

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012467.D
 Acq On : 18 Sep 2019 12:41
 Operator : JC/SP
 Sample : K4850-03
 Misc : 5.99g/5mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-7(7)ME

Quant Time: Sep 18 14:04:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108330	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	118795	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	
35) Dibromofluoromethane	5.49	113	82676	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
50) Toluene-d8	8.71	98	322447	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.14	95	118798	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	46	0.429	ug/l #	43
3) Chloromethane	1.31	50	290	0.294	ug/l #	85
5) Bromomethane	1.62	94	780	1.861	ug/l #	66
10) Methyl Iodide	2.47	142	1032	5.216	ug/l	91
11) Tert butyl alcohol	3.01	59	10147	9.909	ug/l #	83
13) Acrolein	2.26	56	204	Below Cal	#	31
16) Acetone	2.42	43	146	Below Cal	#	46
17) Carbon Disulfide	2.57	76	138	1.890	ug/l #	75
18) Methyl Acetate	2.78	43	4095	1.527	ug/l	95
20) Methylene Chloride	2.84	84	901	0.579	ug/l #	61
21) trans-1,2-Dichloroethene	3.13	96	256	0.218	ug/l #	75
28) Bromochloromethane	5.00	49	308	0.203	ug/l #	23
29) Tetrahydrofuran	5.08	42	265	0.269	ug/l #	54
30) Chloroform	5.20	83	788	0.233	ug/l #	81
36) 1,1-Dichloropropene	5.64	75	14842	8.647	ug/l #	55
38) Carbon Tetrachloride	5.65	117	19571	9.168	ug/l #	16
39) Methylcyclohexane	7.45	83	423	0.254	ug/l #	75
40) Benzene	6.14	78	6834	1.252	ug/l	98
42) 1,2-Dichloroethane	6.19	62	540	0.213	ug/l #	75
44) Trichloroethene	7.21	130	653	0.455	ug/l	79
49) 1,4-Dioxane	7.79	88	44	0.811	ug/l #	1
52) Toluene	8.78	92	5780	1.643	ug/l	100
64) Tetrachloroethene	9.32	164	217	0.201	ug/l #	49
67) Ethyl Benzene	10.25	91	1736	0.259	ug/l #	83
68) m/p-Xylenes	10.36	106	3114	1.278	ug/l	95
69) o-Xylene	10.70	106	1377	0.550	ug/l	95
70) Styrene	10.71	104	3243	0.732	ug/l	93
76) 1,2,3-Trichloropropane	11.14	75	61959	24.899	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.50	105	2135	0.368	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.14	75	61959	67.220	ug/l #	8
82) 4-Chlorotoluene	11.51	91	1463	0.259	ug/l	78
84) 1,2,4-Trimethylbenzene	11.81	105	3860	0.649	ug/l	94
87) 1,3-Dichlorobenzene	12.03	146	801	0.257	ug/l	87
88) 1,4-Dichlorobenzene	12.03	146	801	0.250	ug/l	87

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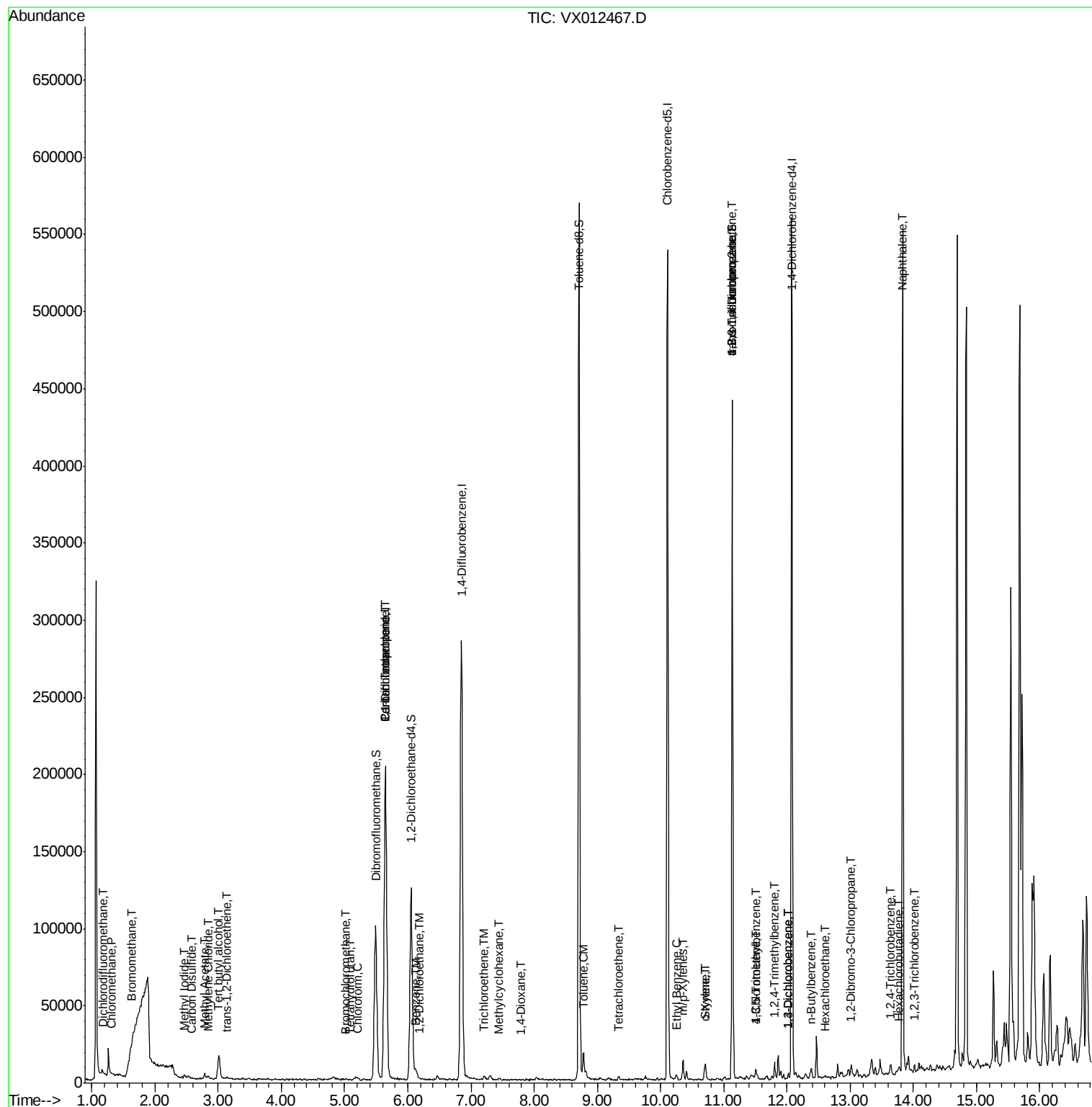
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	1663	0.297	ug/l #	81
90) Hexachloroethane	12.59	117	248	0.215	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	13.01	75	165	0.239	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.65	180	1102	0.525	ug/l #	78
94) Hexachlorobutadiene	13.78	225	444	0.449	ug/l	84
95) Naphthalene	13.83	128	324554	43.450	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	910	0.425	ug/l	81

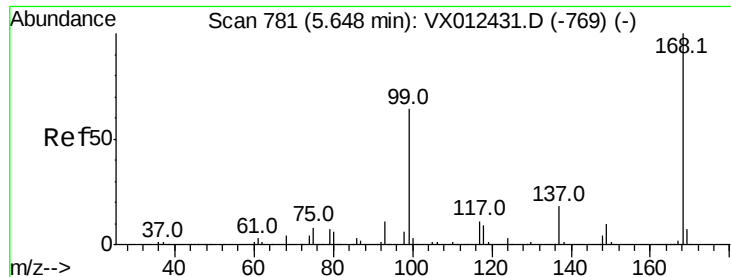
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091819\
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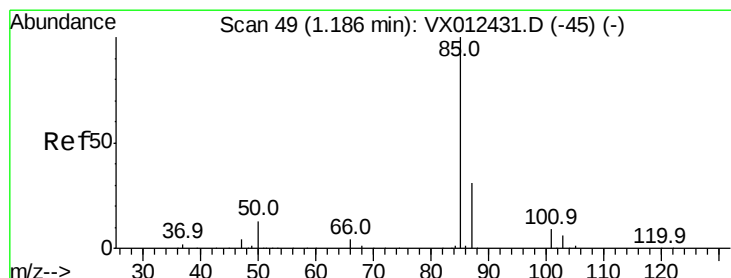
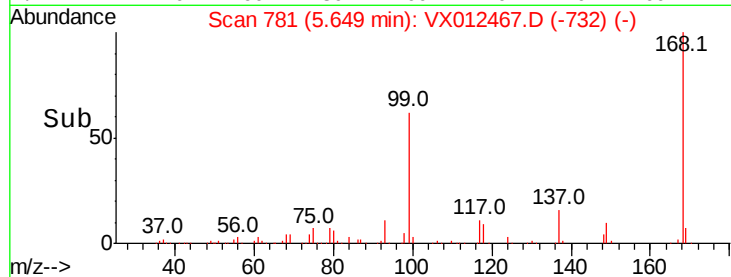
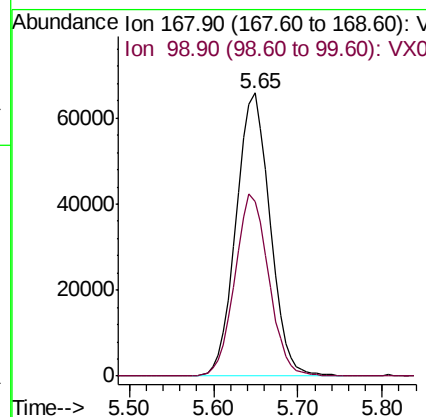
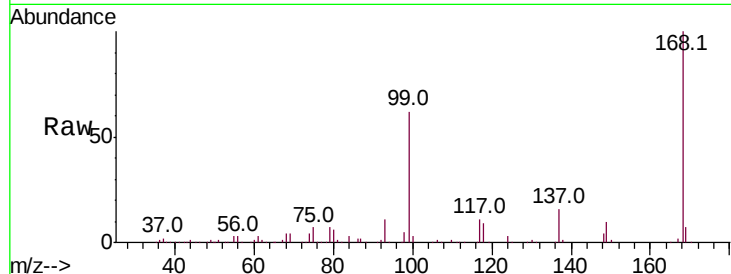




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

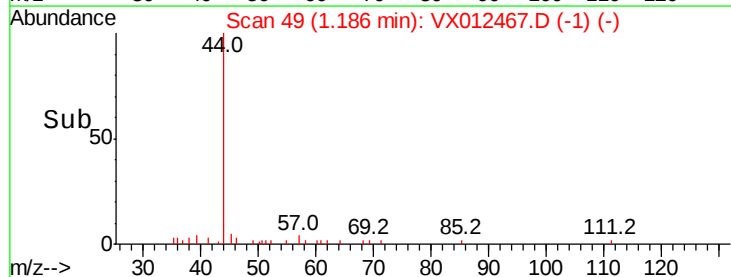
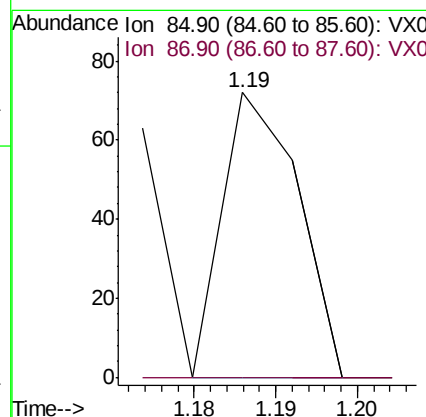
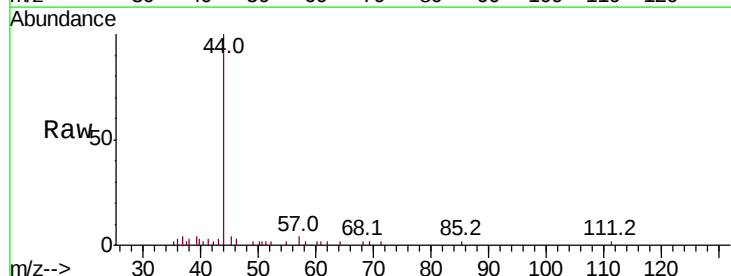
Instrument :
MSVOA_X
ClientSampleId :
AOC-7(7)ME

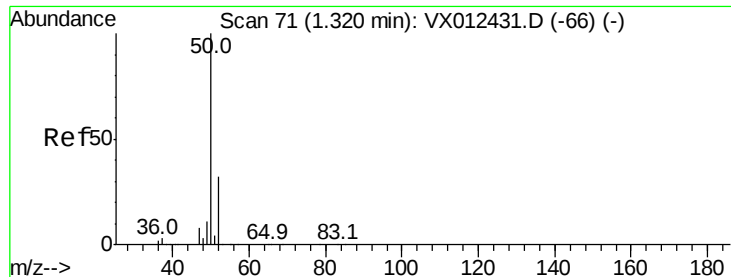
Tot Ion:168 Resp: 179560
Ion Ratio Lower Upper
168 100
99 61.4 51.4 77.2



#2
Dichlorodifluoromethane
Concen: 0.429 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

Tgt Ion: 85 Resp: 46
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#





#3

Chloromethane

Concen: 0.294 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

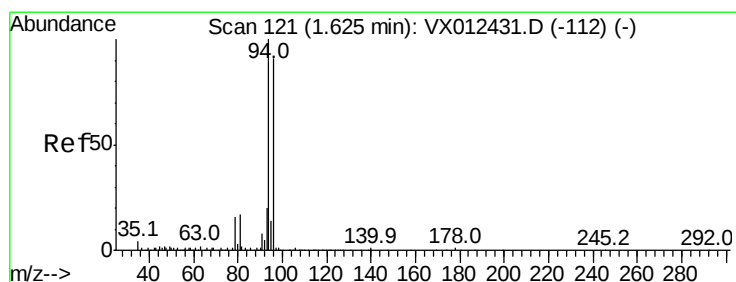
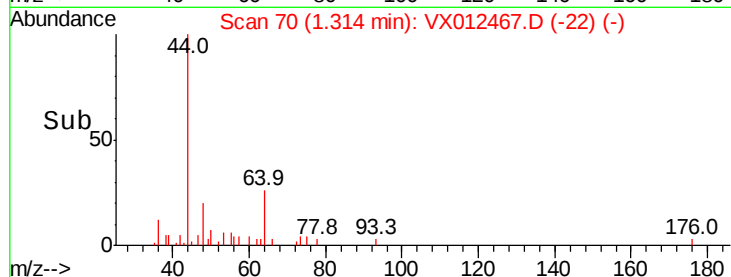
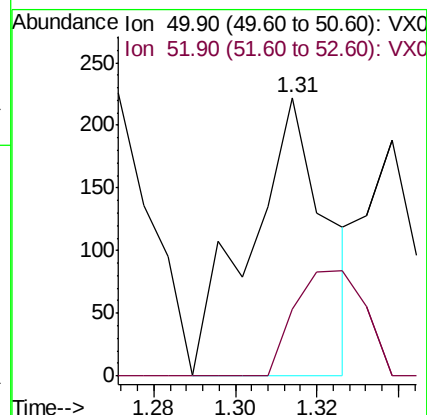
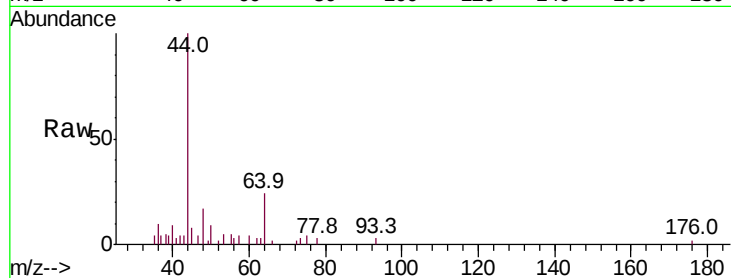
AOC-7(7)ME

Tot Ion: 50 Resp: 290

Ion Ratio Lower Upper

50 100

52 23.9 25.7 38.5#



#5

Bromomethane

Concen: 1.861 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012467.D

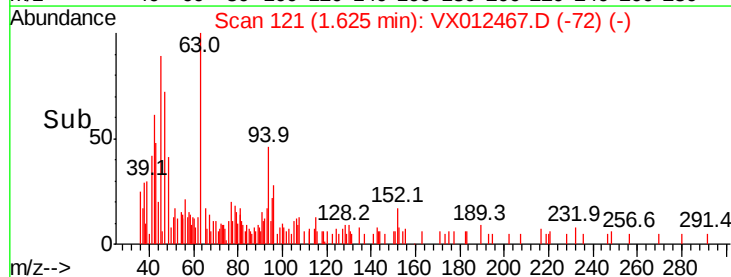
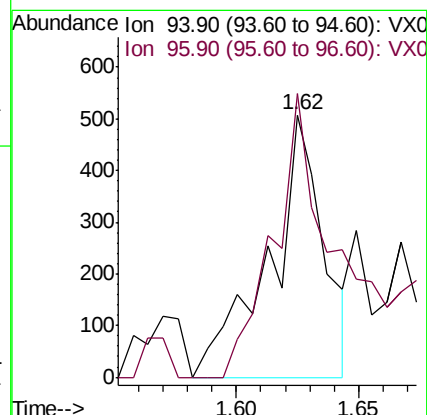
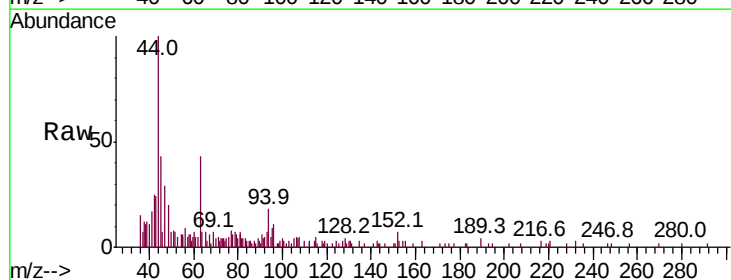
Acq: 18 Sep 2019 12:41

