

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081919\
 Data File : VX011641.D
 Acq On : 19 Aug 2019 18:50
 Operator : JC/SP
 Sample : K4351-01DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0142DL

Quant Time: Aug 20 09:43:31 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	451055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	603079	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	513849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	279999	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	204631	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	5.49	113	177150	44.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.82%	
50) Toluene-d8	8.71	98	692165	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	
62) 4-Bromofluorobenzene	11.13	95	248839	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	861	0.462	ug/l	100
6) Chloroethane	1.73	64	536	0.272	ug/l	94
11) Tert butyl alcohol	3.00	59	211	0.206	ug/l #	71
13) Acrolein	2.25	56	1081	15.441	ug/l #	1
15) Acrylonitrile	3.14	53	1526	0.650	ug/l #	73
16) Acetone	2.44	43	966	0.459	ug/l	100
17) Carbon Disulfide	2.56	76	4120	0.455	ug/l #	94
18) Methyl Acetate	2.84	43	5002	0.767	ug/l #	52
20) Methylene Chloride	2.85	84	956	0.216	ug/l #	60
21) trans-1,2-Dichloroethene	3.16	96	1011	0.248	ug/l #	83
25) 2-Butanone	4.69	43	2295	0.695	ug/l #	58
31) Cyclohexane	5.57	56	235391	37.953	ug/l	99
38) Carbon Tetrachloride	5.65	117	38695	6.812	ug/l #	15
39) Methylcyclohexane	7.46	83	207961	32.659	ug/l	97
48) Methyl methacrylate	7.73	41	8530	1.861	ug/l #	48
49) 1,4-Dioxane	7.72	88	228	1.870	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	1734	0.286	ug/l #	36
52) Toluene	8.78	92	361899	35.451	ug/l	99
56) Ethyl methacrylate	9.16	69	1630	0.258	ug/l #	57
67) Ethyl Benzene	10.25	91	2289320	125.160	ug/l	99
68) m/p-Xylenes	10.35	106	2994272	426.469	ug/l	99
69) o-Xylene	10.69	106	346987	50.453	ug/l	99
70) Styrene	10.69	104	17757	1.534	ug/l #	1
71) Bromoform	10.84	173	315	3.365	ug/l #	28
73) Isopropylbenzene	11.02	105	160403	8.829	ug/l	97
76) 1,2,3-Trichloropropane	11.43	75	4704	0.886	ug/l #	1
78) n-propylbenzene	11.36	91	158858	8.109	ug/l	99
79) 2-Chlorotoluene	11.43	91	66002	5.486	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	192686	12.625	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	116008	58.364	ug/l #	11
82) 4-Chlorotoluene	11.51	91	19922	1.427	ug/l #	50
83) tert-Butylbenzene	11.80	119	63446	4.082	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.80	105	487997	31.849	ug/l	100
85) sec-Butylbenzene	11.80	105	487997	27.825	ug/l #	54

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QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

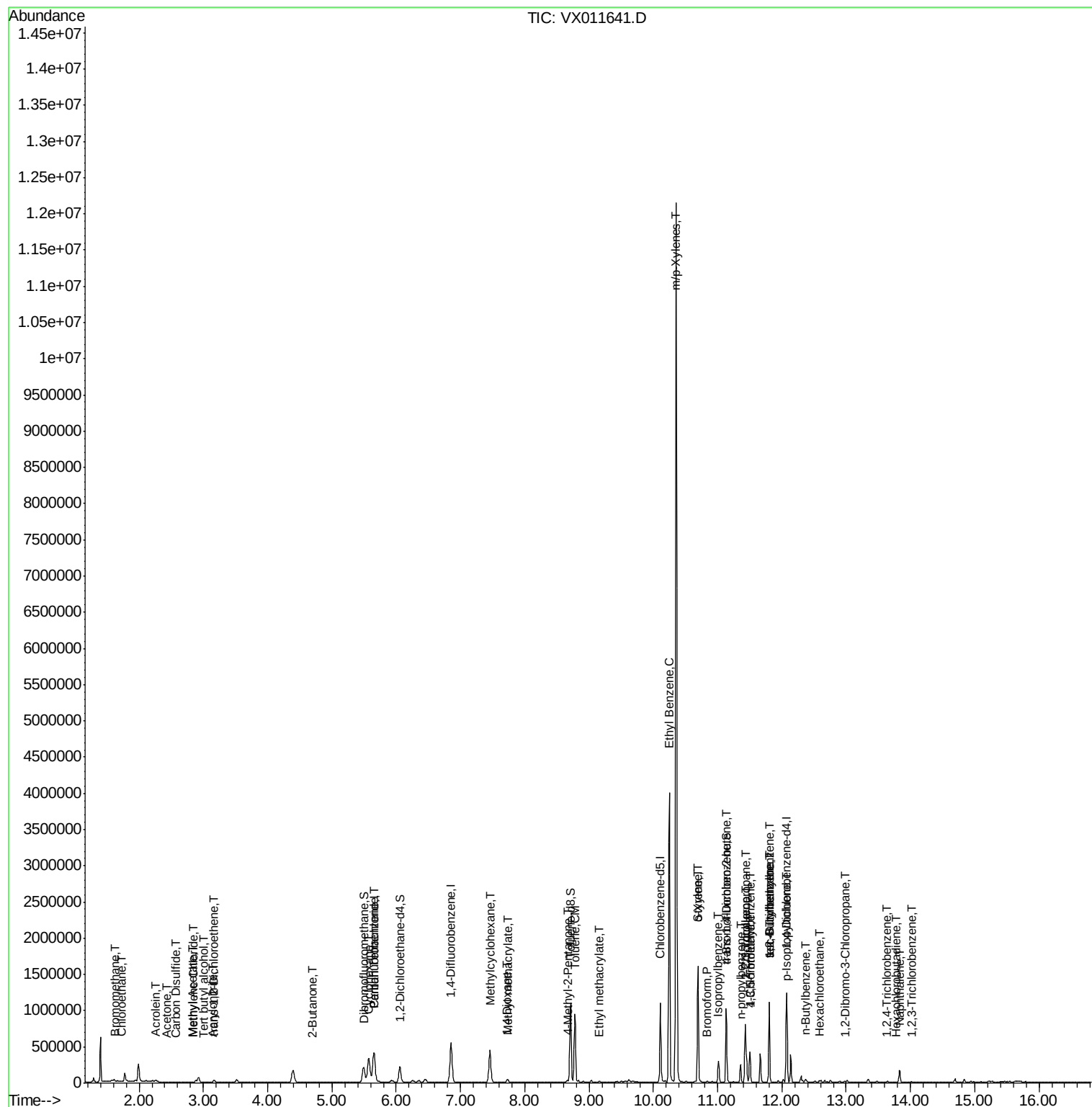
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.06	119	9608	0.582	ug/l	94
89) n-Butylbenzene	12.38	91	8748	0.645	ug/l #	46
90) Hexachloroethane	12.58	117	905	0.347	ug/l #	16
92) 1,2-Dibromo-3-Chloropropan	12.99	75	657	0.459	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.64	180	2300	0.331	ug/l	90
94) Hexachlorobutadiene	13.78	225	1023	0.270	ug/l	88
95) Naphthalene	13.83	128	109246	5.561	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	1793	0.256	ug/l	85

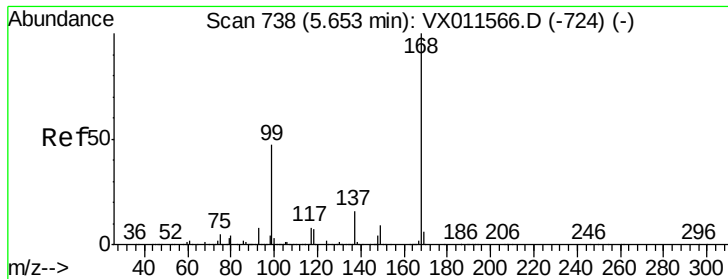
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011641.D

Acq: 19 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

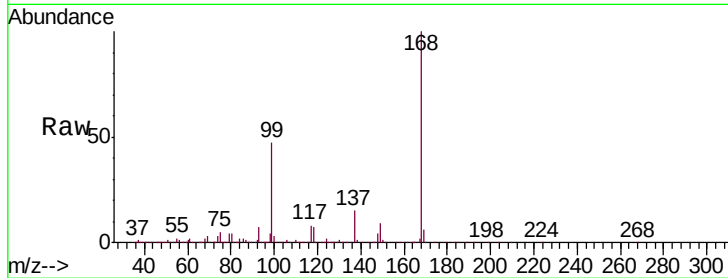
PH2-0142DL

Tgt Ion:168 Resp: 451055

Ion Ratio Lower Upper

168 100

99 46.5 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

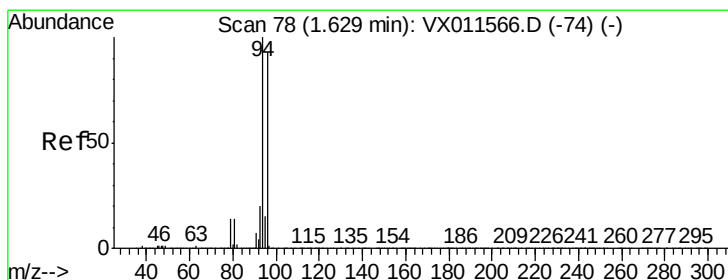
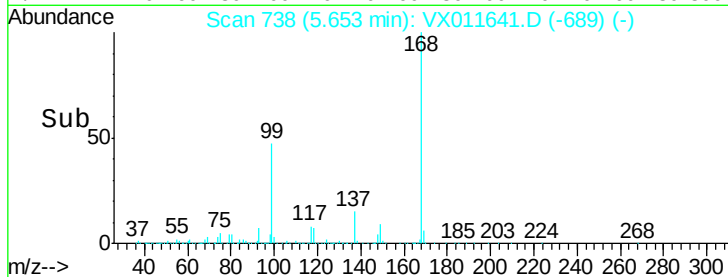
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.462 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011641.D

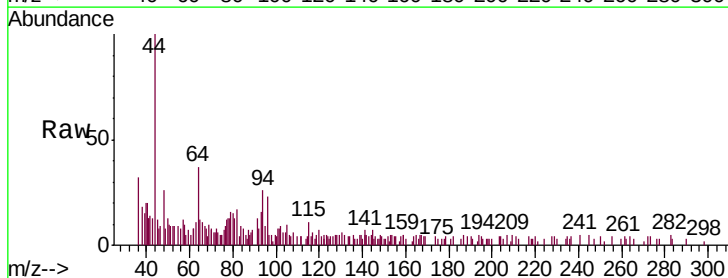
Acq: 19 Aug 2019 18:50

Tgt Ion: 94 Resp: 861

Ion Ratio Lower Upper

94 100

96 93.6 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

600

500

400

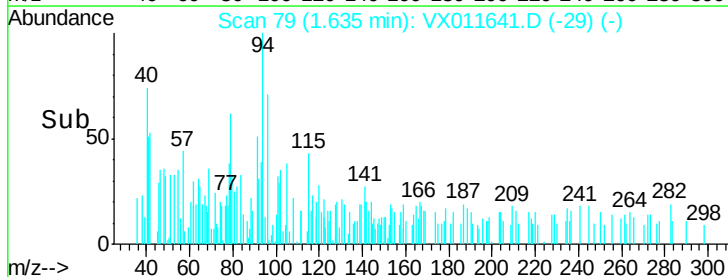
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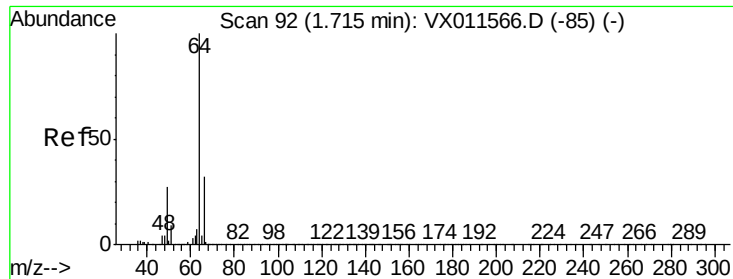
200

100

0

Time-->





#6

Chloroethane

Concen: 0.272 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

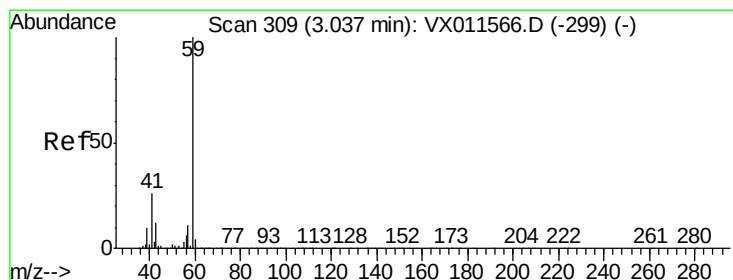
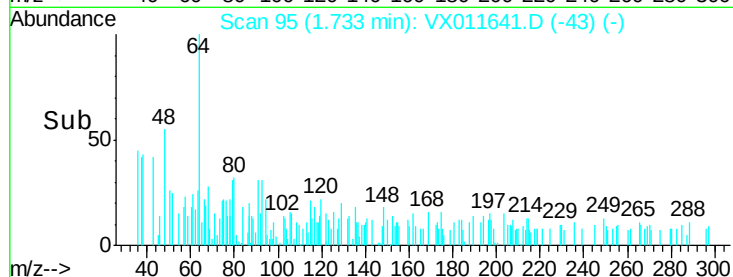
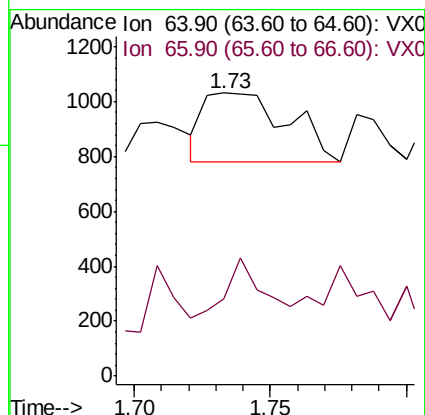
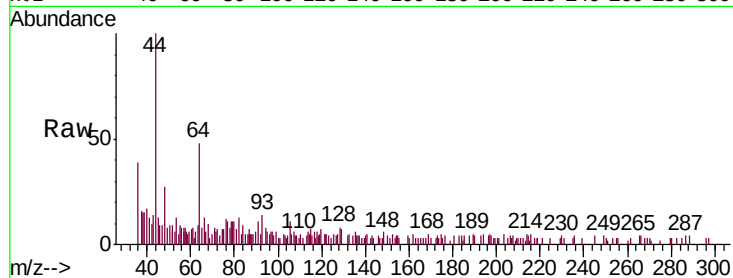
PH2-0142DL

Tgt Ion: 64 Resp: 536

Ion Ratio Lower Upper

64 100

66 28.0 25.3 37.9



#11

Tert butyl alcohol

Concen: 0.206 ug/l

RT: 3.00 min Scan# 303

Delta R.T. -0.04 min

Lab File: VX011641.D

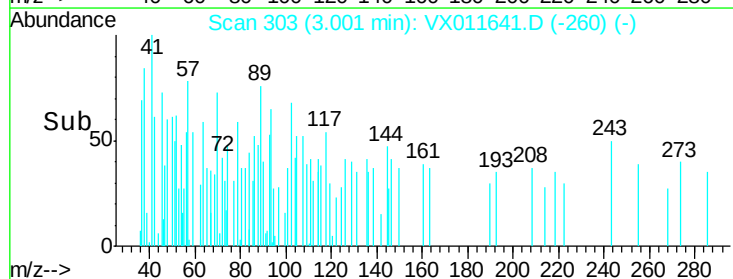
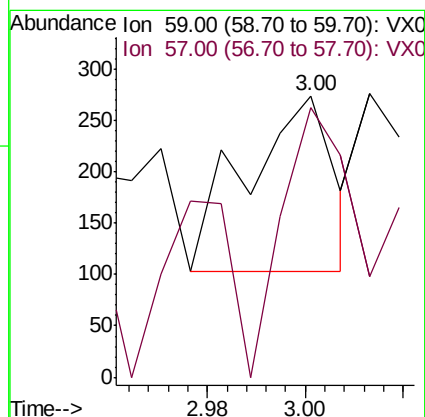
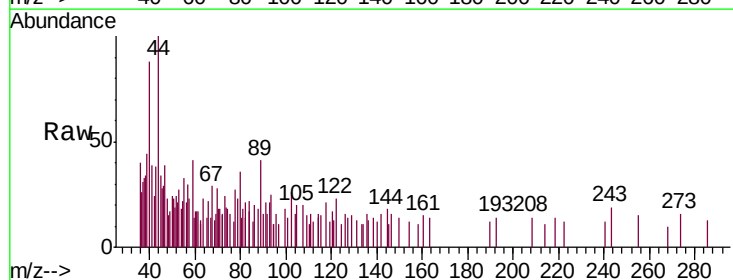
Acq: 19 Aug 2019 18:50

