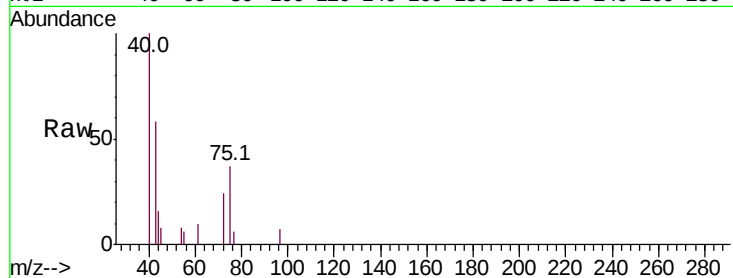
Tot Ion: 43 Resp: 3899

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

70 0.0 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 5.654 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066789.D

Acq: 21 Sep 2020 18:10

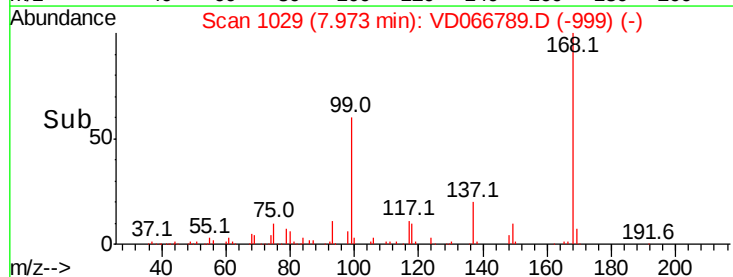
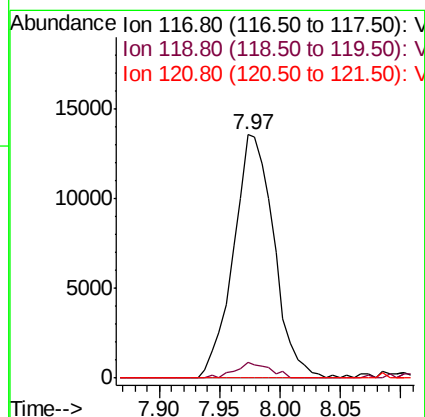
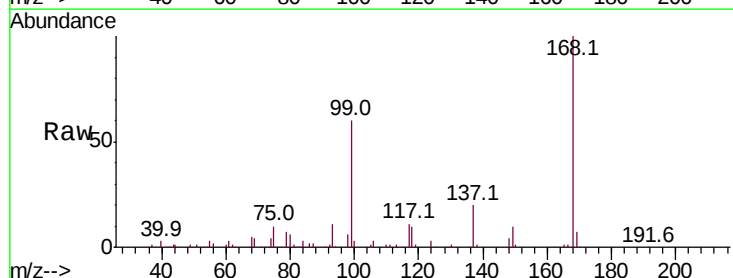
Tgt Ion: 117 Resp: 31642

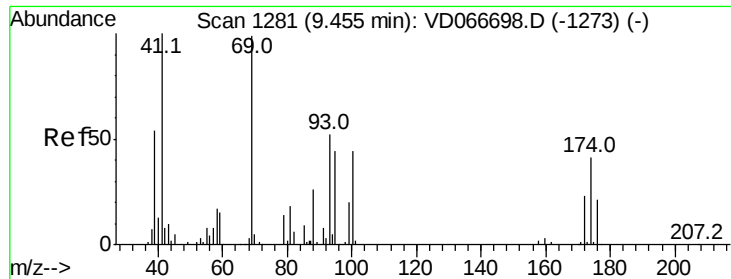
Ion Ratio Lower Upper

117 100

119 6.5 75.8 113.6#

121 0.0 26.2 39.4#





#49

1,4-Dioxane

Concen: 2.940 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066789.D

Acq: 21 Sep 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

KTS-SB-02-1-2RE

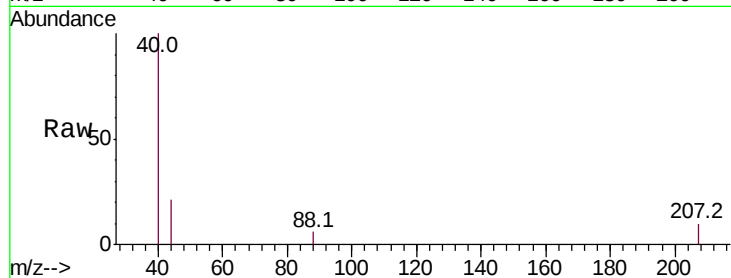
Tot Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 95.1 29.3 43.9#

