

Data File : VW011159.D
Acq On : 08 Jul 2019 12:28
Operator : SY/VA
Sample : VSTDIC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Quant Time: Jul 09 05:50:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 05:44:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169177	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	295231	98.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.08%	
35) Dibromofluoromethane	7.88	113	232632	99.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.28%	
50) Toluene-d8	10.32	98	949191	100.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.16%	
62) 4-Bromofluorobenzene	12.62	95	345509	99.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	165143	92.395	ug/l	100
3) Chloromethane	2.21	50	214988	93.347	ug/l	99
4) Vinyl Chloride	2.36	62	281094	93.249	ug/l	97
5) Bromomethane	2.76	94	142003	93.748	ug/l	96
6) Chloroethane	2.91	64	158249	97.465	ug/l	100
7) Trichlorofluoromethane	3.25	101	106406	99.363	ug/l	100
8) Diethyl Ether	3.67	74	148826	100.441	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	244368	95.267	ug/l	100
10) Methyl Iodide	4.27	142	351245	99.561	ug/l	99
11) Tert butyl alcohol	5.17	59	110286	494.667	ug/l	98
12) 1,1-Dichloroethene	4.04	96	264569	99.375	ug/l	95
13) Acrolein	3.89	56	93764	528.149	ug/l	97
14) Allyl chloride	4.66	41	468573	96.517	ug/l	99
15) Acrylonitrile	5.35	53	381090	505.005	ug/l	99
16) Acetone	4.11	43	351045	484.492	ug/l	100
17) Carbon Disulfide	4.38	76	802353	99.408	ug/l	99
18) Methyl Acetate	4.66	43	204555	90.274	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	399103	98.798	ug/l	98
20) Methylene Chloride	4.91	84	274965	96.197	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	276586	99.981	ug/l	97
22) Diisopropyl ether	6.31	45	1040547	99.651	ug/l	98
23) Vinyl Acetate	6.24	43	3499914	541.600	ug/l	100
24) 1,1-Dichloroethane	6.21	63	549701	100.252	ug/l	100
25) 2-Butanone	7.17	43	593689	521.983	ug/l	98
26) 2,2-Dichloropropane	7.16	77	274131	96.179	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	301028	100.876	ug/l	100
28) Bromochloromethane	7.51	49	248497	99.670	ug/l	99
29) Tetrahydrofuran	7.52	42	383409	514.101	ug/l	99
30) Chloroform	7.67	83	494855	97.451	ug/l	99
31) Cyclohexane	7.95	56	542036	92.921	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	378416	97.965	ug/l	100
36) 1,1-Dichloropropene	8.08	75	413592	98.659	ug/l	100
37) Ethyl Acetate	7.24	43	253767	100.751	ug/l	100
38) Carbon Tetrachloride	8.07	117	358551	100.892	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	507813	99.941	ug/l	99
40) Benzene	8.32	78	1147965	99.086	ug/l	100
41) Methacrylonitrile	7.48	41	167023	115.943	ug/l	90
42) 1,2-Dichloroethane	8.40	62	374949	99.766	ug/l	100
43) Isopropyl Acetate	8.42	43	499137	104.962	ug/l	100
44) Trichloroethene	9.09	130	278719	99.973	ug/l	100
45) 1,2-Dichloropropane	9.37	63	315643	100.609	ug/l	100
46) Dibromomethane	9.46	93	149407	101.379	ug/l	99
47) Bromodichloromethane	9.64	83	387566	102.779	ug/l	99
48) Methyl methacrylate	9.43	41	245766	107.424	ug/l	99
49) 1,4-Dioxane	9.45	88	50625	2057.964	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1301472	523.923	ug/l	100
52) Toluene	10.38	92	711441	101.231	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	424933	105.867	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	494485	104.664	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	213811	102.265	ug/l	98
56) Ethyl methacrylate	10.65	69	342974	107.747	ug/l	99
57) 1,3-Dichloropropane	10.93	76	402424	101.786	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	806934	546.816	ug/l	99
59) 2-Hexanone	10.97	43	917373	532.515	ug/l	100
60) Dibromochloromethane	11.13	129	241277	105.239	ug/l	100
61) 1,2-Dibromoethane	11.23	107	203337	102.673	ug/l	100
64) Tetrachloroethene	10.86	164	226772	94.886	ug/l	98
65) Chlorobenzene	11.66	112	717741	99.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	256738	101.259	ug/l	99
67) Ethyl Benzene	11.73	91	1374266	99.692	ug/l	98
68) m/p-Xylenes	11.84	106	990624	198.600	ug/l	100
69) o-Xylene	12.16	106	472493	100.502	ug/l	99
70) Styrene	12.18	104	830779	102.393	ug/l	99
71) Bromoform	12.35	173	140759	104.416	ug/l #	99
73) Isopropylbenzene	12.46	105	1270145	100.434	ug/l	99
74) N-amyl acetate	12.27	43	467990	106.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	262273	101.171	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	355291	181.238	ug/l #	100
77) Bromobenzene	12.75	156	285904	100.737	ug/l	100
78) n-propylbenzene	12.80	91	1546815	99.289	ug/l	99
79) 2-Chlorotoluene	12.89	91	893008	99.612	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1071083	99.692	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	95111	110.034	ug/l	95
82) 4-Chlorotoluene	12.99	91	919440	98.468	ug/l	100
83) tert-Butylbenzene	13.21	119	893944	99.766	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1079397	100.054	ug/l	100
85) sec-Butylbenzene	13.38	105	1275571	98.657	ug/l	100
86) p-Isopropyltoluene	13.50	119	1161624	100.169	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	541677	99.198	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	536982	97.657	ug/l	99
89) n-Butylbenzene	13.82	91	1152632	99.636	ug/l	99
90) Hexachloroethane	14.09	117	212478	100.267	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	488242	98.557	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	47332	102.934	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070819\
Quantitation Report (Not Reviewed)

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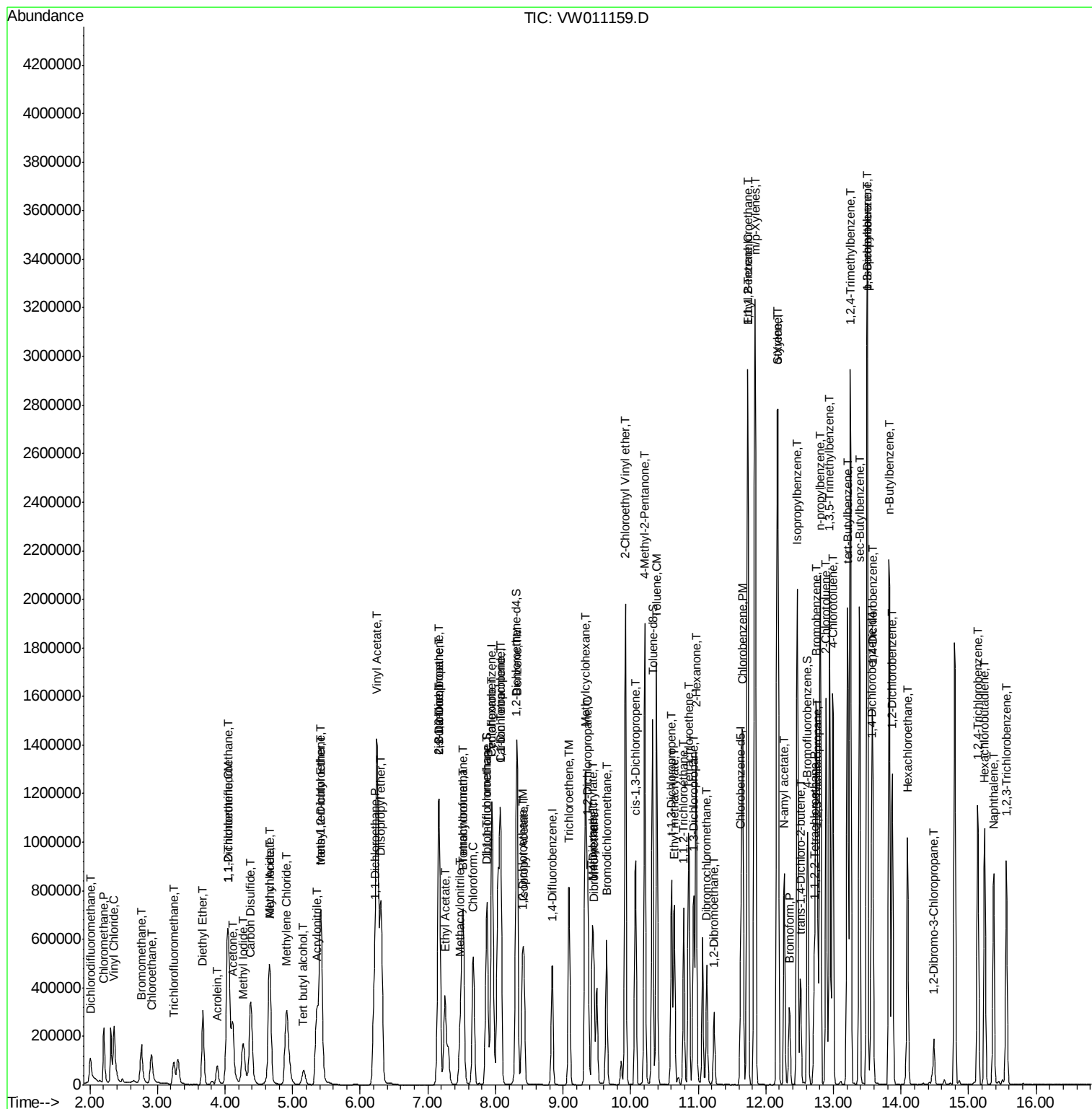
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	348561	102.154	ug/l	98
94) Hexachlorobutadiene	15.24	225	203659	97.220	ug/l	99
95) Naphthalene	15.37	128	713980	109.195	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	309156	102.663	ug/l	100

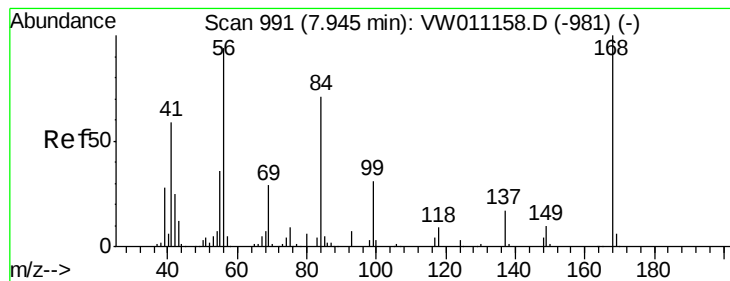
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

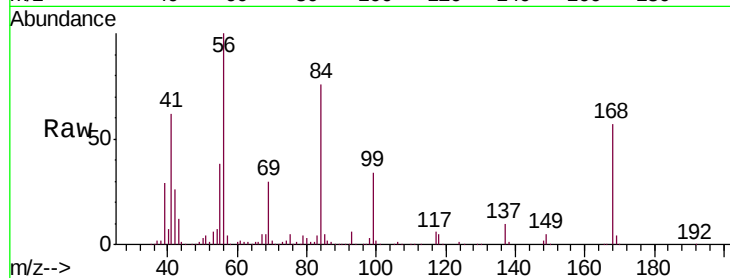
VSTDIC100

Tgt Ion:168 Resp: 239654

Ion Ratio Lower Upper

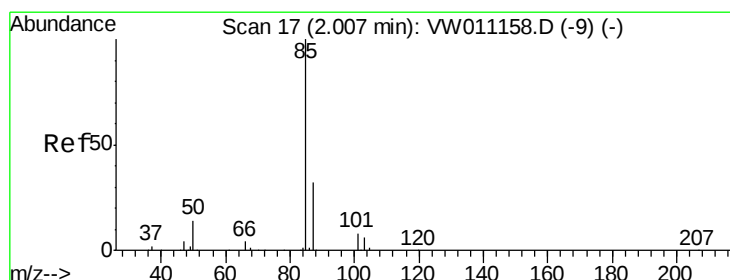
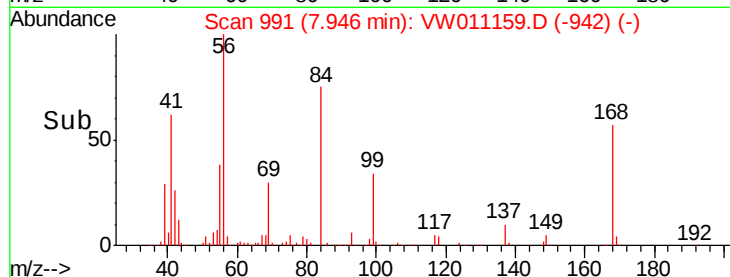
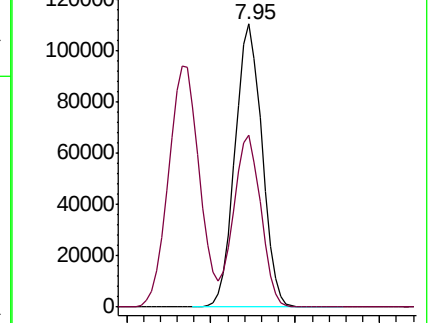
168 100

99 60.6 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 92.395 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011159.D

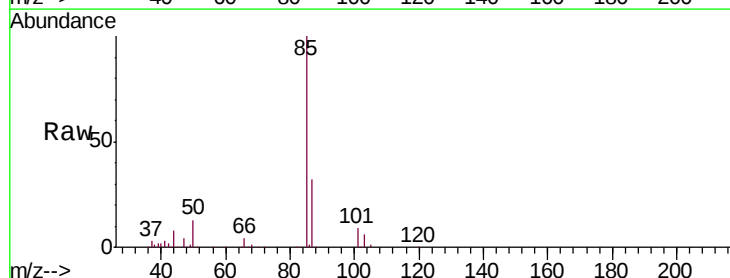
Acq: 08 Jul 2019 12:28

Tgt Ion: 85 Resp: 165143

Ion Ratio Lower Upper

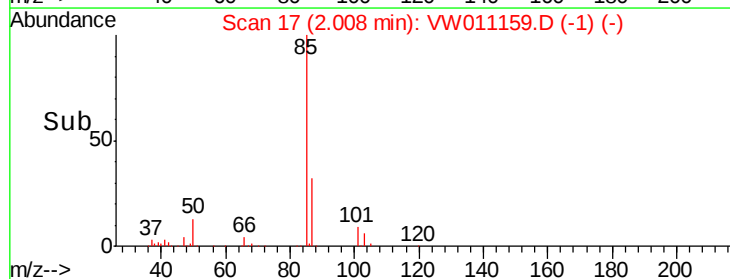
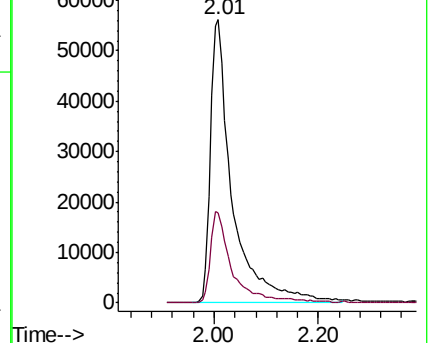
85 100

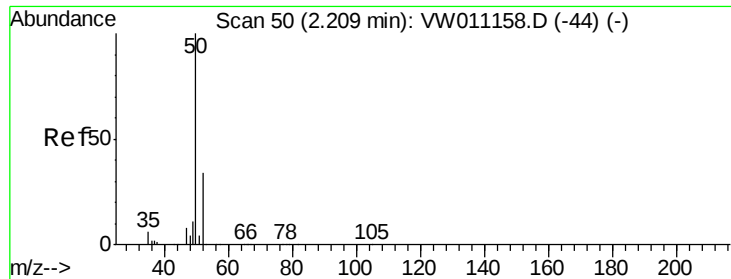
87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 93.347 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

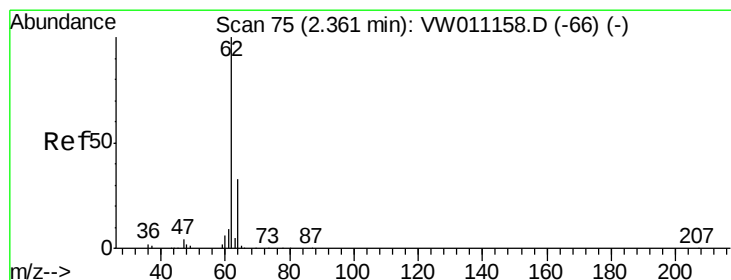
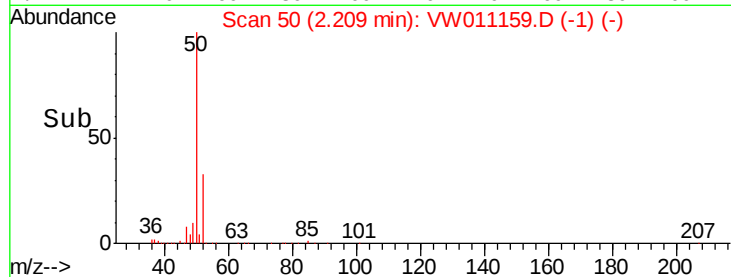
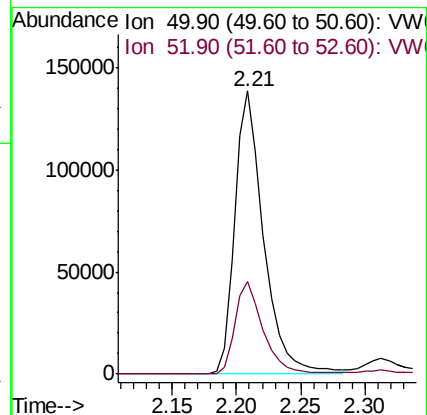
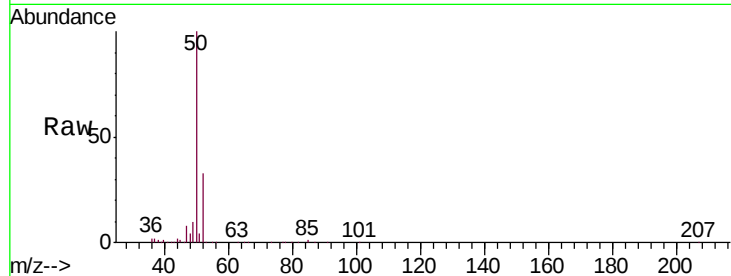
VSTDIC100

Tgt Ion: 50 Resp: 214988

Ion Ratio Lower Upper

50 100

52 32.9 26.9 40.3



#4

Vinyl Chloride

Concen: 93.249 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011159.D

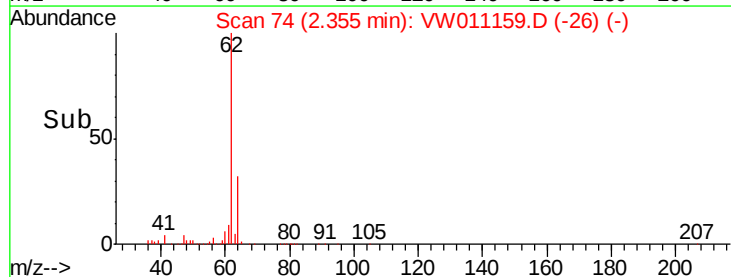
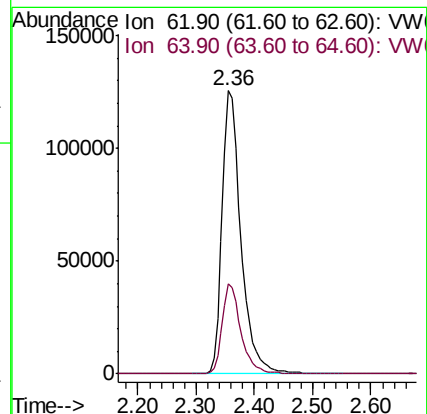
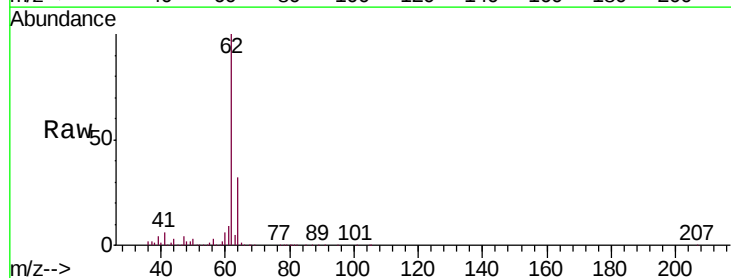
Acq: 08 Jul 2019 12:28

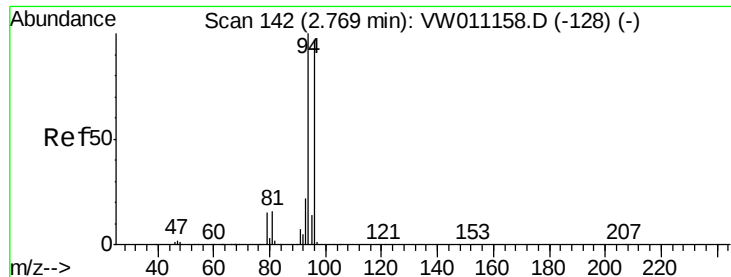
Tgt Ion: 62 Resp: 281094

Ion Ratio Lower Upper

62 100

64 31.8 26.6 40.0





#5

Bromomethane

Concen: 93.748 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

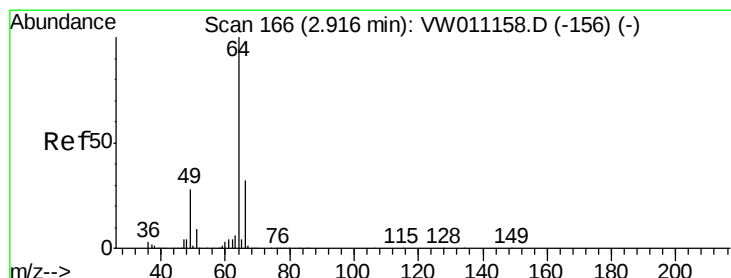
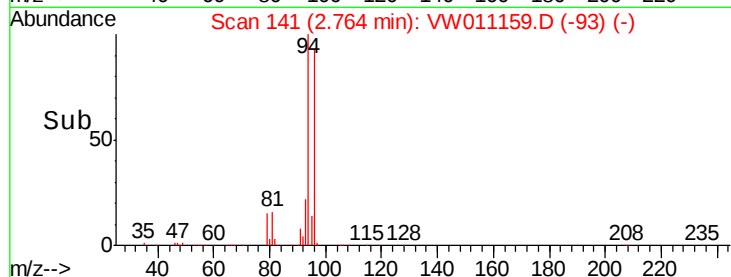
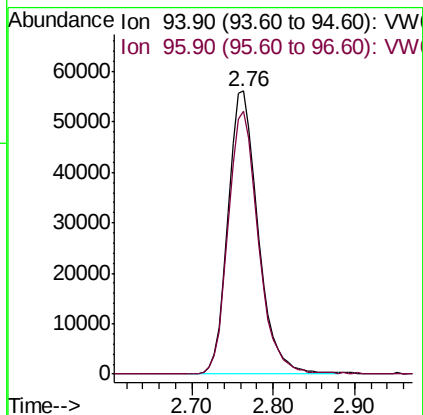
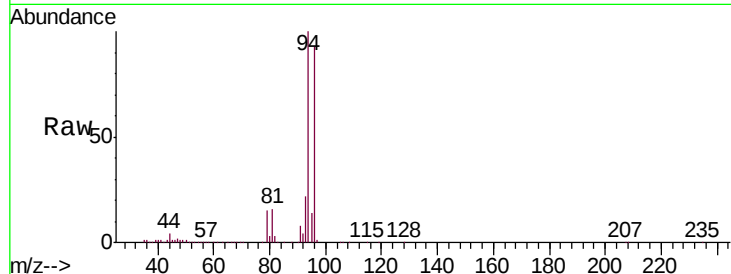
VSTDIC100

Tgt Ion: 94 Resp: 142003

Ion Ratio Lower Upper

94 100

96 92.6 77.4 116.0



#6

Chloroethane

Concen: 97.465 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011159.D

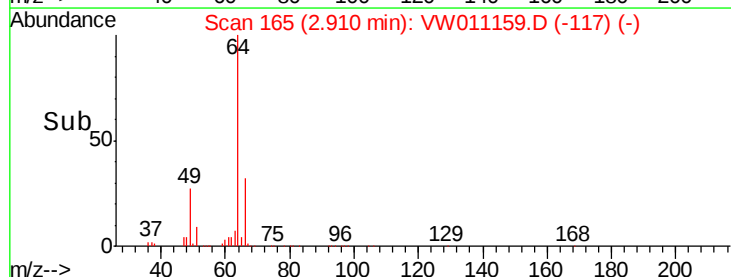
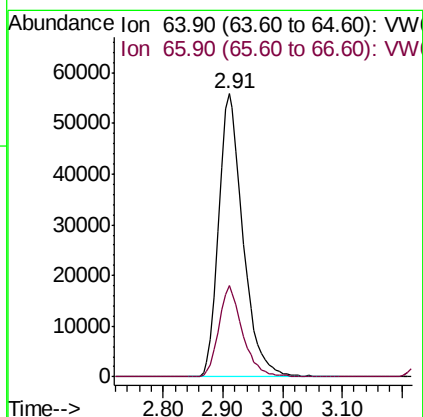
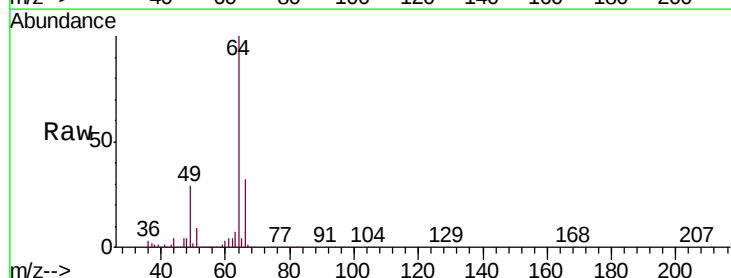
Acq: 08 Jul 2019 12:28

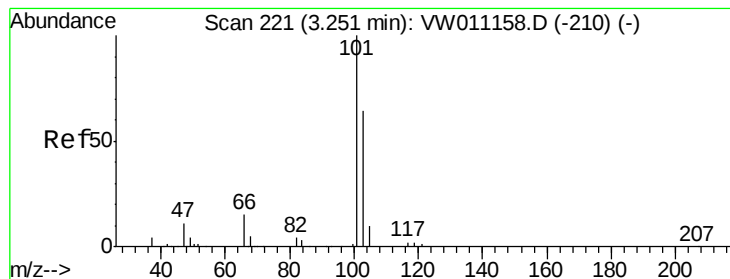
Tgt Ion: 64 Resp: 158249

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.8



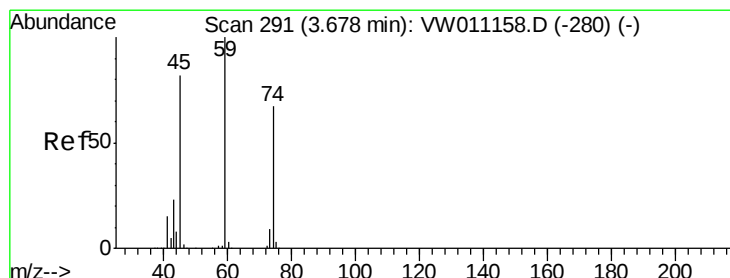
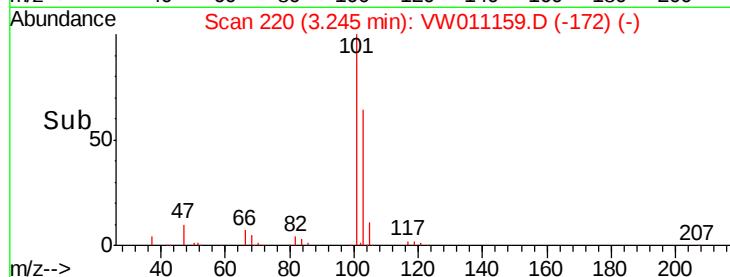
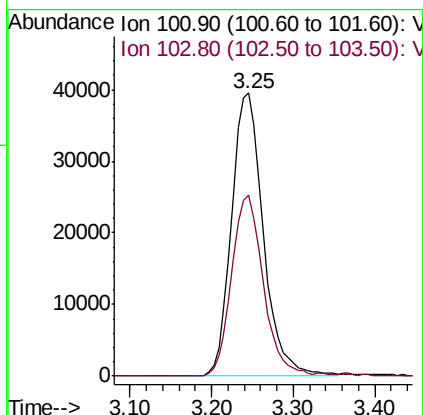
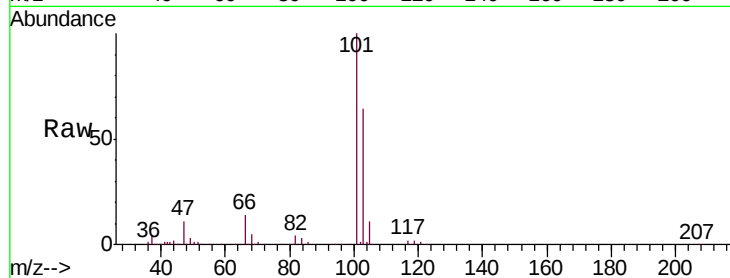


#7

Trichlorofluoromethane
 Concen: 99.363 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

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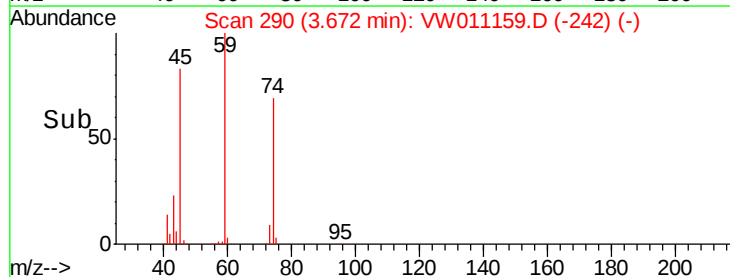
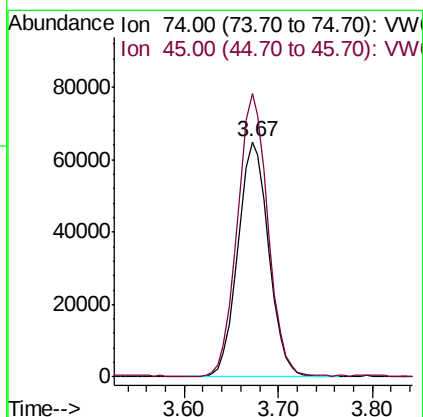
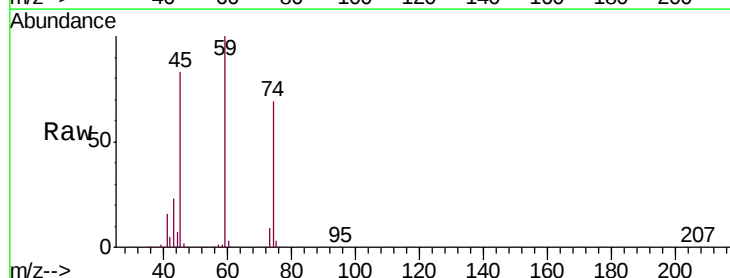
Tgt Ion: 101 Resp: 106406
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.3 76.9



#8

Diethyl Ether
 Concen: 100.441 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

Tgt Ion: 74 Resp: 148826
 Ion Ratio Lower Upper
 74 100
 45 118.7 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.267 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

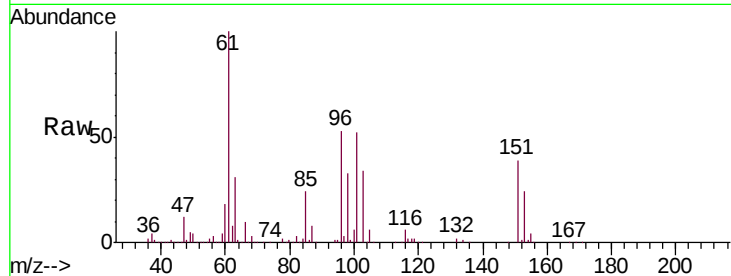
Tgt Ion:101 Resp: 244368

Ion Ratio Lower Upper

101 100

85 45.6 36.5 54.7

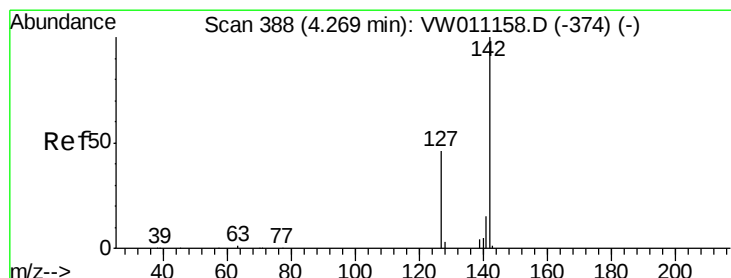
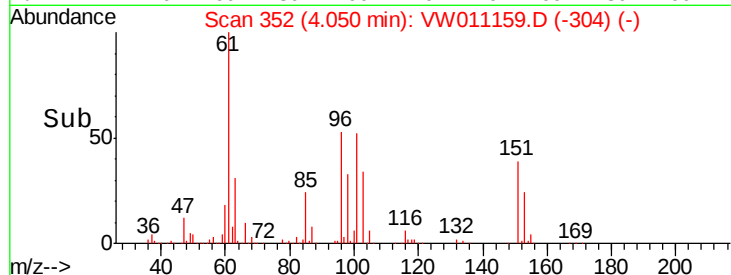
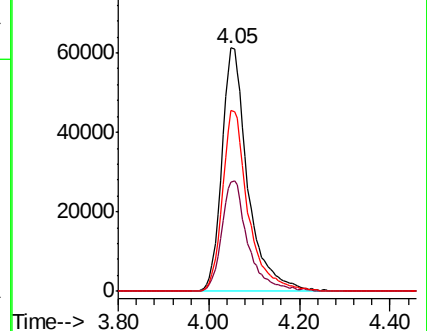
151 73.9 59.1 88.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 99.561 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

