

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
 Data File : VX011585.D
 Acq On : 16 Aug 2019 16:48
 Operator : JC/SP
 Sample : K4368-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0139

Quant Time: Aug 19 01:10:16 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	468509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	636510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	572458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	301518	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	212767	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
35) Dibromofluoromethane	5.49	113	187925	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
50) Toluene-d8	8.71	98	743941	57.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.70%	
62) 4-Bromofluorobenzene	11.13	95	264474	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

Target Compounds						Qvalue
11) Tert butyl alcohol	3.02	59	472	0.443	ug/l #	71
13) Acrolein	2.39	56	15384	56.804	ug/l #	75
14) Allyl chloride	2.84	41	121323	18.257	ug/l #	65
15) Acrylonitrile	3.17	53	33008	13.530	ug/l #	40
16) Acetone	2.39	43	43935	20.111	ug/l #	52
18) Methyl Acetate	2.84	43	324033	47.825	ug/l #	51
25) 2-Butanone	4.40	43	368154	107.343	ug/l #	47
26) 2,2-Dichloropropane	4.40	77	35817	6.360	ug/l #	52
29) Tetrahydrofuran	5.14	42	595	0.264	ug/l #	57
31) Cyclohexane	5.58	56	6112634	948.839	ug/l	97
36) 1,1-Dichloropropene	5.66	75	25588	4.702	ug/l #	50
38) Carbon Tetrachloride	5.65	117	38597	6.437	ug/l #	16
39) Methylcyclohexane	7.46	83	3750820	558.109	ug/l	98
40) Benzene	6.14	78	29031	1.717	ug/l	95
43) Isopropyl Acetate	6.45	43	48648	4.980	ug/l #	60
45) 1,2-Dichloropropane	7.46	63	30838	7.312	ug/l #	1
47) Bromodichloromethane	7.84	83	3956	0.703	ug/l #	64
48) Methyl methacrylate	7.73	41	146006	30.182	ug/l #	45
49) 1,4-Dioxane	7.73	88	331	2.573	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	30383	4.752	ug/l #	39
52) Toluene	8.78	92	173646	16.117	ug/l	100
55) 1,1,2-Trichloroethane	9.16	97	106087	23.154	ug/l #	19
56) Ethyl methacrylate	9.16	69	21291	3.197	ug/l #	1
59) 2-Hexanone	9.49	43	1034	0.210	ug/l	93
67) Ethyl Benzene	10.25	91	17102946	839.312	ug/l #	66
68) m/p-Xylenes	10.37	106	19963911	2552.311	ug/l #	1
69) o-Xylene	10.70	106	6587130	859.736	ug/l	85
70) Styrene	10.70	104	333262	25.838	ug/l #	1
71) Bromoform	10.85	173	165	3.326	ug/l #	28
73) Isopropylbenzene	11.02	105	2009841	102.726	ug/l	100
74) N-amyl acetate	10.90	43	3209	0.386	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	2839	0.422	ug/l #	26
76) 1,2,3-Trichloropropane	11.36	75	13206	2.310	ug/l #	1
78) n-propylbenzene	11.36	91	2317358	109.843	ug/l	100

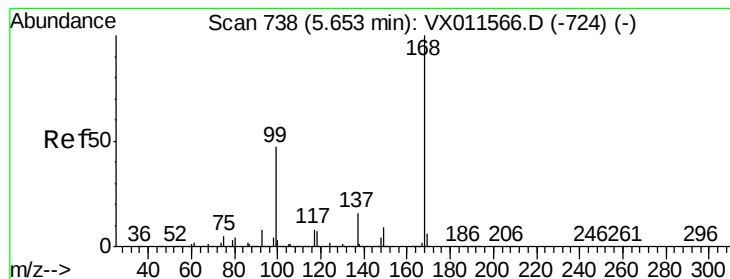
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.43	91	1027242	79.295	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	3180131	193.493	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.02	75	22709	14.280	ug/l #	70
82) 4-Chlorotoluene	11.51	91	316379	21.051	ug/l #	42
83) tert-Butylbenzene	11.81	119	1141787	68.211	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.80	105	8320641	504.286	ug/l	96
85) sec-Butylbenzene	11.80	105	8320475	440.571	ug/l #	54
86) p-Isopropyltoluene	12.06	119	216179	12.167	ug/l	99
89) n-Butylbenzene	12.38	91	192390	13.171	ug/l #	25
90) Hexachloroethane	12.58	117	34399	12.260	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.01	75	3320	2.156	ug/l #	1
95) Naphthalene	13.83	128	4650525	219.818	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

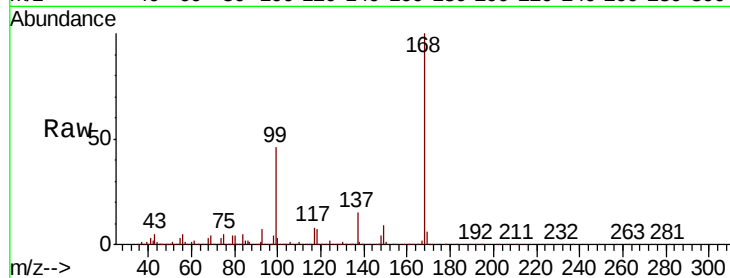
PH2-0139

Tgt Ion:168 Resp: 468509

Ion Ratio Lower Upper

168 100

99 45.4 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

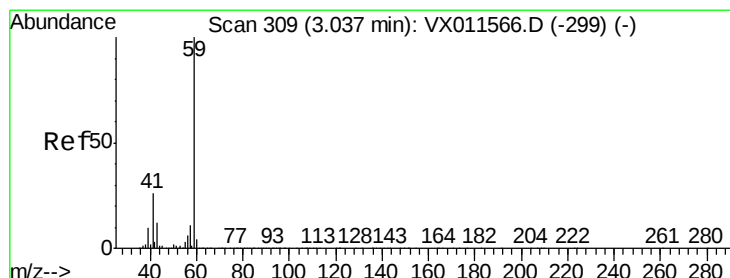
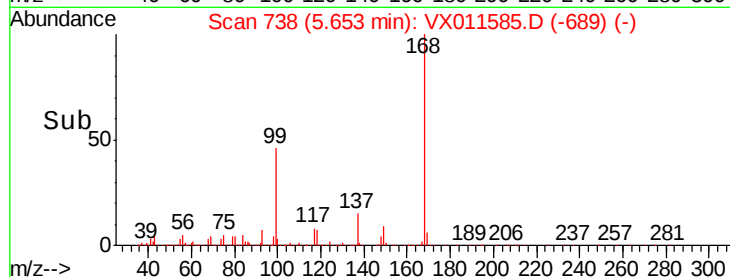
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.443 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.02 min

Lab File: VX011585.D

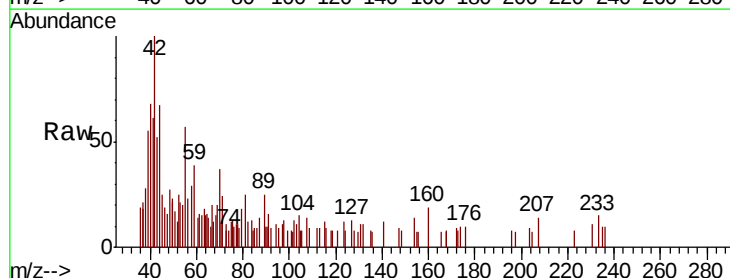
Acq: 16 Aug 2019 16:48

Tgt Ion: 59 Resp: 472

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

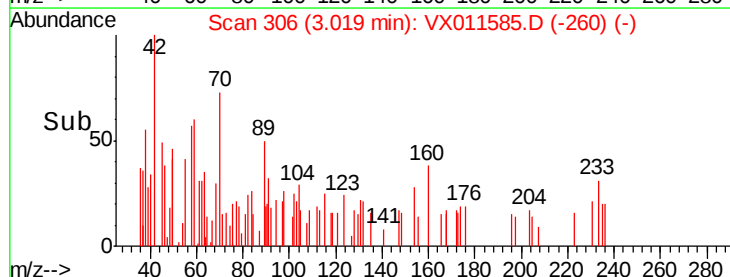
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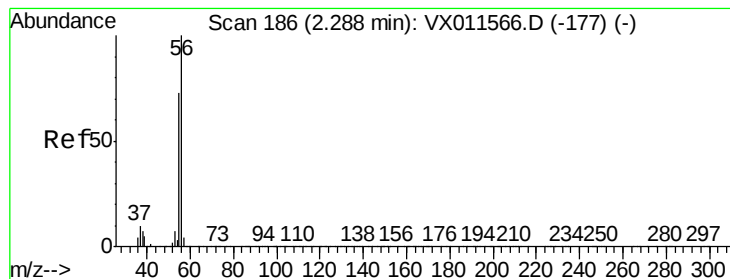
200

100

0

Time-->





#13

Acrolein

Concen: 56.804 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.10 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

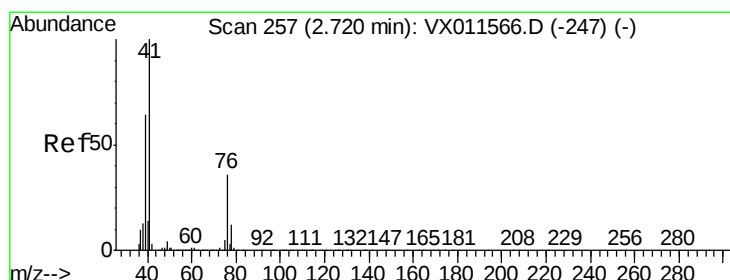
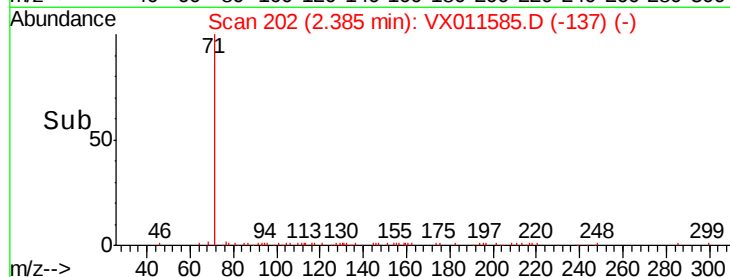
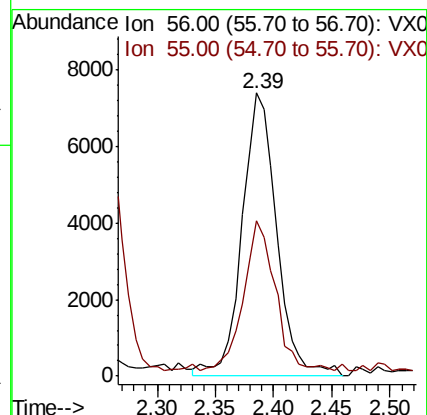
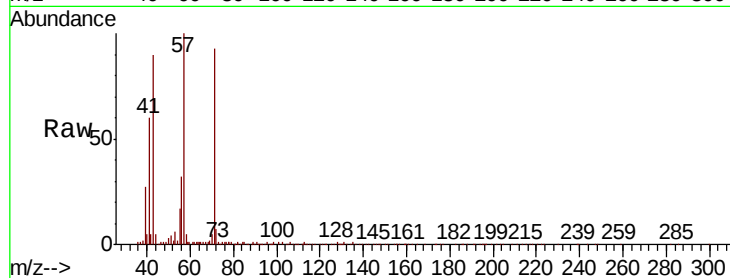
PH2-0139

Tgt Ion: 56 Resp: 15384

Ion Ratio Lower Upper

56 100

55 49.0 55.5 83.3#



#14

Allyl chloride

Concen: 18.257 ug/l

RT: 2.84 min Scan# 276

Delta R.T. 0.12 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

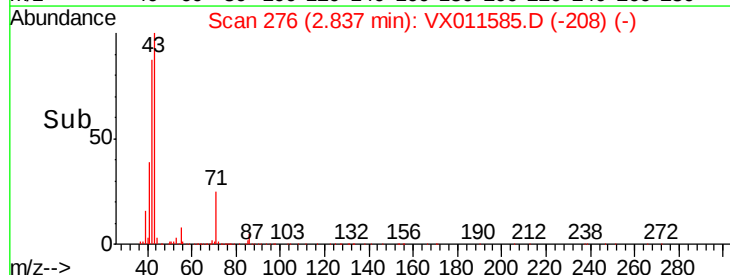
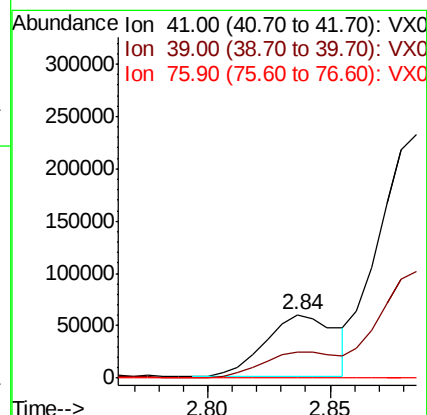
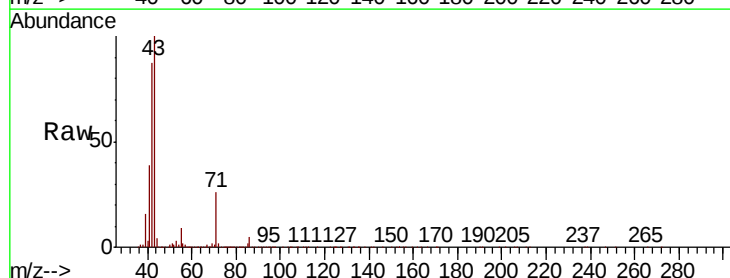
Tgt Ion: 41 Resp: 121323

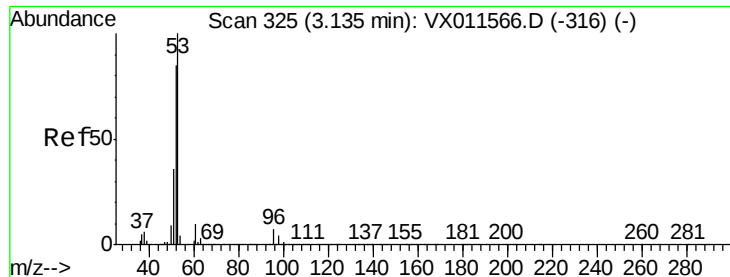
Ion Ratio Lower Upper

41 100

39 42.9 47.5 71.3#

76 0.3 26.3 39.5#





#15

Acrylonitrile

Concen: 13.530 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.04 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

PH2-0139

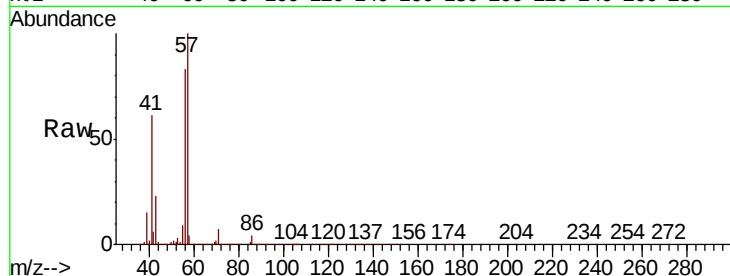
Tgt Ion: 53 Resp: 33008

Ion Ratio Lower Upper

53 100

52 22.0 66.7 100.1#

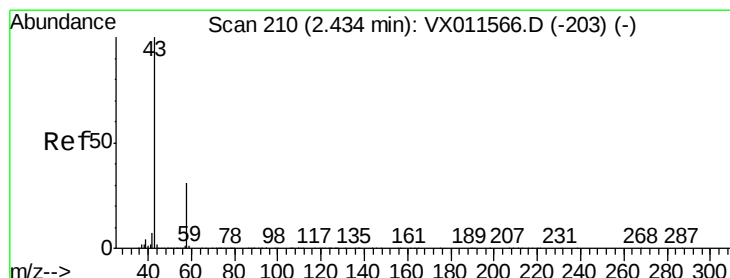
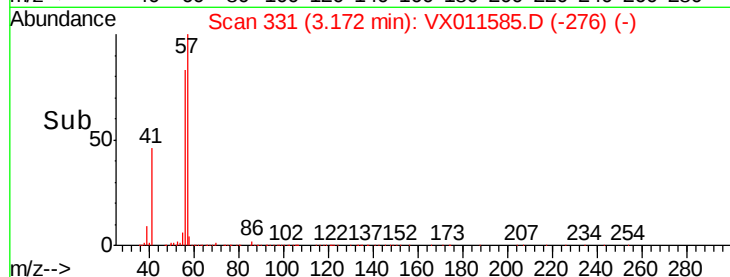
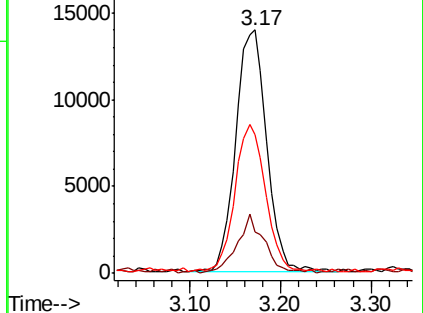
51 59.9 28.7 43.1#



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: 20.111 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.05 min

Lab File: VX011585.D

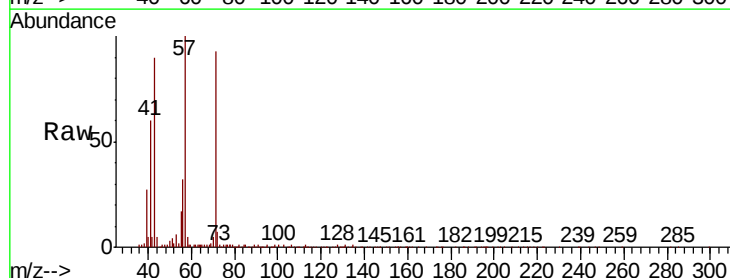
Acq: 16 Aug 2019 16:48

Tgt Ion: 43 Resp: 43935

Ion Ratio Lower Upper

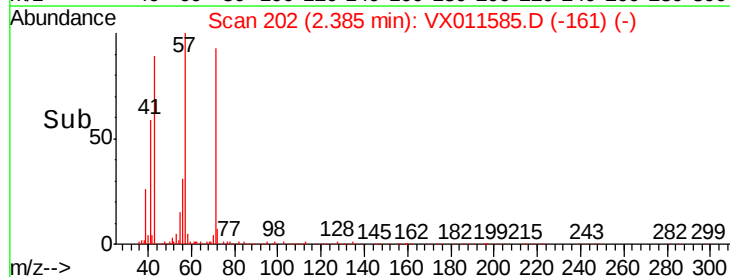
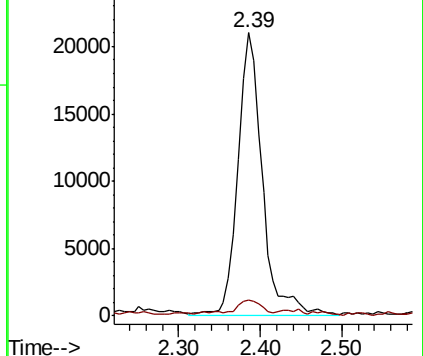
43 100

