

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX081619\
 Data File : VX011584.D
 Acq On : 16 Aug 2019 16:24
 Operator : JC/SP
 Sample : K4368-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0141

Quant Time: Aug 19 01:09:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	459918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	636829	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	564448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	255462	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	212985	49.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.88%	
35) Dibromofluoromethane	5.49	113	183276	44.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.00%	
50) Toluene-d8	8.71	98	734471	56.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.18%	
62) 4-Bromofluorobenzene	11.13	95	251114	45.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1360	0.290	ug/l	100
5) Bromomethane	1.64	94	475	0.250	ug/l #	59
6) Chloroethane	1.73	64	459	0.229	ug/l #	43
8) Diethyl Ether	2.14	74	420	0.208	ug/l	59
11) Tert butyl alcohol	3.02	59	1760	1.682	ug/l #	71
13) Acrolein	2.39	56	12551	49.267	ug/l #	82
14) Allyl chloride	2.84	41	91878	14.084	ug/l #	65
15) Acrylonitrile	3.17	53	23489	9.808	ug/l #	40
16) Acetone	2.43	43	4411	2.057	ug/l	98
18) Methyl Acetate	2.84	43	242462	36.454	ug/l #	51
25) 2-Butanone	4.40	43	291666	86.629	ug/l #	47
26) 2,2-Dichloropropane	4.40	77	28202	5.101	ug/l #	52
31) Cyclohexane	5.58	56	4966757	785.371	ug/l	96
36) 1,1-Dichloropropene	5.66	75	26163	4.805	ug/l #	50
38) Carbon Tetrachloride	5.65	117	39247	6.543	ug/l #	16
39) Methylcyclohexane	7.46	83	2523539	375.306	ug/l	99
43) Isopropyl Acetate	6.45	43	30488	3.119	ug/l #	60
45) 1,2-Dichloropropane	7.46	63	20407	4.836	ug/l #	1
47) Bromodichloromethane	7.85	83	2705	0.480	ug/l #	87
48) Methyl methacrylate	7.73	41	100261	20.715	ug/l #	46
49) 1,4-Dioxane	7.74	88	124	0.963	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	15190	2.374	ug/l #	42
52) Toluene	8.78	92	29659	2.751	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	78787	17.187	ug/l #	19
56) Ethyl methacrylate	9.16	69	17174	2.578	ug/l #	4
67) Ethyl Benzene	10.25	91	14971687	745.148	ug/l #	74
68) m/p-Xylenes	10.37	106	18202388	2360.131	ug/l #	1
69) o-Xylene	10.69	106	1368592	181.160	ug/l	98
70) Styrene	10.70	104	68670	5.400	ug/l #	1
71) Bromoform	10.88	173	121	3.317	ug/l #	28
73) Isopropylbenzene	11.02	105	1995715	120.394	ug/l	99
76) 1,2,3-Trichloropropane	11.36	75	13359	2.758	ug/l #	1
78) n-propylbenzene	11.36	91	2224098	124.428	ug/l	99
79) 2-Chlorotoluene	11.43	91	967967	88.191	ug/l #	38

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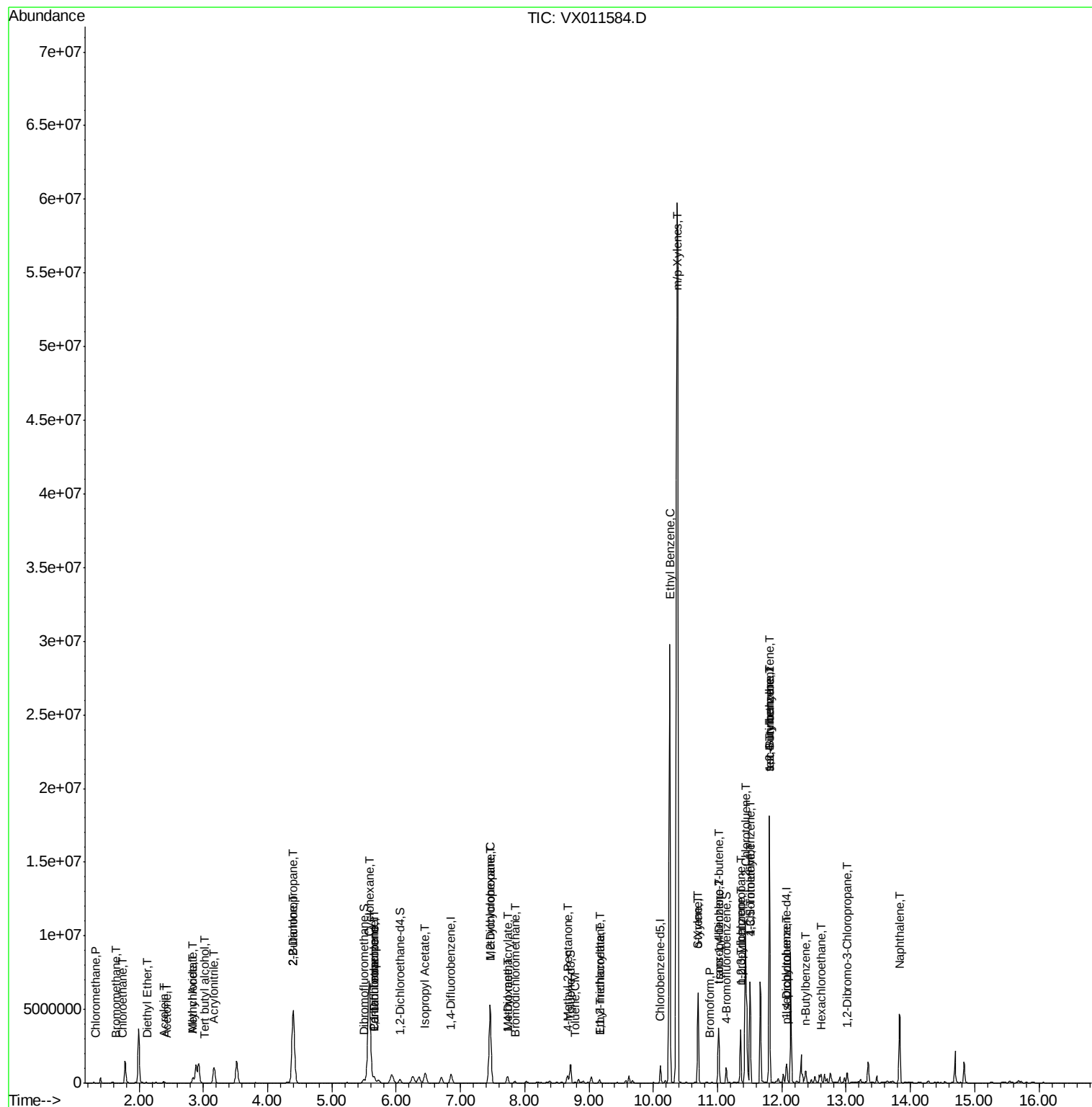
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	2932310	210.580	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.02	75	23638	16.519	ug/l #	67
82) 4-Chlorotoluene	11.51	91	306550	24.074	ug/l #	42
83) tert-Butylbenzene	11.80	119	1076588	75.911	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.80	105	7992328	571.716	ug/l	97
85) sec-Butylbenzene	11.80	105	7992328	499.492	ug/l #	54
86) p-Isopropyltoluene	12.06	119	138271	9.186	ug/l	97
89) n-Butylbenzene	12.38	91	118268	9.556	ug/l #	22
90) Hexachloroethane	12.61	117	19856	8.353	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2198	1.685	ug/l #	1
95) Naphthalene	13.83	128	3035148	169.328	ug/l	99

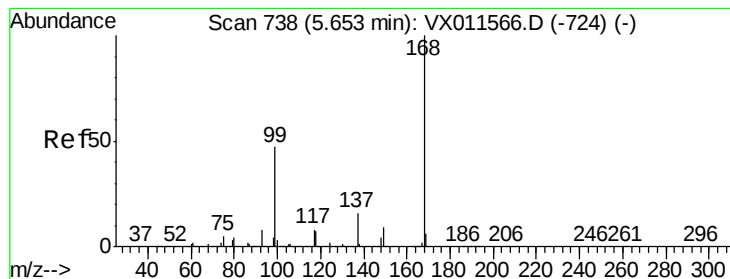
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

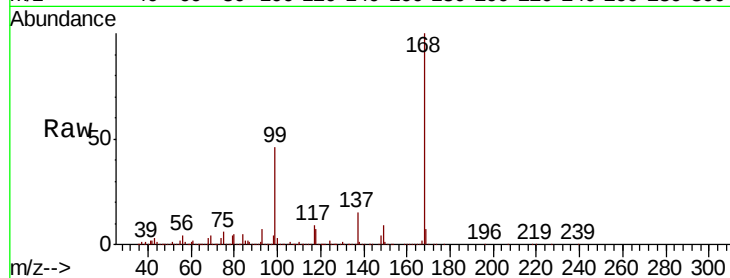
PH2-0141

Tgt Ion:168 Resp: 459918

Ion Ratio Lower Upper

168 100

99 46.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

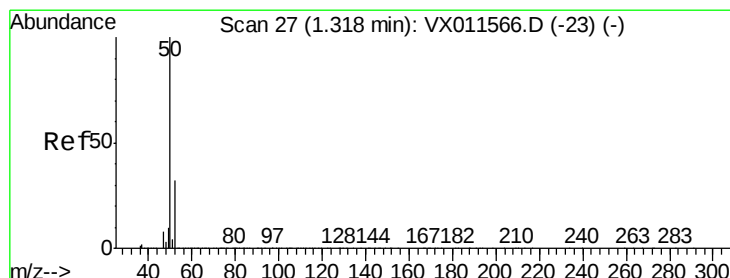
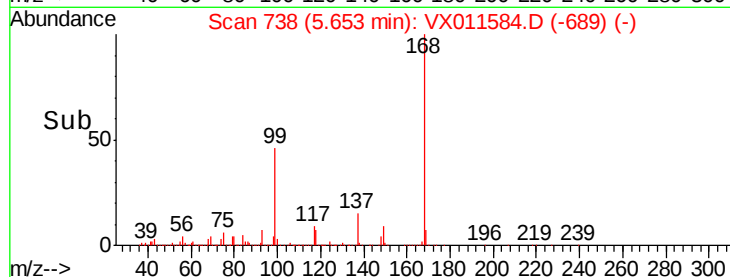
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.290 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX011584.D

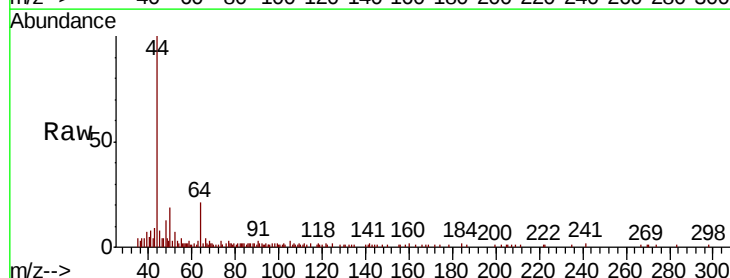
Acq: 16 Aug 2019 16:24

Tgt Ion: 50 Resp: 1360

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

2500

2000

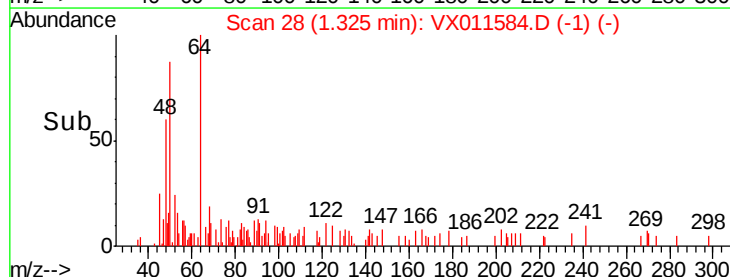
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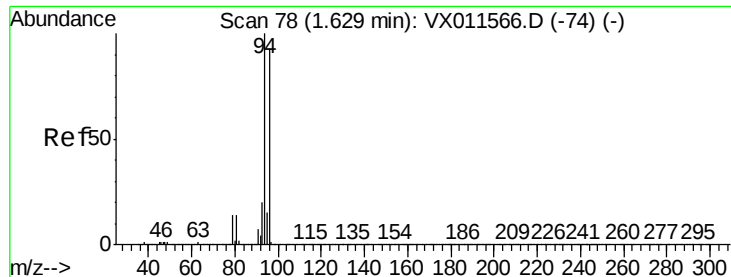
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.250 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Instrument :

MSVOA_X

ClientSampled :

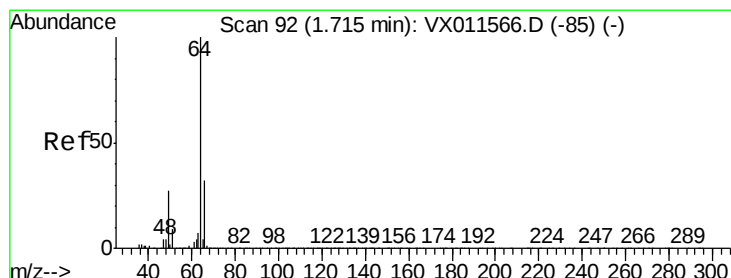
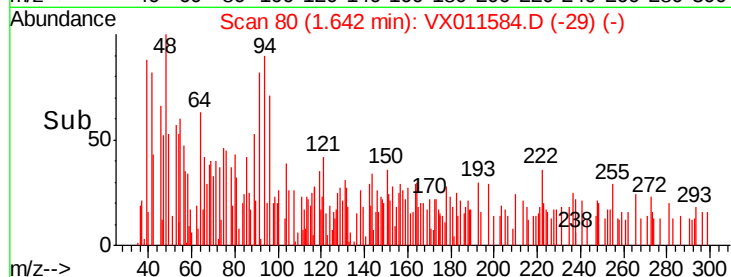
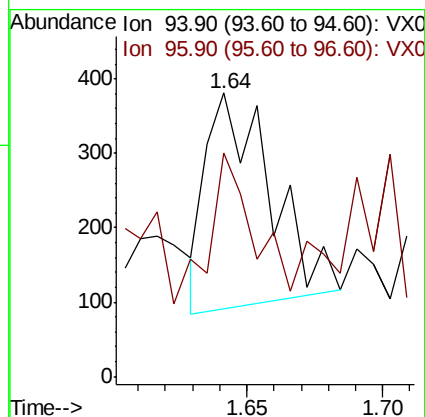
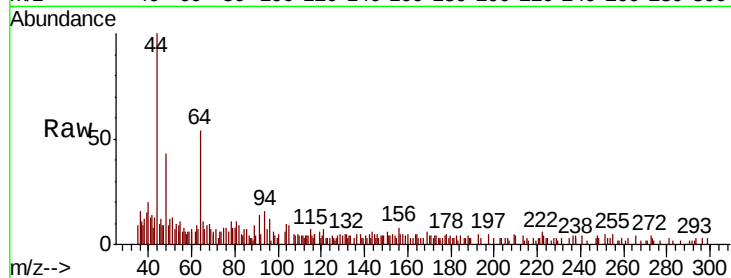
PH2-0141

Tgt Ion: 94 Resp: 475

Ion Ratio Lower Upper

94 100

96 54.2 74.8 112.2#



#6

Chloroethane

Concen: 0.229 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX011584.D

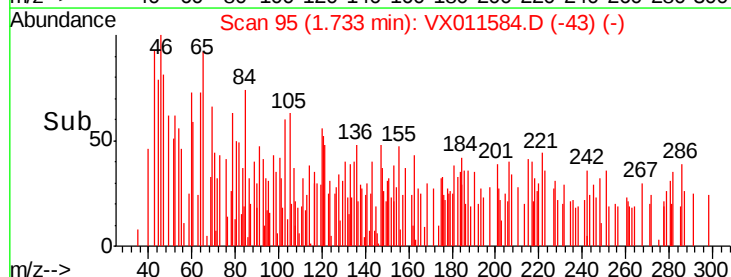
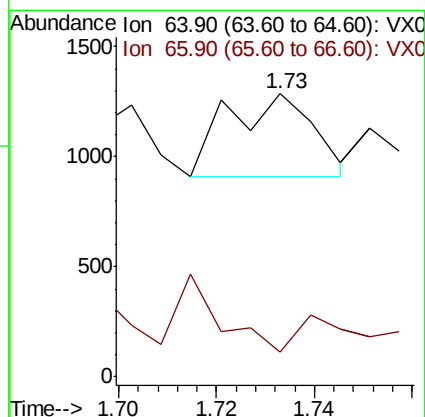
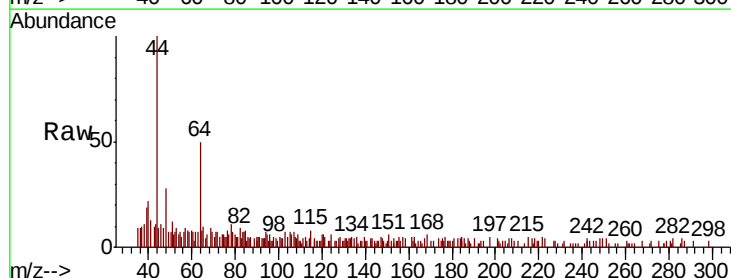
Acq: 16 Aug 2019 16:24

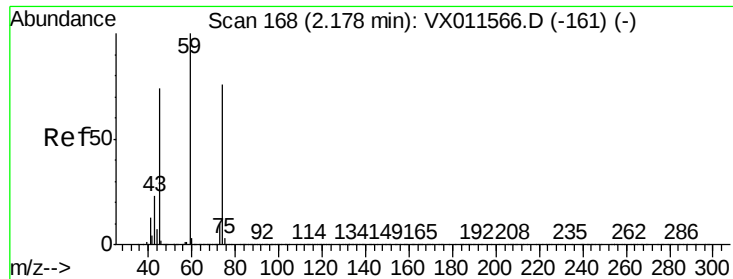
Tgt Ion: 64 Resp: 459

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#

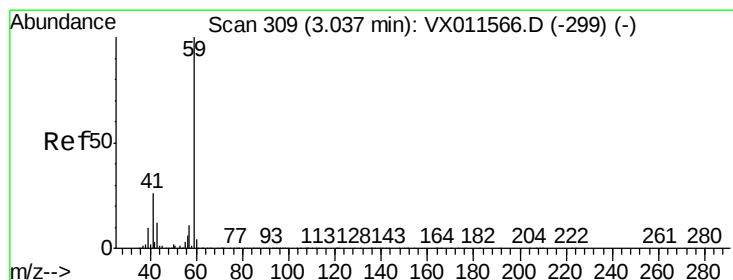
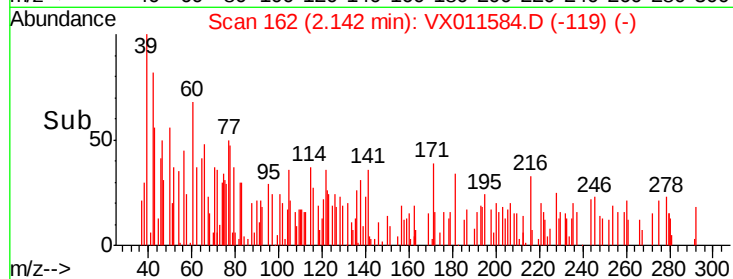
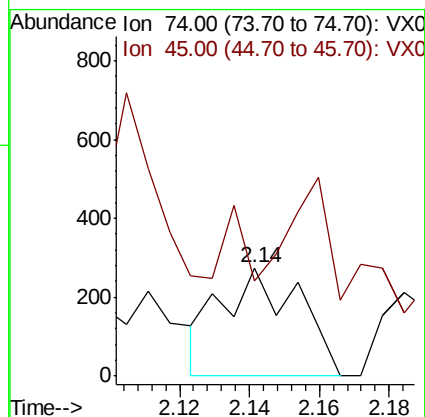
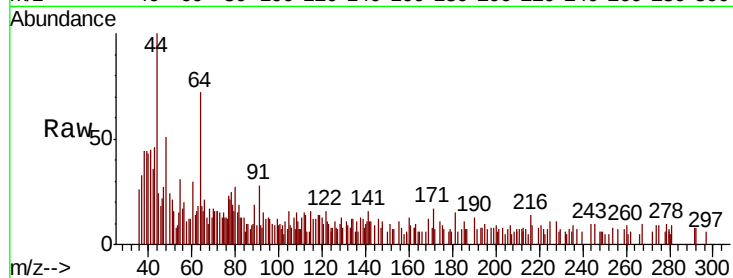




