

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016814.D
 Acq On : 17 Jun 2020 14:15
 Operator : JC/SP
 Sample : VX0617WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBL01

Quant Time: Jun 18 00:43:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	313773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	501621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	498594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	253997	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	173361	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
35) Dibromofluoromethane	5.46	113	150735	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
50) Toluene-d8	8.70	98	608647	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	
62) 4-Bromofluorobenzene	11.12	95	247175	56.63	ug/l	0.00
Spiked Amount			Recovery	=	113.26%	

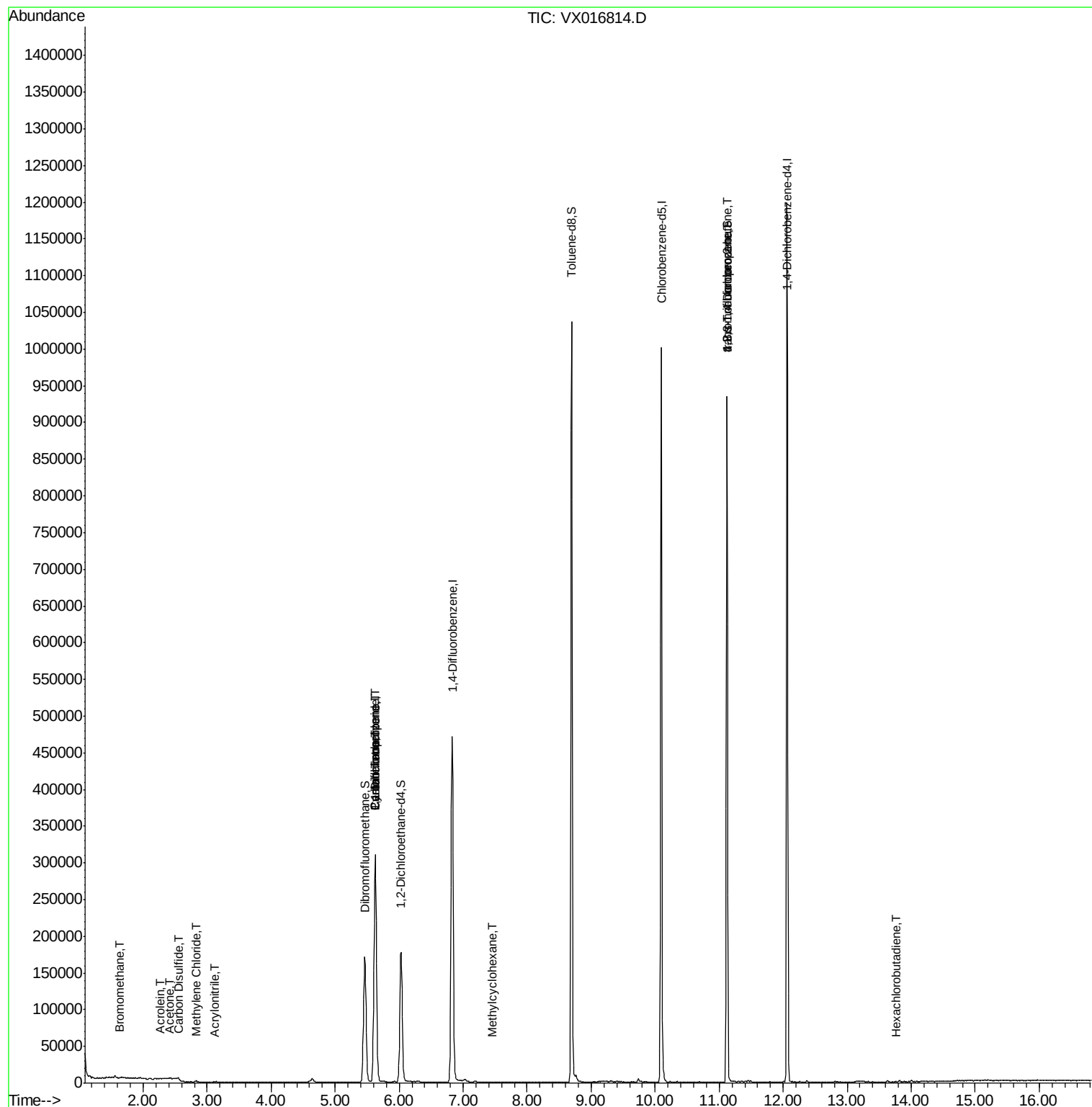
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	666	0.293	ug/l	98
13) Acrolein	2.27	56	506	3.634	ug/l #	1
15) Acrylonitrile	3.12	53	569	0.316	ug/l	94
16) Acetone	2.41	43	1472	0.919	ug/l #	88
17) Carbon Disulfide	2.55	76	2520	0.287	ug/l	98
20) Methylene Chloride	2.83	84	894	0.259	ug/l #	77
31) Cyclohexane	5.62	56	4959	1.773	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	21427	4.834	ug/l #	50
38) Carbon Tetrachloride	5.62	117	28928	5.746	ug/l #	16
39) Methylcyclohexane	7.45	83	54	0.963	ug/l #	55
76) 1,2,3-Trichloropropane	11.12	75	117738	22.042	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	117738	55.491	ug/l #	13
94) Hexachlorobutadiene	13.76	225	197	0.493	ug/l	88

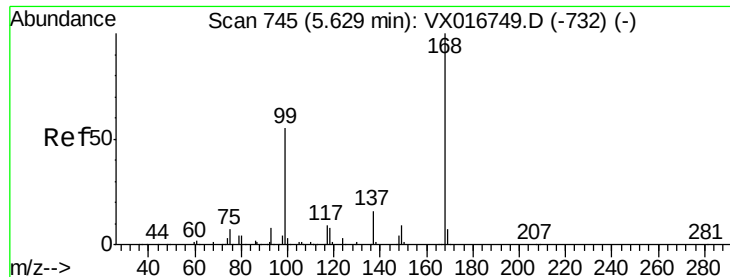
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061720\
Data File : VX016814.D
Acq On : 17 Jun 2020 14:15
Operator : JC/SP
Sample : VX0617WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX0617WBL01

Quant Time: Jun 18 00:43:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016814.D

Acq: 17 Jun 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

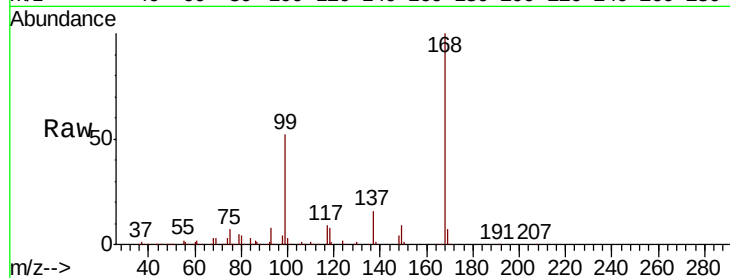
VX0617WBL01

Tot Ion:168 Resp: 313773

Ion Ratio Lower Upper

168 100

99 51.7 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

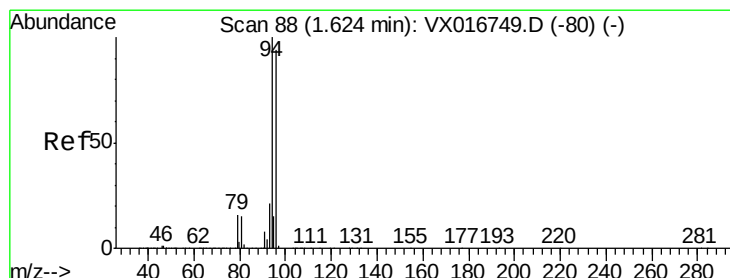
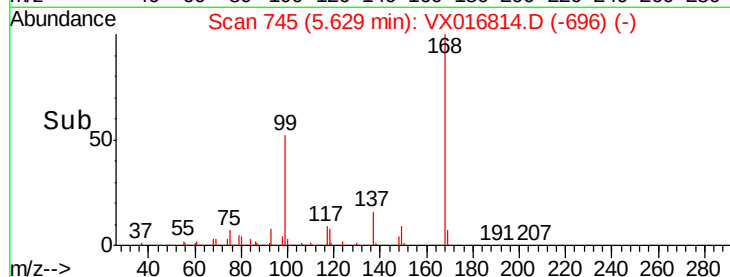
100000