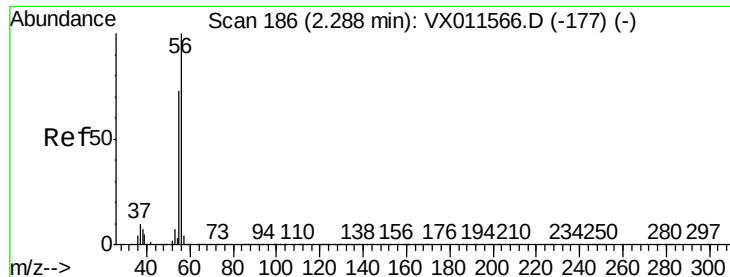
Tgt Ion: 59 Resp: 211

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#





#13

Acrolein

Concen: 15.441 ug/l

RT: 2.25 min Scan# 180

Delta R.T. -0.04 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

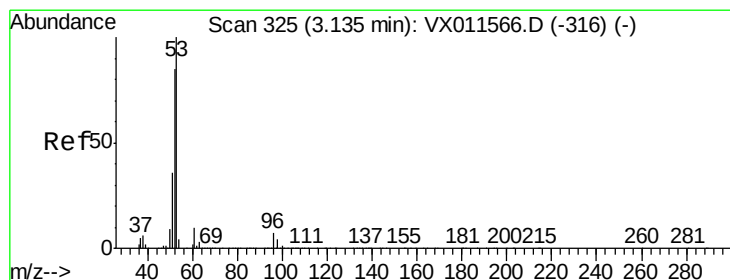
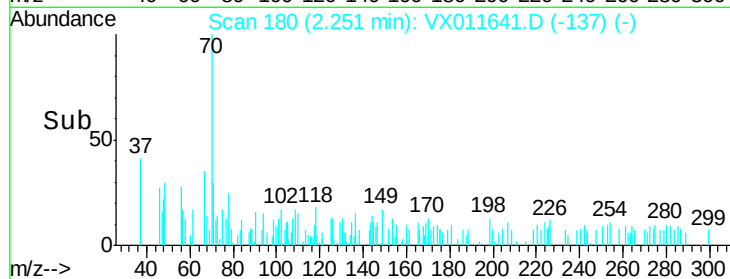
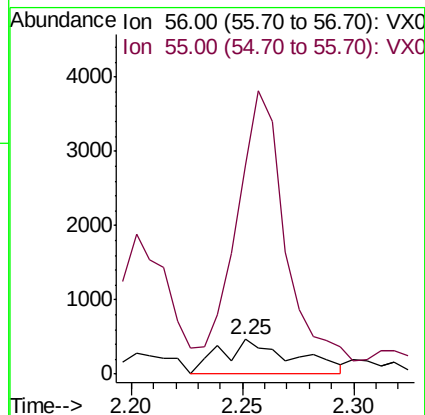
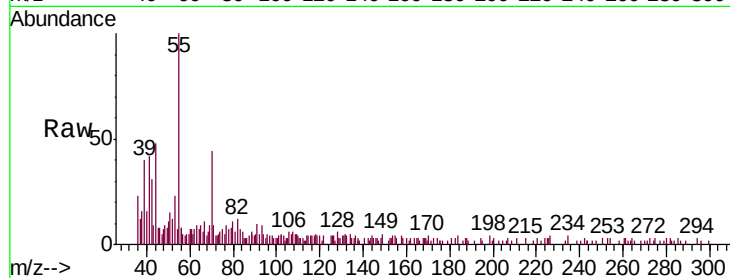
PH2-0142DL

Tgt Ion: 56 Resp: 1081

Ion Ratio Lower Upper

56 100

55 497.9 55.5 83.3#



#15

Acrylonitrile

Concen: 0.650 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

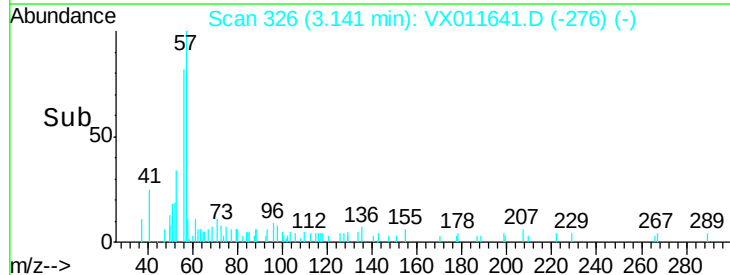
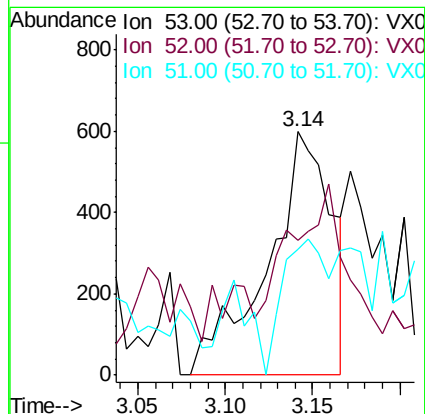
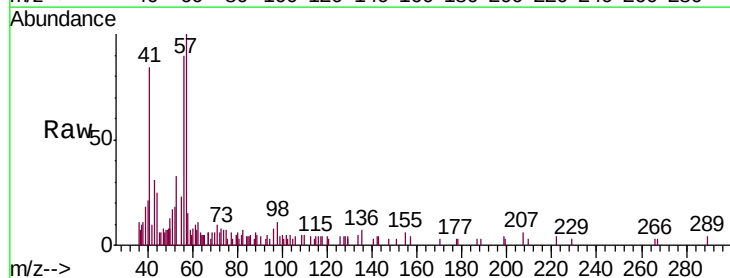
Tgt Ion: 53 Resp: 1526

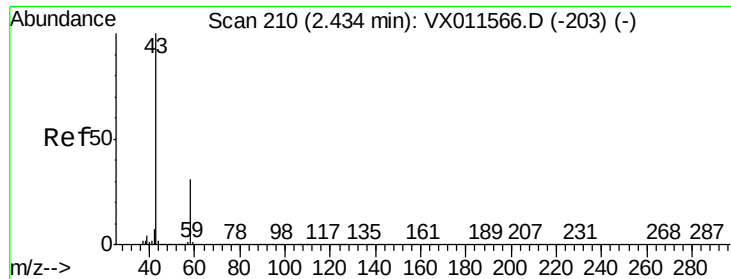
Ion Ratio Lower Upper

53 100

52 50.6 66.7 100.1#

51 38.8 28.7 43.1





#16

Acetone

Concen: 0.459 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleID :

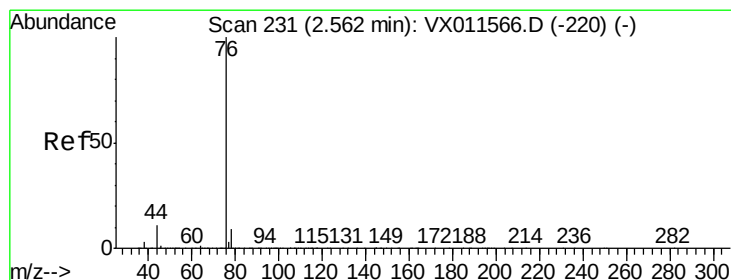
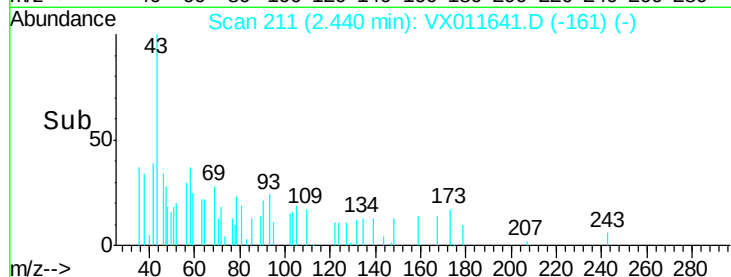
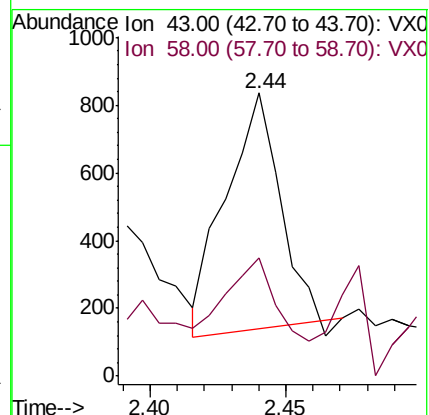
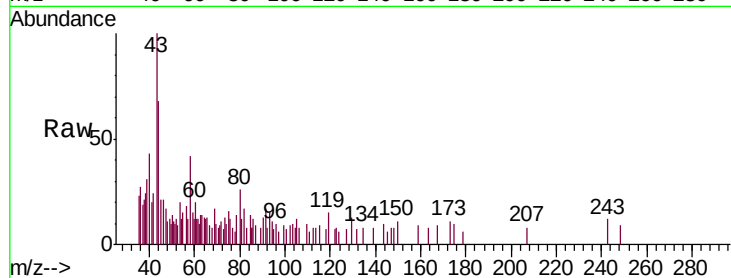
PH2-0142DL

Tgt Ion: 43 Resp: 966

Ion Ratio Lower Upper

43 100

58 31.4 25.2 37.8



#17

Carbon Disulfide

Concen: 0.455 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011641.D

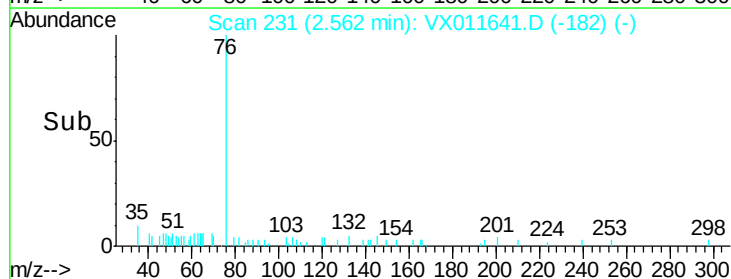
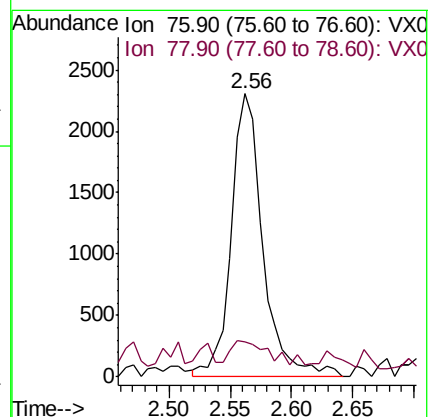
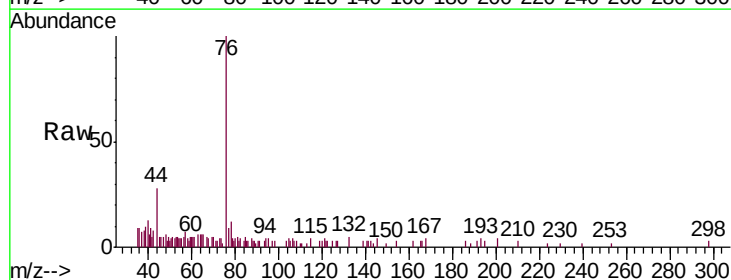
Acq: 19 Aug 2019 18:50

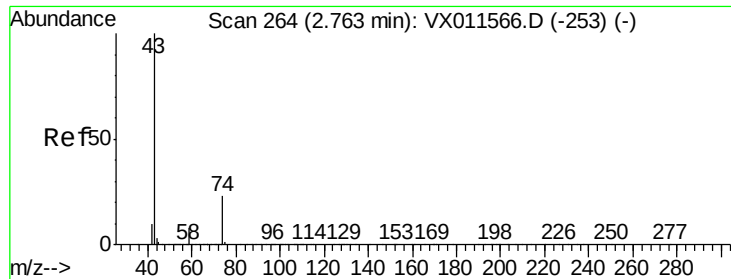
Tgt Ion: 76 Resp: 4120

Ion Ratio Lower Upper

76 100

78 6.9 7.2 10.8#

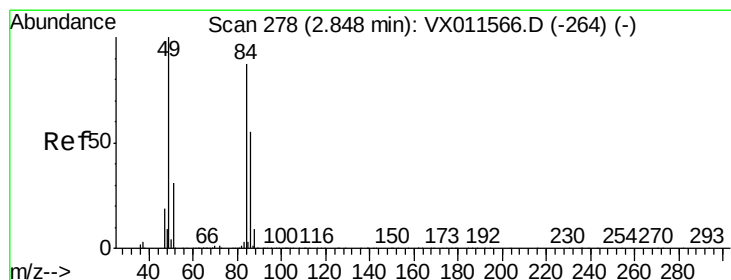
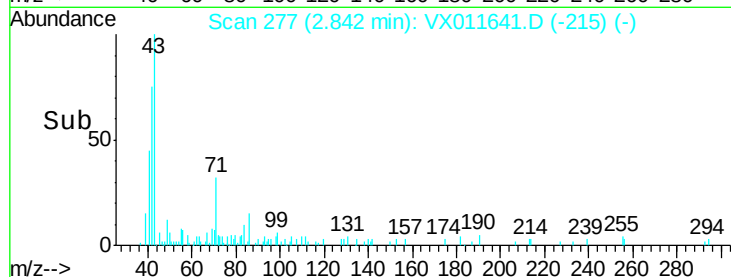
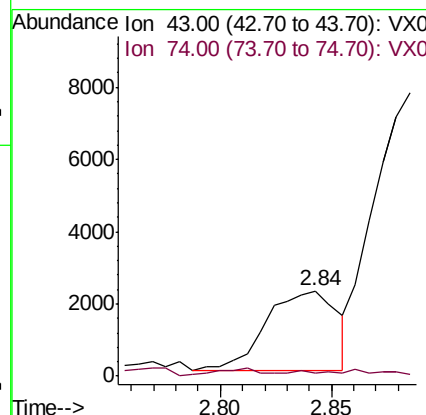
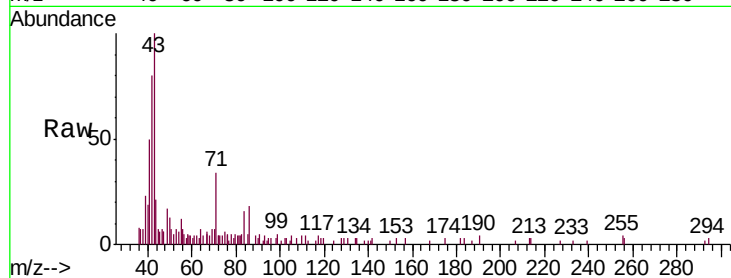




#18
Methyl Acetate
Concen: 0.767 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.08 min
Lab File: VX011641.D
Acq: 19 Aug 2019 18:50

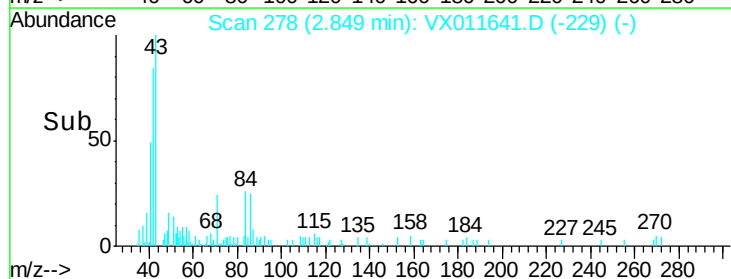
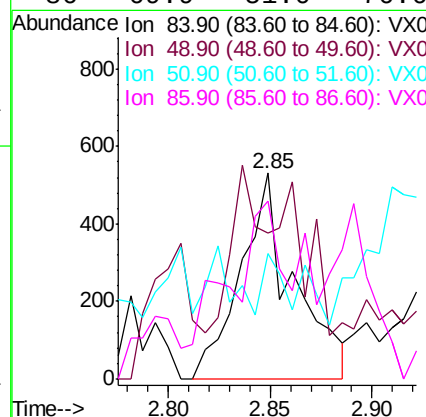
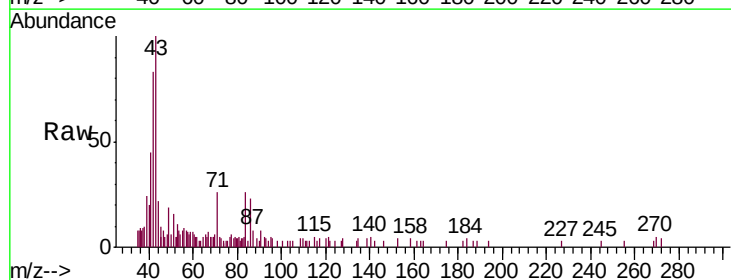
Instrument :
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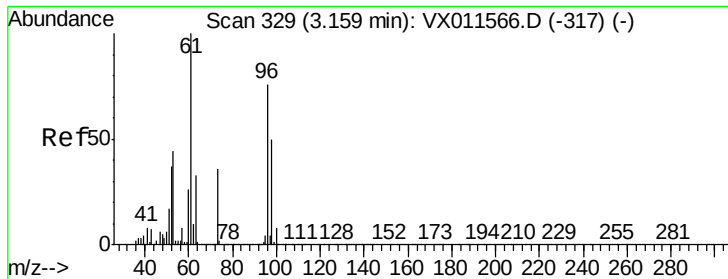
Tgt Ion: 43 Resp: 5002
Ion Ratio Lower Upper
43 100
74 0.8 19.7 29.5#



#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011641.D
Acq: 19 Aug 2019 18:50

Tgt Ion: 84 Resp: 956
Ion Ratio Lower Upper
84 100
49 43.5 92.4 138.6#
51 29.2 28.5 42.7
86 69.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 0.248 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

PH2-0142DL

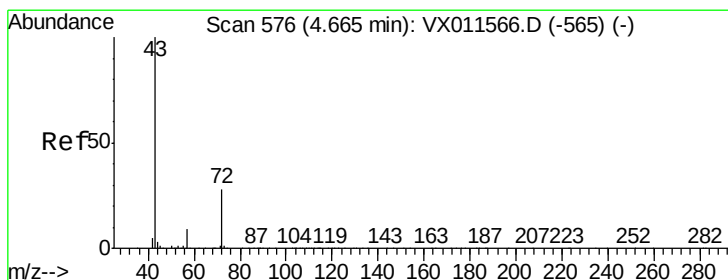
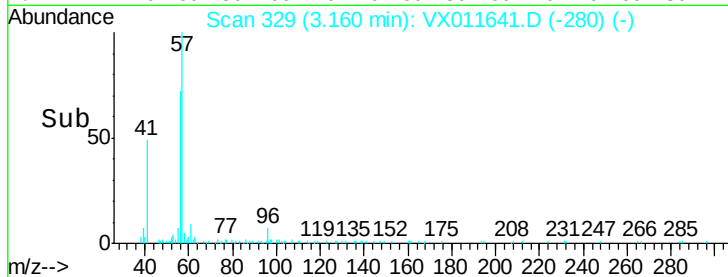
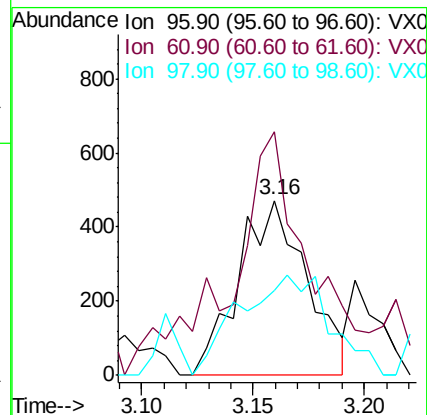
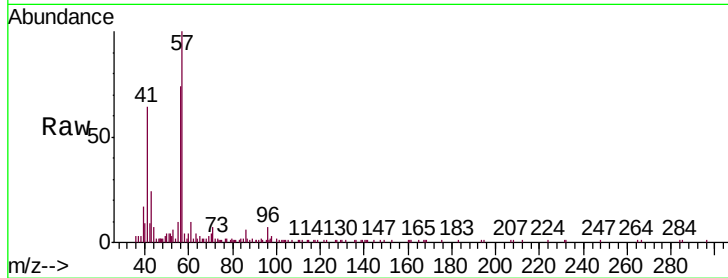
Tgt Ion: 96 Resp: 1011

