

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033120\
 Data File : VX015448.D
 Acq On : 31 Mar 2020 13:04
 Operator : JC/SP
 Sample : L2022-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 01 07:30:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1125091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1795599	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1683775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	883269	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	752722	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	5.47	113	567802	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	8.70	98	2171518	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	11.12	95	913710	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	

Target Compounds

					Qvalue	
4) Vinyl Chloride	1.39	62	250441	21.607	ug/l	99
5) Bromomethane	1.64	94	1835	Below Cal	#	70
6) Chloroethane	1.72	64	179710	24.999	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	3194	0.315	ug/l #	48
11) Tert butyl alcohol	3.01	59	36158	9.520	ug/l	97
12) 1,1-Dichloroethene	2.36	96	1075572	101.258	ug/l	96
13) Acrolein	2.25	56	1040	0.481	ug/l #	1
15) Acrylonitrile	3.12	53	2745	0.379	ug/l	95
16) Acetone	2.42	43	8370	1.228	ug/l	93
17) Carbon Disulfide	2.56	76	11197	0.346	ug/l	98
18) Methyl Acetate	2.75	43	3982	0.229	ug/l #	86
20) Methylene Chloride	2.83	84	8682	0.682	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	3363	0.285	ug/l	96
24) 1,1-Dichloroethane	3.67	63	407054	17.579	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	173709	12.737	ug/l	93
29) Tetrahydrofuran	5.11	42	5414	0.768	ug/l #	90
36) 1,1-Dichloropropene	5.63	75	85622	5.175	ug/l #	42
38) Carbon Tetrachloride	5.64	117	105485	5.887	ug/l #	15
39) Methylcyclohexane	7.45	83	8460	0.443	ug/l #	94
40) Benzene	6.12	78	36425	0.752	ug/l #	83
42) 1,2-Dichloroethane	6.17	62	108755	5.587	ug/l	98
43) Isopropyl Acetate	6.30	43	397302	10.925	ug/l #	65
44) Trichloroethene	7.20	130	12015	0.909	ug/l	99
48) Methyl methacrylate	7.72	41	14244	0.784	ug/l #	47
49) 1,4-Dioxane	7.71	88	603838	1782.025	ug/l	97
68) m/p-Xylenes	10.34	106	5585	0.252	ug/l	88
76) 1,2,3-Trichloropropane	11.12	75	473126	26.048	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	473126	62.501	ug/l #	21
85) sec-Butylbenzene	11.93	105	17659	0.316	ug/l #	69
89) n-Butylbenzene	12.37	91	15513	0.331	ug/l #	76
91) 1,2-Dichlorobenzene	12.38	146	5931	0.219	ug/l	88
93) 1,2,4-Trichlorobenzene	13.63	180	6200	0.290	ug/l	95
94) Hexachlorobutadiene	13.77	225	4173	0.410	ug/l	96
95) Naphthalene	13.82	128	14066	0.216	ug/l #	87

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Instrument :
MSVOA_X
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

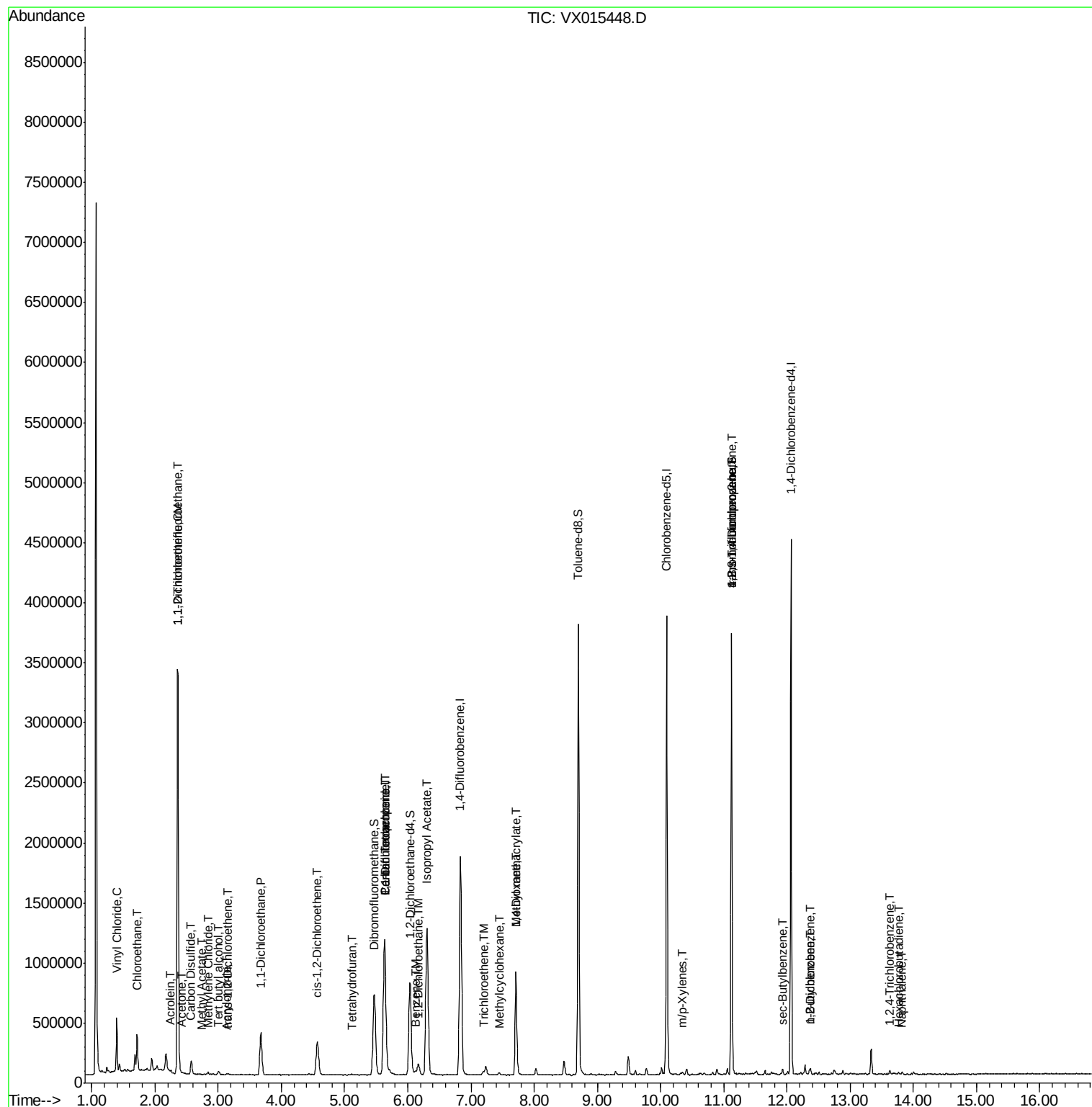
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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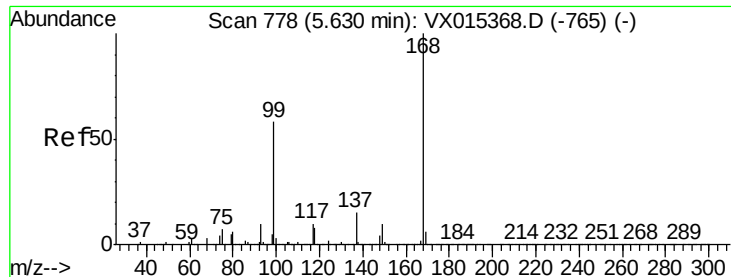
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX033120\
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QLast Update : Fri Mar 27 09:35:51 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_X

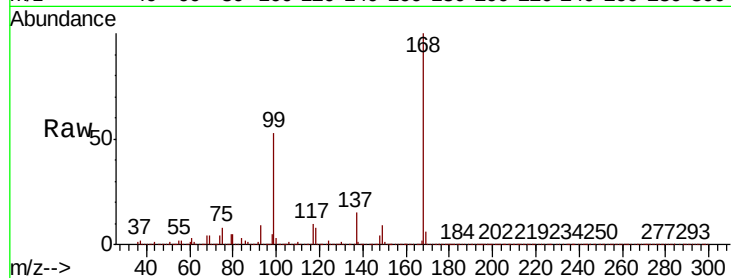
ClientSampleId :

Tot Ion:168 Resp: 1125091

Ion Ratio Lower Upper

168 100

99 52.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

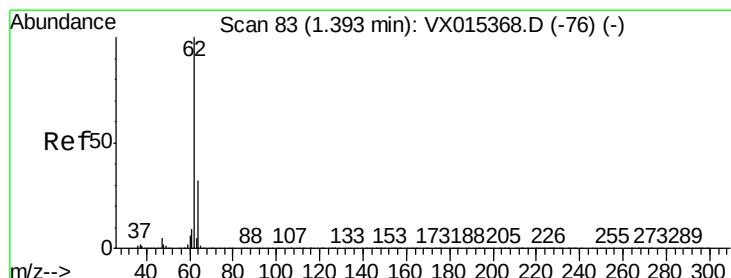
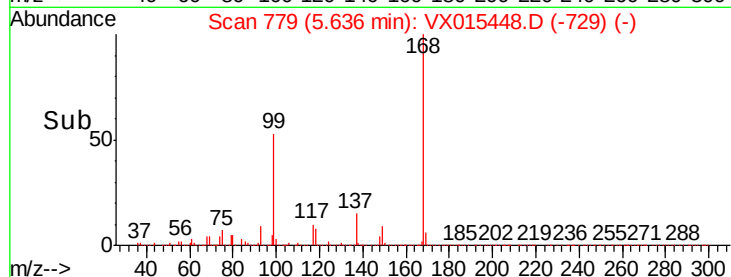
200000

100000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#4

Vinyl Chloride

Concen: 21.607 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015448.D

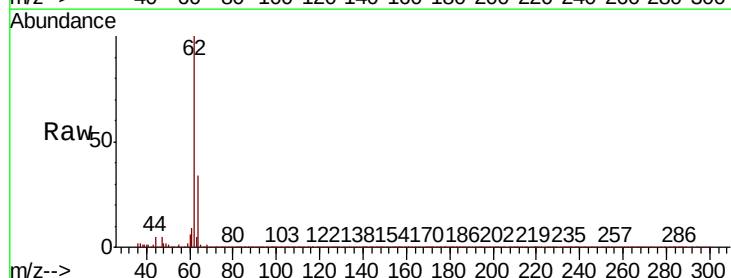
Acq: 31 Mar 2020 13:04

Tgt Ion: 62 Resp: 250441

Ion Ratio Lower Upper

62 100

64 33.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

300000

250000

200000

150000

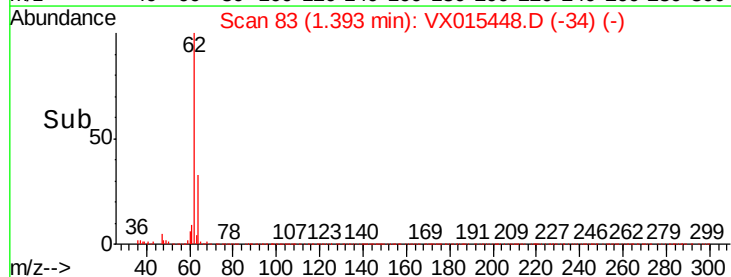
100000

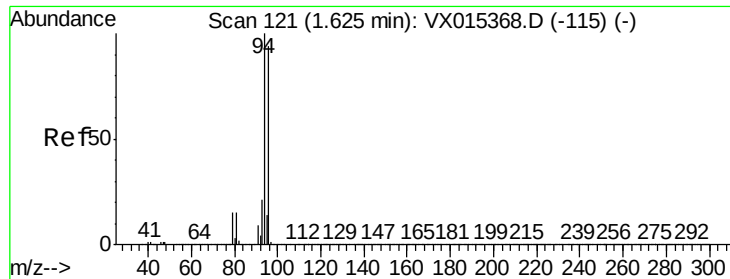
50000

0

Time-->

1.35 1.40 1.45





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_X

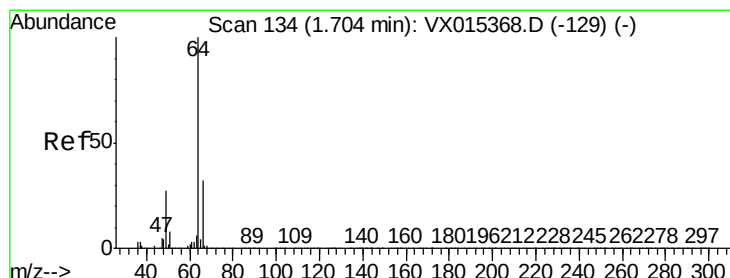
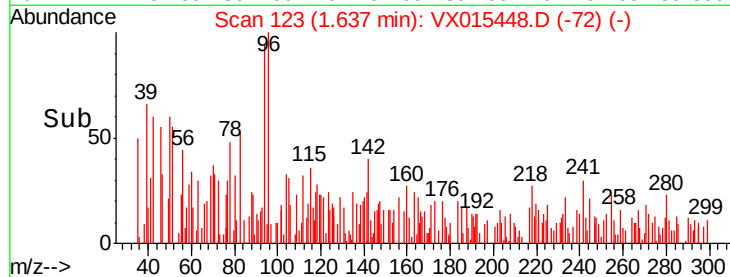
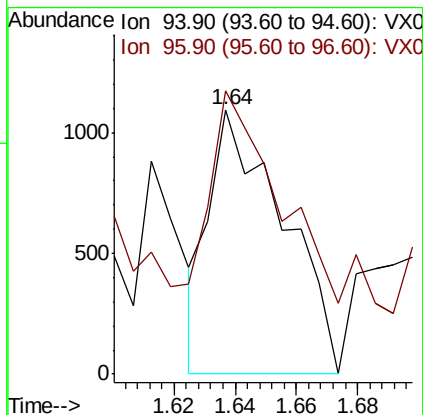
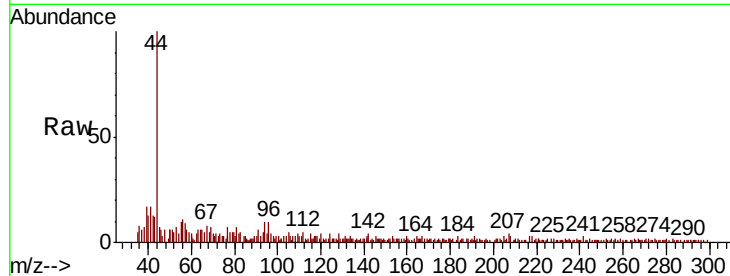
ClientSampleId :