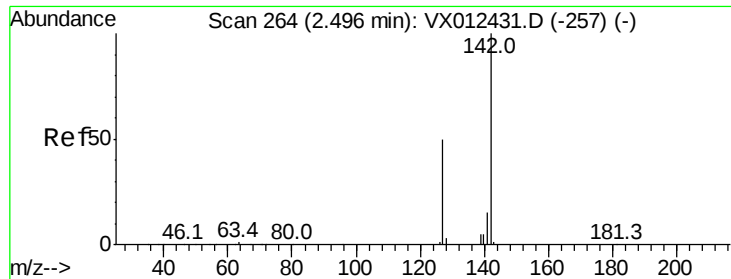
Tgt Ion: 94 Resp: 780

Ion Ratio Lower Upper

94 100

96 122.9 72.8 109.2#

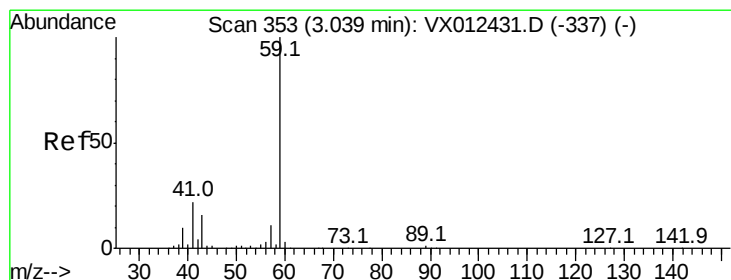
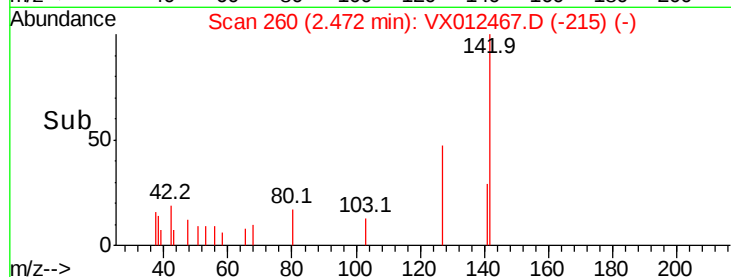
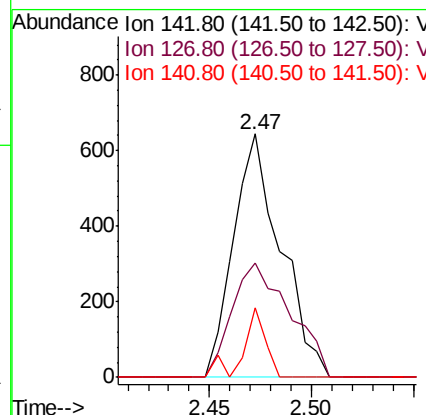
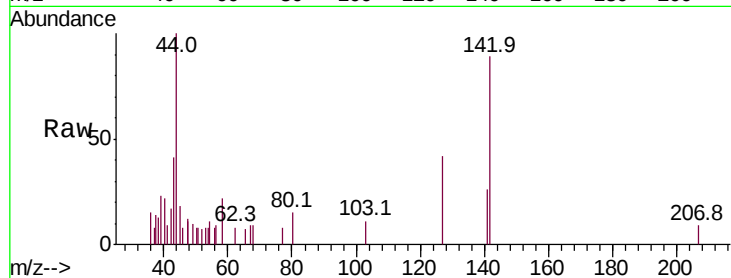




#10
Methyl Iodide
Concen: 5.216 ug/l
RT: 2.47 min Scan# 260
Delta R.T. -0.02 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

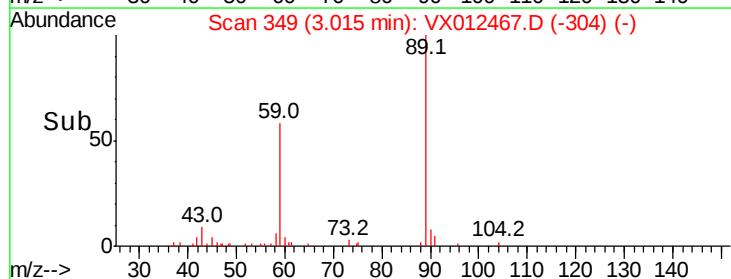
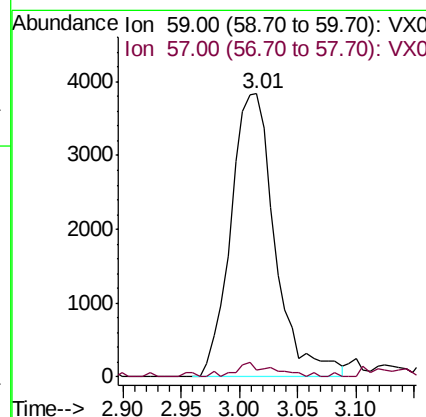
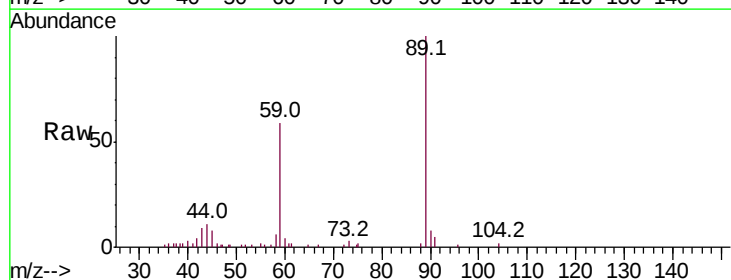
Instrument :
MSVOA_X
ClientSampled :
AOC-7(7)ME

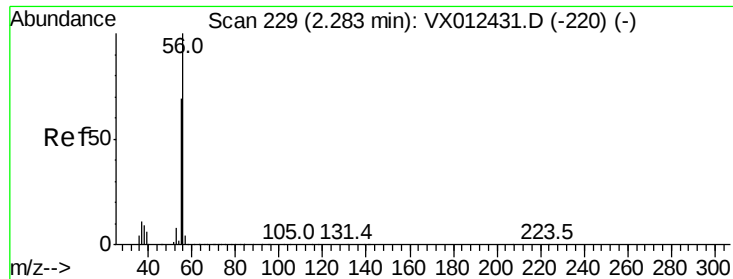
Tot Ion:142 Resp: 1032
Ion Ratio Lower Upper
142 100
127 57.8 40.8 61.2
141 13.2 12.1 18.1



#11
Tert butyl alcohol
Concen: 9.909 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

Tgt Ion: 59 Resp: 10147
Ion Ratio Lower Upper
59 100
57 4.1 8.3 12.5#





#13

Acrolein

Concen: Below Cal

RT: 2.26 min Scan# 225

Delta R.T. -0.02 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

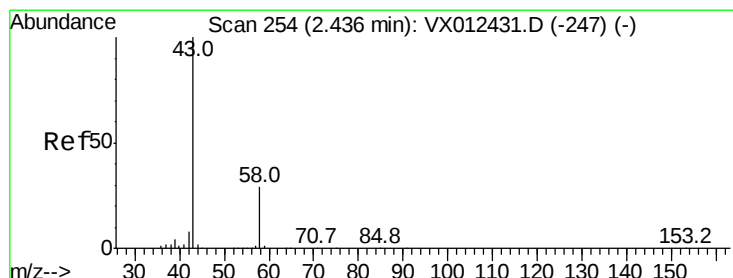
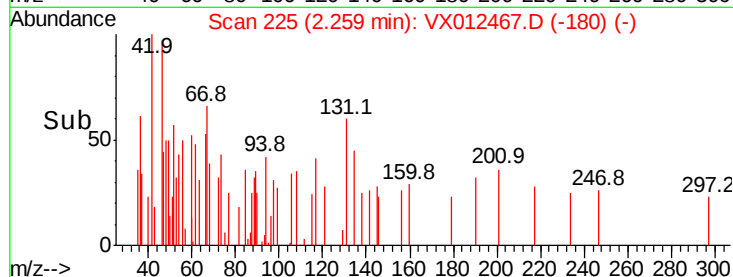
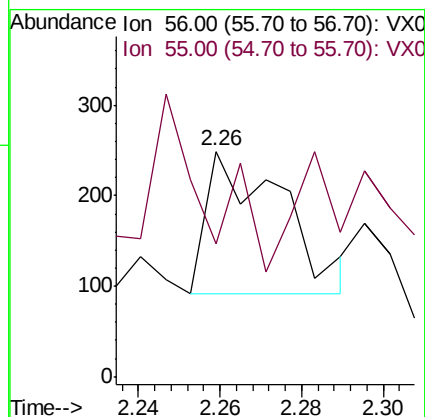
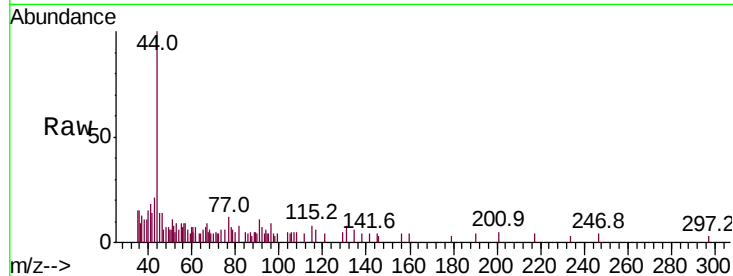
AOC-7(7)ME

Tot Ion: 56 Resp: 204

Ion Ratio Lower Upper

56 100

55 126.0 55.8 83.8#



#16

Acetone

Concen: Below Cal

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX012467.D

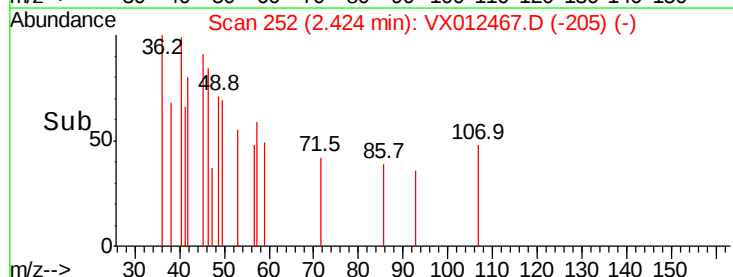
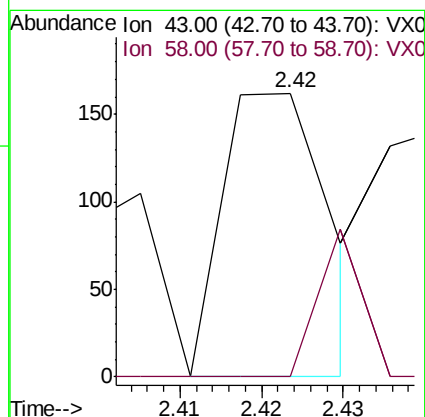
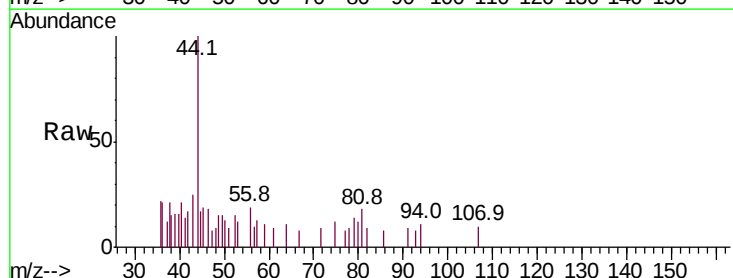
Acq: 18 Sep 2019 12:41

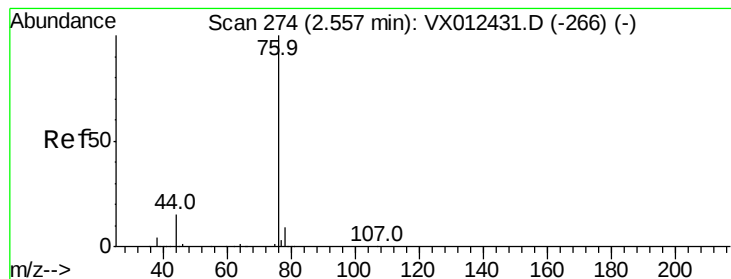
Tgt Ion: 43 Resp: 146

Ion Ratio Lower Upper

43 100

58 0.0 23.3 34.9#





#17

Carbon Disulfide

Concen: 1.890 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

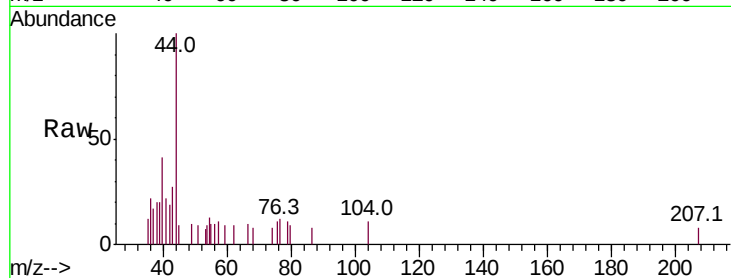
AOC-7(7)ME

Tot Ion: 76 Resp: 138

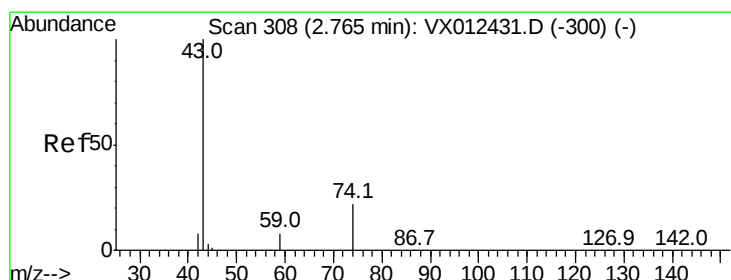
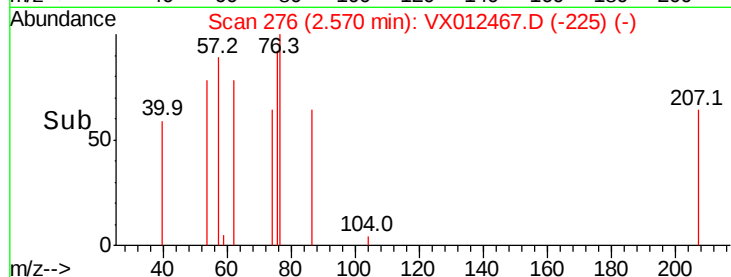
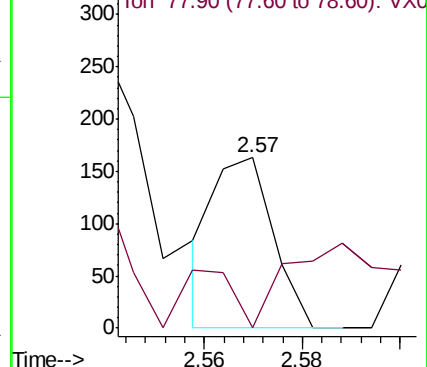
Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0



#18

Methyl Acetate

Concen: 1.527 ug/l

RT: 2.78 min Scan# 311

Delta R.T. 0.02 min

Lab File: VX012467.D

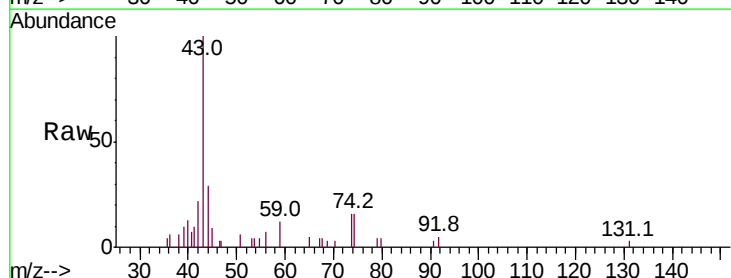
Acq: 18 Sep 2019 12:41

Tgt Ion: 43 Resp: 4095

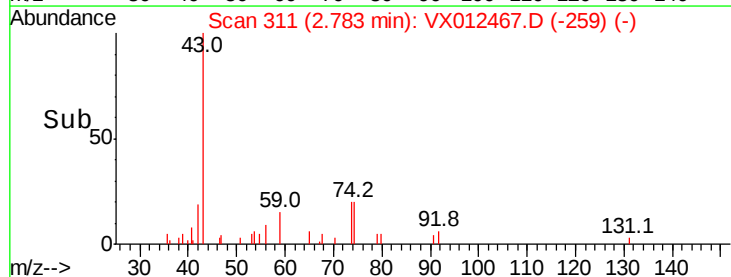
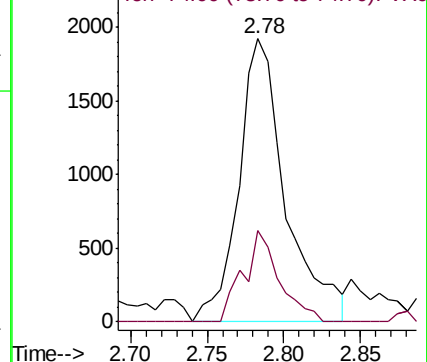
Ion Ratio Lower Upper