Ion Ratio Lower Upper

96 100

61 114.0 105.5 158.3

98 48.8 52.6 78.8#



#25

2-Butanone

Concen: 0.695 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX011641.D

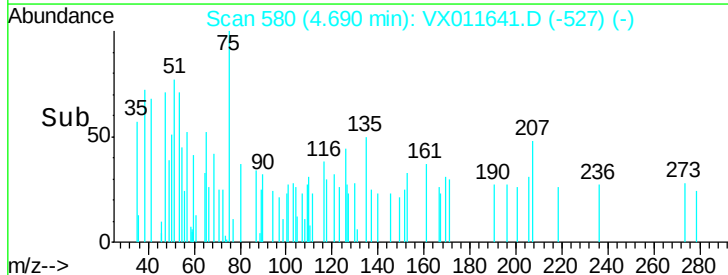
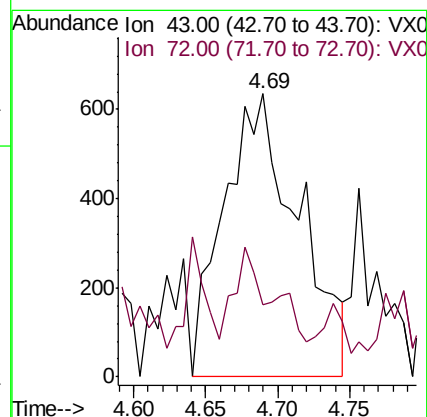
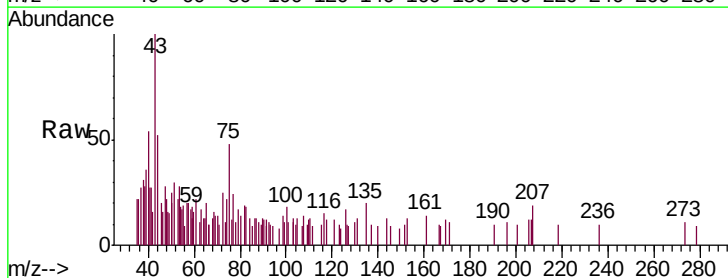
Acq: 19 Aug 2019 18:50

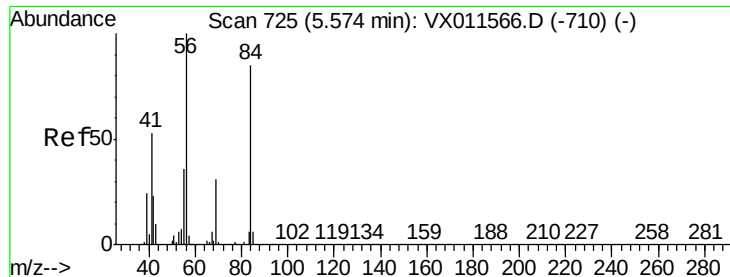
Tgt Ion: 43 Resp: 2295

Ion Ratio Lower Upper

43 100

72 5.7 22.2 33.4#





#31

Cyclohexane

Concen: 37.953 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

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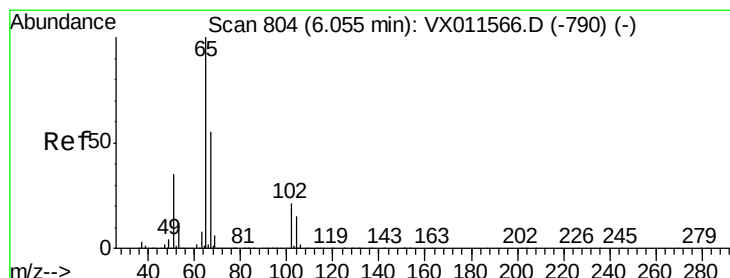
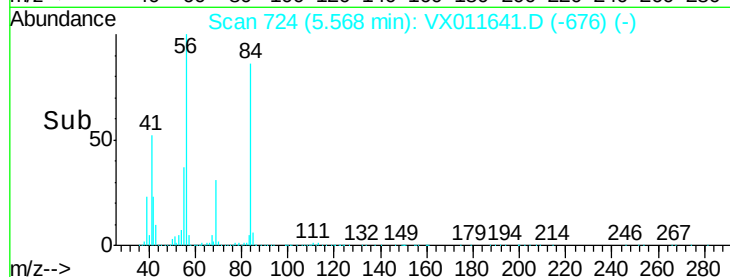
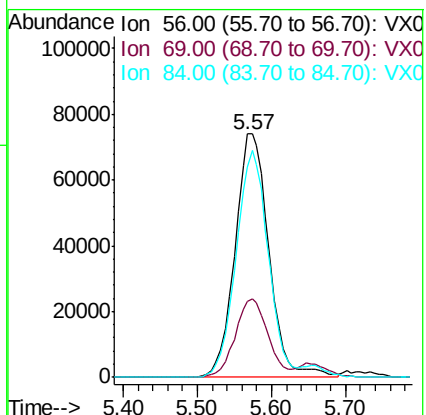
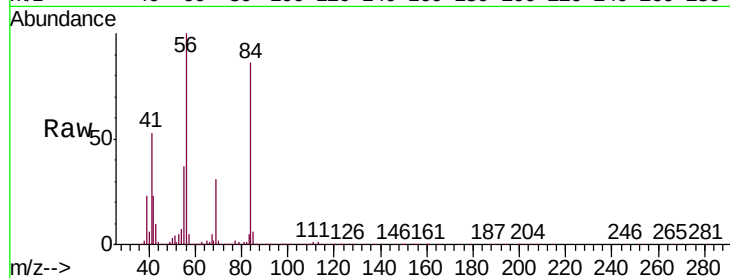
Tgt Ion: 56 Resp: 235391

Ion Ratio Lower Upper

56 100

69 31.1 24.8 37.2

84 86.5 67.9 101.9



#33

1,2-Dichloroethane-d4

Concen: 48.921 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011641.D

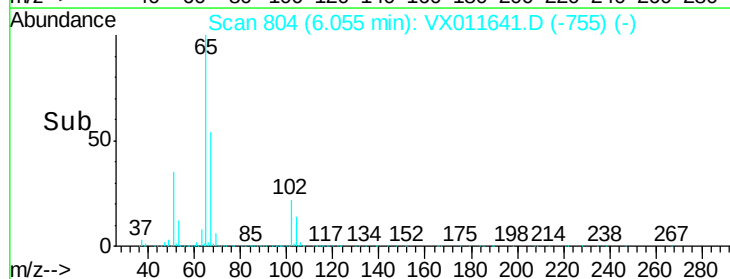
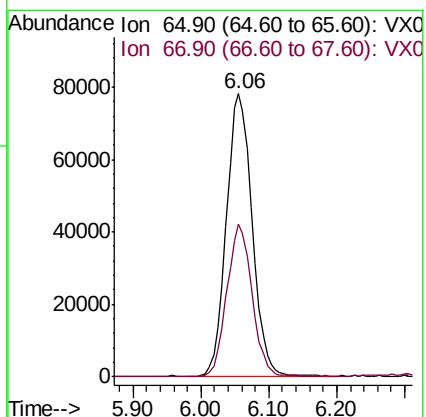
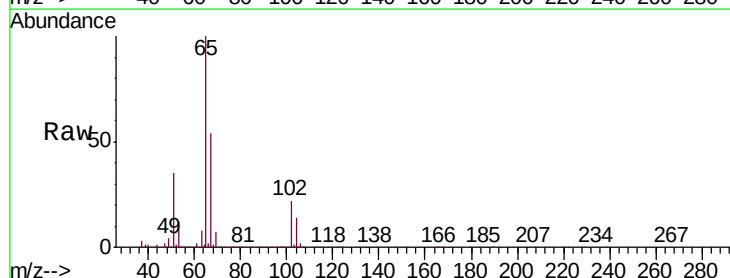
Acq: 19 Aug 2019 18:50

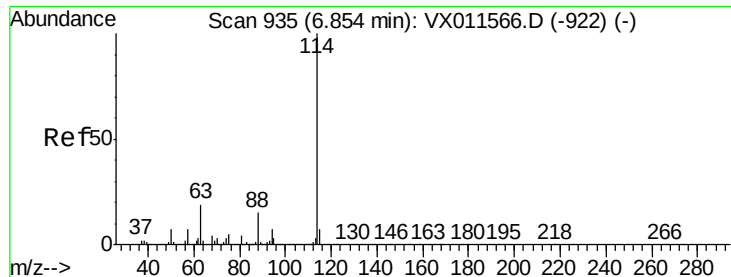
Tgt Ion: 65 Resp: 204631

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.6

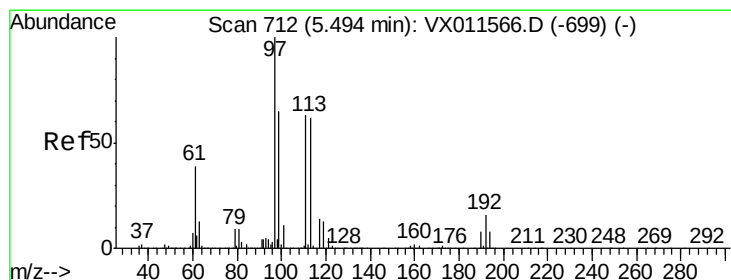
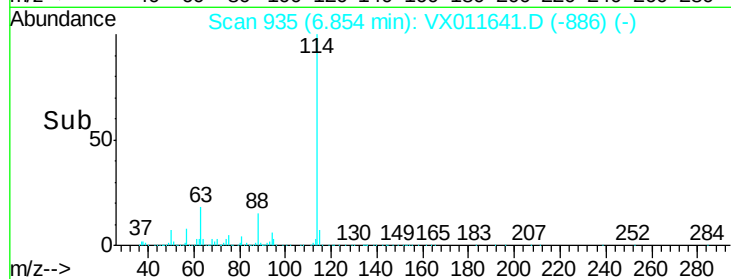
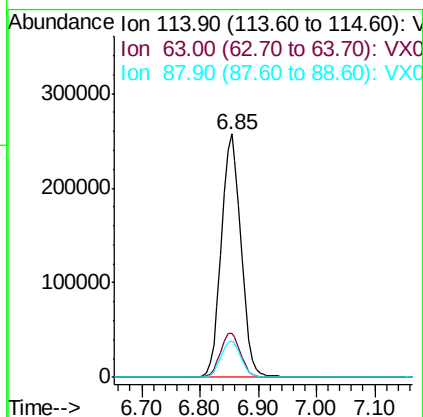
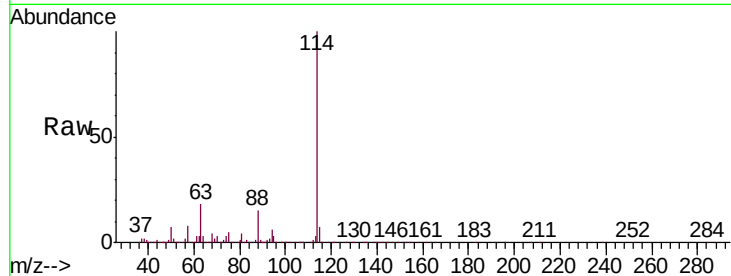




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011641.D
 Acq: 19 Aug 2019 18:50

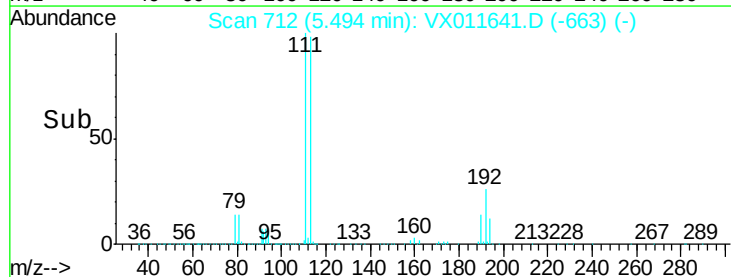
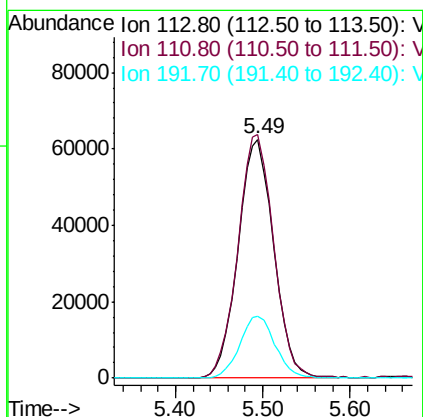
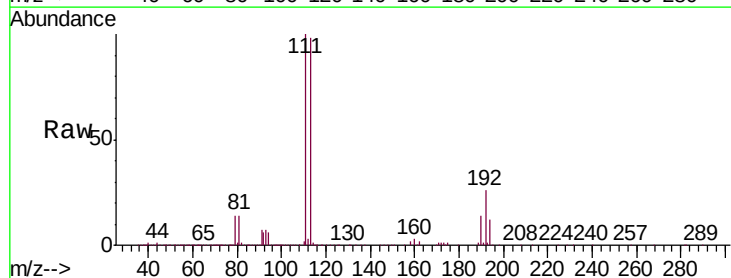
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0142DL

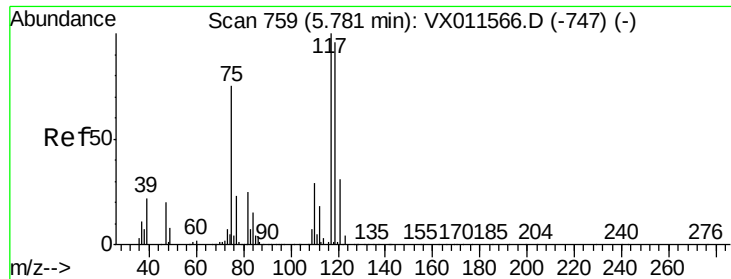
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	37.8
88	14.6	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 44.910 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011641.D
 Acq: 19 Aug 2019 18:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	26.1	20.8	31.2

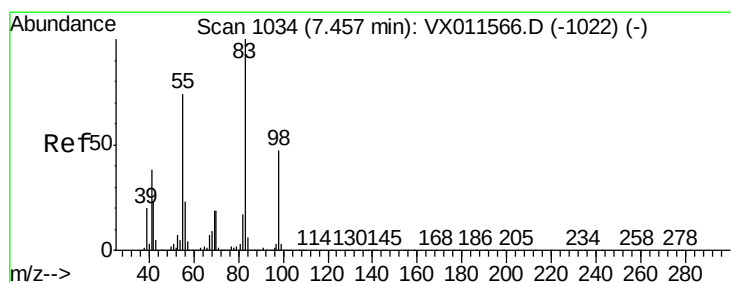
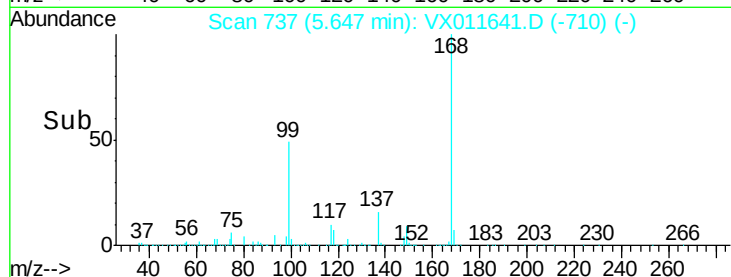
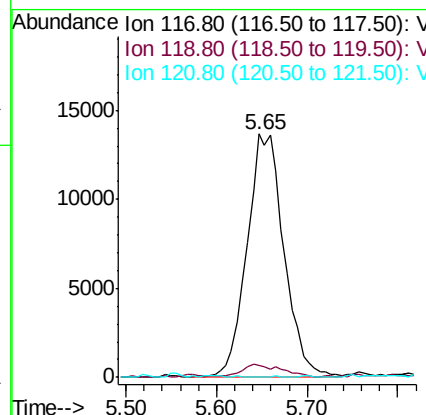
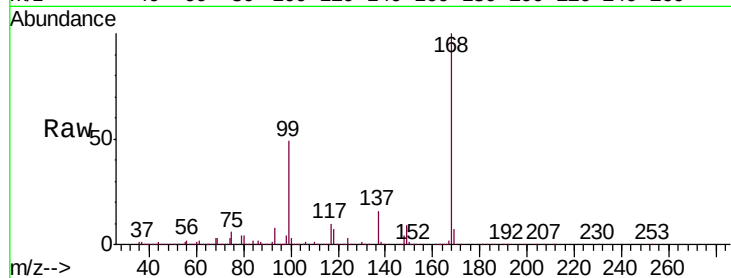




#38
Carbon Tetrachloride
Concen: 6.812 ug/l
RT: 5.65 min Scan# 737
Delta R.T. -0.13 min
Lab File: VX011641.D
Acq: 19 Aug 2019 18:50

