

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101218\
 Data File : VX005326.D
 Acq On : 13 Oct 2018 06:44
 Operator : JC/MD
 Sample : J5481-01
 Misc : 5.00µg/5mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-WS-EP-COMP1

Quant Time: Oct 15 00:55:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	280519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	397221	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216683	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159357	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	5.50	113	127026	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	8.71	98	489139	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
62) 4-Bromofluorobenzene	11.15	95	154130	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	771	0.243	ug/l	93
5) Bromomethane	1.64	94	1993	1.668	ug/l	95
6) Chloroethane	1.73	64	250	0.453	ug/l #	62
10) Methyl Iodide	2.48	142	1000	2.838	ug/l	96
11) Tert butyl alcohol	3.03	59	5206	5.928	ug/l #	78
13) Acrolein	2.31	56	182	Below Cal	#	78
17) Carbon Disulfide	2.53	76	1767	0.237	ug/l	97
18) Methyl Acetate	2.81	43	11483	2.242	ug/l	93
20) Methylene Chloride	2.84	84	4264	0.325	ug/l	98
25) 2-Butanone	4.76	43	2462	0.935	ug/l #	85
36) 1,1-Dichloropropene	5.67	75	18899	4.913	ug/l #	50
38) Carbon Tetrachloride	5.65	117	25209	6.522	ug/l #	16
39) Methylcyclohexane	7.45	83	1328	0.319	ug/l #	58
44) Trichloroethene	7.21	130	490	Below Cal		69
51) 4-Methyl-2-Pentanone	8.68	43	1491	0.327	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	48915	18.292	ug/l #	20
56) Ethyl methacrylate	9.16	69	11504	2.951	ug/l #	1
59) 2-Hexanone	9.55	43	126816	34.548	ug/l #	39
61) 1,2-Dibromoethane	9.68	107	807	0.288	ug/l #	1
67) Ethyl Benzene	10.26	91	7617	0.602	ug/l	97
68) m/p-Xylenes	10.37	106	2392	0.487	ug/l #	1
69) o-Xylene	10.70	106	1037	0.219	ug/l	79
73) Isopropylbenzene	11.02	105	1257293	97.607	ug/l	100
74) N-aryl acetate	10.91	43	931875	149.993	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	638777	131.459	ug/l #	25
76) 1,2,3-Trichloropropane	11.37	75	20475	4.871	ug/l #	1
78) n-propylbenzene	11.37	91	3337454	225.156	ug/l	99
79) 2-Chlorotoluene	11.37	91	3337454	367.641	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.46	105	47417	4.299	ug/l #	27
81) trans-1,4-Dichloro-2-buten	11.02	75	14187	10.256	ug/l #	1
82) 4-Chlorotoluene	11.37	91	3337454	310.135	ug/l #	44
83) tert-Butylbenzene	11.77	119	311737	27.908	ug/l	85
84) 1,2,4-Trimethylbenzene	11.81	105	516099	45.465	ug/l	98
85) sec-Butylbenzene	11.95	105	2268941	171.641	ug/l #	77

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QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

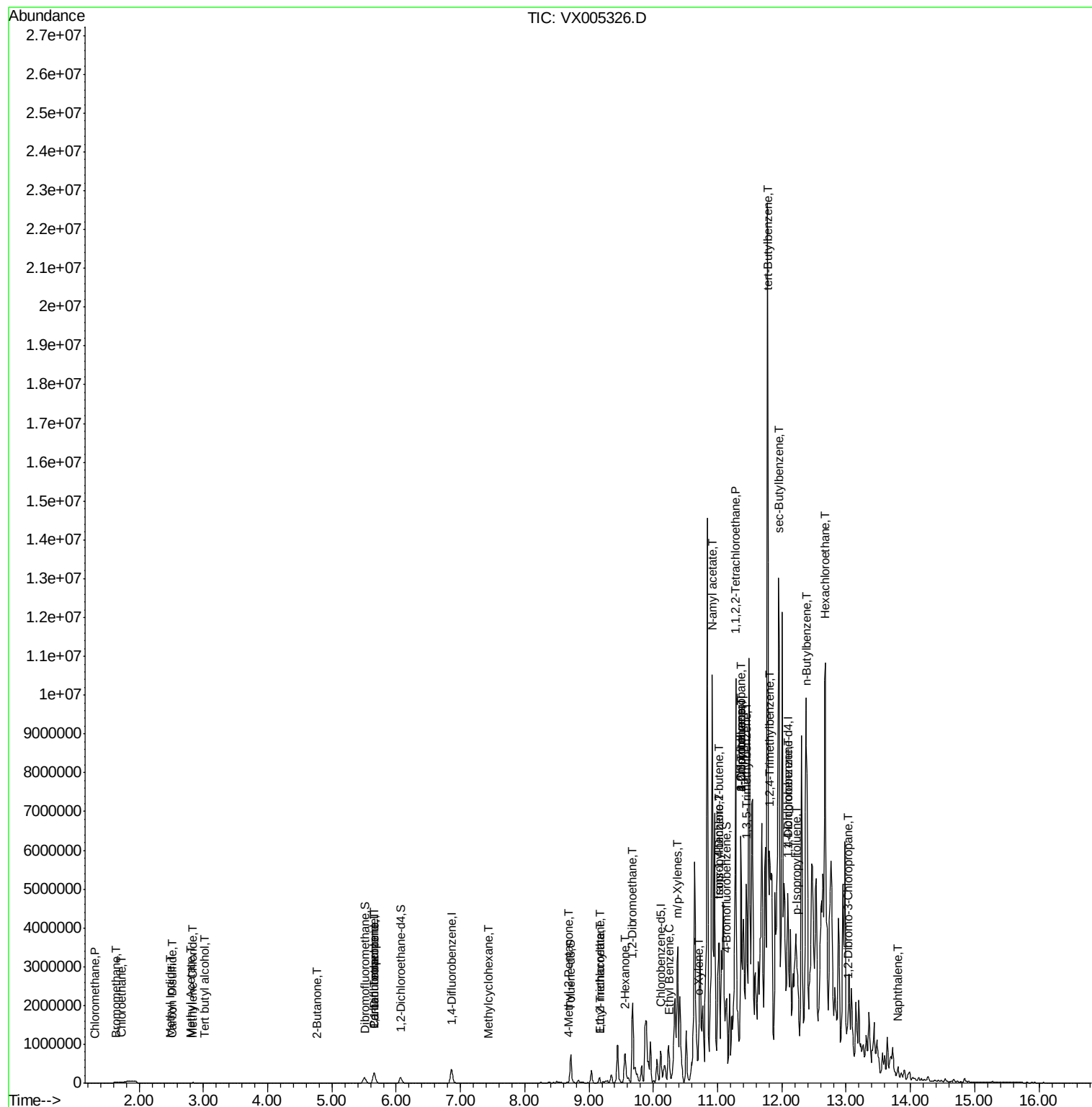
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.24	119	508139	42.529	uq/l	94
88) 1,4-Dichlorobenzene	12.10	146	1590	0.226	uq/l #	1
89) n-Butylbenzene	12.39	91	2234690	205.994	uq/l	88
90) Hexachloroethane	12.68	117	409224	198.737	uq/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1867	1.575	uq/l #	29
95) Naphthalene	13.81	128	12989	0.869	uq/l #	1

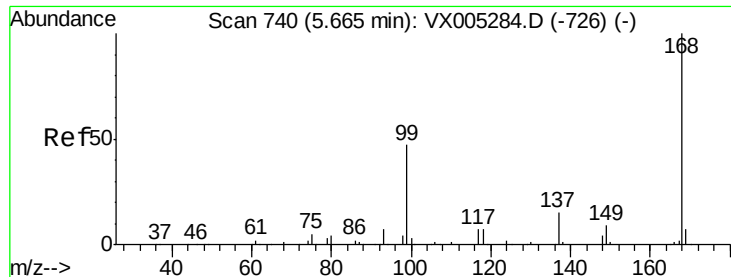
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

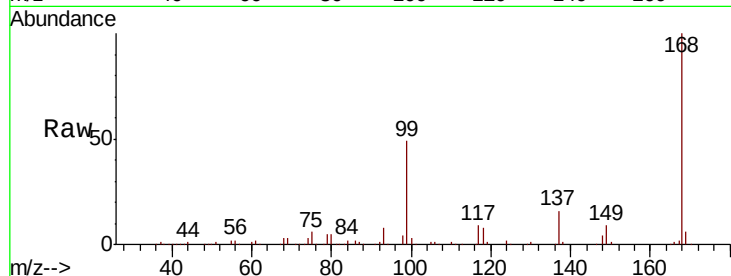
EP1-WS-EP-COMP1

Tot Ion:168 Resp: 280519

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

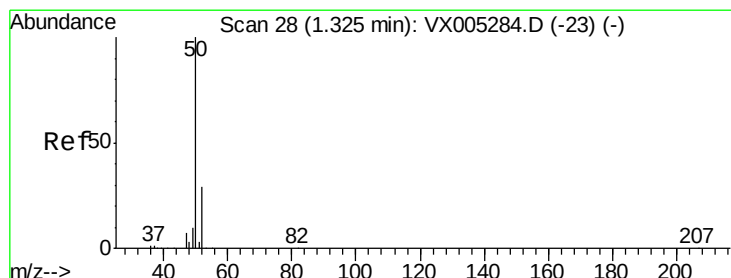
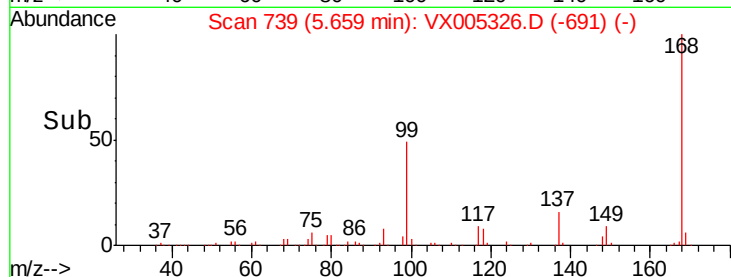
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.243 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX005326.D

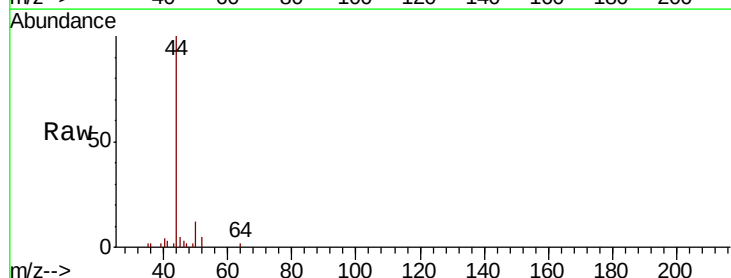
Acq: 13 Oct 2018 06:44

Tgt Ion: 50 Resp: 771

Ion Ratio Lower Upper

50 100

52 36.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

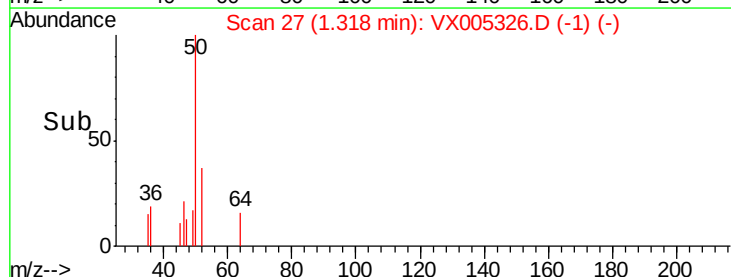
300

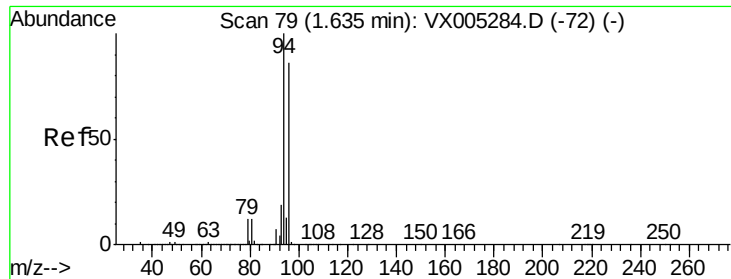
200

100

0

Time--> 1.25 1.30 1.35 1.40





#5

Bromomethane

Concen: 1.668 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

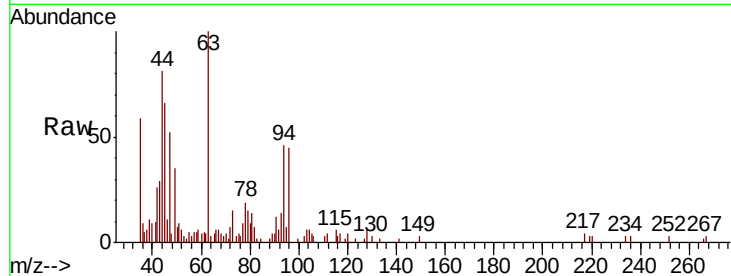
EP1-WS-EP-COMP1

Tot Ion: 94 Resp: 1993

Ion Ratio Lower Upper

94 100

96 98.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1200

1000

800

600

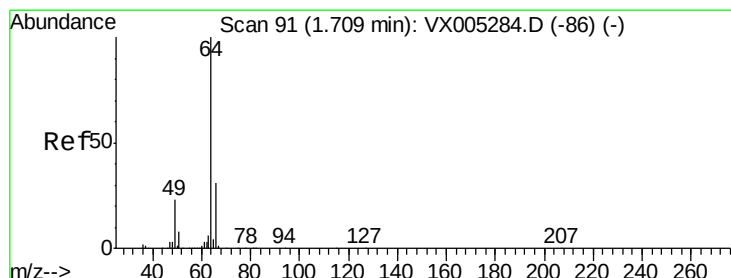
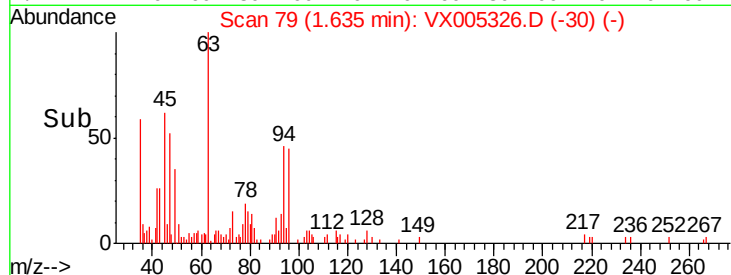
400

200

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 0.453 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX005326.D

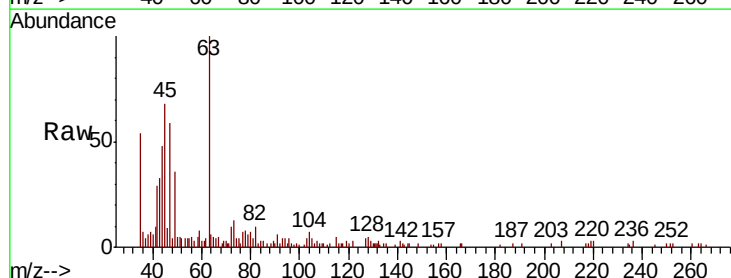
Acq: 13 Oct 2018 06:44

Tgt Ion: 64 Resp: 250

Ion Ratio Lower Upper

64 100

66 9.7 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

300

250

200

150

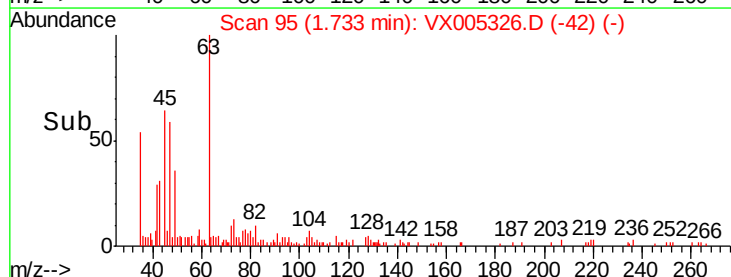
100

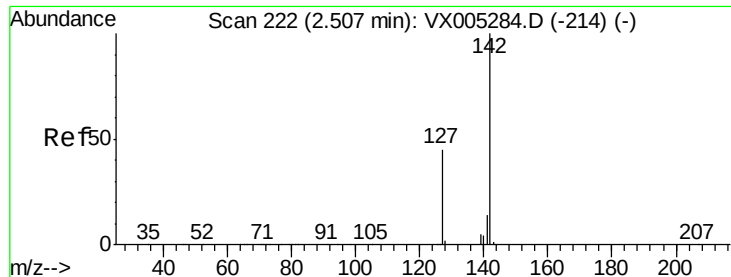
50

0

1.70 1.72 1.74 1.76

Time-->

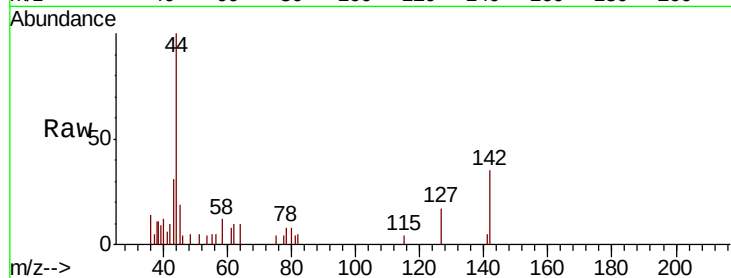




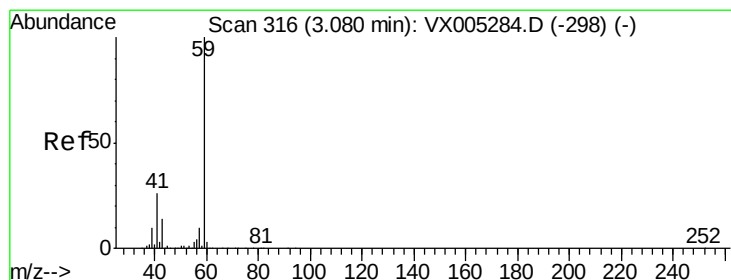
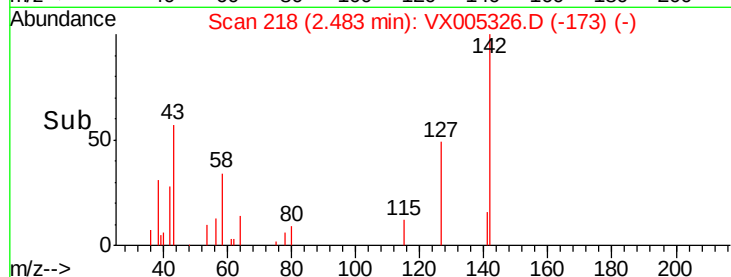
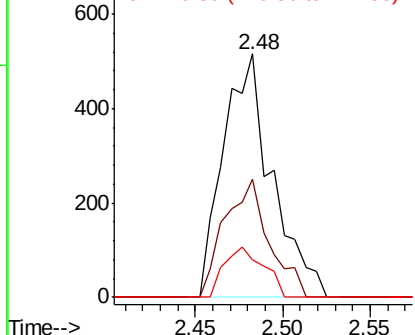
#10
Methvl Iodide
Concen: 2.838 ug/l
RT: 2.48 min Scan# 218
Delta R.T. -0.02 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

