

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072020\
 Data File : VX017434.D
 Acq On : 20 Jul 2020 12:40
 Operator : JC/SP
 Sample : L3329-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PW-2R

Quant Time: Jul 21 02:03:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	242529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	405575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	238753	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	157439	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	5.46	113	138711	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
50) Toluene-d8	8.70	98	500393	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.12	95	213873	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	742	0.321	ug/l	97
5) Bromomethane	1.64	94	383	0.257	ug/l #	44
8) Diethyl Ether	2.17	74	475	0.348	ug/l	66
10) Methyl Iodide	2.50	142	809	2.639	ug/l #	72
11) Tert butyl alcohol	3.01	59	785	1.531	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	580	0.263	ug/l #	32
13) Acrolein	2.27	56	387	1.377	ug/l #	1
15) Acrylonitrile	3.14	53	841	0.676	ug/l #	83
16) Acetone	2.42	43	29012	26.716	ug/l	100
17) Carbon Disulfide	2.55	76	3454	0.536	ug/l #	85
18) Methyl Acetate	2.75	43	549	0.205	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	1534	0.205	ug/l #	57
20) Methylene Chloride	2.84	84	1849	0.698	ug/l #	60
21) trans-1,2-Dichloroethene	3.14	96	607	0.240	ug/l #	51
25) 2-Butanone	4.64	43	526	0.305	ug/l	92
29) Tetrahydrofuran	5.08	42	5363	4.803	ug/l #	31
31) Cyclohexane	5.54	56	1191	0.340	ug/l #	76
38) Carbon Tetrachloride	5.63	117	23647	5.414	ug/l #	16
39) Methylcyclohexane	7.44	83	3838	0.947	ug/l	89
49) 1,4-Dioxane	7.72	88	203	3.353	ug/l #	1
55) 1,1,2-Trichloroethane	9.15	97	2220	0.774	ug/l #	21
68) m/p-Xylenes	10.34	106	1494	0.269	ug/l	92
69) o-Xylene	10.68	106	1264	0.238	ug/l	93
73) Isopropylbenzene	11.00	105	4498	0.301	ug/l	78
76) 1,2,3-Trichloropropane	11.12	75	106631	24.170	ug/l #	37
78) n-propylbenzene	11.34	91	3656	0.218	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.12	75	106631	61.313	ug/l #	11
83) tert-Butylbenzene	11.76	119	4582	0.373	ug/l	81
84) 1,2,4-Trimethylbenzene	11.79	105	2586	0.201	ug/l	93
85) sec-Butylbenzene	11.93	105	5518	0.384	ug/l #	55
86) p-Isopropyltoluene	12.21	119	8147	0.599	ug/l	95
88) 1,4-Dichlorobenzene	12.08	146	1620	0.210	ug/l #	1
89) n-Butylbenzene	12.37	91	5120	0.441	ug/l	92
90) Hexachloroethane	12.65	117	7253	2.808	ug/l #	9

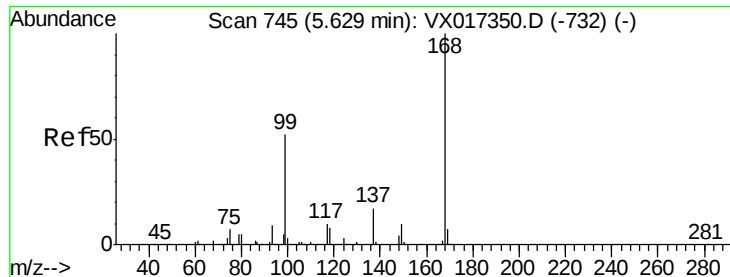
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072020\
Data File : VX017434.D
Acq On : 20 Jul 2020 12:40
Operator : JC/SP
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Instrument :
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ClientSampleId :
PW-2R

Quant Time: Jul 21 02:03:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	12.96	75	821	0.685	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.63	180	2070	0.416	ug/l #	1
94) Hexachlorobutadiene	13.77	225	1355	0.668	ug/l	79
95) Naphthalene	13.82	128	57681	3.944	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.01	180	2137	0.445	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

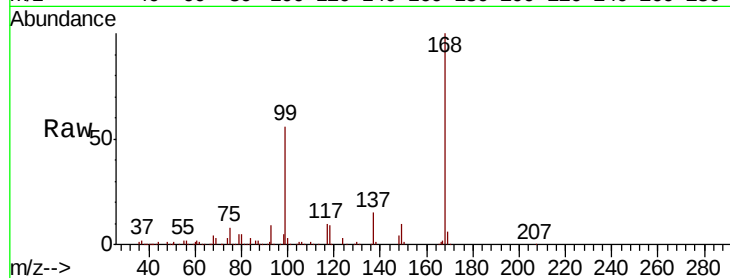
PW-2R

Tot Ion:168 Resp: 242529

Ion Ratio Lower Upper

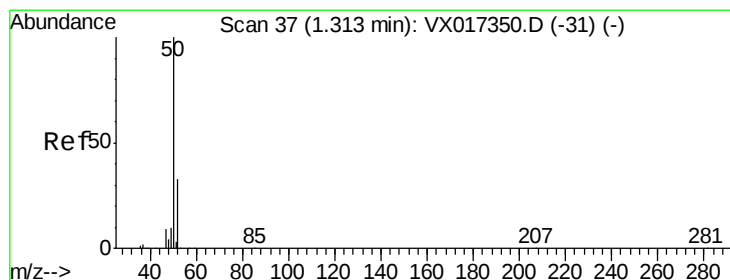
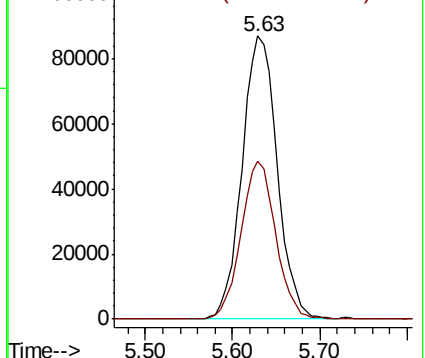
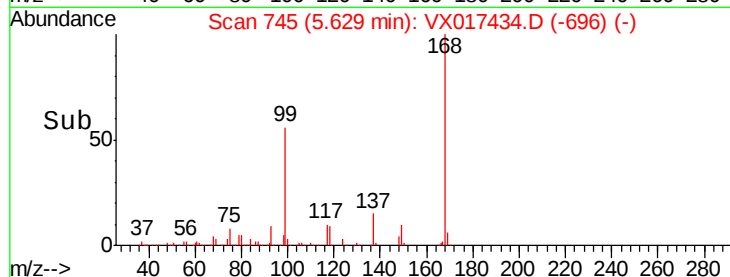
168 100

99 55.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.321 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017434.D

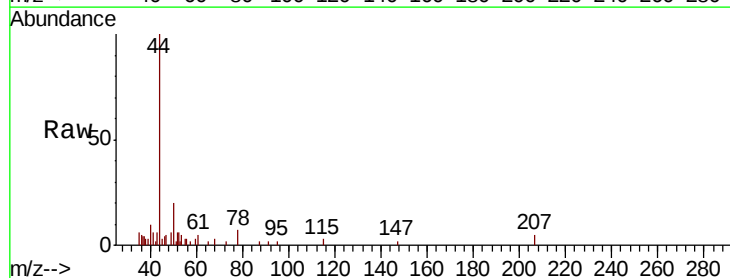
Acq: 20 Jul 2020 12:40

Tgt Ion: 50 Resp: 742

Ion Ratio Lower Upper

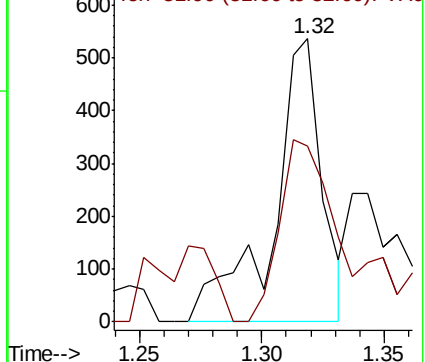
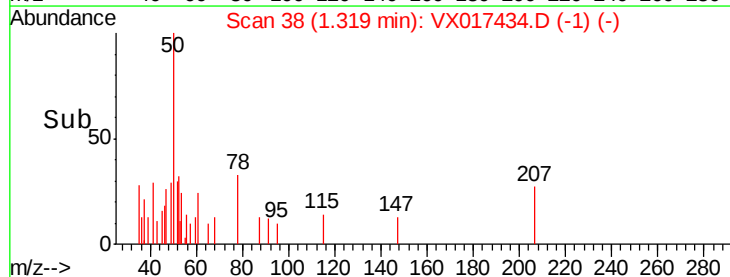
50 100

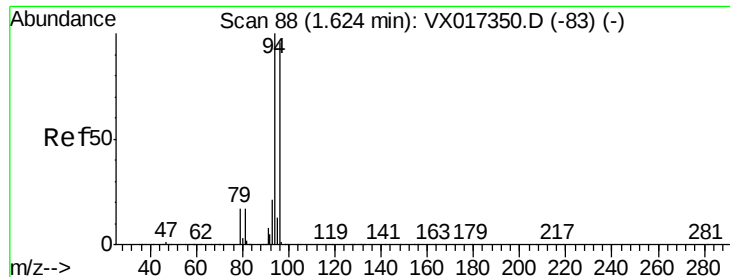
52 35.3 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.257 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampled :

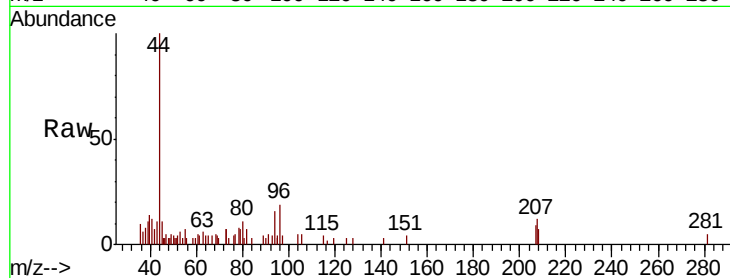
PW-2R

Tot Ion: 94 Resp: 383

Ion Ratio Lower Upper

94 100

96 150.6 76.6 115.0#

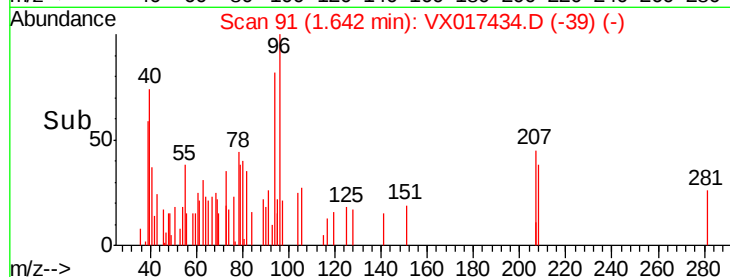


Abundance Ion 93.90 (93.60 to 94.60): VX0

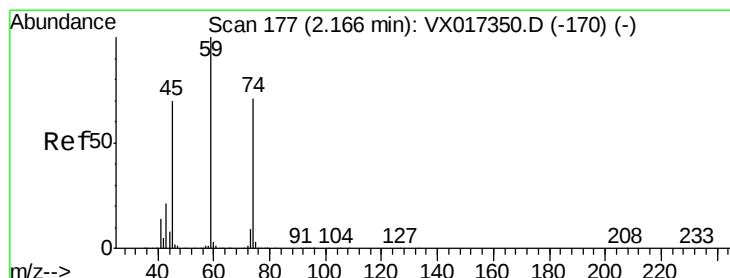
Ion 95.90 (95.60 to 96.60): VX0

1.64

Time-->



Time-->



#8

Diethyl Ether

Concen: 0.348 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX017434.D

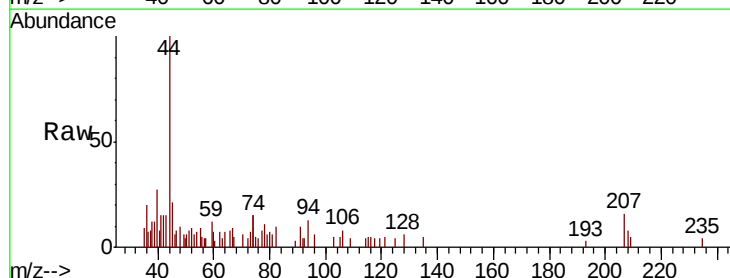
Acq: 20 Jul 2020 12:40

Tgt Ion: 74 Resp: 475

Ion Ratio Lower Upper

74 100

45 61.5 47.2 141.6

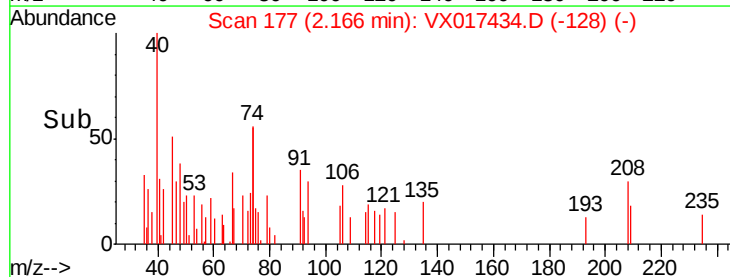


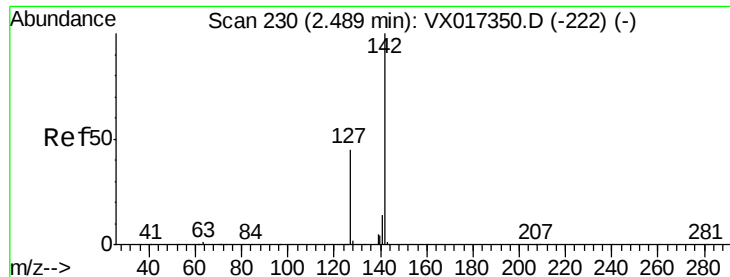
Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

Time-->

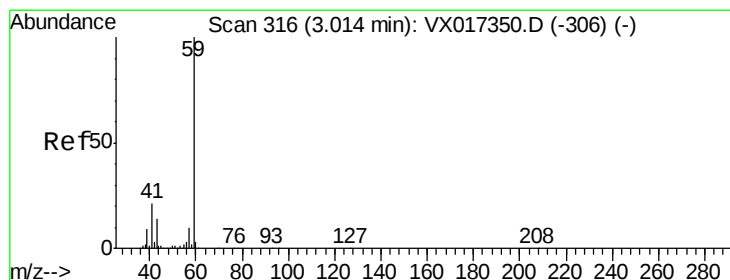
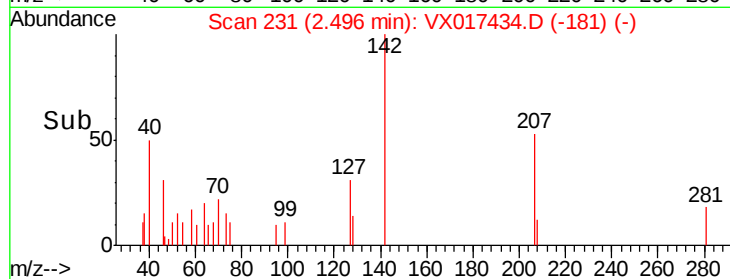
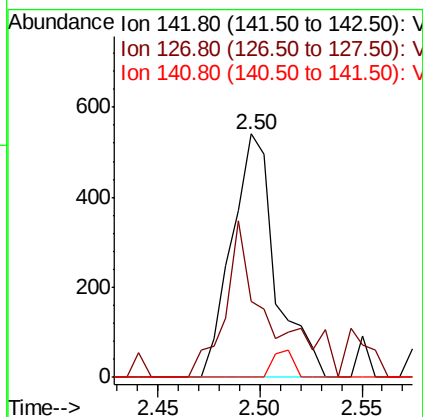
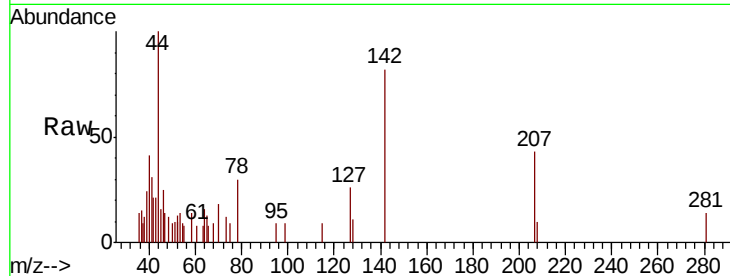




