

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013064.D
 Acq On : 14 Oct 2019 19:59
 Operator : JC/SP
 Sample : K5266-02ME
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 01:30:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282936	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	223599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90913	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	104304	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
35) Dibromofluoromethane	5.50	113	79248	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	8.71	98	321740	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.14	95	100109	40.68	ug/l	0.00
Spiked Amount			Recovery	=	81.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	7045	3.494	ug/l #	67
5) Bromomethane	1.63	94	684	0.816	ug/l	95
6) Chloroethane	1.69	64	908	1.099	ug/l	94
10) Methyl Iodide	2.48	142	418	5.270	ug/l #	89
11) Tert butyl alcohol	3.01	59	12014	20.593	ug/l #	76
12) 1,1-Dichloroethene	2.34	96	2217	1.246	ug/l	86
18) Methyl Acetate	2.78	43	3479	1.265	ug/l #	82
20) Methylene Chloride	2.83	84	2019	0.947	ug/l	93
24) 1,1-Dichloroethane	3.67	63	5196	1.521	ug/l	93
27) cis-1,2-Dichloroethene	4.58	96	32039	14.574	ug/l	87
29) Tetrahydrofuran	5.15	42	628	0.634	ug/l #	75
31) Cyclohexane	5.56	56	960	0.301	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	1902	0.640	ug/l #	47
36) 1,1-Dichloropropene	5.64	75	13548	5.446	ug/l #	51
38) Carbon Tetrachloride	5.64	117	18154	7.498	ug/l #	17
39) Methylcyclohexane	7.45	83	6830	2.264	ug/l	95
41) Methacrylonitrile	5.15	41	363	0.237	ug/l #	35
42) 1,2-Dichloroethane	6.19	62	580	0.220	ug/l	82
55) 1,1,2-Trichloroethane	9.16	97	931	0.500	ug/l #	31
56) Ethyl methacrylate	9.15	69	183	1.884	ug/l #	1
60) Dibromochloromethane	9.33	129	1679	2.638	ug/l #	10
64) Tetrachloroethene	9.33	164	1883	1.214	ug/l #	87
65) Chlorobenzene	10.14	112	1915	0.431	ug/l	89
76) 1,2,3-Trichloropropane	11.14	75	49658	24.627	ug/l #	33
79) 2-Chlorotoluene	11.51	91	1578	0.341	ug/l	90
80) 1,3,5-Trimethylbenzene	11.67	105	1197	0.214	ug/l	65
81) trans-1,4-Dichloro-2-buten	11.14	75	49658	62.238	ug/l #	10
82) 4-Chlorotoluene	11.51	91	1578	0.298	ug/l	97
85) sec-Butylbenzene	11.94	105	1830	0.290	ug/l	98
90) Hexachloroethane	12.70	117	111	2.216	ug/l #	13
91) 1,2-Dichlorobenzene	12.39	146	1351	0.471	ug/l	92
95) Naphthalene	13.83	128	1935	0.311	ug/l #	90

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101419\
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Sample : K5266-02ME
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 15 01:30:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration

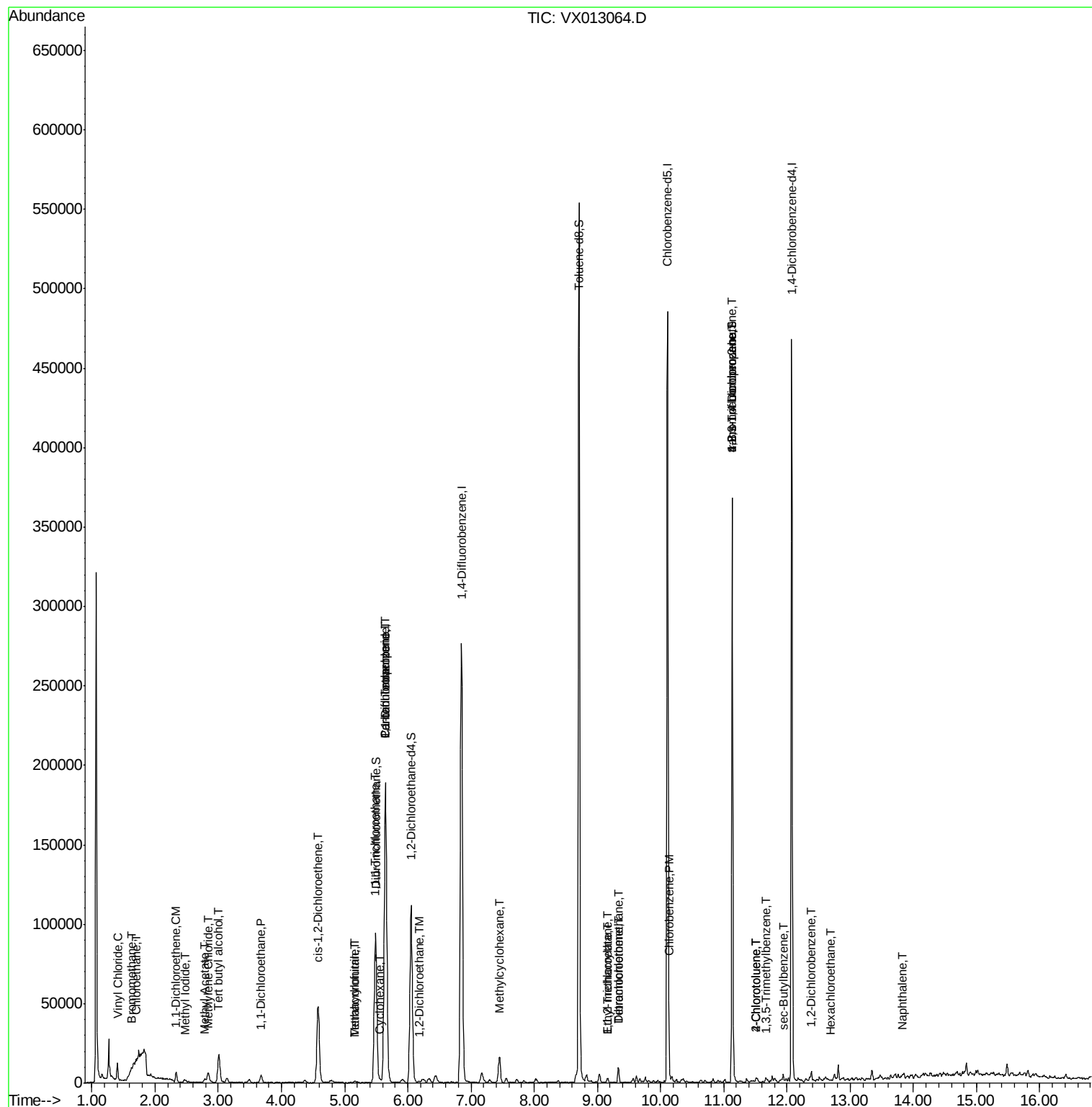
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

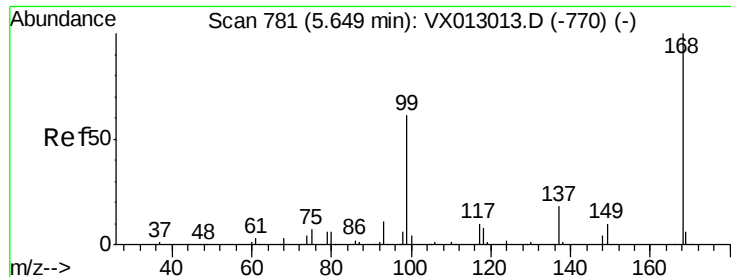
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101419\
Data File : VX013064.D
Acq On : 14 Oct 2019 19:59
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ClientSampleId :

Quant Time: Oct 15 01:30:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

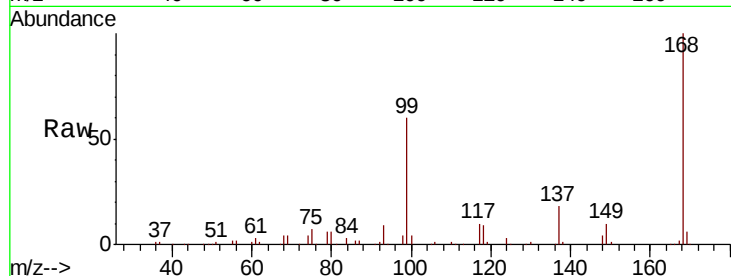
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 176082

Ion Ratio Lower Upper

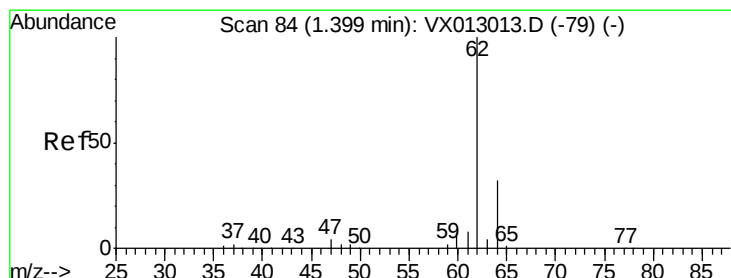
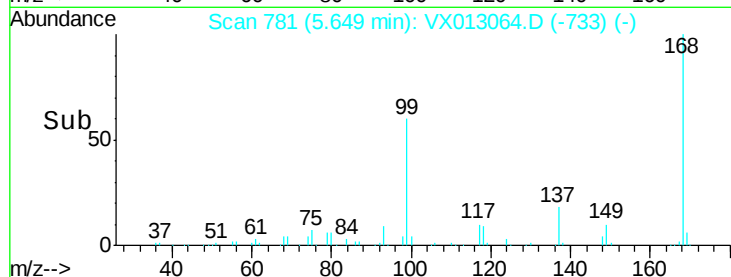
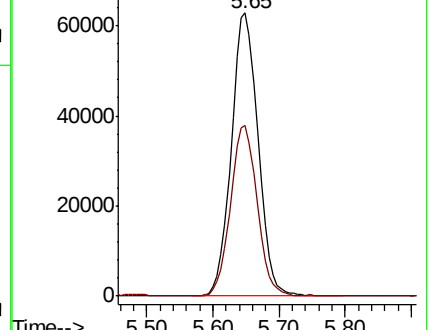
168 100

99 60.4 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 3.494 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX013064.D

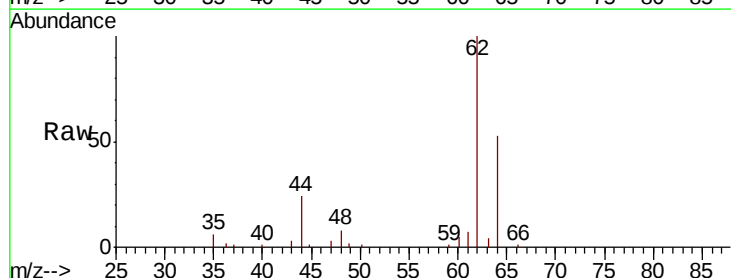
Acq: 14 Oct 2019 19:59

Tgt Ion: 62 Resp: 7045

Ion Ratio Lower Upper

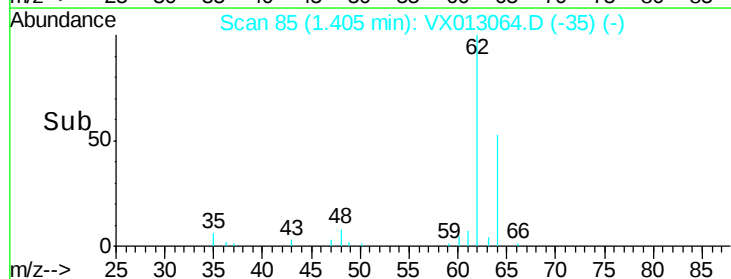
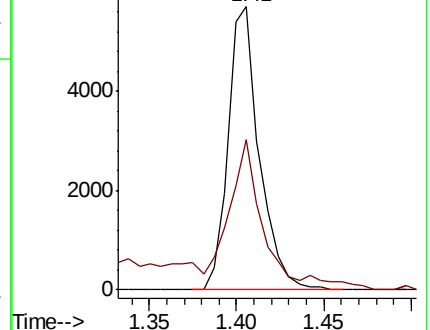
62 100

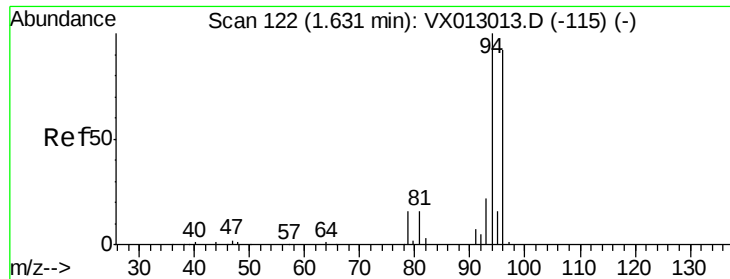
64 49.9 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.816 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

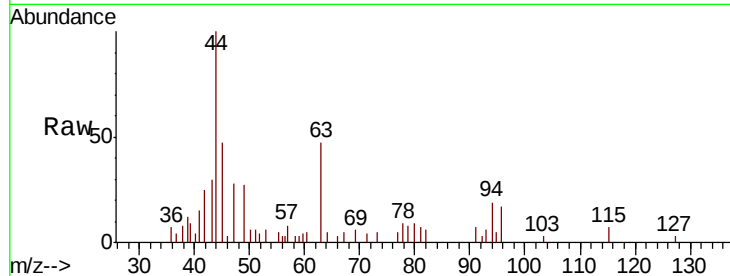
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 684

Ion Ratio Lower Upper

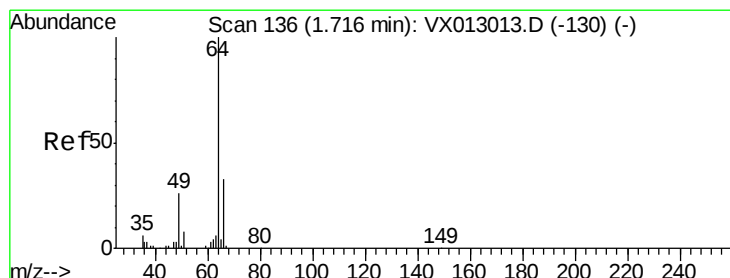
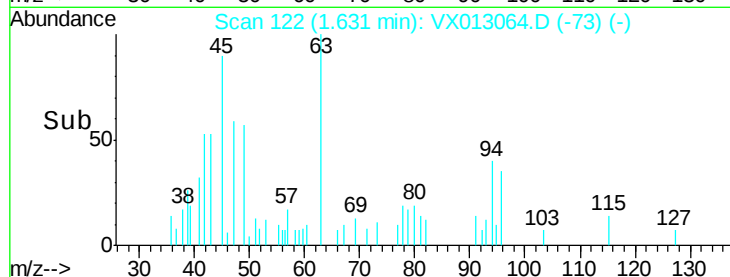
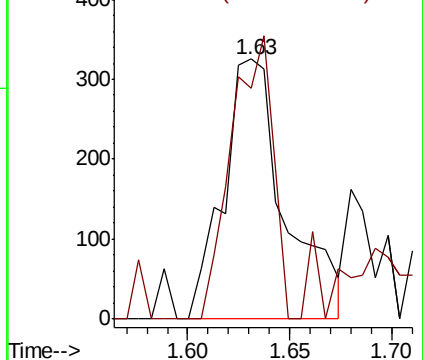
94 100