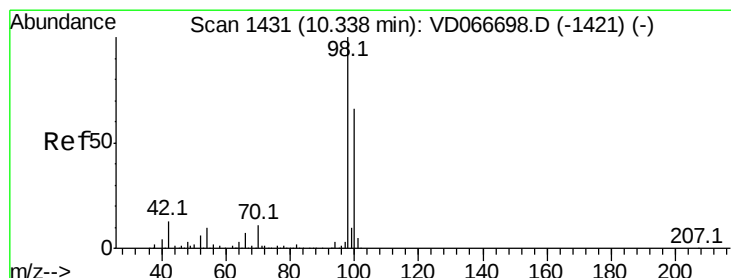
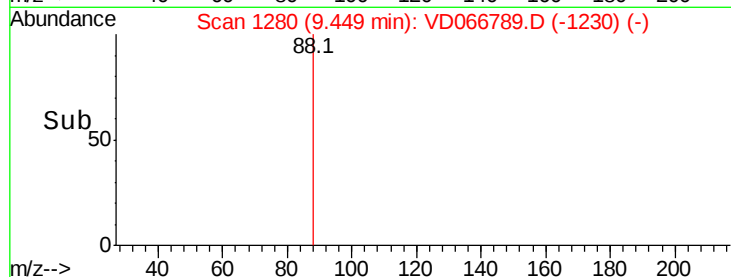
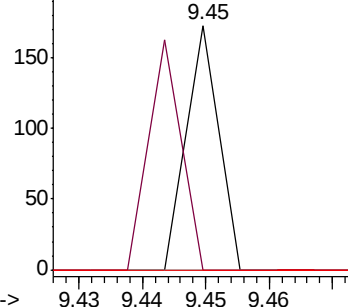
58 0.0 51.4 77.2#



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 53.312 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066789.D

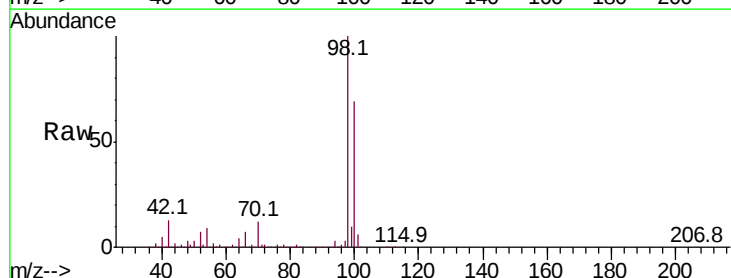
Acq: 21 Sep 2020 18:10

Tgt Ion: 98 Resp: 596887

Ion Ratio Lower Upper

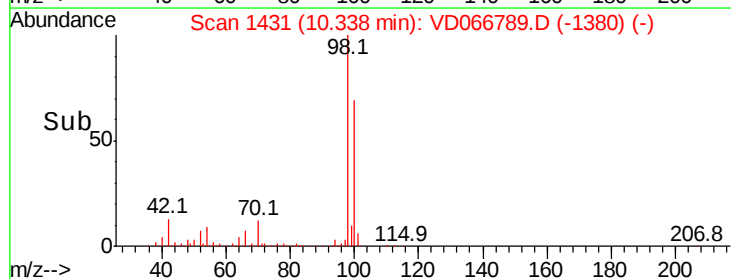
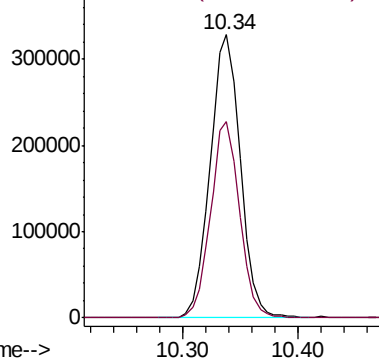
98 100