#10
Methvl Iodide
Concen: 2.639 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017434.D
Acq: 20 Jul 2020 12:40

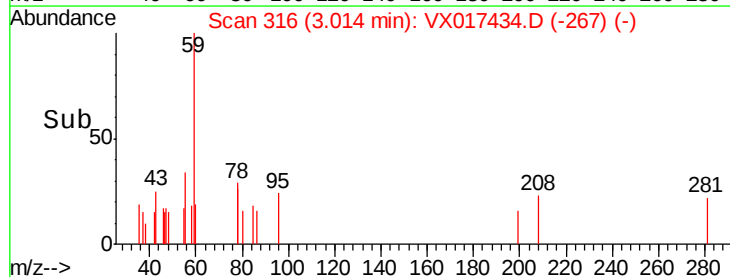
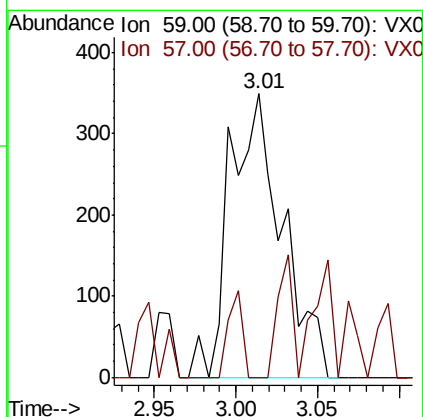
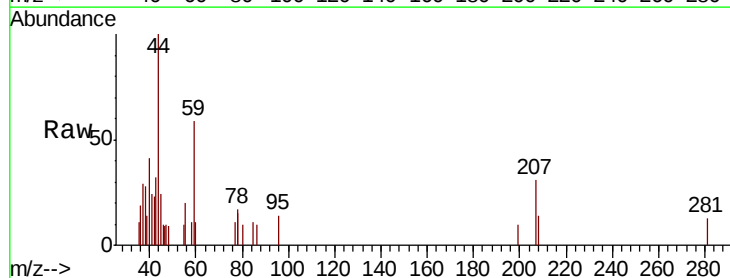
Instrument :
MSVOA_X
ClientSampled :
PW-2R

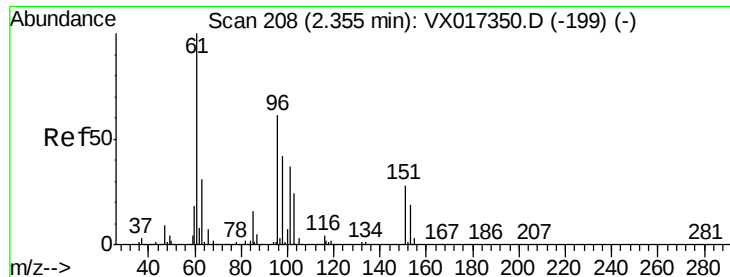
Tot Ion:142 Resp: 809
Ion Ratio Lower Upper
142 100
127 63.0 36.8 55.2#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.531 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX017434.D
Acq: 20 Jul 2020 12:40

Tgt Ion: 59 Resp: 785
Ion Ratio Lower Upper
59 100
57 8.2 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.263 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampled :

PW-2R

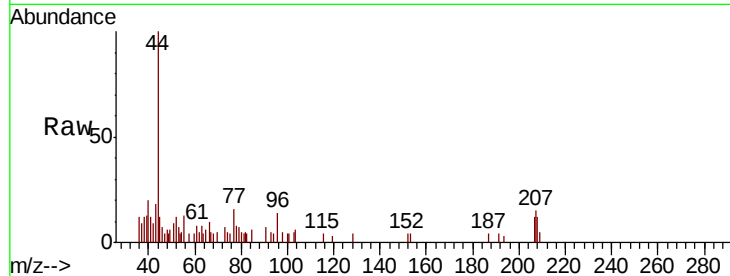
Tot Ion: 96 Resp: 580

Ion Ratio Lower Upper

96 100

61 57.0 131.5 197.3#

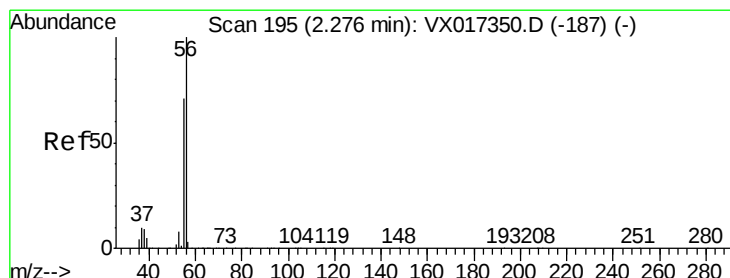
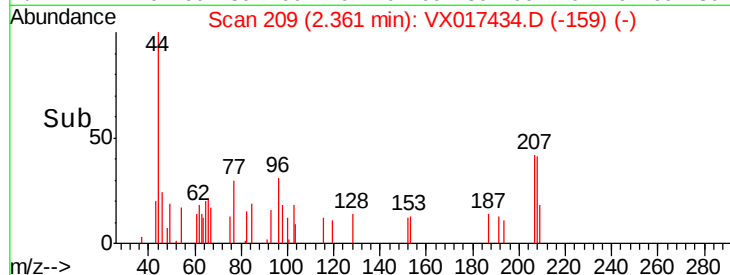
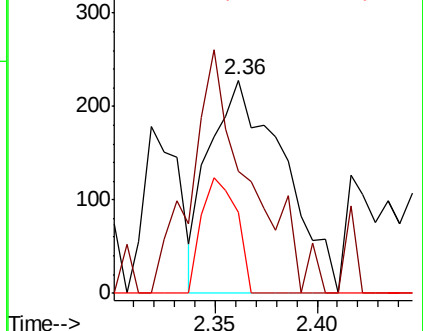
98 37.7 55.1 82.7#



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



#13

Acrolein

Concen: 1.377 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017434.D

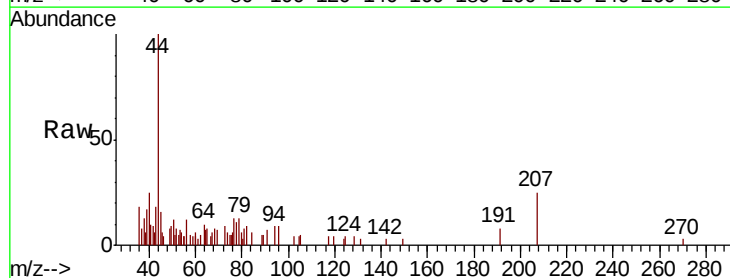
Acq: 20 Jul 2020 12:40

Tgt Ion: 56 Resp: 387

Ion Ratio Lower Upper

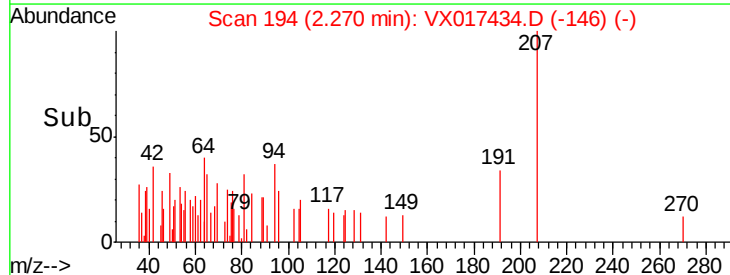
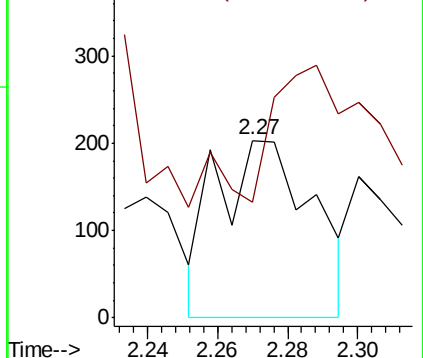
56 100

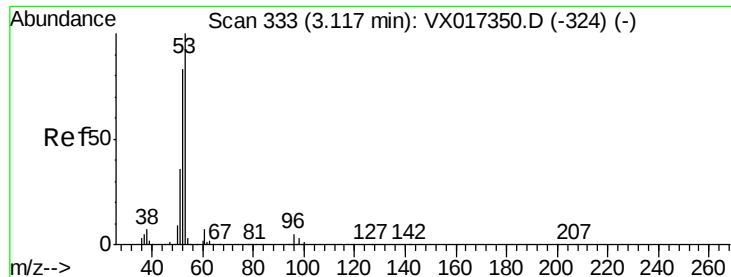
55 177.3 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.676 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.02 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

PW-2R

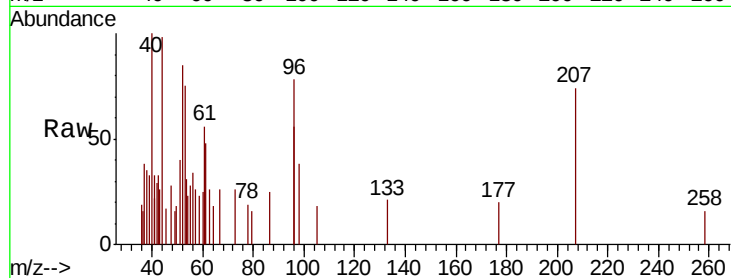
Tot Ion: 53 Resp: 841

Ion Ratio Lower Upper

53 100

52 95.5 65.8 98.6

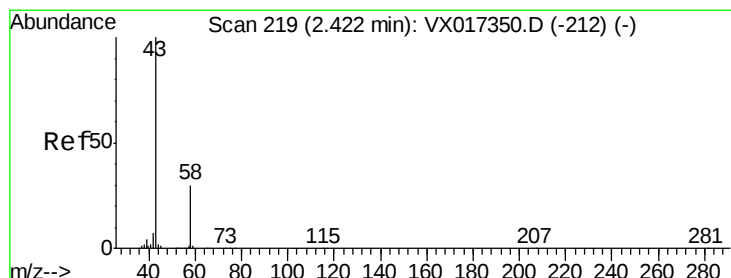
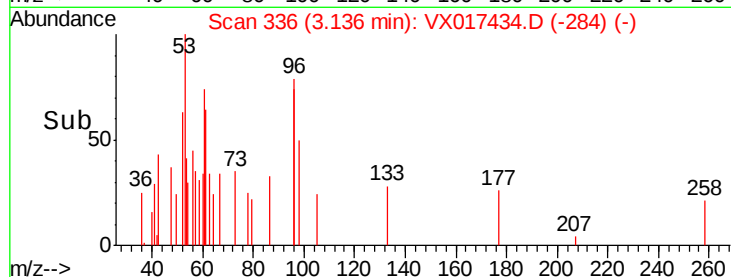
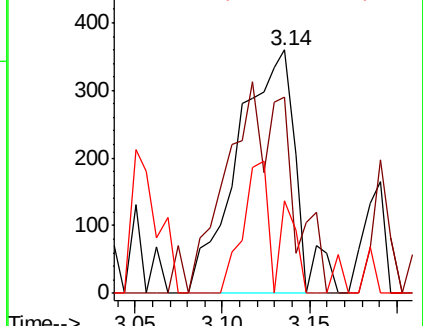
51 22.6 29.2 43.8#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 26.716 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017434.D

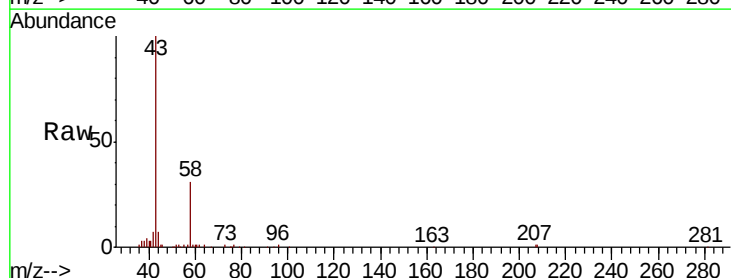
Acq: 20 Jul 2020 12:40

Tgt Ion: 43 Resp: 29012

Ion Ratio Lower Upper

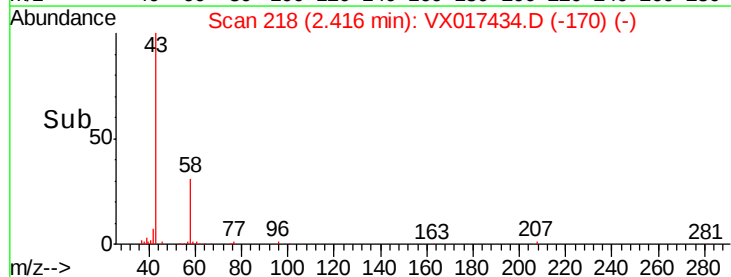
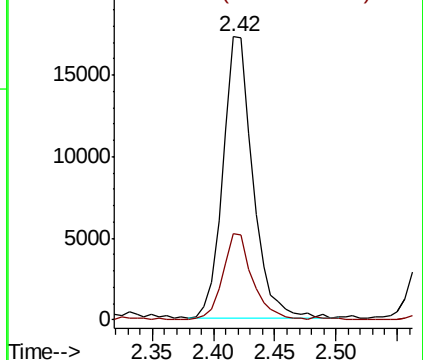
43 100

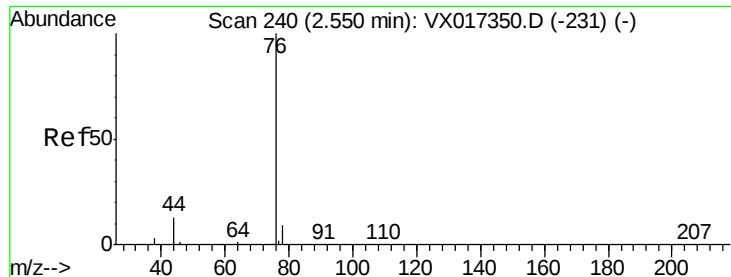
58 30.4 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

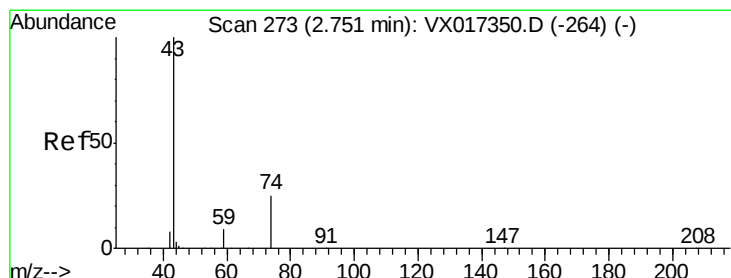
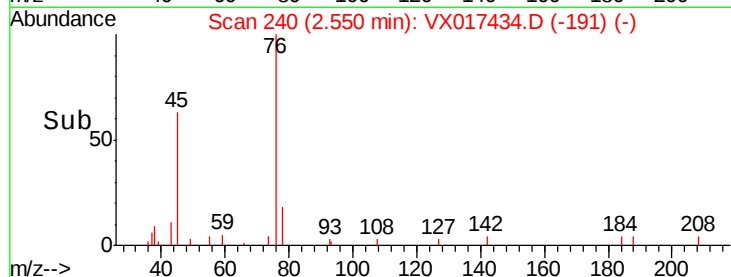
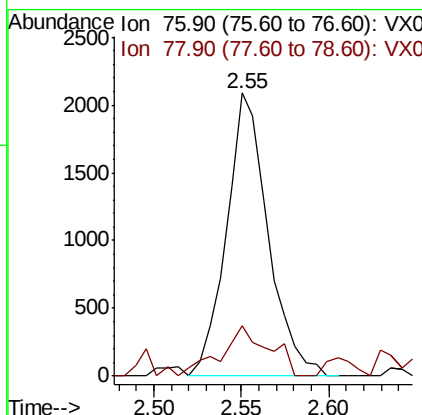
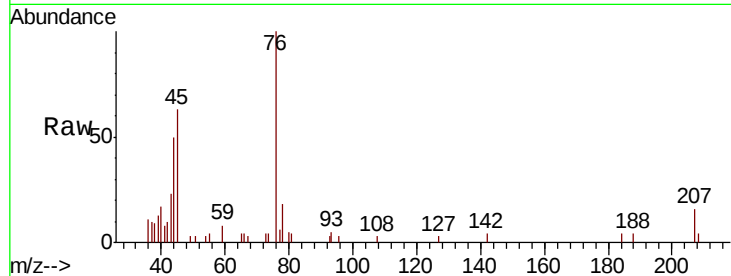