Tot Ion: 94 Resp: 1835

Ion Ratio Lower Upper

94 100

96 122.7 74.8 112.2#



#6

Chloroethane

Concen: 24.999 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015448.D

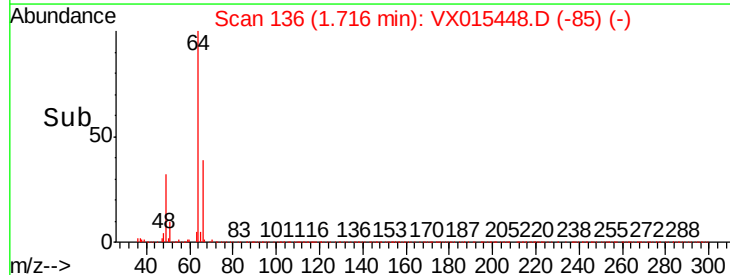
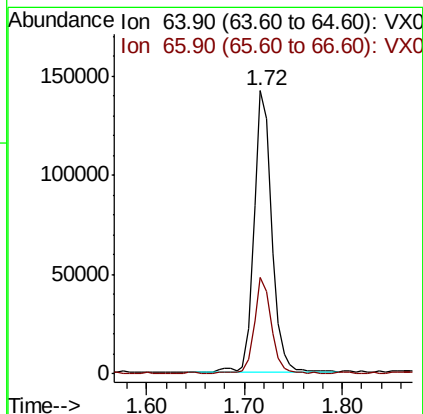
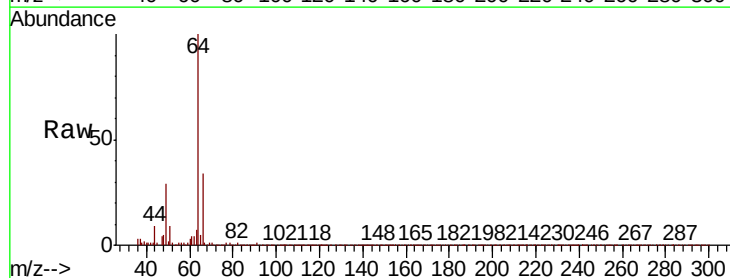
Acq: 31 Mar 2020 13:04

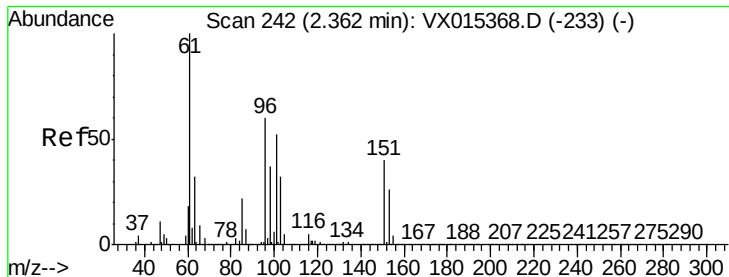
Tgt Ion: 64 Resp: 179710

Ion Ratio Lower Upper

64 100

66 33.7 25.4 38.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.315 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.01 min

Lab File: VX015448.D

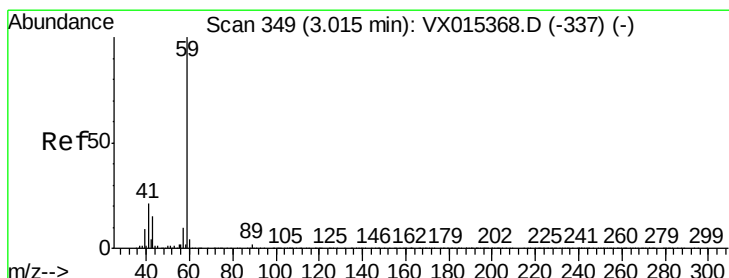
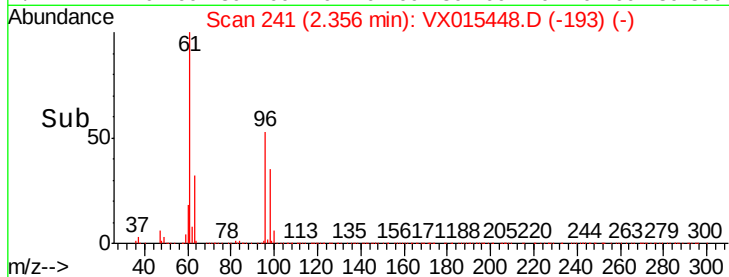
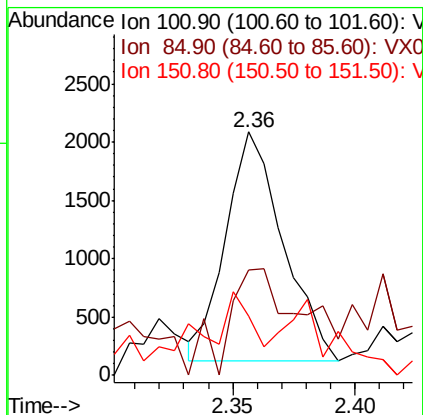
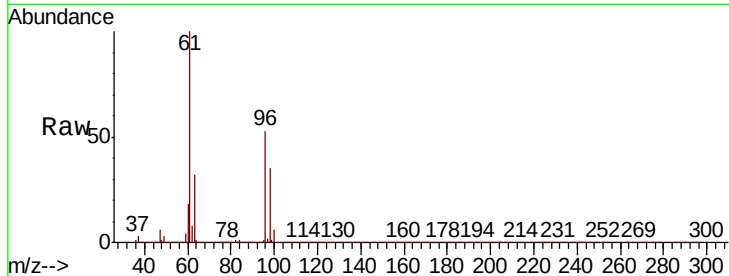
Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	101	Resp:	3194
Ion	Ratio	Lower	Upper
101	100		
85	62.2	35.0	52.4#
151	22.4	64.1	96.1#



#11

Tert butyl alcohol

Concen: 9.520 ug/l

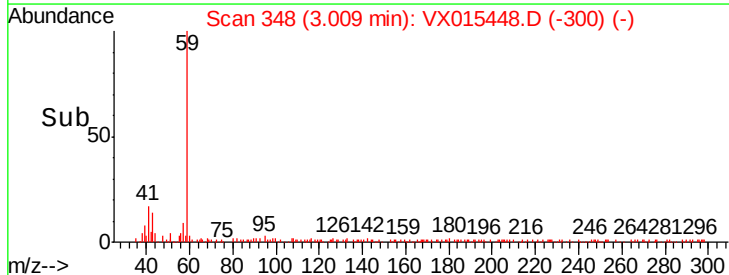
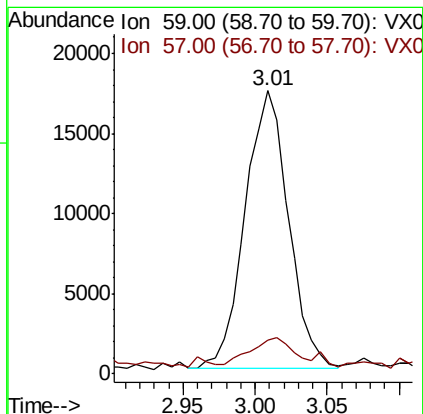
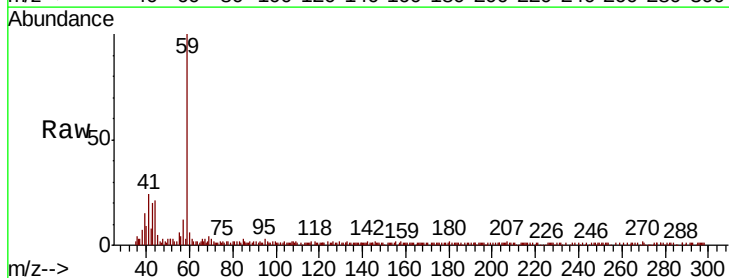
RT: 3.01 min Scan# 348

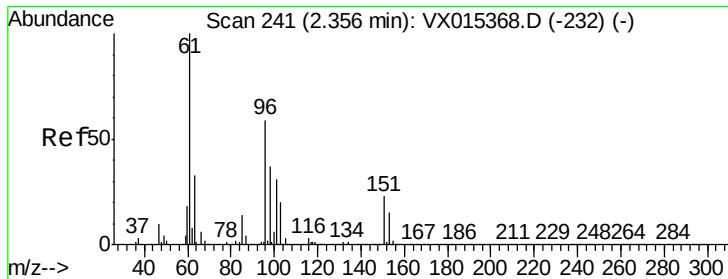
Delta R.T. -0.01 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

Tgt Ion:	59	Resp:	36158
Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.1	12.1

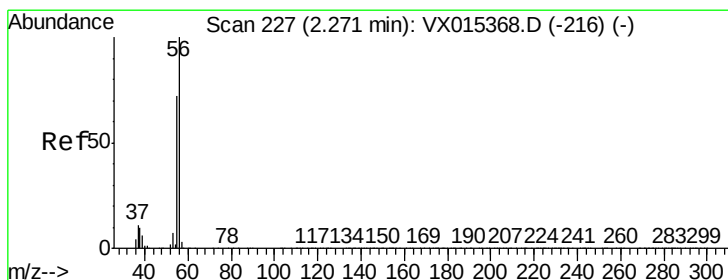
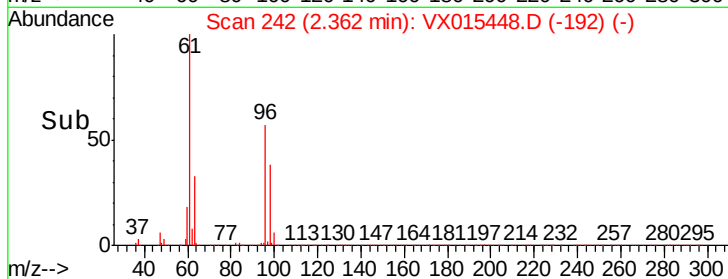
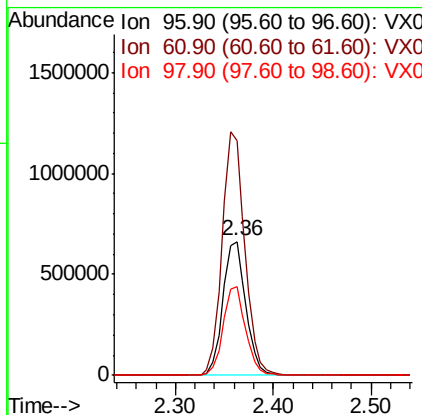
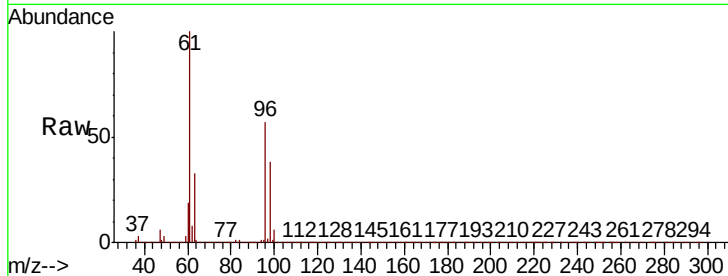




#12
 1,1-Dichloroethene
 Concen: 101.258 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.01 min
 Lab File: VX015448.D
 Acq: 31 Mar 2020 13:04

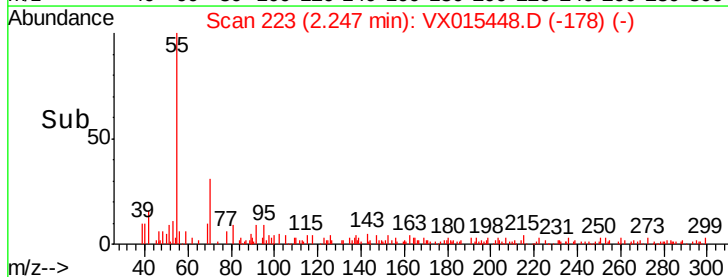
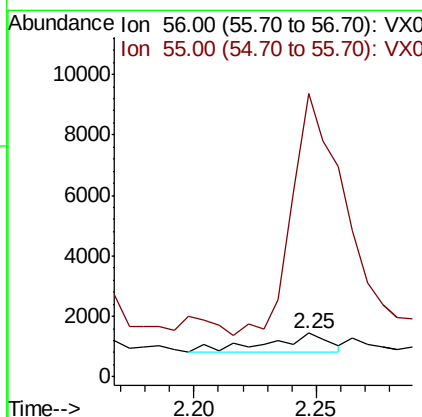
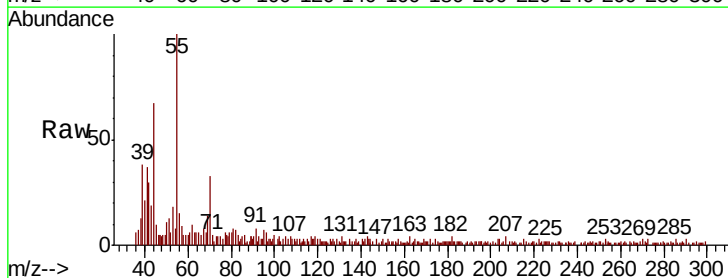
Instrument :
 MSVOA_X
 ClientSampled :

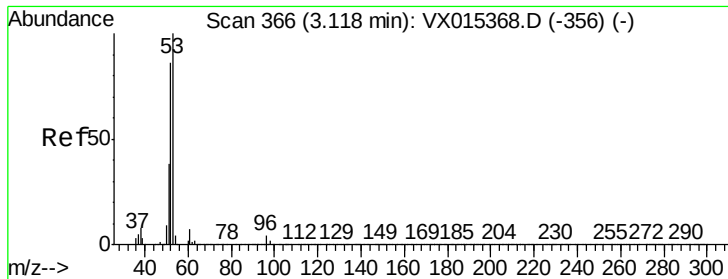
Tot Ion: 96 Resp: 1075572
 Ion Ratio Lower Upper
 96 100
 61 175.2 135.7 203.5
 98 66.1 50.6 75.8



#13
 Acrolein
 Concen: 0.481 ug/l
 RT: 2.25 min Scan# 223
 Delta R.T. -0.02 min
 Lab File: VX015448.D
 Acq: 31 Mar 2020 13:04

Tgt Ion: 56 Resp: 1040
 Ion Ratio Lower Upper
 56 100
 55 1210.8 57.0 85.4#





#15

Acrylonitrile

Concen: 0.379 ug/l

RT: 3.12 min Scan# 367

Delta R.T. 0.01 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampled :

