

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011175.D
 Acq On : 30 Jul 2019 03:53
 Operator : JC/SP
 Sample : K4024-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-8

Quant Time: Jul 30 05:15:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	102123	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	5.50	113	93967	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	8.71	98	372203	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.13	95	133486	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.21	85	63	0.578	ug/l #	43
3) Chloromethane	1.32	50	357	0.209	ug/l #	74
5) Bromomethane	1.66	94	439	0.448	ug/l #	28
8) Diethyl Ether	2.19	74	245	0.242	ug/l #	23
11) Tert butyl alcohol	3.04	59	596	1.298	ug/l #	44
13) Acrolein	2.29	56	109	0.411	ug/l #	15
16) Acetone	2.45	43	6444	7.234	ug/l #	87
18) Methyl Acetate	2.78	43	1342	0.662	ug/l #	80
20) Methylene Chloride	2.86	84	49492	26.219	ug/l	97
25) 2-Butanone	4.68	43	2979	2.330	ug/l #	89
29) Tetrahydrofuran	5.15	42	434	0.536	ug/l #	53
30) Chloroform	5.21	83	3018	0.950	ug/l	98
36) 1,1-Dichloropropene	5.66	75	12204	4.944	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16913	6.575	ug/l #	18
39) Methylcyclohexane	7.46	83	2530	0.790	ug/l	97
43) Isopropyl Acetate	6.44	43	10986	2.643	ug/l	99
44) Trichloroethene	7.21	130	972	0.434	ug/l	97
47) Bromodichloromethane	7.90	83	786	0.321	ug/l #	75
48) Methyl methacrylate	7.67	41	5158	2.547	ug/l #	10
49) 1,4-Dioxane	7.76	88	48	0.847	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	51366	19.064	ug/l #	48
52) Toluene	8.79	92	1958	0.394	ug/l	83
54) cis-1,3-Dichloropropene	8.62	75	26694	9.113	ug/l #	62
55) 1,1,2-Trichloroethane	9.16	97	534	0.261	ug/l #	22
57) 1,3-Dichloropropane	9.54	76	6187	1.907	ug/l #	46
59) 2-Hexanone	9.54	43	81239	38.873	ug/l #	52
60) Dibromochloromethane	9.58	129	129	2.580	ug/l	72
64) Tetrachloroethene	9.34	164	495	0.214	ug/l #	66
67) Ethyl Benzene	10.25	91	14602	1.422	ug/l	100
68) m/p-Xylenes	10.35	106	27603	7.005	ug/l	96
69) o-Xylene	10.69	106	10545	2.742	ug/l	98
70) Styrene	10.71	104	1543	0.241	ug/l #	1
73) Isopropylbenzene	11.02	105	2326	0.246	ug/l	93
76) 1,2,3-Trichloropropane	11.13	75	66592	26.371	ug/l #	35

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011175.D
 Acq On : 30 Jul 2019 03:53
 Operator : JC/SP
 Sample : K4024-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-8

Quant Time: Jul 30 05:15:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

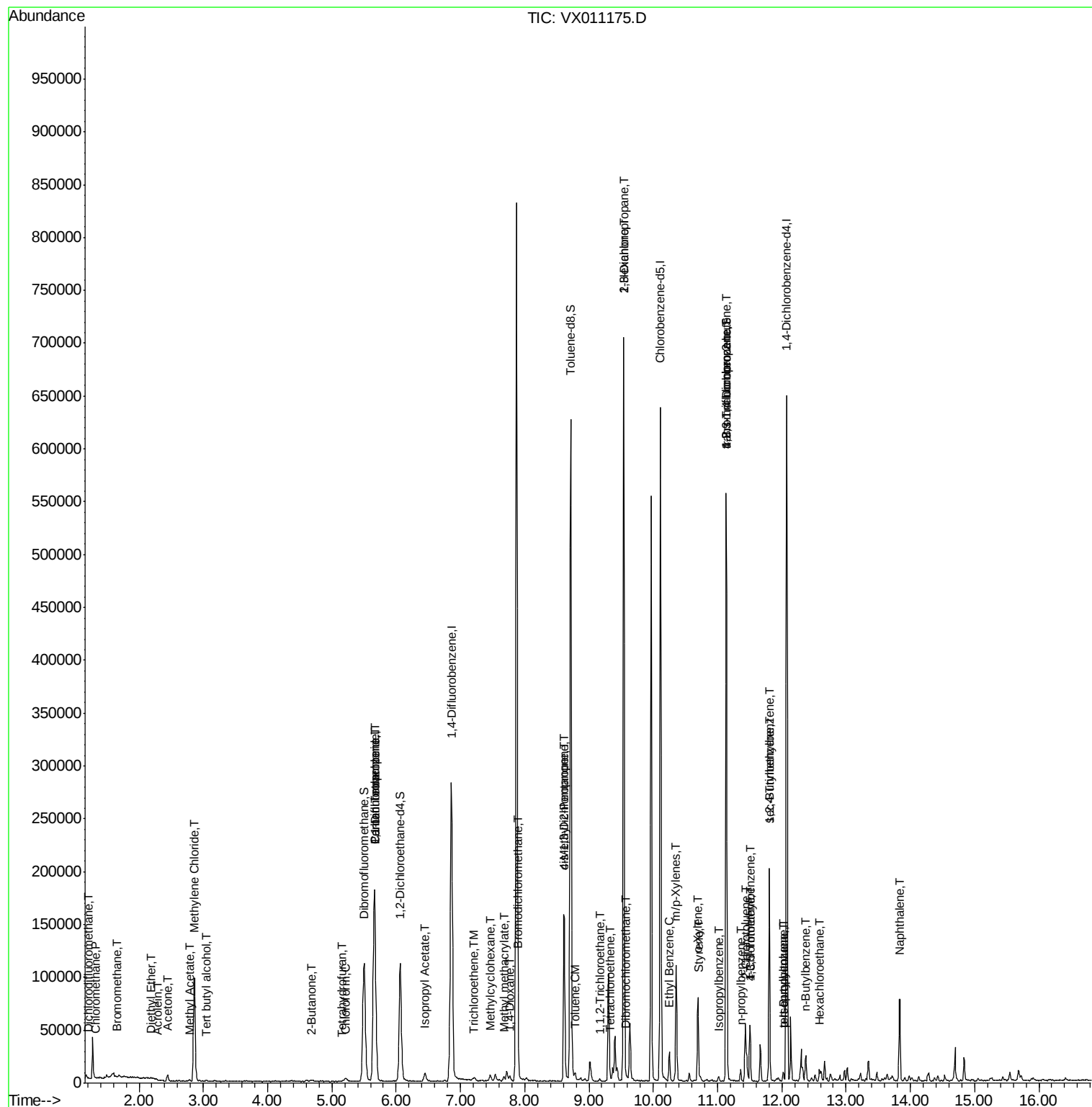
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.36	91	6053	0.579	ug/l	99
79) 2-Chlorotoluene	11.43	91	5087	0.811	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	22901	2.899	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	66592	65.474	ug/l #	11
82) 4-Chlorotoluene	11.51	91	2784	0.381	ug/l #	45
83) tert-Butylbenzene	12.02	119	2400	0.309	ug/l	69
84) 1,2,4-Trimethylbenzene	11.80	105	85130	10.690	ug/l	98
85) sec-Butylbenzene	11.80	105	85130	9.362	ug/l #	55
86) p-Isopropyltoluene	12.02	119	2400	0.285	ug/l	83
89) n-Butylbenzene	12.37	91	2745	0.382	ug/l #	9
90) Hexachloroethane	12.58	117	656	0.495	ug/l #	6
95) Naphthalene	13.83	128	50293	5.602	ug/l	99

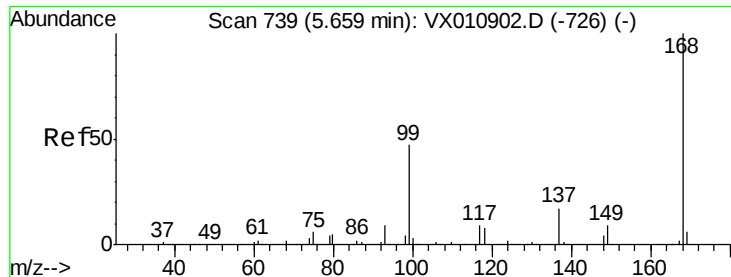
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072919\
Data File : VX011175.D
Acq On : 30 Jul 2019 03:53
Operator : JC/SP
Sample : K4024-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-8

Quant Time: Jul 30 05:15:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampleId :

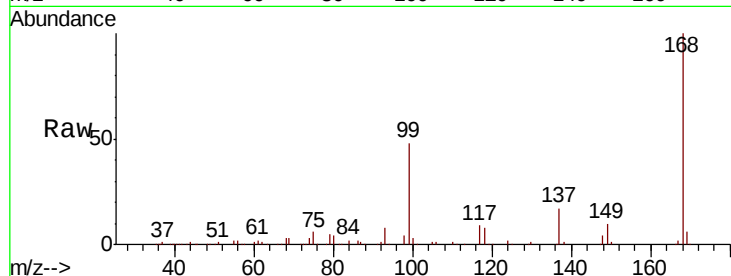
TP-8

Tot Ion:168 Resp: 185382

Ion Ratio Lower Upper

168 100

99 48.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

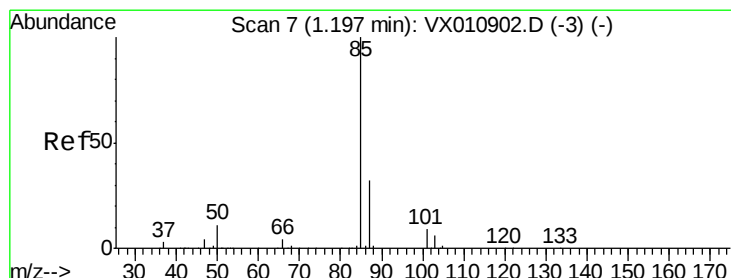
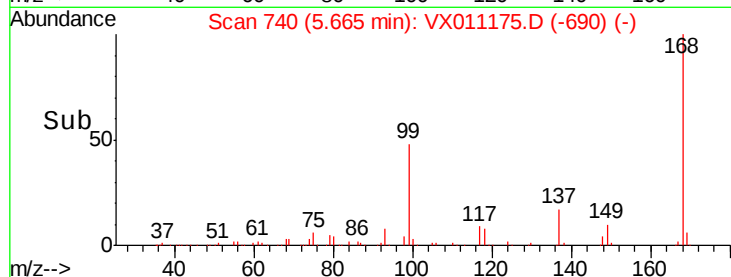
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.578 ug/l

RT: 1.21 min Scan# 9

Delta R.T. 0.01 min

Lab File: VX011175.D

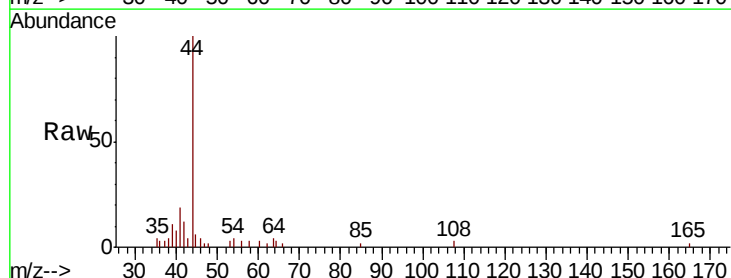
Acq: 30 Jul 2019 03:53

Tgt Ion: 85 Resp: 63

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.21

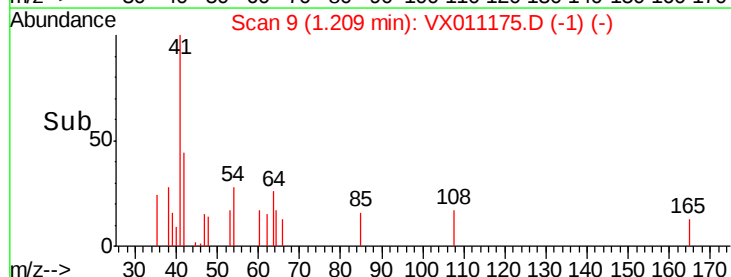
60

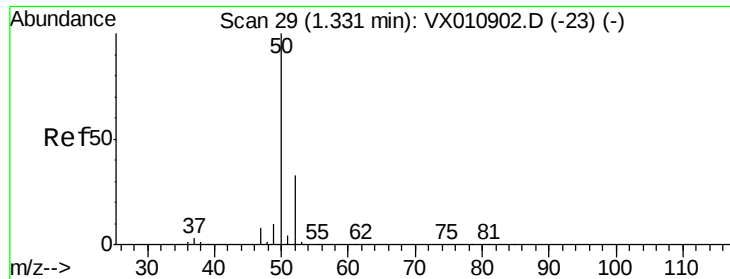
40

20

0

Time--> 1.18 1.20 1.22 1.24





#3

Chloromethane

Concen: 0.209 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampled :

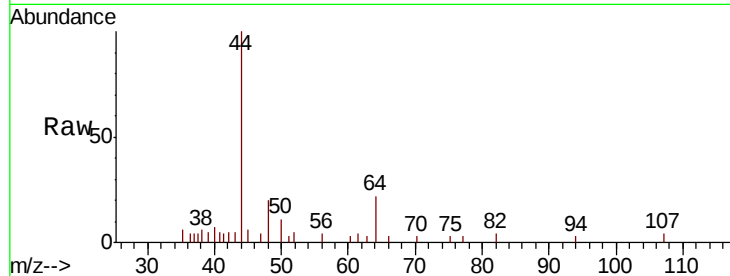
TP-8

Tot Ion: 50 Resp: 357

Ion Ratio Lower Upper

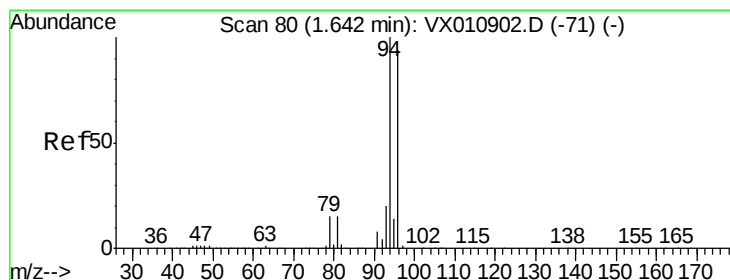
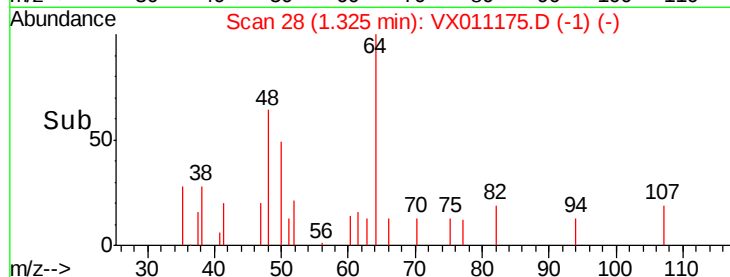
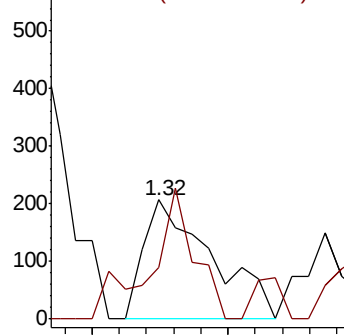
50 100

52 18.4 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.448 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX011175.D

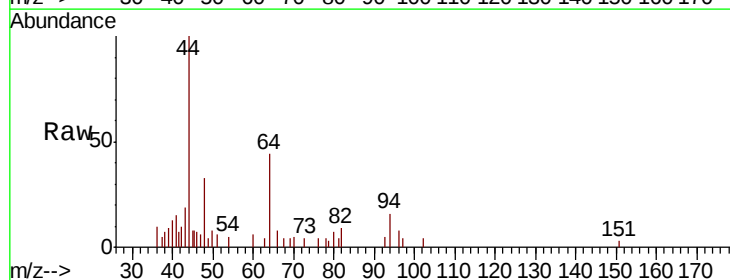
Acq: 30 Jul 2019 03:53

Tgt Ion: 94 Resp: 439

Ion Ratio Lower Upper

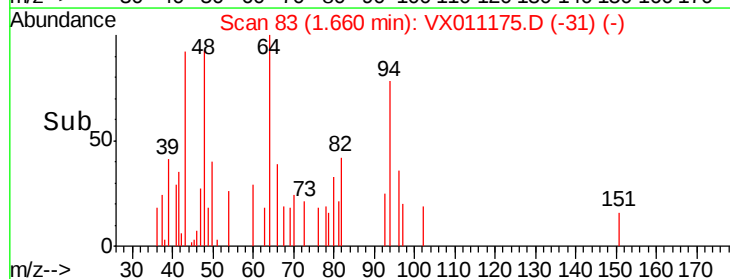
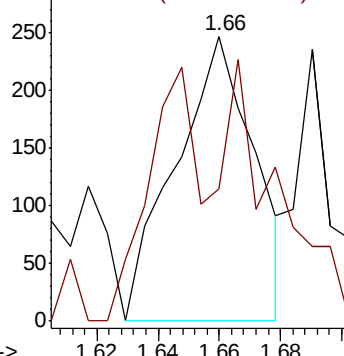
94 100

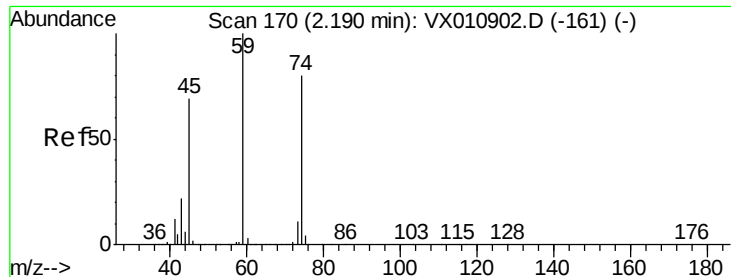
96 24.7 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#8

Diethyl Ether

Concen: 0.242 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampled :