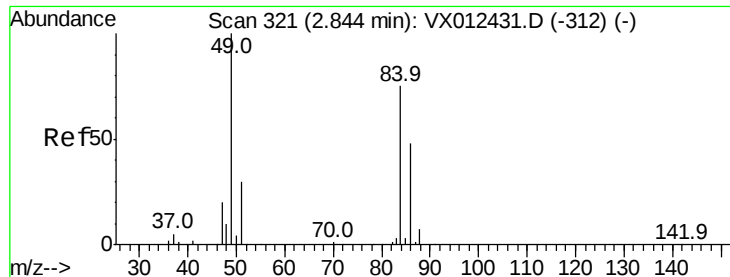
43 100

74 24.6 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0





#20

Methylene Chloride

Concen: 0.579 ug/l

RT: 2.84 min Scan# 320

Delta R.T. -0.01 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

AOC-7(7)ME

Tot Ion: 84 Resp: 901

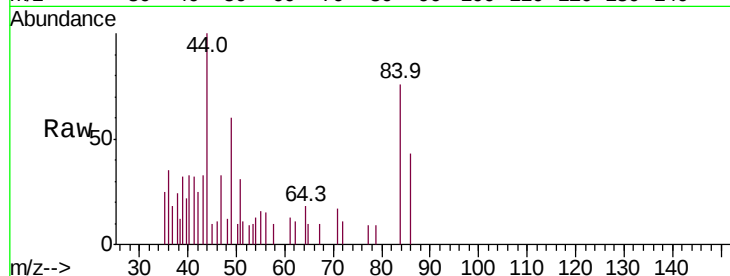
Ion Ratio Lower Upper

84 100

49 65.7 106.8 160.2#

51 55.1 32.3 48.5#

86 56.5 51.3 76.9

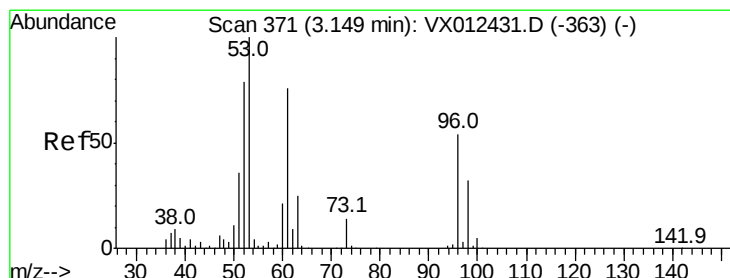
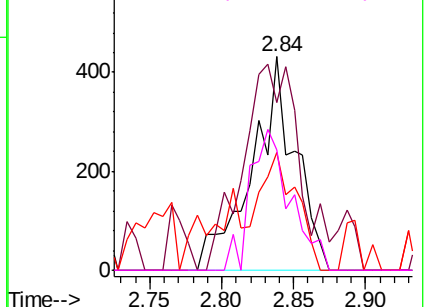
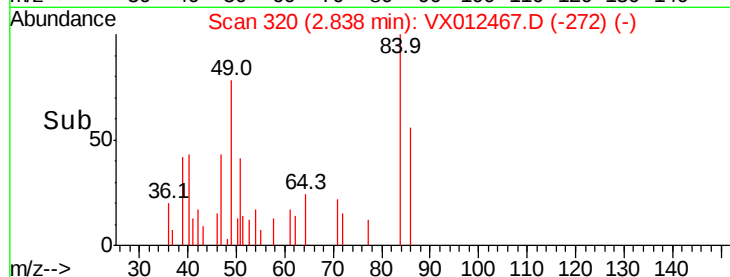


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.218 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.02 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

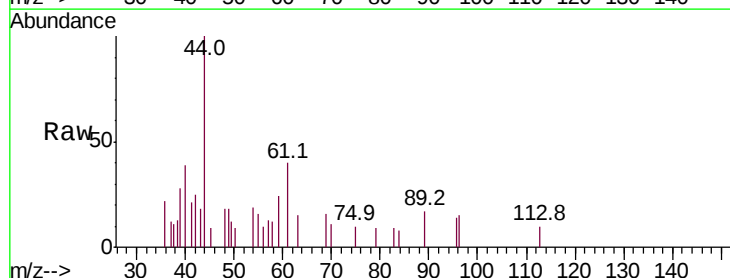
Tgt Ion: 96 Resp: 256

Ion Ratio Lower Upper

96 100

61 138.4 112.0 168.0

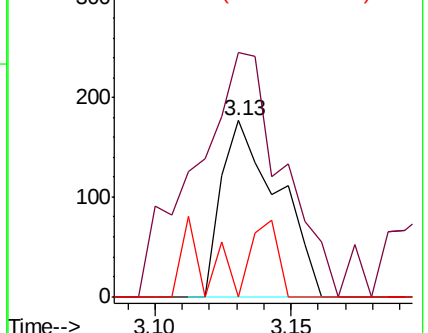
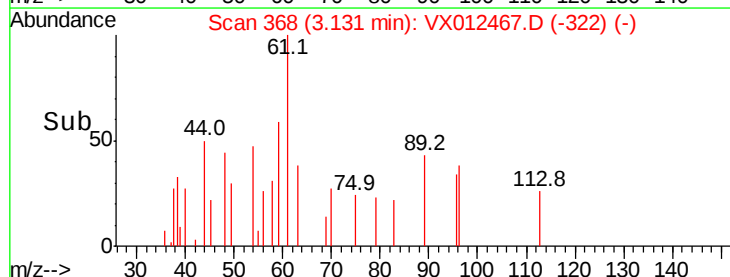
98 0.0 47.8 71.8#

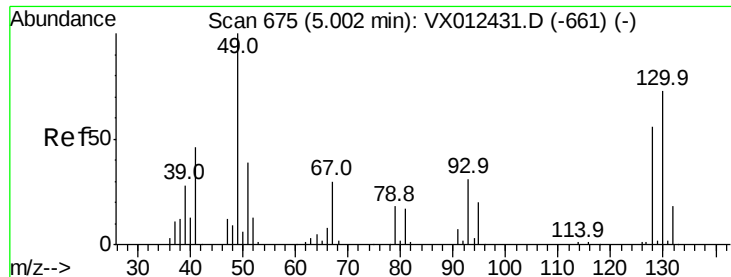


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: 0.203 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :
MSVOA_X
ClientSampled :
AOC-7(7)ME

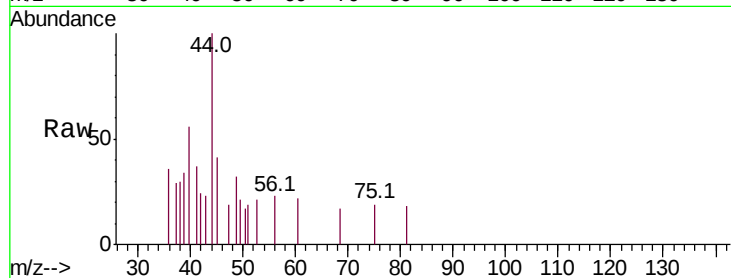
Tot Ion: 49 Resp: 308

Ion Ratio Lower Upper

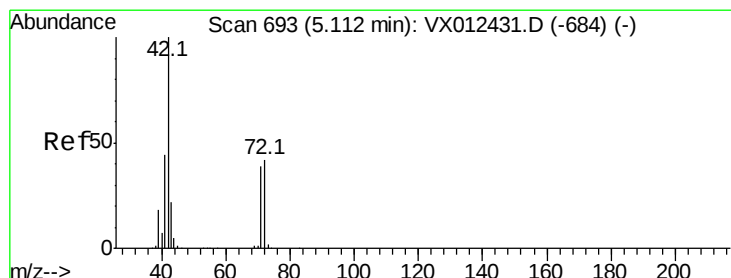
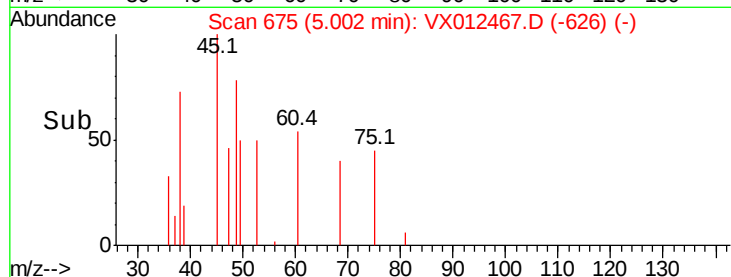
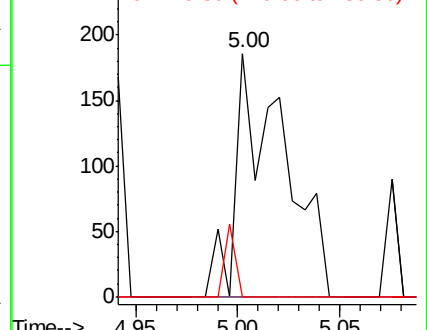
49 100

129 0.0 0.0 3.8

130 6.5 58.2 87.4#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.269 ug/l

RT: 5.08 min Scan# 688

Delta R.T. -0.03 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

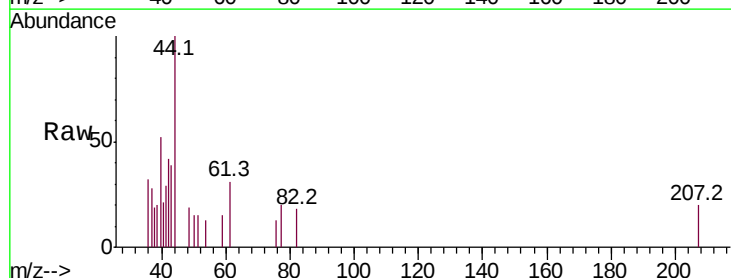
Tgt Ion: 42 Resp: 265

Ion Ratio Lower Upper

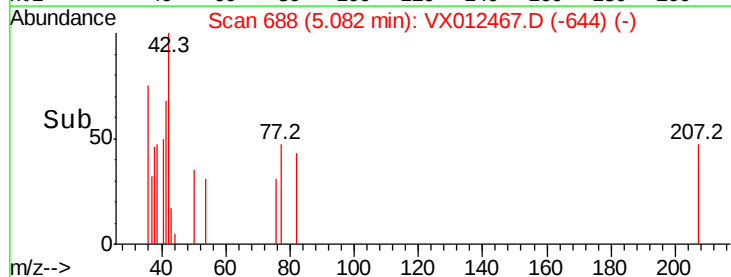
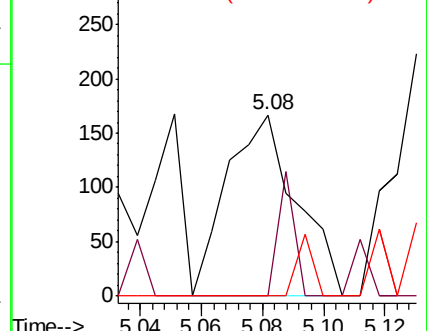
42 100

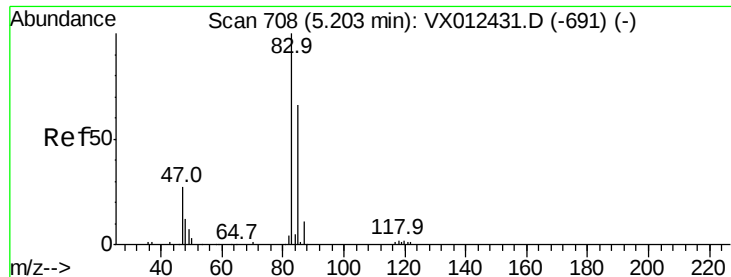
72 15.8 34.0 51.0#

71 7.9 31.5 47.3#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

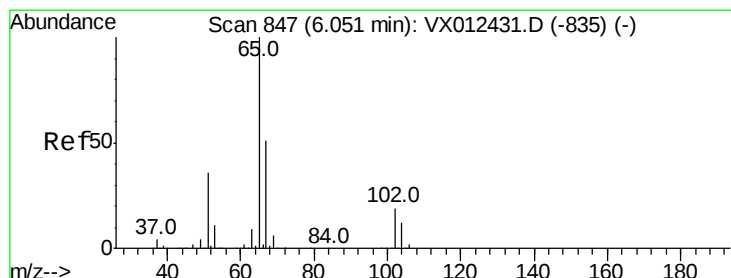
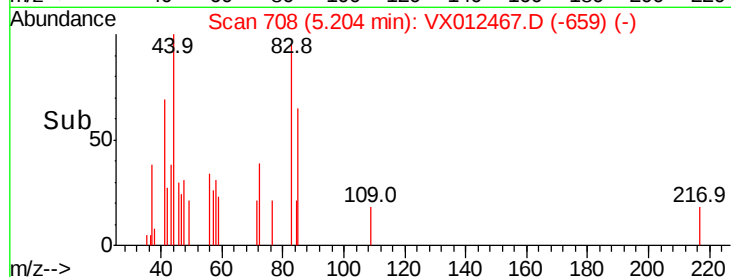
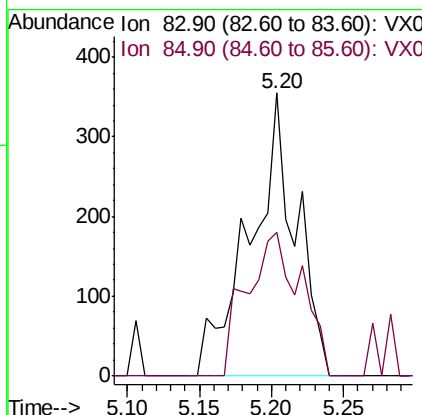
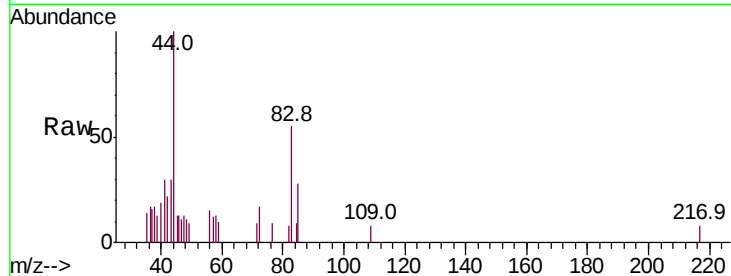




#30
Chloroform
Concen: 0.233 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

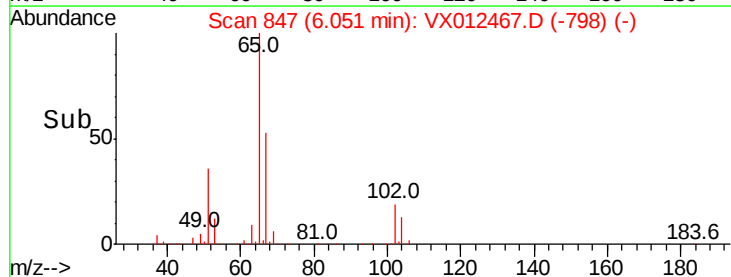
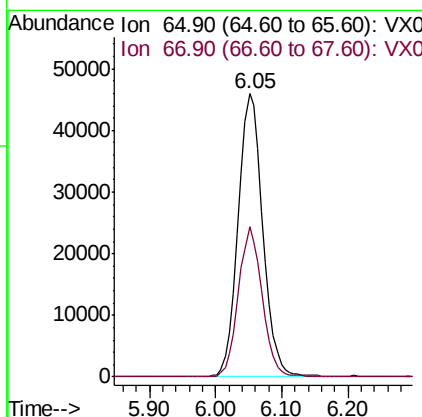
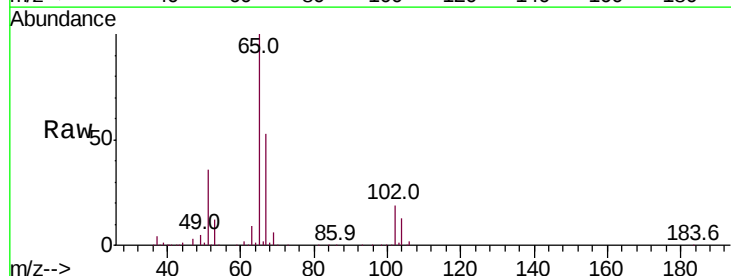
Instrument :
MSVOA_X
ClientSampleId :
AOC-7(7)ME

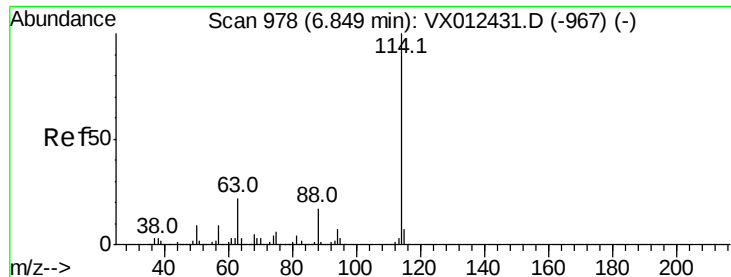
Tot Ion: 83 Resp: 788
Ion Ratio Lower Upper
83 100
85 51.0 53.0 79.4#