50000

0

Time-->

5.50 5.60 5.70



#5

Bromomethane

Concen: 0.293 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016814.D

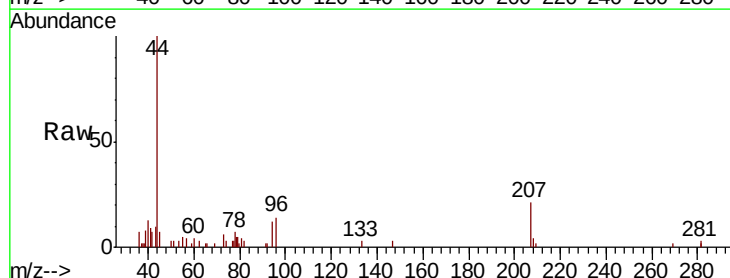
Acq: 17 Jun 2020 14:15

Tgt Ion: 94 Resp: 666

Ion Ratio Lower Upper

94 100

96 95.8 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

300

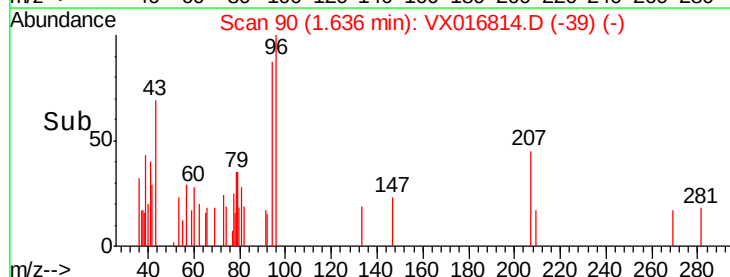
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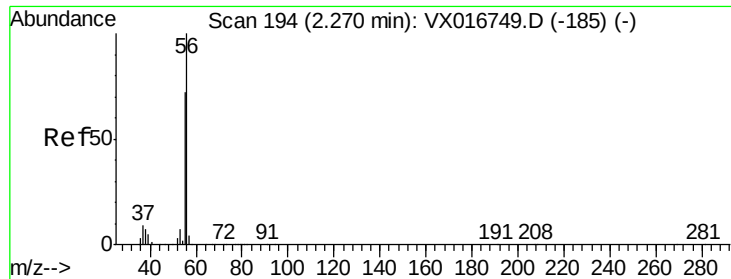
100

0

Time-->

1.60 1.65 1.70





#13

Acrolein

Concen: 3.634 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016814.D

Acq: 17 Jun 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

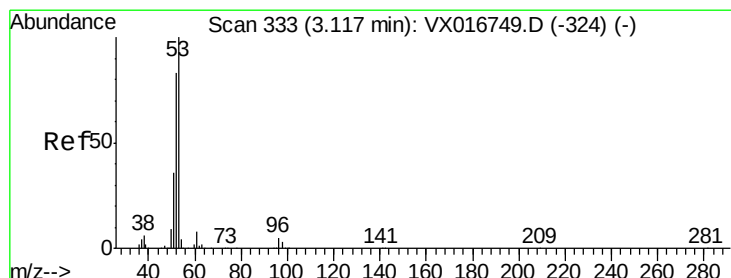
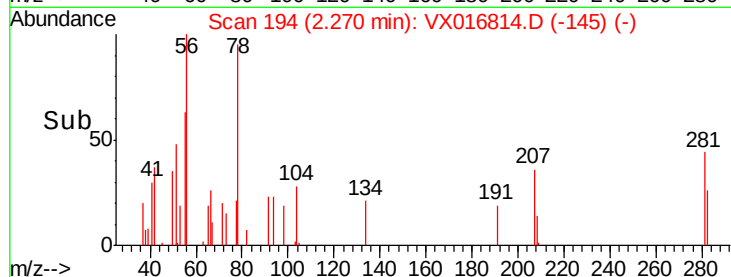
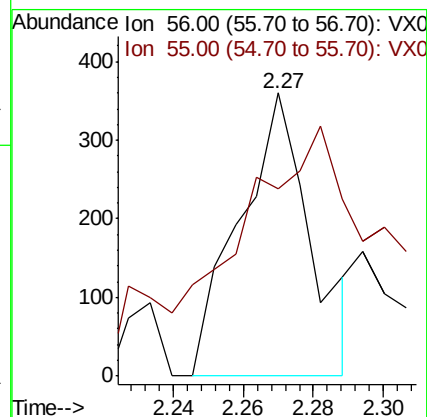
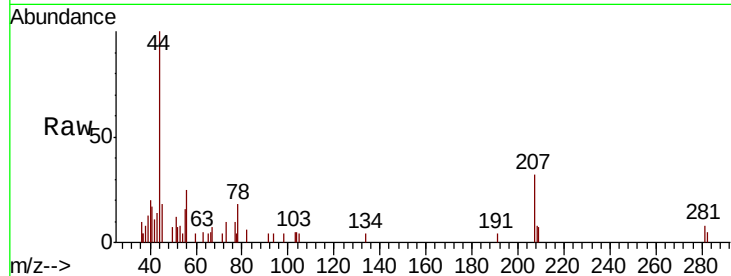
VX0617WBL01

Tot Ion: 56 Resp: 506

Ion Ratio Lower Upper

56 100

55 213.6 58.2 87.4#



#15

Acrylonitrile

Concen: 0.316 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016814.D

Acq: 17 Jun 2020 14:15

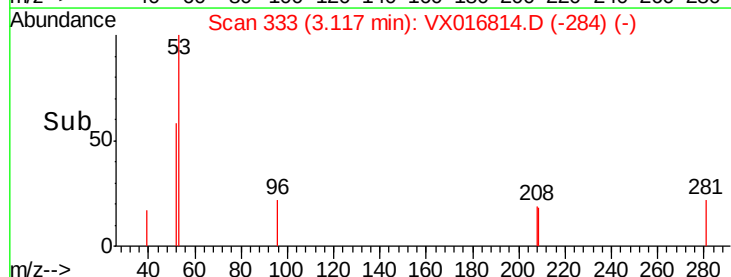
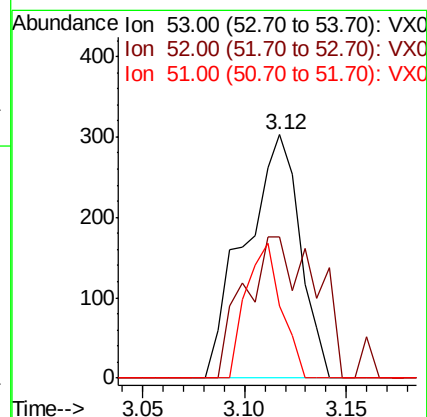
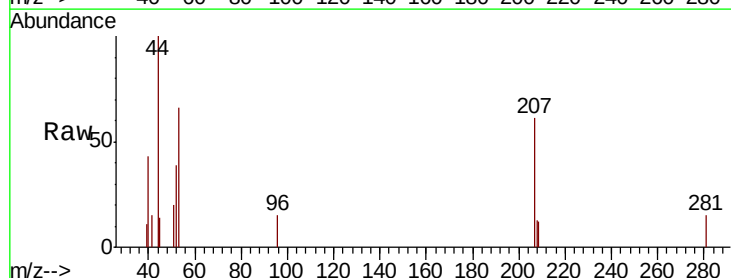
Tgt Ion: 53 Resp: 569

