

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042920\
 Data File : VX015980.D
 Acq On : 29 Apr 2020 16:25
 Operator : JC/SP
 Sample : L2405-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 30 05:36:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	263610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	425371	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	402714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213808	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	168079	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
35) Dibromofluoromethane	5.47	113	127640	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
50) Toluene-d8	8.70	98	518437	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.12	95	206411	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	

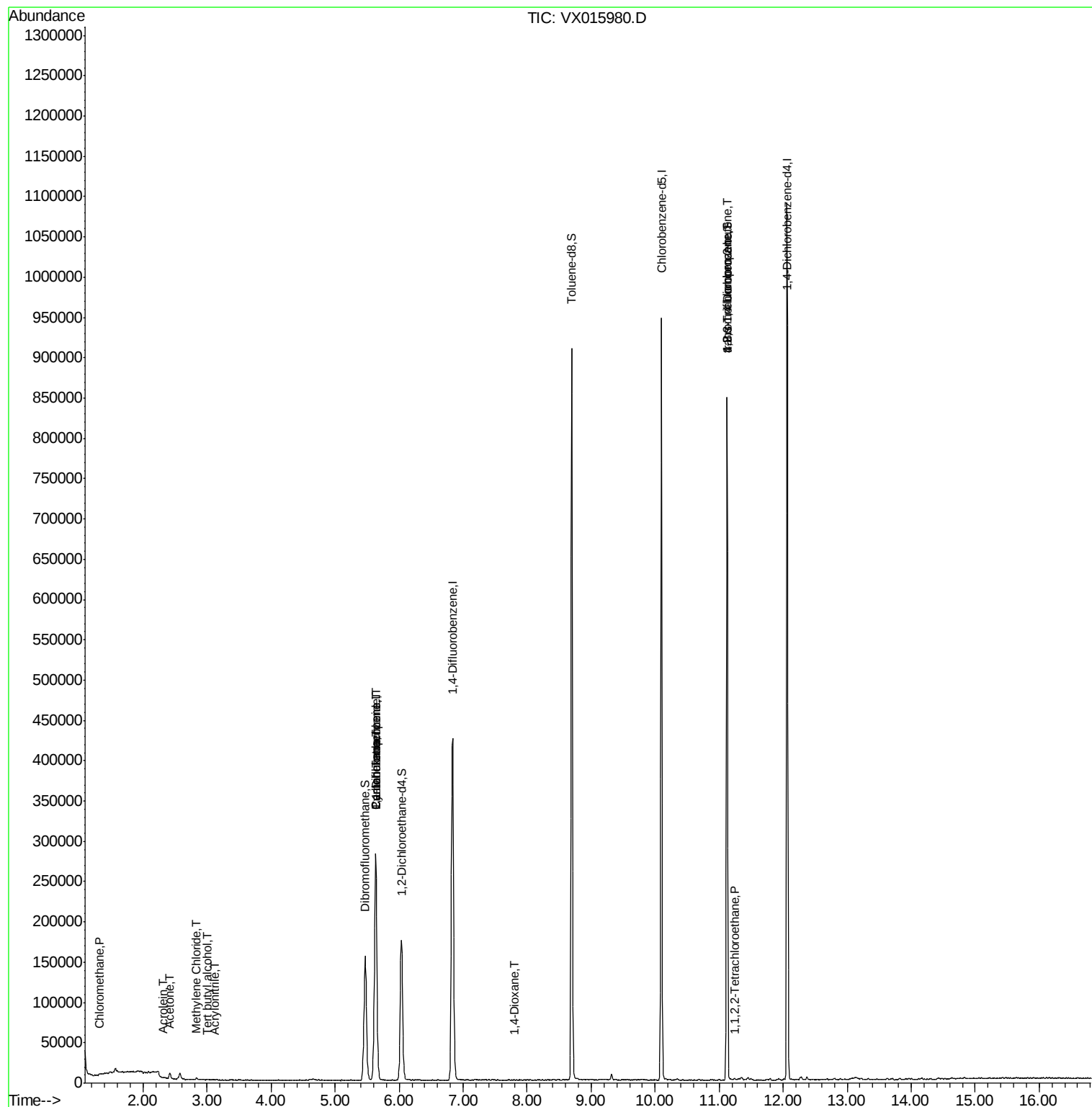
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	674	0.236	ug/l	91
11) Tert butyl alcohol	3.00	59	197	0.235	ug/l	98
13) Acrolein	2.31	56	55	0.262	ug/l #	61
15) Acrylonitrile	3.12	53	356	0.215	ug/l #	51
16) Acetone	2.42	43	7118	4.830	ug/l	97
20) Methylene Chloride	2.84	84	813	0.279	ug/l #	69
31) Cyclohexane	5.63	56	5770	1.301	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	19802	4.888	ug/l #	51
38) Carbon Tetrachloride	5.63	117	26053	6.088	ug/l #	17
49) 1,4-Dioxane	7.79	88	20	0.239	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.23	83	40	3.712	ug/l #	25
76) 1,2,3-Trichloropropane	11.12	75	110617	24.656	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	110617	58.266	ug/l #	10

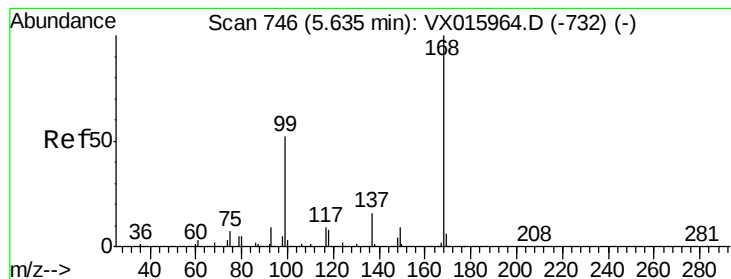
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015980.D

Acq: 29 Apr 2020 16:25

Instrument :

MSVOA_X

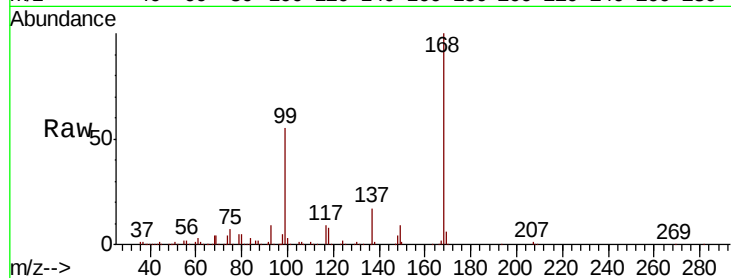
ClientSampled :

Tot Ion:168 Resp: 263610

Ion Ratio Lower Upper

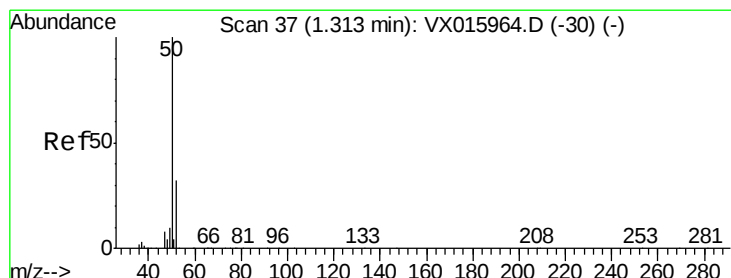
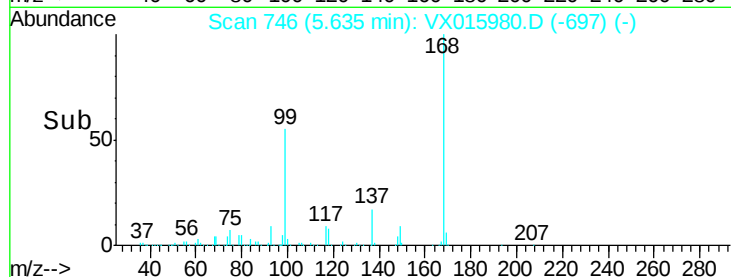
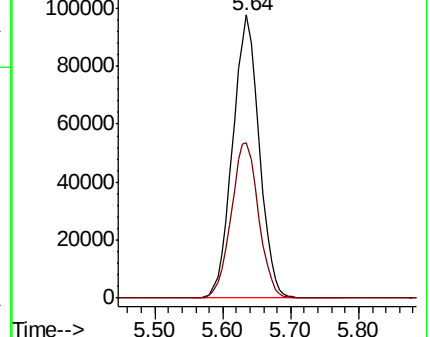
168 100