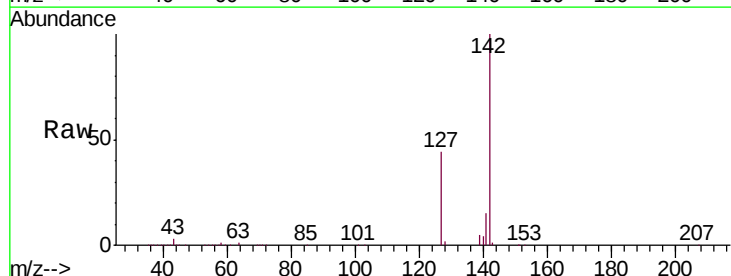
Tgt Ion:142 Resp: 351245

Ion Ratio Lower Upper

142 100

127 44.2 35.7 53.5

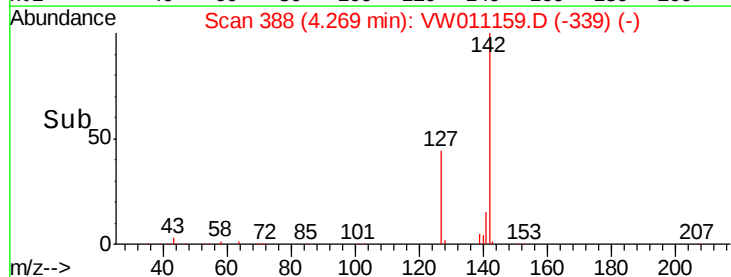
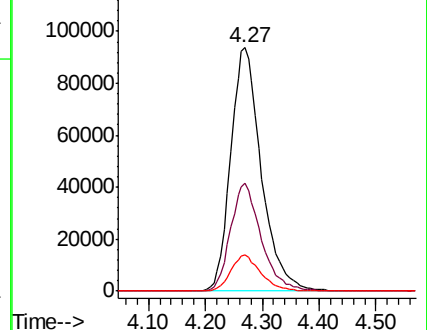
141 14.7 11.5 17.3

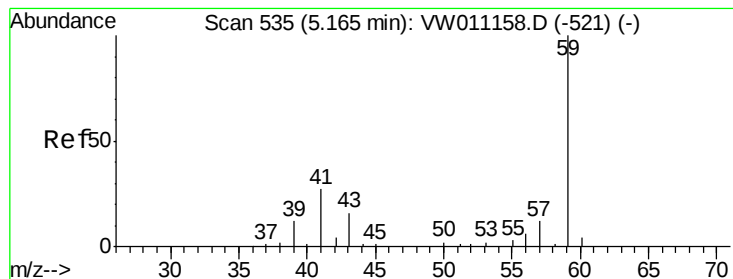


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



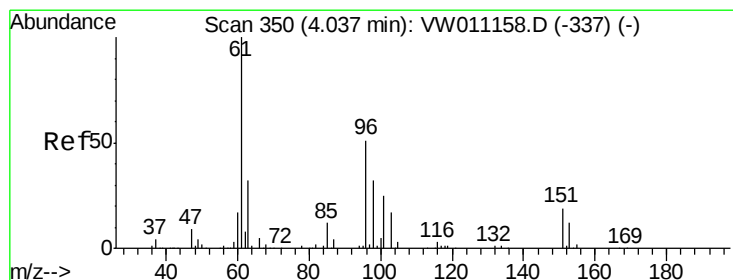
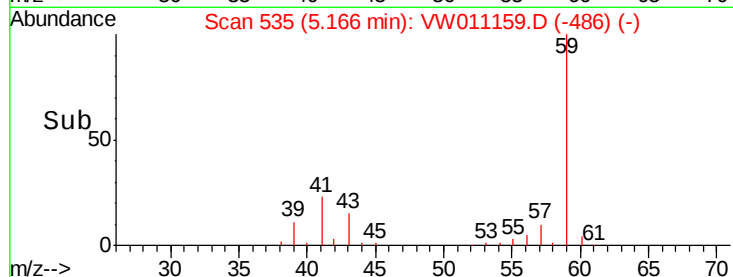
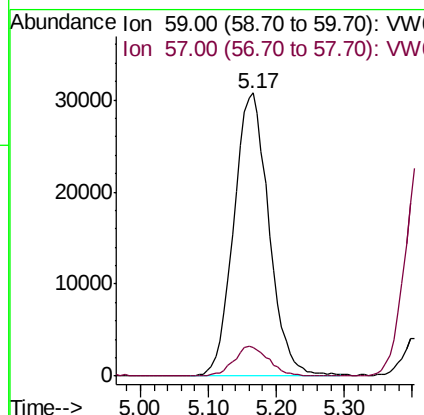
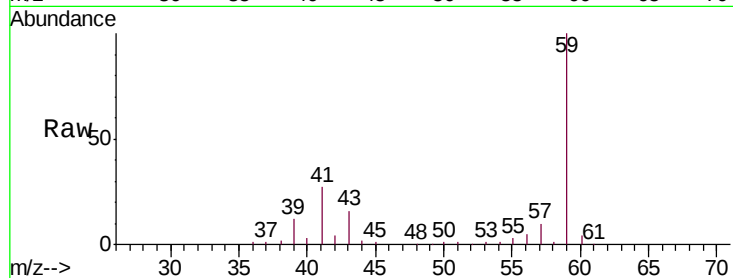


#11

Tert butyl alcohol
 Concen: 494.667 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

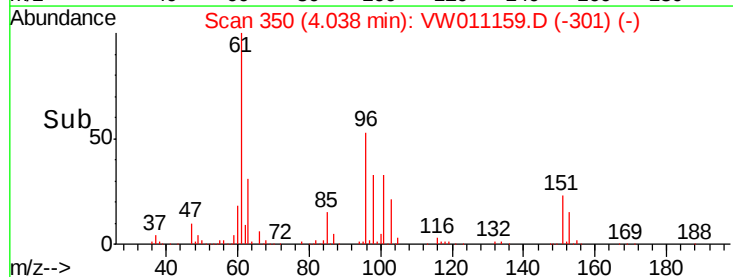
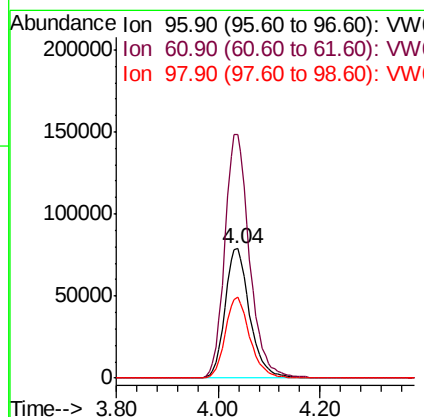
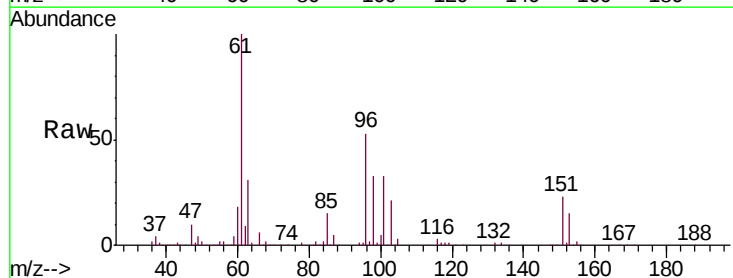
Tgt Ion: 59 Resp: 110286
 Ion Ratio Lower Upper
 59 100
 57 10.4 9.0 13.6

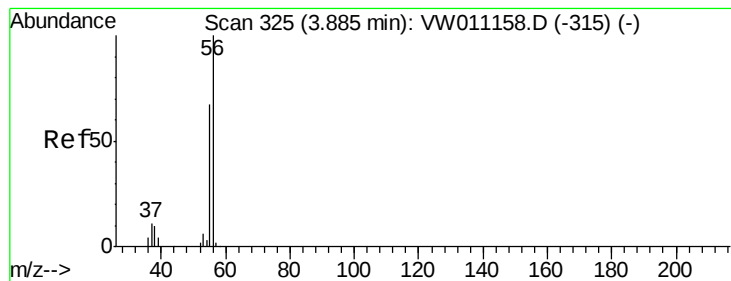


#12

1,1-Dichloroethene
 Concen: 99.375 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

Tgt Ion: 96 Resp: 264569
 Ion Ratio Lower Upper
 96 100
 61 187.8 157.7 236.5
 98 62.2 50.9 76.3





#13

Acrolein

Concen: 528.149 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

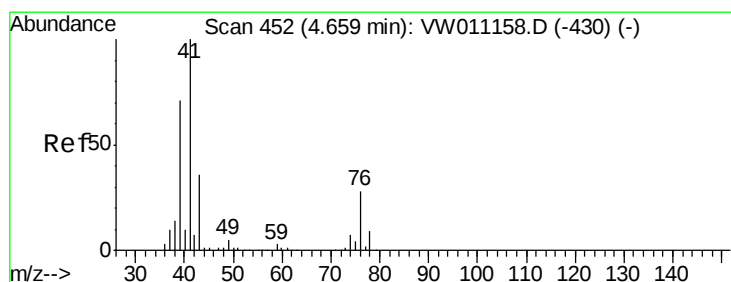
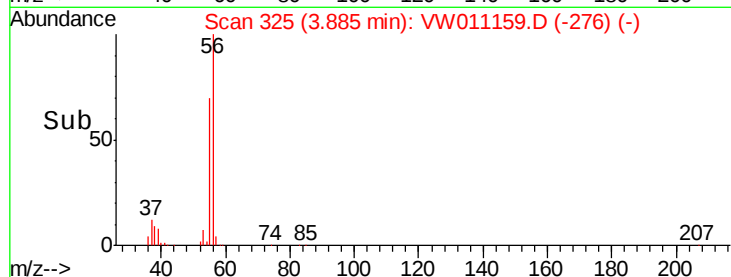
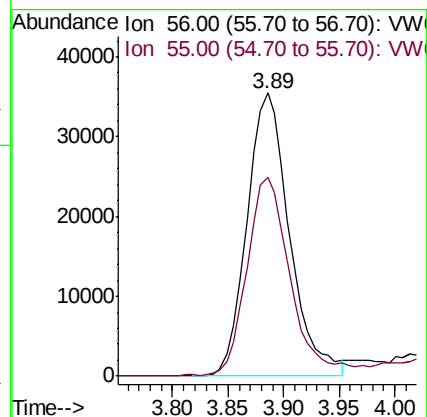
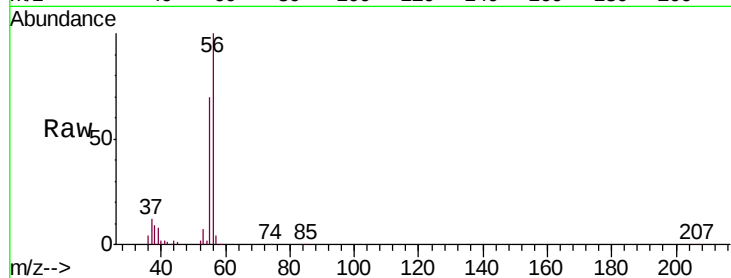
VSTDIC100

Tgt Ion: 56 Resp: 93764

Ion Ratio Lower Upper

56 100

55 72.9 56.4 84.6



#14

Allyl chloride

Concen: 96.517 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

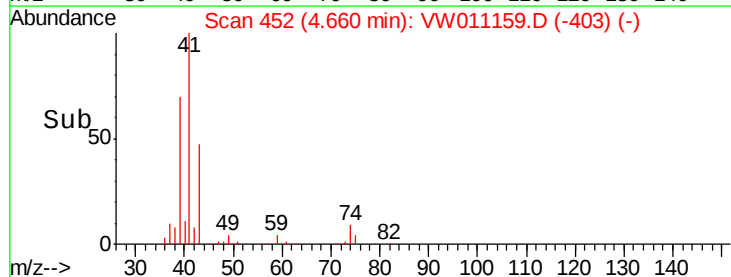
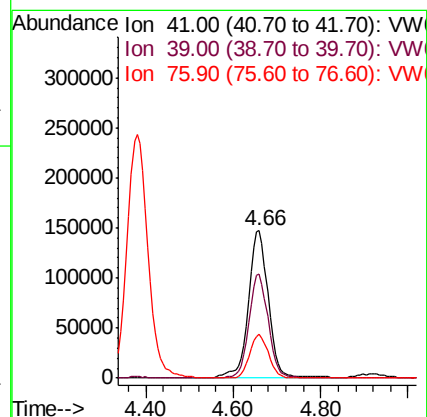
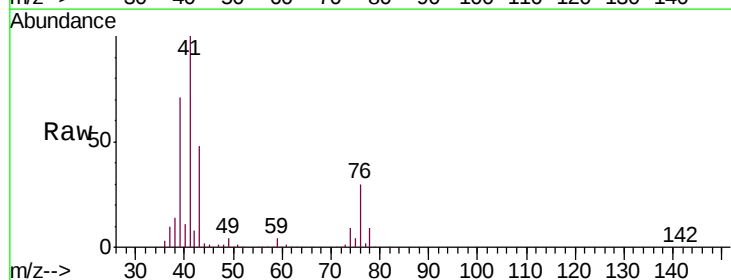
Tgt Ion: 41 Resp: 468573

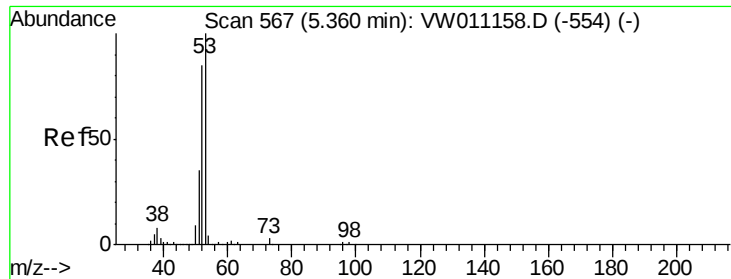
Ion Ratio Lower Upper

41 100

39 67.5 55.1 82.7

76 27.9 22.5 33.7

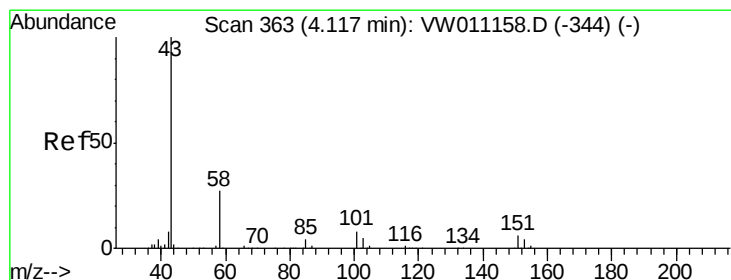
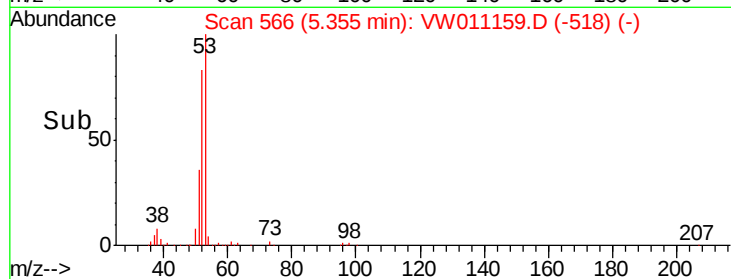
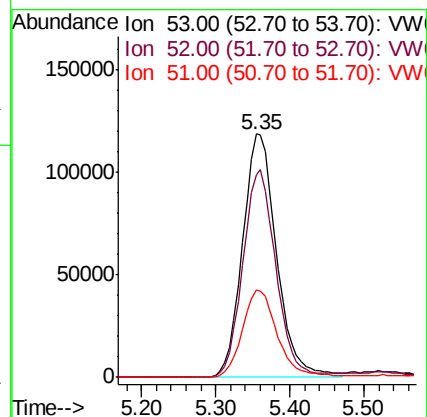
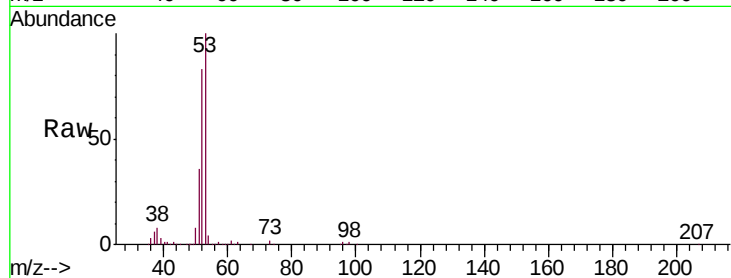




#15
 Acrylonitrile
 Concen: 505.005 ug/l
 RT: 5.35 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

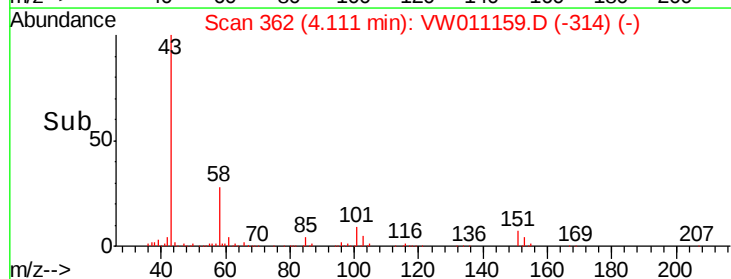
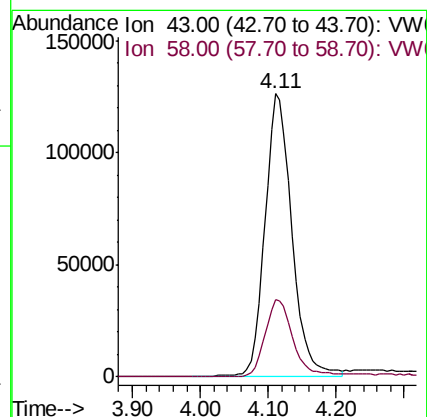
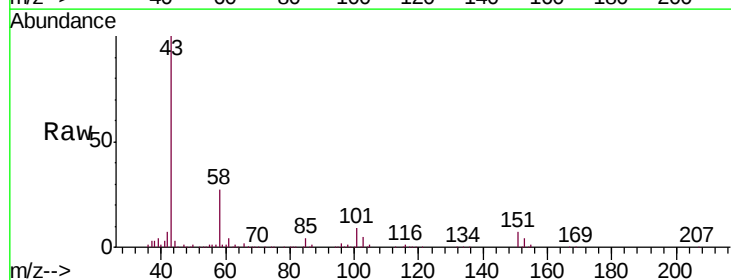
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

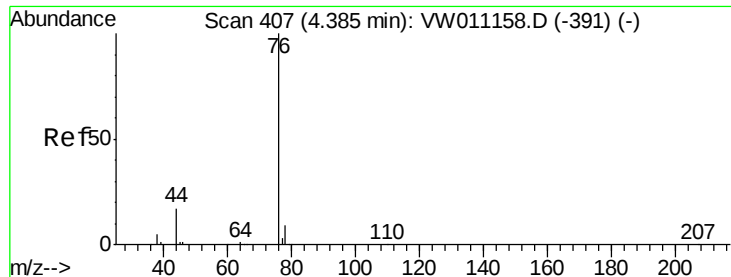
Tgt Ion: 53 Resp: 381090
 Ion Ratio Lower Upper
 53 100
 52 83.0 66.2 99.4
 51 37.2 29.1 43.7



#16
 Acetone
 Concen: 484.492 ug/l
 RT: 4.11 min Scan# 362
 Delta R.T. -0.01 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

Tgt Ion: 43 Resp: 351045
 Ion Ratio Lower Upper
 43 100
 58 27.3 21.8 32.6





#17

Carbon Disulfide

Concen: 99.408 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampled :

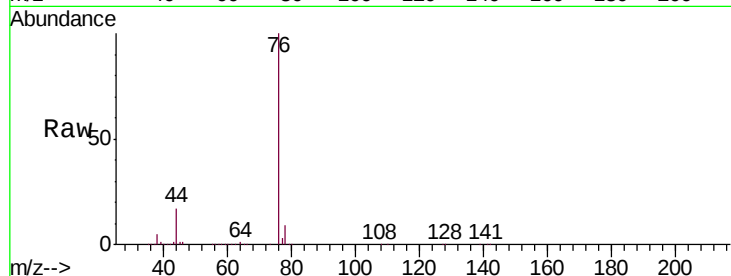
VSTDIC100

Tgt Ion: 76 Resp: 802353

Ion Ratio Lower Upper

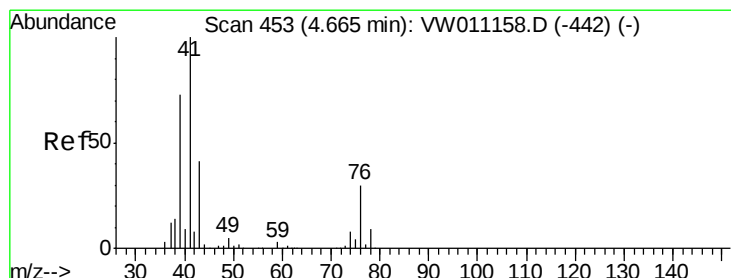
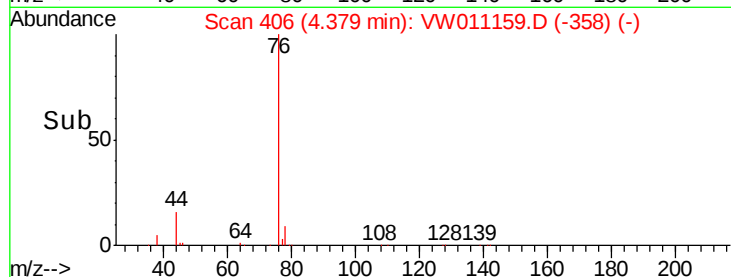
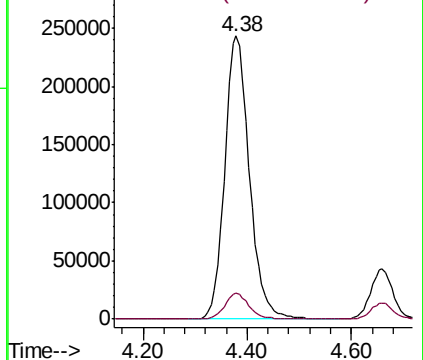
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 90.274 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW011159.D

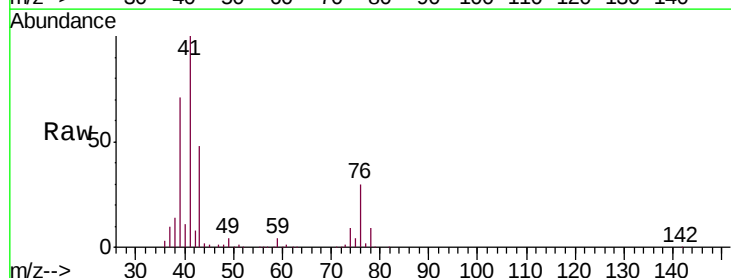
Acq: 08 Jul 2019 12:28

Tgt Ion: 43 Resp: 204555

Ion Ratio Lower Upper

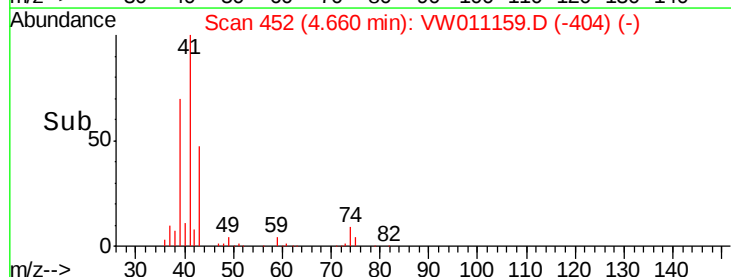
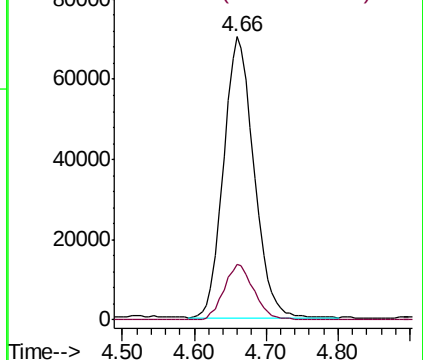
43 100

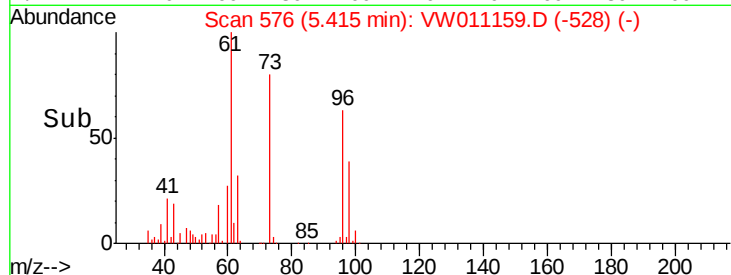
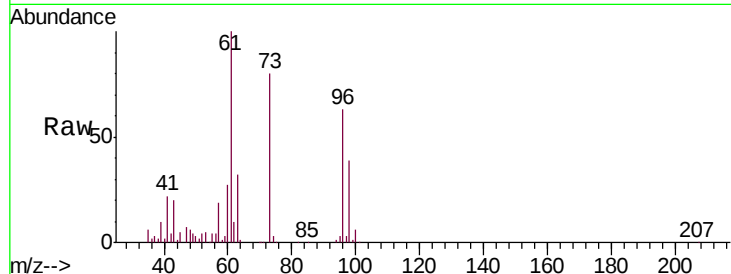
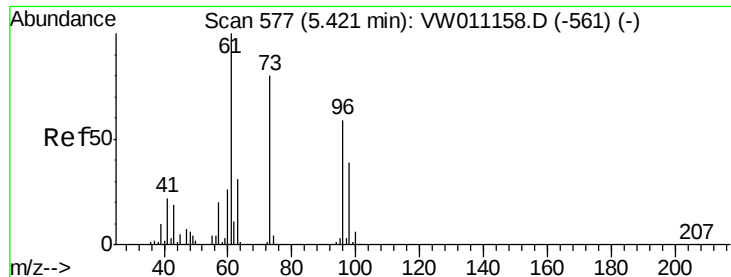
74 19.5 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

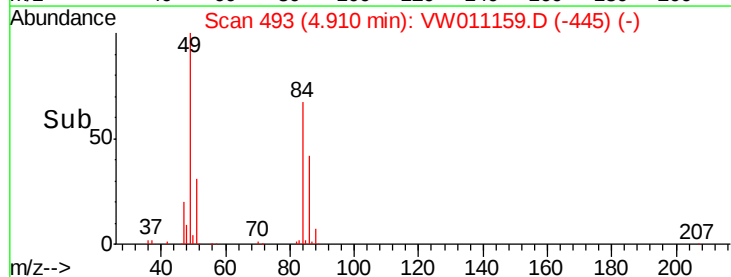
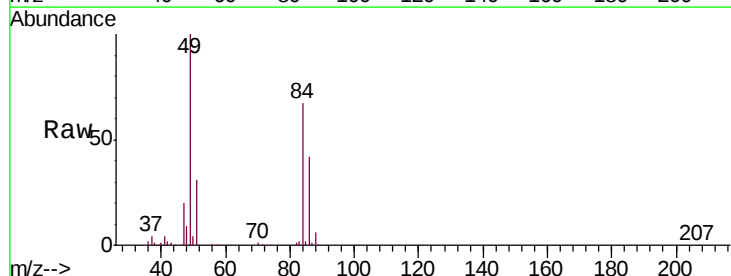
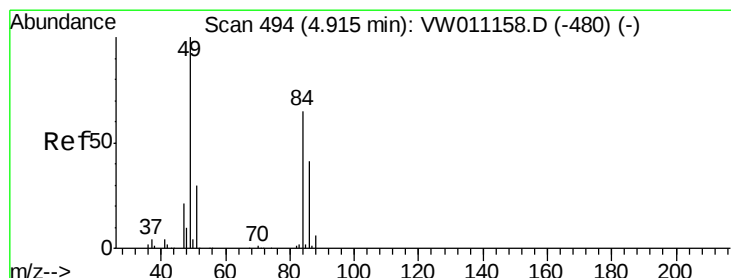
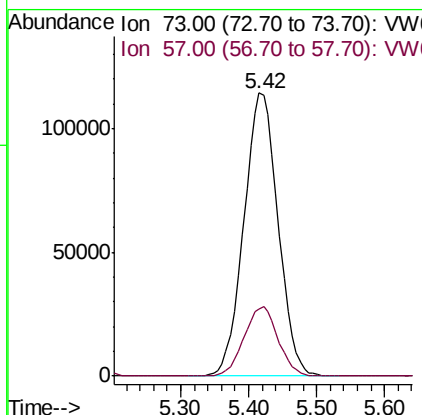




#19
Methyl tert-butyl Ether
Concen: 98.798 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

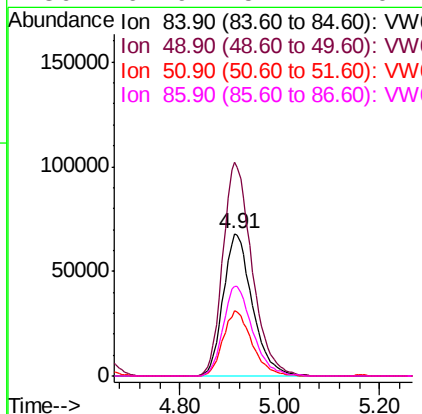
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

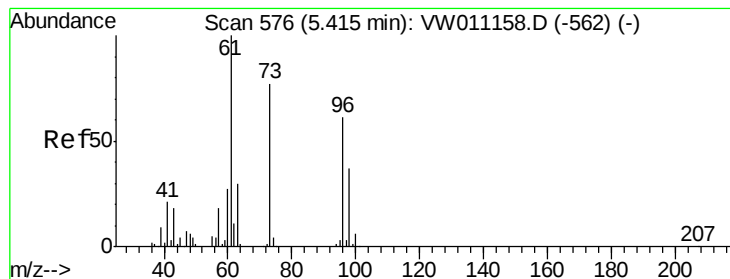
Tgt Ion: 73 Resp: 399103
Ion Ratio Lower Upper
73 100
57 23.5 19.7 29.5



#20
Methylene Chloride
Concen: 96.197 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion: 84 Resp: 274965
Ion Ratio Lower Upper
84 100
49 149.8 123.8 185.6
51 46.1 37.4 56.2
86 62.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 99.981 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

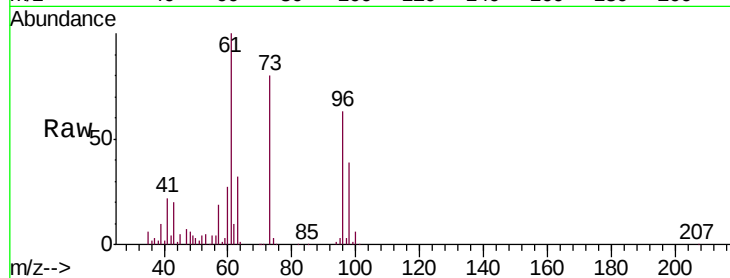
Tgt Ion: 96 Resp: 276586

Ion Ratio Lower Upper

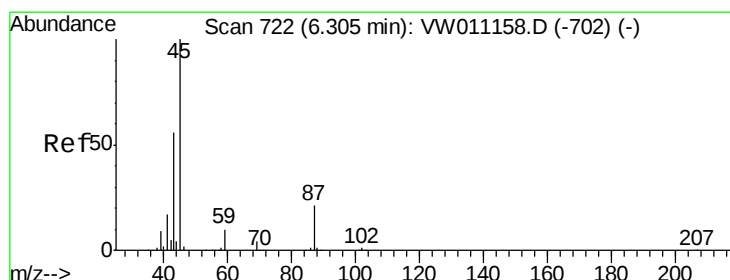
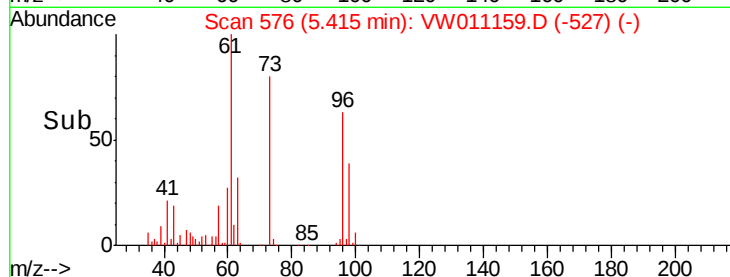
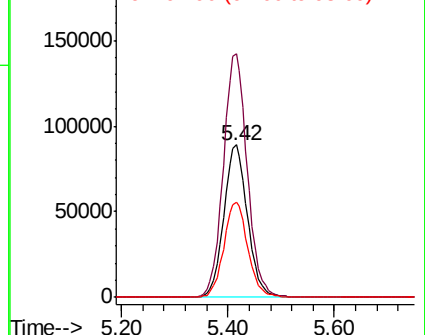
96 100