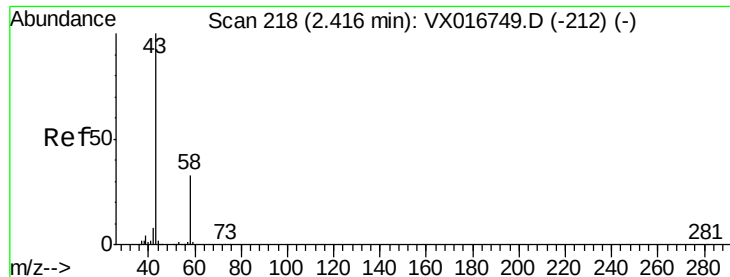
Ion Ratio Lower Upper

53 100

52 74.7 65.5 98.3

51 35.3 28.6 42.8





#16

Acetone

Concen: 0.919 ug/l

RT: 2.41 min Scan# 217

Delta R.T. -0.01 min

Lab File: VX016814.D

Acq: 17 Jun 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

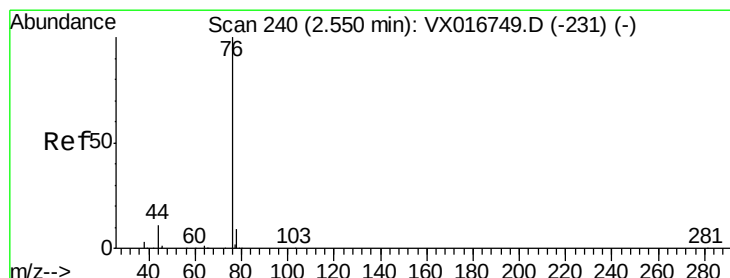
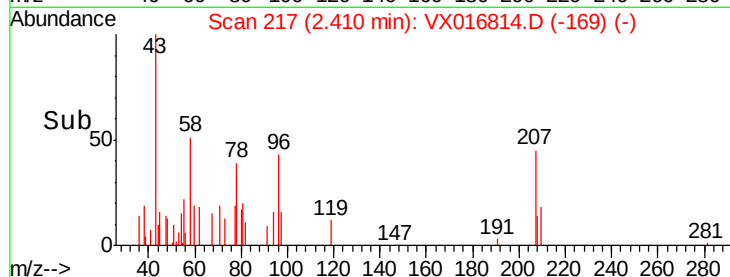
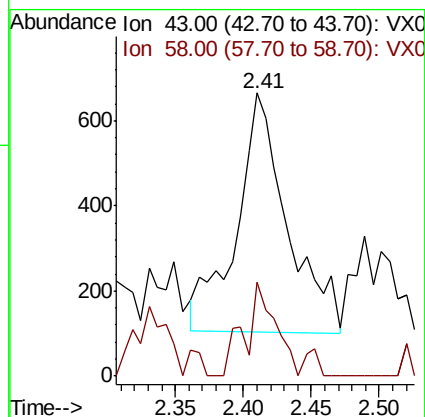
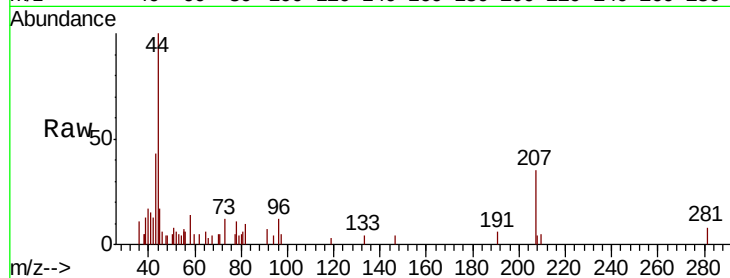
VX0617WBL01

Tot Ion: 43 Resp: 1472

Ion Ratio Lower Upper

43 100

58 39.9 26.3 39.5#



#17

Carbon Disulfide

Concen: 0.287 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016814.D

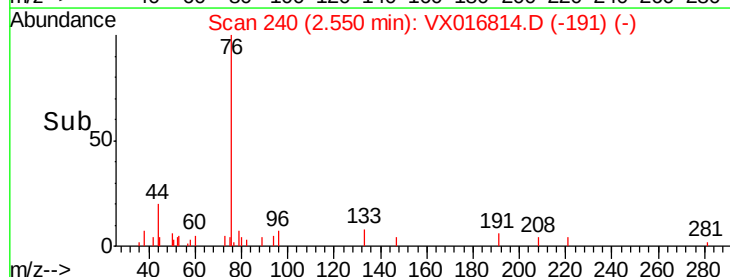
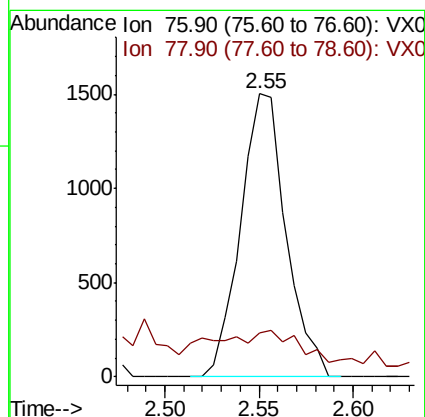
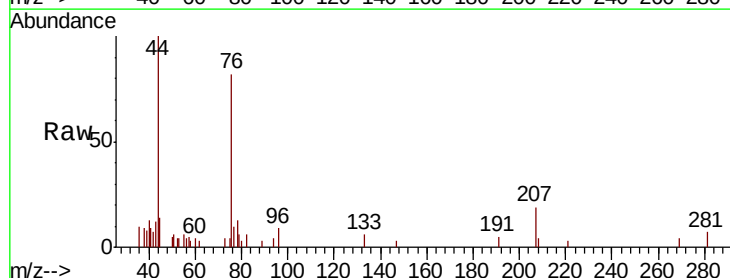
Acq: 17 Jun 2020 14:15