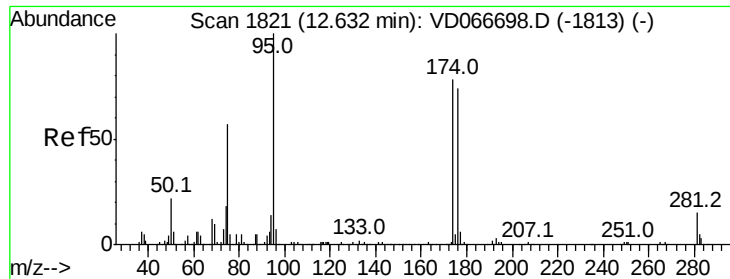
100 66.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

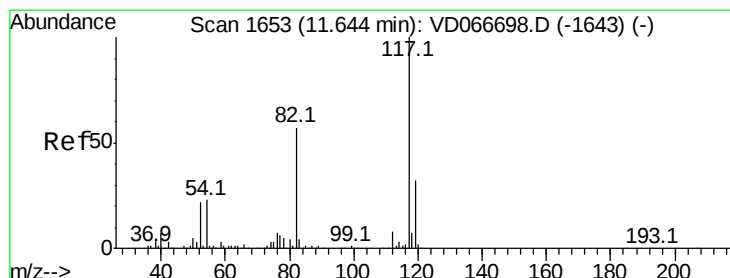
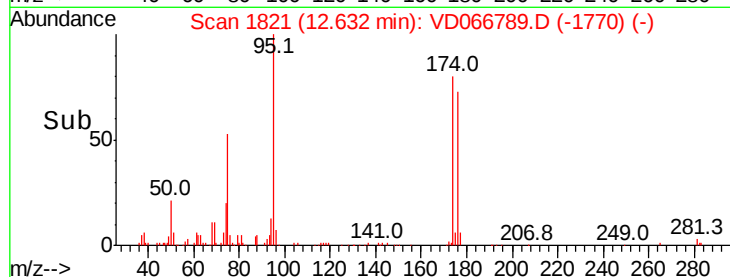
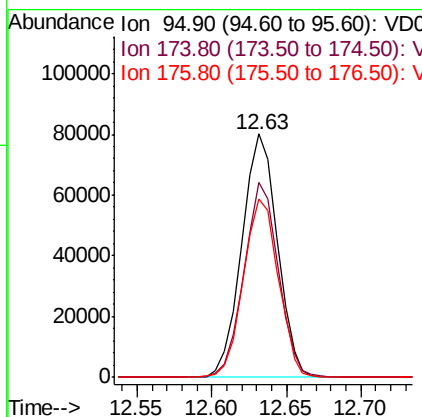
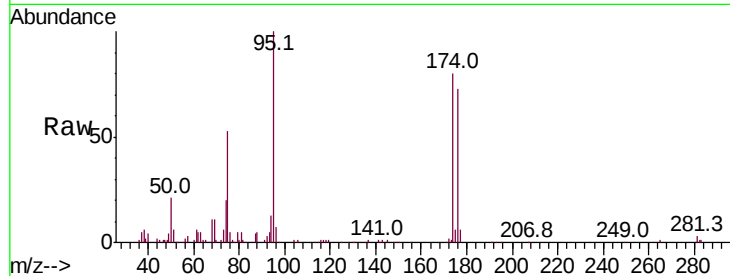




#62
4-Bromofluorobenzene
Concen: 34.131 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066789.D
Acq: 21 Sep 2020 18:10