61 159.9 132.2 198.2

98 62.4 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 99.651 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Tgt Ion: 45 Resp: 1040547

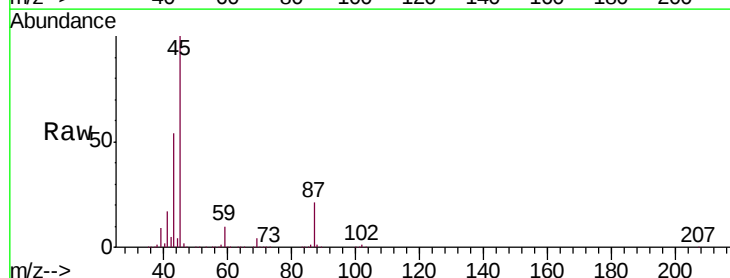
Ion Ratio Lower Upper

45 100

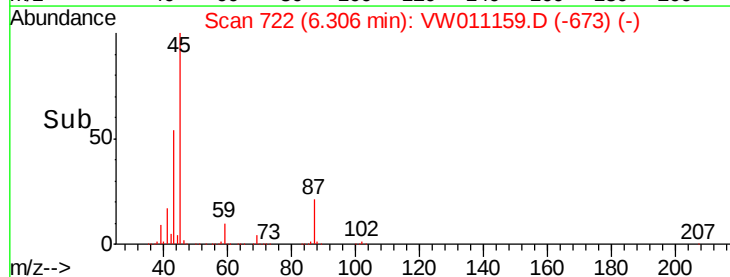
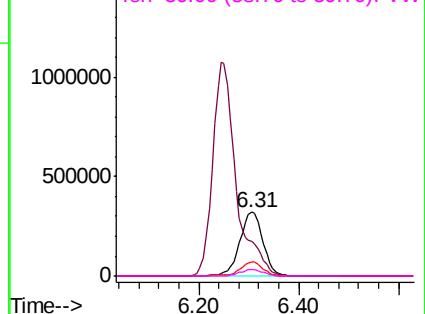
43 53.7 44.6 66.8

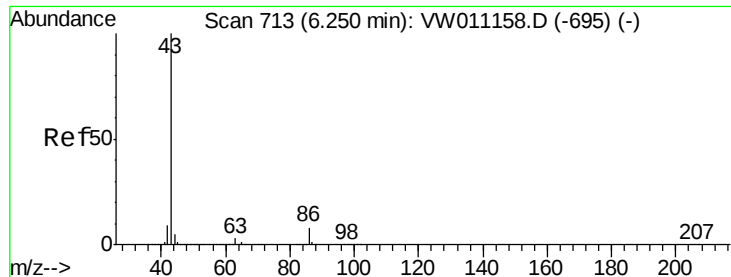
87 21.4 17.3 25.9

59 10.0 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 541.600 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

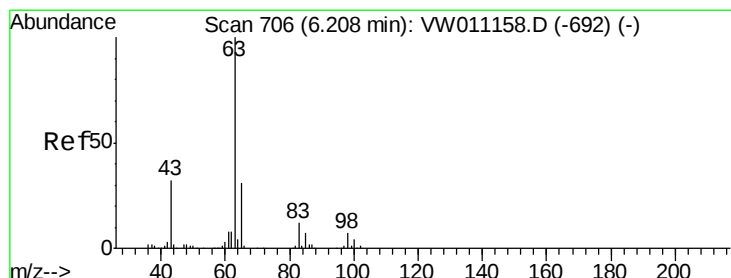
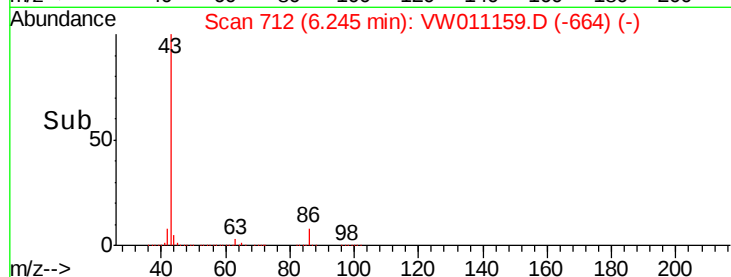
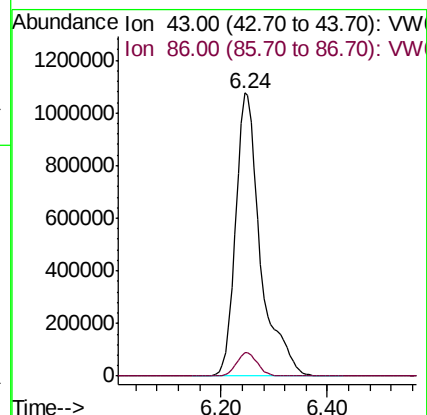
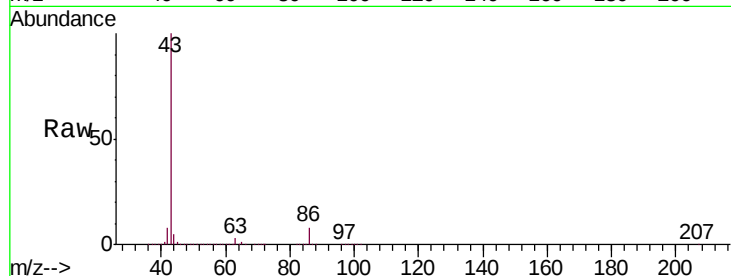
VSTDIC100

Tgt Ion: 43 Resp: 3499914

Ion Ratio Lower Upper

43 100

86 8.1 6.5 9.7



#24

1,1-Dichloroethane

Concen: 100.252 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

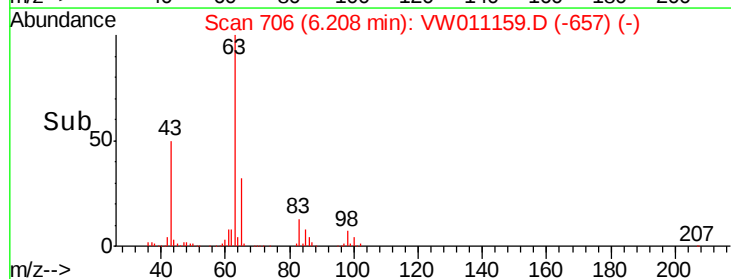
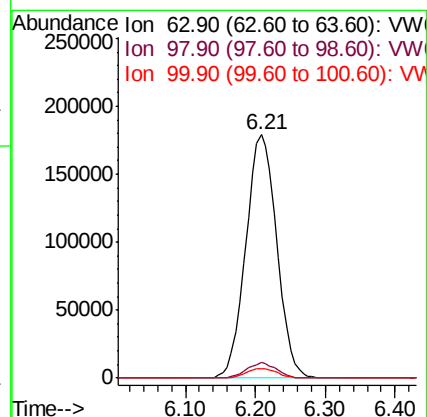
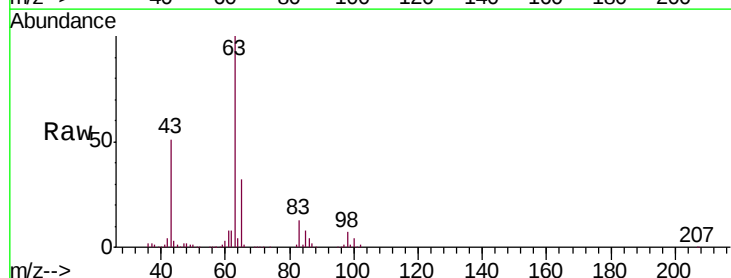
Tgt Ion: 63 Resp: 549701

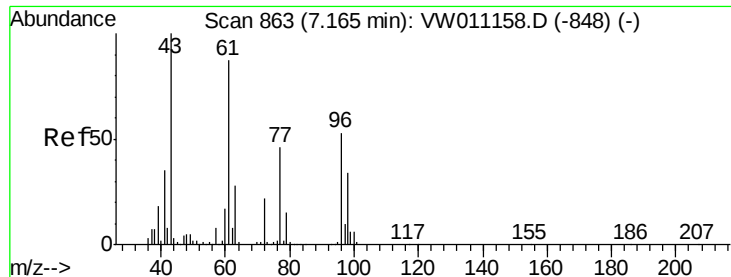
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 521.983 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampled :

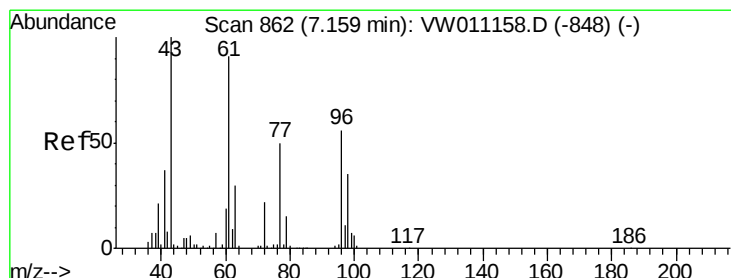
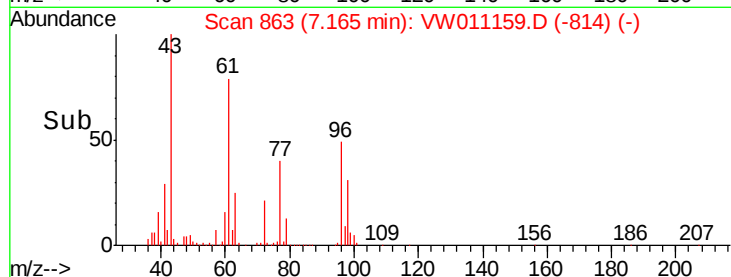
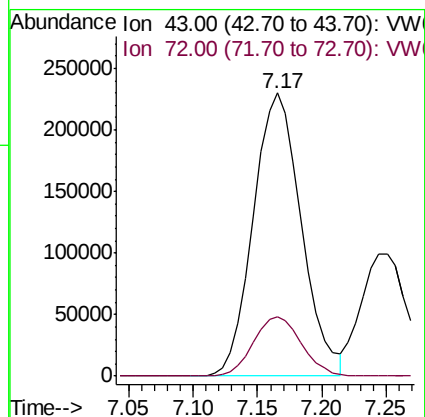
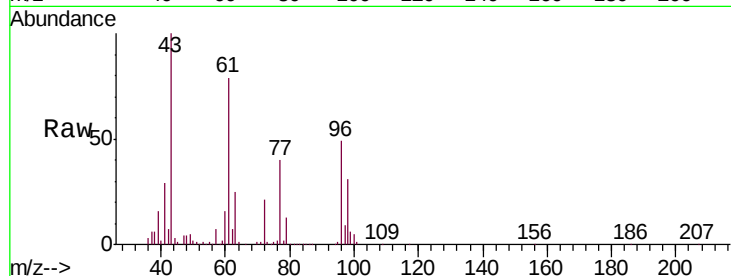
VSTDIC100

Tgt Ion: 43 Resp: 593689

Ion Ratio Lower Upper

43 100

72 21.1 17.6 26.4



#26

2,2-Dichloropropane

Concen: 96.179 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW011159.D

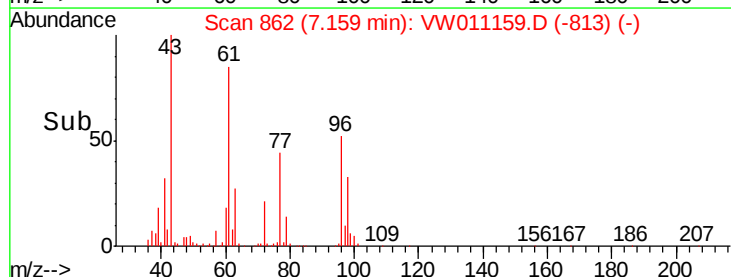
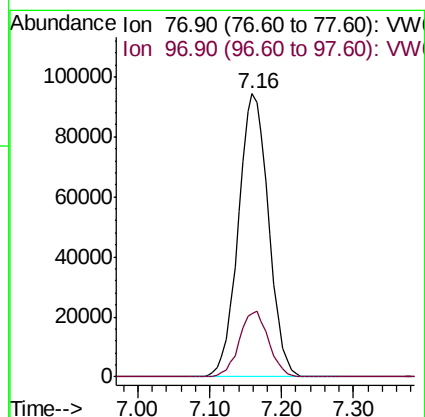
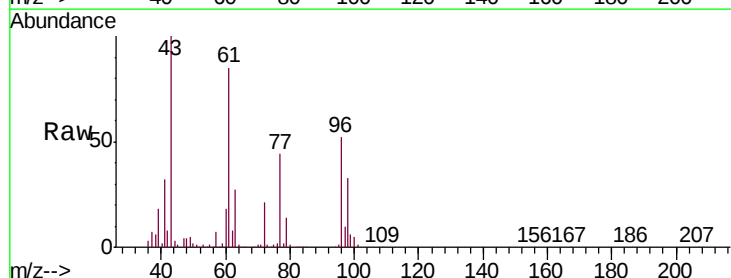
Acq: 08 Jul 2019 12:28

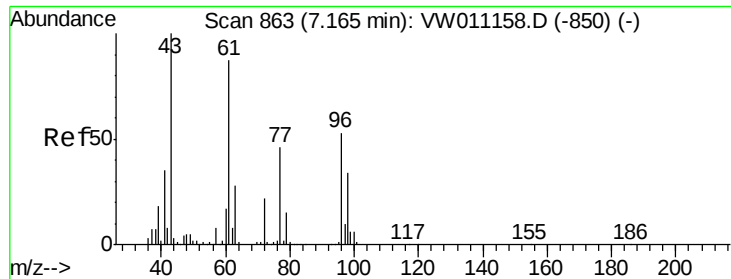
Tgt Ion: 77 Resp: 274131

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5



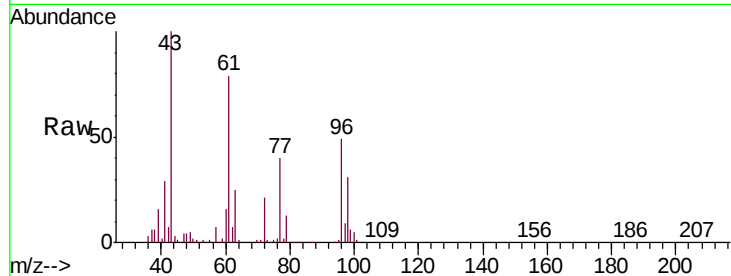


#27

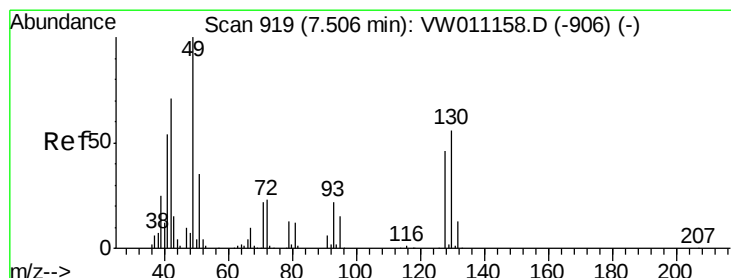
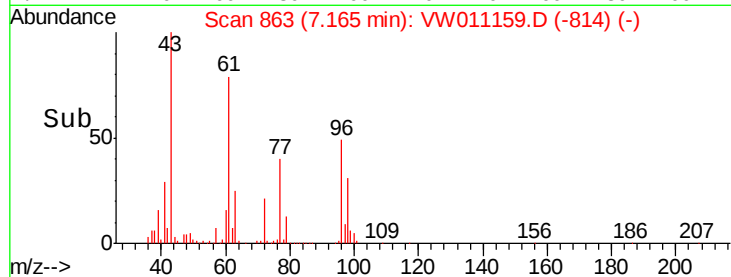
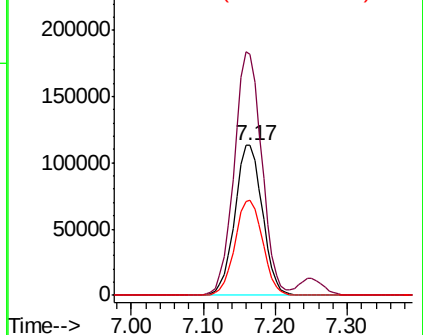
cis-1,2-Dichloroethene
Concen: 100.876 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.5	0.0	325.6
98	63.9	0.0	128.2



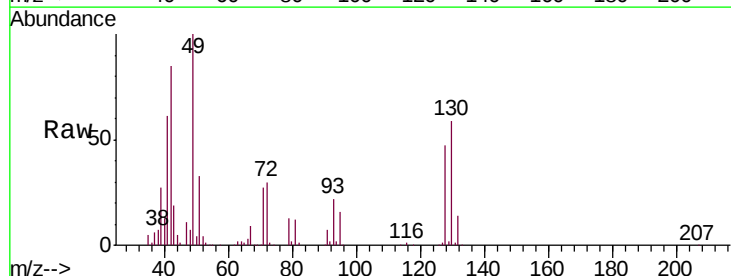
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



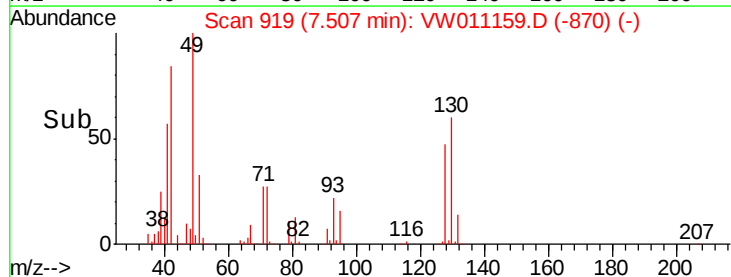
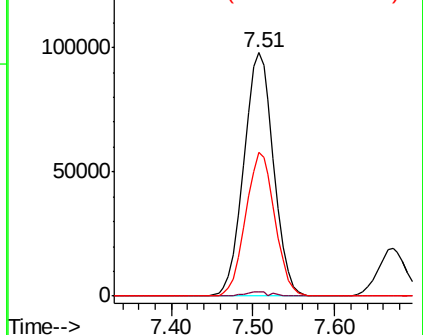
#28

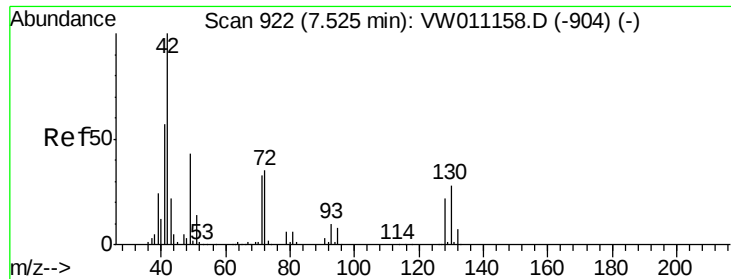
Bromochloromethane
Concen: 99.670 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	1.4
130	58.1	45.8	68.8



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

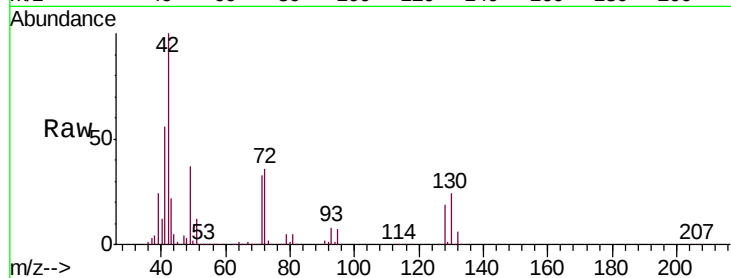




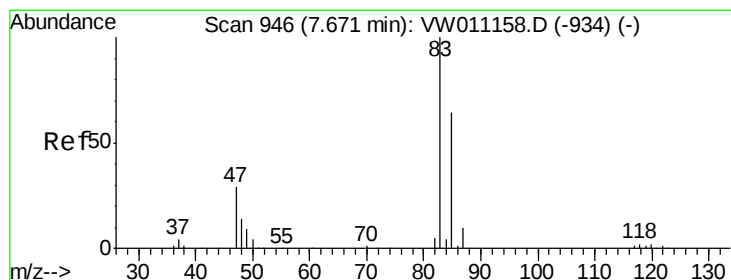
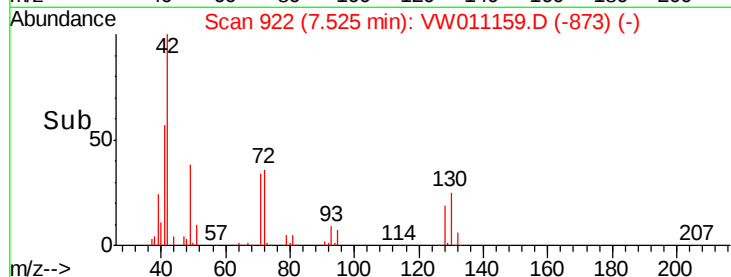
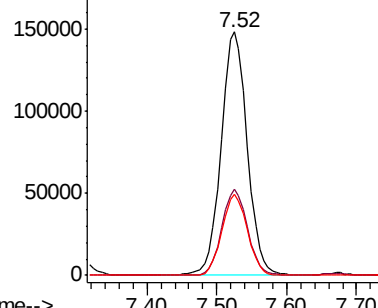
#29
Tetrahydrofuran
Concen: 514.101 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 383409
Ion Ratio Lower Upper
42 100
72 34.9 27.4 41.2
71 32.8 25.9 38.9

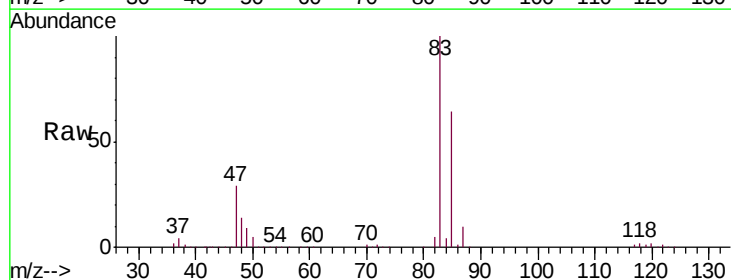


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

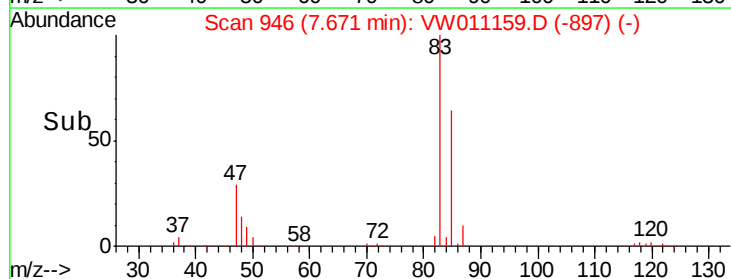
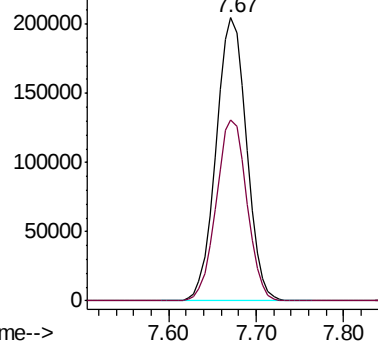


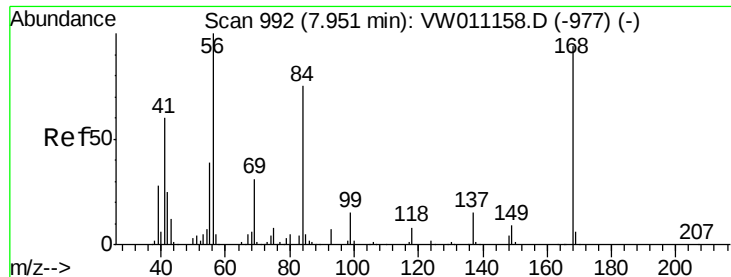
#30
Chloroform
Concen: 97.451 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion: 83 Resp: 494855
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

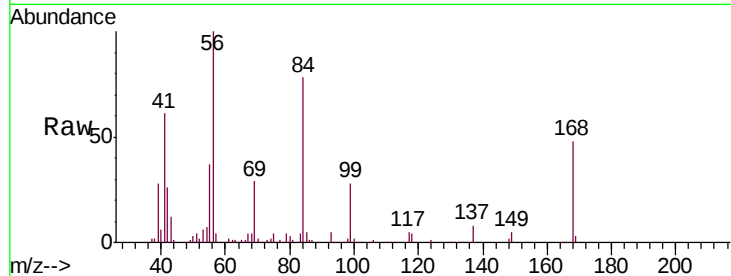




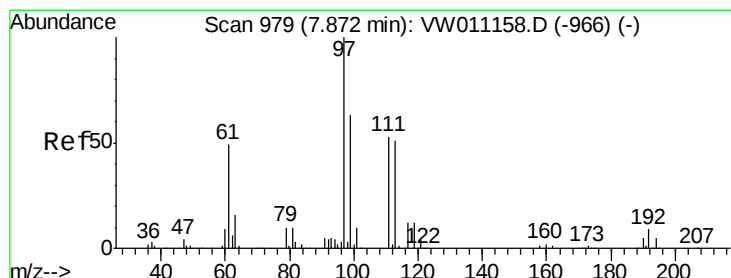
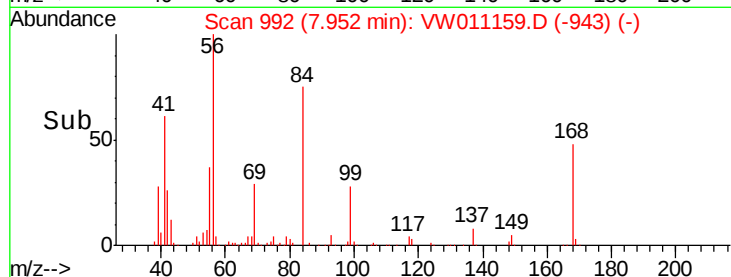
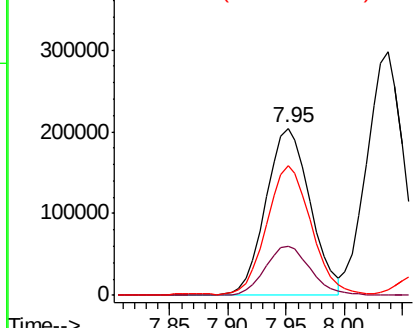
#31
Cyclohexane
Concen: 92.921 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 542036
Ion Ratio Lower Upper
56 100
69 29.2 24.6 36.8
84 76.3 60.1 90.1

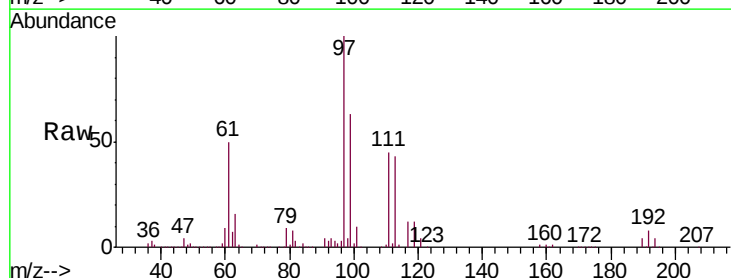


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

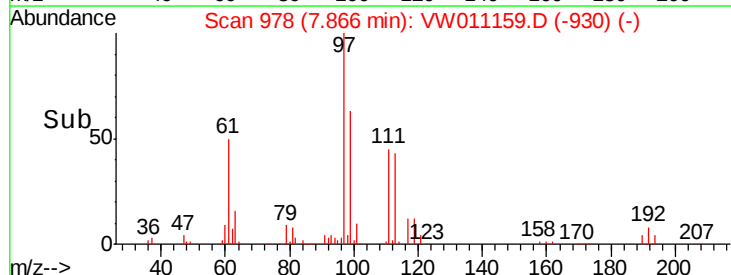
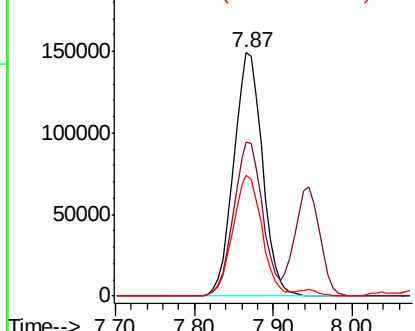


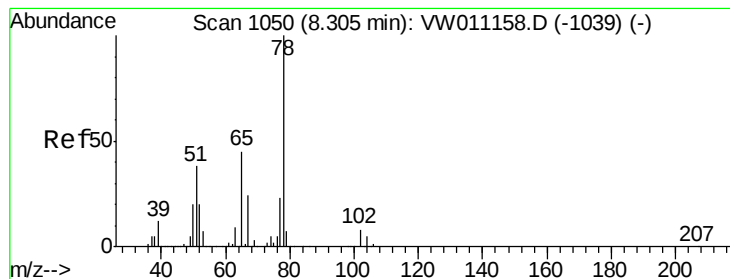
#32
1,1,1-Trichloroethane
Concen: 97.965 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion: 97 Resp: 378416
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 50.1 40.4 60.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 98.040 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

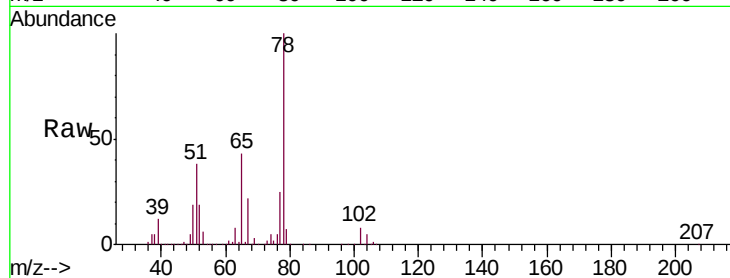
VSTDIC100

Tgt Ion: 65 Resp: 295231

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

150000

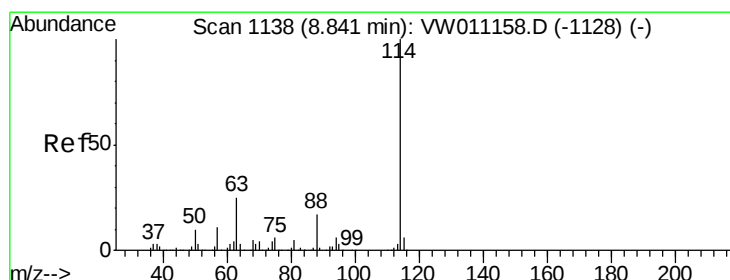
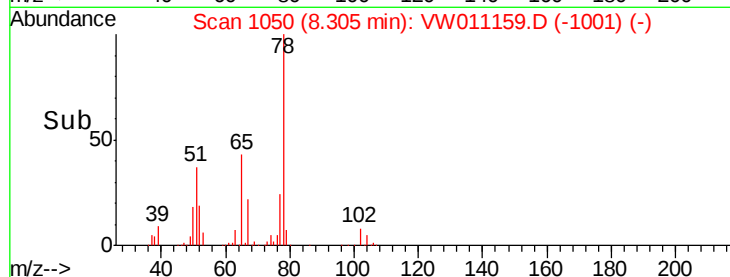
100000