96 88.6 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.099 ug/l

RT: 1.69 min Scan# 132

Delta R.T. -0.02 min

Lab File: VX013064.D

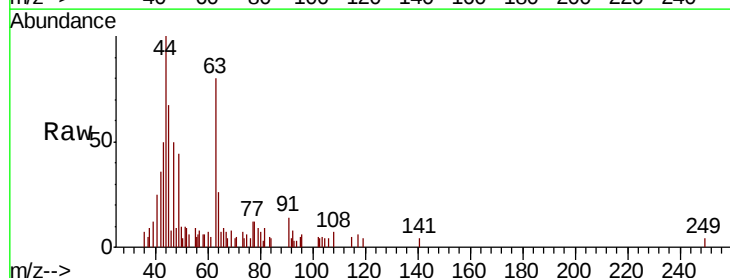
Acq: 14 Oct 2019 19:59

Tgt Ion: 64 Resp: 908

Ion Ratio Lower Upper

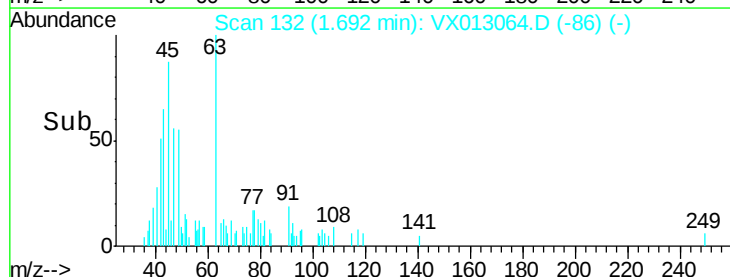
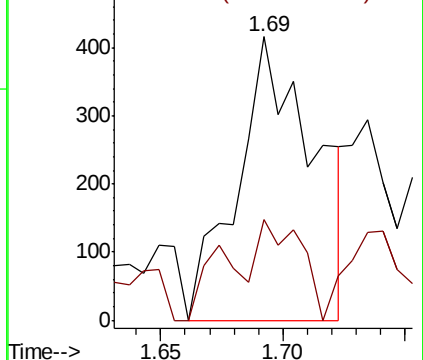
64 100

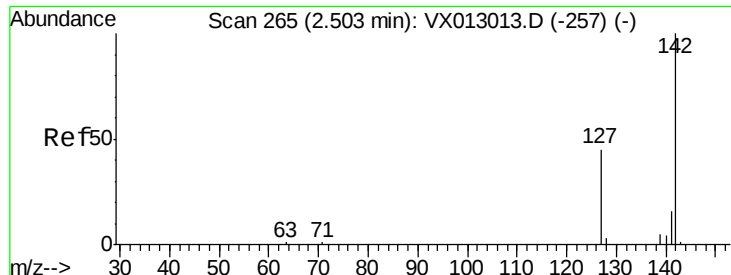
66 35.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

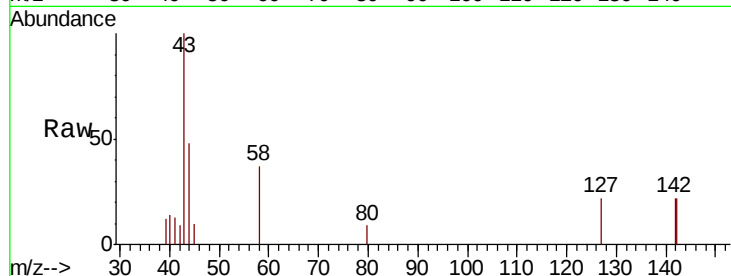




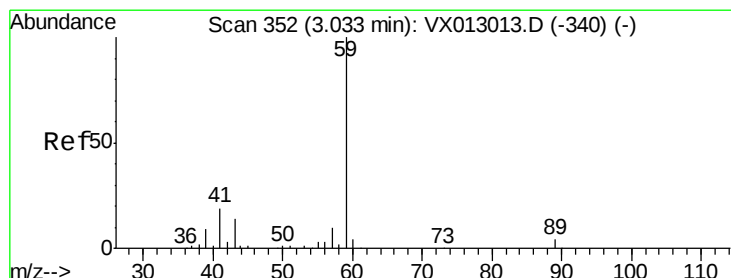
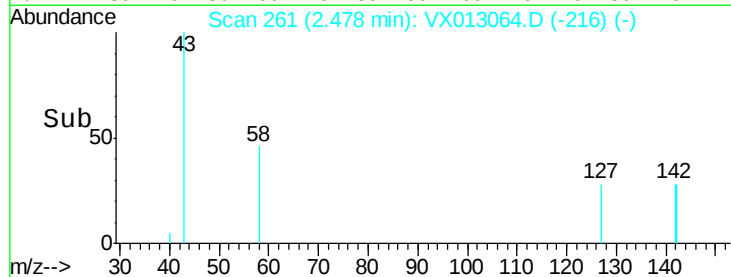
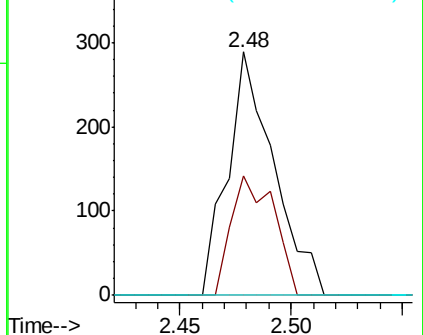
#10
Methvl Iodide
Concen: 5.270 ug/l
RT: 2.48 min Scan# 261
Delta R.T. -0.02 min
Lab File: VX013064.D
Acq: 14 Oct 2019 19:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 418
Ion Ratio Lower Upper
142 100
127 45.5 34.9 52.3
141 0.0 11.6 17.4#

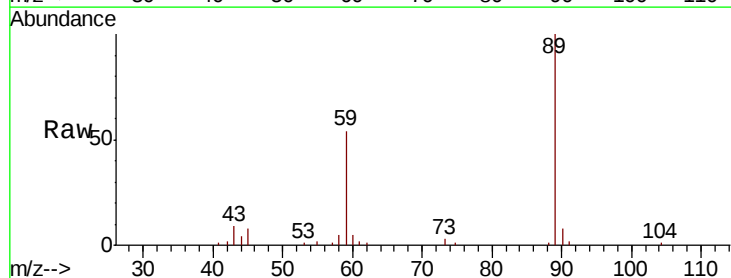


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

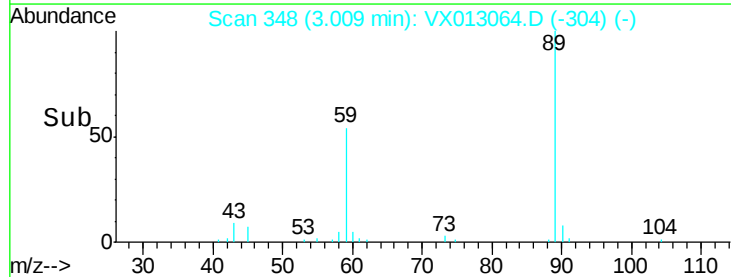
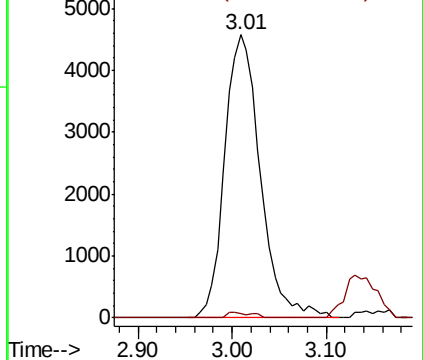


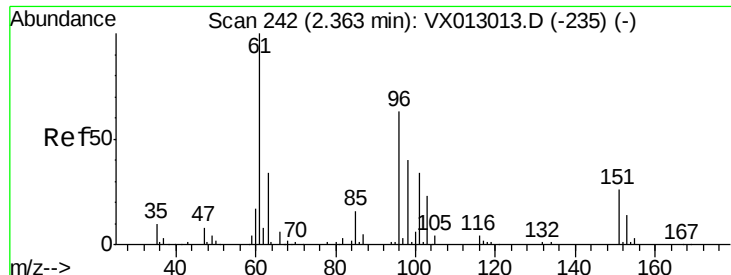
#11
Tert butyl alcohol
Concen: 20.593 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX013064.D
Acq: 14 Oct 2019 19:59

Tgt Ion: 59 Resp: 12014
Ion Ratio Lower Upper
59 100
57 1.3 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

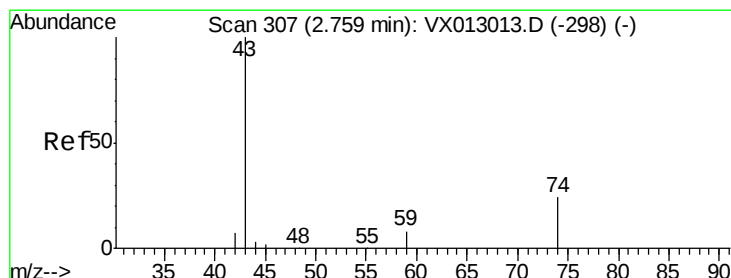
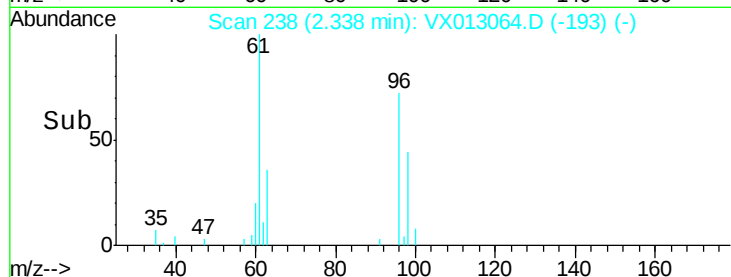
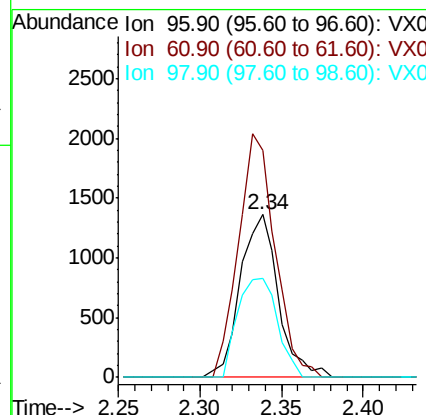
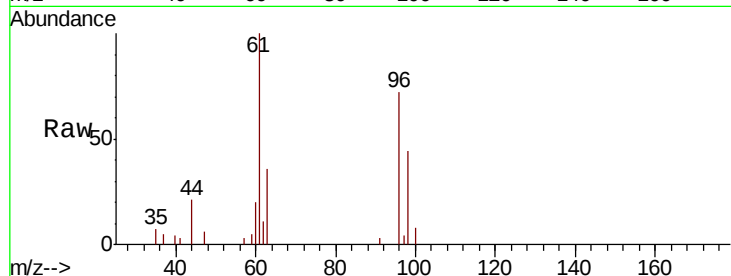




#12
 1,1-Dichloroethene
 Concen: 1.246 ug/l
 RT: 2.34 min Scan# 238
 Delta R.T. -0.02 min
 Lab File: VX013064.D
 Acq: 14 Oct 2019 19:59

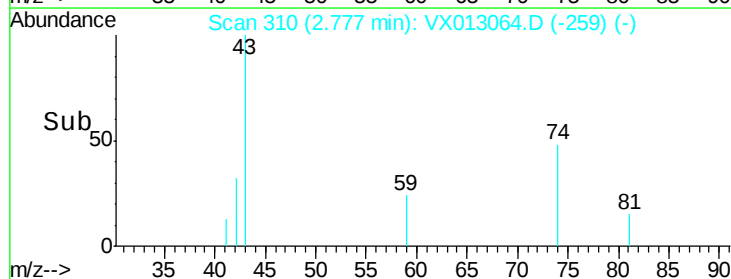
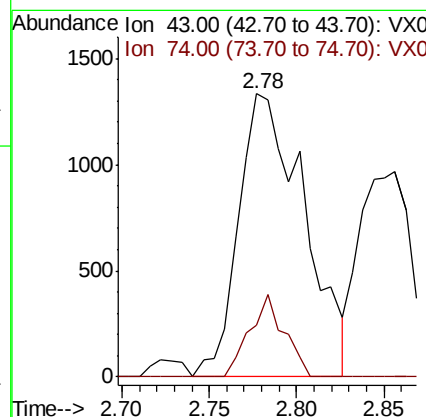
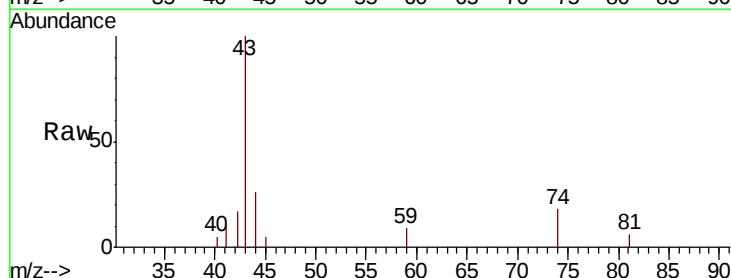
Instrument :
 MSVOA_X
 ClientSampled :

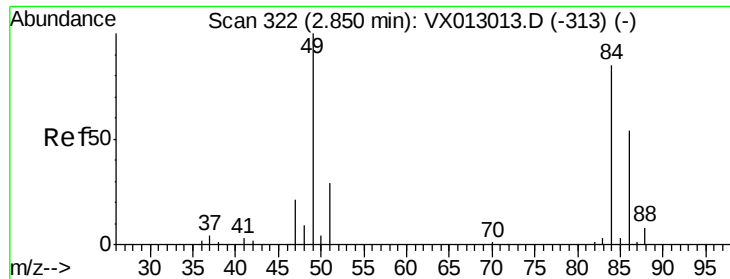
Tot Ion	96	Resp	2217
Ion	Ratio	Lower	Upper
96	100		
61	139.8	132.2	198.4
98	61.0	50.5	75.7