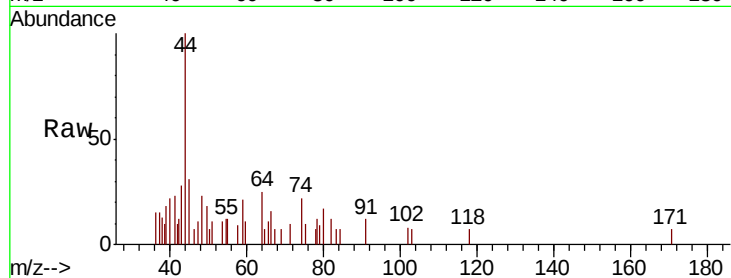
TP-8

Tot Ion: 74 Resp: 245

Ion Ratio Lower Upper

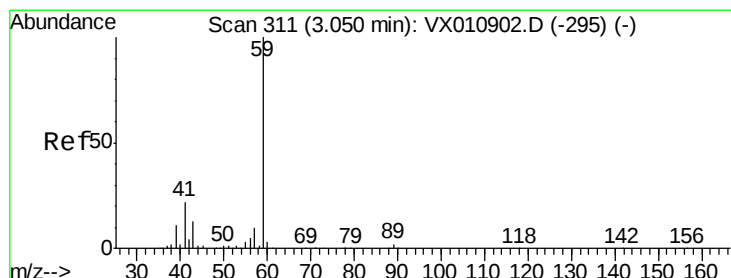
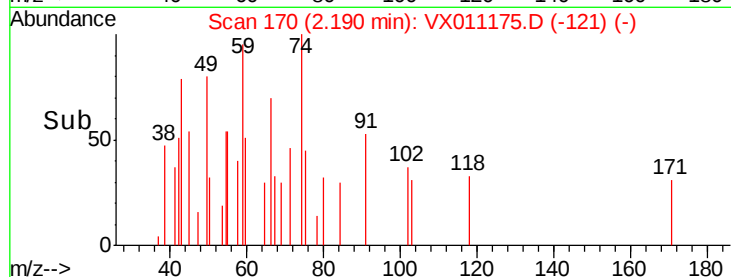
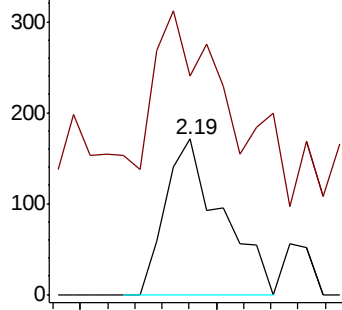
74 100

45 163.7 45.5 136.5#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#11

Tert butyl alcohol

Concen: 1.298 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX011175.D

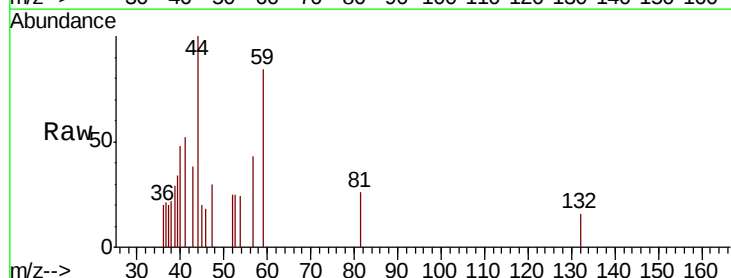
Acq: 30 Jul 2019 03:53

Tgt Ion: 59 Resp: 596

Ion Ratio Lower Upper

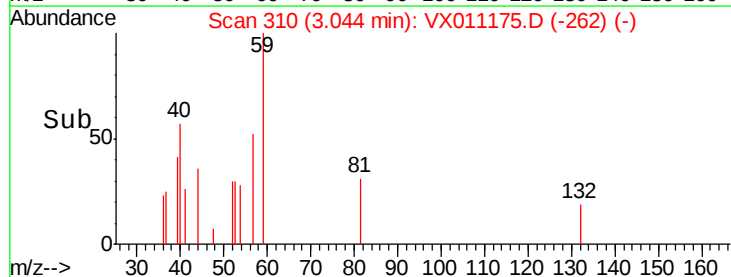
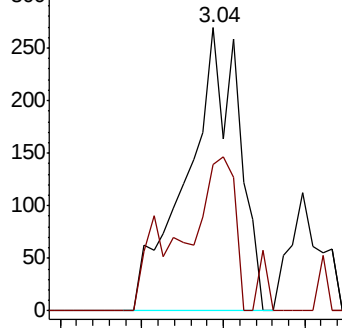
59 100

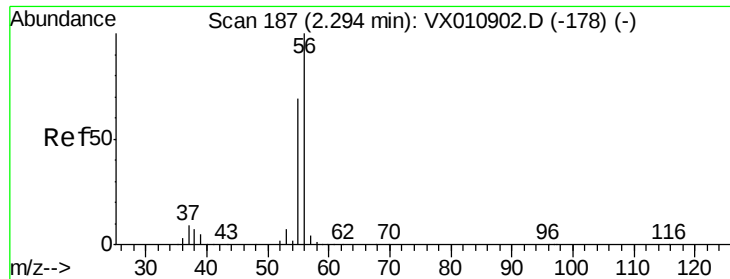
57 30.7 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

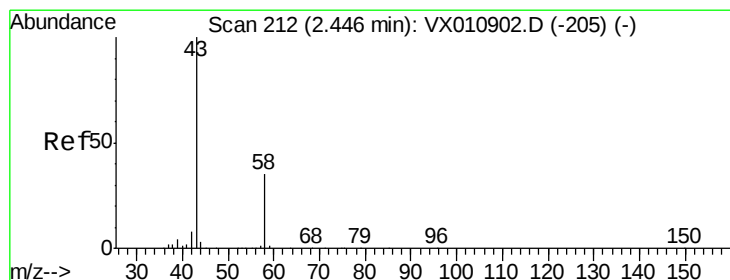
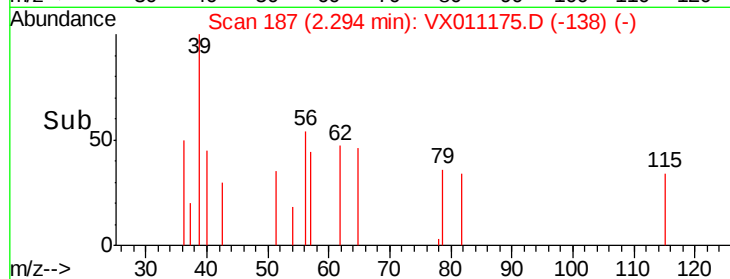
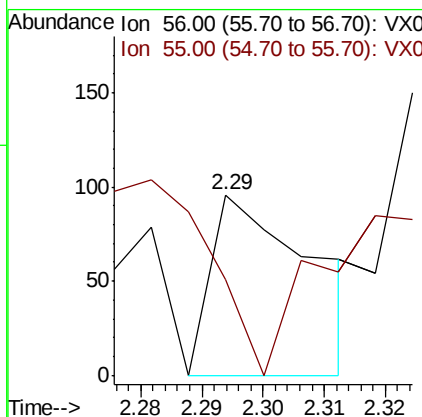
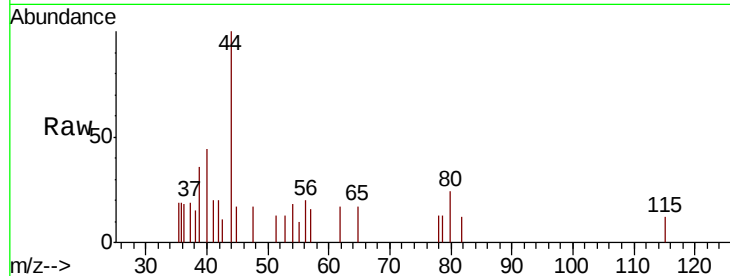




#13
Acrolein
Concen: 0.411 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

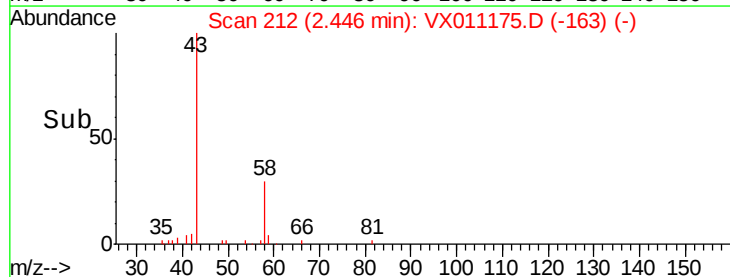
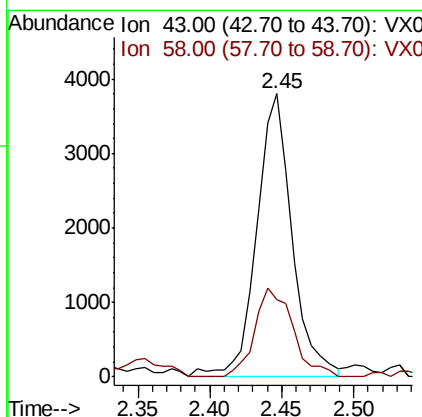
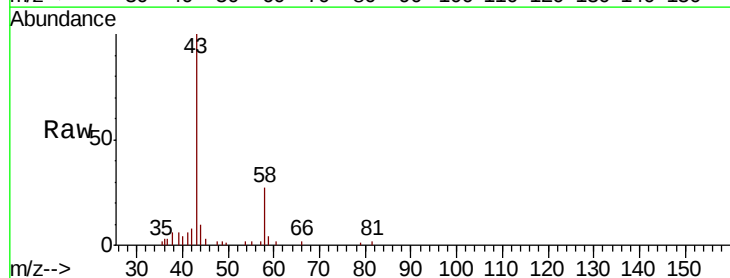
Instrument :
MSVOA_X
ClientSampled :
TP-8

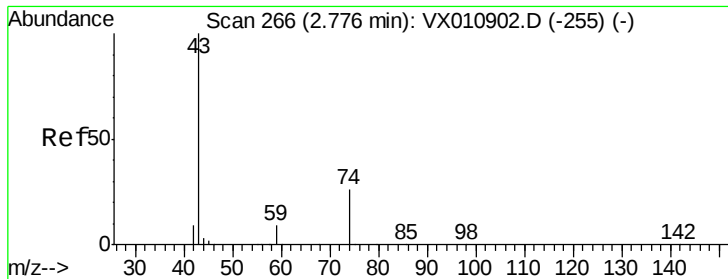
Tot Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 0.0 55.9 83.9#



#16
Acetone
Concen: 7.234 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

Tgt Ion: 43 Resp: 6444
Ion Ratio Lower Upper
43 100
58 27.1 27.7 41.5#

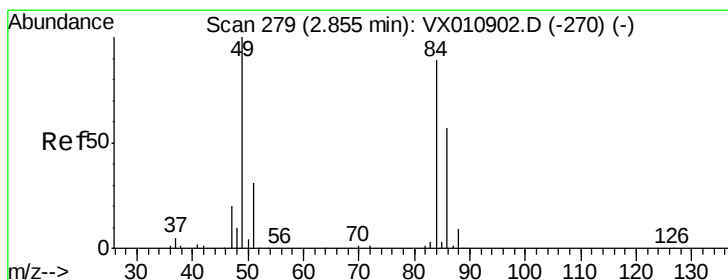
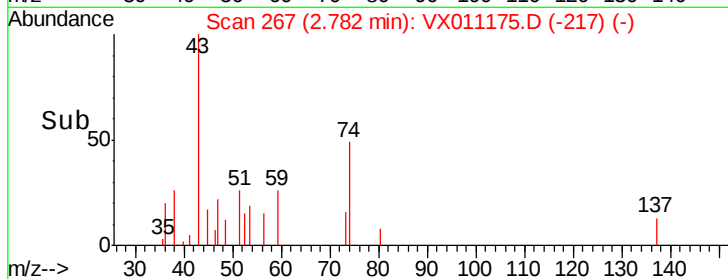
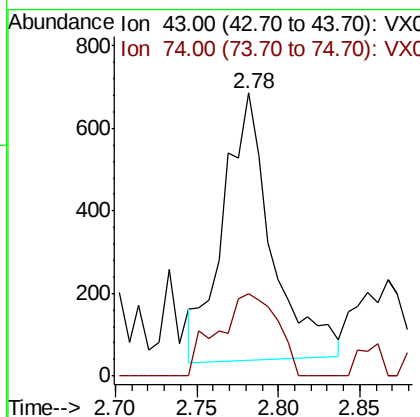
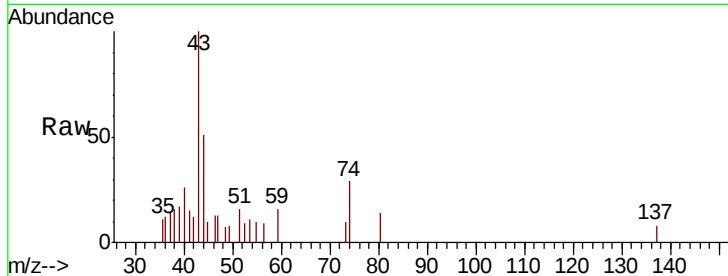




#18
Methvl Acetate
Concen: 0.662 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

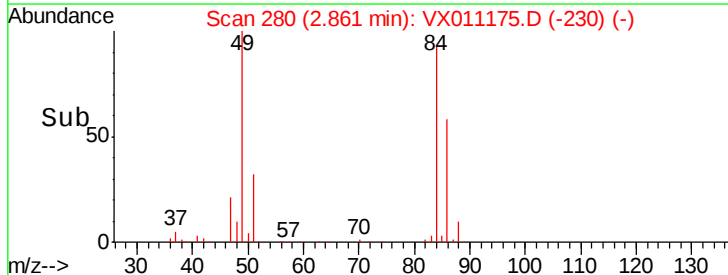
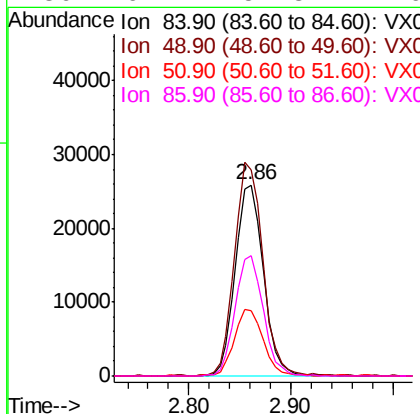
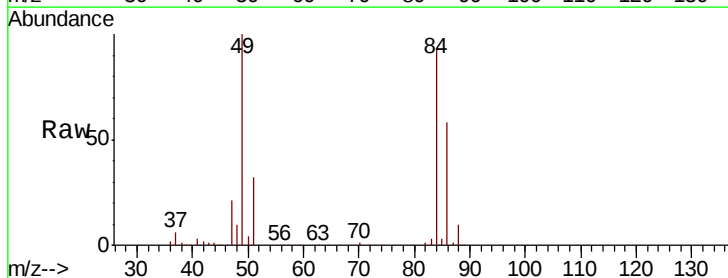
Instrument :
MSVOA_X
ClientSampled :
TP-8

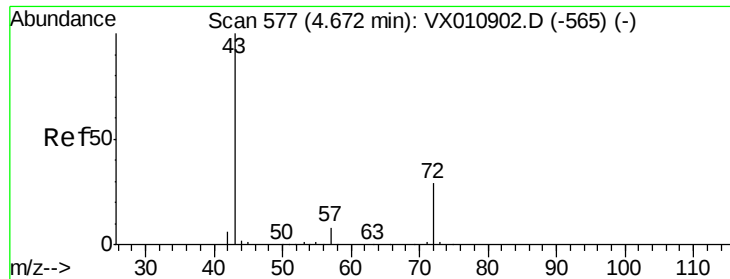
Tot Ion: 43 Resp: 1342
Ion Ratio Lower Upper
43 100
74 37.4 21.5 32.3#



#20
Methylene Chloride
Concen: 26.219 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

Tgt Ion: 84 Resp: 49492
Ion Ratio Lower Upper
84 100
49 107.5 89.9 134.9
51 33.8 27.8 41.6
86 62.7 51.8 77.6





#25

2-Butanone

Concen: 2.330 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

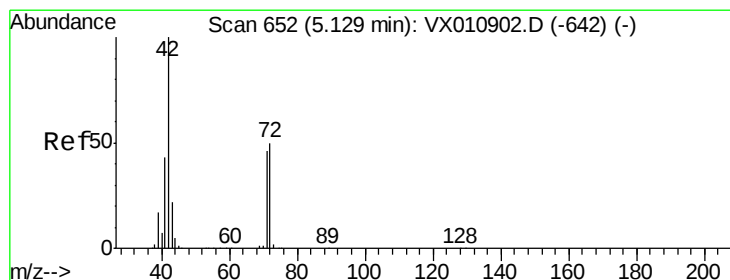
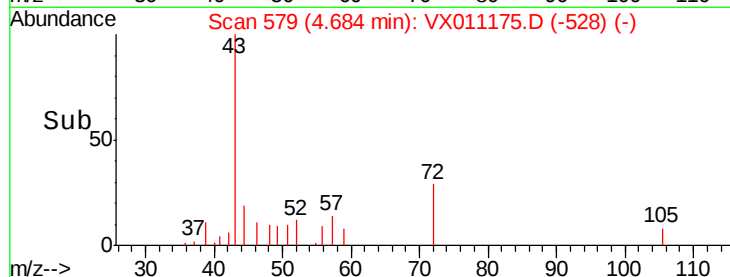
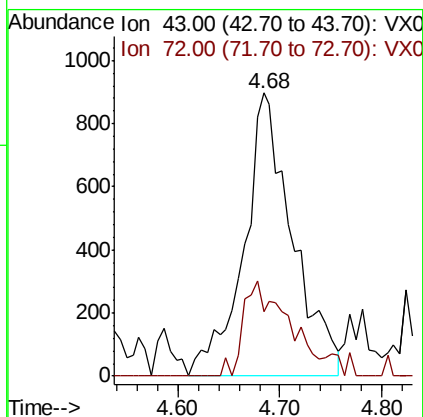
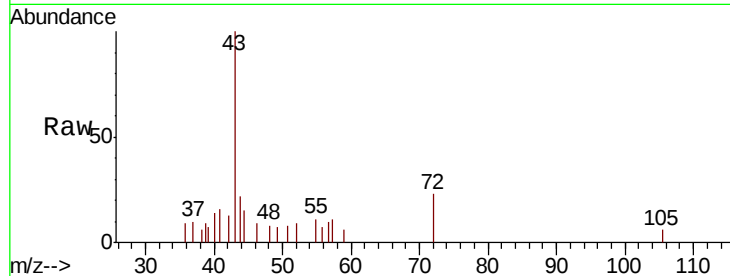
Instrument :
MSVOA_X
ClientSampled :
TP-8