99 55.1 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.236 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX015980.D

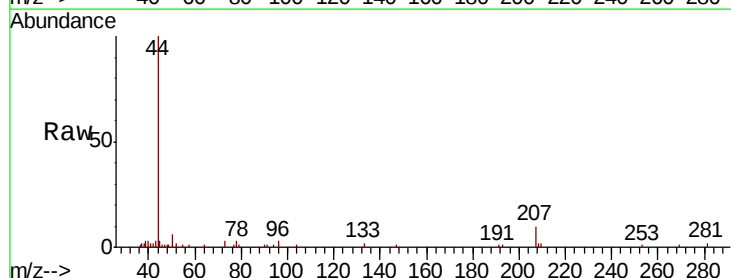
Acq: 29 Apr 2020 16:25

Tgt Ion: 50 Resp: 674

Ion Ratio Lower Upper

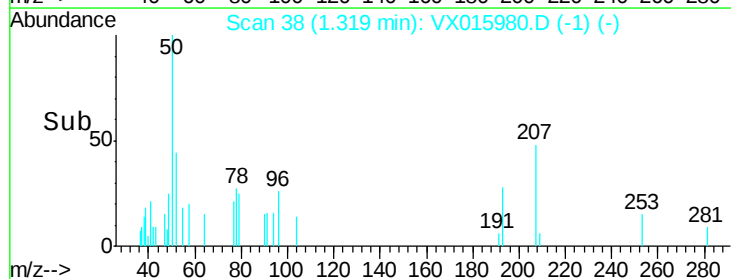
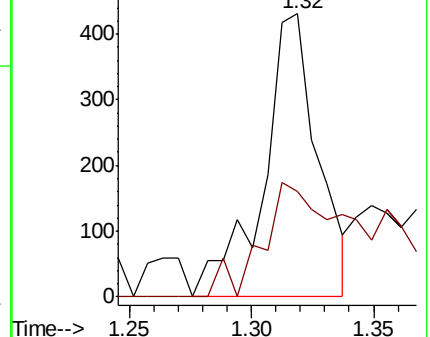
50 100

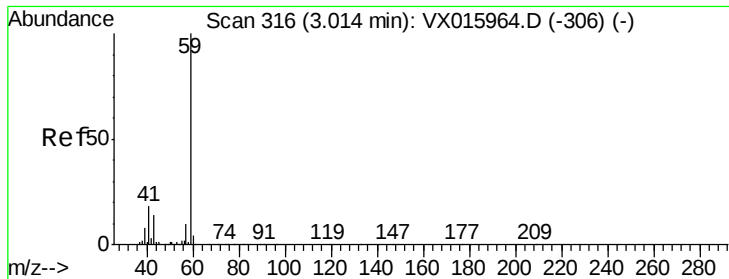
52 37.1 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



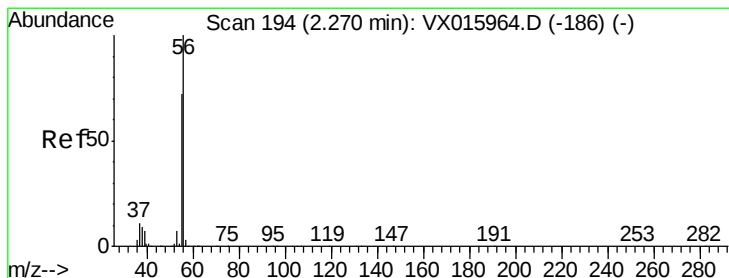
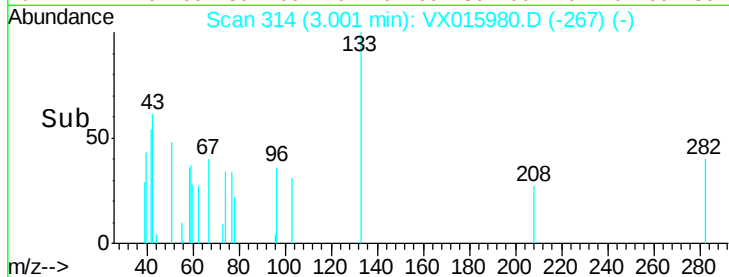
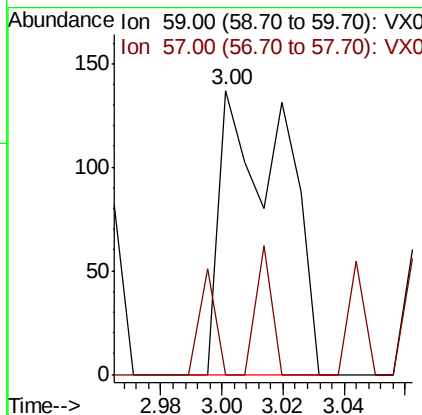
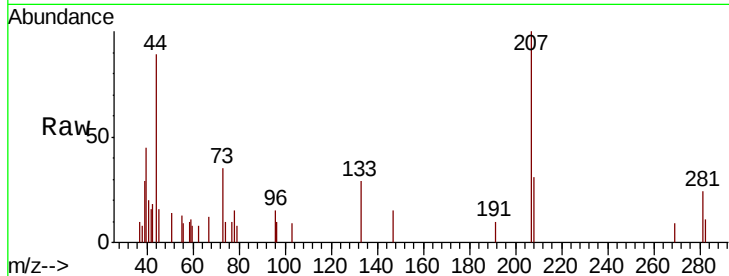


#11

Tert butyl alcohol
 Concen: 0.235 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX015980.D
 Acq: 29 Apr 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :

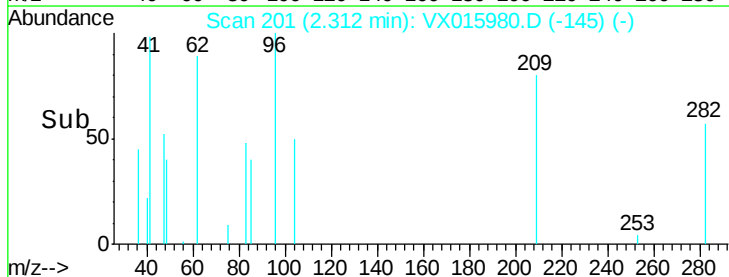
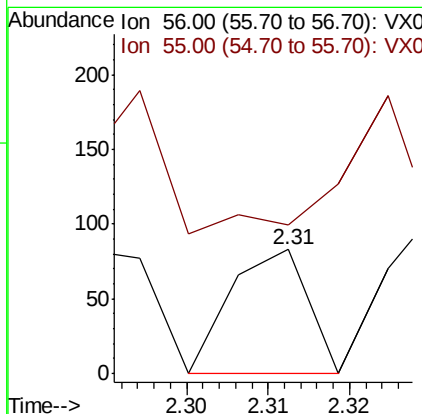
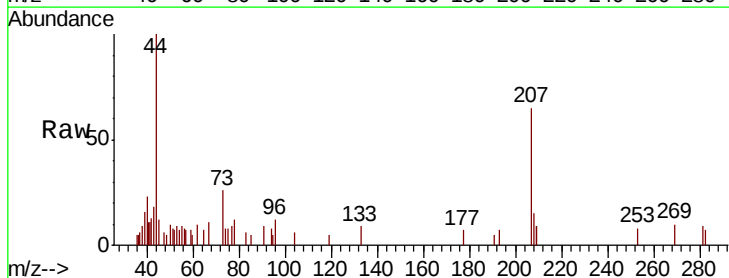
Tot Ion: 59 Resp: 197
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.3 12.5