Instrument :
MSVOA_X
ClientSampleId :
EP1-WS-EP-COMP1

Tot Ion:142 Resp: 1000
Ion Ratio Lower Upper
142 100
127 44.4 33.8 50.6
141 16.8 11.4 17.0

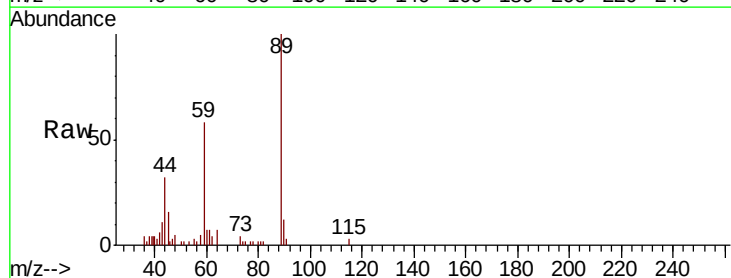


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

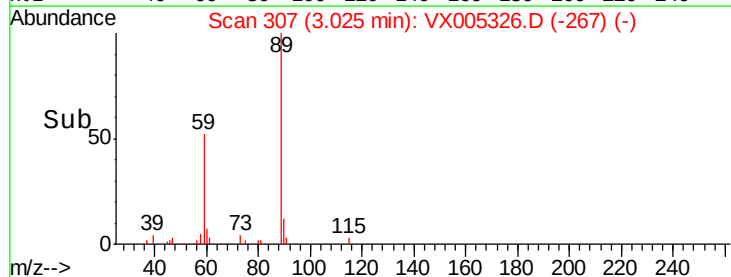
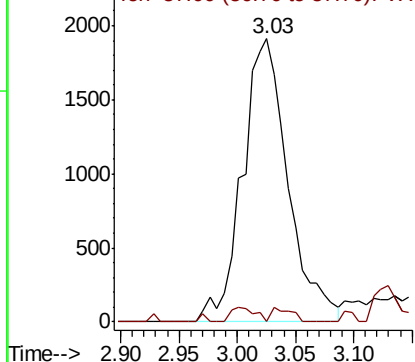


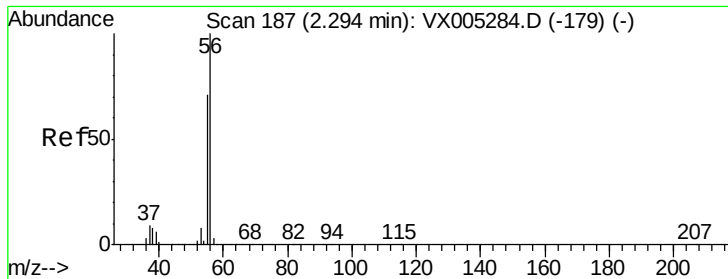
#11
Tert butyl alcohol
Concen: 5.928 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

Tgt Ion: 59 Resp: 5206
Ion Ratio Lower Upper
59 100
57 2.1 8.2 12.4#



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





#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

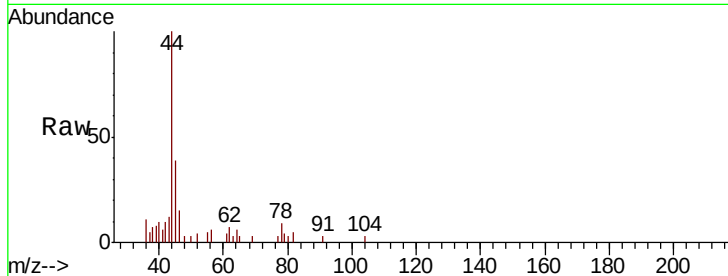
EP1-WS-EP-COMP1

Tot Ion: 56 Resp: 182

Ion Ratio Lower Upper

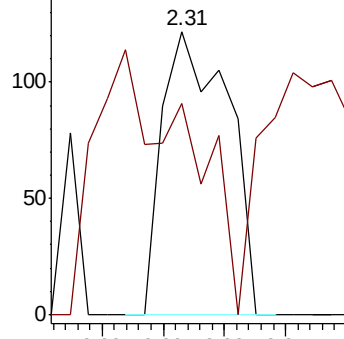
56 100

55 86.3 54.7 82.1#

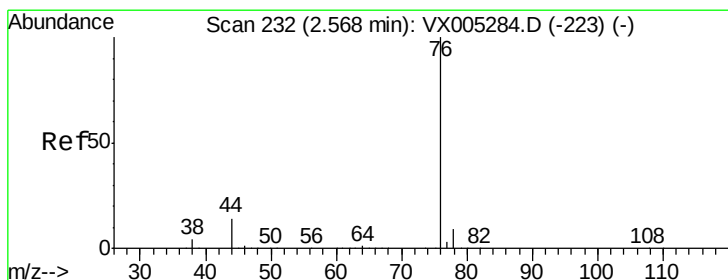
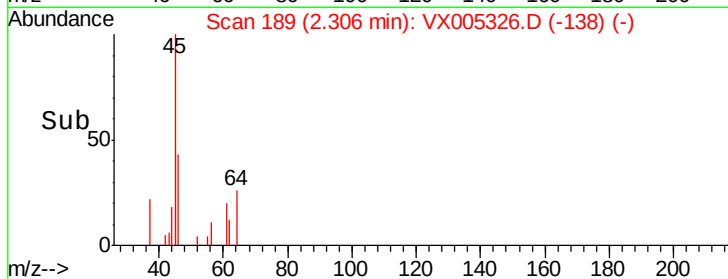


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 0.237 ug/l

RT: 2.53 min Scan# 225

Delta R.T. -0.04 min

Lab File: VX005326.D

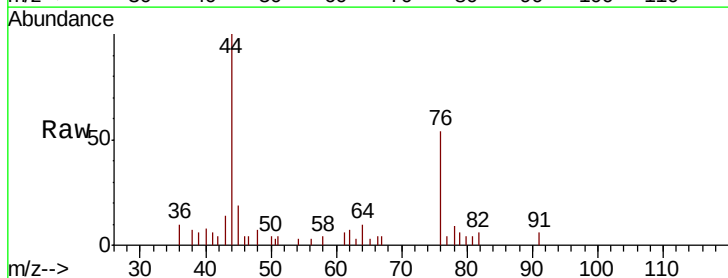
Acq: 13 Oct 2018 06:44

Tgt Ion: 76 Resp: 1767

Ion Ratio Lower Upper

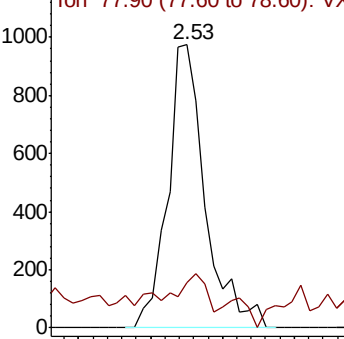
76 100

78 7.8 7.0 10.6

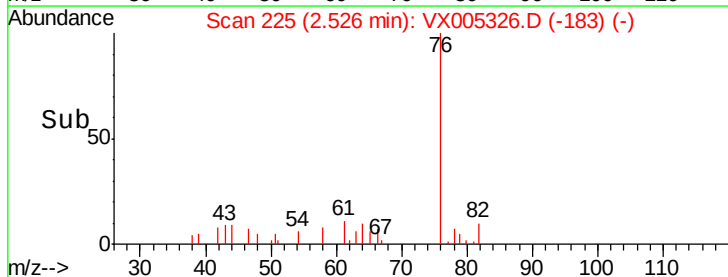


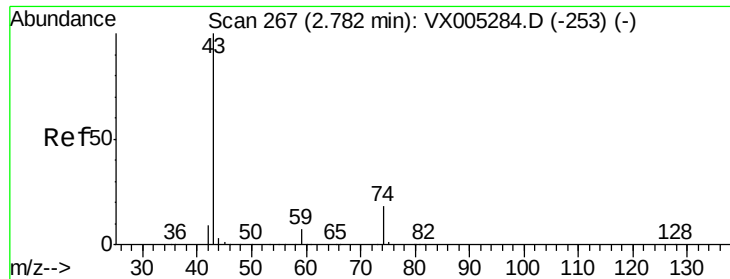
Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->

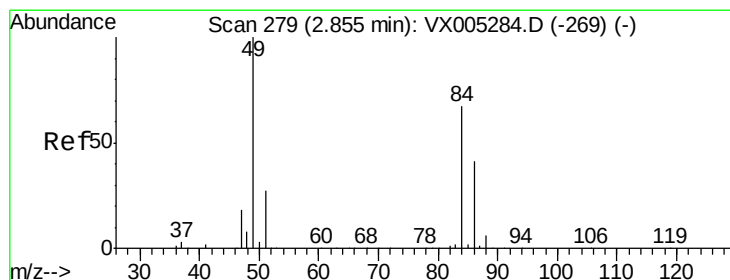
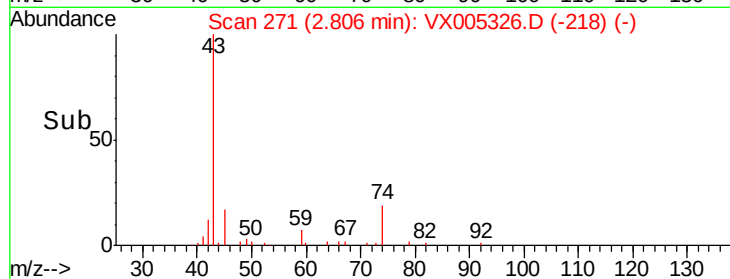
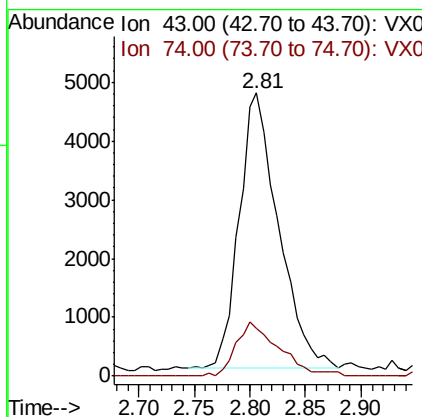
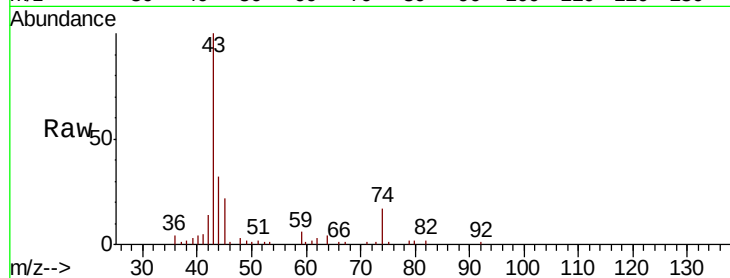




#18
Methyl Acetate
Concen: 2.242 ug/l
RT: 2.81 min Scan# 271
Delta R.T. 0.02 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

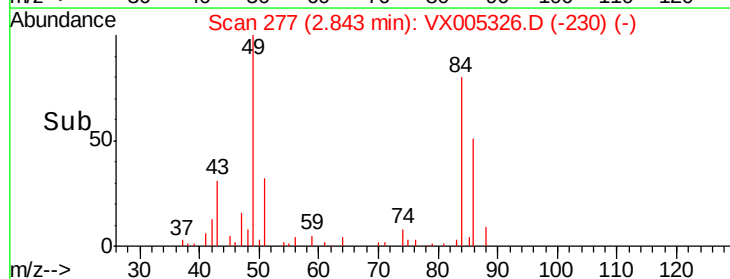
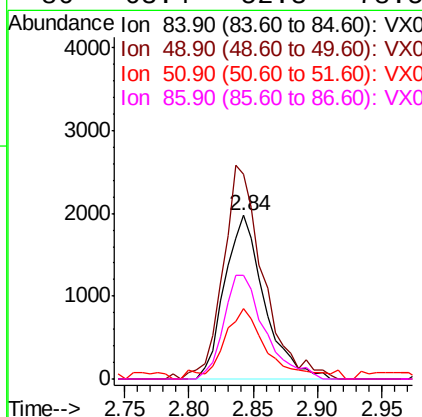
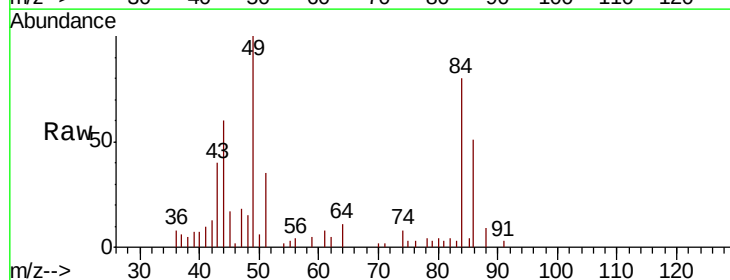
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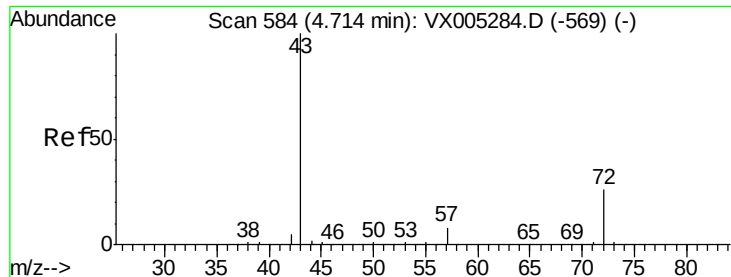
Tot Ion: 43 Resp: 11483
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.2



#20
Methylene Chloride
Concen: 0.325 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

Tgt Ion: 84 Resp: 4264
Ion Ratio Lower Upper
84 100
49 125.5 101.2 151.8
51 38.1 29.5 44.3
86 63.4 52.3 78.5