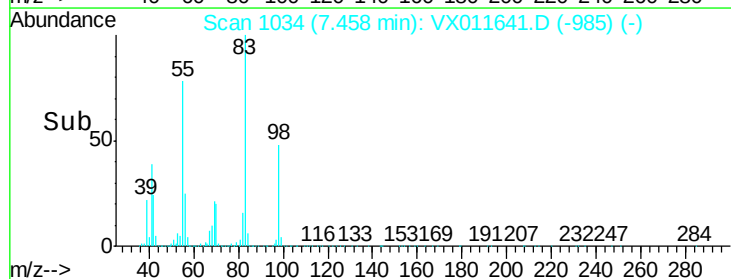
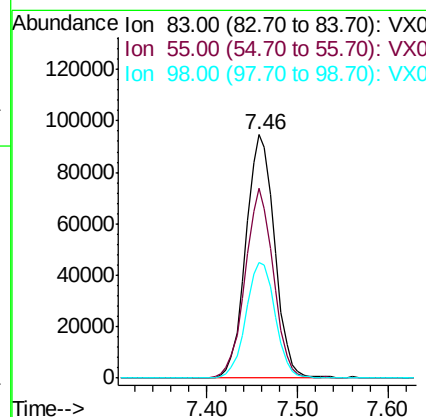
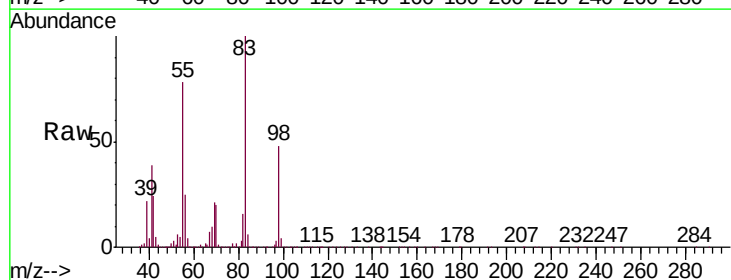
Instrument :
MSVOA_X
ClientSampleId :
PH2-0142DL

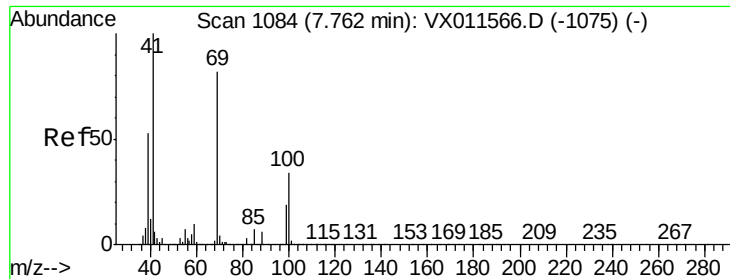
Tgt Ion: 117 Resp: 38695
Ion Ratio Lower Upper
117 100
119 4.6 76.9 115.3#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 32.659 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011641.D
Acq: 19 Aug 2019 18:50

Tgt Ion: 83 Resp: 207961
Ion Ratio Lower Upper
83 100
55 77.7 58.8 88.2
98 47.7 37.8 56.6

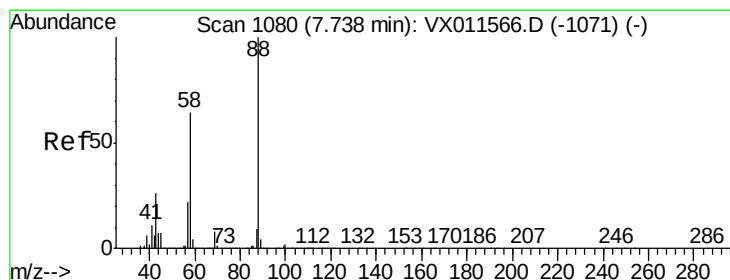
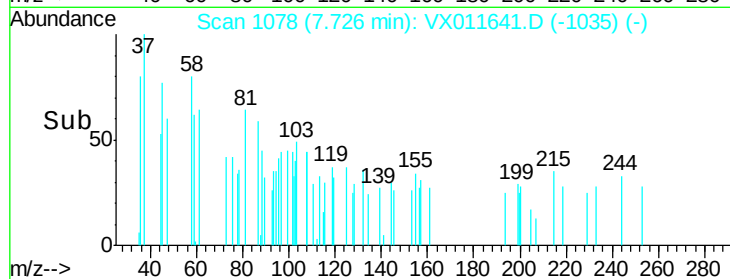
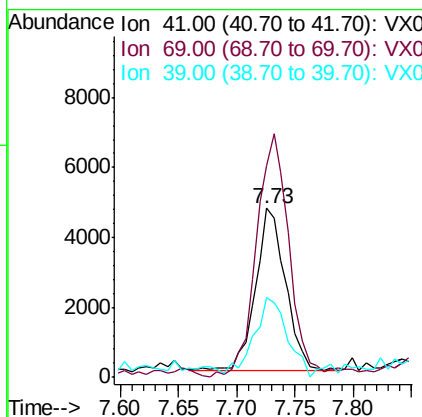
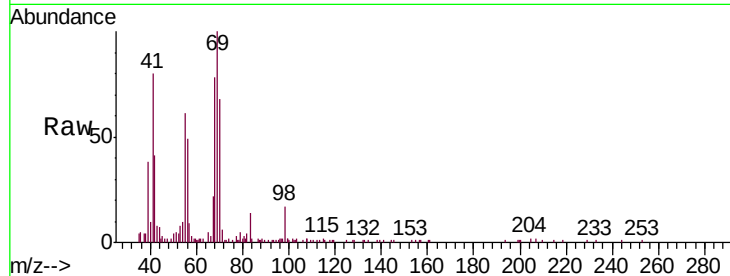




#48
Methyl methacrylate
Concen: 1.861 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.04 min
Lab File: VX011641.D
Acq: 19 Aug 2019 18:50

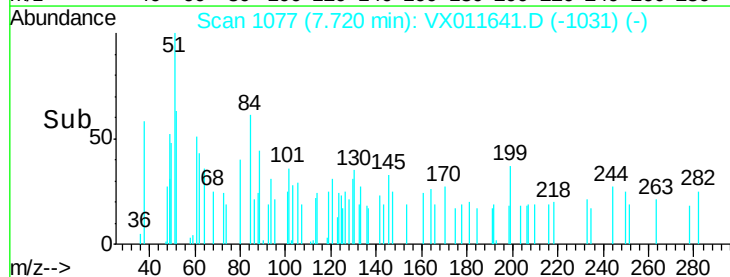
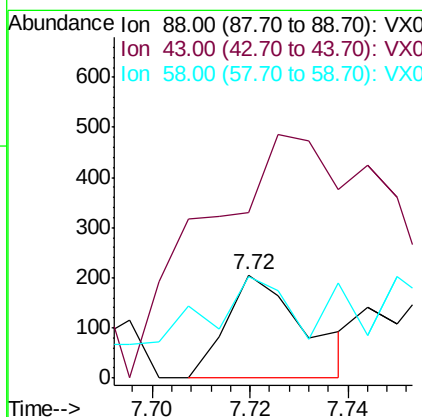
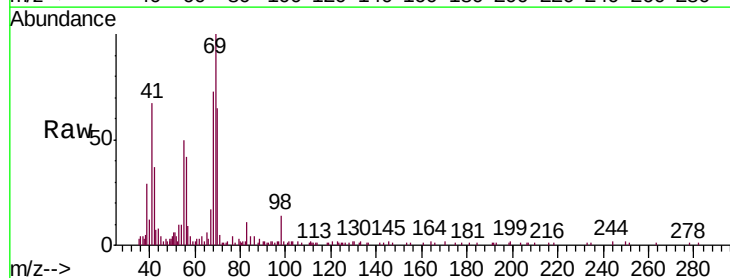
Instrument :
MSVOA_X
ClientSampleId :
PH2-0142DL

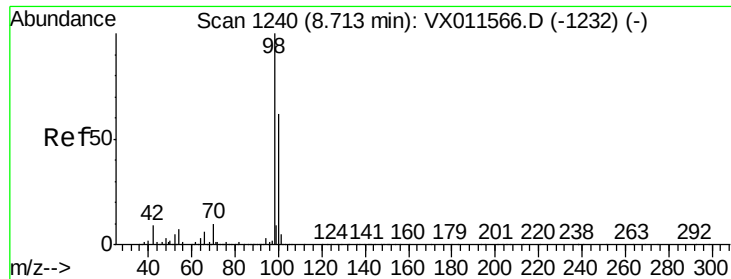
Tgt Ion: 41 Resp: 8530
Ion Ratio Lower Upper
41 100
69 159.5 67.9 101.9#
39 53.9 41.6 62.4



#49
1,4-Dioxane
Concen: 1.870 ug/l
RT: 7.72 min Scan# 1077
Delta R.T. -0.02 min
Lab File: VX011641.D
Acq: 19 Aug 2019 18:50

Tgt Ion: 88 Resp: 228
Ion Ratio Lower Upper
88 100
43 590.8 23.4 35.0#
58 145.2 54.3 81.5#

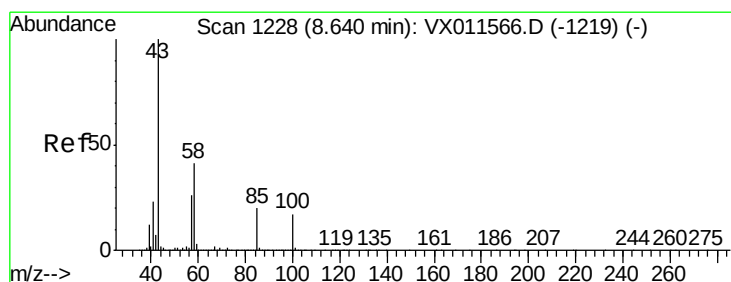
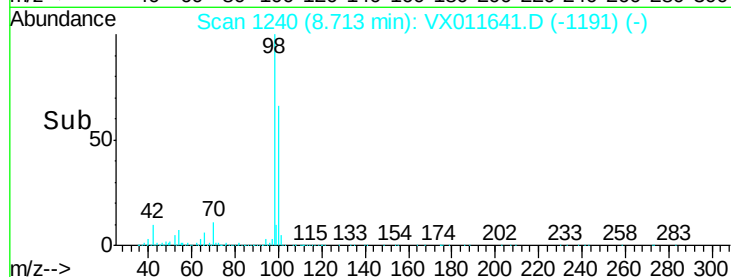
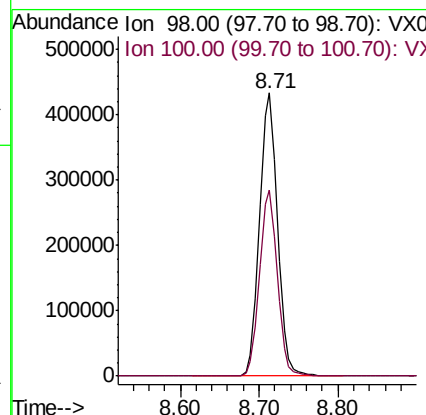
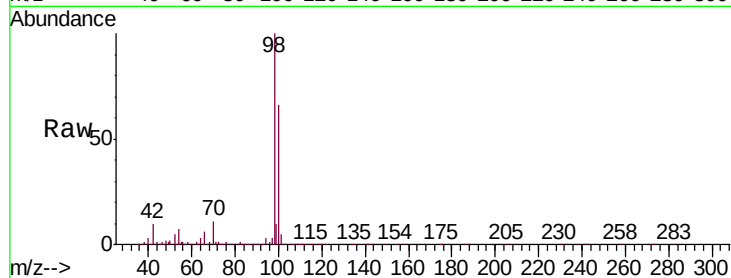




#50
Toluene-d8
Concen: 56.316 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011641.D
Acq: 19 Aug 2019 18:50

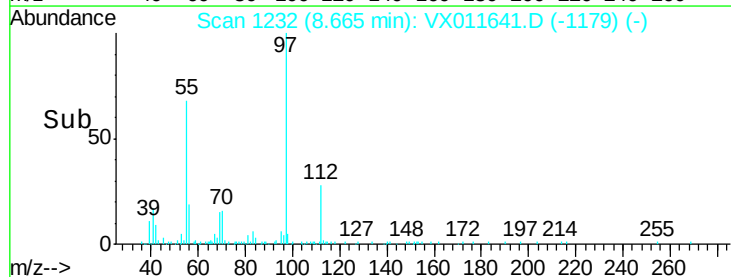
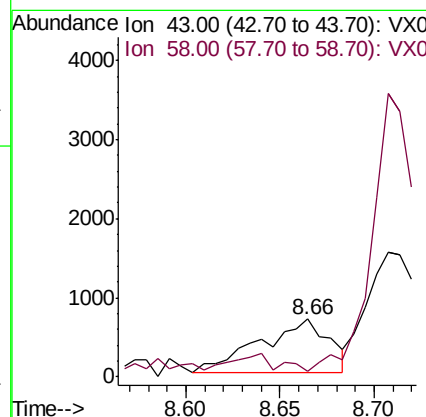
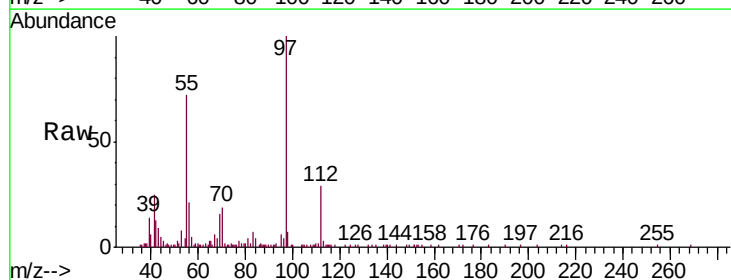
Instrument :
MSVOA_X
ClientSampleId :
PH2-0142DL

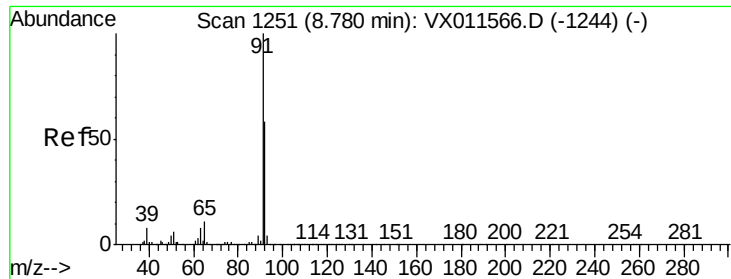
Tgt Ion: 98 Resp: 692165
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.286 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.02 min
Lab File: VX011641.D
Acq: 19 Aug 2019 18:50

Tgt Ion: 43 Resp: 1734
Ion Ratio Lower Upper
43 100
58 0.0 31.8 47.6#





#52

Toluene

Concen: 35.451 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

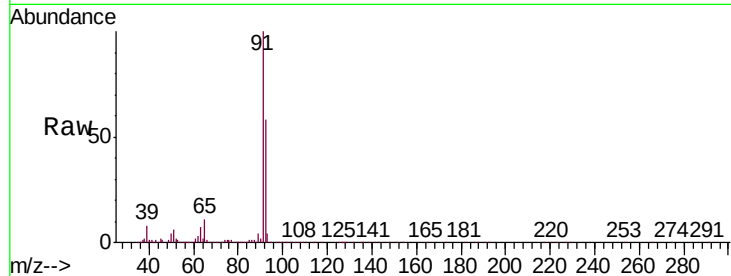
PH2-0142DL

Tgt Ion: 92 Resp: 361899

Ion Ratio Lower Upper

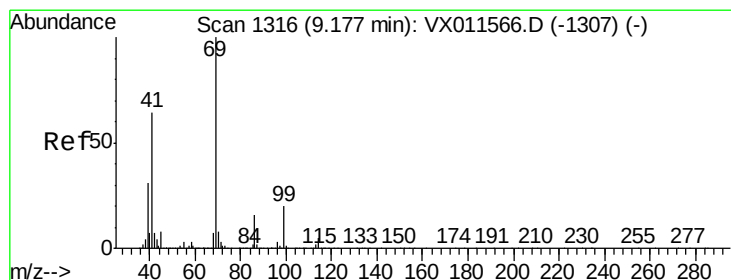
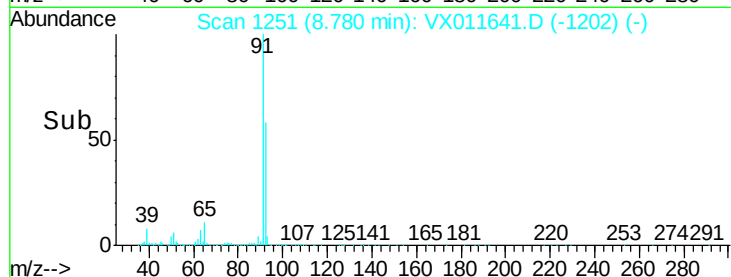
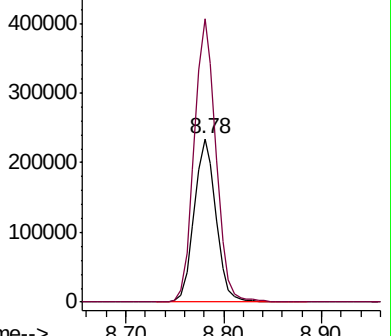
92 100