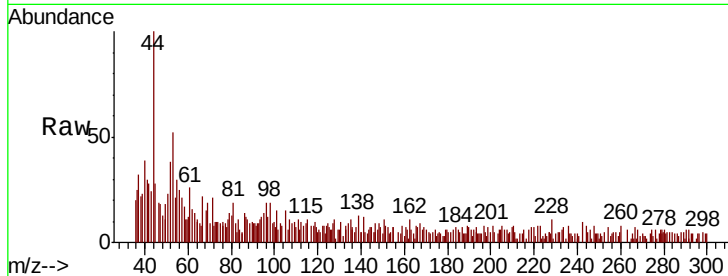
Tot Ion: 53 Resp: 2745

Ion Ratio Lower Upper

53 100

52 87.7 66.8 100.2

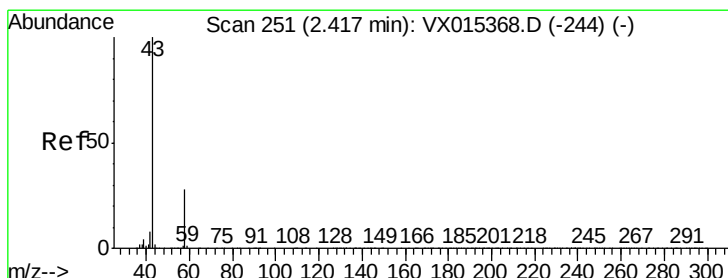
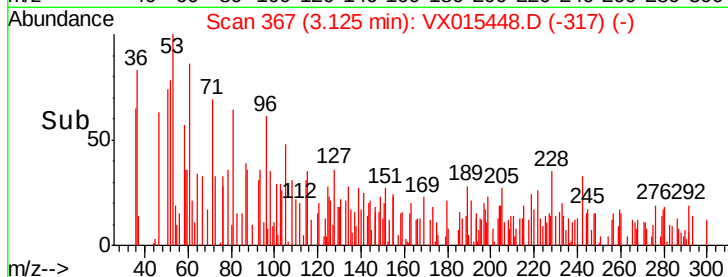
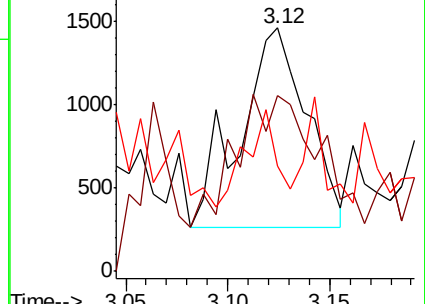
51 41.3 29.5 44.3



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: 1.228 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015448.D

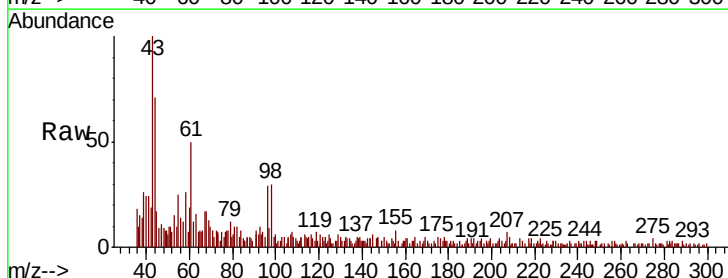
Acq: 31 Mar 2020 13:04

Tgt Ion: 43 Resp: 8370

Ion Ratio Lower Upper

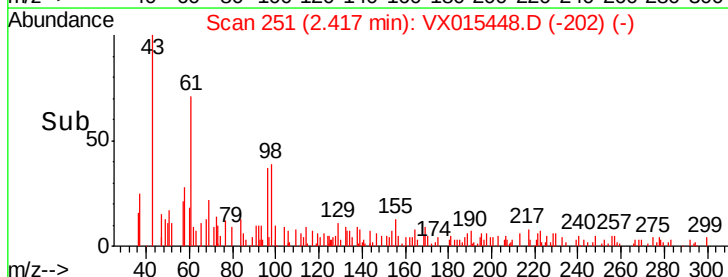
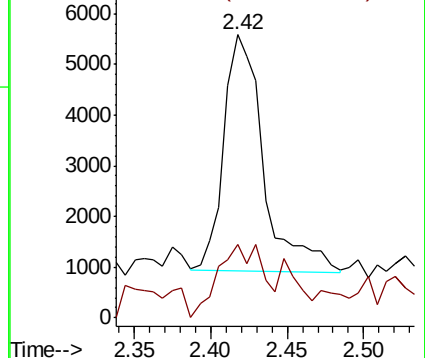
43 100

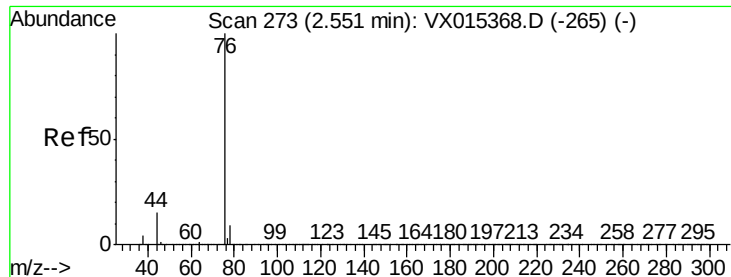
58 31.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.346 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_X

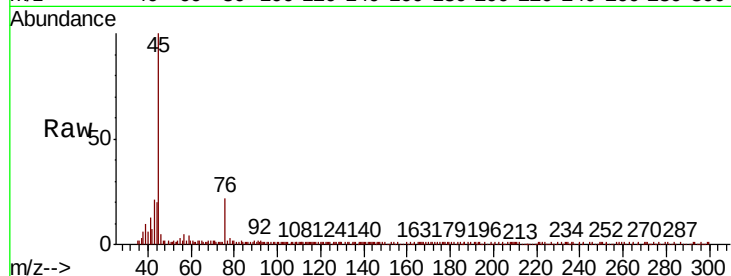
ClientSampleId :

Tot Ion: 76 Resp: 11197

Ion Ratio Lower Upper

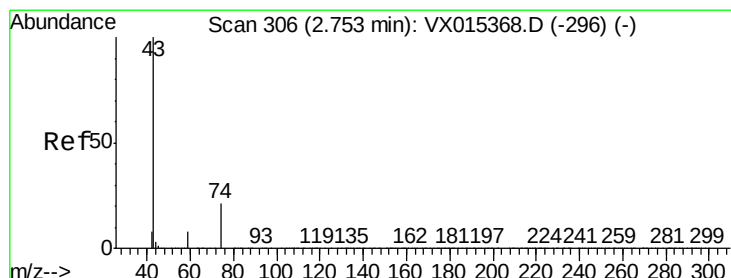
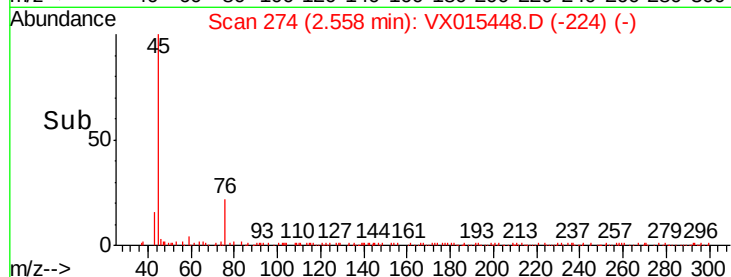
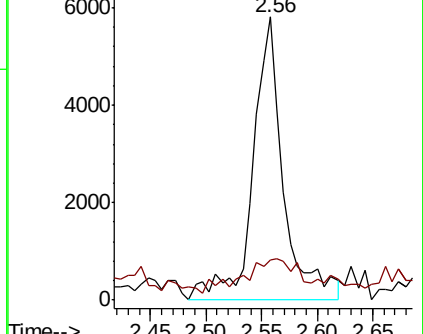
76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.229 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015448.D

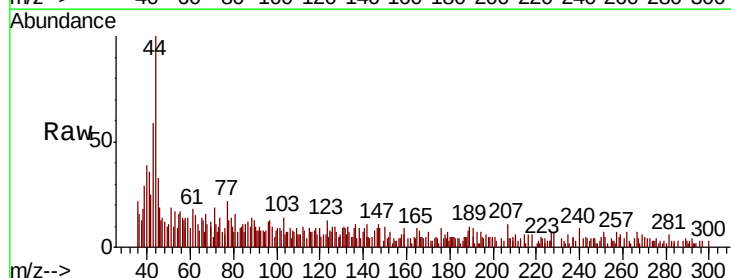
Acq: 31 Mar 2020 13:04

Tgt Ion: 43 Resp: 3982

Ion Ratio Lower Upper

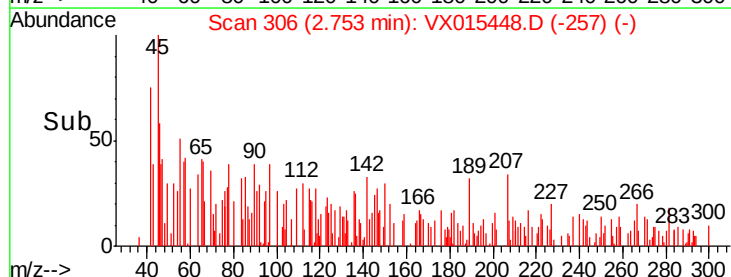
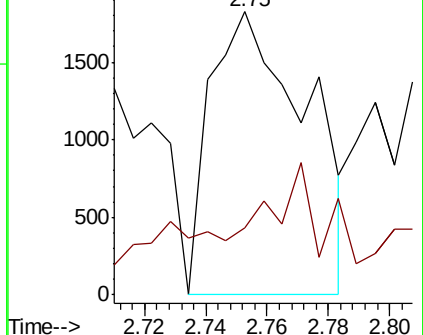
43 100

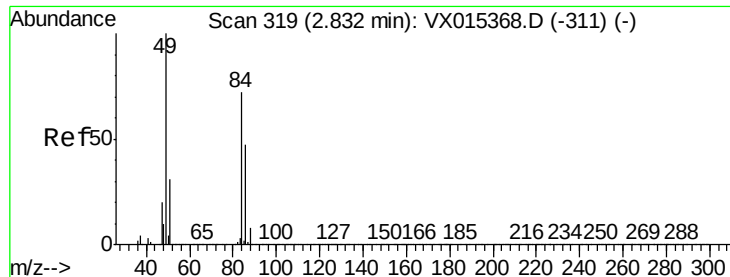
74 14.1 16.5 24.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

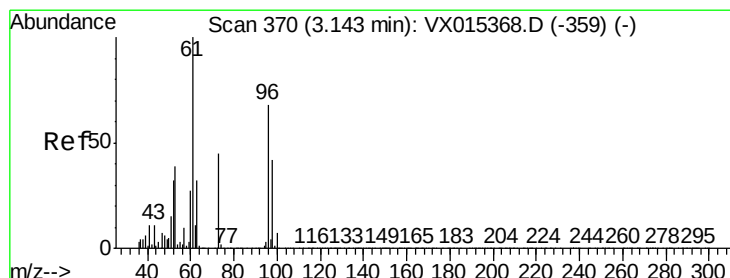
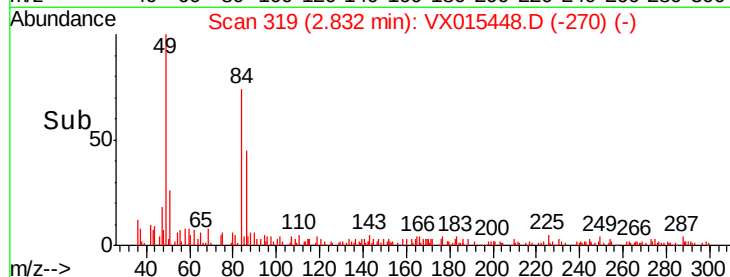
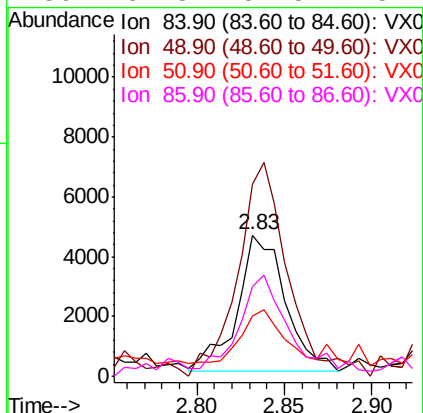
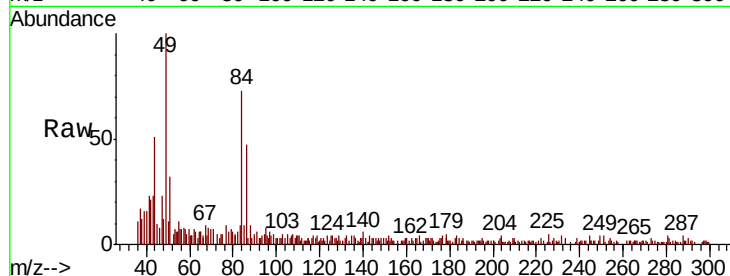




#20
Methylene Chloride
Concen: 0.682 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015448.D
Acq: 31 Mar 2020 13:04

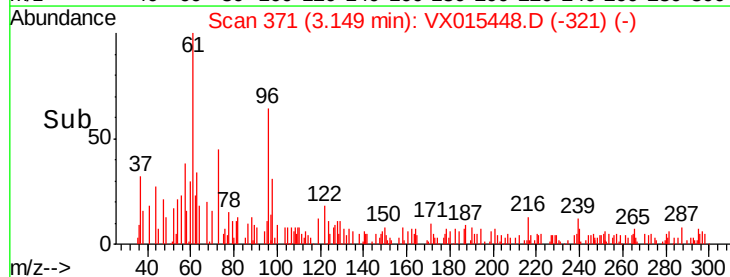
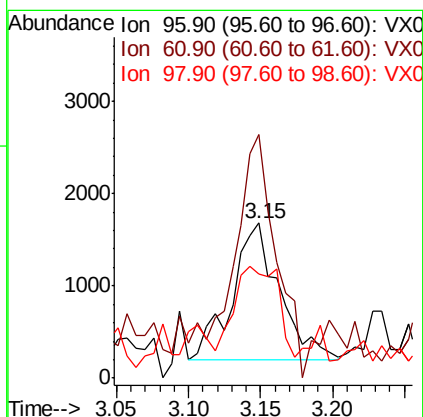
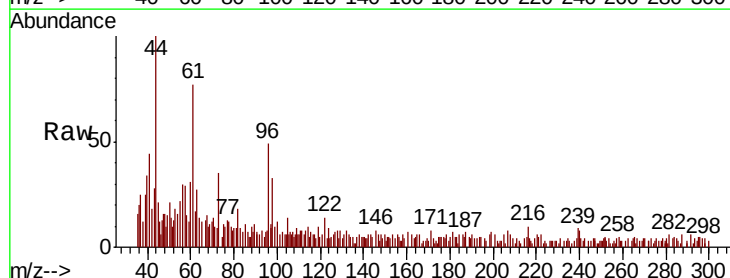
Instrument :
MSVOA_X
ClientSampled :

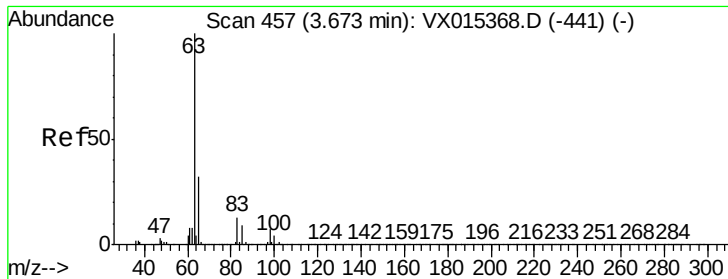
Tot Ion:	84	Resp:	8682
Ion	Ratio	Lower	Upper
84	100		
49	134.4	111.3	166.9
51	35.5	34.0	51.0
86	61.8	52.5	78.7