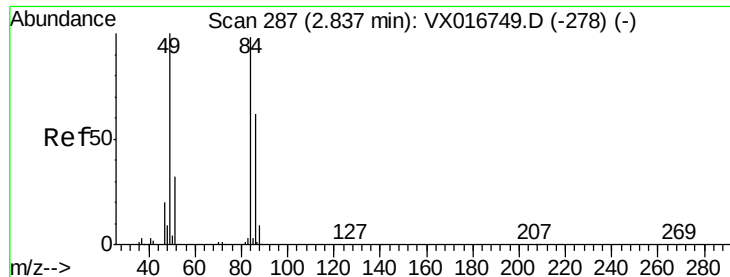
Tgt Ion: 76 Resp: 2520

Ion Ratio Lower Upper

76 100

78 9.9 7.3 10.9

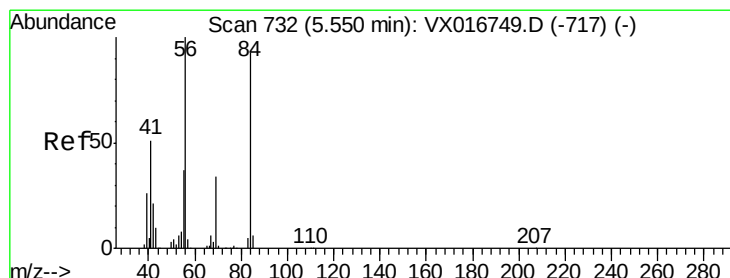
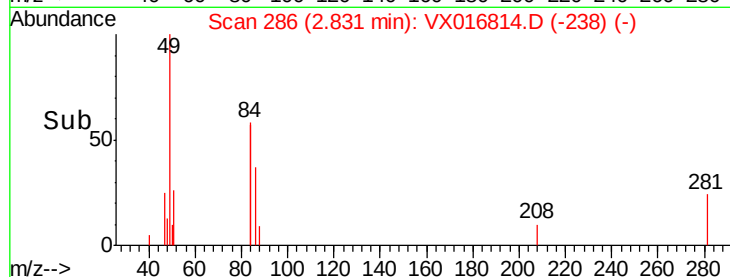
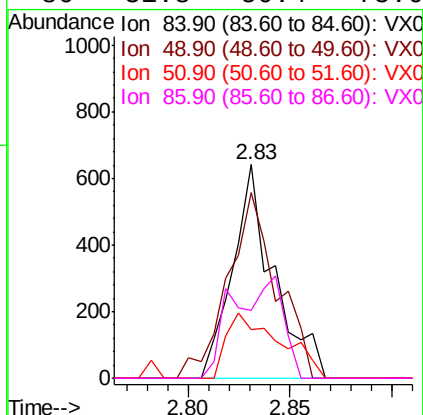
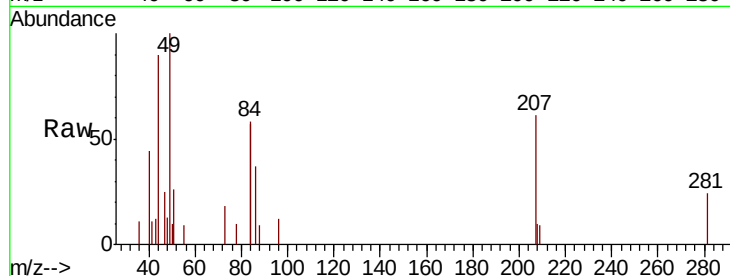




#20
Methylene Chloride
Concen: 0.259 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016814.D
Acq: 17 Jun 2020 14:15

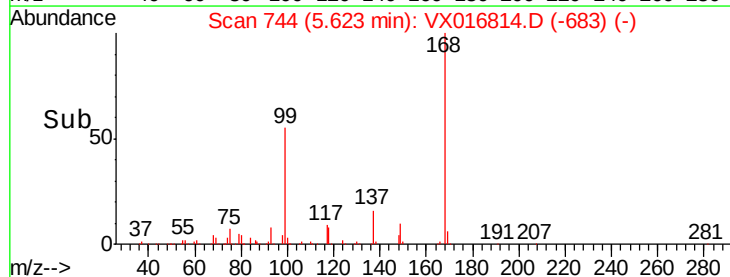
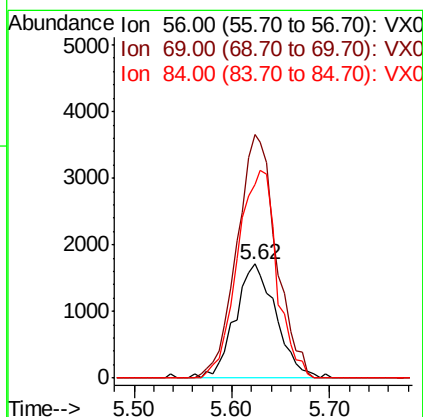
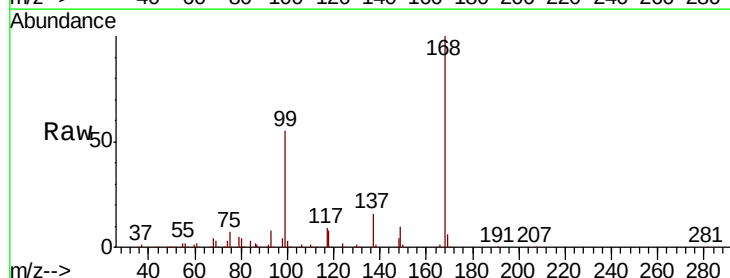
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBL01

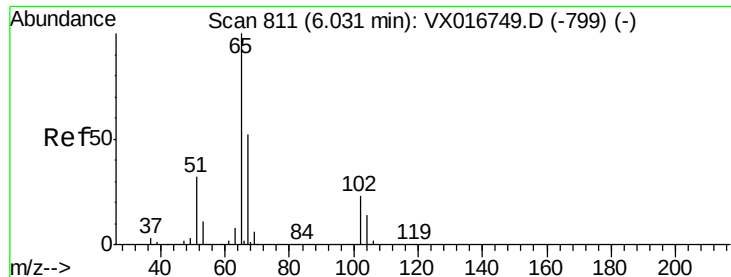
Tot Ion:	84	Resp:	894
Ion	Ratio	Lower	Upper
84	100		
49	87.1	81.8	122.8
51	22.9	25.8	38.8#
86	31.8	50.4	75.6#



#31
Cyclohexane
Concen: 1.773 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX016814.D
Acq: 17 Jun 2020 14:15

Tgt Ion:	56	Resp:	4959
Ion	Ratio	Lower	Upper
56	100		
69	214.1	27.1	40.7#
84	169.9	74.0	111.0#

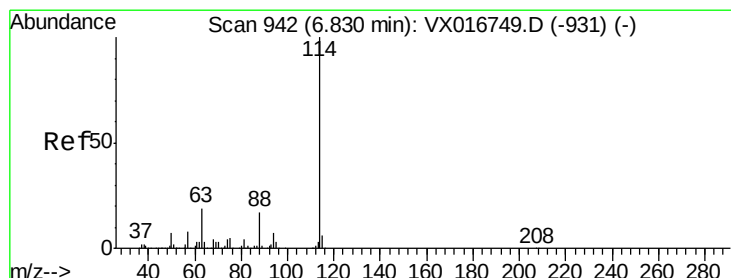
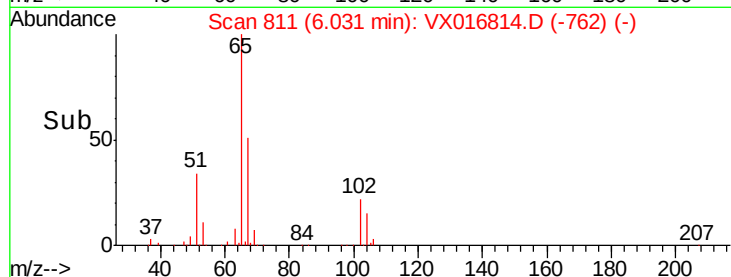
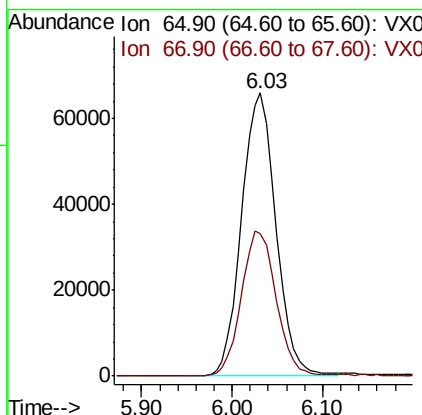
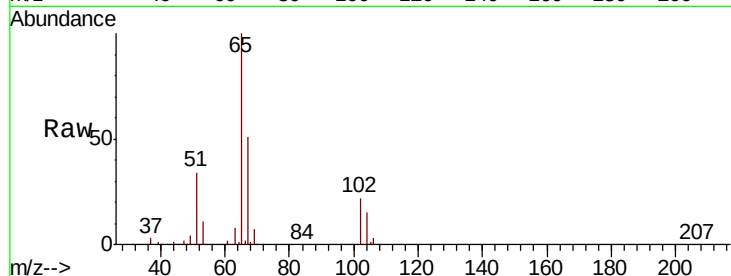




#33
 1,2-Dichloroethane-d4
 Concen: 49.123 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016814.D
 Acq: 17 Jun 2020 14:15