91 174.1 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#56

Ethyl methacrylate

Concen: 0.258 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

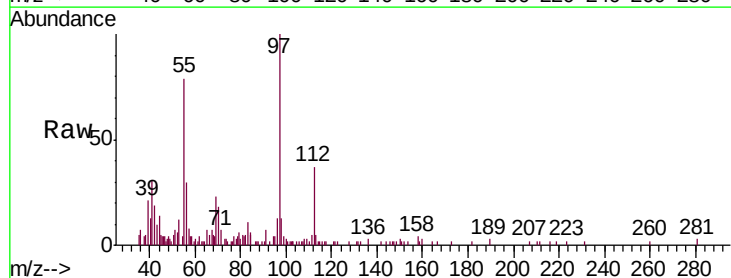
Tgt Ion: 69 Resp: 1630

Ion Ratio Lower Upper

69 100

41 98.7 52.1 78.1#

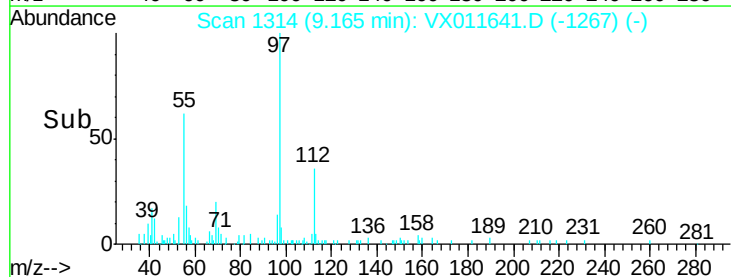
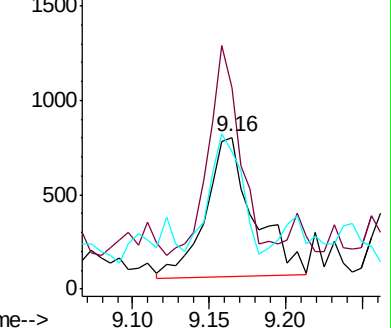
39 56.4 25.4 38.0#

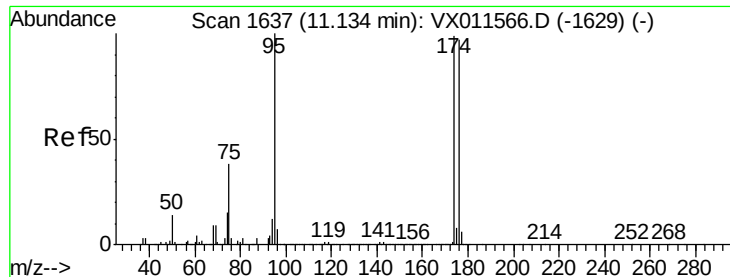


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.967 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

PH2-0142DL

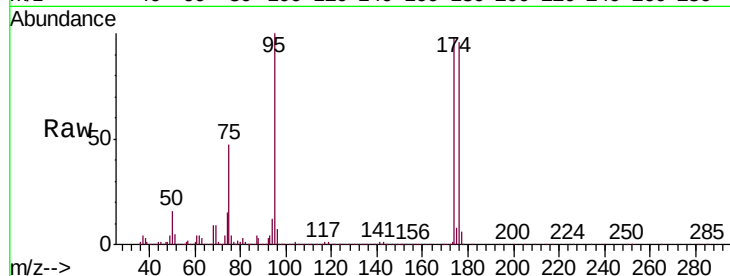
Tgt Ion: 95 Resp: 248839

Ion Ratio Lower Upper

95 100

174 98.6 0.0 200.6

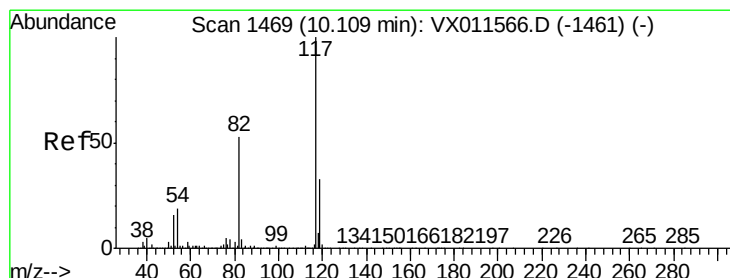
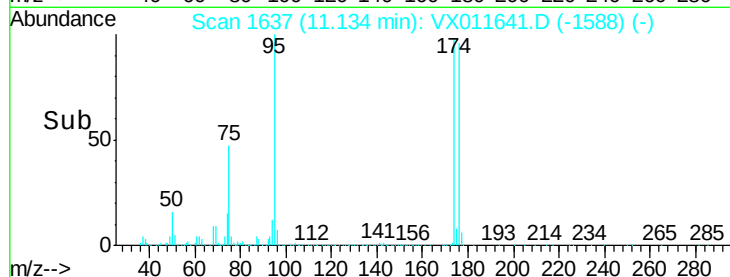
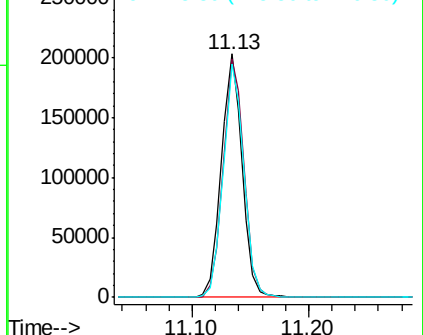
176 95.5 0.0 196.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

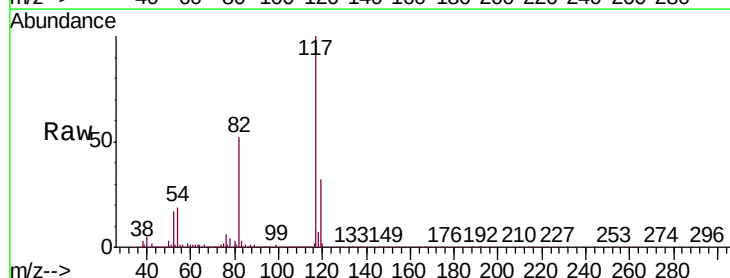
Tgt Ion: 117 Resp: 513849

Ion Ratio Lower Upper

117 100

82 51.8 42.0 63.0

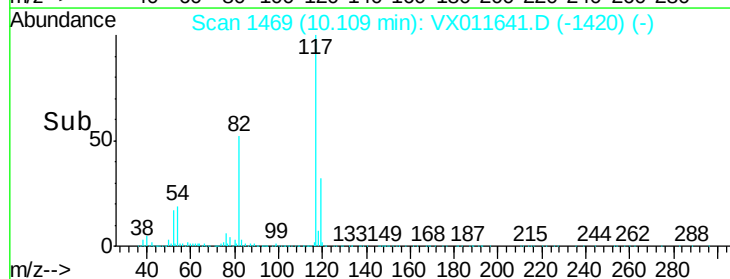
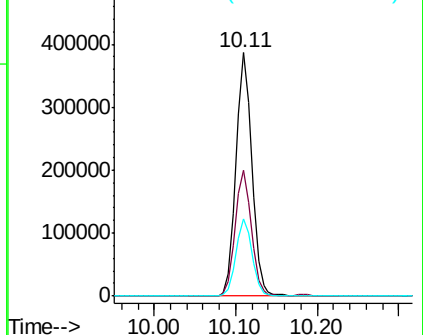
119 31.8 26.5 39.7

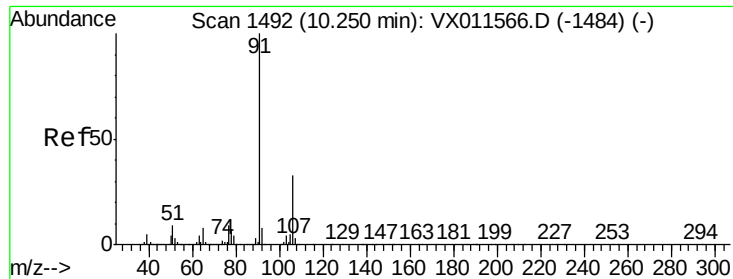


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

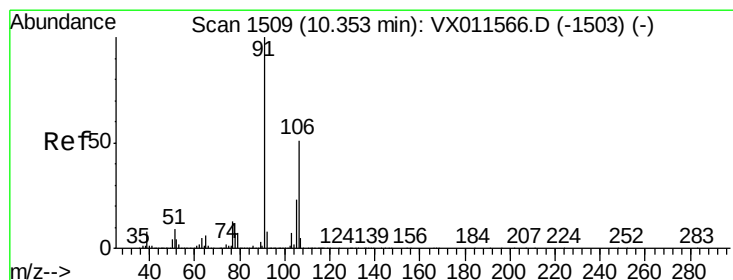
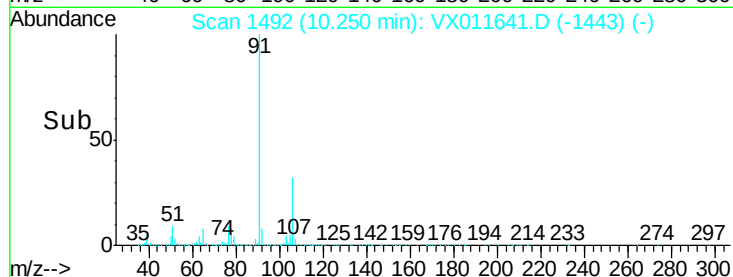
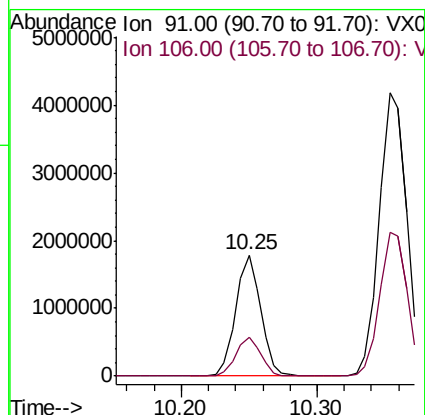
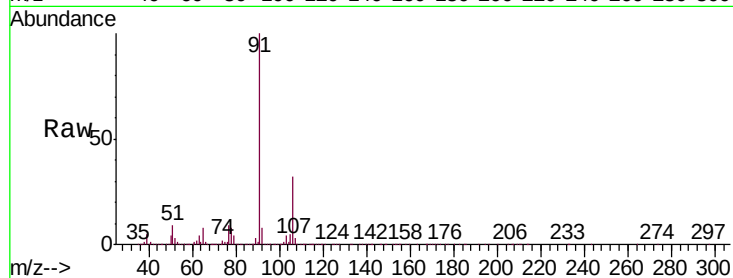




#67
Ethyl Benzene
Concen: 125.160 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011641.D
Acq: 19 Aug 2019 18:50

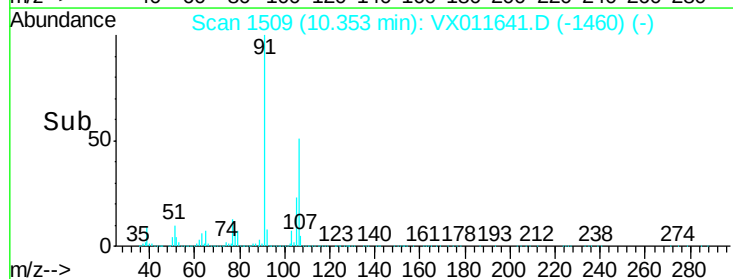
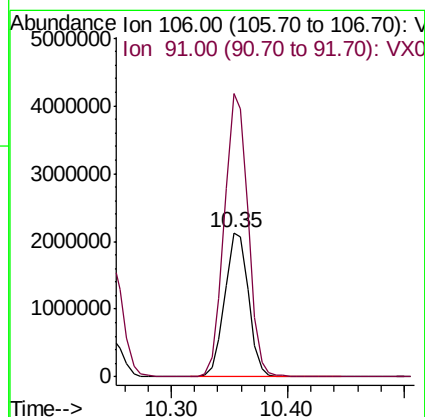
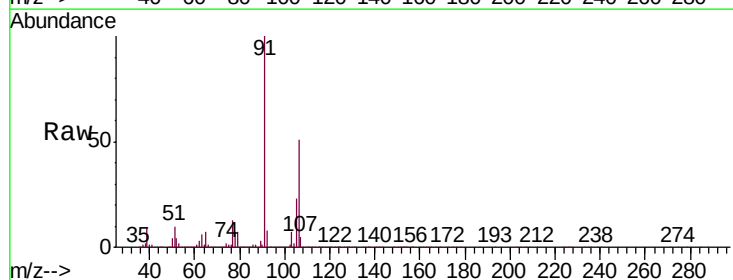
Instrument :
MSVOA_X
ClientSampleId :
PH2-0142DL

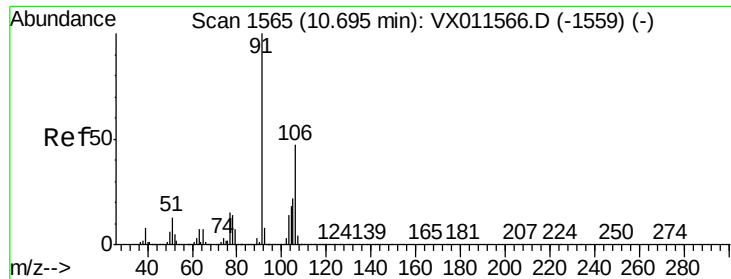
Tgt Ion: 91 Resp: 2289320
Ion Ratio Lower Upper
91 100
106 31.8 26.0 39.0



#68
m/p-Xylenes
Concen: 426.469 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011641.D
Acq: 19 Aug 2019 18:50

Tgt Ion: 106 Resp: 2994272
Ion Ratio Lower Upper
106 100
91 196.4 156.0 234.0

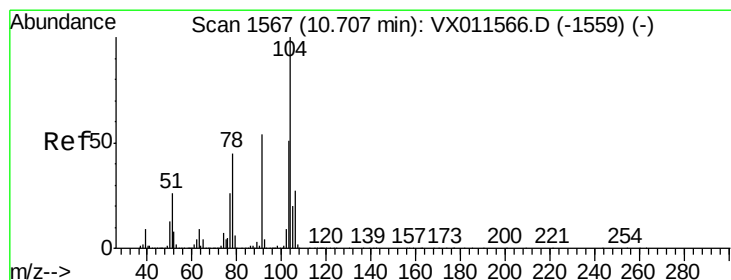
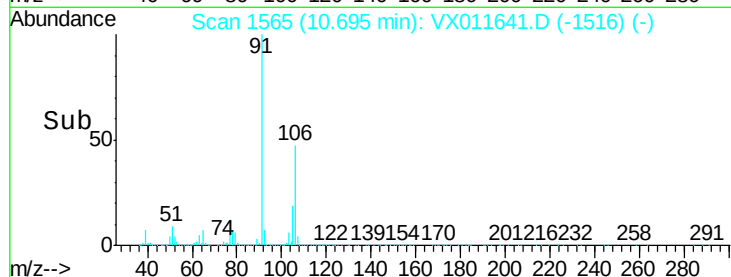
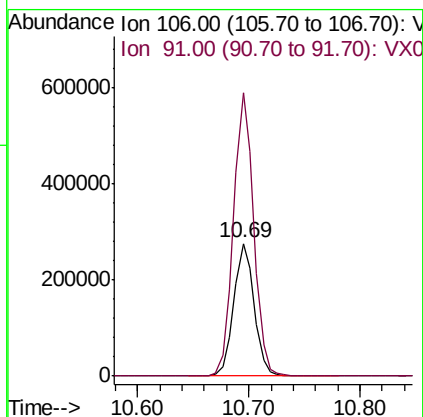
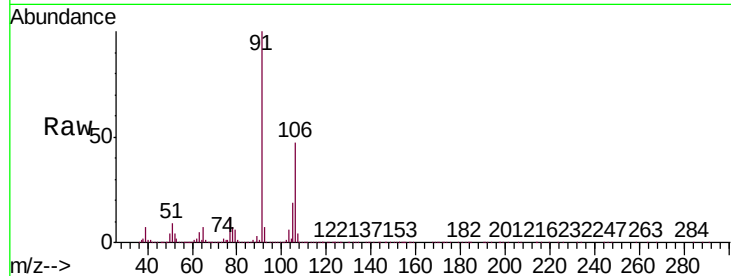




#69
o-Xylene
Concen: 50.453 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011641.D
Acq: 19 Aug 2019 18:50

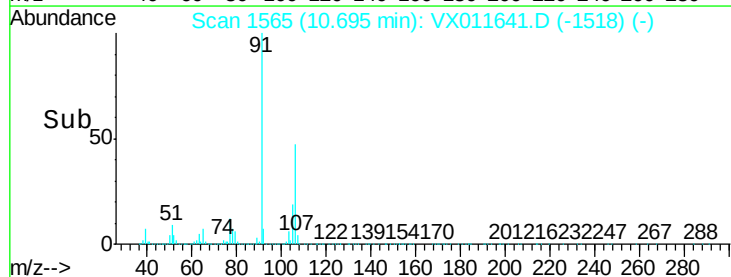
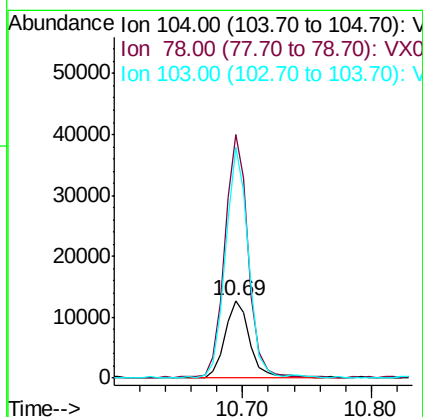
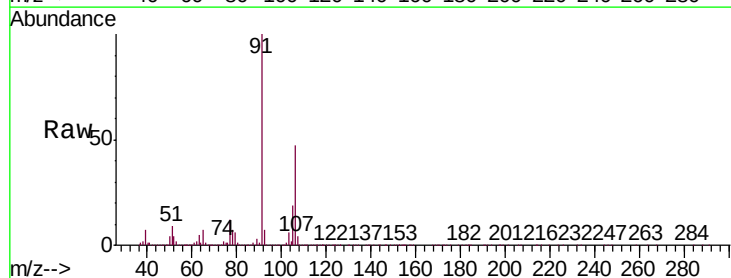
Instrument :
MSVOA_X
ClientSampleId :
PH2-0142DL

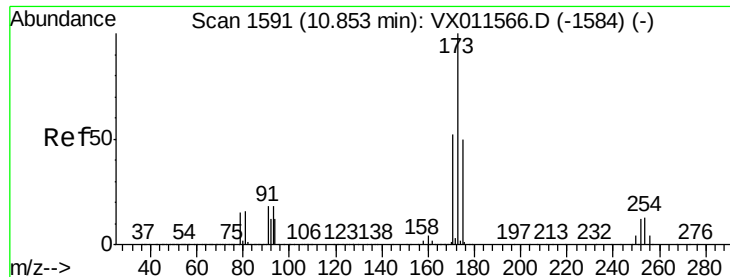
Tgt Ion:106 Resp: 346987
Ion Ratio Lower Upper
106 100
91 212.3 105.5 316.4