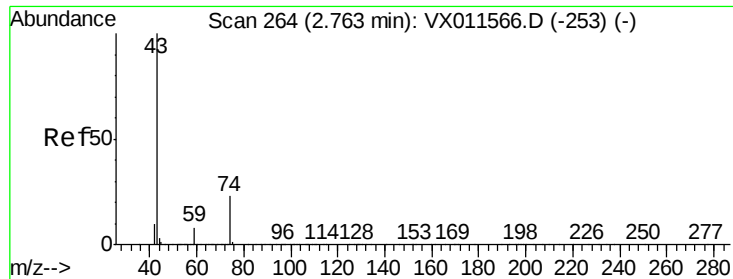
58 5.1 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

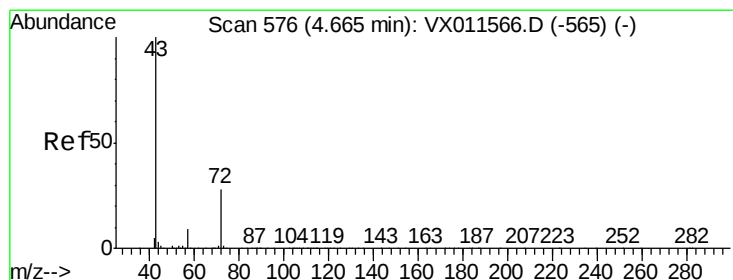
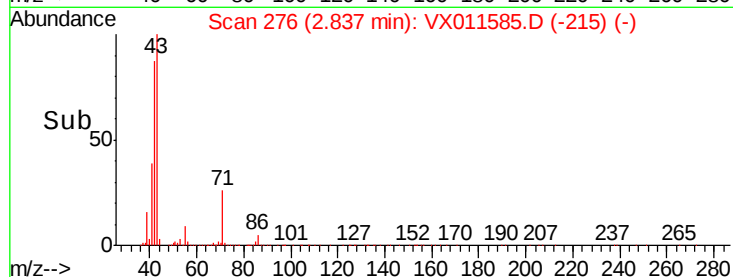
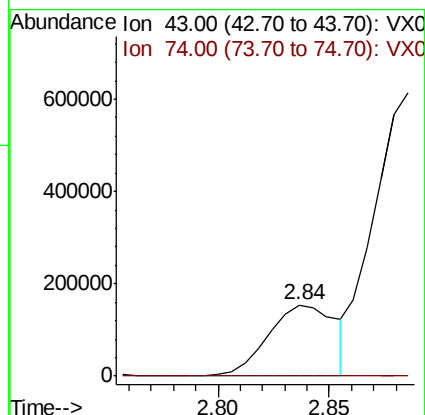
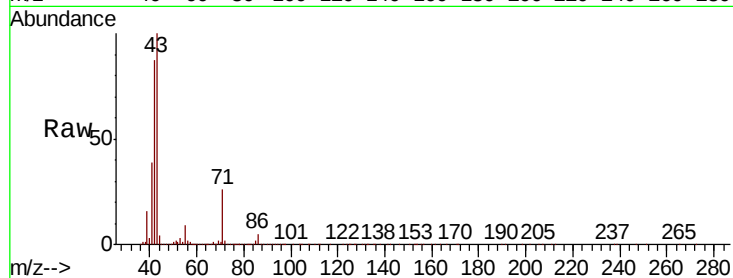




#18
Methyl Acetate
Concen: 47.825 ug/l
RT: 2.84 min Scan# 276
Delta R.T. 0.07 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

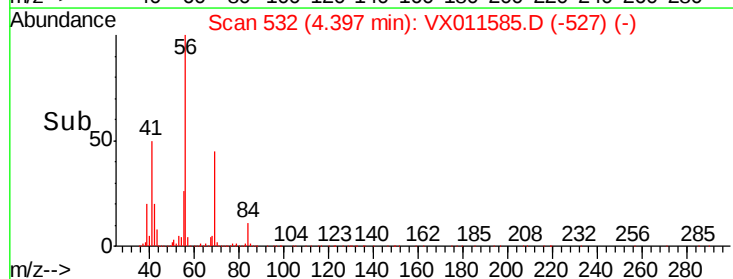
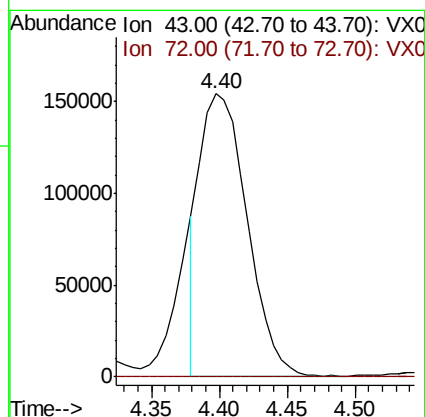
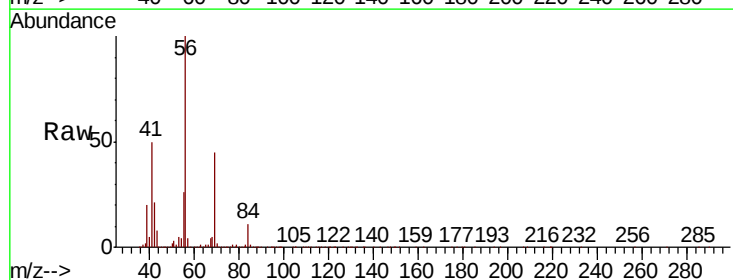
Instrument :
MSVOA_X
ClientSampleId :
PH2-0139

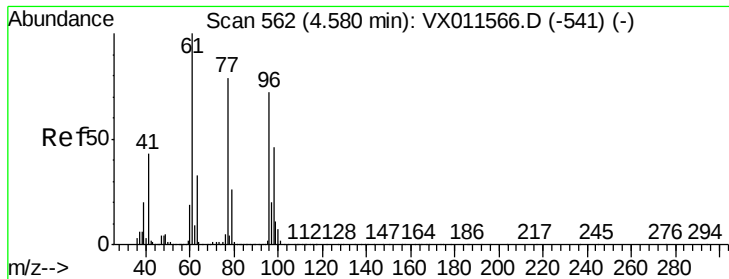
Tgt Ion: 43 Resp: 324033
Ion Ratio Lower Upper
43 100
74 0.1 19.7 29.5#



#25
2-Butanone
Concen: 107.343 ug/l
RT: 4.40 min Scan# 532
Delta R.T. -0.27 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

Tgt Ion: 43 Resp: 368154
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.4#





#26

2,2-Dichloropropane

Concen: 6.360 ug/l

RT: 4.40 min Scan# 532

Delta R.T. -0.18 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

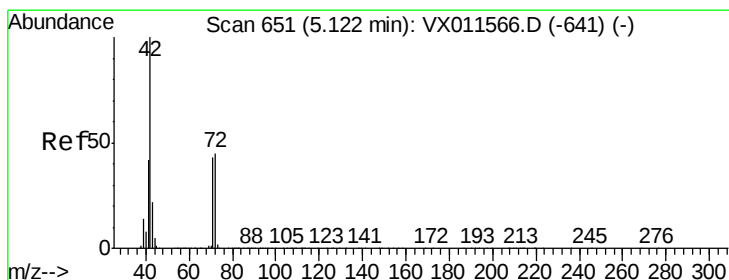
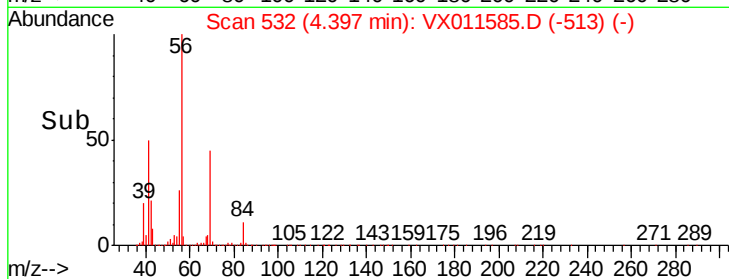
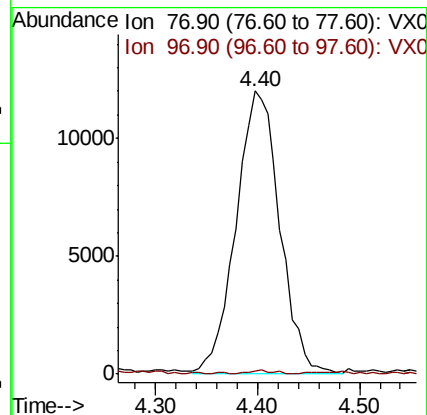
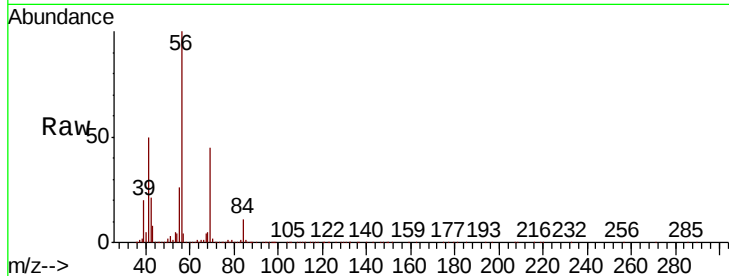
PH2-0139

Tgt Ion: 77 Resp: 35817

Ion Ratio Lower Upper

77 100

97 0.7 12.4 37.2#



#29

Tetrahydrofuran

Concen: 0.264 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.02 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

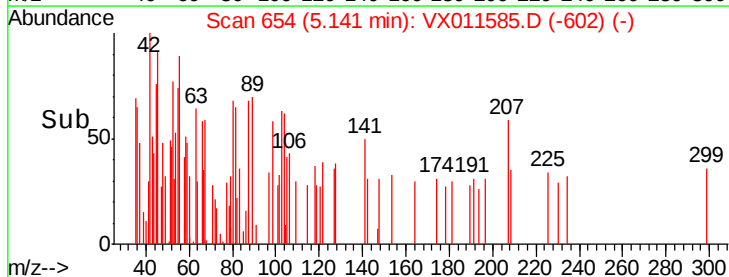
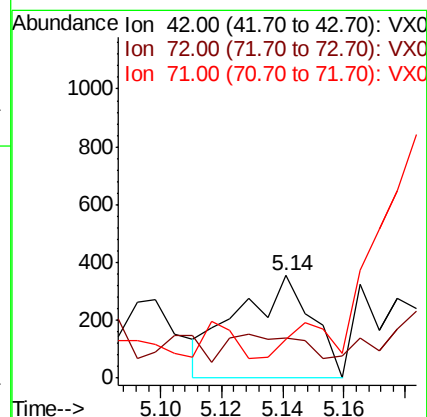
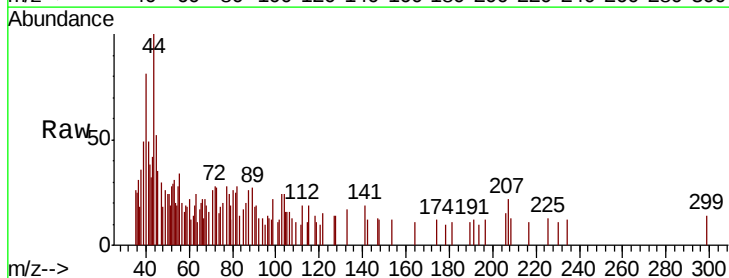
Tgt Ion: 42 Resp: 595

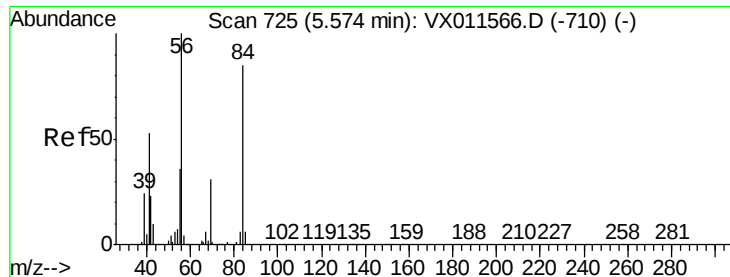
Ion Ratio Lower Upper

42 100

72 31.4 36.1 54.1#

71 0.0 33.8 50.8#

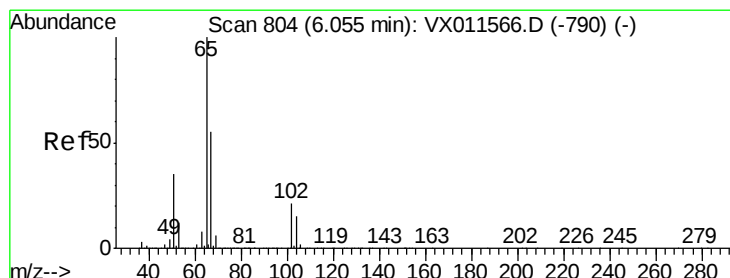
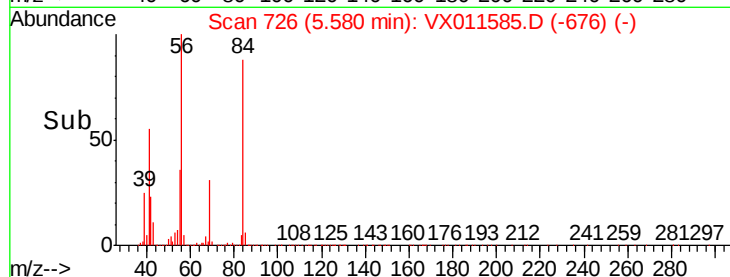
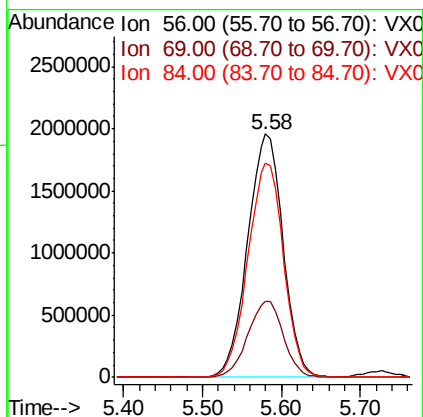
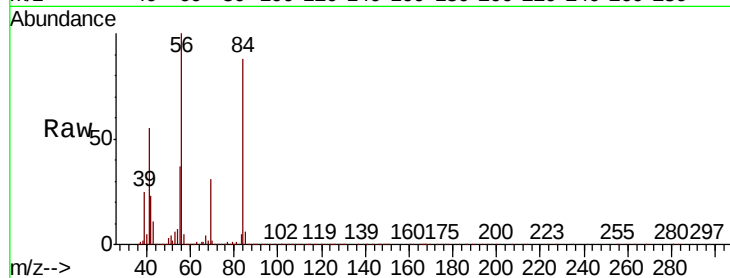




#31
Cyclohexane
Concen: 948.839 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

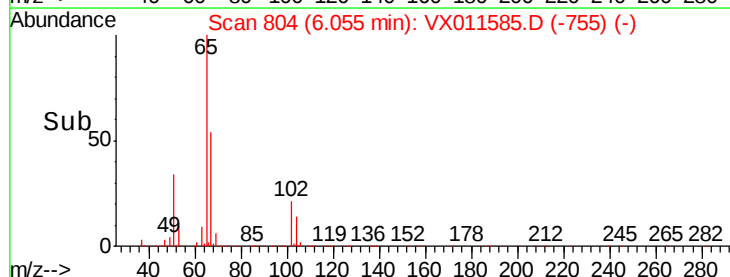
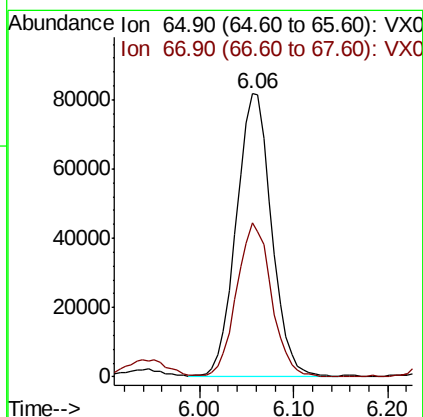
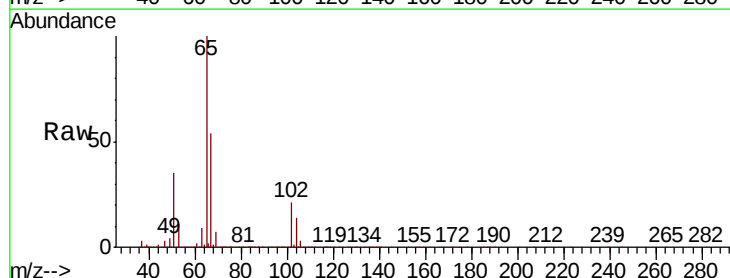
Instrument :
MSVOA_X
ClientSampleId :
PH2-0139

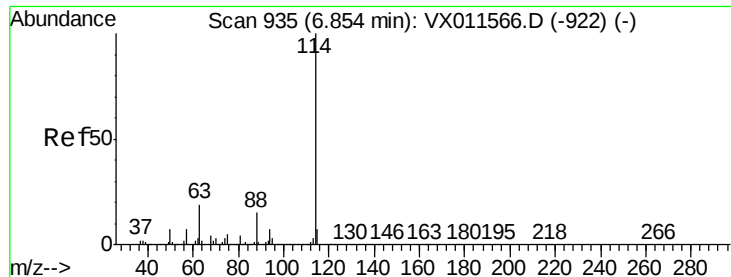
Tgt Ion: 56 Resp: 6112634
Ion Ratio Lower Upper
56 100
69 31.2 24.8 37.2
84 88.2 67.9 101.9



#33
1,2-Dichloroethane-d4
Concen: 48.971 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

