

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
 Data File : VD066399.D
 Acq On : 25 Aug 2020 13:46
 Operator : VA/SY
 Sample : L3785-01
 Misc : 8.34G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-09

Quant Time: Aug 26 08:03:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	243206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	364482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	344561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	174294	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	123442	51.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.54%	
35) Dibromofluoromethane	7.91	113	113032	49.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.18%	
50) Toluene-d8	10.34	98	439296	52.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.63	95	162661	54.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.94%	

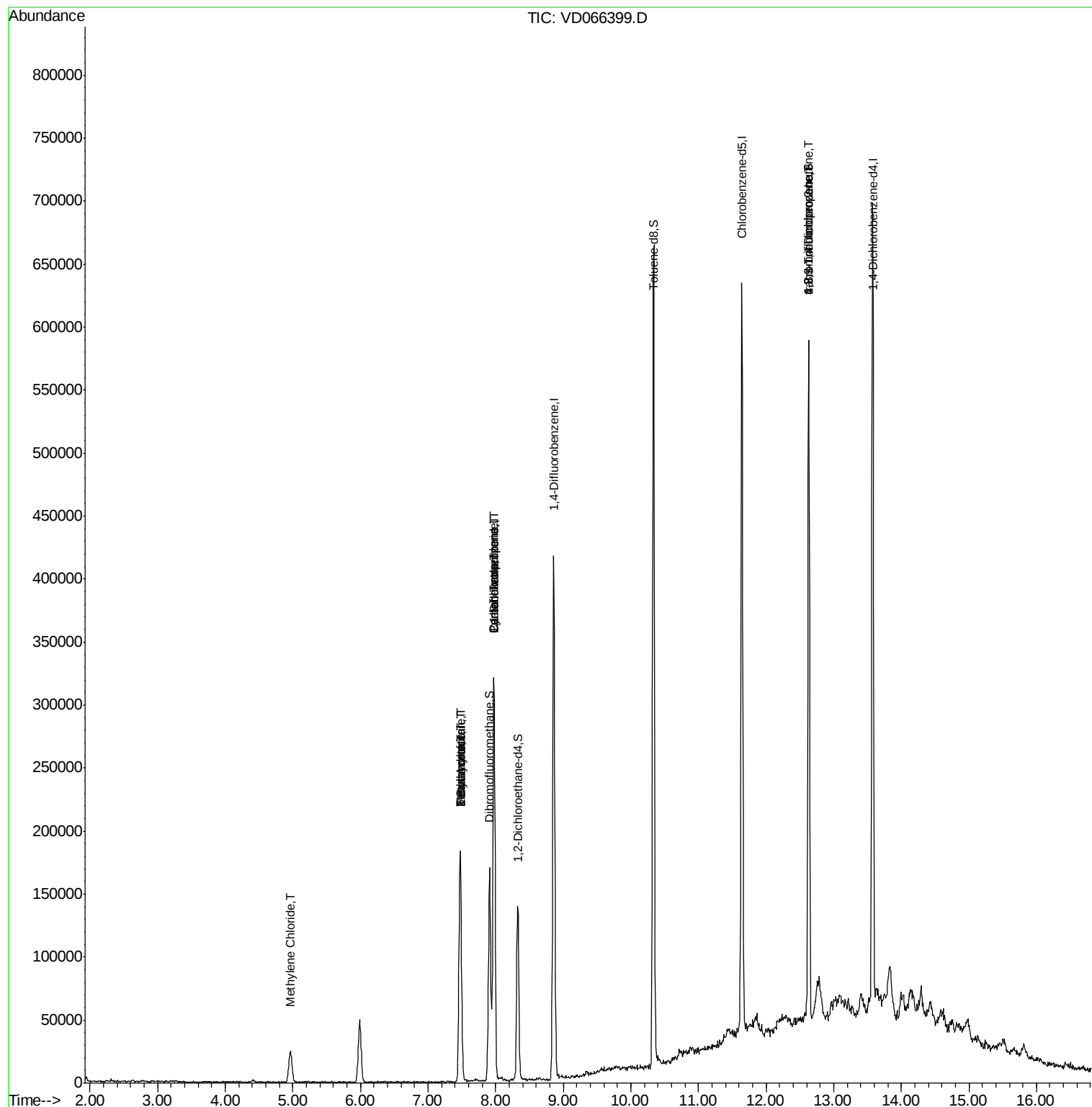
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	848	Below Cal	#	93
20) Methylene Chloride	4.96	84	19876	2.657	ug/l	90
25) 2-Butanone	7.47	43	116466	238.658	ug/l #	47
29) Tetrahydrofuran	7.47	42	24790	89.436	ug/l #	28
31) Cyclohexane	7.97	56	5400	1.631	ug/l #	47
36) 1,1-Dichloropropene	7.97	75	16560	4.979	ug/l #	56
37) Ethyl Acetate	7.47	43	140008	123.779	ug/l #	67
38) Carbon Tetrachloride	7.97	117	24047	5.550	ug/l #	15
41) Methacrylonitrile	7.47	41	99166	142.167	ug/l #	83
76) 1,2,3-Trichloropropane	12.63	75	89593	73.068	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	89593	155.099	ug/l #	7

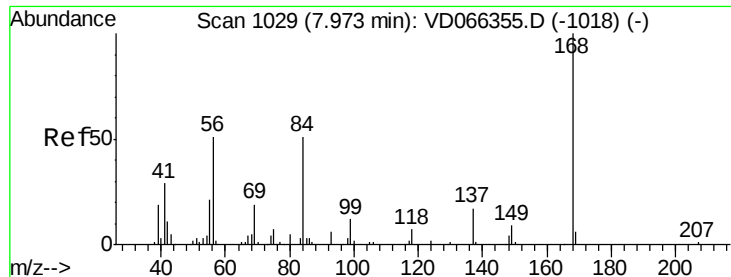
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082520\
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 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: VD066399.D

Acq: 25 Aug 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

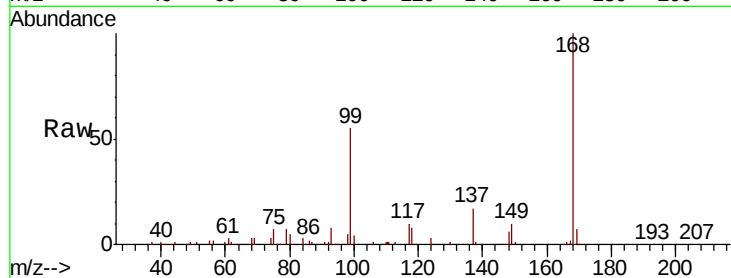
CHRT-09

Tot Ion:168 Resp: 243206

Ion Ratio Lower Upper

168 100

99 55.4 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

100000

80000

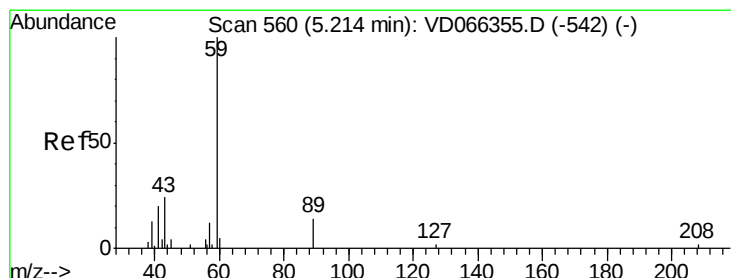
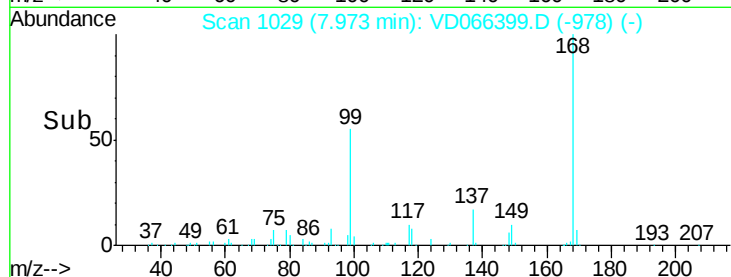
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD066399.D