#25

2-Butanone

Concen: 0.935 ug/l

RT: 4.76 min Scan# 592

Delta R.T. 0.05 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

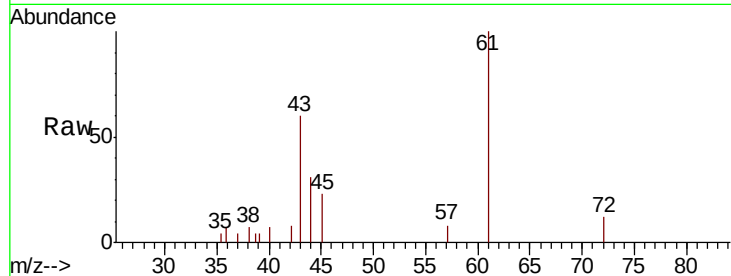
EP1-WS-EP-COMP1

Tot Ion: 43 Resp: 2462

Ion Ratio Lower Upper

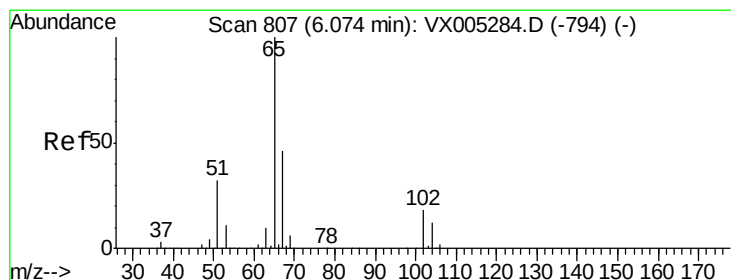
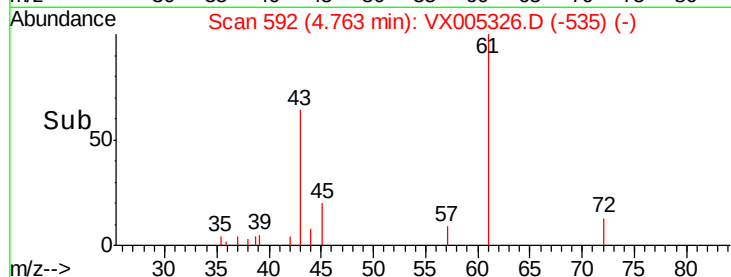
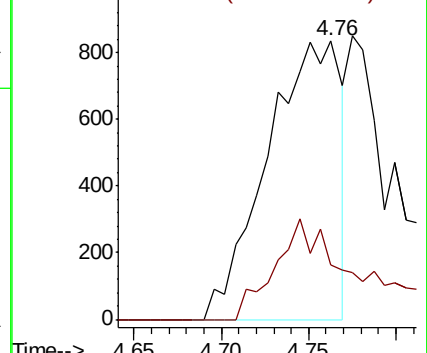
43 100

72 19.6 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.185 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005326.D

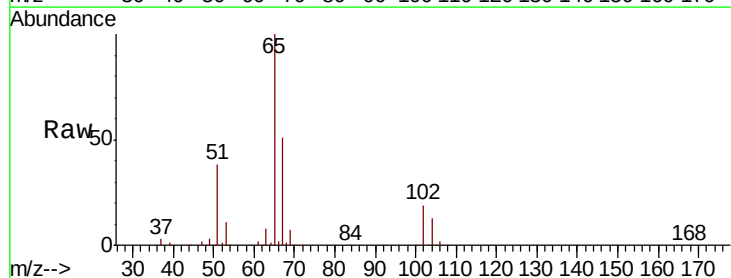
Acq: 13 Oct 2018 06:44

Tgt Ion: 65 Resp: 159357

Ion Ratio Lower Upper

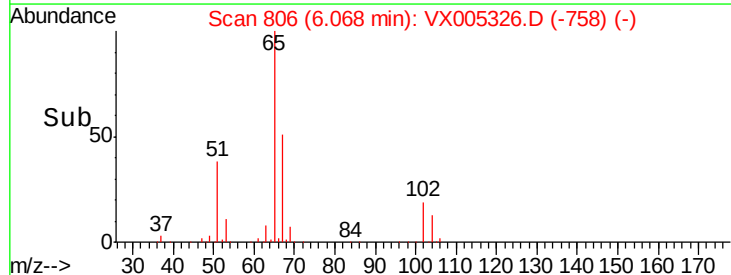
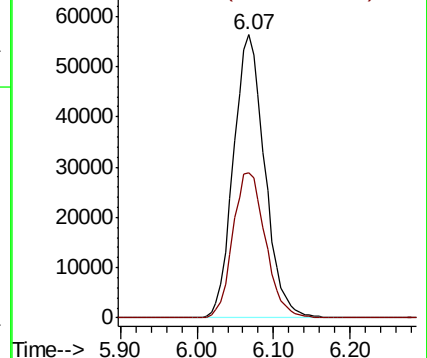
65 100

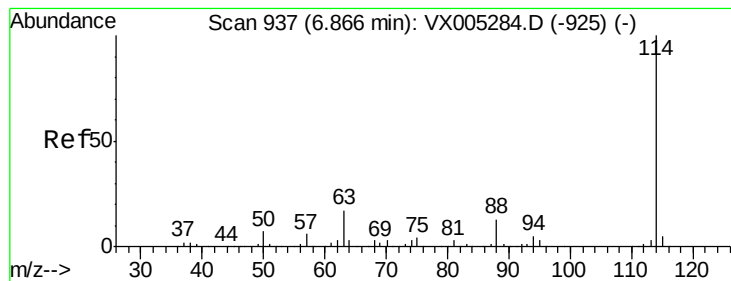
67 53.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. -0.00 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

EP1-WS-EP-COMP1

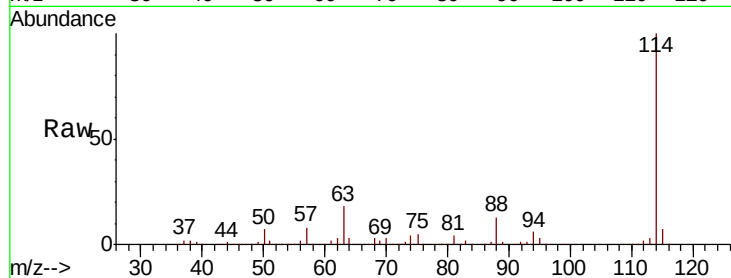
Tot Ion:114 Resp: 397221

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.0

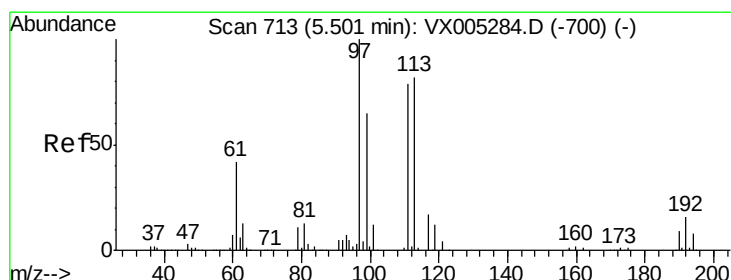
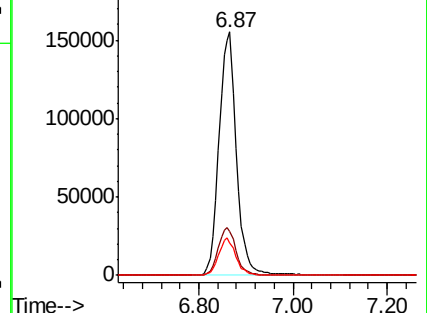
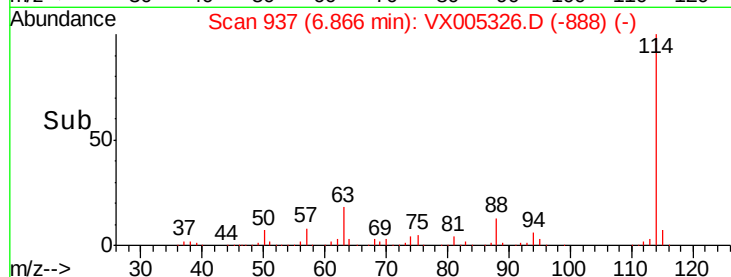
88 13.4 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.282 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

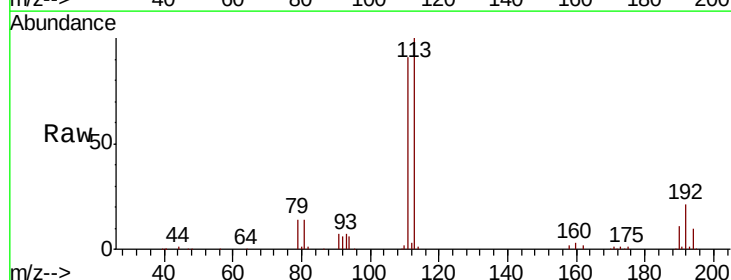
Tgt Ion:113 Resp: 127026

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

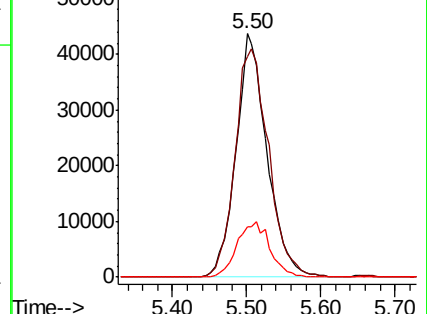
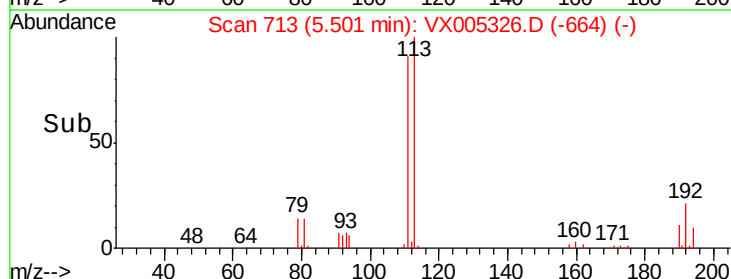
192 24.2 19.4 29.2

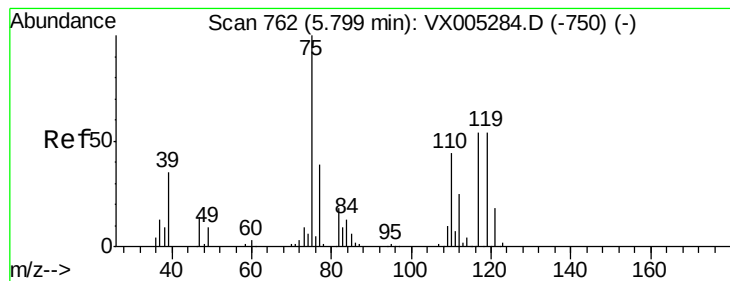


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.913 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

EP1-WS-EP-COMP1

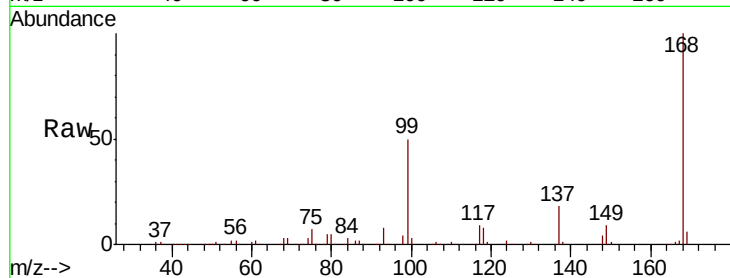
Tot Ion: 75 Resp: 18899

Ion Ratio Lower Upper

75 100

110 9.0 18.0 54.0#

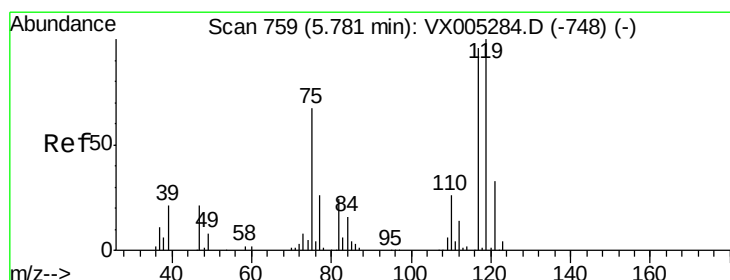
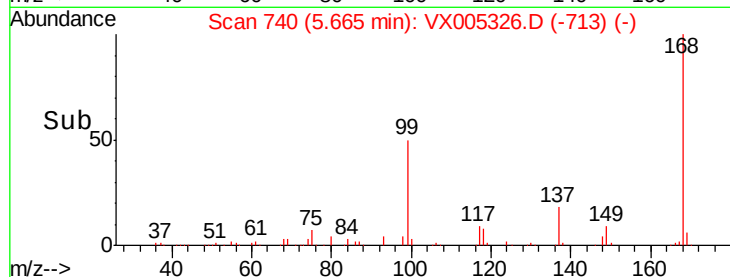
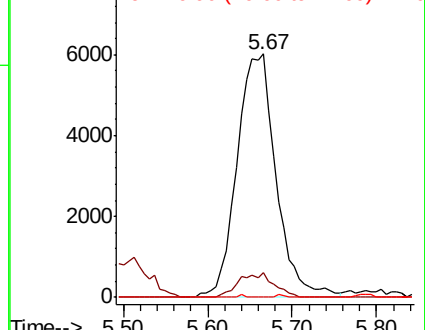
77 0.2 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.522 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

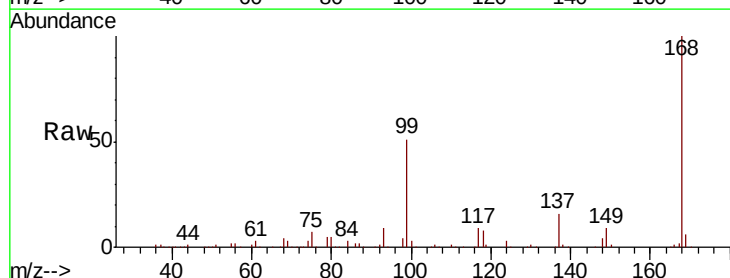
Tgt Ion: 117 Resp: 25209

Ion Ratio Lower Upper

117 100

119 6.7 78.8 118.2#

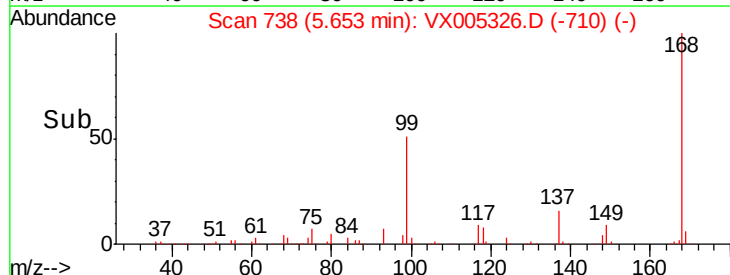
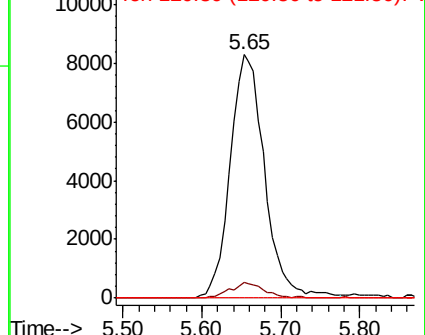
121 0.0 24.9 37.3#

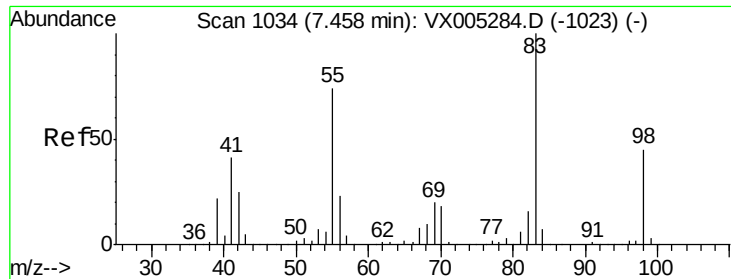


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

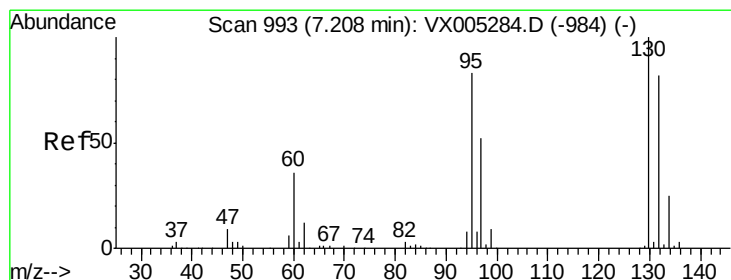
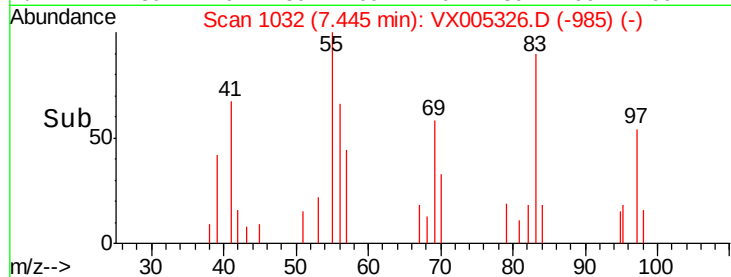
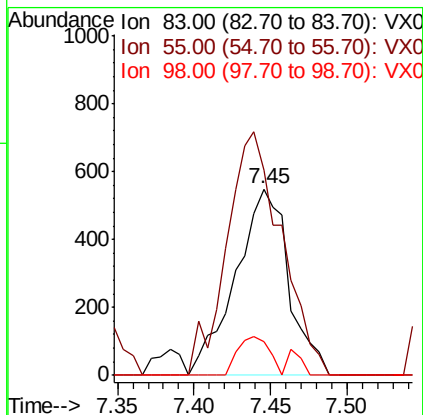
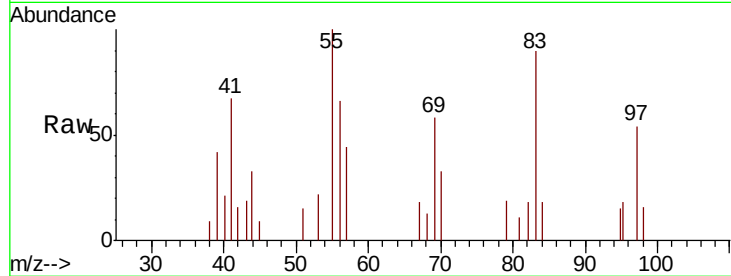