Tot Ion: 43 Resp: 2979

Ion Ratio Lower Upper

43 100

72 22.7 23.0 34.6#



#29

Tetrahydrofuran

Concen: 0.536 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

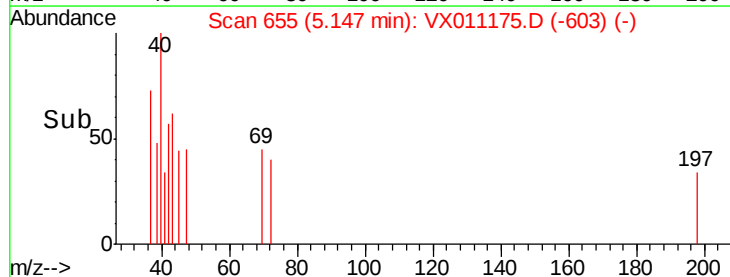
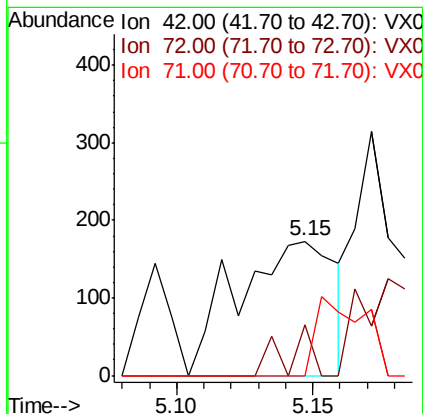
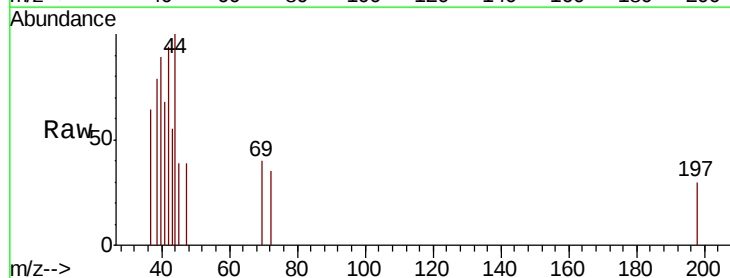
Tgt Ion: 42 Resp: 434

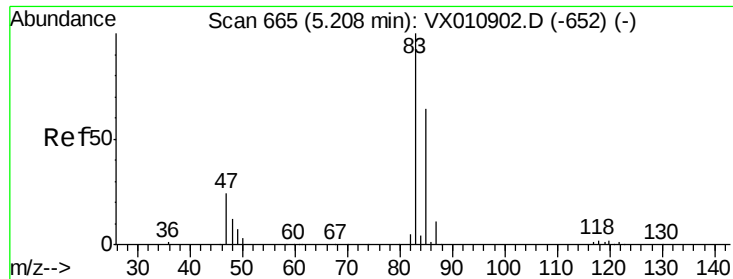
Ion Ratio Lower Upper

42 100

72 4.4 39.8 59.8#

71 28.3 37.0 55.4#

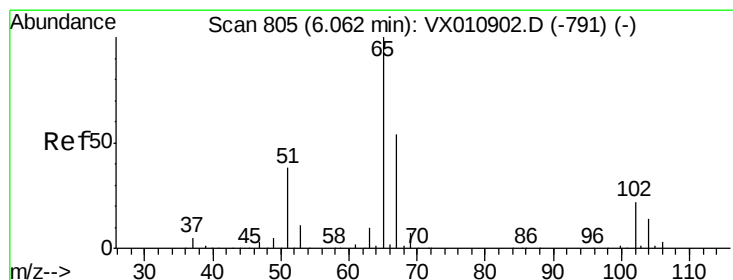
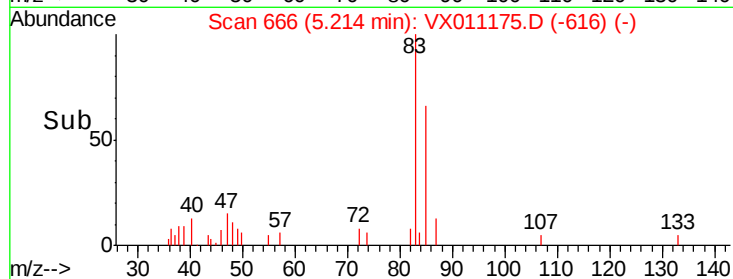
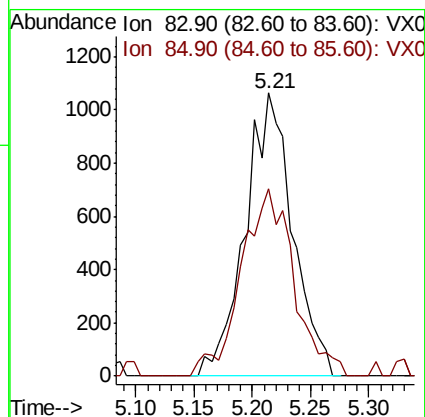
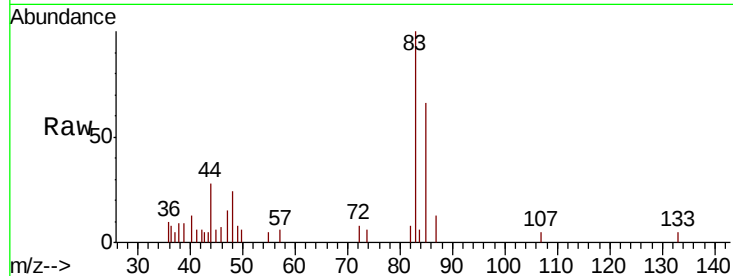




#30
Chloroform
Concen: 0.950 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

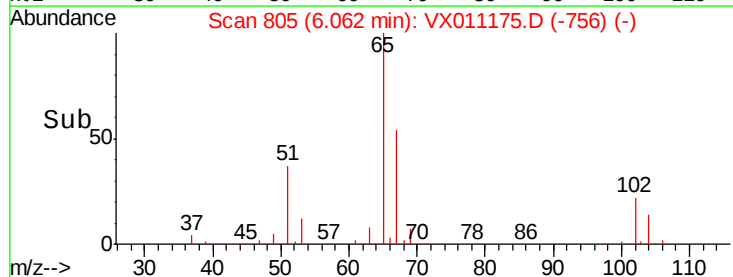
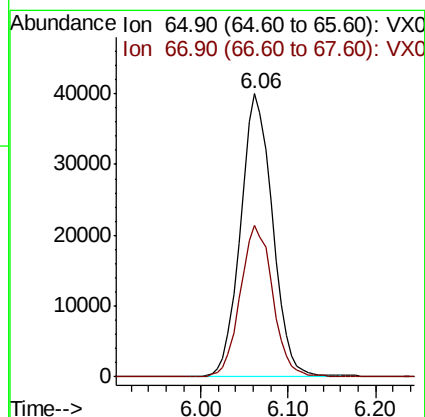
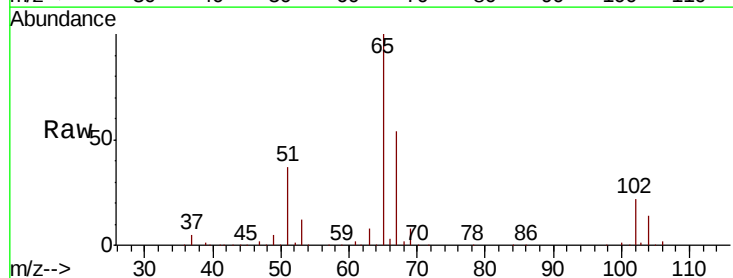
Instrument :
MSVOA_X
ClientSampleId :
TP-8

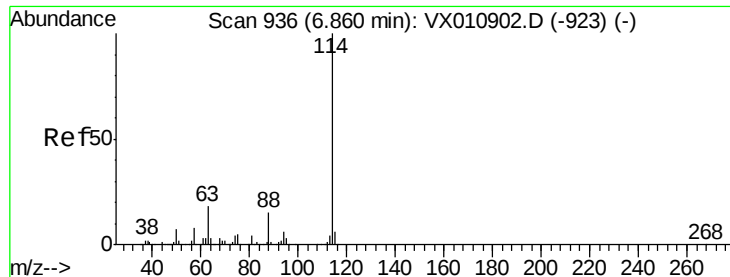
Tot Ion: 83 Resp: 3018
Ion Ratio Lower Upper
83 100
85 66.1 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 51.782 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

Tgt Ion: 65 Resp: 102123
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampleId :

TP-8

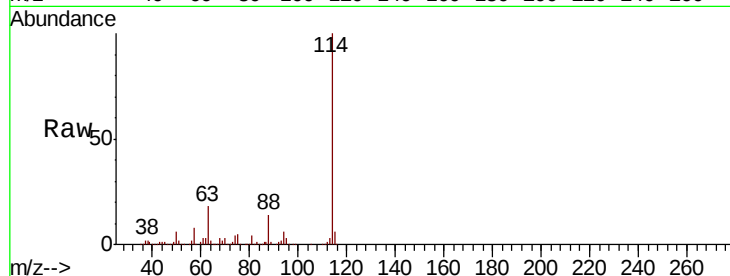
Tot Ion:114 Resp: 300541

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

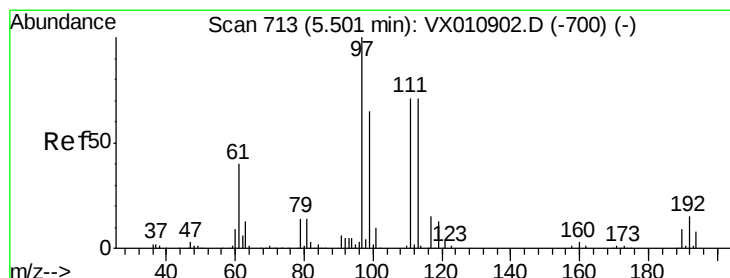
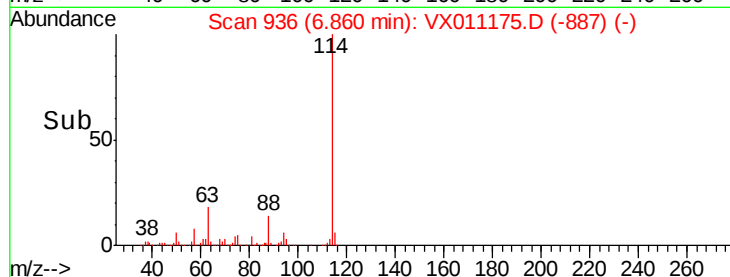
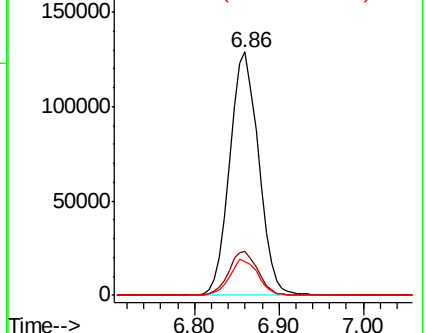
88 13.8 0.0 29.8



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: 49.259 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

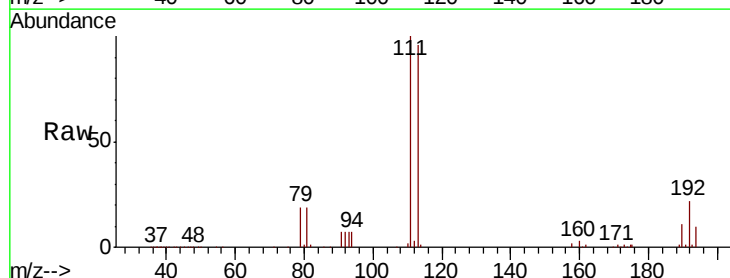
Tgt Ion:113 Resp: 93967

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

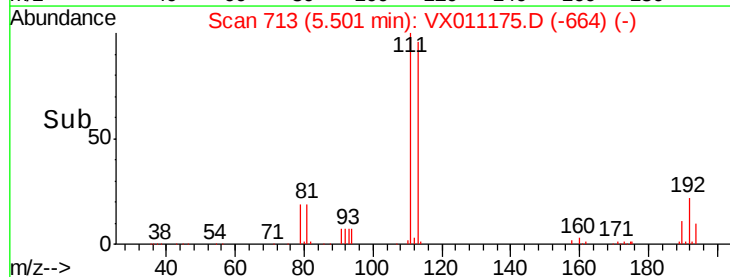
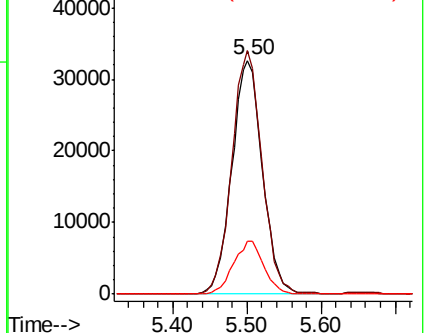
192 22.4 17.4 26.2

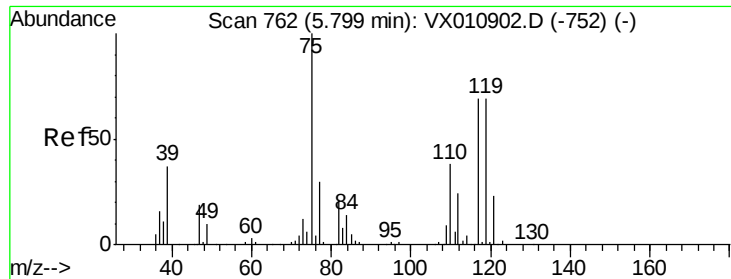


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.944 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampled :

TP-8

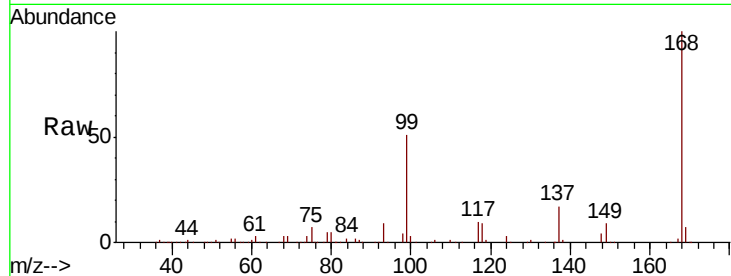
Tot Ion: 75 Resp: 12204

Ion Ratio Lower Upper

75 100

110 11.9 19.9 59.7#

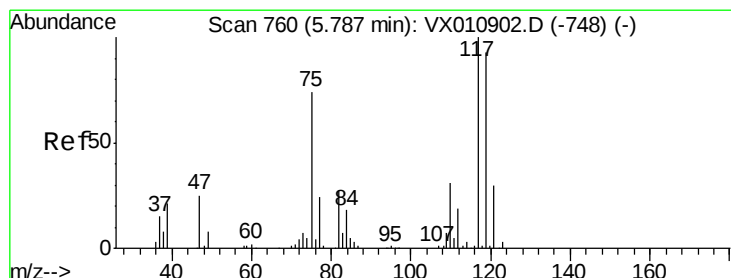
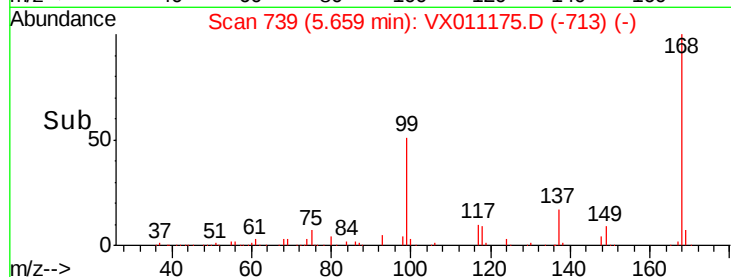
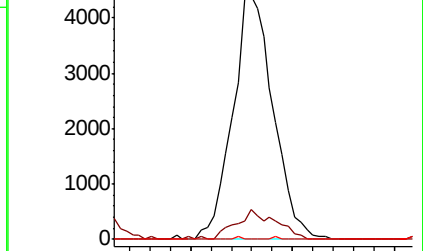
77 0.2 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX010902.D (-752) (-)

Ion 109.90 (109.60 to 110.60): VX010902.D (-752) (-)

Ion 76.90 (76.60 to 77.60): VX010902.D (-752) (-)



#38

Carbon Tetrachloride

Concen: 6.575 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

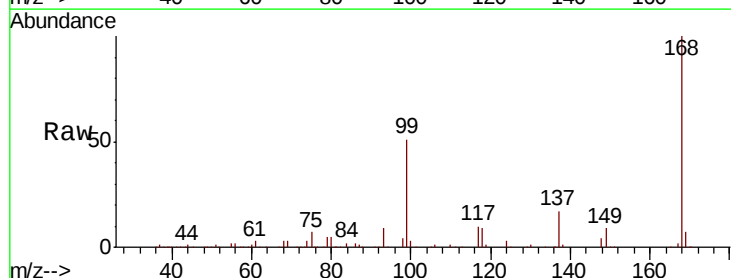
Tgt Ion: 117 Resp: 16913

Ion Ratio Lower Upper

117 100

119 5.6 74.2 111.2#

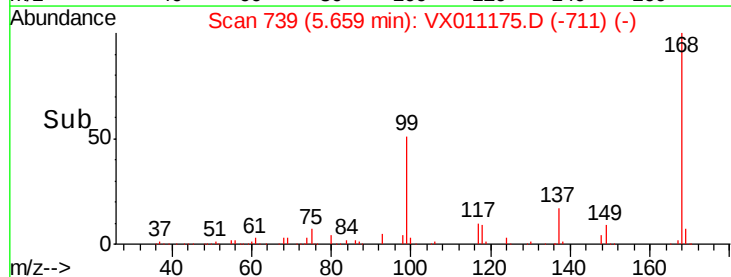
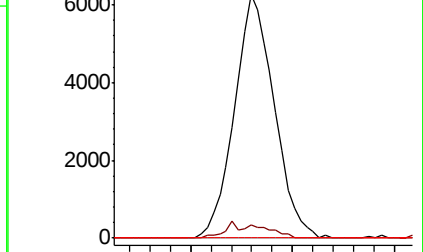
121 0.0 24.2 36.2#

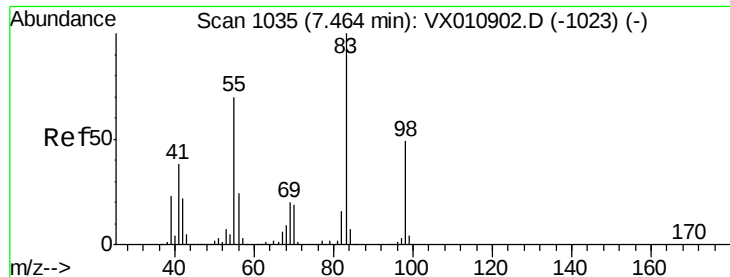


Abundance Ion 116.80 (116.50 to 117.50): VX010902.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX010902.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX010902.D (-748) (-)