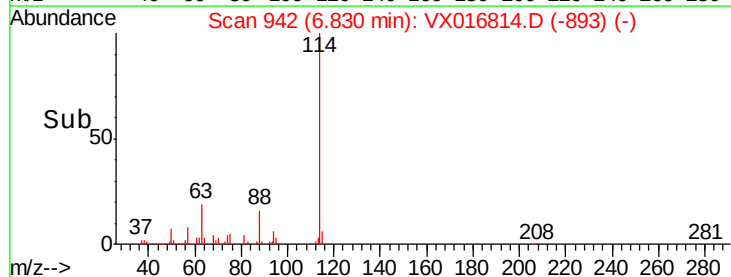
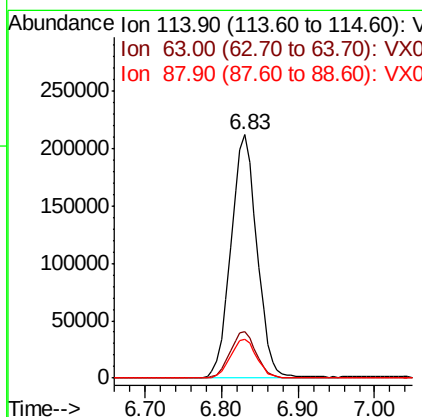
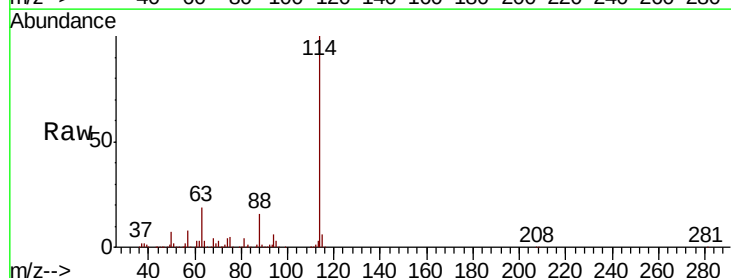
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBL01

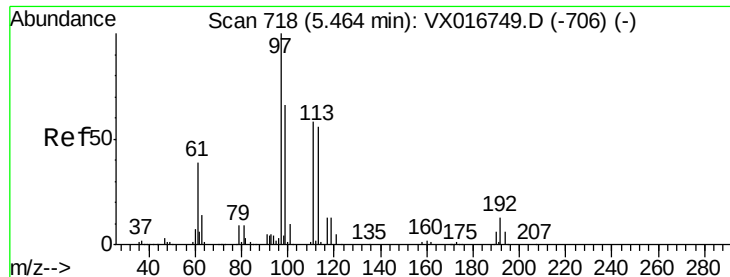
Tot Ion: 65 Resp: 173361
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016814.D
 Acq: 17 Jun 2020 14:15

Tgt Ion: 114 Resp: 501621
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.8
 88 16.2 0.0 33.4

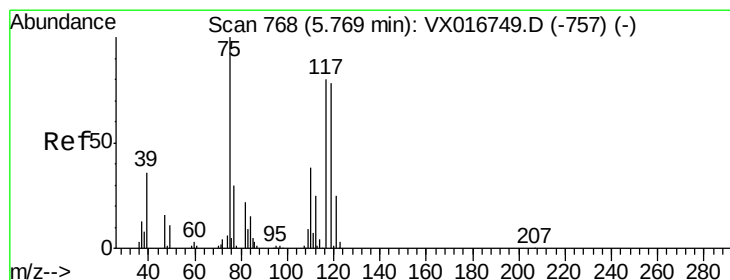
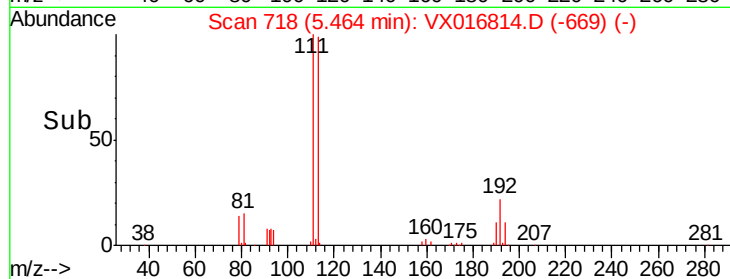
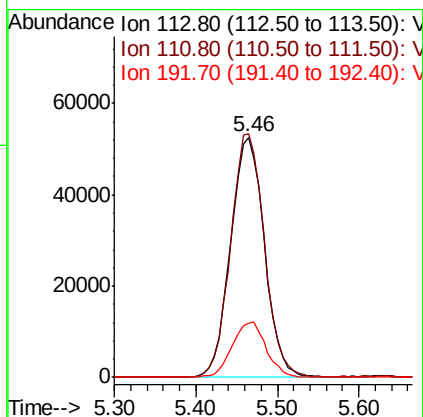
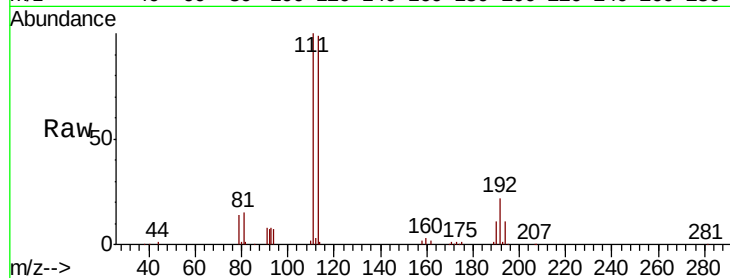




#35
 Dibromofluoromethane
 Concen: 48.704 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016814.D
 Acq: 17 Jun 2020 14:15

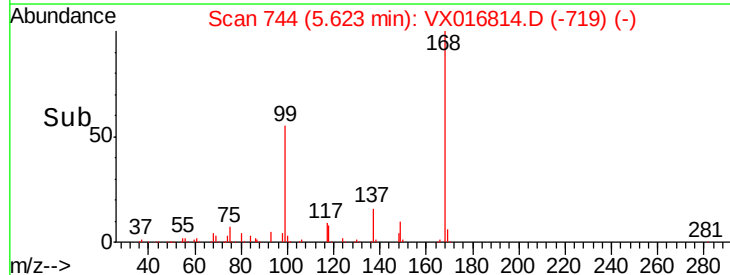
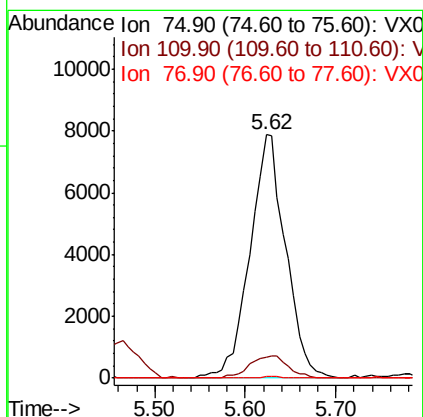
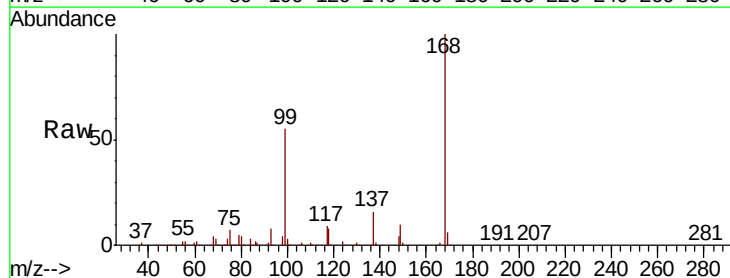
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBL01

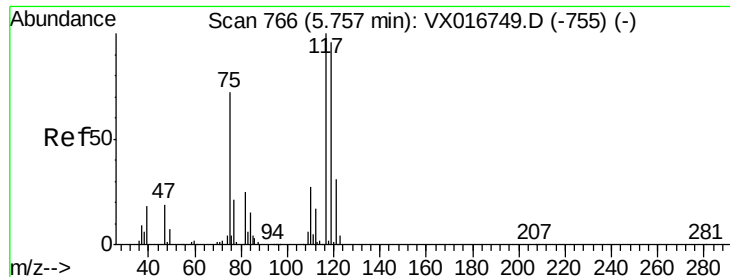
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.6
192	23.2	18.2	27.4



