

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100119\
 Data File : VW013370.D
 Acq On : 01 Oct 2019 14:20
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 15:05:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 15:01:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	382002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	538974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	467437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	236212	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	132000	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	
35) Dibromofluoromethane	7.88	113	135919	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
50) Toluene-d8	10.32	98	562309	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	12.62	95	185065	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	66774	46.546	ug/l	100
3) Chloromethane	2.21	50	107998	39.826	ug/l	100
4) Vinyl Chloride	2.35	62	156563	43.434	ug/l	100
5) Bromomethane	2.77	94	100762	45.468	ug/l	100
6) Chloroethane	2.92	64	89140	43.805	ug/l	100
7) Trichlorofluoromethane	3.25	101	67073	42.656	ug/l	100
8) Diethyl Ether	3.68	74	78486	44.569	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	152361	43.943	ug/l	100
10) Methyl Iodide	4.27	142	252133	45.751	ug/l	100
11) Tert butyl alcohol	5.15	59	67436	110.864	ug/l	100
12) 1,1-Dichloroethene	4.04	96	160270	44.105	ug/l	100
13) Acrolein	3.89	56	69501	278.382	ug/l	100
14) Allyl chloride	4.66	41	240525	45.271	ug/l	100
15) Acrylonitrile	5.36	53	172377	213.151	ug/l	100
16) Acetone	4.12	43	194273	206.494	ug/l	100
17) Carbon Disulfide	4.38	76	464582	46.524	ug/l	100
18) Methyl Acetate	4.66	43	83372	39.034	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	237832	44.579	ug/l	100
20) Methylene Chloride	4.92	84	170155	36.014	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	171338	44.621	ug/l	100
22) Diisopropyl ether	6.31	45	475015	46.318	ug/l	100
23) Vinyl Acetate	6.25	43	1404849	228.987	ug/l	100
24) 1,1-Dichloroethane	6.21	63	285472	45.049	ug/l	100
25) 2-Butanone	7.16	43	251426	212.443	ug/l	100
26) 2,2-Dichloropropane	7.16	77	165344	37.996	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	183377	45.389	ug/l	100
28) Bromochloromethane	7.51	49	122655	56.293	ug/l	100
29) Tetrahydrofuran	7.52	42	144128	210.318	ug/l	100
30) Chloroform	7.67	83	272797	43.975	ug/l	100
31) Cyclohexane	7.95	56	282680	40.691	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	218109	44.938	ug/l	100
36) 1,1-Dichloropropene	8.08	75	233652	44.783	ug/l	100
37) Ethyl Acetate	7.25	43	100480	38.179	ug/l	100
38) Carbon Tetrachloride	8.07	117	205152	45.945	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	300685	43.927	ug/l	100
40) Benzene	8.32	78	662377	44.910	ug/l	100
41) Methacrylonitrile	7.48	41	61754	21.798	ug/l	100
42) 1,2-Dichloroethane	8.40	62	169406	45.327	ug/l	100
43) Isopropyl Acetate	8.42	43	190379	44.078	ug/l	100
44) Trichloroethene	9.09	130	188963	45.417	ug/l	100
45) 1,2-Dichloropropane	9.37	63	158574	45.460	ug/l	100
46) Dibromomethane	9.46	93	79385	45.315	ug/l	100
47) Bromodichloromethane	9.65	83	197497	46.573	ug/l	100
48) Methyl methacrylate	9.43	41	90688	44.949	ug/l	100
49) 1,4-Dioxane	9.45	88	24706	789.949	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	479723	206.094	ug/l	100
52) Toluene	10.38	92	429915	45.673	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	206806	48.220	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	250387	47.544	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	115796	44.457	ug/l	100
56) Ethyl methacrylate	10.65	69	160718	46.887	ug/l	100
57) 1,3-Dichloropropane	10.93	76	202082	44.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	337767	238.853	ug/l	100
59) 2-Hexanone	10.97	43	357548	230.196	ug/l	100
60) Dibromochloromethane	11.13	129	139079	48.215	ug/l	100
61) 1,2-Dibromoethane	11.24	107	114267	44.990	ug/l	100
64) Tetrachloroethene	10.86	164	163832	43.862	ug/l	100
65) Chlorobenzene	11.66	112	447001	44.622	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	156114	47.046	ug/l	100
67) Ethyl Benzene	11.73	91	808682	45.170	ug/l	100
68) m/p-Xylenes	11.83	106	616348	88.916	ug/l	100
69) o-Xylene	12.16	106	285516	45.209	ug/l	100
70) Styrene	12.18	104	510417	47.063	ug/l	100
71) Bromoform	12.35	173	83225	46.093	ug/l #	100
73) Isopropylbenzene	12.46	105	798594	44.903	ug/l	100
74) N-amyl acetate	12.27	43	166706	43.455	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	126007	41.306	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	162998	76.308	ug/l #	100
77) Bromobenzene	12.74	156	185914	43.918	ug/l	100
78) n-propylbenzene	12.80	91	901511	44.256	ug/l	100
79) 2-Chlorotoluene	12.89	91	512085	44.479	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	675308	45.109	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	40673	44.416	ug/l	100
82) 4-Chlorotoluene	12.99	91	522807	44.082	ug/l	100
83) tert-Butylbenzene	13.21	119	584322	44.390	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	653105	43.996	ug/l	100
85) sec-Butylbenzene	13.38	105	794672	43.754	ug/l	100
86) p-Isopropyltoluene	13.50	119	737655	43.796	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	362415	44.224	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	358872	44.030	ug/l	100
89) n-Butylbenzene	13.82	91	682301	44.904	ug/l	100
90) Hexachloroethane	14.09	117	125179	45.452	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	321521	44.649	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19411	41.402	ug/l	100

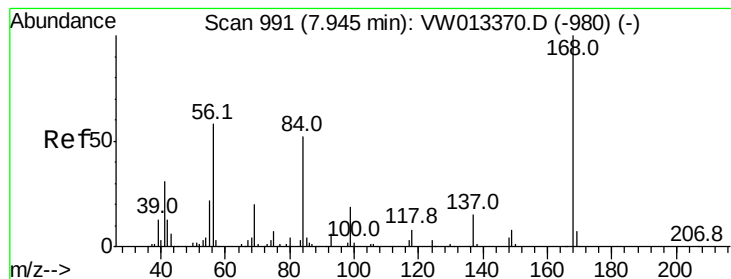
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	237491	47.235	ug/l	100
94) Hexachlorobutadiene	15.24	225	146353	43.203	ug/l	100
95) Naphthalene	15.37	128	393999	47.701	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	200388	45.569	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

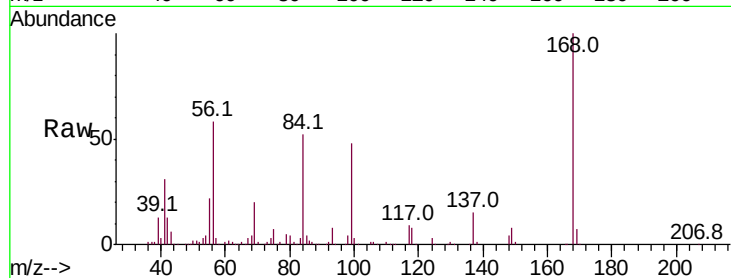
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 382002

Ion Ratio Lower Upper

168 100

99 48.4 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

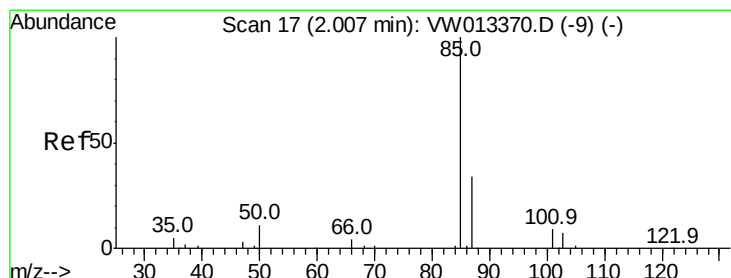
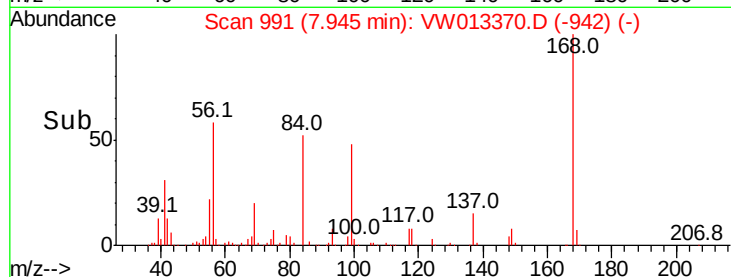
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 46.546 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013370.D

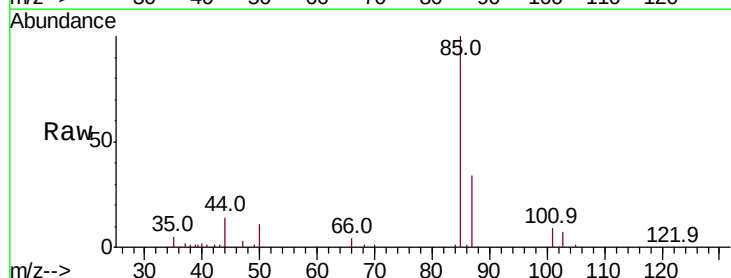
Acq: 01 Oct 2019 14:20

Tgt Ion: 85 Resp: 66774

Ion Ratio Lower Upper

85 100

87 34.5 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

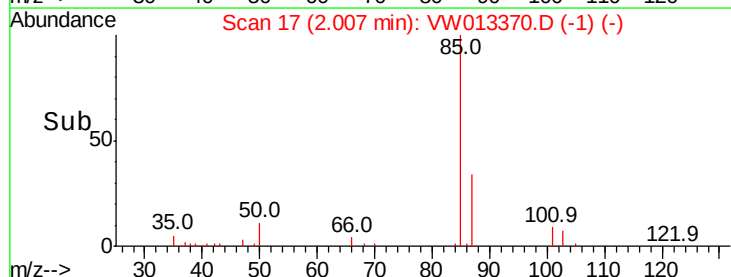
15000

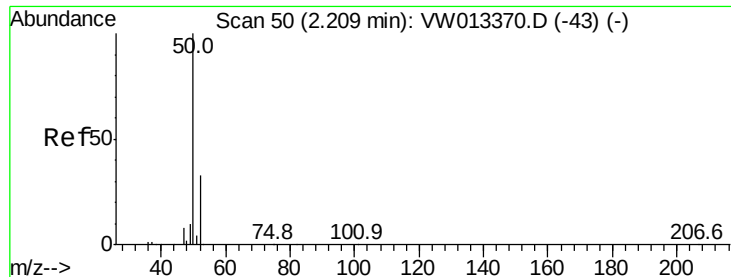
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 39.826 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