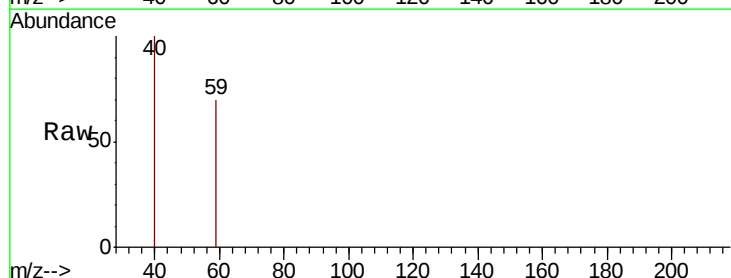
Acq: 25 Aug 2020 13:46

Tgt Ion: 59 Resp: 848

Ion Ratio Lower Upper

59 100

57 8.6 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

500

400

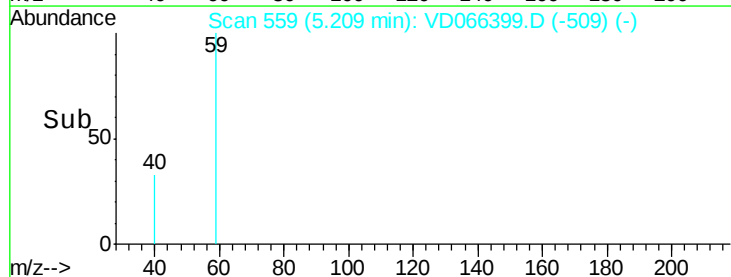
300

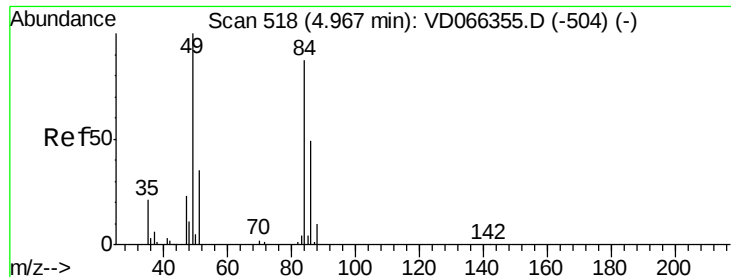
200

100

0

Time-->

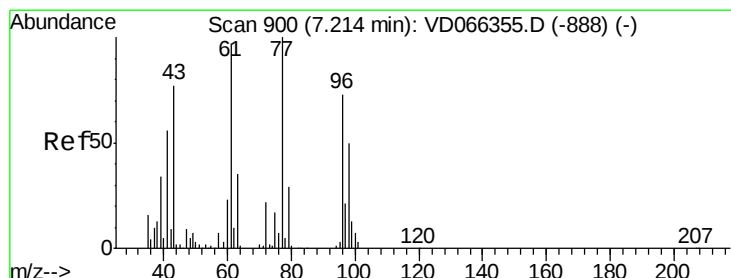
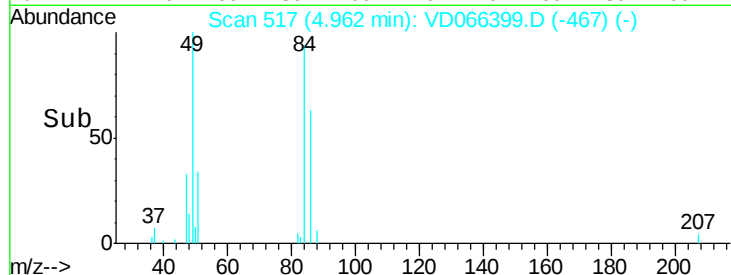
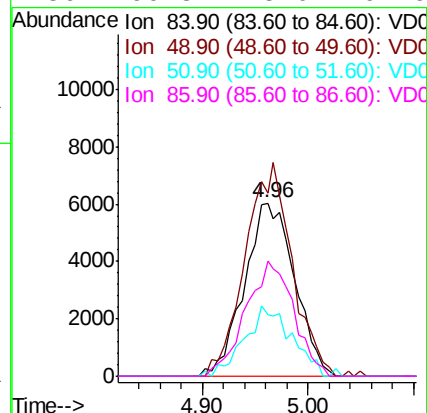
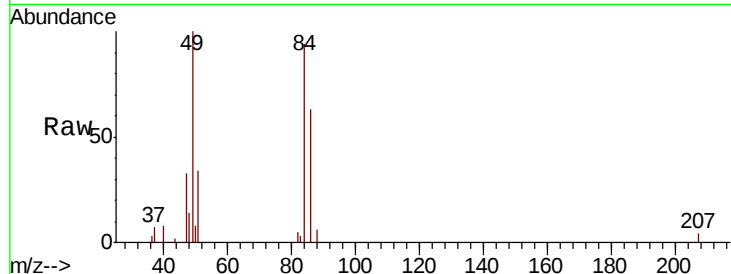




#20
Methvlene Chloride
Concen: 2.657 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066399.D
Acq: 25 Aug 2020 13:46

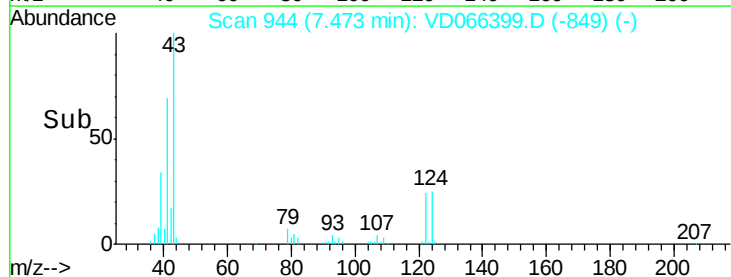
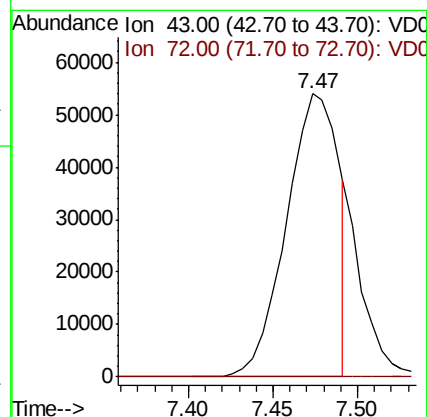
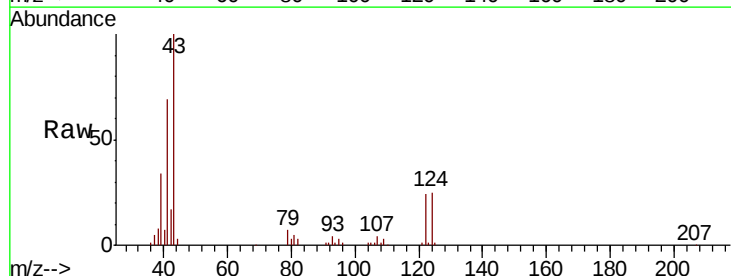
Instrument :
MSVOA_D
ClientSampled :
CHRT-09