#17
Carbon Disulfide
Concen: 0.536 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017434.D
Acq: 20 Jul 2020 12:40

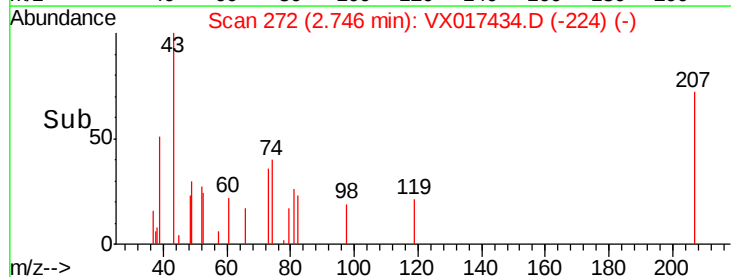
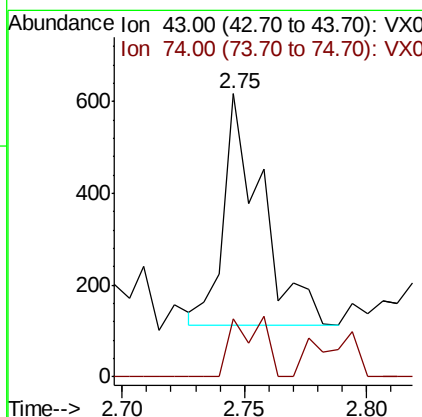
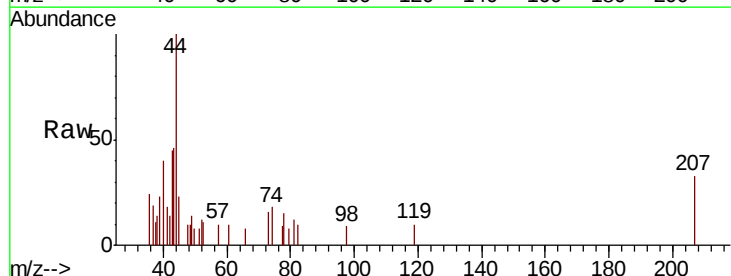
Instrument :
MSVOA_X
ClientSampleId :
PW-2R

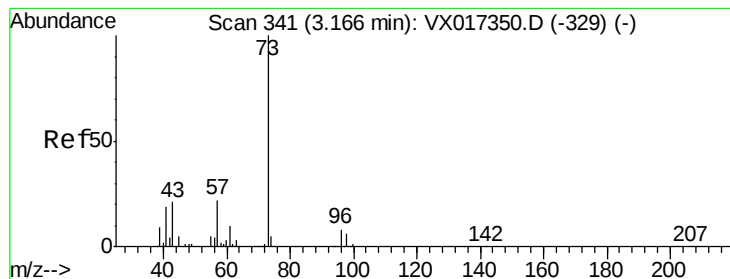
Tot Ion: 76 Resp: 3454
Ion Ratio Lower Upper
76 100
78 14.6 7.3 10.9#



#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017434.D
Acq: 20 Jul 2020 12:40

Tgt Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
74 22.0 19.4 29.2



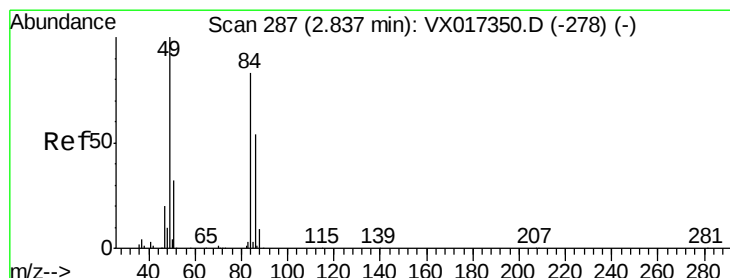
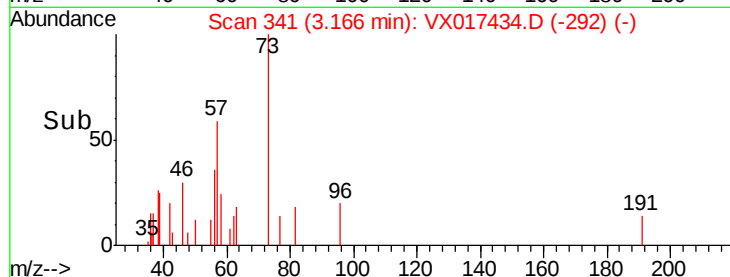
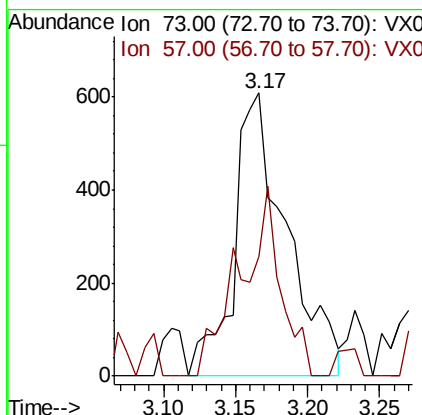
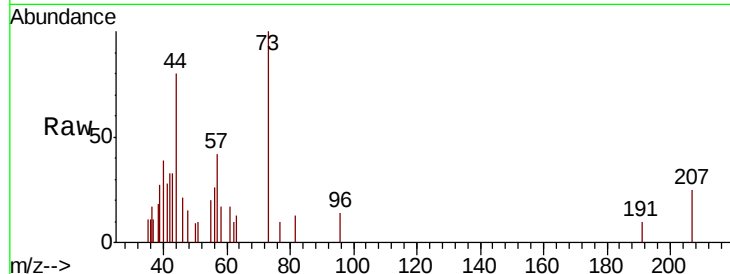


#19

Methyl tert-butyl Ether
 Concen: 0.205 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017434.D
 Acq: 20 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampled :
 PW-2R

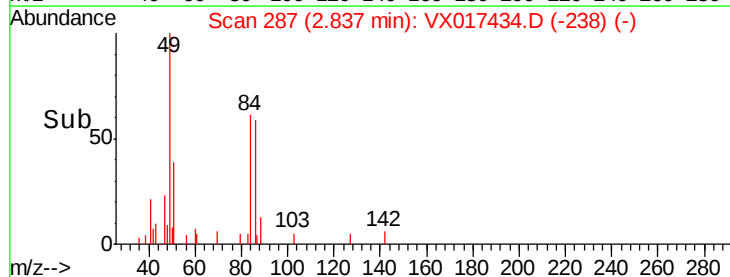
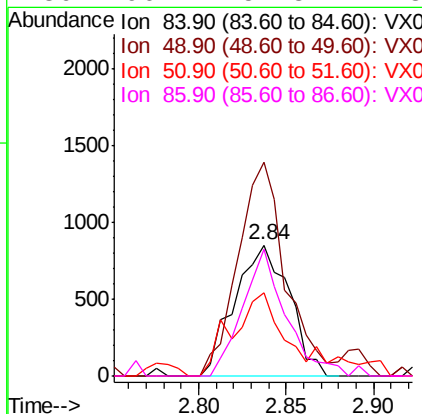
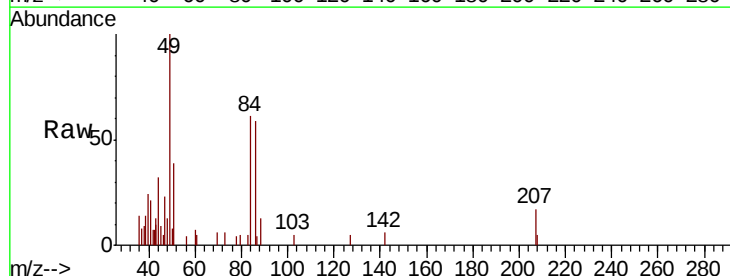
Tot Ion: 73 Resp: 1534
 Ion Ratio Lower Upper
 73 100
 57 42.4 17.5 26.3#

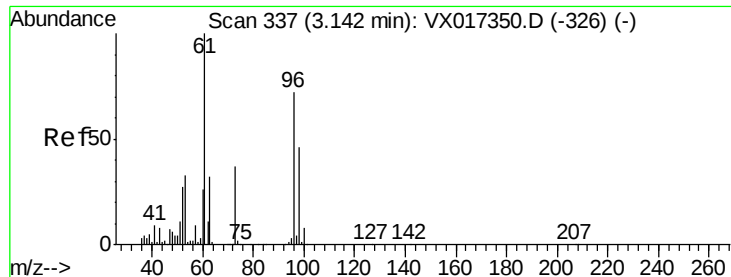


#20

Methylene Chloride
 Concen: 0.698 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017434.D
 Acq: 20 Jul 2020 12:40

Tgt Ion: 84 Resp: 1849
 Ion Ratio Lower Upper
 84 100
 49 163.5 95.8 143.8#
 51 63.9 31.0 46.4#
 86 96.7 51.8 77.8#





#21

trans-1,2-Dichloroethene

Concen: 0.240 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampled :

PW-2R

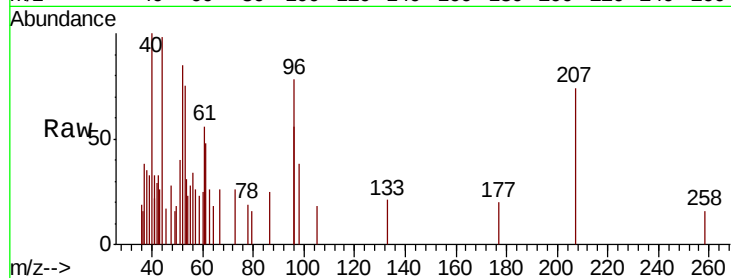
Tot Ion: 96 Resp: 607

Ion Ratio Lower Upper

96 100

61 78.0 111.1 166.7#

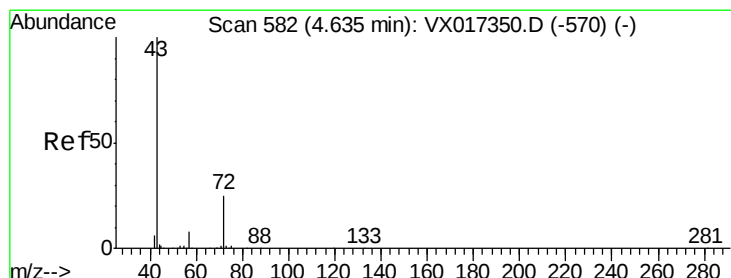
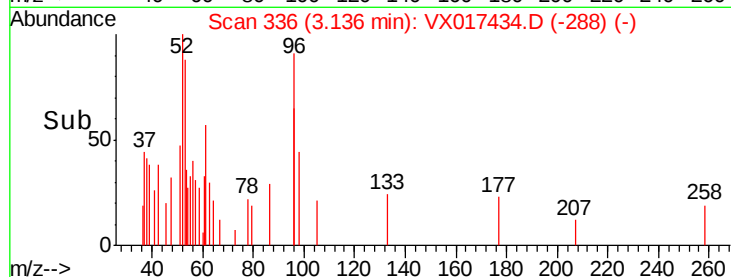
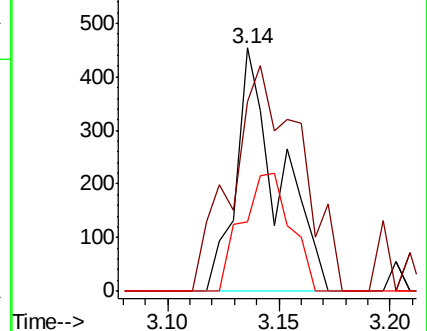
98 28.4 51.4 77.0#



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



#25

2-Butanone

Concen: 0.305 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017434.D

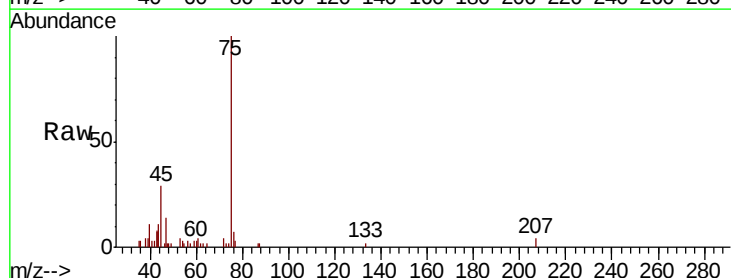
Acq: 20 Jul 2020 12:40

Tgt Ion: 43 Resp: 526

Ion Ratio Lower Upper

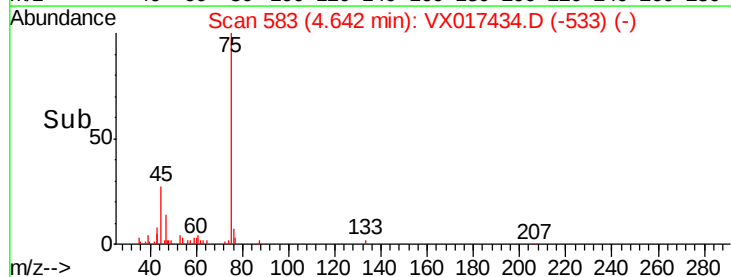
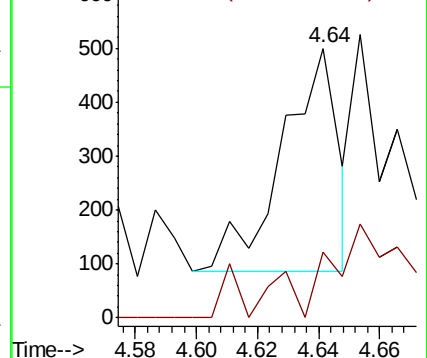
43 100

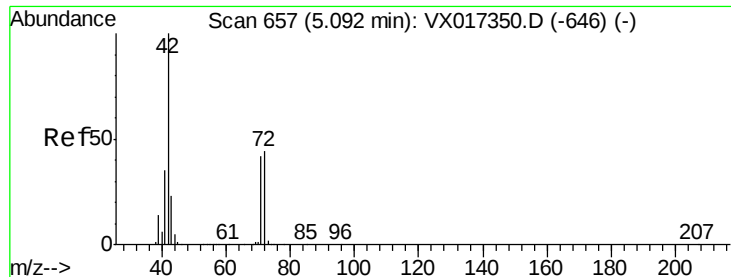
72 29.3 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

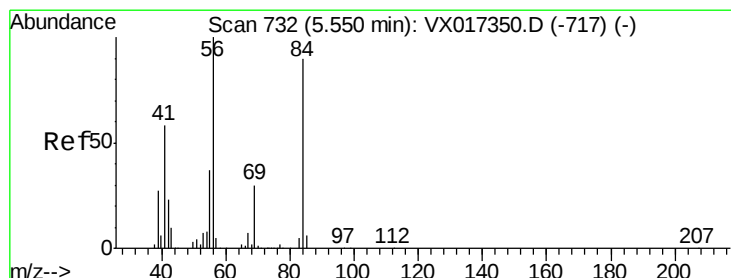
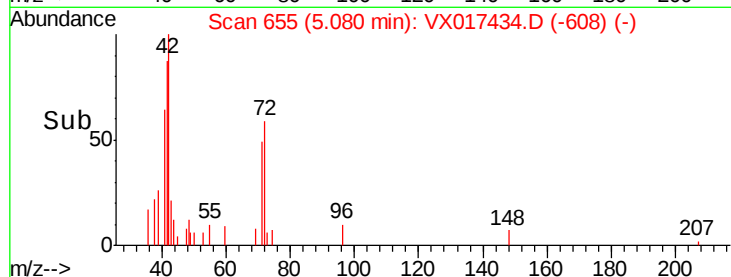
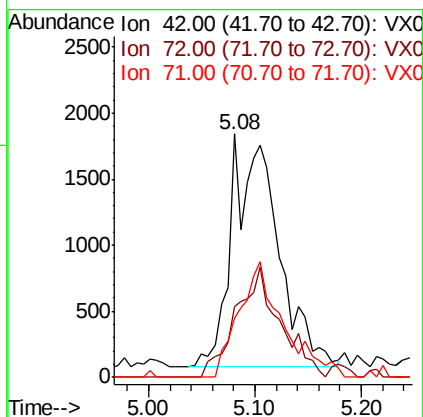
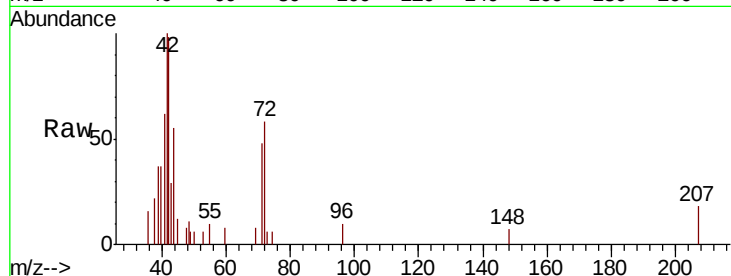