Tgt Ion: 65 Resp: 212767
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

PH2-0139

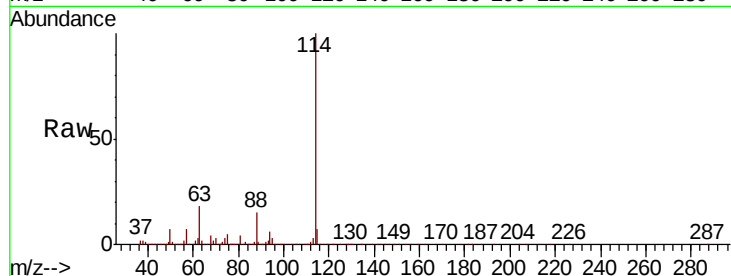
Tgt Ion:114 Resp: 636510

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

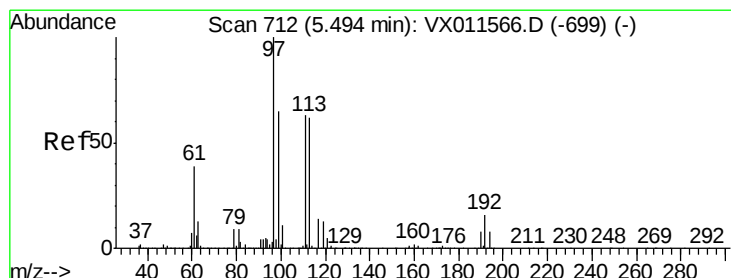
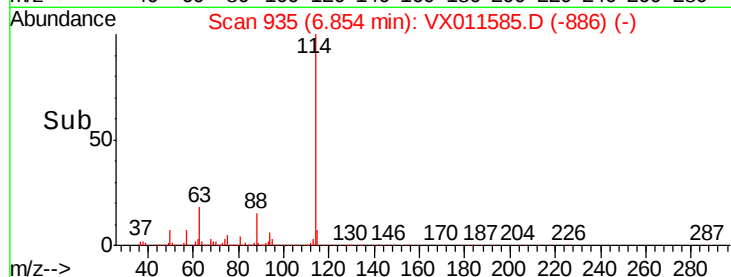
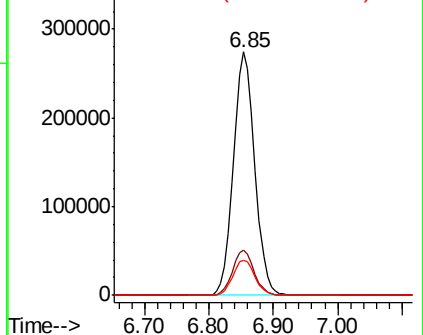
88 14.6 0.0 30.2



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



#35

Dibromofluoromethane

Concen: 45.140 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

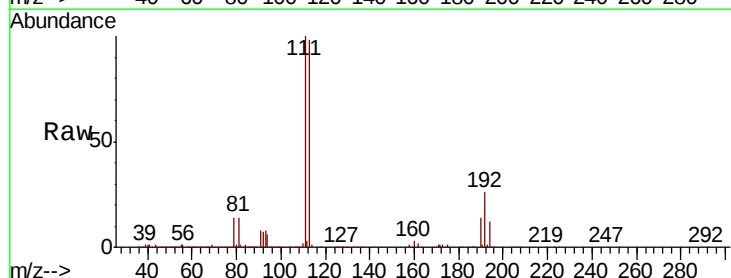
Tgt Ion:113 Resp: 187925

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

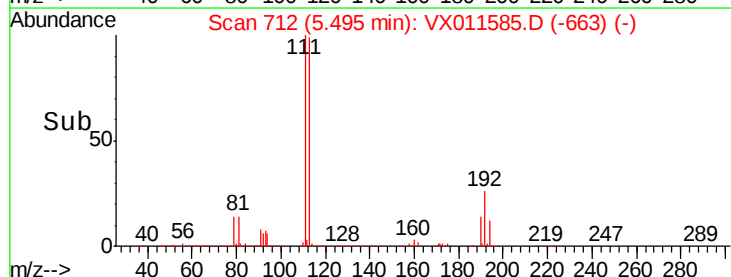
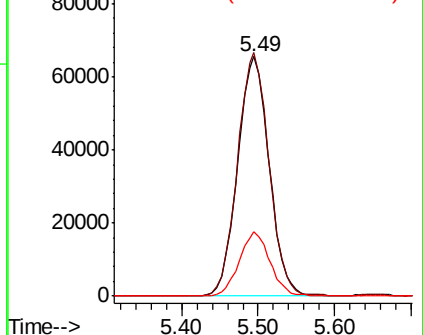
192 26.0 20.8 31.2

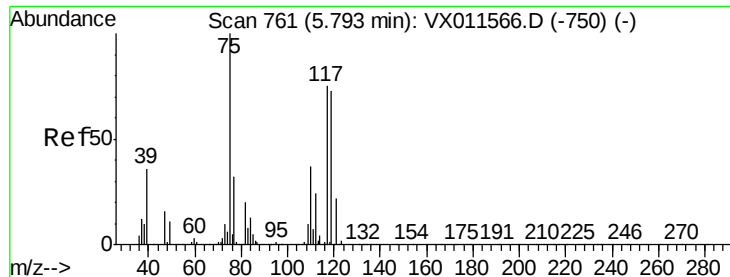


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.702 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

PH2-0139

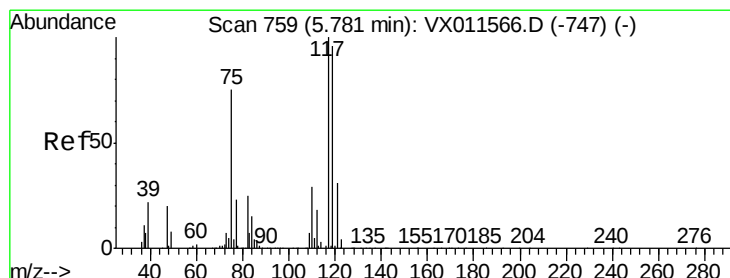
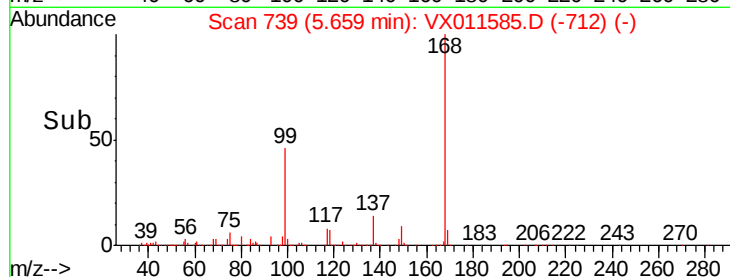
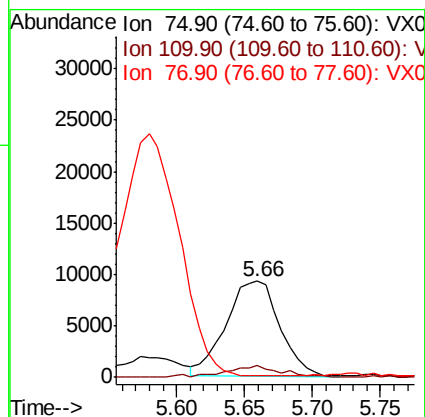
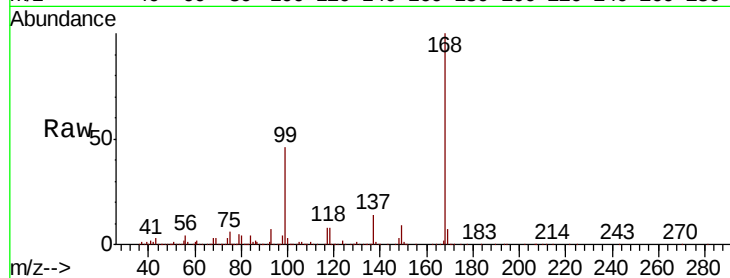
Tgt Ion: 75 Resp: 25588

Ion Ratio Lower Upper

75 100

110 12.1 19.4 58.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.437 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

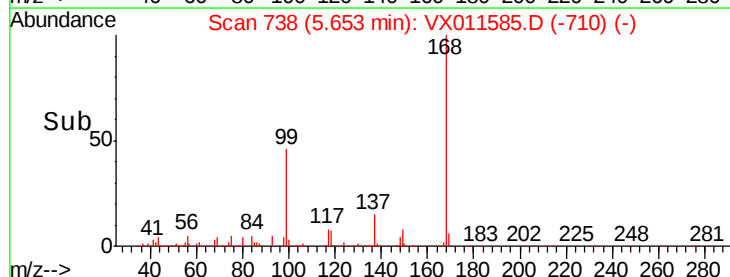
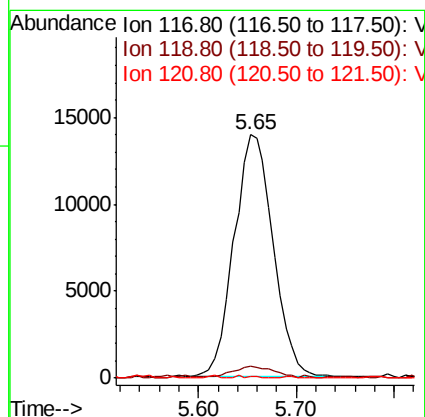
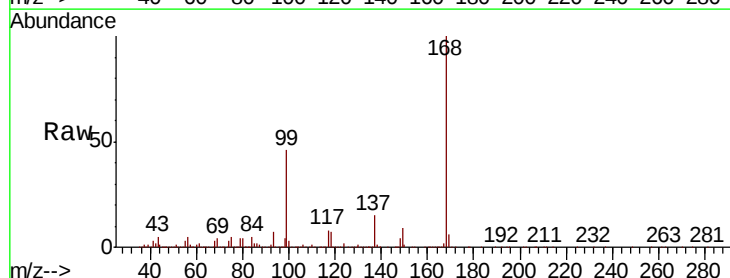
Tgt Ion: 117 Resp: 38597

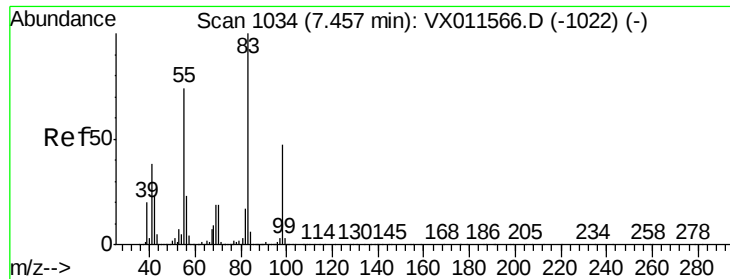
Ion Ratio Lower Upper

117 100

119 4.5 76.9 115.3#

121 0.5 24.8 37.2#

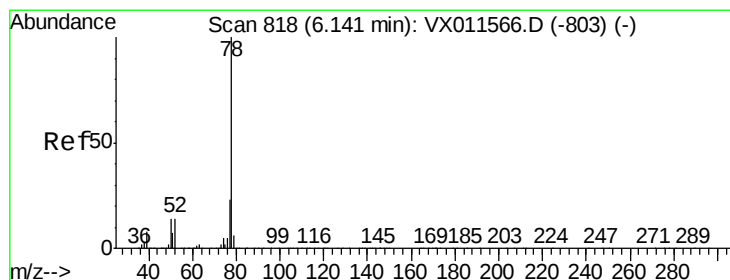
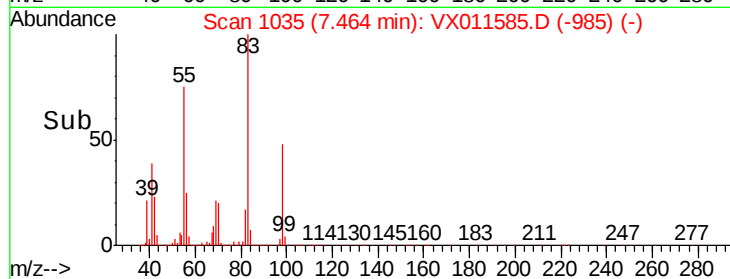
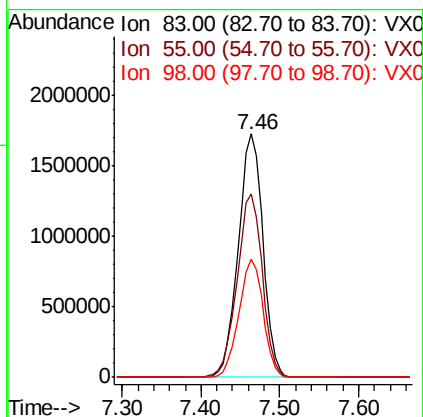
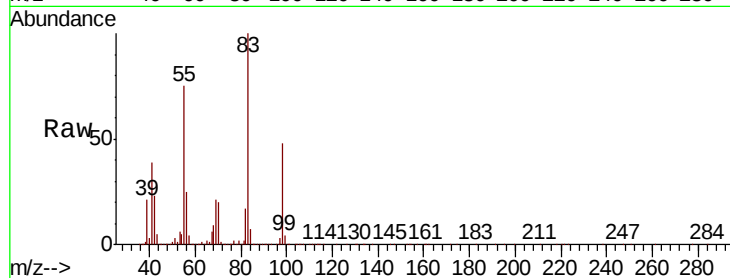




#39
Methylcyclohexane
Concen: 558.109 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

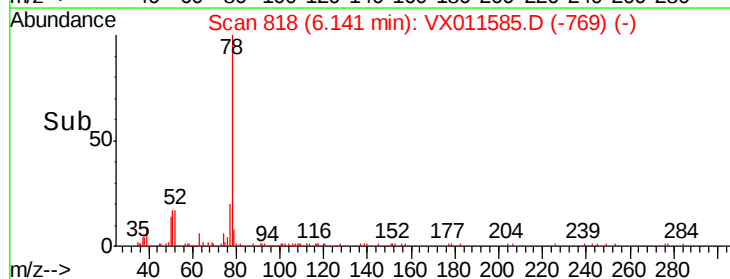
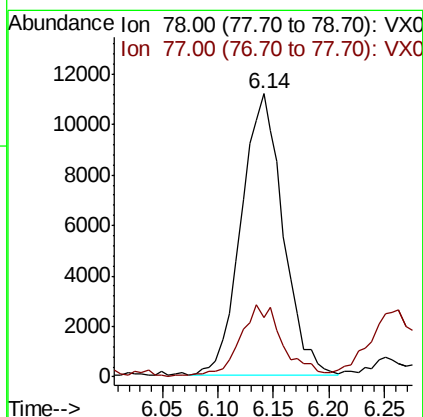
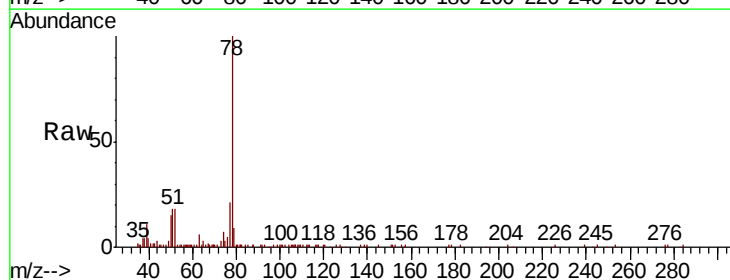
Instrument :
MSVOA_X
ClientSampleId :
PH2-0139

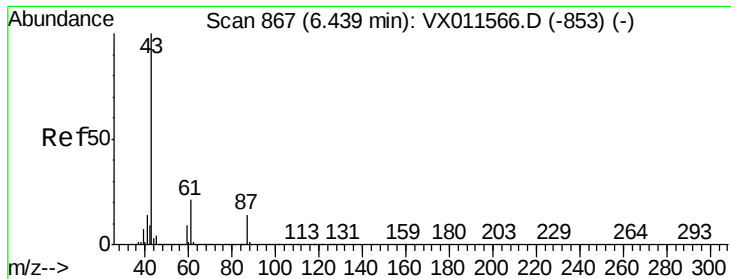
Tgt Ion: 83 Resp: 3750820
Ion Ratio Lower Upper
83 100
55 75.4 58.8 88.2
98 48.4 37.8 56.6



#40
Benzene
Concen: 1.717 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

Tgt Ion: 78 Resp: 29031
Ion Ratio Lower Upper
78 100
77 20.6 18.6 28.0





#43

Isopropyl Acetate

Concen: 4.980 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

PH2-0139

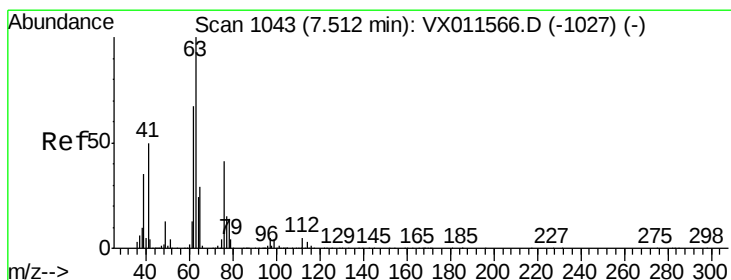
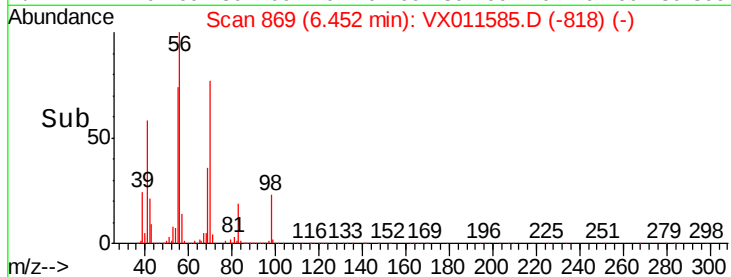
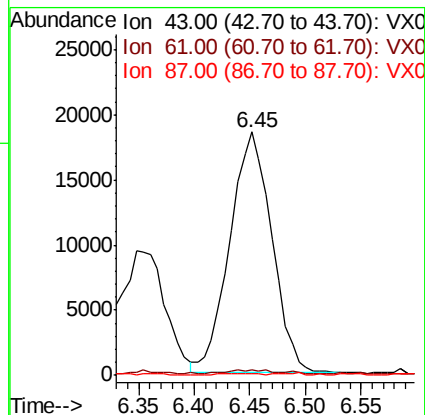
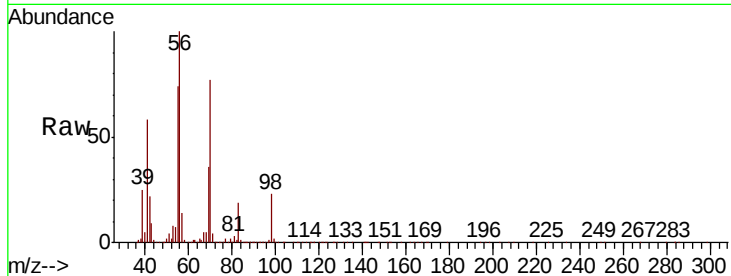
Tgt Ion: 43 Resp: 48648