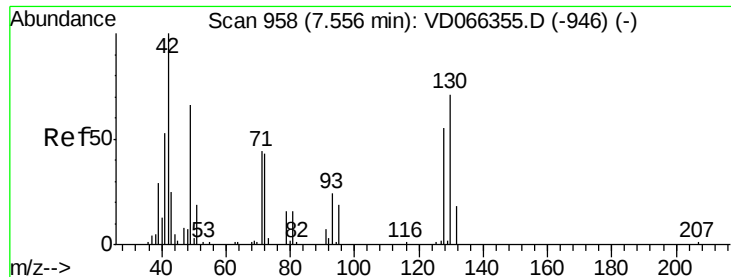
Tot Ion: 84 Resp: 19876
Ion Ratio Lower Upper
84 100
49 105.9 92.5 138.7
51 35.7 32.5 48.7
86 66.3 45.0 67.6



#25
2-Butanone
Concen: 238.658 ug/l
RT: 7.47 min Scan# 944
Delta R.T. 0.26 min
Lab File: VD066399.D
Acq: 25 Aug 2020 13:46

Tgt Ion: 43 Resp: 116466
Ion Ratio Lower Upper
43 100
72 0.0 22.5 33.7#

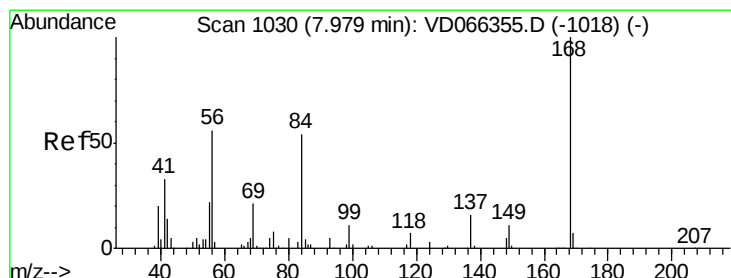
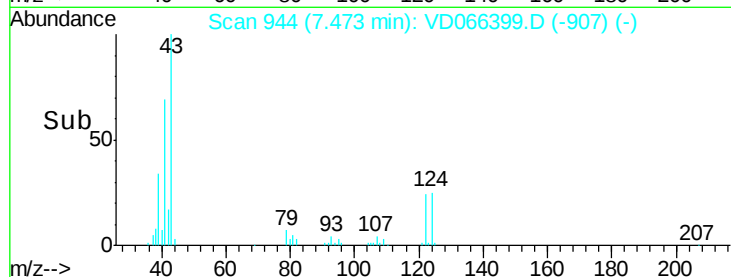
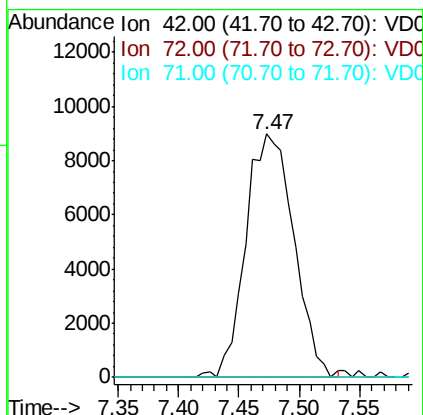
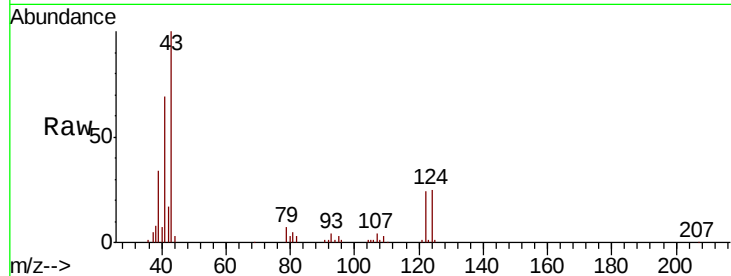




#29
Tetrahydrofuran
Concen: 89.436 ug/l
RT: 7.47 min Scan# 944
Delta R.T. -0.08 min
Lab File: VD066399.D
Acq: 25 Aug 2020 13:46

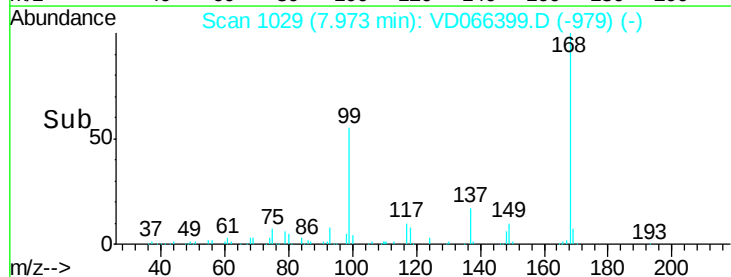
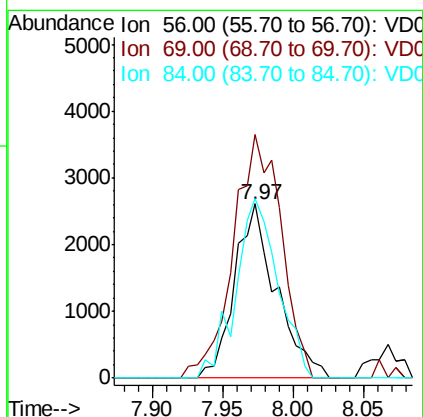
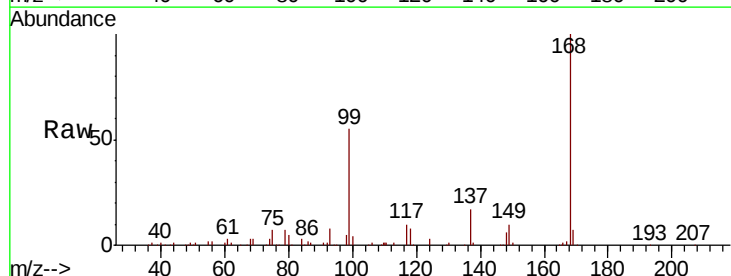
Instrument :
MSVOA_D
ClientSampleId :
CHRT-09