#21
trans-1,2-Dichloroethene
Concen: 0.285 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.01 min
Lab File: VX015448.D
Acq: 31 Mar 2020 13:04

Tgt Ion:	96	Resp:	3363
Ion	Ratio	Lower	Upper
96	100		
61	152.9	116.9	175.3
98	62.1	48.6	73.0





#24

1,1-Dichloroethane

Concen: 17.579 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

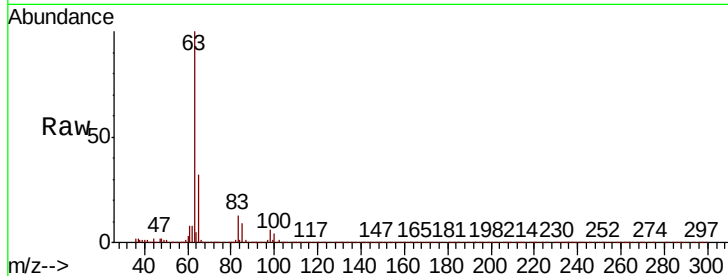
Tot Ion: 63 Resp: 407054

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

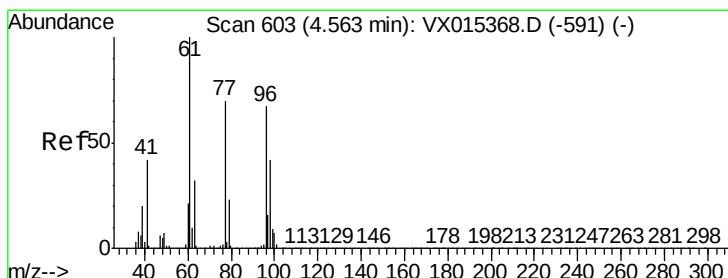
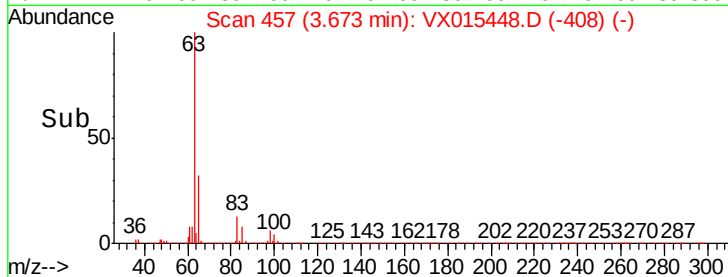
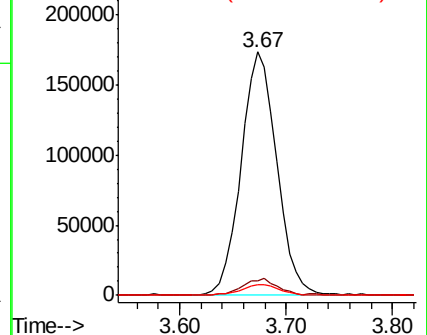
100 4.2 2.1 6.5



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: 12.737 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

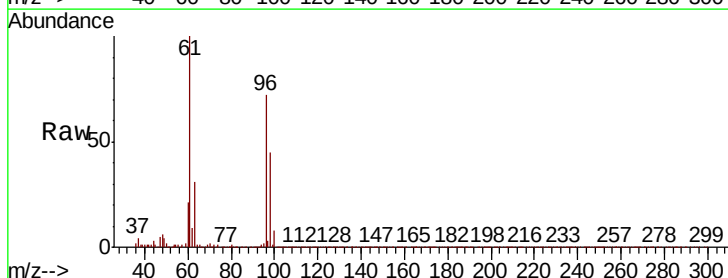
Tgt Ion: 96 Resp: 173709

Ion Ratio Lower Upper

96 100

61 141.6 0.0 308.4

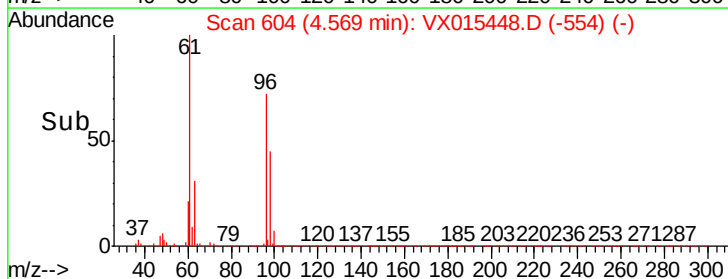
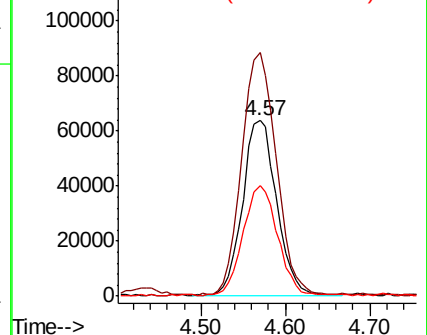
98 63.2 0.0 129.2

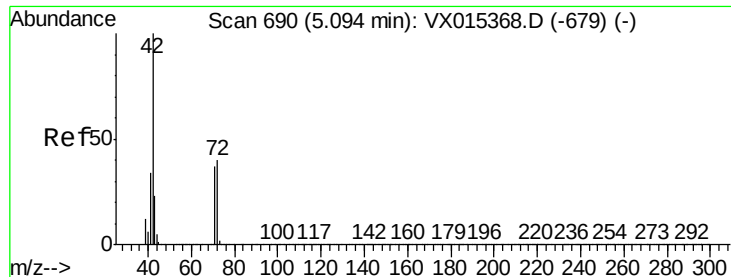


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 0.768 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.02 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

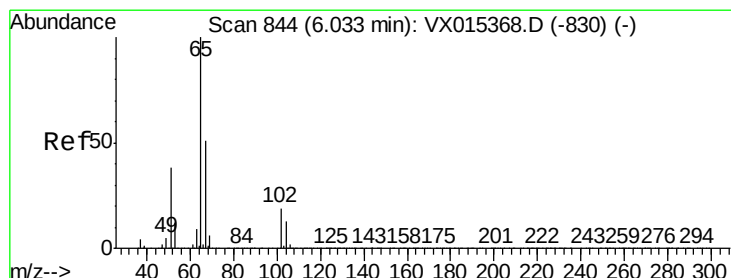
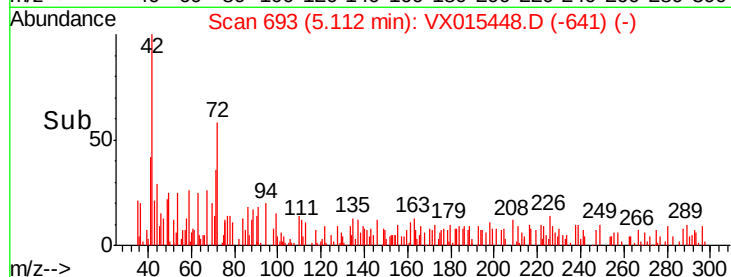
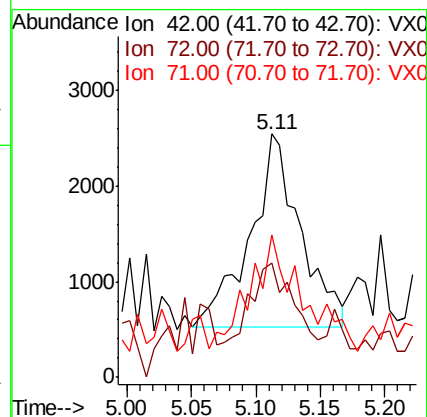
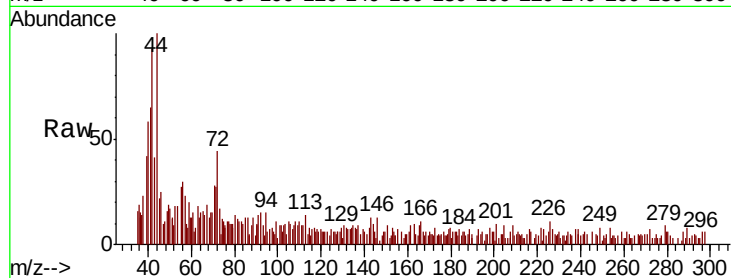
Tot Ion: 42 Resp: 5414

Ion Ratio Lower Upper

42 100

72 51.2 31.7 47.5#

71 37.7 29.6 44.4



#33

1,2-Dichloroethane-d4

Concen: 47.436 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015448.D

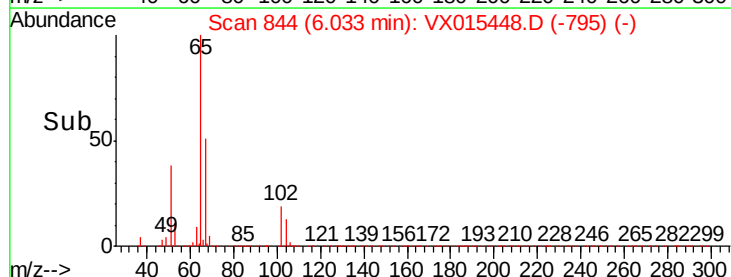
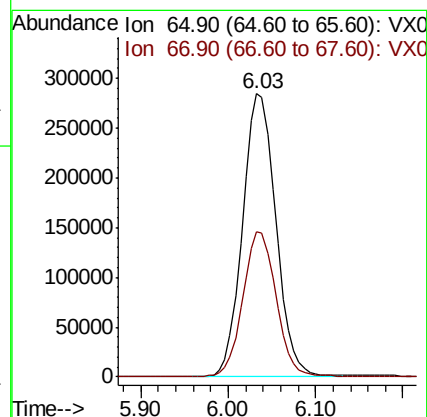
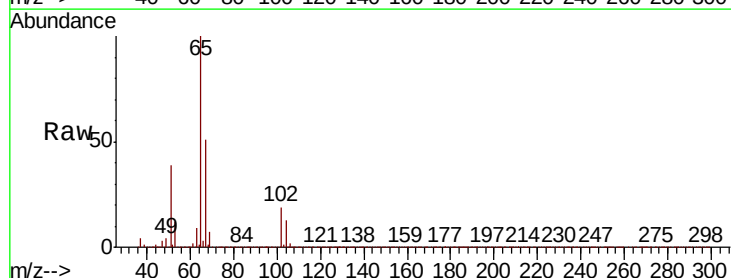
Acq: 31 Mar 2020 13:04

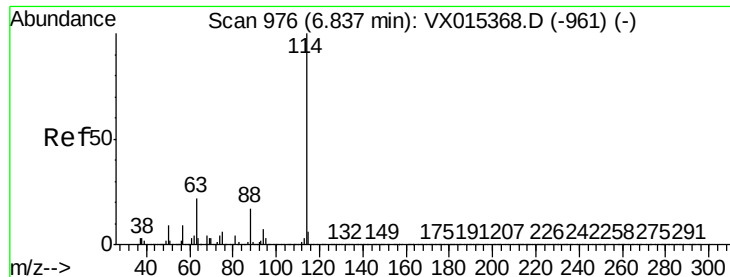
Tgt Ion: 65 Resp: 752722

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.6

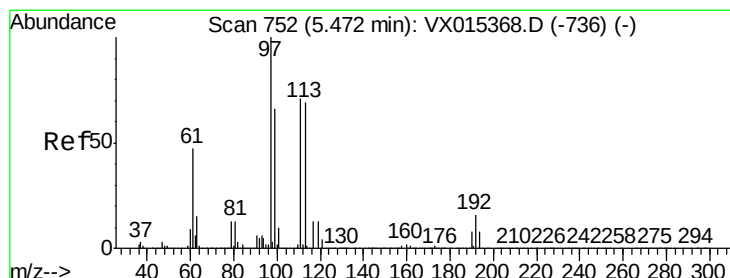
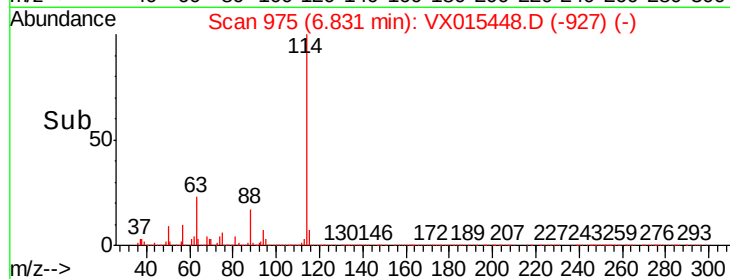
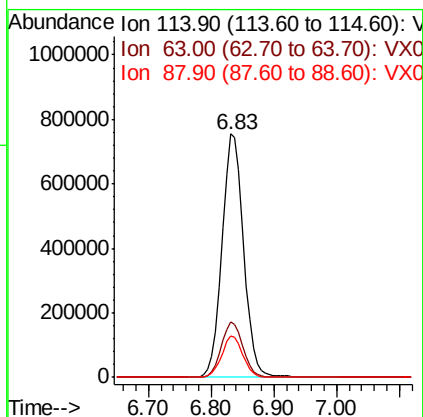
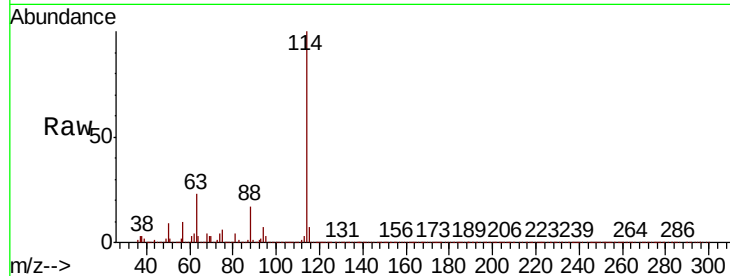




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015448.D
 Acq: 31 Mar 2020 13:04

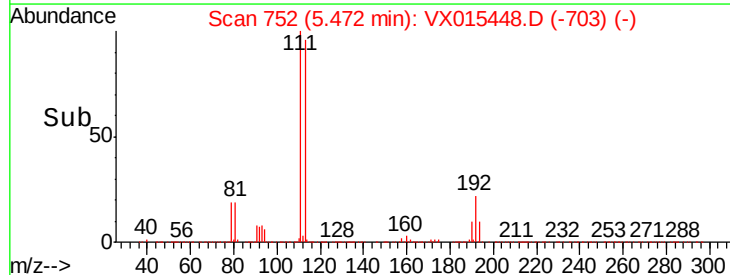
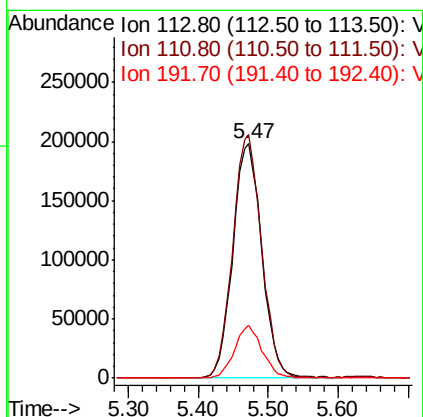
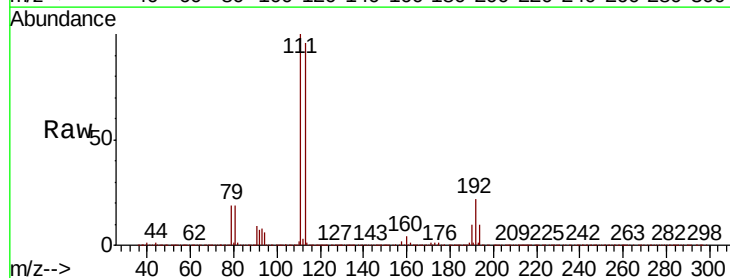
Instrument :
 MSVOA_X
 ClientSampleId :