#70
Styrene
Concen: 1.534 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX011641.D
Acq: 19 Aug 2019 18:50

Tgt Ion:104 Resp: 17757
Ion Ratio Lower Upper
104 100
78 292.0 38.2 57.4#
103 267.5 43.6 65.4#





#71

Bromoform

Concen: 3.365 ug/l

RT: 10.84 min Scan# 1589

Delta R.T. -0.01 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

PH2-0142DL

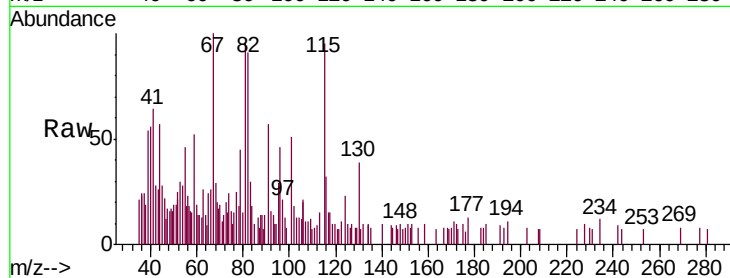
Tgt Ion:173 Resp: 315

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

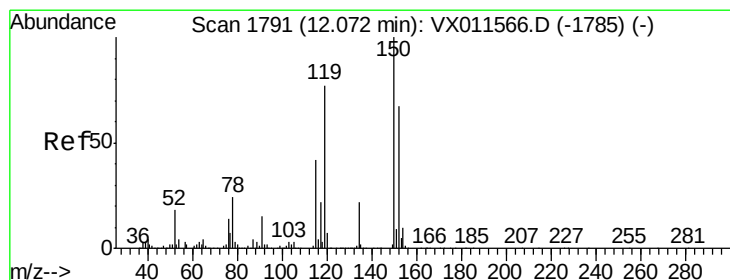
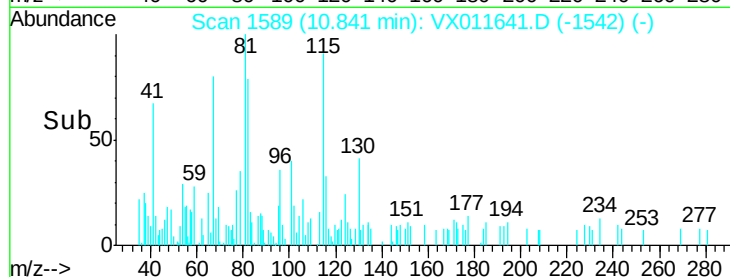
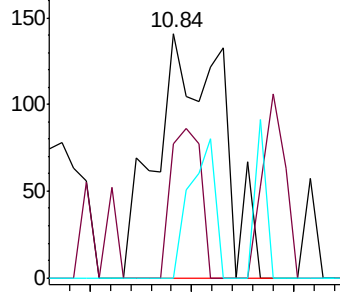
254 22.2 0.1 0.1#



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: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

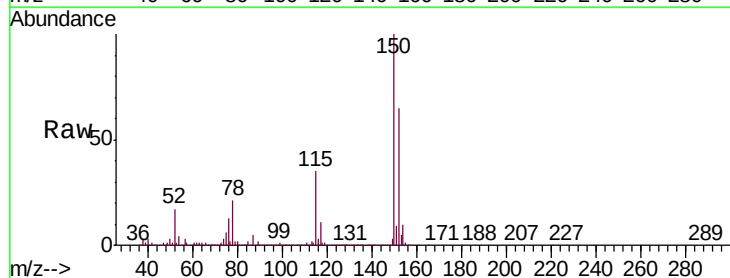
Tgt Ion:152 Resp: 279999

Ion Ratio Lower Upper

152 100

115 52.4 37.3 111.9

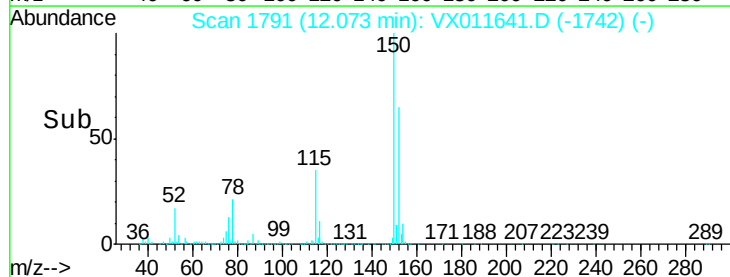
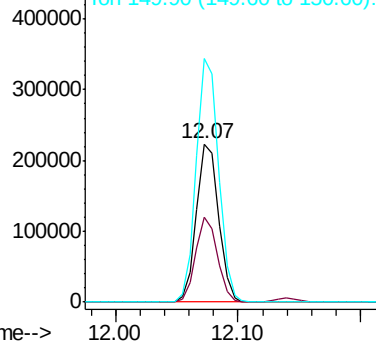
150 154.8 0.0 346.2

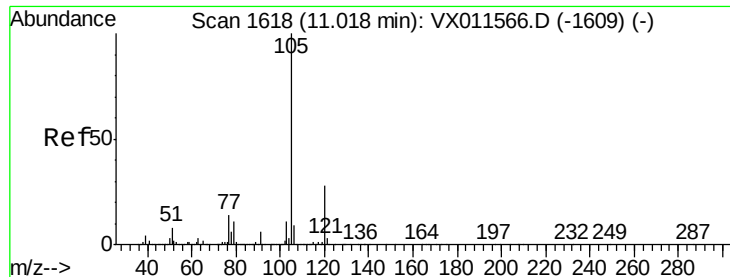


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 8.829 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

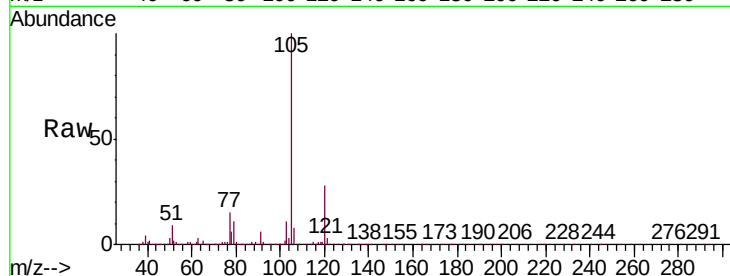
PH2-0142DL

Tgt Ion:105 Resp: 160403

Ion Ratio Lower Upper

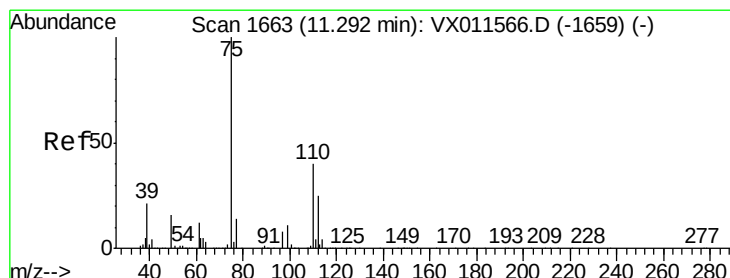
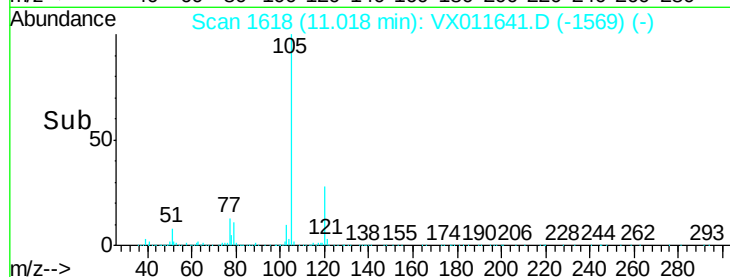
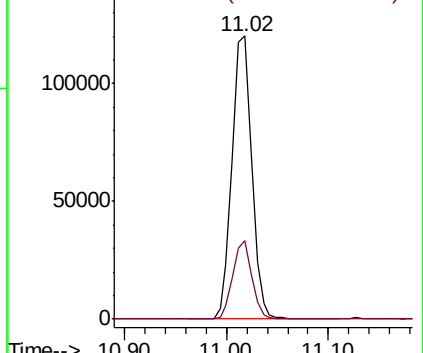
105 100

120 26.4 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 0.886 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX011641.D

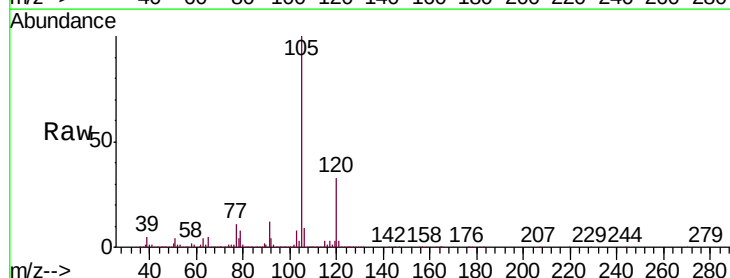
Acq: 19 Aug 2019 18:50

Tgt Ion: 75 Resp: 4704

Ion Ratio Lower Upper

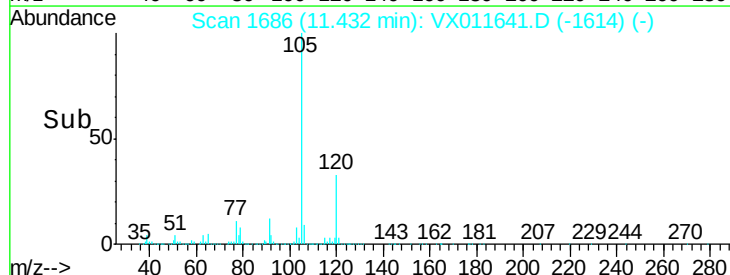
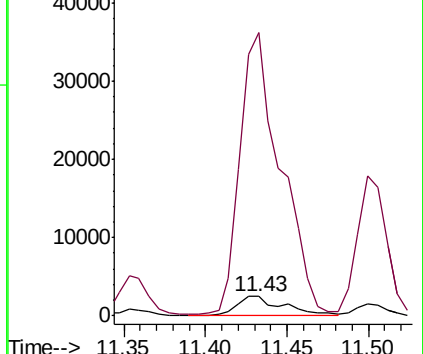
75 100

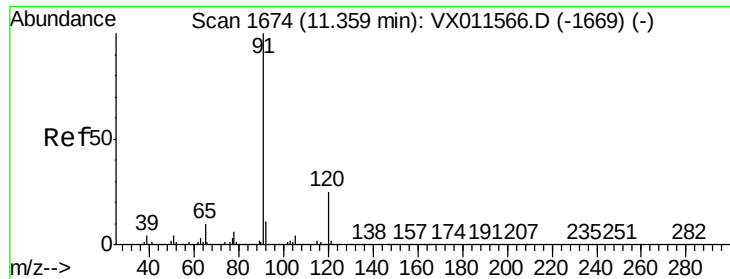
77 1334.4 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 8.109 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

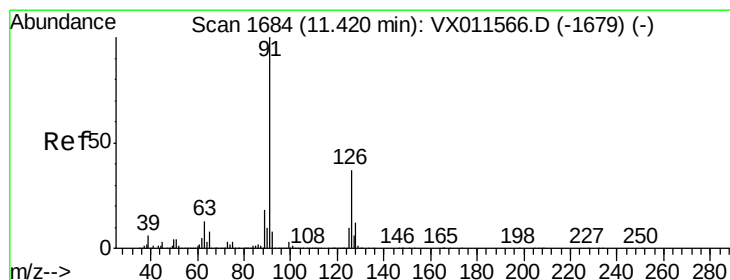
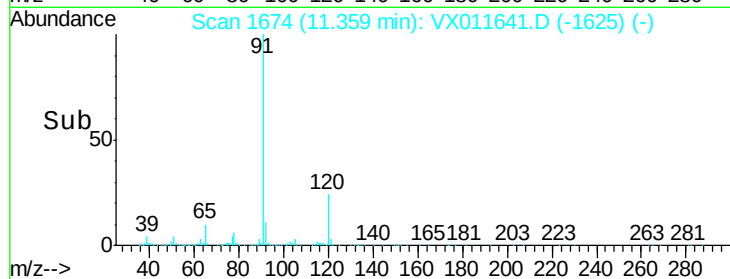
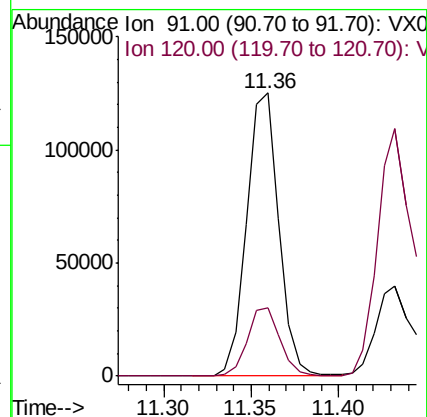
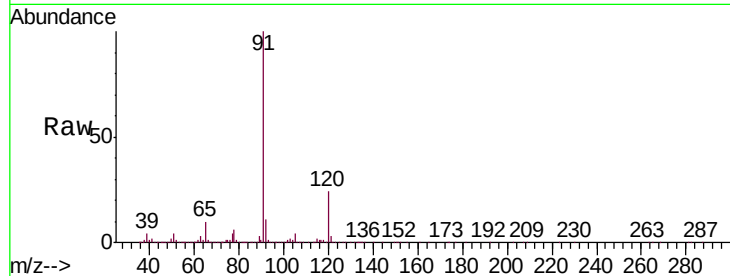
PH2-0142DL

Tgt Ion: 91 Resp: 158858

Ion Ratio Lower Upper

91 100

120 24.7 12.6 37.6



#79

2-Chlorotoluene

Concen: 5.486 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011641.D

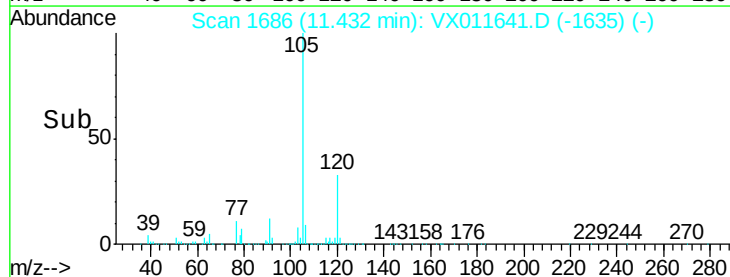
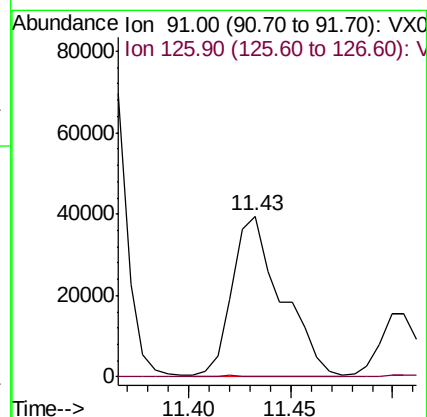
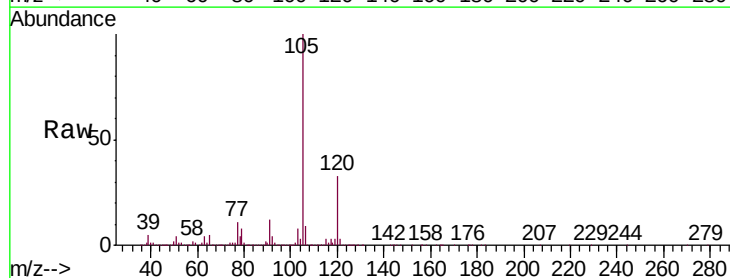
Acq: 19 Aug 2019 18:50

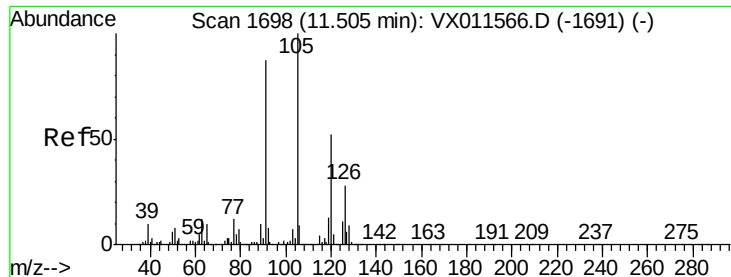
Tgt Ion: 91 Resp: 66002

Ion Ratio Lower Upper

91 100

126 1.0 18.4 55.0#

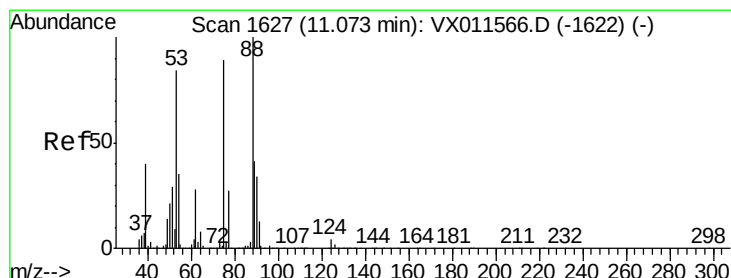
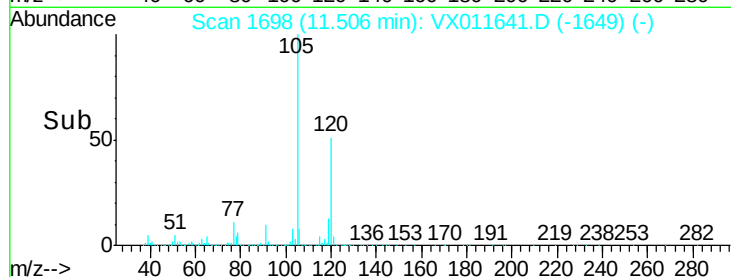
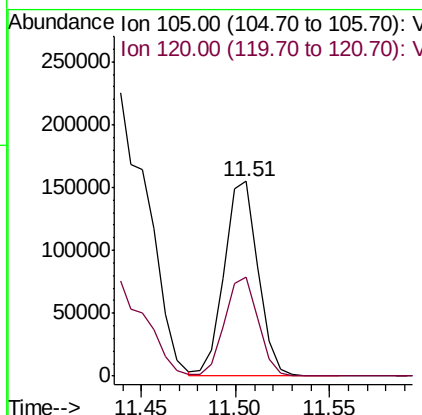
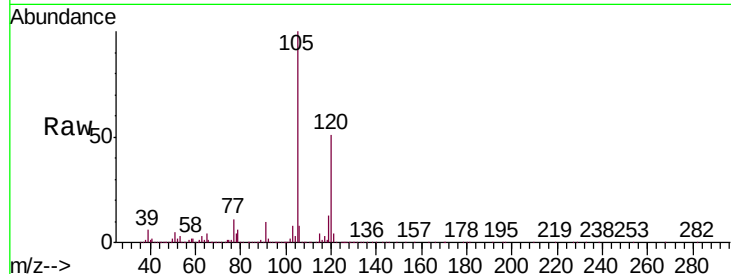