#33
1,2-Dichloroethane-d4
Concen: 46.162 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

Tgt Ion: 65 Resp: 118795
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

AOC-7(7)ME

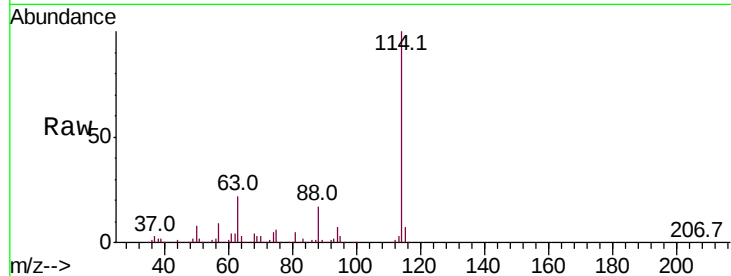
Tot Ion:114 Resp: 282428

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

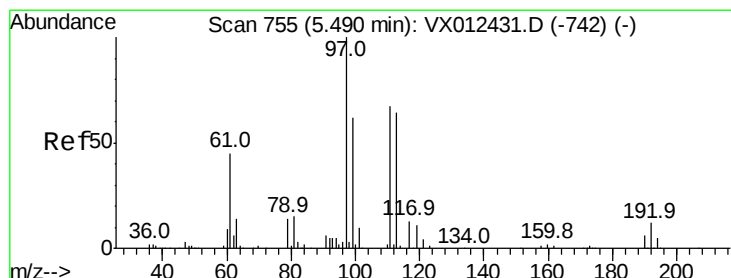
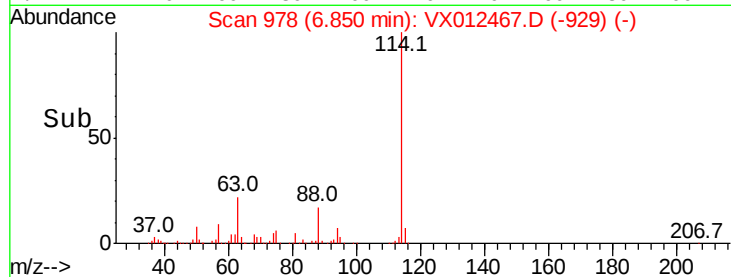
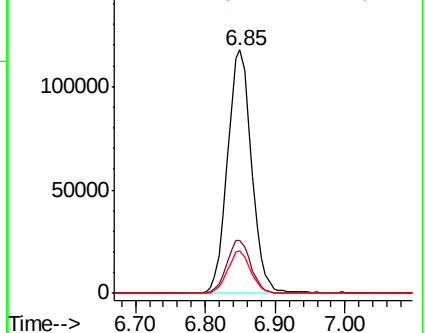
88 17.3 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.365 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

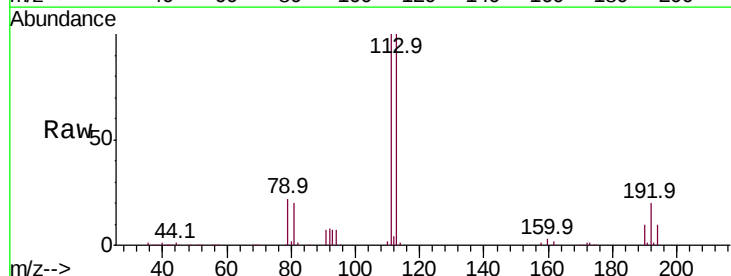
Tgt Ion:113 Resp: 82676

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

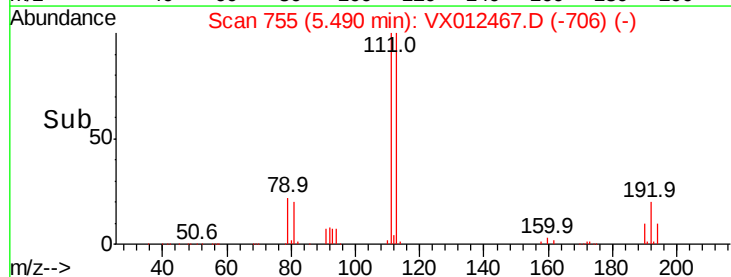
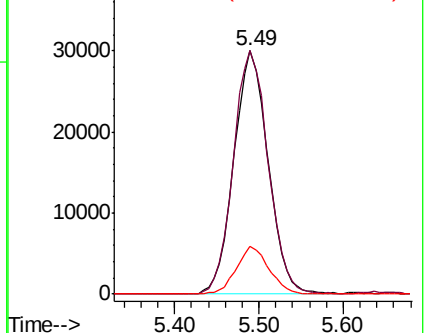
192 18.6 14.4 21.6

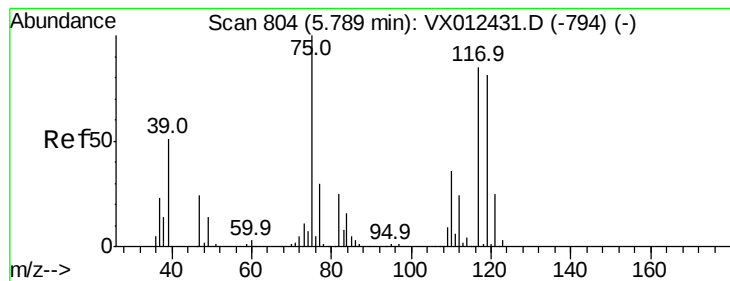


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 8.647 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

AOC-7(7)ME

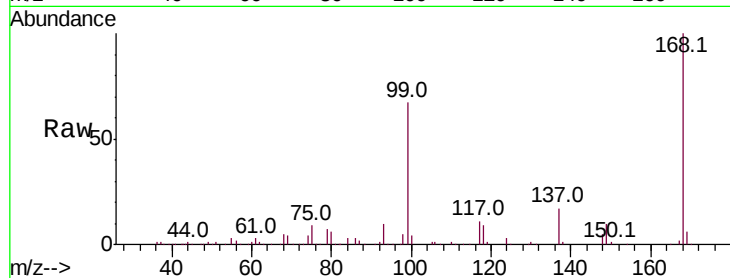
Tot Ion: 75 Resp: 14842

Ion Ratio Lower Upper

75 100

110 11.6 16.7 50.0#

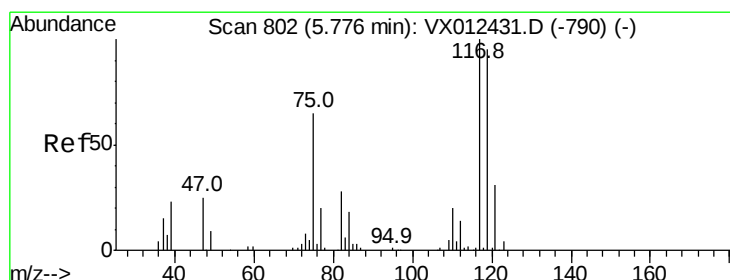
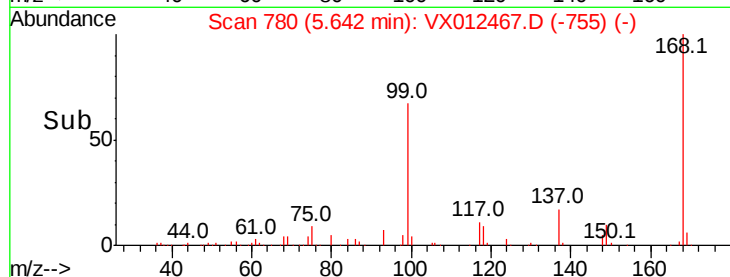
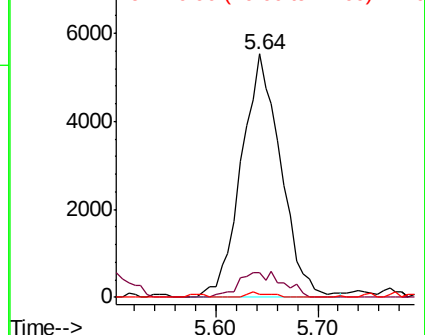
77 1.1 24.2 36.2#



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: 9.168 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

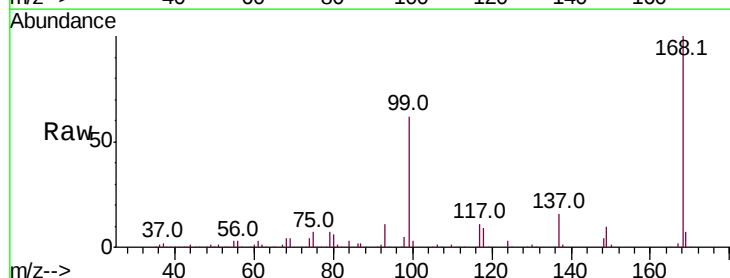
Tgt Ion: 117 Resp: 19571

Ion Ratio Lower Upper

117 100

119 3.8 75.7 113.5#

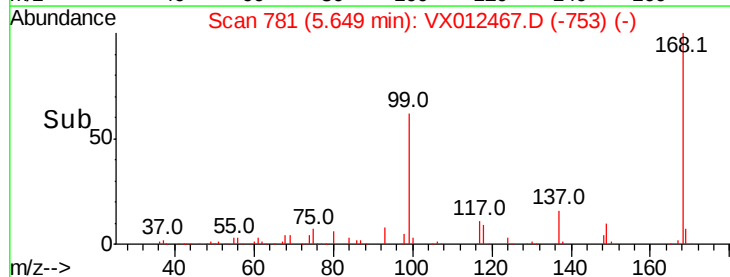
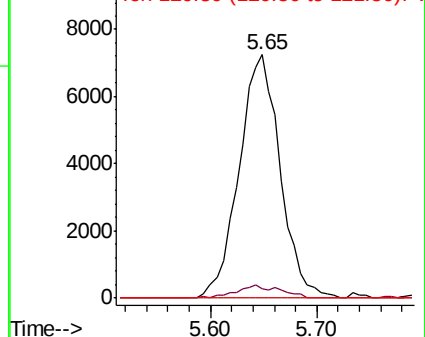
121 0.0 24.2 36.4#

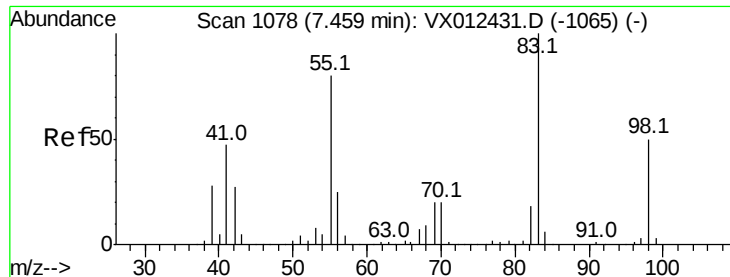


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

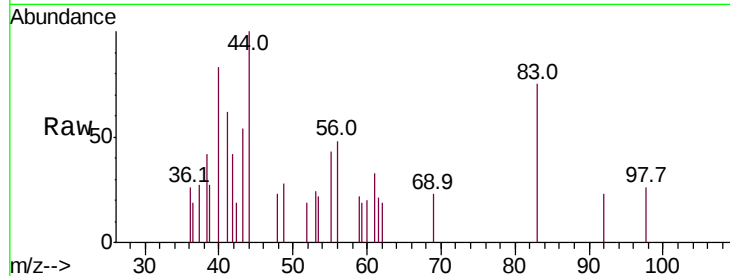




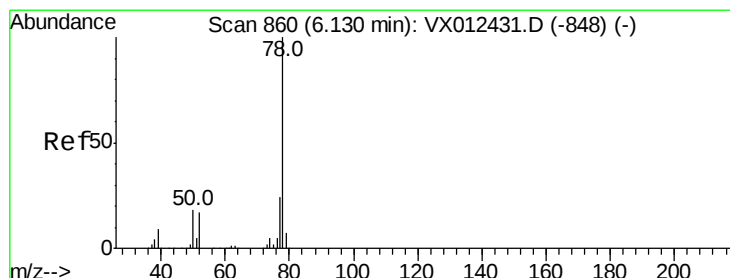
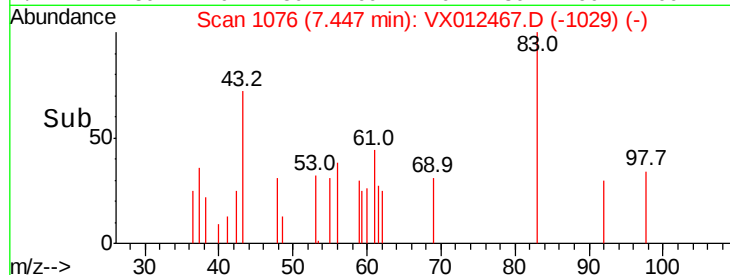
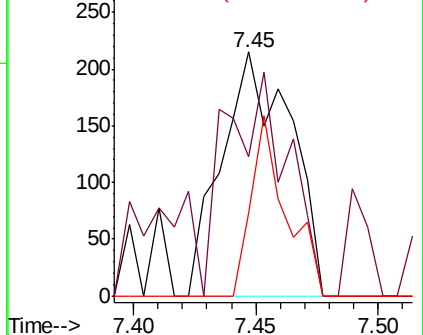
#39
Methvlcvclohexane
Concen: 0.254 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
AOC-7(7)ME

Tot Ion: 83 Resp: 423
Ion Ratio Lower Upper
83 100
55 57.2 64.4 96.6#
98 34.0 40.1 60.1#

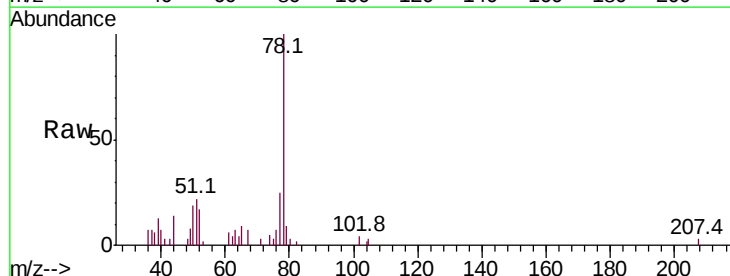


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

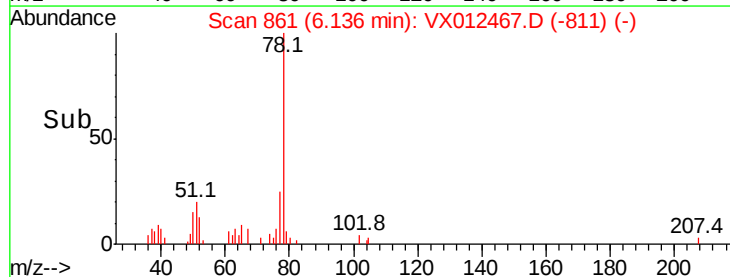
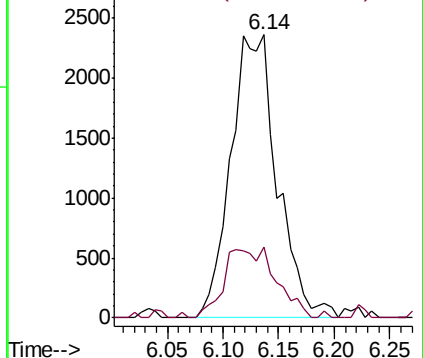


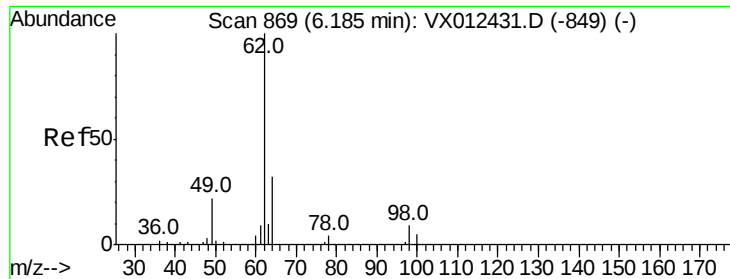
#40
Benzene
Concen: 1.252 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

Tgt Ion: 78 Resp: 6834
Ion Ratio Lower Upper
78 100
77 24.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 0.213 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

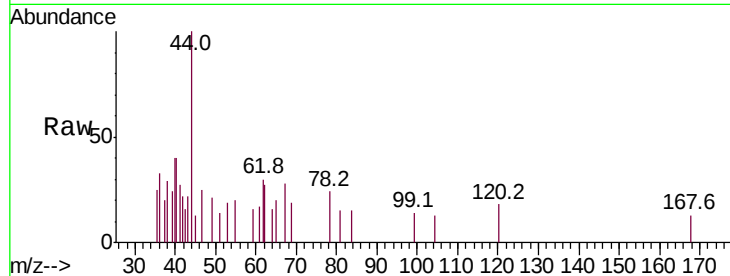
AOC-7(7)ME

Tot Ion: 62 Resp: 540

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.19

250

200

150

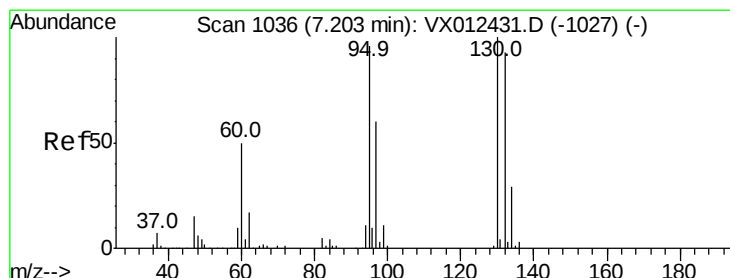
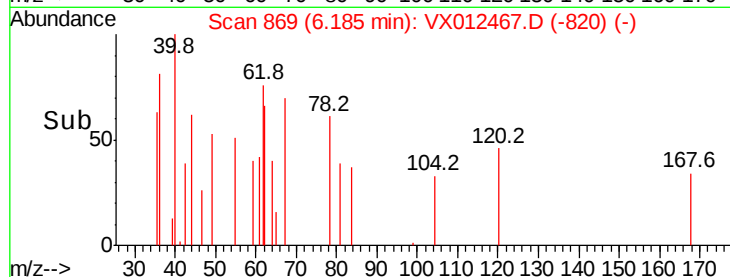
100