#8
Diethyl Ether
Concen: 0.208 ug/l
RT: 2.14 min Scan# 162
Delta R.T. -0.04 min
Lab File: VX011584.D
Acq: 16 Aug 2019 16:24

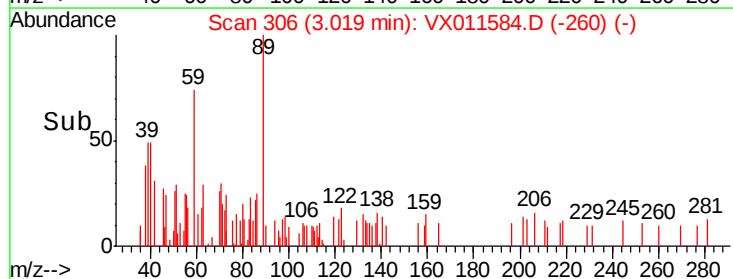
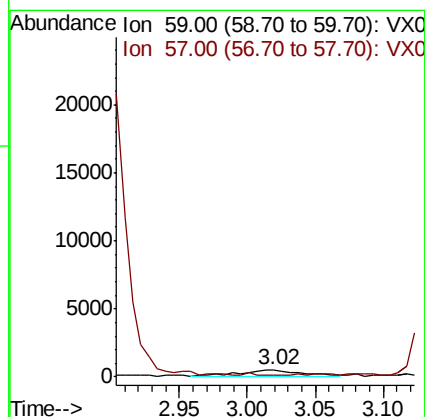
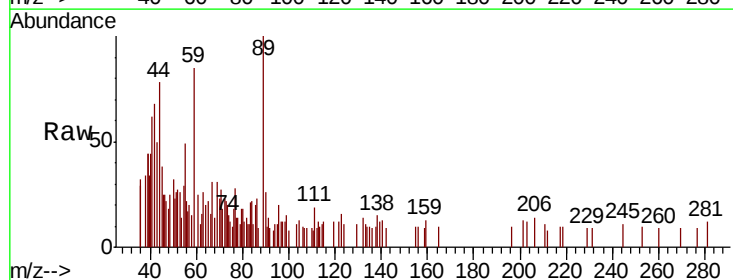
Instrument :
MSVOA_X
ClientSampled :
PH2-0141

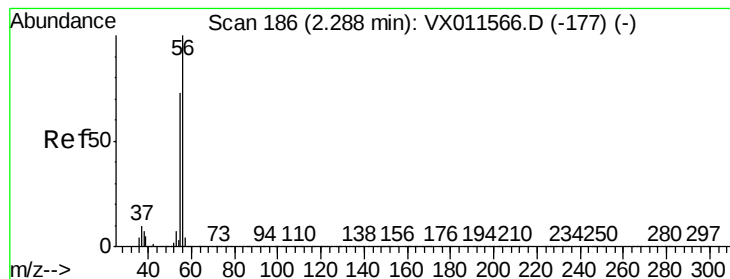
Tgt Ion: 74 Resp: 420
Ion Ratio Lower Upper
74 100
45 56.2 48.2 144.6



#11
Tert butyl alcohol
Concen: 1.682 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.02 min
Lab File: VX011584.D
Acq: 16 Aug 2019 16:24

Tgt Ion: 59 Resp: 1760
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#13

Acrolein

Concen: 49.267 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.10 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

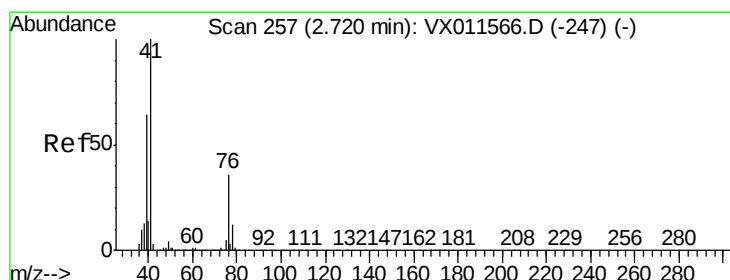
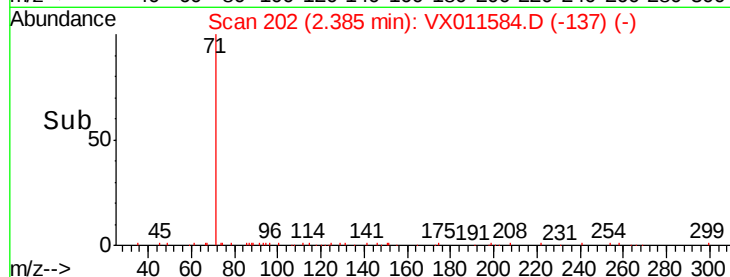
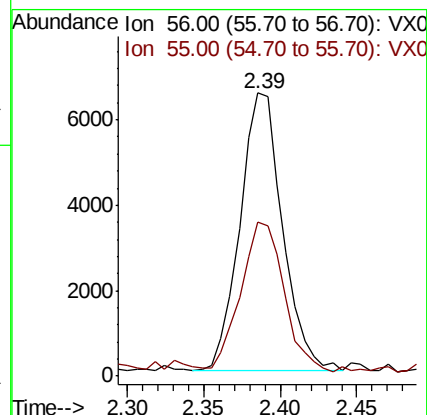
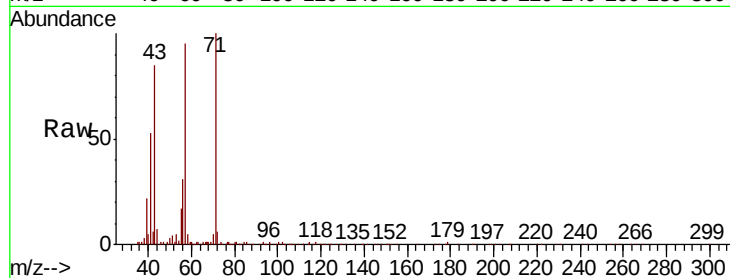
PH2-0141

Tgt Ion: 56 Resp: 12551

Ion Ratio Lower Upper

56 100

55 54.4 55.5 83.3#



#14

Allyl chloride

Concen: 14.084 ug/l

RT: 2.84 min Scan# 276

Delta R.T. 0.12 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

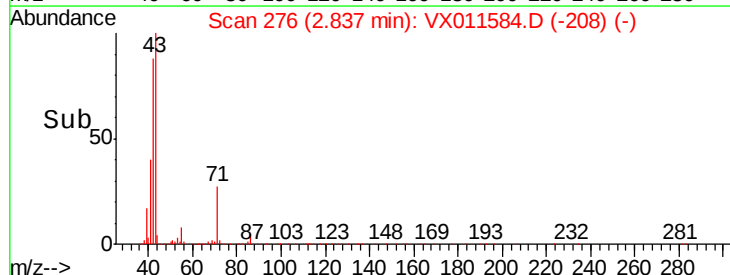
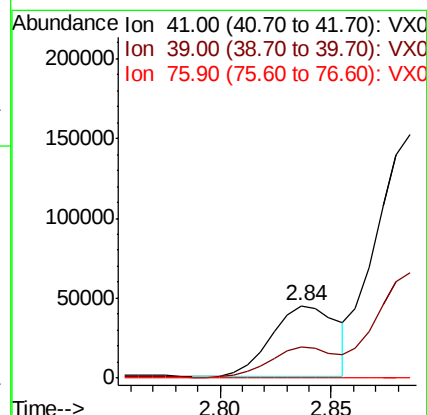
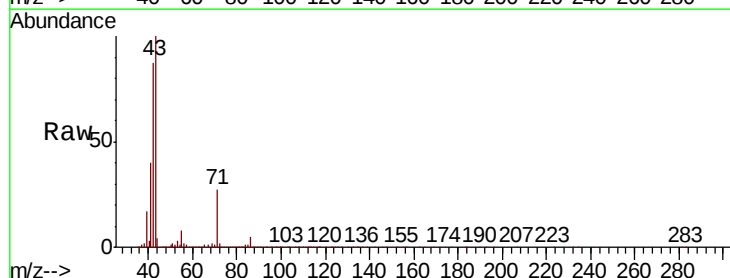
Tgt Ion: 41 Resp: 91878

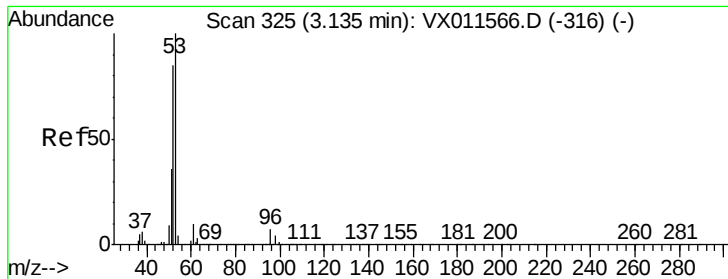
Ion Ratio Lower Upper

41 100

39 42.6 47.5 71.3#

76 0.2 26.3 39.5#





#15

Acrylonitrile

Concen: 9.808 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.03 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

PH2-0141

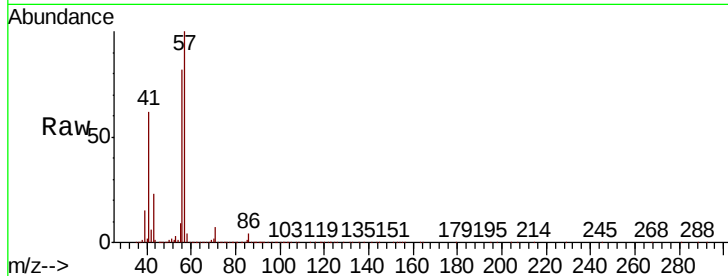
Tgt Ion: 53 Resp: 23489

Ion Ratio Lower Upper

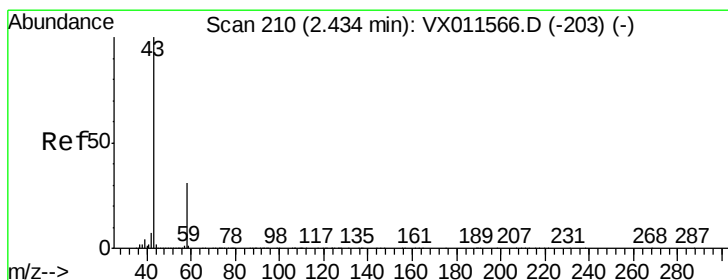
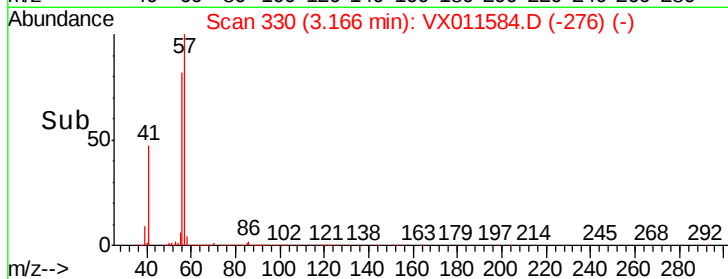
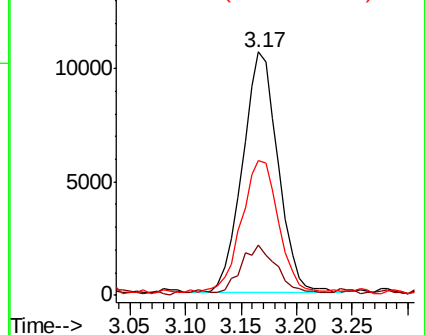
53 100

52 19.3 66.7 100.1#

51 56.3 28.7 43.1#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 2.057 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011584.D

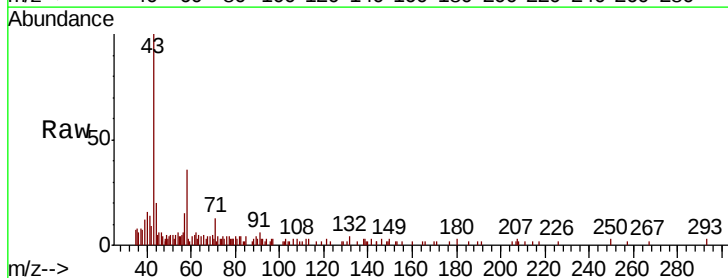
Acq: 16 Aug 2019 16:24

Tgt Ion: 43 Resp: 4411

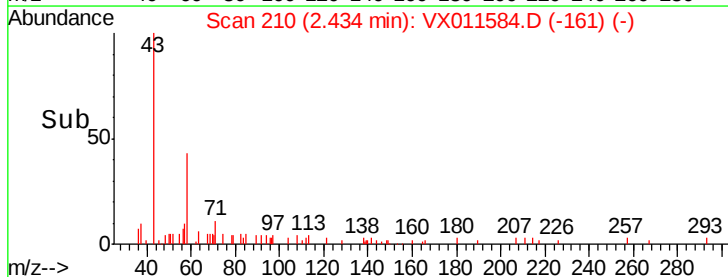
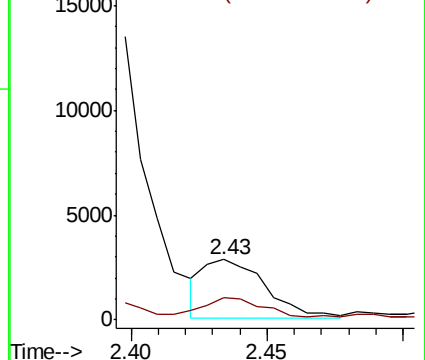
Ion Ratio Lower Upper

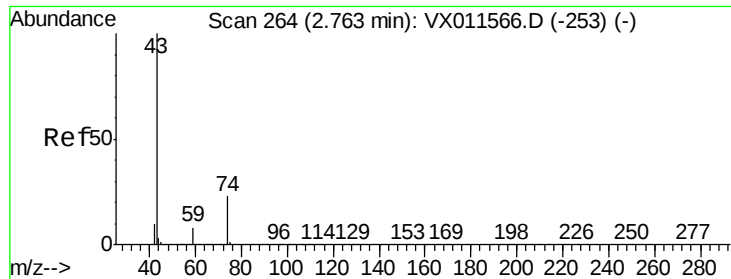
43 100

58 32.6 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

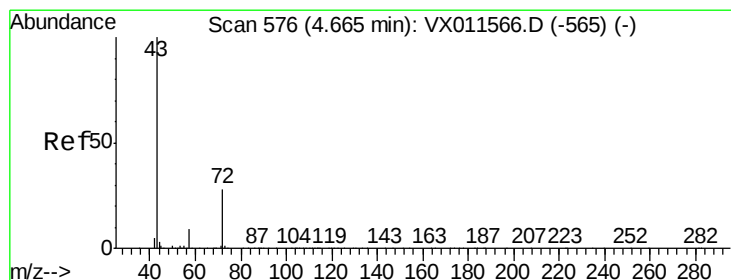
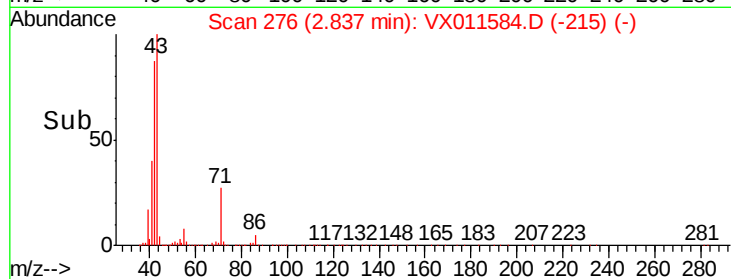
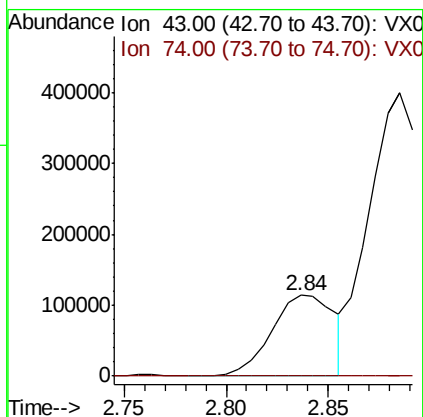
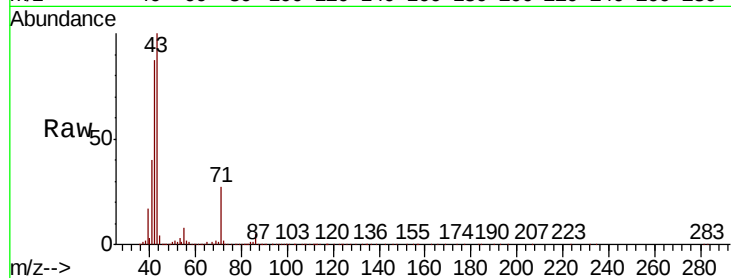




#18
Methyl Acetate
Concen: 36.454 ug/l
RT: 2.84 min Scan# 276
Delta R.T. 0.07 min
Lab File: VX011584.D
Acq: 16 Aug 2019 16:24