Ion Ratio Lower Upper

43 100

61 0.8 16.6 24.8#

87 0.0 11.4 17.2#



#45

1,2-Dichloropropane

Concen: 7.312 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.05 min

Lab File: VX011585.D

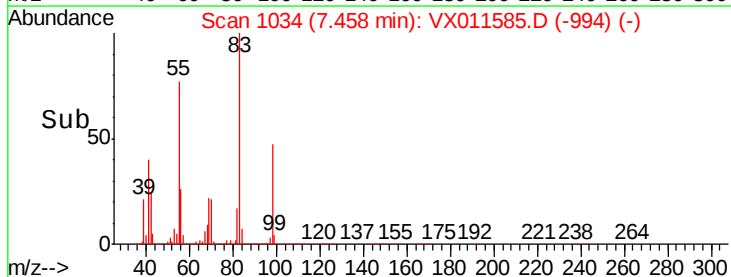
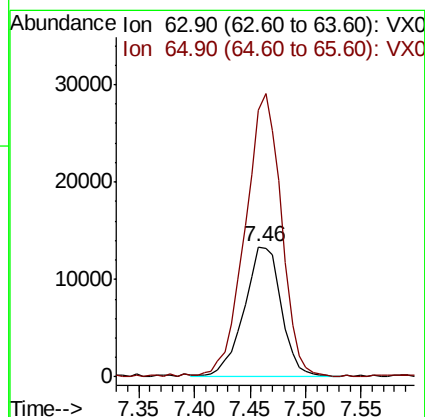
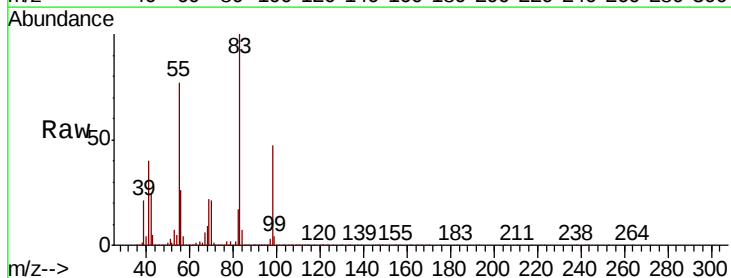
Acq: 16 Aug 2019 16:48

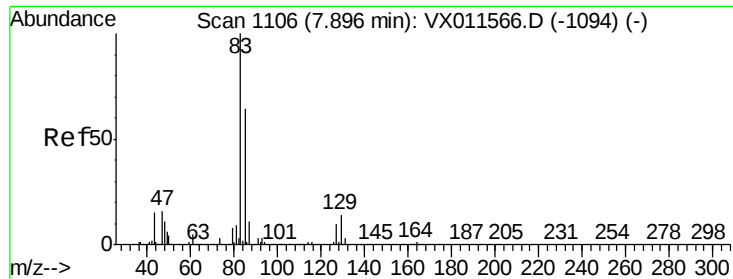
Tgt Ion: 63 Resp: 30838

Ion Ratio Lower Upper

63 100

65 205.1 23.4 35.2#





#47

Bromodichloromethane

Concen: 0.703 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Instrument :

MSVOA_X

ClientSampled :

PH2-0139

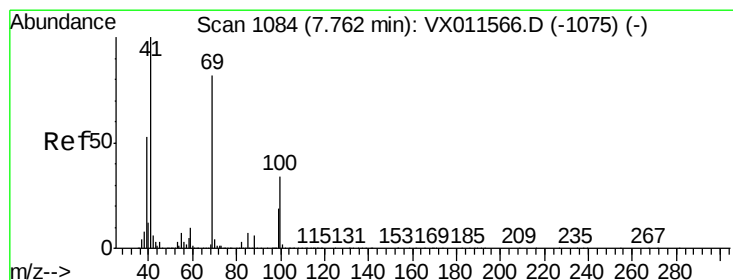
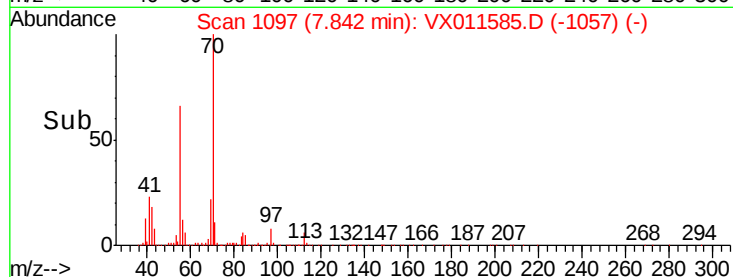
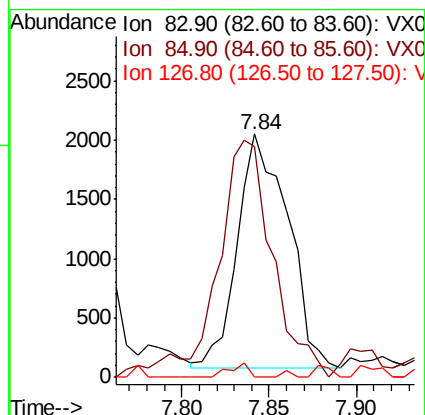
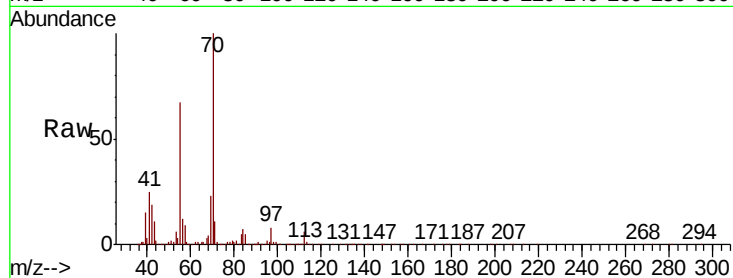
Tgt Ion: 83 Resp: 3956

Ion Ratio Lower Upper

83 100

85 93.2 51.2 76.8#

127 0.0 8.1 12.1#



#48

Methyl methacrylate

Concen: 30.182 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.03 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

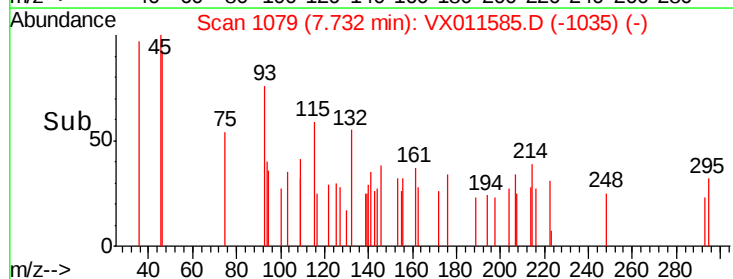
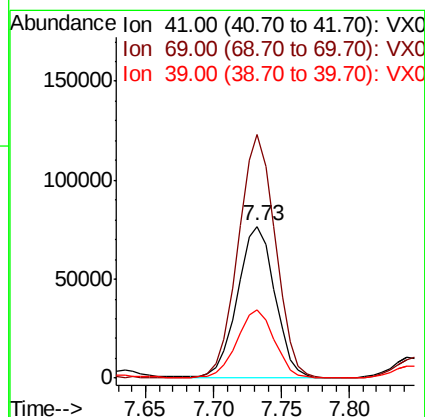
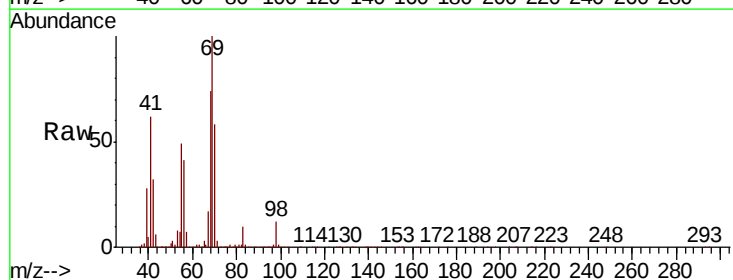
Tgt Ion: 41 Resp: 146006

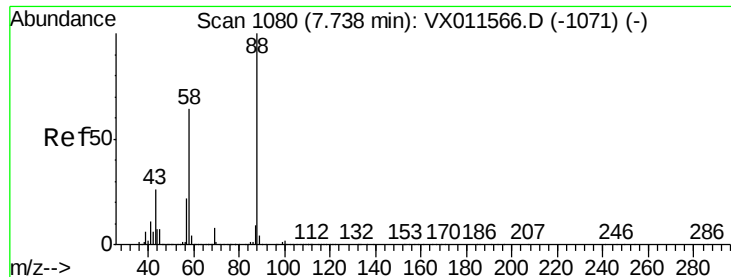
Ion Ratio Lower Upper

41 100

69 159.4 67.9 101.9#

39 44.6 41.6 62.4





#49

1,4-Dioxane

Concen: 2.573 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.01 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

PH2-0139

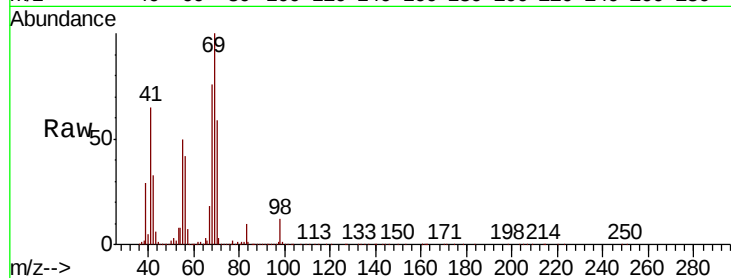
Tgt Ion: 88 Resp: 331

Ion Ratio Lower Upper

88 100

43 4138.7 23.4 35.0#

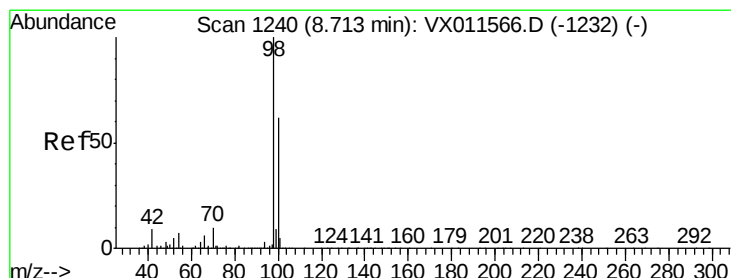
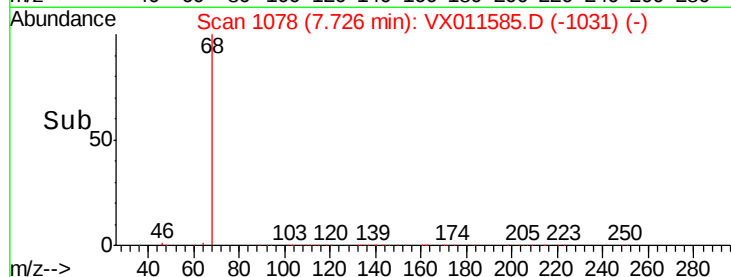
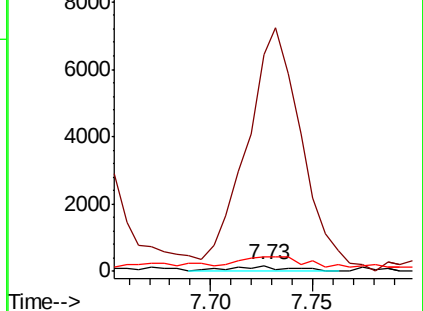
58 204.2 54.3 81.5#



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: 57.350 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011585.D

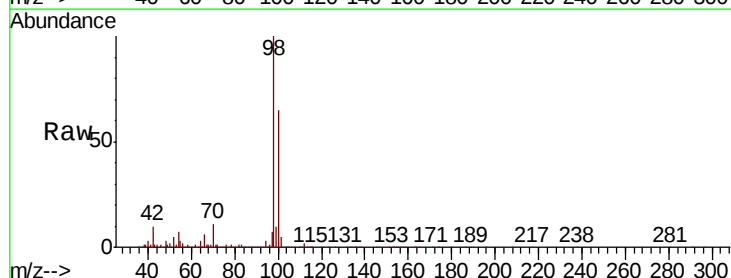
Acq: 16 Aug 2019 16:48

Tgt Ion: 98 Resp: 743941

Ion Ratio Lower Upper

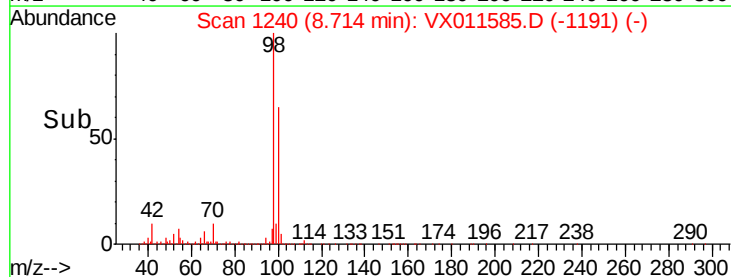
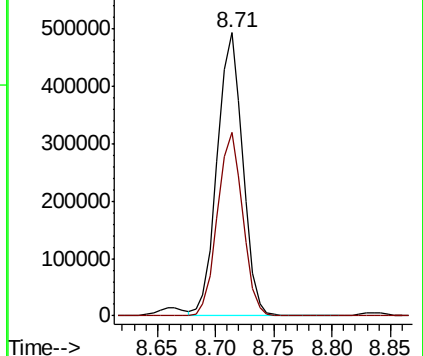
98 100

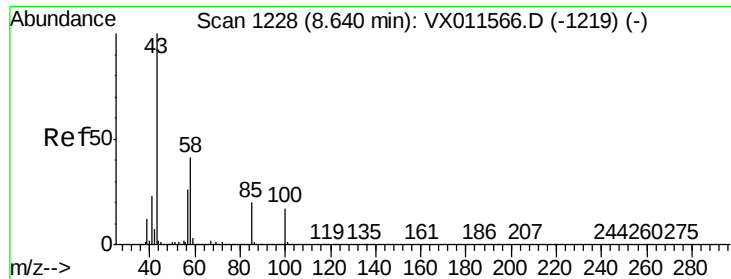
100 64.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

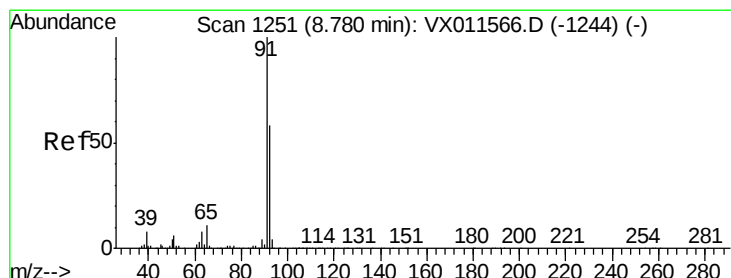
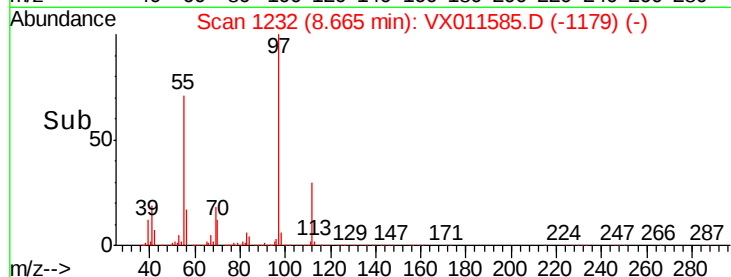
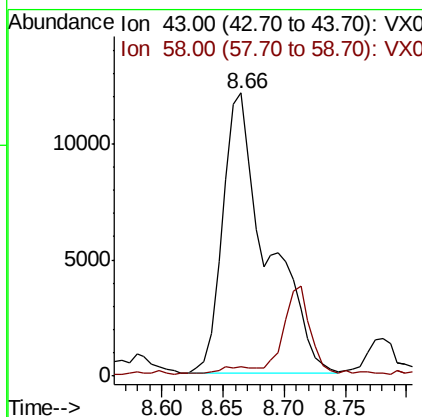
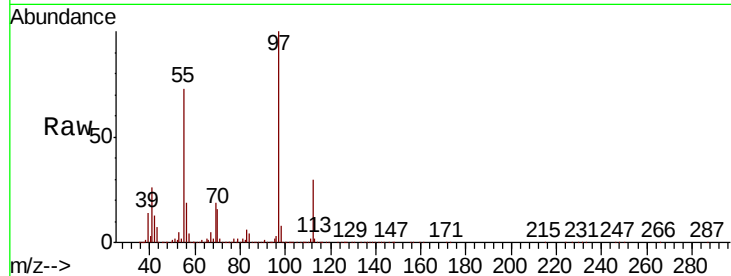




#51
 4-Methyl-2-Pentanone
 Concen: 4.752 ug/l
 RT: 8.66 min Scan# 1232
 Delta R.T. 0.02 min
 Lab File: VX011585.D
 Acq: 16 Aug 2019 16:48

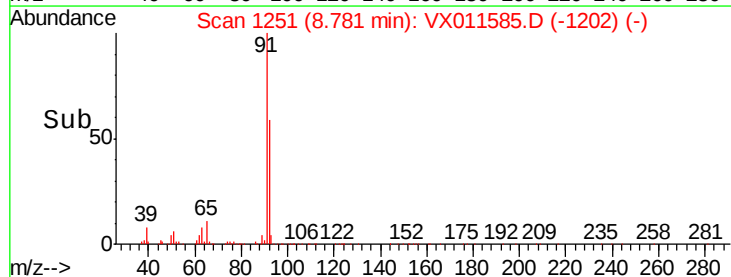
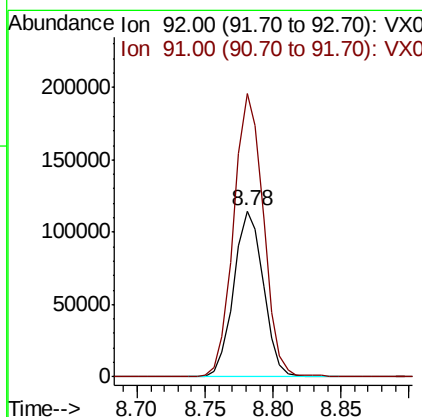
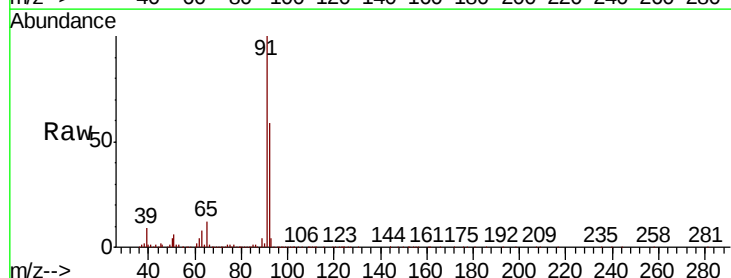
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0139

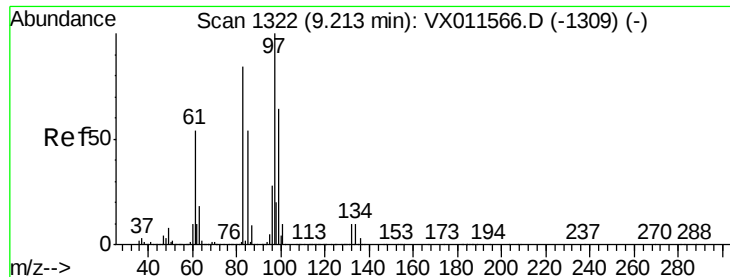
Tgt Ion: 43 Resp: 30383
 Ion Ratio Lower Upper
 43 100
 58 2.3 31.8 47.6#