#29
Tetrahydrofuran
Concen: 4.803 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX017434.D
Acq: 20 Jul 2020 12:40

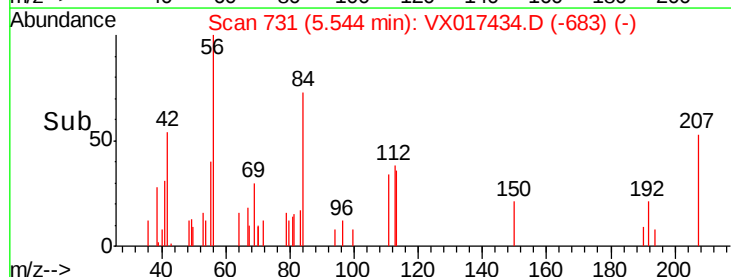
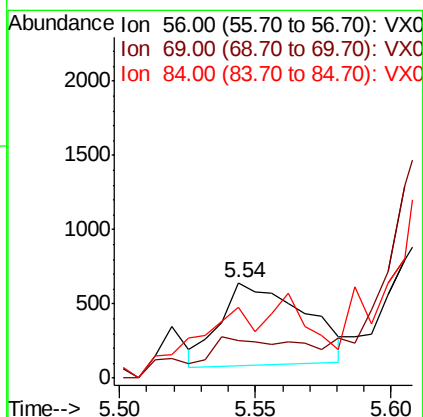
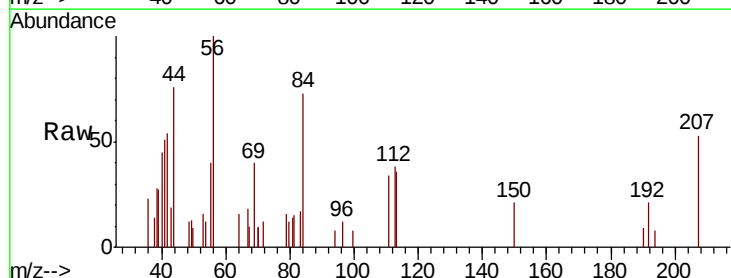
Instrument :
MSVOA_X
ClientSampleId :
PW-2R

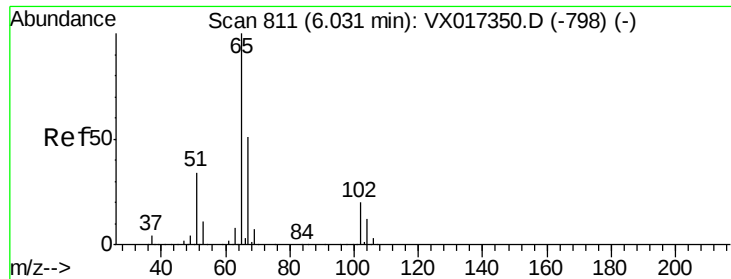
Tot Ion: 42 Resp: 5363
Ion Ratio Lower Upper
42 100
72 0.0 37.2 55.8#
71 0.0 34.4 51.6#



#31
Cyclohexane
Concen: 0.340 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017434.D
Acq: 20 Jul 2020 12:40

Tgt Ion: 56 Resp: 1191
Ion Ratio Lower Upper
56 100
69 33.8 23.7 35.5
84 61.8 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 51.722 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

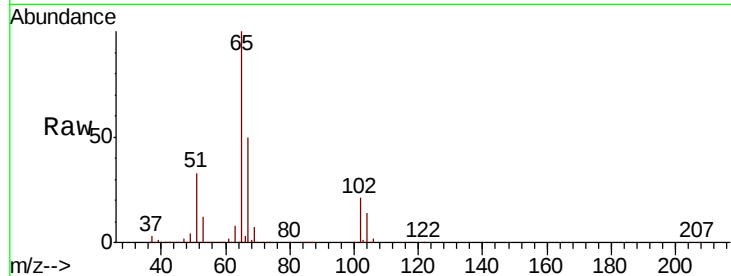
PW-2R

Tot Ion: 65 Resp: 157439

Ion Ratio Lower Upper

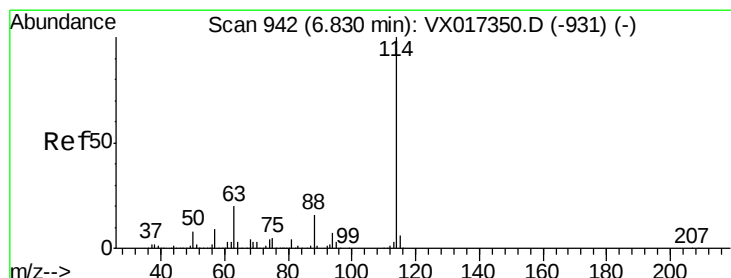
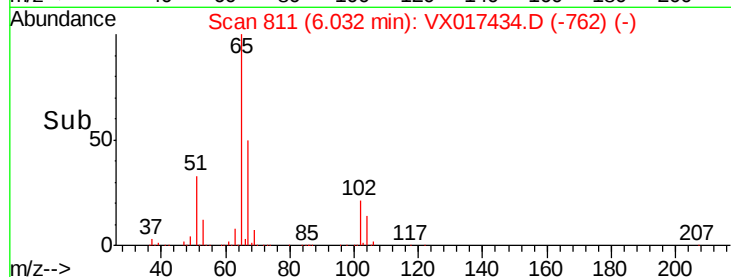
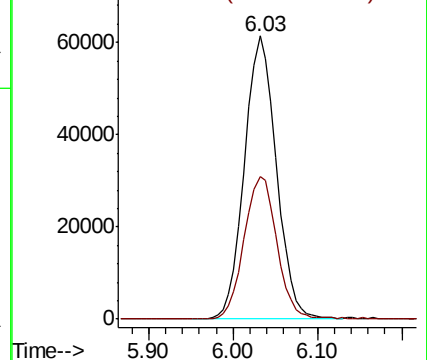
65 100

67 51.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

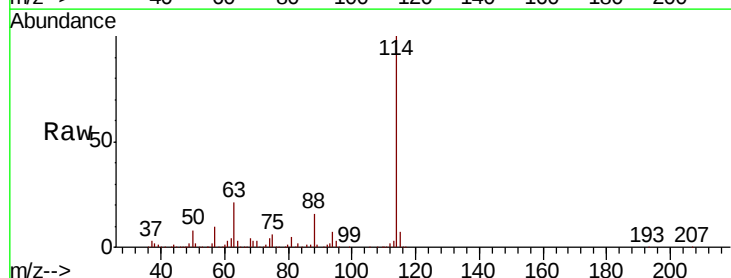
Tgt Ion: 114 Resp: 405575

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

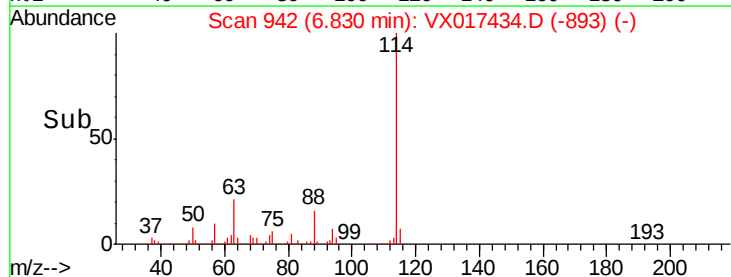
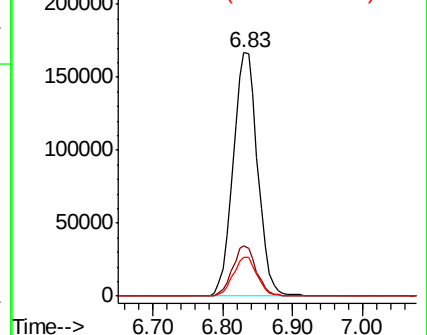
88 16.0 0.0 32.8

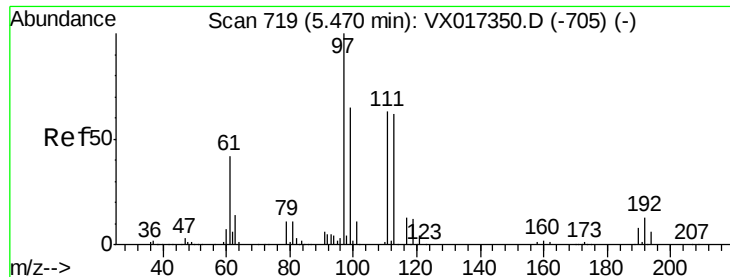


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

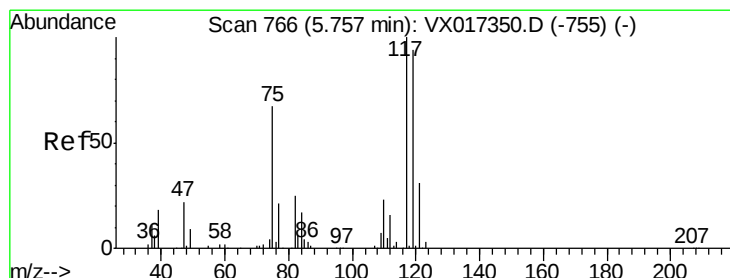
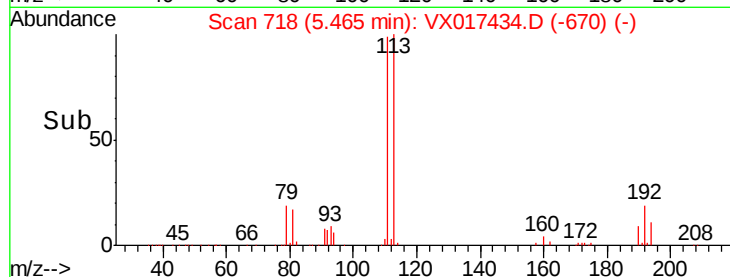
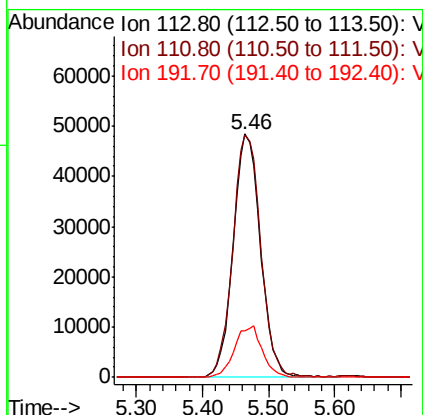
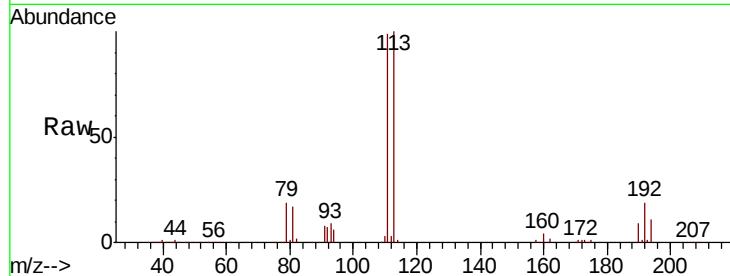




#35
 Dibromofluoromethane
 Concen: 50.772 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017434.D
 Acq: 20 Jul 2020 12:40

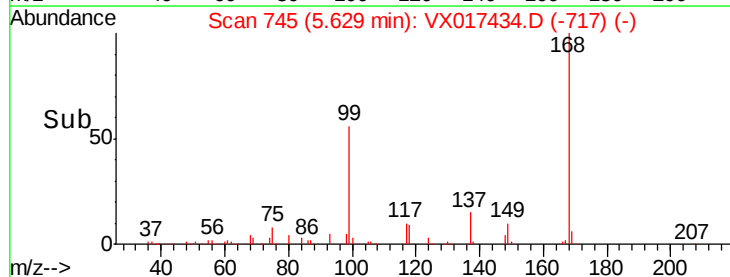
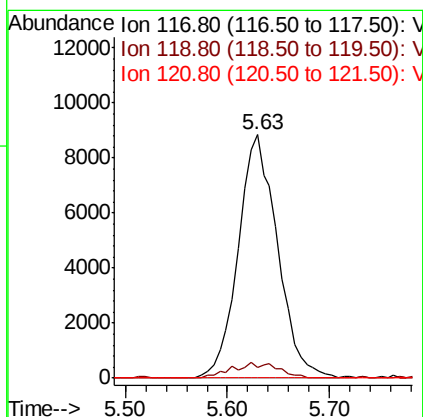
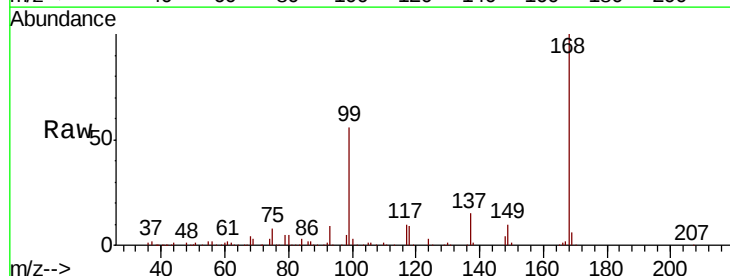
Instrument :
 MSVOA_X
 ClientSampleId :
 PW-2R

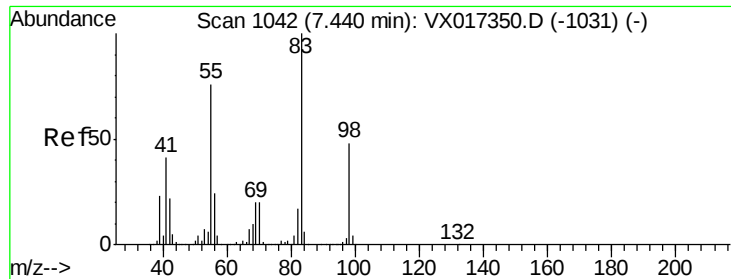
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	21.6	17.2	25.8



#38
 Carbon Tetrachloride
 Concen: 5.414 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX017434.D
 Acq: 20 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	74.7	112.1#
121	0.0	24.5	36.7#

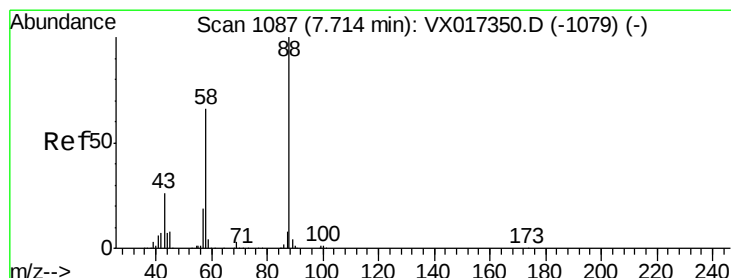
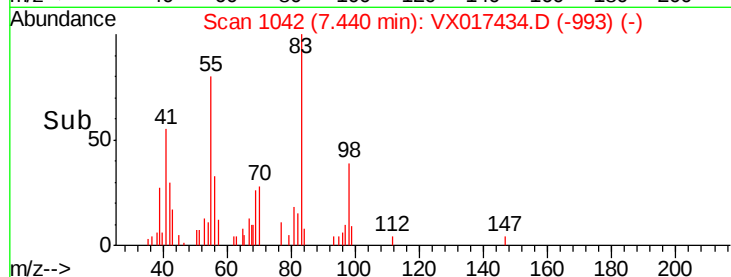
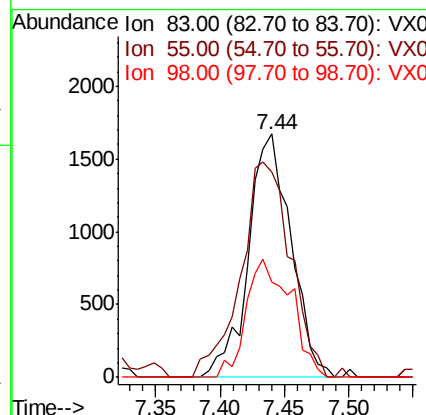
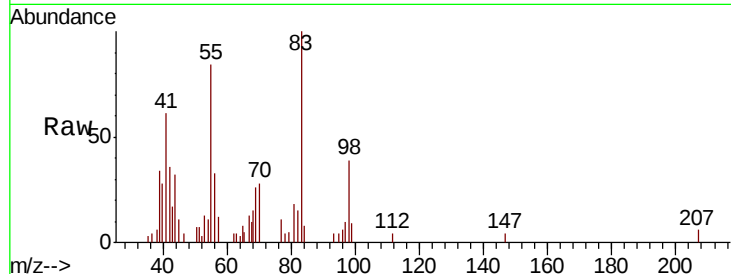