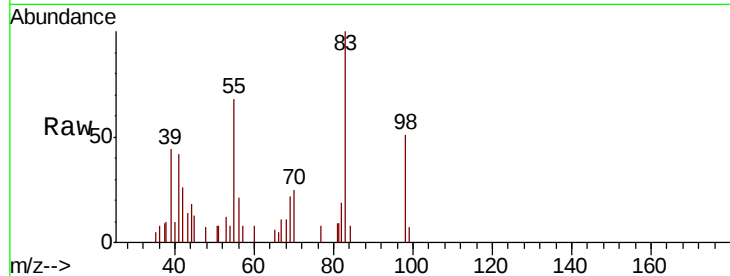




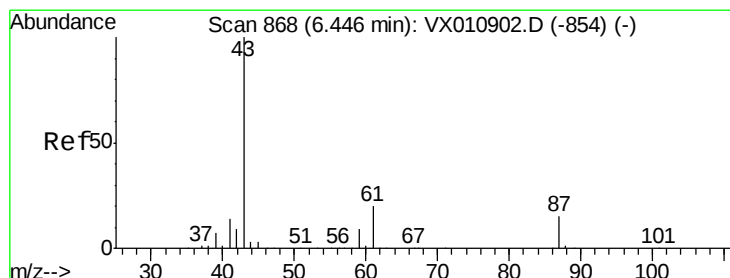
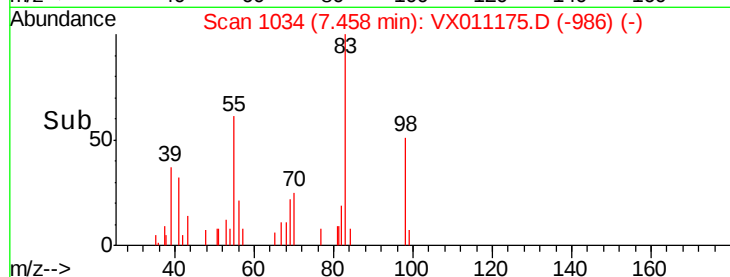
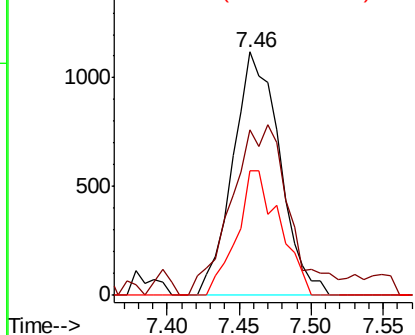
#39
Methvlcvclohexane
Concen: 0.790 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

Instrument :
MSVOA_X
ClientSampled :
TP-8

Tot Ion: 83 Resp: 2530
Ion Ratio Lower Upper
83 100
55 67.9 56.2 84.4
98 51.3 39.0 58.4

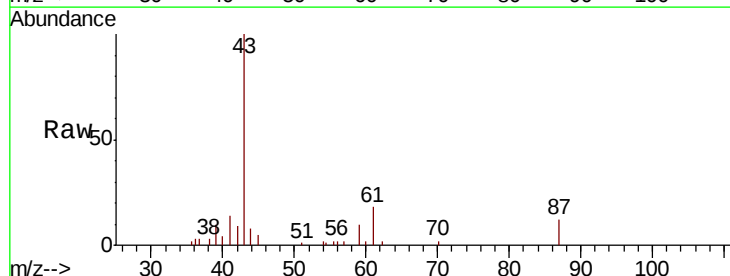


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

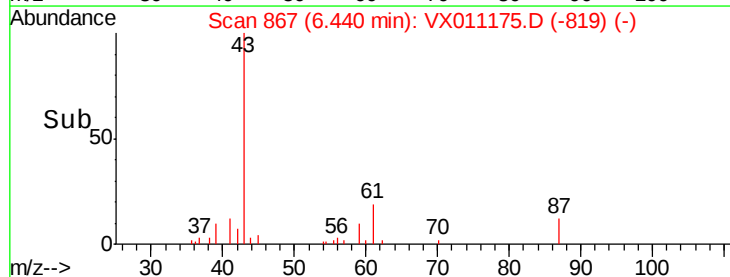
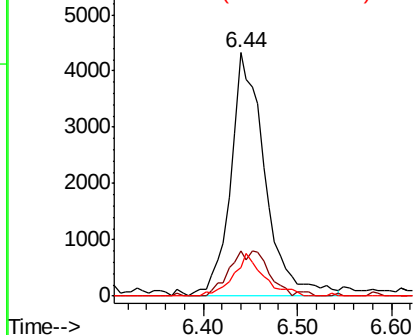


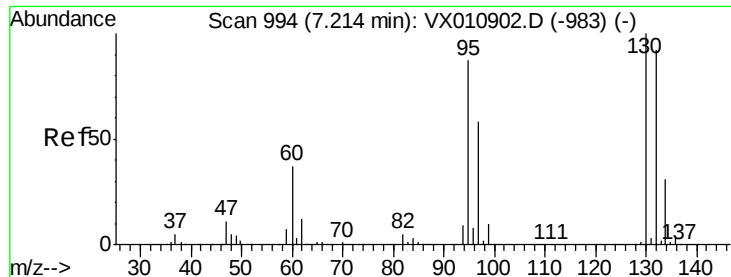
#43
Isopropyl Acetate
Concen: 2.643 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

Tgt Ion: 43 Resp: 10986
Ion Ratio Lower Upper
43 100
61 21.0 17.1 25.7
87 15.4 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 0.434 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampleId :

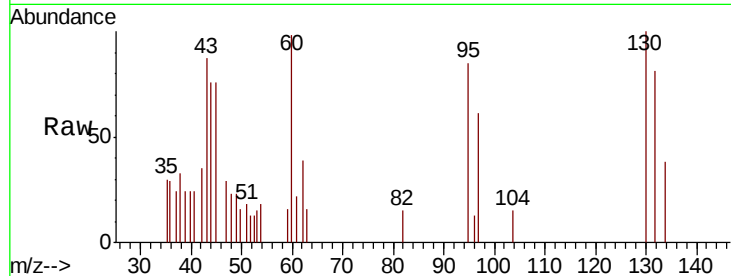
TP-8

Tot Ion:130 Resp: 972

Ion Ratio Lower Upper

130 100

95 84.9 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

400

300

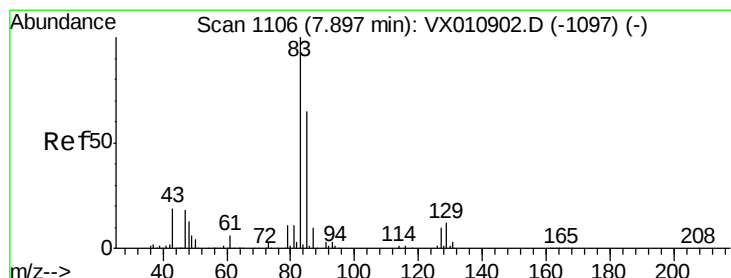
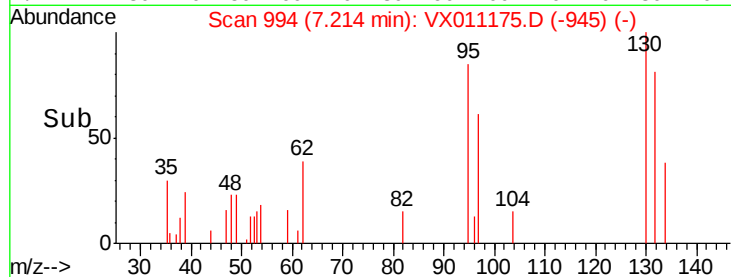
200

100

0

7.15 7.20 7.25

Time-->



#47

Bromodichloromethane

Concen: 0.321 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

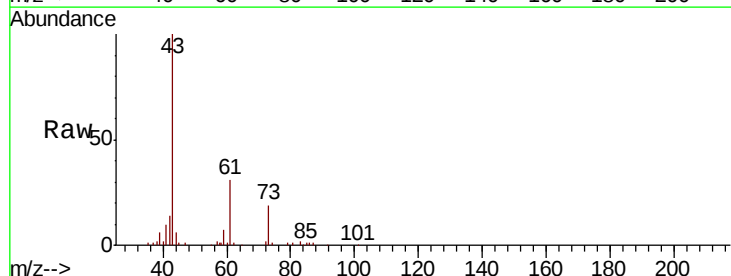
Tgt Ion: 83 Resp: 786

Ion Ratio Lower Upper

83 100

85 46.2 52.5 78.7#

127 0.0 7.8 11.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

7.90

400

300

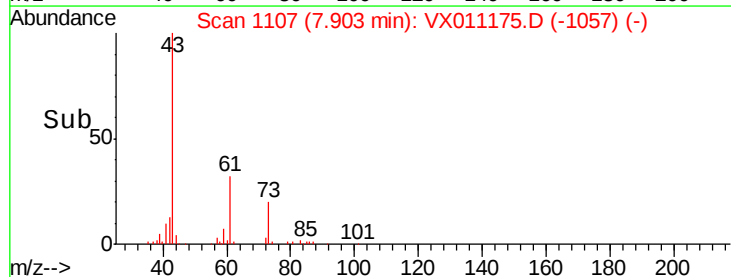
200

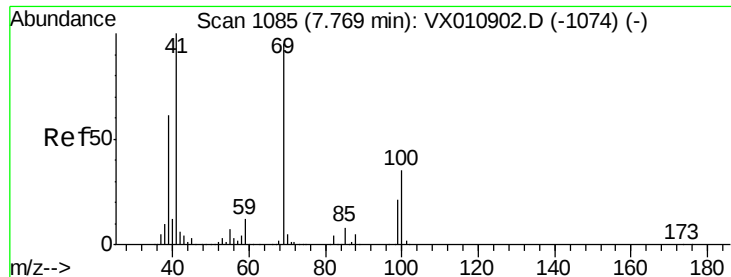
100

0

7.85 7.90 7.95

Time-->

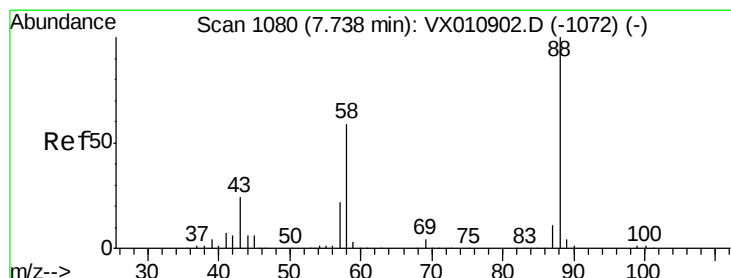
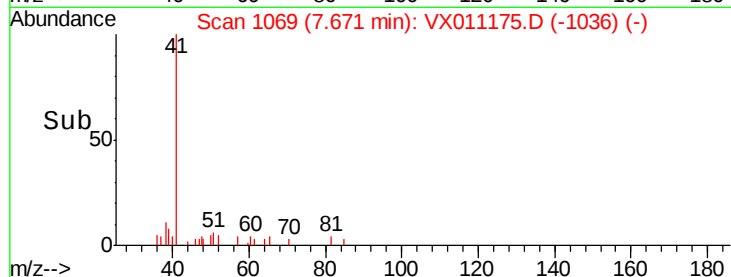
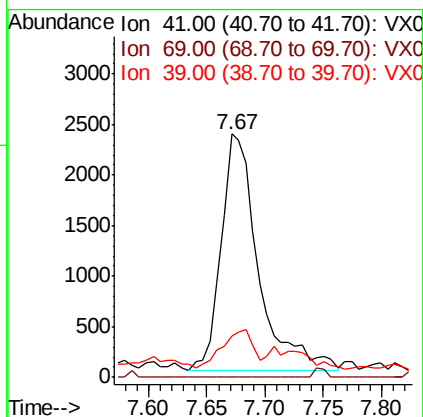
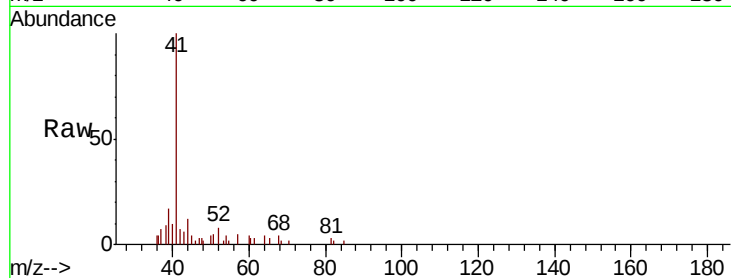




#48
Methvl methacrylate
Concen: 2.547 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.10 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

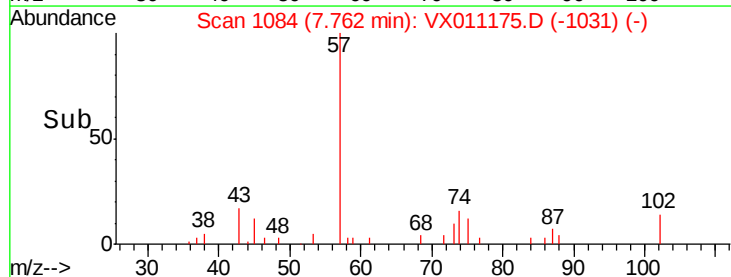
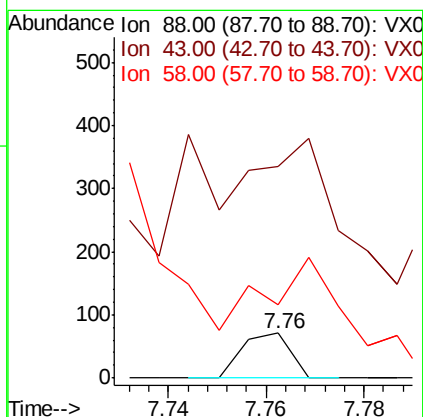
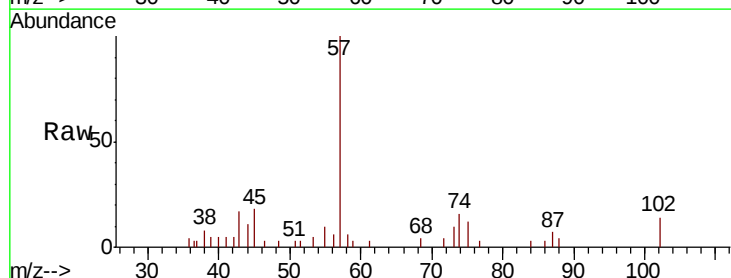
Instrument :
MSVOA_X
ClientSampleId :
TP-8

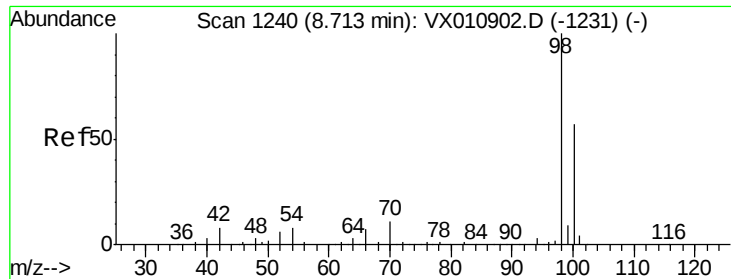
Tot Ion: 41 Resp: 5158
Ion Ratio Lower Upper
41 100
69 0.0 74.4 111.6#
39 0.0 48.9 73.3#



#49
1,4-Dioxane
Concen: 0.847 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

Tgt Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
43 0.0 22.9 34.3#
58 520.8 49.8 74.8#

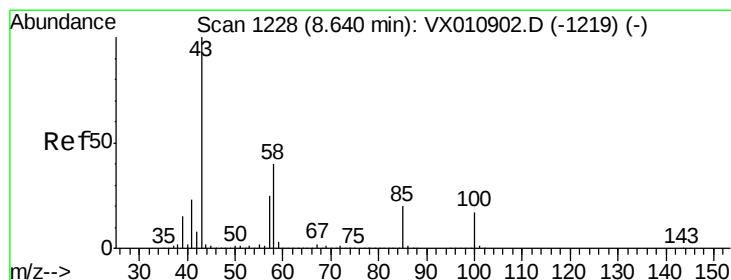
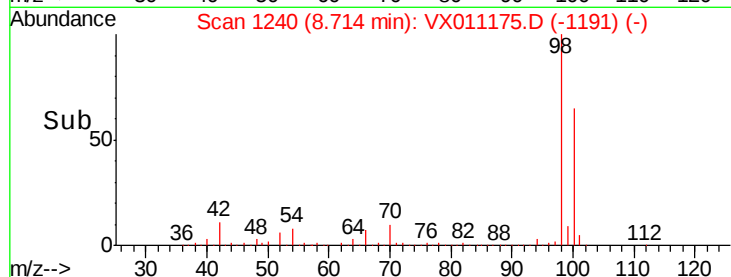
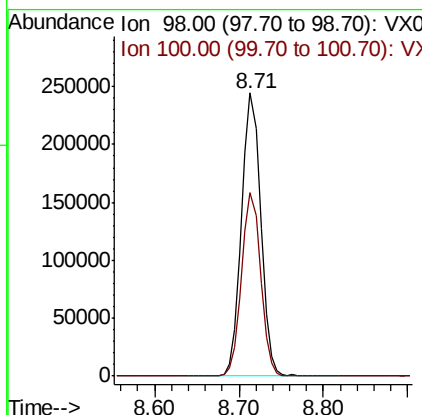
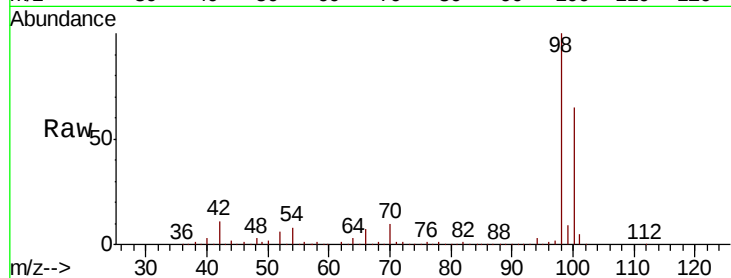




#50
Toluene-d8
Concen: 52.022 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

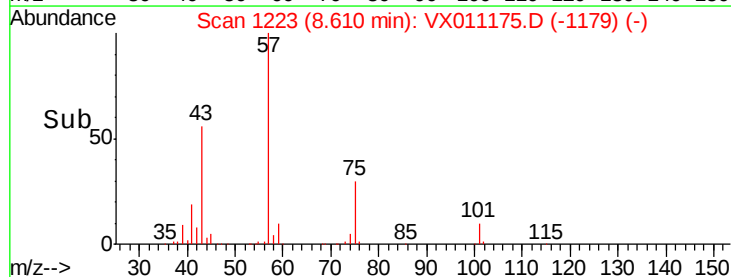
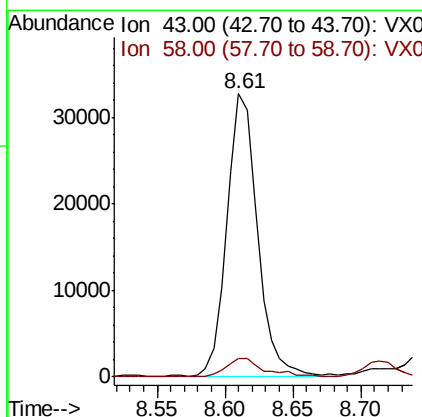
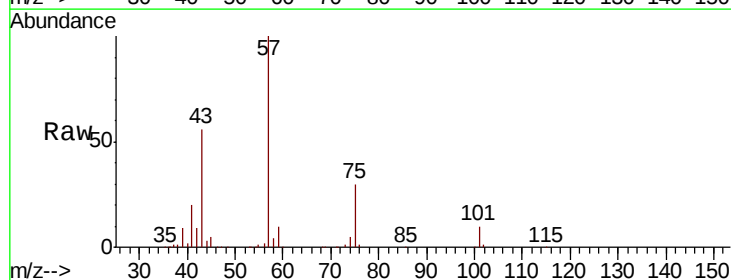
Instrument :
MSVOA_X
ClientSampled :
TP-8