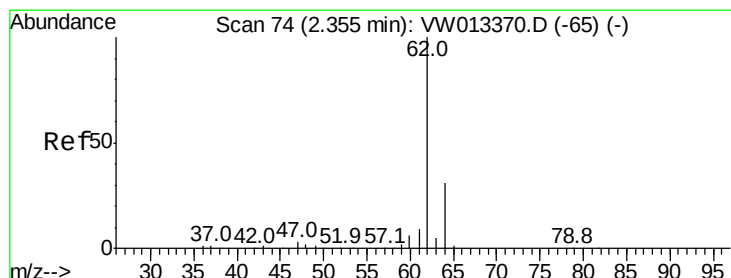
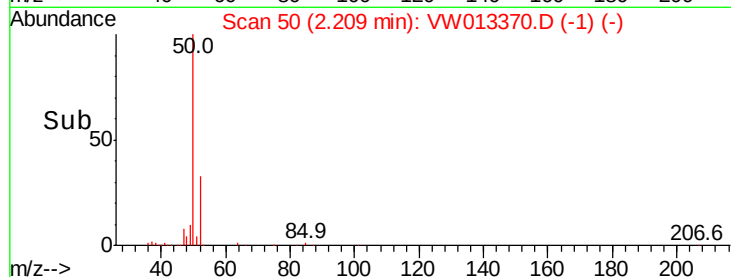
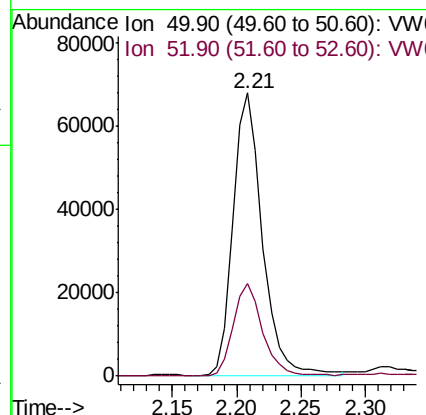
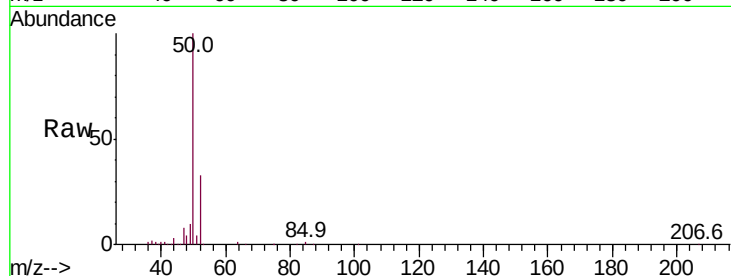
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 107998

Ion Ratio Lower Upper

50 100

52 32.9 26.3 39.5



#4

Vinyl Chloride

Concen: 43.434 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013370.D

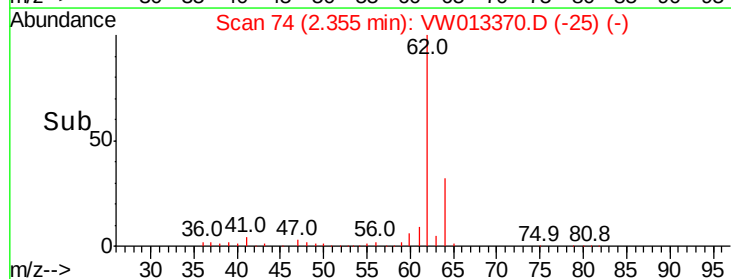
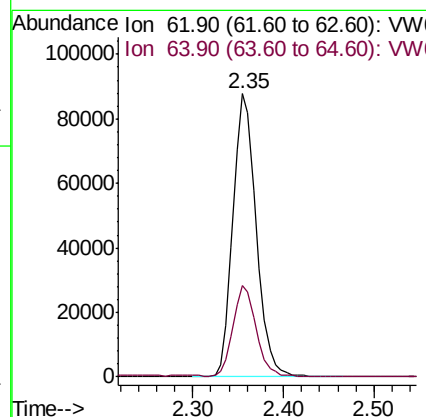
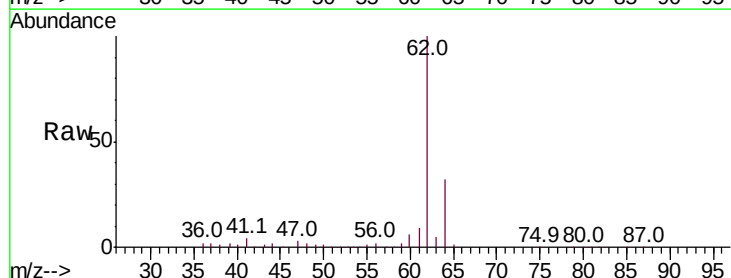
Acq: 01 Oct 2019 14:20

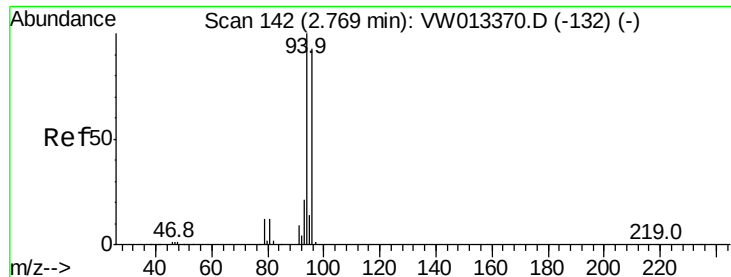
Tgt Ion: 62 Resp: 156563

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 45.468 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

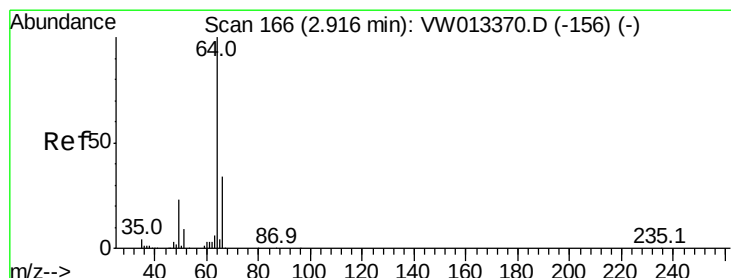
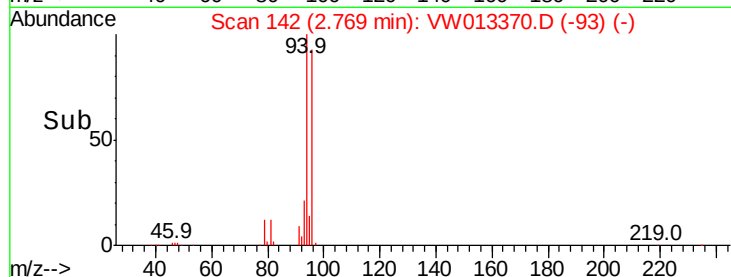
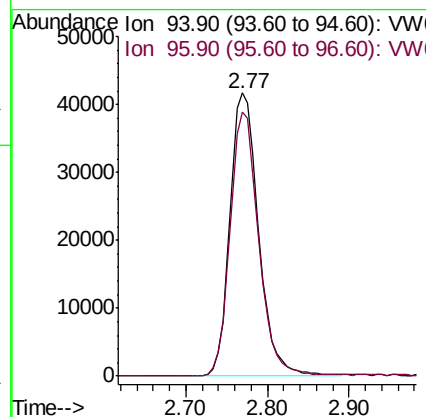
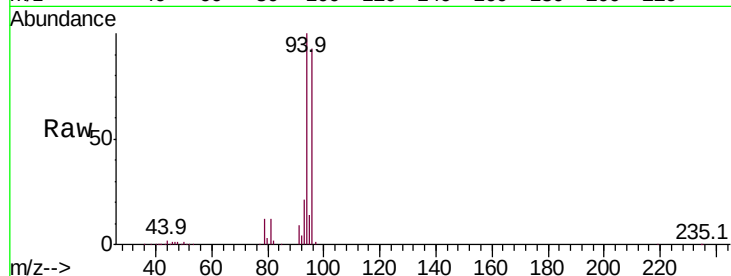
ClientSampleId :

Tot Ion: 94 Resp: 100762

Ion Ratio Lower Upper

94 100

96 93.5 74.8 112.2



#6

Chloroethane

Concen: 43.805 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW013370.D

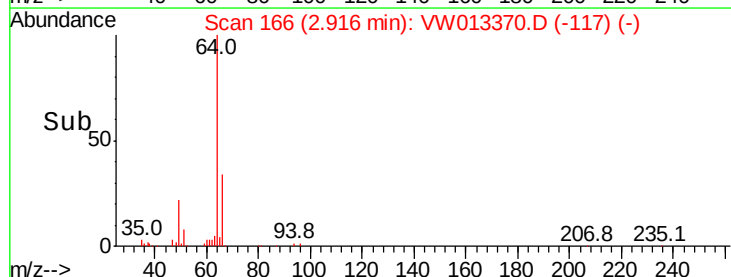
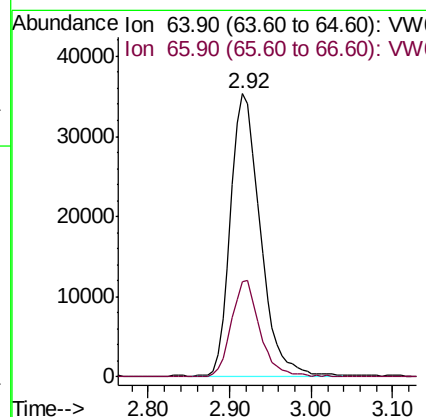
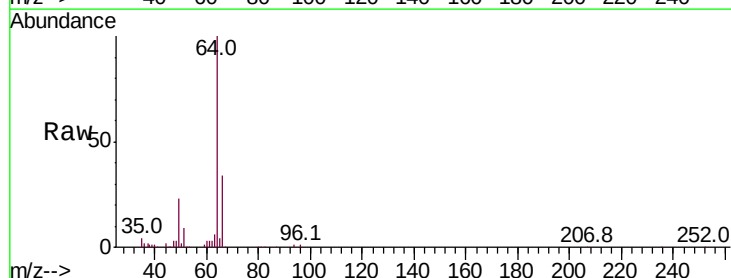
Acq: 01 Oct 2019 14:20