50

0

6.15 6.20 6.25

Time-->



#44

Trichloroethene

Concen: 0.455 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012467.D

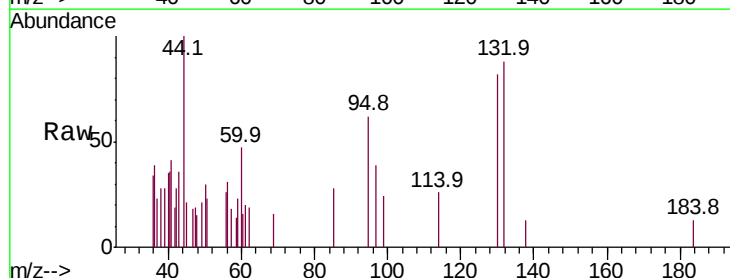
Acq: 18 Sep 2019 12:41

Tgt Ion: 130 Resp: 653

Ion Ratio Lower Upper

130 100

95 75.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

400

300

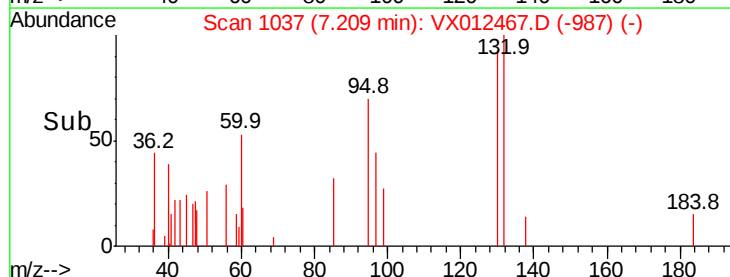
200

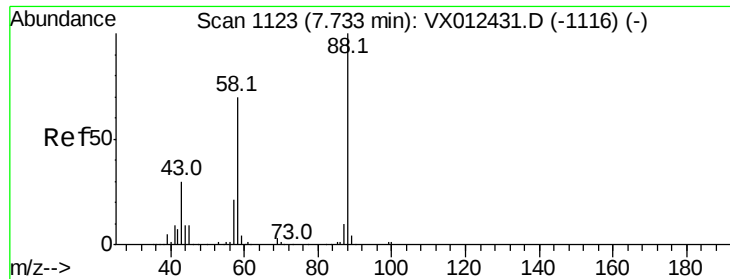
100

0

7.15 7.20 7.25

Time-->





#49

1,4-Dioxane

Concen: 0.811 ug/l

RT: 7.79 min Scan# 1133

Delta R.T. 0.06 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

AOC-7(7)ME

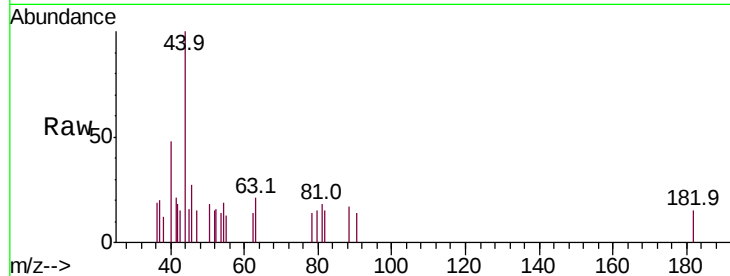
Tot Ion: 88 Resp: 44

Ion Ratio Lower Upper

88 100

43 650.0 29.4 44.0#

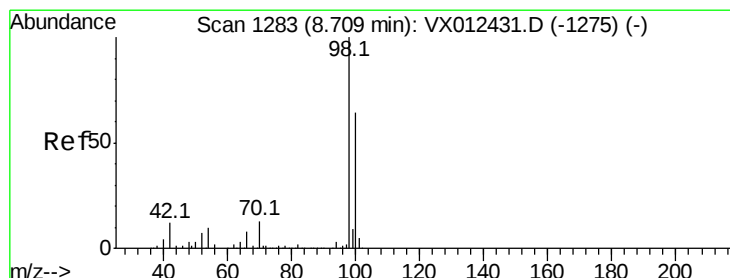
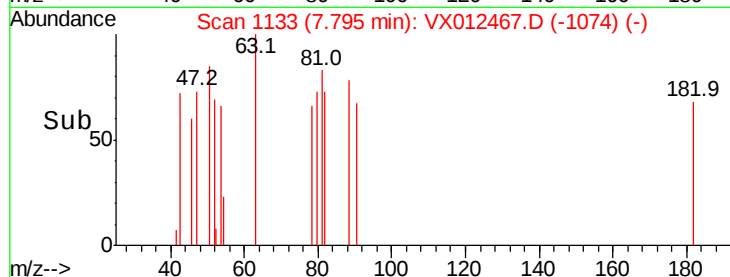
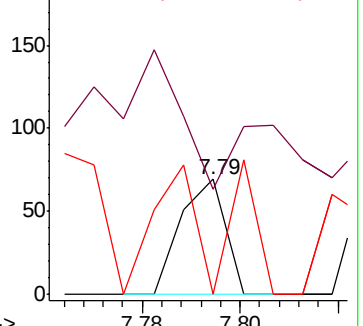
58 175.0 57.5 86.3#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.961 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012467.D

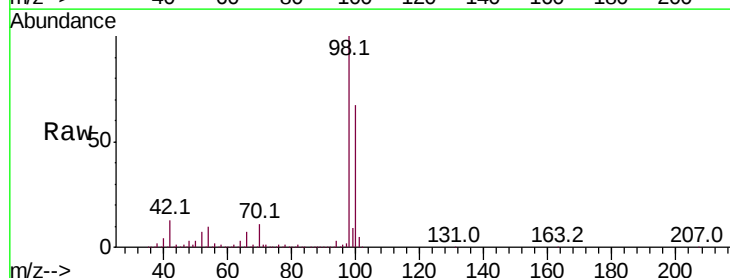
Acq: 18 Sep 2019 12:41

Tgt Ion: 98 Resp: 322447

Ion Ratio Lower Upper

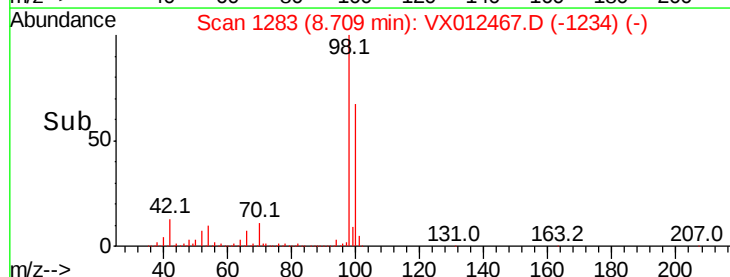
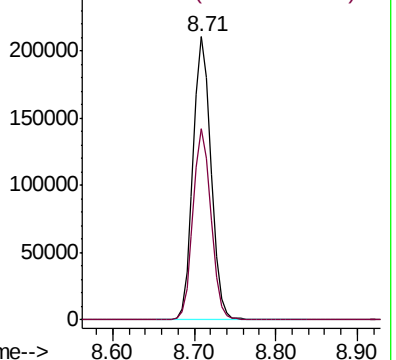
98 100

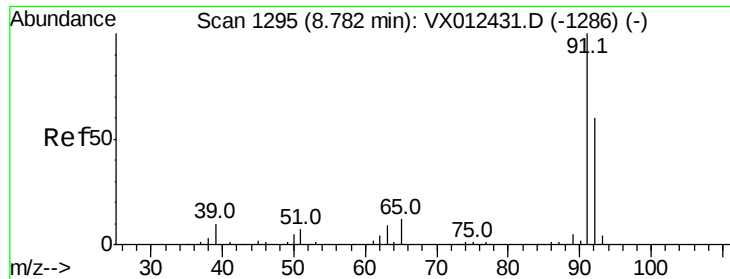
100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.643 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

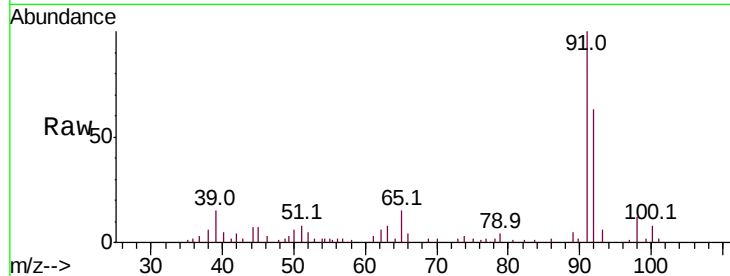
AOC-7(7)ME

Tot Ion: 92 Resp: 5780

Ion Ratio Lower Upper

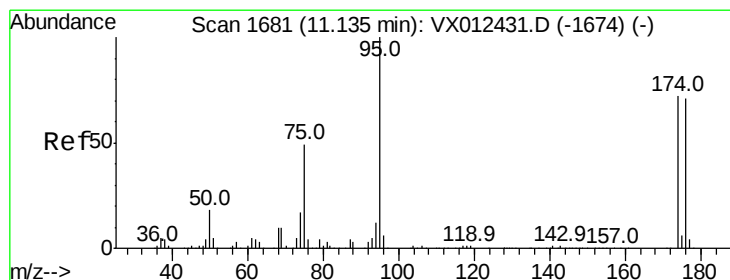
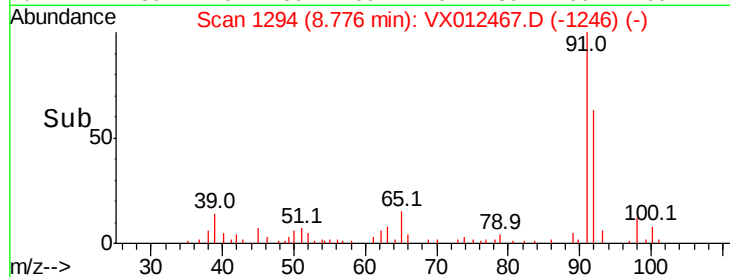
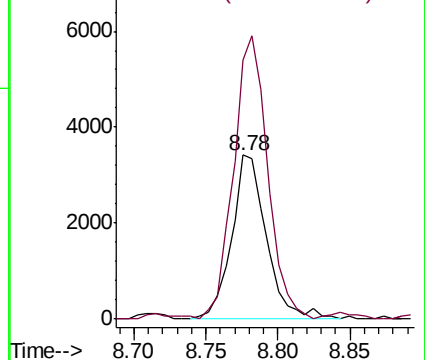
92 100

91 168.6 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.219 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

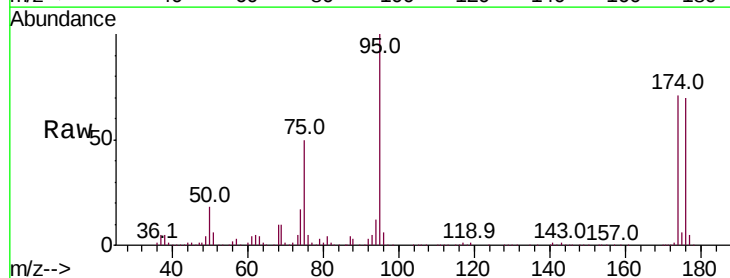
Tgt Ion: 95 Resp: 118798

Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.0

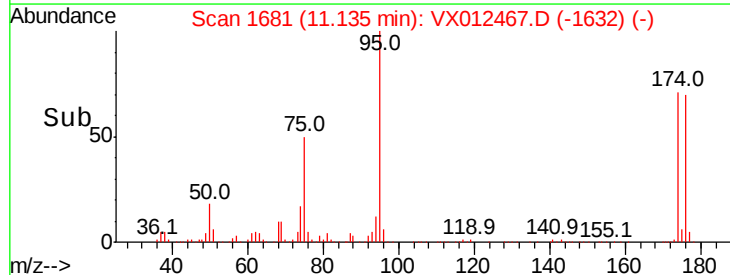
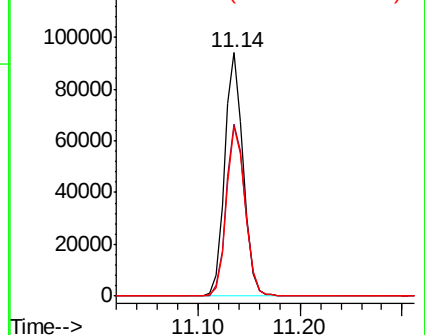
176 69.8 0.0 135.4

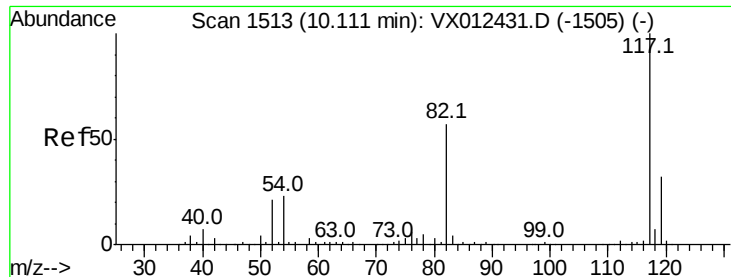


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

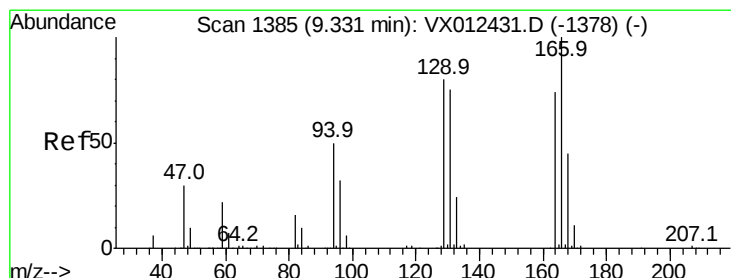
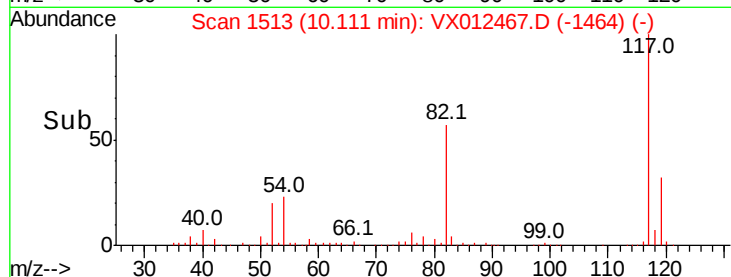
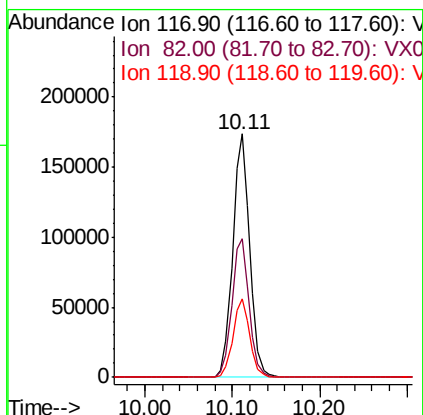
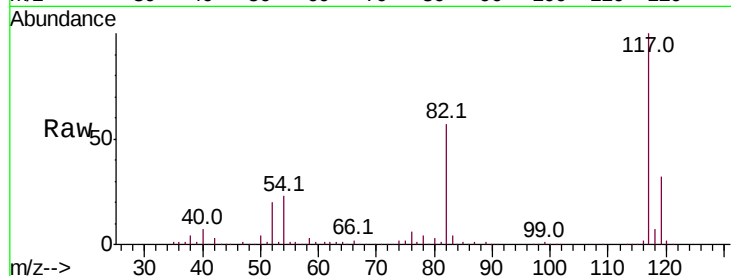