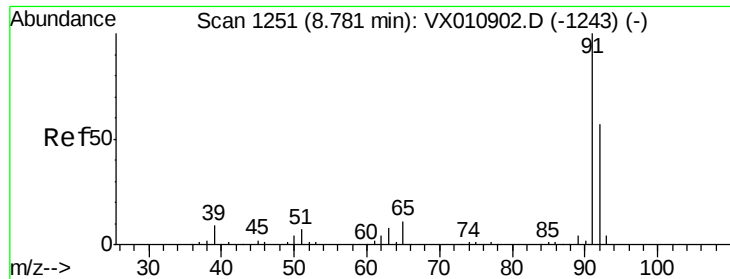
Tot Ion: 98 Resp: 372203
Ion Ratio Lower Upper
98 100
100 64.2 50.6 75.8



#51
4-Methyl-2-Pentanone
Concen: 19.064 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

Tgt Ion: 43 Resp: 51366
Ion Ratio Lower Upper
43 100
58 8.3 32.2 48.4#





#52

Toluene

Concen: 0.394 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampled :

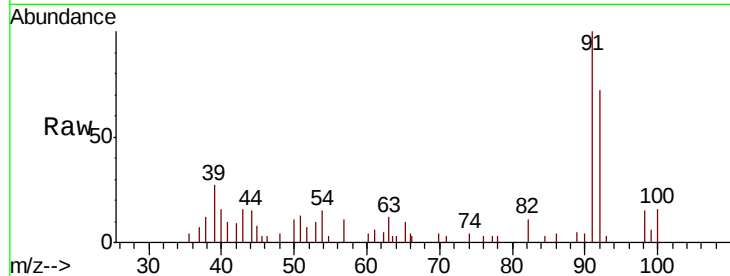
TP-8

Tot Ion: 92 Resp: 1958

Ion Ratio Lower Upper

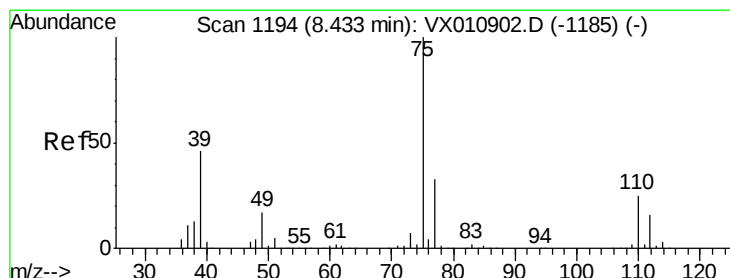
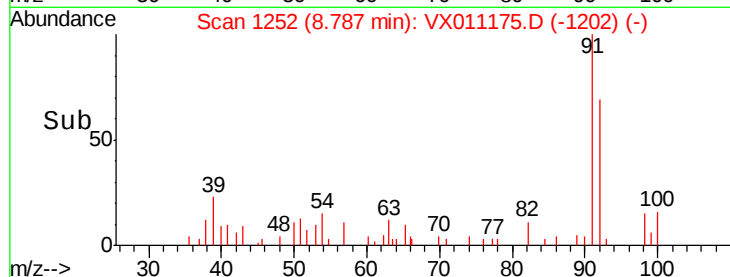
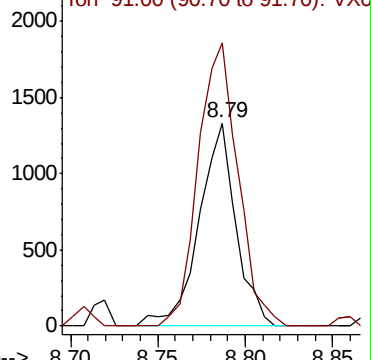
92 100

91 149.9 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 9.113 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

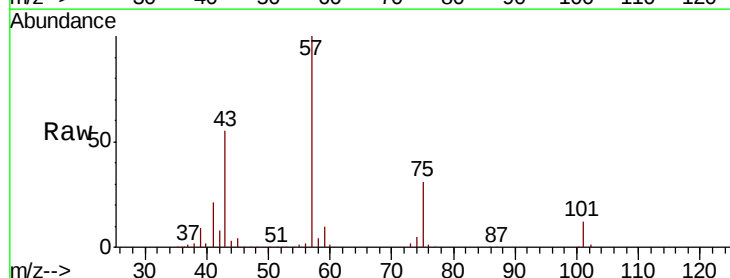
Tgt Ion: 75 Resp: 26694

Ion Ratio Lower Upper

75 100

77 0.8 26.1 39.1#

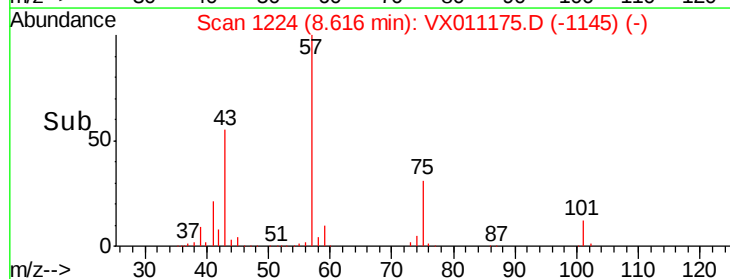
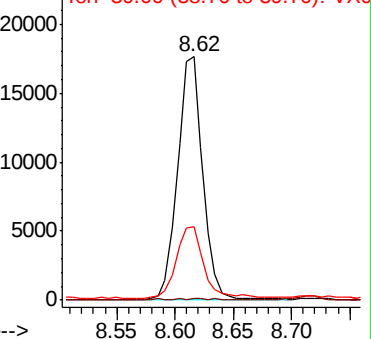
39 29.4 36.6 54.8#

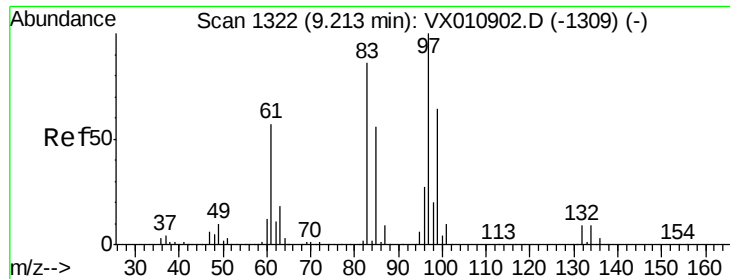


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

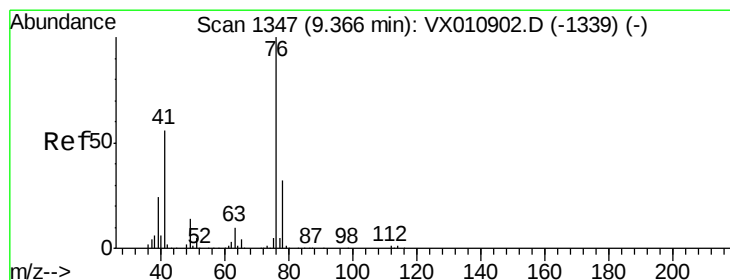
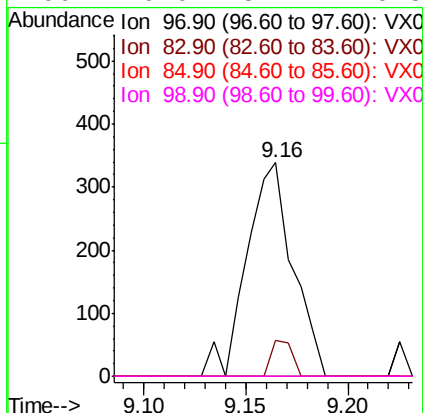
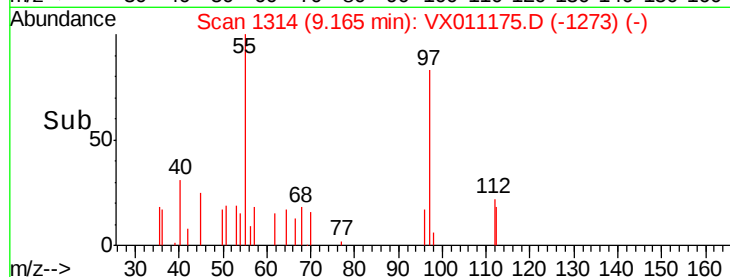
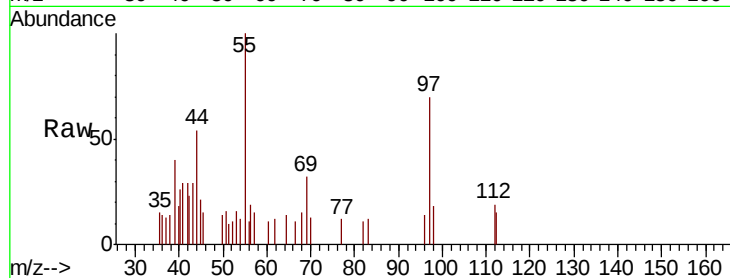




#55
 1,1,2-Trichloroethane
 Concen: 0.261 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX011175.D
 Acq: 30 Jul 2019 03:53

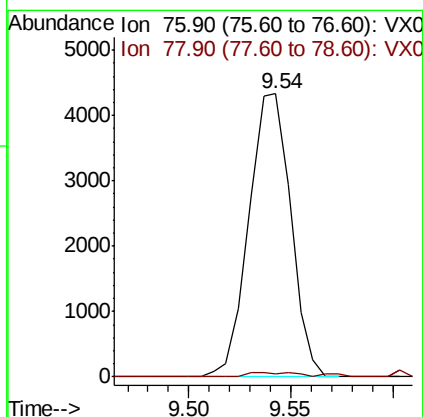
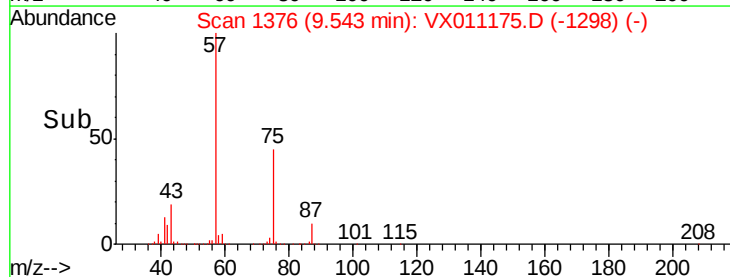
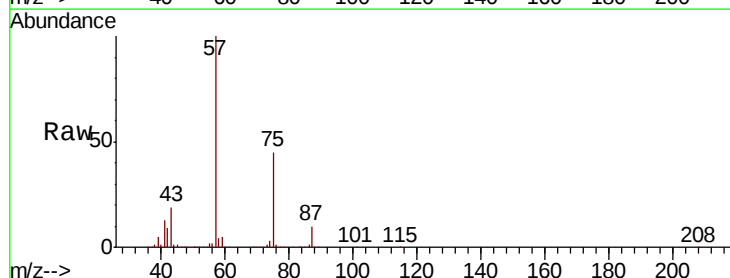
Instrument :
 MSVOA_X
 ClientSampled :
 TP-8

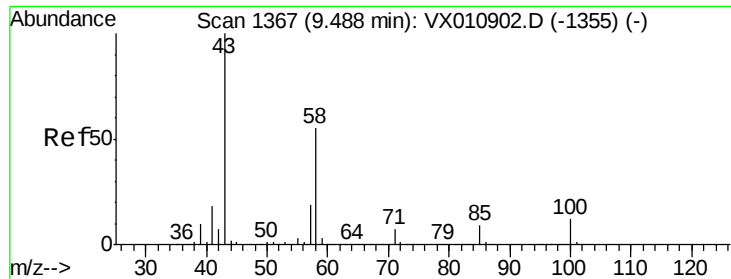
Tot Ion: 97 Resp: 534
 Ion Ratio Lower Upper
 97 100
 83 16.8 69.2 103.8#
 85 0.0 44.6 66.8#
 99 0.0 51.2 76.8#



#57
 1,3-Dichloropropane
 Concen: 1.907 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.18 min
 Lab File: VX011175.D
 Acq: 30 Jul 2019 03:53

Tgt Ion: 76 Resp: 6187
 Ion Ratio Lower Upper
 76 100
 78 1.8 25.6 38.4#

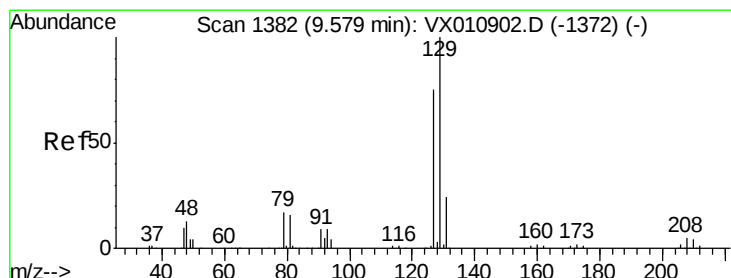
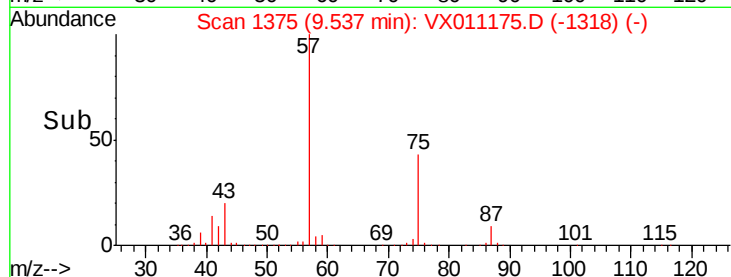
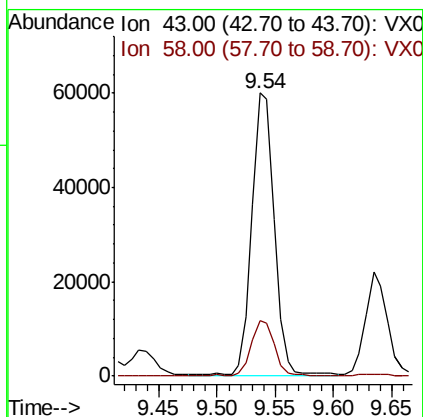
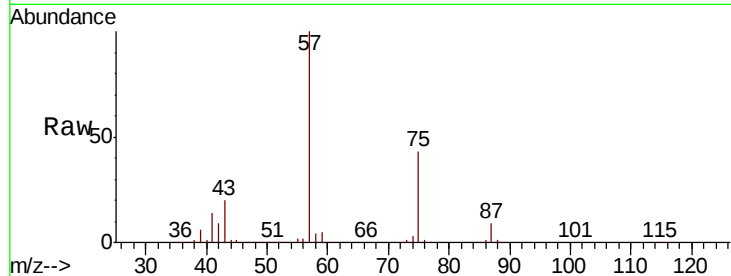




#59
2-Hexanone
Concen: 38.873 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

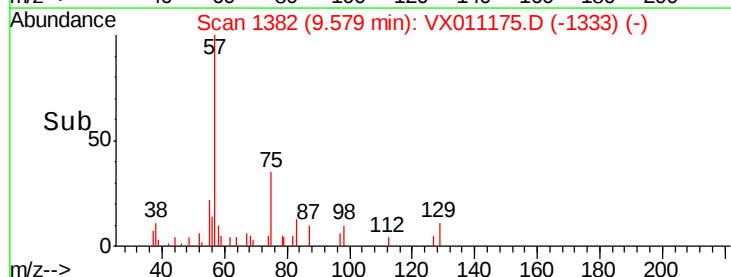
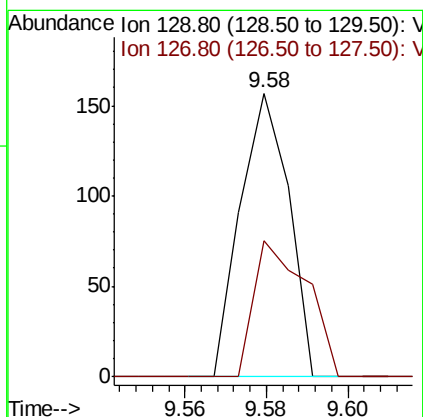
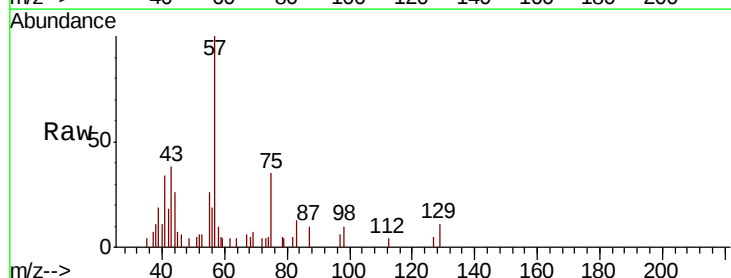
Instrument :
MSVOA_X
ClientSampleId :
TP-8

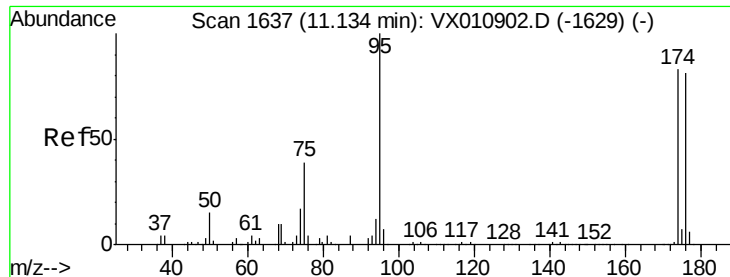
Tot Ion: 43 Resp: 81239
Ion Ratio Lower Upper
43 100
58 20.9 28.0 83.9#



#60
Dibromochloromethane
Concen: 2.580 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

Tgt Ion:129 Resp: 129
Ion Ratio Lower Upper
129 100
127 52.7 38.6 115.8





#62

4-Bromofluorobenzene

Concen: 50.758 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampled :