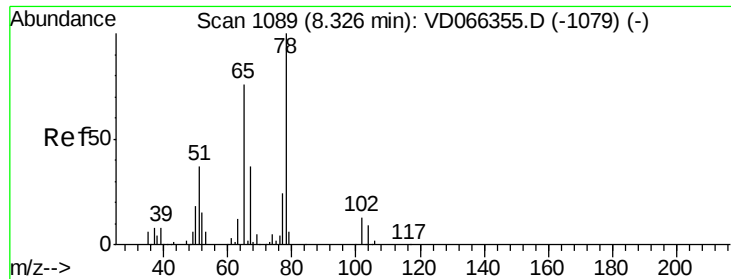
Tot Ion: 42 Resp: 24790
Ion Ratio Lower Upper
42 100
72 0.0 41.0 61.4#
71 0.0 37.2 55.8#



#31
Cyclohexane
Concen: 1.631 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066399.D
Acq: 25 Aug 2020 13:46

Tgt Ion: 56 Resp: 5400
Ion Ratio Lower Upper
56 100
69 139.7 29.6 44.4#
84 102.9 76.6 115.0

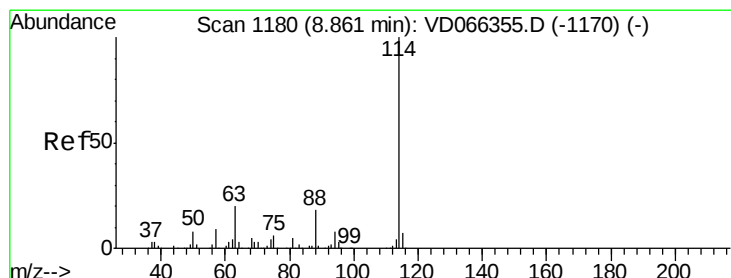
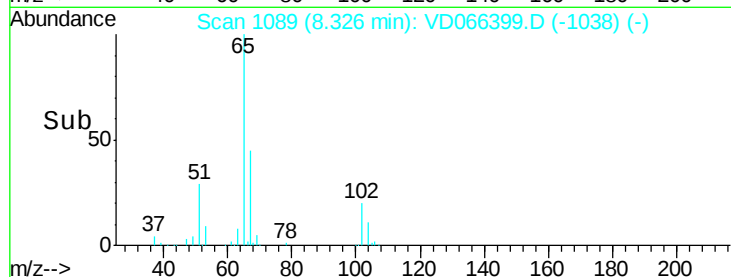
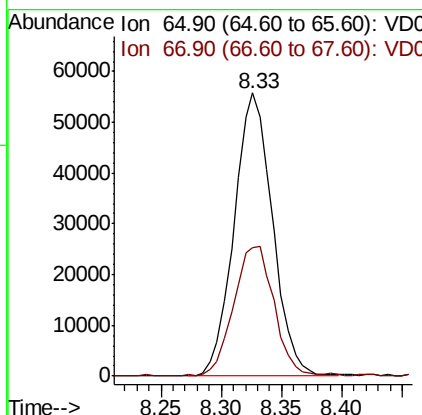
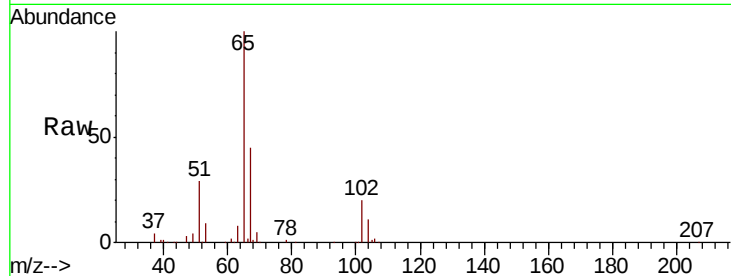




#33
 1,2-Dichloroethane-d4
 Concen: 51.771 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066399.D
 Acq: 25 Aug 2020 13:46

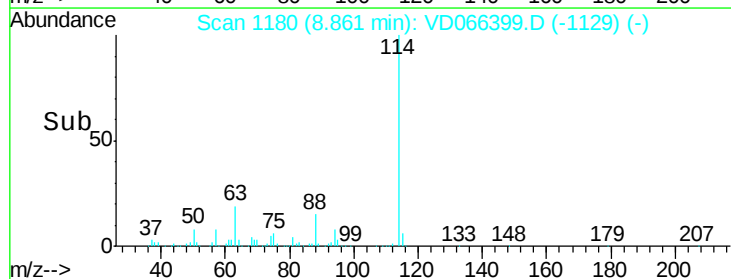
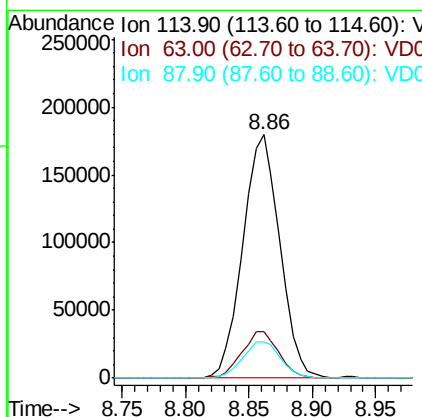
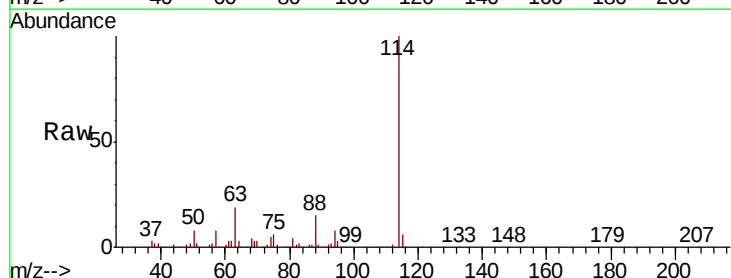
Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-09

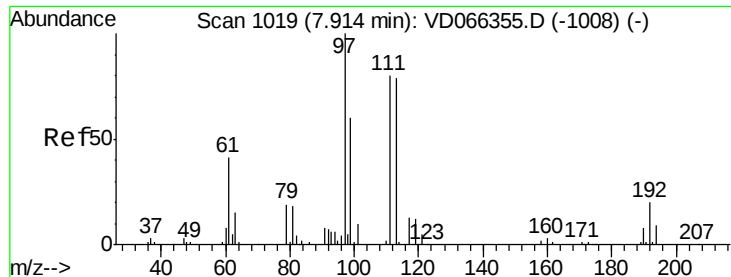
Tot Ion: 65 Resp: 123442
 Ion Ratio Lower Upper
 65 100
 67 48.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066399.D
 Acq: 25 Aug 2020 13:46

Tgt Ion: 114 Resp: 364482
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.8
 88 15.1 0.0 35.4