#18
 Methyl Acetate
 Concen: 1.265 ug/l
 RT: 2.78 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX013064.D
 Acq: 14 Oct 2019 19:59

Tgt Ion	43	Resp	3479
Ion	Ratio	Lower	Upper
43	100		
74	15.2	19.2	28.8#

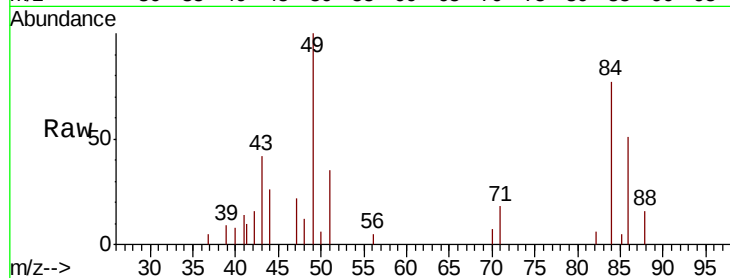




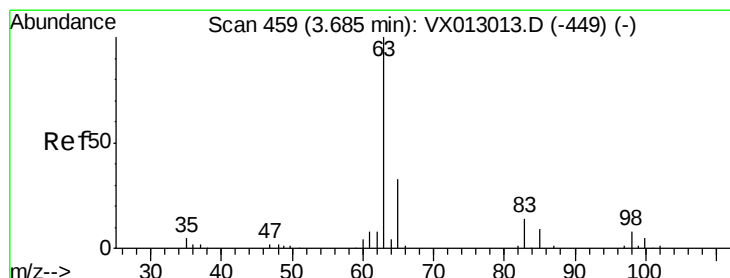
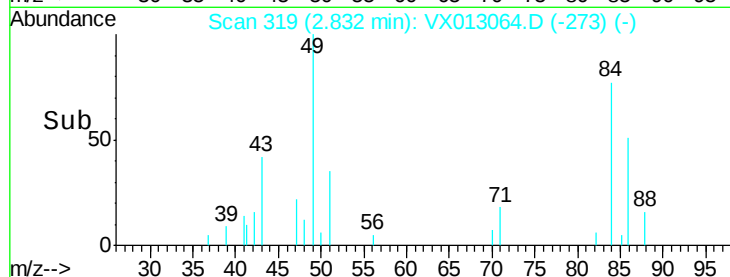
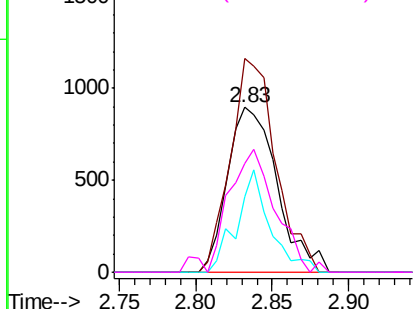
#20
Methvlene Chloride
Concen: 0.947 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.02 min
Lab File: VX013064.D
Acq: 14 Oct 2019 19:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	84	Resp:	2019
Ion	Ratio	Lower	Upper
84	100		
49	129.8	96.6	144.8
51	45.7	30.7	46.1
86	66.4	51.0	76.6

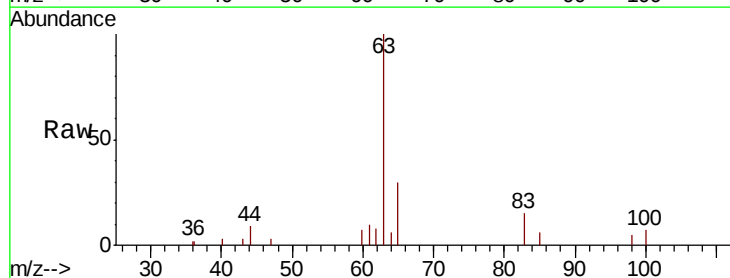


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

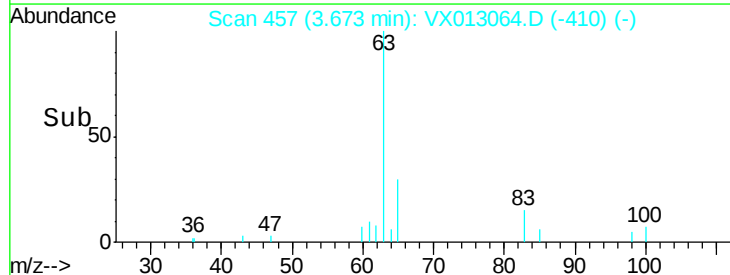
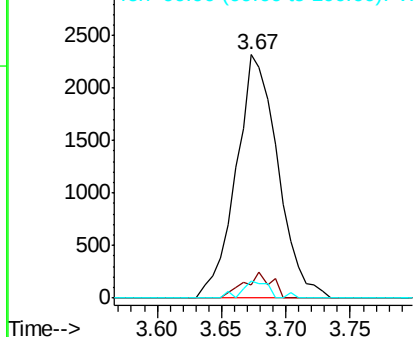


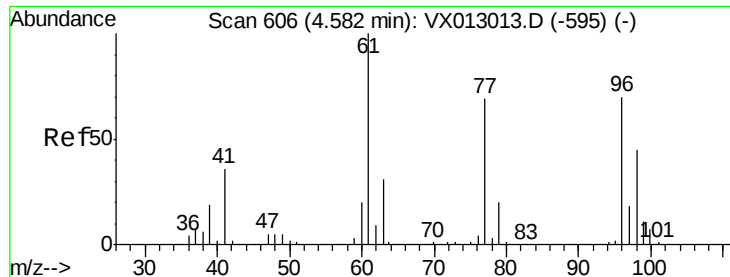
#24
1,1-Dichloroethane
Concen: 1.521 ug/l
RT: 3.67 min Scan# 457
Delta R.T. -0.01 min
Lab File: VX013064.D
Acq: 14 Oct 2019 19:59

Tgt Ion:	63	Resp:	5196
Ion	Ratio	Lower	Upper
63	100		
98	5.3	3.9	11.5
100	6.9	2.3	6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0

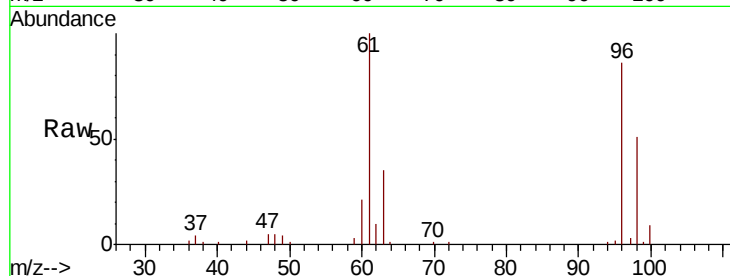




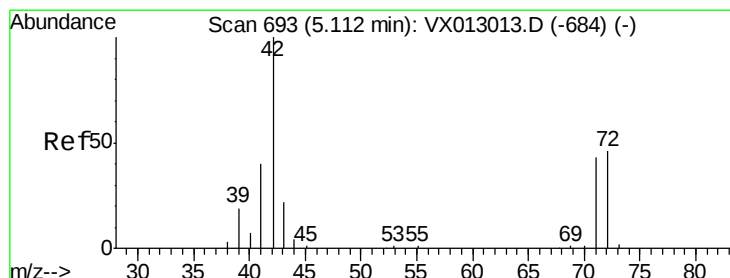
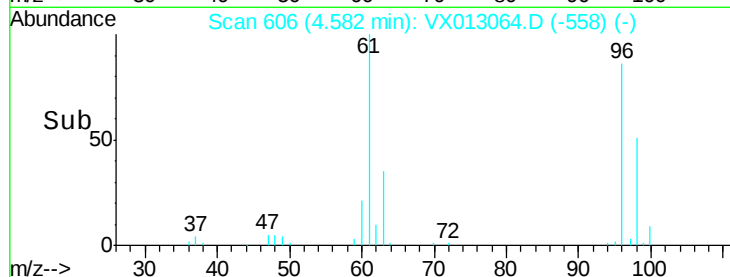
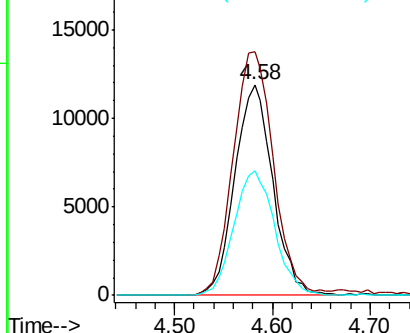
#27
 cis-1,2-Dichloroethene
 Concen: 14.574 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX013064.D
 Acq: 14 Oct 2019 19:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 32039
 Ion Ratio Lower Upper
 96 100
 61 123.1 0.0 290.6
 98 63.2 0.0 128.8

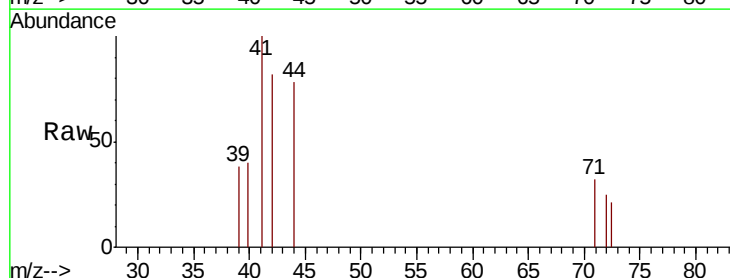


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

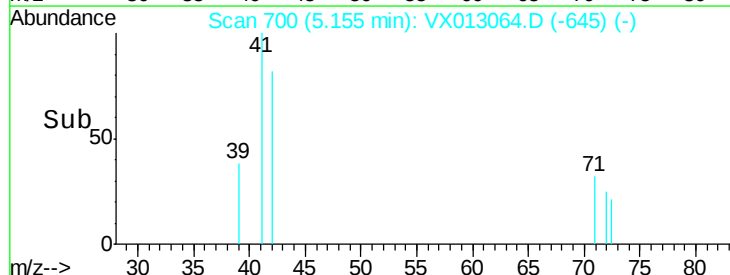
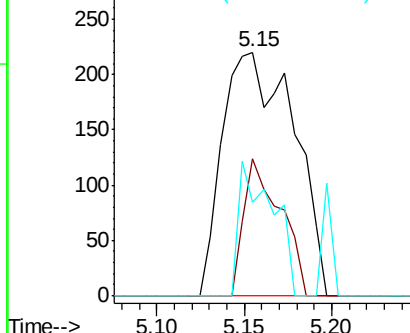


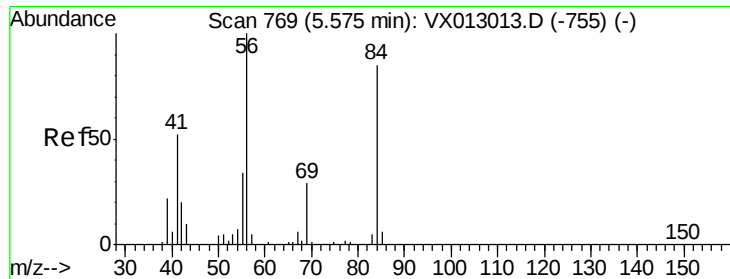
#29
 Tetrahydrofuran
 Concen: 0.634 ug/l
 RT: 5.15 min Scan# 700
 Delta R.T. 0.04 min
 Lab File: VX013064.D
 Acq: 14 Oct 2019 19:59

Tgt Ion: 42 Resp: 628
 Ion Ratio Lower Upper
 42 100
 72 29.1 36.9 55.3#
 71 26.8 33.5 50.3#



Abundance Ion 42.00 (41.70 to 42.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0
 Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 0.301 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

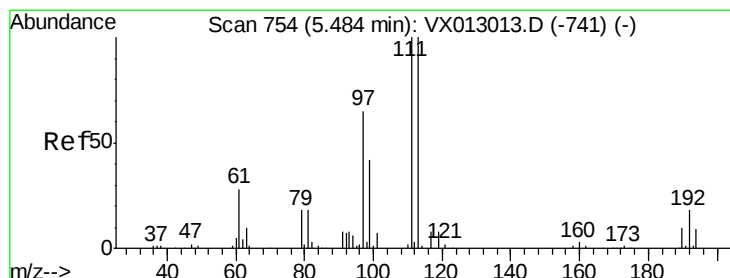
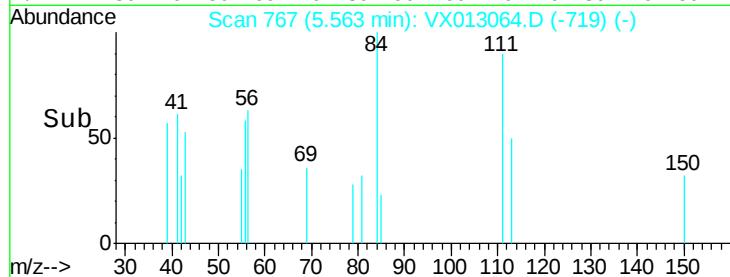
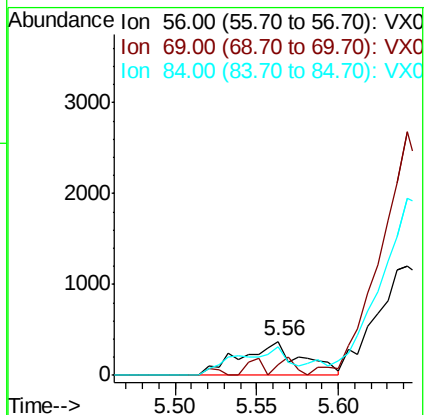
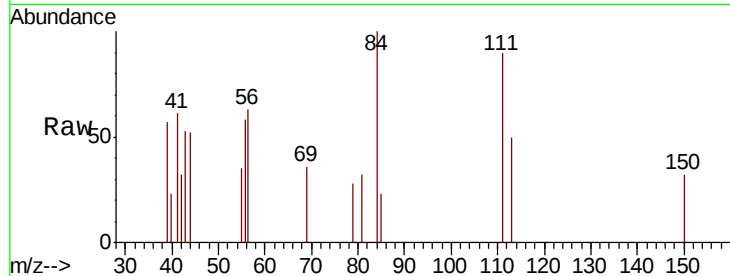
Tot Ion: 56 Resp: 960