#52
 Toluene
 Concen: 16.117 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011585.D
 Acq: 16 Aug 2019 16:48

Tgt Ion: 92 Resp: 173646
 Ion Ratio Lower Upper
 92 100
 91 172.0 138.0 207.0





#55

1,1,2-Trichloroethane

Concen: 23.154 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

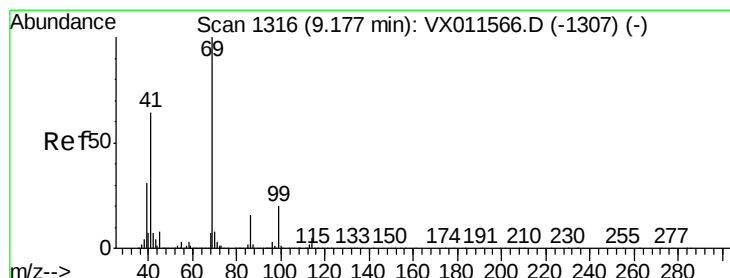
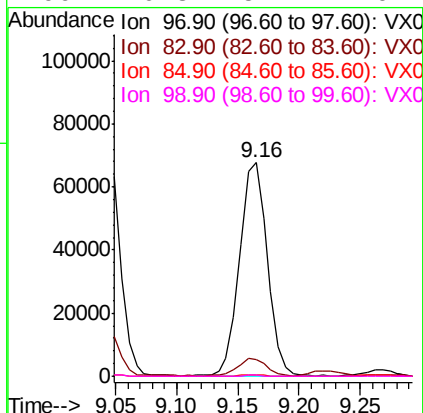
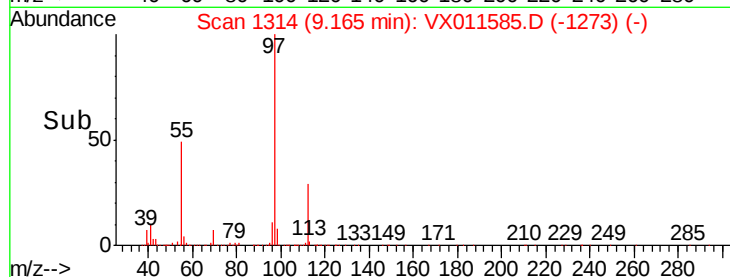
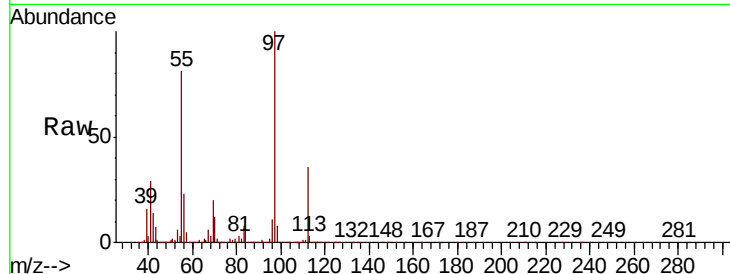
Instrument :

MSVOA_X

ClientSampled :

PH2-0139

Tgt Ion:	97	Resp:	106087
Ion	Ratio	Lower	Upper
97	100		
83	7.4	67.4	101.0#
85	0.3	43.4	65.2#
99	0.3	51.1	76.7#



#56

Ethyl methacrylate

Concen: 3.197 ug/l

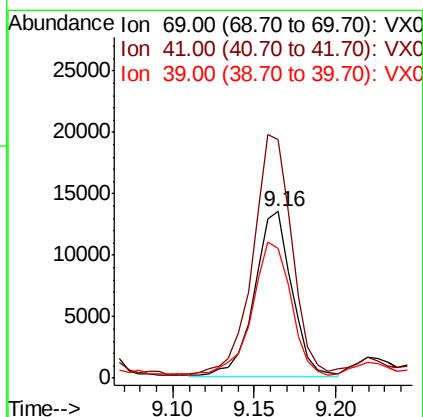
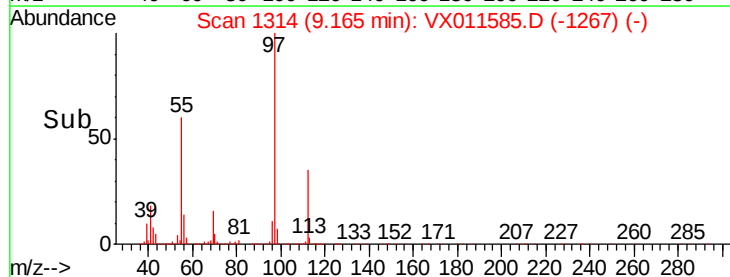
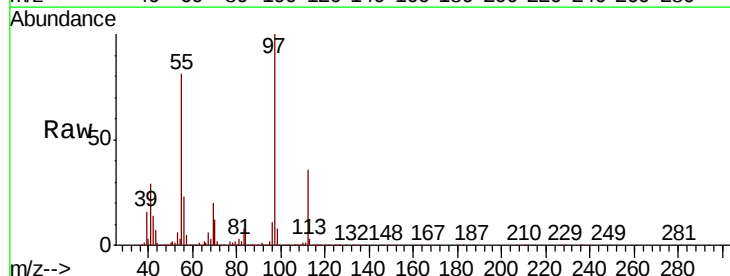
RT: 9.16 min Scan# 1314

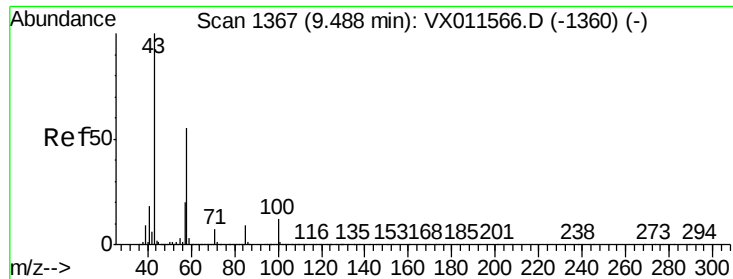
Delta R.T. -0.01 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Tgt Ion:	69	Resp:	21291
Ion	Ratio	Lower	Upper
69	100		
41	151.4	52.1	78.1#
39	84.8	25.4	38.0#

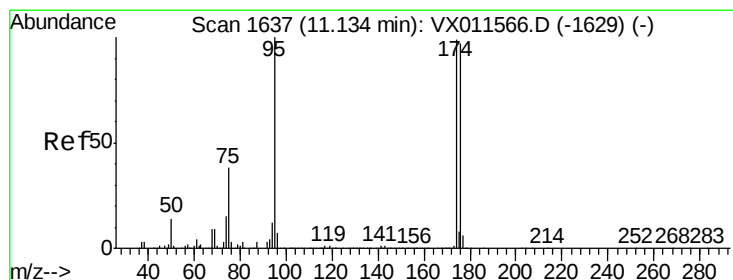
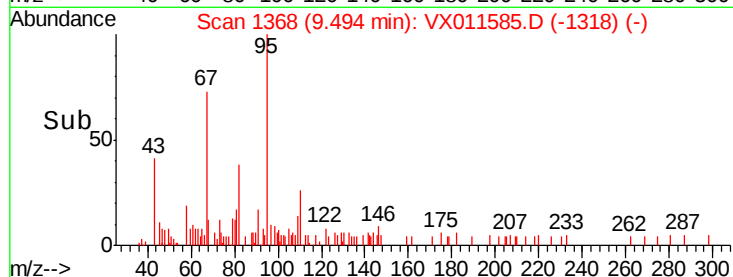
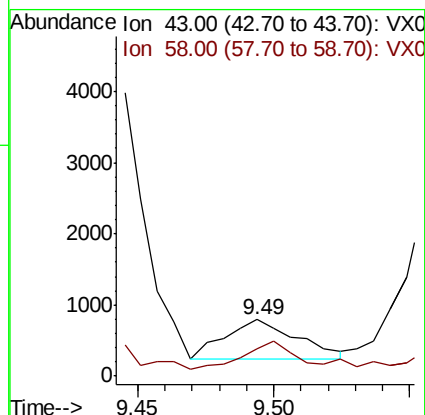
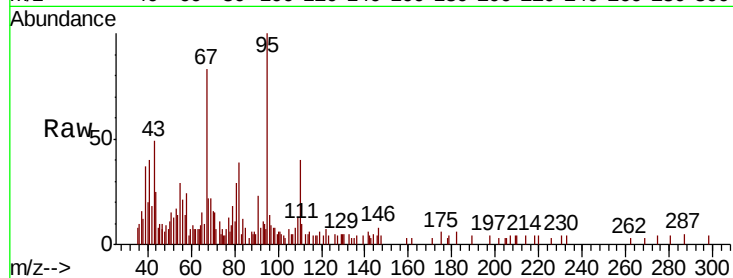




#59
2-Hexanone
Concen: 0.210 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

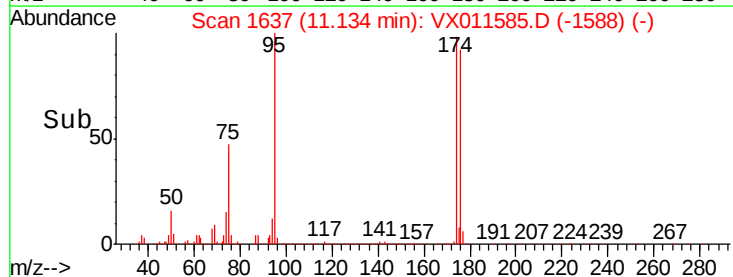
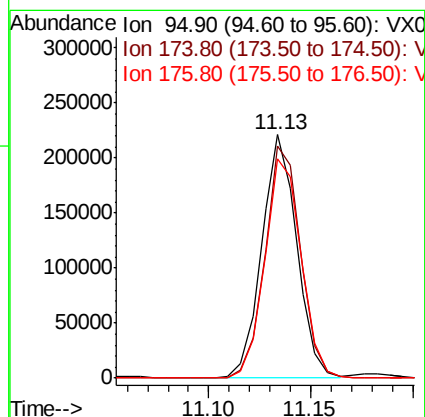
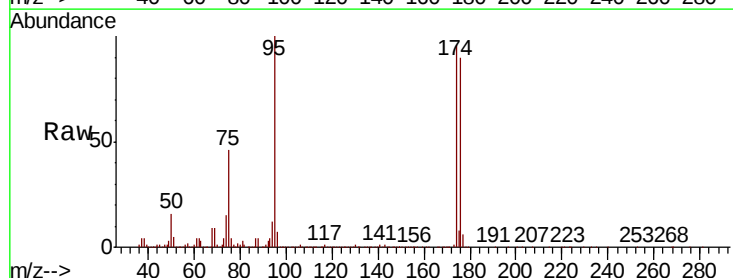
Instrument :
MSVOA_X
ClientSampleId :
PH2-0139

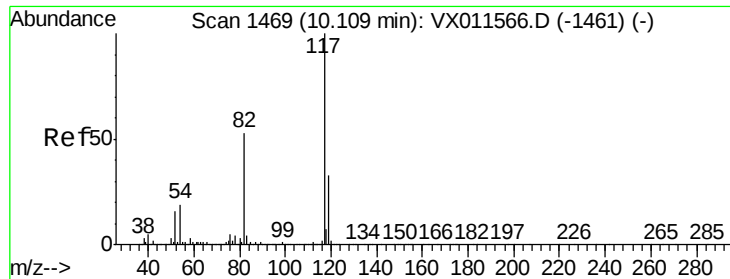
Tgt Ion: 43 Resp: 1034
Ion Ratio Lower Upper
43 100
58 49.7 27.5 82.4



#62
4-Bromofluorobenzene
Concen: 48.304 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

Tgt Ion: 95 Resp: 264474
Ion Ratio Lower Upper
95 100
174 97.3 0.0 200.6
176 94.1 0.0 196.6

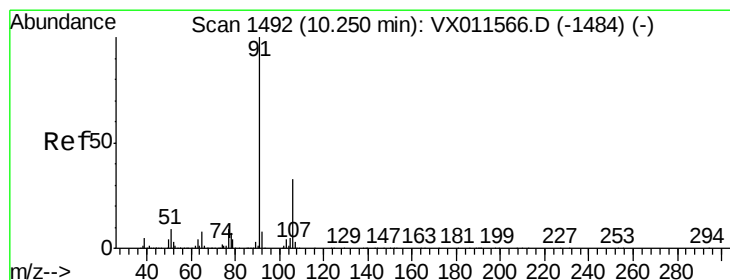
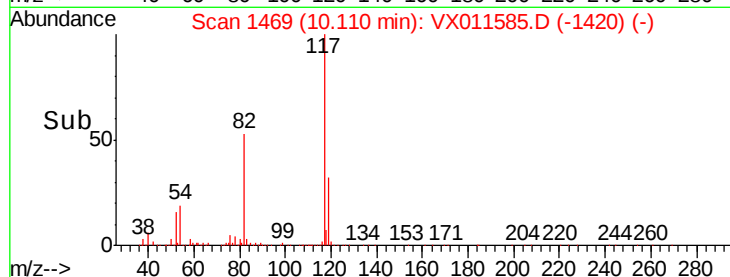
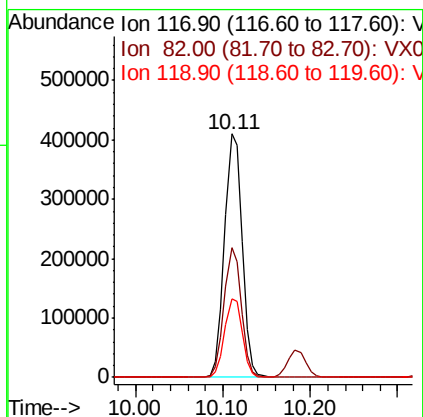
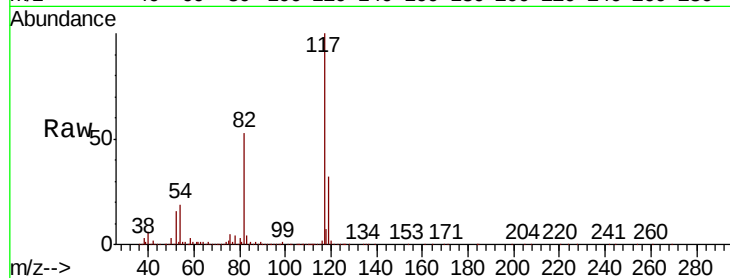




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

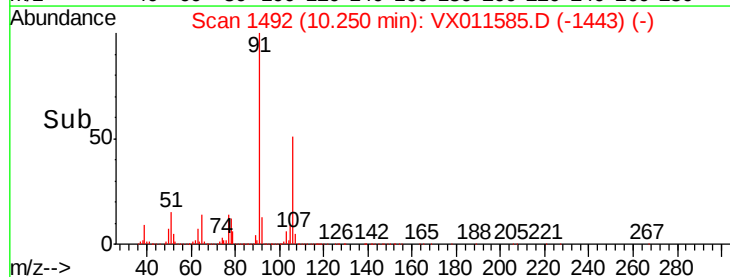
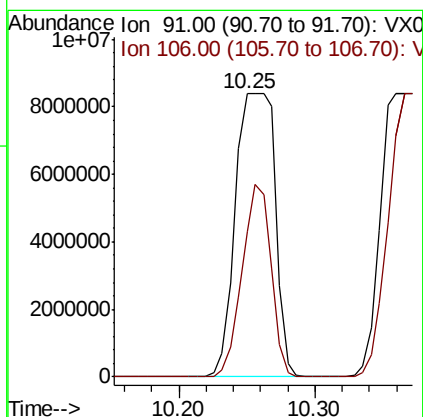
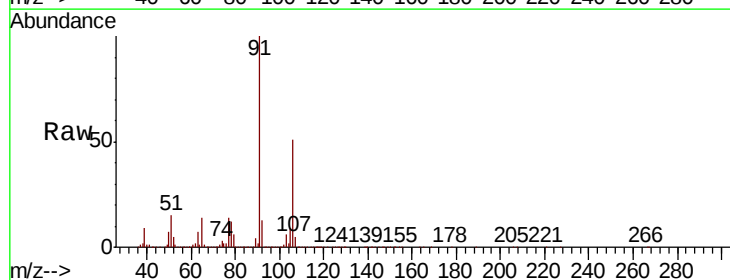
Instrument :
MSVOA_X
ClientSampled :
PH2-0139

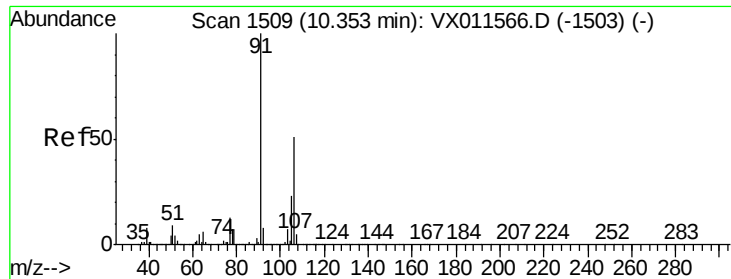
Tgt Ion:117 Resp: 572458
Ion Ratio Lower Upper
117 100
82 53.1 42.0 63.0
119 32.3 26.5 39.7



#67
Ethyl Benzene
Concen: 839.312 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

Tgt Ion: 91 Resp:17102946
Ion Ratio Lower Upper
91 100
106 51.3 26.0 39.0#

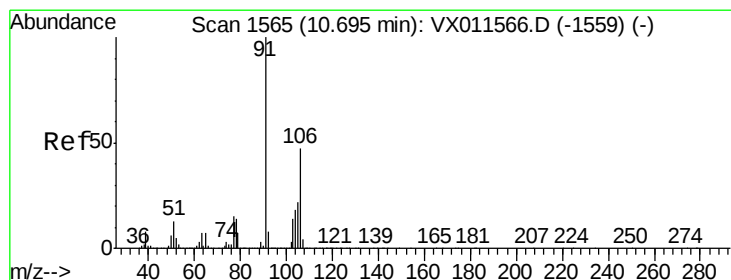
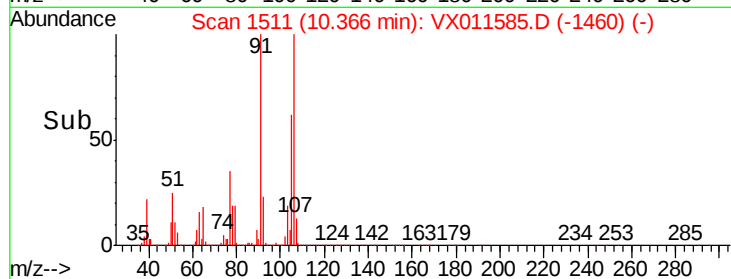
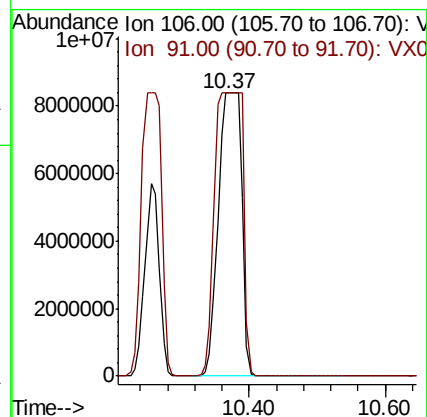
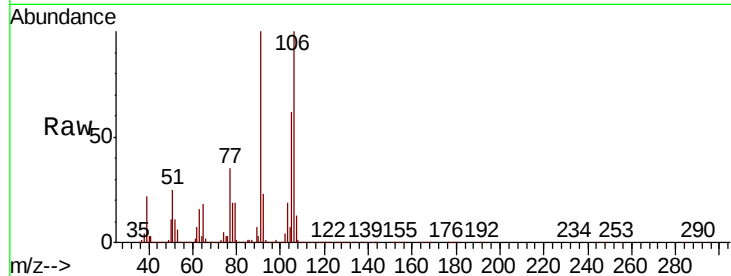