#39
Methvlcvclohexane
Concen: 0.947 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017434.D
Acq: 20 Jul 2020 12:40

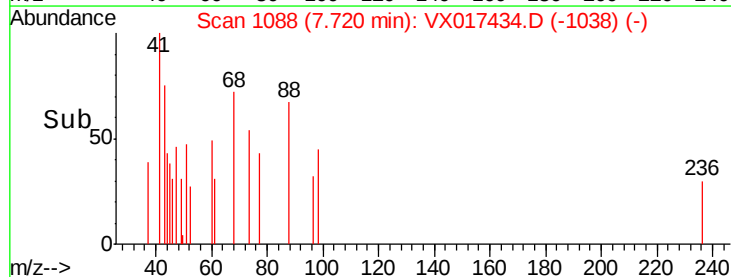
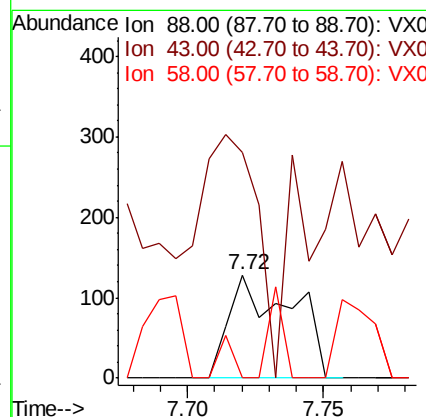
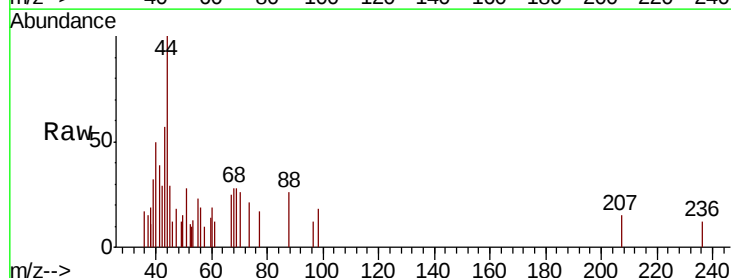
Instrument :
MSVOA_X
ClientSampled :
PW-2R

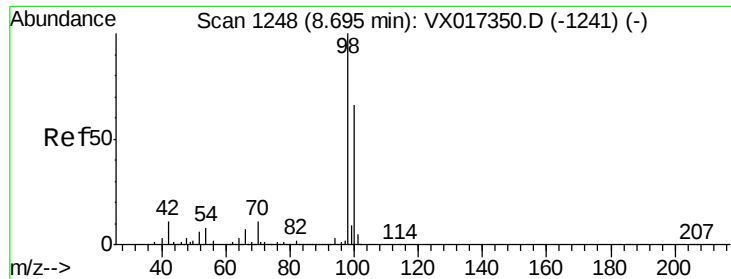
Tot Ion: 83 Resp: 3838
Ion Ratio Lower Upper
83 100
55 84.3 61.2 91.8
98 38.9 38.1 57.1



#49
1,4-Dioxane
Concen: 3.353 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017434.D
Acq: 20 Jul 2020 12:40

Tgt Ion: 88 Resp: 203
Ion Ratio Lower Upper
88 100
43 223.2 25.6 38.4#
58 9.4 53.9 80.9#





#50

Toluene-d8

Concen: 50.777 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

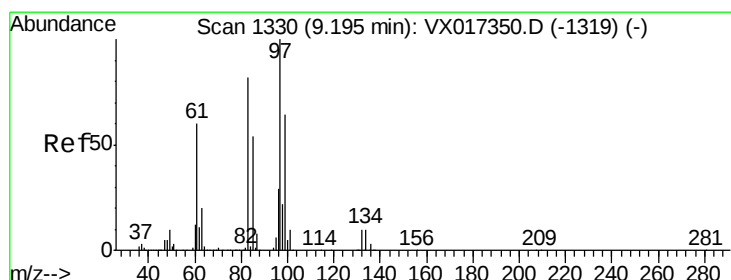
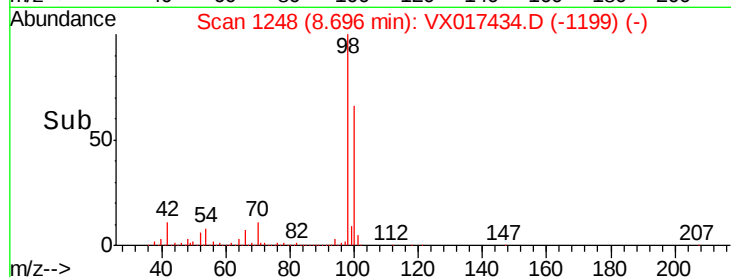
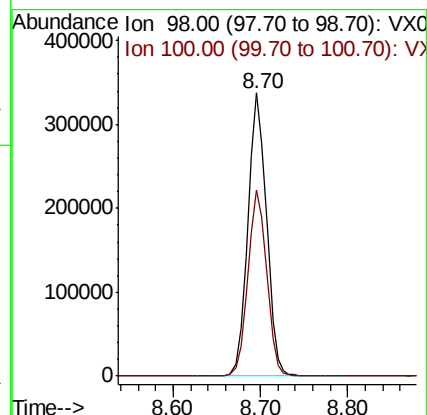
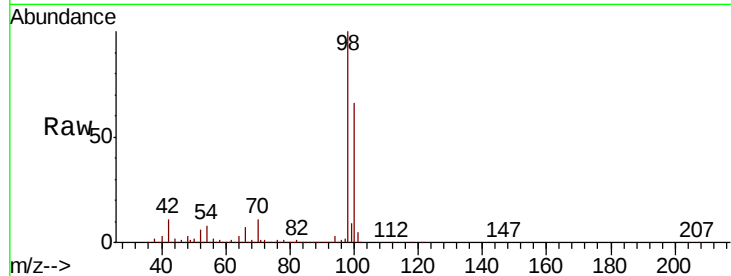
PW-2R

Tot Ion: 98 Resp: 500393

Ion Ratio Lower Upper

98 100

100 66.1 53.4 80.2



#55

1,1,2-Trichloroethane

Concen: 0.774 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Tgt Ion: 97 Resp: 2220

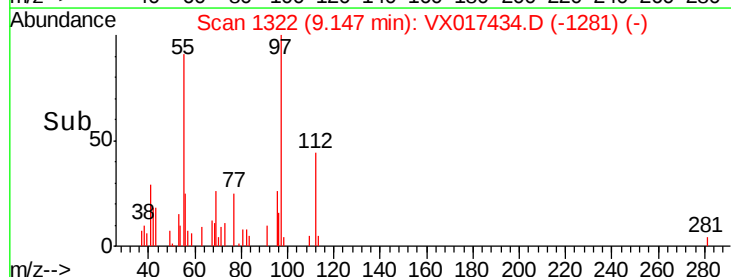
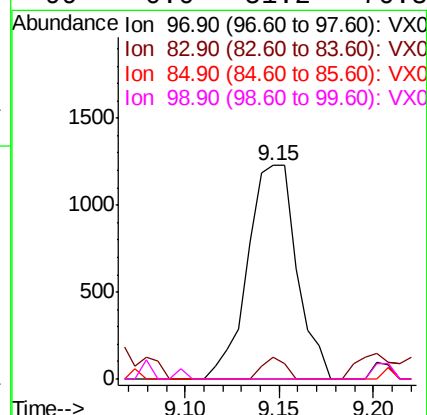
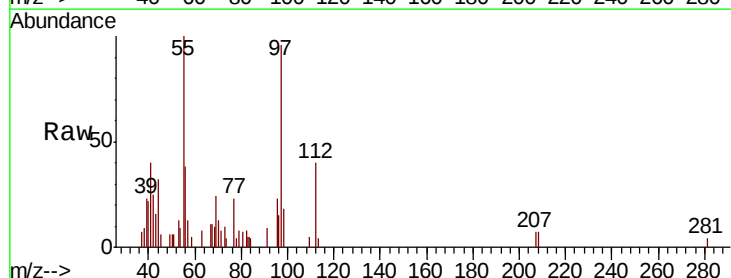
Ion Ratio Lower Upper

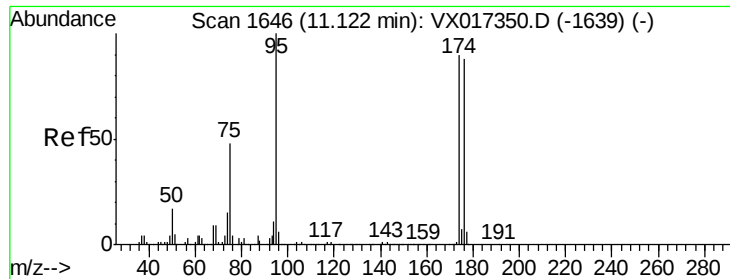
97 100

83 10.3 65.8 98.6#

85 0.0 42.8 64.2#

99 0.0 51.2 76.8#





#62

4-Bromofluorobenzene

Concen: 54.636 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

PW-2R

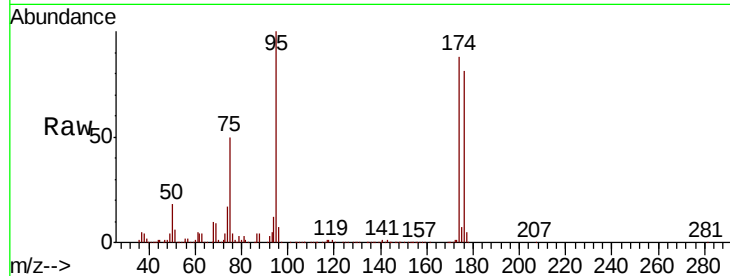
Tot Ion: 95 Resp: 213873

Ion Ratio Lower Upper

95 100

174 84.0 0.0 175.8

176 81.1 0.0 164.6

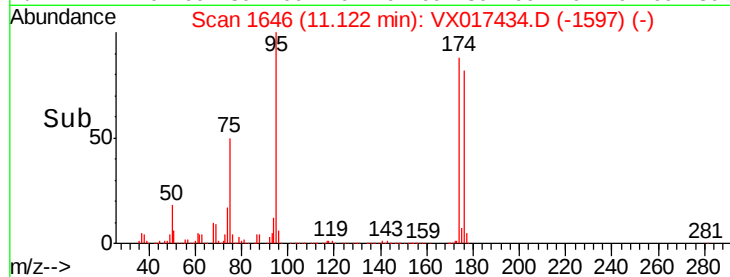


Abundance Ion 94.90 (94.60 to 95.60): VX017350.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017350.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017350.D (-1639) (-)

Time-->

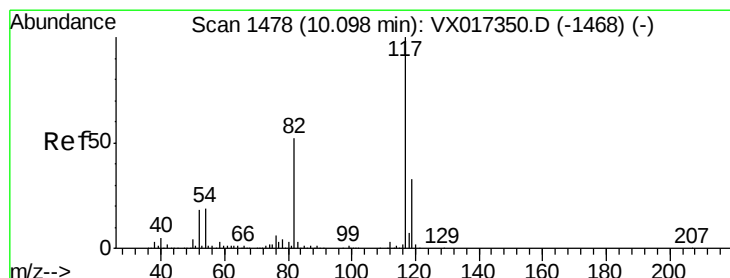


Abundance Ion 94.90 (94.60 to 95.60): VX017434.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX017434.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX017434.D (-1597) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

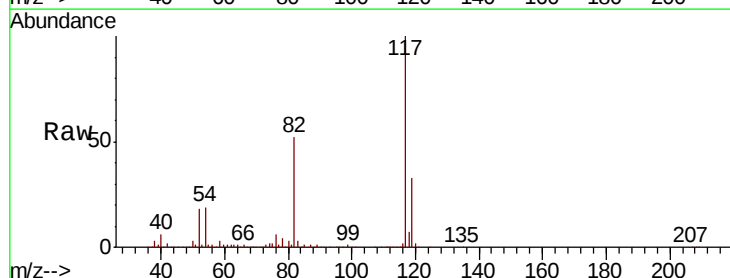
Tgt Ion: 117 Resp: 430999

Ion Ratio Lower Upper

117 100

82 51.8 42.0 63.0

119 32.6 26.3 39.5

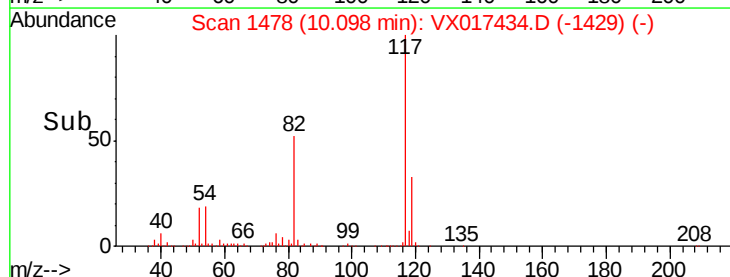


Abundance Ion 116.90 (116.60 to 117.60): VX017350.D (-1468) (-)

Ion 82.00 (81.70 to 82.70): VX017350.D (-1468) (-)

Ion 118.90 (118.60 to 119.60): VX017350.D (-1468) (-)

Time-->

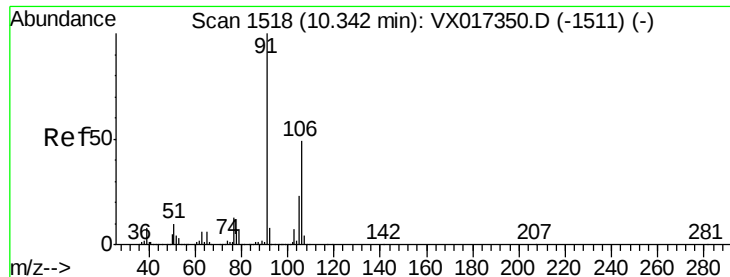


Abundance Ion 116.90 (116.60 to 117.60): VX017434.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX017434.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX017434.D (-1429) (-)

Time-->



#68

m/p-Xylenes

Concen: 0.269 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampled :

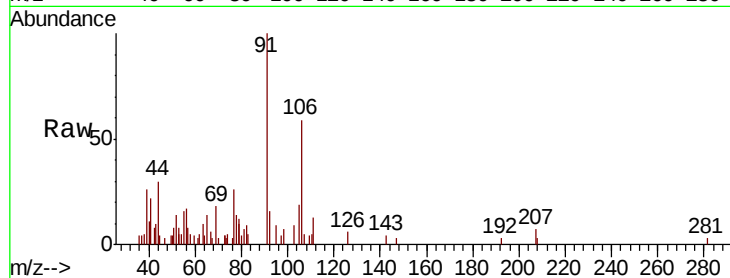
PW-2R

Tot Ion:106 Resp: 1494

Ion Ratio Lower Upper

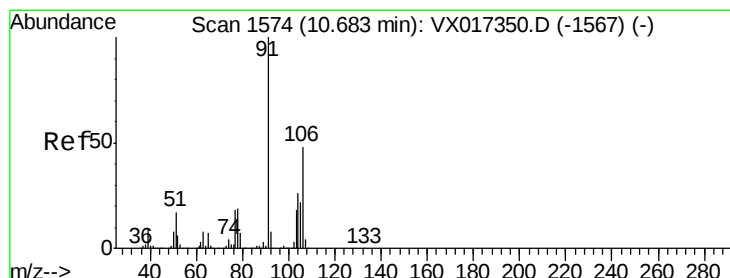
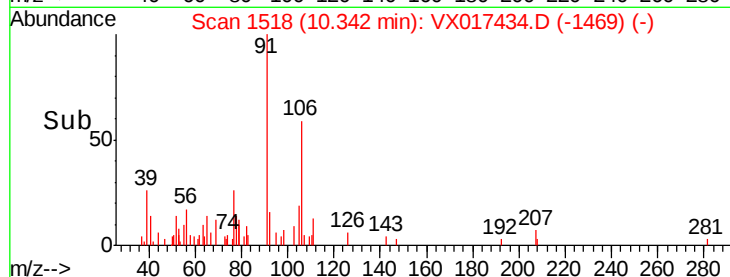
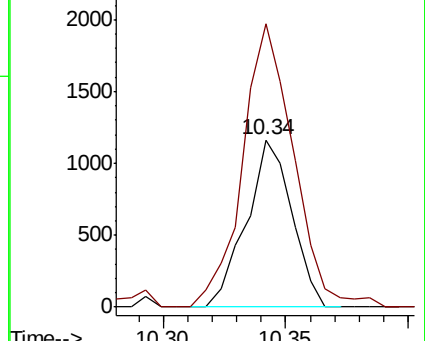
106 100

91 191.4 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.238 ug/l

RT: 10.68 min Scan# 1573

Delta R.T. -0.01 min

Lab File: VX017434.D

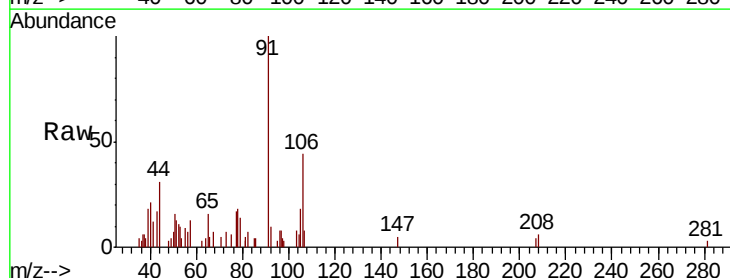
Acq: 20 Jul 2020 12:40

Tgt Ion:106 Resp: 1264

Ion Ratio Lower Upper

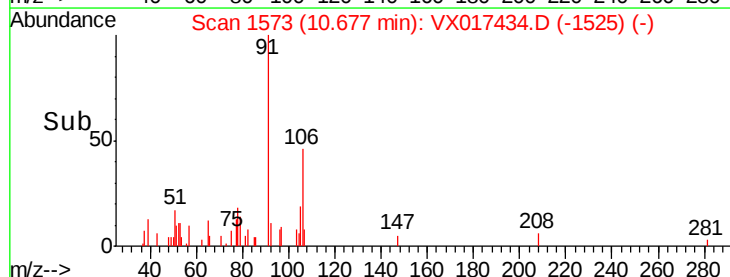
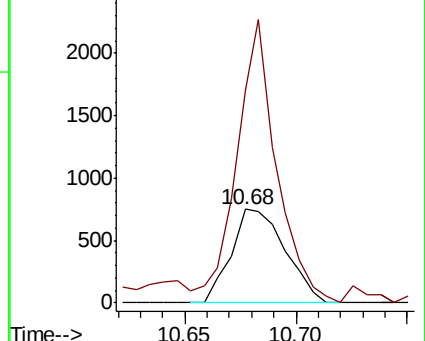
106 100

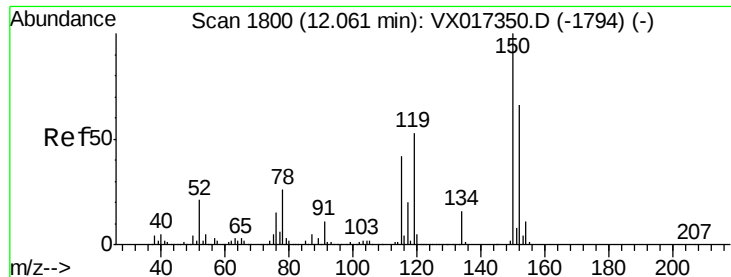
91 223.3 106.1 318.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

PW-2R

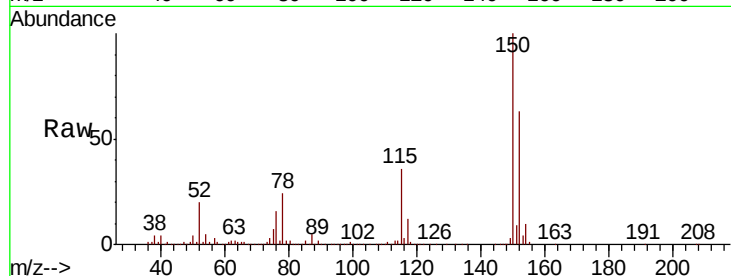
Tot Ion:152 Resp: 238753

Ion Ratio Lower Upper

152 100

115 57.4 39.9 119.7

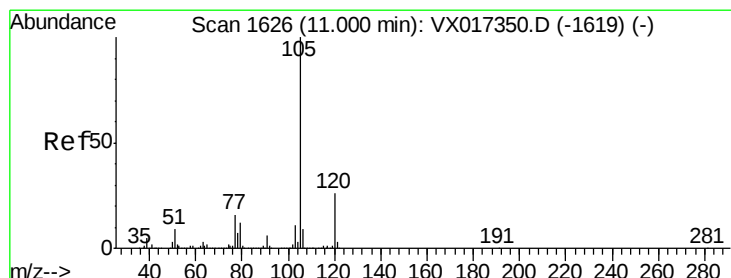
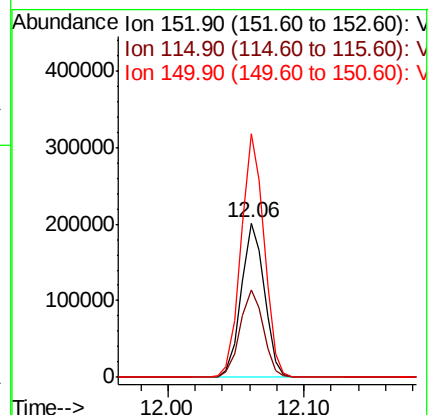
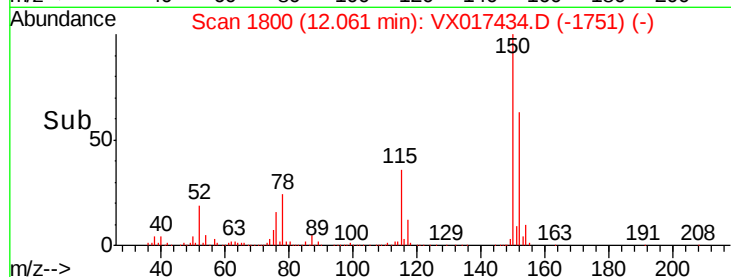
150 156.9 0.0 343.4



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: 0.301 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017434.D

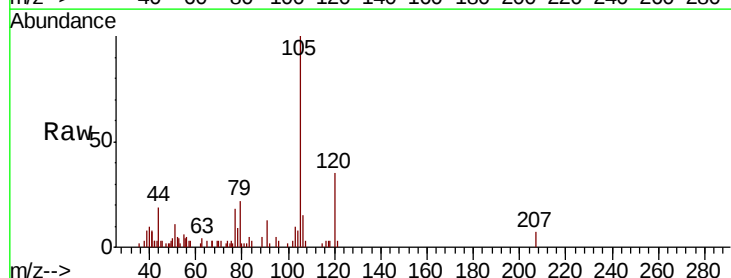
Acq: 20 Jul 2020 12:40

Tgt Ion:105 Resp: 4498

Ion Ratio Lower Upper

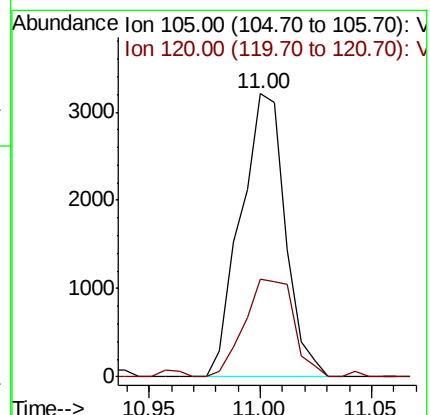
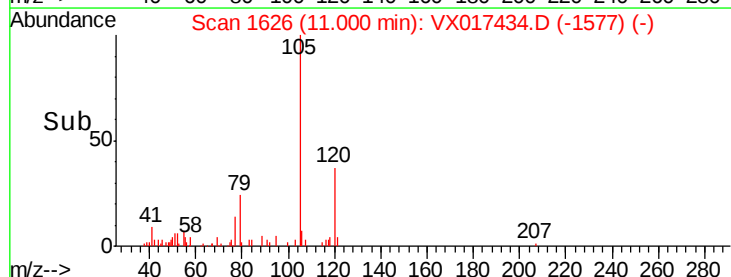
105 100

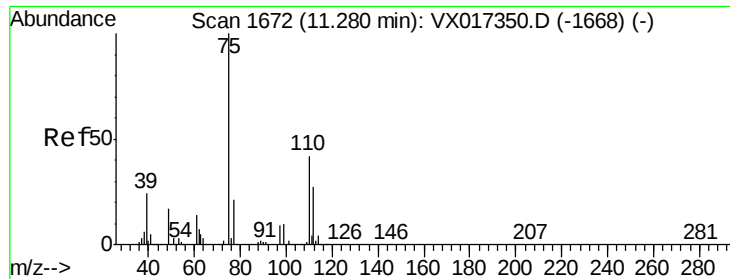
120 38.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

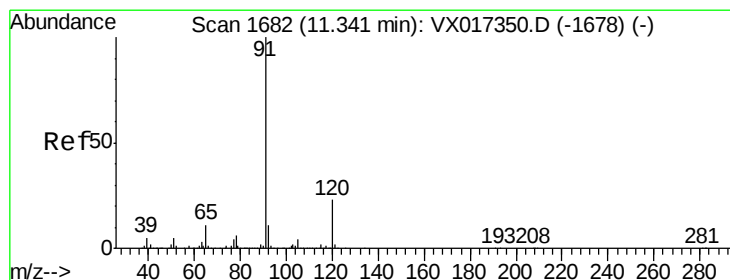
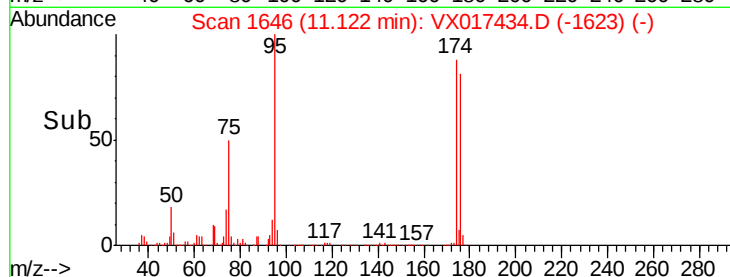
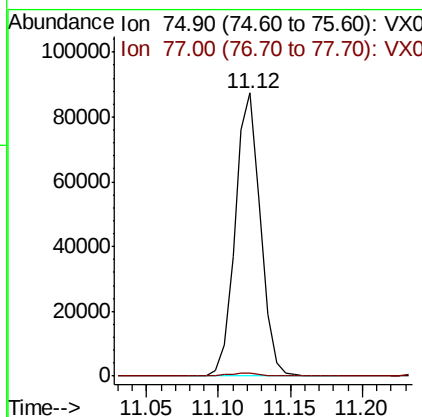
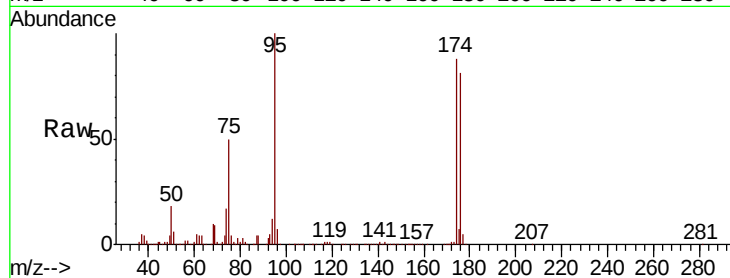




#76
 1,2,3-Trichloropropane
 Concen: 24.170 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX017434.D
 Acq: 20 Jul 2020 12:40

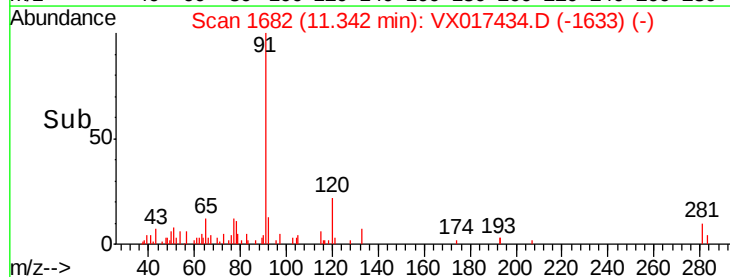
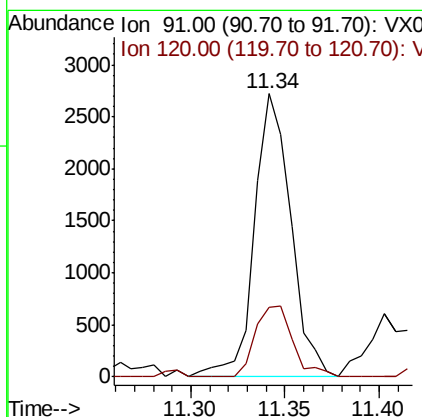
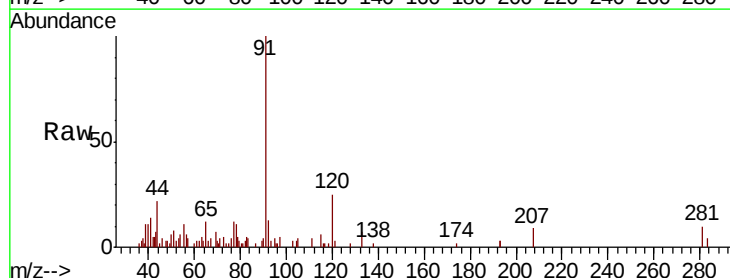
Instrument :
 MSVOA_X
 ClientSampleId :
 PW-2R

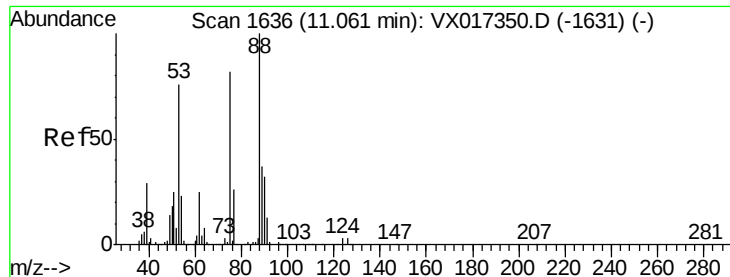
Tot Ion: 75 Resp: 106631
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.3 60.9#



#78
 n-propylbenzene
 Concen: 0.218 ug/l
 RT: 11.34 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: VX017434.D
 Acq: 20 Jul 2020 12:40