Ion Ratio Lower Upper

56 100

69 30.0 25.2 37.8

84 83.0 71.3 106.9



#32

1,1,1-Trichloroethane

Concen: 0.640 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

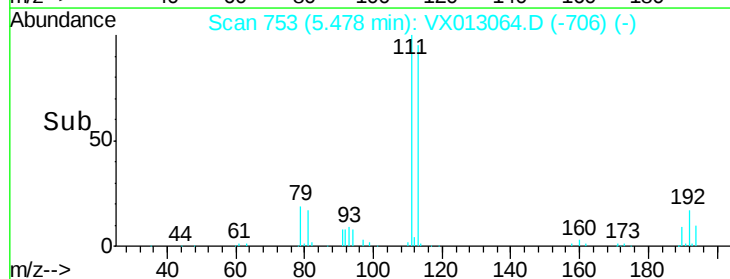
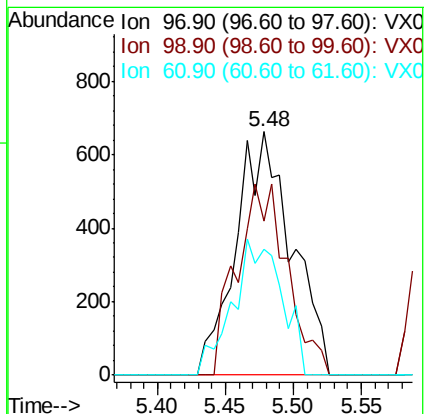
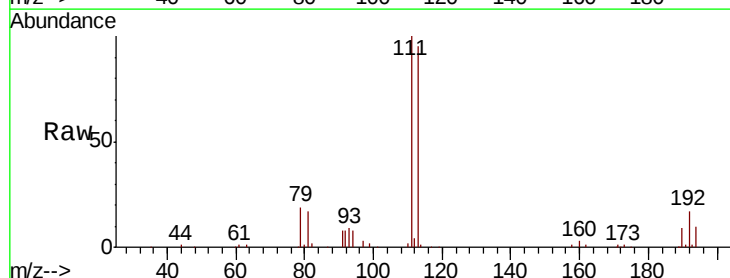
Tgt Ion: 97 Resp: 1902

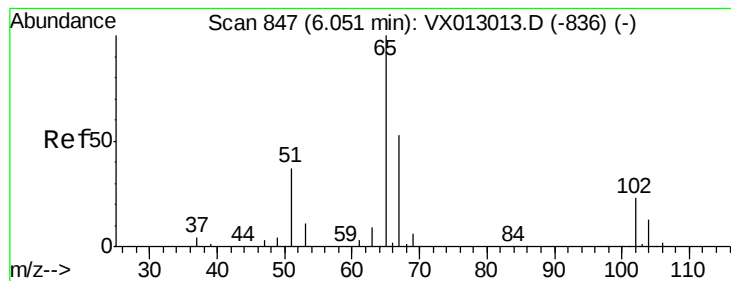
Ion Ratio Lower Upper

97 100

99 0.0 52.3 78.5#

61 48.9 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 47.394 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

Instrument :

MSVOA_X

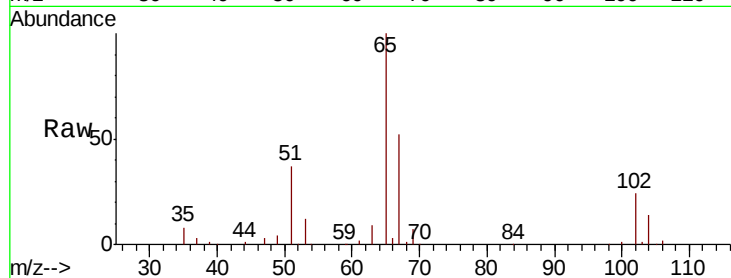
ClientSampled :

Tot Ion: 65 Resp: 104304

Ion Ratio Lower Upper

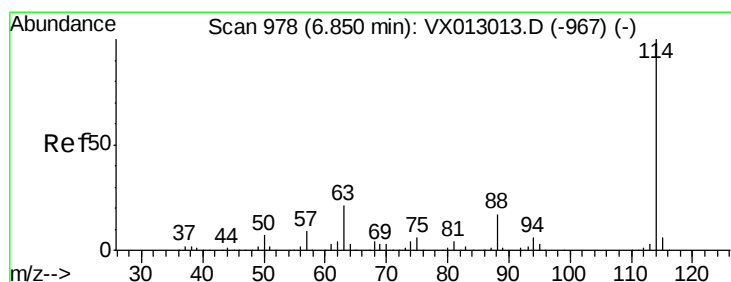
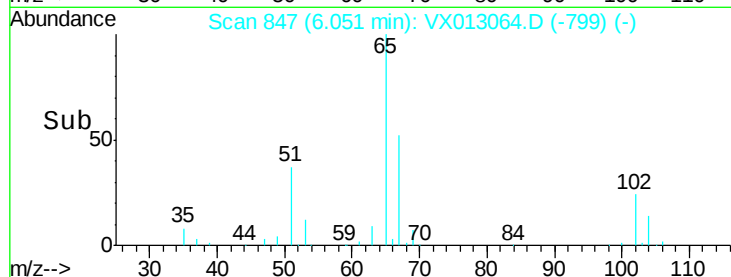
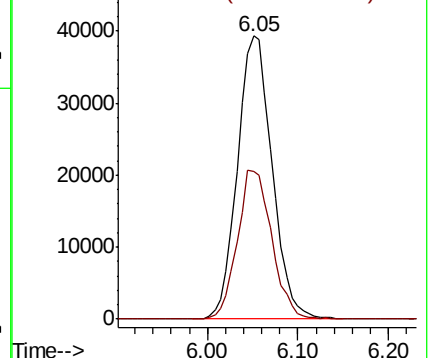
65 100

67 52.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

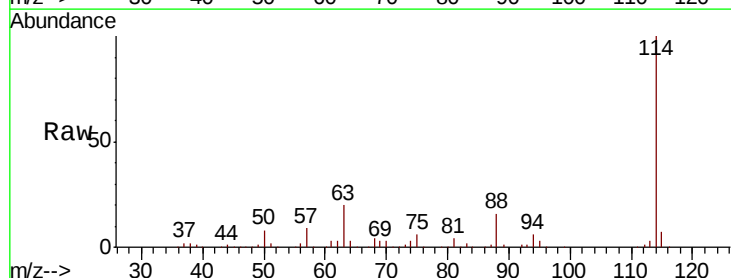
Tgt Ion: 114 Resp: 282936

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

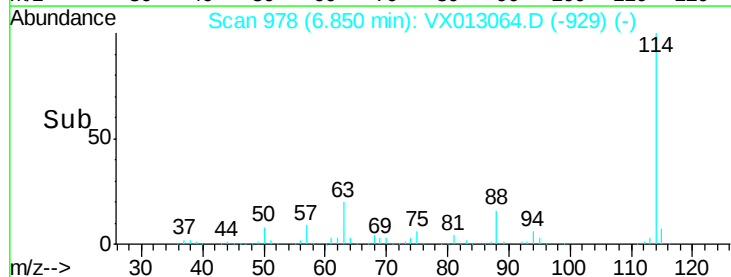
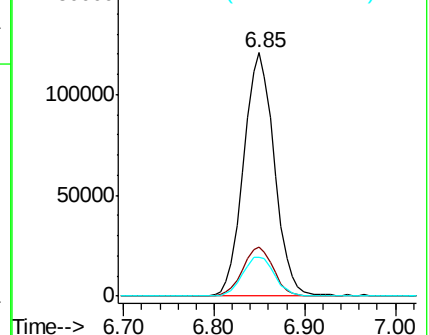
88 15.8 0.0 33.8

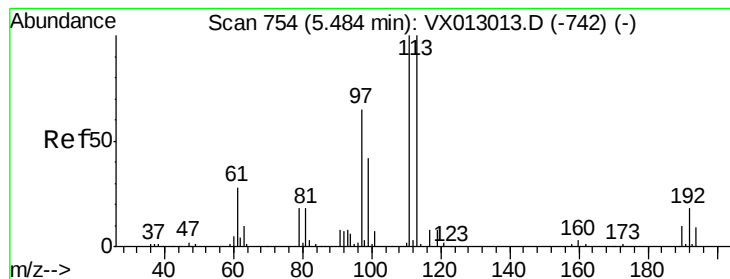


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.801 ug/l

RT: 5.50 min Scan# 756

Delta R.T. 0.01 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

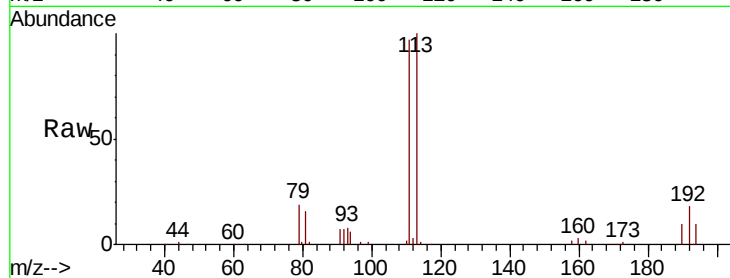
Tot Ion:113 Resp: 79248

Ion Ratio Lower Upper

113 100

111 103.3 83.2 124.8

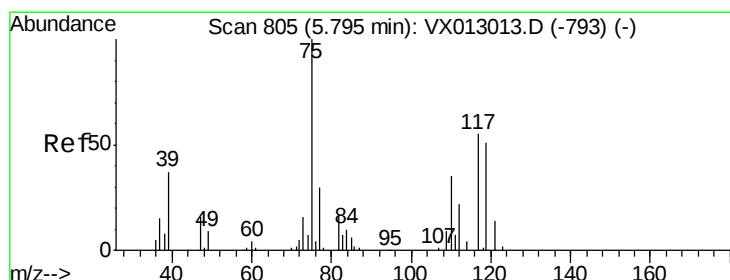
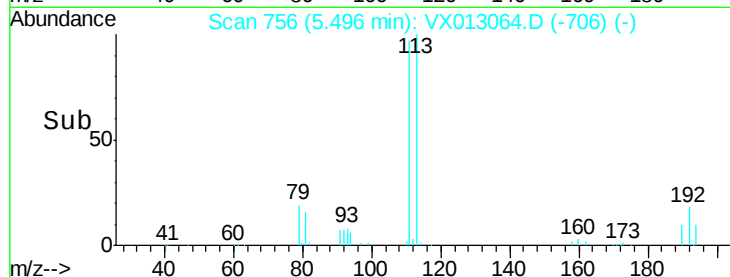
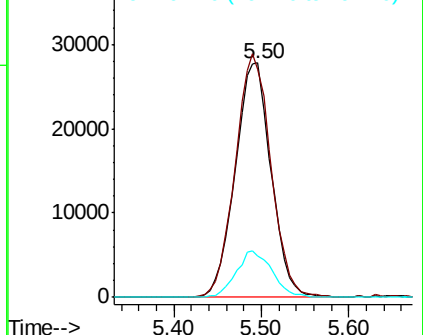
192 19.9 15.4 23.2



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: 5.446 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

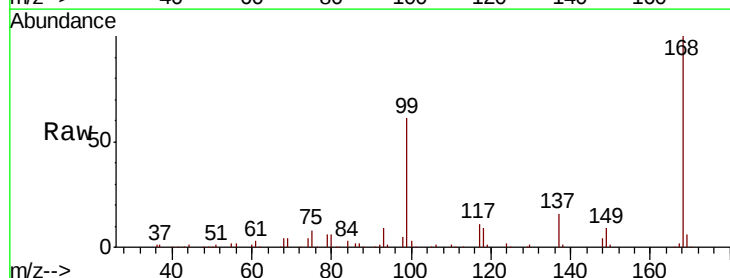
Tgt Ion: 75 Resp: 13548

Ion Ratio Lower Upper

75 100

110 9.9 17.6 52.9#

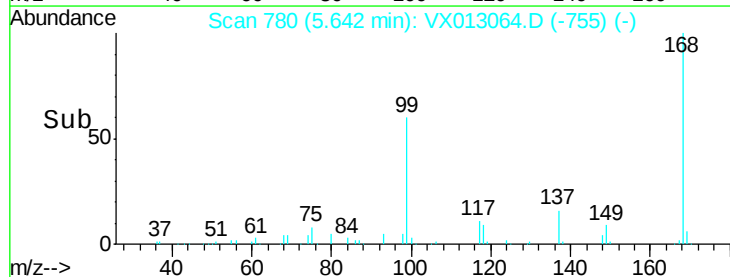
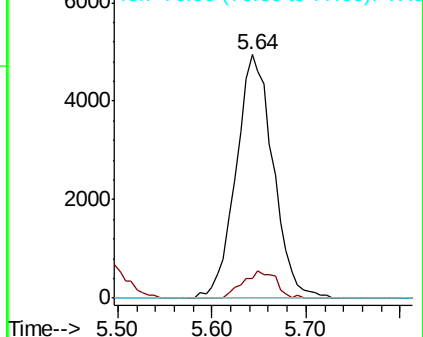
77 0.0 24.4 36.6#

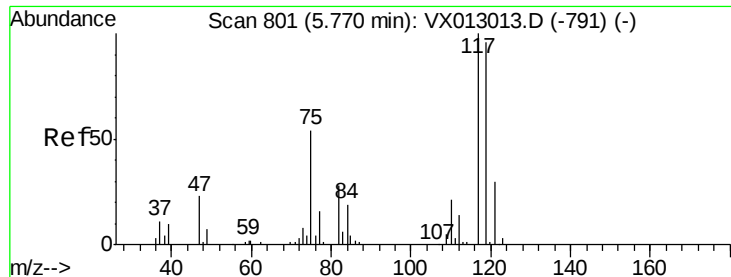


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.498 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