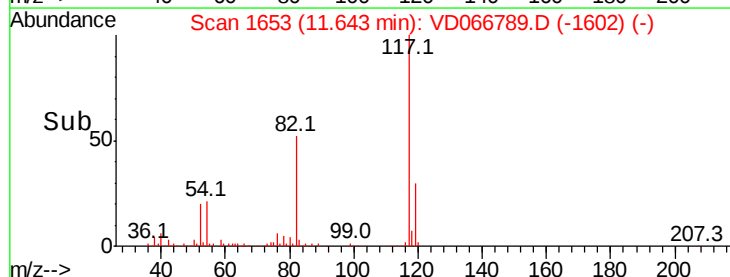
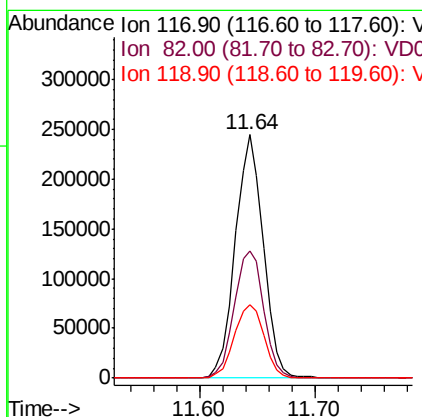
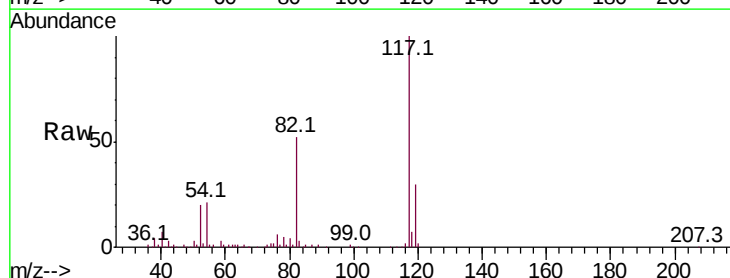
Instrument :
MSVOA_D
ClientSampleId :
KTS-SB-02-1-2RE

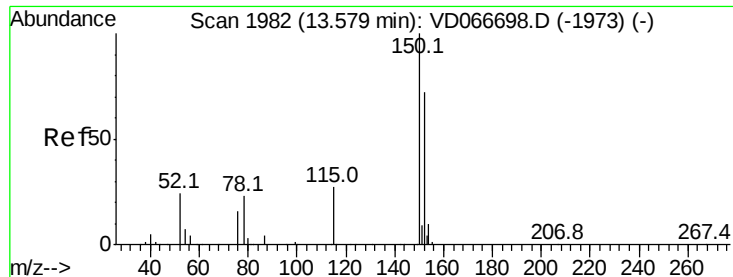
Tot Ion: 95 Resp: 131909
Ion Ratio Lower Upper
95 100
174 77.4 0.0 156.6
176 72.5 0.0 150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066789.D
Acq: 21 Sep 2020 18:10

Tgt Ion: 117 Resp: 410518
Ion Ratio Lower Upper
117 100
82 52.3 45.4 68.0
119 30.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066789.D

Acq: 21 Sep 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

KTS-SB-02-1-2RE

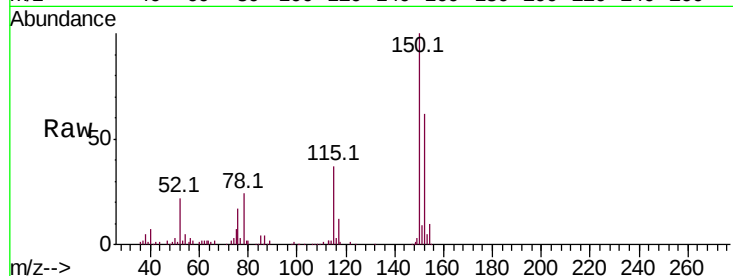
Tot Ion:152 Resp: 91441

Ion Ratio Lower Upper

152 100

115 61.2 30.5 91.5

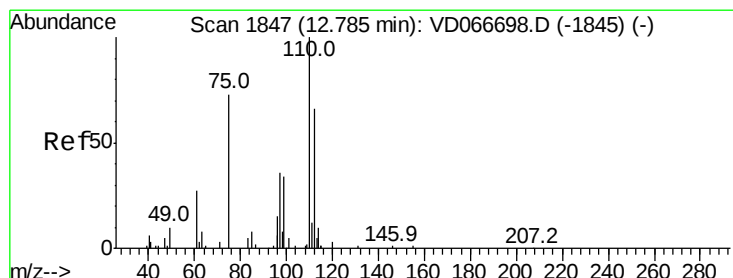
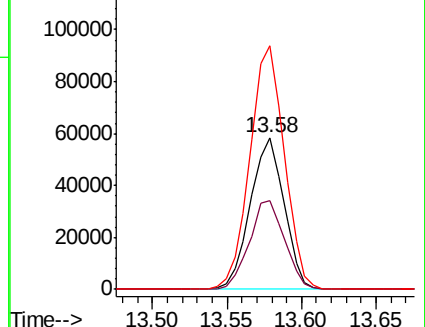
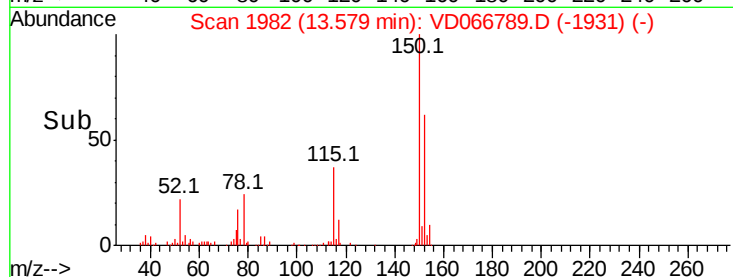
150 163.2 0.0 344.6