#39
Methylvlcyclohexane
Concen: 0.319 ug/l
RT: 7.45 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

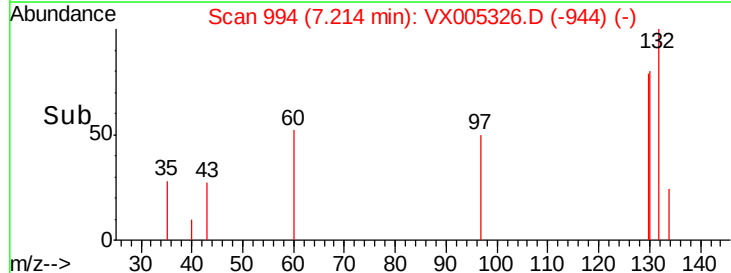
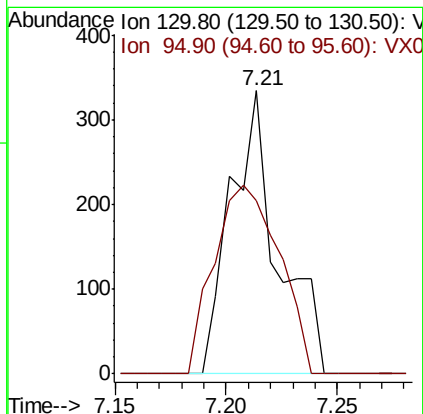
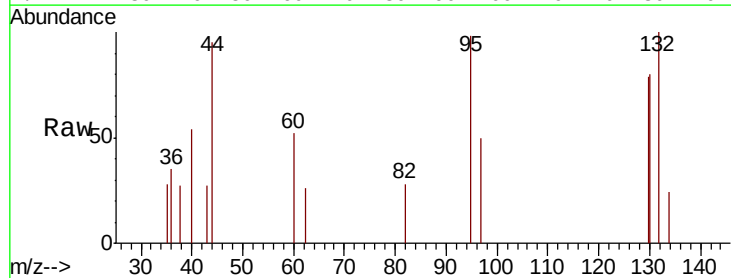
Instrument :
MSVOA_X
ClientSampleId :
EP1-WS-EP-COMP1

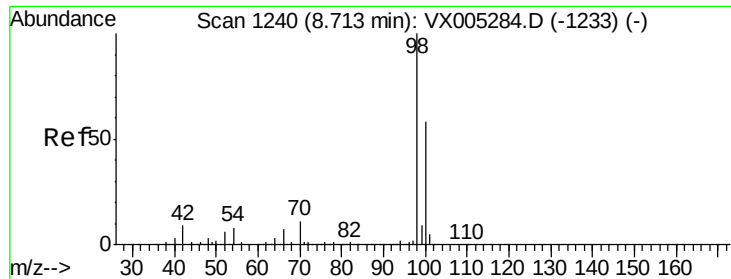
Tot Ion: 83 Resp: 1328
Ion Ratio Lower Upper
83 100
55 110.6 61.0 91.4#
98 17.9 39.6 59.4#



#44
Trichloroethene
Concen: Below Cal
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

Tgt Ion:130 Resp: 490
Ion Ratio Lower Upper
130 100
95 61.4 0.0 181.6

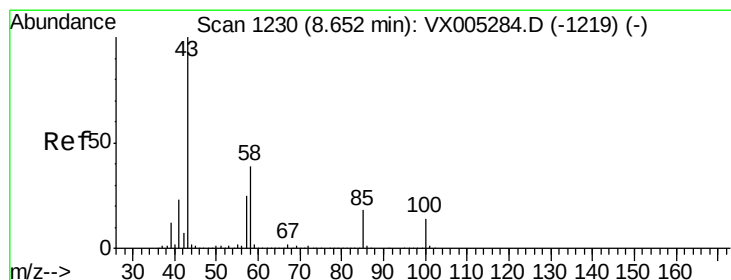
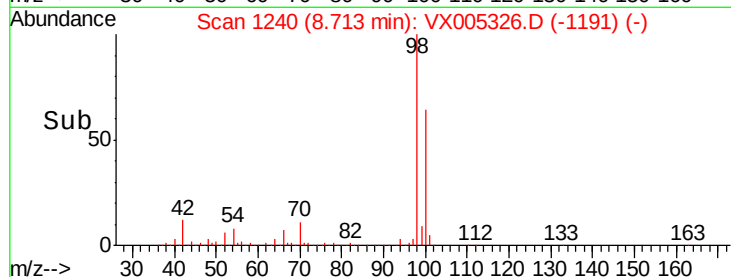
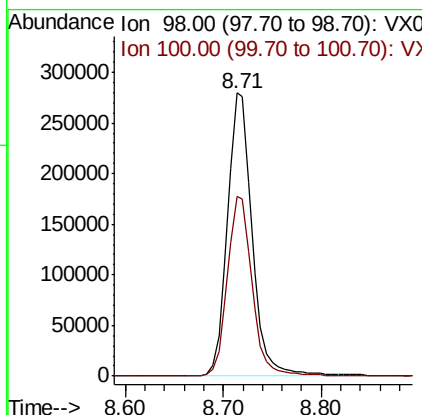
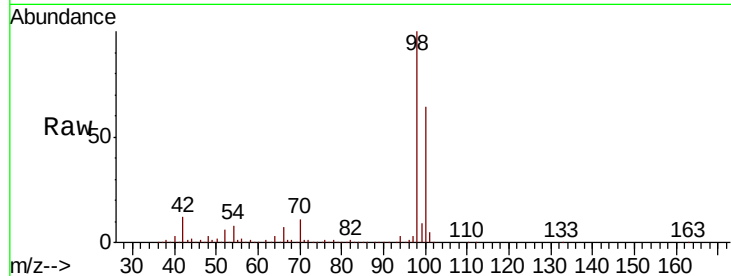




#50
Toluene-d8
Concen: 54.156 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

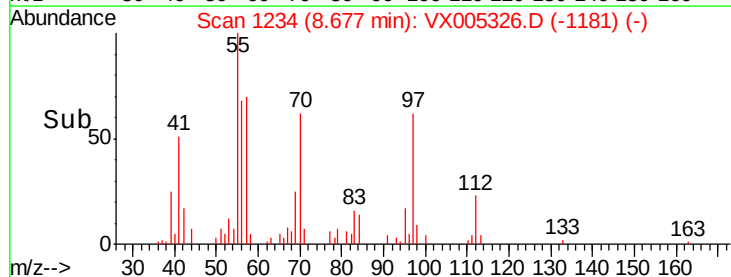
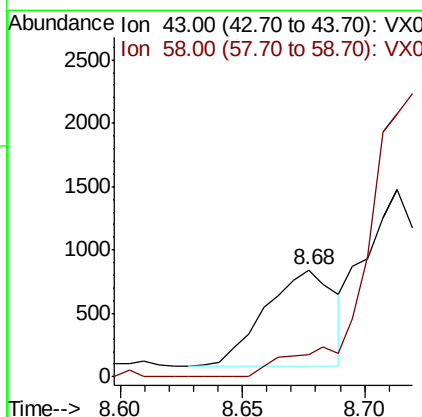
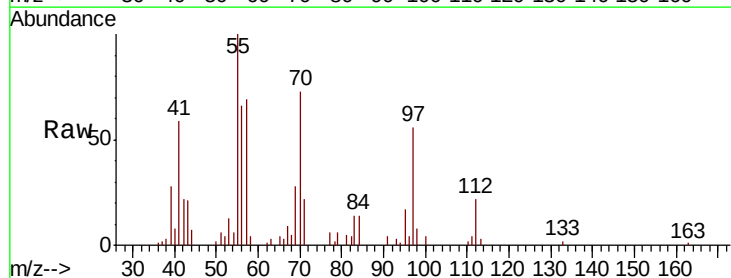
Instrument :
MSVOA_X
ClientSampleId :
EP1-WS-EP-COMP1

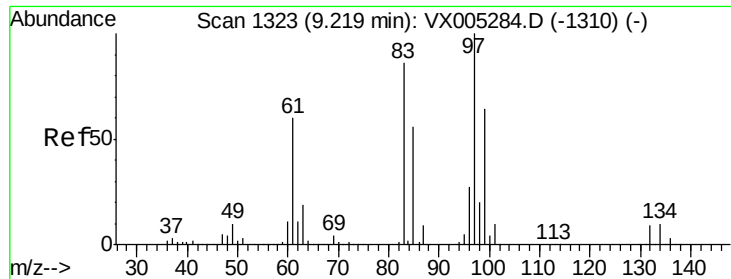
Tot Ion: 98 Resp: 489139
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.327 ug/l
RT: 8.68 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

Tgt Ion: 43 Resp: 1491
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#

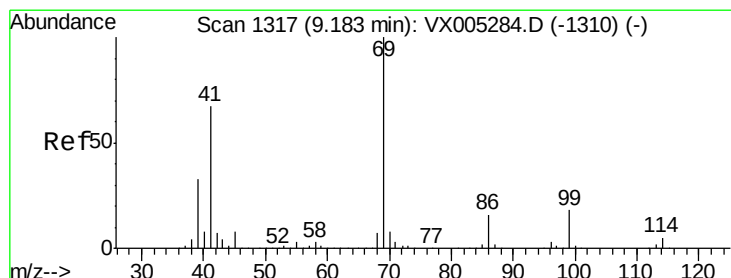
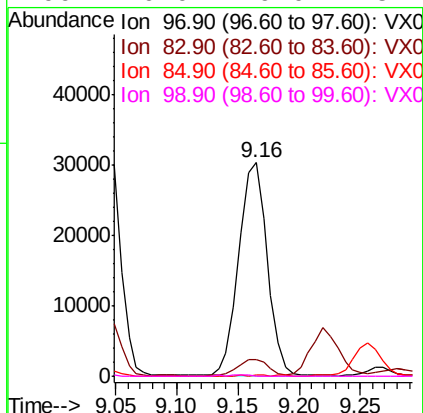
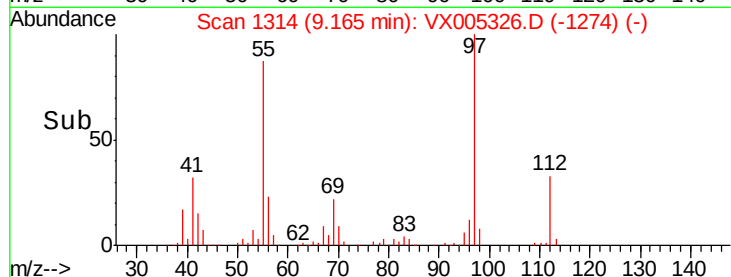
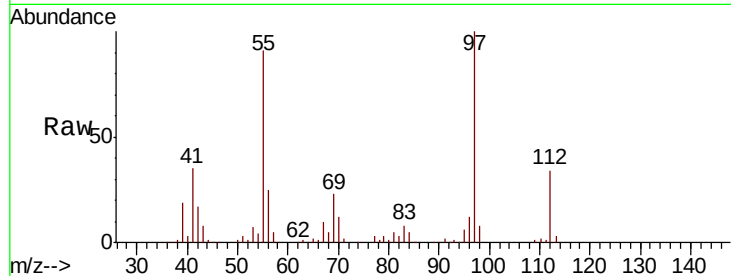




#55
 1,1,2-Trichloroethane
 Concen: 18.292 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX005326.D
 Acq: 13 Oct 2018 06:44

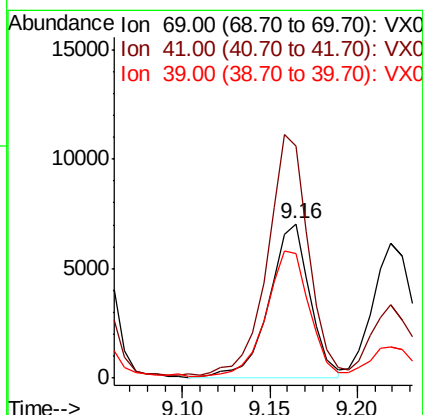
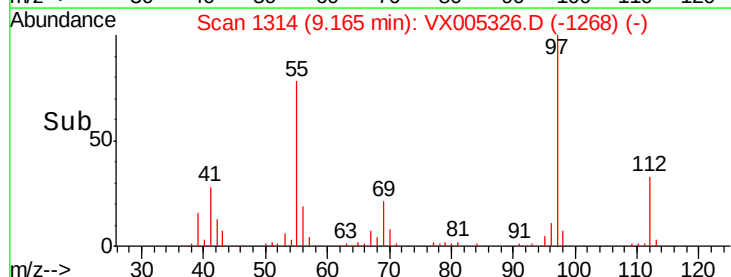
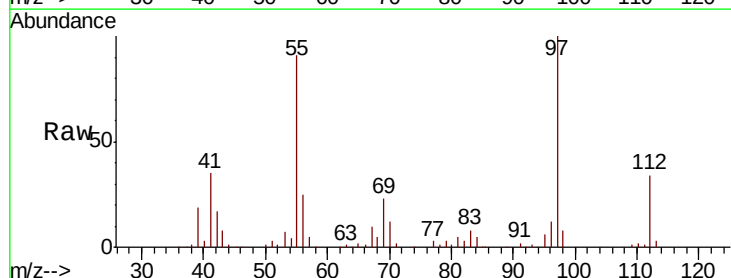
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-WS-EP-COMP1

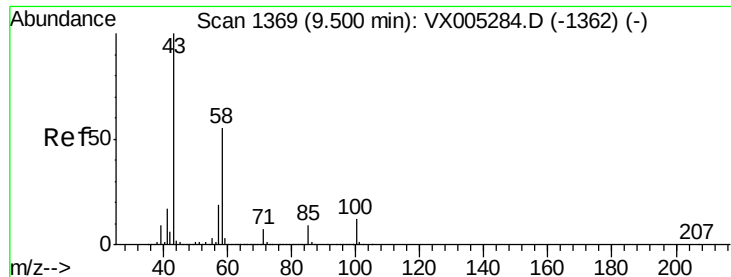
Tot Ion	Ratio	Lower	Upper
97	100		
83	7.5	66.4	99.6#
85	0.5	43.3	64.9#
99	0.0	49.0	73.4#



#56
 Ethyl methacrylate
 Concen: 2.951 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: VX005326.D
 Acq: 13 Oct 2018 06:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	155.1	51.0	76.4#
39	84.9	26.1	39.1#

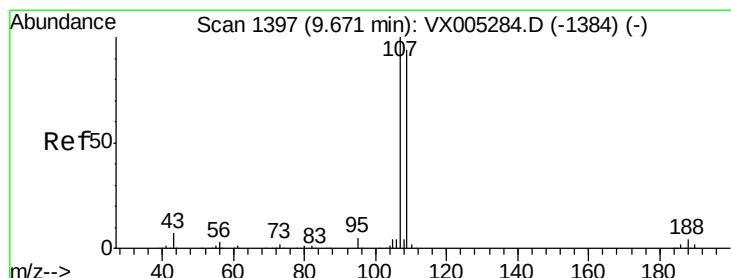
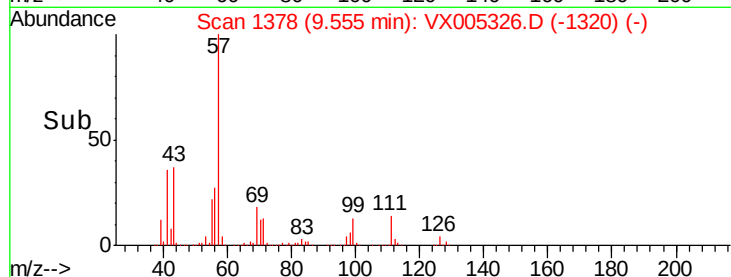
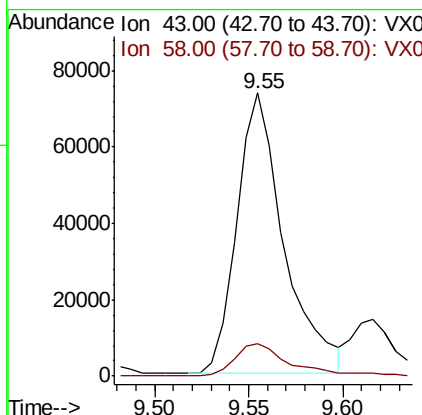
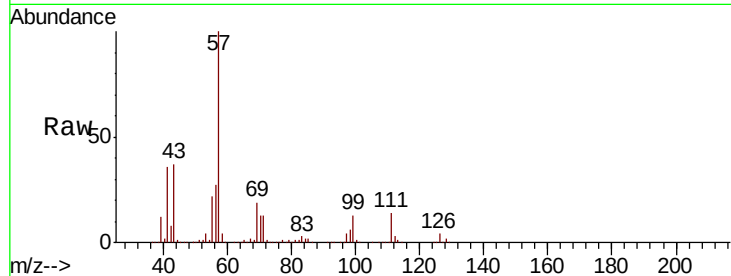