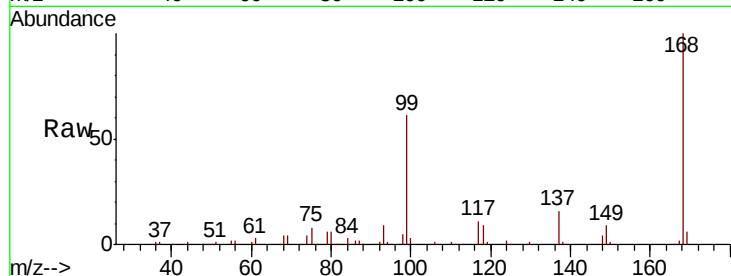
Tot Ion:117 Resp: 18154

Ion Ratio Lower Upper

117 100

119 5.3 74.5 111.7#

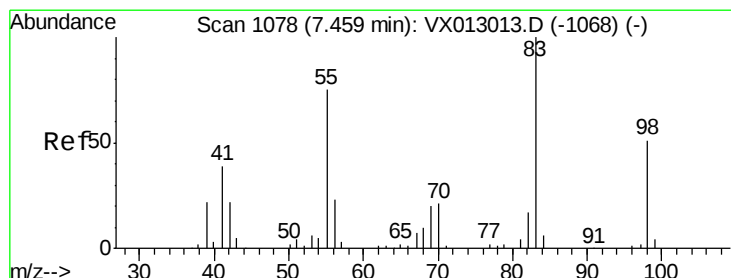
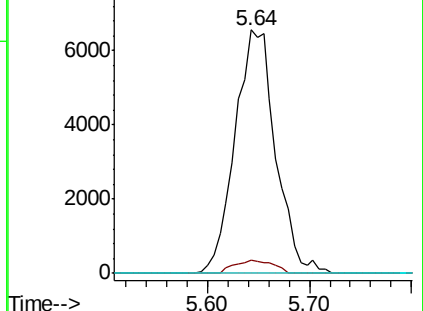
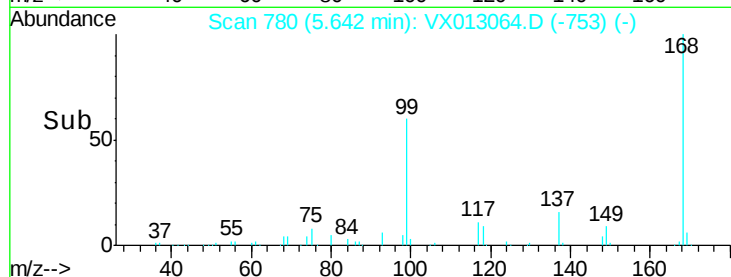
121 0.0 24.2 36.4#



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



#39

Methylcyclohexane

Concen: 2.264 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

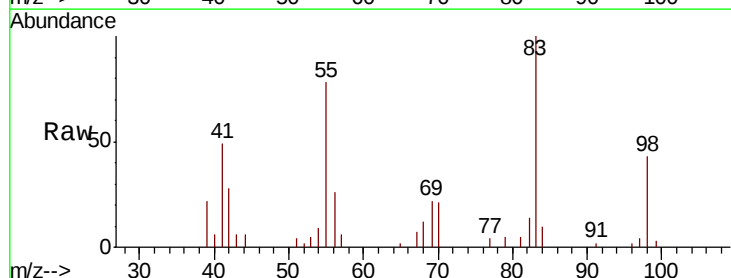
Tgt Ion: 83 Resp: 6830

Ion Ratio Lower Upper

83 100

55 78.1 60.2 90.4

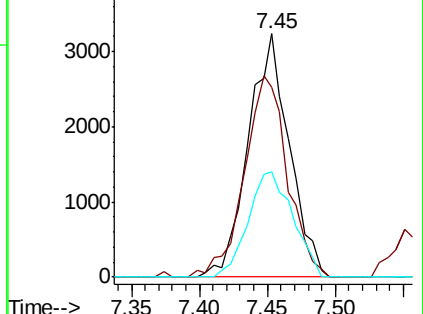
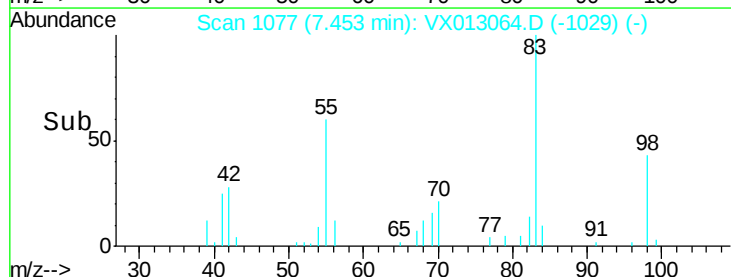
98 43.3 38.5 57.7

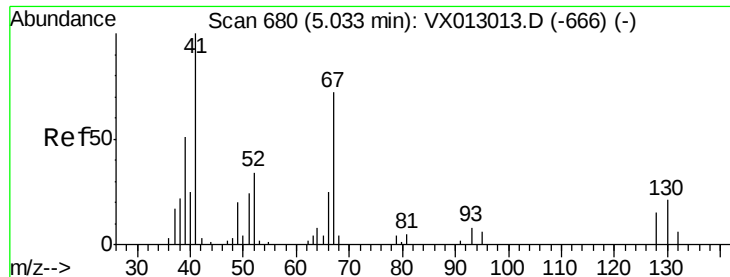


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

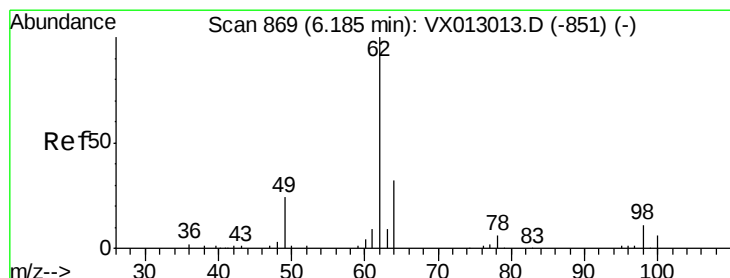
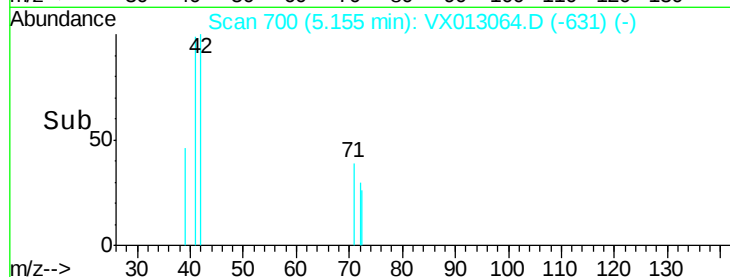
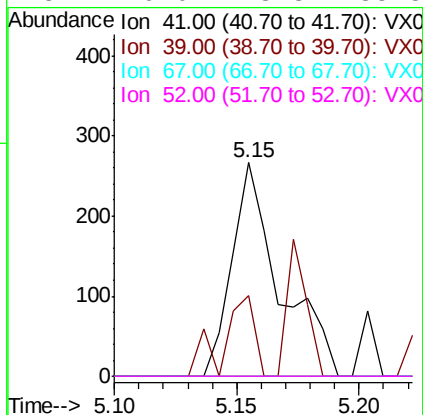
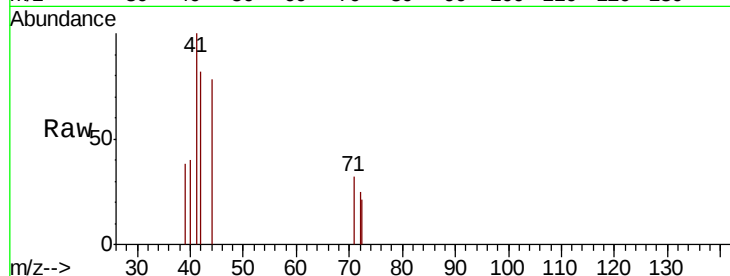




#41
Methacrylonitrile
Concen: 0.237 ug/l
RT: 5.15 min Scan# 700
Delta R.T. 0.12 min
Lab File: VX013064.D
Acq: 14 Oct 2019 19:59

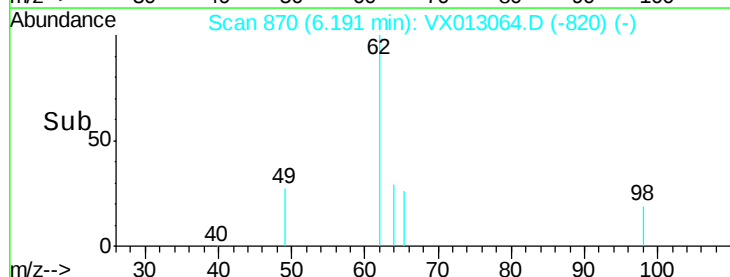
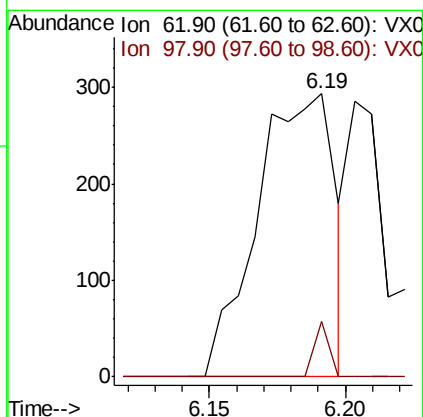
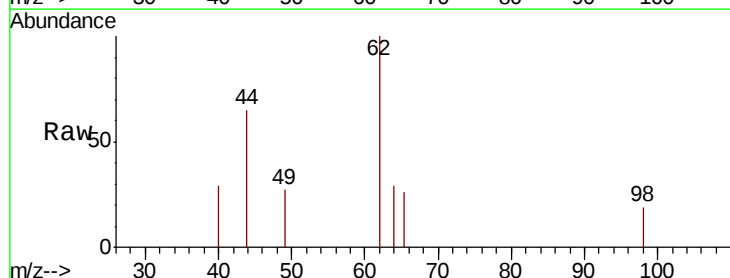
Instrument :
MSVOA_X
ClientSampleId :

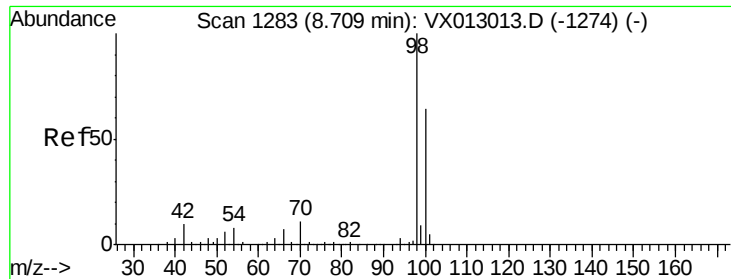
Tot Ion: 41 Resp: 363
Ion Ratio Lower Upper
41 100
39 24.5 44.0 66.0#
67 0.0 58.5 87.7#
52 0.0 23.8 35.8#



#42
1,2-Dichloroethane
Concen: 0.220 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX013064.D
Acq: 14 Oct 2019 19:59

Tgt Ion: 62 Resp: 580
Ion Ratio Lower Upper
62 100
98 3.6 0.0 20.4





#50

Toluene-d8

Concen: 50.799 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

Instrument :

MSVOA_X

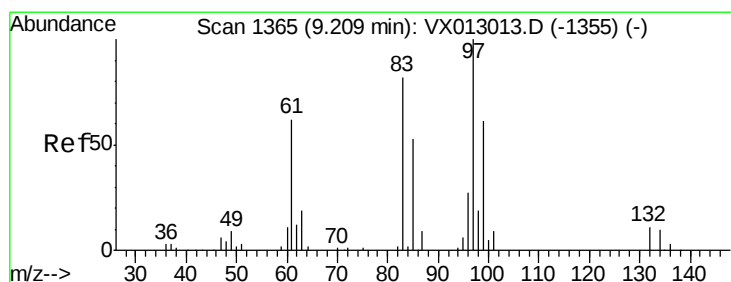
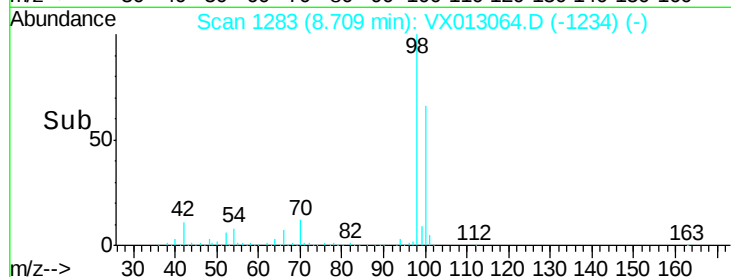
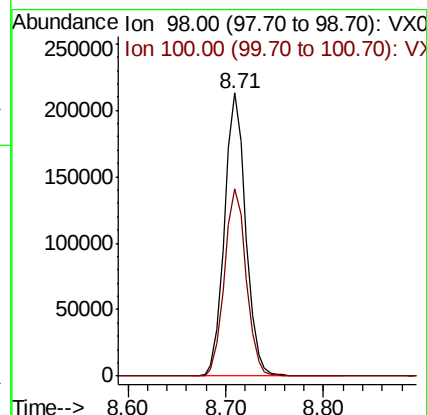
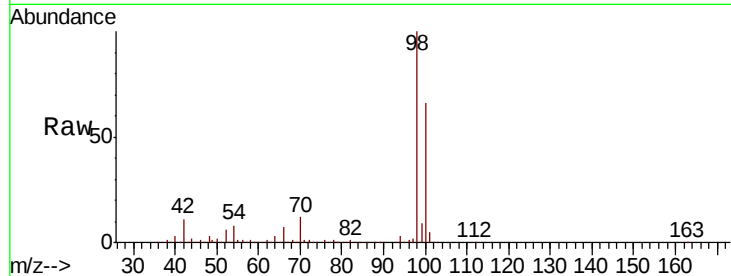
ClientSampleId :

Tot Ion: 98 Resp: 321740

Ion Ratio Lower Upper

98 100

100 67.8 53.4 80.2



#55

1,1,2-Trichloroethane

Concen: 0.500 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

Tgt Ion: 97 Resp: 931

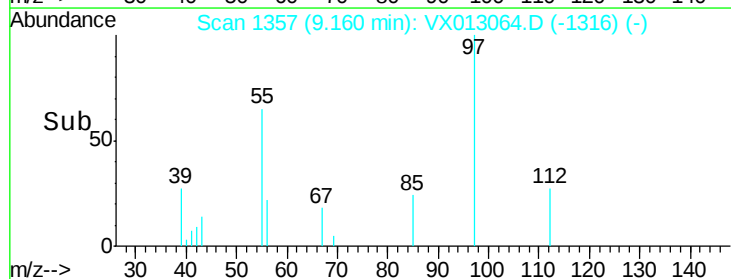
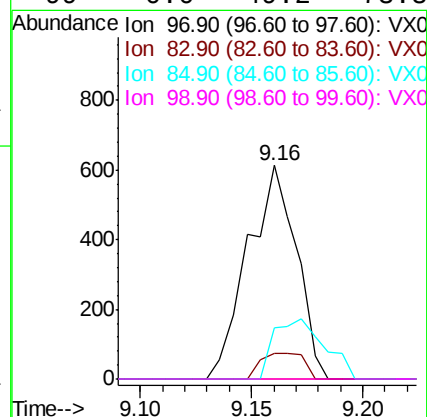
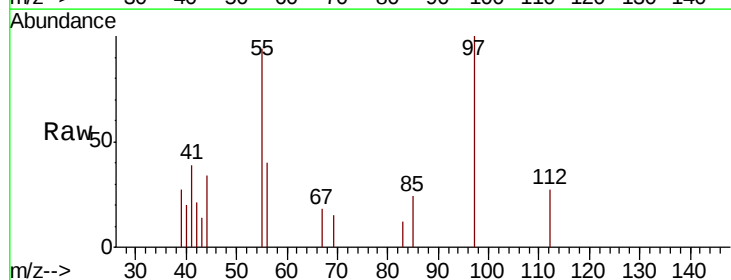
Ion Ratio Lower Upper