TP-8

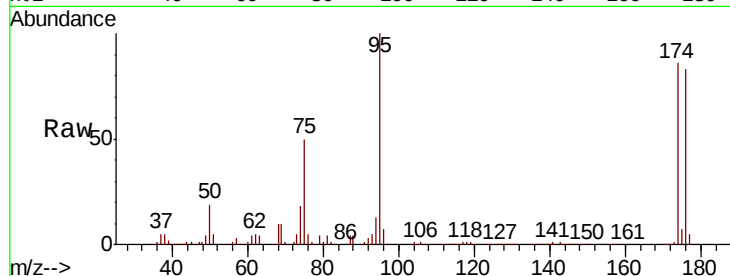
Tot Ion: 95 Resp: 133486

Ion Ratio Lower Upper

95 100

174 91.3 0.0 180.6

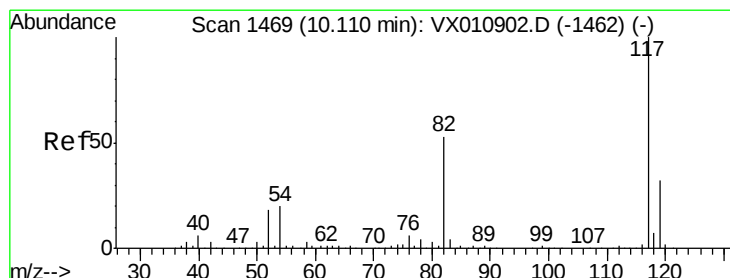
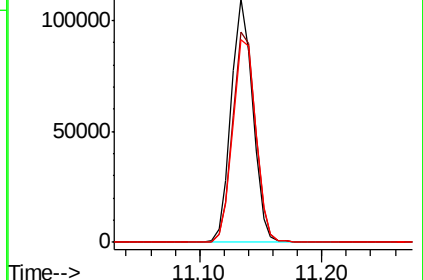
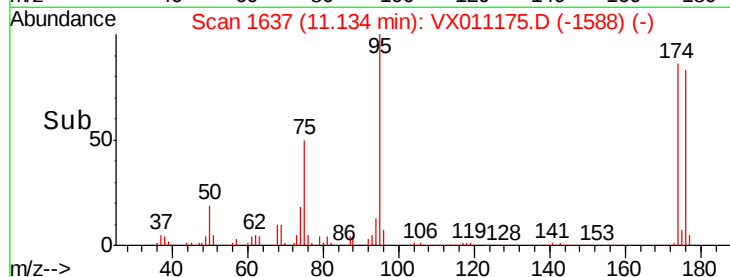
176 89.0 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011175.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011175.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011175.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

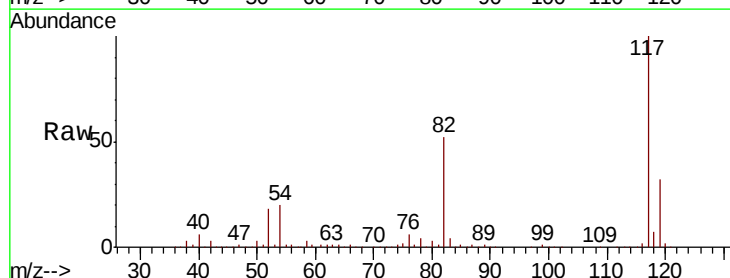
Tgt Ion: 117 Resp: 293824

Ion Ratio Lower Upper

117 100

82 52.1 42.6 63.8

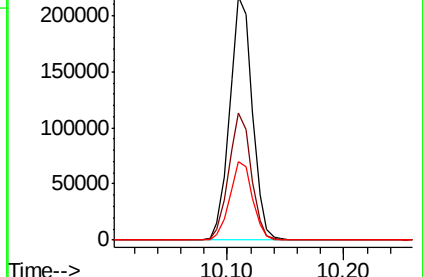
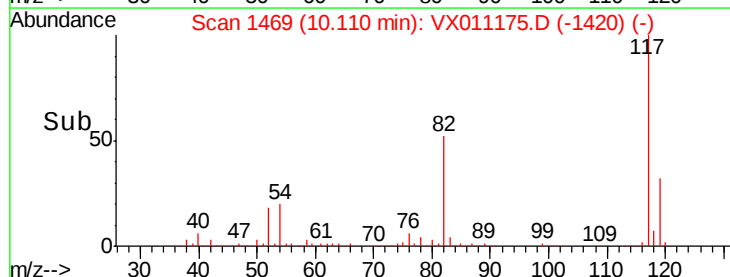
119 32.0 25.9 38.9

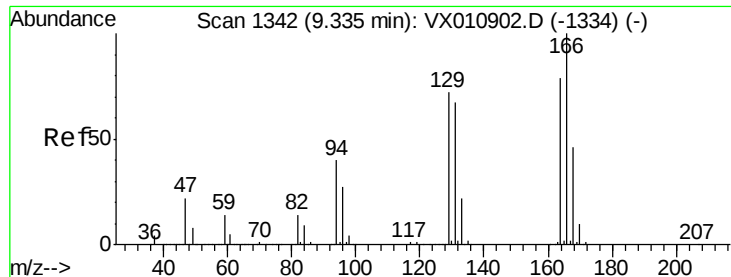


Abundance Ion 116.90 (116.60 to 117.60): VX011175.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011175.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011175.D (-1420) (-)





#64

Tetrachloroethene

Concen: 0.214 ug/l

RT: 9.34 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampled :

TP-8

Tot Ion:164 Resp: 495

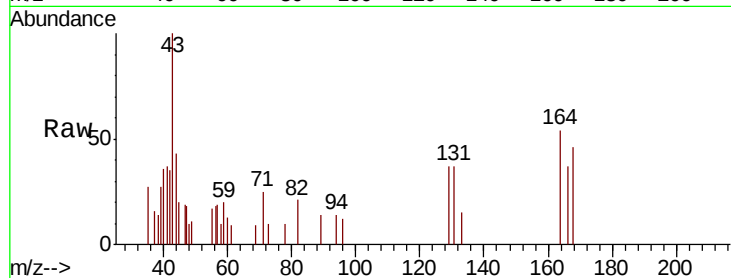
Ion Ratio Lower Upper

164 100

166 68.7 100.8 151.2#

129 67.0 72.6 109.0#

131 68.4 67.7 101.5

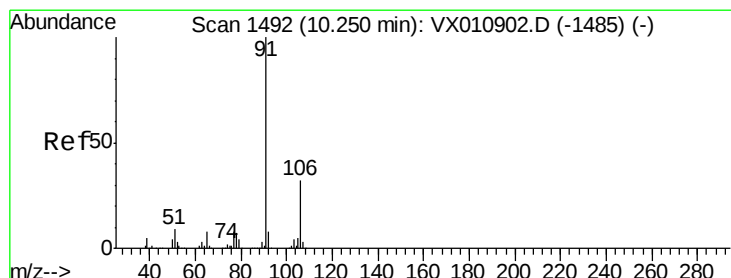
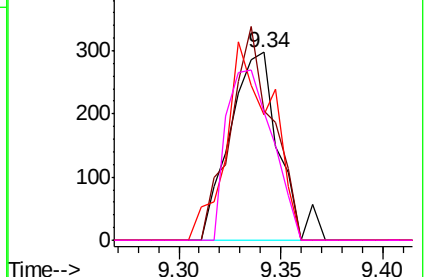
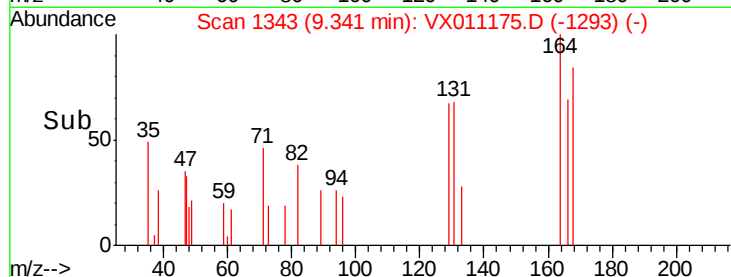


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 1.422 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011175.D

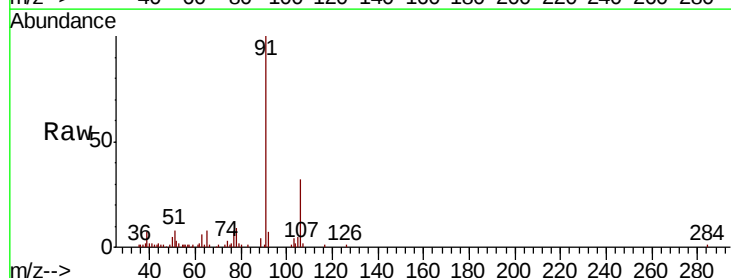
Acq: 30 Jul 2019 03:53

Tgt Ion: 91 Resp: 14602

Ion Ratio Lower Upper

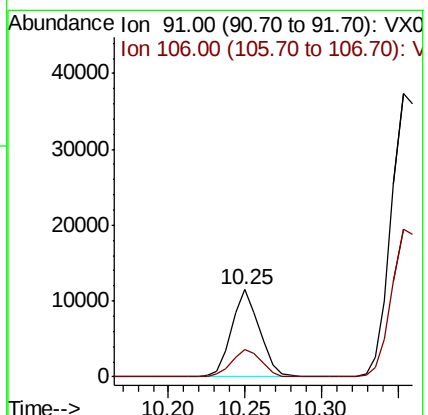
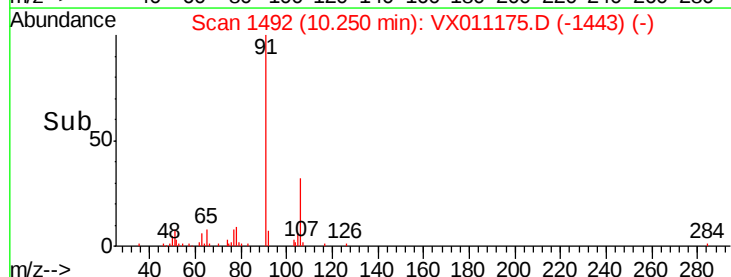
91 100

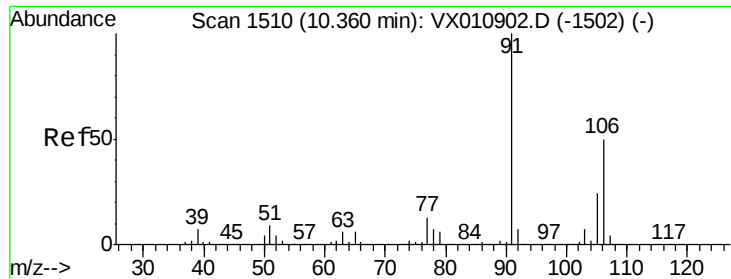
106 31.7 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 7.005 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampleId :

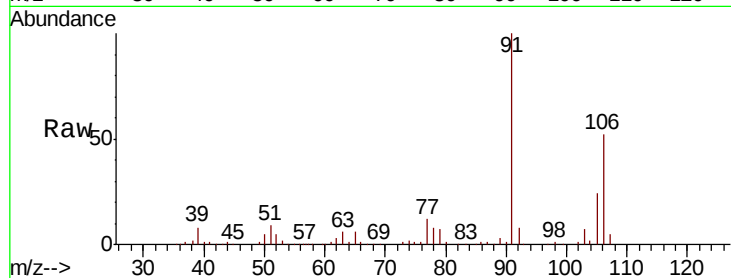
TP-8

Tot Ion:106 Resp: 27603

Ion Ratio Lower Upper

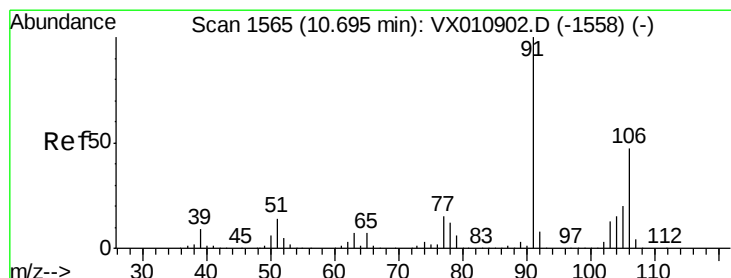
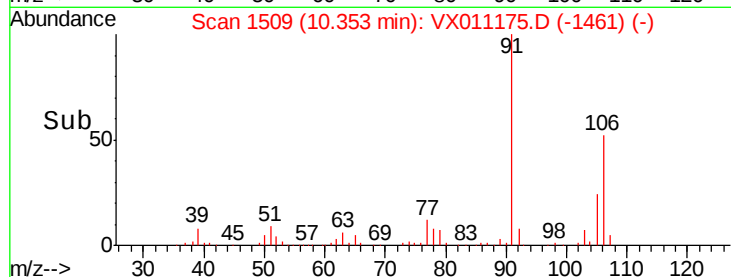
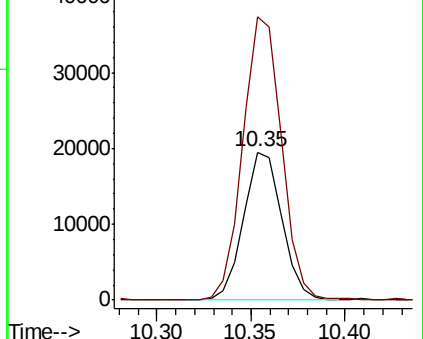
106 100

91 193.4 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 2.742 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX011175.D

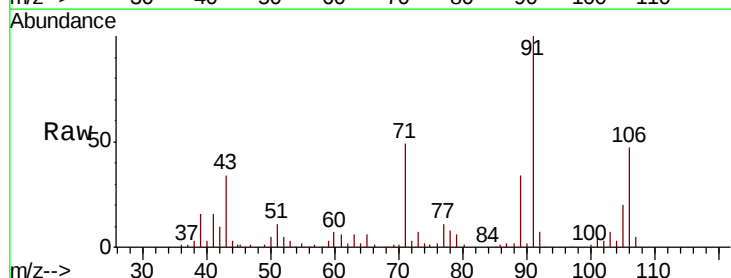
Acq: 30 Jul 2019 03:53

Tgt Ion:106 Resp: 10545

Ion Ratio Lower Upper

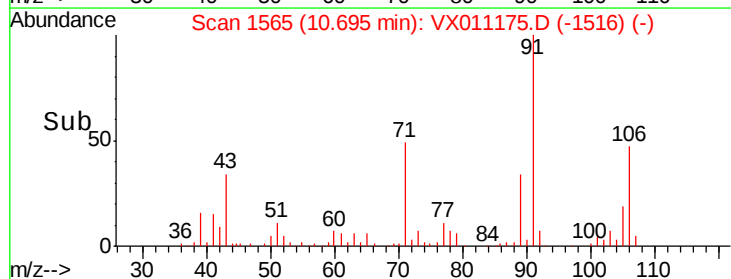
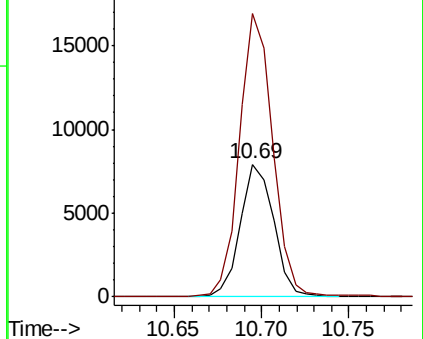
106 100

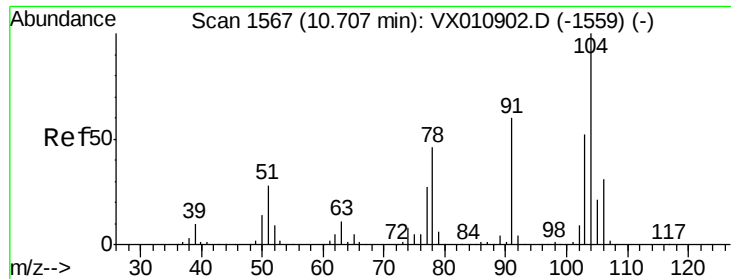
91 213.2 105.1 315.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 0.241 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampleId :

TP-8

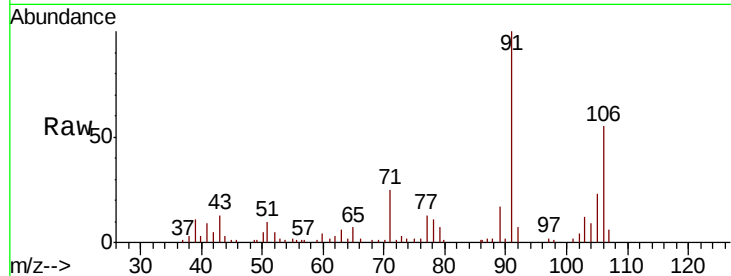
Tot Ion:104 Resp: 1543

Ion Ratio Lower Upper

104 100

78 135.8 38.8 58.2#

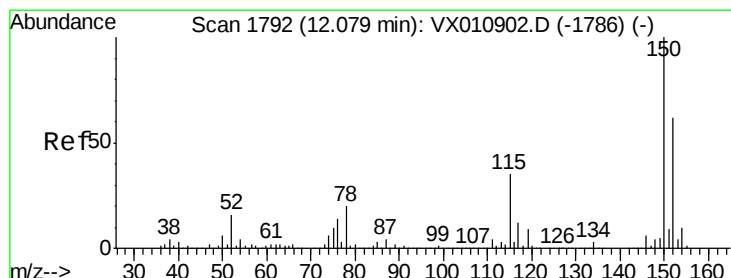
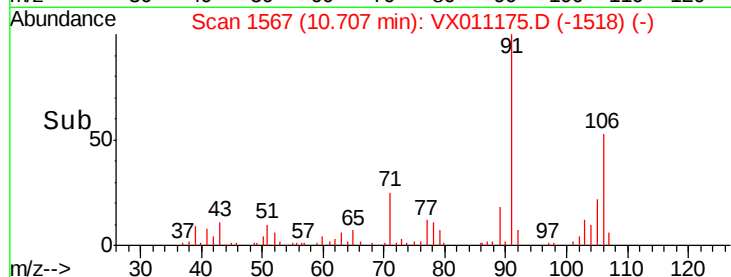
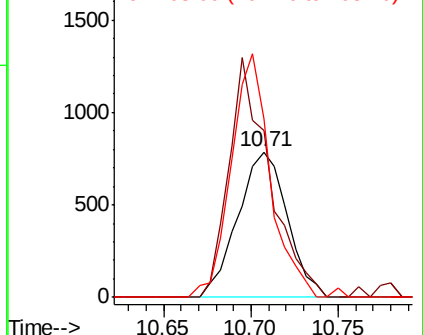
103 132.9 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