Tgt Ion: 91 Resp: 3656
 Ion Ratio Lower Upper
 91 100
 120 25.7 11.9 35.9





#81

trans-1,4-Dichloro-2-butene

Concen: 61.313 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

PW-2R

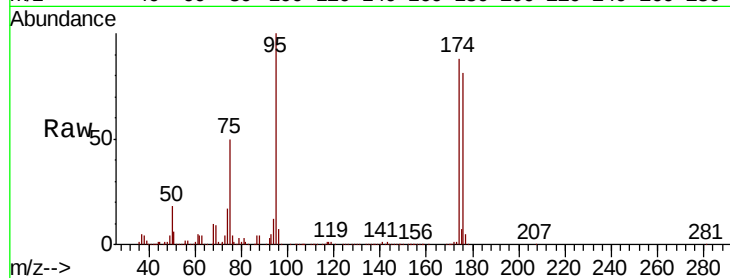
Tot Ion: 75 Resp: 106631

Ion Ratio Lower Upper

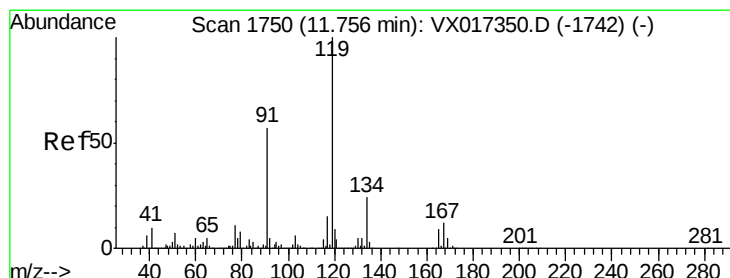
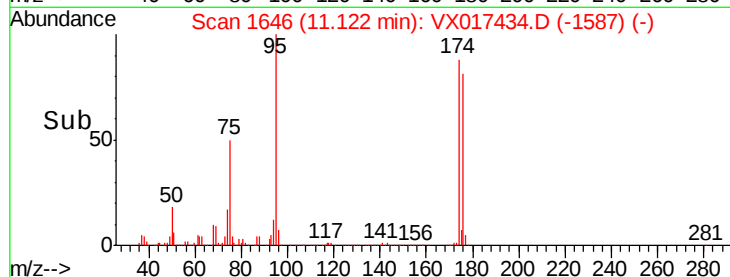
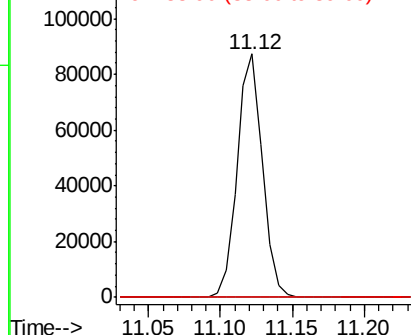
75 100

53 0.4 76.5 114.7#

89 0.1 38.1 57.1#



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



#83

tert-Butylbenzene

Concen: 0.373 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

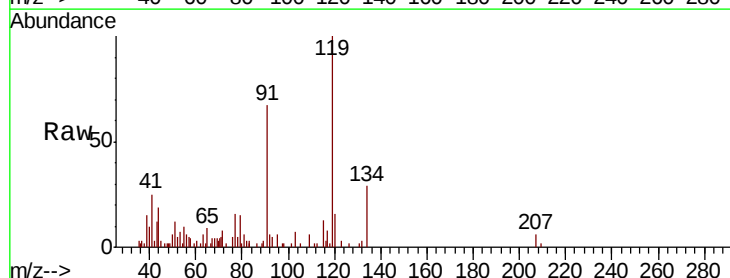
Tgt Ion: 119 Resp: 4582

Ion Ratio Lower Upper

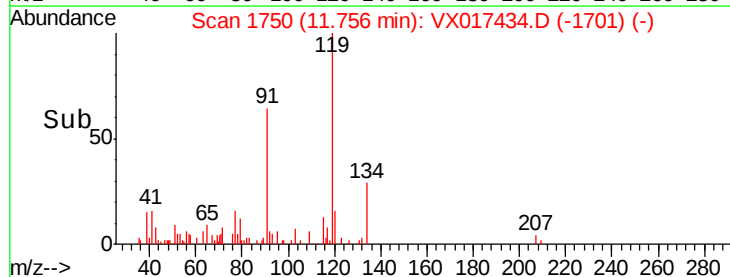
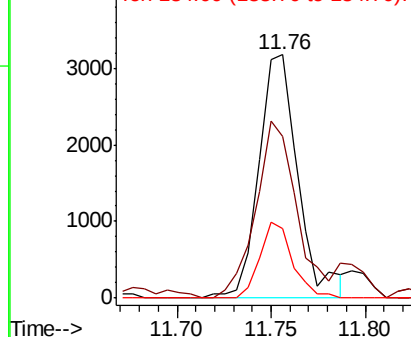
119 100

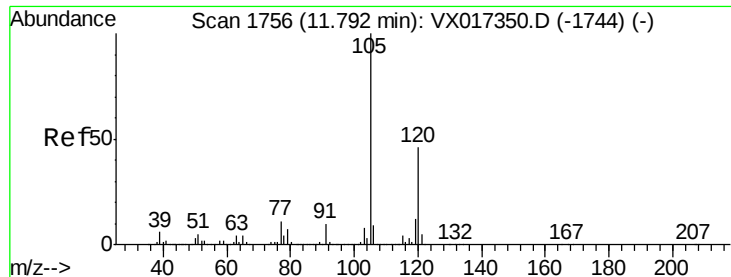
91 75.5 28.5 85.6

134 26.1 11.9 35.9



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

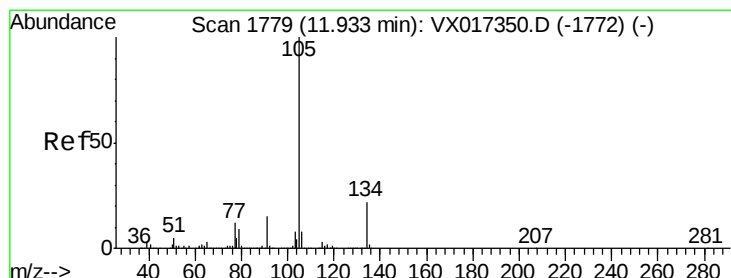
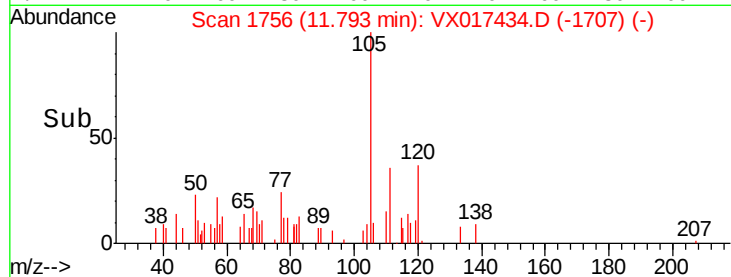
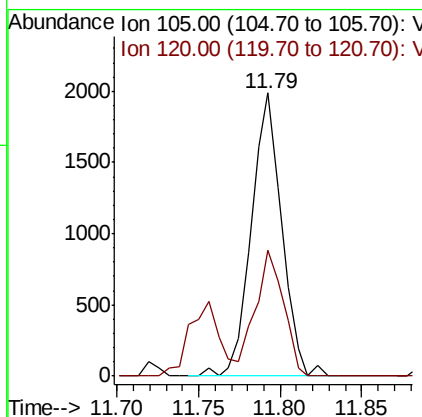
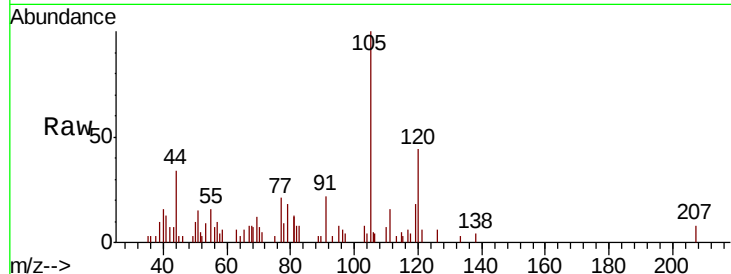




#84
 1,2,4-Trimethylbenzene
 Concen: 0.201 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017434.D
 Acq: 20 Jul 2020 12:40

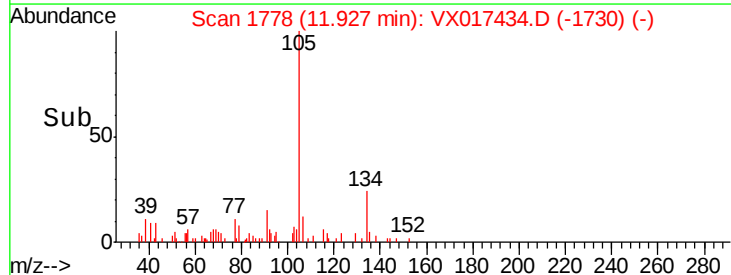
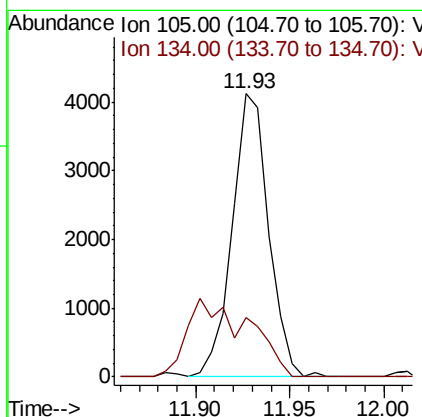
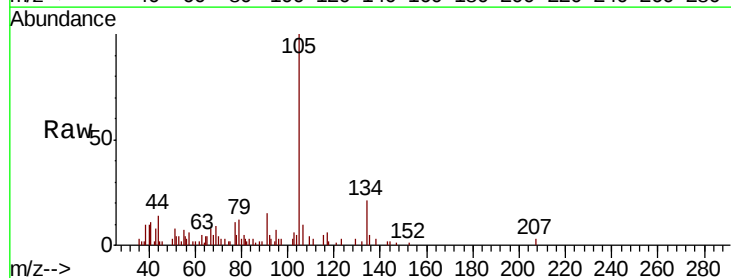
Instrument :
 MSVOA_X
 ClientSampleId :
 PW-2R

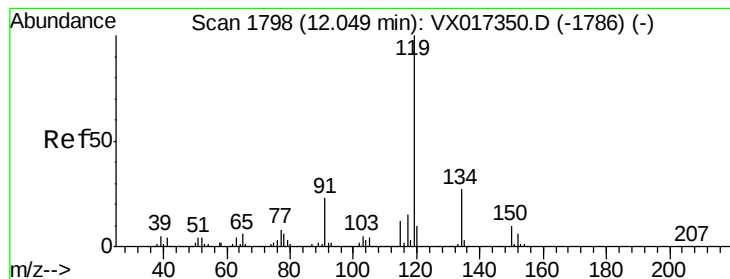
Tot Ion:105 Resp: 2586
 Ion Ratio Lower Upper
 105 100
 120 40.7 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 0.384 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017434.D
 Acq: 20 Jul 2020 12:40

Tgt Ion:105 Resp: 5518
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.5#





#86

p-Isopropyltoluene

Concen: 0.599 ug/l

RT: 12.21 min Scan# 1825

Delta R.T. 0.16 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

PW-2R

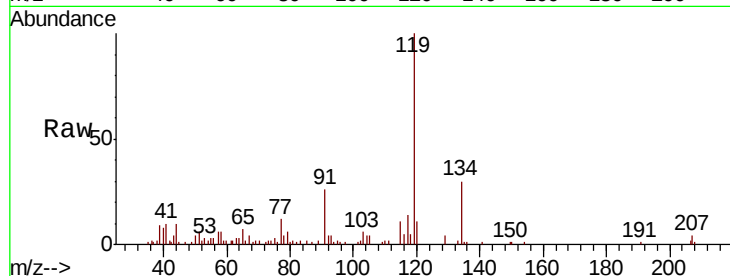
Tot Ion:119 Resp: 8147

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.5

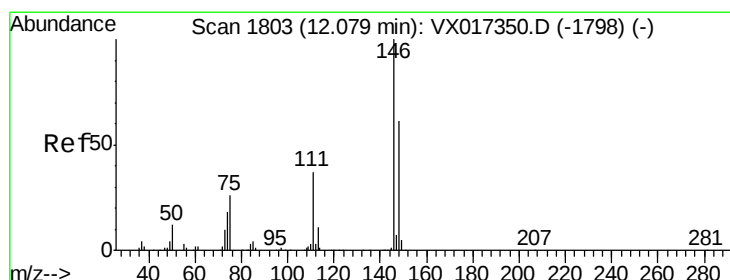
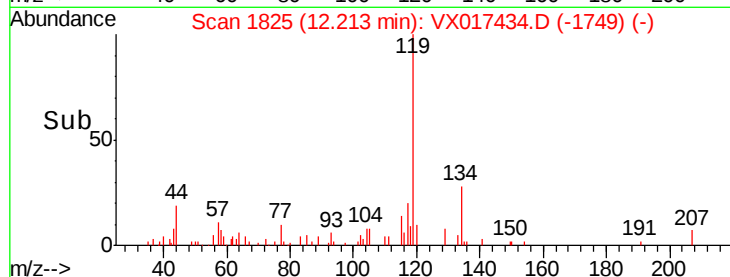
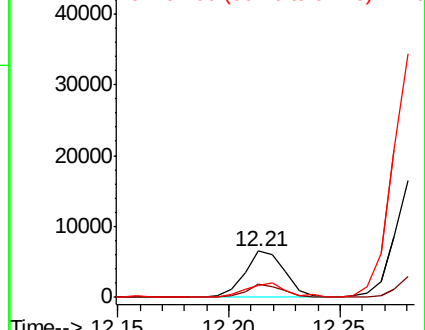
91 28.0 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#88

1,4-Dichlorobenzene

Concen: 0.210 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

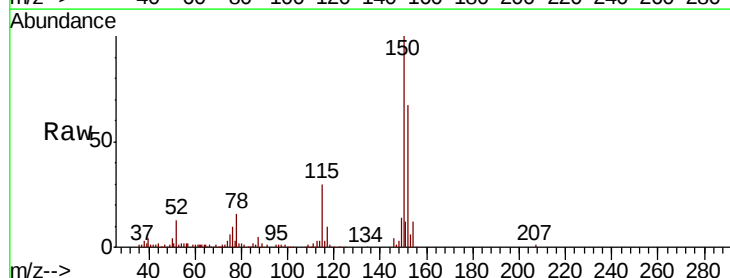
Tgt Ion:146 Resp: 1620

Ion Ratio Lower Upper

146 100

111 230.9 18.9 56.9#

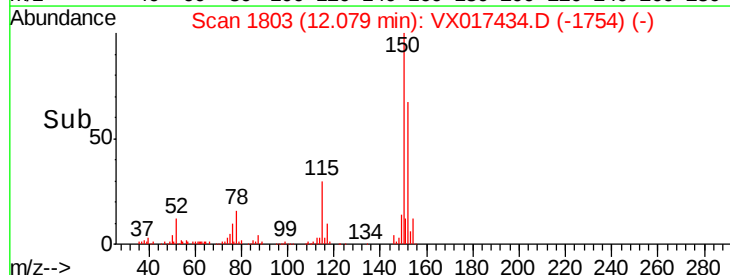
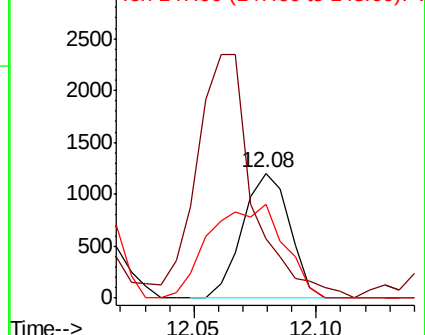
148 117.5 31.9 95.9#