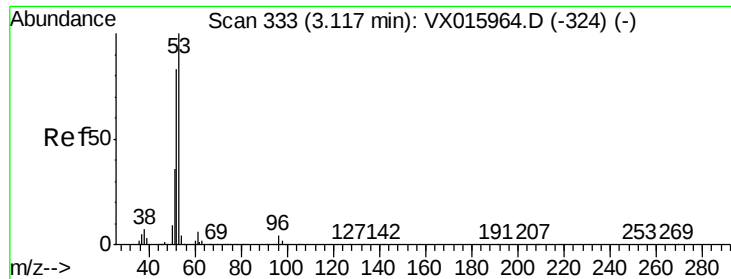


#13

Acrolein
 Concen: 0.262 ug/l
 RT: 2.31 min Scan# 201
 Delta R.T. 0.04 min
 Lab File: VX015980.D
 Acq: 29 Apr 2020 16:25

Tgt Ion: 56 Resp: 55
 Ion Ratio Lower Upper
 56 100
 55 103.6 56.9 85.3#





#15

Acrylonitrile

Concen: 0.215 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX015980.D

Acq: 29 Apr 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

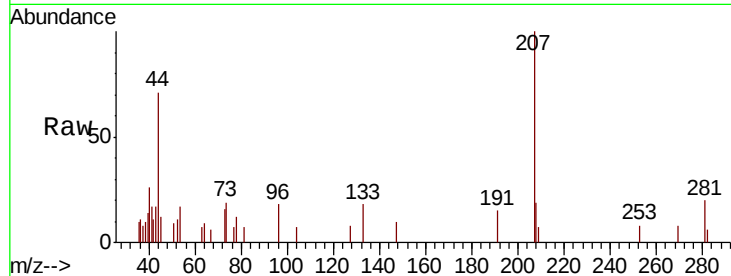
Tot Ion: 53 Resp: 356

Ion Ratio Lower Upper

53 100

52 43.0 65.5 98.3#

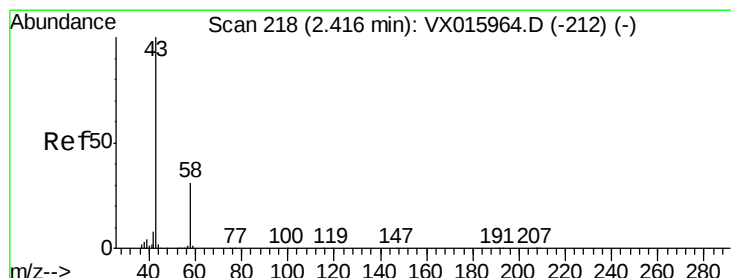
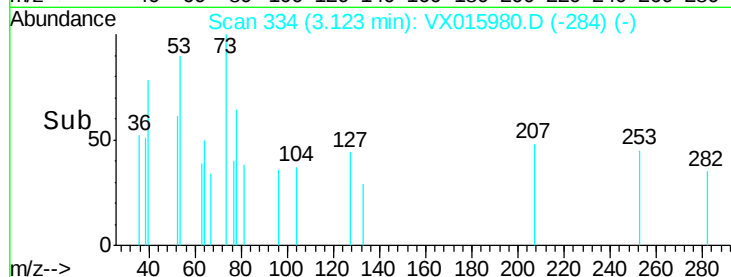
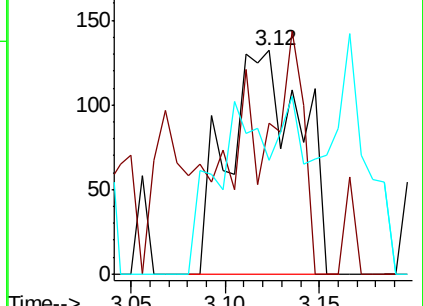
51 0.0 28.7 43.1#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 4.830 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX015980.D

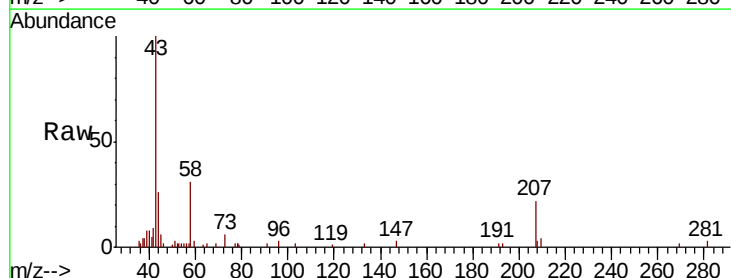
Acq: 29 Apr 2020 16:25

Tgt Ion: 43 Resp: 7118

Ion Ratio Lower Upper

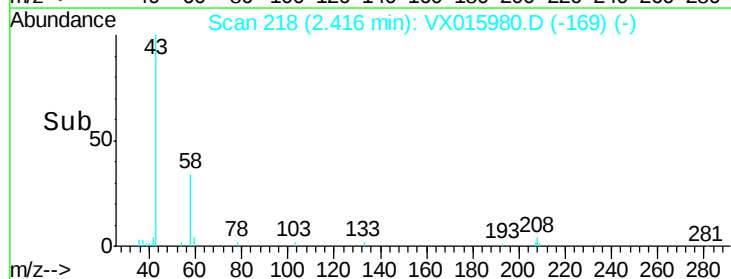
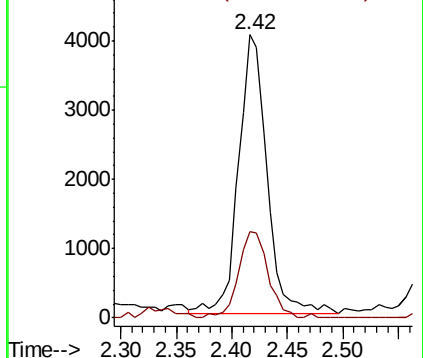
43 100

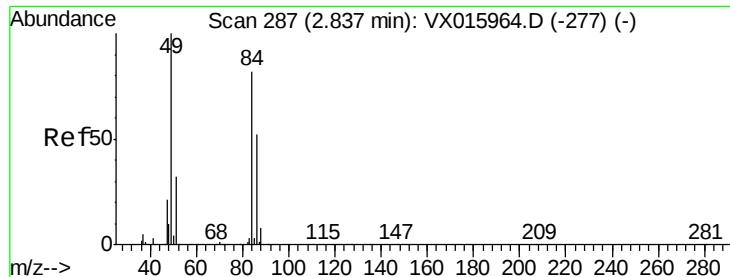
58 29.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