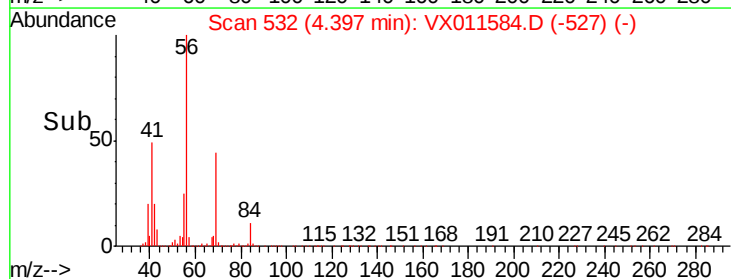
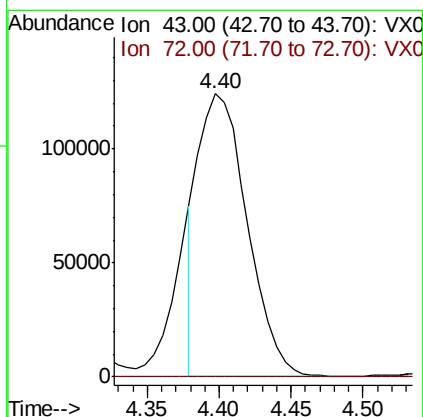
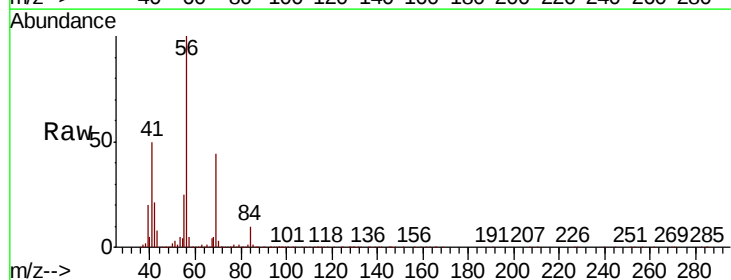
Instrument :
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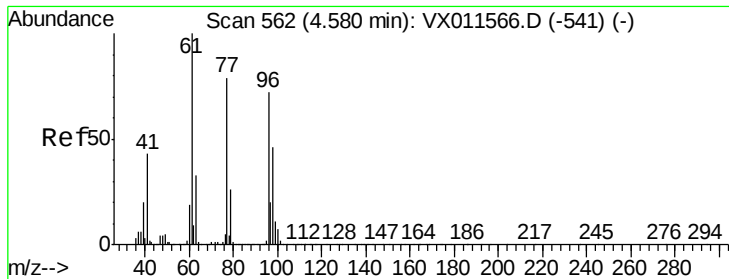
Tgt Ion: 43 Resp: 242462
Ion Ratio Lower Upper
43 100
74 0.0 19.7 29.5#



#25
2-Butanone
Concen: 86.629 ug/l
RT: 4.40 min Scan# 532
Delta R.T. -0.27 min
Lab File: VX011584.D
Acq: 16 Aug 2019 16:24

Tgt Ion: 43 Resp: 291666
Ion Ratio Lower Upper
43 100
72 0.1 22.2 33.4#

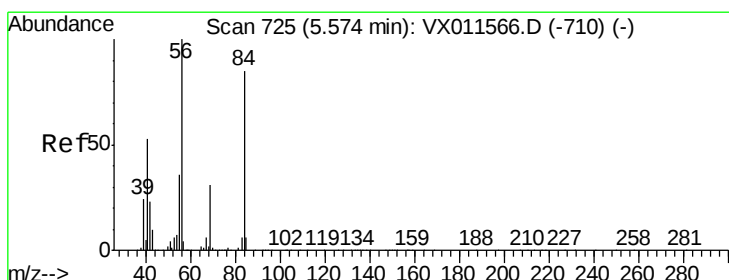
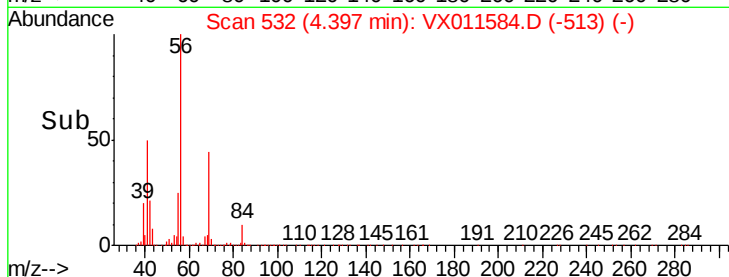
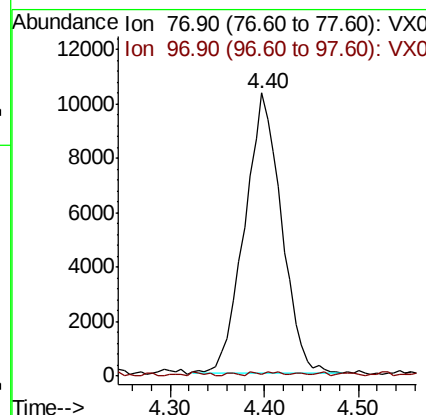
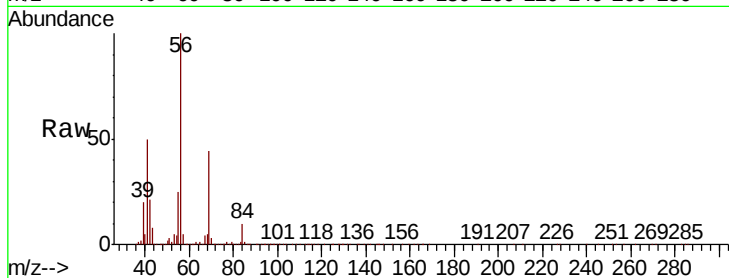




#26
 2,2-Dichloropropane
 Concen: 5.101 ug/l
 RT: 4.40 min Scan# 532
 Delta R.T. -0.18 min
 Lab File: VX011584.D
 Acq: 16 Aug 2019 16:24

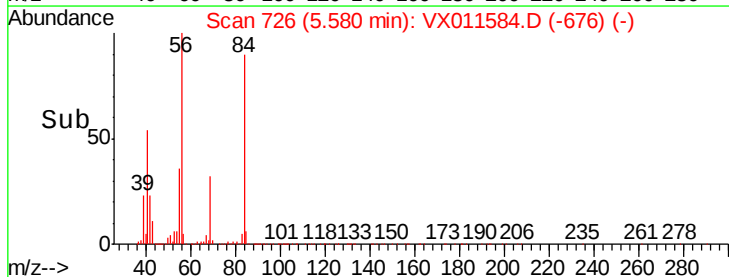
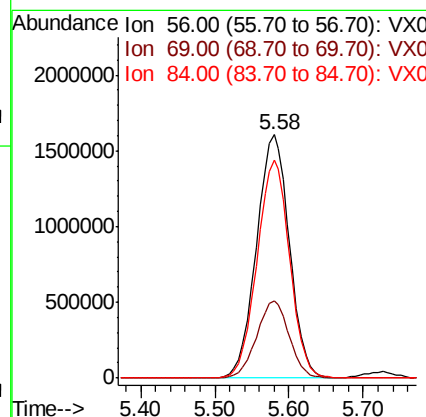
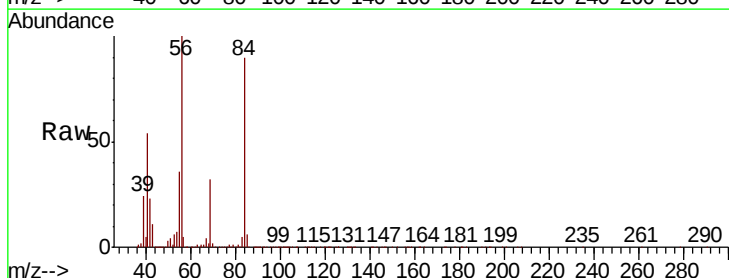
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0141

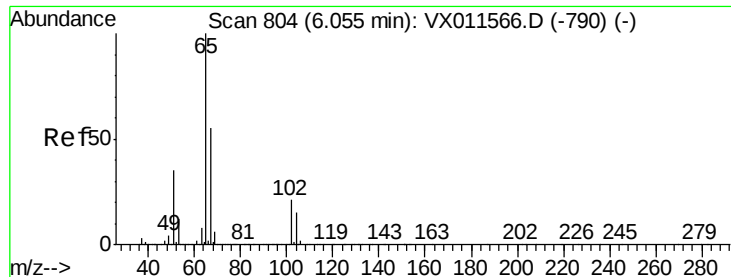
Tgt Ion: 77 Resp: 28202
 Ion Ratio Lower Upper
 77 100
 97 0.7 12.4 37.2#



#31
 Cyclohexane
 Concen: 785.371 ug/l
 RT: 5.58 min Scan# 726
 Delta R.T. 0.01 min
 Lab File: VX011584.D
 Acq: 16 Aug 2019 16:24

Tgt Ion: 56 Resp: 4966757
 Ion Ratio Lower Upper
 56 100
 69 31.6 24.8 37.2
 84 89.5 67.9 101.9





#33

1,2-Dichloroethane-d4

Concen: 49.937 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

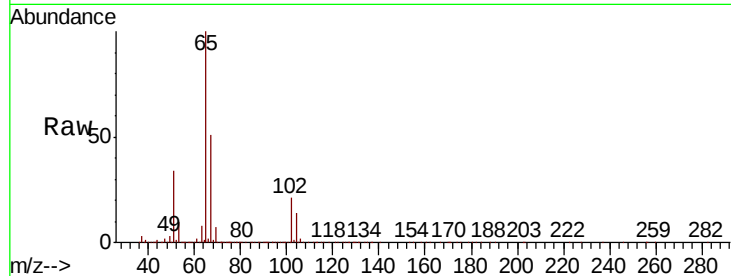
PH2-0141

Tgt Ion: 65 Resp: 212985

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

60000

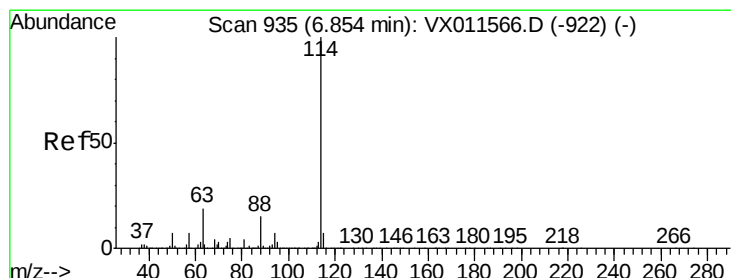
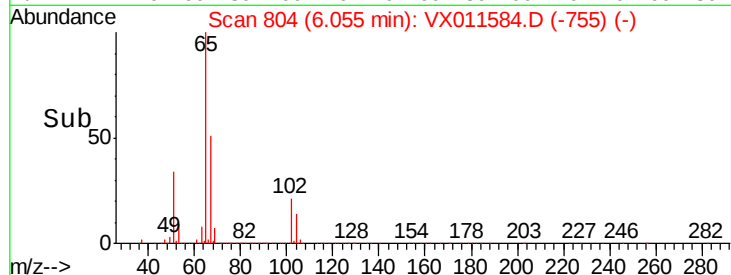
40000

20000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

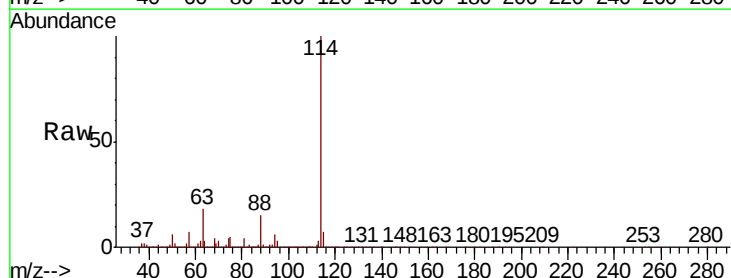
Tgt Ion: 114 Resp: 636829

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.8

88 15.1 0.0 30.2



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

6.85

300000

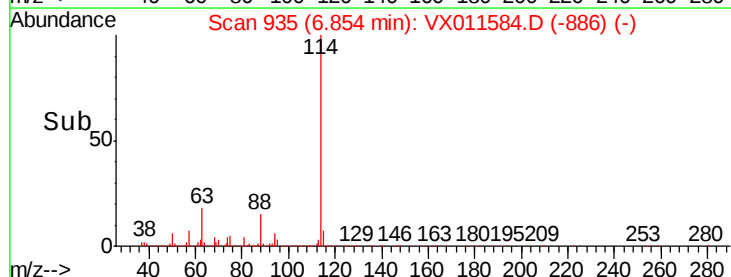
200000

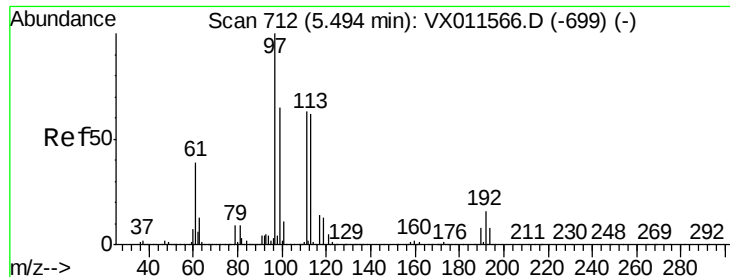
100000

0

6.70 6.80 6.90 7.00

Time-->

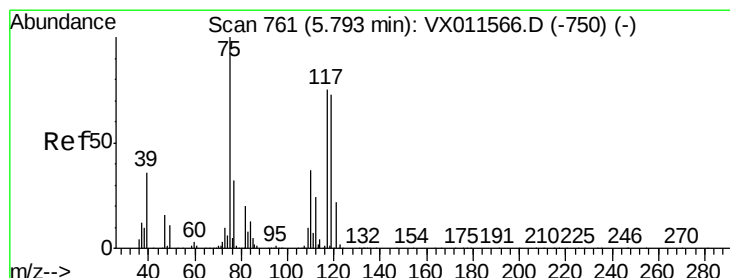
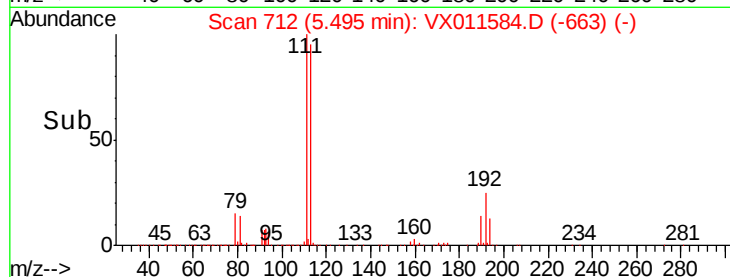
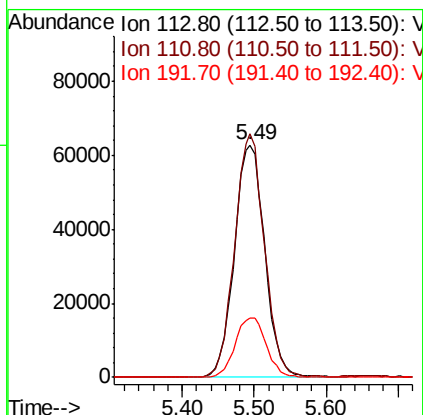
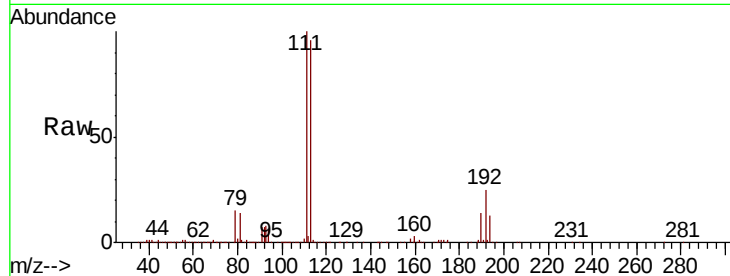




#35
 Dibromofluoromethane
 Concen: 44.001 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011584.D
 Acq: 16 Aug 2019 16:24

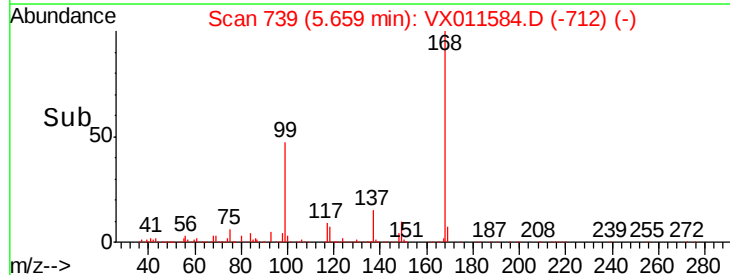
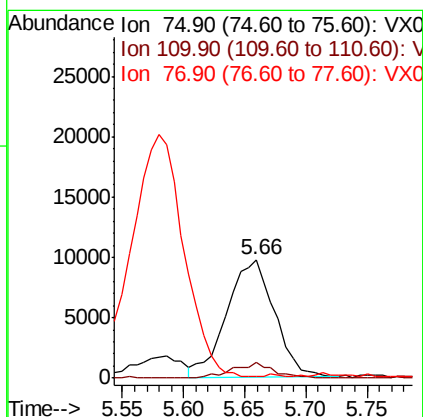
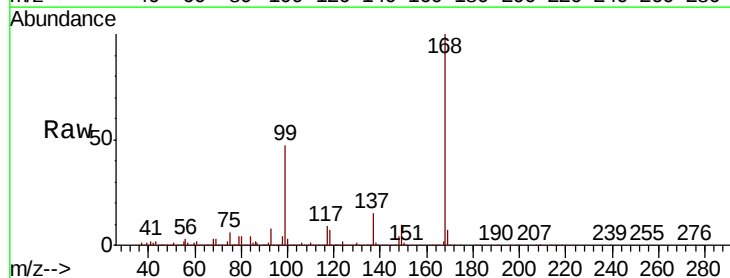
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0141

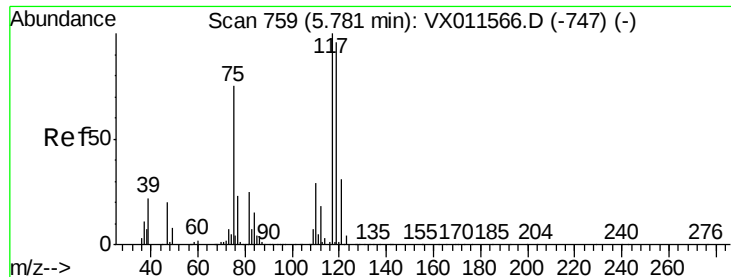
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	26.4	20.8	31.2



#36
 1,1-Dichloropropene
 Concen: 4.805 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX011584.D
 Acq: 16 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.7	19.4	58.1#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 6.543 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