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: 87.292 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066789.D

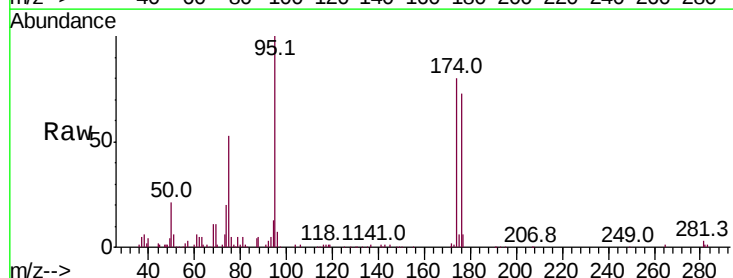
Acq: 21 Sep 2020 18:10

Tgt Ion: 75 Resp: 68323

Ion Ratio Lower Upper

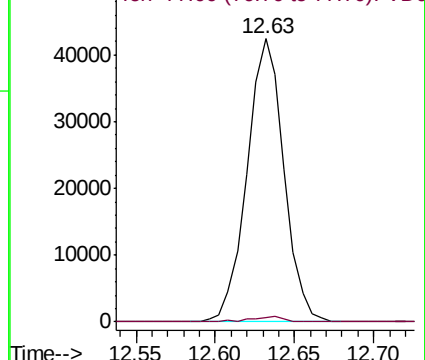
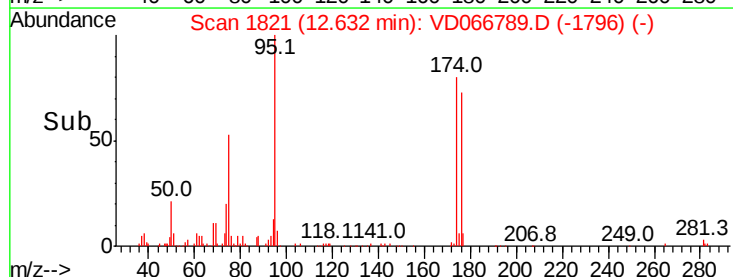
75 100

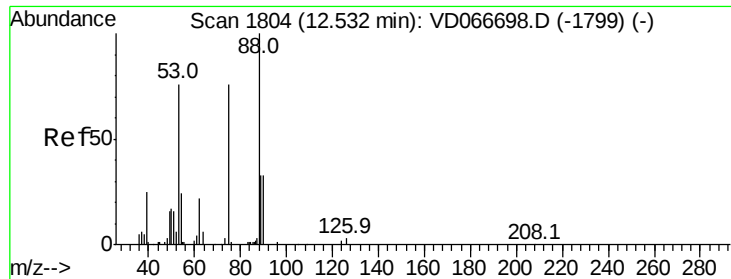
77 1.6 0.0 0.0#



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: 188.390 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066789.D

Acq: 21 Sep 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

KTS-SB-02-1-2RE

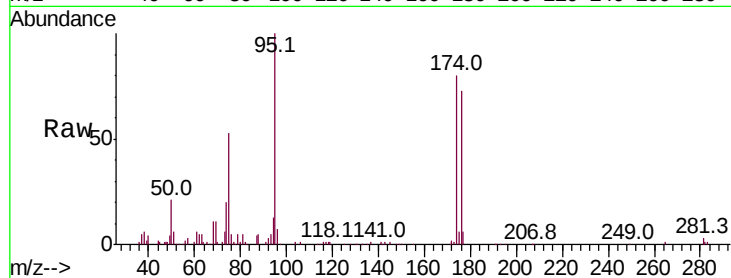
Tot Ion: 75 Resp: 68323

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