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

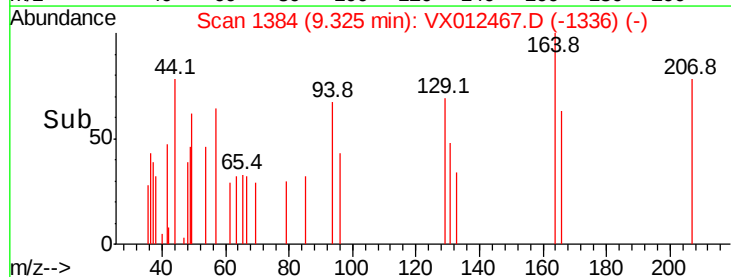
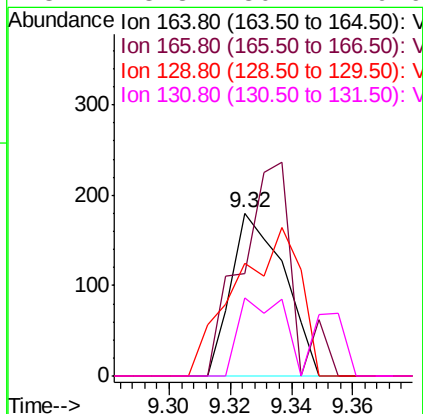
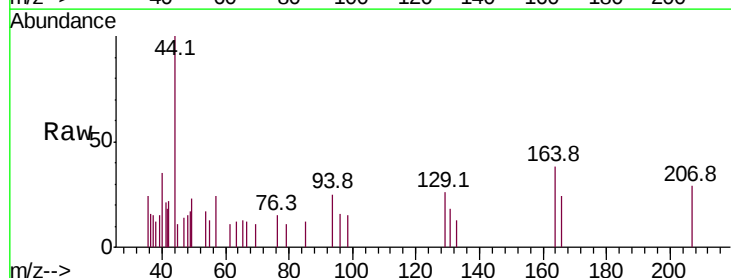
Instrument :
MSVOA_X
ClientSampleId :
AOC-7(7)ME

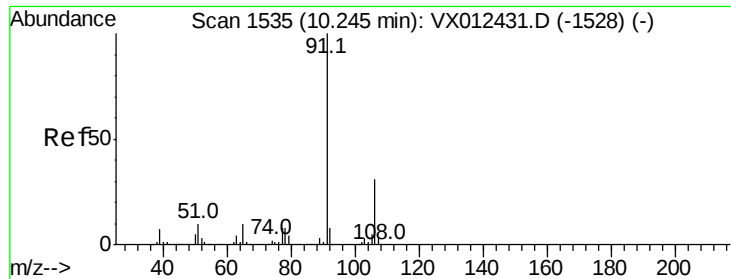
Tot Ion:117 Resp: 236114
Ion Ratio Lower Upper
117 100
82 56.7 45.9 68.9
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 0.201 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VX012467.D
Acq: 18 Sep 2019 12:41

Tgt Ion:164 Resp: 217
Ion Ratio Lower Upper
164 100
166 62.8 107.8 161.6#
129 69.4 86.2 129.2#
131 48.3 80.4 120.6#





#67

Ethyl Benzene

Concen: 0.259 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

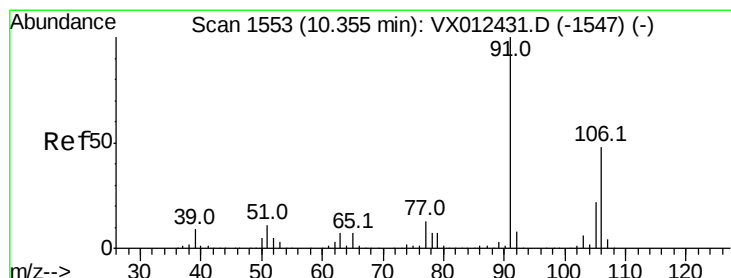
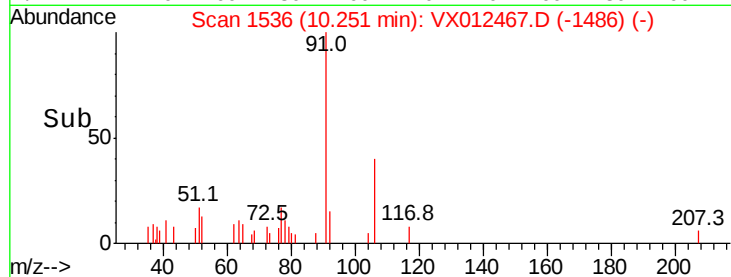
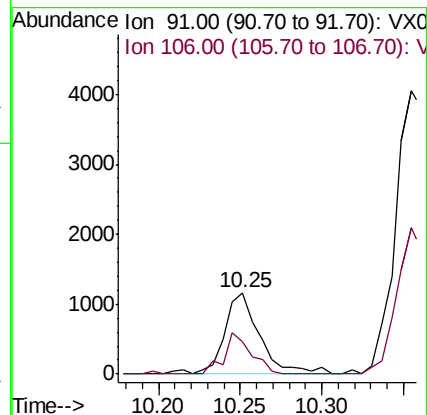
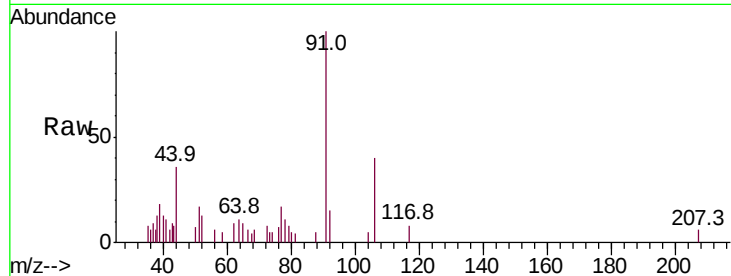
AOC-7(7)ME

Tot Ion: 91 Resp: 1736

Ion Ratio Lower Upper

91 100

106 40.3 24.6 37.0#



#68

m/p-Xylenes

Concen: 1.278 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012467.D

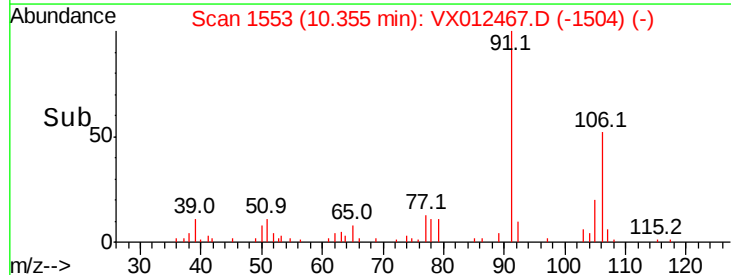
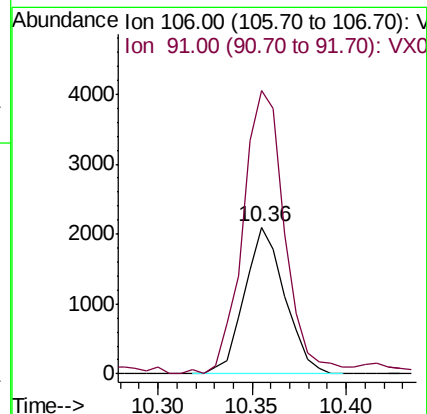
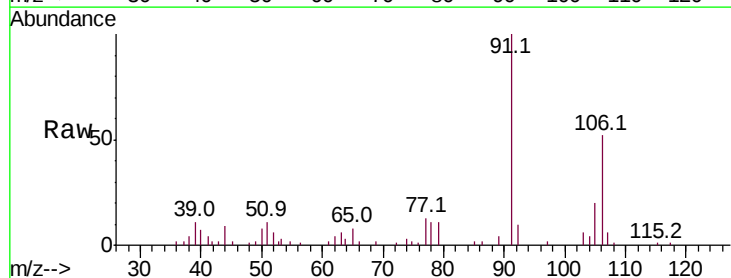
Acq: 18 Sep 2019 12:41

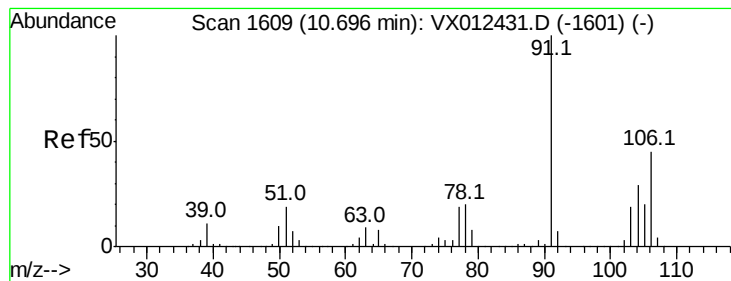
Tgt Ion:106 Resp: 3114

Ion Ratio Lower Upper

106 100

91 200.4 166.6 250.0





#69

o-Xylene

Concen: 0.550 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

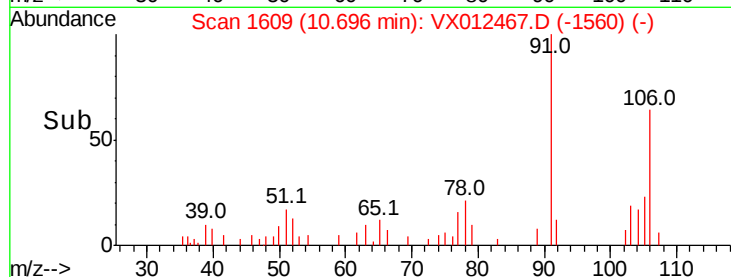
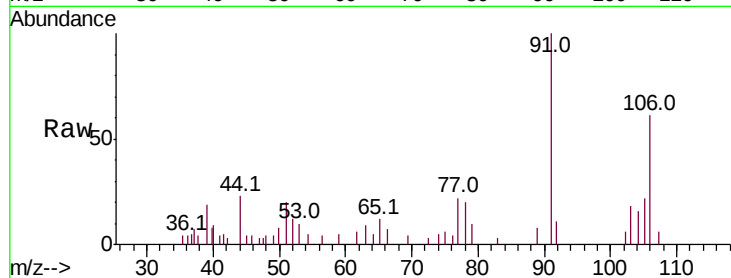
AOC-7(7)ME

Tot Ion:106 Resp: 1377

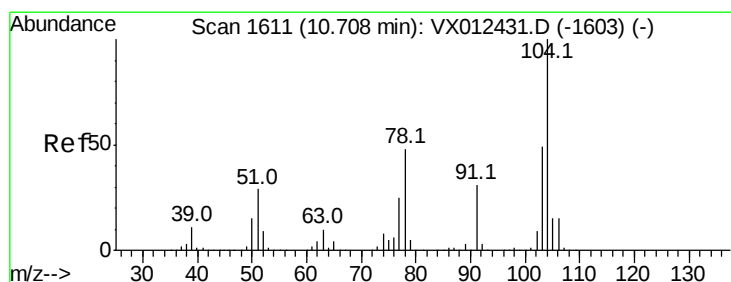
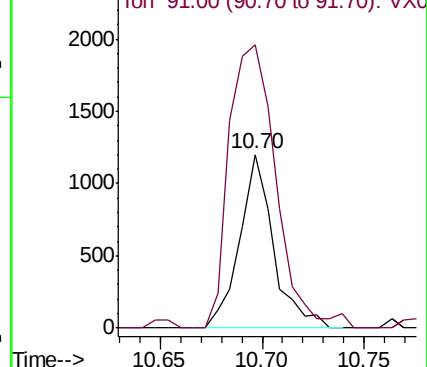
Ion Ratio Lower Upper

106 100

91 227.4 109.4 328.2



Abundance Ion 106.00 (105.70 to 106.70): V



#70

Styrene

Concen: 0.732 ug/l

RT: 10.71 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

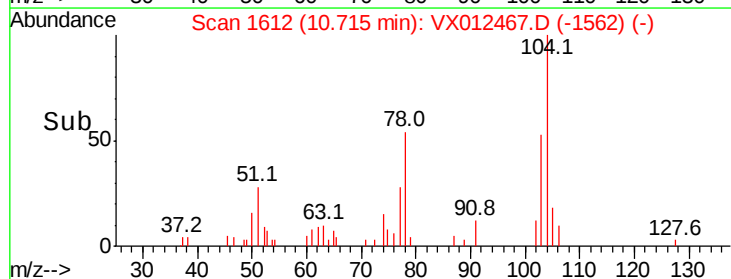
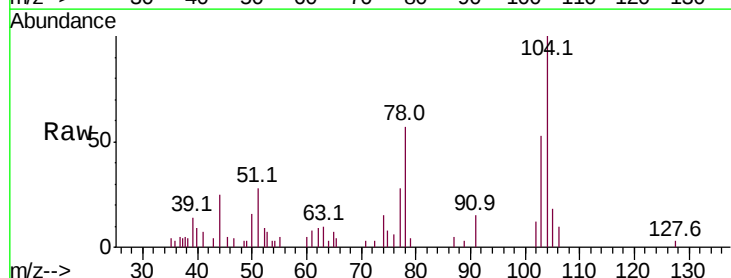
Tgt Ion:104 Resp: 3243

Ion Ratio Lower Upper

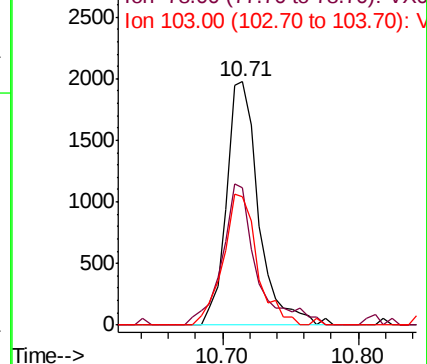
104 100

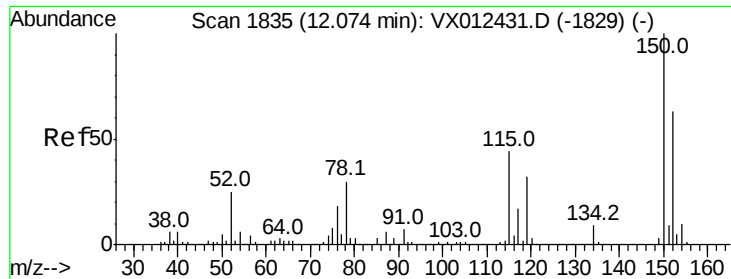
78 62.0 43.4 65.2

103 57.0 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

AOC-7(7)ME

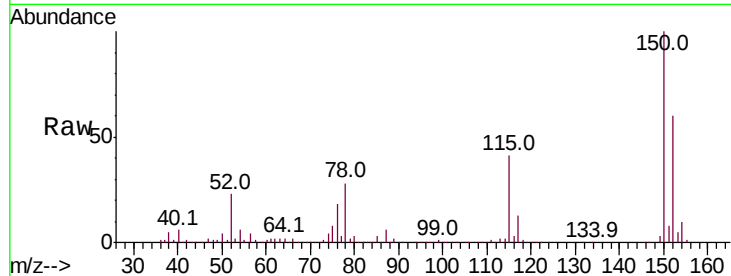
Tot Ion:152 Resp: 108330

Ion Ratio Lower Upper

152 100

115 63.4 44.1 132.3

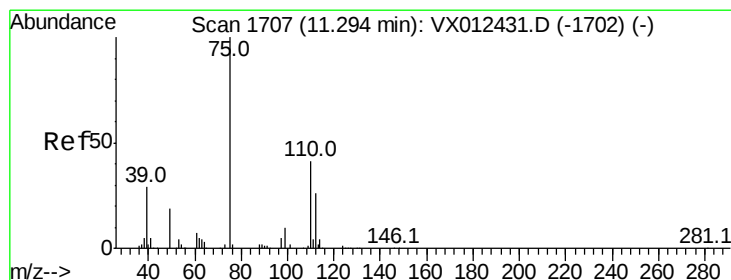
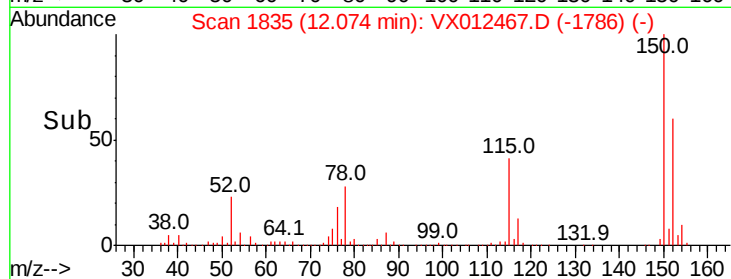
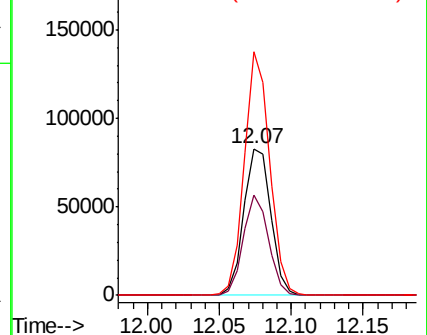
150 155.5 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 24.899 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012467.D

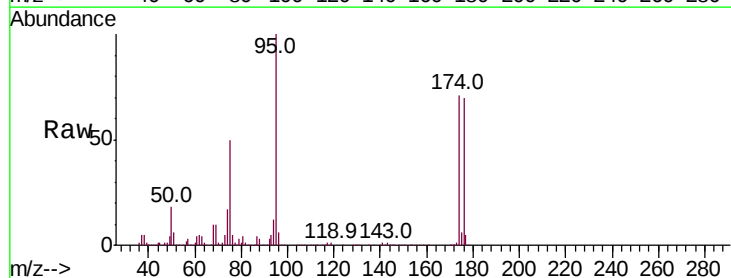
Acq: 18 Sep 2019 12:41

Tgt Ion: 75 Resp: 61959

Ion Ratio Lower Upper

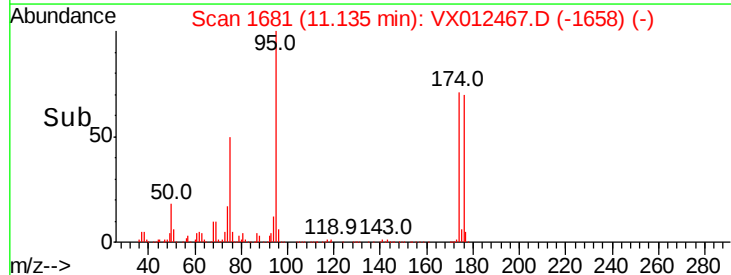
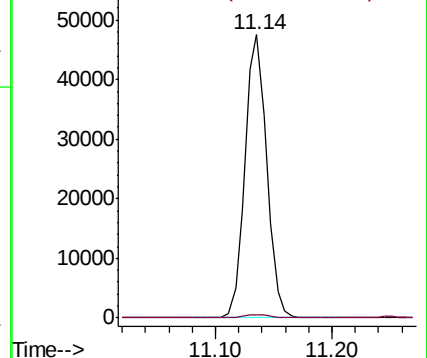
75 100