PH2-0141

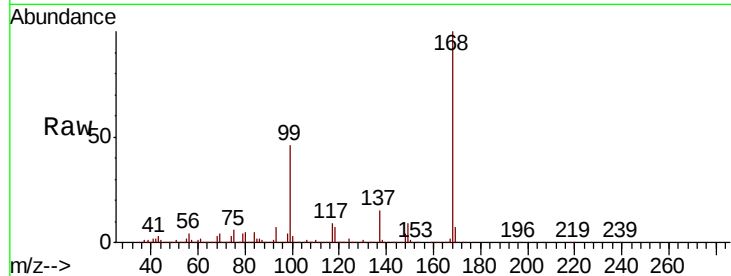
Tgt Ion:117 Resp: 39247

Ion Ratio Lower Upper

117 100

119 4.8 76.9 115.3#

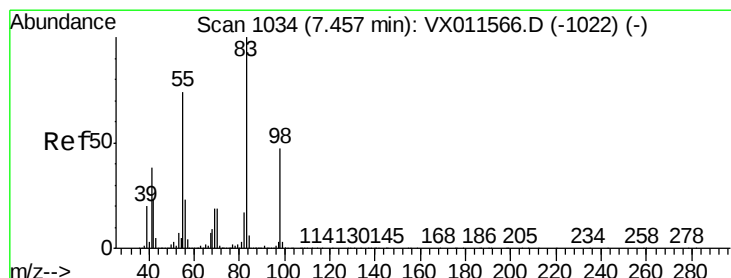
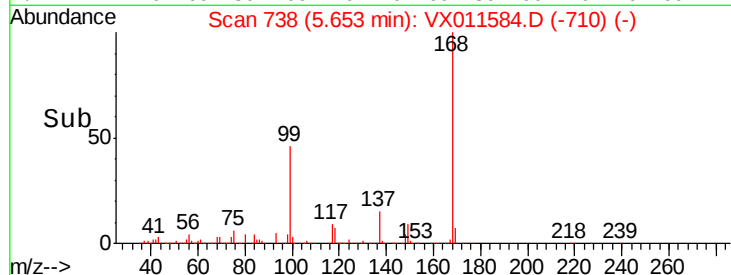
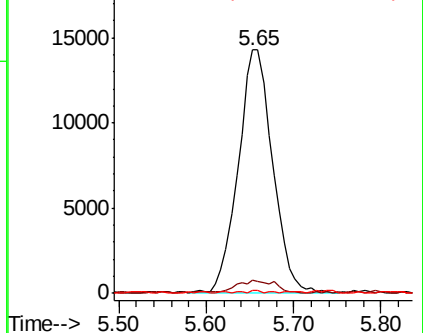
121 1.0 24.8 37.2#



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: 375.306 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

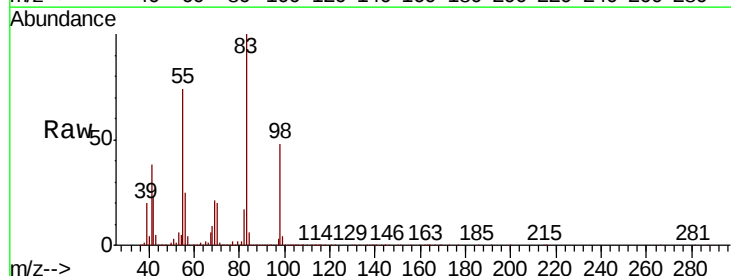
Tgt Ion: 83 Resp: 2523539

Ion Ratio Lower Upper

83 100

55 73.9 58.8 88.2

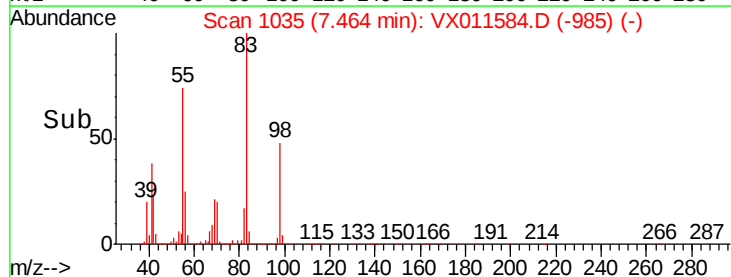
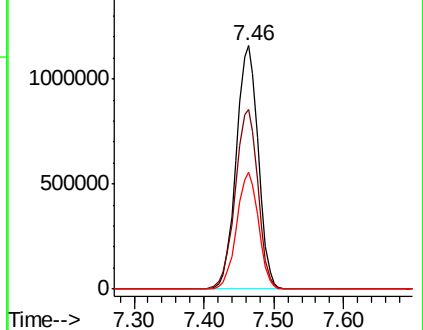
98 47.9 37.8 56.6

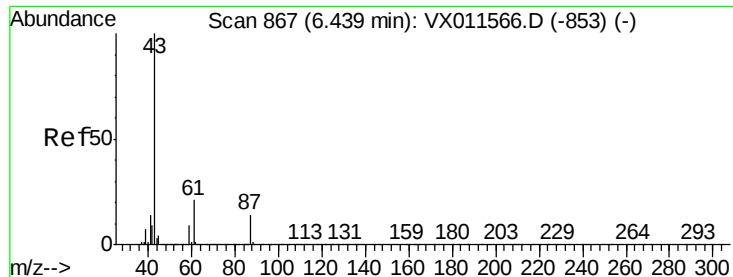


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 3.119 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

PH2-0141

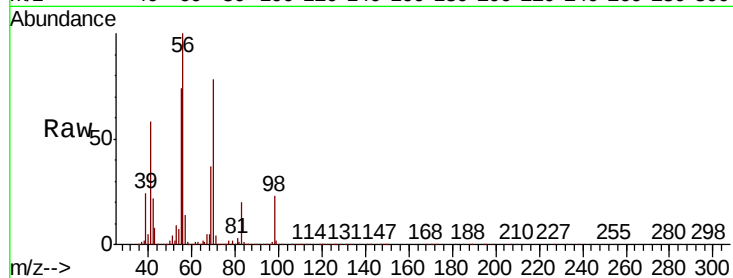
Tgt Ion: 43 Resp: 30488

Ion Ratio Lower Upper

43 100

61 0.0 16.6 24.8#

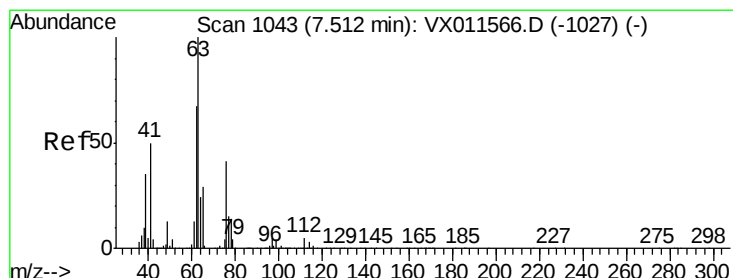
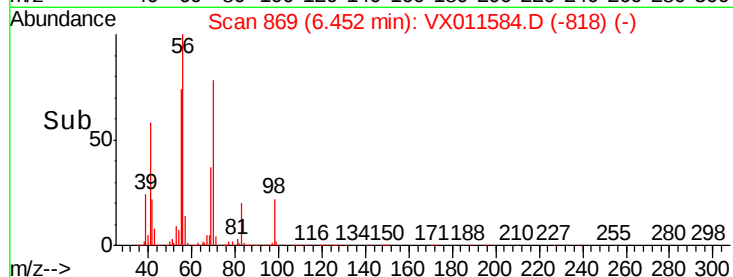
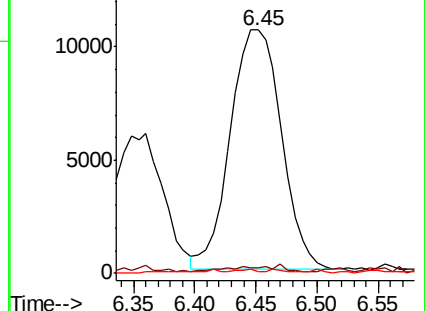
87 0.4 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 4.836 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.05 min

Lab File: VX011584.D

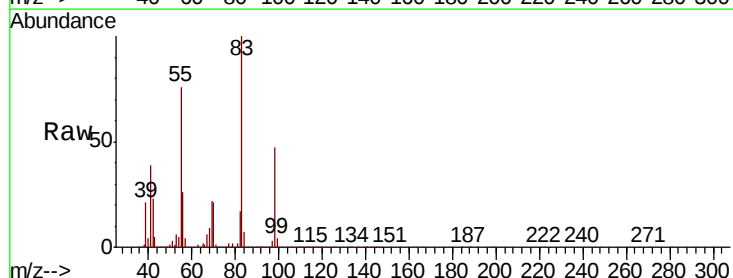
Acq: 16 Aug 2019 16:24

Tgt Ion: 63 Resp: 20407

Ion Ratio Lower Upper

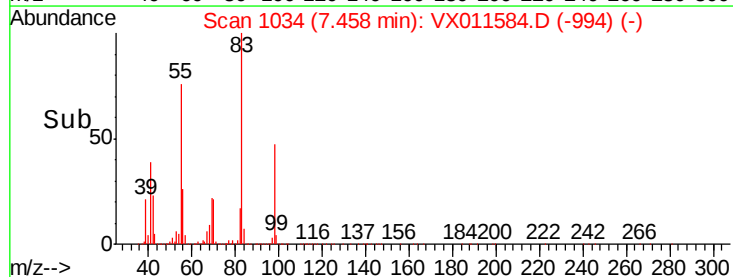
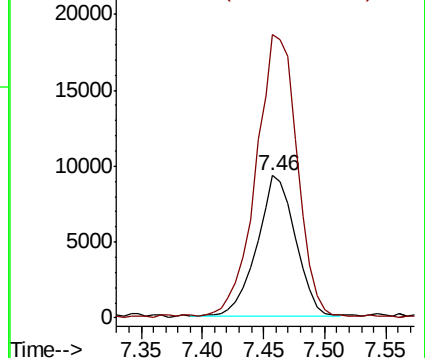
63 100

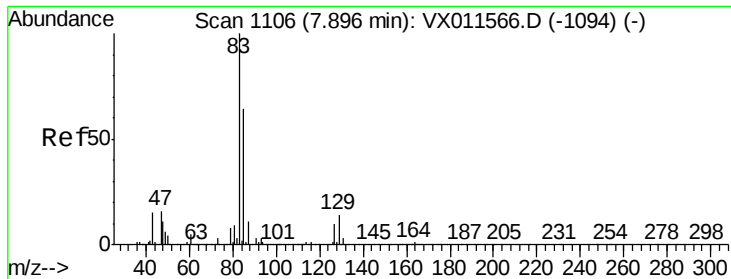
65 199.4 23.4 35.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 0.480 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

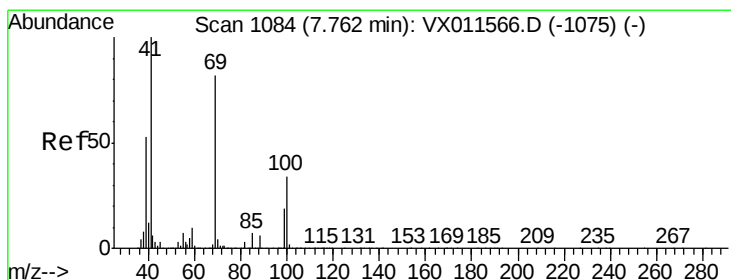
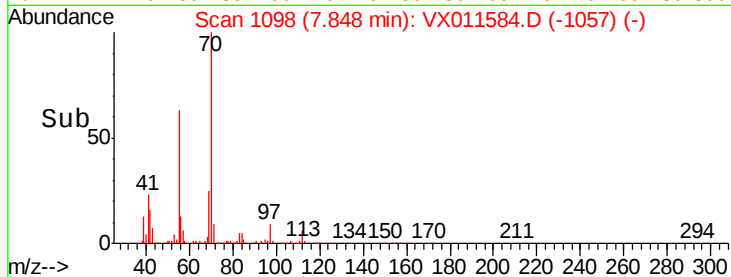
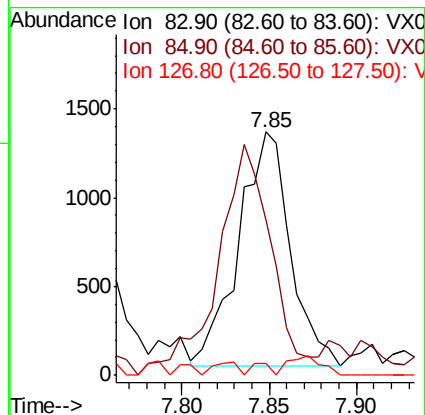
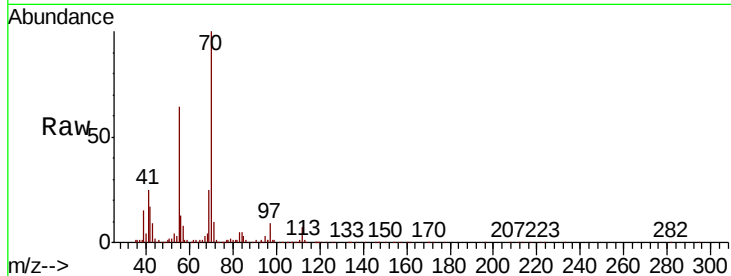
Instrument :

MSVOA_X

ClientSampleId :

PH2-0141

Tgt Ion:	83	Resp:	2705
Ion	Ratio	Lower	Upper
83	100		
85	53.9	51.2	76.8
127	5.2	8.1	12.1#



#48

Methyl methacrylate

Concen: 20.715 ug/l

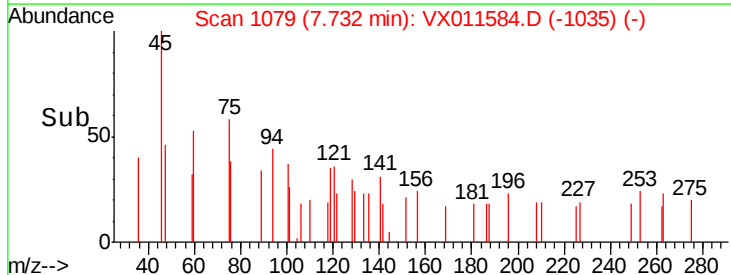
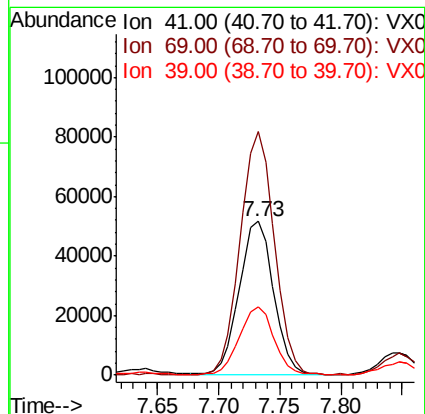
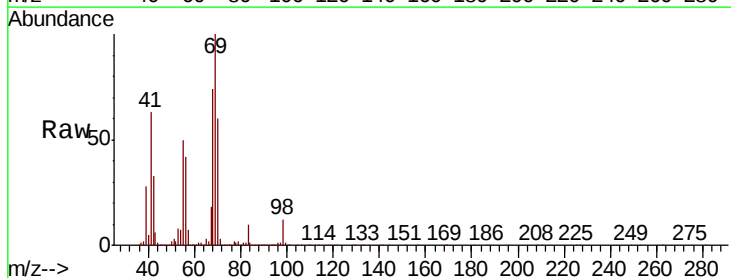
RT: 7.73 min Scan# 1079

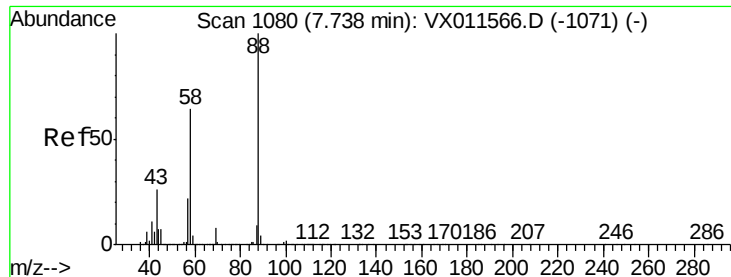
Delta R.T. -0.03 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Tgt Ion:	41	Resp:	100261
Ion	Ratio	Lower	Upper
41	100		
69	157.9	67.9	101.9#
39	43.8	41.6	62.4

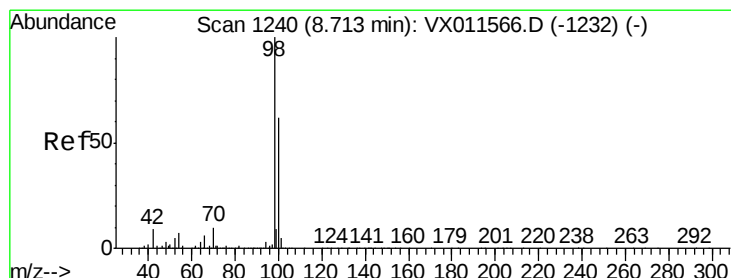
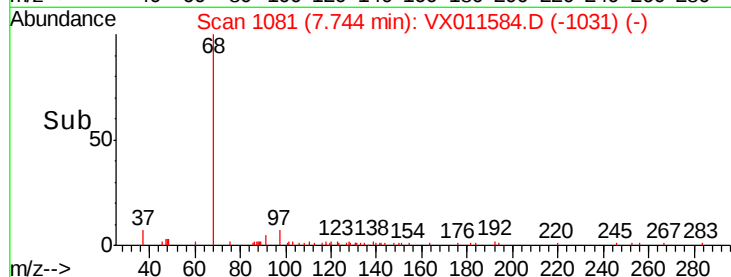
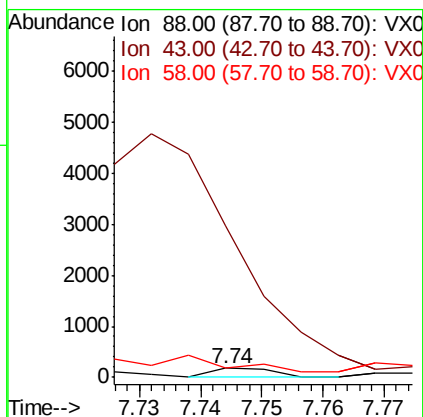
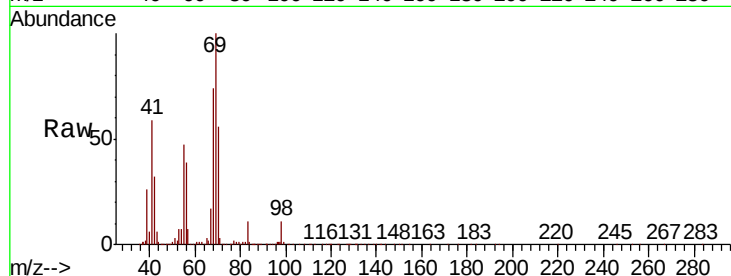




#49
1,4-Dioxane
Concen: 0.963 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX011584.D
Acq: 16 Aug 2019 16:24