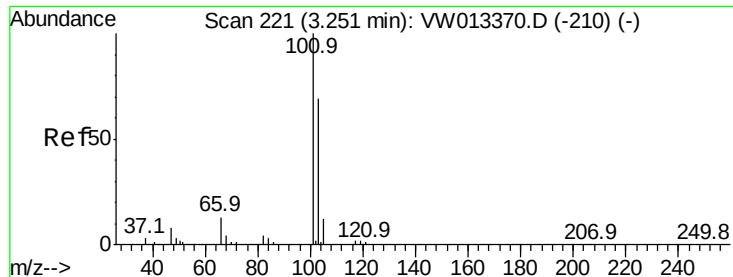
Tgt Ion: 64 Resp: 89140

Ion Ratio Lower Upper

64 100

66 33.6 26.9 40.3



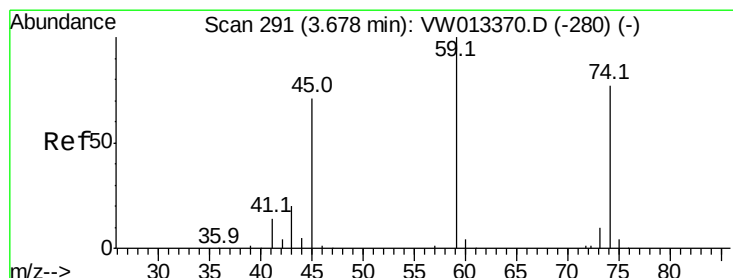
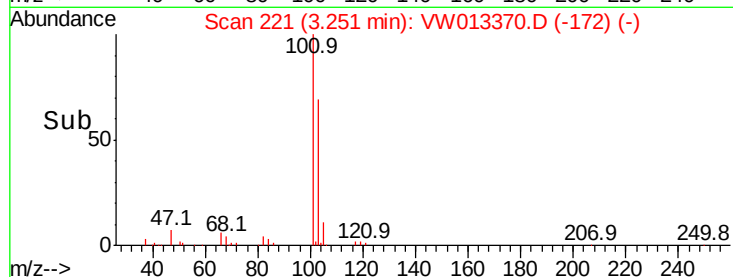
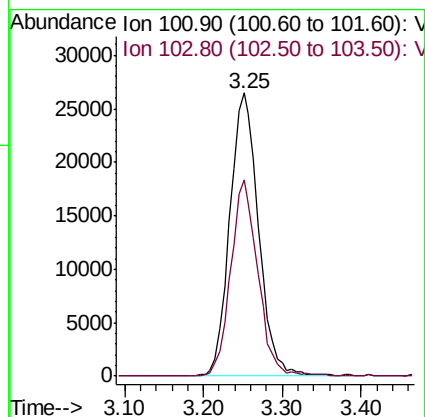
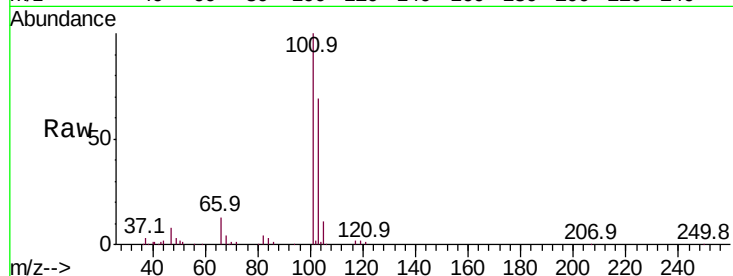


#7

Trichlorofluoromethane
Concen: 42.656 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampled :

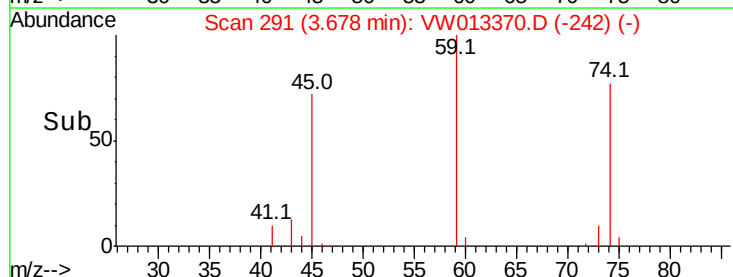
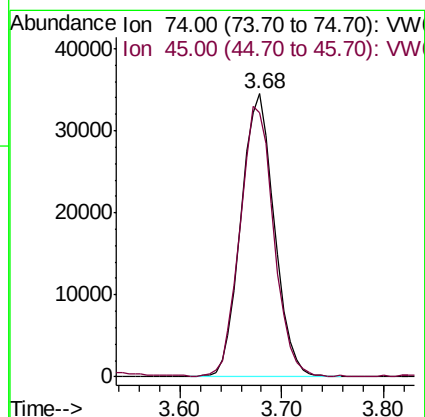
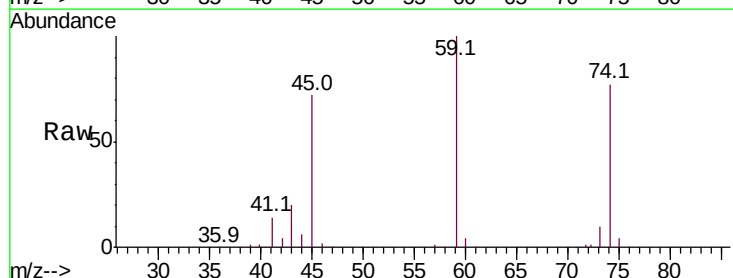
Tot Ion:101 Resp: 67073
Ion Ratio Lower Upper
101 100
103 69.1 55.3 82.9

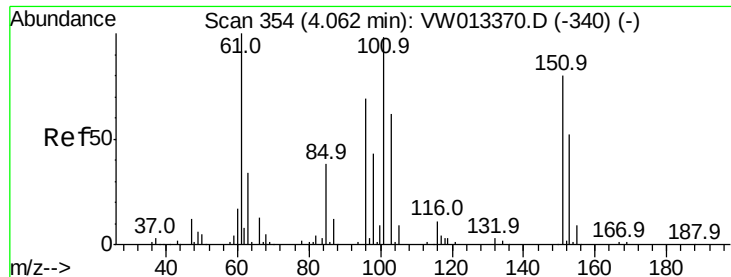


#8

Diethyl Ether
Concen: 44.569 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 74 Resp: 78486
Ion Ratio Lower Upper
74 100
45 96.1 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.943 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampled :

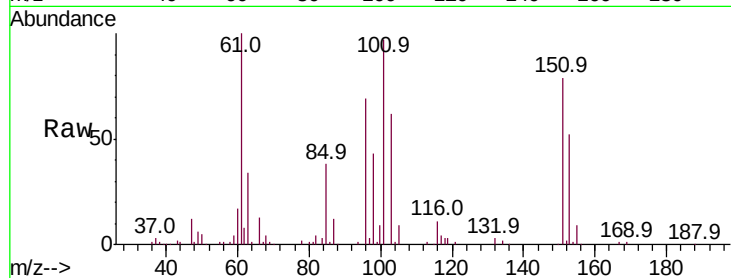
Tot Ion:101 Resp: 152361

Ion Ratio Lower Upper

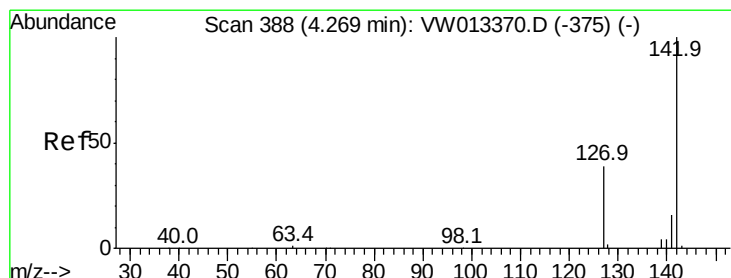
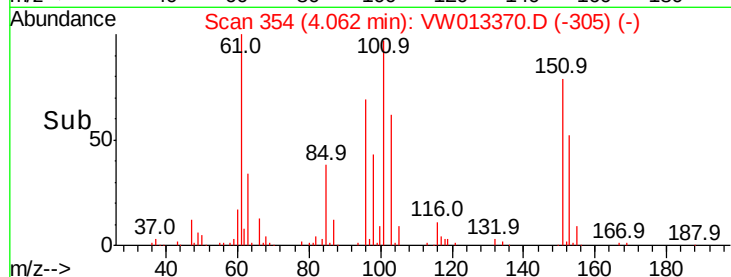
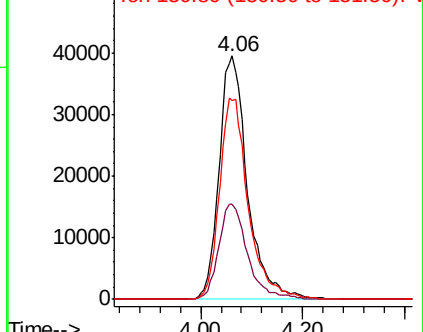
101 100

85 39.9 31.9 47.9

151 83.8 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VW
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.751 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