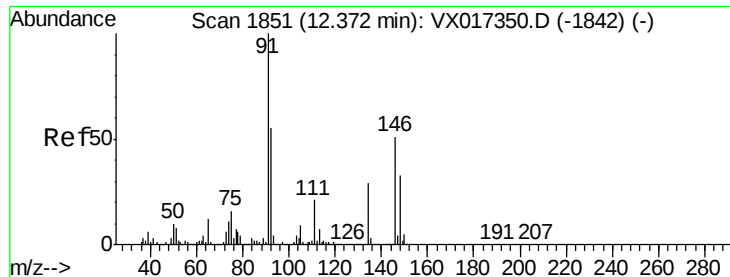


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

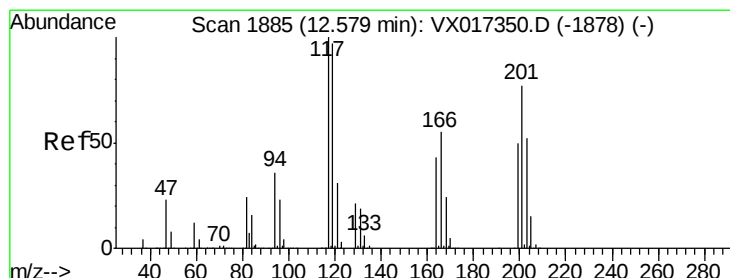
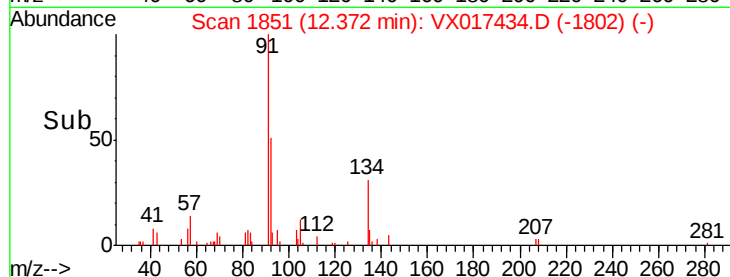
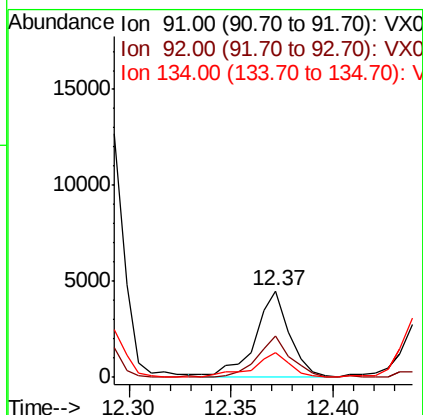
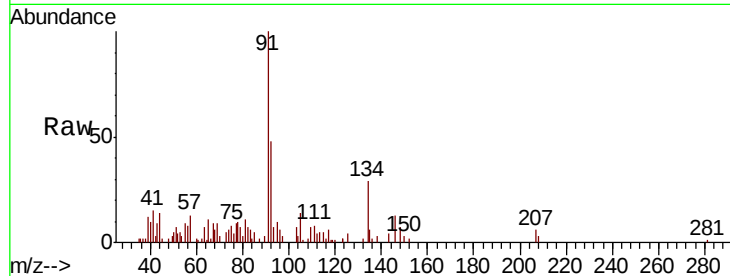




#89
n-Butylbenzene
Concen: 0.441 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017434.D
Acq: 20 Jul 2020 12:40

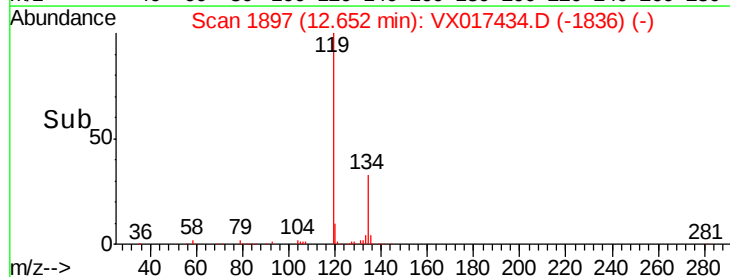
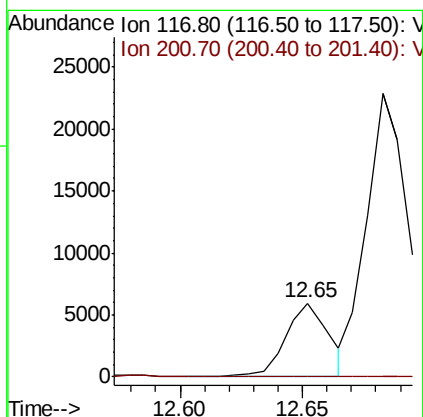
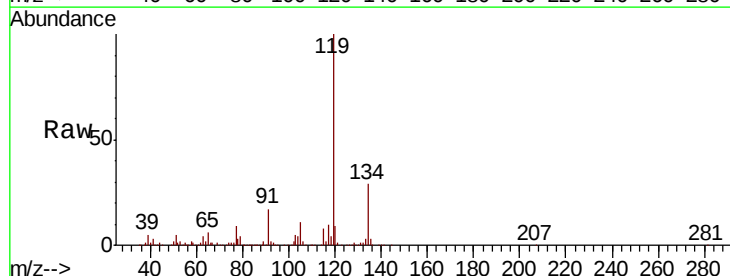
Instrument :
MSVOA_X
ClientSampleId :
PW-2R

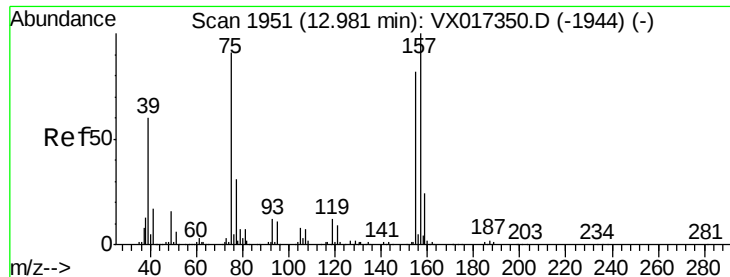
Tot Ion: 91 Resp: 5120
Ion Ratio Lower Upper
91 100
92 47.5 27.0 81.0
134 31.8 14.1 42.2



#90
Hexachloroethane
Concen: 2.808 ug/l
RT: 12.65 min Scan# 1897
Delta R.T. 0.07 min
Lab File: VX017434.D
Acq: 20 Jul 2020 12:40

Tgt Ion: 117 Resp: 7253
Ion Ratio Lower Upper
117 100
201 0.3 41.0 123.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.685 ug/l

RT: 12.96 min Scan# 1947

Delta R.T. -0.02 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

PW-2R

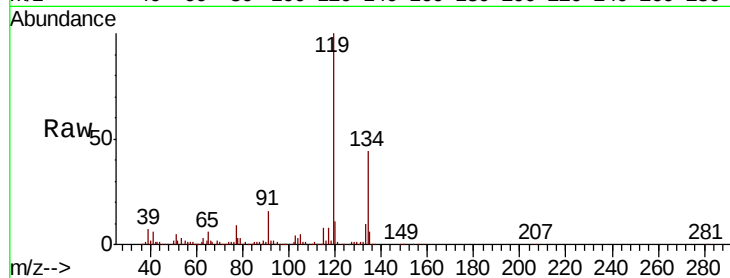
Tot Ion: 75 Resp: 821

Ion Ratio Lower Upper

75 100

155 0.0 46.5 139.3#

157 0.0 58.0 173.9#



Abundance Ion 74.90 (74.60 to 75.60): VX017350.D (-1944) (-)

Ion 154.80 (154.50 to 155.50): VX017350.D (-1944) (-)

Ion 156.80 (156.50 to 157.50): VX017350.D (-1944) (-)

12.96

600

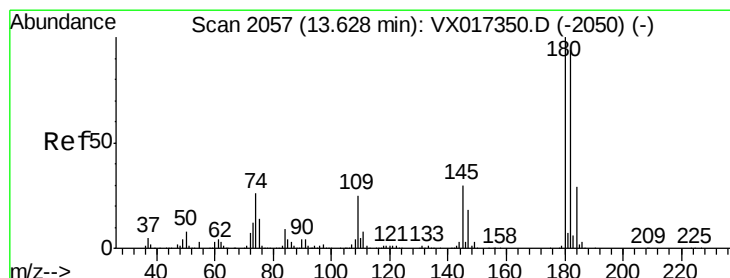
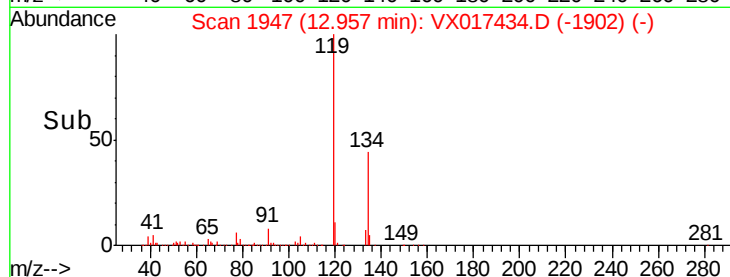
400

200

0

12.90 12.95 13.00

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 0.416 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

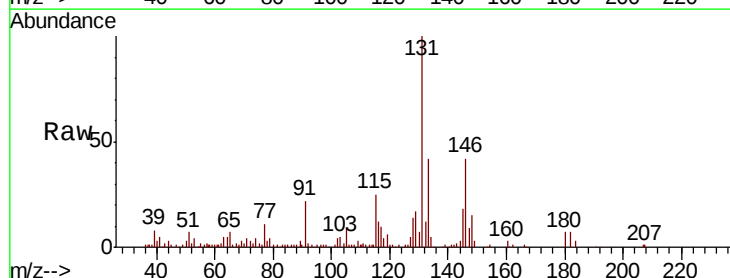
Tgt Ion: 180 Resp: 2070

Ion Ratio Lower Upper

180 100

182 98.3 48.4 145.0

145 269.9 15.3 45.8#



Abundance Ion 179.80 (179.50 to 180.50): VX017350.D (-2050) (-)

Ion 181.80 (181.50 to 182.50): VX017350.D (-2050) (-)

Ion 144.80 (144.50 to 145.50): VX017350.D (-2050) (-)

13.63

6000

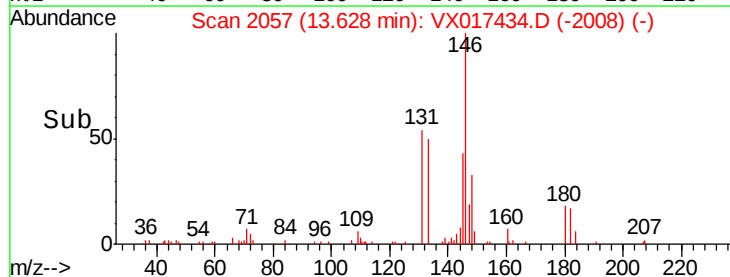
4000

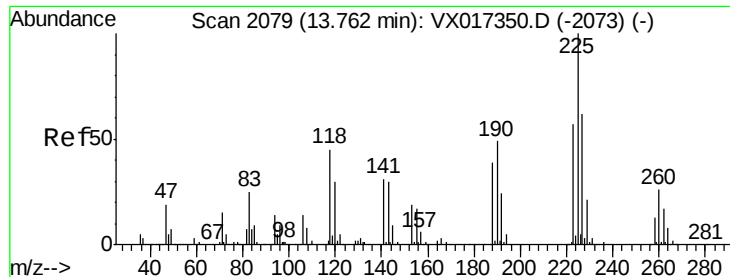
2000

0

13.60 13.65

Time-->





#94

Hexachlorobutadiene

Concen: 0.668 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

PW-2R

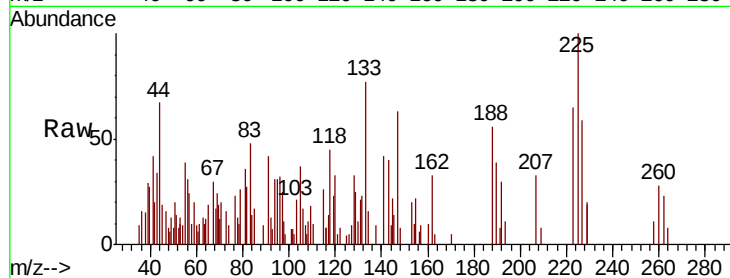
Tot Ion:225 Resp: 1355

Ion Ratio Lower Upper

225 100

223 88.6 31.3 93.8

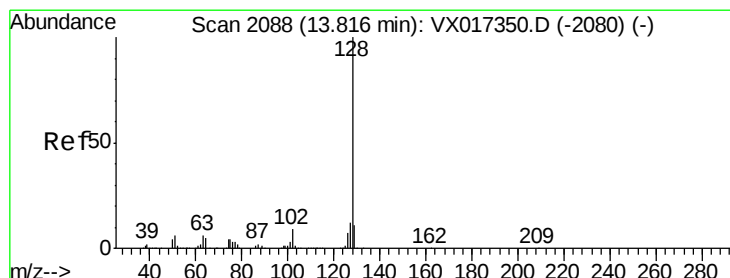
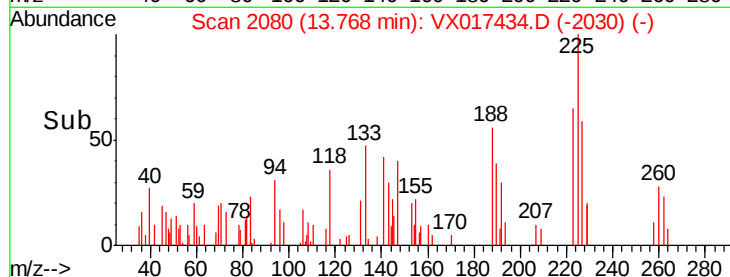
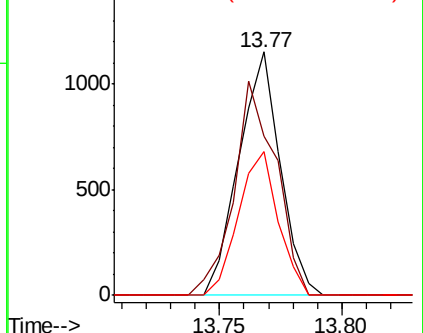
227 56.8 31.6 95.0



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



#95

Naphthalene

Concen: 3.944 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

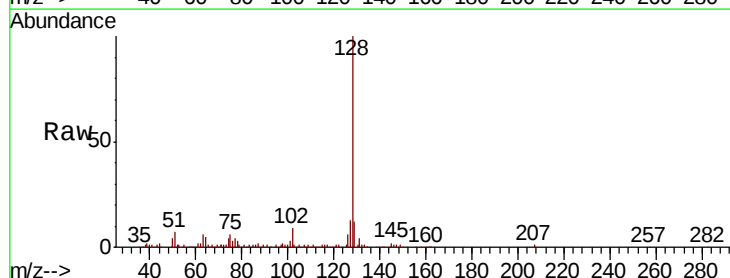
Tgt Ion:128 Resp: 57681

Ion Ratio Lower Upper

128 100

127 14.9 10.2 15.4

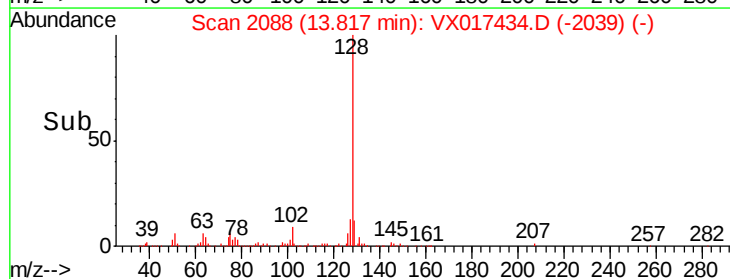
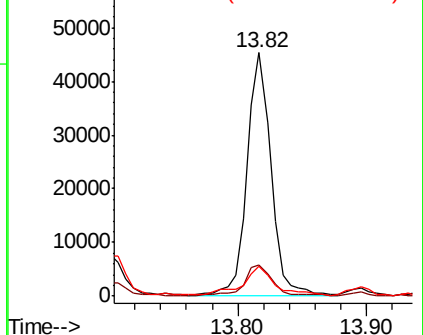
129 15.4 8.9 13.3#

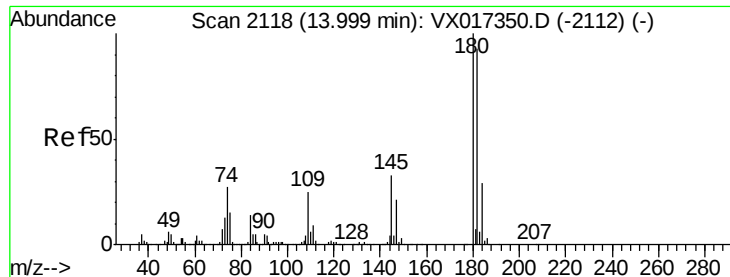


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.445 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017434.D

Acq: 20 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

PW-2R

Tot Ion:180 Resp: 2137

Ion Ratio Lower Upper

180 100

182 89.6 48.8 146.3

145 471.2 16.6 49.7#