#68
m/p-Xylenes
Concen: 2552.311 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

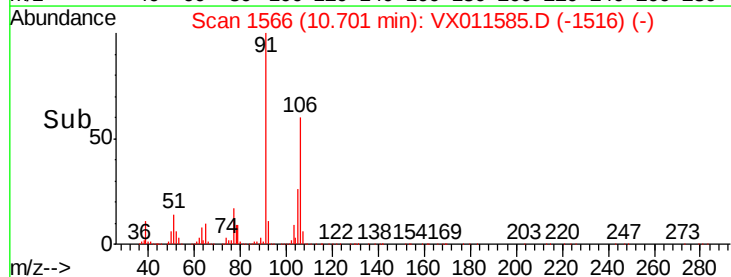
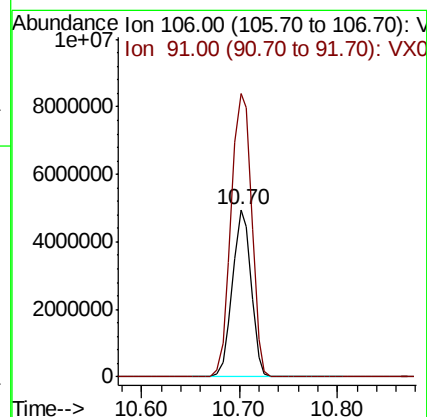
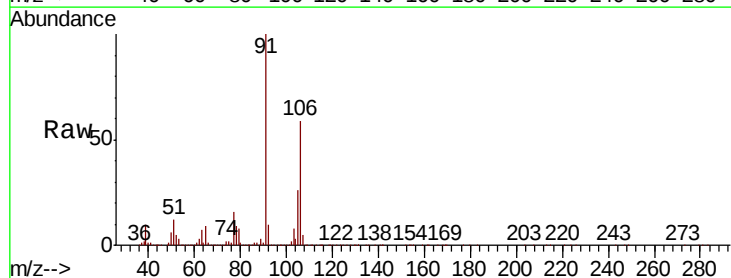
Instrument :
MSVOA_X
ClientSampleId :
PH2-0139

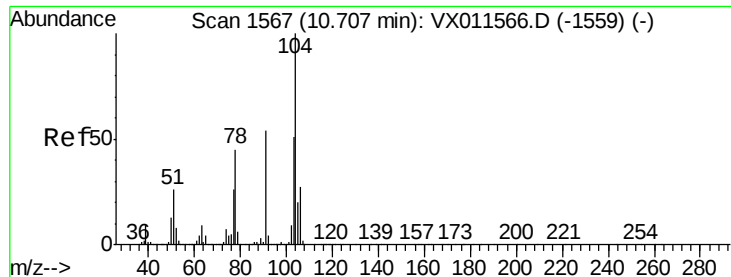
Tgt Ion:106 Resp:19963911
Ion Ratio Lower Upper
106 100
91 0.0 156.0 234.0#



#69
o-Xylene
Concen: 859.736 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

Tgt Ion:106 Resp: 6587130
Ion Ratio Lower Upper
106 100
91 186.8 105.5 316.4





#70

Styrene

Concen: 25.838 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

PH2-0139

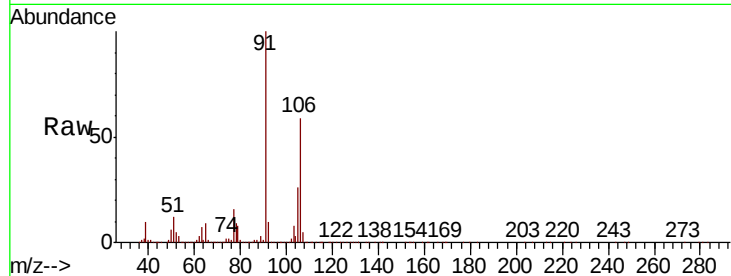
Tgt Ion:104 Resp: 333262

Ion Ratio Lower Upper

104 100

78 284.0 38.2 57.4#

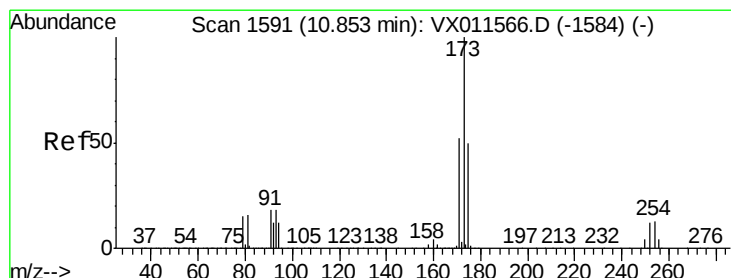
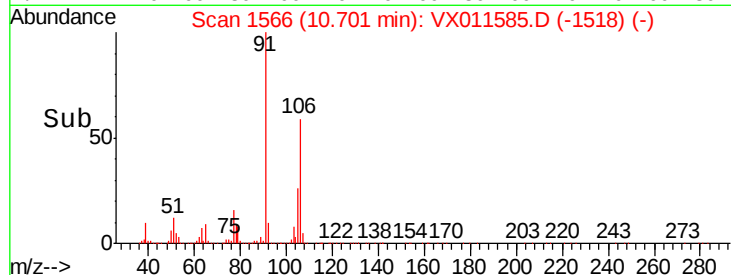
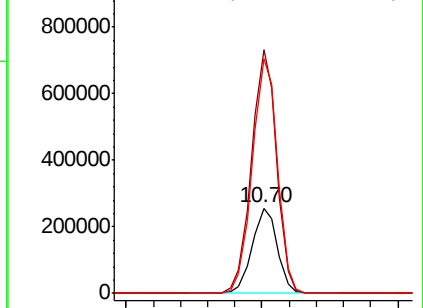
103 276.2 43.6 65.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 3.326 ug/l

RT: 10.85 min Scan# 1590

Delta R.T. -0.01 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

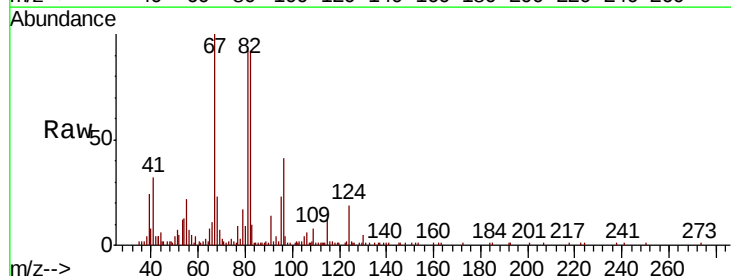
Tgt Ion:173 Resp: 165

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

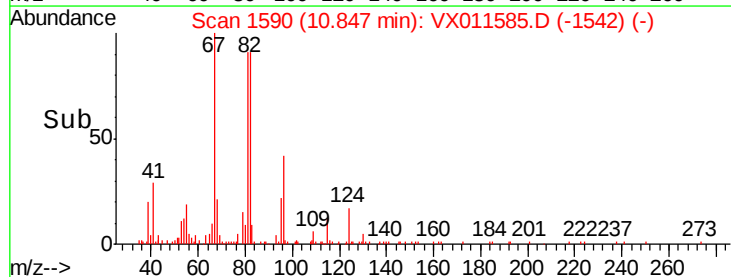
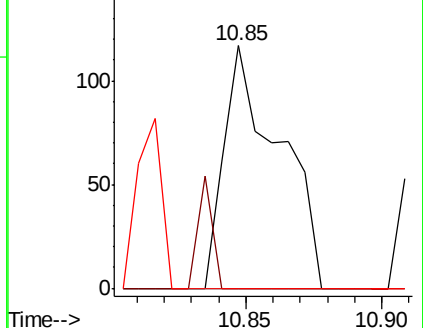
254 0.0 0.1 0.1#

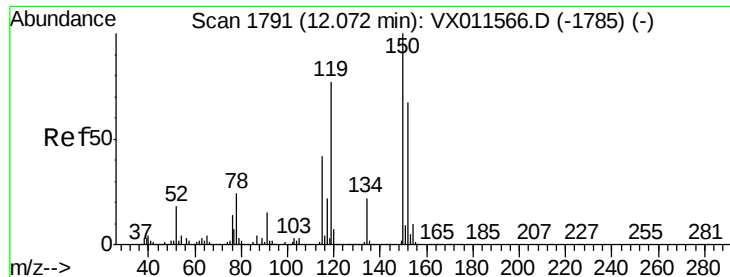


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



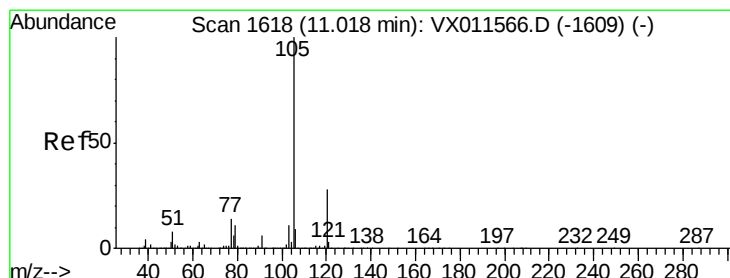
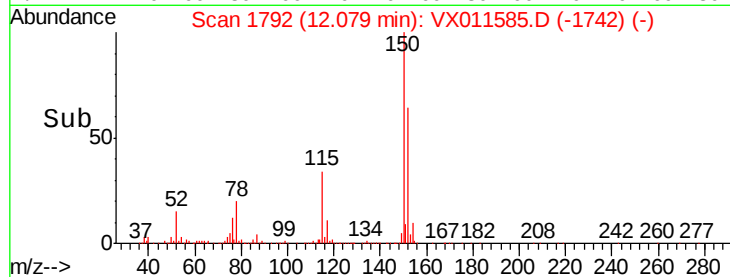
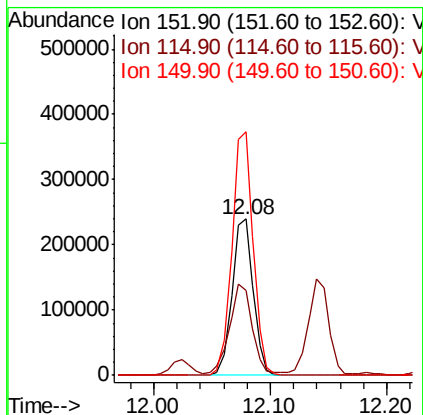
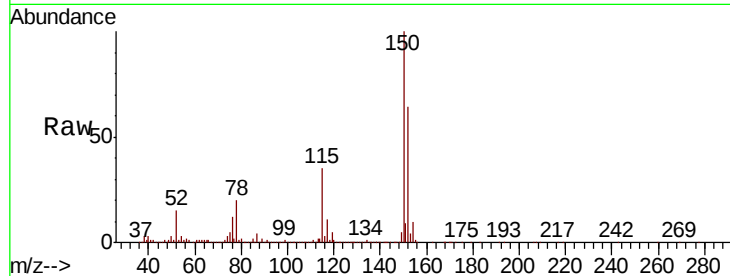


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

Instrument :
MSVOA_X
ClientSampleId :
PH2-0139

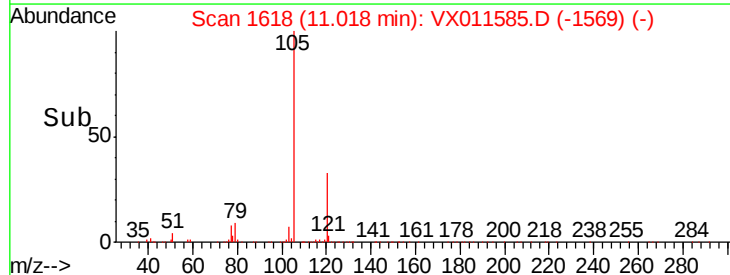
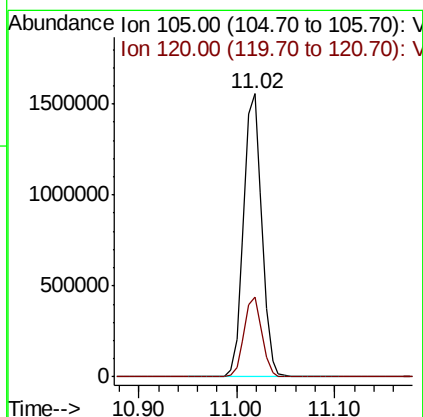
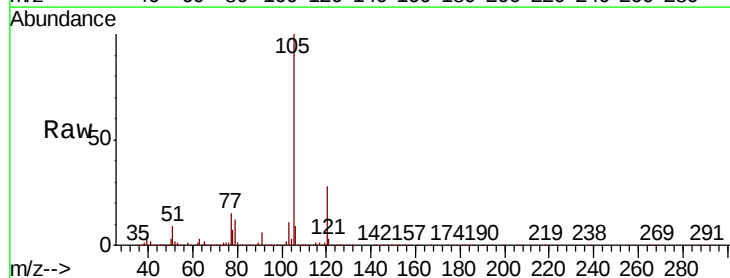
Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	37.3	111.9
150	156.3	0.0	346.2

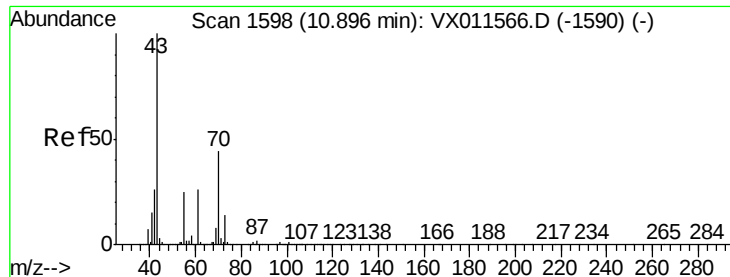


#73

Isopropylbenzene
Concen: 102.726 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	14.0	41.9





#74

N-ethyl acetate

Concen: 0.386 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

PH2-0139

Tgt Ion: 43 Resp: 3209

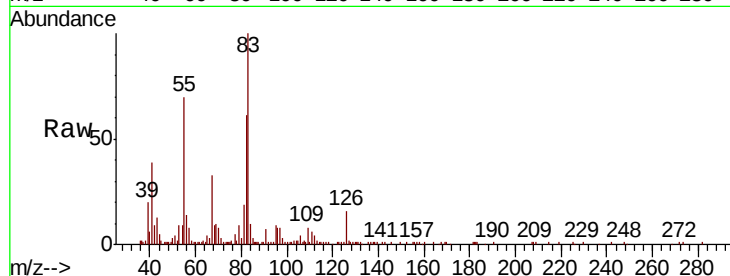
Ion Ratio Lower Upper

43 100

70 68.1 34.7 52.1#

55 534.7 19.6 29.4#

61 0.0 19.9 29.9#

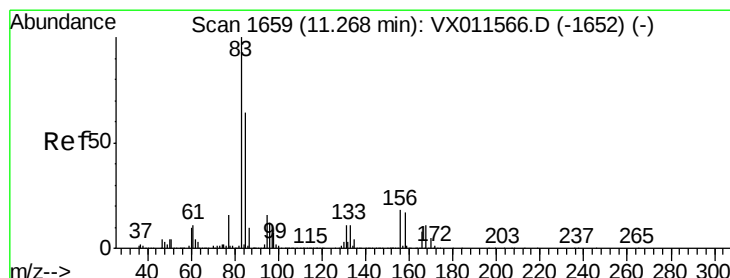
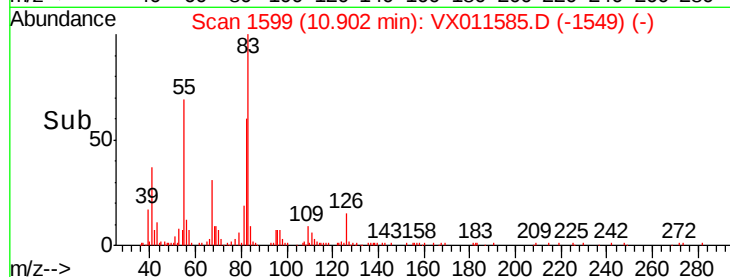
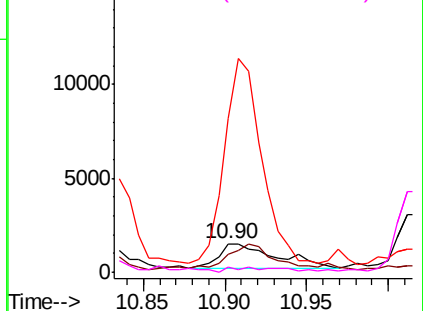


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.422 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

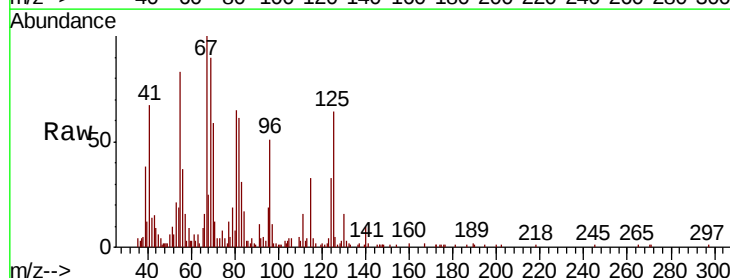
Tgt Ion: 83 Resp: 2839

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.3#

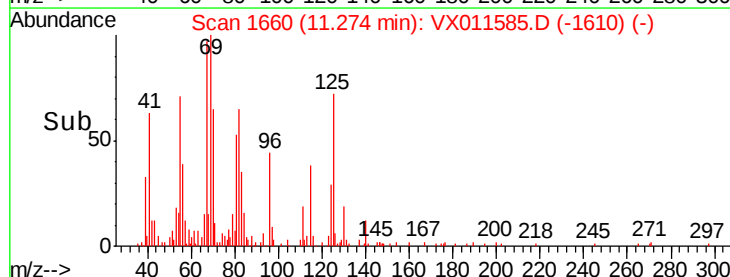
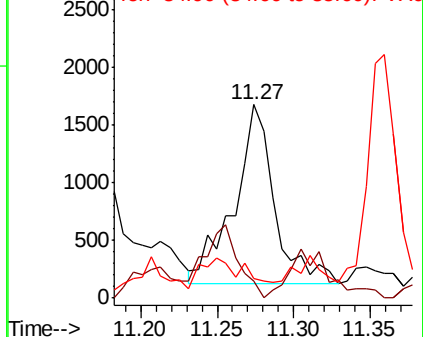
85 0.0 31.9 95.9#