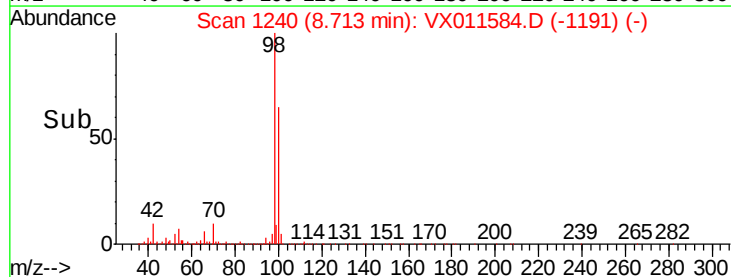
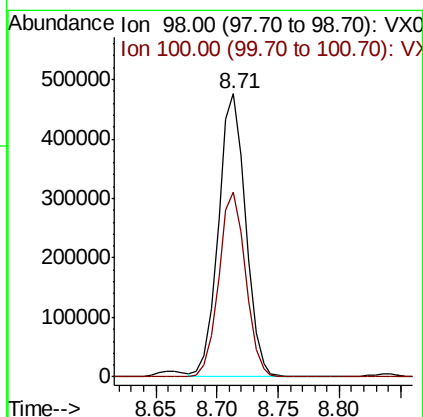
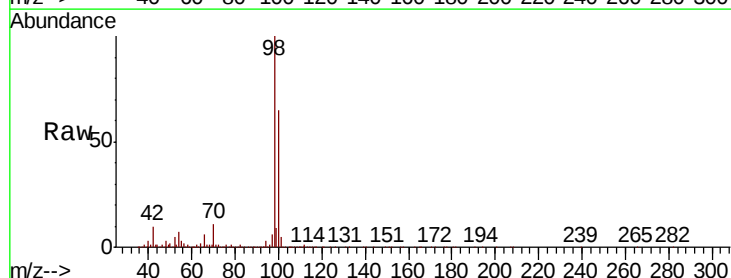
Instrument :
MSVOA_X
ClientSampleId :
PH2-0141

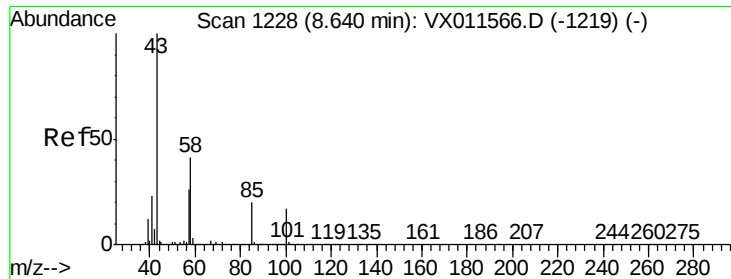
Tgt Ion: 88 Resp: 124
Ion Ratio Lower Upper
88 100
43 7537.9 23.4 35.0#
58 238.7 54.3 81.5#



#50
Toluene-d8
Concen: 56.592 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011584.D
Acq: 16 Aug 2019 16:24

Tgt Ion: 98 Resp: 734471
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 2.374 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

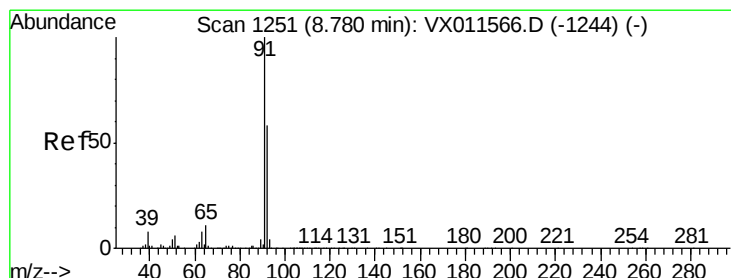
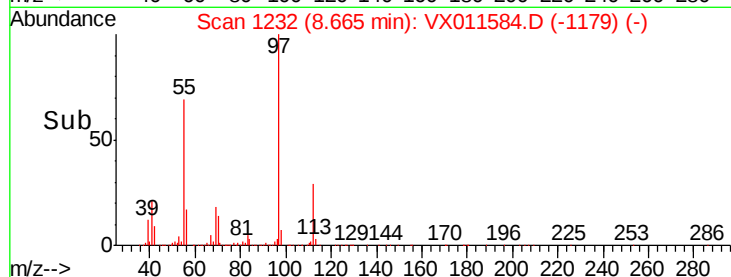
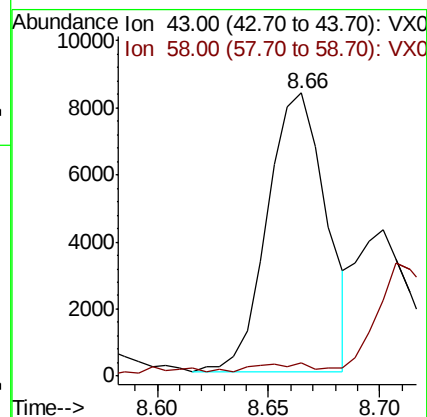
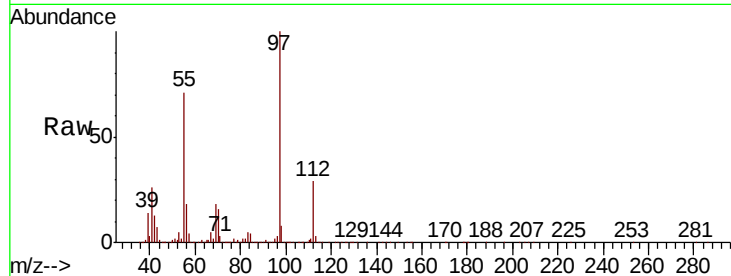
PH2-0141

Tgt Ion: 43 Resp: 15190

Ion Ratio Lower Upper

43 100

58 4.0 31.8 47.6#



#52

Toluene

Concen: 2.751 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011584.D

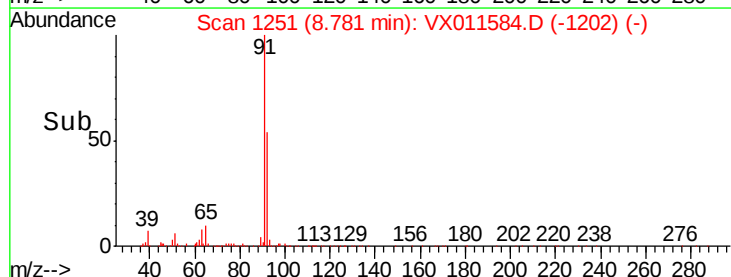
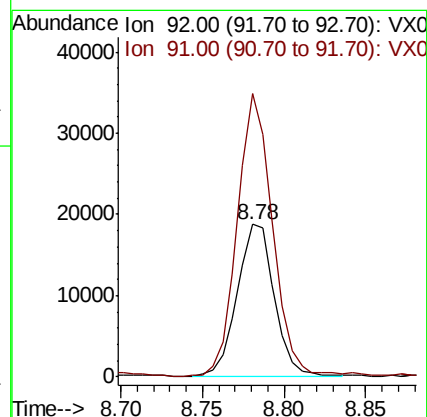
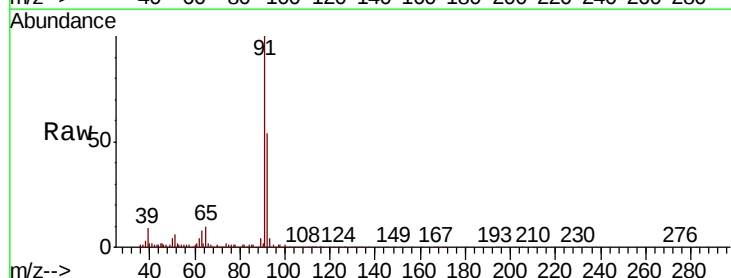
Acq: 16 Aug 2019 16:24

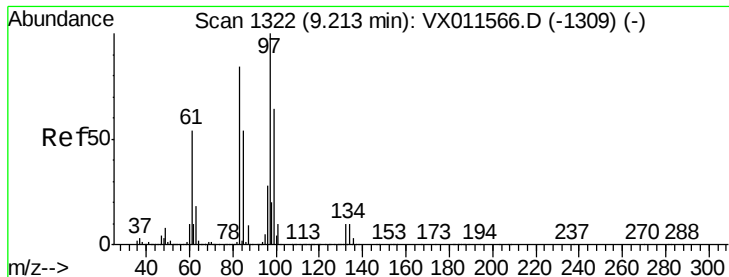
Tgt Ion: 92 Resp: 29659

Ion Ratio Lower Upper

92 100

91 175.2 138.0 207.0

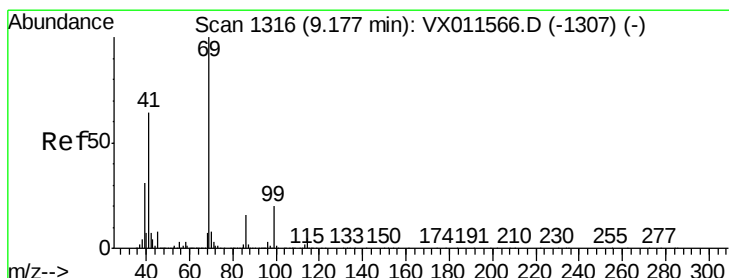
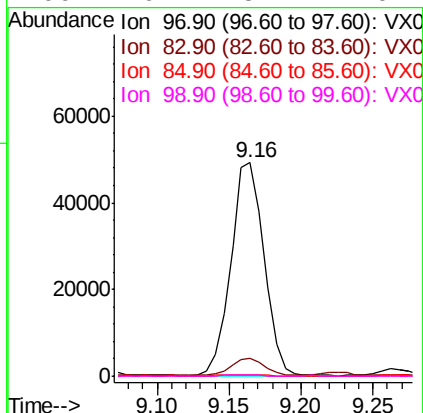
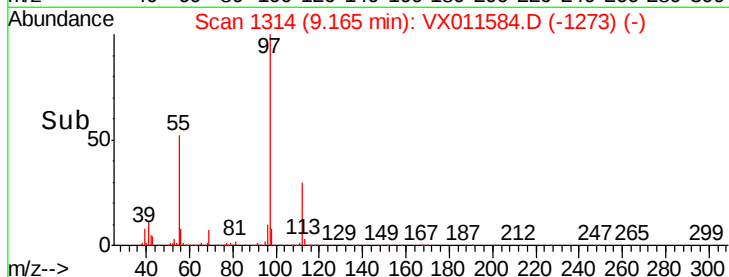
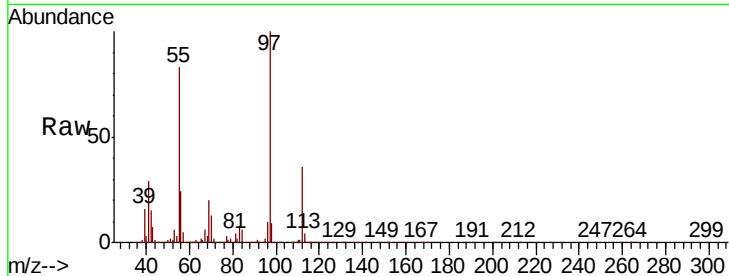




#55
 1,1,2-Trichloroethane
 Concen: 17.187 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX011584.D
 Acq: 16 Aug 2019 16:24

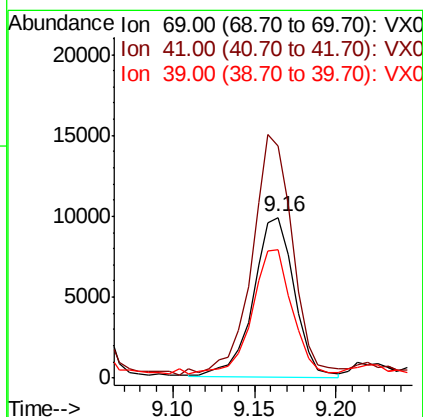
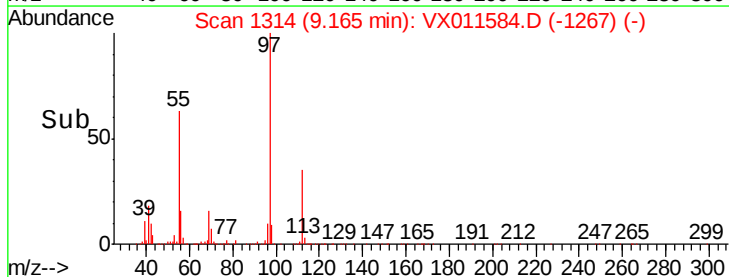
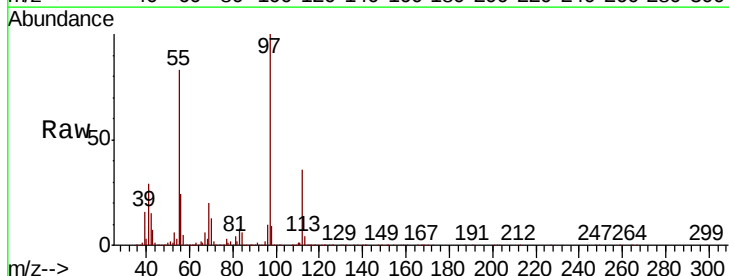
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0141

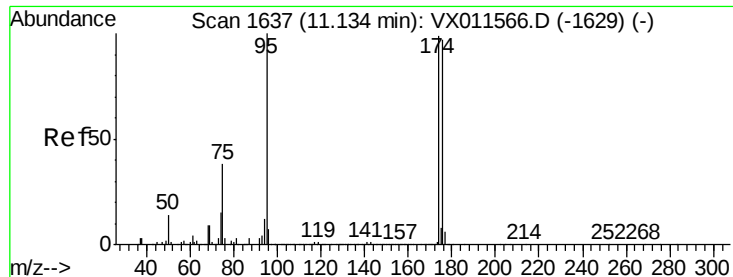
Tgt Ion:	97	Resp:	78787
Ion	Ratio	Lower	Upper
97	100		
83	8.0	67.4	101.0#
85	0.3	43.4	65.2#
99	0.4	51.1	76.7#



#56
 Ethyl methacrylate
 Concen: 2.578 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX011584.D
 Acq: 16 Aug 2019 16:24

Tgt Ion:	69	Resp:	17174
Ion	Ratio	Lower	Upper
69	100		
41	148.1	52.1	78.1#
39	75.0	25.4	38.0#

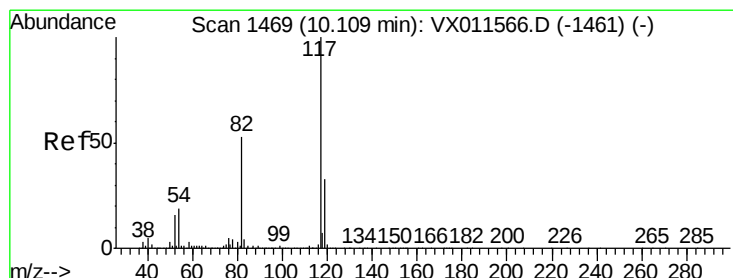
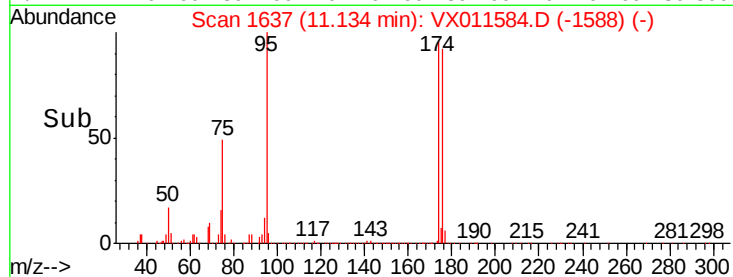
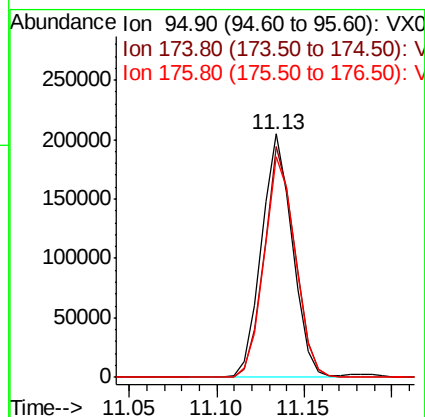
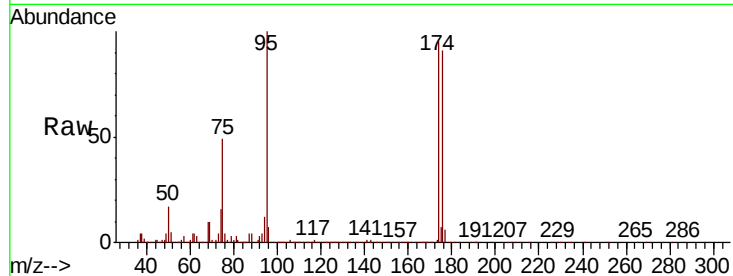




#62
4-Bromofluorobenzene
Concen: 45.841 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011584.D
Acq: 16 Aug 2019 16:24

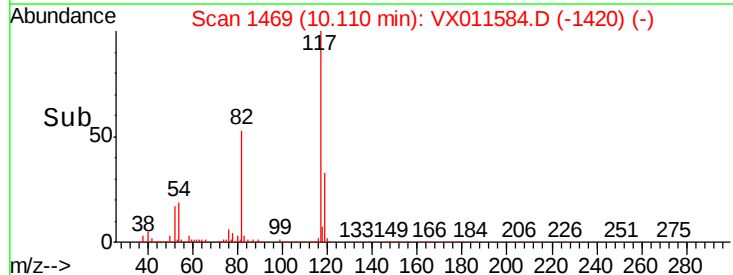
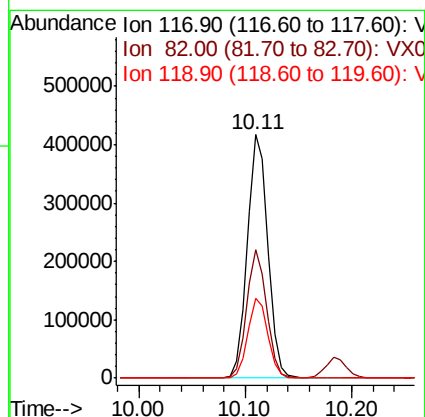
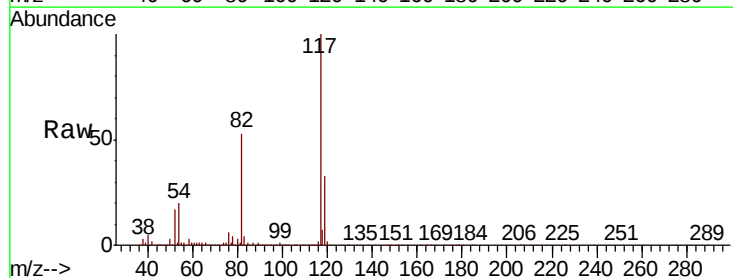
Instrument :
MSVOA_X
ClientSampleId :
PH2-0141

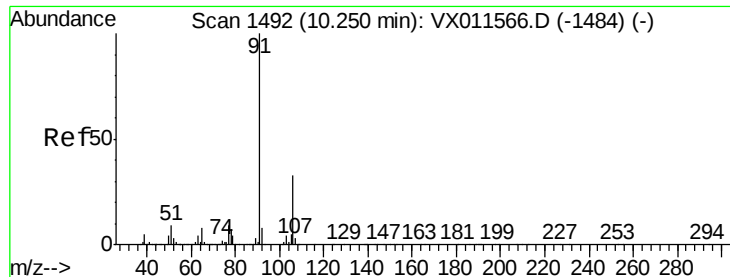
Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	200.6
176	91.5	0.0	196.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011584.D
Acq: 16 Aug 2019 16:24