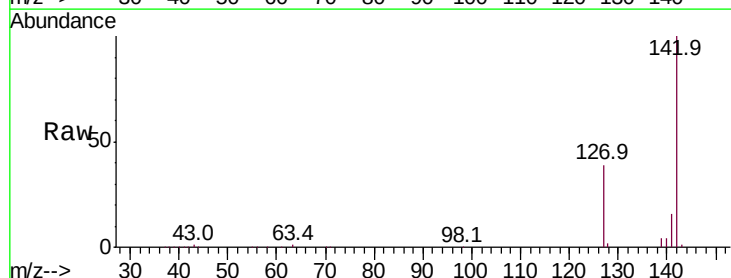
Tgt Ion:142 Resp: 252133

Ion Ratio Lower Upper

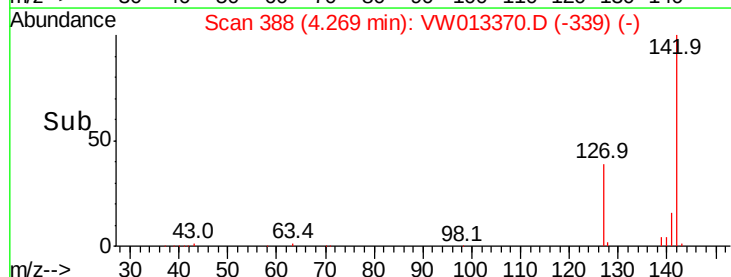
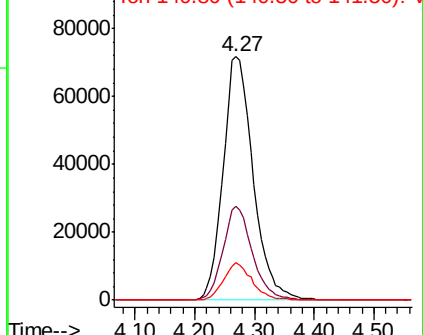
142 100

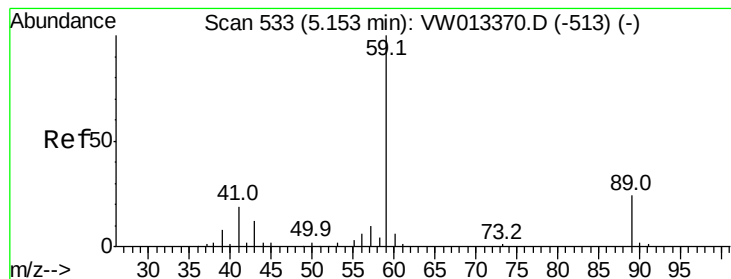
127 37.6 30.1 45.1

141 14.6 11.7 17.5



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



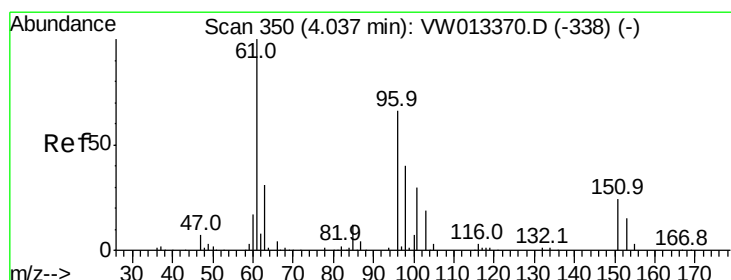
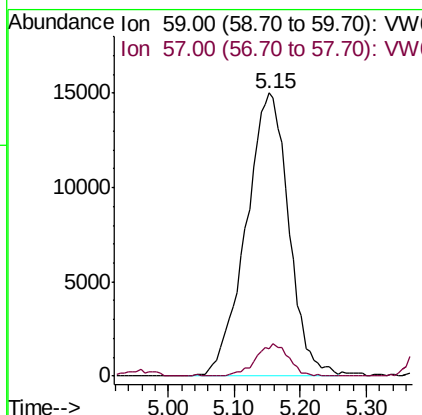
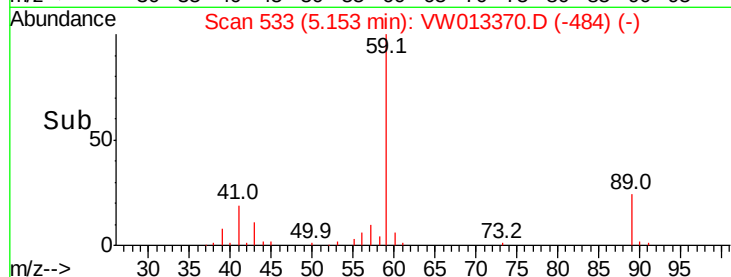
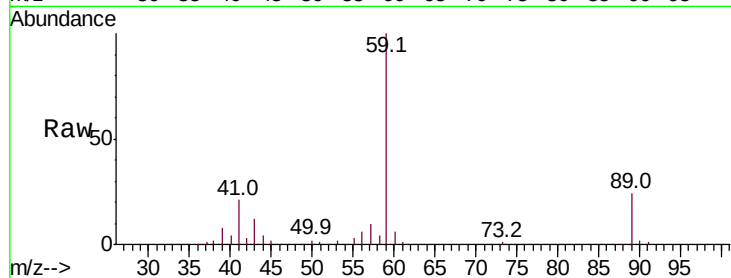


#11

Tert butyl alcohol
 Concen: 110.864 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Instrument :
 MSVOA_W
 ClientSampleId :

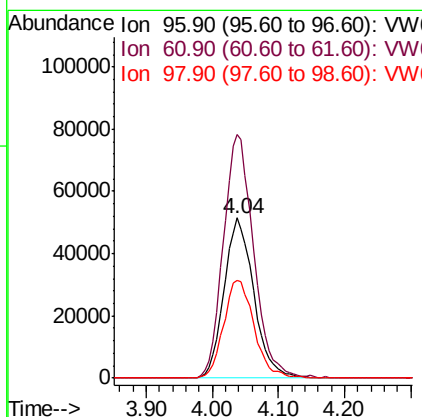
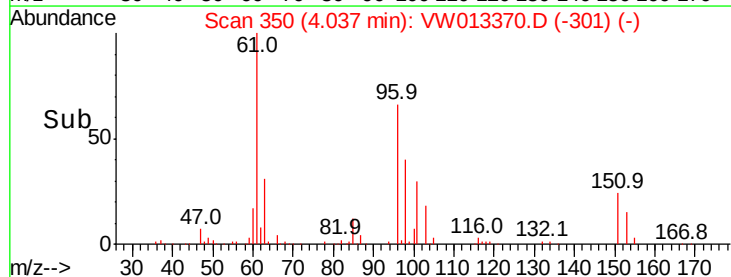
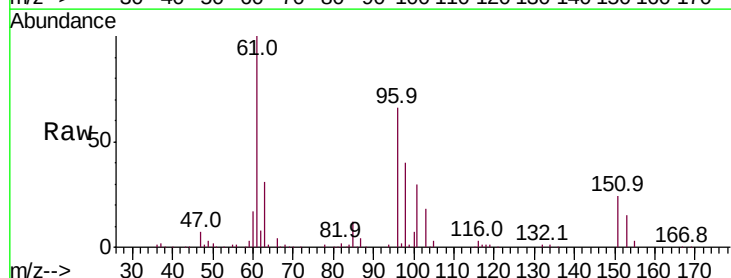
Tot Ion: 59 Resp: 67436
 Ion Ratio Lower Upper
 59 100
 57 8.9 7.1 10.7

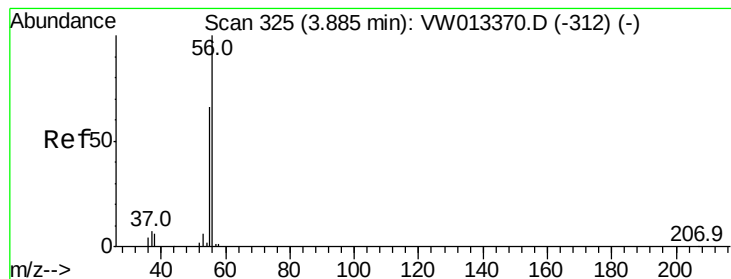


#12

1,1-Dichloroethene
 Concen: 44.105 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion: 96 Resp: 160270
 Ion Ratio Lower Upper
 96 100
 61 151.8 121.4 182.2
 98 61.1 48.9 73.3





#13

Acrolein

Concen: 278.382 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

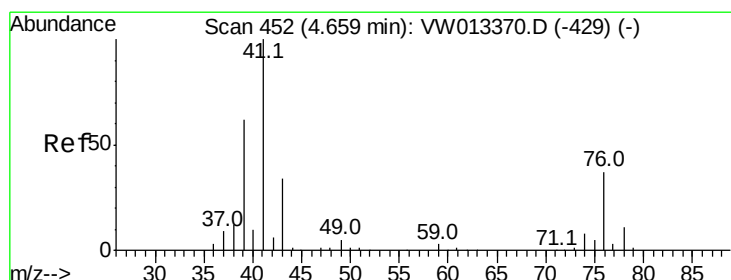
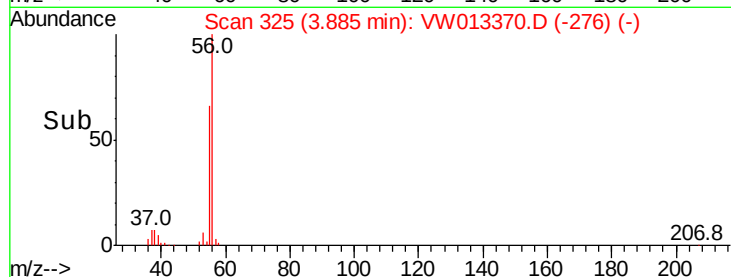
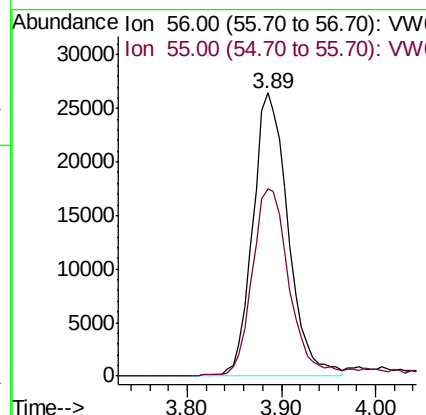
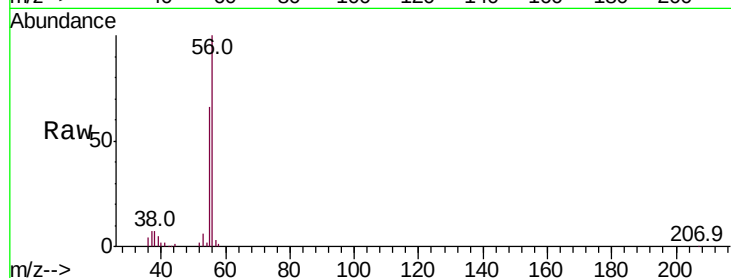
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 69501