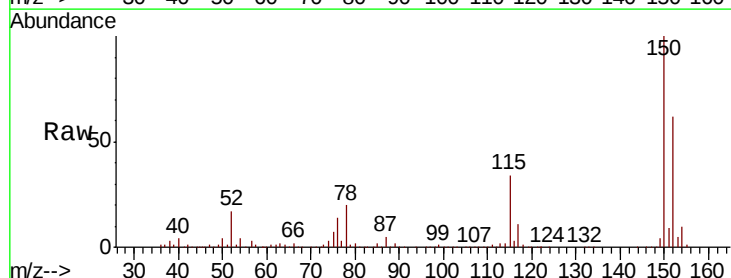
Tgt Ion:152 Resp: 139935

Ion Ratio Lower Upper

152 100

115 55.7 39.7 119.1

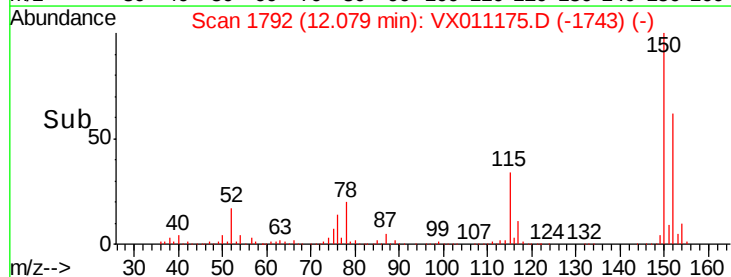
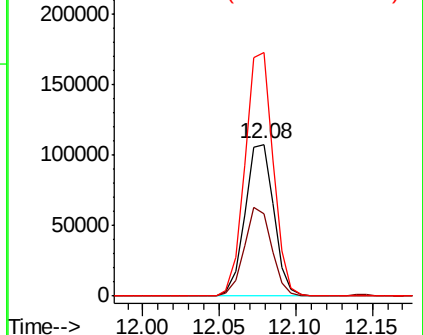
150 157.5 0.0 345.6

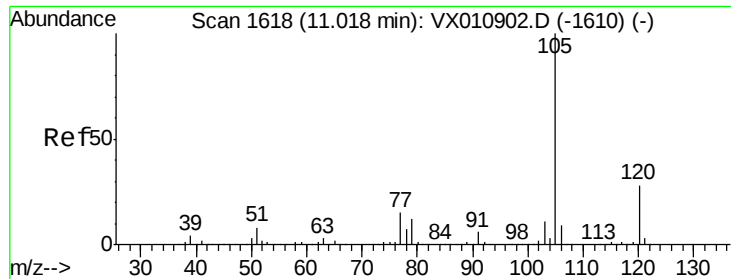


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.246 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampleId :

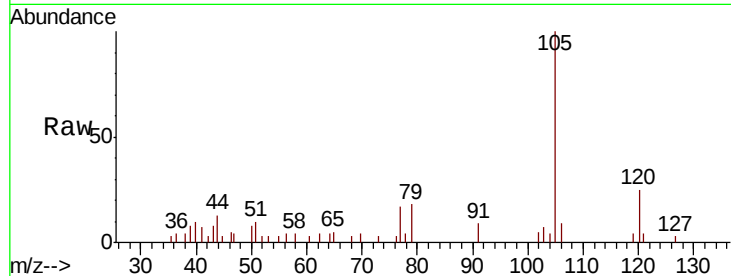
TP-8

Tot Ion:105 Resp: 2326

Ion Ratio Lower Upper

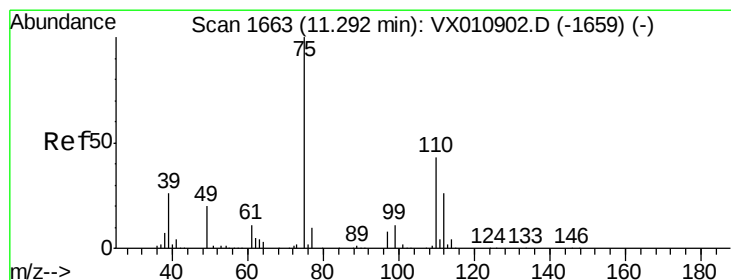
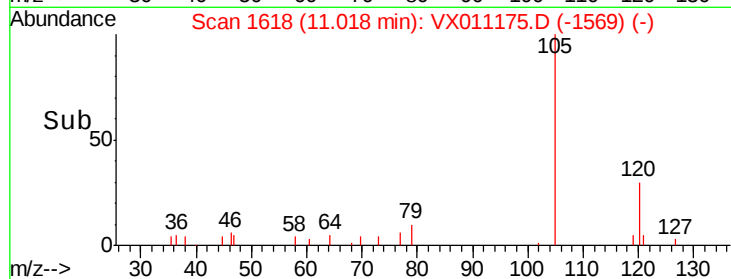
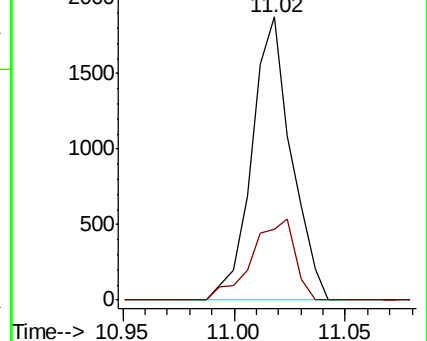
105 100

120 31.0 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 26.371 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011175.D

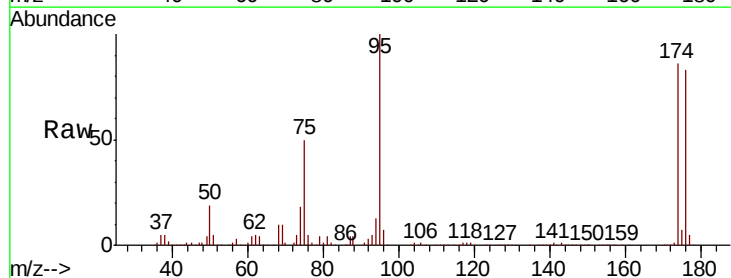
Acq: 30 Jul 2019 03:53

Tgt Ion: 75 Resp: 66592

Ion Ratio Lower Upper

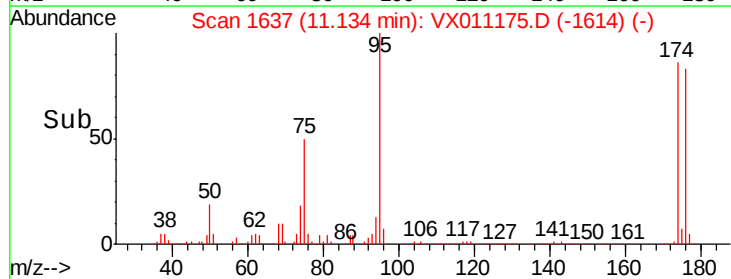
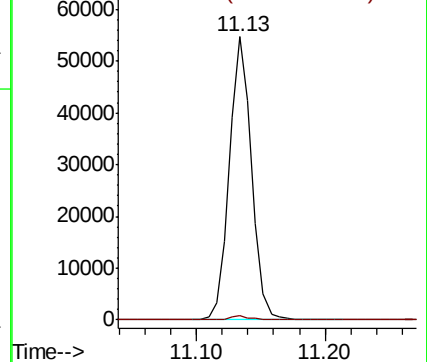
75 100

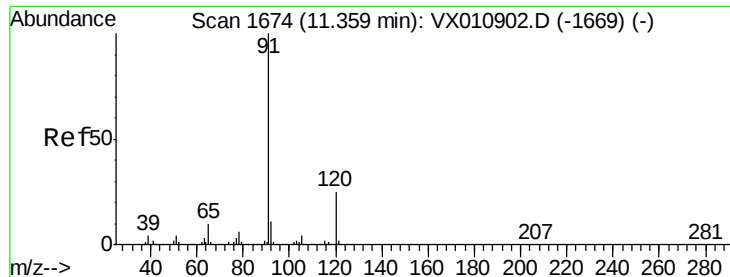
77 1.4 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.579 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampleId :

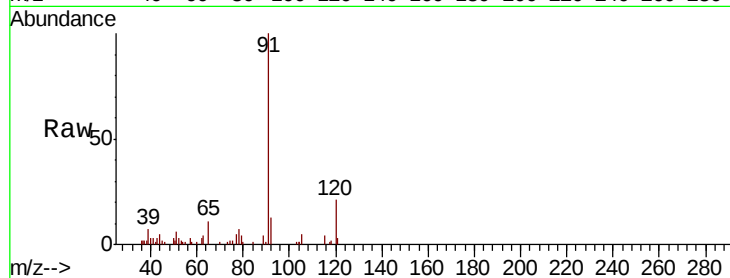
TP-8

Tot Ion: 91 Resp: 6053

Ion Ratio Lower Upper

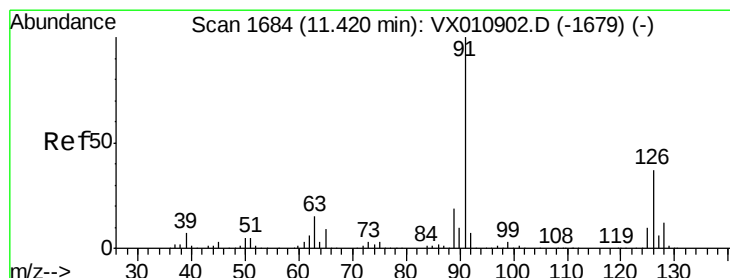
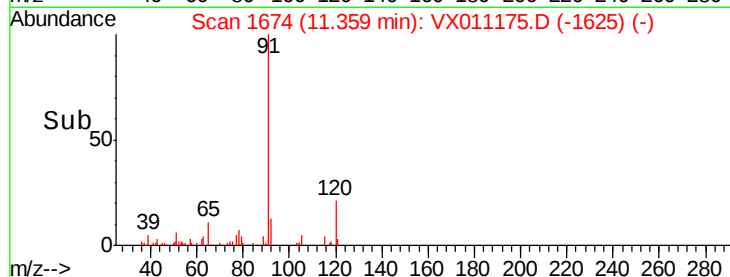
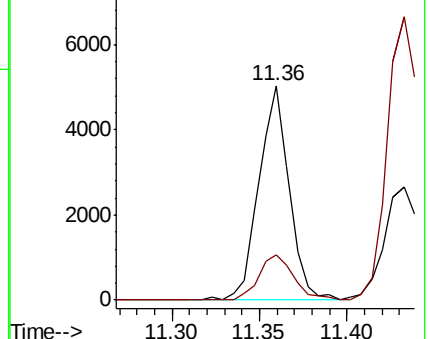
91 100

120 24.1 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.811 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011175.D

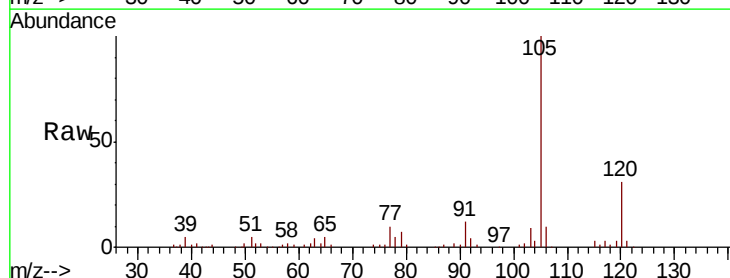
Acq: 30 Jul 2019 03:53

Tgt Ion: 91 Resp: 5087

Ion Ratio Lower Upper

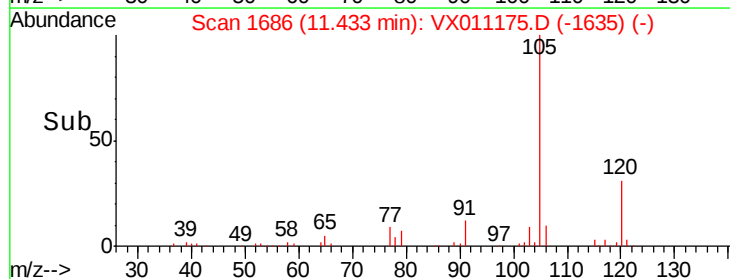
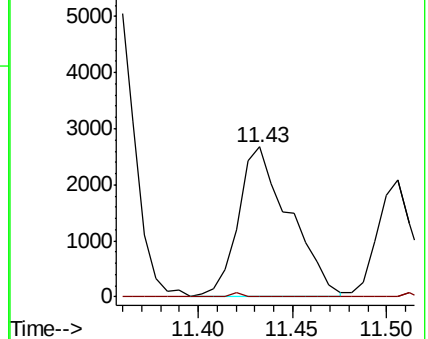
91 100

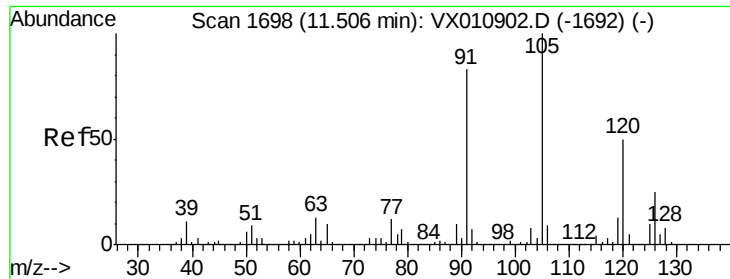
126 0.5 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 2.899 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampled :

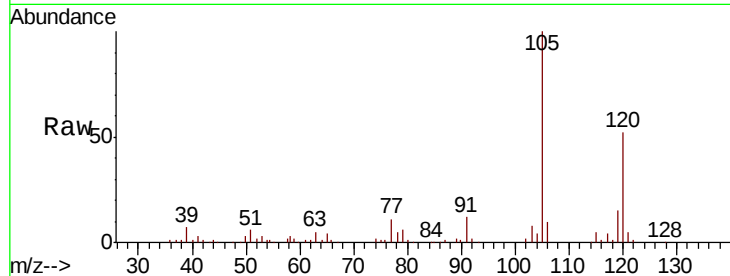
TP-8

Tot Ion:105 Resp: 22901

Ion Ratio Lower Upper

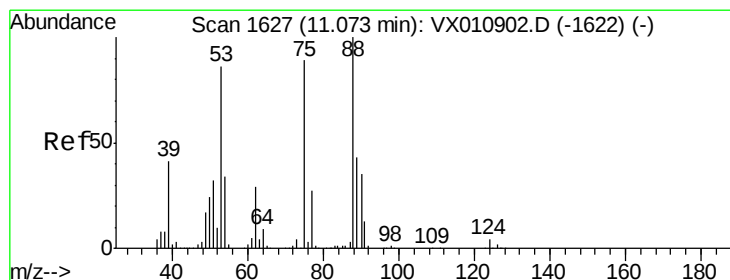
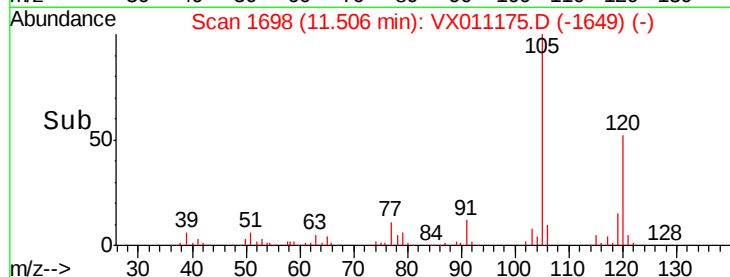
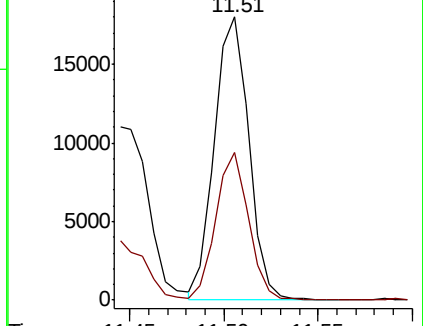
105 100

120 49.7 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 65.474 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

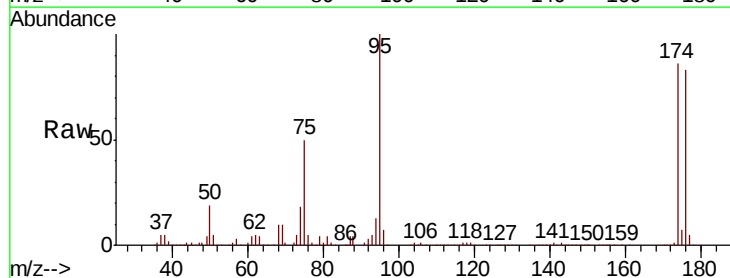
Tgt Ion: 75 Resp: 66592

Ion Ratio Lower Upper

75 100

53 0.0 76.7 115.1#

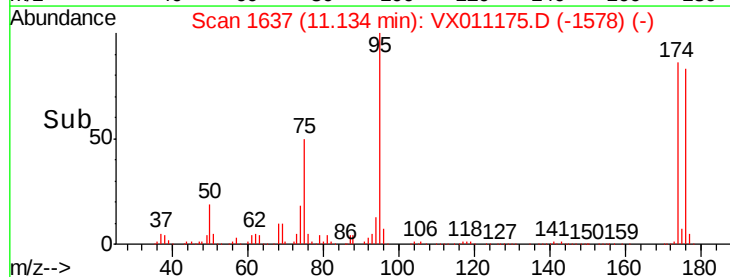
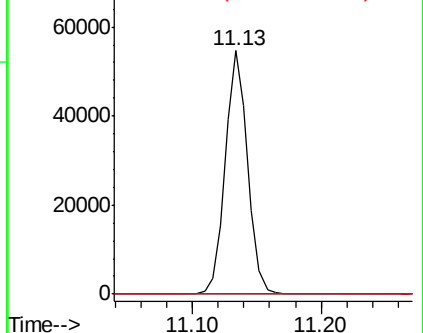
89 0.1 38.5 57.7#

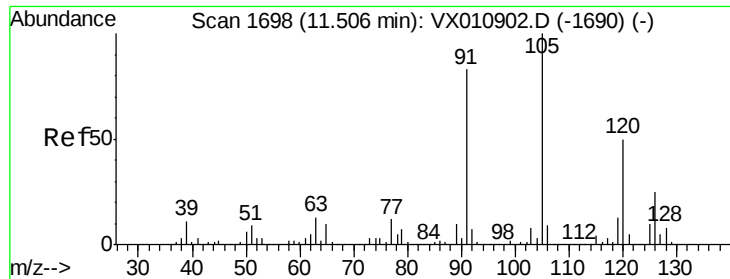


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.381 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampled :

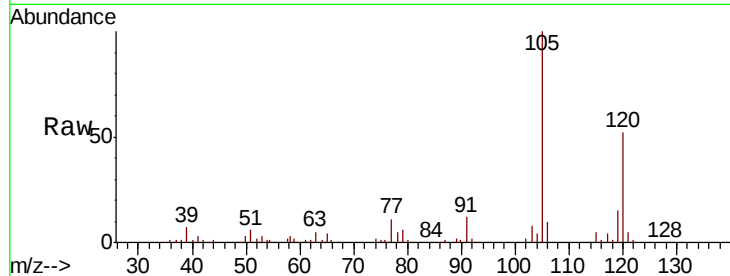
TP-8

Tot Ion: 91 Resp: 2784

Ion Ratio Lower Upper

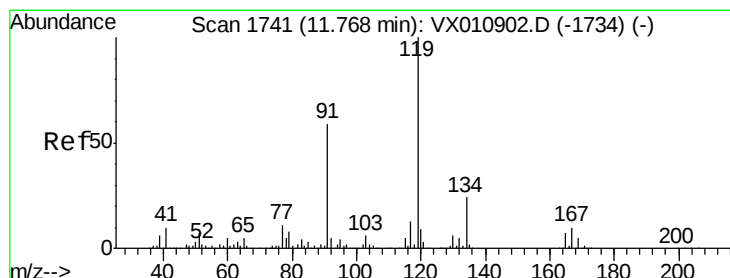
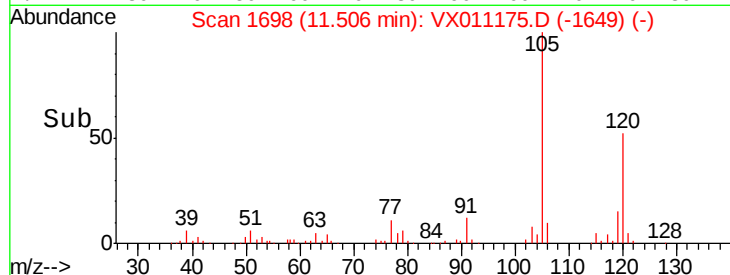
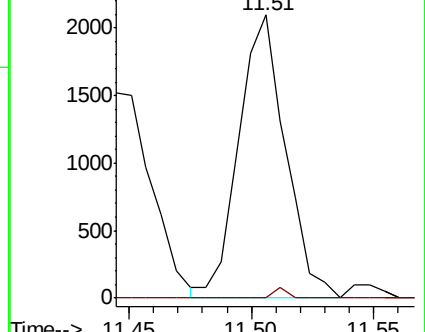
91 100

126 1.1 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 0.309 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.26 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

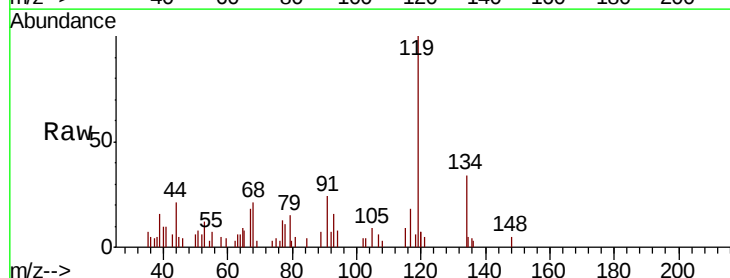
Tgt Ion: 119 Resp: 2400

Ion Ratio Lower Upper

119 100

91 31.8 28.6 85.8

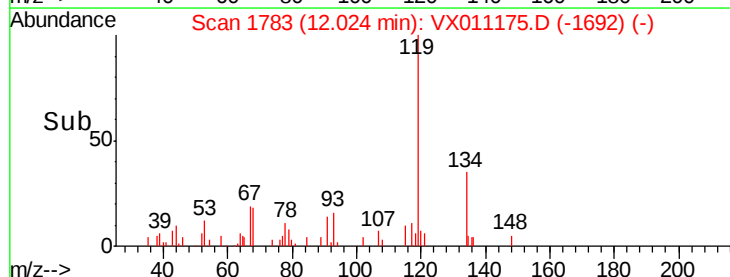
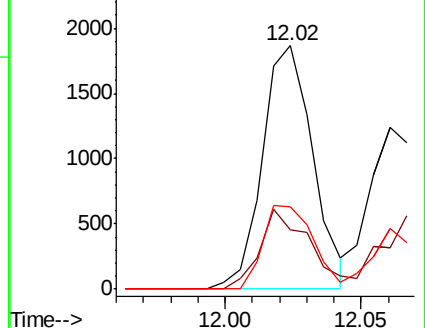
134 34.1 11.6 34.8

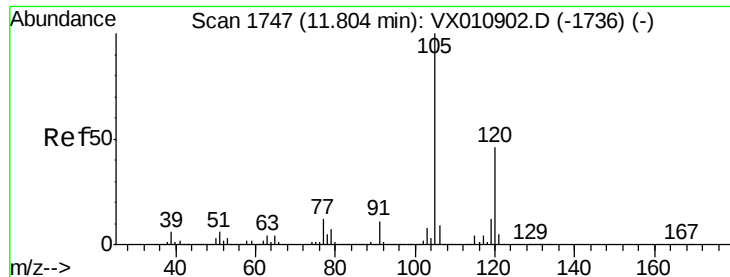


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

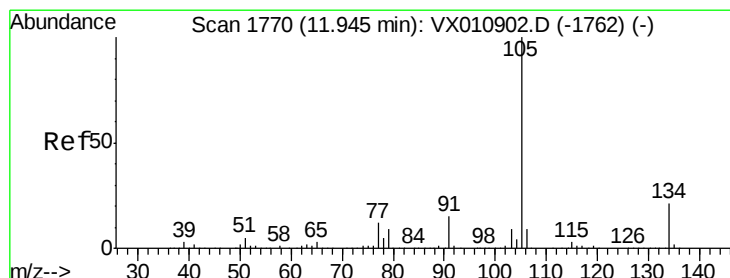
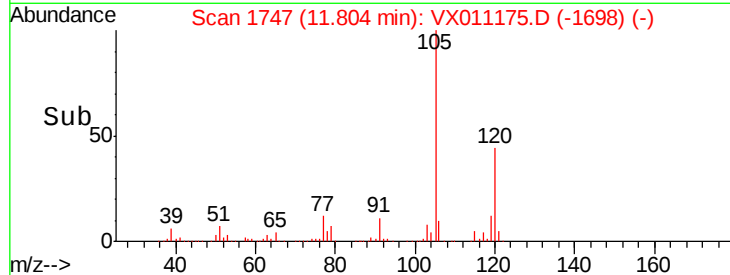
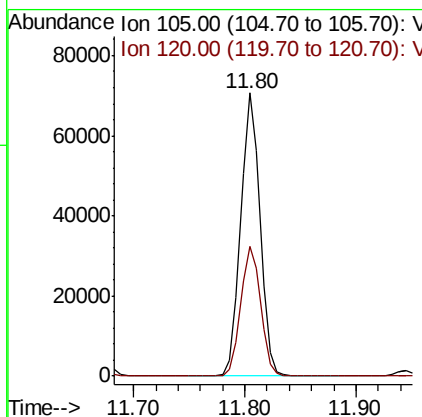
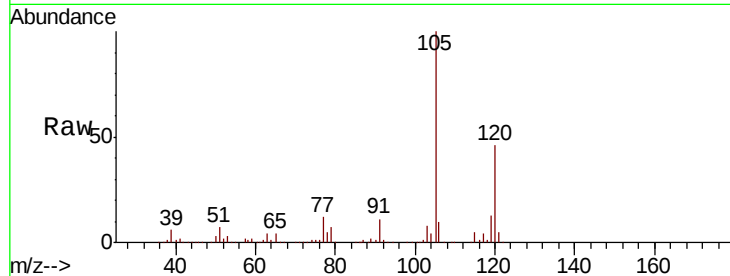




#84
 1,2,4-Trimethylbenzene
 Concen: 10.690 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011175.D
 Acq: 30 Jul 2019 03:53

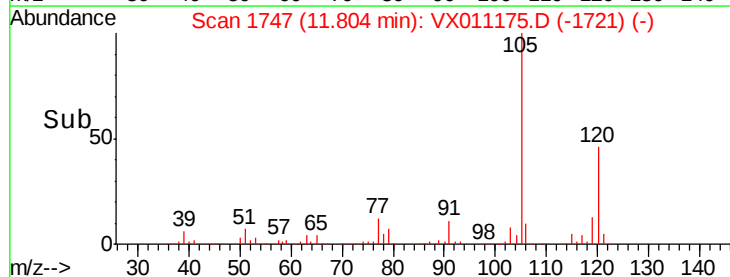
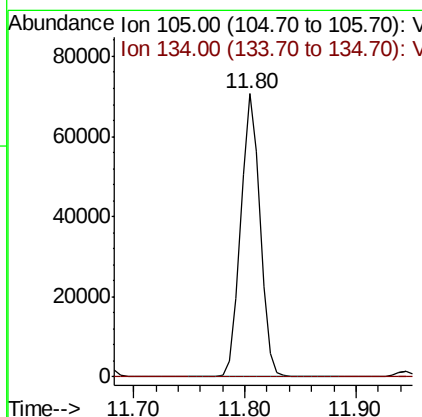
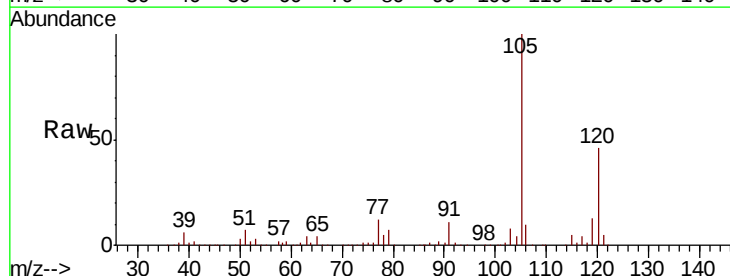
Instrument :
 MSVOA_X
 ClientSampled :
 TP-8

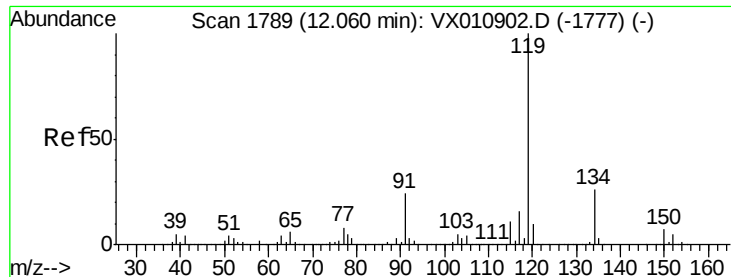
Tot Ion:105 Resp: 85130
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 9.362 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX011175.D
 Acq: 30 Jul 2019 03:53

Tgt Ion:105 Resp: 85130
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.4#

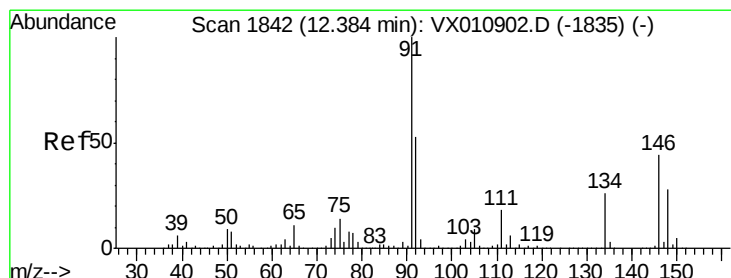
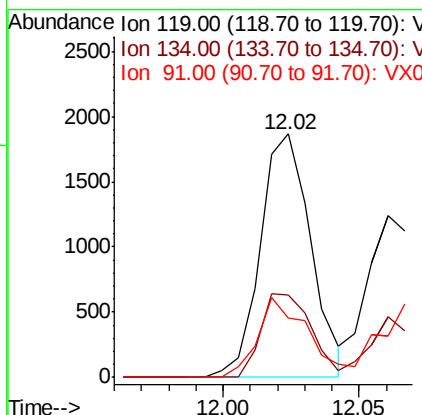
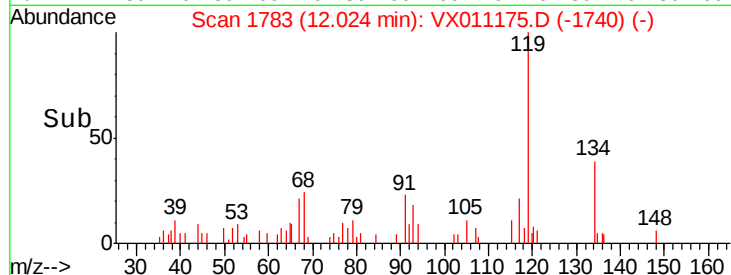
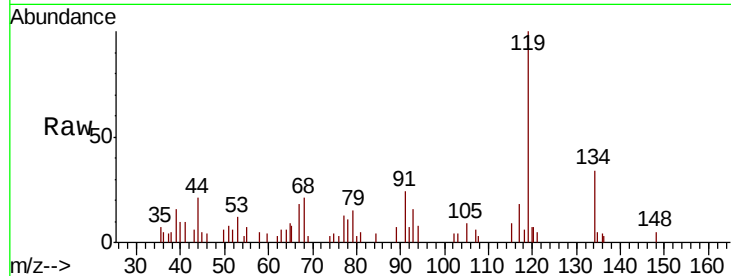




#86
p-Isopropyltoluene
Concen: 0.285 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

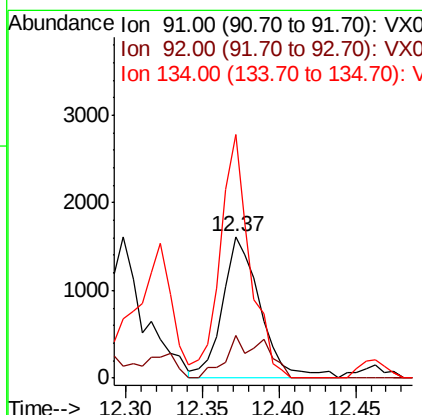
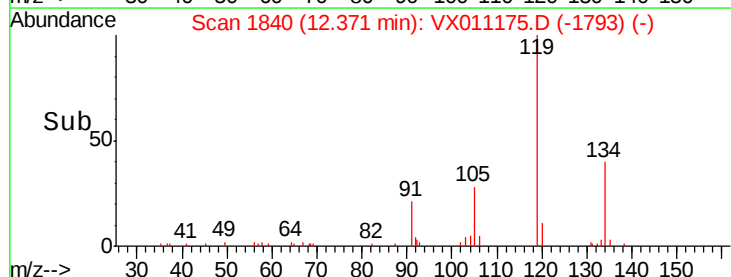
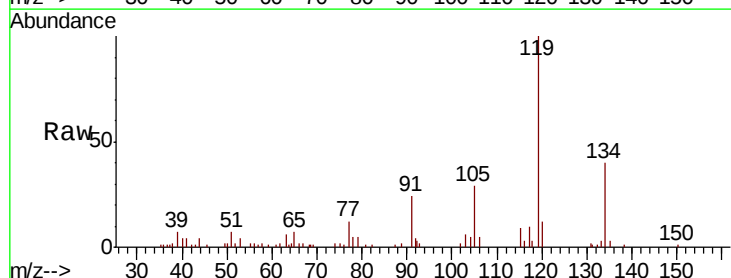
Instrument :
MSVOA_X
ClientSampled :
TP-8

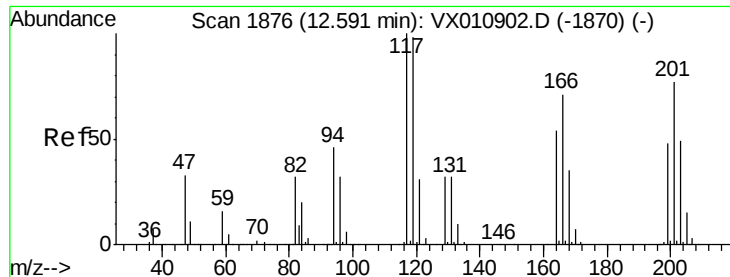
Tot Ion:119 Resp: 2400
Ion Ratio Lower Upper
119 100
134 34.1 13.4 40.1
91 33.1 11.8 35.4



#89
n-Butylbenzene
Concen: 0.382 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX011175.D
Acq: 30 Jul 2019 03:53

Tgt Ion: 91 Resp: 2745
Ion Ratio Lower Upper
91 100
92 31.5 26.2 78.5
134 136.2 13.8 41.3#





#90

Hexachloroethane

Concen: 0.495 ug/l

RT: 12.58 min Scan# 1874

Delta R.T. -0.01 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

Instrument :

MSVOA_X

ClientSampleId :

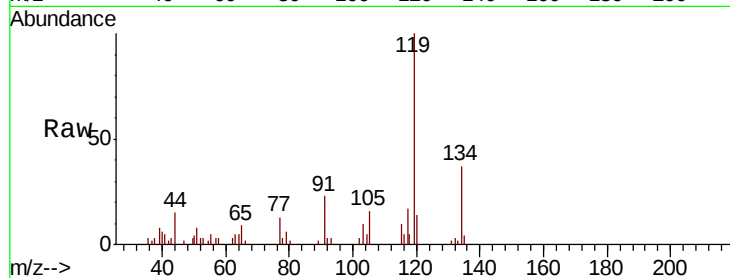
TP-8

Tot Ion:117 Resp: 656

Ion Ratio Lower Upper

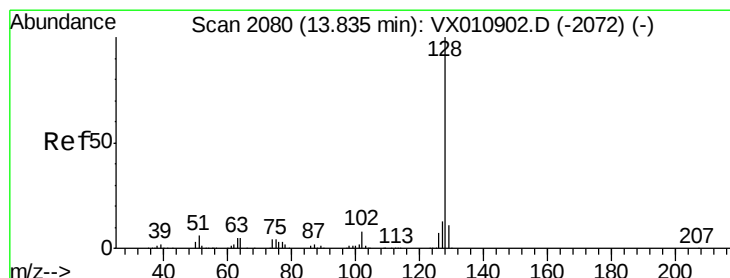
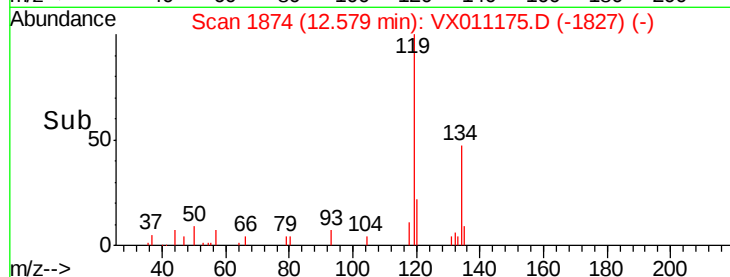
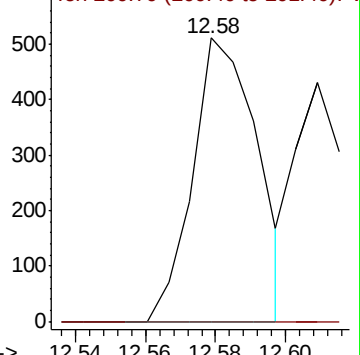
117 100

201 0.0 43.3 129.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 5.602 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX011175.D

Acq: 30 Jul 2019 03:53

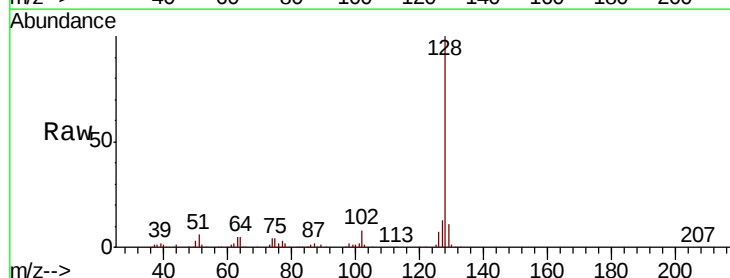
Tgt Ion:128 Resp: 50293

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.6 8.9 13.3



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