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.0	63.0
119	32.5	26.5	39.7





#67

Ethyl Benzene

Concen: 745.148 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

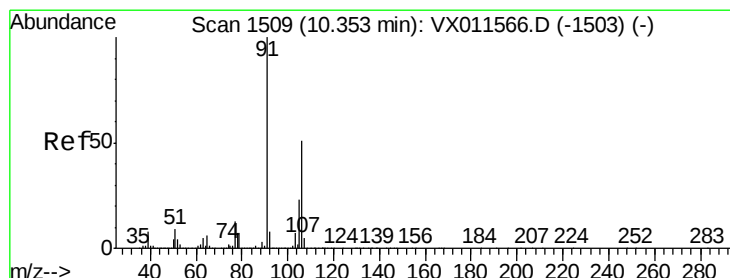
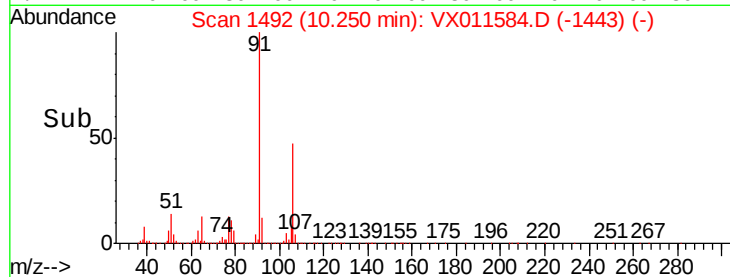
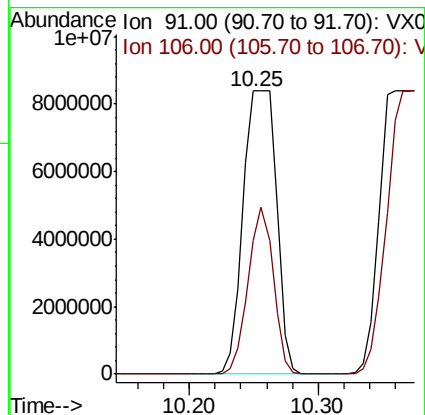
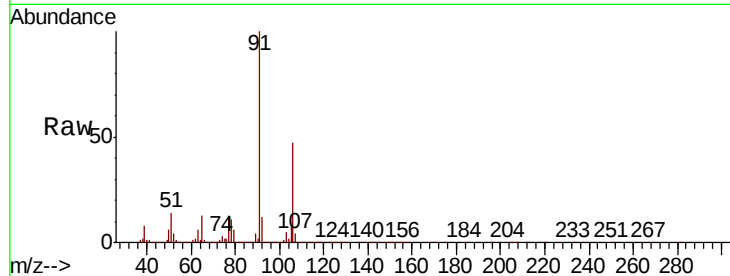
PH2-0141

Tgt Ion: 91 Resp:14971687

Ion Ratio Lower Upper

91 100

106 47.1 26.0 39.0#



#68

m/p-Xylenes

Concen: 2360.131 ug/l

RT: 10.37 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VX011584.D

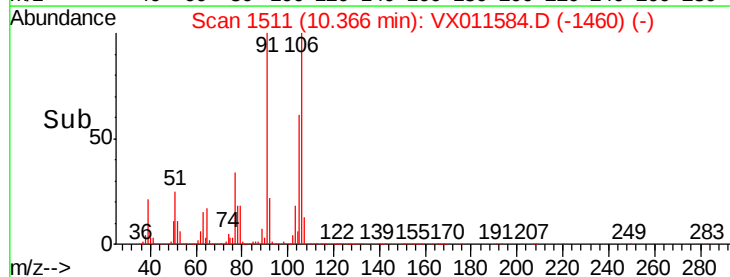
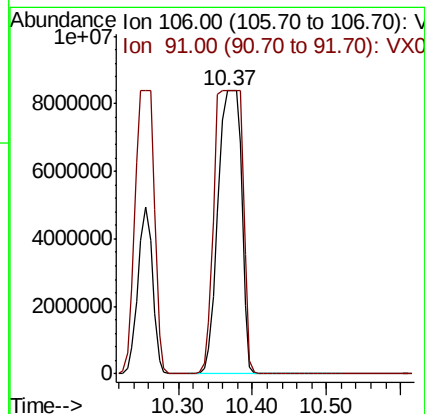
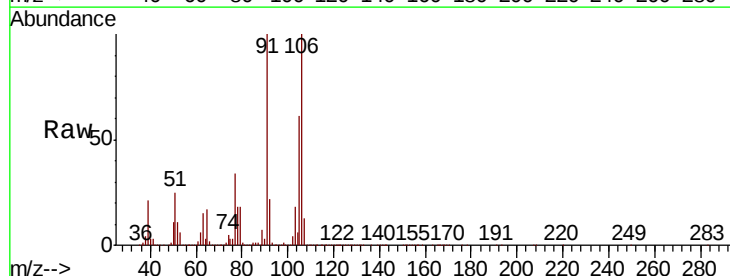
Acq: 16 Aug 2019 16:24

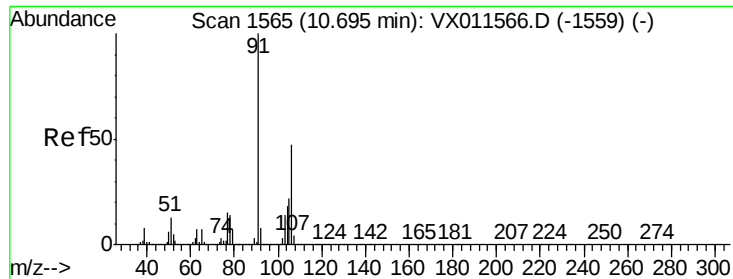
Tgt Ion:106 Resp:18202388

Ion Ratio Lower Upper

106 100

91 0.0 156.0 234.0#

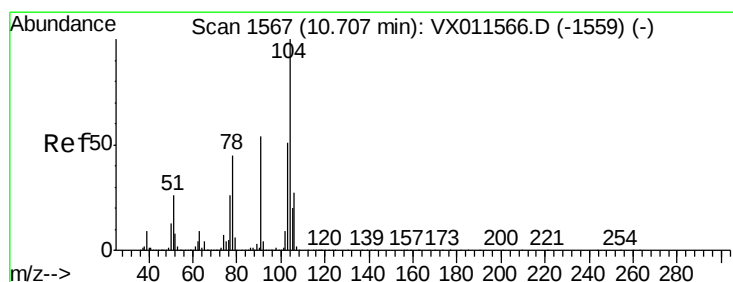
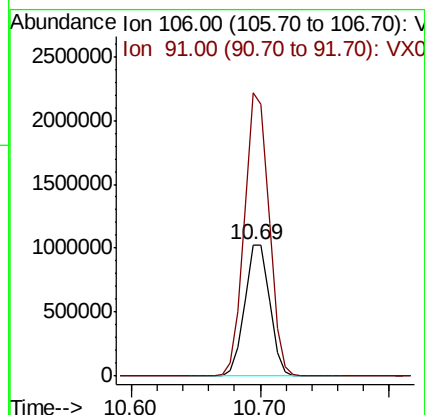
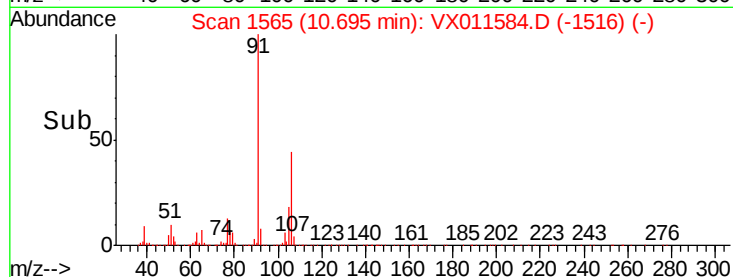
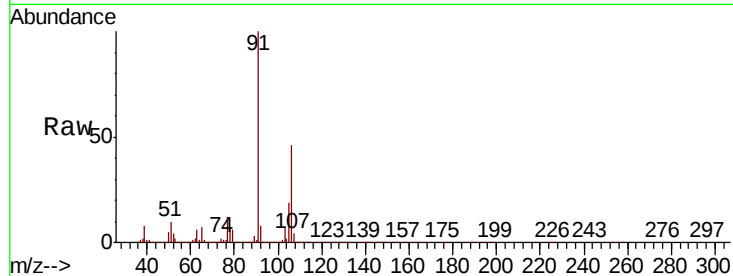




#69
o-Xylene
Concen: 181.160 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011584.D
Acq: 16 Aug 2019 16:24

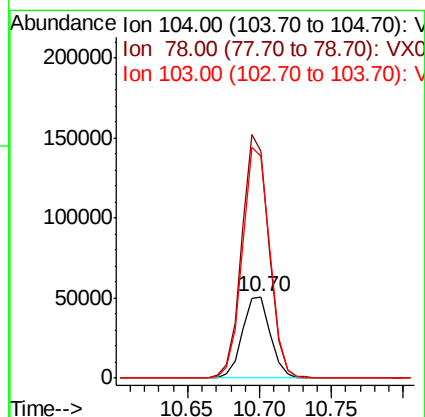
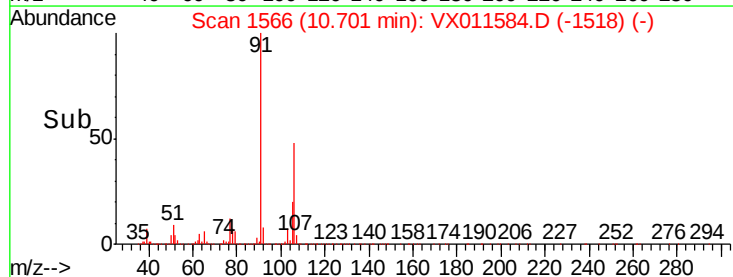
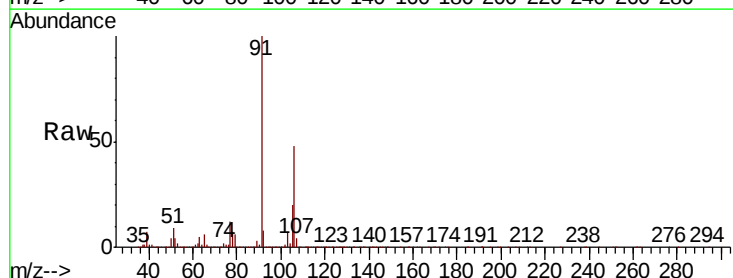
Instrument :
MSVOA_X
ClientSampleId :
PH2-0141

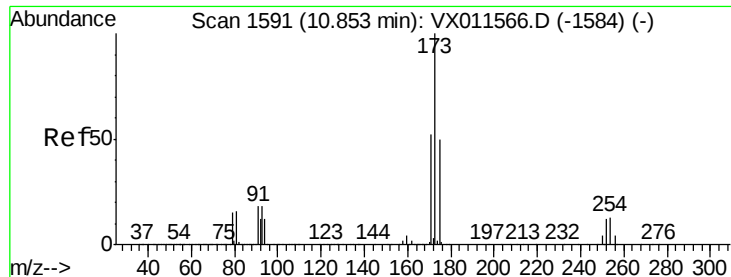
Tgt Ion:106 Resp: 1368592
Ion Ratio Lower Upper
106 100
91 213.3 105.5 316.4



#70
Styrene
Concen: 5.400 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX011584.D
Acq: 16 Aug 2019 16:24

Tgt Ion:104 Resp: 68670
Ion Ratio Lower Upper
104 100
78 286.8 38.2 57.4#
103 276.0 43.6 65.4#





#71

Bromoform

Concen: 3.317 ug/l

RT: 10.88 min Scan# 1595

Delta R.T. 0.02 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

PH2-0141

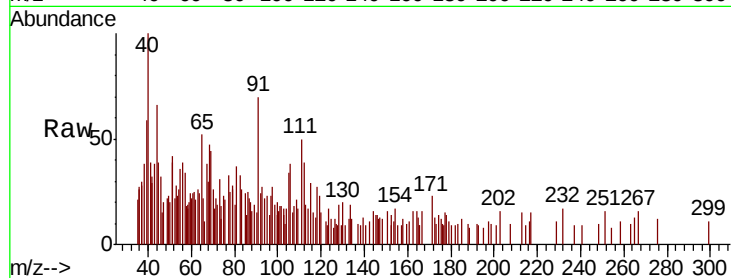
Tgt Ion:173 Resp: 121

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

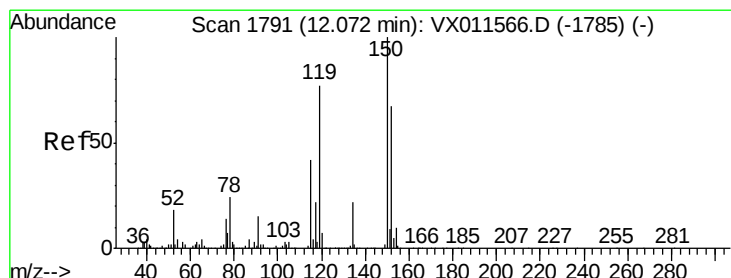
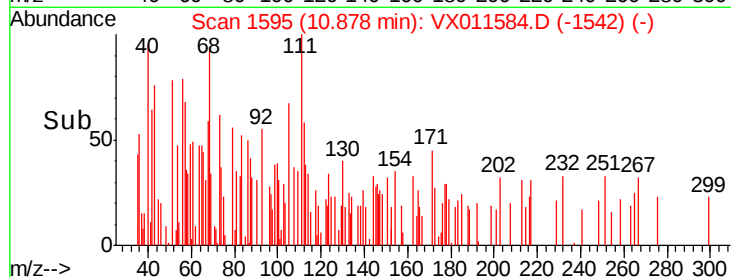
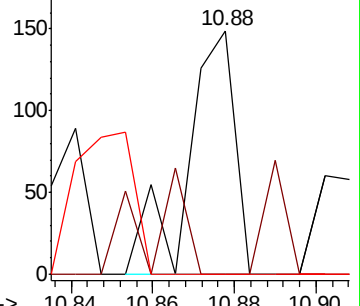
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

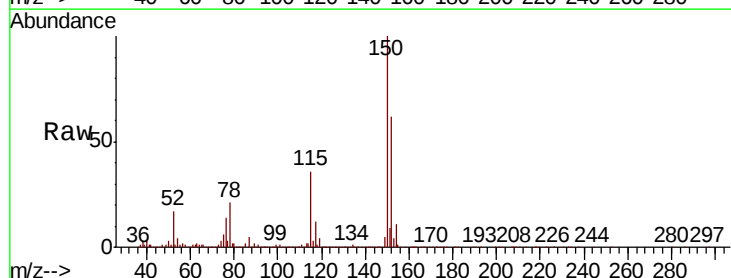
Tgt Ion:152 Resp: 255462

Ion Ratio Lower Upper

152 100

115 62.9 37.3 111.9

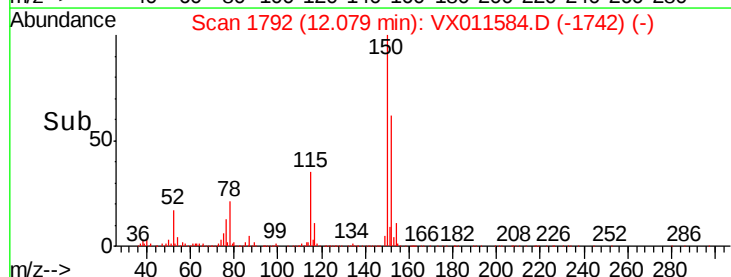
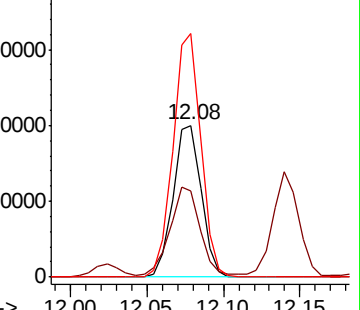
150 157.9 0.0 346.2

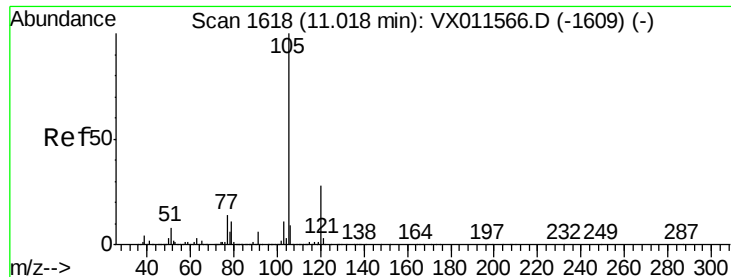


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 120.394 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

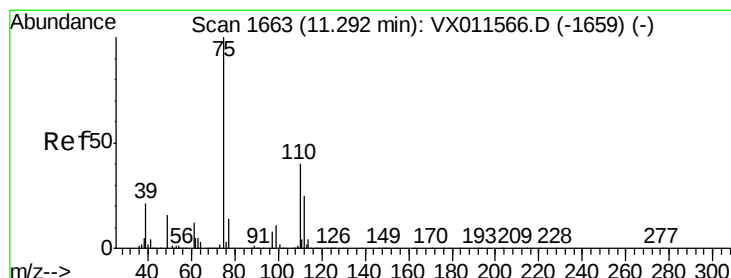
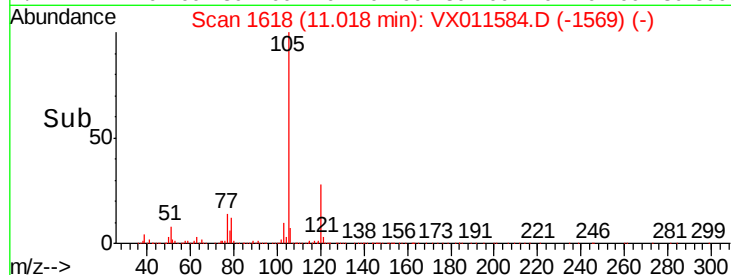
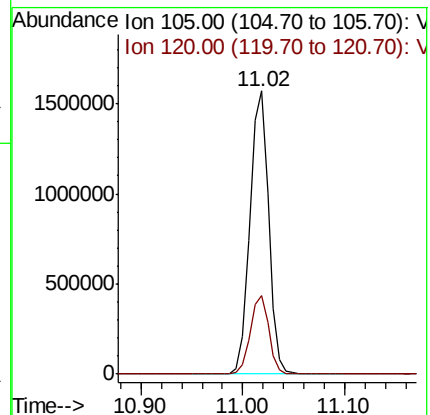
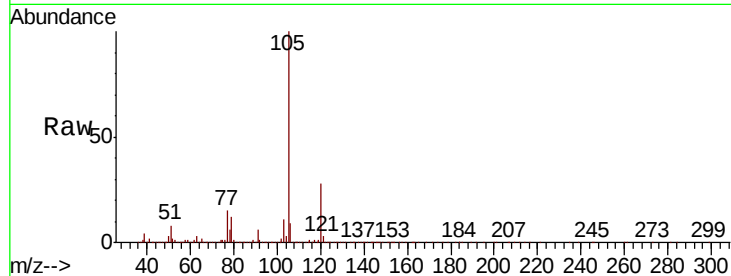
PH2-0141