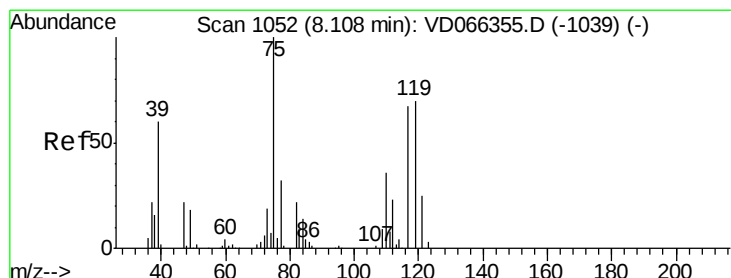
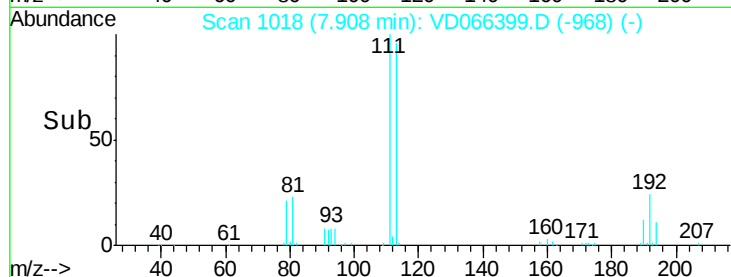
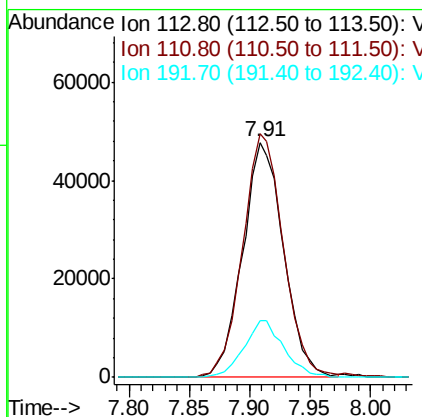
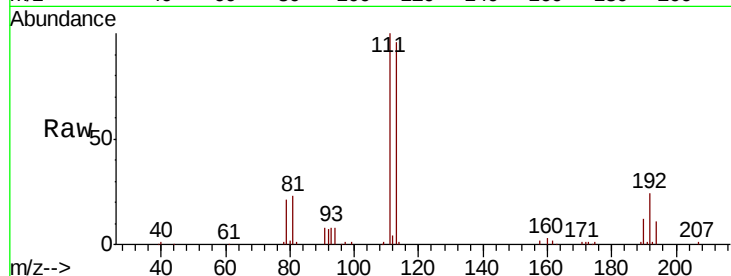




#35
 Dibromofluoromethane
 Concen: 49.594 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066399.D
 Acq: 25 Aug 2020 13:46

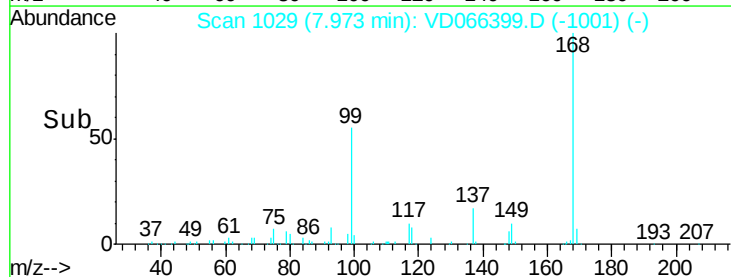
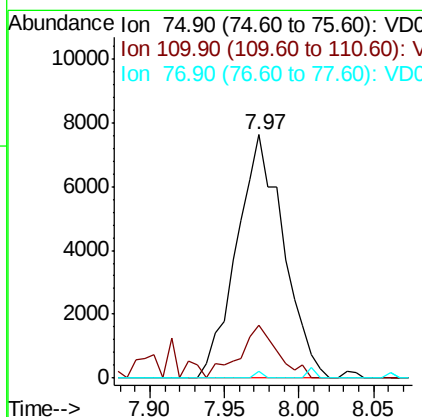
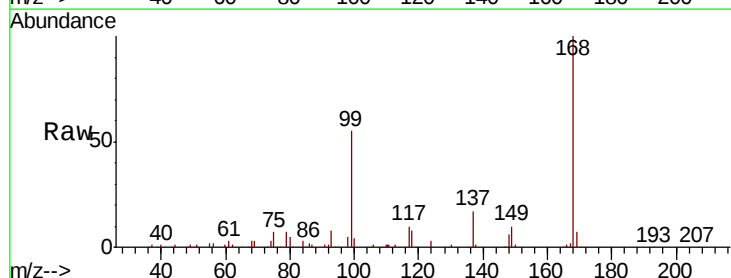
Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-09

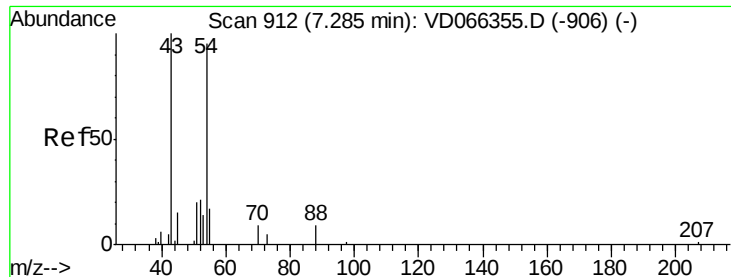
Tot Ion:113 Resp: 113032
 Ion Ratio Lower Upper
 113 100
 111 104.1 80.3 120.5
 192 23.6 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.979 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066399.D
 Acq: 25 Aug 2020 13:46

Tgt Ion: 75 Resp: 16560
 Ion Ratio Lower Upper
 75 100
 110 17.5 18.7 56.1#
 77 0.5 25.2 37.8#





#37

Ethyl Acetate

Concen: 123.779 ug/l

RT: 7.47 min Scan# 944

Delta R.T. 0.19 min

Lab File: VD066399.D

Acq: 25 Aug 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

CHRT-09

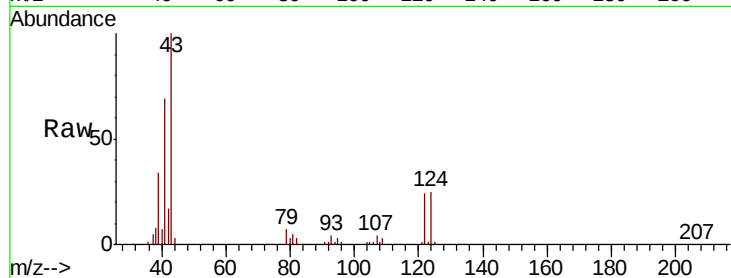
Tot Ion: 43 Resp: 140008

Ion Ratio Lower Upper

43 100

61 0.0 13.3 19.9#

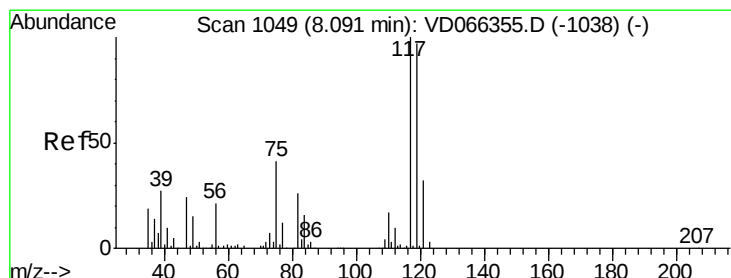
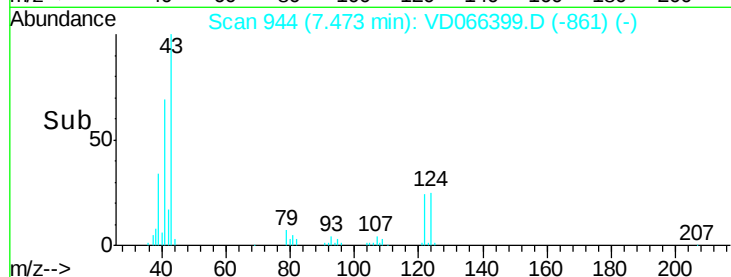
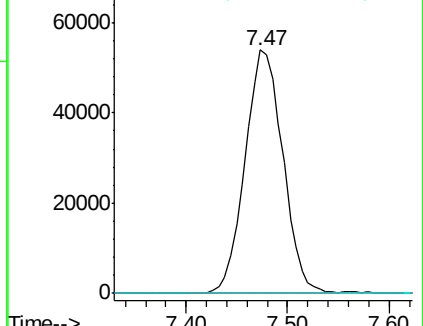
70 0.0 3.5 5.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 5.550 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066399.D