#59
2-Hexanone
Concen: 34.548 ug/l
RT: 9.55 min Scan# 1378
Delta R.T. 0.05 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

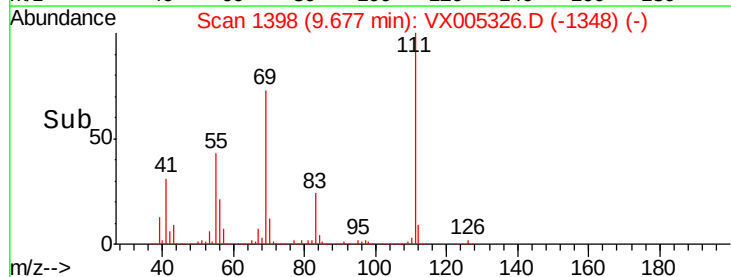
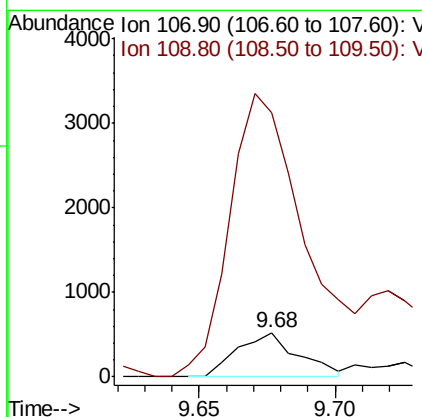
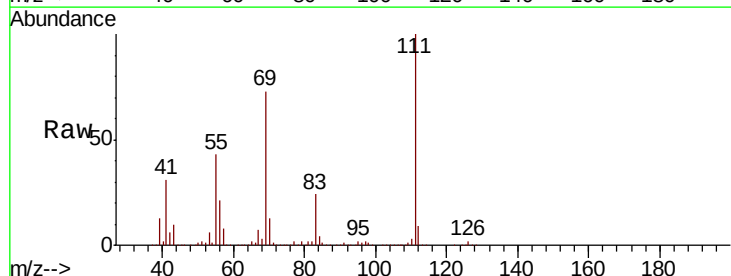
Instrument :
MSVOA_X
ClientSampleId :
EP1-WS-EP-COMP1

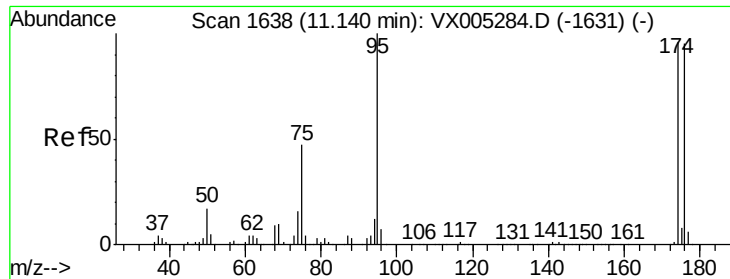
Tot Ion: 43 Resp: 126816
Ion Ratio Lower Upper
43 100
58 13.0 29.0 87.0#



#61
1,2-Dibromoethane
Concen: 0.288 ug/l
RT: 9.68 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

Tgt Ion:107 Resp: 807
Ion Ratio Lower Upper
107 100
109 797.0 76.0 114.0#





#62

4-Bromofluorobenzene

Concen: 45.426 ug/l

RT: 11.15 min Scan# 1639

Delta R.T. 0.01 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

EP1-WS-EP-COMP1

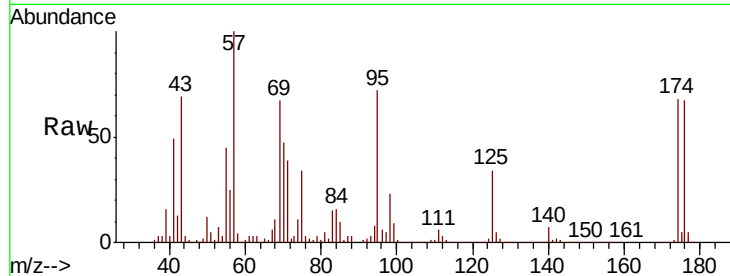
Tot Ion: 95 Resp: 154130

Ion Ratio Lower Upper

95 100

174 105.0 0.0 185.2

176 102.8 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX005284.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005284.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005284.D (-1631) (-)

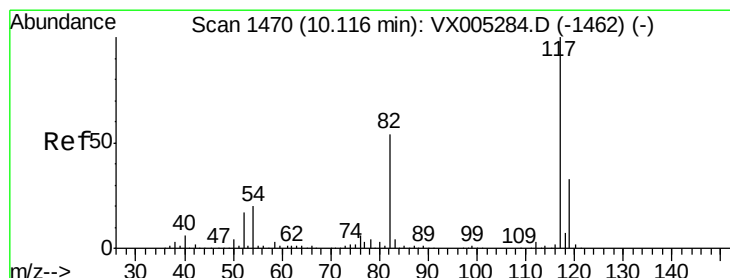
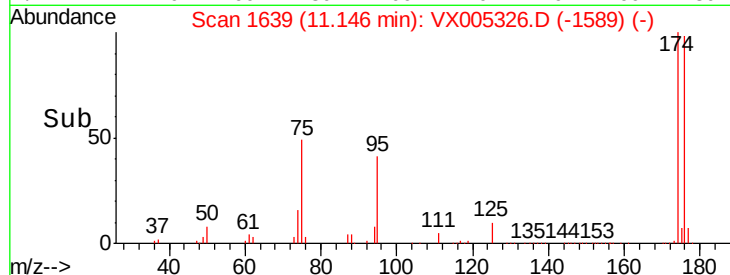
11.15

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

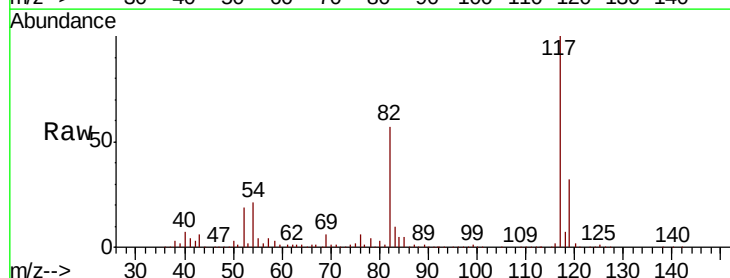
Tgt Ion: 117 Resp: 366025

Ion Ratio Lower Upper

117 100

82 56.2 47.8 71.6

119 31.8 29.3 43.9



Abundance Ion 116.90 (116.60 to 117.60): VX005284.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005284.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005284.D (-1462) (-)

10.12

300000

250000

200000

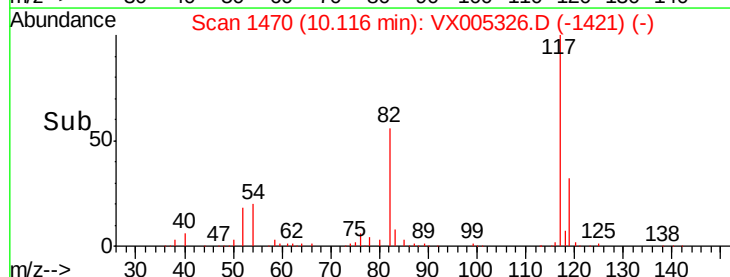
150000

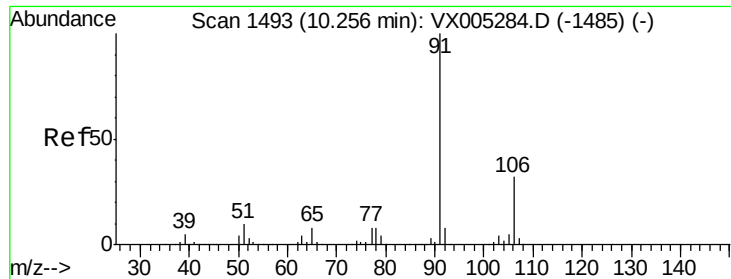
100000

50000

0

Time-->

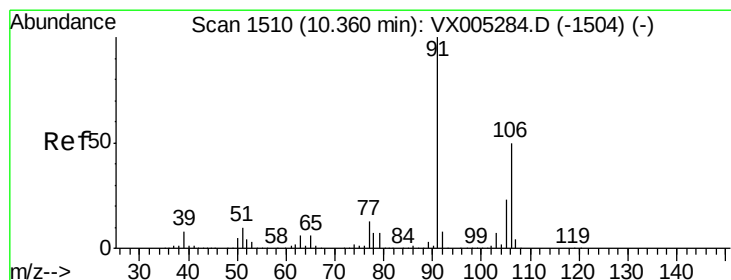
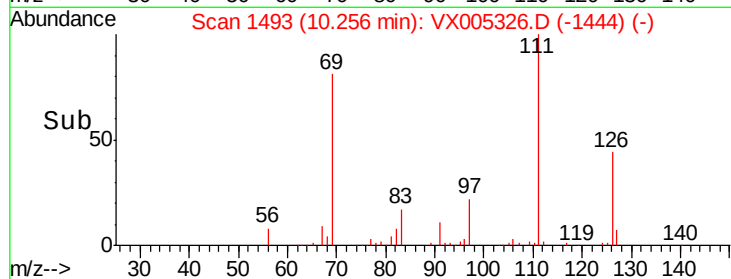
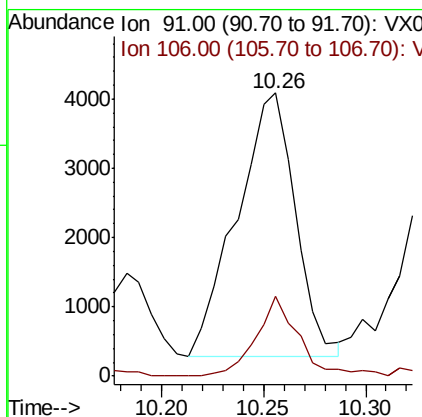
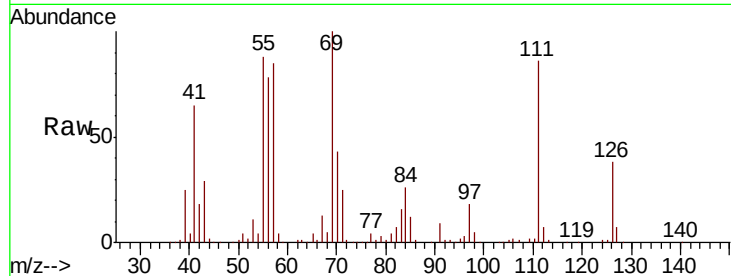




#67
Ethyl Benzene
Concen: 0.602 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

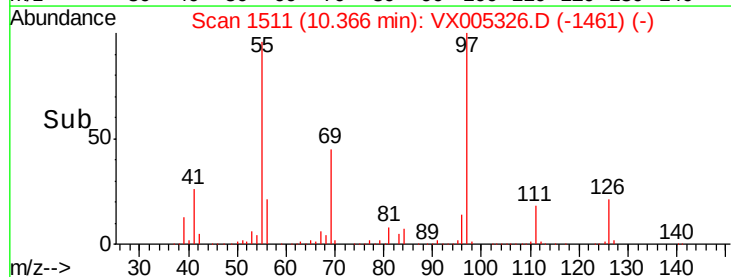
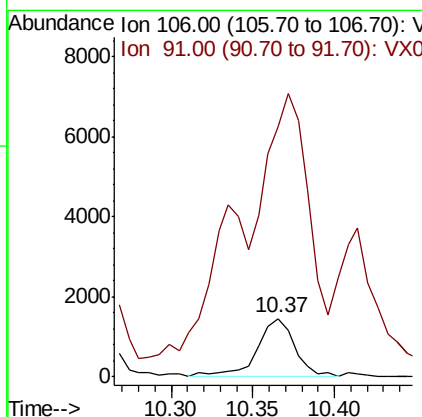
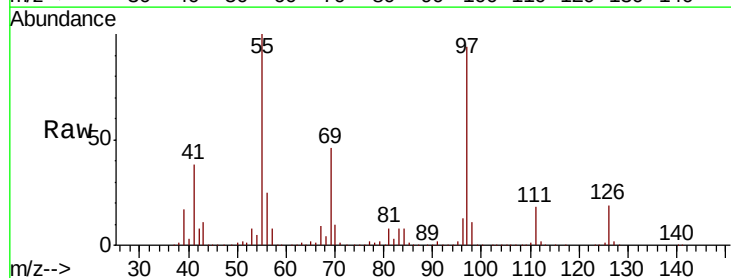
Instrument :
MSVOA_X
ClientSampleId :
EP1-WS-EP-COMP1

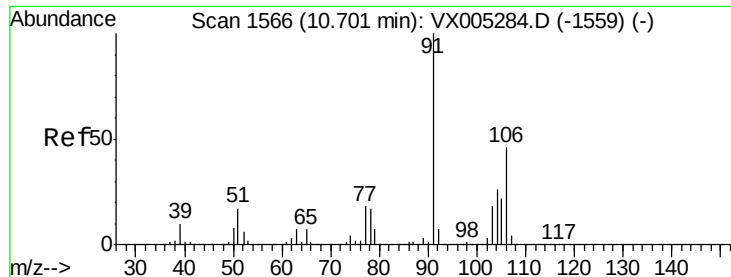
Tot Ion: 91 Resp: 7617
Ion Ratio Lower Upper
91 100
106 30.5 25.9 38.9



#68
m/p-Xylenes
Concen: 0.487 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

Tgt Ion: 106 Resp: 2392
Ion Ratio Lower Upper
106 100
91 555.2 157.1 235.7#

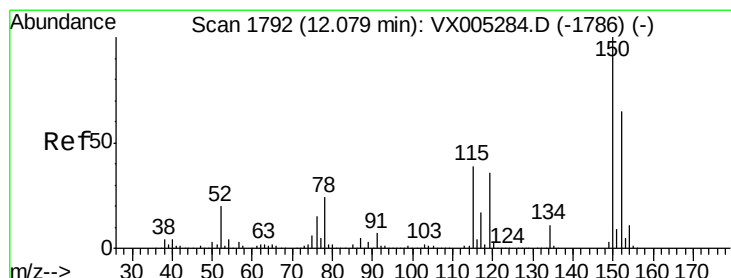
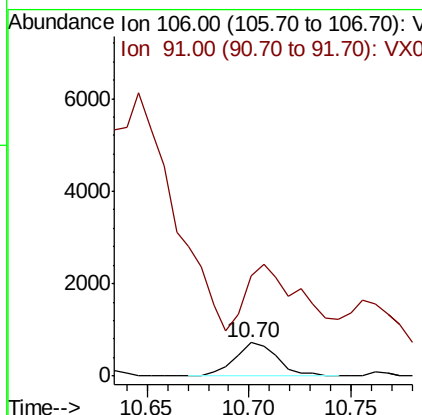
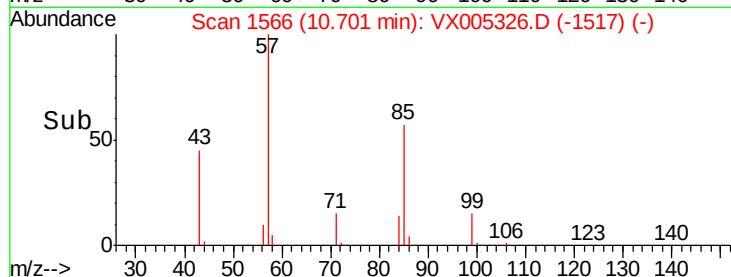
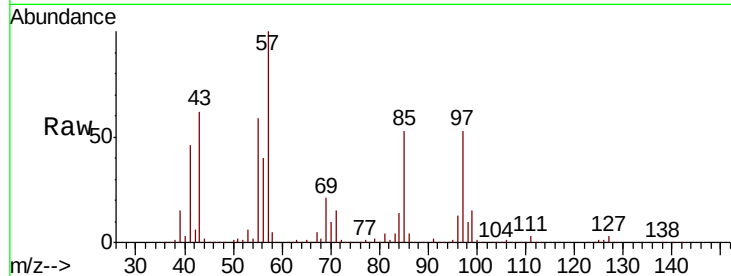