Tgt Ion:105 Resp: 1995715

Ion Ratio Lower Upper

105 100

120 27.5 14.0 41.9



#76

1,2,3-Trichloropropane

Concen: 2.758 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX011584.D

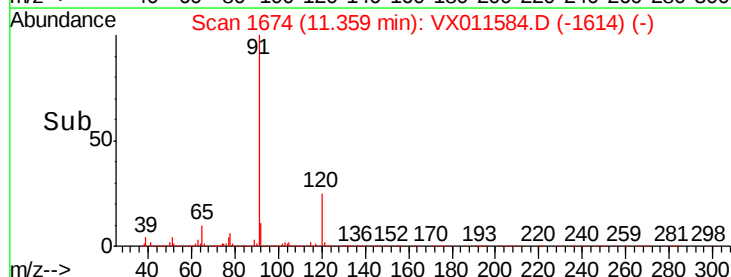
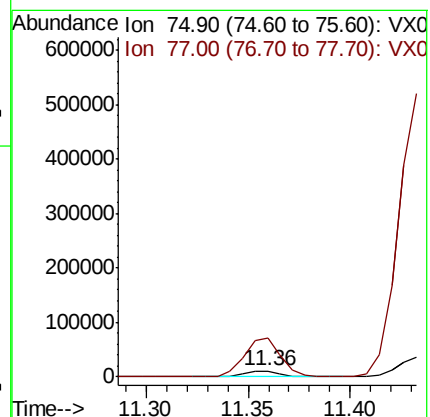
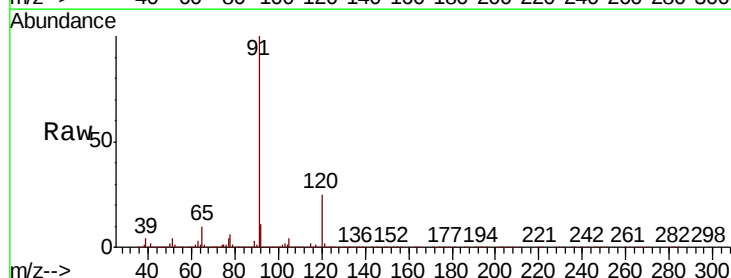
Acq: 16 Aug 2019 16:24

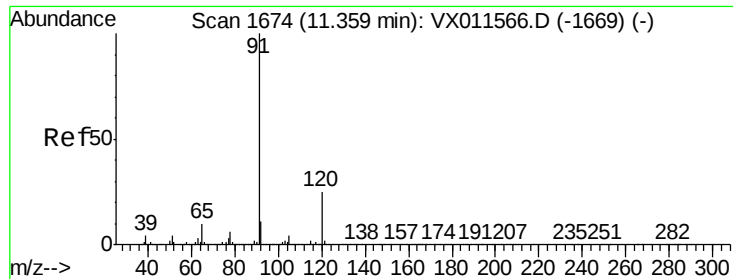
Tgt Ion: 75 Resp: 13359

Ion Ratio Lower Upper

75 100

77 654.6 20.9 62.8#





#78

n-propylbenzene

Concen: 124.428 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

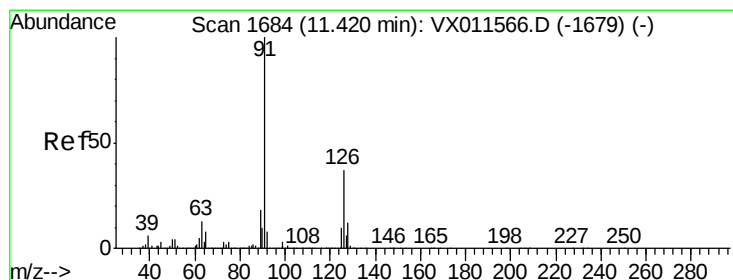
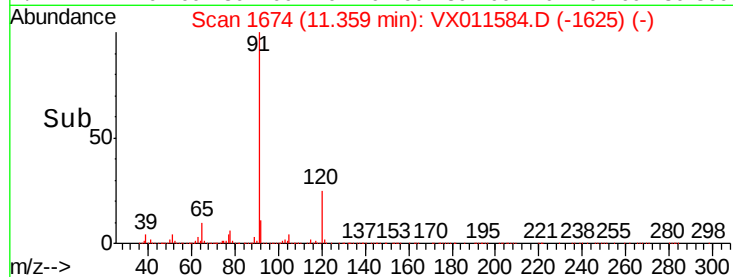
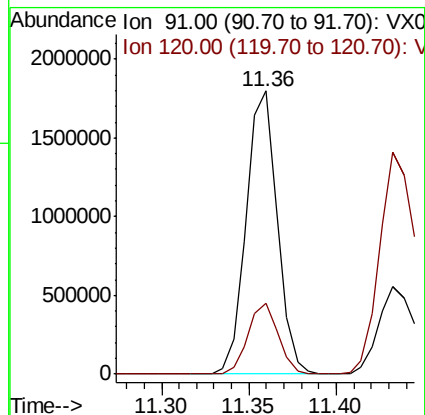
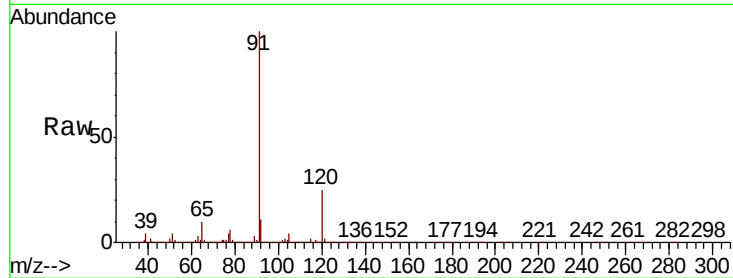
PH2-0141

Tgt Ion: 91 Resp: 2224098

Ion Ratio Lower Upper

91 100

120 24.5 12.6 37.6



#79

2-Chlorotoluene

Concen: 88.191 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011584.D

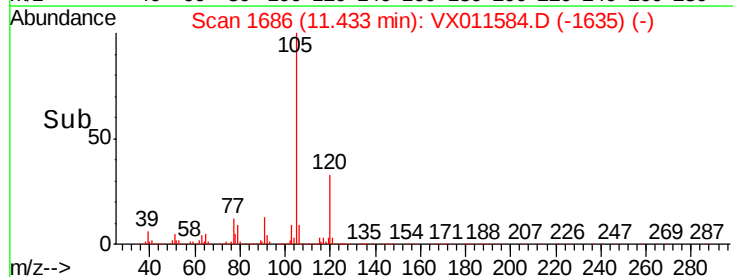
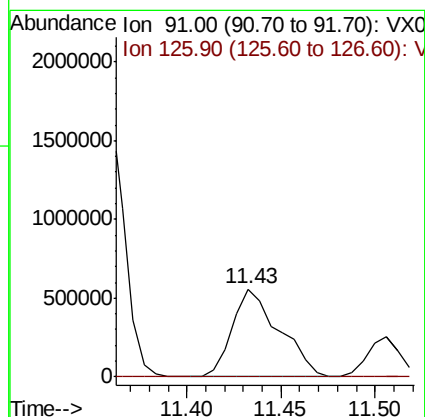
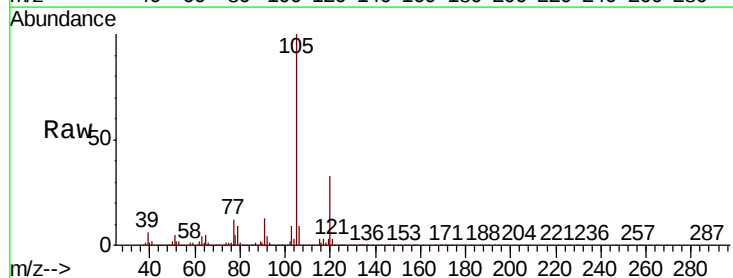
Acq: 16 Aug 2019 16:24

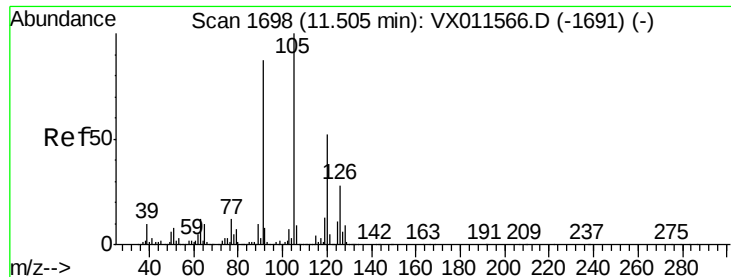
Tgt Ion: 91 Resp: 967967

Ion Ratio Lower Upper

91 100

126 0.2 18.4 55.0#





#80

1,3,5-Trimethylbenzene

Concen: 210.580 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

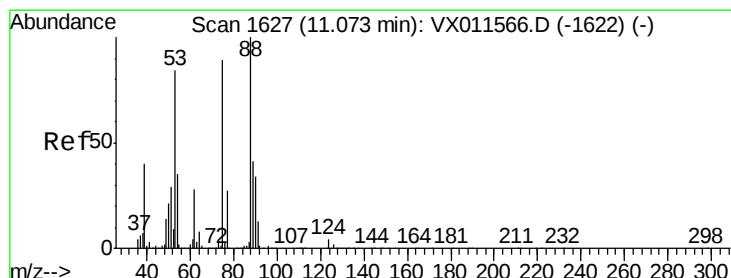
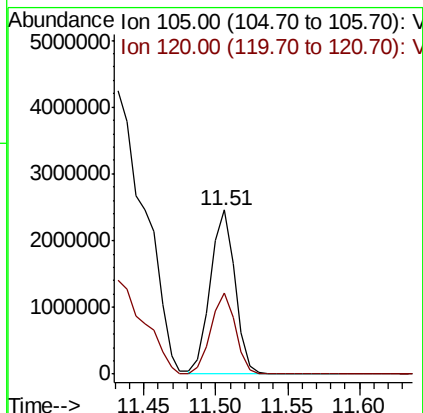
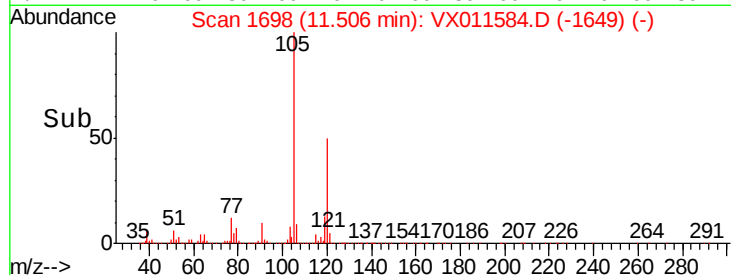
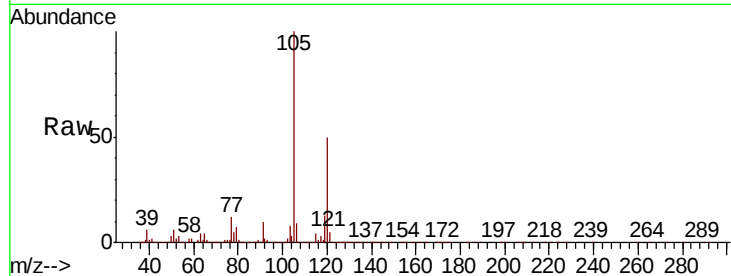
PH2-0141

Tgt Ion:105 Resp: 2932310

Ion Ratio Lower Upper

105 100

120 49.3 25.3 75.8



#81

trans-1,4-Dichloro-2-butene

Concen: 16.519 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

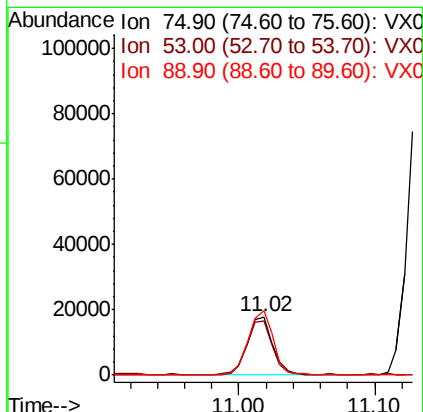
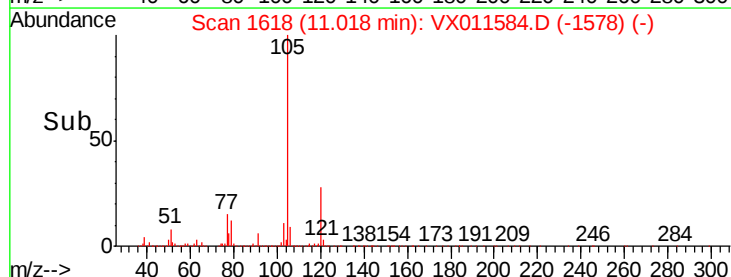
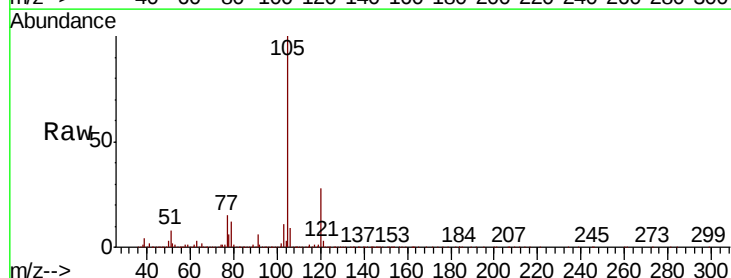
Tgt Ion: 75 Resp: 23638

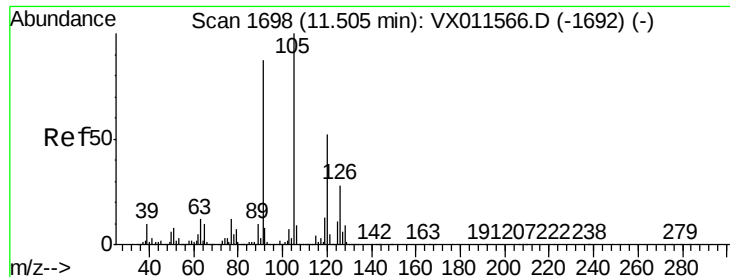
Ion Ratio Lower Upper

75 100

53 91.4 77.4 116.0

89 106.9 37.3 55.9#





#82

4-Chlorotoluene

Concen: 24.074 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Instrument :

MSVOA_X

ClientSampled :

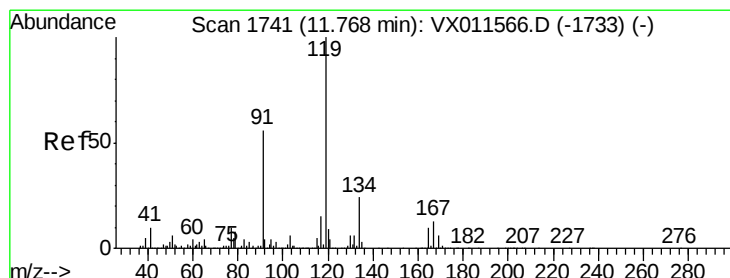
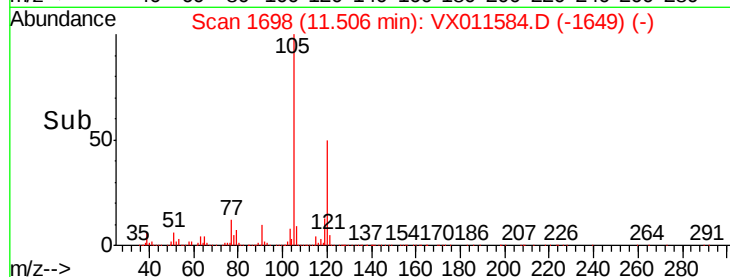
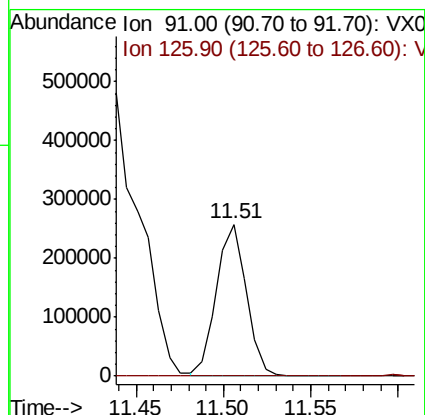
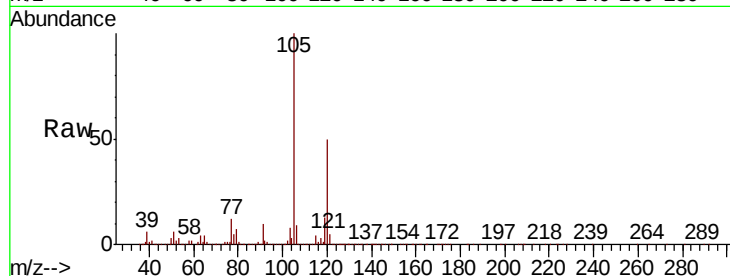
PH2-0141

Tgt Ion: 91 Resp: 306550

Ion Ratio Lower Upper

91 100

126 0.2 16.4 49.1#



#83

tert-Butylbenzene

Concen: 75.911 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

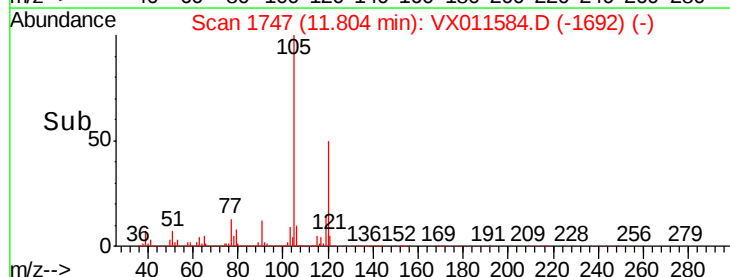
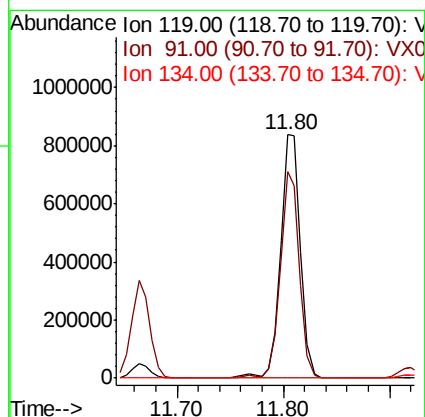
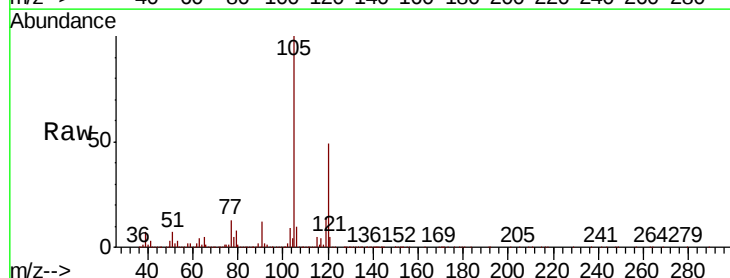
Tgt Ion: 119 Resp: 1076588