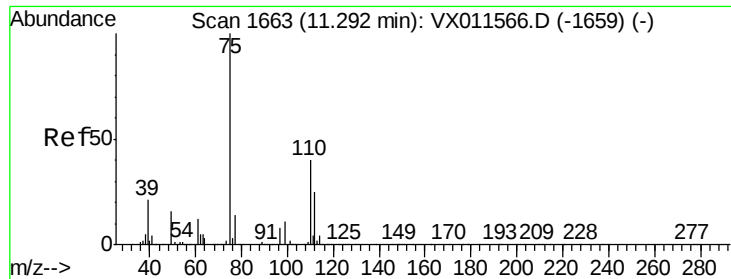


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

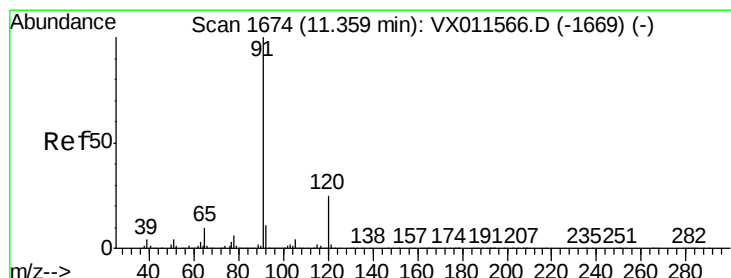
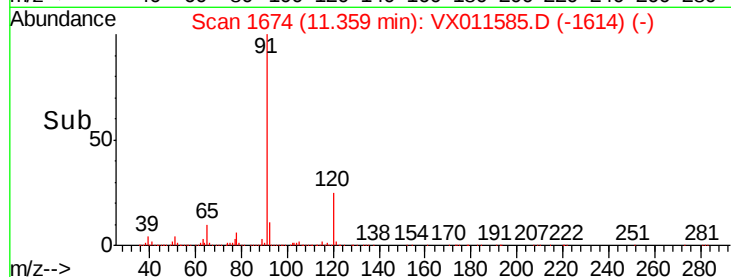
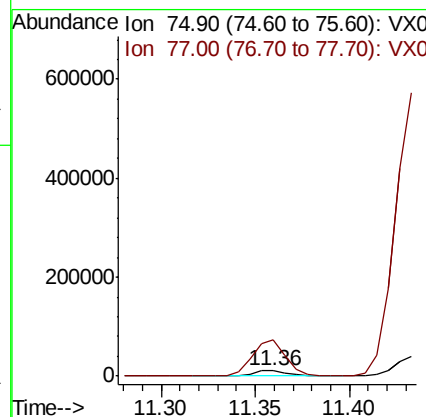
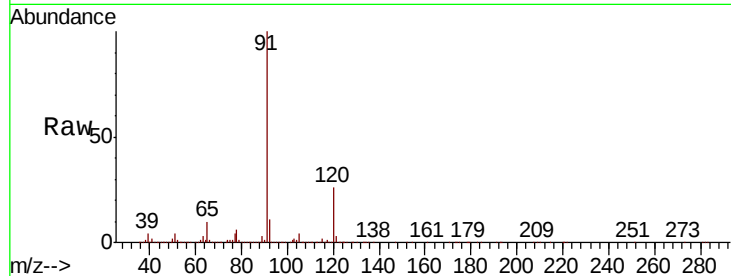




#76
 1,2,3-Trichloropropane
 Concen: 2.310 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.07 min
 Lab File: VX011585.D
 Acq: 16 Aug 2019 16:48

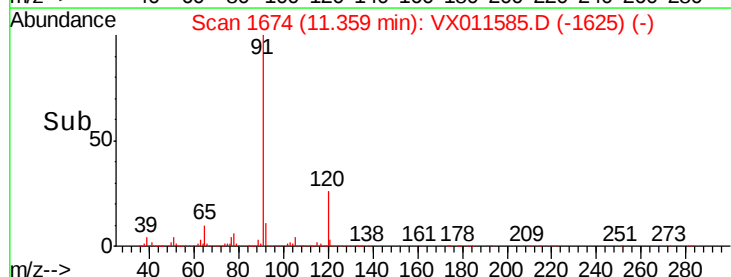
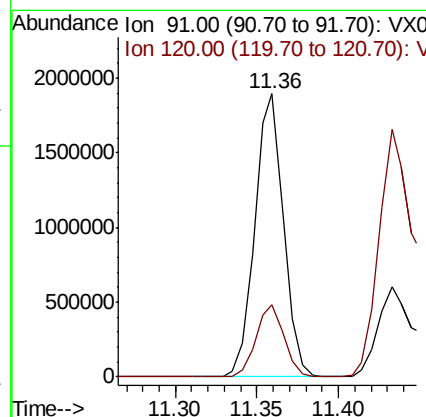
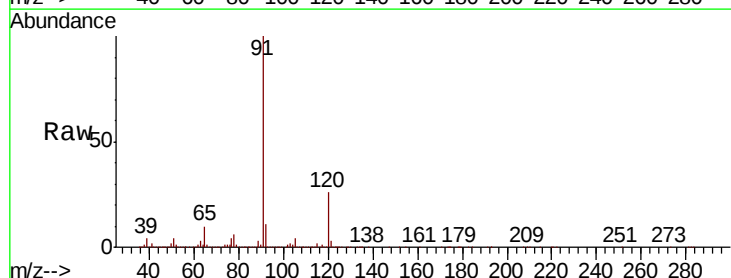
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0139

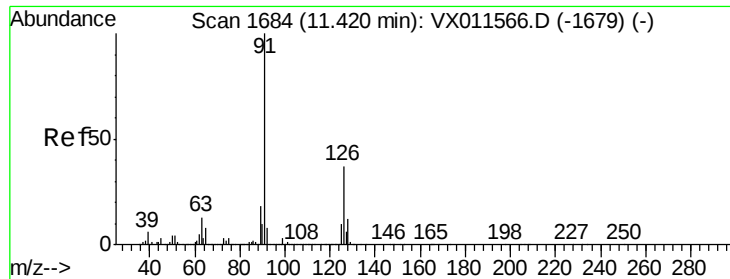
Tgt Ion: 75 Resp: 13206
 Ion Ratio Lower Upper
 75 100
 77 668.3 20.9 62.8#



#78
 n-propylbenzene
 Concen: 109.843 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX011585.D
 Acq: 16 Aug 2019 16:48

Tgt Ion: 91 Resp: 2317358
 Ion Ratio Lower Upper
 91 100
 120 25.1 12.6 37.6





#79

2-Chlorotoluene

Concen: 79.295 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

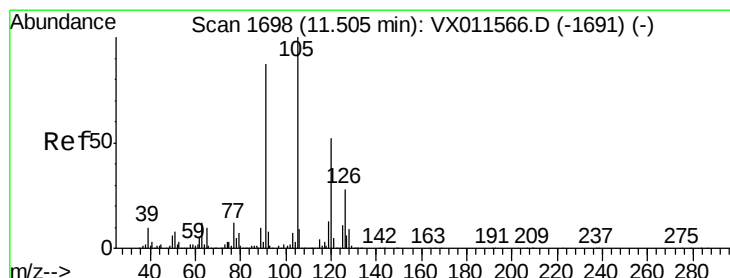
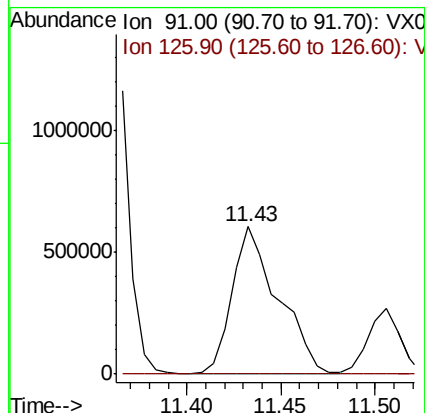
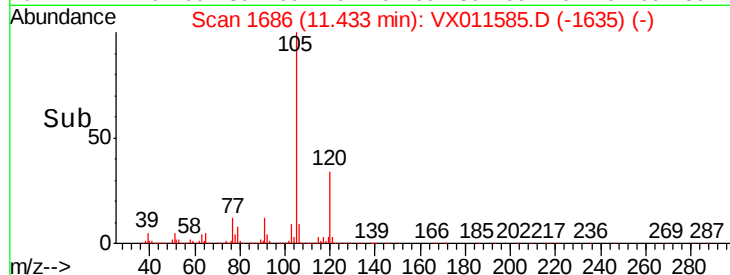
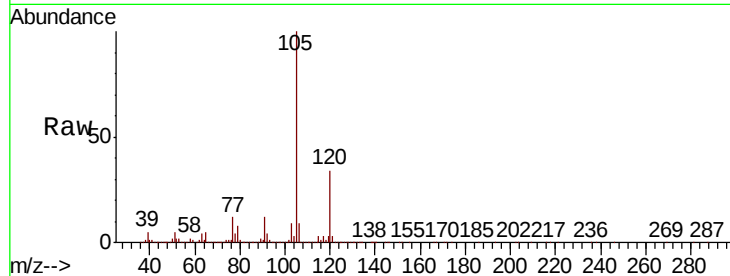
PH2-0139

Tgt Ion: 91 Resp: 1027242

Ion Ratio Lower Upper

91 100

126 0.3 18.4 55.0#



#80

1,3,5-Trimethylbenzene

Concen: 193.493 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011585.D

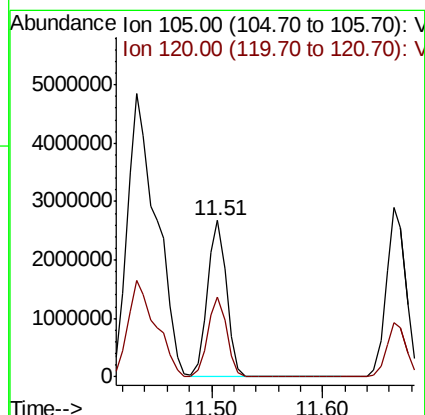
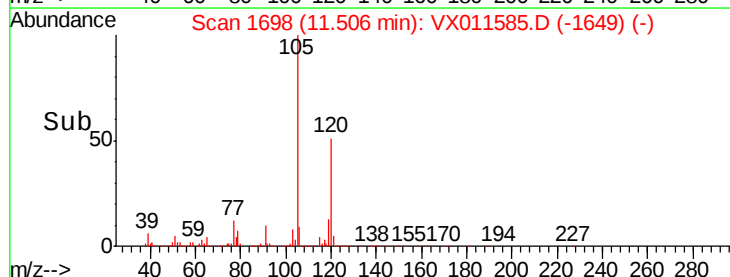
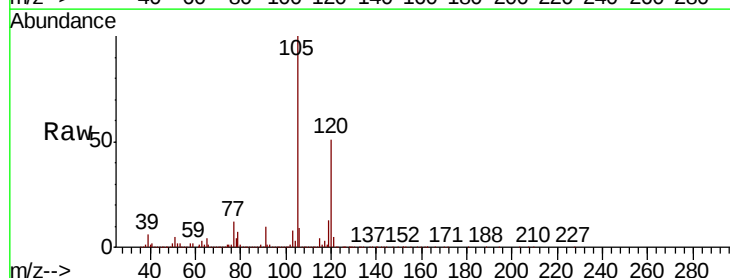
Acq: 16 Aug 2019 16:48

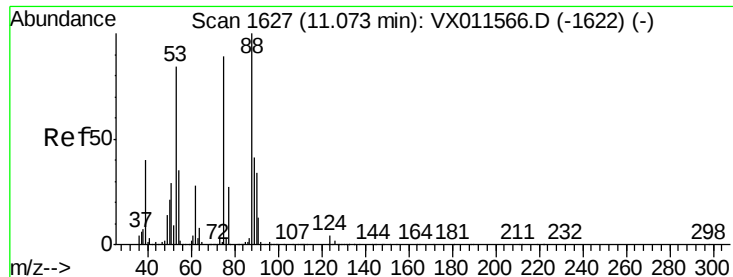
Tgt Ion: 105 Resp: 3180131

Ion Ratio Lower Upper

105 100

120 50.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 14.280 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

PH2-0139

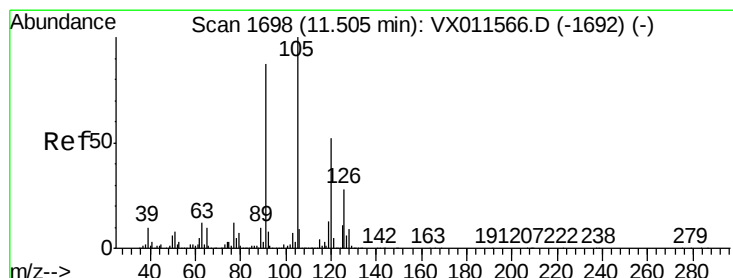
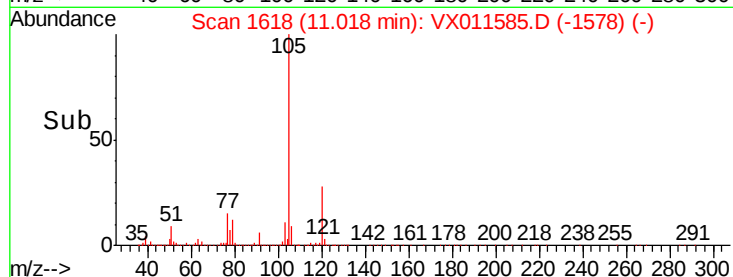
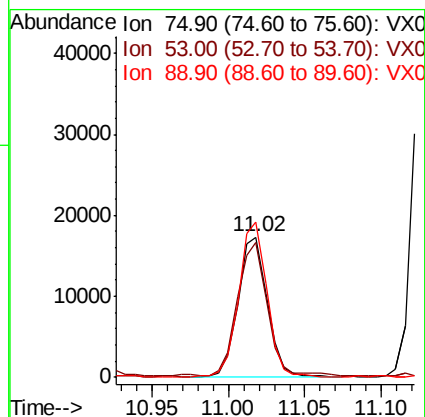
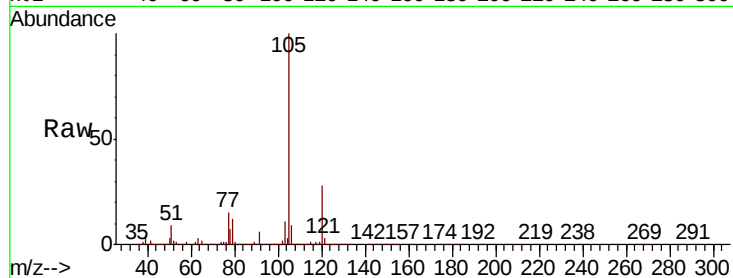
Tgt Ion: 75 Resp: 22709

Ion Ratio Lower Upper

75 100

53 98.6 77.4 116.0

89 106.3 37.3 55.9#



#82

4-Chlorotoluene

Concen: 21.051 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011585.D

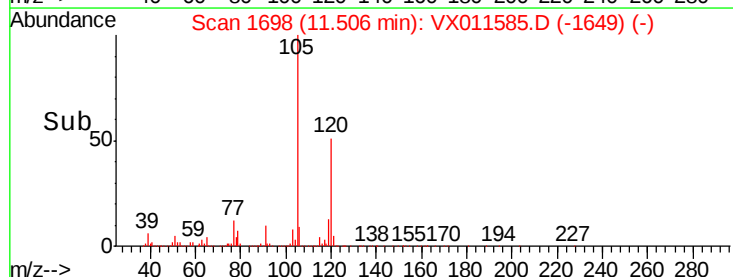
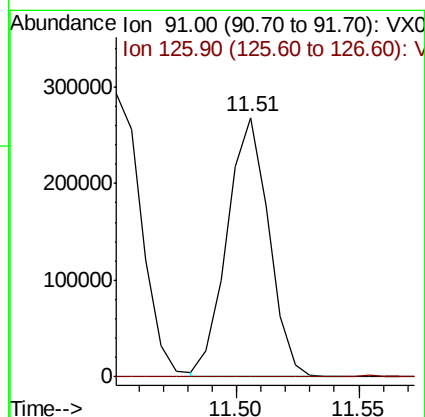
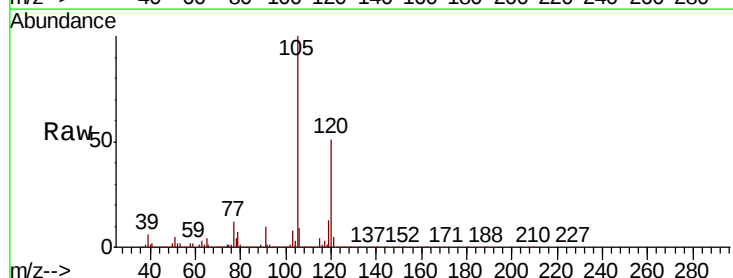
Acq: 16 Aug 2019 16:48

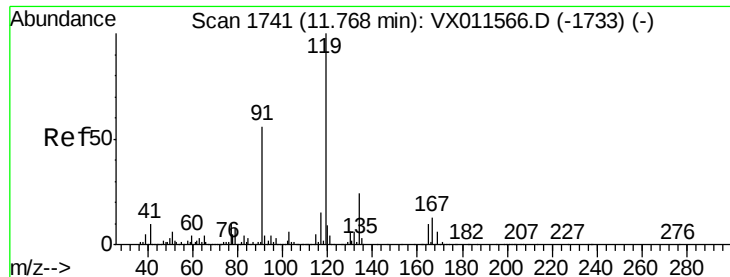
Tgt Ion: 91 Resp: 316379

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#





#83

tert-Butylbenzene

Concen: 68.211 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Instrument :

MSVOA_X

ClientSampled :