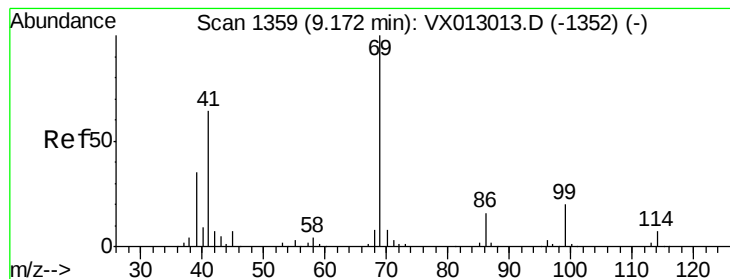
97 100

83 11.9 66.5 99.7#

85 24.3 43.1 64.7#

99 0.0 49.2 73.8#





#56

Ethyl methacrylate

Concen: 1.884 ug/l

RT: 9.15 min Scan# 1356

Delta R.T. -0.02 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

Instrument :
MSVOA_X
ClientSampled :

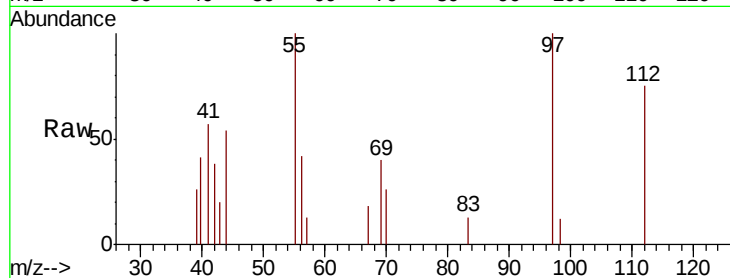
Tot Ion: 69.00 (68.70 to 69.70): VX0

Ion Ratio Lower Upper

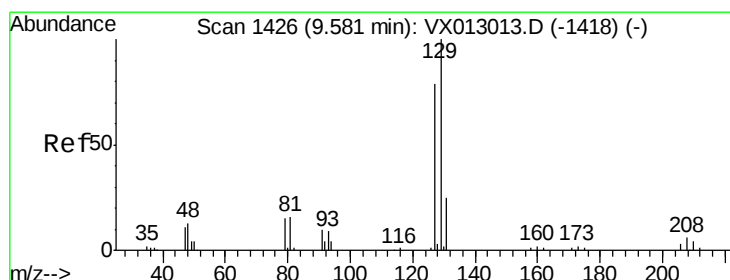
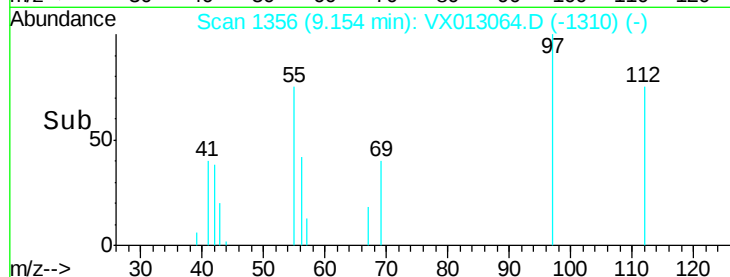
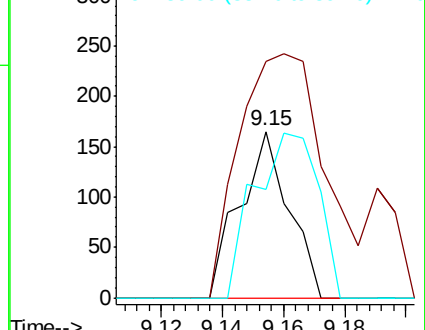
69 100

41 257.4 52.1 78.1#

39 129.0 27.8 41.8#



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#60

Dibromochloromethane

Concen: 2.638 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.25 min

Lab File: VX013064.D

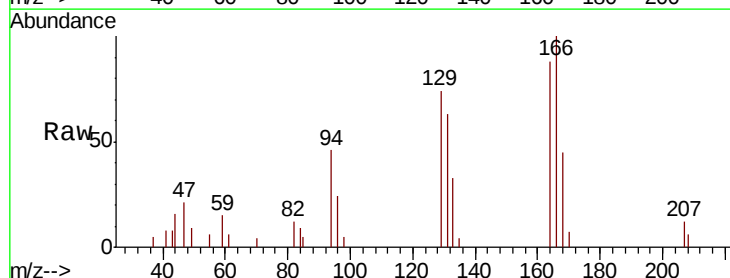
Acq: 14 Oct 2019 19:59

Tgt Ion: 129 Resp: 1679

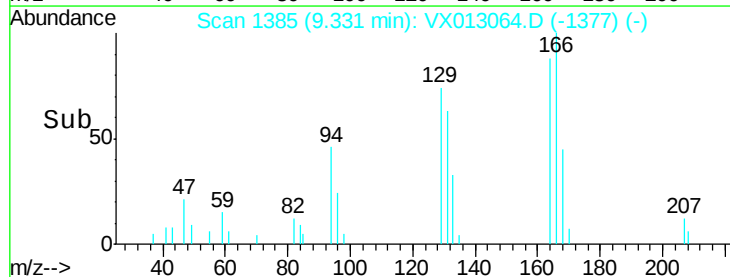
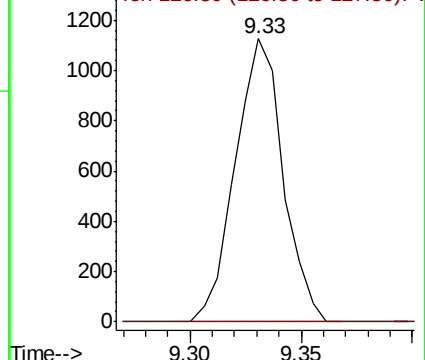
Ion Ratio Lower Upper

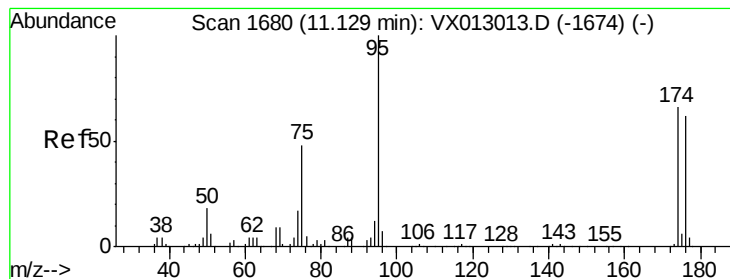
129 100

127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 40.679 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

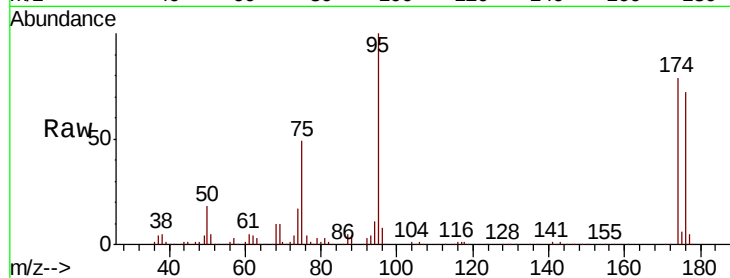
Tot Ion: 95 Resp: 100109

Ion Ratio Lower Upper

95 100

174 76.0 0.0 143.4

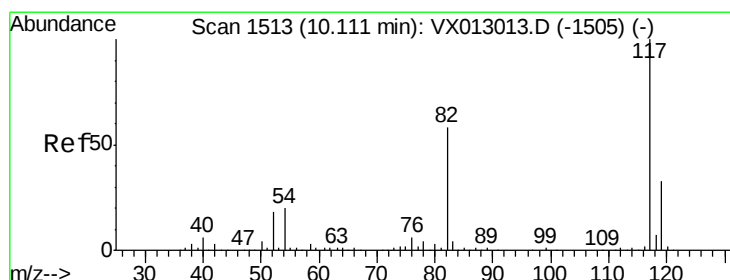
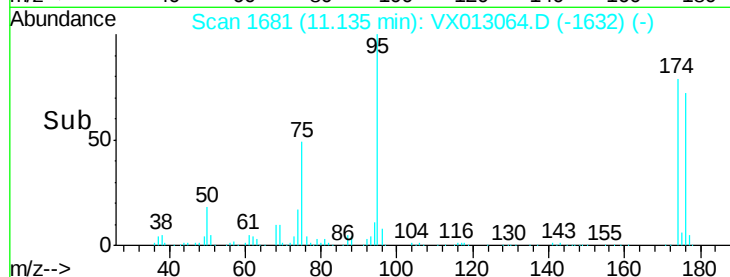
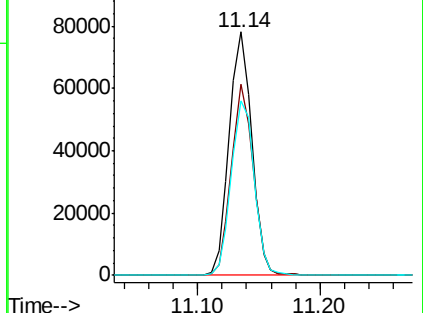
176 73.0 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX013013.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013013.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013013.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

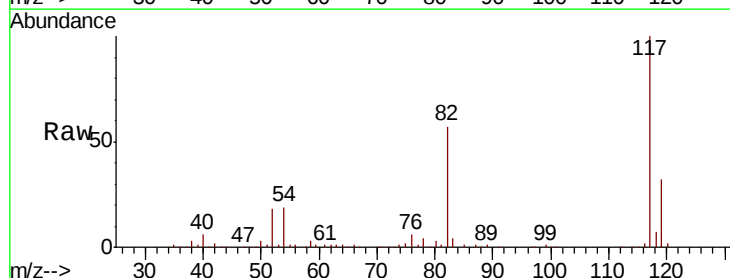
Tgt Ion: 117 Resp: 223599

Ion Ratio Lower Upper

117 100

82 56.9 44.1 66.1

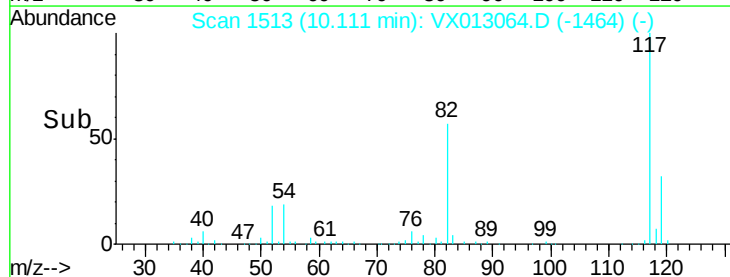
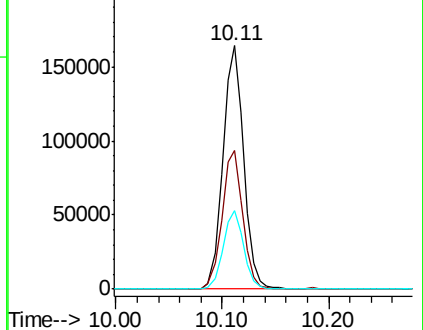
119 32.3 25.8 38.8

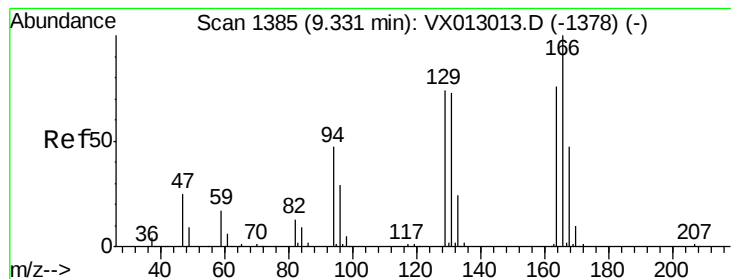


Abundance Ion 116.90 (116.60 to 117.60): VX013013.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX013013.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX013013.D (-1505) (-)





#64

Tetrachloroethene

Concen: 1.214 ug/l

RT: 9.33 min Scan# 1385

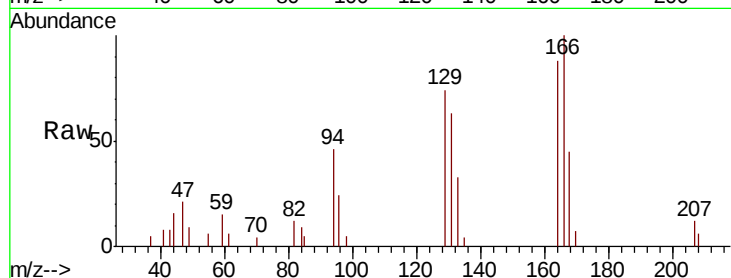
Delta R.T. 0.00 min

Lab File: VX013064.D

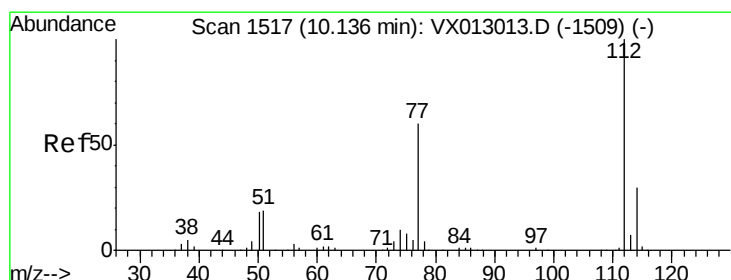
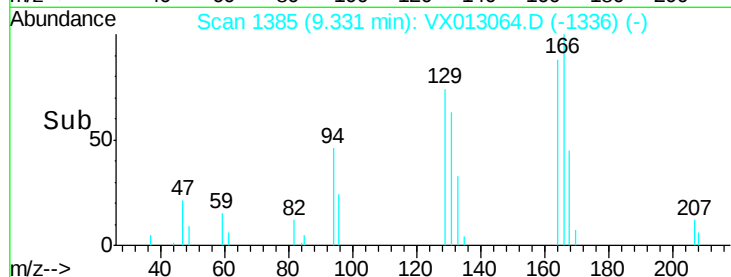
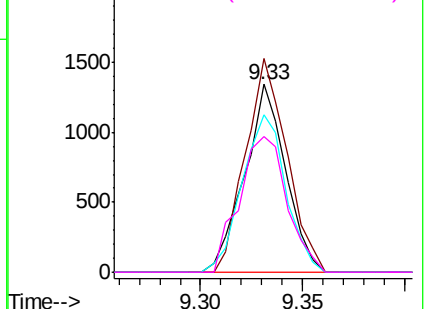
Acq: 14 Oct 2019 19:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	164	Resp:	1883
Ion	Ratio	Lower	Upper
164	100		
166	113.9	96.9	145.3
129	84.0	77.9	116.9
131	72.1	72.7	109.1#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.431 ug/l