Ion Ratio Lower Upper

56 100

55 69.1 55.3 82.9



#14

Allyl chloride

Concen: 45.271 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

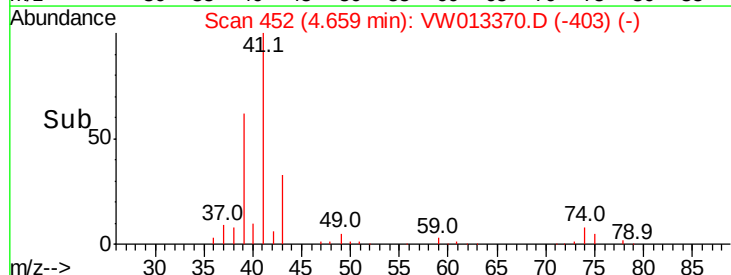
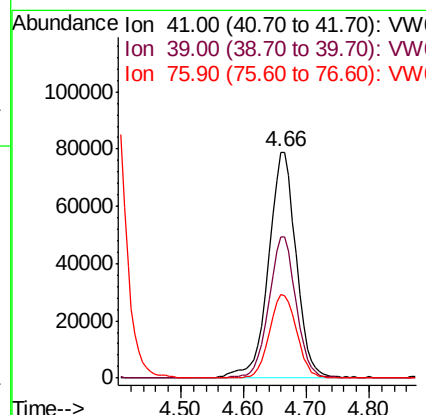
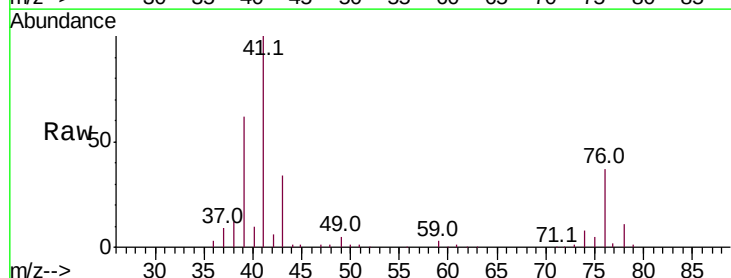
Tgt Ion: 41 Resp: 240525

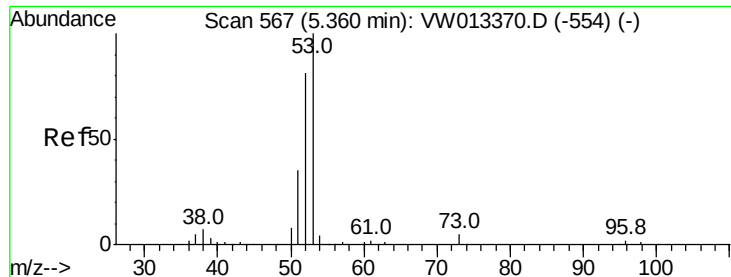
Ion Ratio Lower Upper

41 100

39 61.7 49.4 74.0

76 36.4 29.1 43.7





#15

Acrylonitrile

Concen: 213.151 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

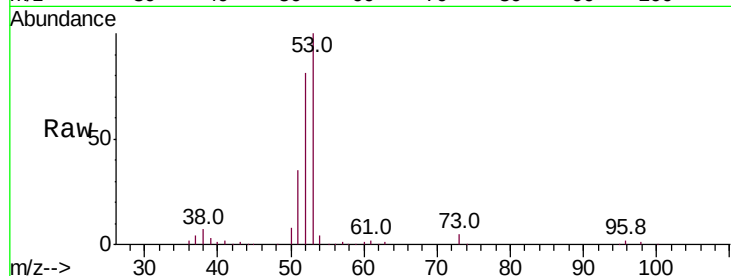
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 53 Resp: 172377

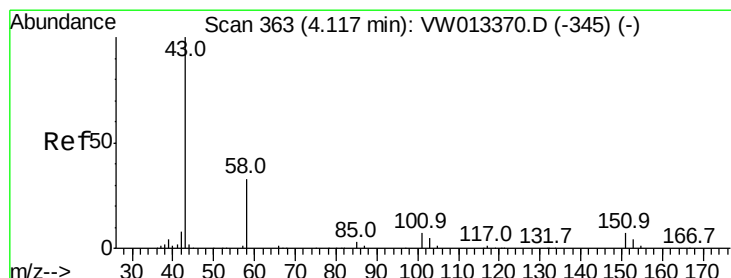
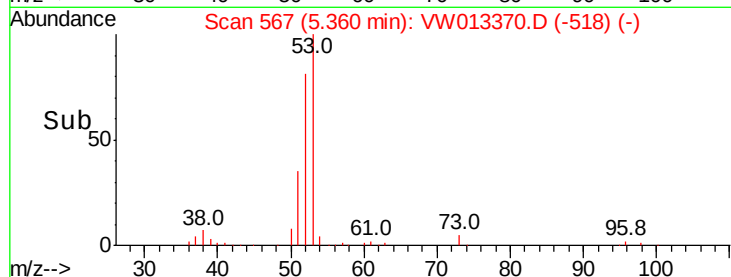
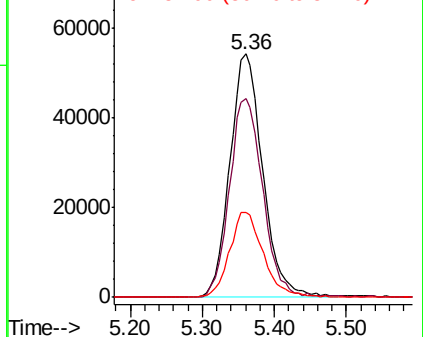
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.8	98.8
51	35.9	28.7	43.1



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 206.494 ug/l

RT: 4.12 min Scan# 363

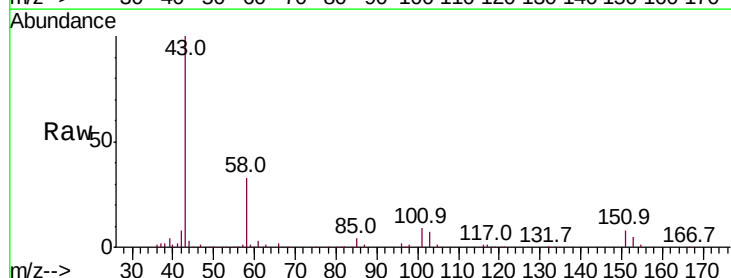
Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

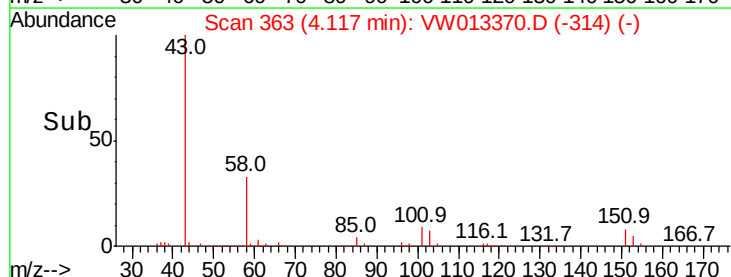
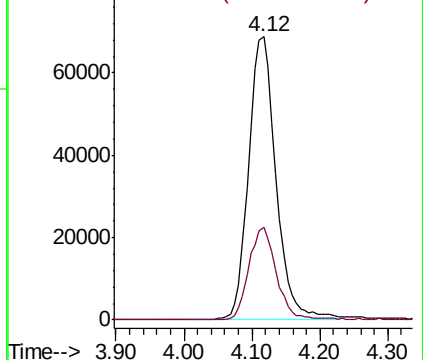
Tgt Ion: 43 Resp: 194273

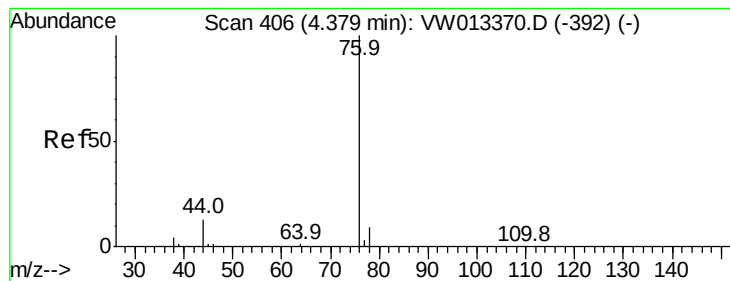
Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.2	39.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 46.524 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

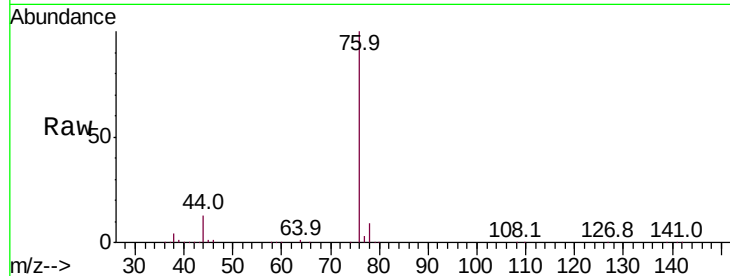
ClientSampleId :

Tot Ion: 76 Resp: 464582

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

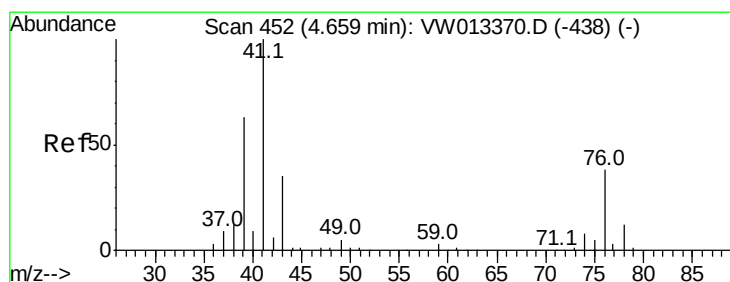
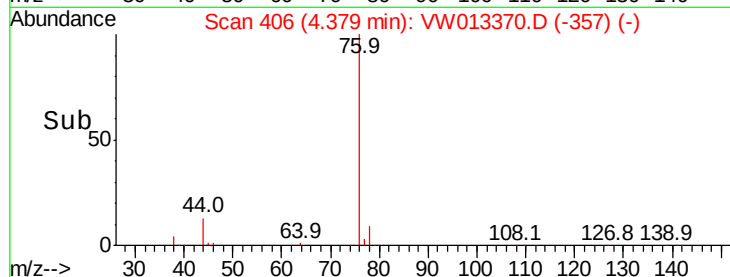
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 39.034 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW013370.D