#69
o-Xylene
Concen: 0.219 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

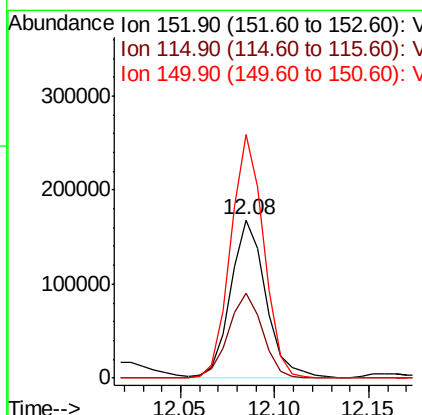
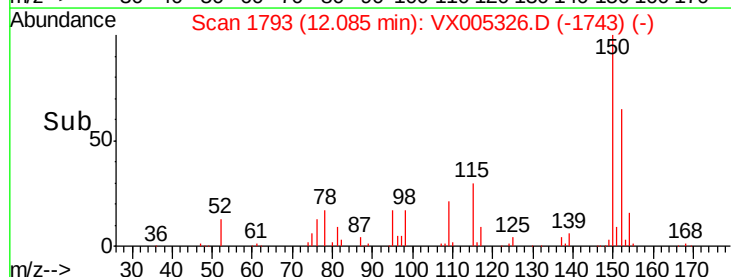
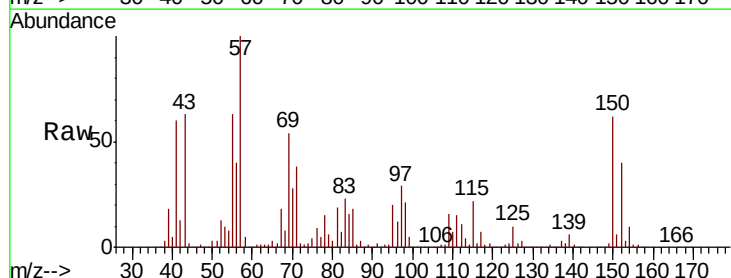
Instrument :
MSVOA_X
ClientSampleId :
EP1-WS-EP-COMP1

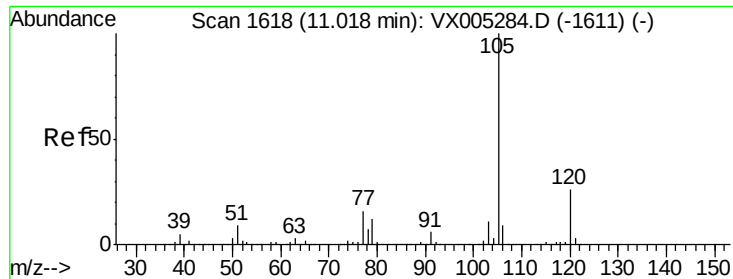
Tot Ion:106 Resp: 1037
Ion Ratio Lower Upper
106 100
91 242.4 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

Tgt Ion:152 Resp: 216683
Ion Ratio Lower Upper
152 100
115 52.1 39.0 117.0
150 144.3 0.0 351.0





#73

Isopropylbenzene

Concen: 97.607 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

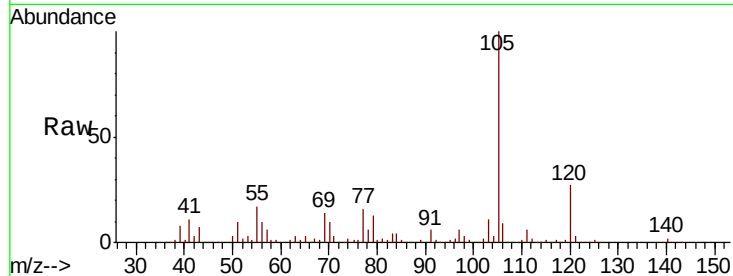
EP1-WS-EP-COMP1

Tot Ion:105 Resp: 1257293

Ion Ratio Lower Upper

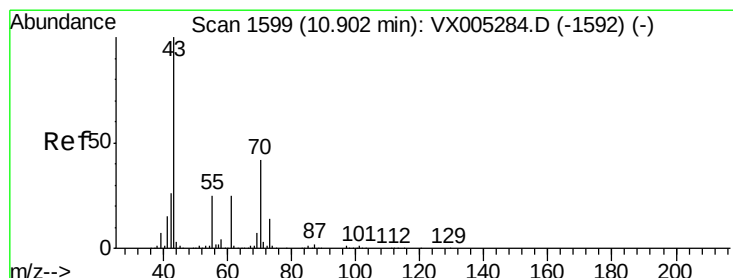
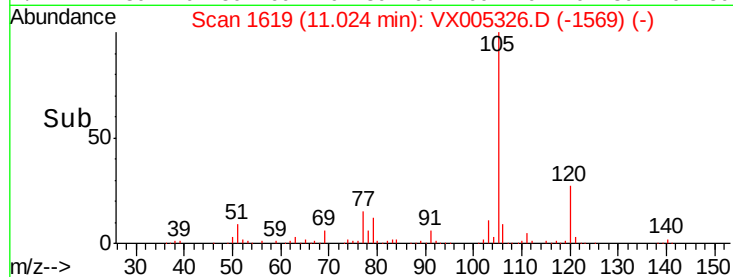
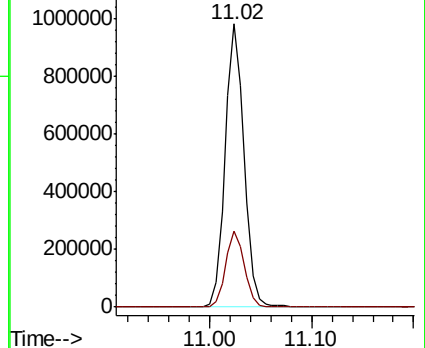
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 149.993 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

Tgt Ion: 43 Resp: 931875

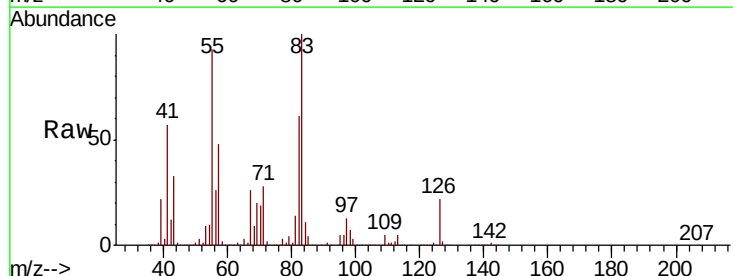
Ion Ratio Lower Upper

43 100

70 76.2 37.4 56.0#

55 219.7 21.8 32.8#

61 0.1 20.6 30.8#

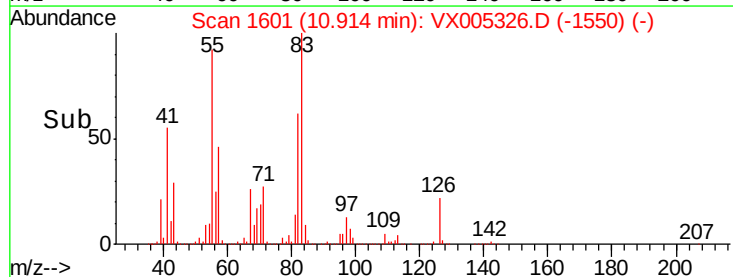
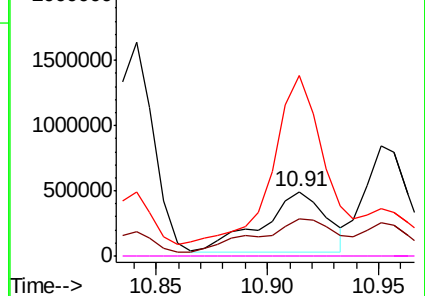


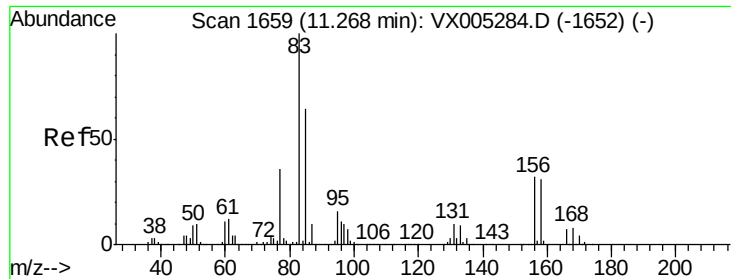
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 131.459 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

EP1-WS-EP-COMP1

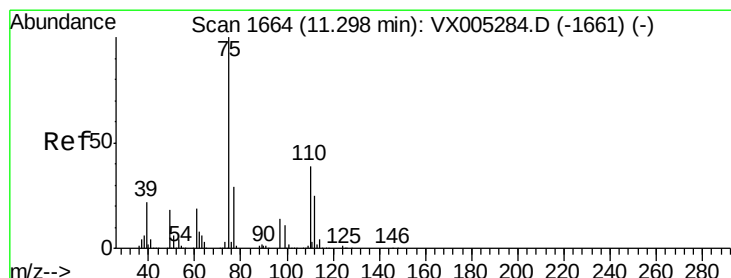
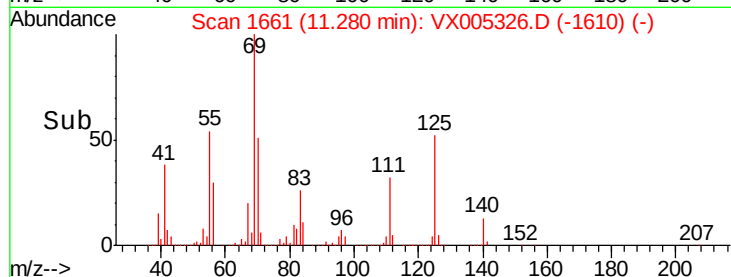
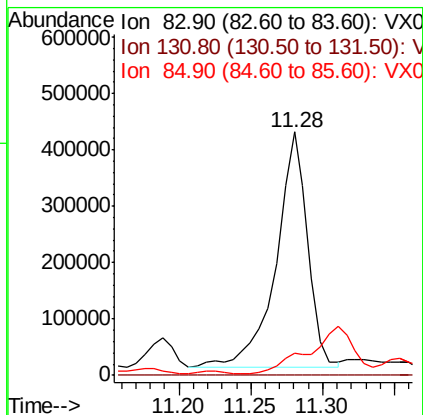
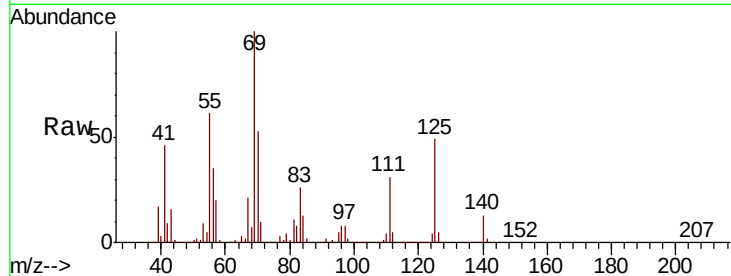
Tot Ion: 83 Resp: 638777

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 4.871 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.07 min

Lab File: VX005326.D

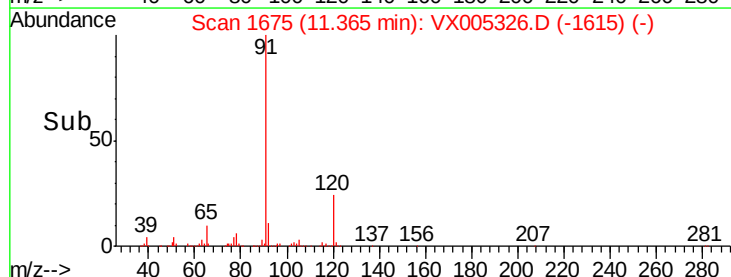
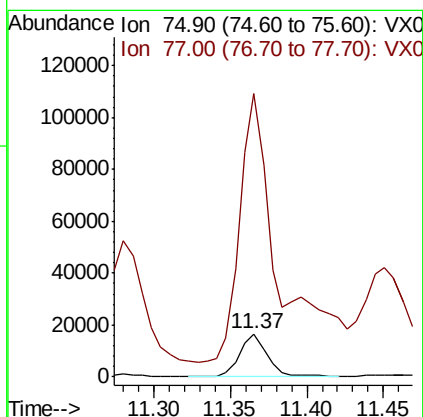
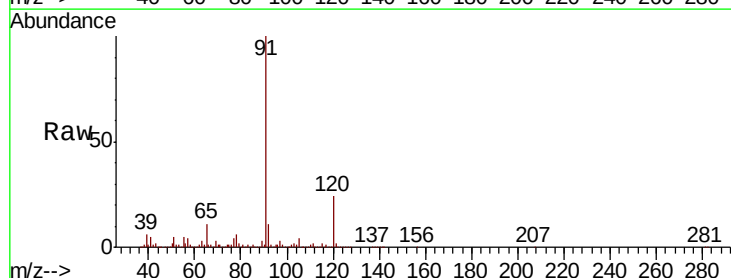
Acq: 13 Oct 2018 06:44

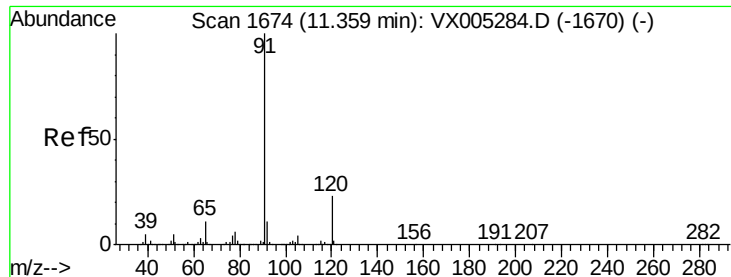
Tgt Ion: 75 Resp: 20475

Ion Ratio Lower Upper

75 100

77 689.5 20.2 60.6#

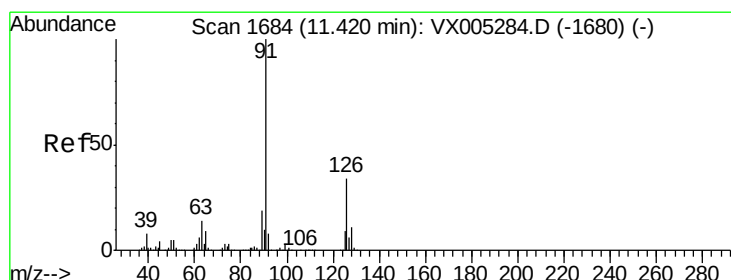
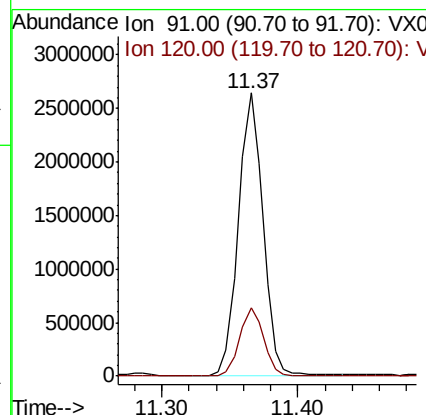
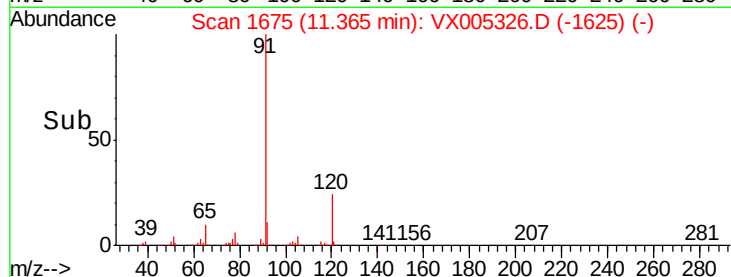
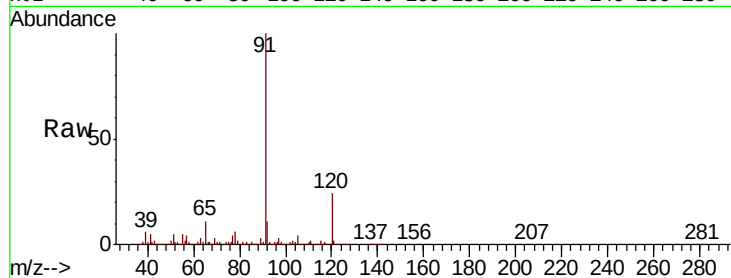




#78
n-propylbenzene
Concen: 225.156 ug/l
RT: 11.37 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

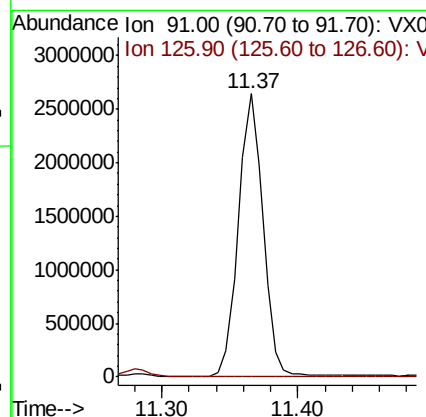
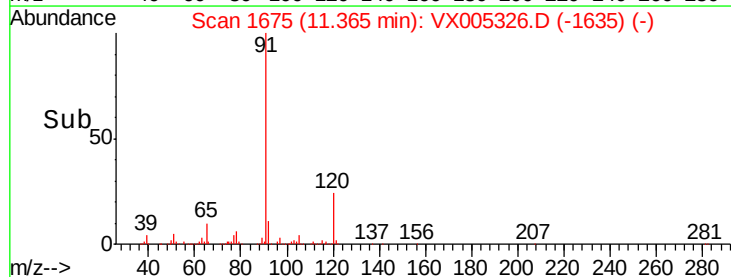
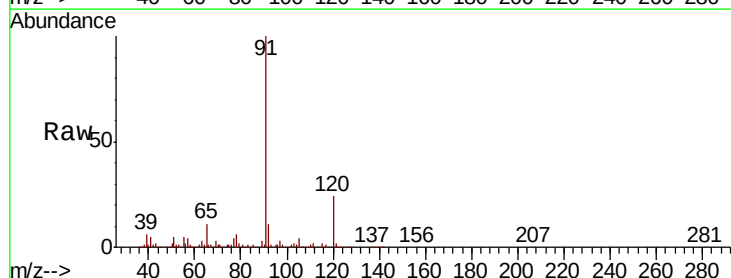
Instrument :
MSVOA_X
ClientSampleId :
EP1-WS-EP-COMP1