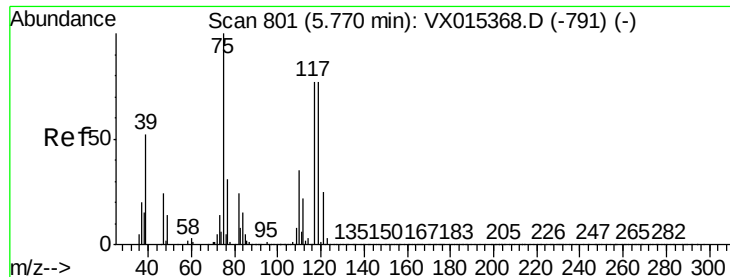
Tot Ion:114 Resp: 1795599
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.2
 88 17.0 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 49.469 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015448.D
 Acq: 31 Mar 2020 13:04

Tgt Ion:113 Resp: 567802
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.5 122.3
 192 21.5 17.8 26.6

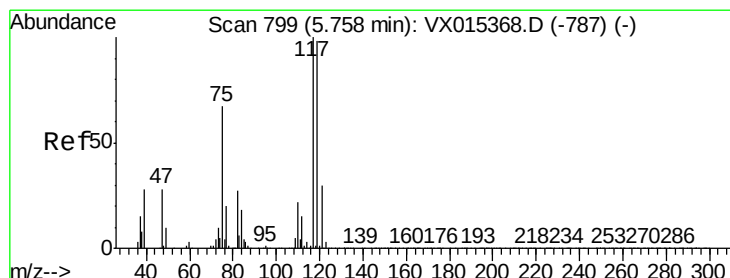
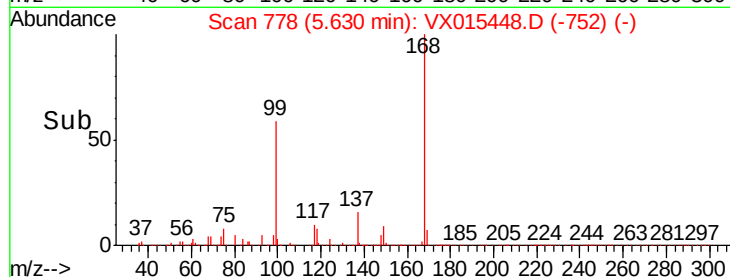
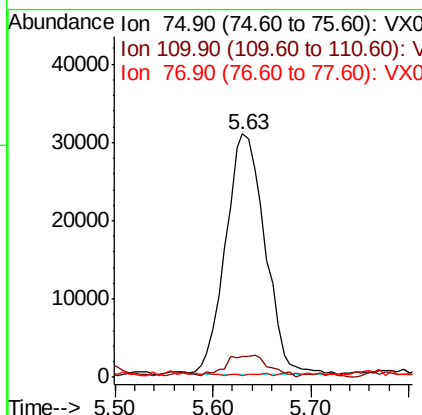
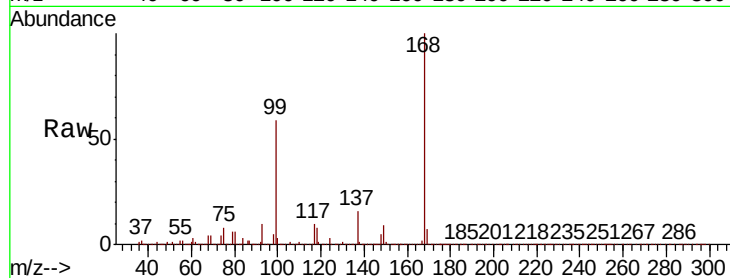




#36
 1,1-Dichloropropene
 Concen: 5.175 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.14 min
 Lab File: VX015448.D
 Acq: 31 Mar 2020 13:04

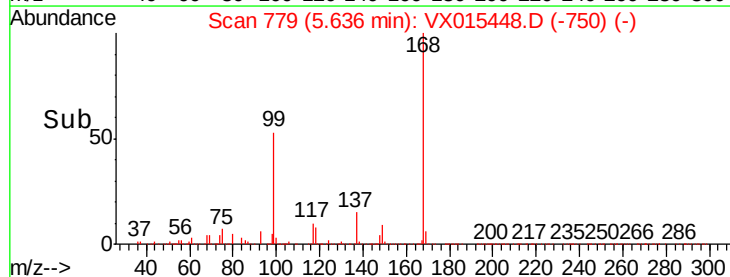
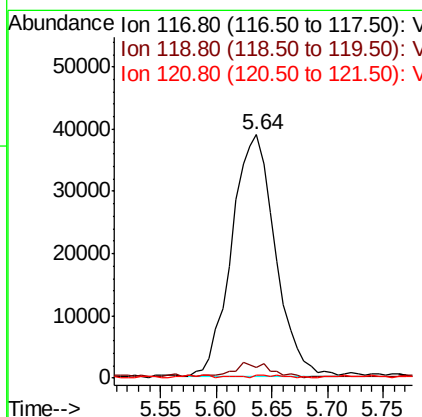
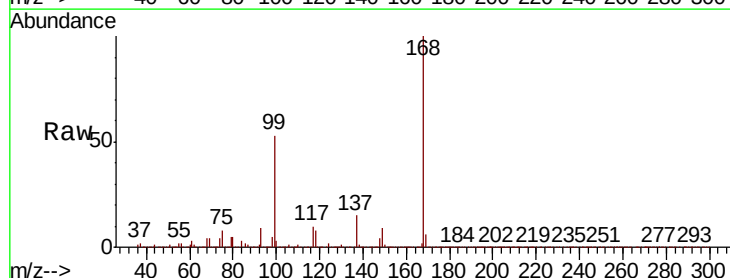
Instrument :
 MSVOA_X
 ClientSampleId :

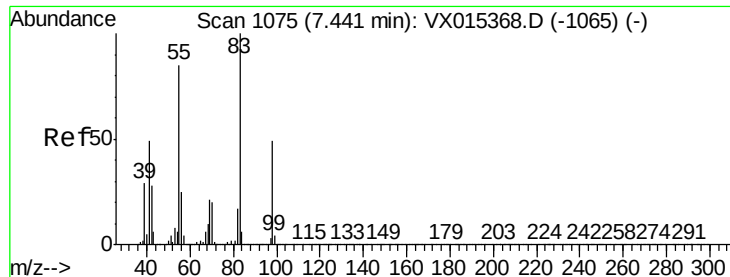
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.3#
77	0.1	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.887 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.12 min
 Lab File: VX015448.D
 Acq: 31 Mar 2020 13:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.8	78.0	117.0#
121	0.6	23.8	35.8#

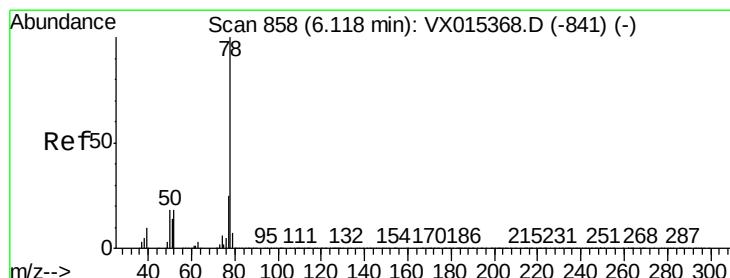
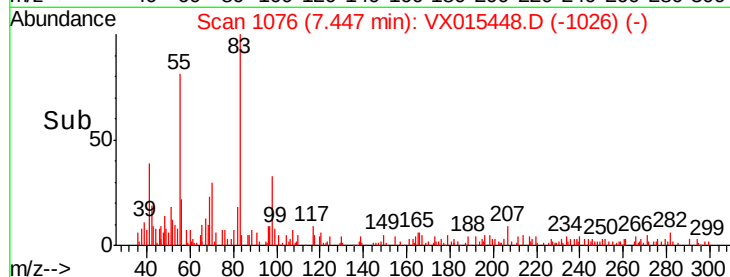
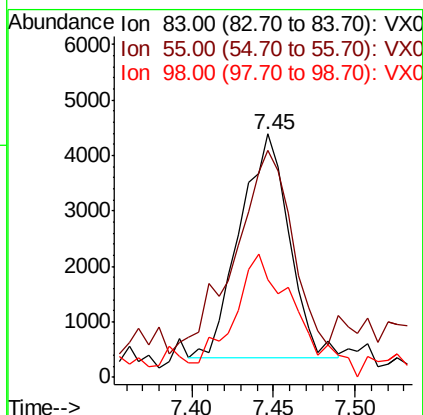
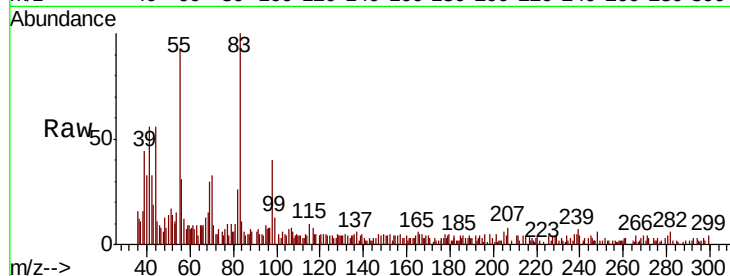




#39
Methylvlcyclohexane
Concen: 0.443 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015448.D
Acq: 31 Mar 2020 13:04

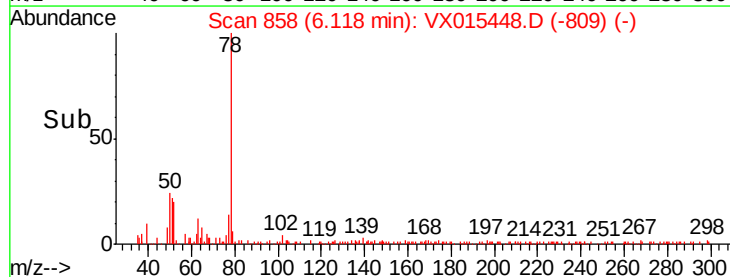
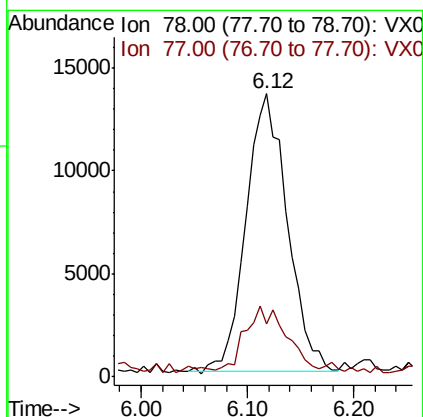
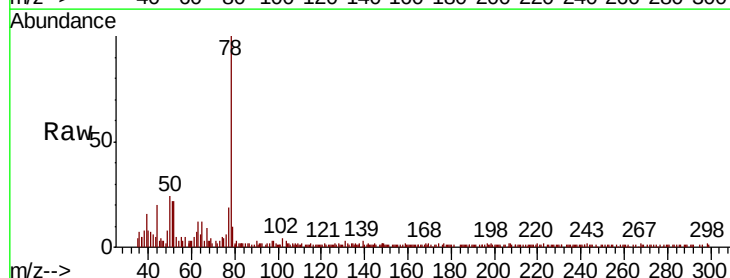
Instrument :
MSVOA_X
ClientSampled :

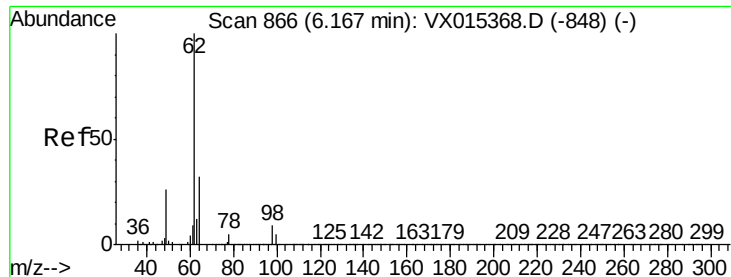
Tot Ion	83	Resp	8460
Ion Ratio	Lower	Upper	
83	100		
55	84.8	67.8	101.6
98	37.3	39.3	58.9#



#40
Benzene
Concen: 0.752 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015448.D
Acq: 31 Mar 2020 13:04

Tgt Ion	78	Resp	36425
Ion Ratio	Lower	Upper	
78	100		
77	16.4	19.8	29.8#

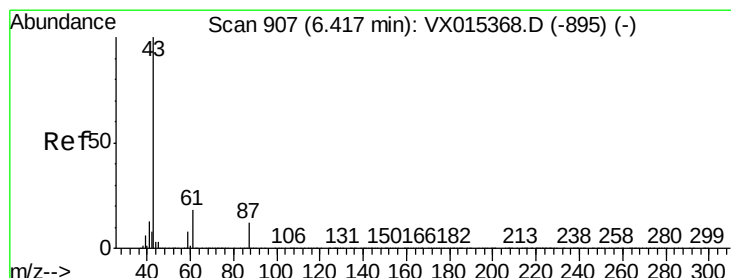
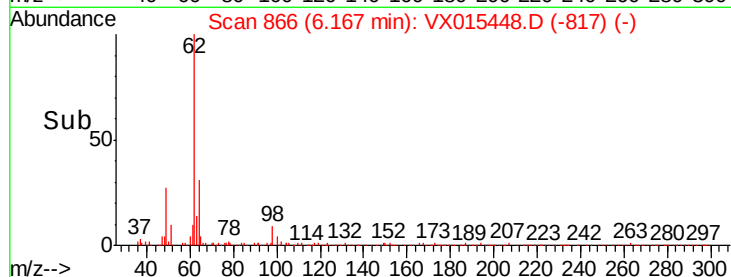
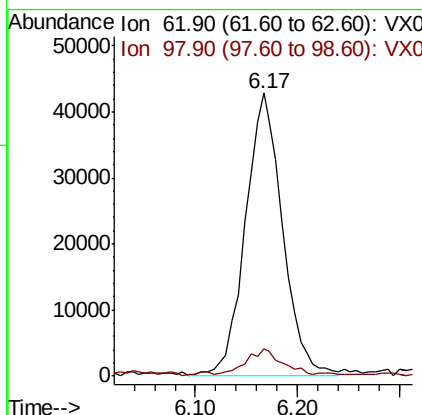
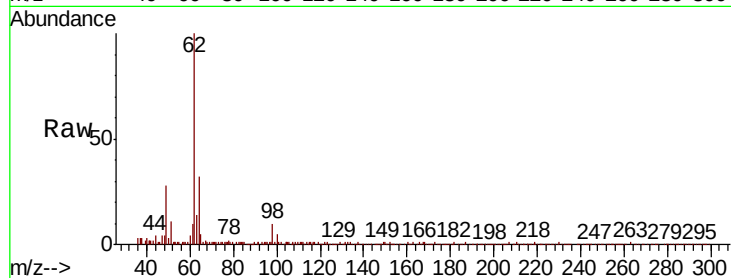