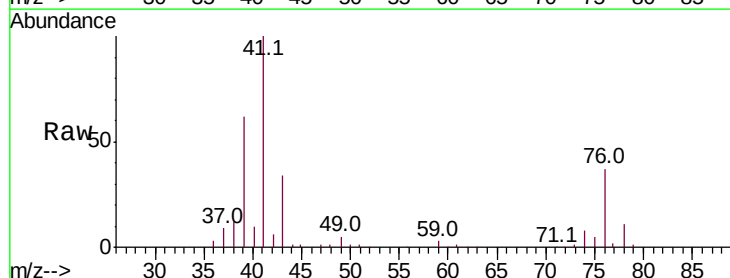
Acq: 01 Oct 2019 14:20

Tgt Ion: 43 Resp: 83372

Ion Ratio Lower Upper

43 100

74 26.0 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.66

30000

25000

20000

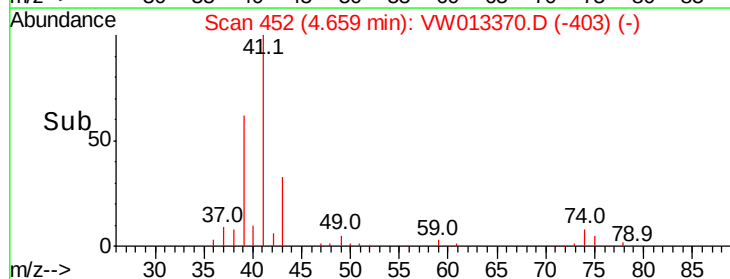
15000

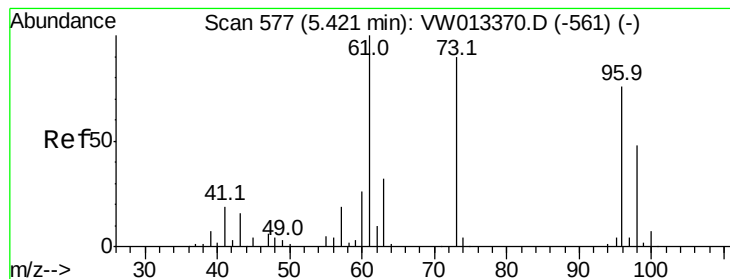
10000

5000

0

Time-->



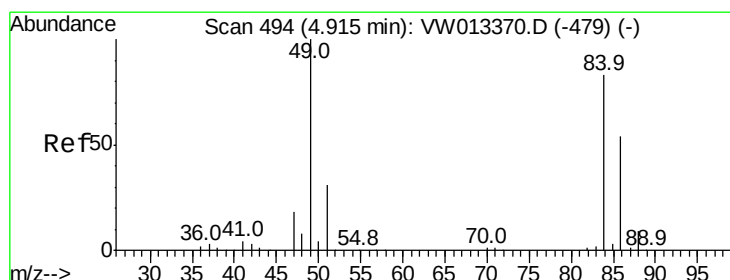
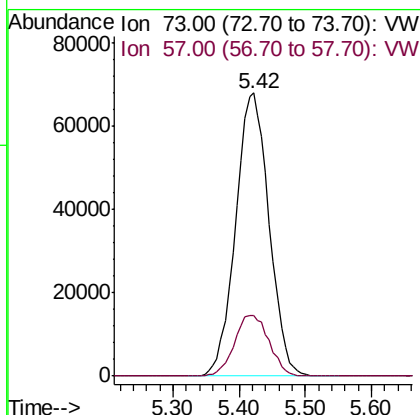
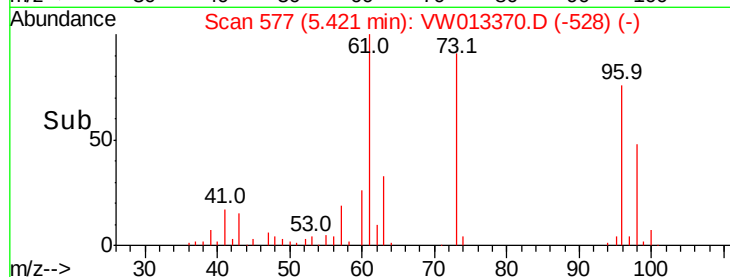
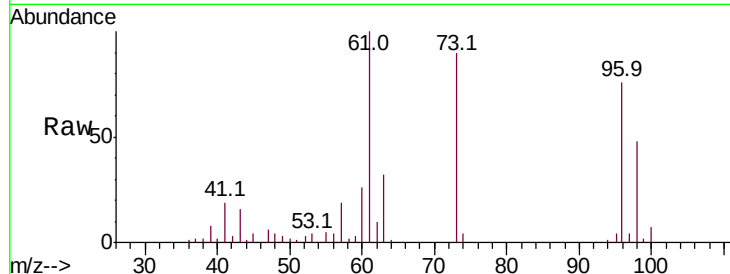


#19

Methyl tert-butyl Ether
 Concen: 44.579 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Instrument :
 MSVOA_W
 ClientSampleId :

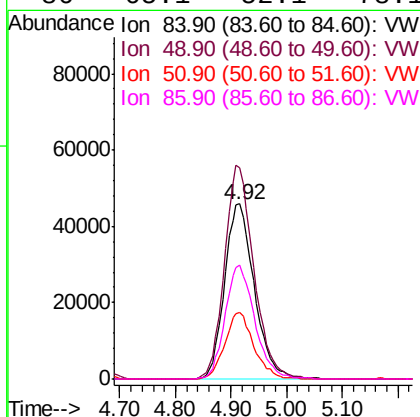
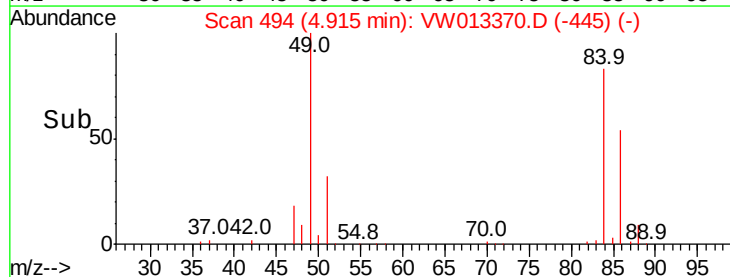
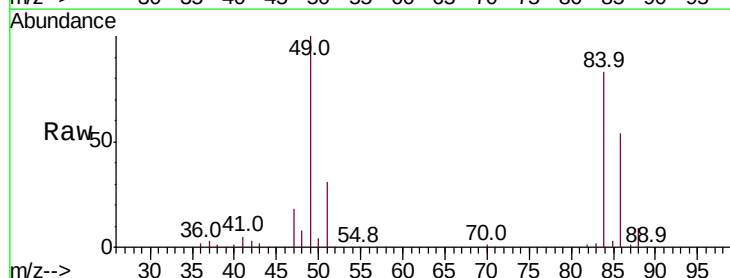
Tot Ion: 73 Resp: 237832
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.1 25.7

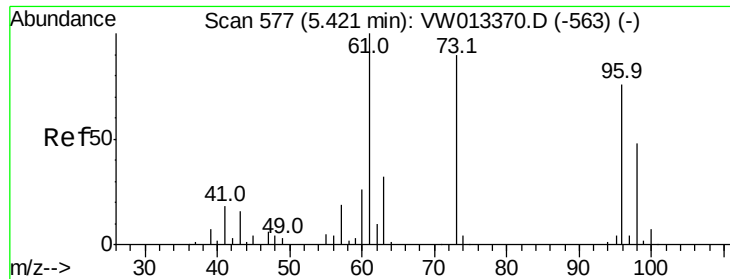


#20

Methylene Chloride
 Concen: 36.014 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion: 84 Resp: 170155
 Ion Ratio Lower Upper
 84 100
 49 120.4 96.3 144.5
 51 37.8 30.2 45.4
 86 65.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 44.621 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampled :

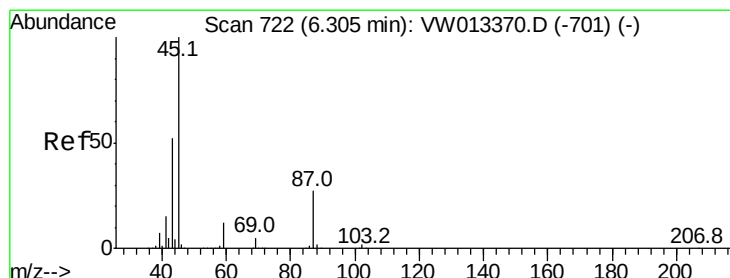
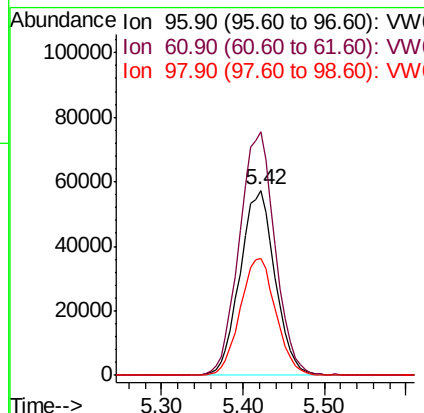
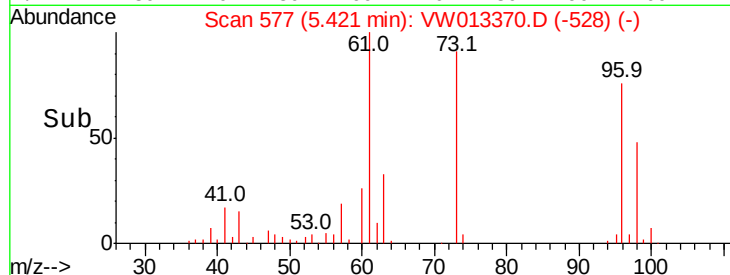
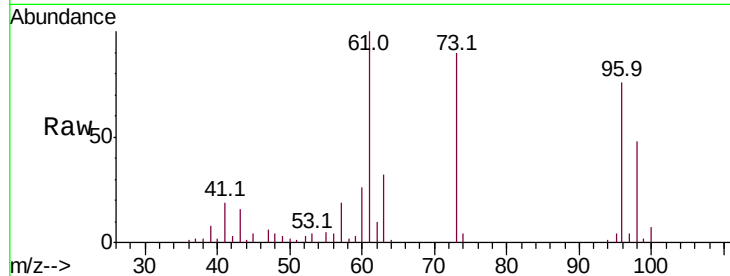
Tot Ion: 96 Resp: 171338