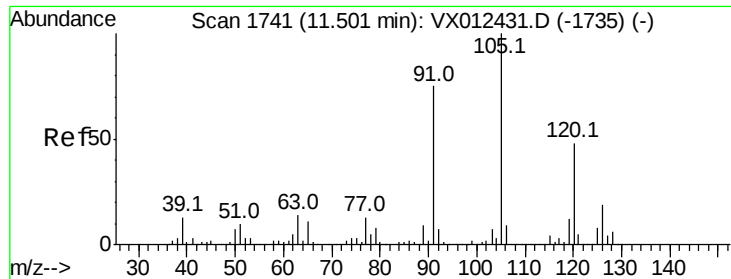
77 1.3 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

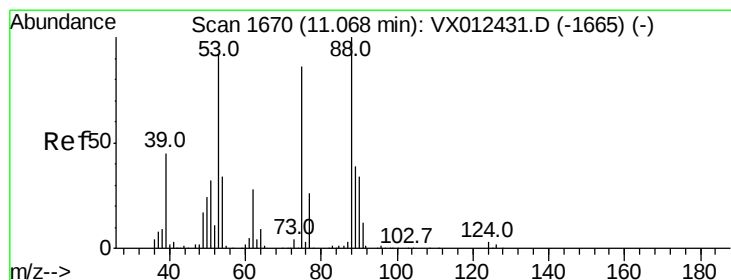
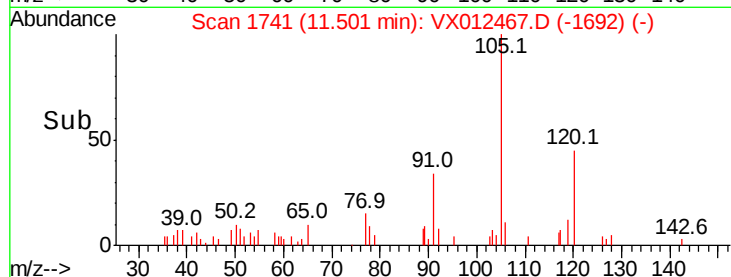
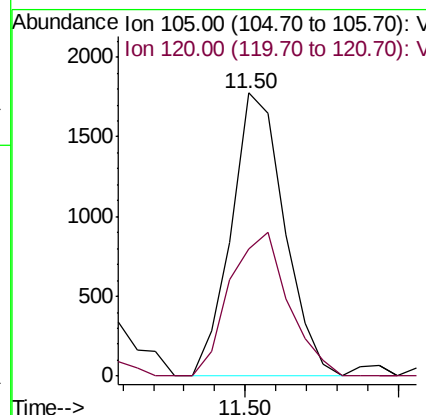
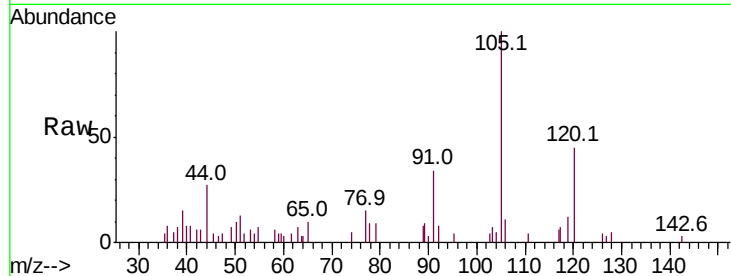




#80
 1,3,5-Trimethylbenzene
 Concen: 0.368 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012467.D
 Acq: 18 Sep 2019 12:41

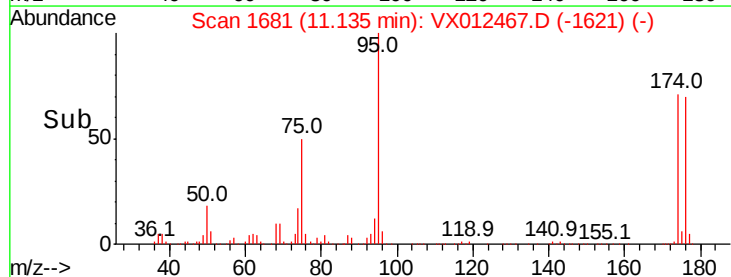
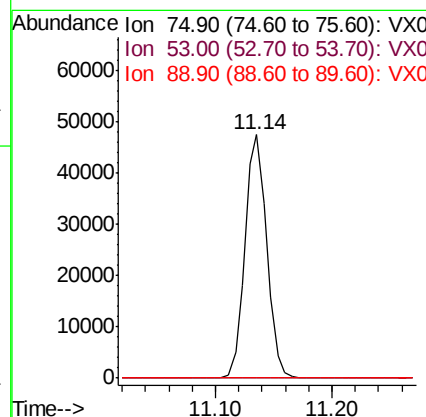
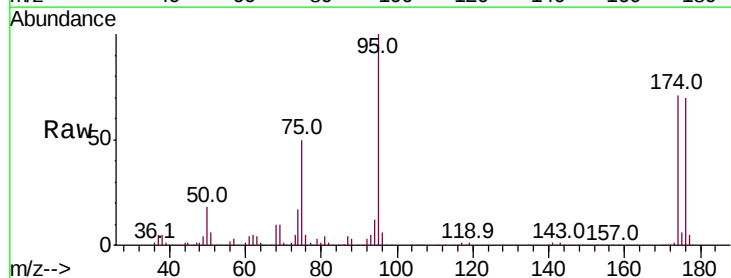
Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-7(7)ME

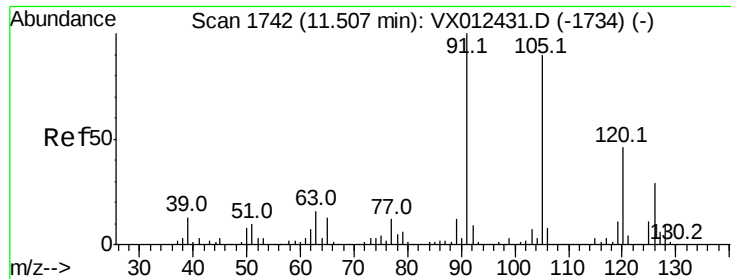
Tot Ion:105 Resp: 2135
 Ion Ratio Lower Upper
 105 100
 120 56.2 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.220 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX012467.D
 Acq: 18 Sep 2019 12:41

Tgt Ion: 75 Resp: 61959
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.6 125.4#
 89 0.0 36.3 54.5#





#82

4-Chlorotoluene

Concen: 0.259 ug/l

RT: 11.51 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

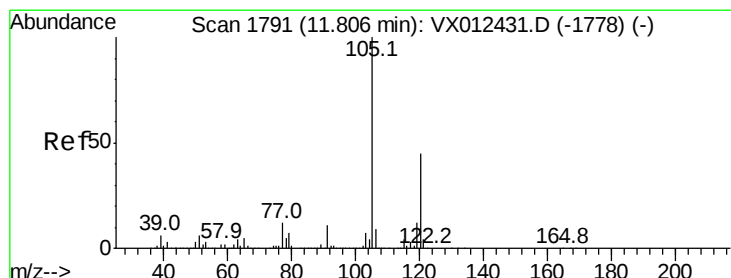
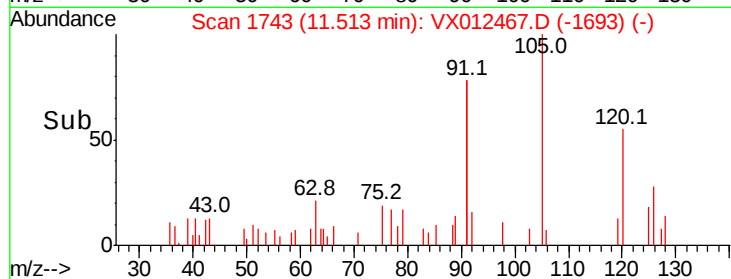
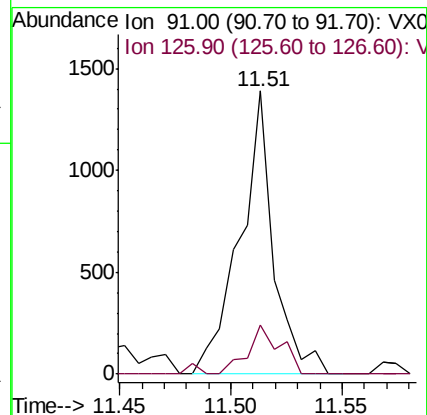
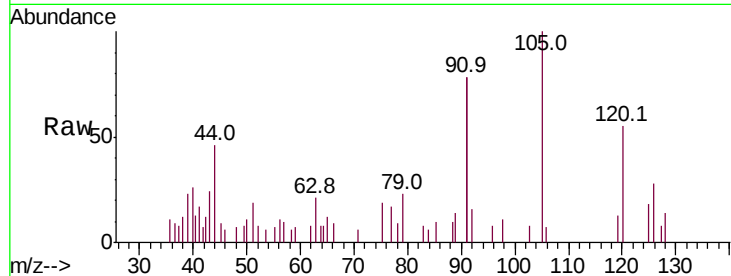
AOC-7(7)ME

Tot Ion: 91 Resp: 1463

Ion Ratio Lower Upper

91 100

126 17.0 14.4 43.0



#84

1,2,4-Trimethylbenzene

Concen: 0.649 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX012467.D

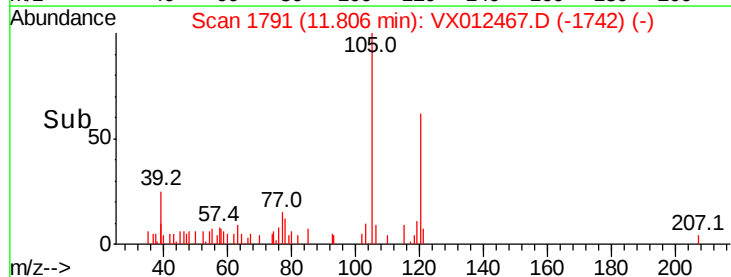
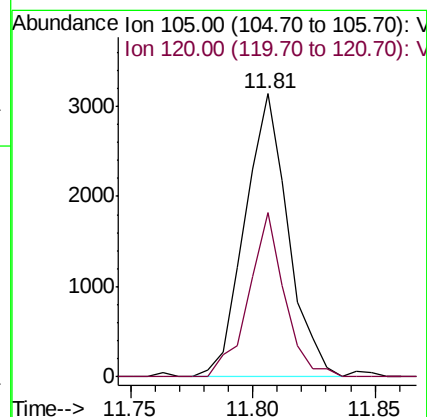
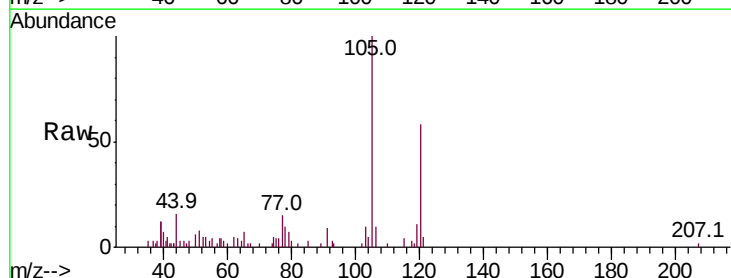
Acq: 18 Sep 2019 12:41

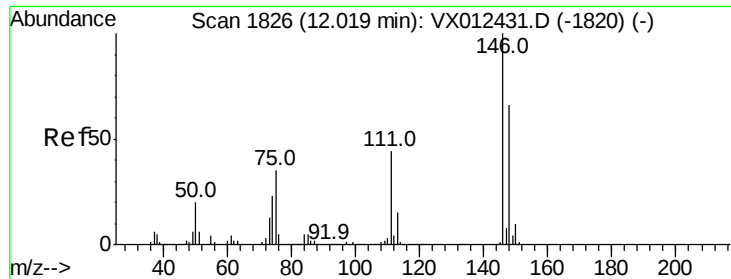
Tgt Ion:105 Resp: 3860

Ion Ratio Lower Upper

105 100

120 48.2 22.2 66.6





#87

1,3-Dichlorobenzene

Concen: 0.257 ug/l

RT: 12.03 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

AOC-7(7)ME

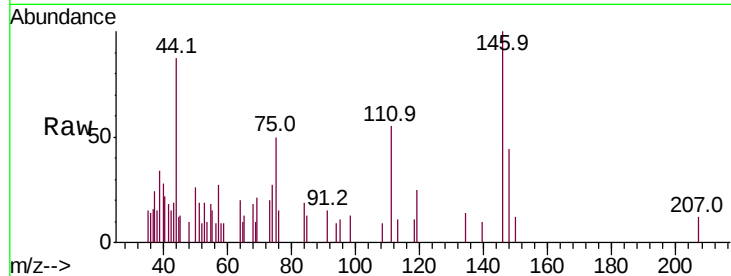
Tot Ion:146 Resp: 801

Ion Ratio Lower Upper

146 100

111 40.3 21.3 64.0

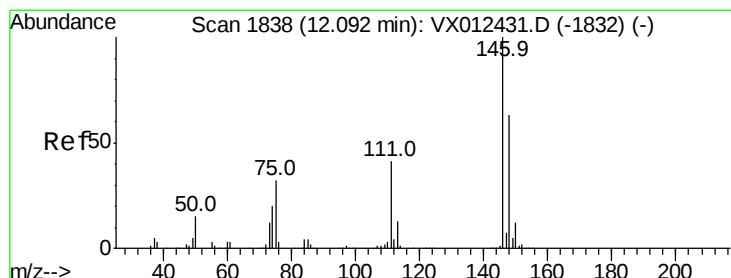
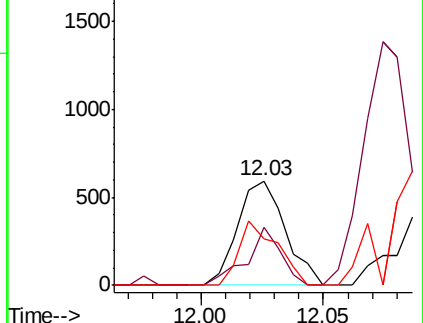
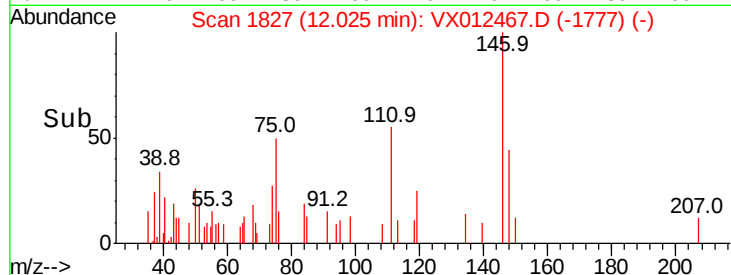
148 49.2 32.4 97.2



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



#88

1,4-Dichlorobenzene

Concen: 0.250 ug/l

RT: 12.03 min Scan# 1827

Delta R.T. -0.07 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

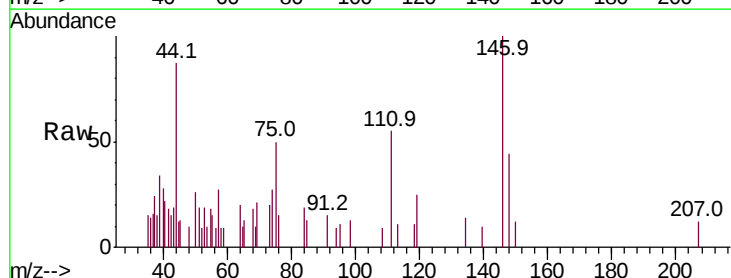
Tgt Ion:146 Resp: 801

Ion Ratio Lower Upper

146 100

111 40.3 21.1 63.3

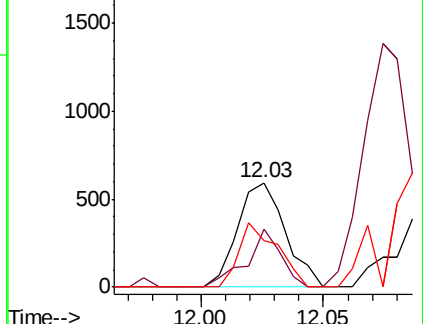
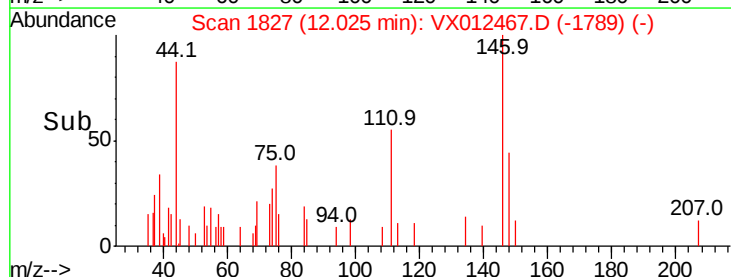
148 49.2 32.1 96.5