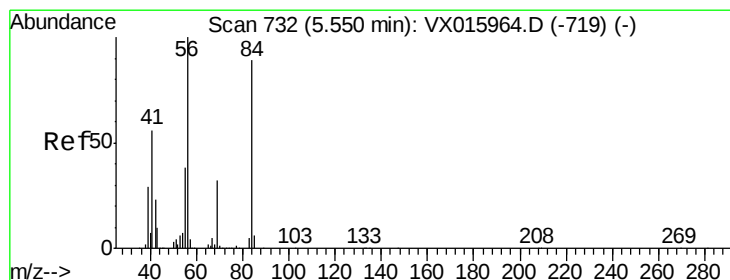
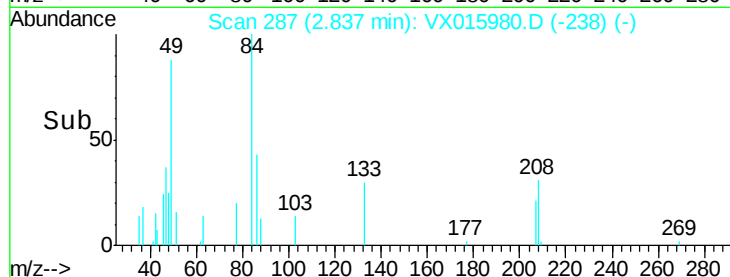
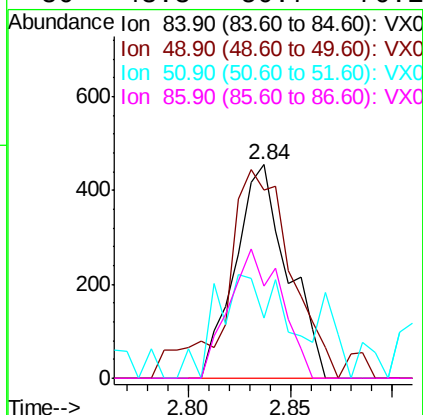
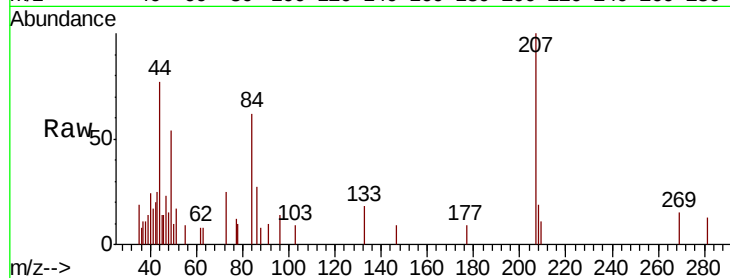




#20
Methvlene Chloride
Concen: 0.279 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX015980.D
Acq: 29 Apr 2020 16:25

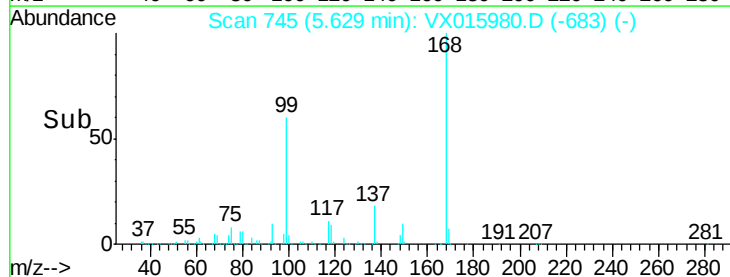
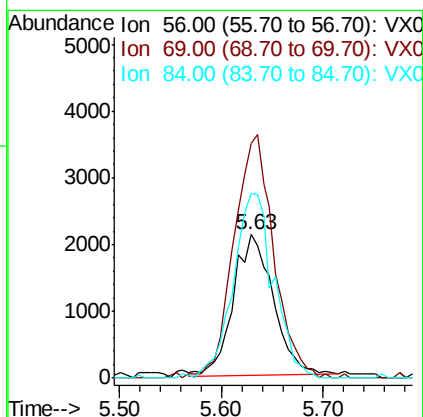
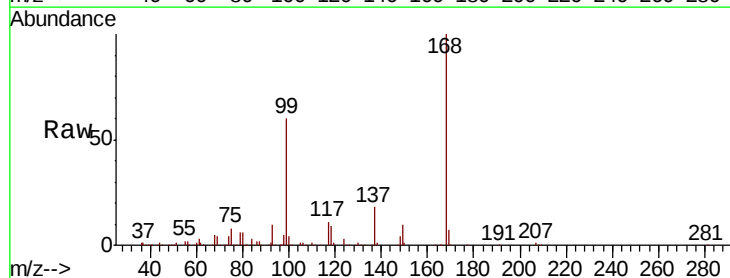
Instrument :
MSVOA_X
ClientSampleId :

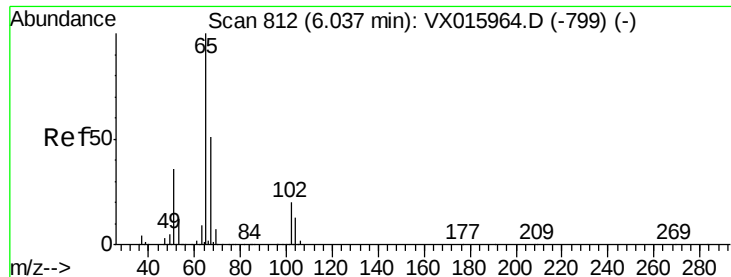
Tot Ion:	84	Resp:	813
Ion	Ratio	Lower	Upper
84	100		
49	88.1	97.9	146.9#
51	14.5	31.2	46.8#
86	43.3	50.7	76.1#



#31
Cyclohexane
Concen: 1.301 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX015980.D
Acq: 29 Apr 2020 16:25

Tgt Ion:	56	Resp:	5770
Ion	Ratio	Lower	Upper
56	100		
69	169.3	25.4	38.2#
84	132.9	71.0	106.6#

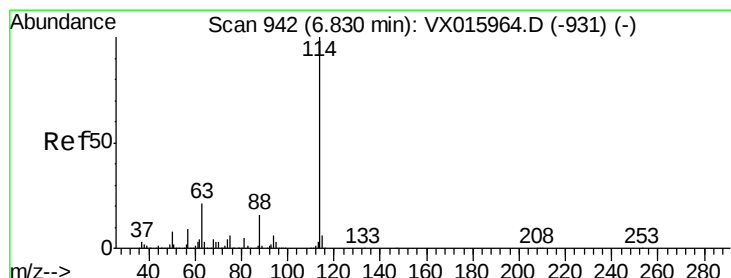
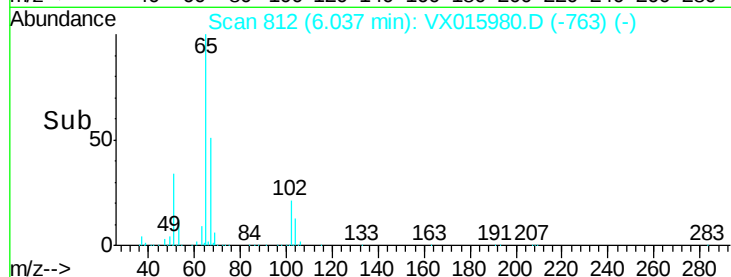
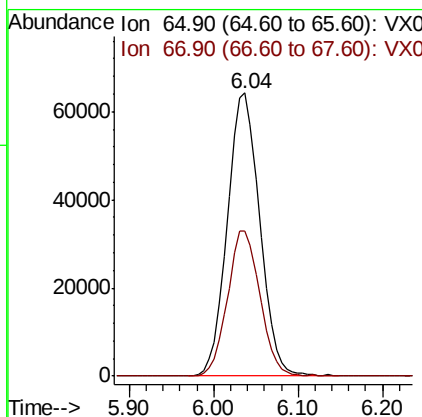
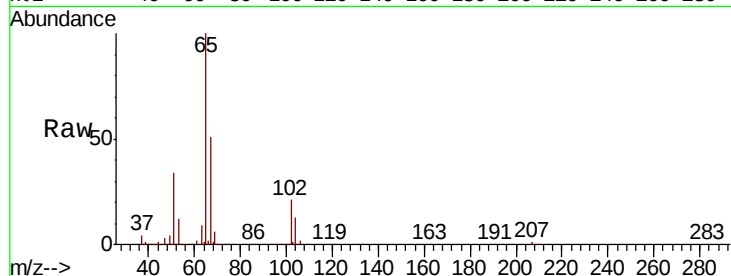




#33
 1,2-Dichloroethane-d4
 Concen: 48.766 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX015980.D
 Acq: 29 Apr 2020 16:25