#42
1,2-Dichloroethane
Concen: 5.587 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015448.D
Acq: 31 Mar 2020 13:04

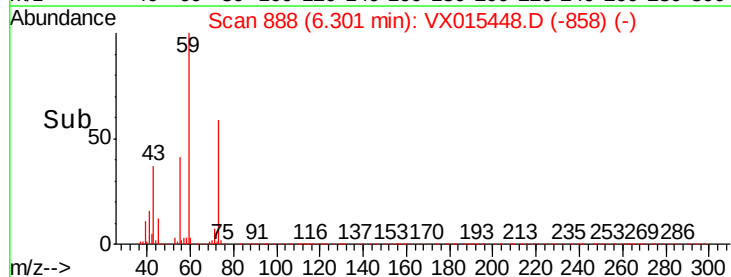
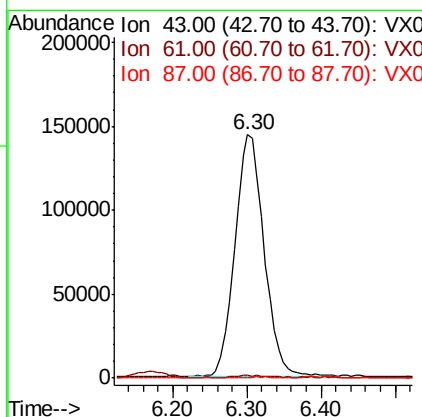
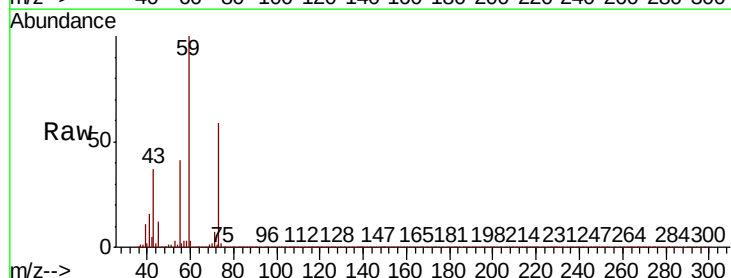
Instrument :
MSVOA_X
ClientSampleId :

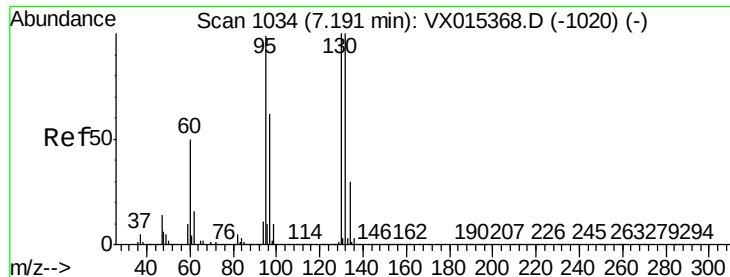
Tot Ion: 62 Resp: 108755
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.6



#43
Isopropyl Acetate
Concen: 10.925 ug/l
RT: 6.30 min Scan# 888
Delta R.T. -0.12 min
Lab File: VX015448.D
Acq: 31 Mar 2020 13:04

Tgt Ion: 43 Resp: 397302
Ion Ratio Lower Upper
43 100
61 1.0 14.8 22.2#
87 0.4 9.4 14.0#





#44

Trichloroethene

Concen: 0.909 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_X

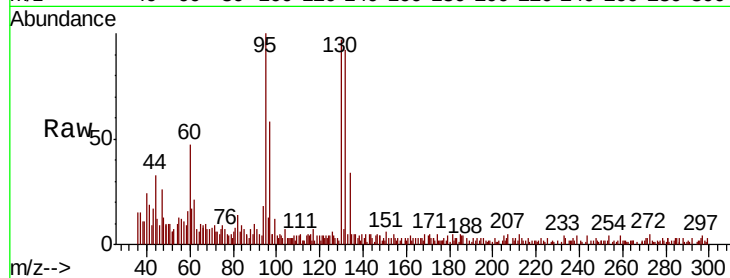
ClientSampleId :

Tot Ion:130 Resp: 12015

Ion Ratio Lower Upper

130 100

95 101.0 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

6000

5000

4000

3000

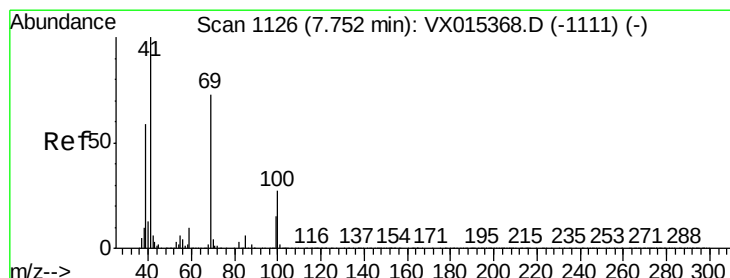
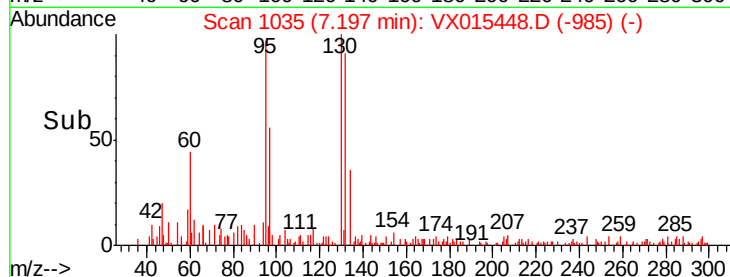
2000

1000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#48

Methyl methacrylate

Concen: 0.784 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.04 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

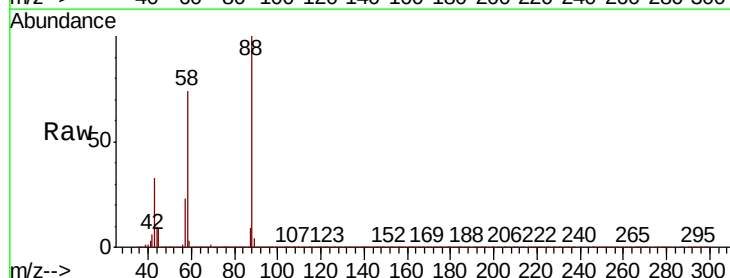
Tgt Ion: 41 Resp: 14244

Ion Ratio Lower Upper

41 100

69 18.1 56.7 85.1#

39 28.3 46.5 69.7#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

10000

8000

6000

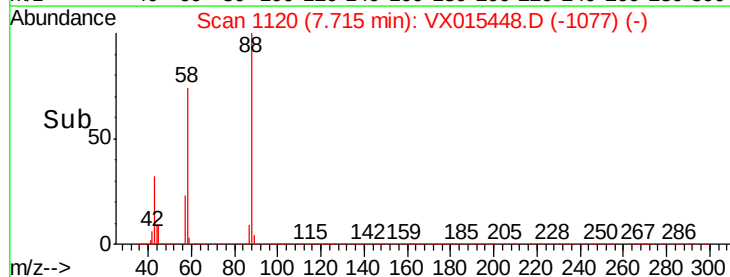
4000

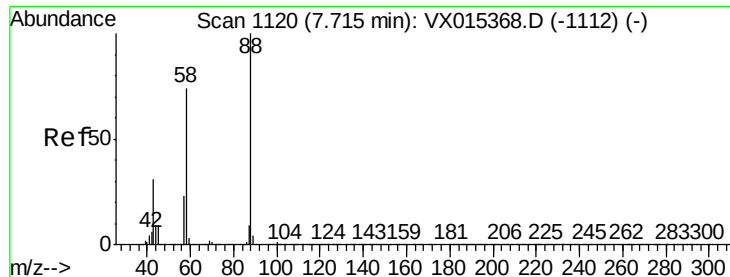
2000

0

7.60 7.65 7.70 7.75 7.80

Time-->





#49

1,4-Dioxane

Concen: 1782.025 ug/l

RT: 7.71 min Scan# 1119

Delta R.T. -0.01 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

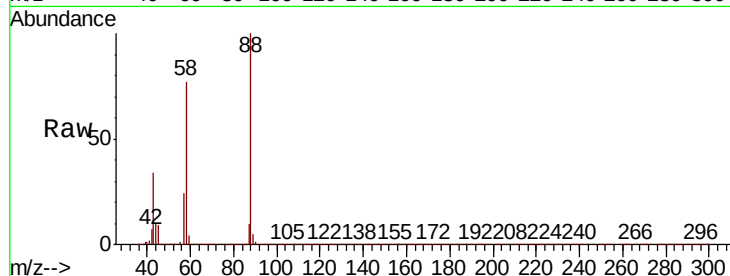
Tot Ion: 88 Resp: 603838

Ion Ratio Lower Upper

88 100

43 32.9 30.1 45.1

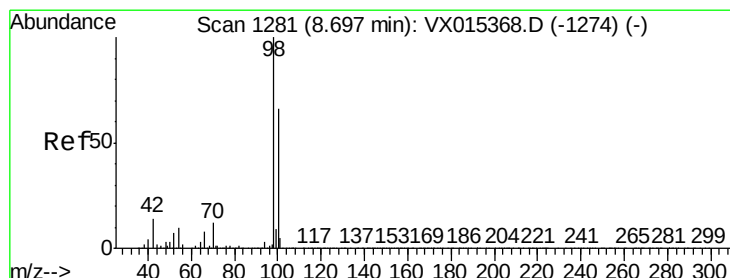
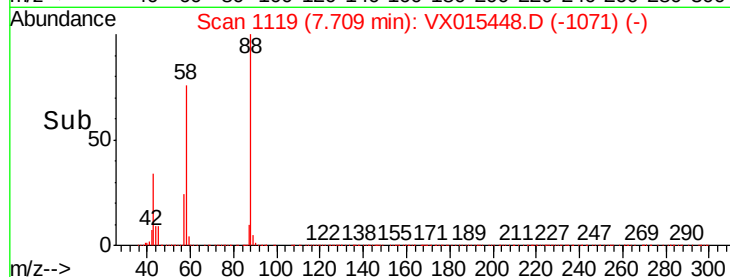
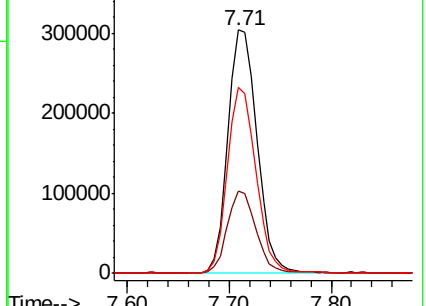
58 75.4 60.6 90.8



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: 51.386 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015448.D

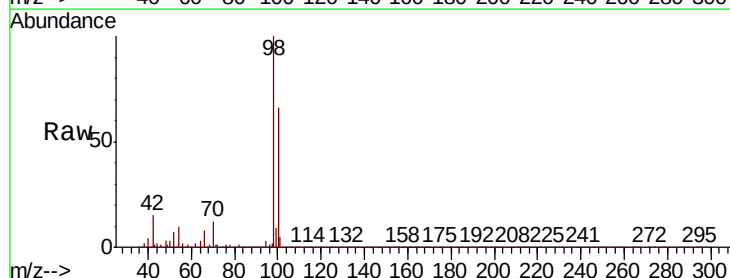
Acq: 31 Mar 2020 13:04

Tgt Ion: 98 Resp: 2171518

Ion Ratio Lower Upper

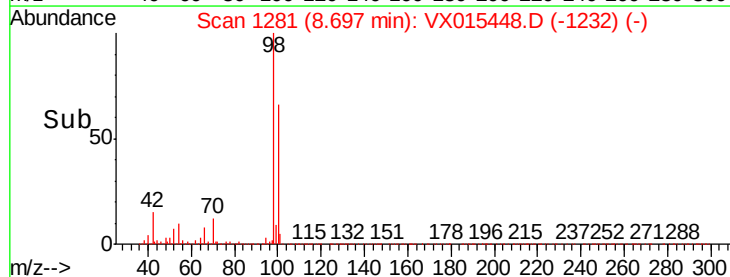
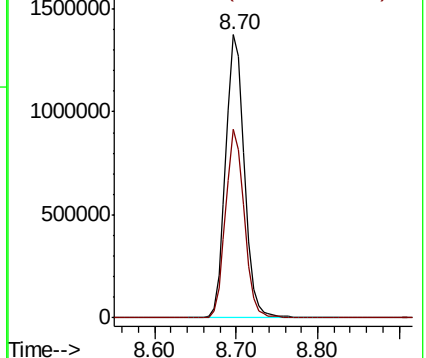
98 100

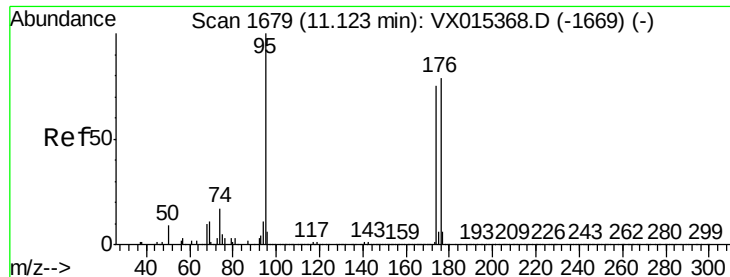
100 66.6 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