50000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

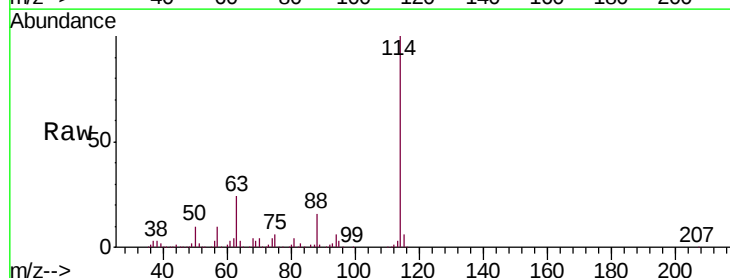
Tgt Ion: 114 Resp: 393665

Ion Ratio Lower Upper

114 100

63 24.1 0.0 50.8

88 16.4 0.0 34.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

250000

200000

150000

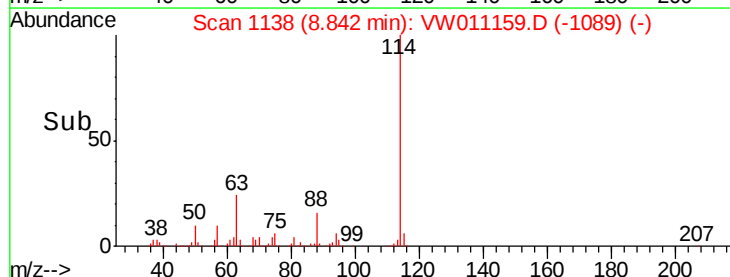
100000

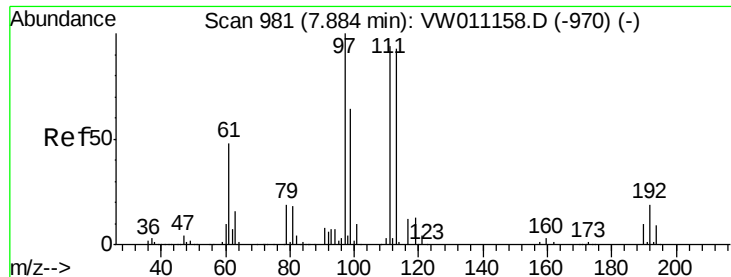
50000

0

8.70 8.80 8.90

Time-->





#35

Dibromofluoromethane

Concen: 99.143 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

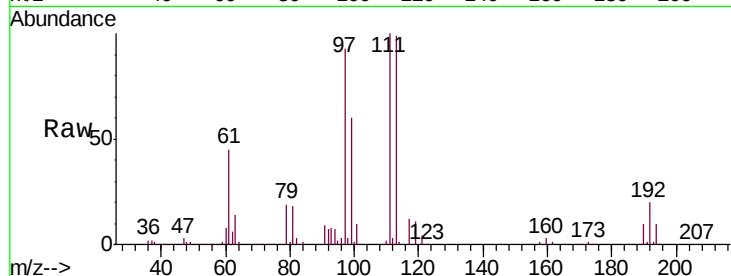
Tgt Ion: 113 Resp: 232632

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

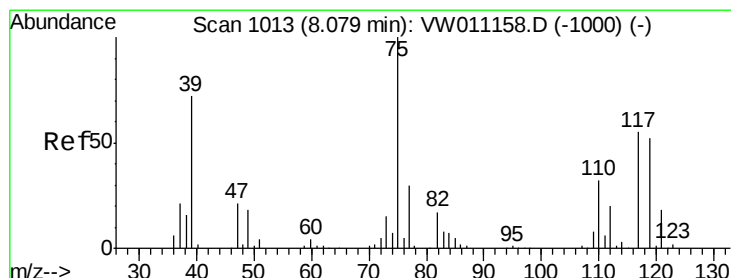
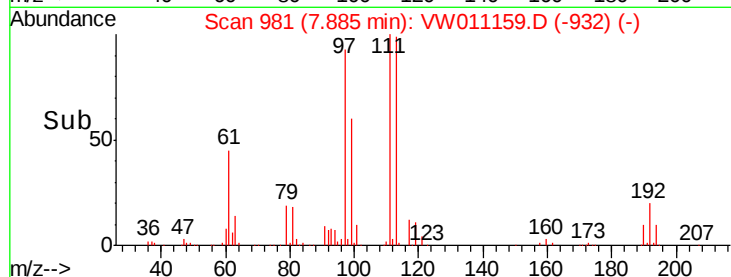
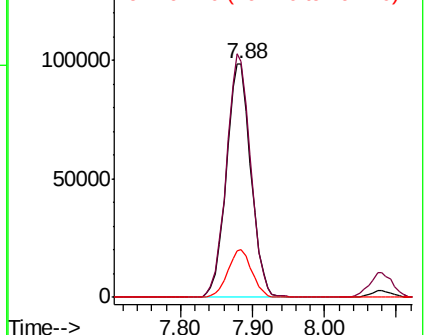
192 20.1 15.8 23.8



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: 98.659 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

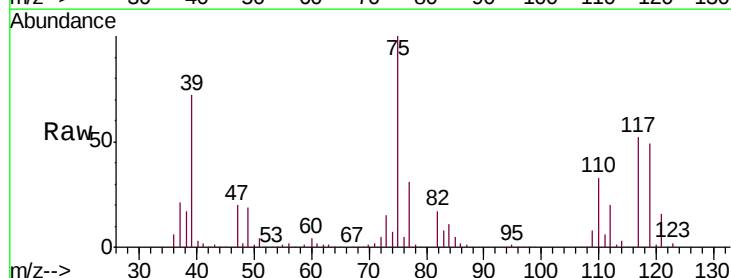
Tgt Ion: 75 Resp: 413592

Ion Ratio Lower Upper

75 100

110 31.7 15.9 47.6

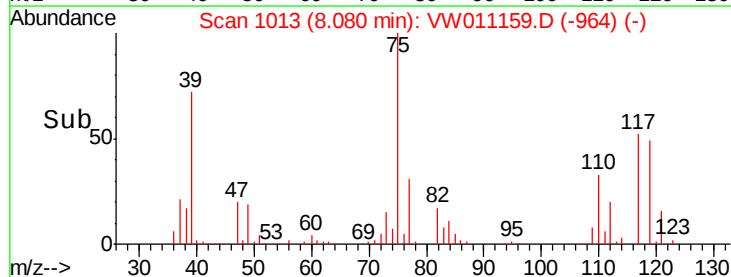
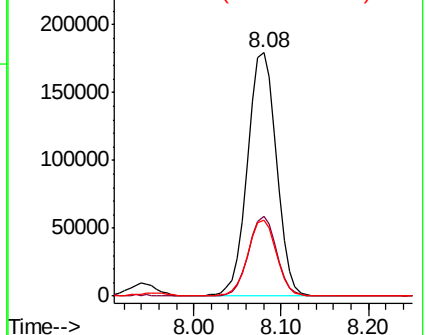
77 30.9 24.6 36.8

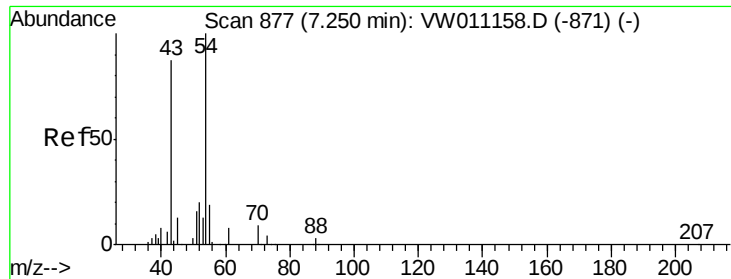


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

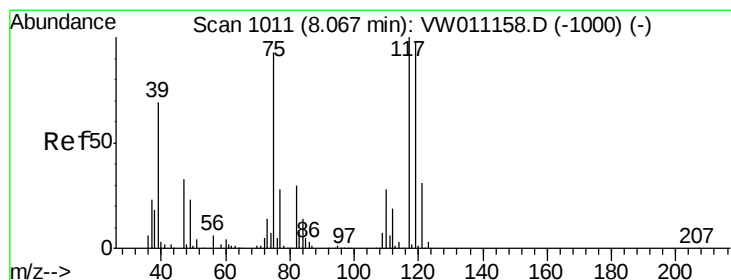
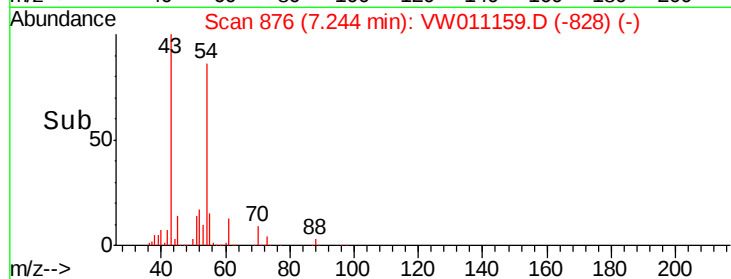
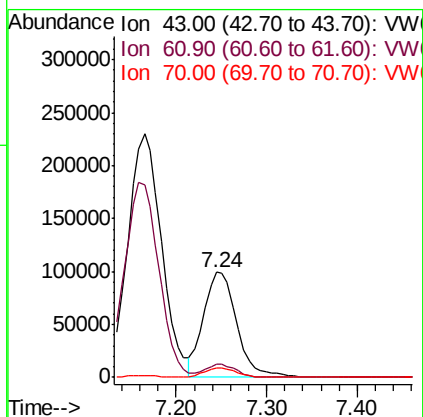
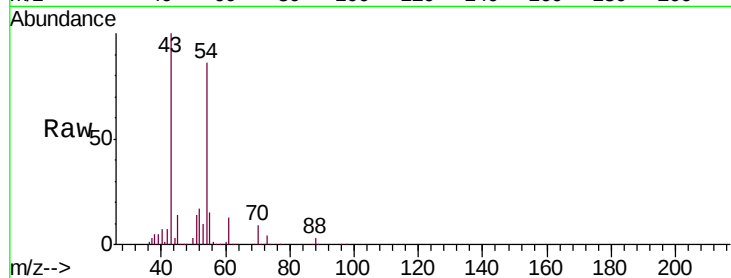




#37
Ethyl Acetate
Concen: 100.751 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

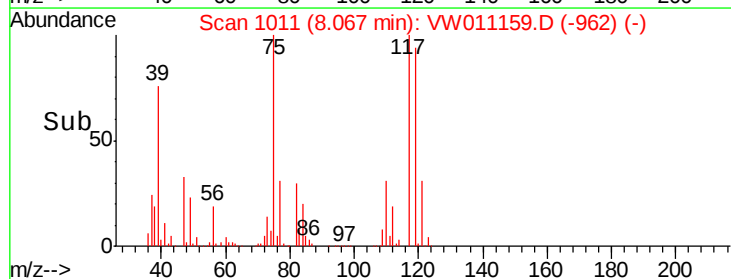
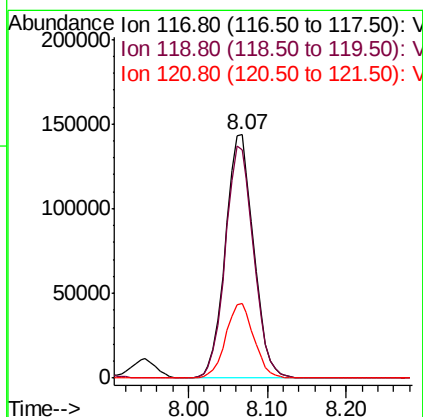
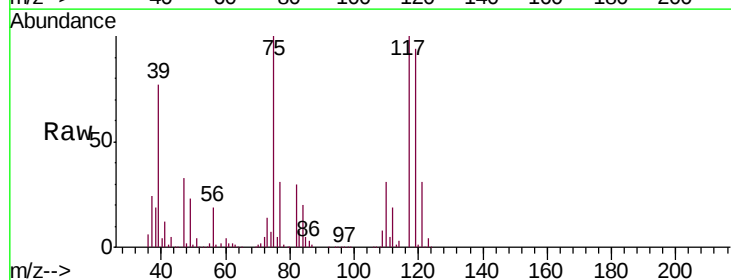
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 253767
Ion Ratio Lower Upper
43 100
61 11.7 9.5 14.3
70 8.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 100.892 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion: 117 Resp: 358551
Ion Ratio Lower Upper
117 100
119 93.9 78.1 117.1
121 30.9 25.1 37.7

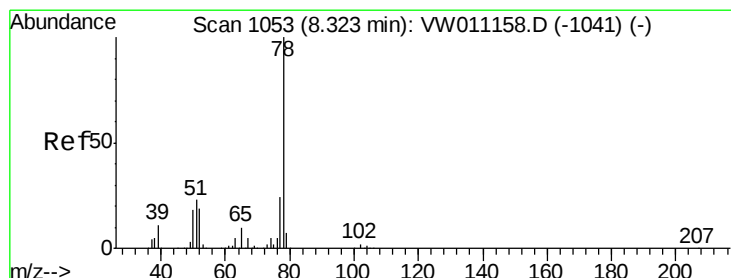
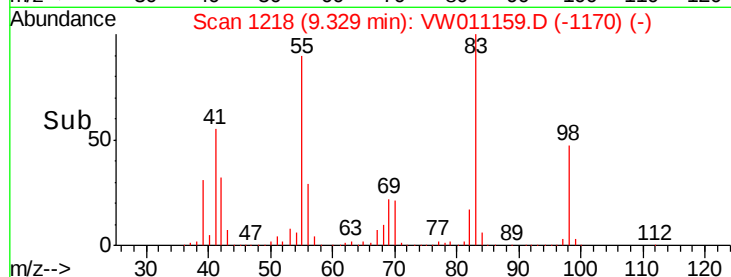
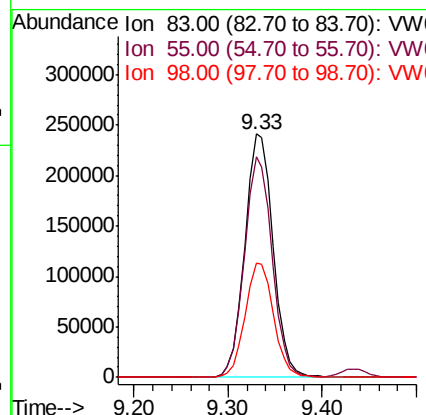
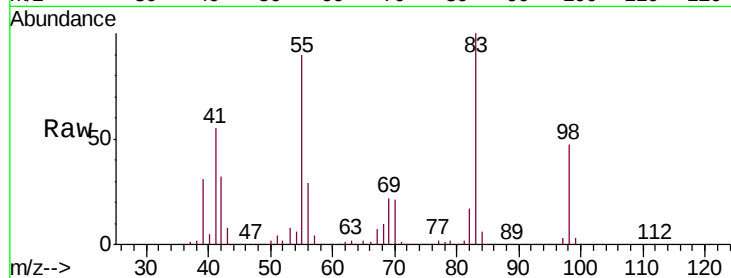




#39
Methylcyclohexane
Concen: 99.941 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

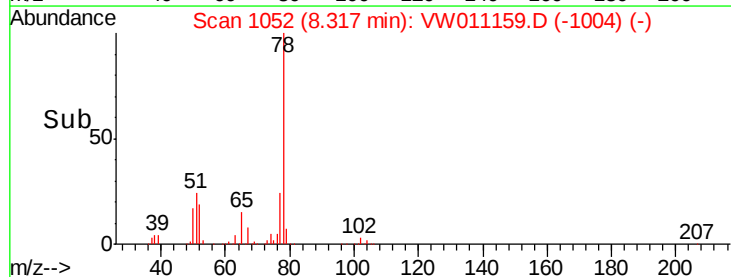
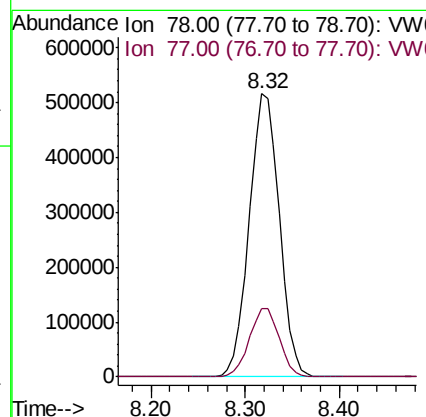
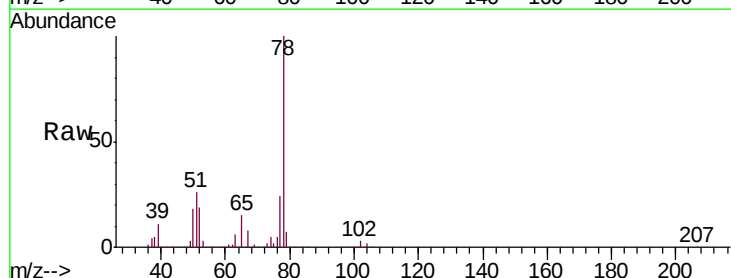
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

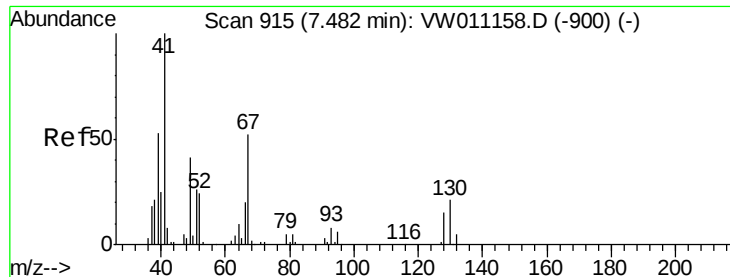
Tgt Ion: 83 Resp: 507813
Ion Ratio Lower Upper
83 100
55 90.3 71.2 106.8
98 47.0 37.5 56.3



#40
Benzene
Concen: 99.086 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion: 78 Resp: 1147965
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

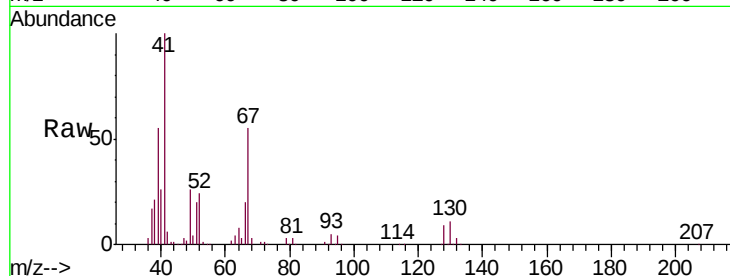




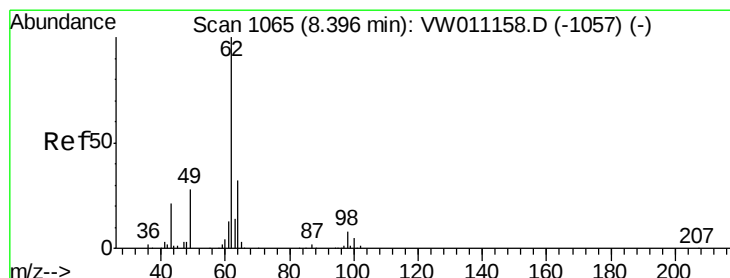
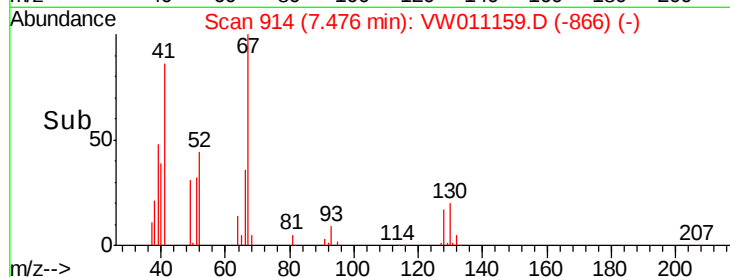
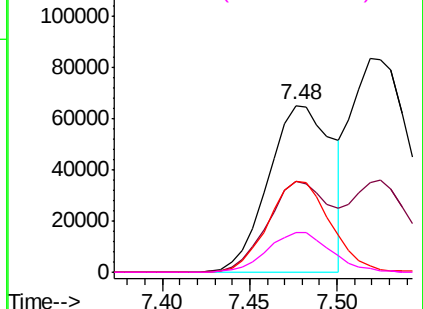
#41
Methacrylonitrile
Concen: 115.943 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	167023
Ion	Ratio	Lower	Upper
41	100		
39	53.2	48.0	72.0
67	53.3	49.7	74.5
52	24.0	23.4	35.0

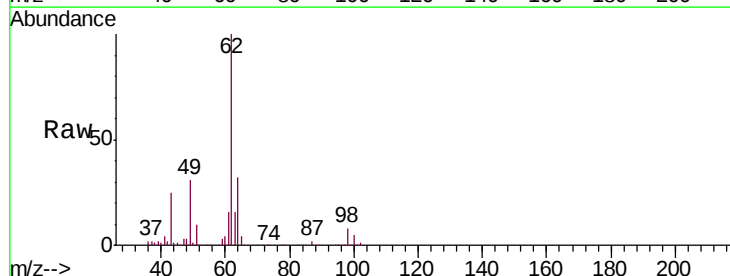


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

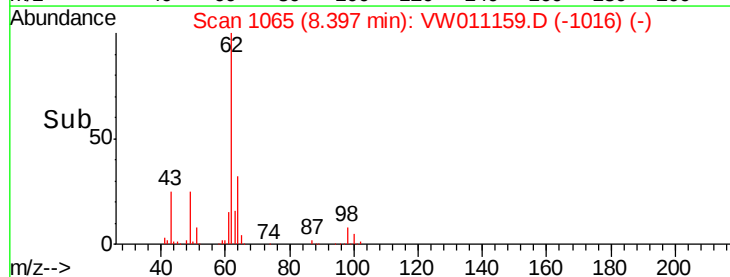
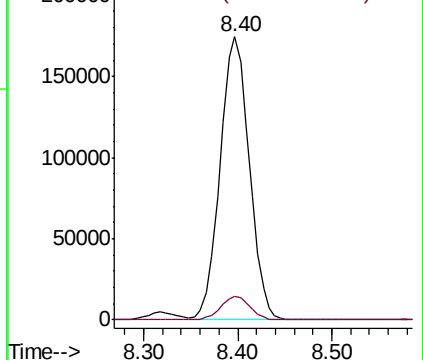


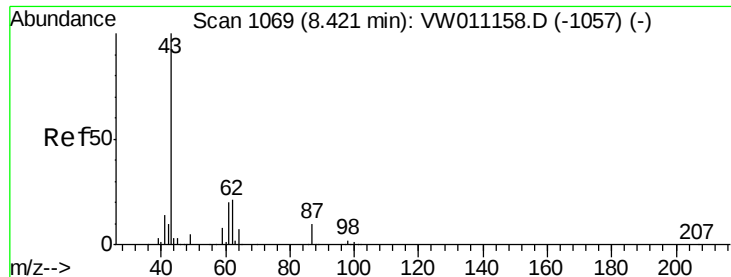
#42
1,2-Dichloroethane
Concen: 99.766 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion:	62	Resp:	374949
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 104.962 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

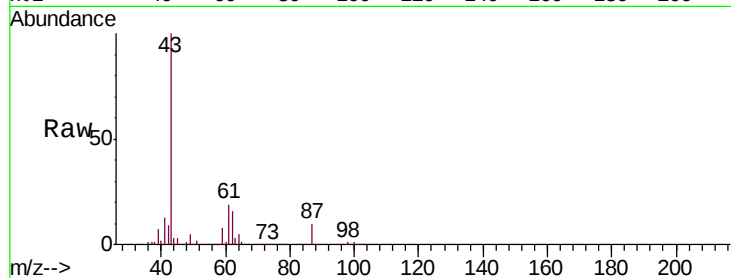
Tgt Ion: 43 Resp: 499137

Ion Ratio Lower Upper

43 100

61 25.9 20.7 31.1

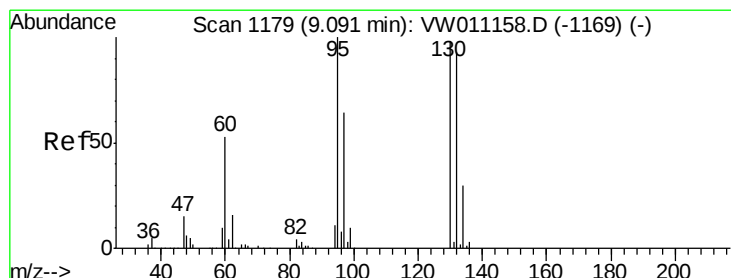
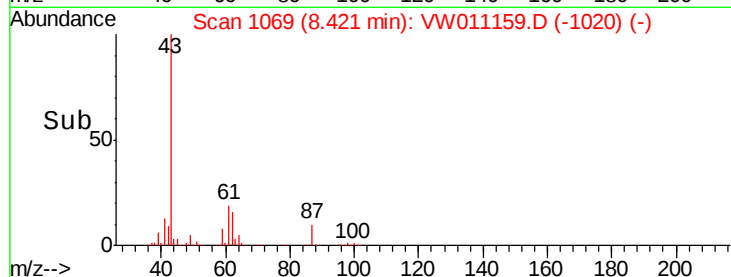
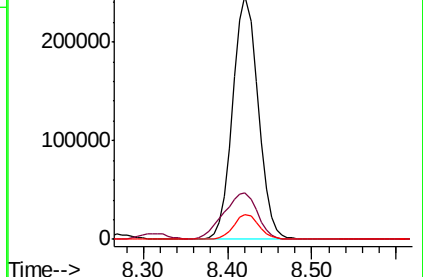
87 10.3 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 99.973 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011159.D

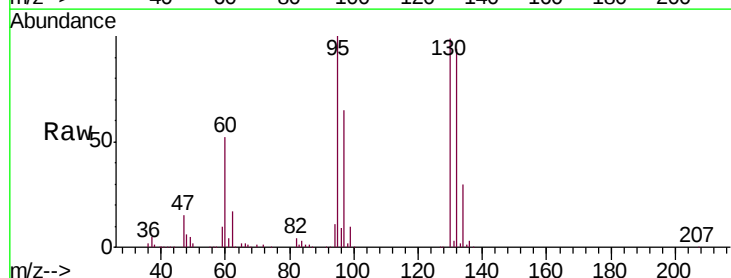
Acq: 08 Jul 2019 12:28

Tgt Ion: 130 Resp: 278719

Ion Ratio Lower Upper

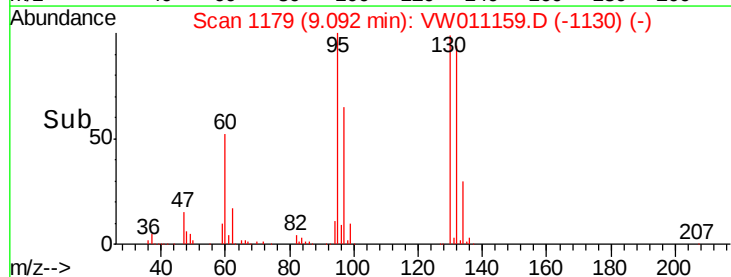
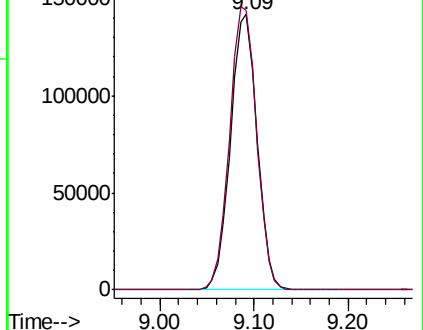
130 100

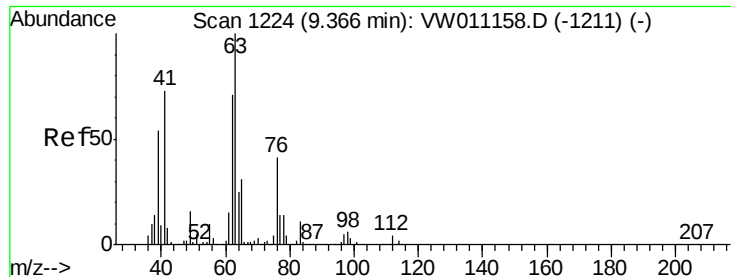
95 101.3 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

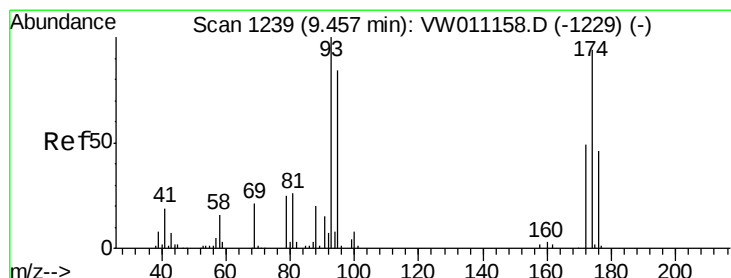
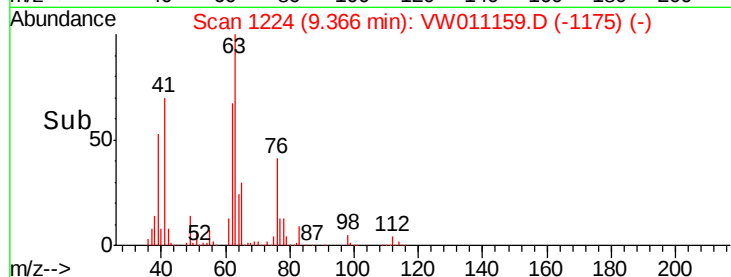
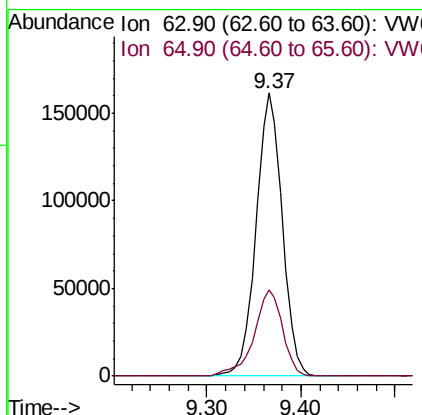
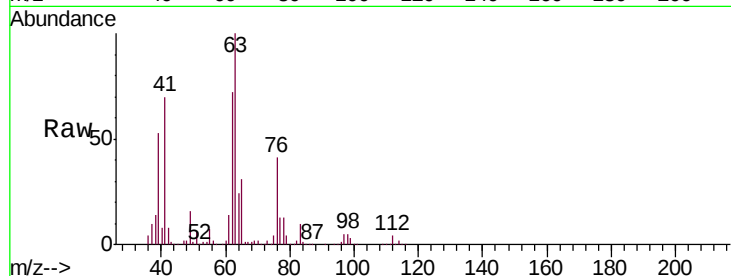




#45
 1,2-Dichloropropane
 Concen: 100.609 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

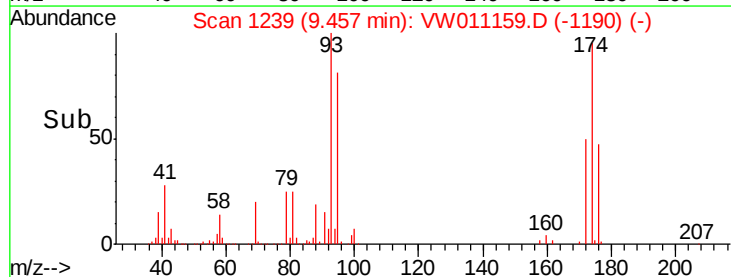
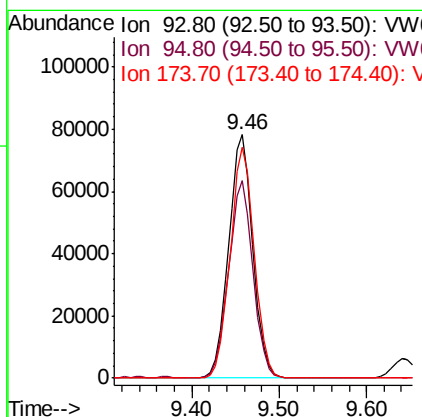
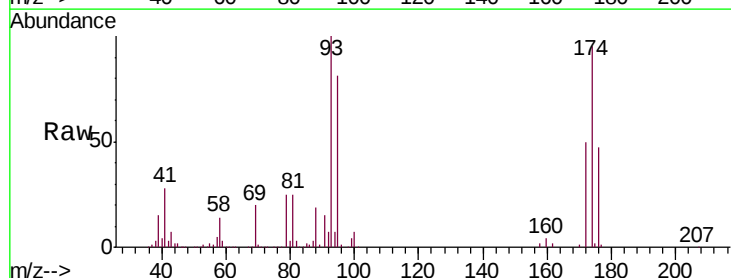
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

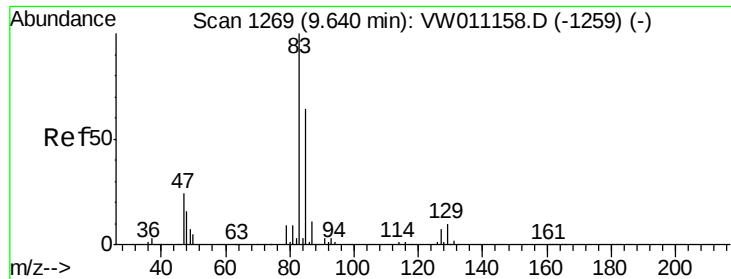
Tgt Ion: 63 Resp: 315643
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.4 36.6



#46
 Dibromomethane
 Concen: 101.379 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

Tgt Ion: 93 Resp: 149407
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.2 100.8
 174 95.2 76.3 114.5