Acq: 25 Aug 2020 13:46

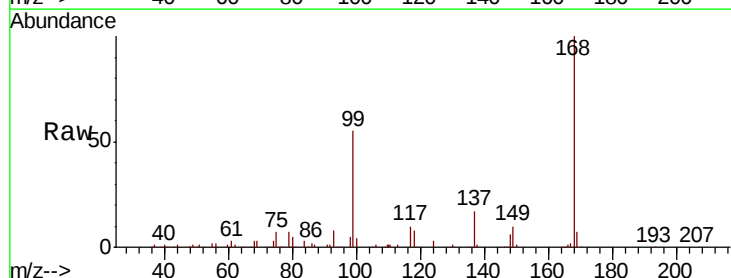
Tgt Ion: 117 Resp: 24047

Ion Ratio Lower Upper

117 100

119 4.2 77.2 115.8#

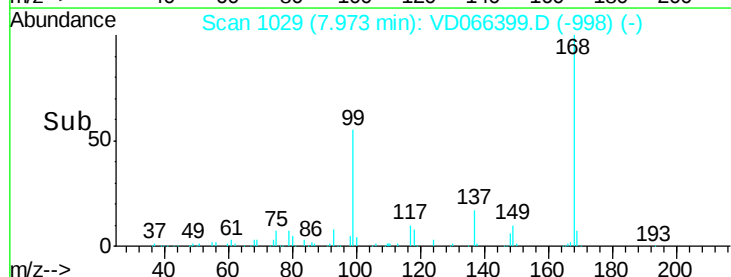
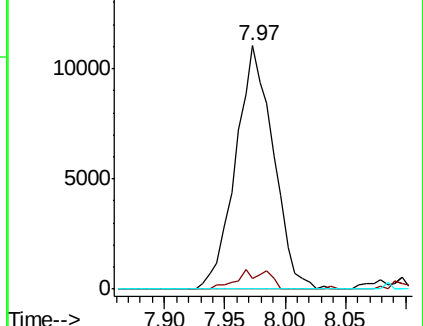
121 0.0 25.8 38.8#

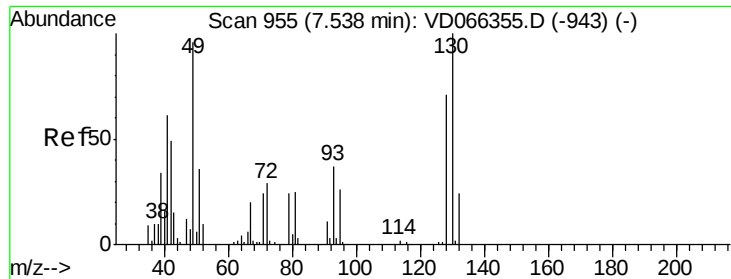


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

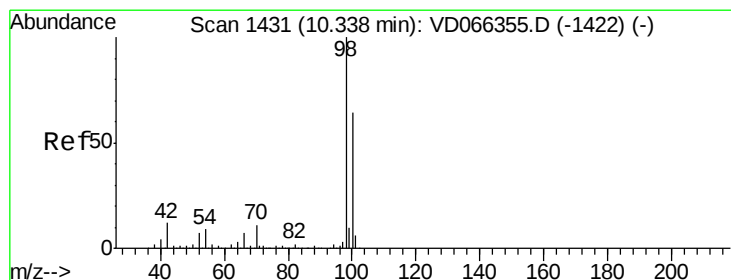
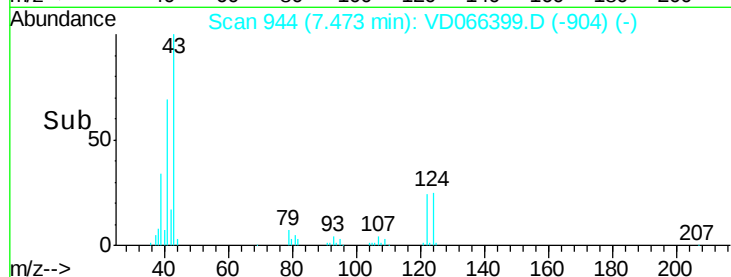
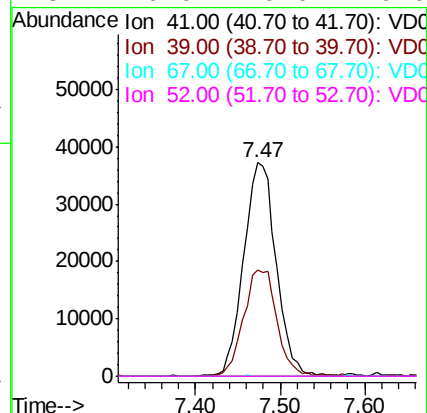
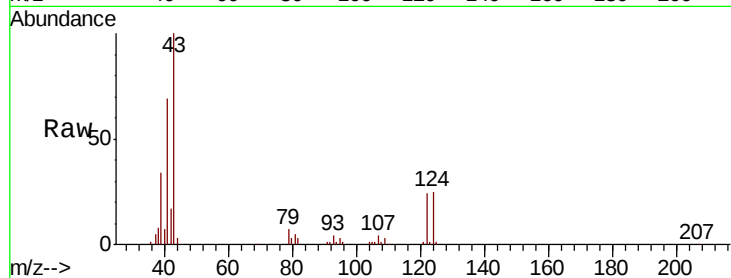




#41
Methacrylonitrile
Concen: 142.167 ug/l
RT: 7.47 min Scan# 944
Delta R.T. -0.06 min
Lab File: VD066399.D
Acq: 25 Aug 2020 13:46