#36
 1,1-Dichloropropene
 Concen: 4.834 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX016814.D
 Acq: 17 Jun 2020 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.4	55.2#
77	0.3	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.746 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX016814.D

Acq: 17 Jun 2020 14:15

Instrument :

MSVOA_X

ClientSampled :

VX0617WBL01

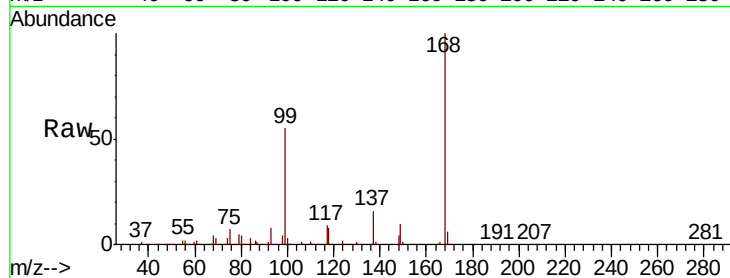
Tot Ion:117 Resp: 28928

Ion Ratio Lower Upper

117 100

119 5.0 76.7 115.1#

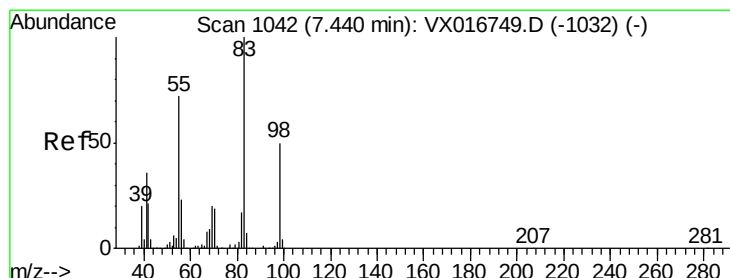
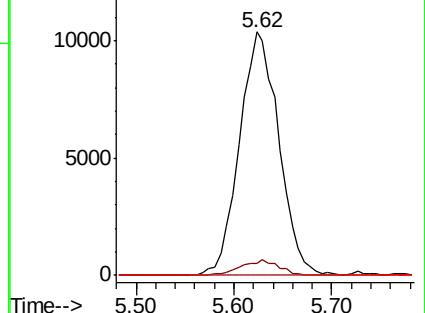
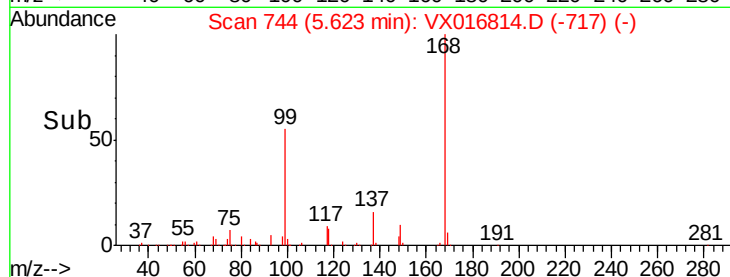
121 0.0 24.7 37.1#



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



#39

Methylcyclohexane

Concen: 0.963 ug/l

RT: 7.45 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VX016814.D

Acq: 17 Jun 2020 14:15

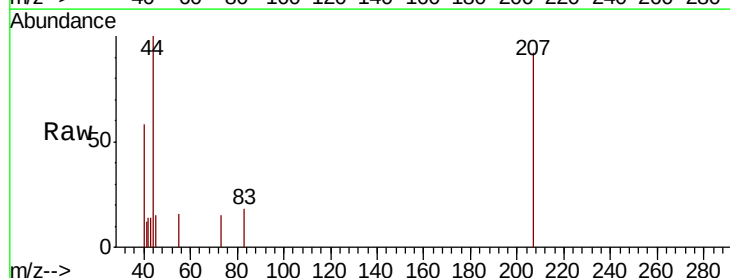
Tgt Ion: 83 Resp: 54

Ion Ratio Lower Upper

83 100

55 92.1 57.3 85.9#

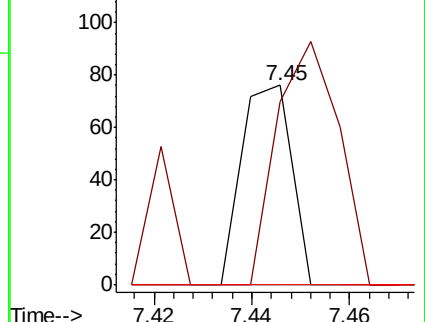
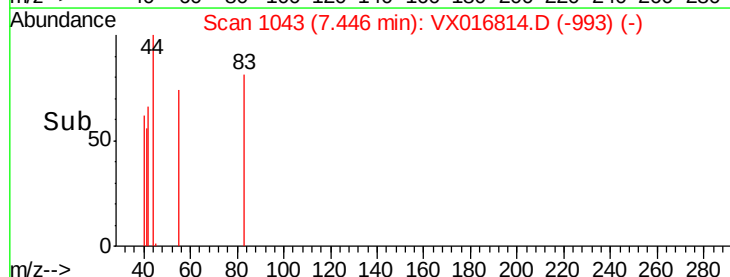
98 0.0 40.3 60.5#

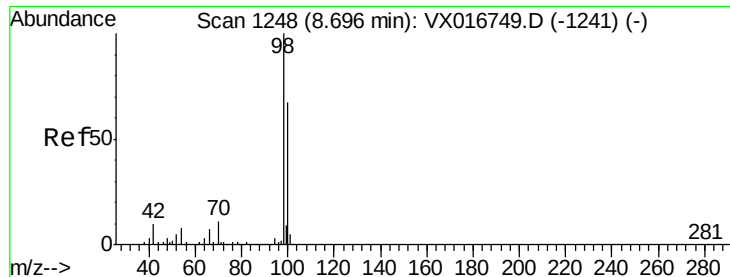


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

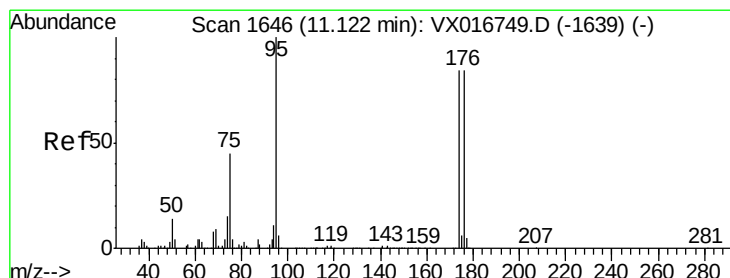
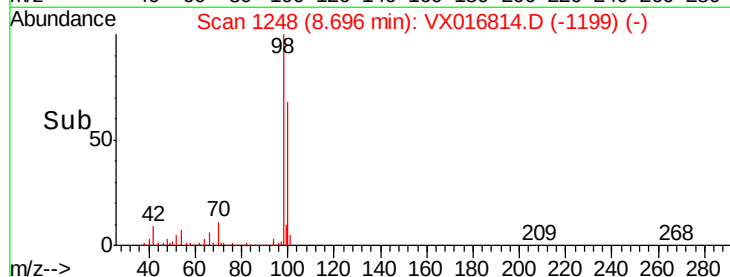
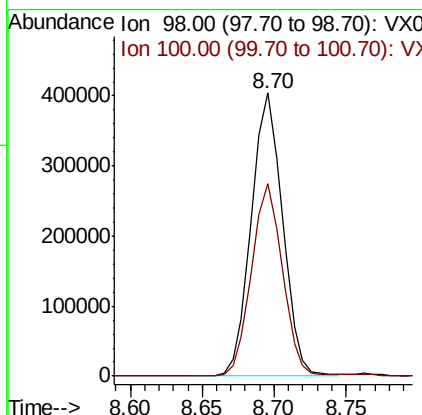
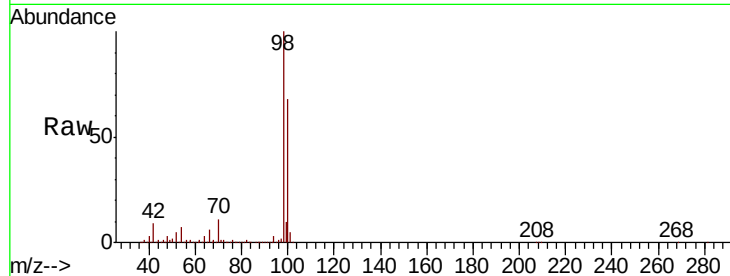