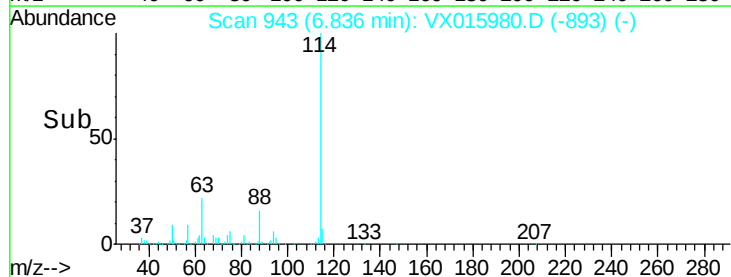
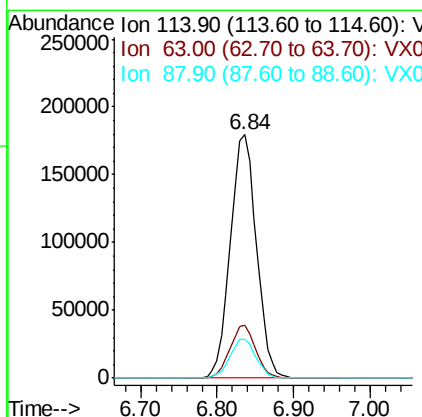
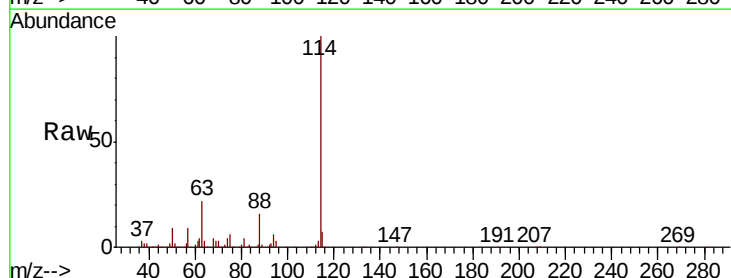
Instrument :
 MSVOA_X
 ClientSampleId :

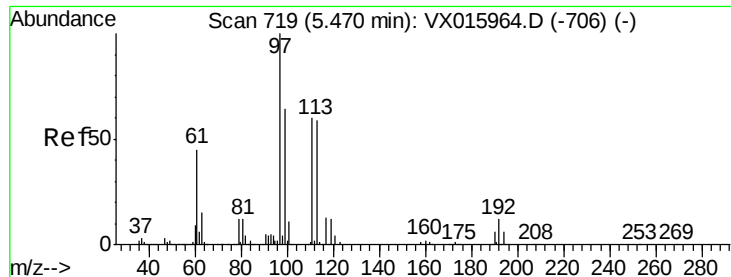
Tot Ion: 65 Resp: 168079
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX015980.D
 Acq: 29 Apr 2020 16:25

Tgt Ion: 114 Resp: 425371
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.2
 88 15.8 0.0 31.8

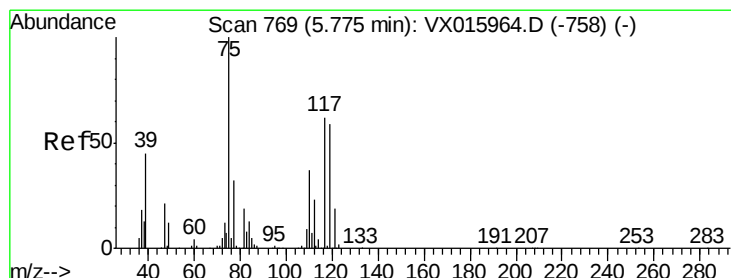
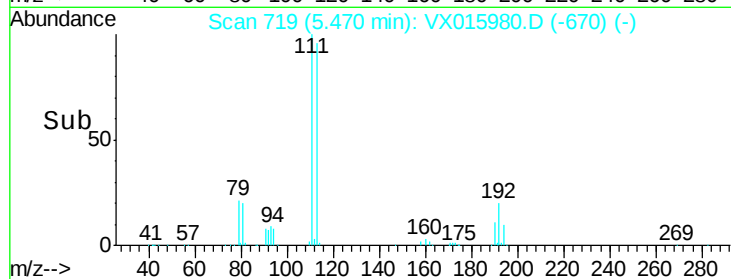
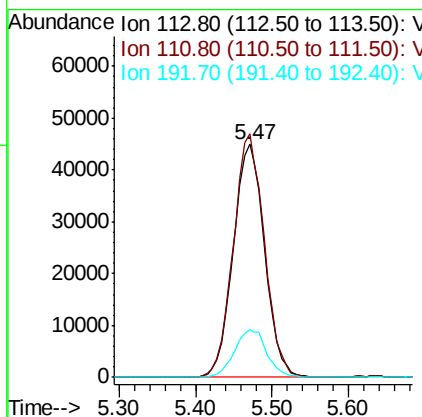
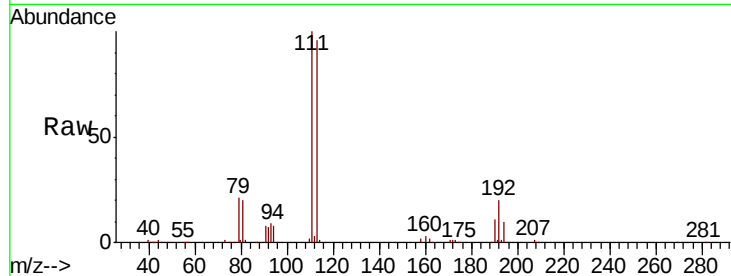




#35
 Dibromofluoromethane
 Concen: 48.103 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX015980.D
 Acq: 29 Apr 2020 16:25

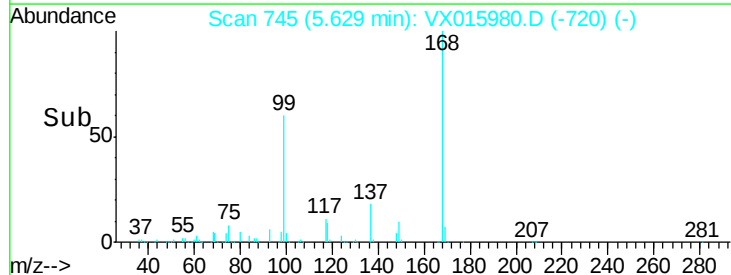
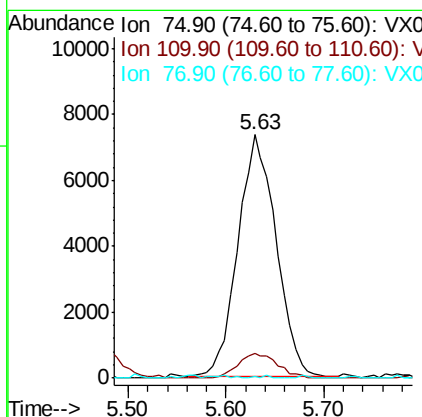
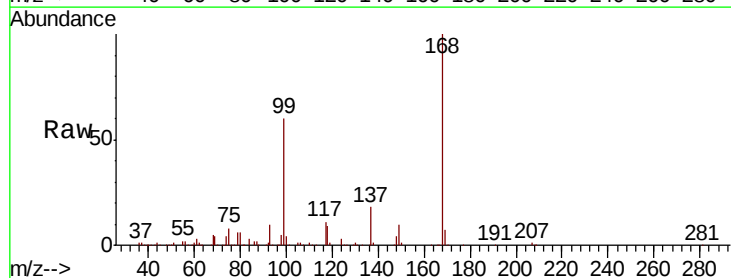
Instrument :
 MSVOA_X
 ClientSampleId :