Ion Ratio Lower Upper

96 100

61 131.7 105.4 158.0

98 63.3 50.6 76.0



#22

Diisopropyl ether

Concen: 46.318 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Tgt Ion: 45 Resp: 475015

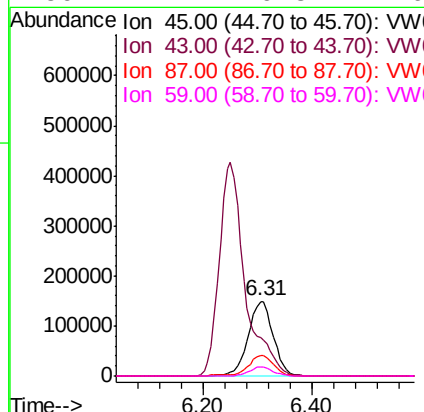
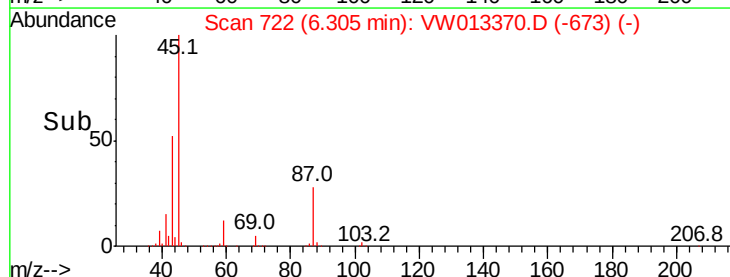
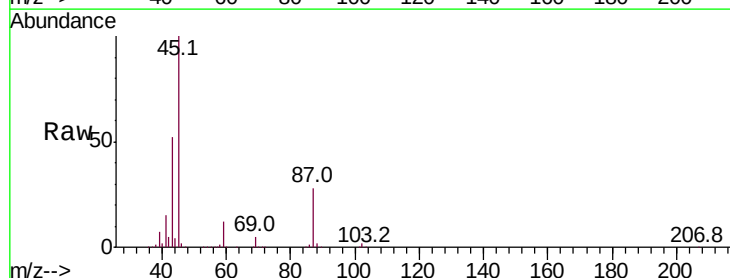
Ion Ratio Lower Upper

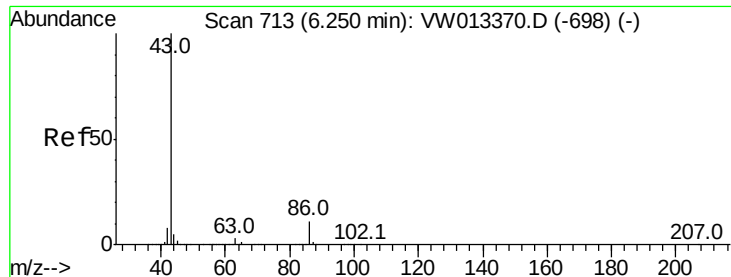
45 100

43 51.6 41.3 61.9

87 27.6 22.1 33.1

59 12.2 9.8 14.6





#23

Vinyl Acetate

Concen: 228.987 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

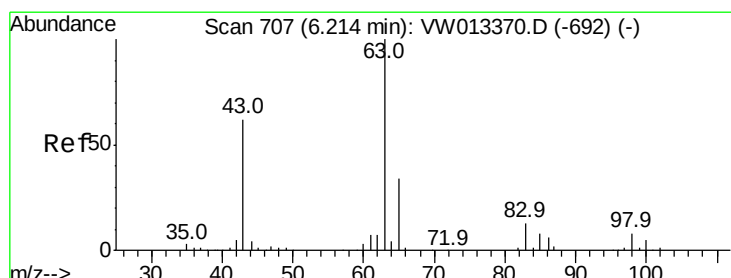
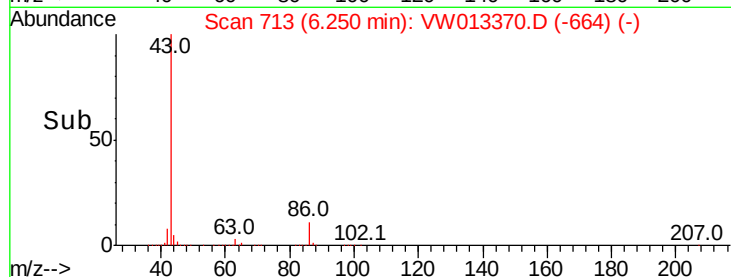
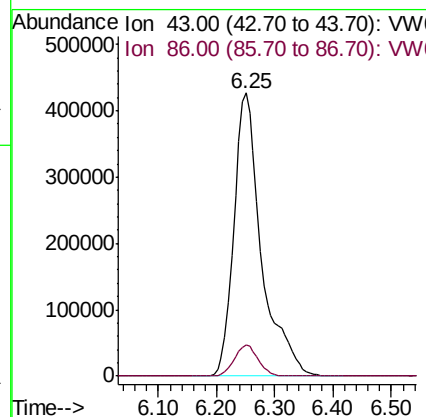
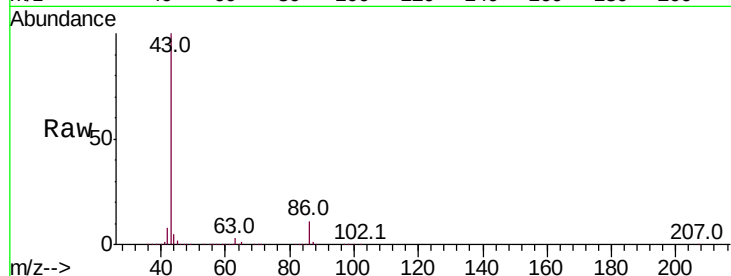
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1404849

Ion Ratio Lower Upper

43 100

86 11.0 8.8 13.2



#24

1,1-Dichloroethane

Concen: 45.049 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

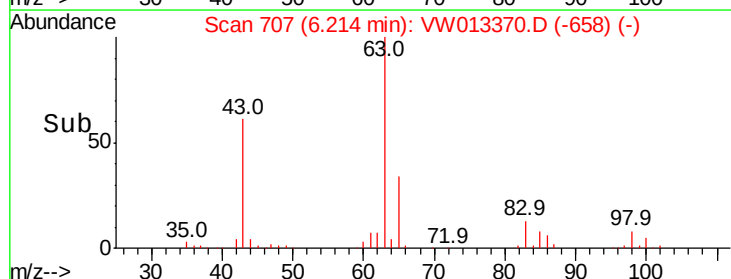
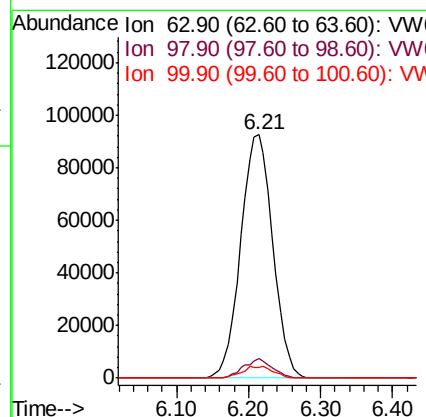
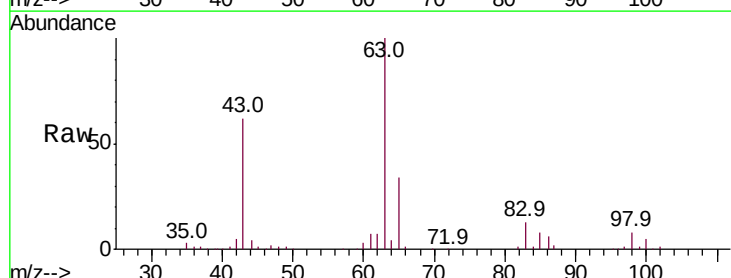
Tgt Ion: 63 Resp: 285472

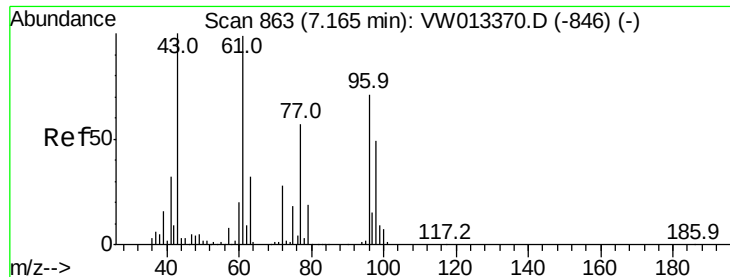
Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.2

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 212.443 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