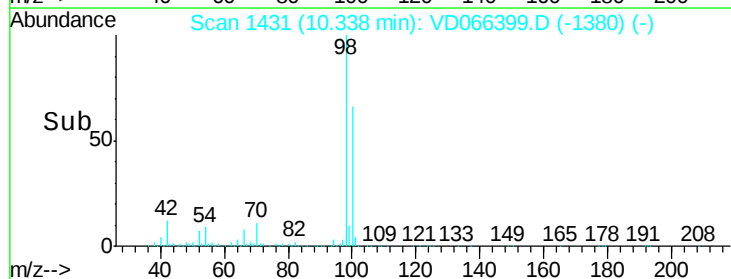
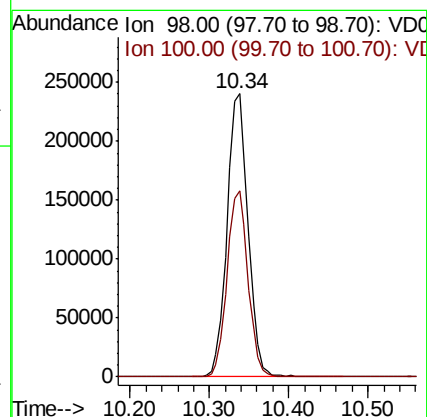
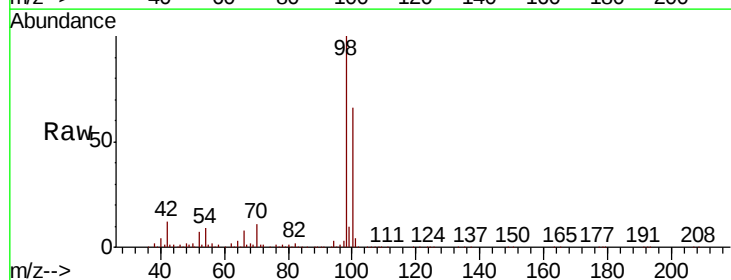
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CHRT-09

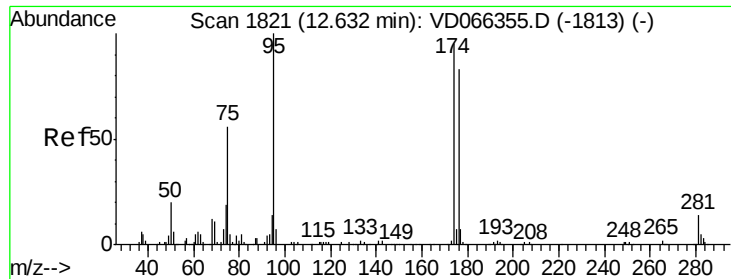
Tot Ion: 41 Resp: 99166
Ion Ratio Lower Upper
41 100
39 51.4 51.8 77.8#
67 0.1 0.0 0.0#
52 0.0 0.0 0.0



#50
Toluene-d8
Concen: 52.679 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066399.D
Acq: 25 Aug 2020 13:46

Tgt Ion: 98 Resp: 439296
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 54.971 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066399.D

Acq: 25 Aug 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

CHRT-09

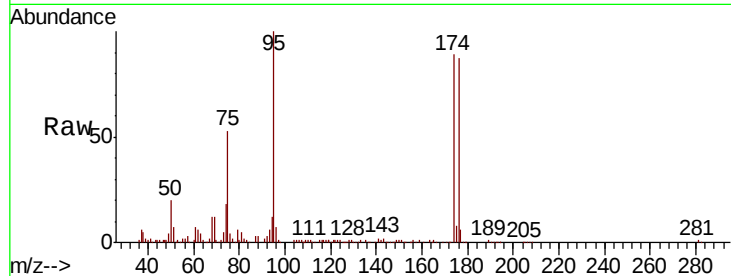
Tot Ion: 95 Resp: 162661

Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.4

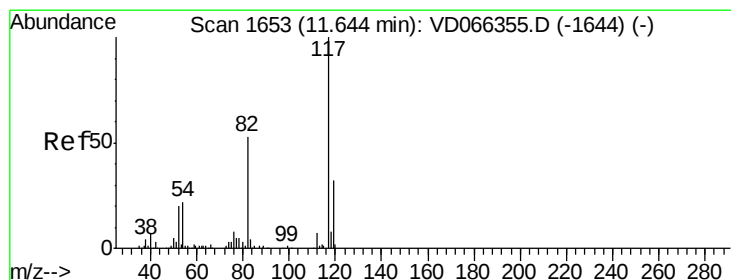
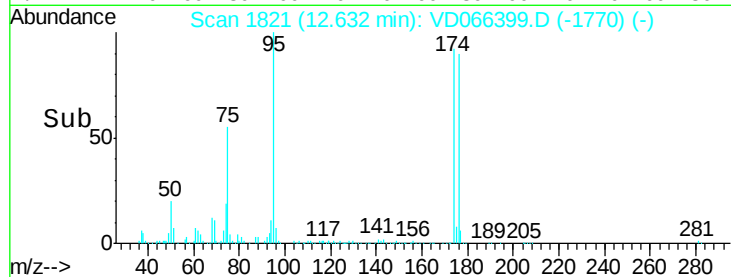
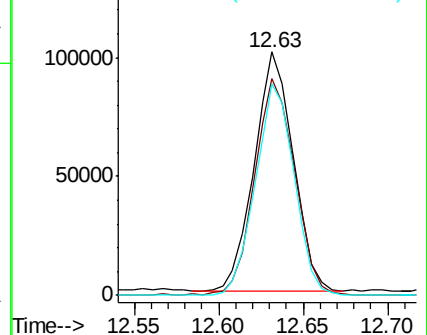
176 87.6 0.0 173.8



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: VD066399.D

Acq: 25 Aug 2020 13:46

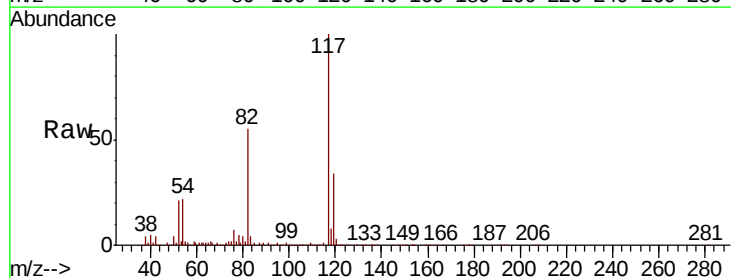
Tgt Ion: 117 Resp: 344561

Ion Ratio Lower Upper

117 100

82 54.9 42.8 64.2

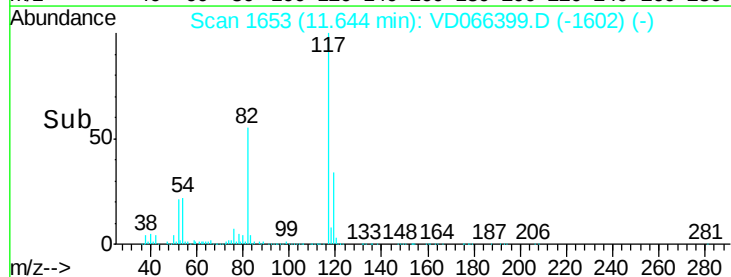
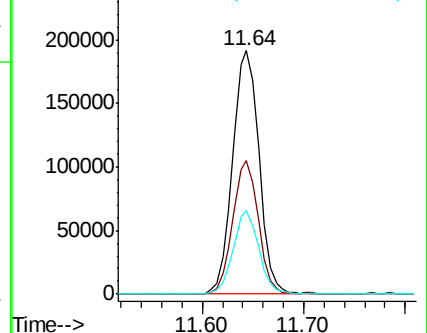
119 34.2 25.8 38.8