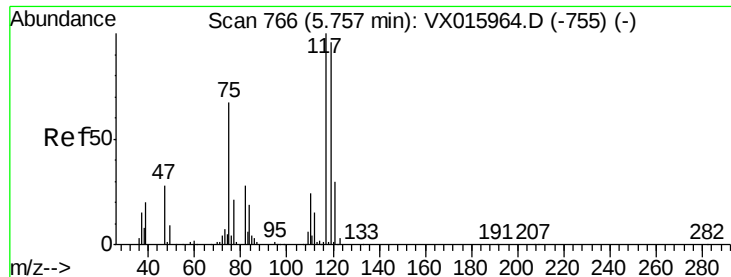
Tot Ion:113 Resp: 127640
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.8 122.8
 192 20.9 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.888 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.15 min
 Lab File: VX015980.D
 Acq: 29 Apr 2020 16:25

Tgt Ion: 75 Resp: 19802
 Ion Ratio Lower Upper
 75 100
 110 10.5 17.9 53.7#
 77 0.3 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 6.088 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX015980.D

Acq: 29 Apr 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

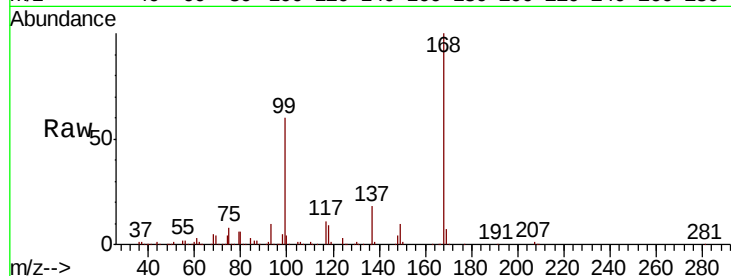
Tot Ion:117 Resp: 26053

Ion Ratio Lower Upper

117 100

119 5.5 76.2 114.4#

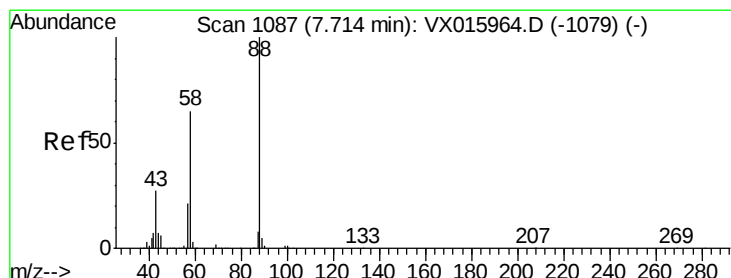
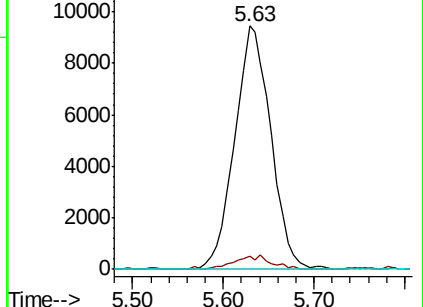
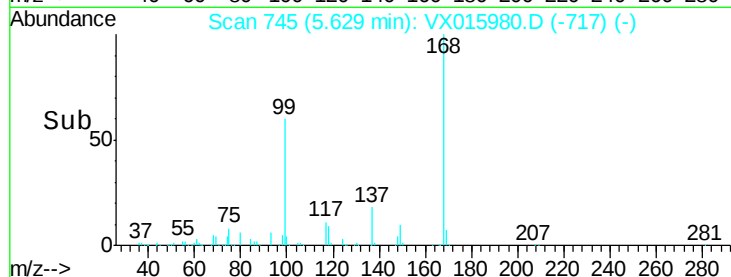
121 0.0 24.2 36.4#



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



#49

1,4-Dioxane

Concen: 0.239 ug/l

RT: 7.79 min Scan# 1099

Delta R.T. 0.07 min

Lab File: VX015980.D

Acq: 29 Apr 2020 16:25

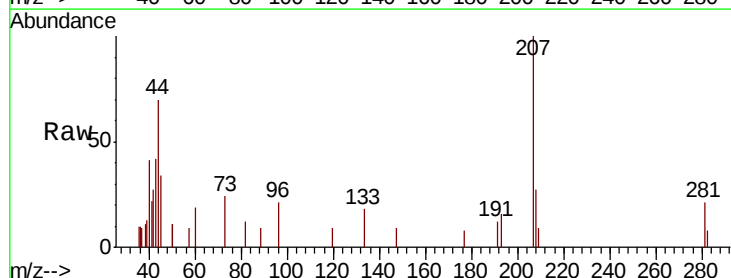
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 1000.0 26.6 39.8#

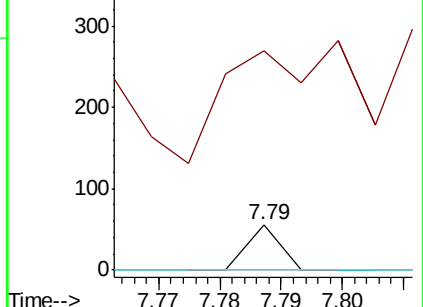
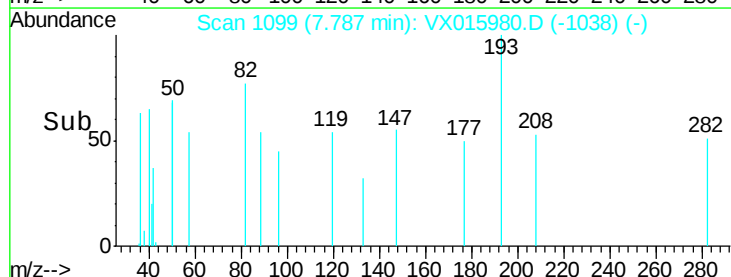
58 0.0 54.8 82.2#

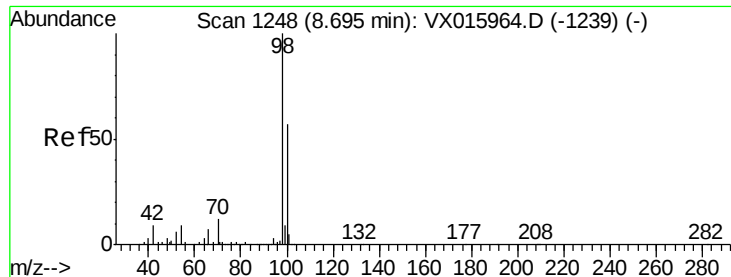


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

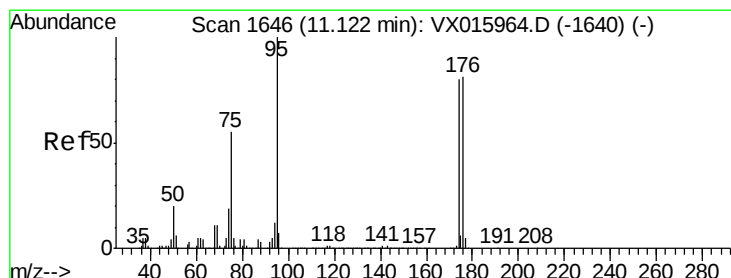
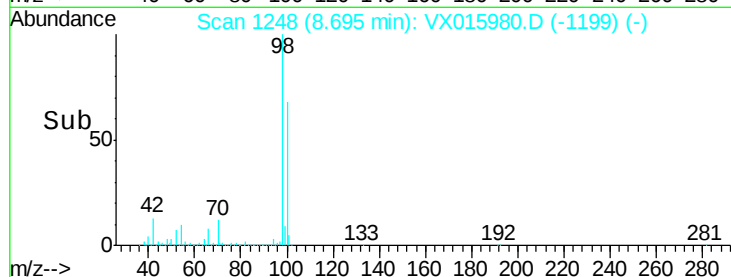
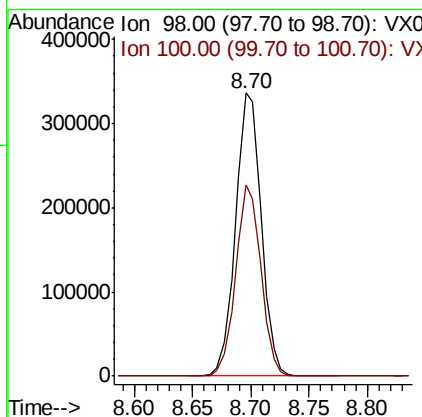
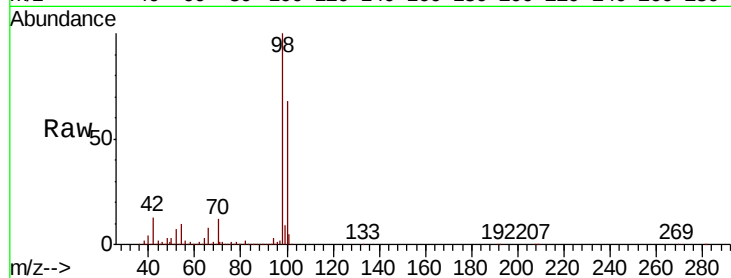