#50
Toluene-d8
Concen: 53.335 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016814.D
Acq: 17 Jun 2020 14:15

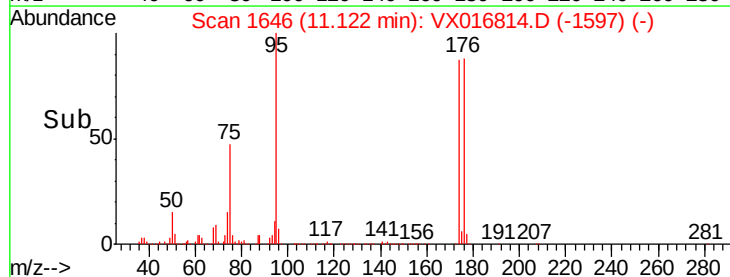
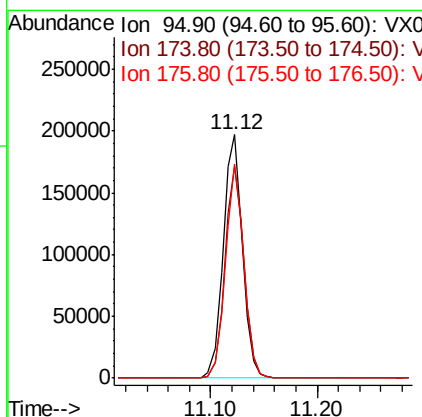
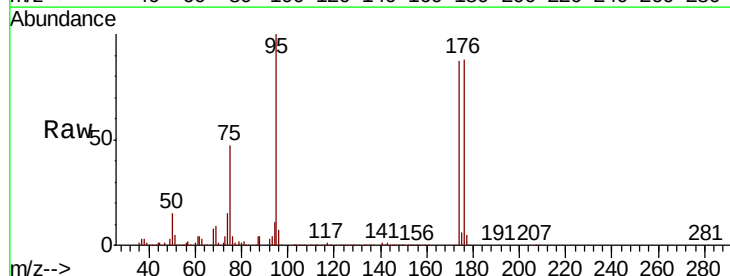
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBL01

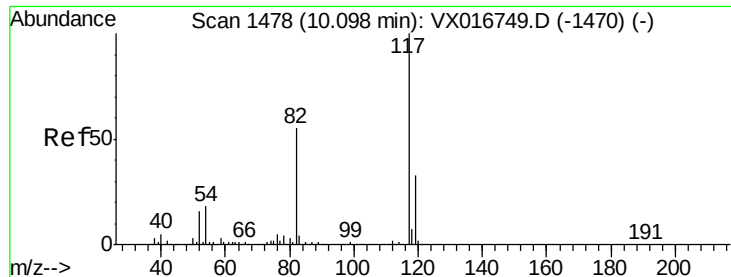
Tot Ion: 98 Resp: 608647
Ion Ratio Lower Upper
98 100
100 67.3 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 56.626 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016814.D
Acq: 17 Jun 2020 14:15

Tgt Ion: 95 Resp: 247175
Ion Ratio Lower Upper
95 100
174 86.3 0.0 171.0
176 84.7 0.0 166.2

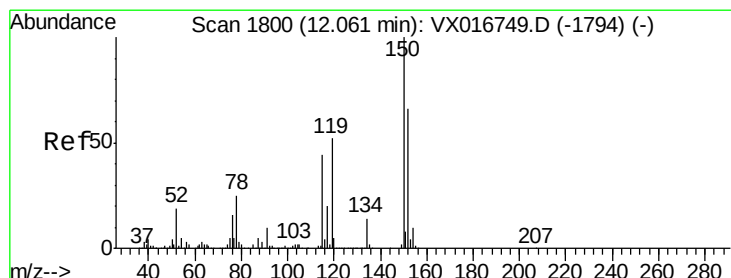
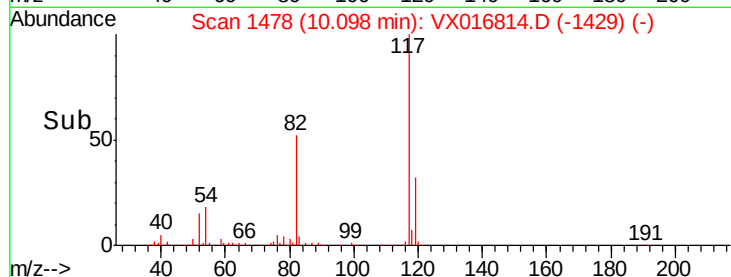
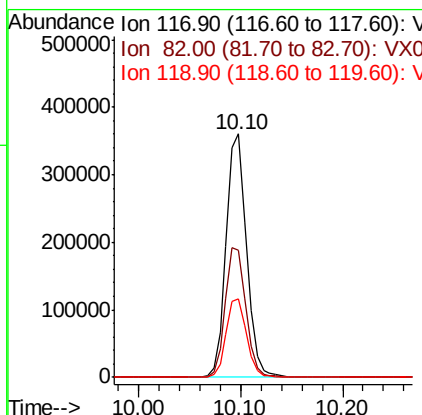
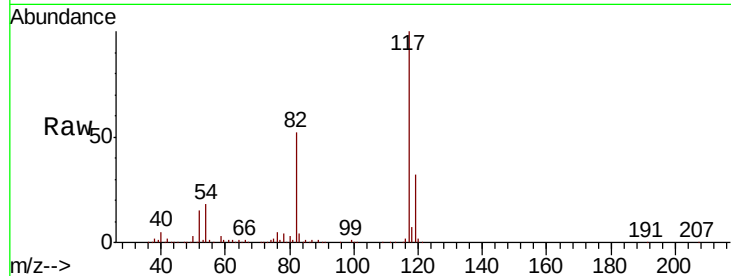




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016814.D
Acq: 17 Jun 2020 14:15

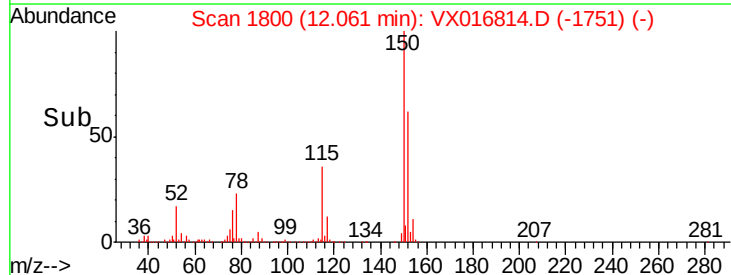
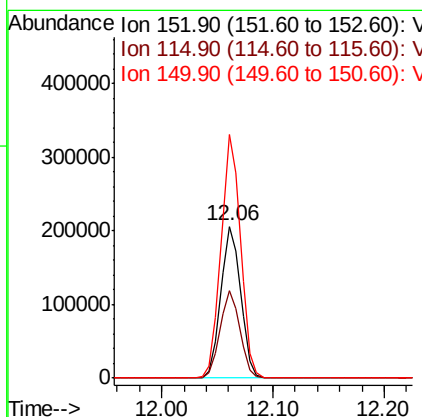
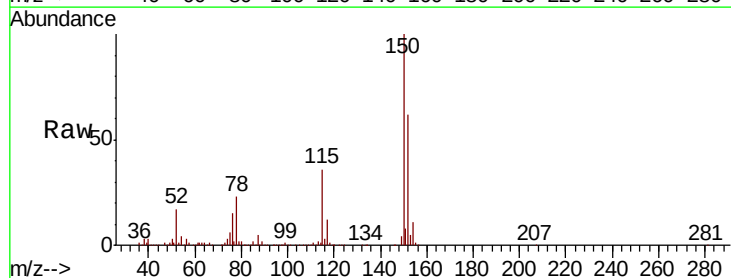
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBL01