#80
 1,3,5-Trimethylbenzene
 Concen: 12.625 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011641.D
 Acq: 19 Aug 2019 18:50

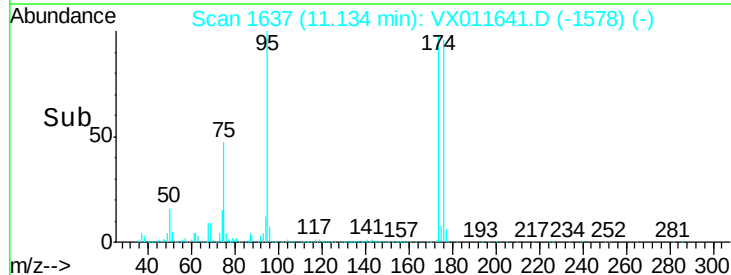
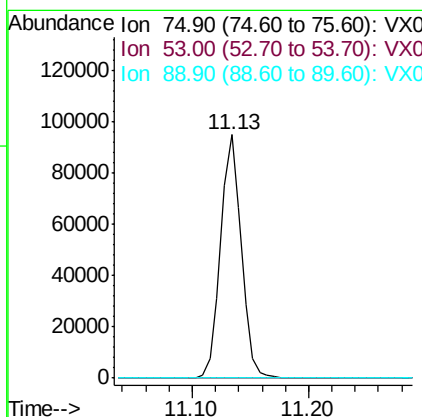
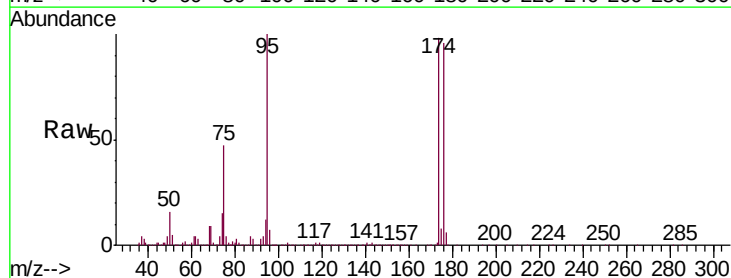
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0142DL

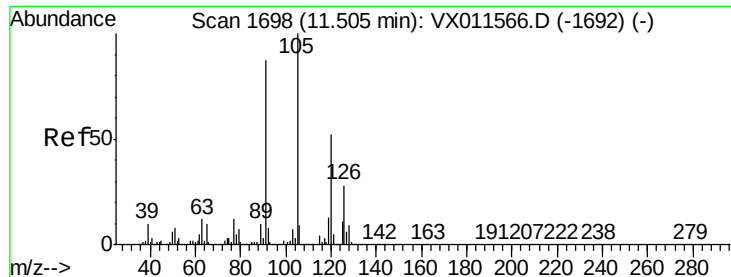
Tgt Ion: 105 Resp: 192686
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.364 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011641.D
 Acq: 19 Aug 2019 18:50

Tgt Ion: 75 Resp: 116008
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.4 116.0#
 89 0.0 37.3 55.9#





#82

4-Chlorotoluene

Concen: 1.427 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

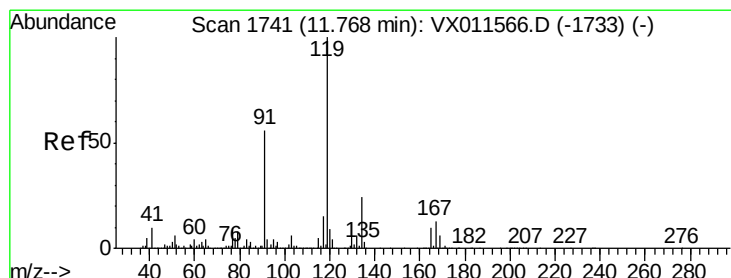
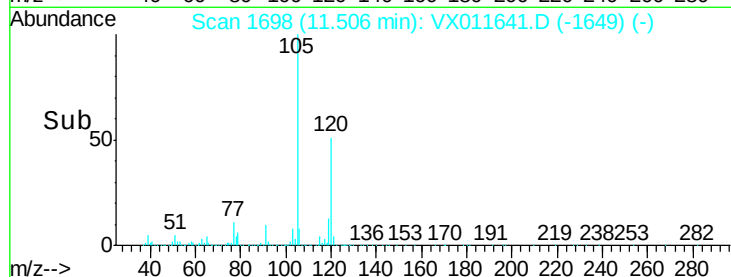
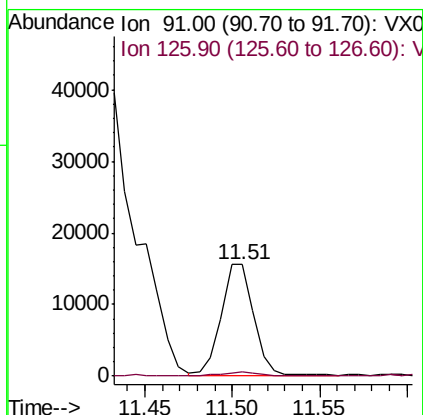
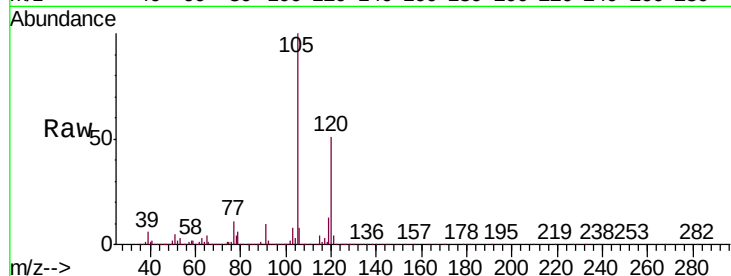
PH2-0142DL

Tgt Ion: 91 Resp: 19922

Ion Ratio Lower Upper

91 100

126 4.4 16.4 49.1#



#83

tert-Butylbenzene

Concen: 4.082 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

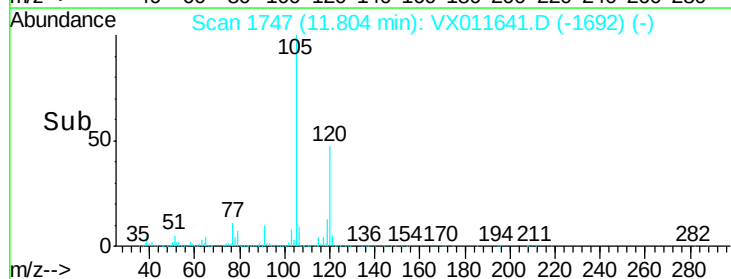
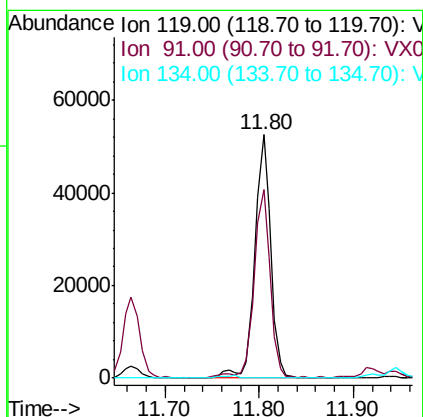
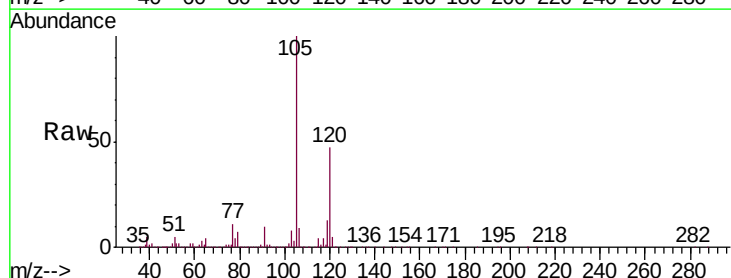
Tgt Ion: 119 Resp: 63446

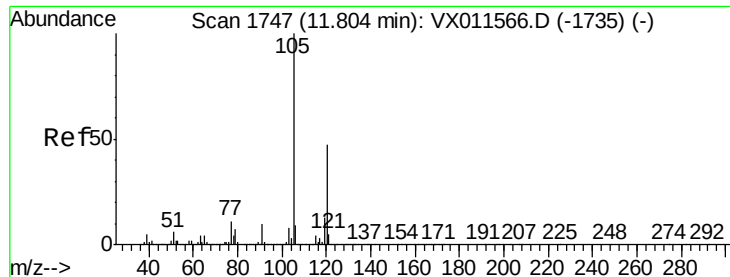
Ion Ratio Lower Upper

119 100

91 77.9 27.1 81.3

134 0.0 11.8 35.3#

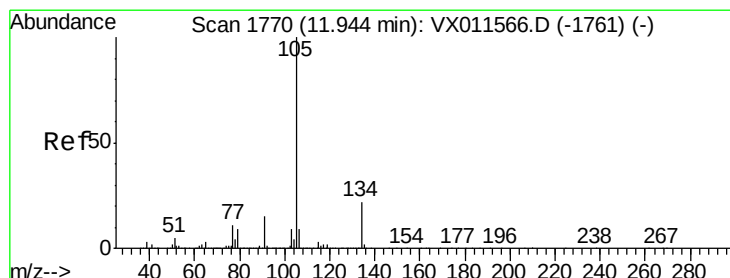
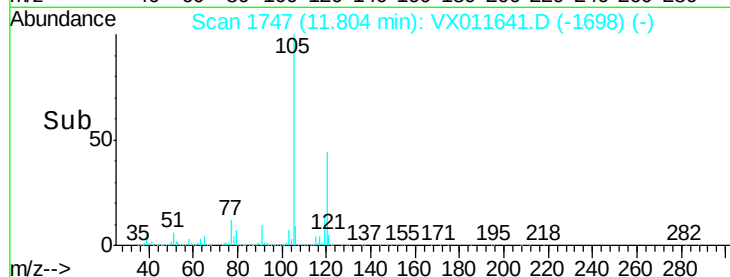
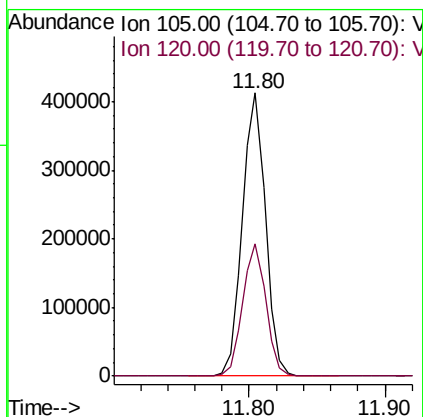
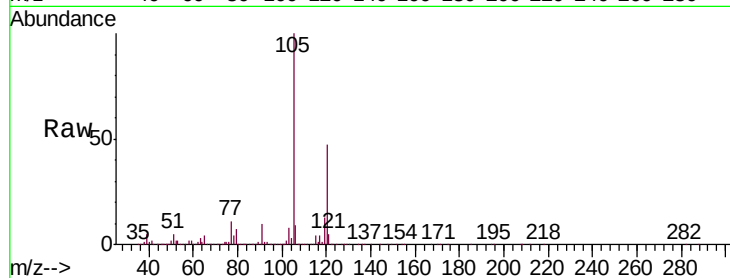




#84
 1,2,4-Trimethylbenzene
 Concen: 31.849 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011641.D
 Acq: 19 Aug 2019 18:50

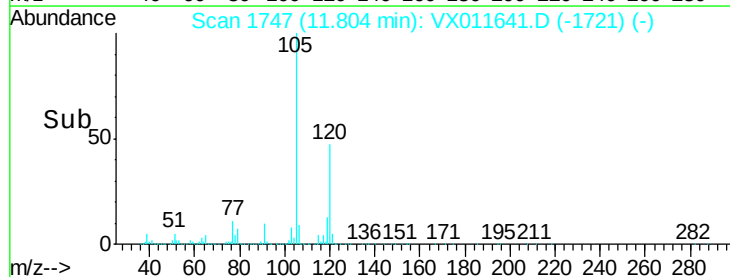
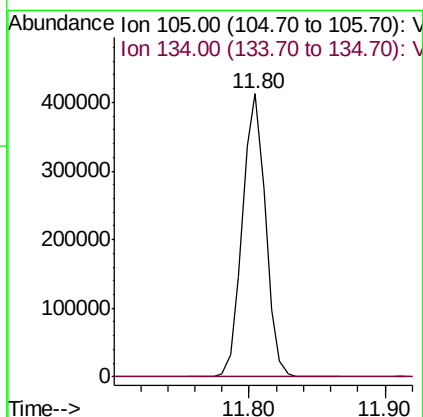
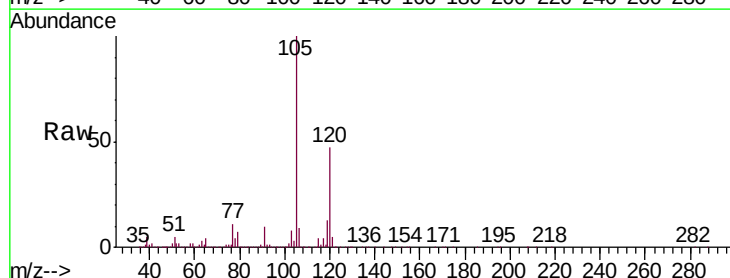
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0142DL

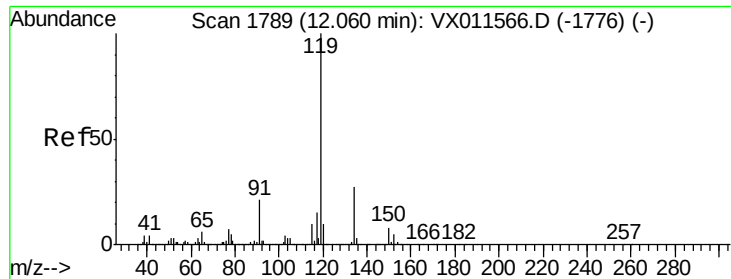
Tgt Ion:105 Resp: 487997
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.3 69.9



#85
 sec-Butylbenzene
 Concen: 27.825 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX011641.D
 Acq: 19 Aug 2019 18:50

Tgt Ion:105 Resp: 487997
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#

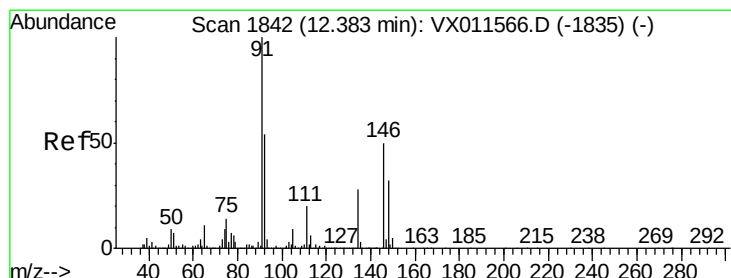
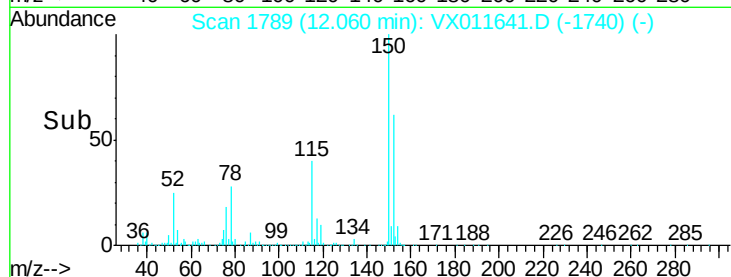
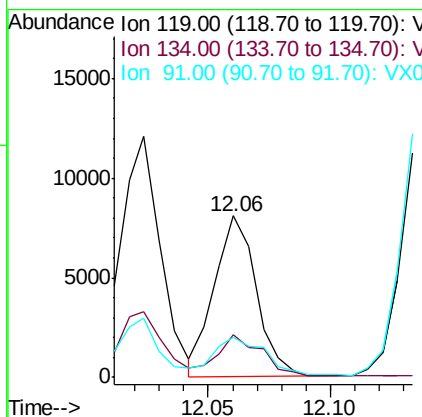
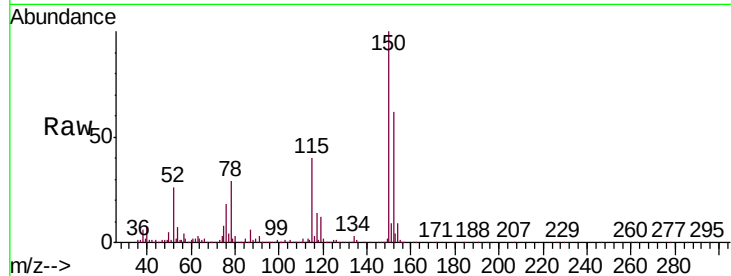




#86
p-Isopropyltoluene
Concen: 0.582 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX011641.D
Acq: 19 Aug 2019 18:50