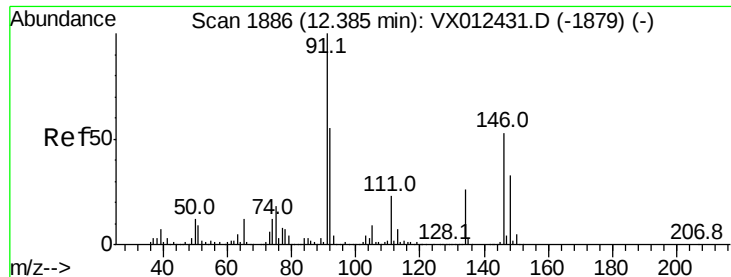


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.297 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

AOC-7(7)ME

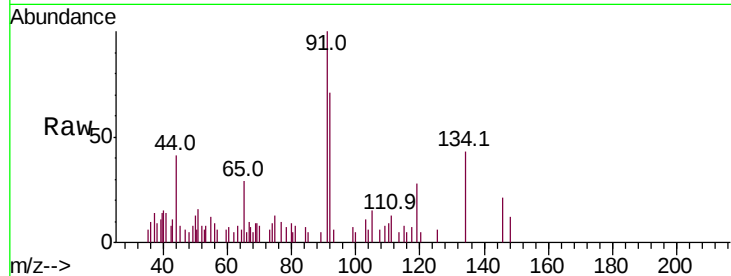
Tot Ion: 91 Resp: 1663

Ion Ratio Lower Upper

91 100

92 46.5 27.7 83.0

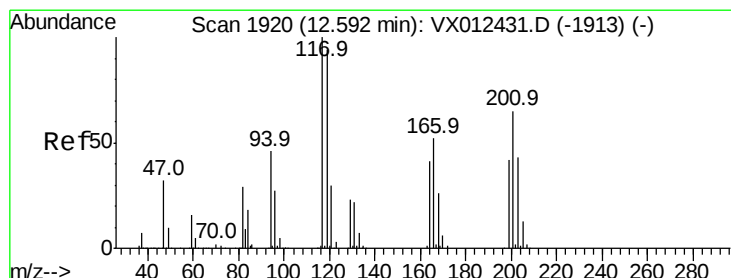
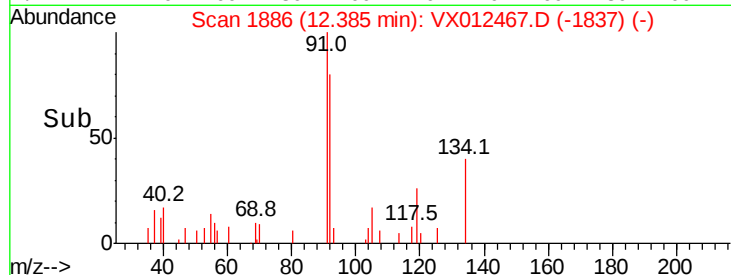
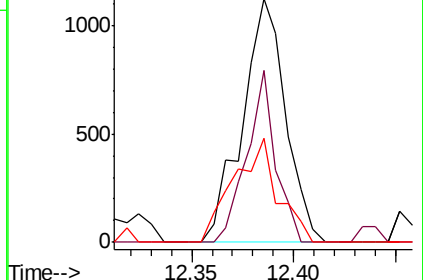
134 43.4 12.9 38.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.215 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012467.D

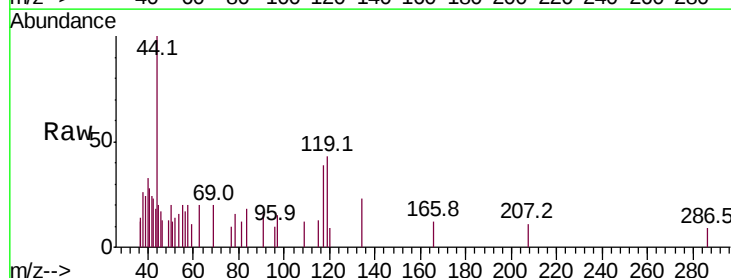
Acq: 18 Sep 2019 12:41

Tgt Ion: 117 Resp: 248

Ion Ratio Lower Upper

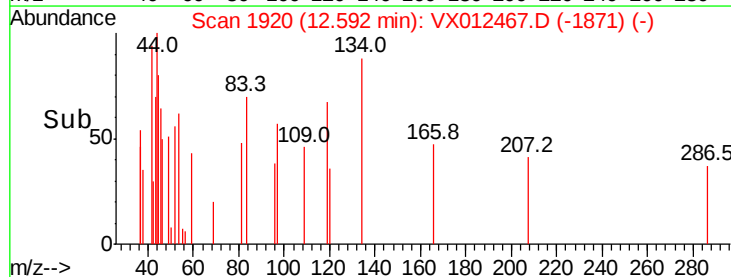
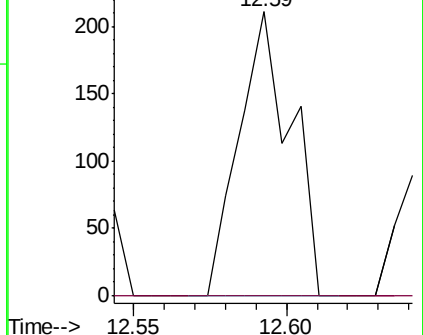
117 100

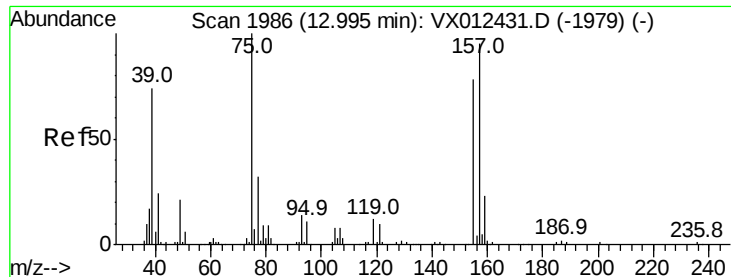
201 0.0 33.3 99.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.239 ug/l

RT: 13.01 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

AOC-7(7)ME

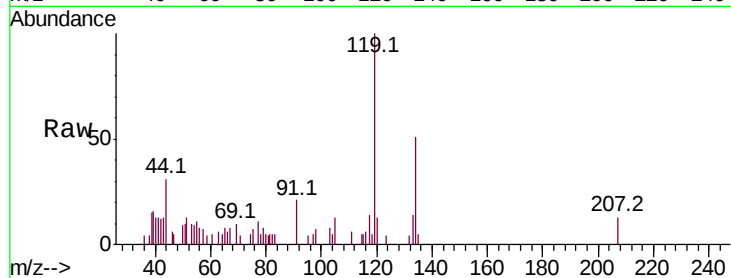
Tot Ion: 75 Resp: 165

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.8#

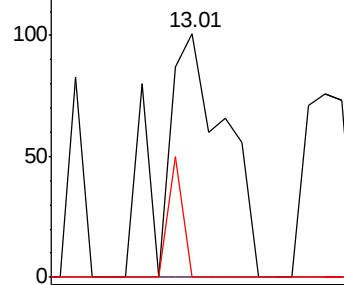
157 10.9 50.6 151.9#



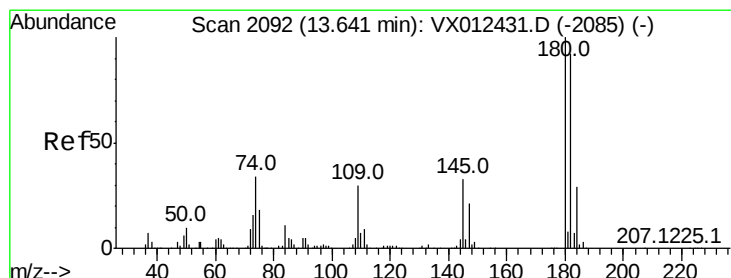
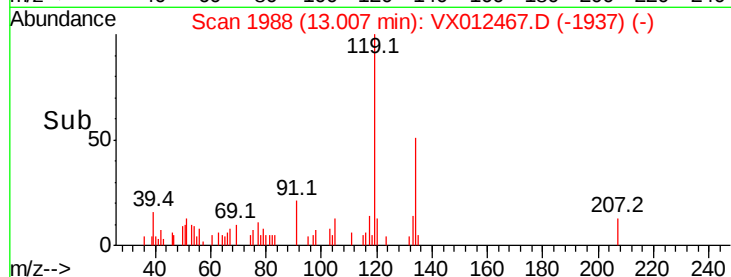
Abundance Ion 74.90 (74.60 to 75.60): VX012431.D (-1979) (-)

Ion 154.80 (154.50 to 155.50): VX012431.D (-1979) (-)

Ion 156.80 (156.50 to 157.50): VX012431.D (-1979) (-)



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 0.525 ug/l

RT: 13.65 min Scan# 2093

Delta R.T. 0.01 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

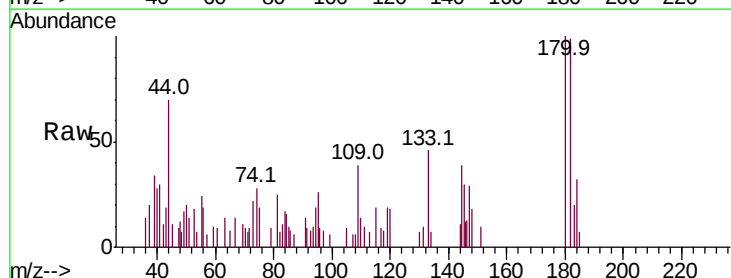
Tgt Ion: 180 Resp: 1102

Ion Ratio Lower Upper

180 100

182 99.6 47.0 141.0

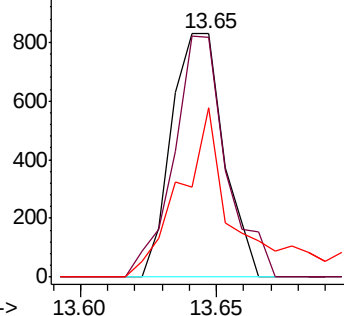
145 72.4 16.8 50.4#



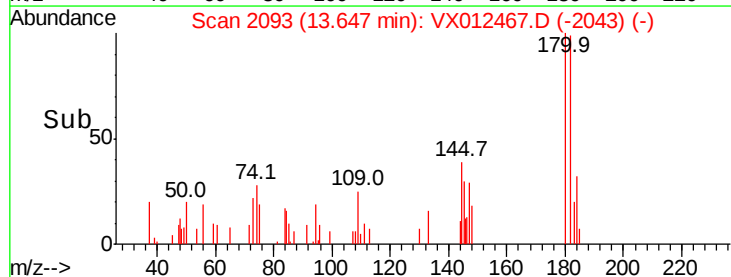
Abundance Ion 179.80 (179.50 to 180.50): VX012431.D (-2085) (-)

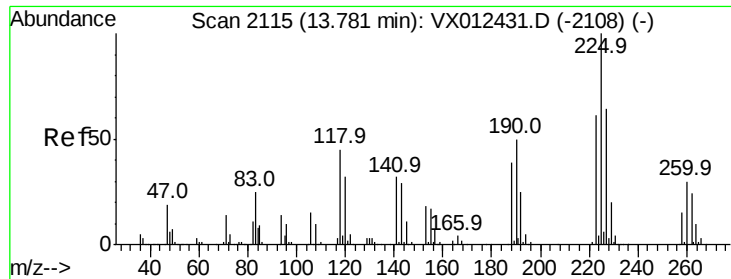
Ion 181.80 (181.50 to 182.50): VX012431.D (-2085) (-)

Ion 144.80 (144.50 to 145.50): VX012431.D (-2085) (-)



Time-->





#94

Hexachlorobutadiene

Concen: 0.449 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

AOC-7(7)ME

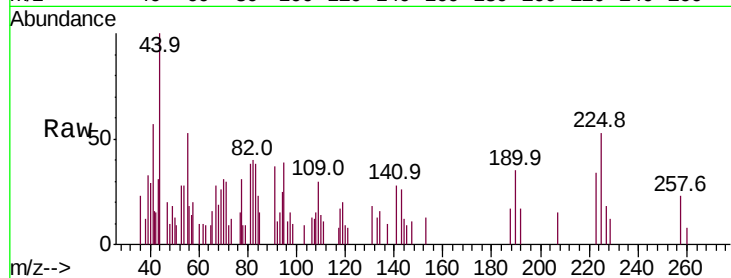
Tot Ion:225 Resp: 444

Ion Ratio Lower Upper

225 100

223 61.0 32.0 96.2

227 41.7 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

13.78

300

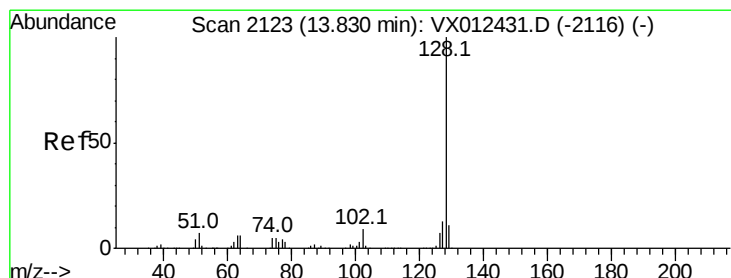
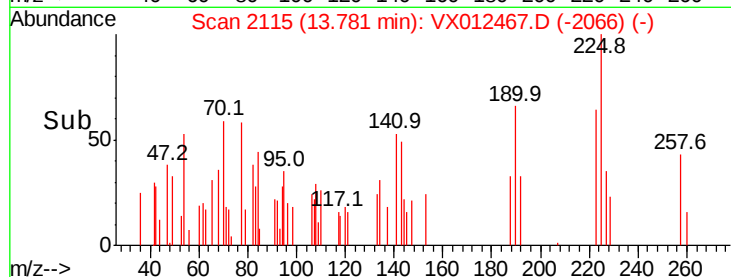
200

100

0

13.75 13.80

Time-->



#95

Naphthalene

Concen: 43.450 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

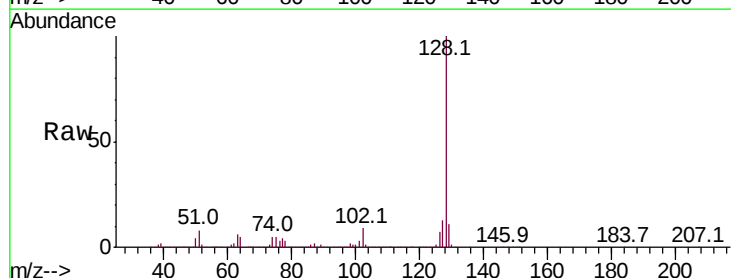
Tgt Ion:128 Resp: 324554

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83

300000

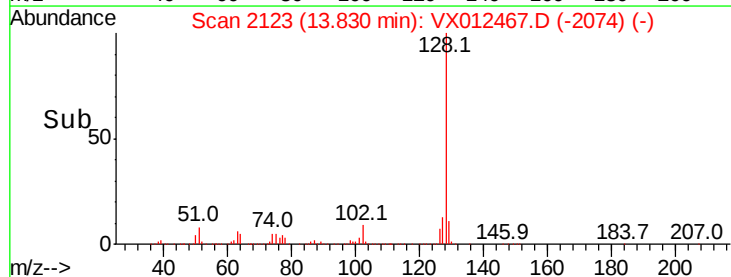
200000

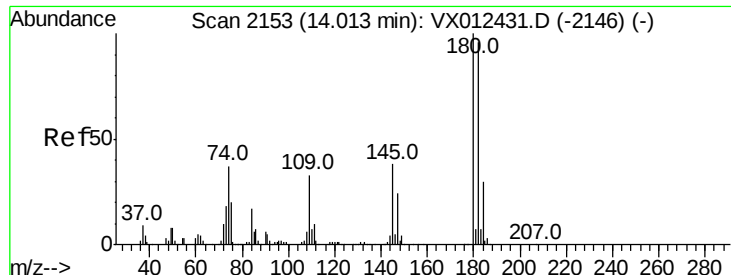
100000

0

13.70 13.80 13.90

Time-->





#96

1,2,3-Trichlorobenzene

Concen: 0.425 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX012467.D

Acq: 18 Sep 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

AOC-7(7)ME

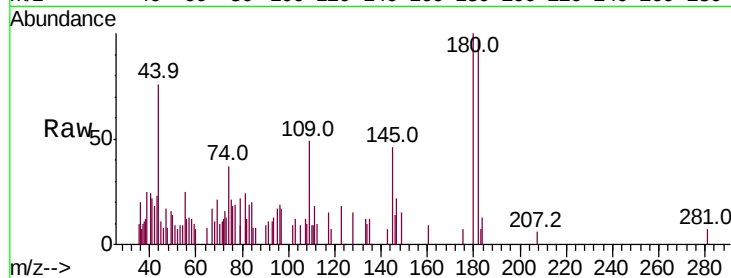
Tot Ion:180 Resp: 910

Ion Ratio Lower Upper

180 100

182 111.4 47.1 141.3

145 48.5 18.0 54.0



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