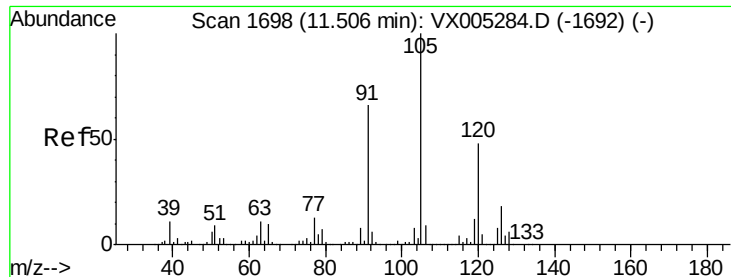
Tot Ion: 91 Resp: 3337454
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.9



#79
2-Chlorotoluene
Concen: 367.641 ug/l
RT: 11.37 min Scan# 1675
Delta R.T. -0.05 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

Tgt Ion: 91 Resp: 3337454
Ion Ratio Lower Upper
91 100
126 0.0 17.9 53.7#

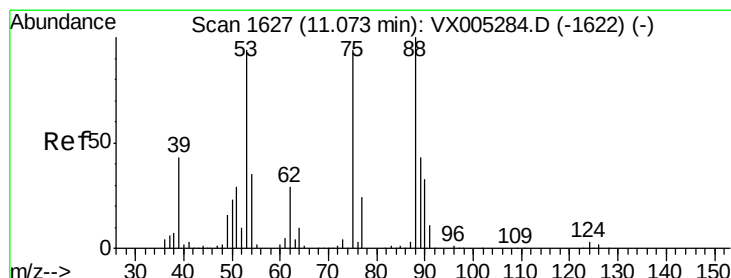
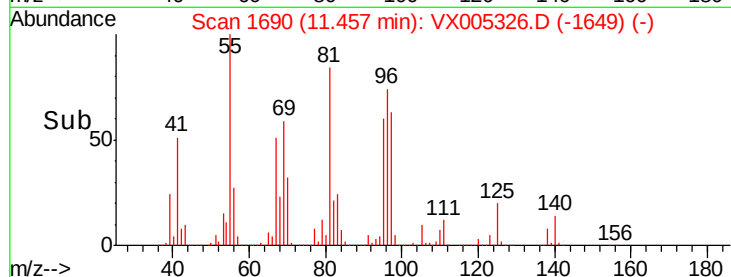
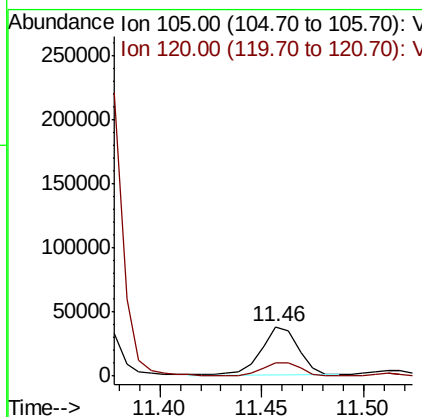
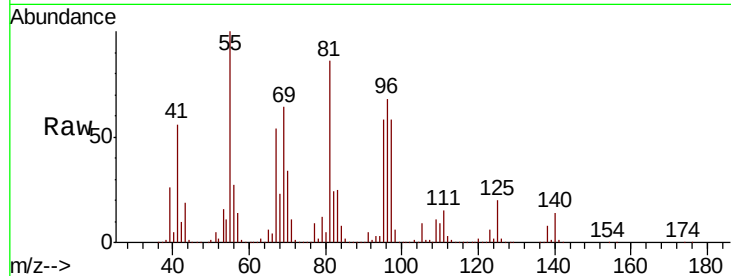




#80
 1,3,5-Trimethylbenzene
 Concen: 4.299 ug/l
 RT: 11.46 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: VX005326.D
 Acq: 13 Oct 2018 06:44

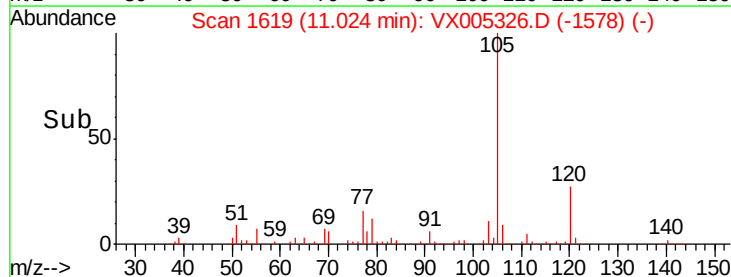
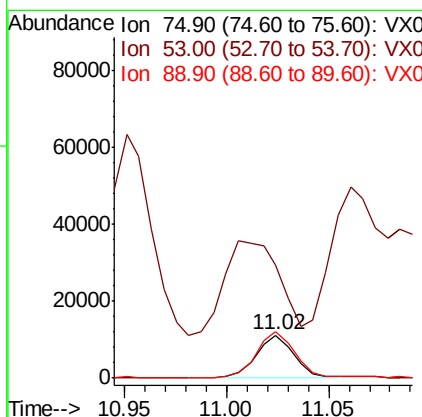
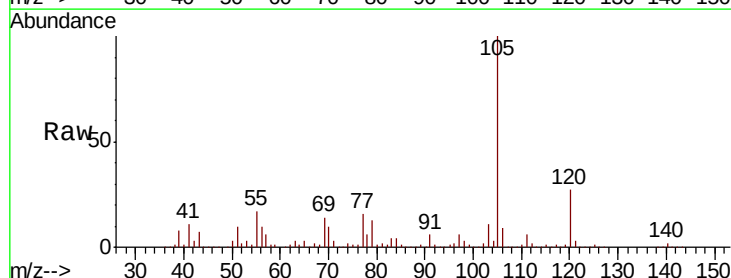
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-WS-EP-COMP1

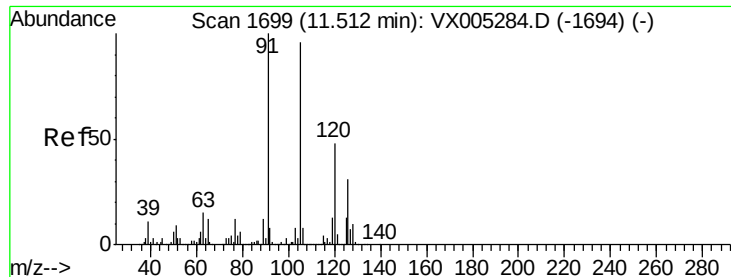
Tot Ion:105 Resp: 47417
 Ion Ratio Lower Upper
 105 100
 120 0.0 25.6 76.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 10.256 ug/l
 RT: 11.02 min Scan# 1619
 Delta R.T. -0.05 min
 Lab File: VX005326.D
 Acq: 13 Oct 2018 06:44

Tgt Ion: 75 Resp: 14187
 Ion Ratio Lower Upper
 75 100
 53 364.9 80.1 120.1#
 89 109.7 37.2 55.8#





#82

4-Chlorotoluene

Concen: 310.135 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. -0.15 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

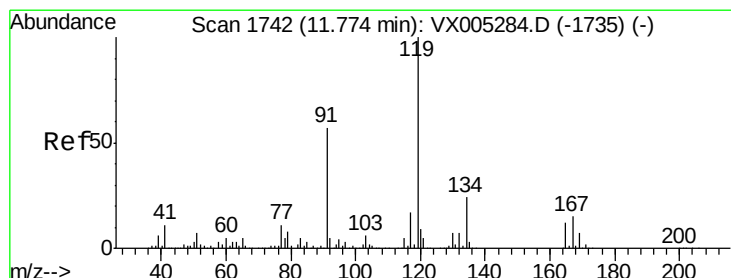
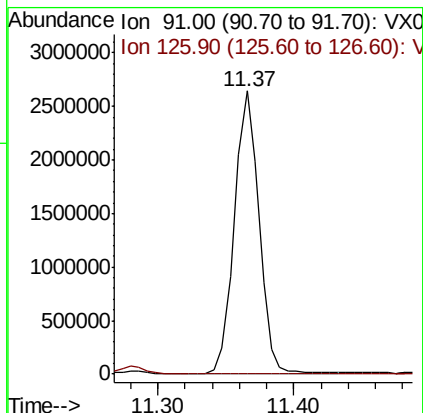
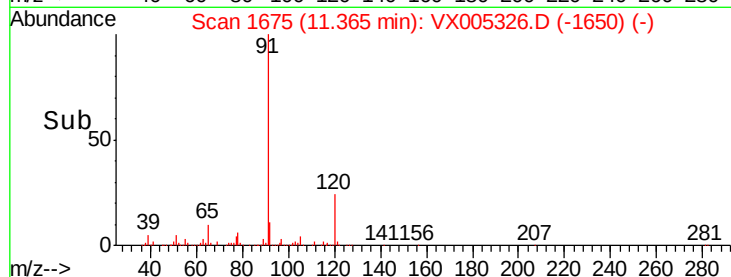
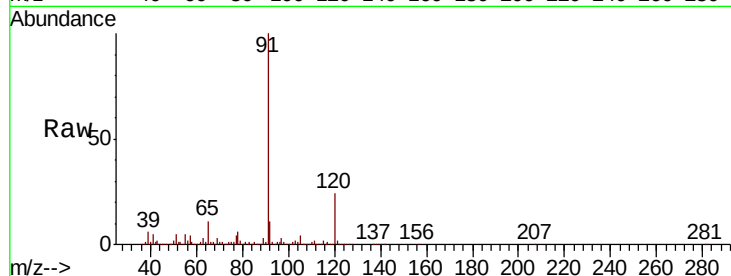
EP1-WS-EP-COMP1

Tot Ion: 91 Resp: 3337454

Ion Ratio Lower Upper

91 100

126 0.0 15.5 46.5#



#83

tert-Butylbenzene

Concen: 27.908 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

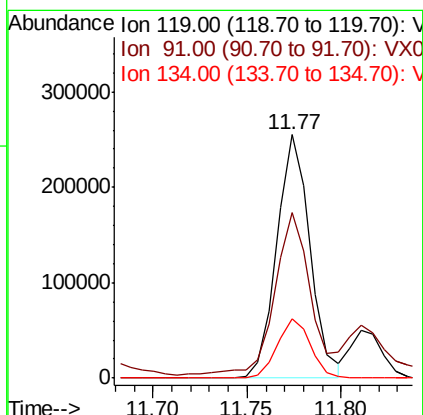
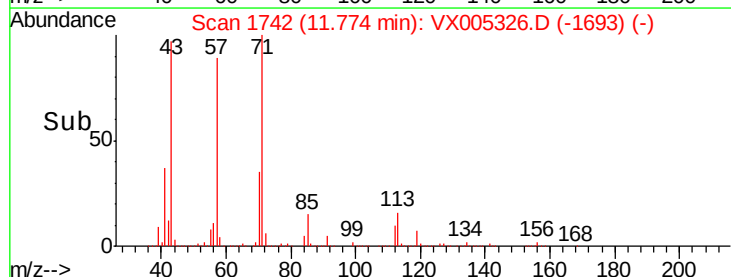
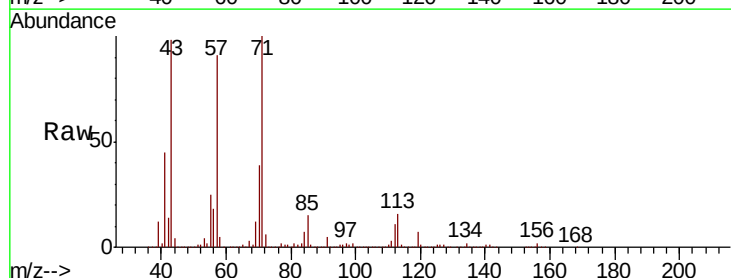
Tgt Ion: 119 Resp: 311737

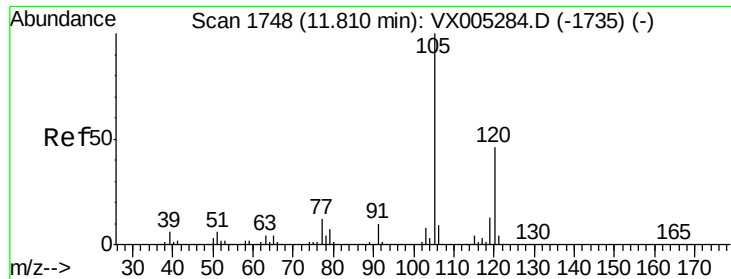
Ion Ratio Lower Upper

119 100

91 68.8 27.0 81.0

134 24.3 11.7 35.1

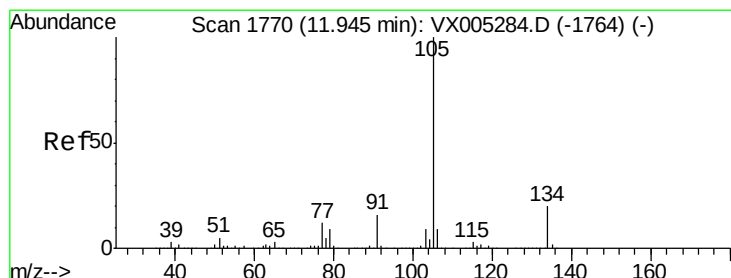
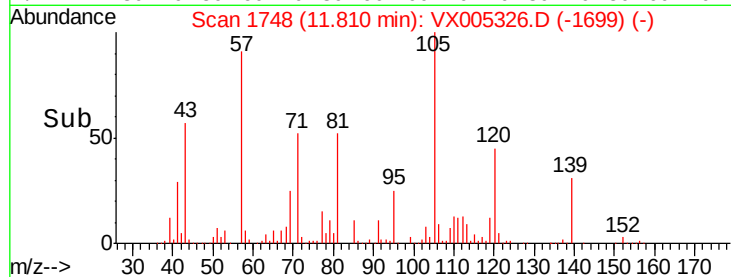
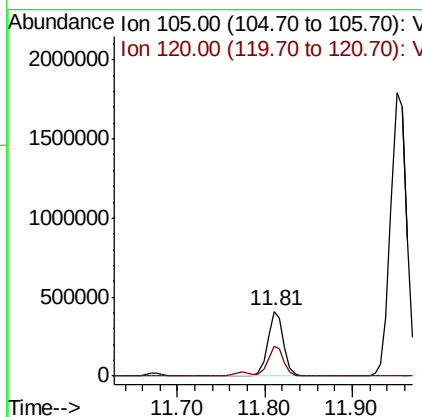
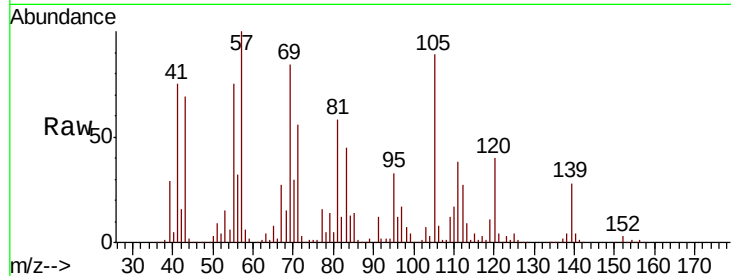




#84
 1,2,4-Trimethylbenzene
 Concen: 45.465 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005326.D
 Acq: 13 Oct 2018 06:44