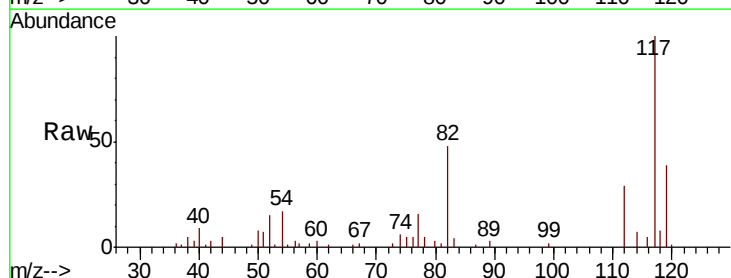
RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

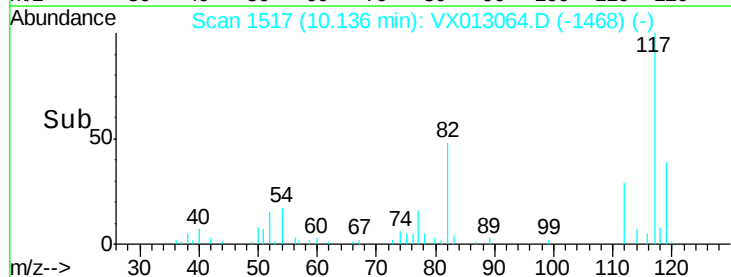
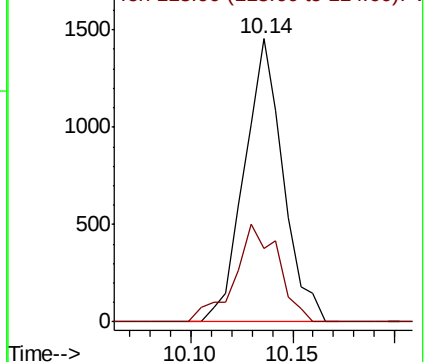
Lab File: VX013064.D

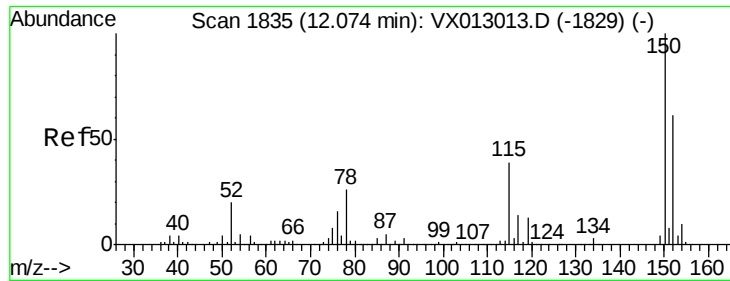
Acq: 14 Oct 2019 19:59

Tgt Ion:	112	Resp:	1915
Ion	Ratio	Lower	Upper
112	100		
114	26.0	25.7	38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

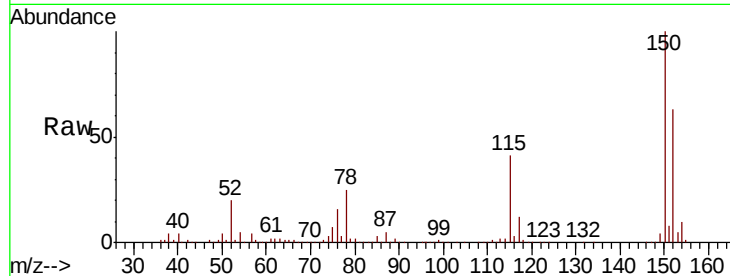
Tot Ion:152 Resp: 90913

Ion Ratio Lower Upper

152 100

115 63.7 44.5 133.5

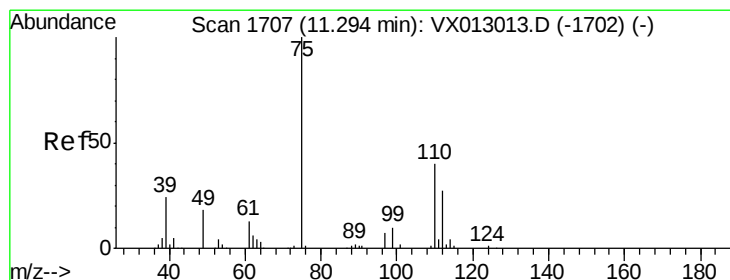
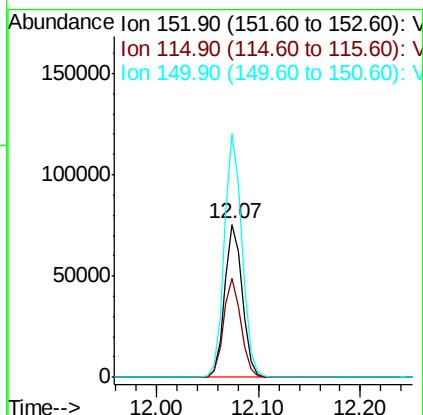
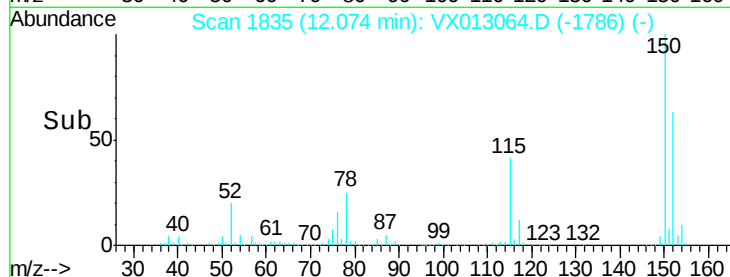
150 159.0 0.0 353.4



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: 24.627 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.15 min

Lab File: VX013064.D

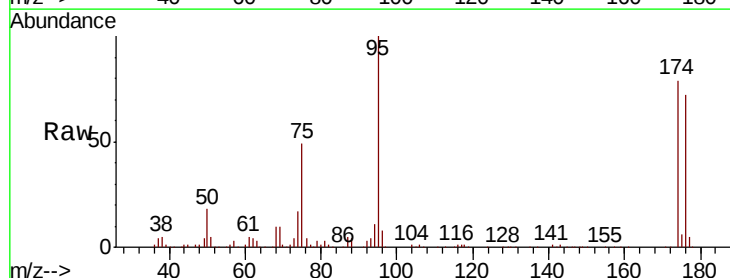
Acq: 14 Oct 2019 19:59

Tgt Ion: 75 Resp: 49658

Ion Ratio Lower Upper

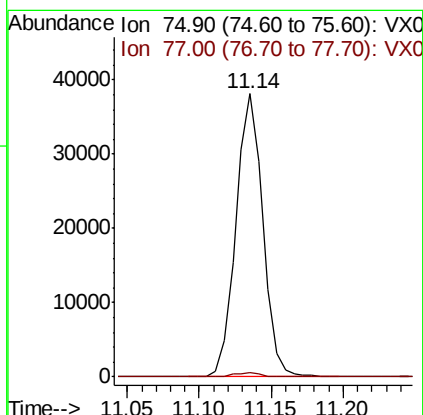
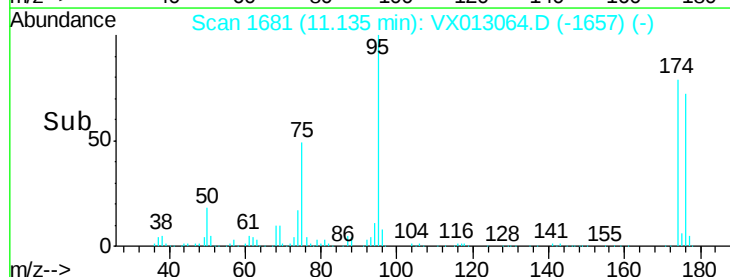
75 100

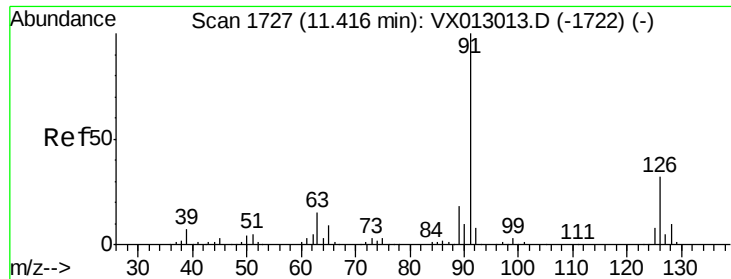
77 1.4 22.9 68.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

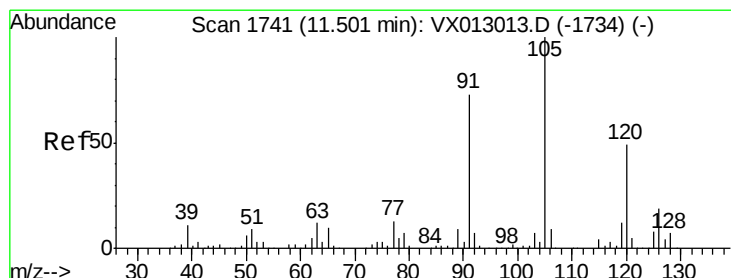
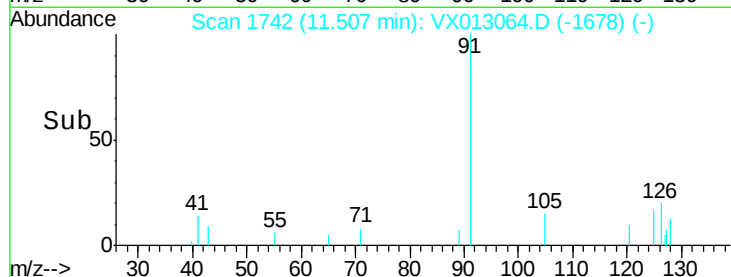
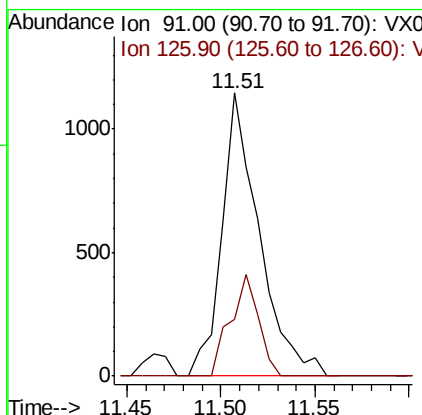
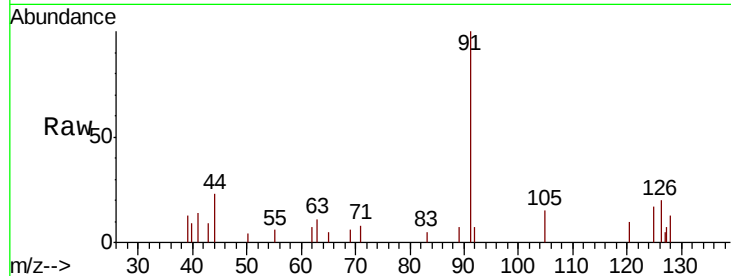




#79
 2-Chlorotoluene
 Concen: 0.341 ug/l
 RT: 11.51 min Scan# 1742
 Delta R.T. 0.09 min
 Lab File: VX013064.D
 Acq: 14 Oct 2019 19:59

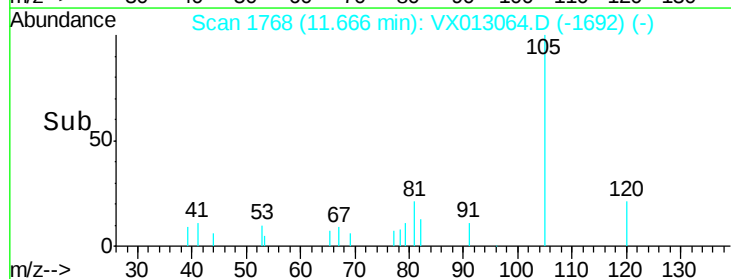
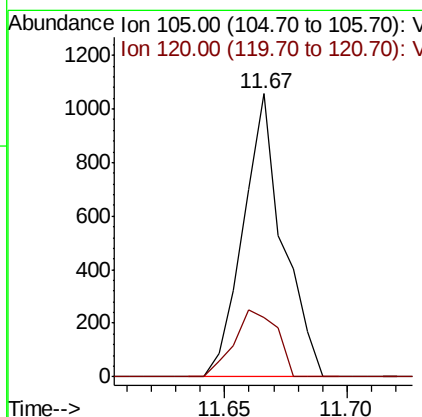
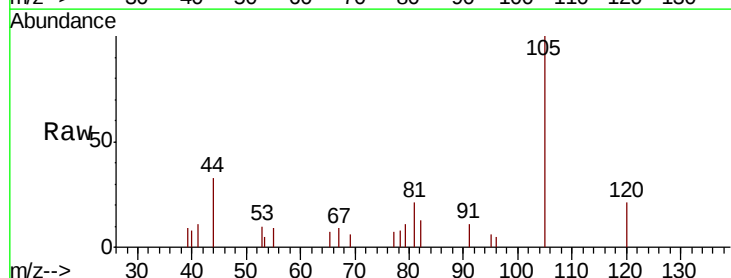
Instrument :
 MSVOA_X
 ClientSampled :

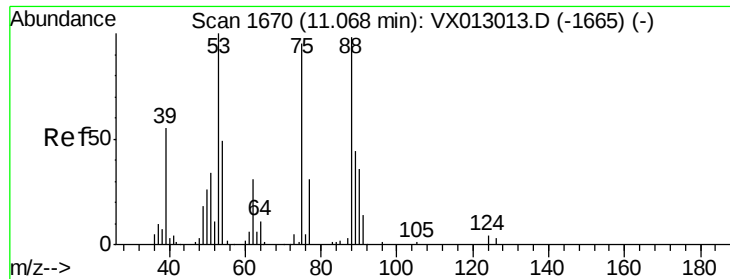
Tot Ion: 91 Resp: 1578
 Ion Ratio Lower Upper
 91 100
 126 26.9 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 0.214 ug/l
 RT: 11.67 min Scan# 1768
 Delta R.T. 0.16 min
 Lab File: VX013064.D
 Acq: 14 Oct 2019 19:59

Tgt Ion: 105 Resp: 1197
 Ion Ratio Lower Upper
 105 100
 120 25.4 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 62.238 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