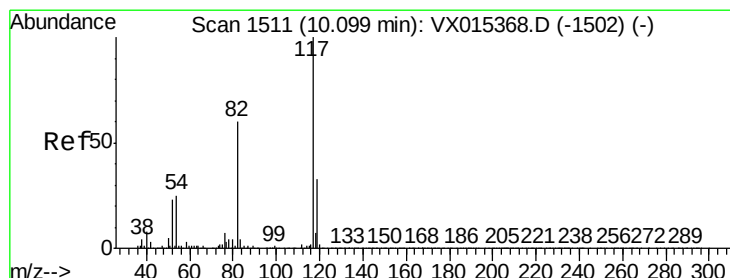
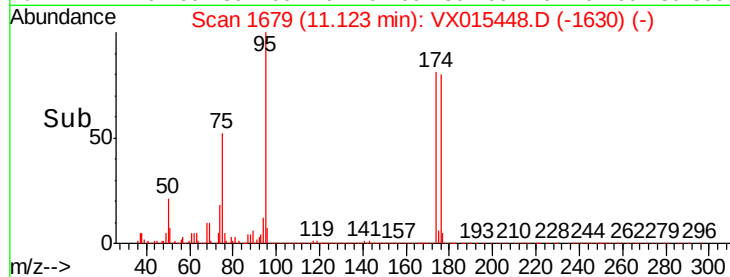
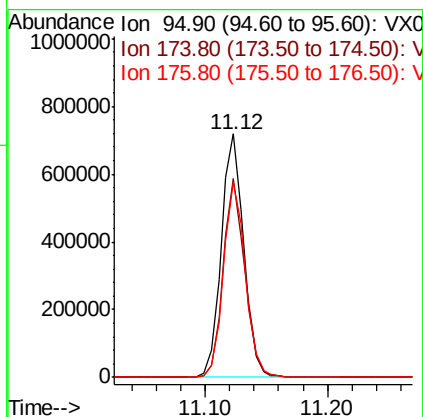
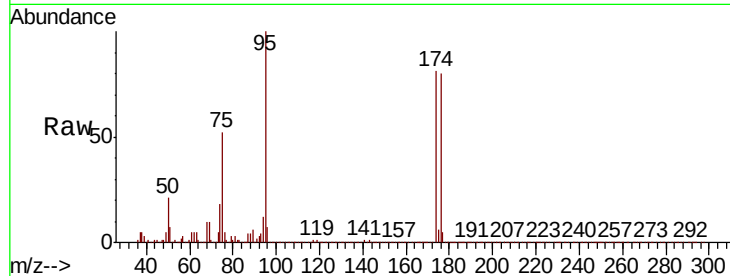




#62
4-Bromofluorobenzene
Concen: 53.203 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015448.D
Acq: 31 Mar 2020 13:04

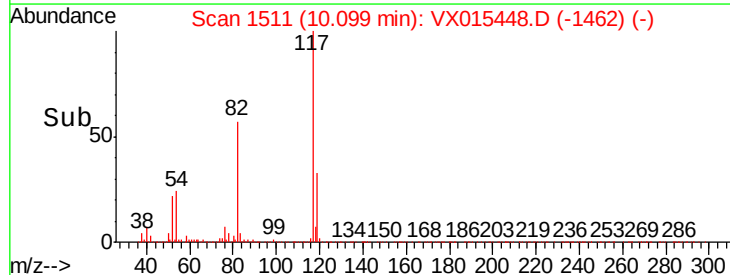
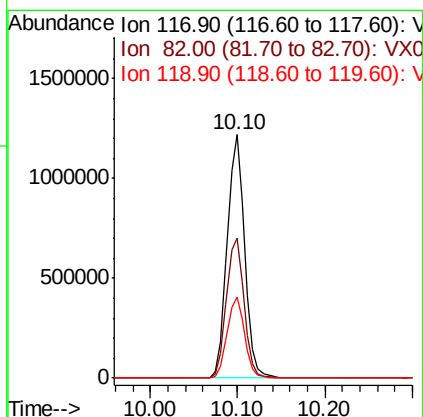
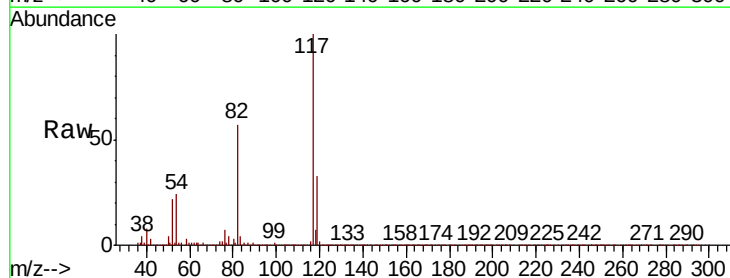
Instrument :
MSVOA_X
ClientSampleId :

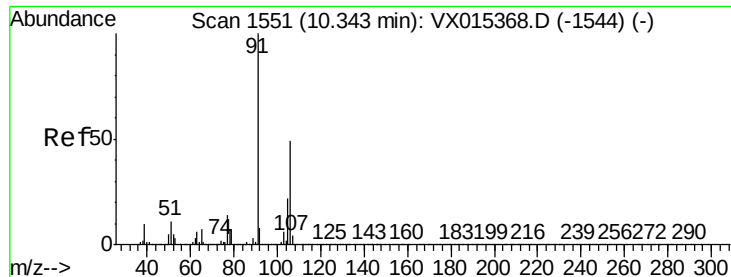
Tot Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	158.6
176	78.2	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015448.D
Acq: 31 Mar 2020 13:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.8	71.8
119	33.0	26.8	40.2





#68

m/p-Xvlenes

Concen: 0.252 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_X

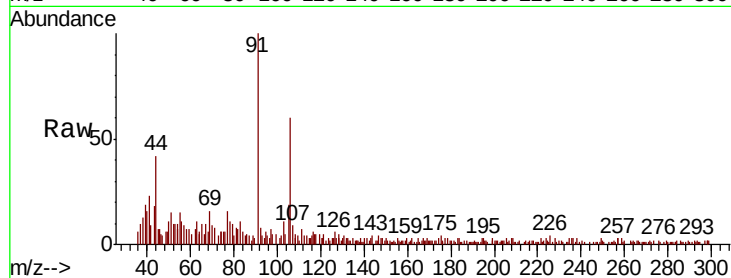
ClientSampleId :

Tot Ion:106 Resp: 5585

Ion Ratio Lower Upper

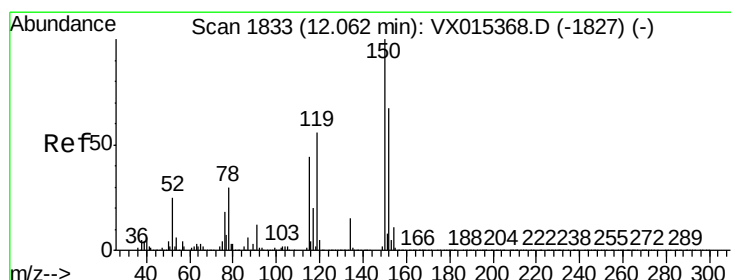
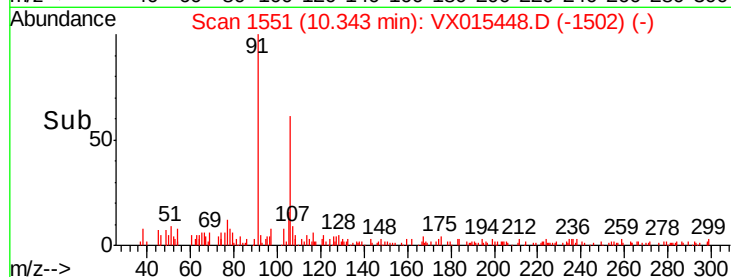
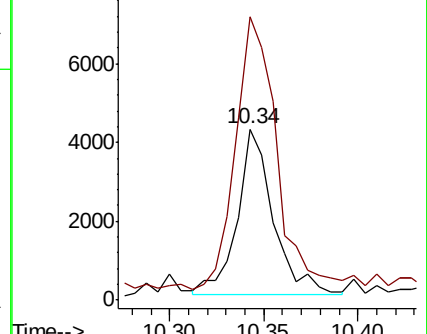
106 100

91 186.5 163.4 245.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

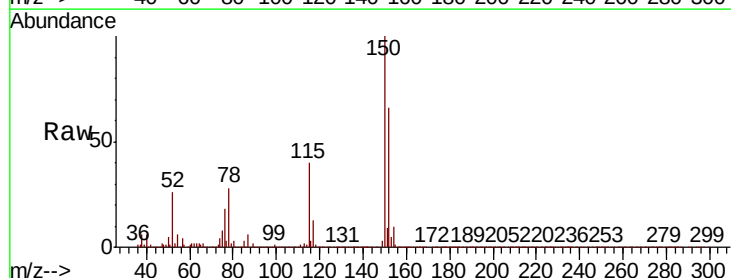
Tgt Ion:152 Resp: 883269

Ion Ratio Lower Upper

152 100

115 59.3 39.0 116.9

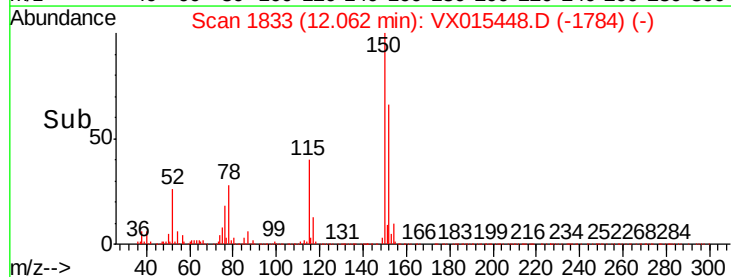
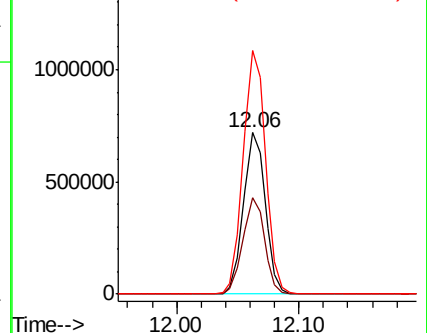
150 154.3 0.0 340.8

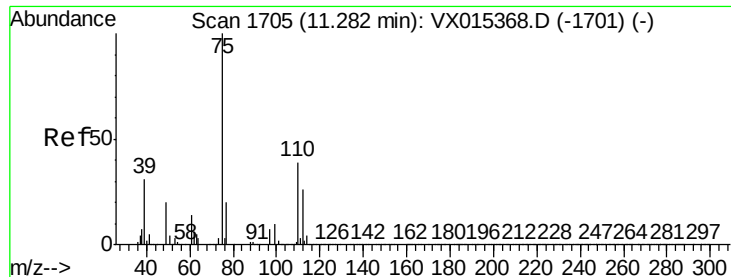


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.048 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_X

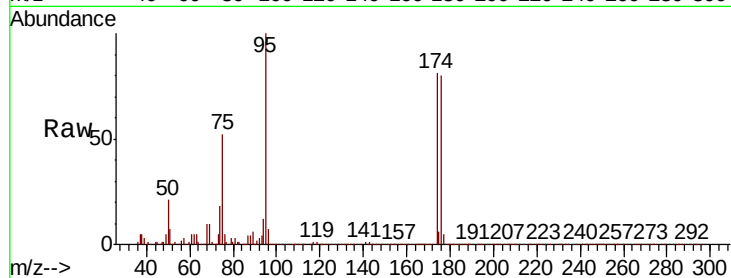
ClientSampleId :

Tot Ion: 75 Resp: 473126

Ion Ratio Lower Upper

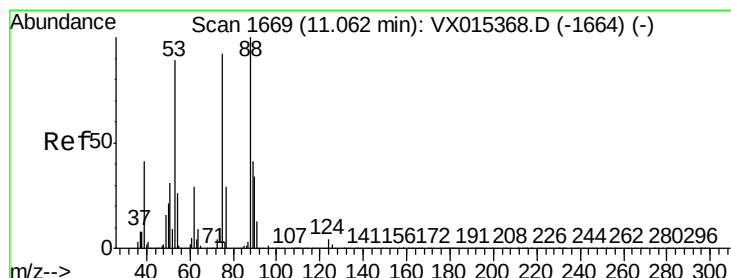
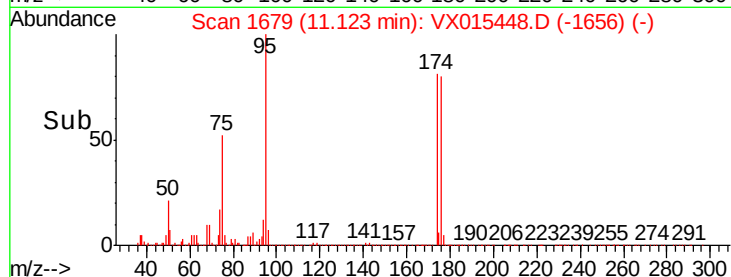
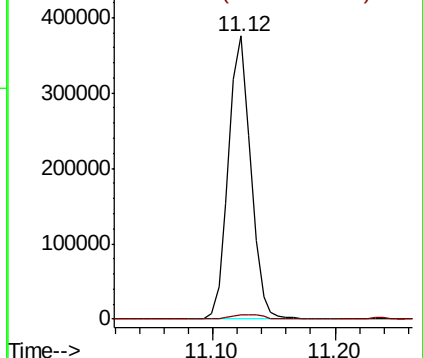
75 100

77 2.1 21.2 63.6#



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: 62.501 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

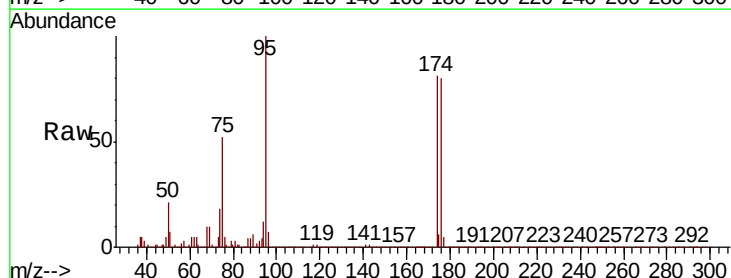
Tgt Ion: 75 Resp: 473126

Ion Ratio Lower Upper

75 100

53 4.2 80.1 120.1#

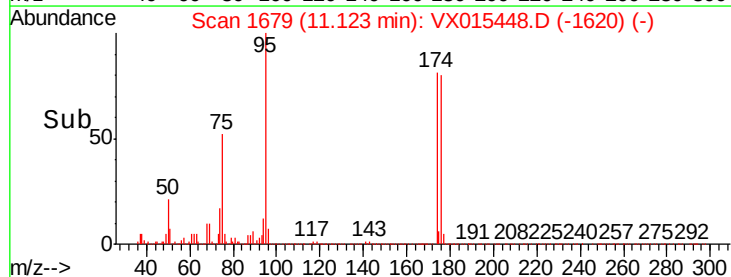
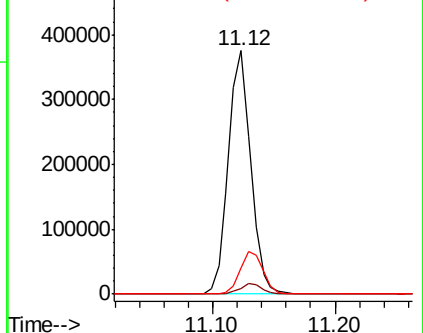
89 18.1 36.1 54.1#