#47

Bromodichloromethane

Concen: 102.779 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

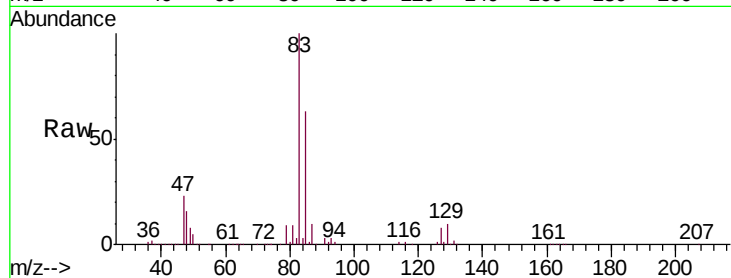
Tgt Ion: 83 Resp: 387566

Ion Ratio Lower Upper

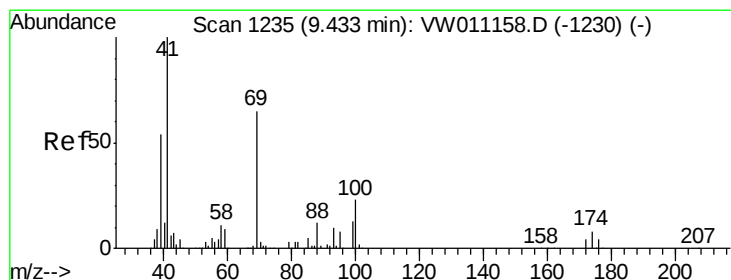
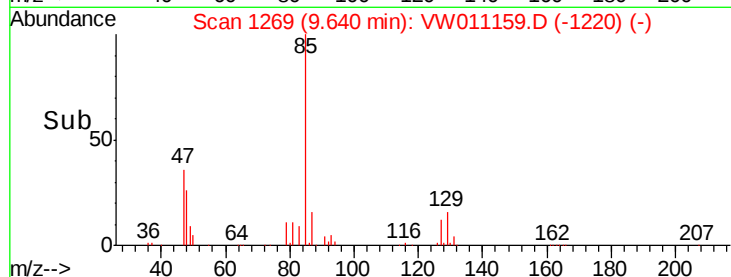
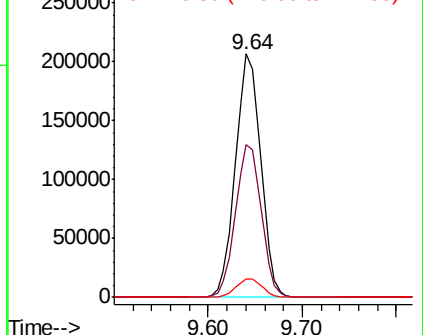
83 100

85 62.8 51.0 76.4

127 7.6 6.0 9.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 107.424 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

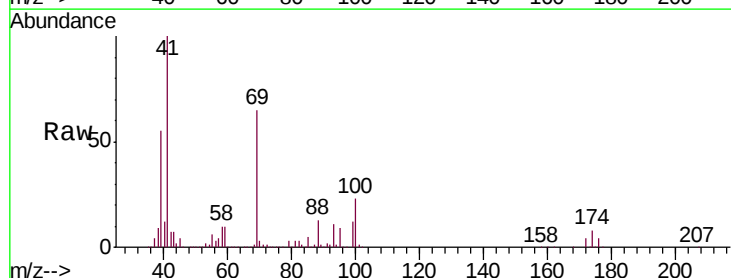
Tgt Ion: 41 Resp: 245766

Ion Ratio Lower Upper

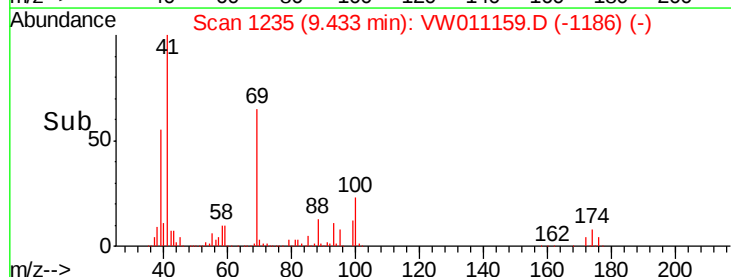
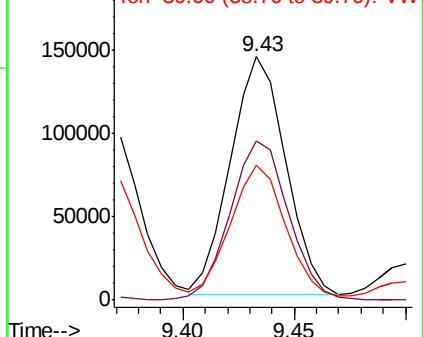
41 100

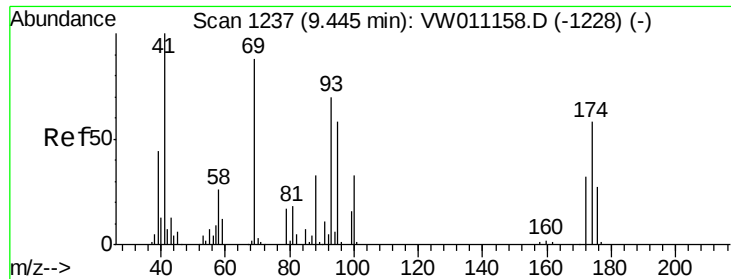
69 70.9 56.0 84.0

39 54.7 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

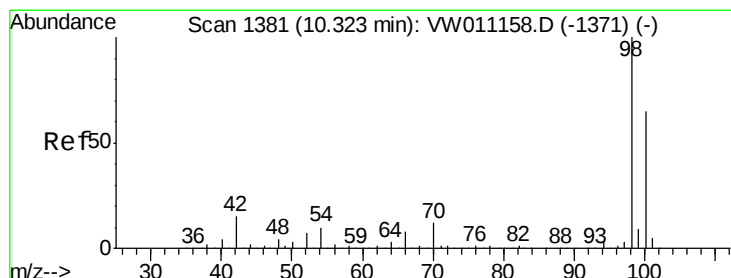
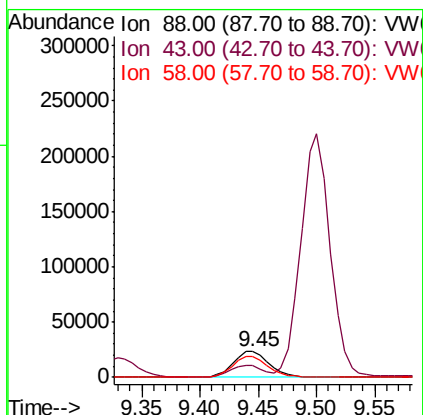
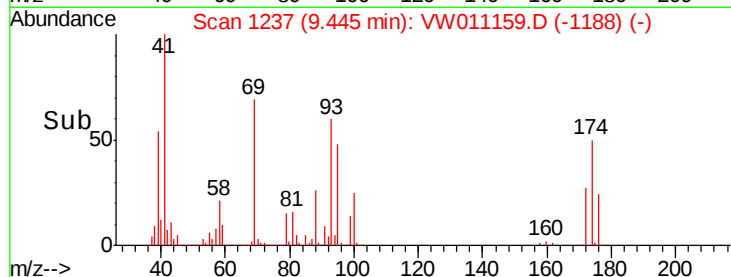
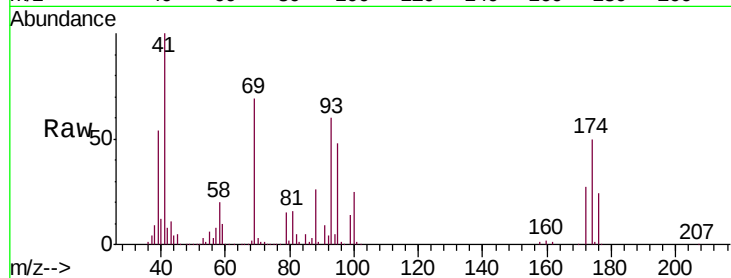




#49
1,4-Dioxane
Concen: 2057.964 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

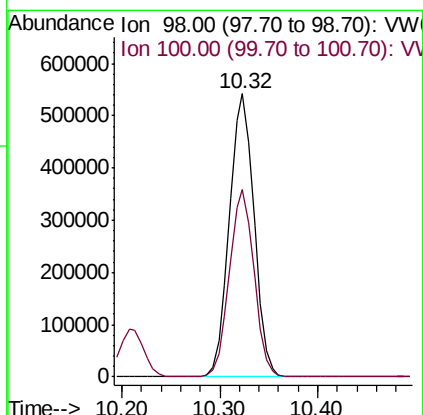
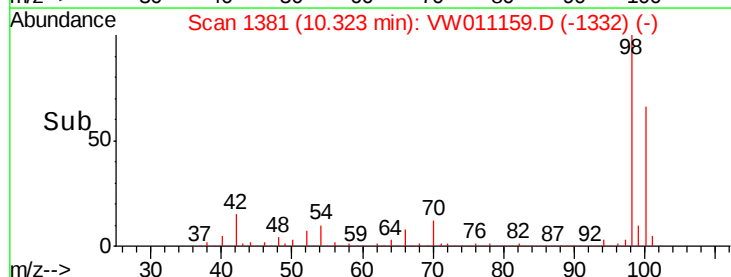
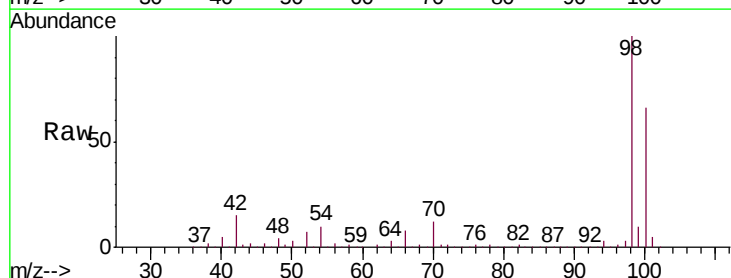
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

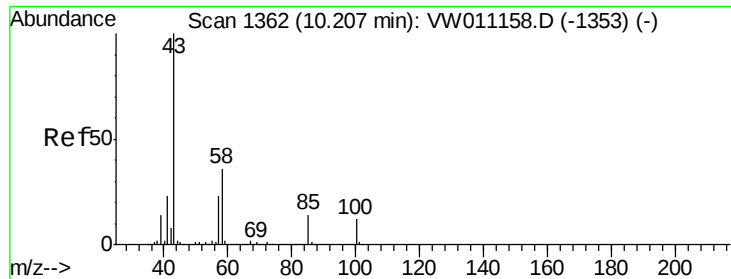
Tgt Ion: 88 Resp: 50625
Ion Ratio Lower Upper
88 100
43 44.2 33.4 50.0
58 83.2 64.5 96.7



#50
Toluene-d8
Concen: 100.077 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion: 98 Resp: 949191
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

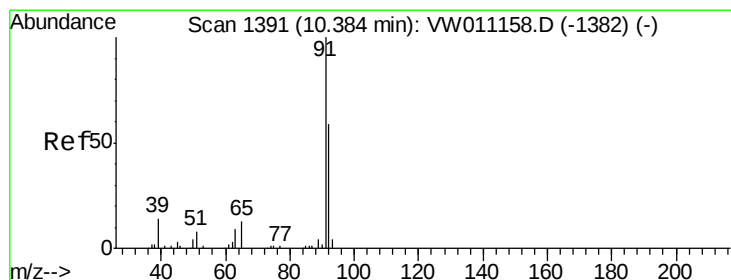
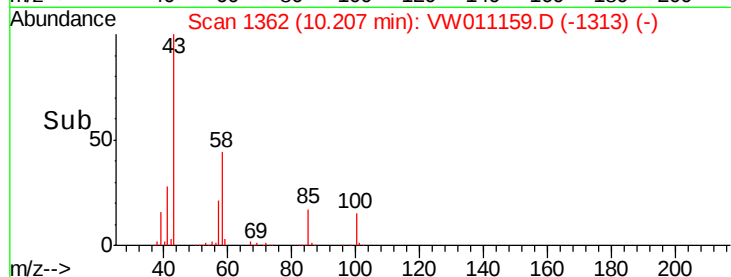
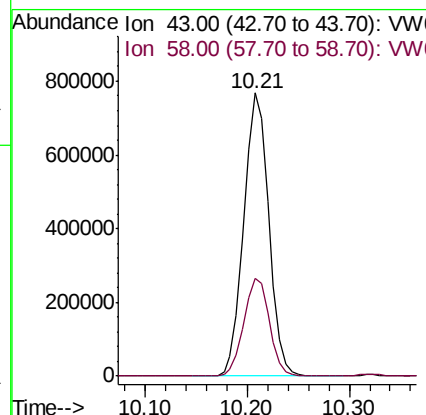
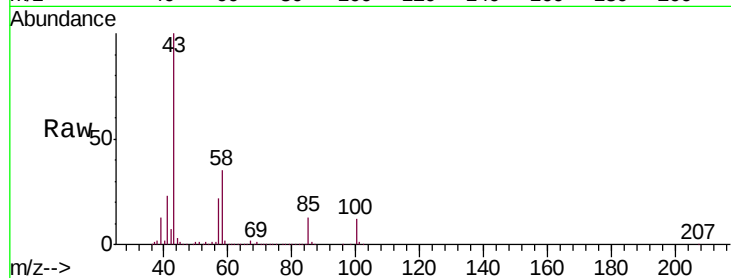




#51
 4-Methyl-2-Pentanone
 Concen: 523.923 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

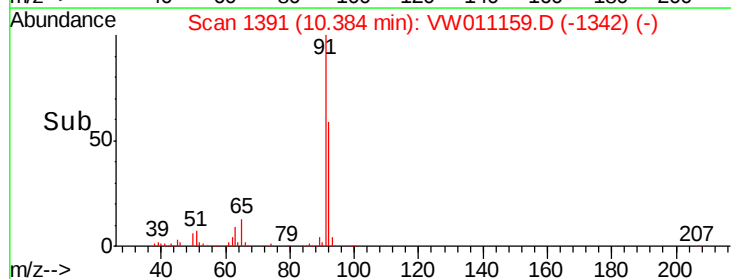
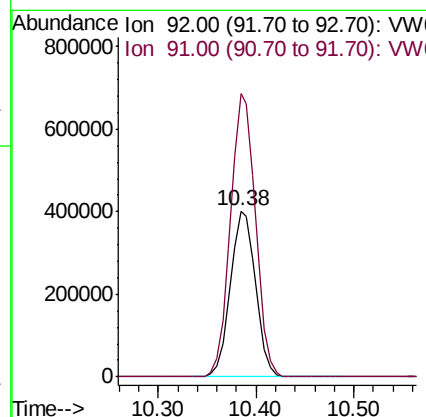
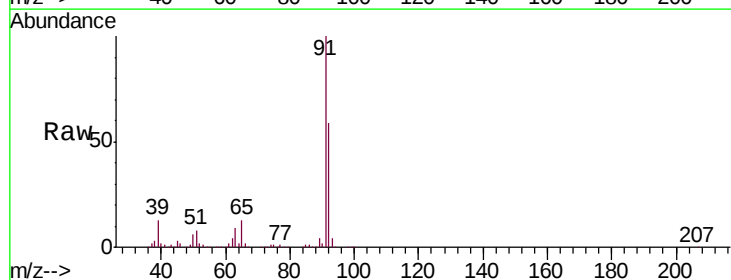
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

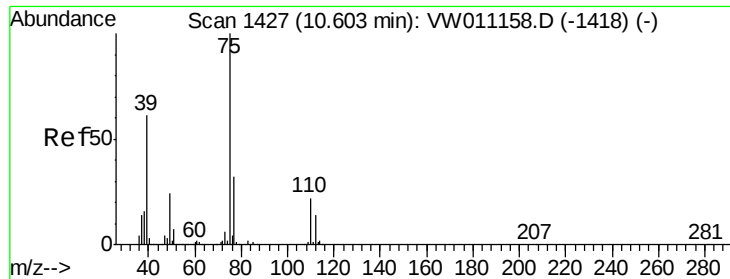
Tgt Ion: 43 Resp: 1301472
 Ion Ratio Lower Upper
 43 100
 58 35.3 28.2 42.2



#52
 Toluene
 Concen: 101.231 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

Tgt Ion: 92 Resp: 711441
 Ion Ratio Lower Upper
 92 100
 91 170.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 105.867 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

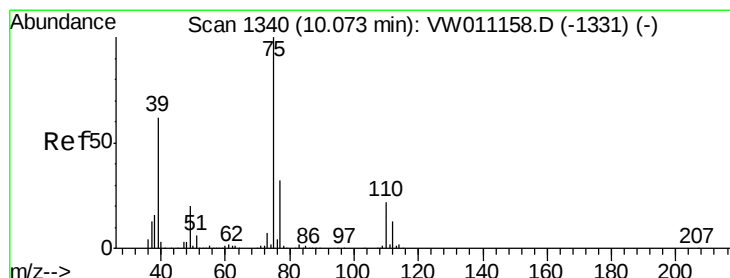
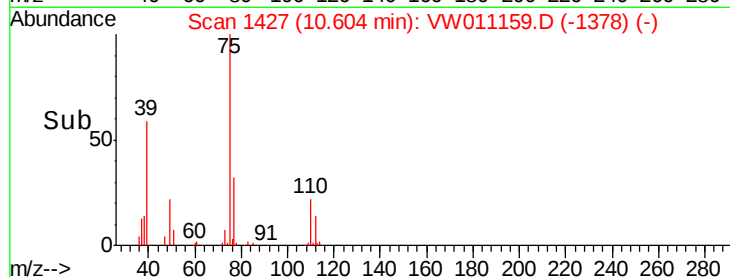
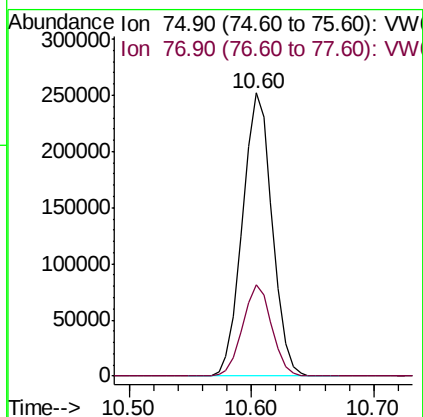
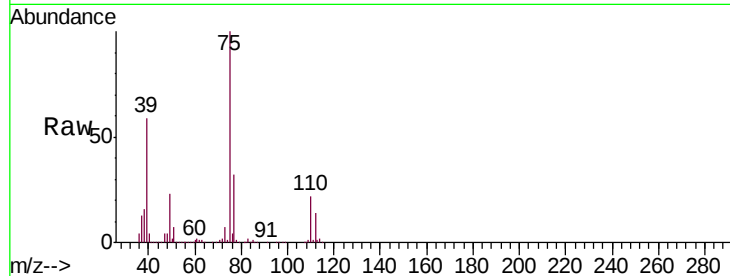
VSTDIC100

Tgt Ion: 75 Resp: 424933

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 104.664 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

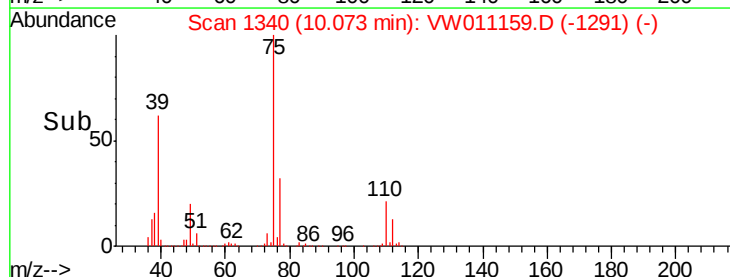
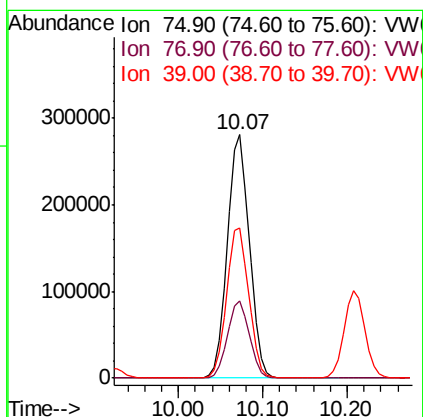
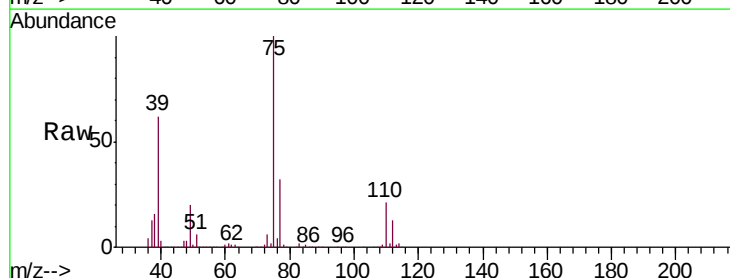
Tgt Ion: 75 Resp: 494485

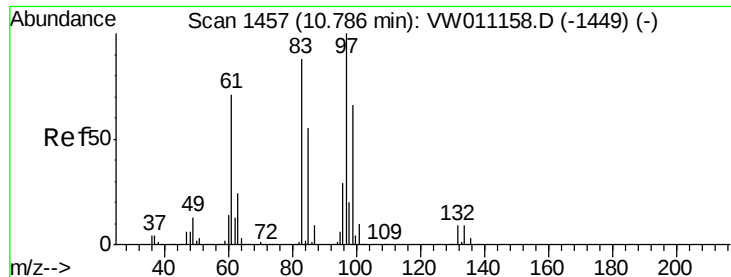
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

39 61.9 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 102.265 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 213811

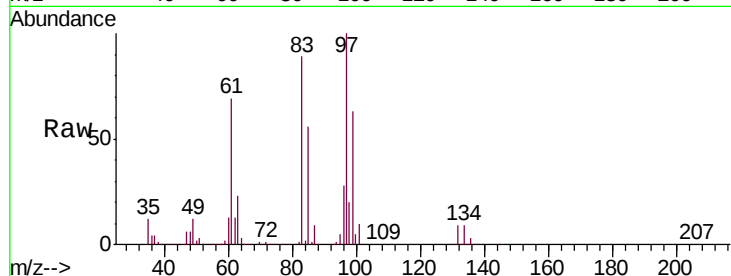
Ion Ratio Lower Upper

97 100

83 88.5 70.2 105.4

85 56.3 44.2 66.2

99 63.0 52.6 79.0

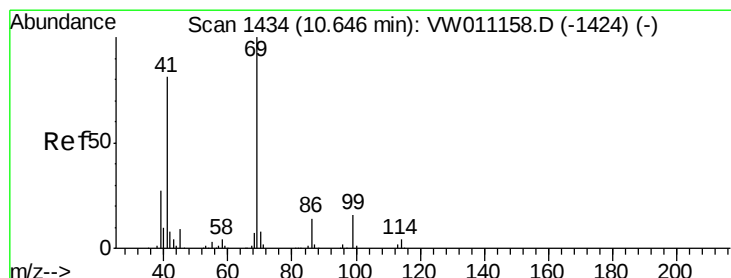
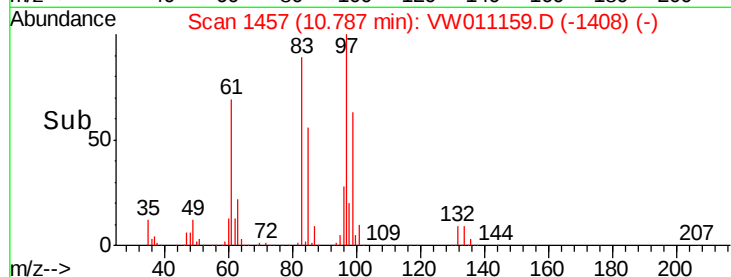
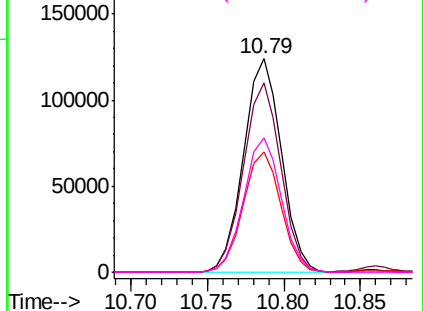


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 107.747 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

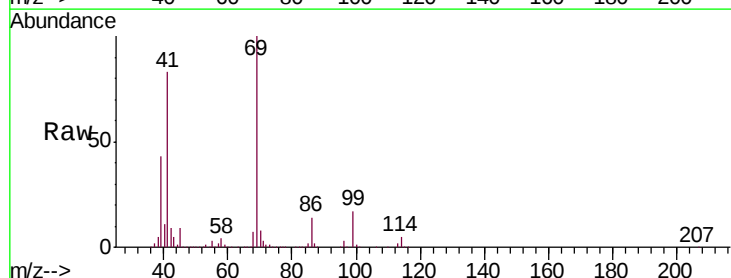
Tgt Ion: 69 Resp: 342974

Ion Ratio Lower Upper

69 100

41 83.8 66.5 99.7

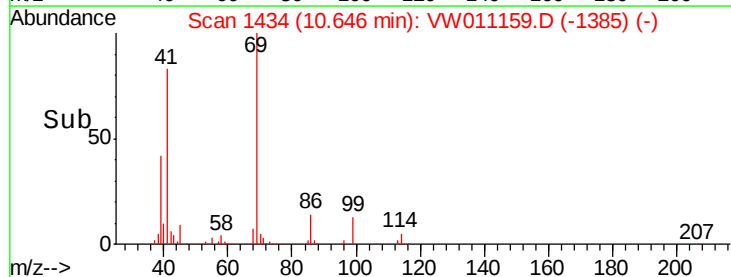
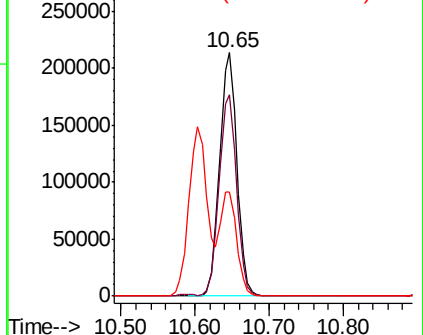
39 39.6 32.5 48.7

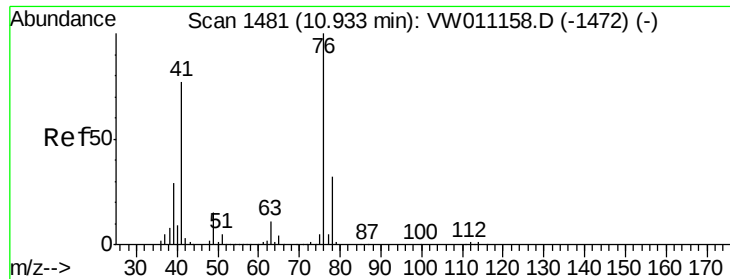


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

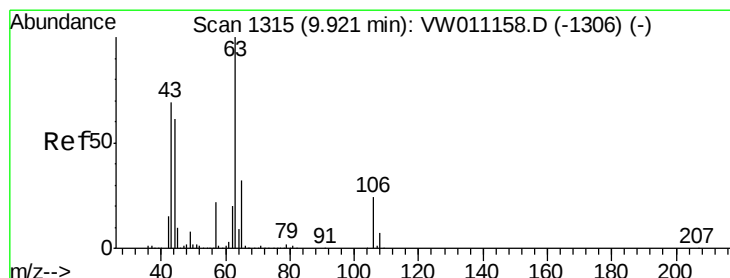
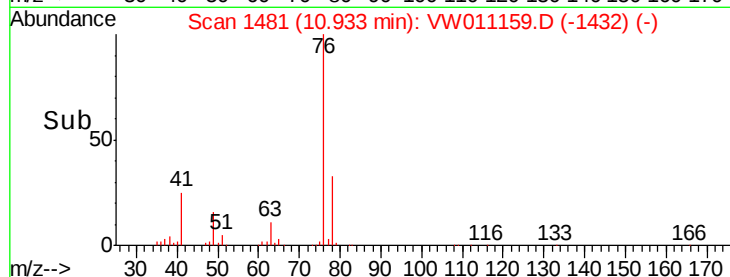
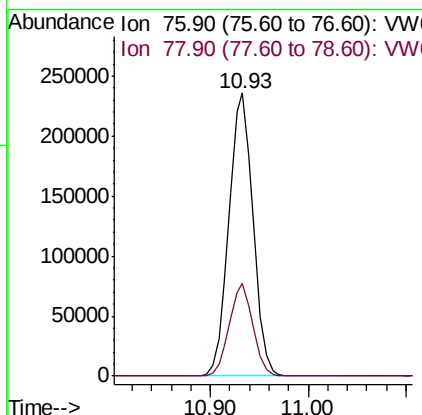
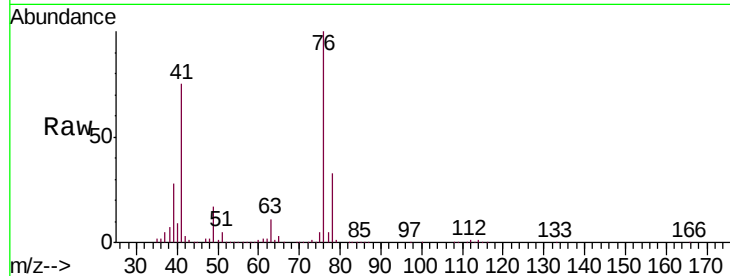




#57
 1,3-Dichloropropane
 Concen: 101.786 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

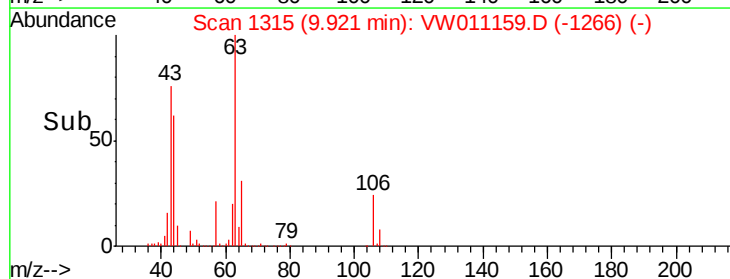
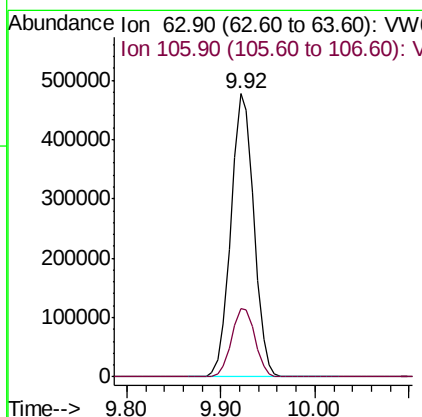
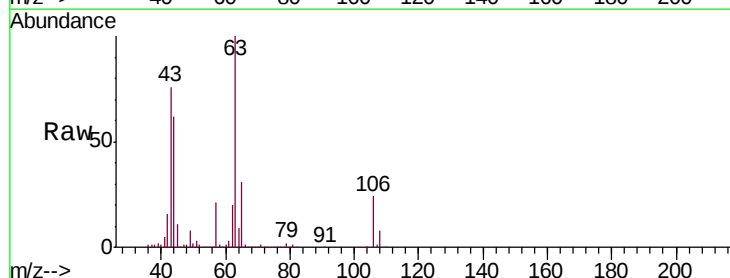
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

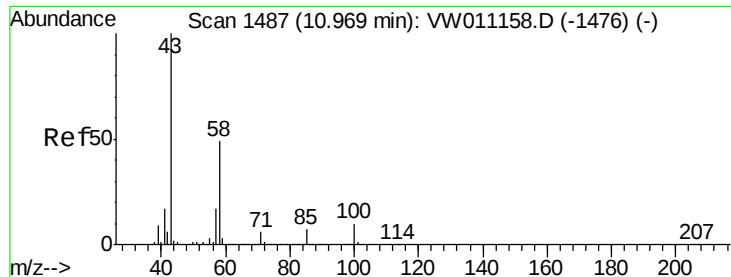
Tgt Ion: 76 Resp: 402424
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 546.816 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

Tgt Ion: 63 Resp: 806934
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.4 29.0