#50
Toluene-d8
Concen: 52.256 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX015980.D
Acq: 29 Apr 2020 16:25

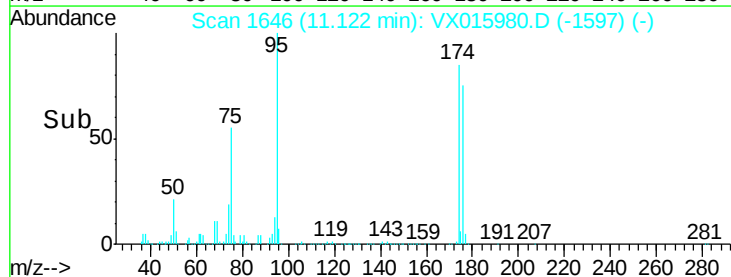
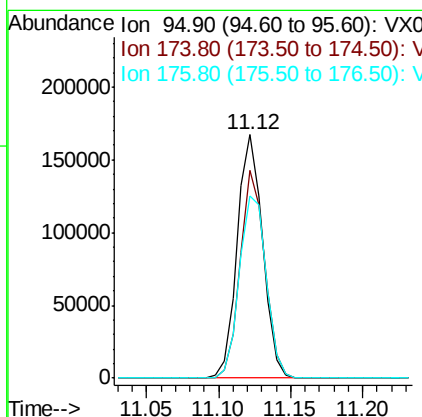
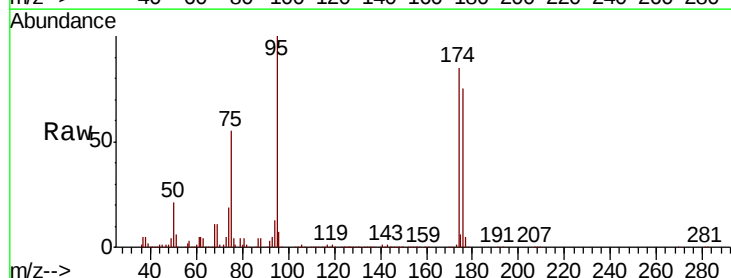
Instrument :
MSVOA_X
ClientSampleId :

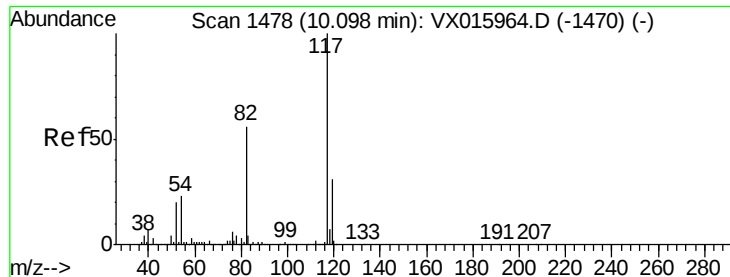
Tot Ion: 98 Resp: 518437
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.045 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015980.D
Acq: 29 Apr 2020 16:25

Tgt Ion: 95 Resp: 206411
Ion Ratio Lower Upper
95 100
174 82.4 0.0 165.0
176 78.9 0.0 163.2

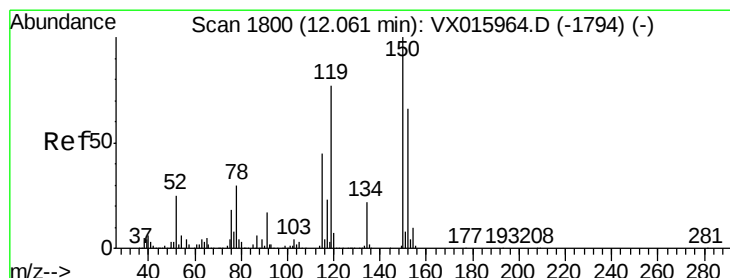
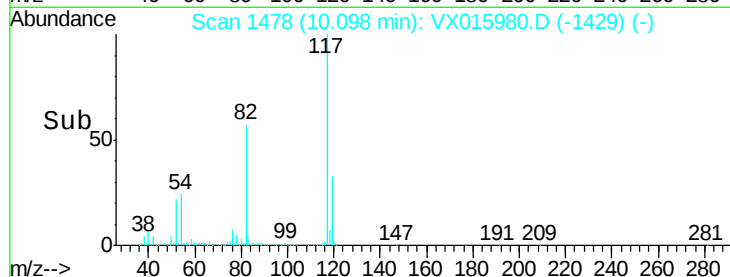
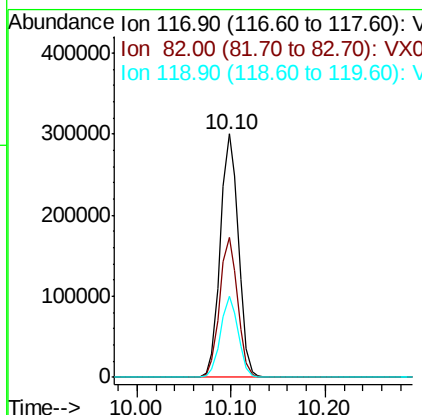
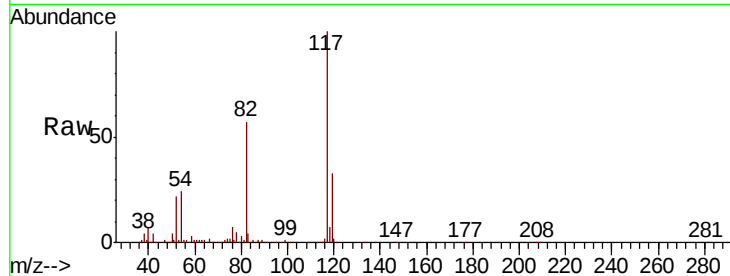




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015980.D
Acq: 29 Apr 2020 16:25