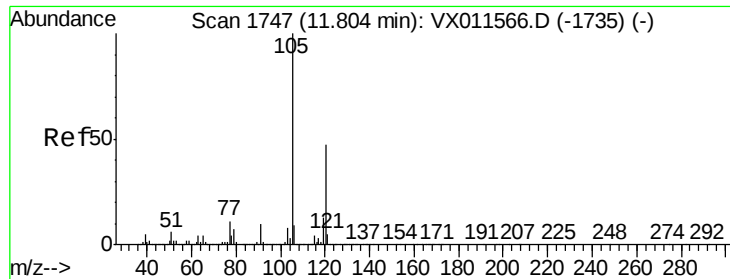
Ion Ratio Lower Upper

119 100

91 81.9 27.1 81.3#

134 0.0 11.8 35.3#

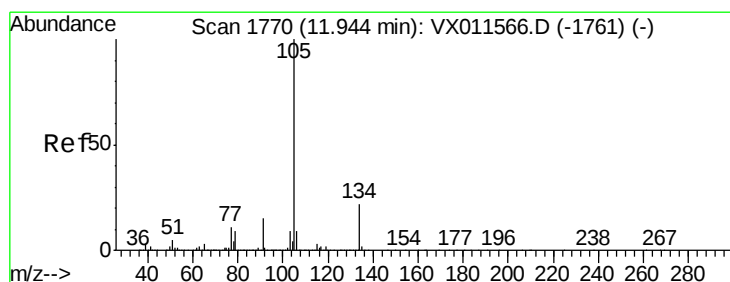
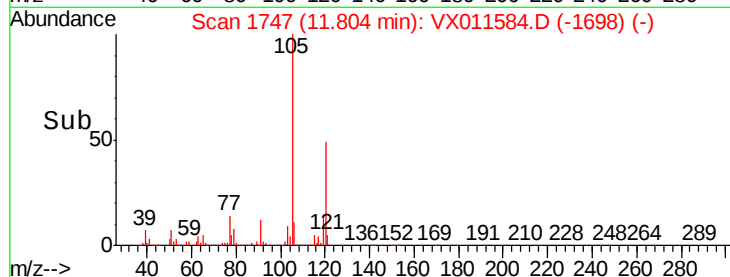
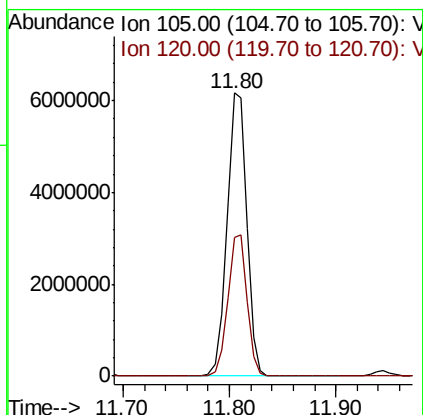
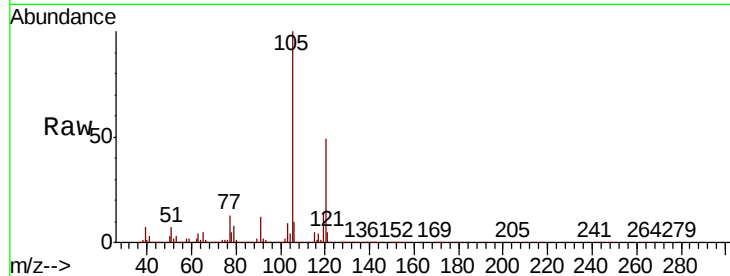




#84
 1,2,4-Trimethylbenzene
 Concen: 571.716 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011584.D
 Acq: 16 Aug 2019 16:24

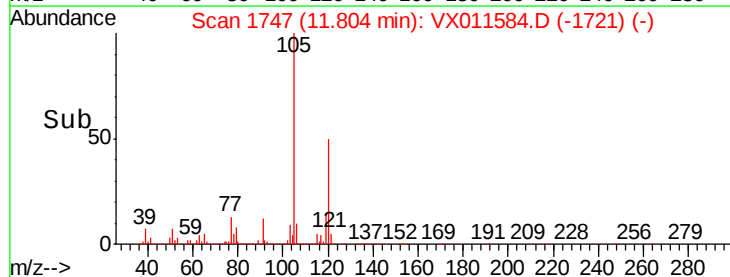
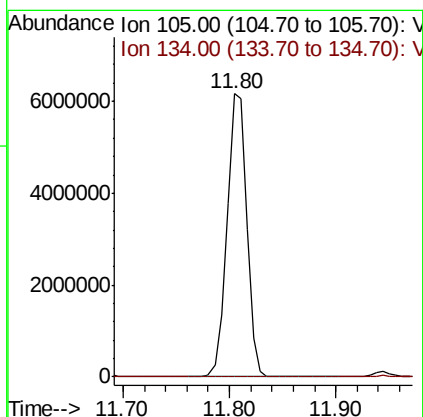
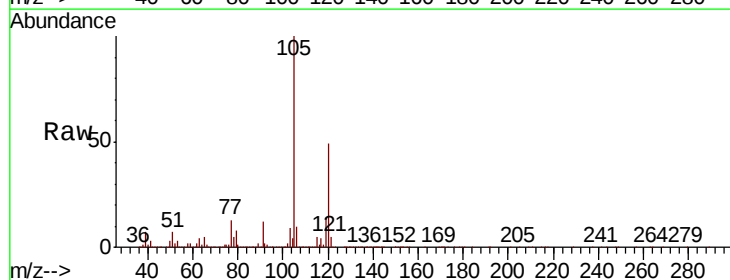
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0141

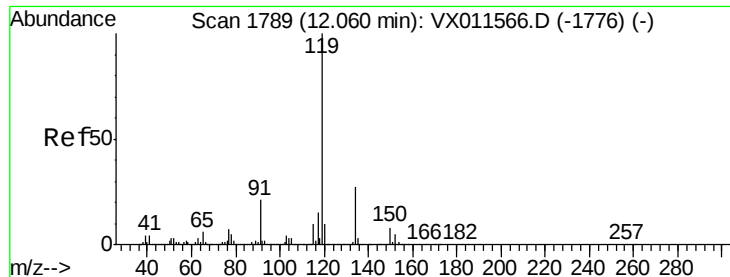
Tgt Ion:105 Resp: 7992328
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.3 69.9



#85
 sec-Butylbenzene
 Concen: 499.492 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX011584.D
 Acq: 16 Aug 2019 16:24

Tgt Ion:105 Resp: 7992328
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#

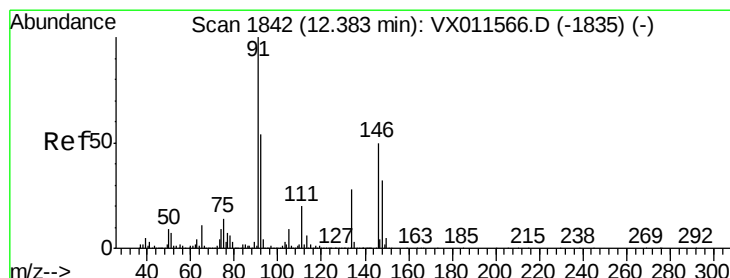
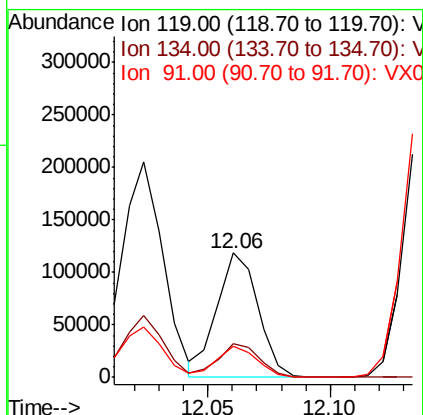
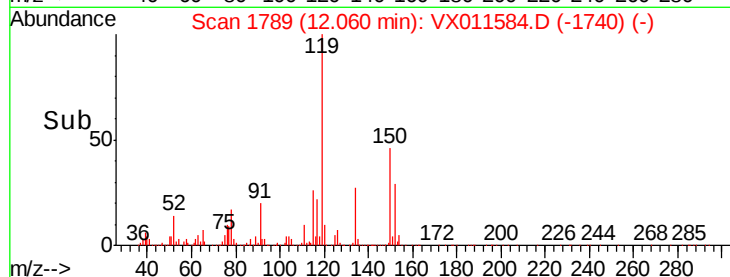
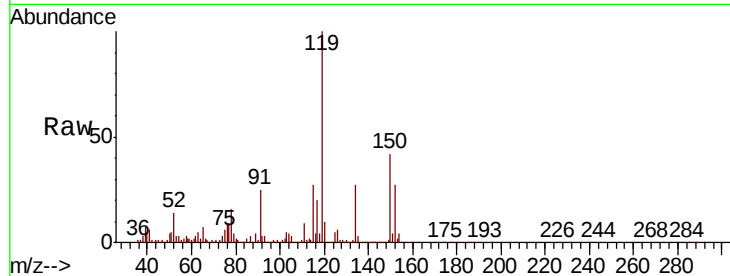




#86
p-Isopropyltoluene
Concen: 9.186 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX011584.D
Acq: 16 Aug 2019 16:24

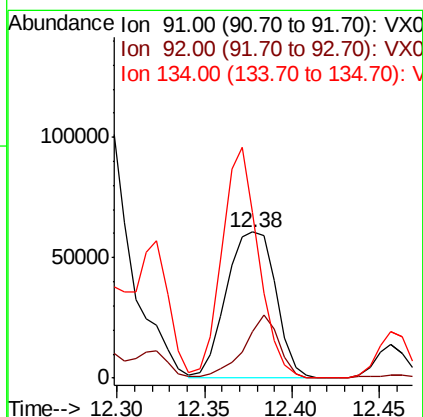
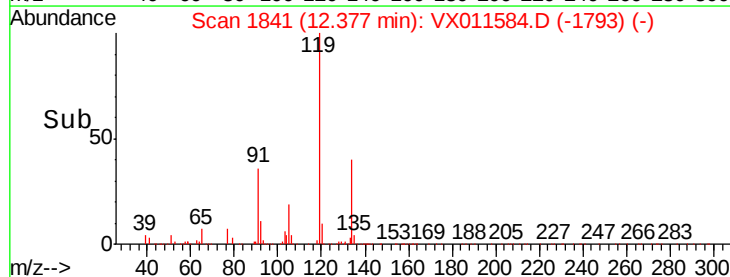
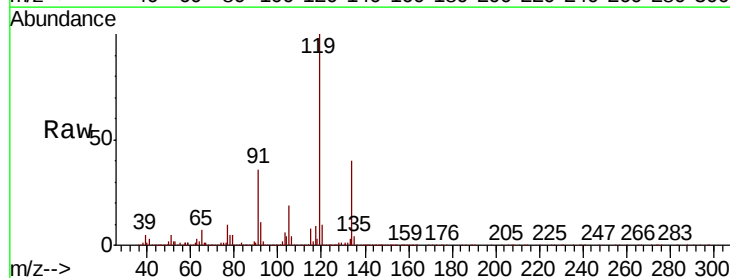
Instrument :
MSVOA_X
ClientSampleId :
PH2-0141

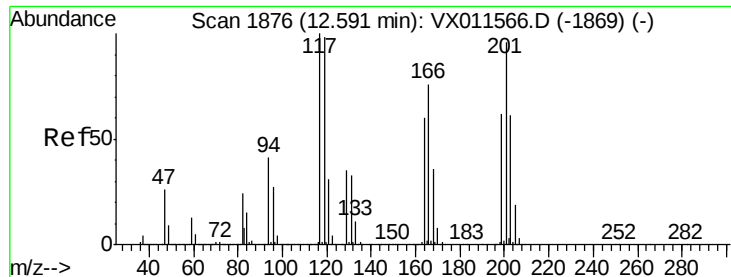
Tgt Ion: 119 Resp: 138271
Ion Ratio Lower Upper
119 100
134 27.7 13.6 40.8
91 24.3 10.9 32.9



#89
n-Butylbenzene
Concen: 9.556 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX011584.D
Acq: 16 Aug 2019 16:24

Tgt Ion: 91 Resp: 118268
Ion Ratio Lower Upper
91 100
92 30.9 26.8 80.3
134 117.0 14.6 44.0#





#90

Hexachloroethane

Concen: 8.353 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.02 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

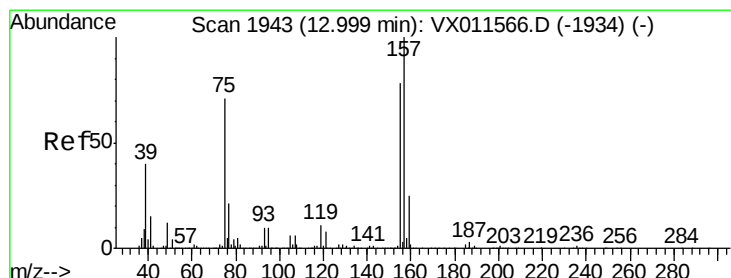
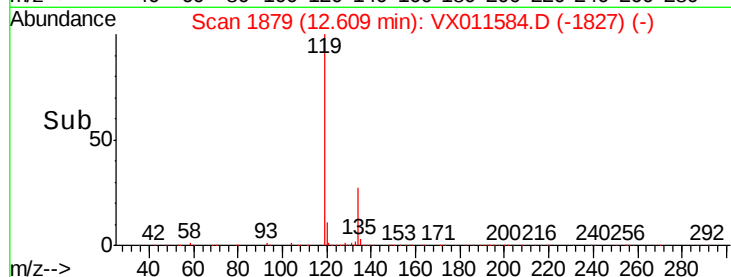
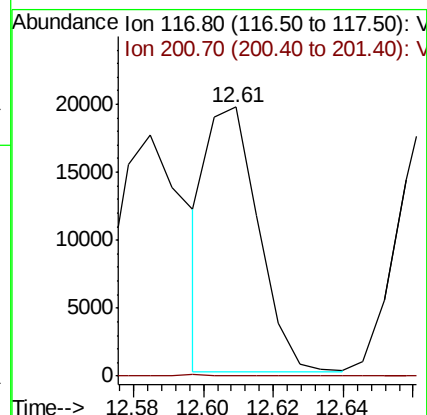
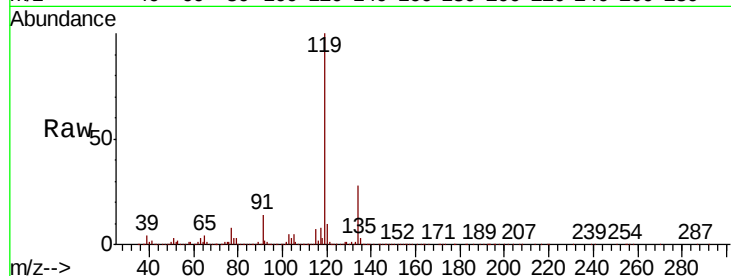
PH2-0141

Tgt Ion: 117 Resp: 19856

Ion Ratio Lower Upper

117 100

201 0.2 51.9 155.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.685 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX011584.D

Acq: 16 Aug 2019 16:24

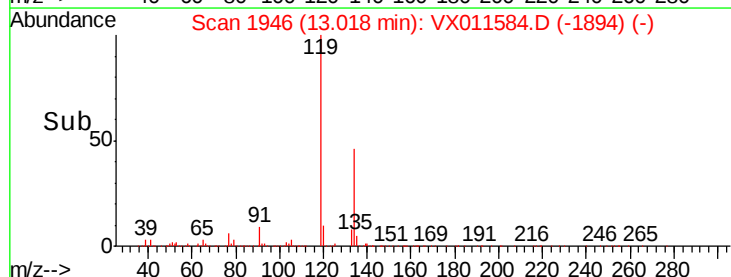
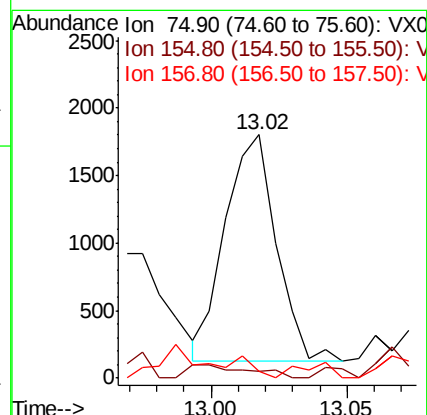
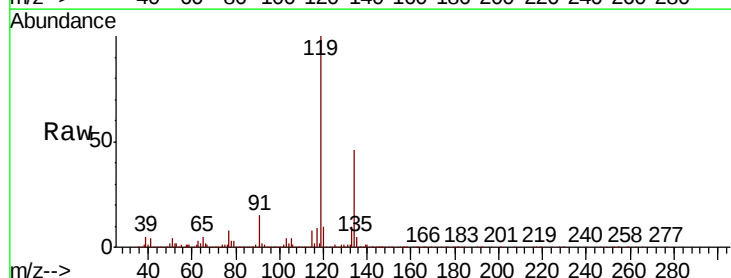
Tgt Ion: 75 Resp: 2198

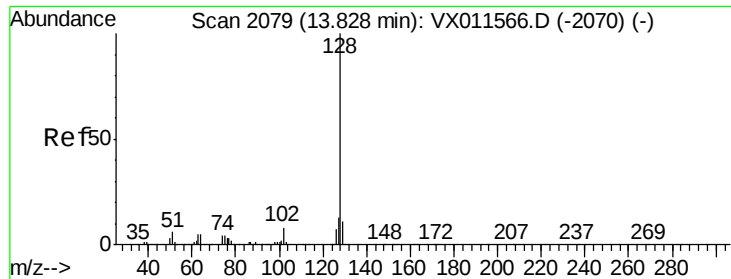
Ion Ratio Lower Upper

75 100

155 0.0 53.0 159.0#

157 0.0 68.3 205.1#

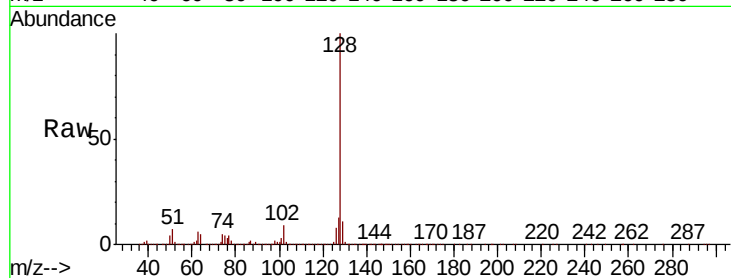




#95
Naphthalene
Concen: 169.328 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011584.D
Acq: 16 Aug 2019 16:24

Instrument :
MSVOA_X
ClientSampleId :
PH2-0141

Tgt Ion:128 Resp: 3035148
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.1 8.7 13.1



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