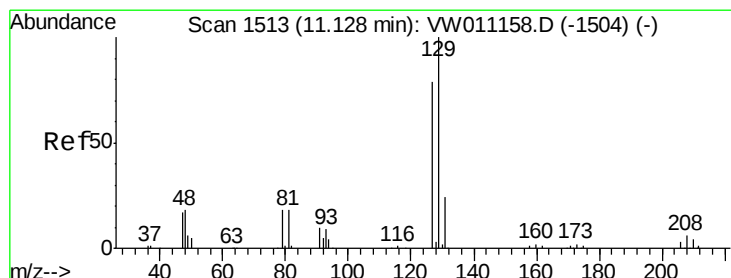
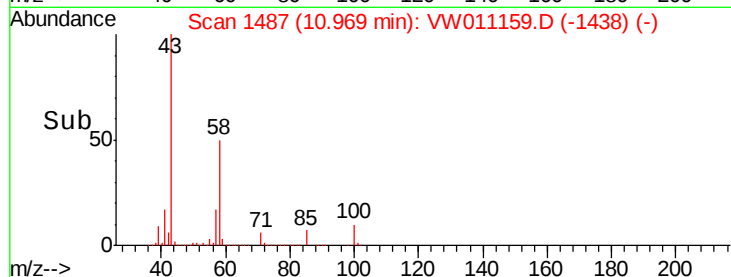
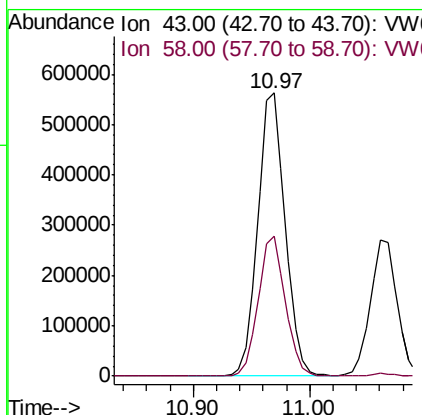
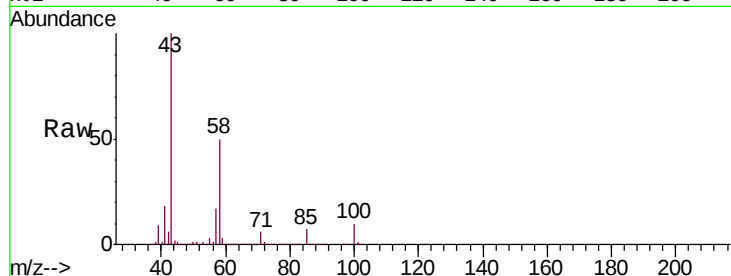




#59
2-Hexanone
Concen: 532.515 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

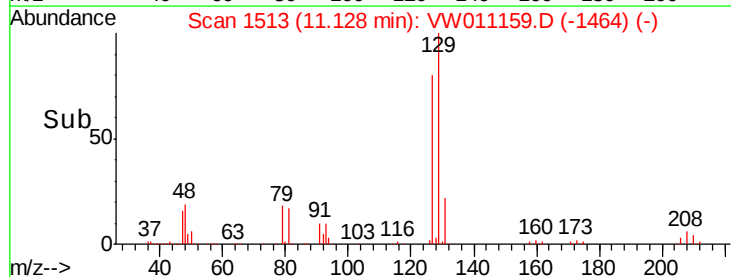
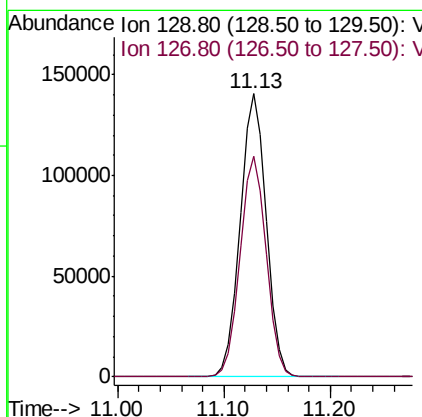
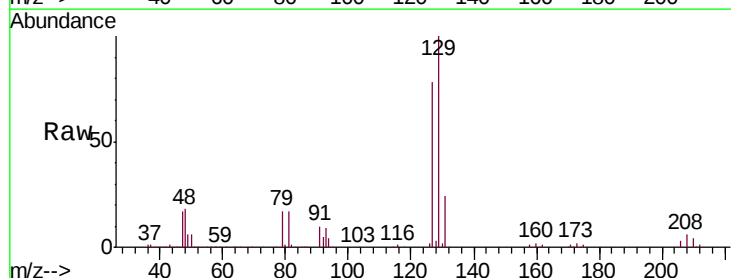
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

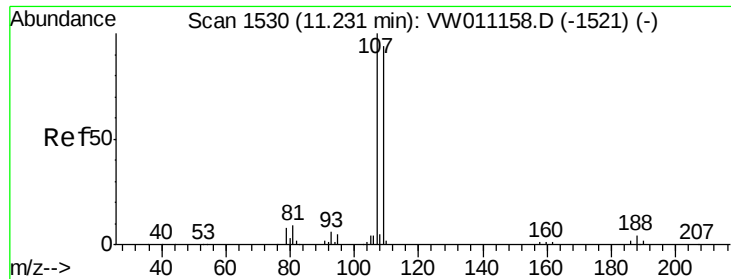
Tgt Ion: 43 Resp: 917373
Ion Ratio Lower Upper
43 100
58 48.9 24.4 73.4



#60
Dibromochloromethane
Concen: 105.239 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion: 129 Resp: 241277
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.3

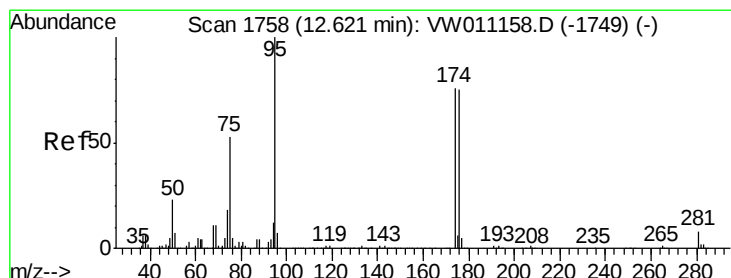
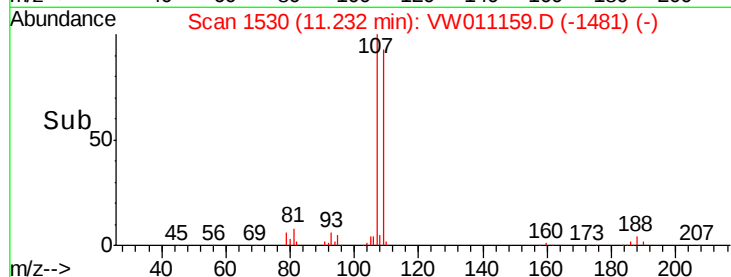
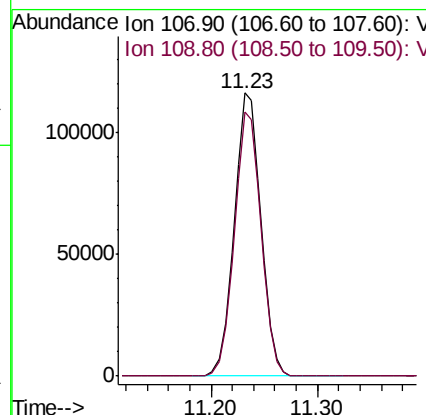
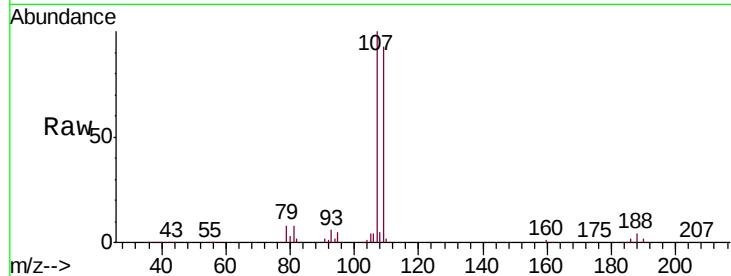




#61
 1,2-Dibromoethane
 Concen: 102.673 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

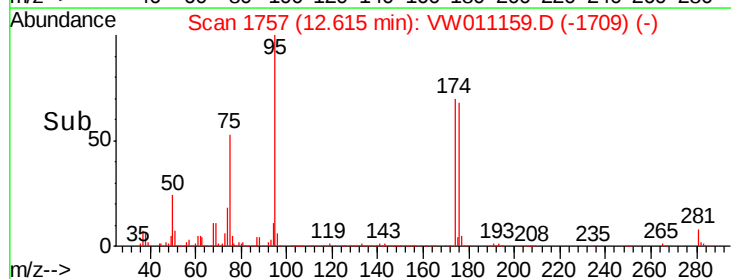
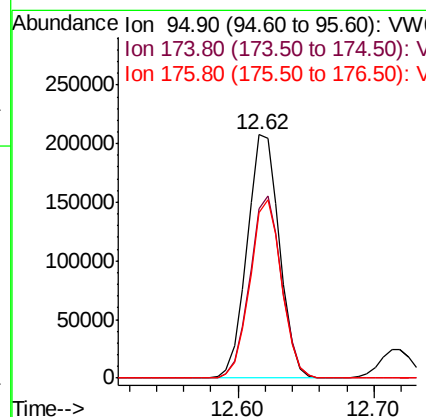
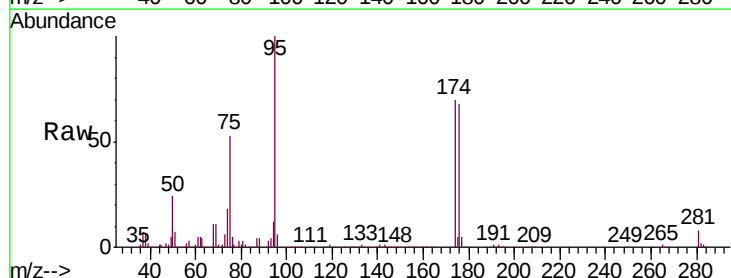
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

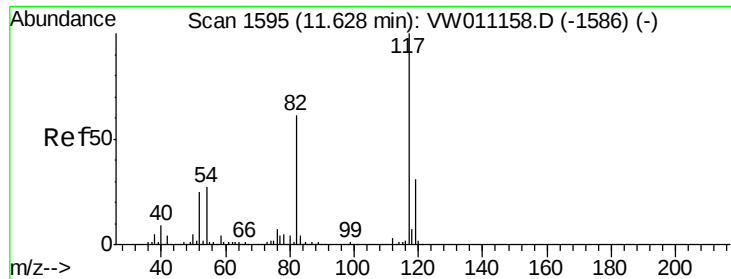
Tgt Ion: 107 Resp: 203337
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 99.386 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

Tgt Ion: 95 Resp: 345509
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 147.6
 176 71.6 0.0 144.6

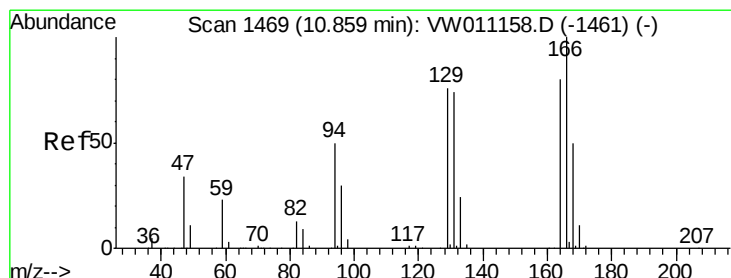
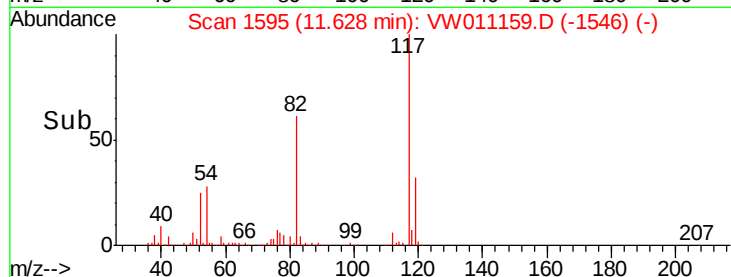
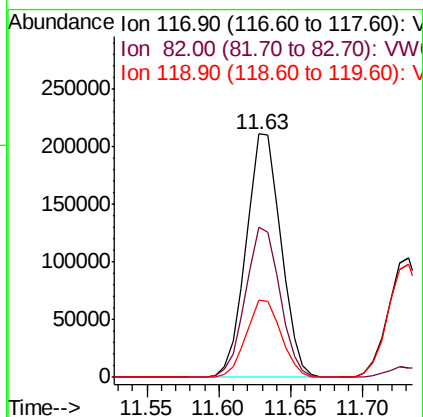
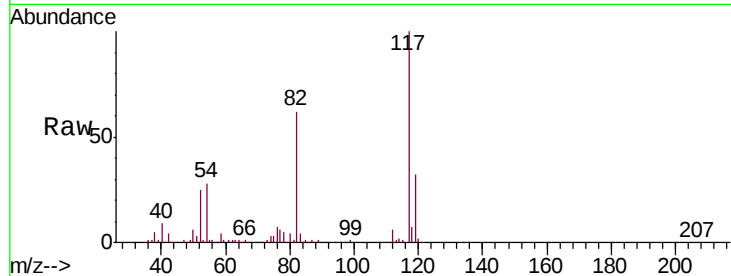




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

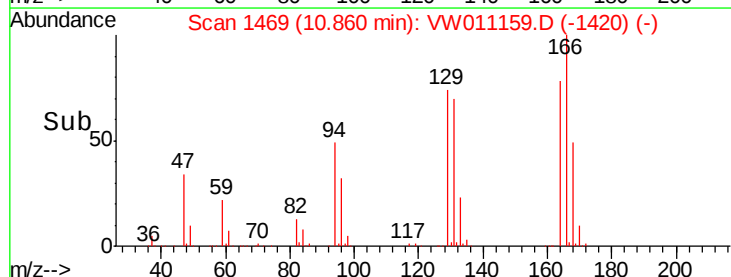
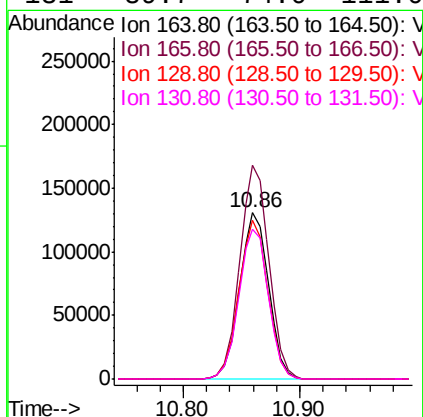
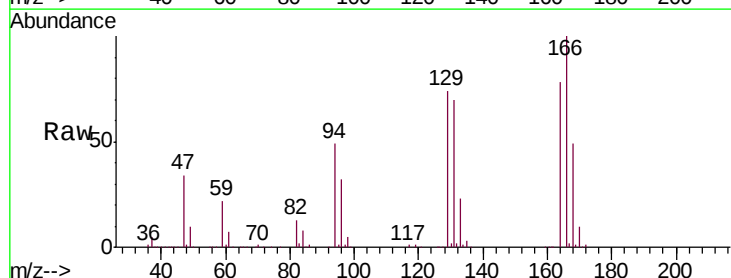
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

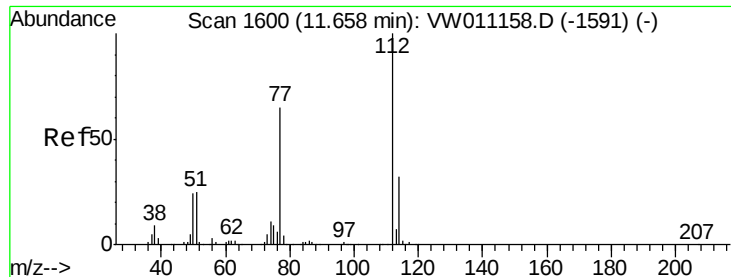
Tgt Ion:117 Resp: 354182
Ion Ratio Lower Upper
117 100
82 61.5 48.9 73.3
119 31.6 25.0 37.6



#64
Tetrachloroethene
Concen: 94.886 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion:164 Resp: 226772
Ion Ratio Lower Upper
164 100
166 128.4 99.7 149.5
129 95.4 76.2 114.2
131 89.7 74.0 111.0

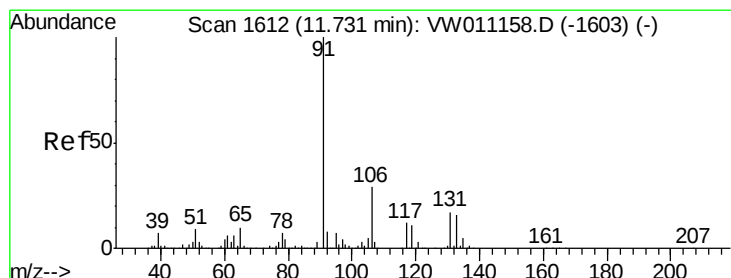
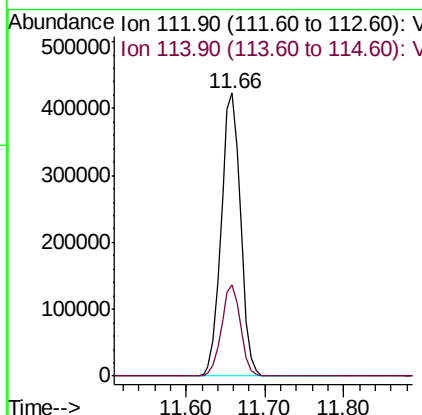
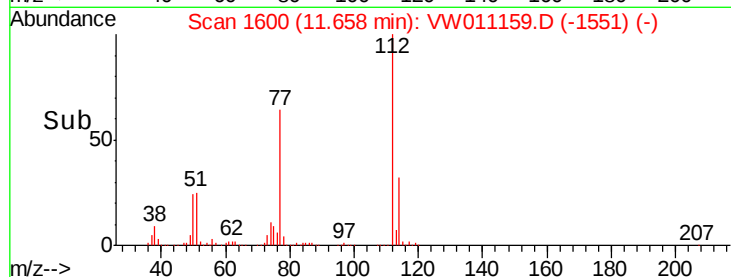
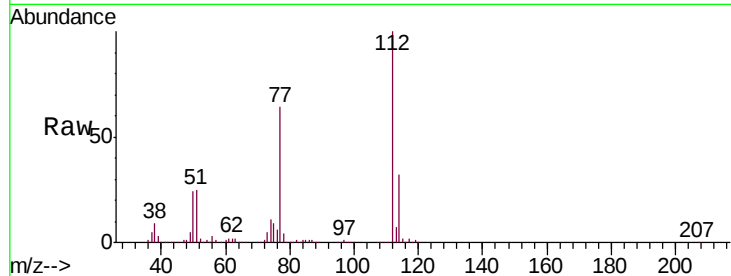




#65
Chlorobenzene
Concen: 99.673 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

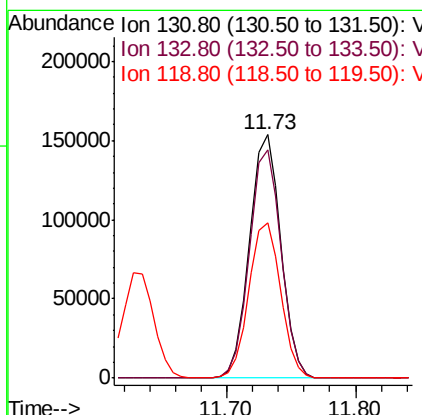
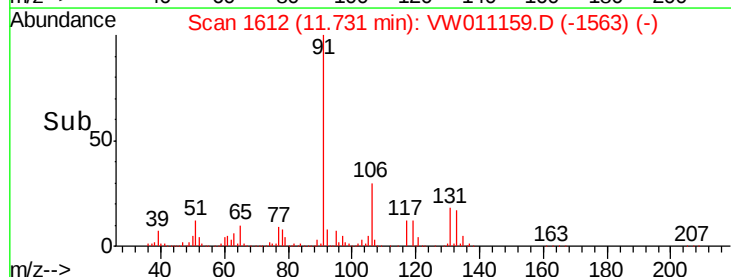
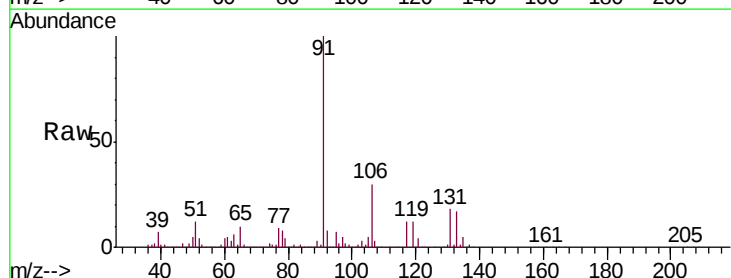
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

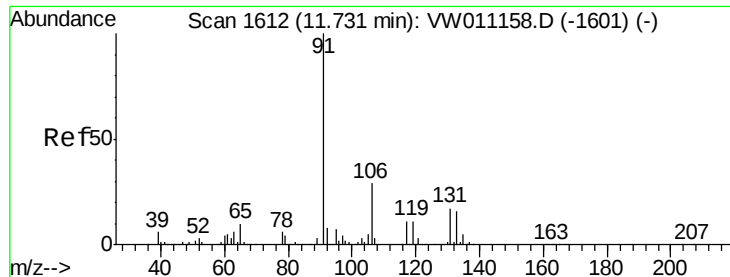
Tgt Ion:112 Resp: 717741
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 101.259 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion:131 Resp: 256738
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.8
119 65.0 33.1 99.2

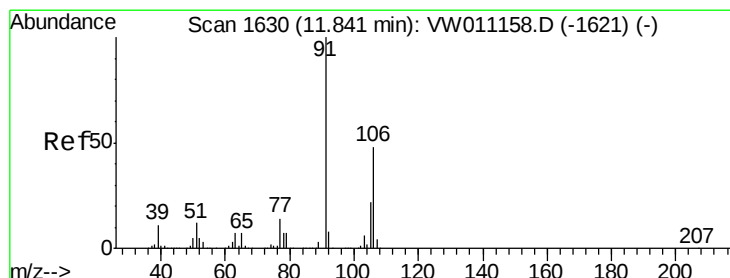
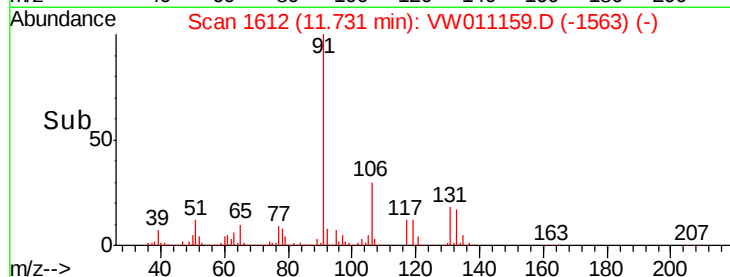
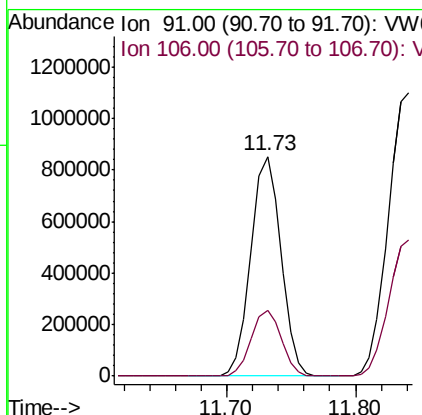
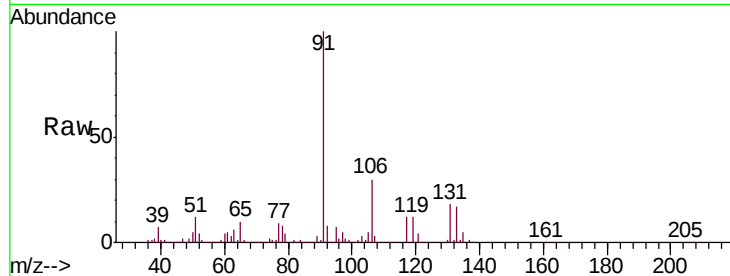




#67
Ethyl Benzene
Concen: 99.692 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

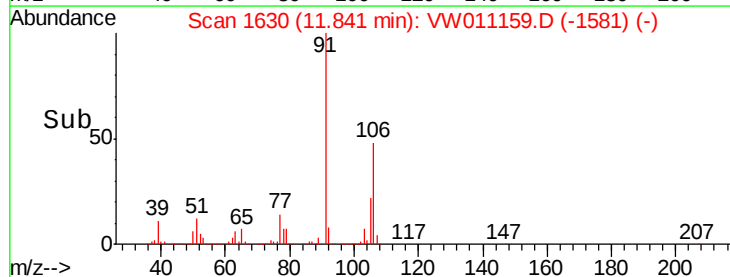
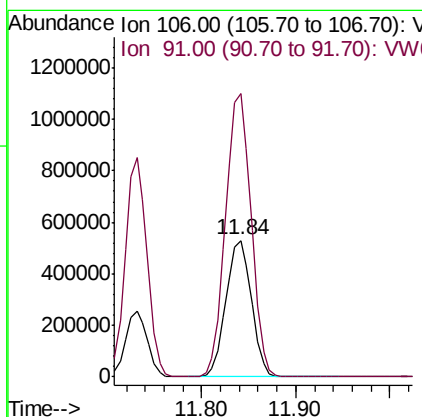
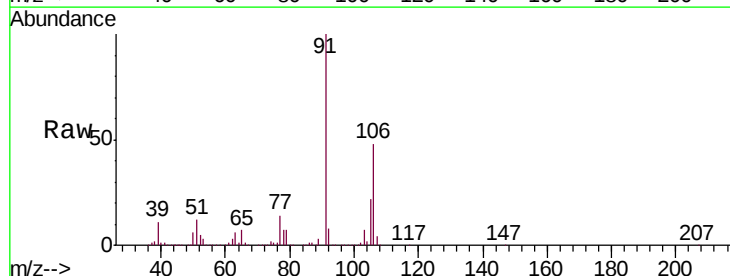
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

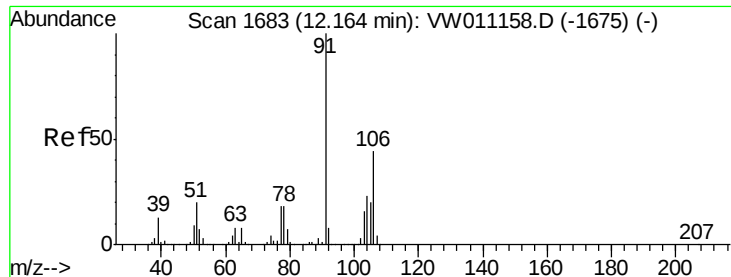
Tgt Ion: 91 Resp: 1374266
Ion Ratio Lower Upper
91 100
106 30.2 23.5 35.3



#68
m/p-Xylenes
Concen: 198.600 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion: 106 Resp: 990624
Ion Ratio Lower Upper
106 100
91 209.1 167.7 251.5

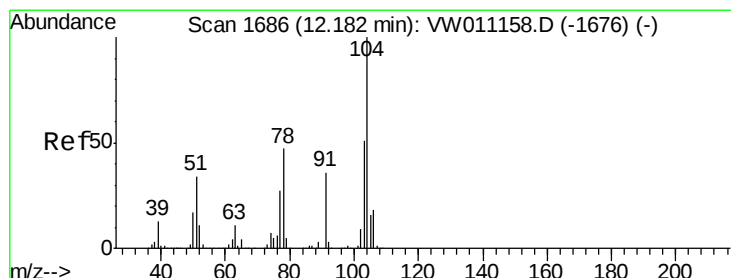
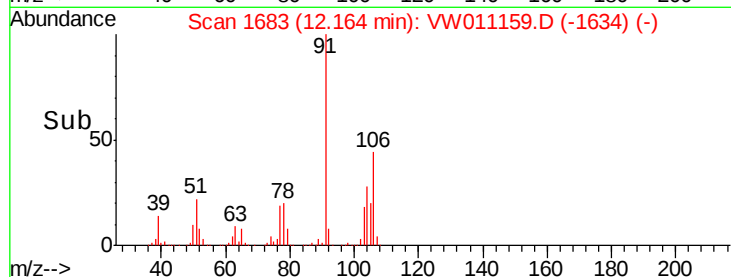
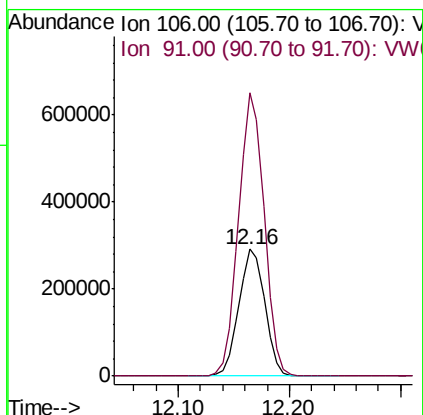
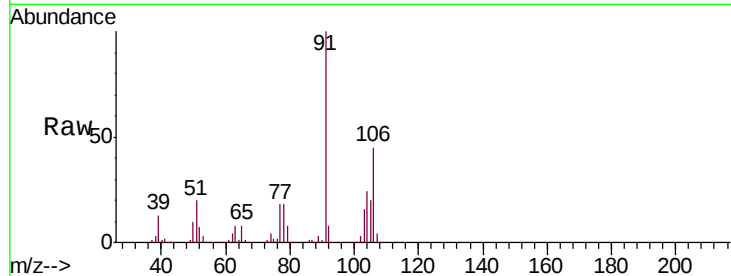




#69
o-Xylene
Concen: 100.502 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

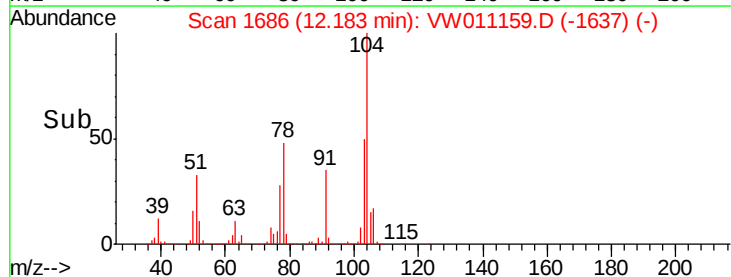
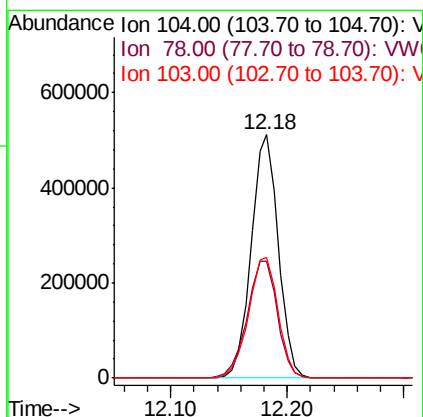
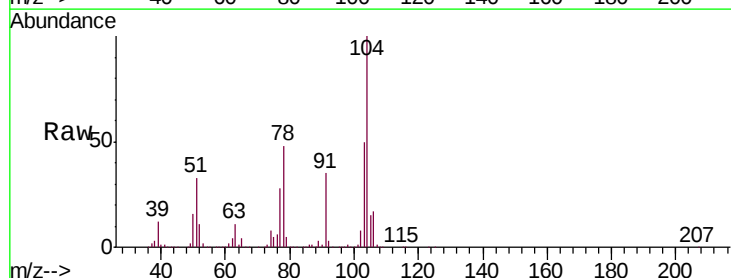
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

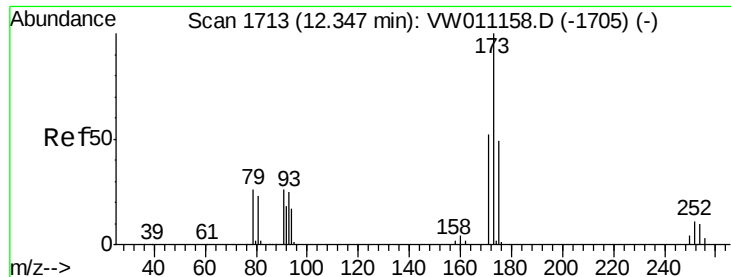
Tgt Ion:106 Resp: 472493
Ion Ratio Lower Upper
106 100
91 220.2 110.7 332.1



#70
Styrene
Concen: 102.393 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion:104 Resp: 830779
Ion Ratio Lower Upper
104 100
78 53.6 43.1 64.7
103 54.2 44.1 66.1