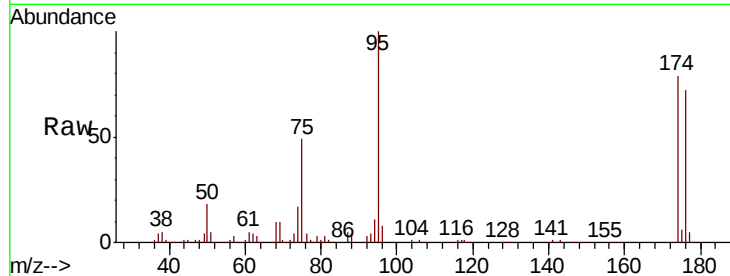
Tot Ion: 75 Resp: 49658

Ion Ratio Lower Upper

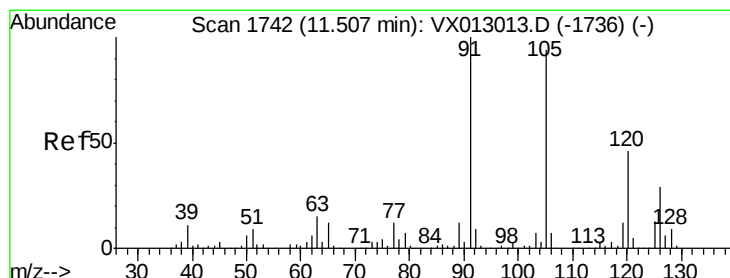
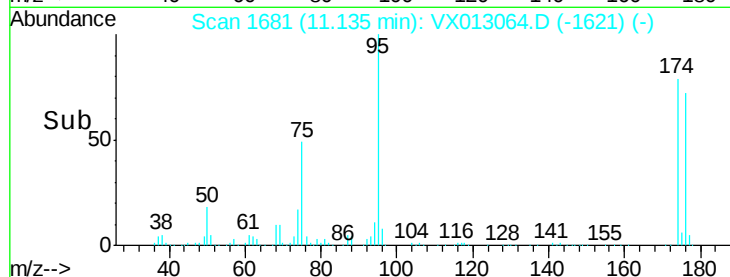
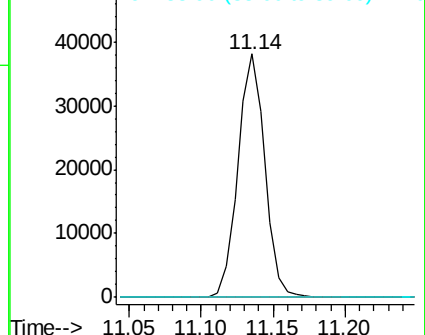
75 100

53 0.1 78.5 117.7#

89 0.0 37.4 56.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.298 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013064.D

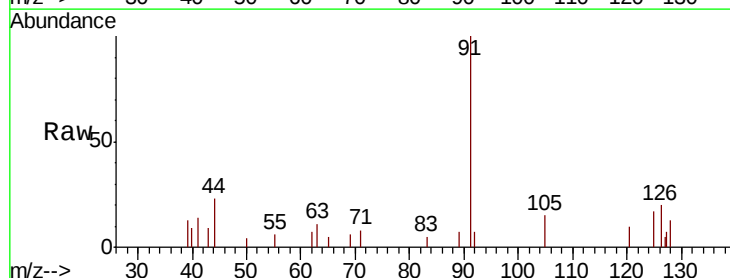
Acq: 14 Oct 2019 19:59

Tgt Ion: 91 Resp: 1578

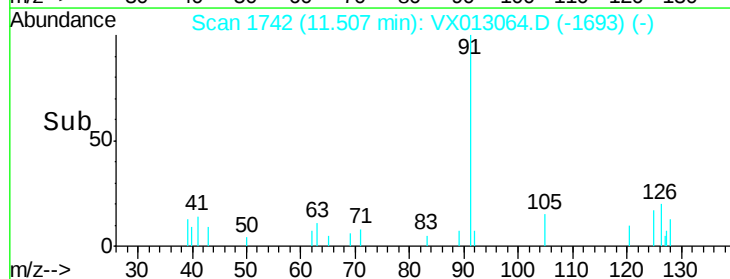
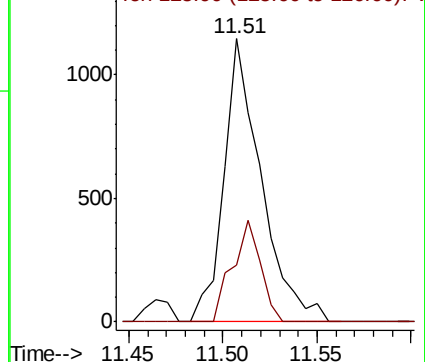
Ion Ratio Lower Upper

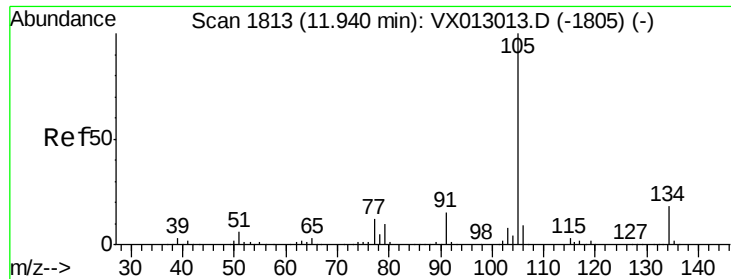
91 100

126 26.9 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#85

sec-Butylbenzene

Concen: 0.290 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013064.D

Acq: 14 Oct 2019 19:59

Instrument :

MSVOA_X

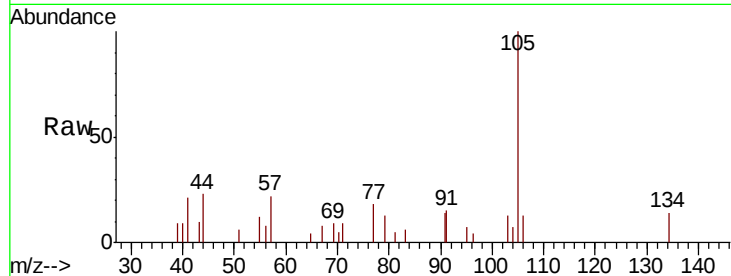
ClientSampleId :

Tot Ion:105 Resp: 1830

Ion Ratio Lower Upper

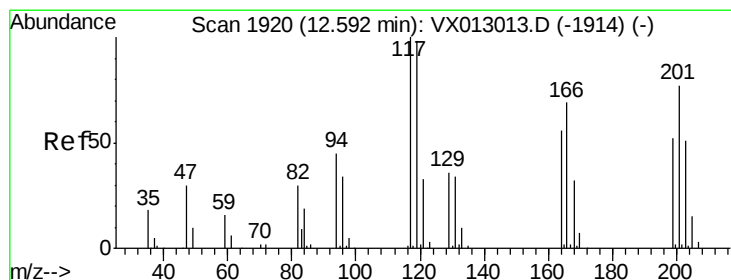
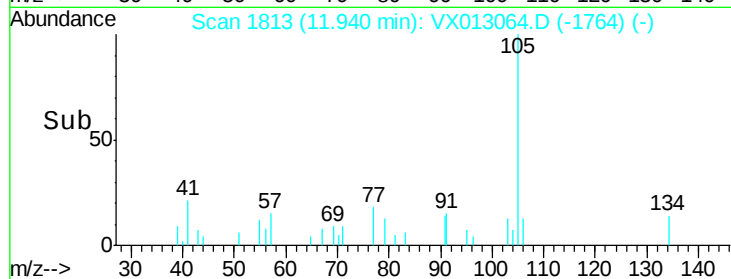
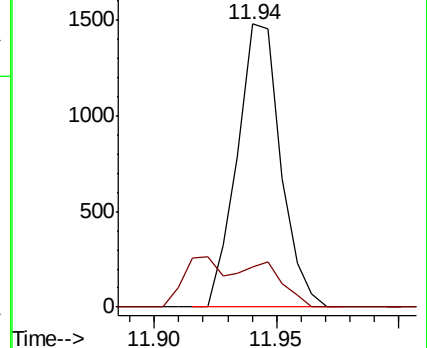
105 100

134 19.2 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 2.216 ug/l

RT: 12.70 min Scan# 1937

Delta R.T. 0.10 min

Lab File: VX013064.D

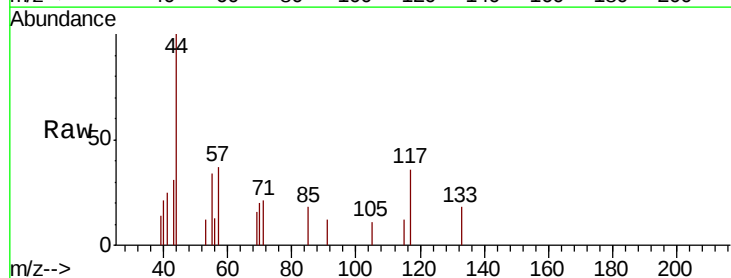
Acq: 14 Oct 2019 19:59

Tgt Ion:117 Resp: 111

Ion Ratio Lower Upper

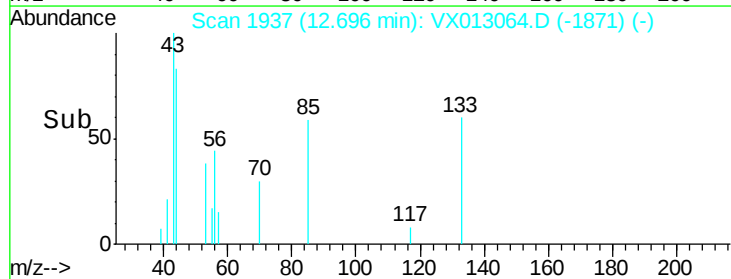
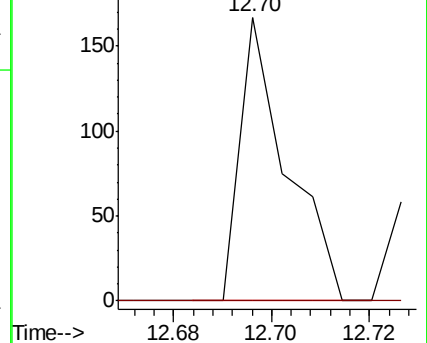
117 100

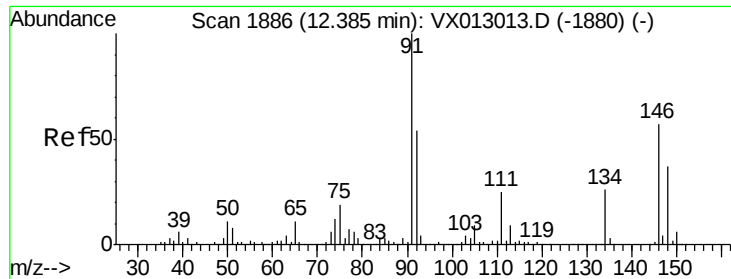
201 0.0 36.9 110.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

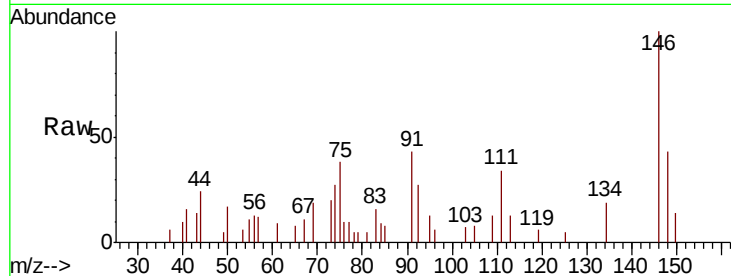




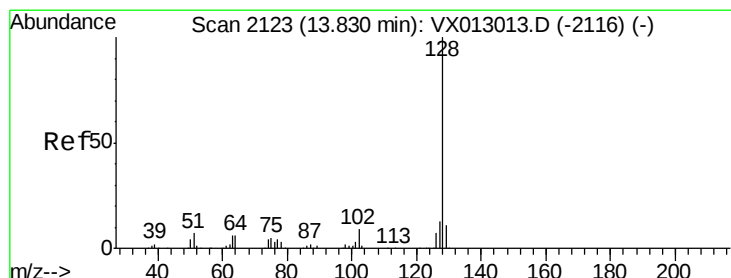
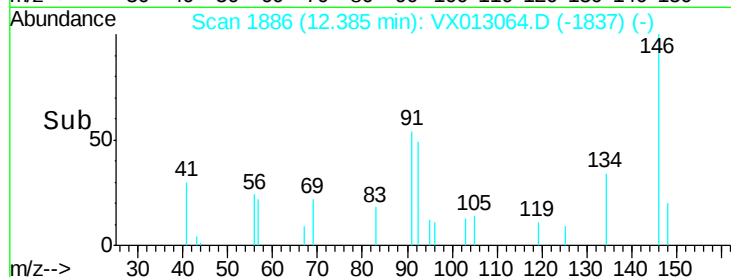
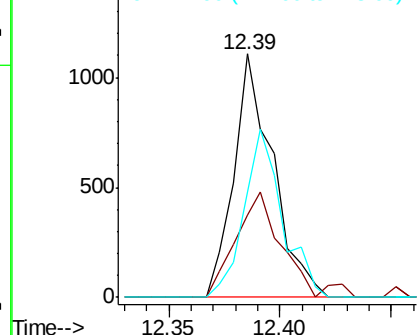
#91
 1,2-Dichlorobenzene
 Concen: 0.471 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013064.D
 Acq: 14 Oct 2019 19:59

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 1351
 Ion Ratio Lower Upper
 146 100
 111 52.0 22.7 68.0
 148 67.8 31.6 94.7

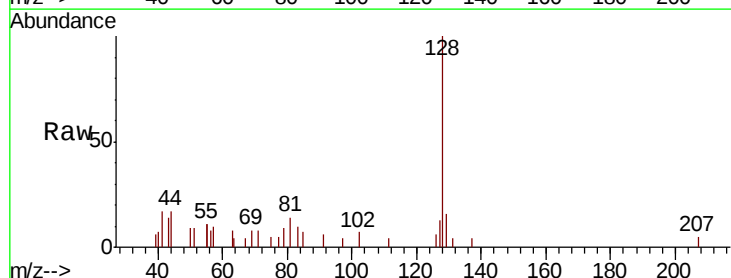


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#95
 Naphthalene
 Concen: 0.311 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX013064.D
 Acq: 14 Oct 2019 19:59

Tgt Ion:128 Resp: 1935
 Ion Ratio Lower Upper
 128 100
 127 15.2 10.2 15.4
 129 16.7 8.8 13.2#



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