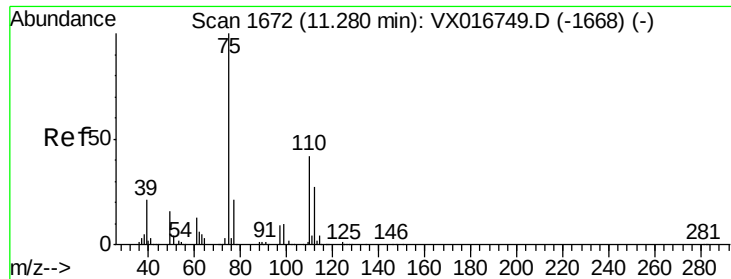
Tot Ion:117 Resp: 498594
Ion Ratio Lower Upper
117 100
82 52.4 43.8 65.6
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016814.D
Acq: 17 Jun 2020 14:15

Tgt Ion:152 Resp: 253997
Ion Ratio Lower Upper
152 100
115 57.4 40.3 120.8
150 158.6 0.0 337.4





#76

1,2,3-Trichloropropane

Concen: 22.042 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016814.D

Acq: 17 Jun 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

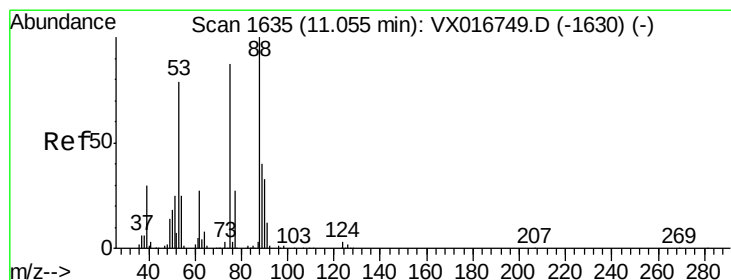
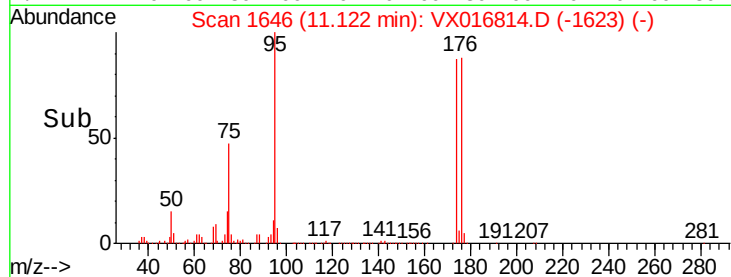
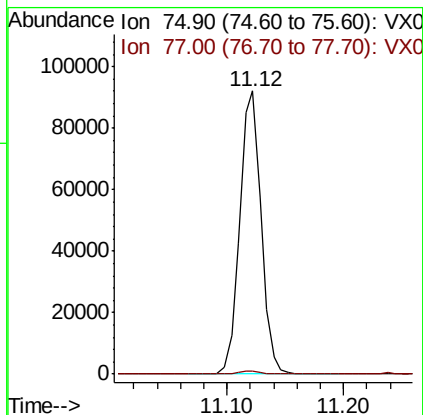
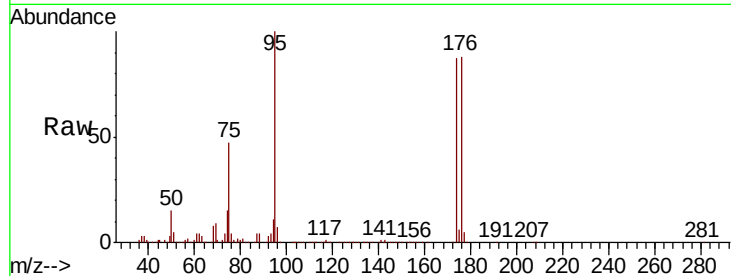
VX0617WBL01

Tot Ion: 75 Resp: 117738

Ion Ratio Lower Upper

75 100

77 1.3 20.3 60.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.491 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX016814.D

Acq: 17 Jun 2020 14:15

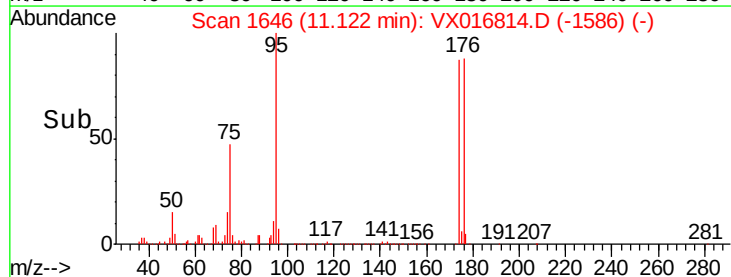
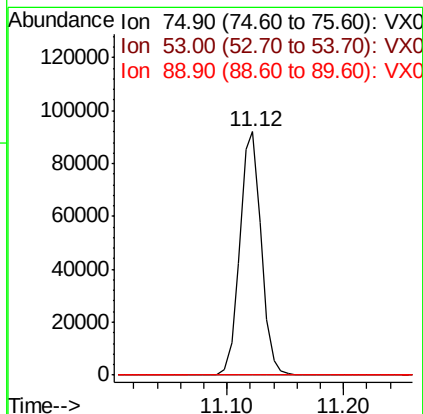
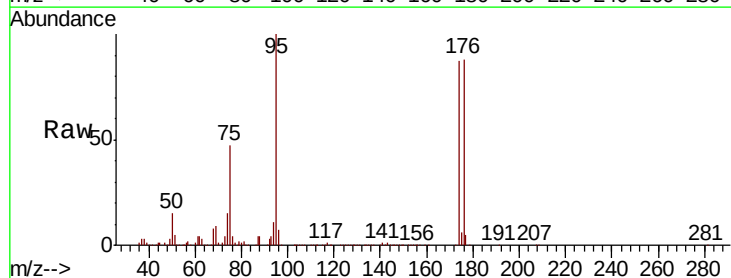
Tgt Ion: 75 Resp: 117738

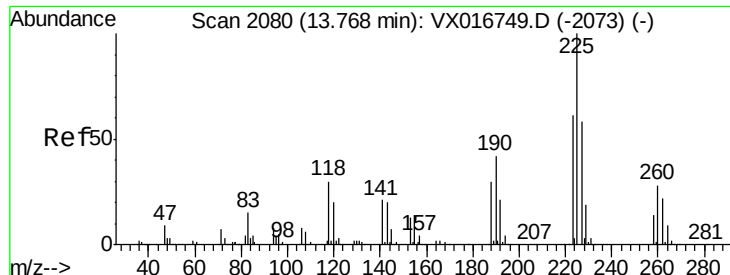
Ion Ratio Lower Upper

75 100

53 0.1 71.4 107.0#

89 0.0 39.1 58.7#





#94

Hexachlorobutadiene

Concen: 0.493 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016814.D

Acq: 17 Jun 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBL01

Tot Ion:	225	Resp:	197
Ion	Ratio	Lower	Upper
225	100		
223	69.5	31.1	93.5
227	50.3	30.9	92.7