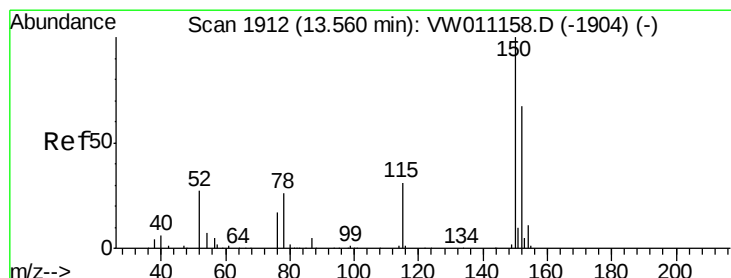
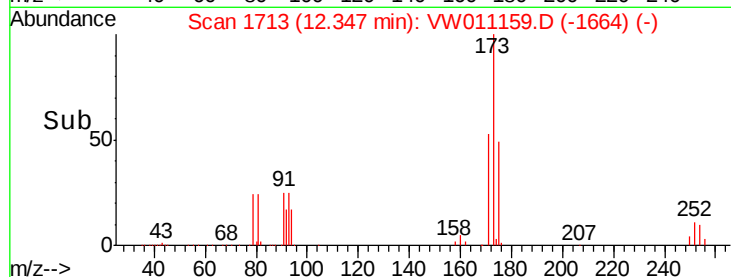
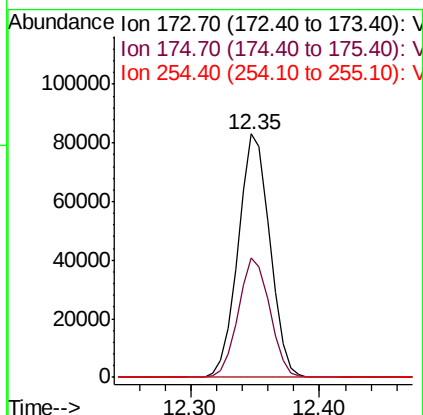
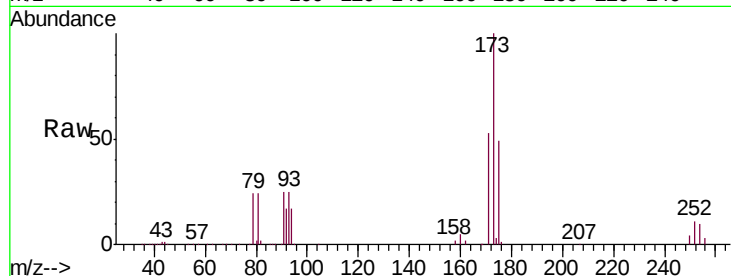




#71
Bromoform
Concen: 104.416 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

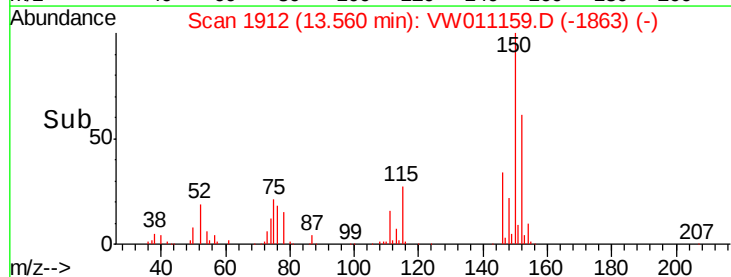
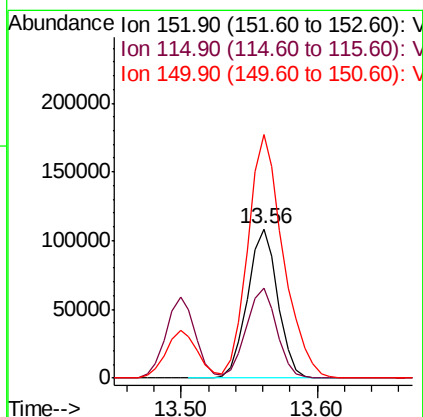
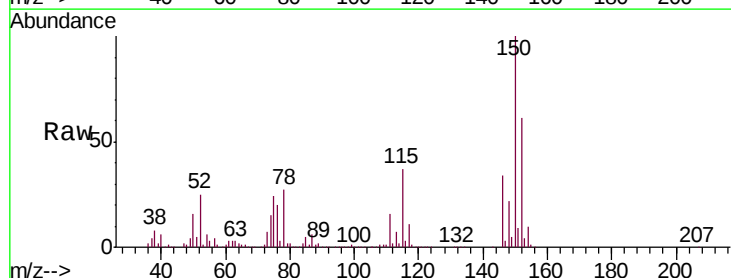
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

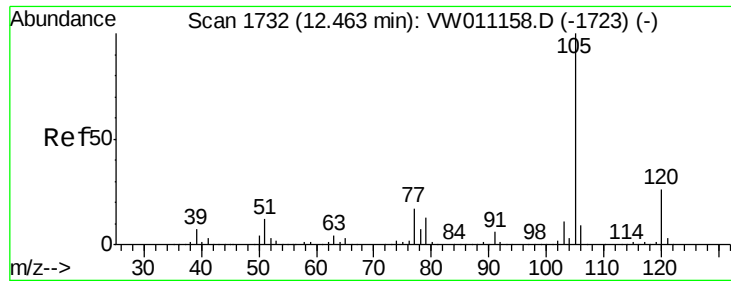
Tgt Ion:173 Resp: 140759
Ion Ratio Lower Upper
173 100
175 48.8 24.8 74.3
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion:152 Resp: 169177
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.3
150 190.1 0.0 346.0





#73

Isopropylbenzene

Concen: 100.434 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

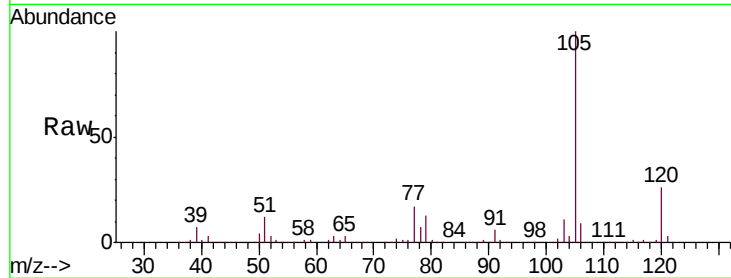
VSTDIC100

Tgt Ion:105 Resp: 1270145

Ion Ratio Lower Upper

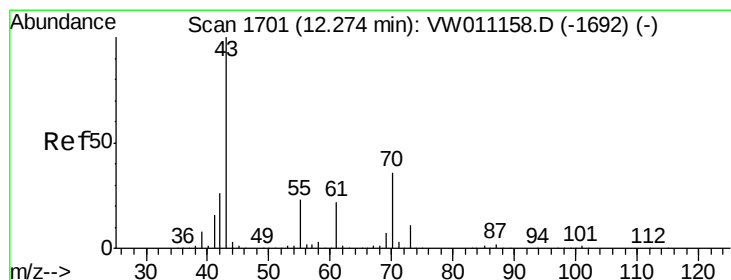
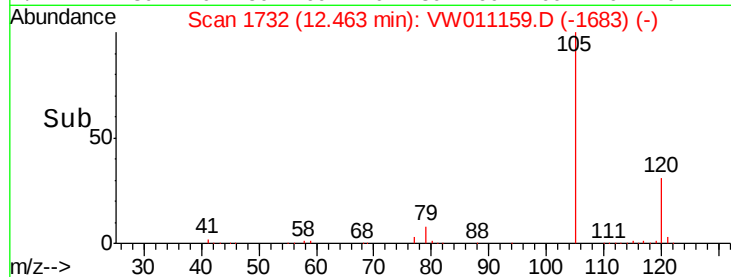
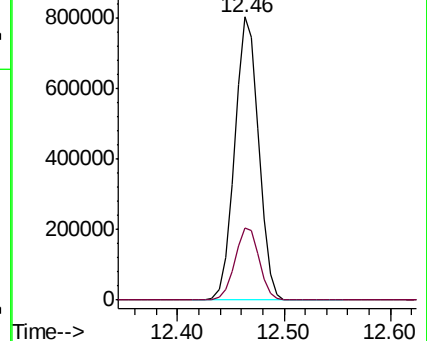
105 100

120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 106.253 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Tgt Ion: 43 Resp: 467990

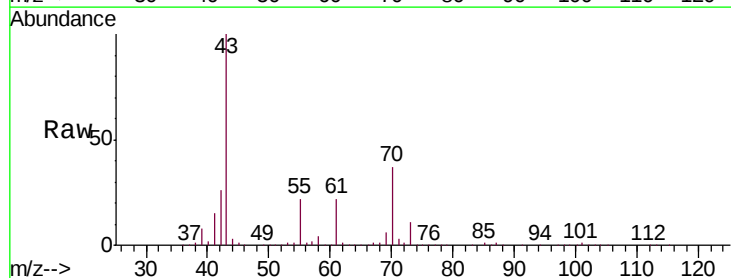
Ion Ratio Lower Upper

43 100

70 36.1 28.5 42.7

55 21.7 18.1 27.1

61 21.4 17.2 25.8

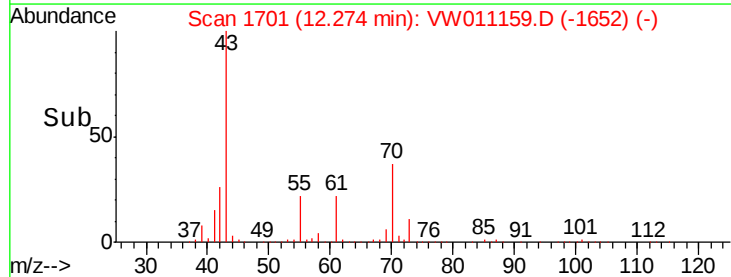
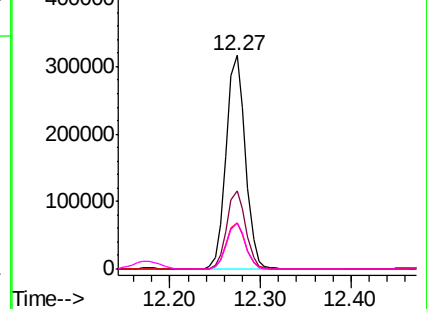


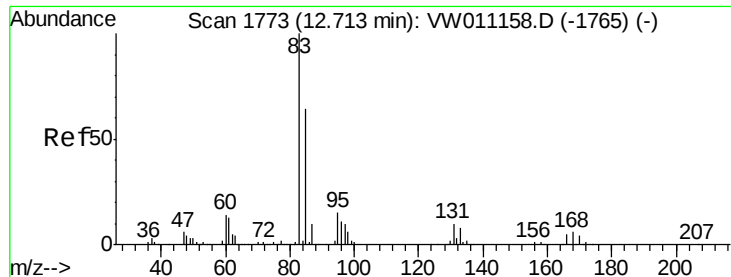
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 101.171 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

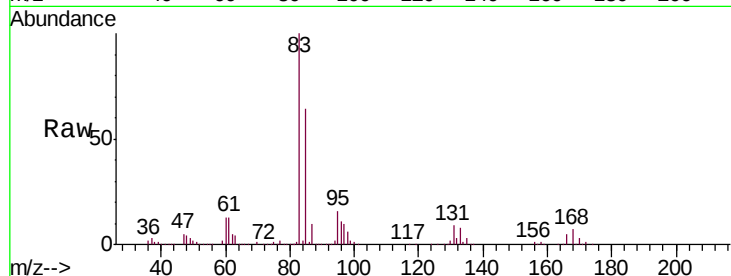
Tgt Ion: 83 Resp: 262273

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

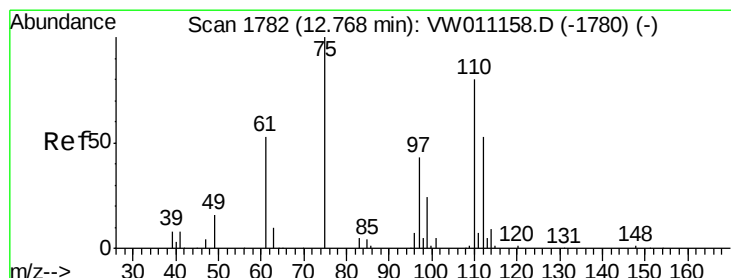
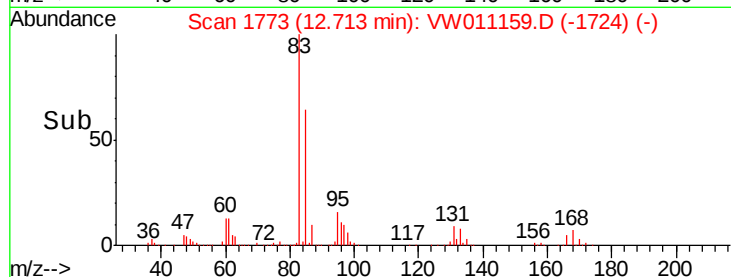
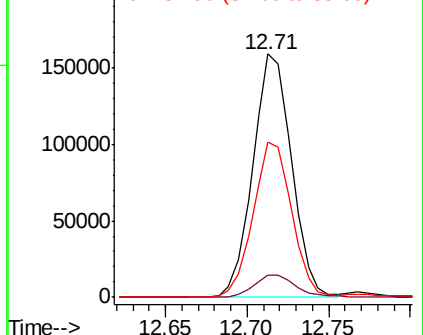
85 63.6 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 181.238 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW011159.D

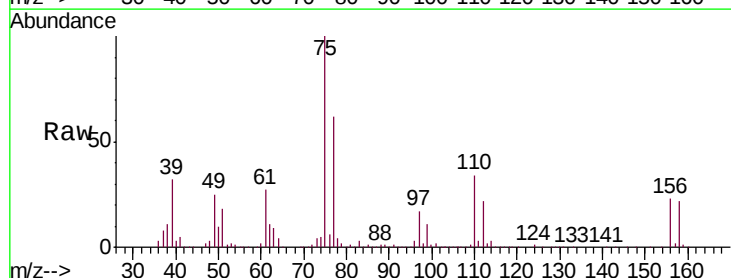
Acq: 08 Jul 2019 12:28

Tgt Ion: 75 Resp: 355291

Ion Ratio Lower Upper

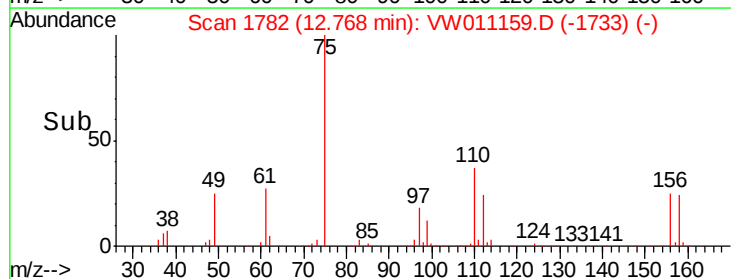
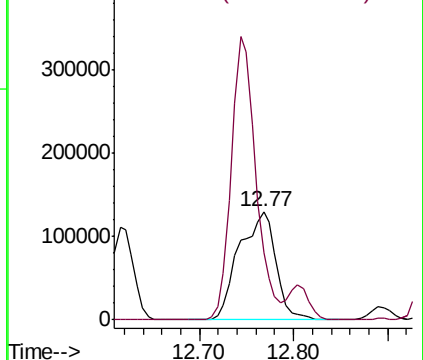
75 100

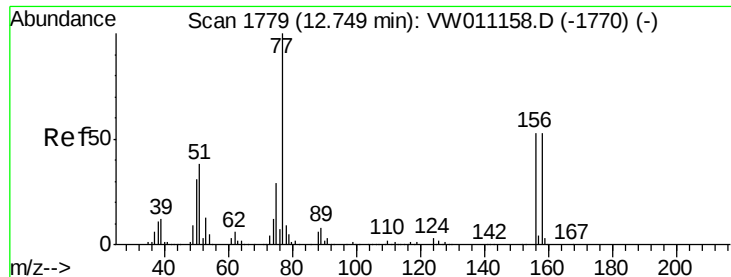
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 100.737 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

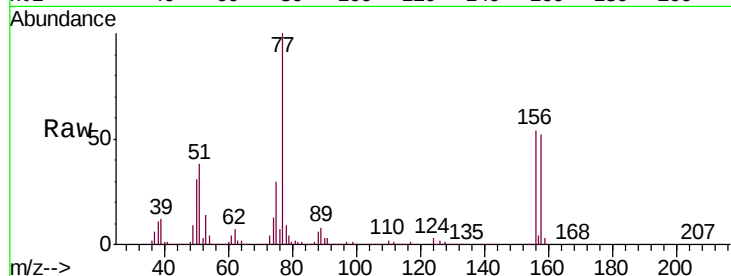
Tgt Ion:156 Resp: 285904

Ion Ratio Lower Upper

156 100

77 217.1 109.0 327.0

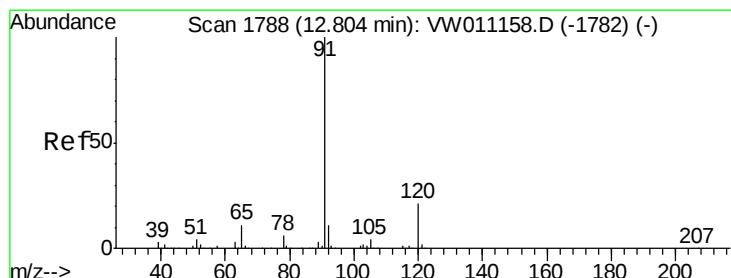
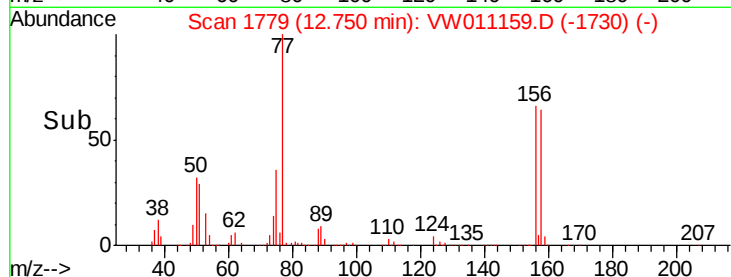
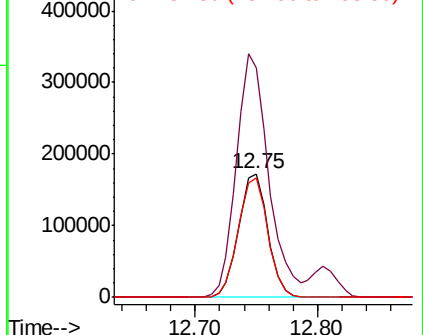
158 97.2 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.289 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011159.D

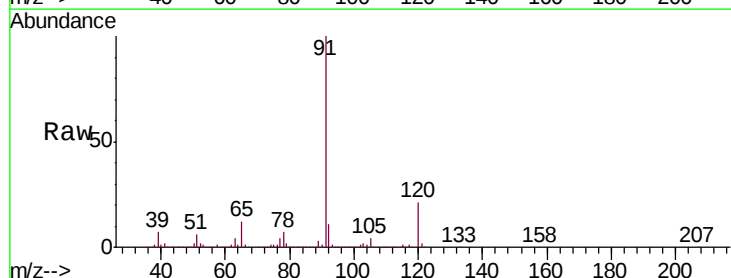
Acq: 08 Jul 2019 12:28

Tgt Ion: 91 Resp: 1546815

Ion Ratio Lower Upper

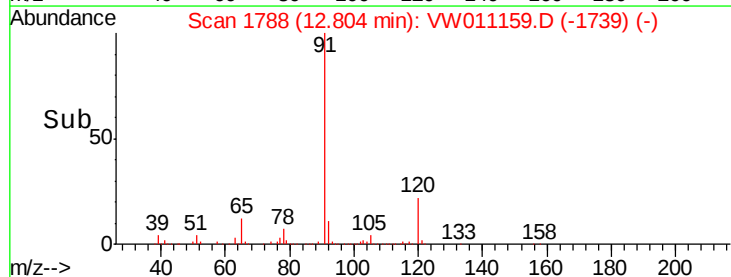
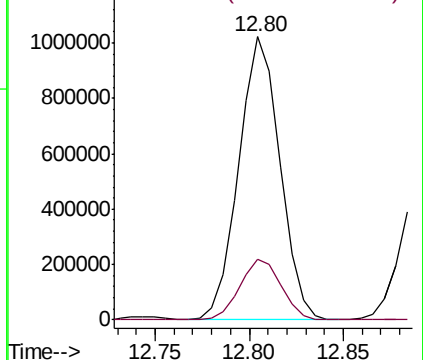
91 100

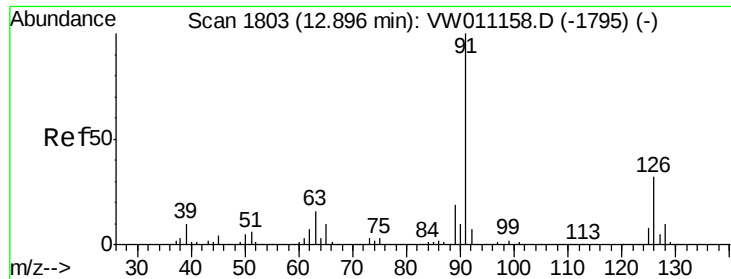
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 99.612 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

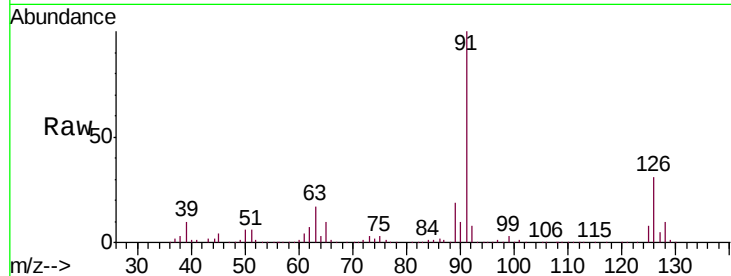
VSTDIC100

Tgt Ion: 91 Resp: 893008

Ion Ratio Lower Upper

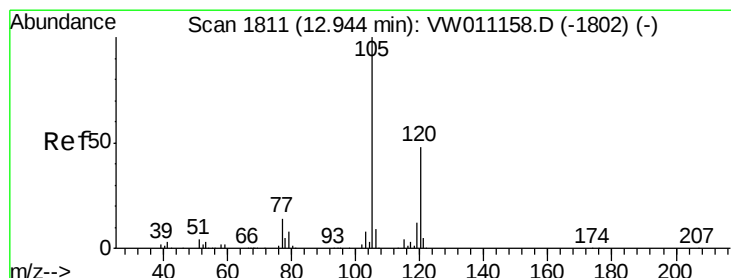
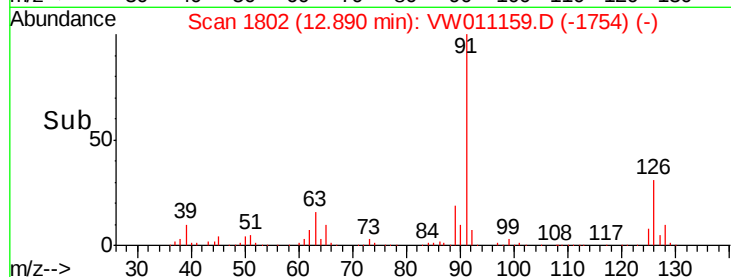
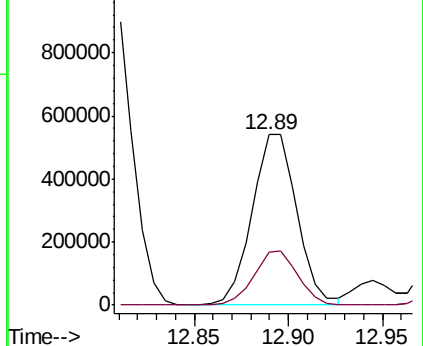
91 100

126 31.0 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 99.692 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011159.D

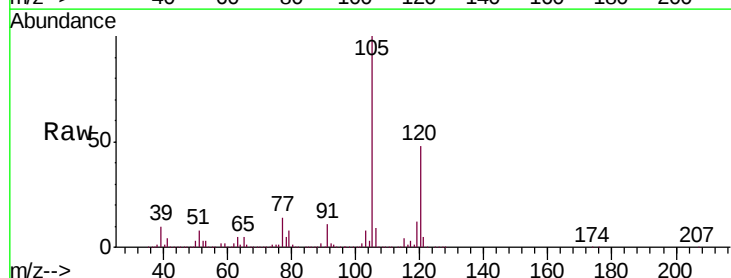
Acq: 08 Jul 2019 12:28

Tgt Ion: 105 Resp: 1071083

Ion Ratio Lower Upper

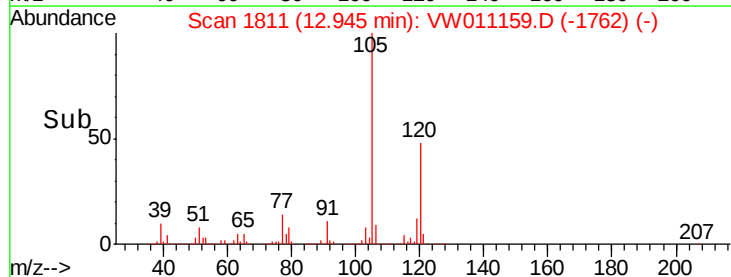
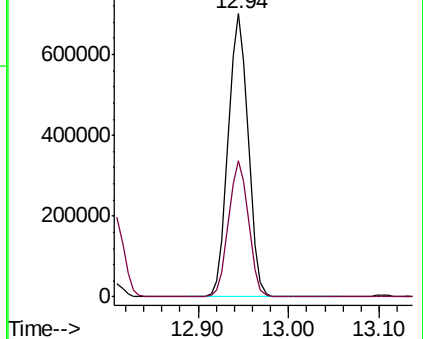
105 100

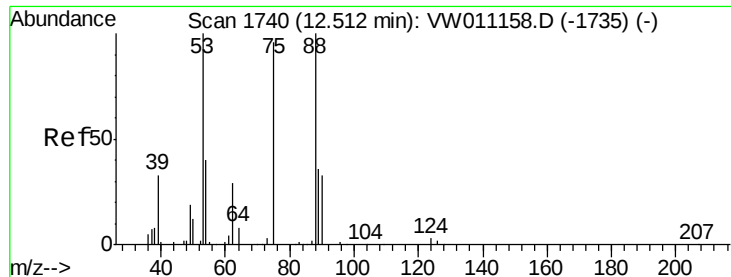
120 47.8 24.1 72.2



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: 110.034 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

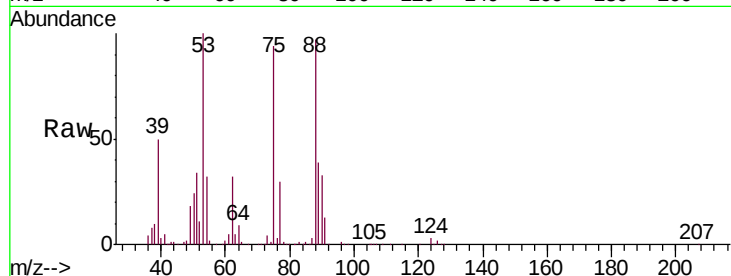
Tgt Ion: 75 Resp: 95111

Ion Ratio Lower Upper

75 100

53 106.1 89.8 134.6

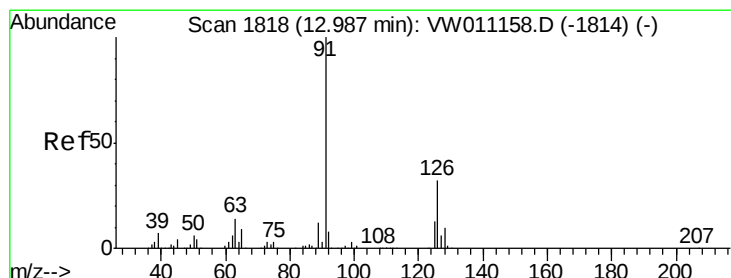
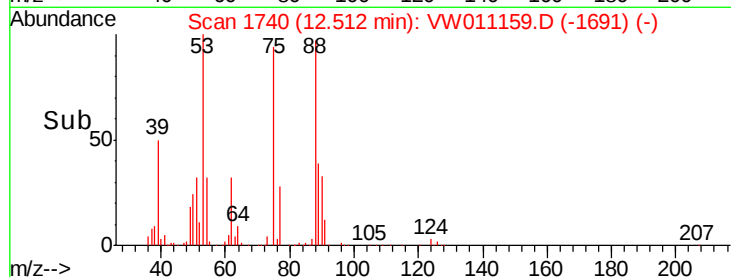
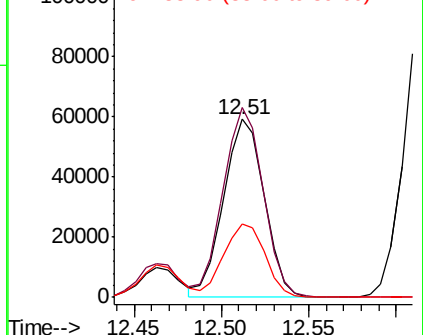
89 41.9 34.3 51.5



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 98.468 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW011159.D

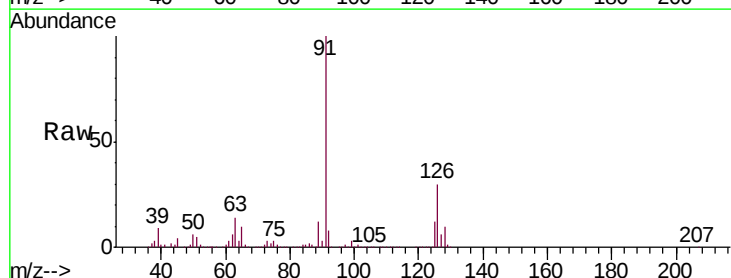
Acq: 08 Jul 2019 12:28

Tgt Ion: 91 Resp: 919440

Ion Ratio Lower Upper

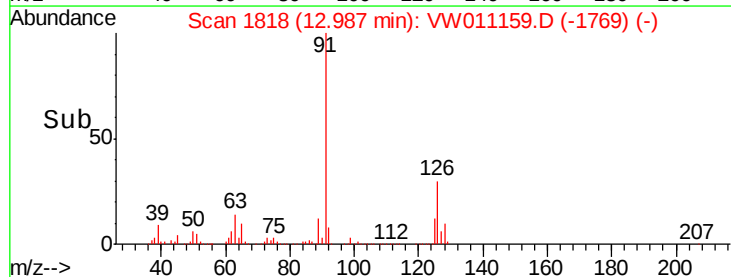
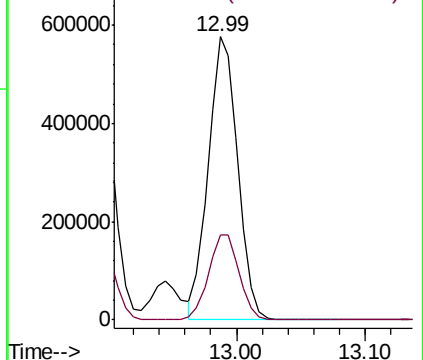
91 100

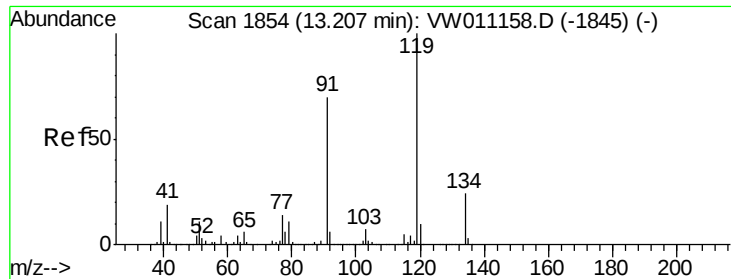
126 31.4 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

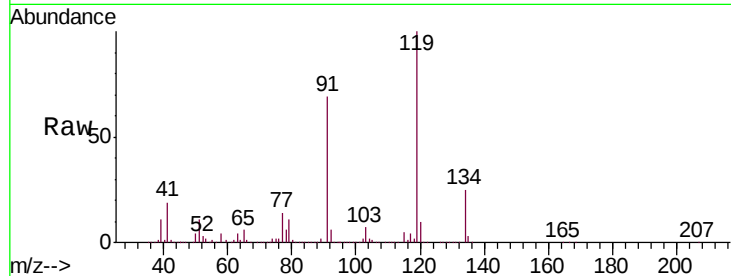




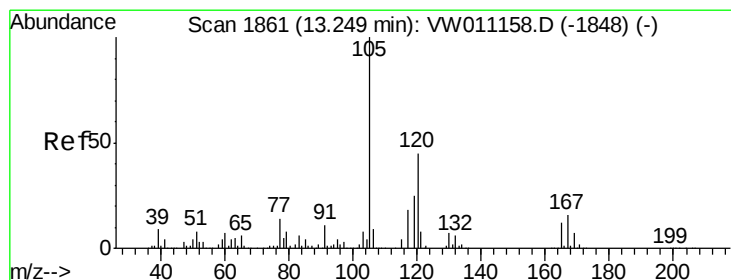
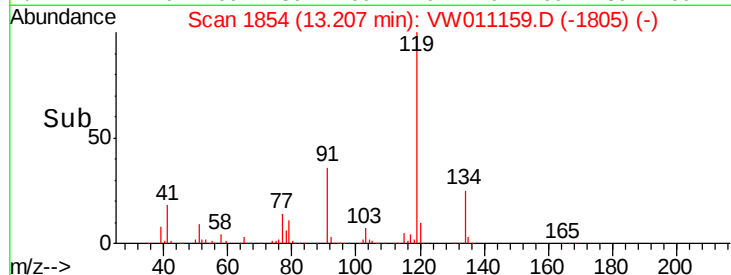
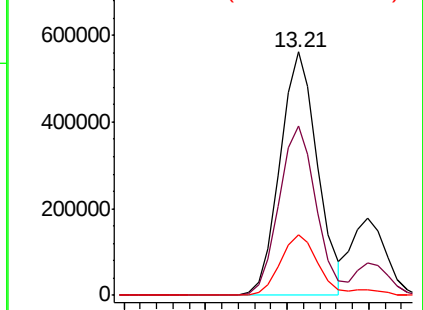
#83
 tert-Butylbenzene
 Concen: 99.766 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 893944
 Ion Ratio Lower Upper
 119 100
 91 70.1 35.4 106.3
 134 25.0 13.4 40.2