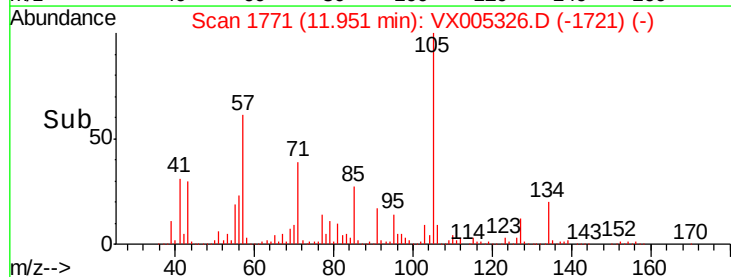
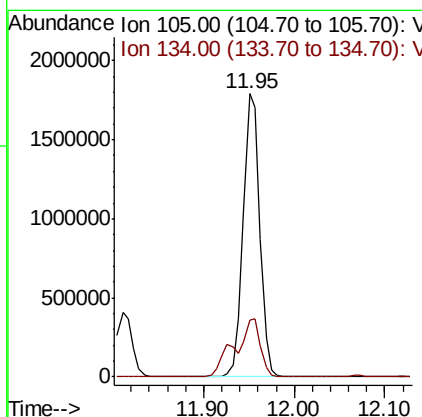
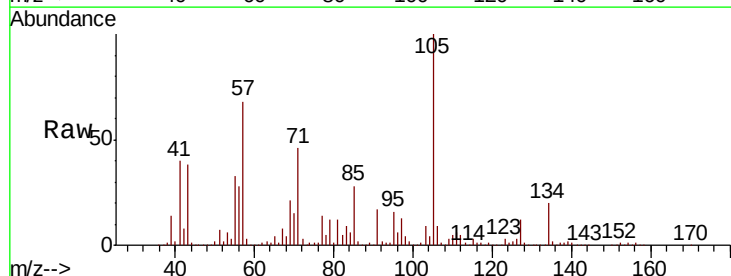
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-WS-EP-COMP1

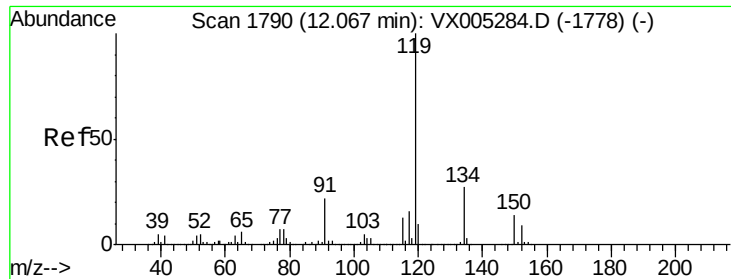
Tot Ion:105 Resp: 516099
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 171.641 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX005326.D
 Acq: 13 Oct 2018 06:44

Tgt Ion:105 Resp: 2268941
 Ion Ratio Lower Upper
 105 100
 134 31.7 10.5 31.5#

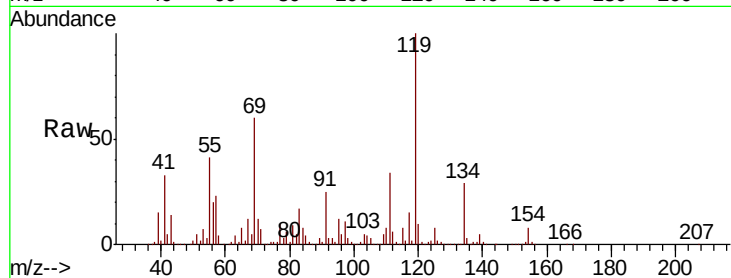




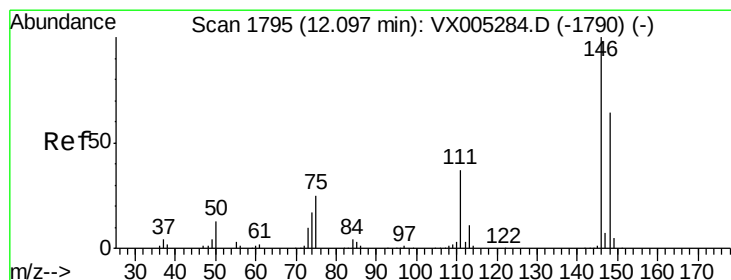
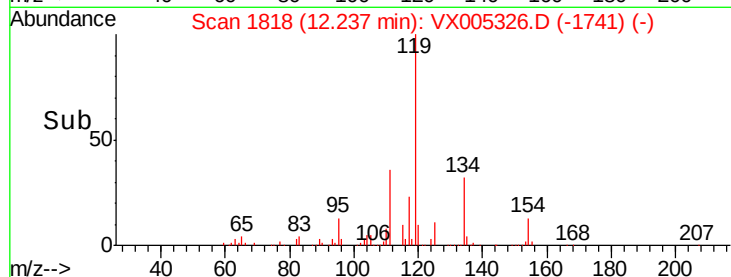
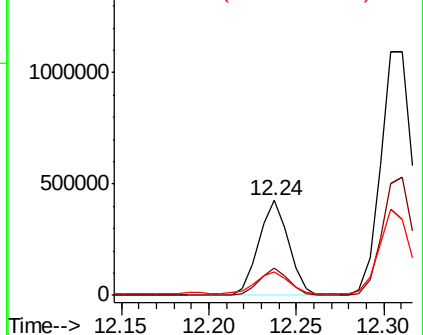
#86
p-Isopropyltoluene
Concen: 42.529 ug/l
RT: 12.24 min Scan# 1818
Delta R.T. 0.17 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

Instrument :
MSVOA_X
ClientSampleId :
EP1-WS-EP-COMP1

Tot Ion:119 Resp: 508139
Ion Ratio Lower Upper
119 100
134 28.2 13.4 40.2
91 27.0 10.9 32.7

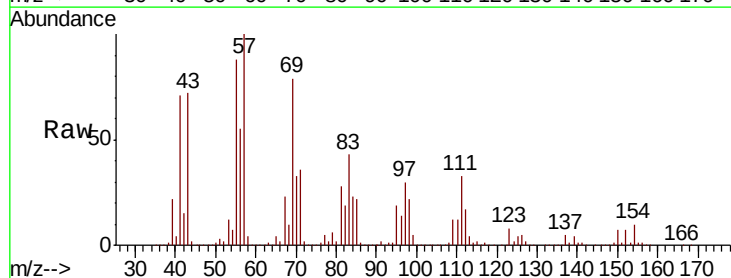


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

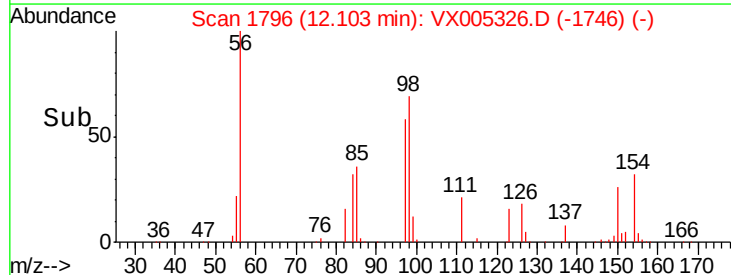
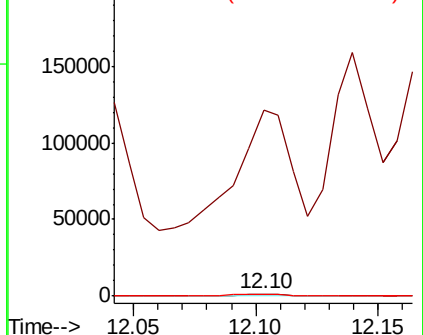


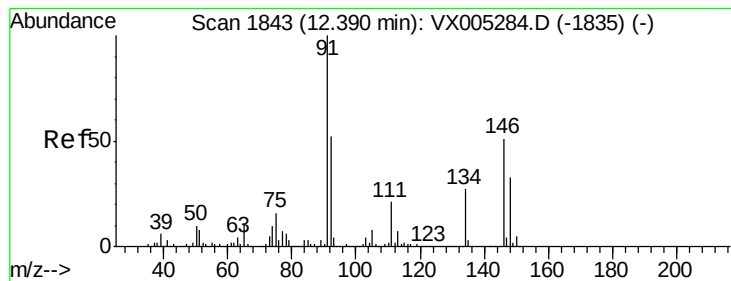
#88
1,4-Dichlorobenzene
Concen: 0.226 ug/l
RT: 12.10 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VX005326.D
Acq: 13 Oct 2018 06:44

Tgt Ion:146 Resp: 1590
Ion Ratio Lower Upper
146 100
111 7945.8 18.1 54.1#
148 130.9 32.0 96.0#



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





#89

n-Butylbenzene

Concen: 205.994 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

EP1-WS-EP-COMP1

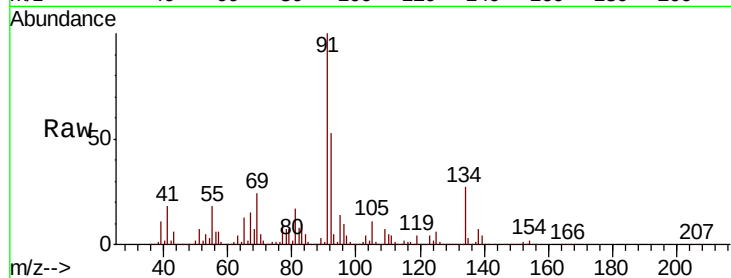
Tot Ion: 91 Resp: 2234690

Ion Ratio Lower Upper

91 100

92 48.4 27.3 81.9

134 37.4 13.6 40.7

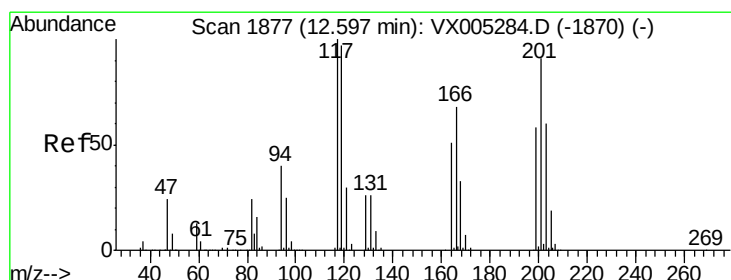
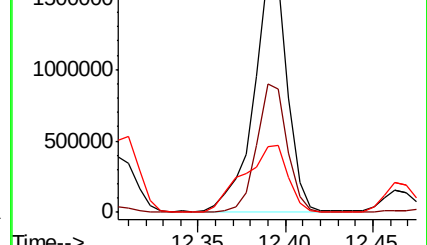
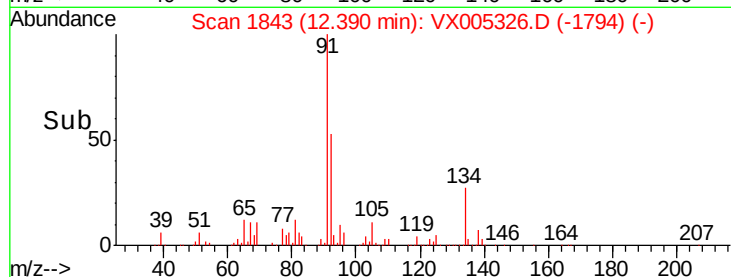


Abundance Ion 91.00 (90.70 to 91.70): VX005284.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX005284.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX005284.D (-1835) (-)

Time-->



#90

Hexachloroethane

Concen: 198.737 ug/l

RT: 12.68 min Scan# 1890

Delta R.T. 0.08 min

Lab File: VX005326.D

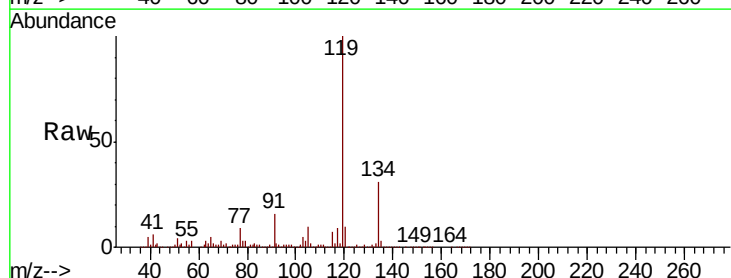
Acq: 13 Oct 2018 06:44

Tgt Ion: 117 Resp: 409224

Ion Ratio Lower Upper

117 100

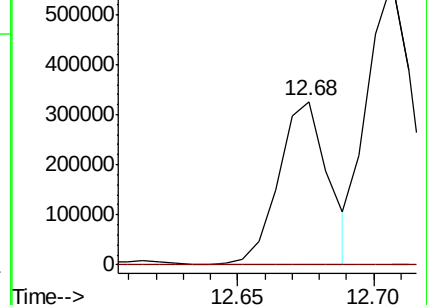
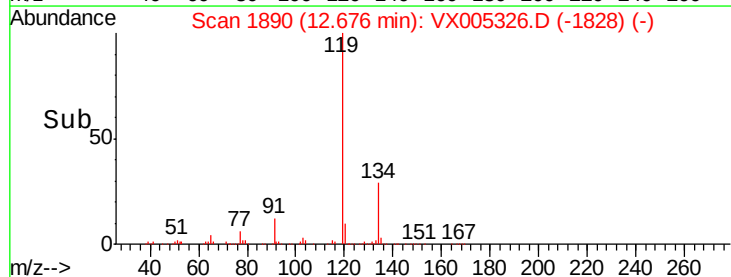
201 0.0 46.9 140.6#

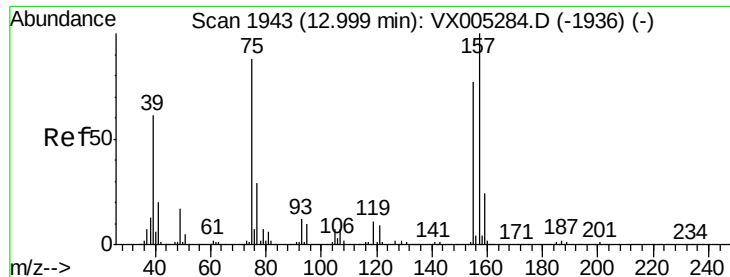


Abundance Ion 116.80 (116.50 to 117.50): VX005284.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005284.D (-1870) (-)

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.575 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

Instrument :

MSVOA_X

ClientSampleId :

EP1-WS-EP-COMP1

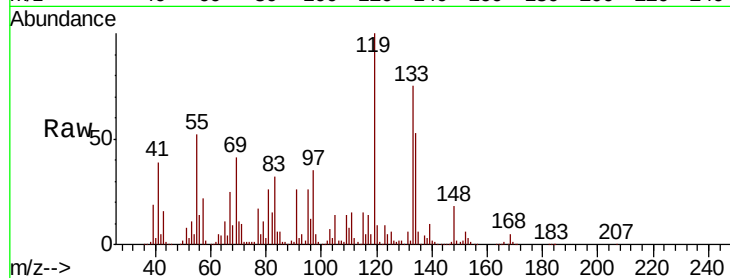
Tot Ion: 75 Resp: 1867

Ion Ratio Lower Upper

75 100

155 74.3 48.0 144.2

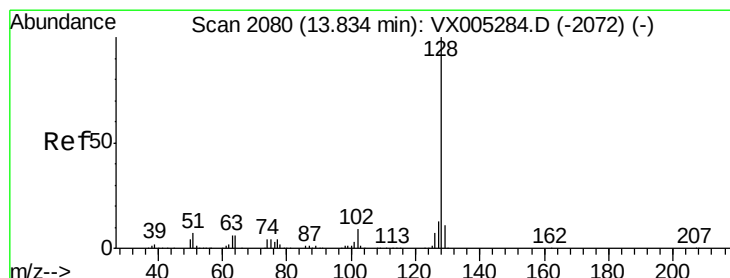
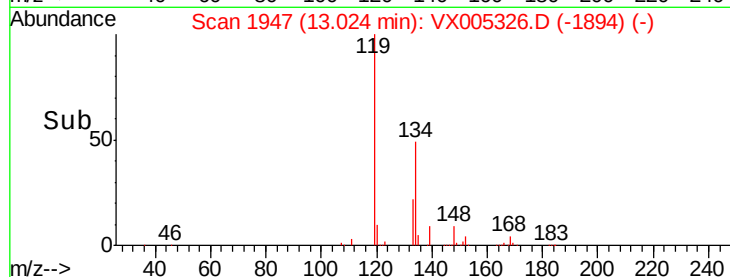
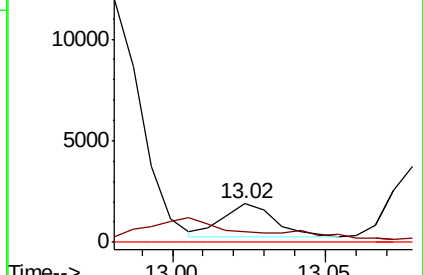
157 0.0 61.4 184.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 0.869 ug/l

RT: 13.81 min Scan# 2076

Delta R.T. -0.02 min

Lab File: VX005326.D

Acq: 13 Oct 2018 06:44

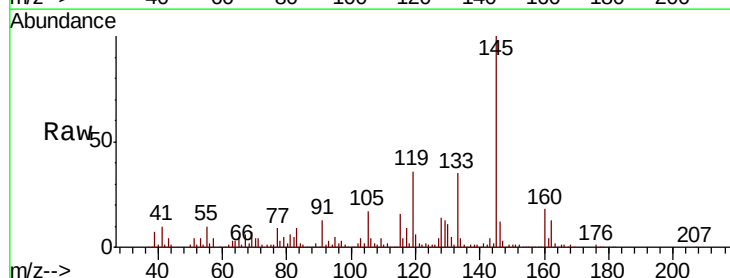
Tgt Ion:128 Resp: 12989

Ion Ratio Lower Upper

128 100

127 27.0 10.2 15.2#

129 85.1 8.6 12.8#



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