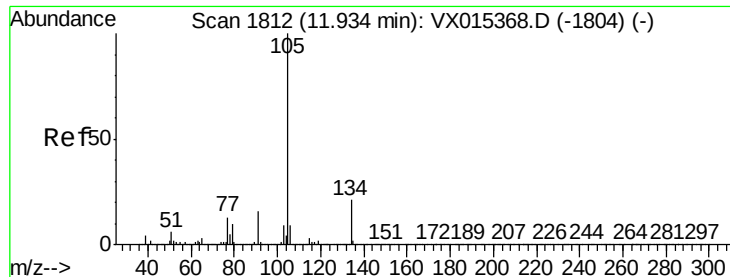


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

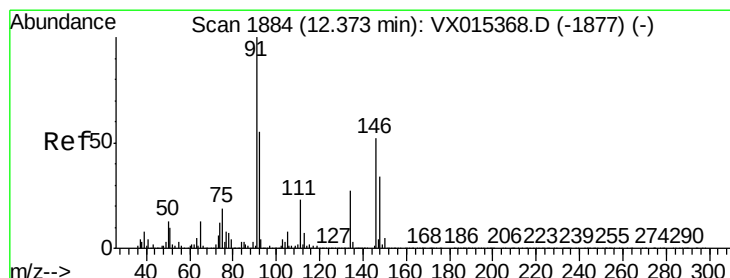
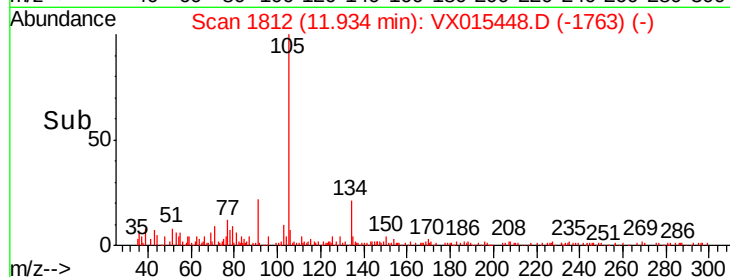
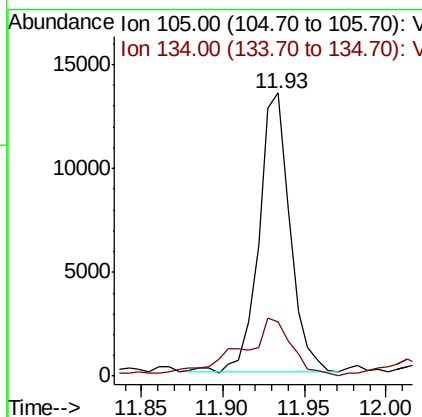
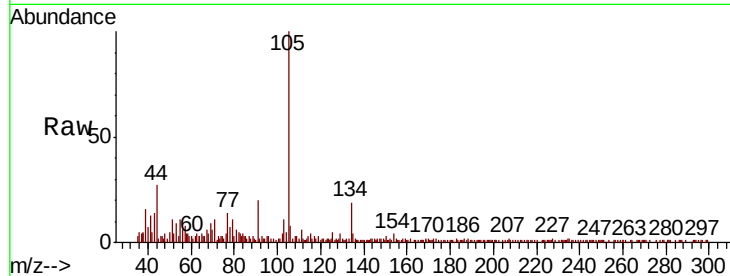




#85
 sec-Butylbenzene
 Concen: 0.316 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015448.D
 Acq: 31 Mar 2020 13:04

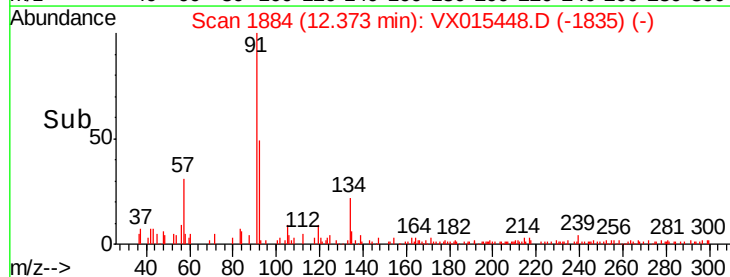
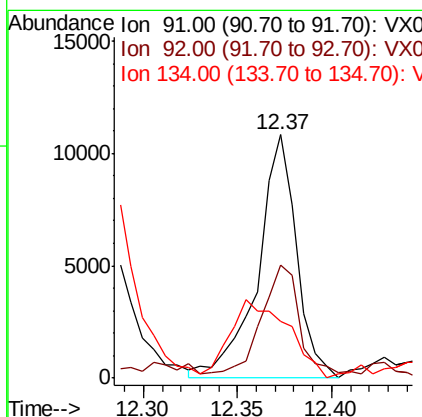
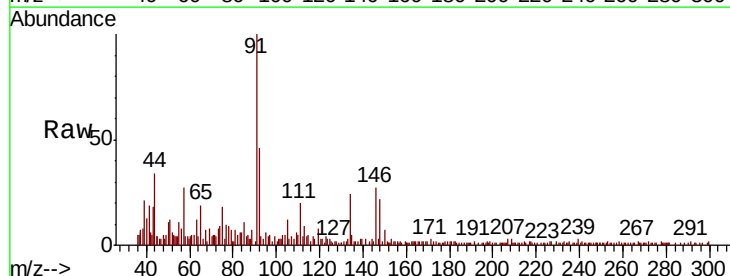
Instrument :
 MSVOA_X
 ClientSampleId :

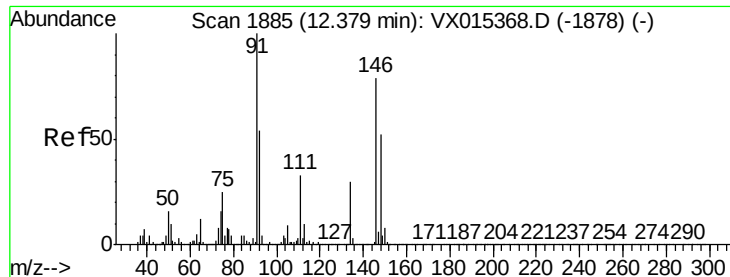
Tot Ion: 105 Resp: 17659
 Ion Ratio Lower Upper
 105 100
 134 34.9 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 0.331 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX015448.D
 Acq: 31 Mar 2020 13:04

Tgt Ion: 91 Resp: 15513
 Ion Ratio Lower Upper
 91 100
 92 43.0 27.2 81.5
 134 47.8 13.4 40.2#





#91

1,2-Dichlorobenzene

Concen: 0.219 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampled :

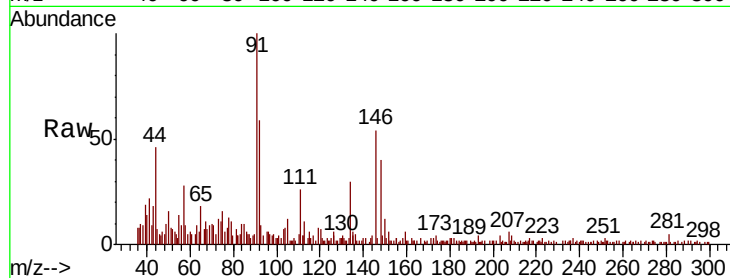
Tot Ion:146 Resp: 5931

Ion Ratio Lower Upper

146 100

111 54.8 21.0 63.0

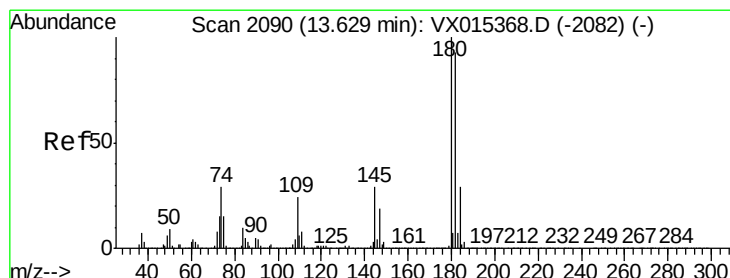
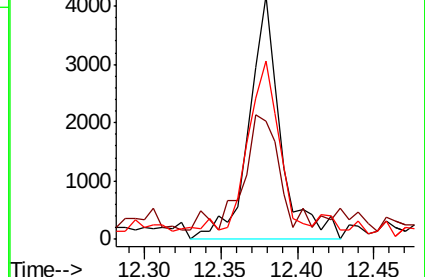
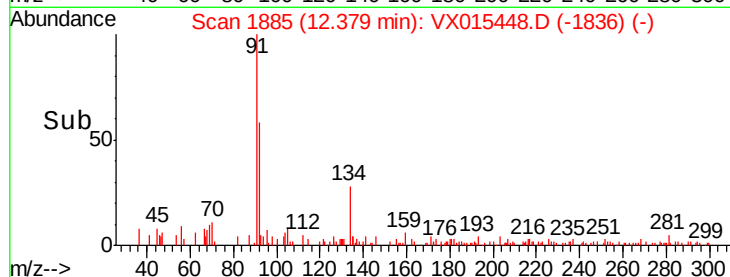
148 69.9 32.4 97.0



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



#93

1,2,4-Trichlorobenzene

Concen: 0.290 ug/l

RT: 13.63 min Scan# 2091

Delta R.T. 0.01 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

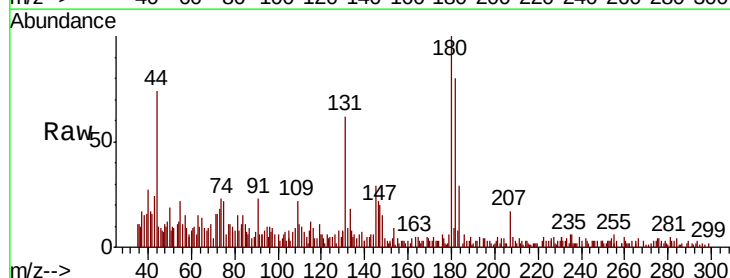
Tgt Ion:180 Resp: 6200

Ion Ratio Lower Upper

180 100

182 92.9 46.9 140.7

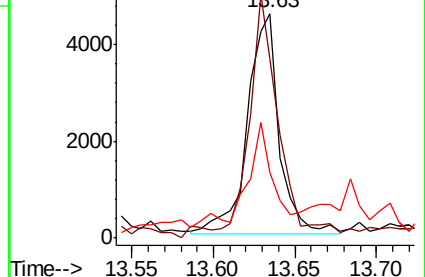
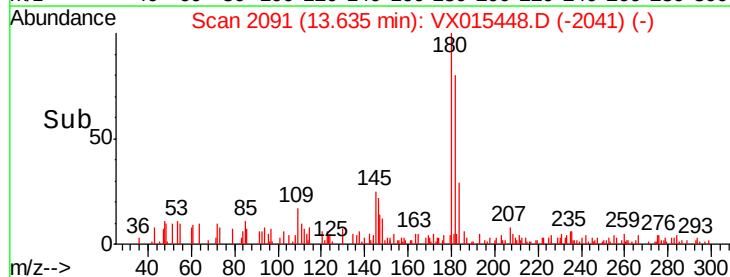
145 39.7 14.9 44.5

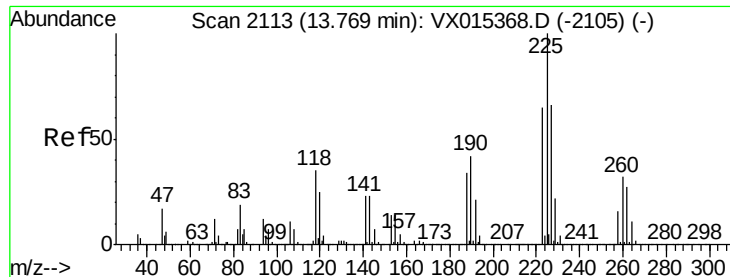


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.410 ug/l

RT: 13.77 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

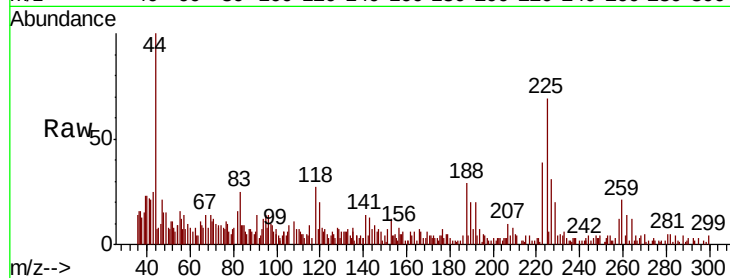
Tot Ion:225 Resp: 4173

Ion Ratio Lower Upper

225 100

223 60.6 31.9 95.7

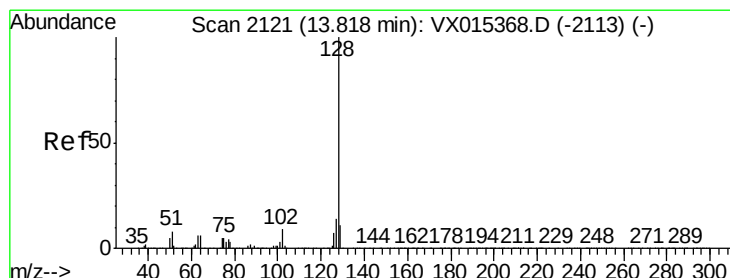
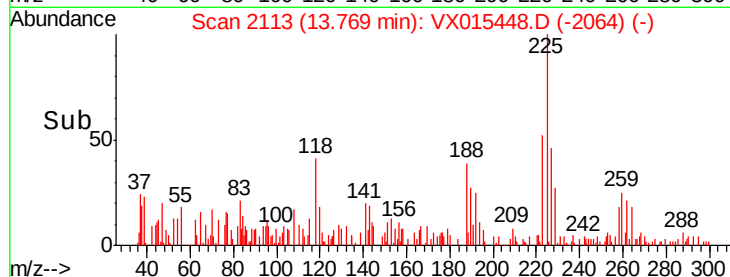
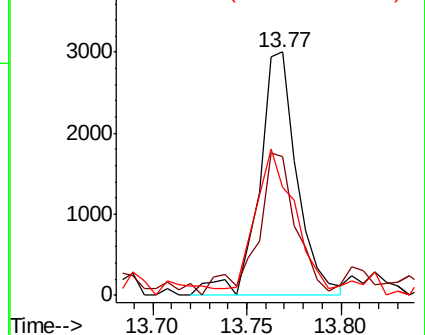
227 57.8 30.4 91.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.216 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015448.D

Acq: 31 Mar 2020 13:04

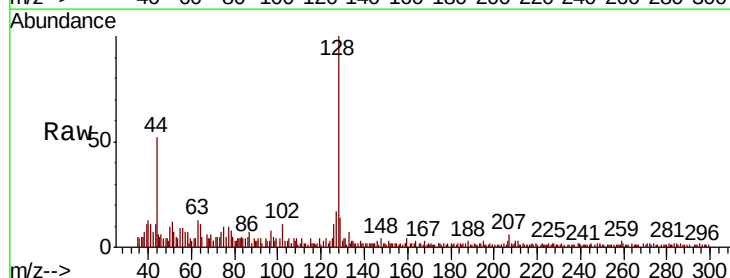
Tgt Ion:128 Resp: 14066

Ion Ratio Lower Upper

128 100

127 14.5 10.6 15.8

129 20.3 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