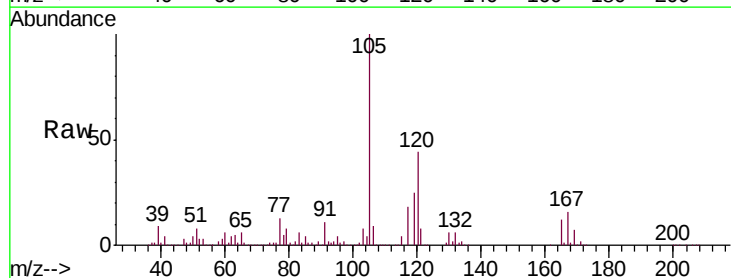


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

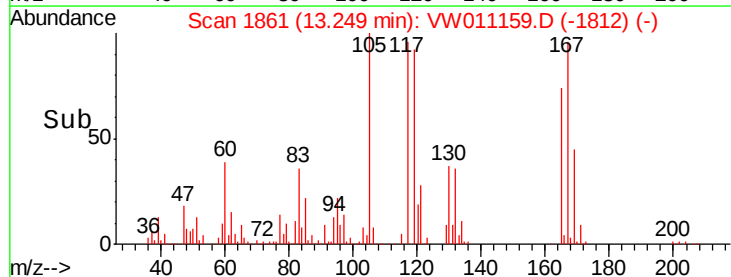
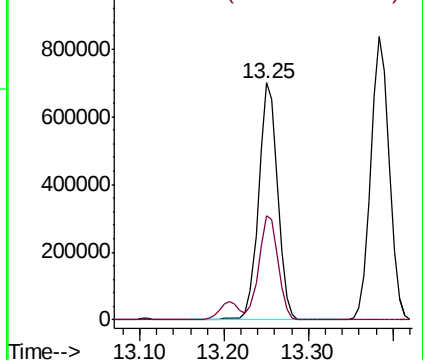


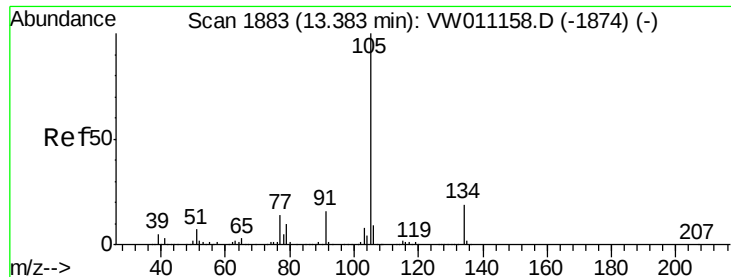
#84
 1,2,4-Trimethylbenzene
 Concen: 100.054 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

Tgt Ion:105 Resp: 1079397
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

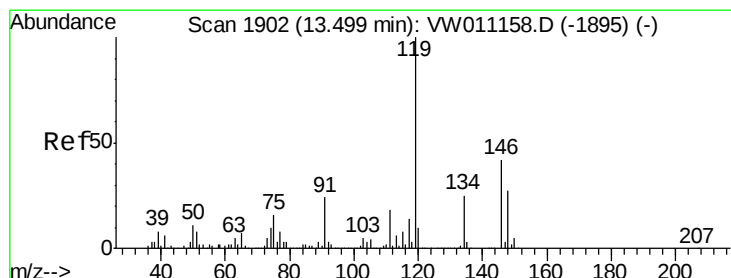
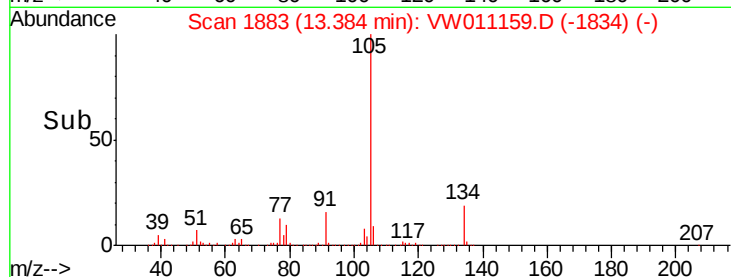
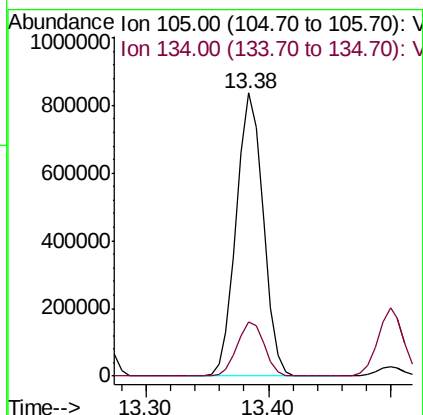
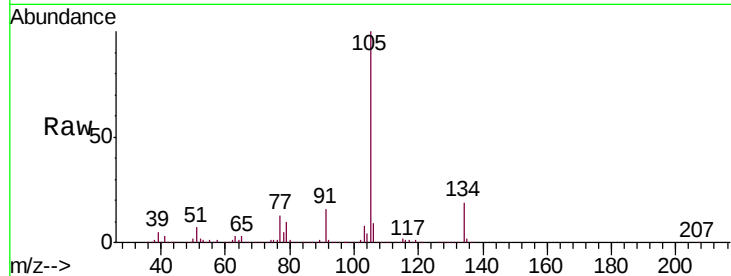




#85
 sec-Butylbenzene
 Concen: 98.657 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

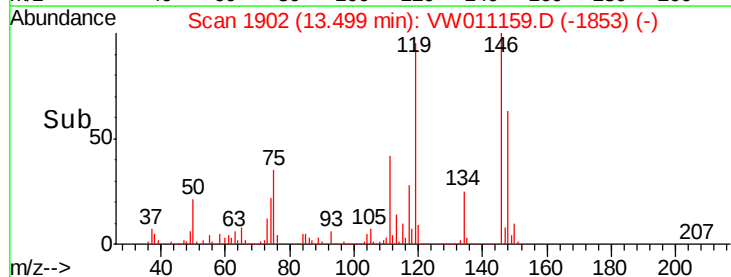
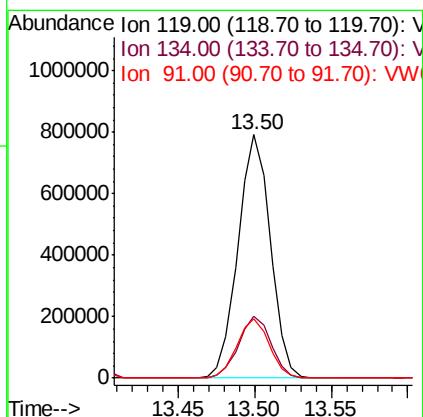
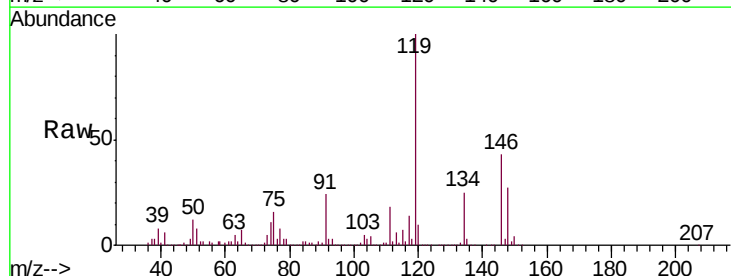
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

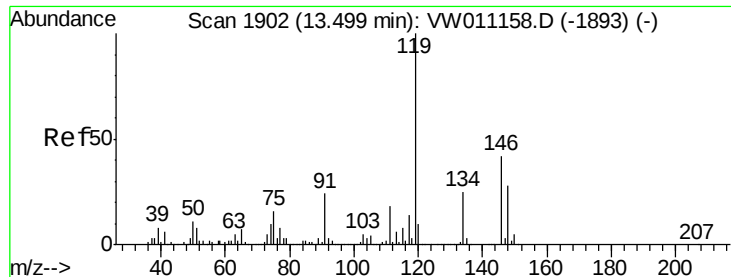
Tgt Ion:105 Resp: 1275571
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 100.169 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

Tgt Ion:119 Resp: 1161624
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 24.2 12.3 36.8

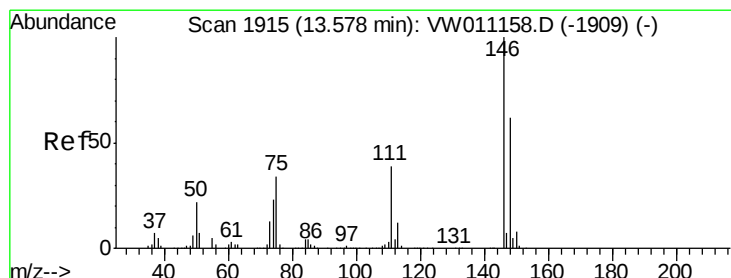
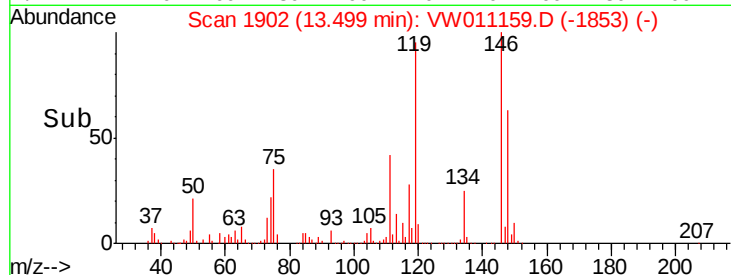
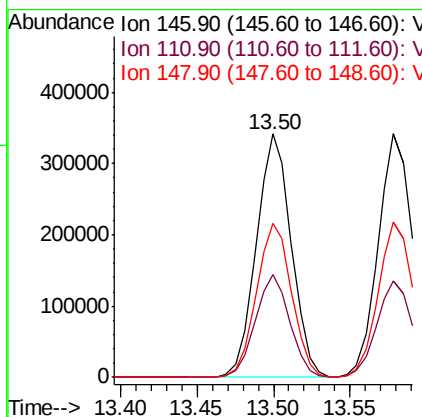
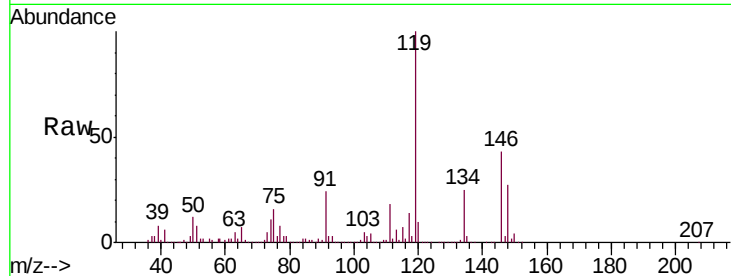




#87
 1,3-Dichlorobenzene
 Concen: 99.198 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

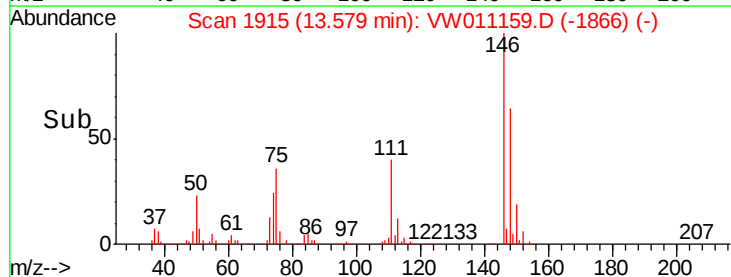
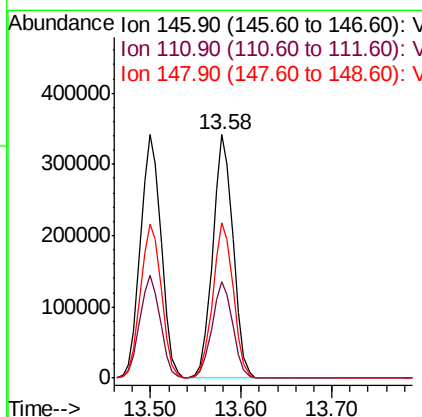
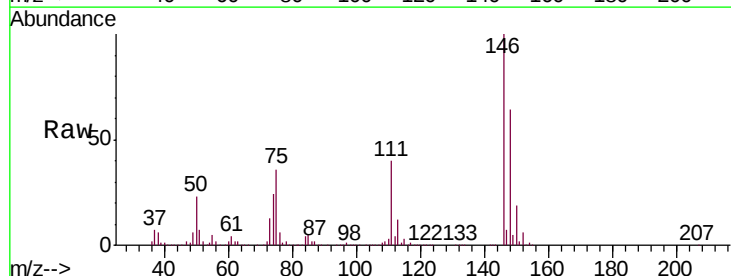
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

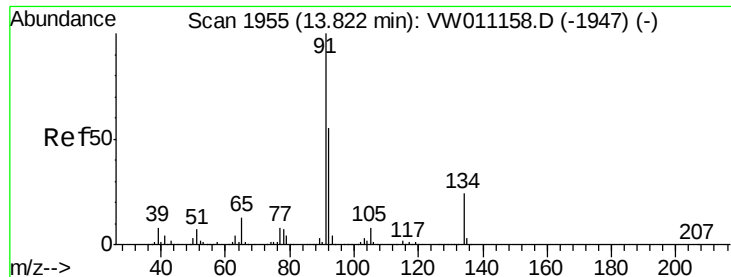
Tgt Ion:146 Resp: 541677
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.1 63.1
 148 63.8 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 97.657 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

Tgt Ion:146 Resp: 536982
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.9 59.7
 148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 99.636 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011159.D

Acq: 08 Jul 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

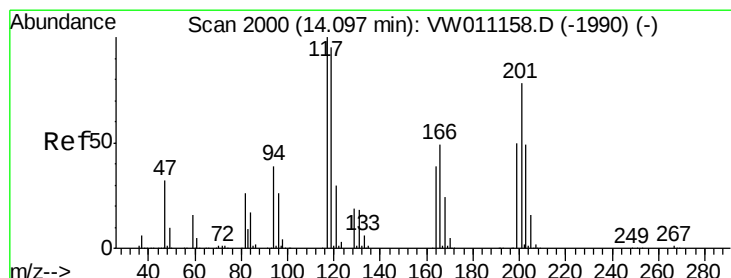
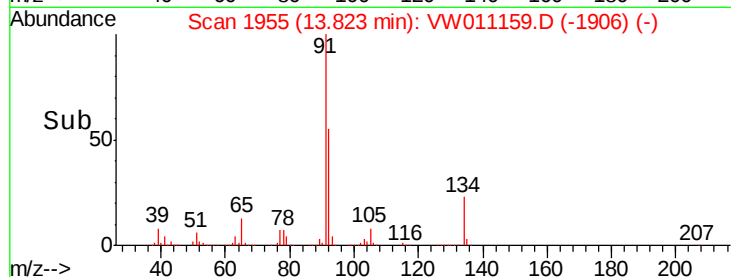
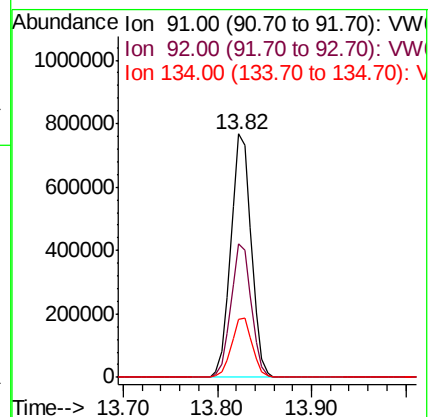
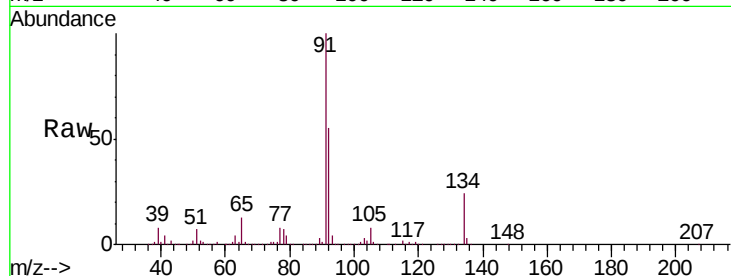
Tgt Ion: 91 Resp: 1152632

Ion Ratio Lower Upper

91 100

92 54.7 26.9 80.7

134 24.6 12.2 36.4



#90

Hexachloroethane

Concen: 100.267 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: VW011159.D

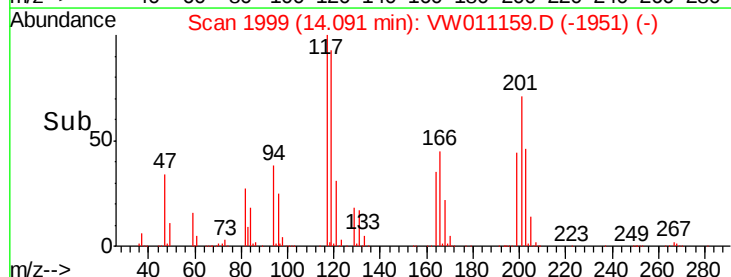
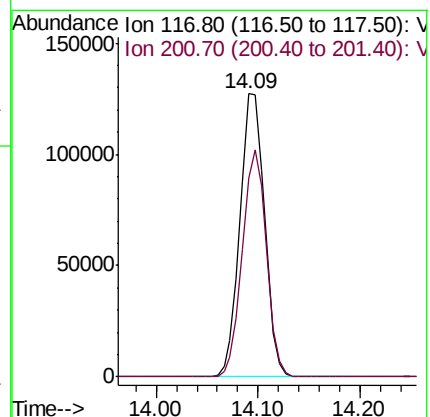
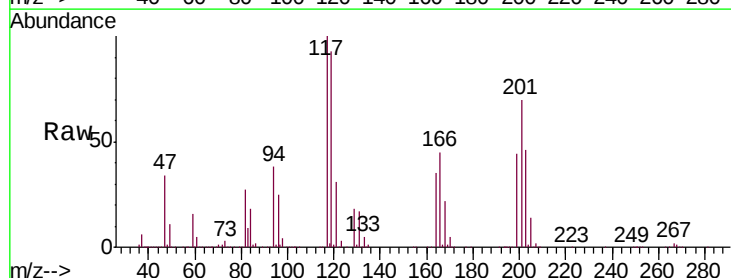
Acq: 08 Jul 2019 12:28

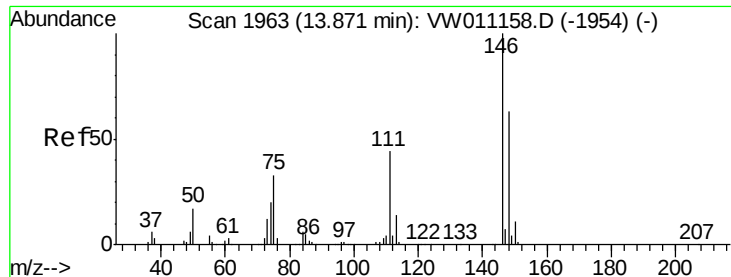
Tgt Ion: 117 Resp: 212478

Ion Ratio Lower Upper

117 100

201 77.9 38.3 114.8

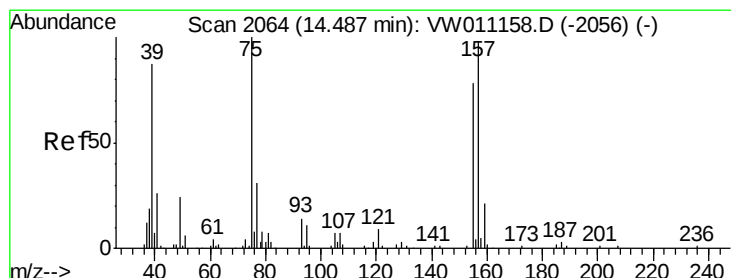
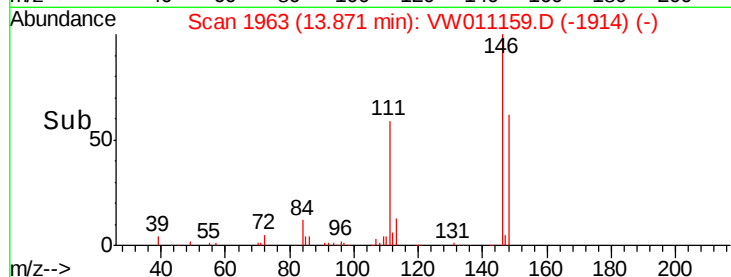
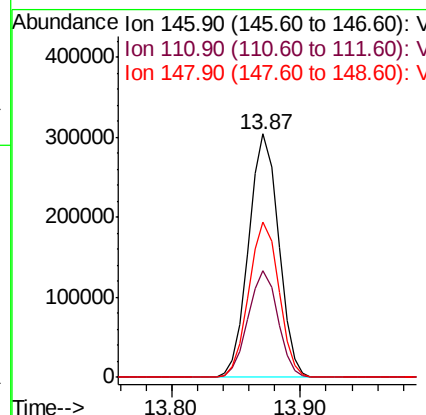
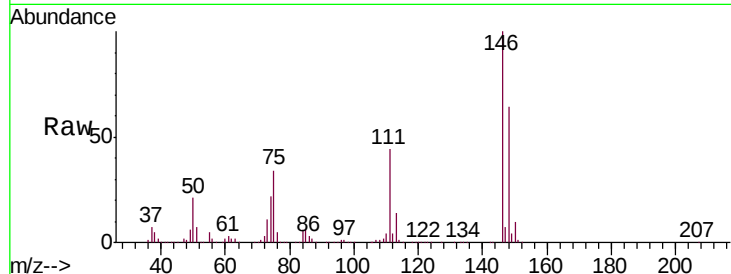




#91
 1,2-Dichlorobenzene
 Concen: 98.557 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

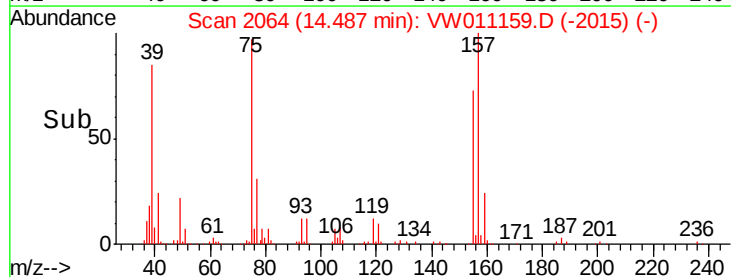
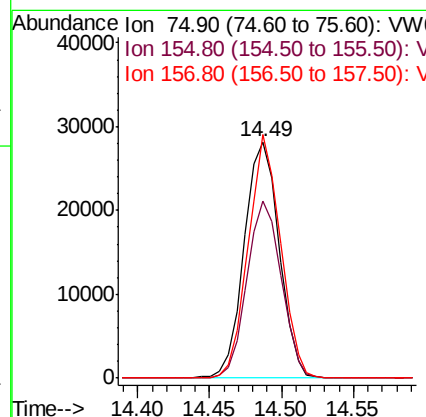
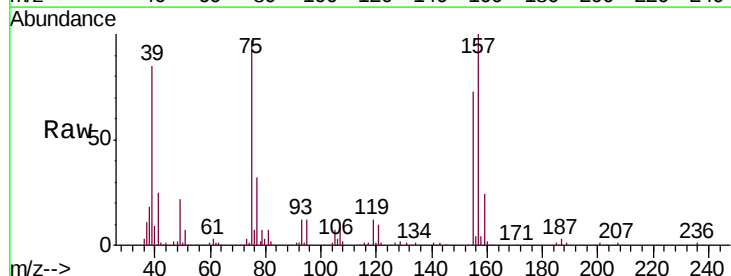
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

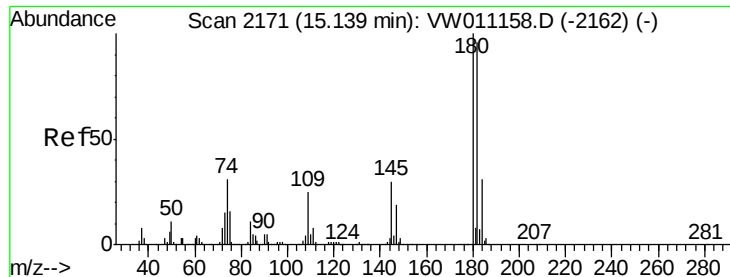
Tgt Ion: 146 Resp: 488242
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.6 65.0
 148 64.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 102.934 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011159.D
 Acq: 08 Jul 2019 12:28

Tgt Ion: 75 Resp: 47332
 Ion Ratio Lower Upper
 75 100
 155 73.7 37.1 111.3
 157 94.8 48.5 145.6

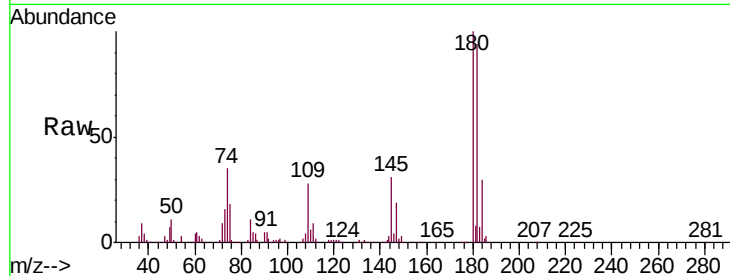




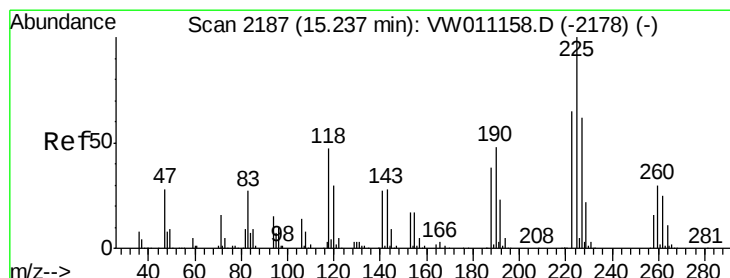
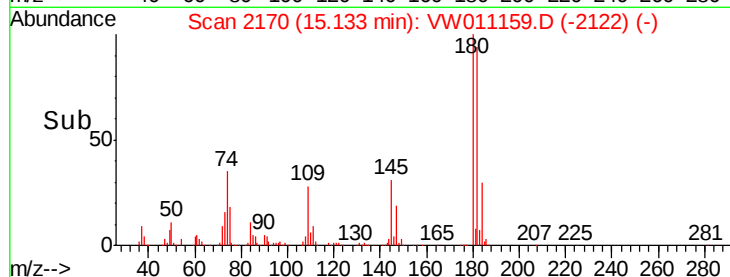
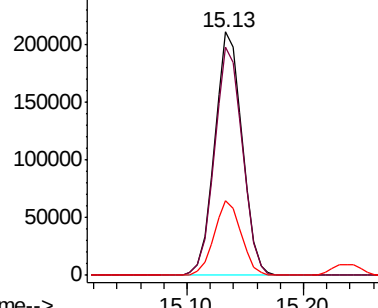
#93
1,2,4-Trichlorobenzene
Concen: 102.154 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.01 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:180 Resp: 348561
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.9
145 30.2 15.5 46.5

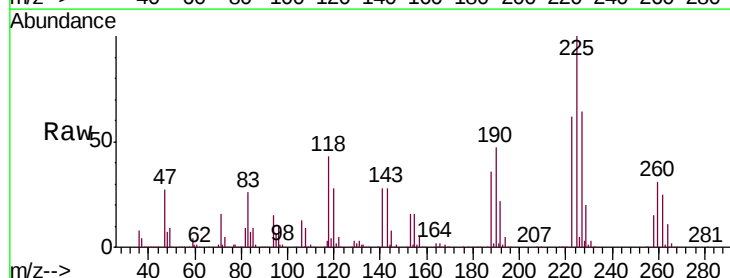


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

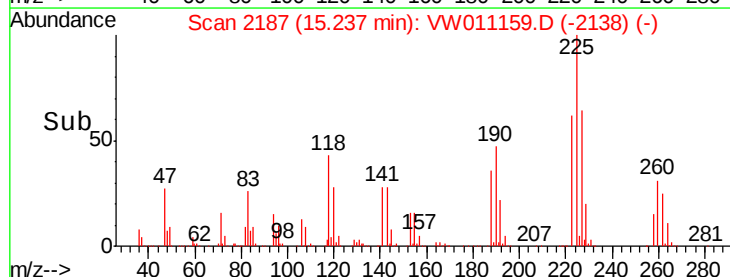
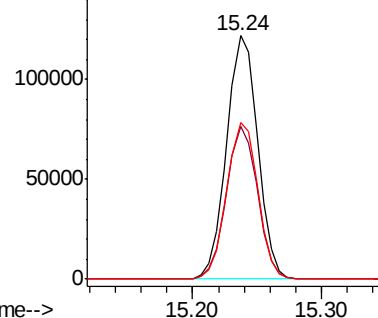


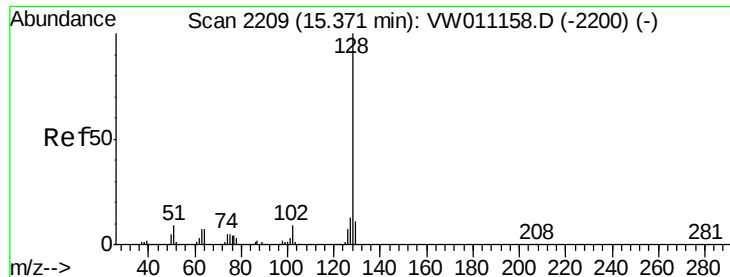
#94
Hexachlorobutadiene
Concen: 97.220 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion:225 Resp: 203659
Ion Ratio Lower Upper
225 100
223 62.6 31.6 95.0
227 64.5 32.0 96.0



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

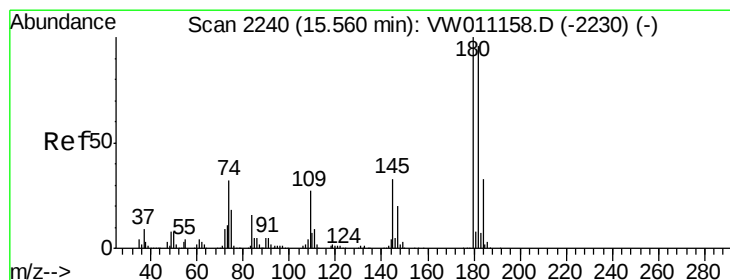
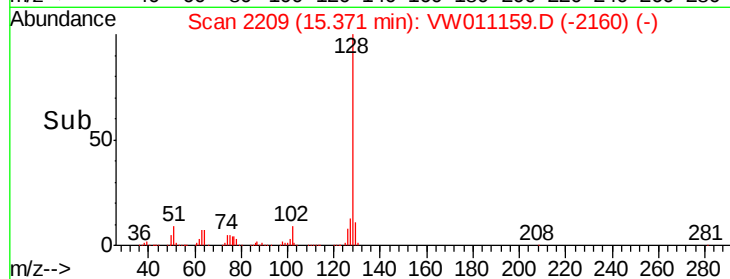
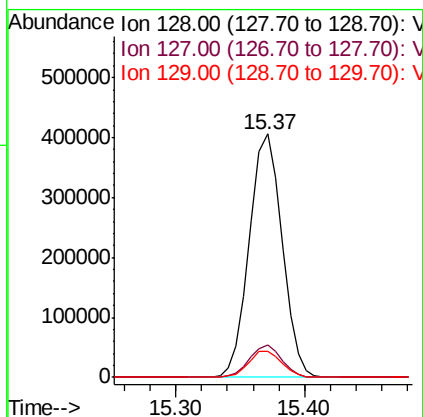
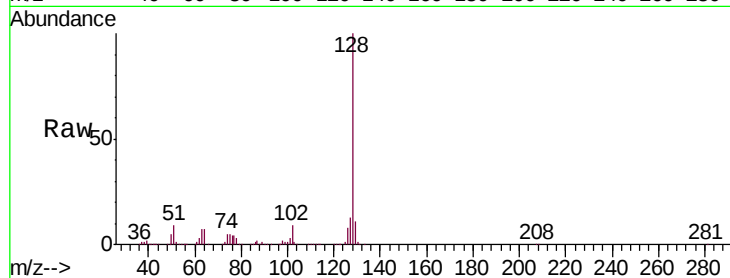




#95
Naphthalene
Concen: 109.195 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 713980
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 102.663 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011159.D
Acq: 08 Jul 2019 12:28

Tgt Ion:180 Resp: 309156
Ion Ratio Lower Upper
180 100
182 95.0 47.6 142.8
145 32.3 16.5 49.5