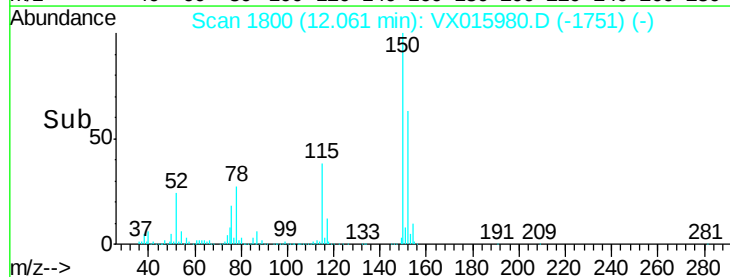
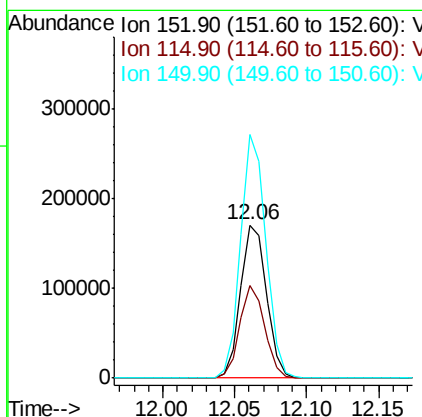
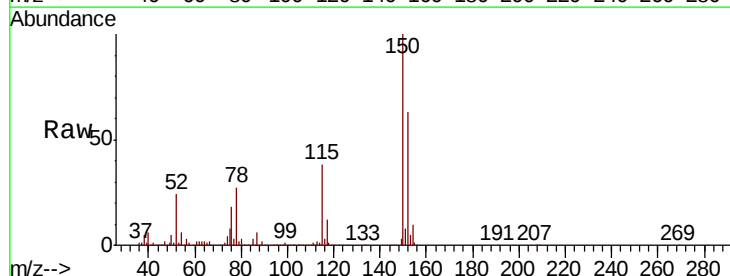
Instrument :
MSVOA_X
ClientSampleId :

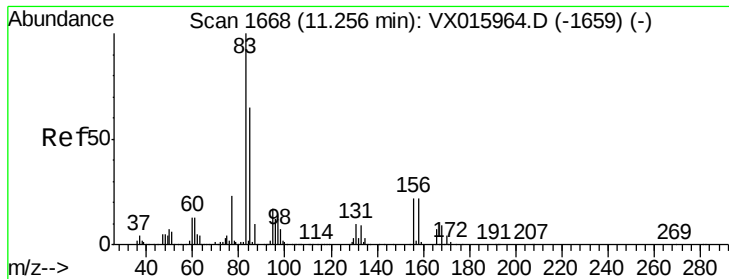
Tot Ion:117 Resp: 402714
Ion Ratio Lower Upper
117 100
82 57.5 44.5 66.7
119 33.1 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX015980.D
Acq: 29 Apr 2020 16:25

Tgt Ion:152 Resp: 213808
Ion Ratio Lower Upper
152 100
115 58.3 40.9 122.7
150 155.1 0.0 342.4





#75

1,1,2,2-Tetrachloroethane

Concen: 3.712 ug/l

RT: 11.23 min Scan# 1664

Delta R.T. -0.02 min

Lab File: VX015980.D

Acq: 29 Apr 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

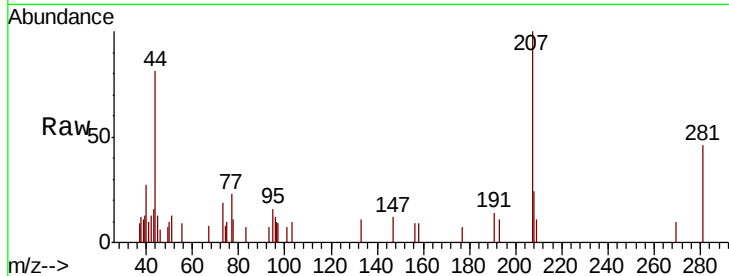
Tot Ion: 83 Resp: 40

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

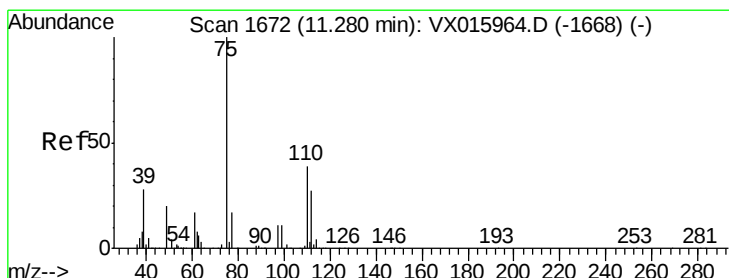
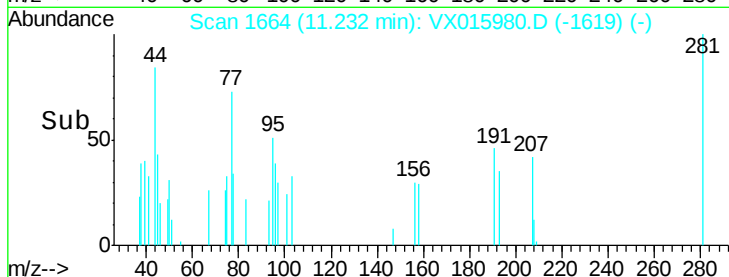
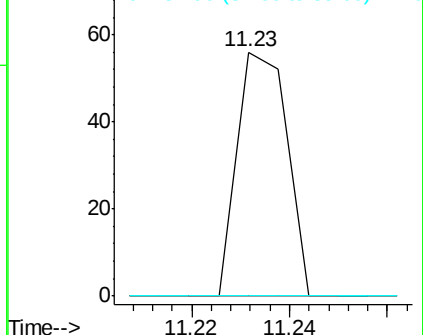
85 0.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.656 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX015980.D

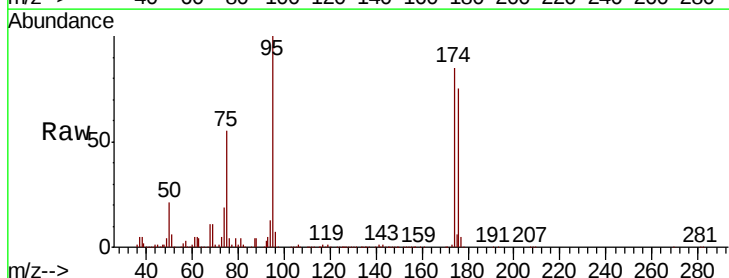
Acq: 29 Apr 2020 16:25

Tgt Ion: 75 Resp: 110617

Ion Ratio Lower Upper

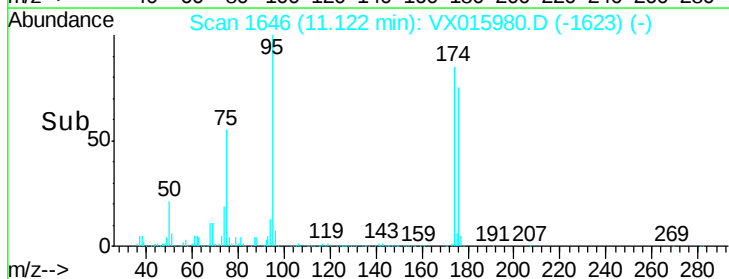
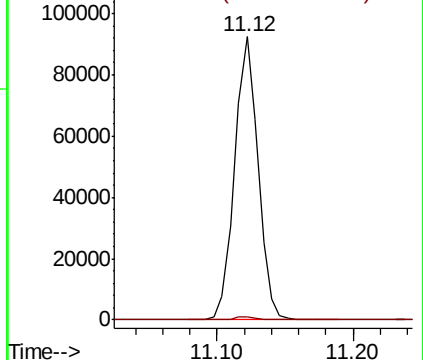
75 100

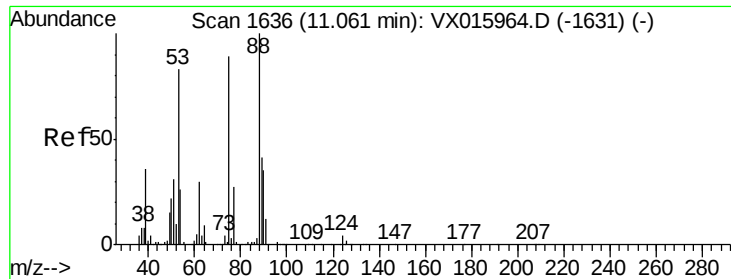
77 1.4 21.6 65.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.266 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX015980.D
 Acq: 29 Apr 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 110617
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.3 117.5#
 89 0.0 37.2 55.8#