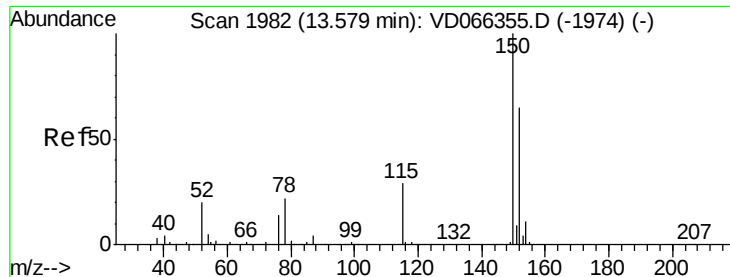


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD066399.D

Acq: 25 Aug 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

CHRT-09

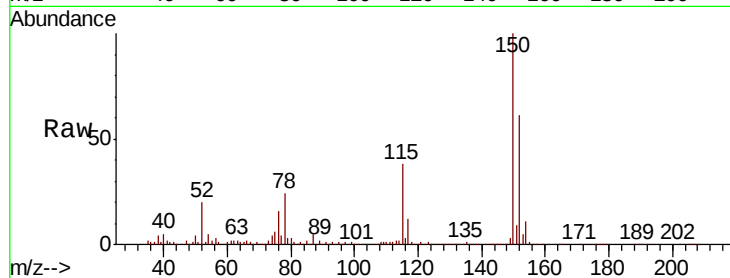
Tot Ion:152 Resp: 174294

Ion Ratio Lower Upper

152 100

115 59.7 28.3 85.0

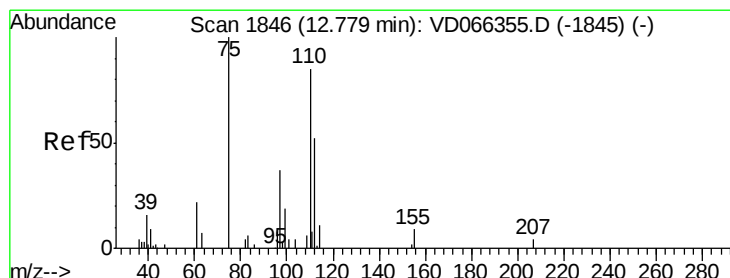
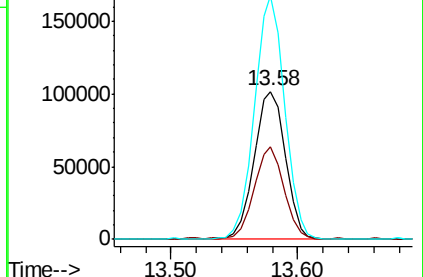
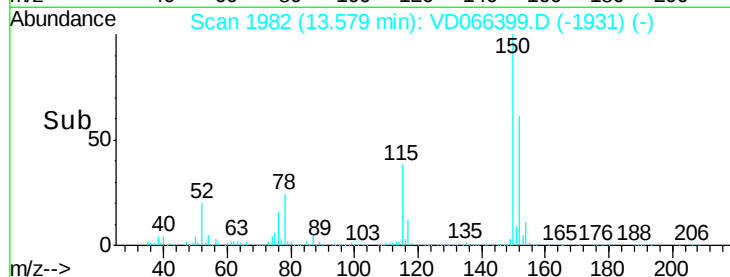
150 159.2 0.0 343.2



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: 73.068 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066399.D

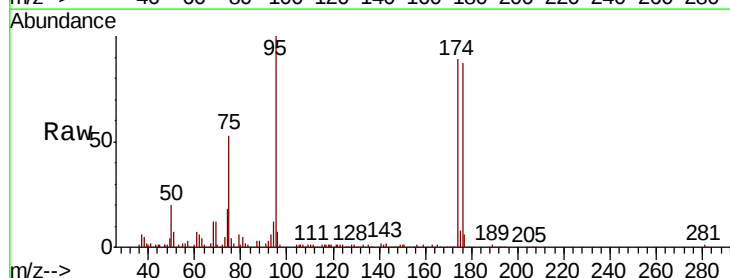
Acq: 25 Aug 2020 13:46

Tgt Ion: 75 Resp: 89593

Ion Ratio Lower Upper

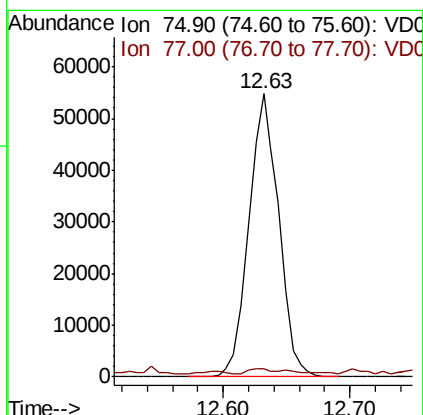
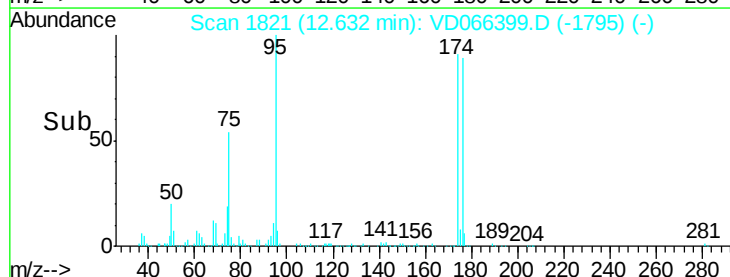
75 100

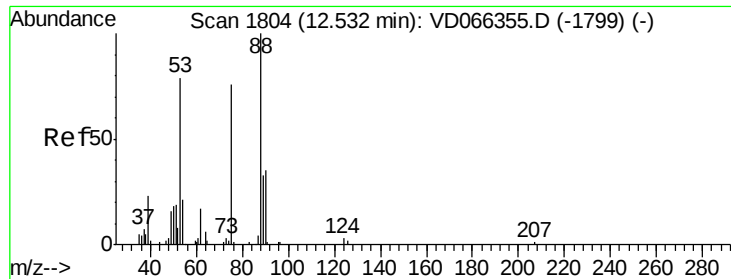
77 1.4 182.9 548.9#



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: 155.099 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066399.D

Acq: 25 Aug 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

CHRT-09

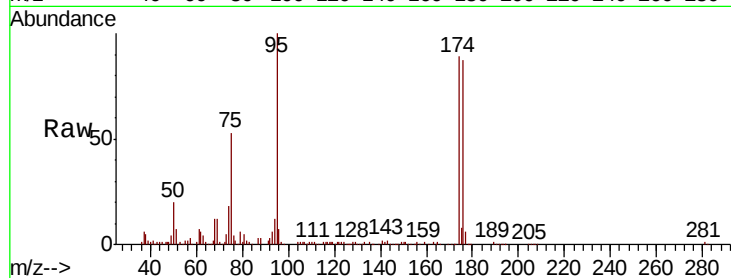
Tot Ion: 75 Resp: 89593

Ion Ratio Lower Upper

75 100

53 0.9 87.4 131.2#

89 0.0 39.4 59.0#



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