PH2-0139

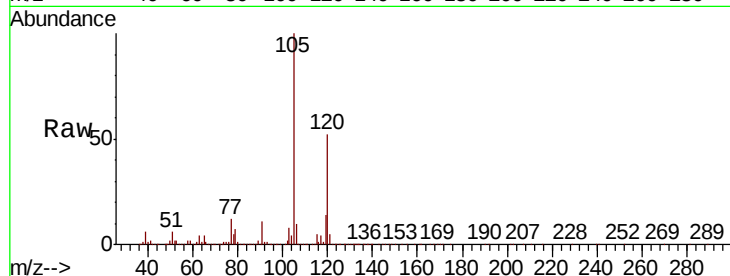
Tgt Ion:119 Resp: 1141787

Ion Ratio Lower Upper

119 100

91 79.7 27.1 81.3

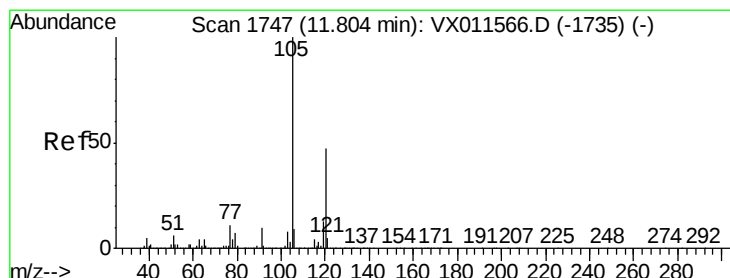
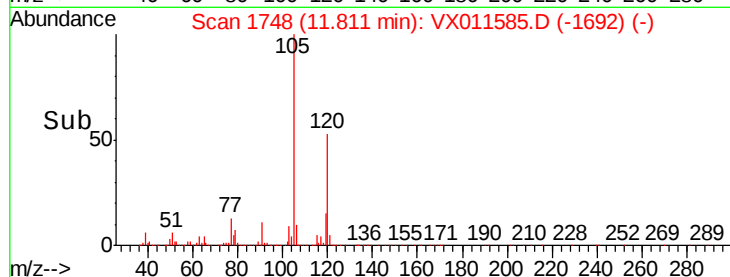
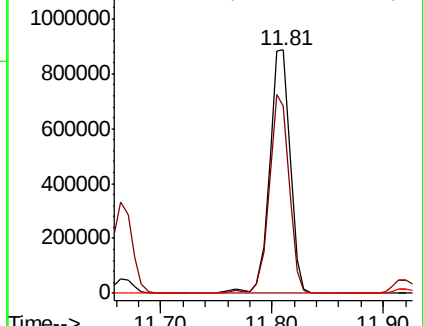
134 0.0 11.8 35.3#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 504.286 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011585.D

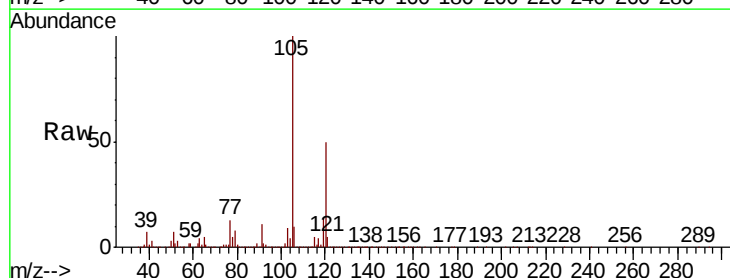
Acq: 16 Aug 2019 16:48

Tgt Ion:105 Resp: 8320641

Ion Ratio Lower Upper

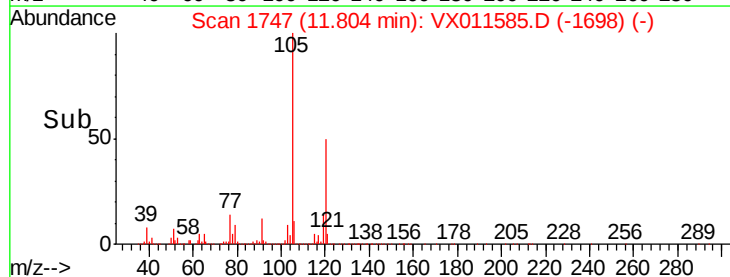
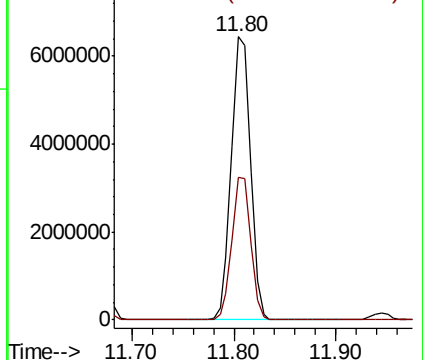
105 100

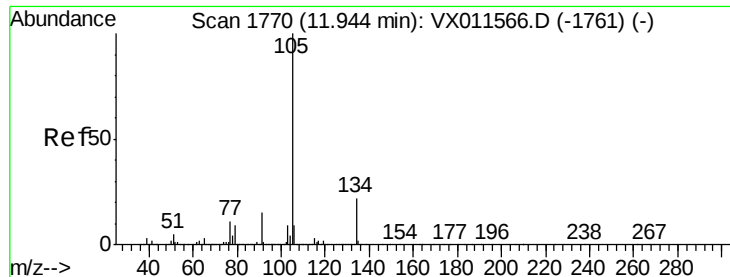
120 49.5 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 440.571 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

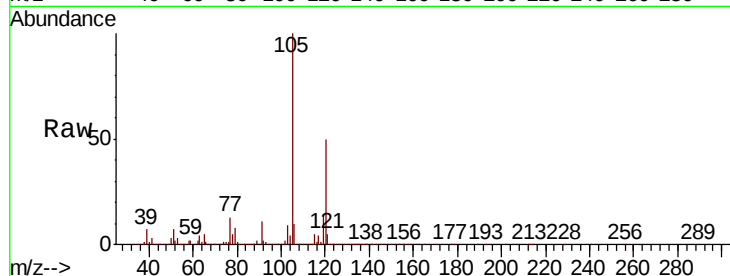
PH2-0139

Tgt Ion:105 Resp: 8320475

Ion Ratio Lower Upper

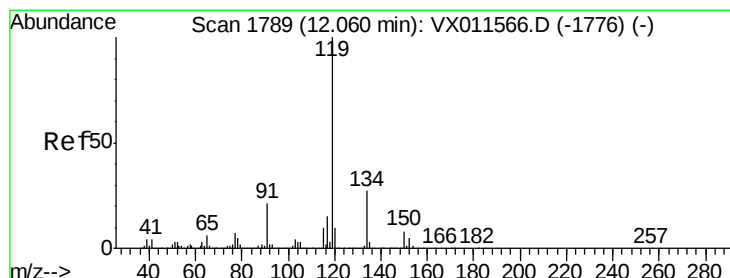
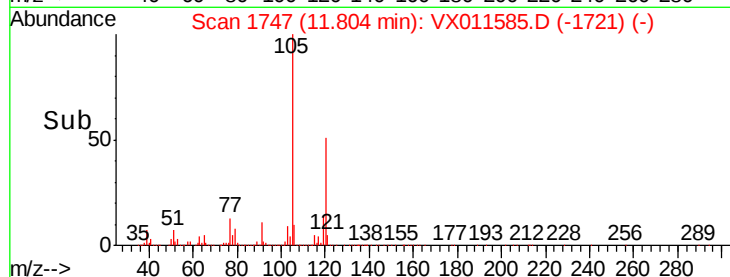
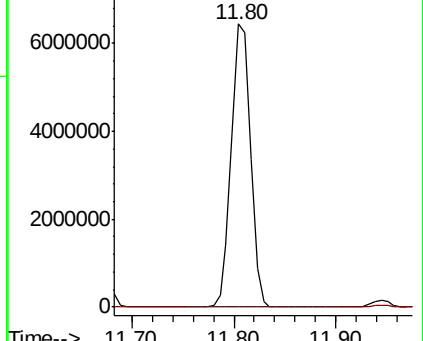
105 100

134 0.0 10.8 32.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 12.167 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011585.D

Acq: 16 Aug 2019 16:48

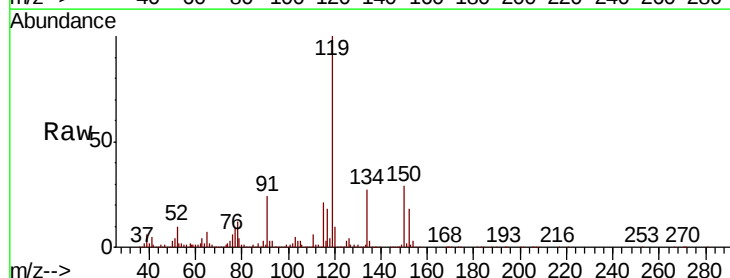
Tgt Ion:119 Resp: 216179

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

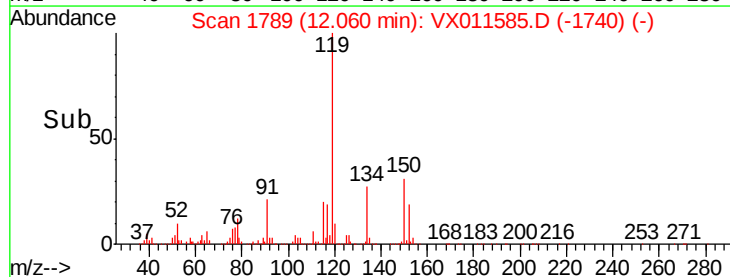
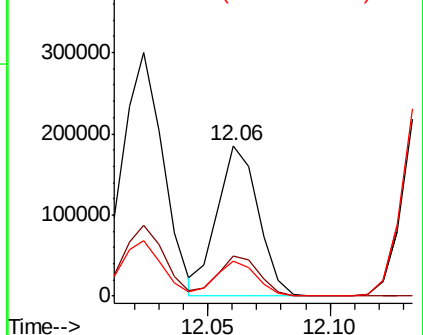
91 22.9 10.9 32.9

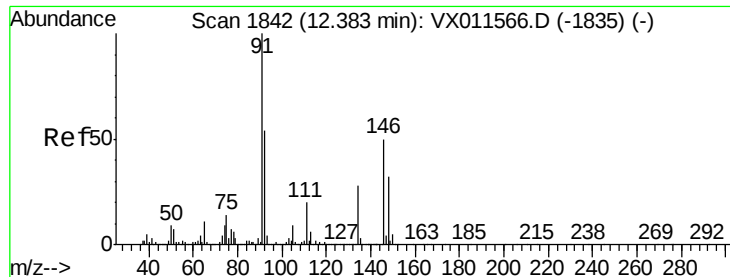


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

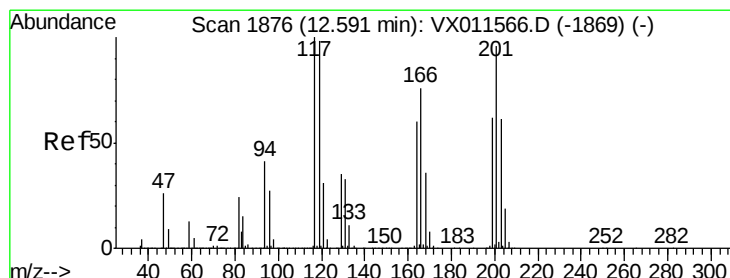
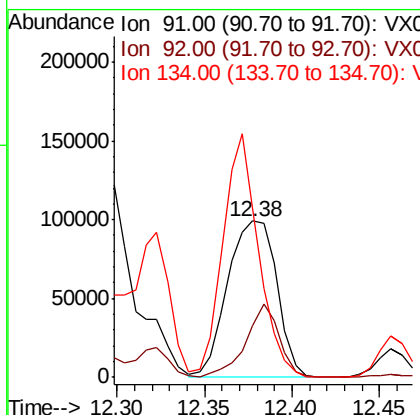
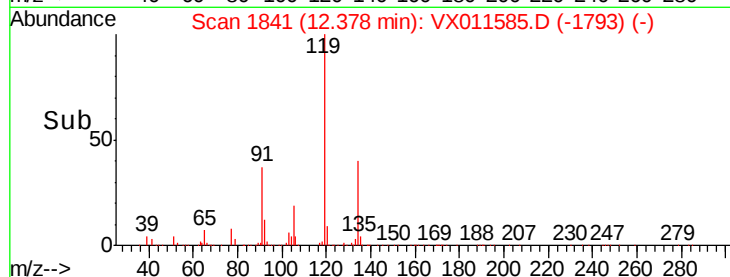
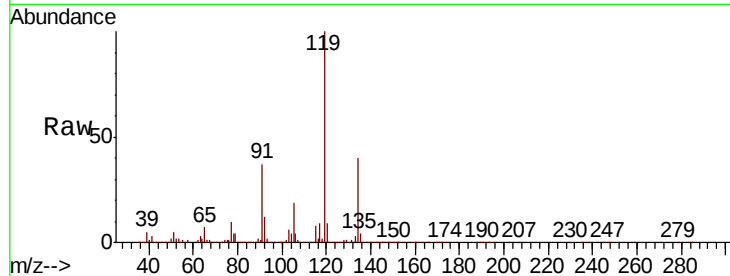




#89
n-Butylbenzene
Concen: 13.171 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

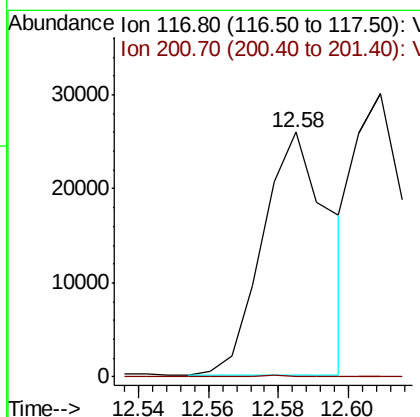
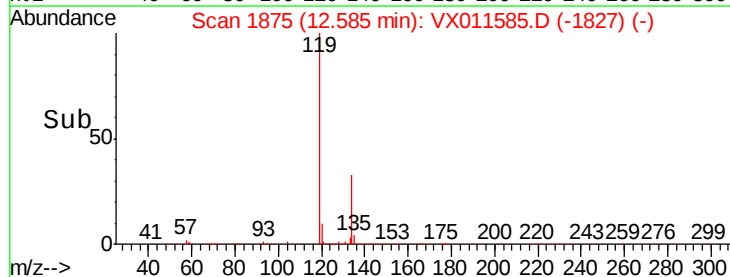
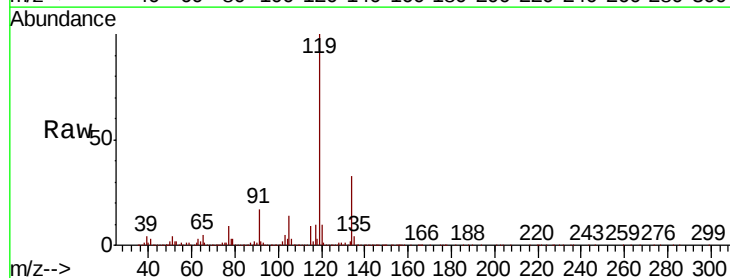
Instrument :
MSVOA_X
ClientSampled :
PH2-0139

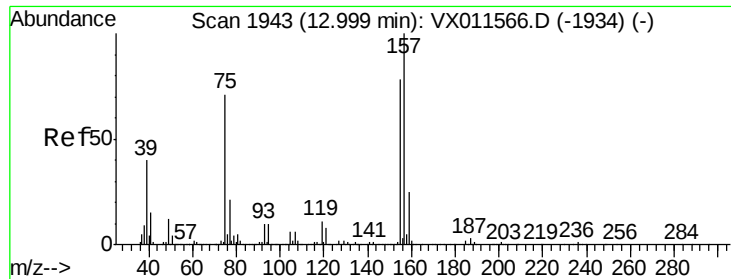
Tgt Ion: 91 Resp: 192390
Ion Ratio Lower Upper
91 100
92 31.8 26.8 80.3
134 113.4 14.6 44.0#



#90
Hexachloroethane
Concen: 12.260 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX011585.D
Acq: 16 Aug 2019 16:48

Tgt Ion: 117 Resp: 34399
Ion Ratio Lower Upper
117 100
201 0.3 51.9 155.7#

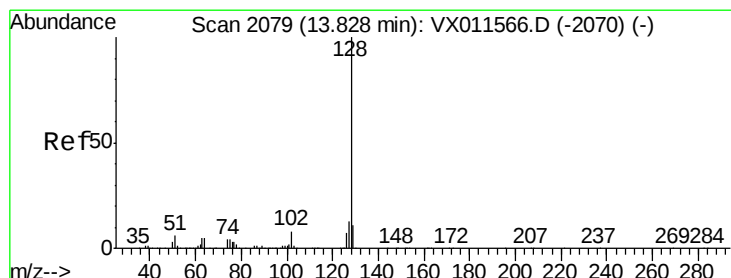
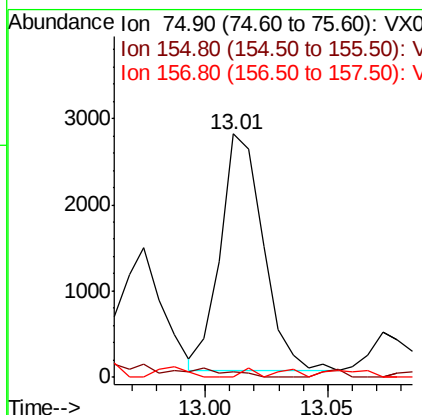
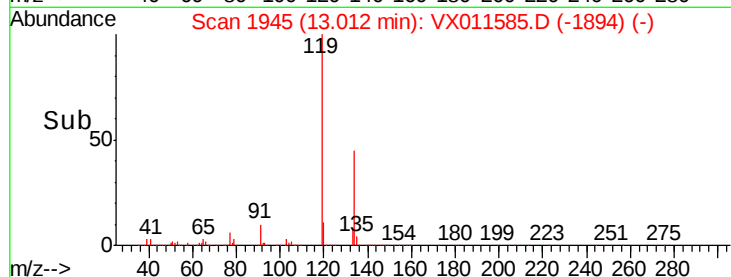
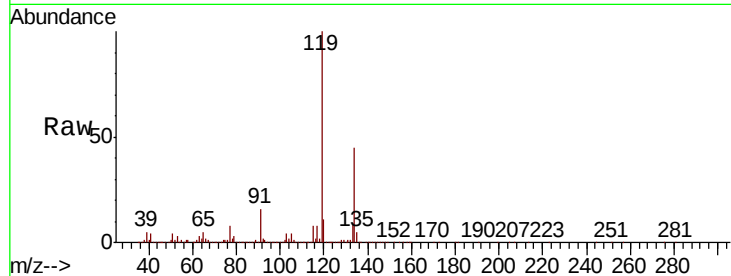




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.156 ug/l
 RT: 13.01 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: VX011585.D
 Acq: 16 Aug 2019 16:48

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0139

Tgt Ion: 75 Resp: 3320
 Ion Ratio Lower Upper
 75 100
 155 0.0 53.0 159.0#
 157 1.2 68.3 205.1#



#95
 Naphthalene
 Concen: 219.818 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX011585.D
 Acq: 16 Aug 2019 16:48

Tgt Ion: 128 Resp: 4650525
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.3 15.5
 129 11.3 8.7 13.1