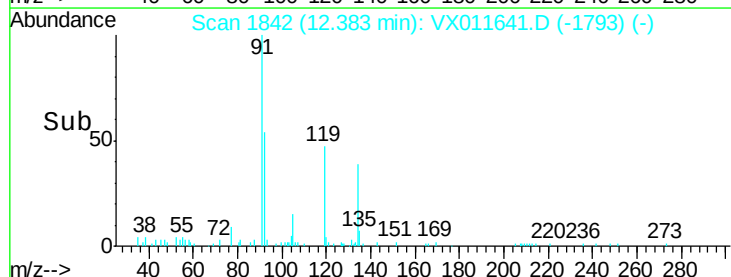
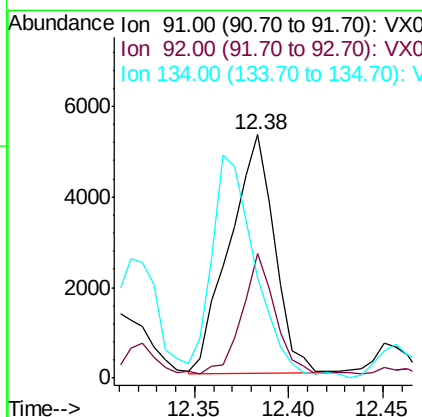
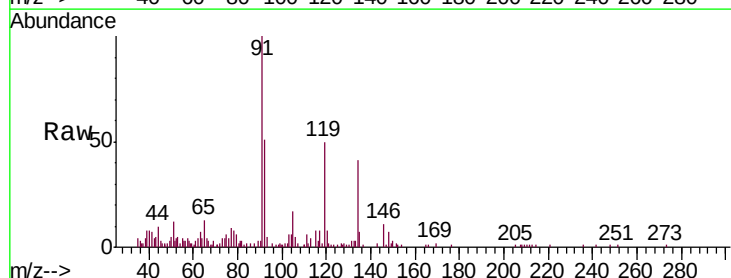
Instrument :
MSVOA_X
ClientSampleId :
PH2-0142DL

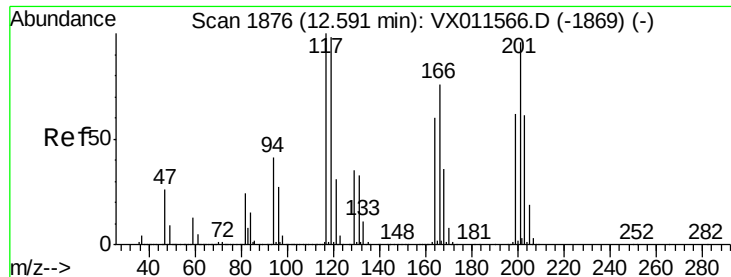
Tgt Ion: 119 Resp: 9608
Ion Ratio Lower Upper
119 100
134 27.3 13.6 40.8
91 28.2 10.9 32.9



#89
n-Butylbenzene
Concen: 0.645 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011641.D
Acq: 19 Aug 2019 18:50

Tgt Ion: 91 Resp: 8748
Ion Ratio Lower Upper
91 100
92 39.1 26.8 80.3
134 90.9 14.6 44.0#





#90

Hexachloroethane

Concen: 0.347 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

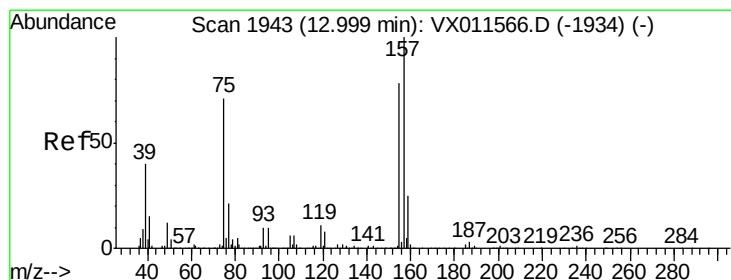
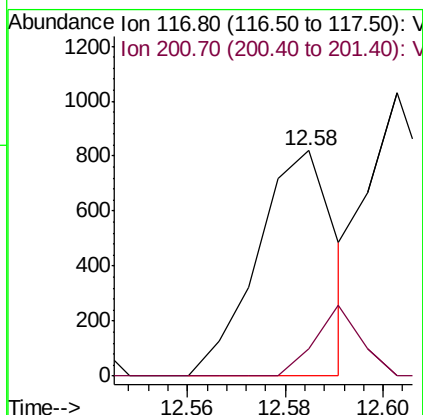
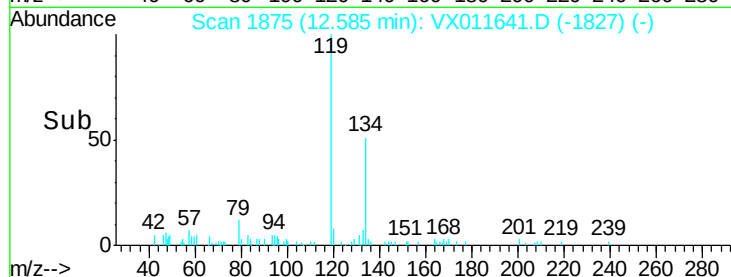
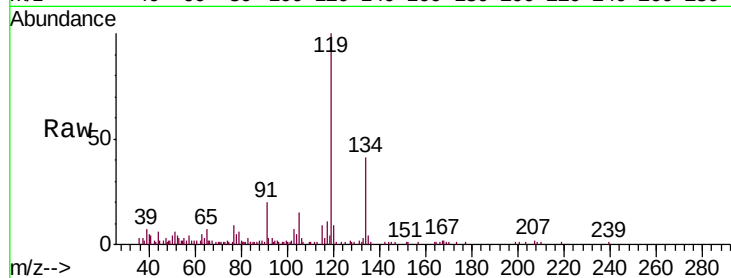
PH2-0142DL

Tgt Ion:117 Resp: 905

Ion Ratio Lower Upper

117 100

201 18.5 51.9 155.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.459 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

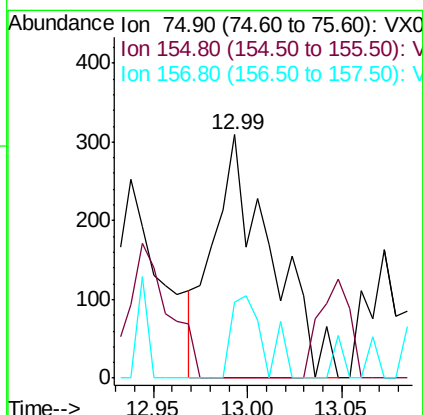
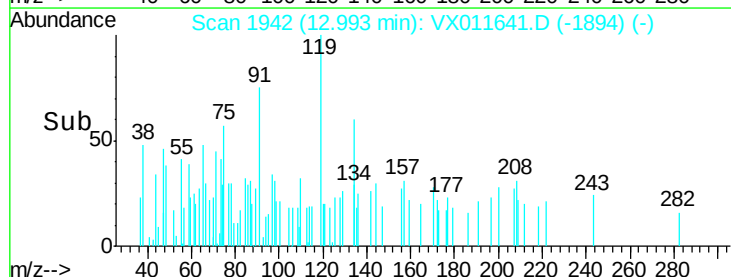
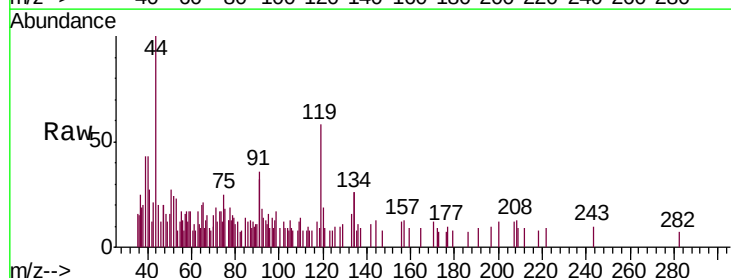
Tgt Ion: 75 Resp: 657

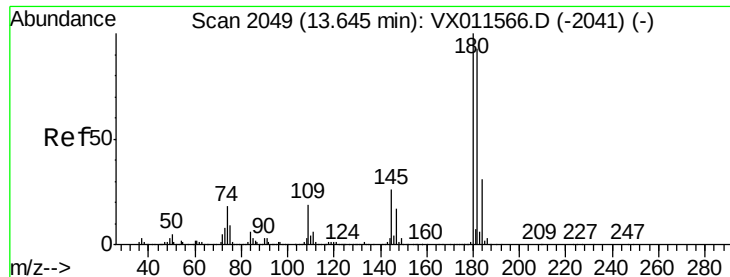
Ion Ratio Lower Upper

75 100

155 0.0 53.0 159.0#

157 19.3 68.3 205.1#

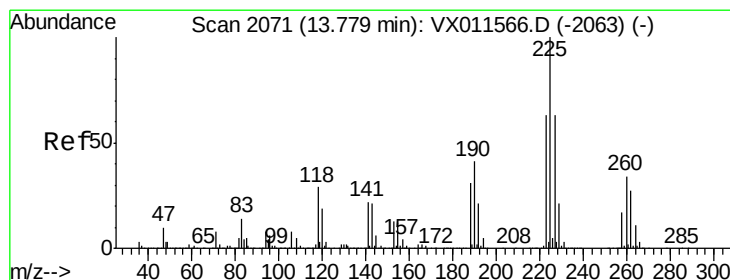
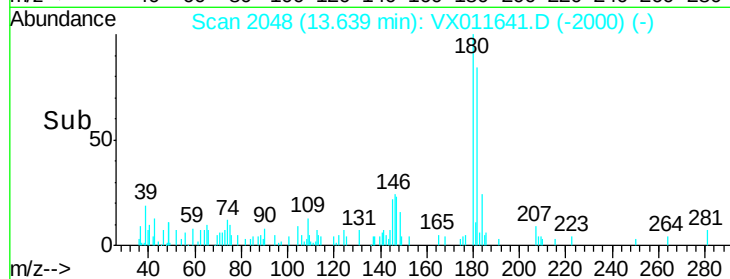
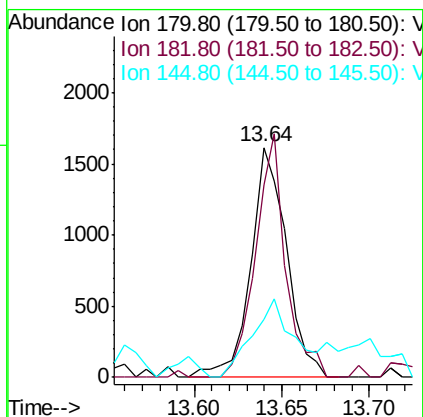
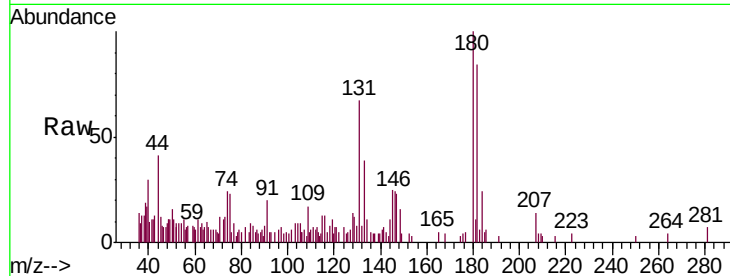




#93
 1,2,4-Trichlorobenzene
 Concen: 0.331 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011641.D
 Acq: 19 Aug 2019 18:50

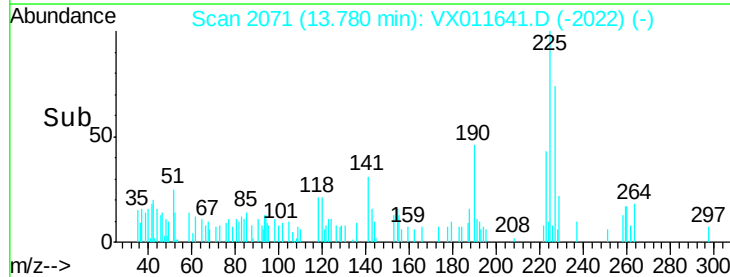
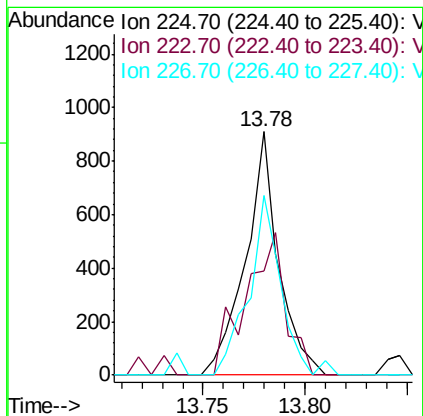
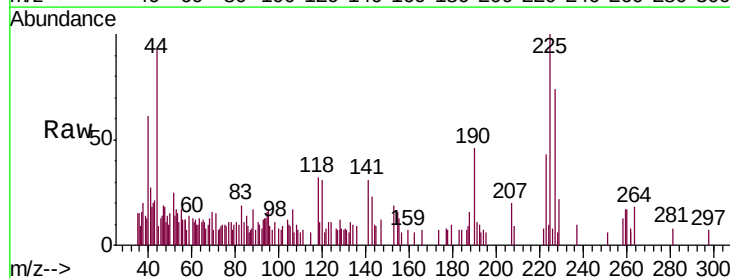
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0142DL

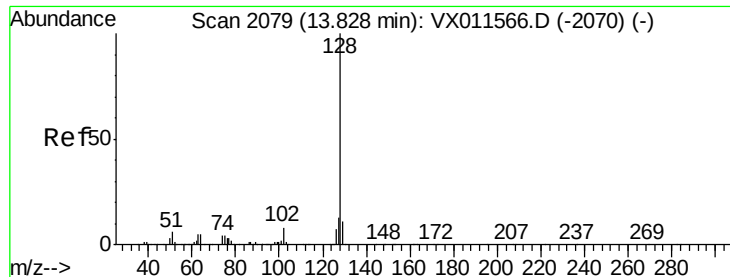
Tgt Ion:180 Resp: 2300
 Ion Ratio Lower Upper
 180 100
 182 89.3 47.3 142.0
 145 40.5 13.6 40.8



#94
 Hexachlorobutadiene
 Concen: 0.270 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011641.D
 Acq: 19 Aug 2019 18:50

Tgt Ion:225 Resp: 1023
 Ion Ratio Lower Upper
 225 100
 223 71.3 31.4 94.0
 227 72.3 31.2 93.6





#95

Naphthalene

Concen: 5.561 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

PH2-0142DL

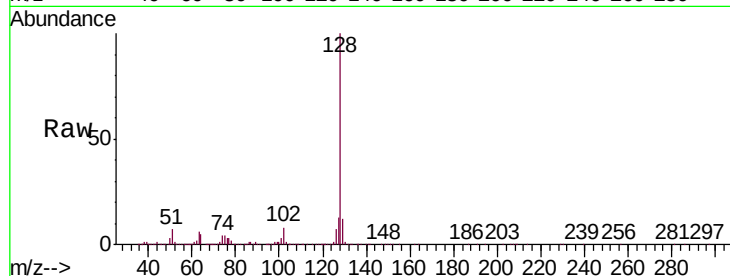
Tgt Ion:128 Resp: 109246

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

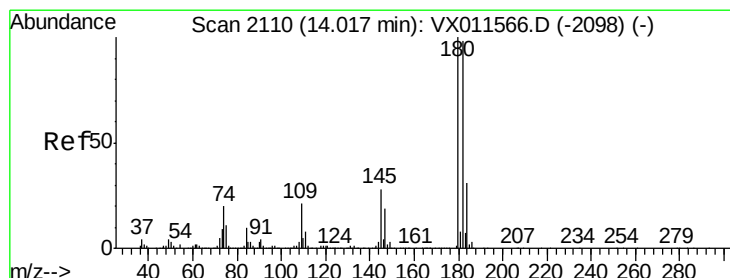
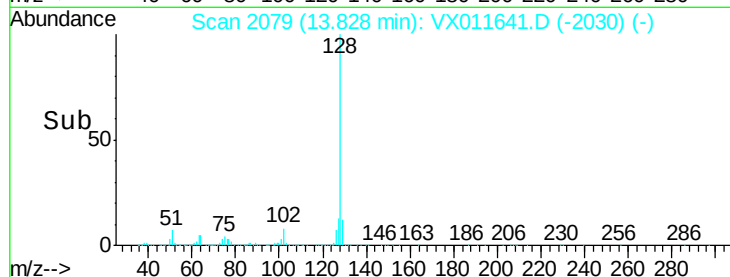
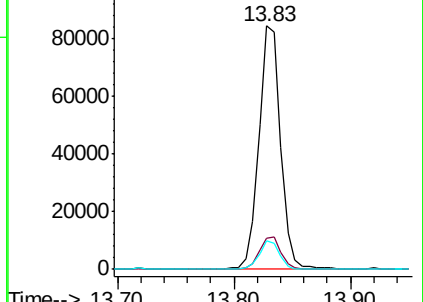
129 11.6 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 0.256 ug/l

RT: 14.01 min Scan# 2109

Delta R.T. -0.01 min

Lab File: VX011641.D

Acq: 19 Aug 2019 18:50

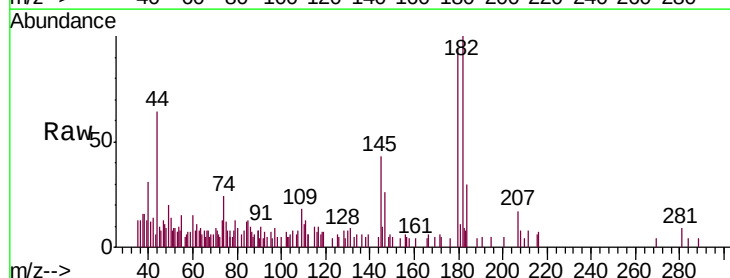
Tgt Ion:180 Resp: 1793

Ion Ratio Lower Upper

180 100

182 114.9 48.0 144.0

145 29.4 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