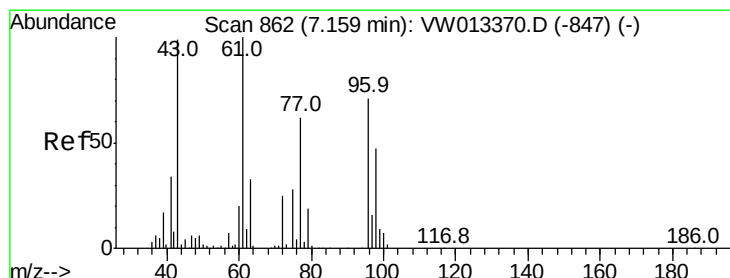
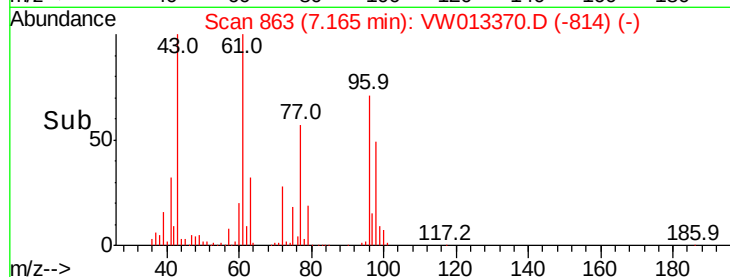
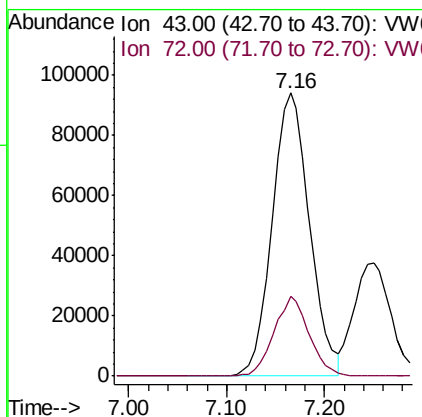
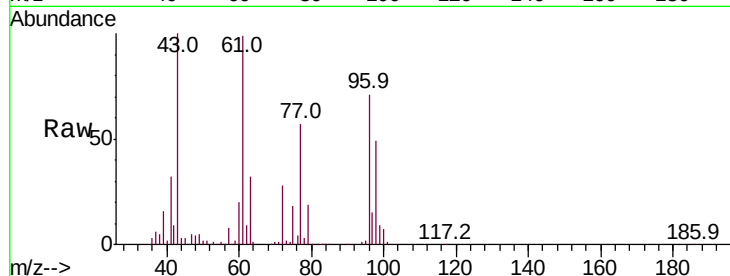
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 251426

Ion Ratio Lower Upper

43 100

72 28.2 22.6 33.8



#26

2,2-Dichloropropane

Concen: 37.996 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW013370.D

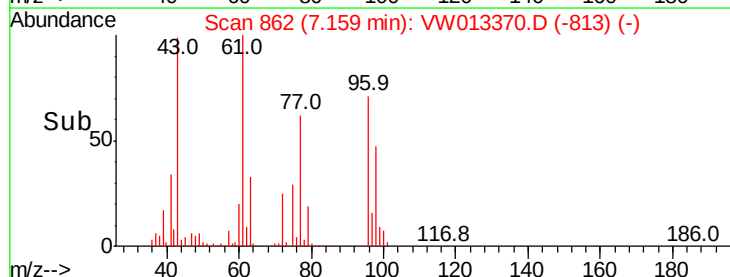
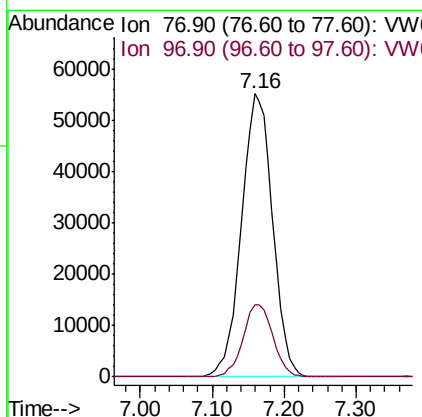
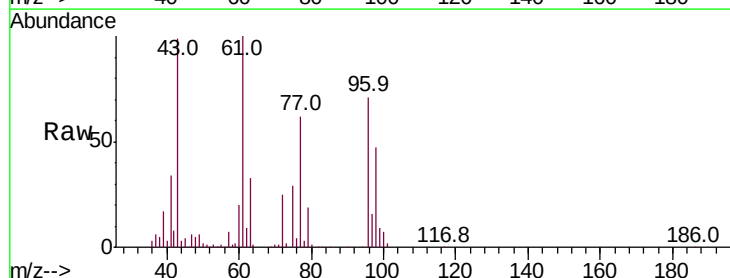
Acq: 01 Oct 2019 14:20

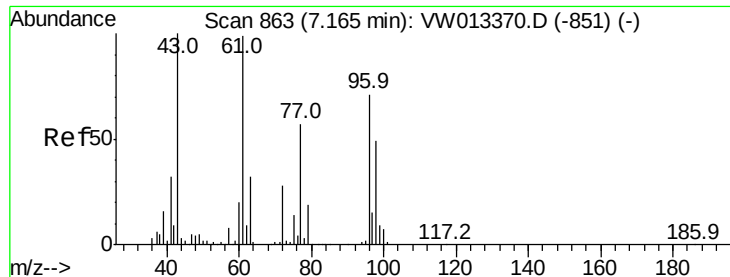
Tgt Ion: 77 Resp: 165344

Ion Ratio Lower Upper

77 100

97 24.5 12.3 36.8



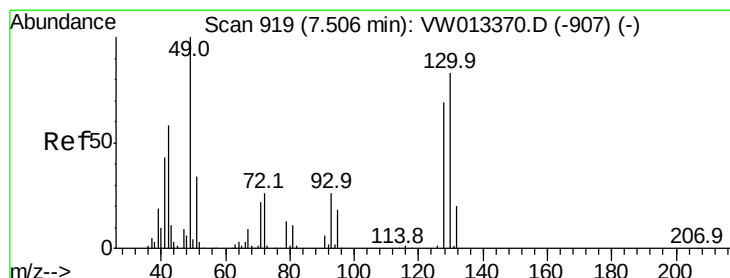
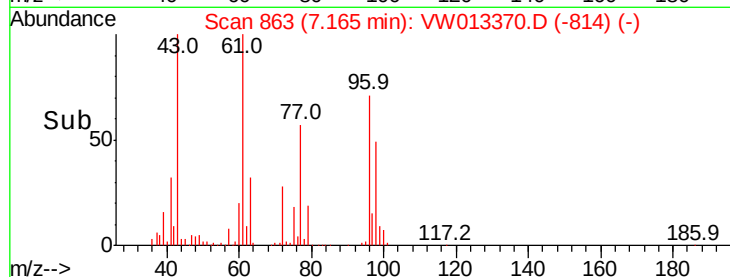
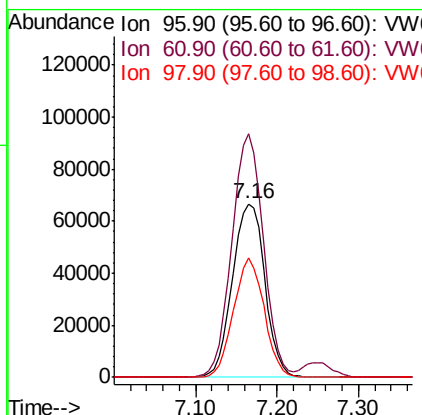
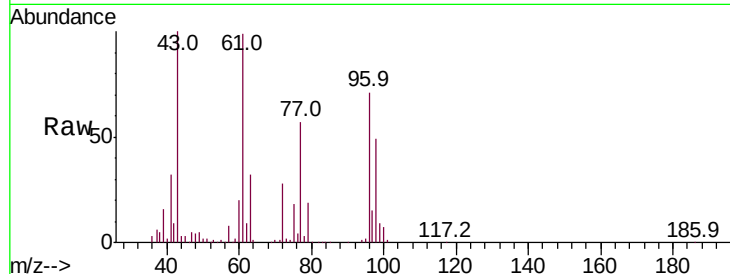


#27

cis-1,2-Dichloroethene
 Concen: 45.389 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Instrument :
 MSVOA_W
 ClientSampled :

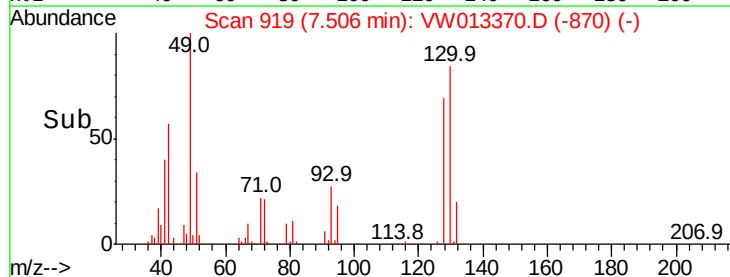
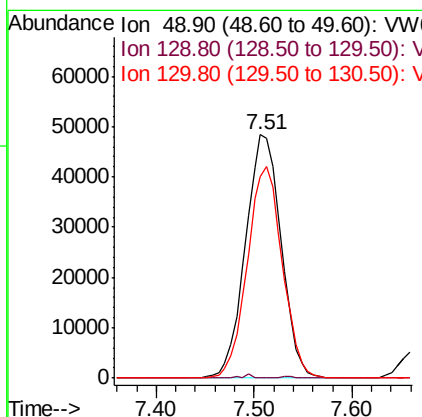
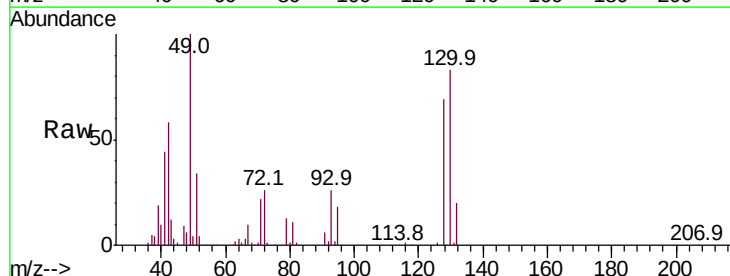
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	273.2
98	65.0	0.0	130.0

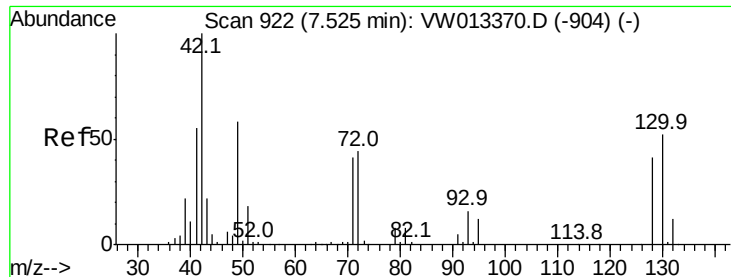


#28

Bromochloromethane
 Concen: 56.293 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	0.8
130	85.4	68.3	102.5

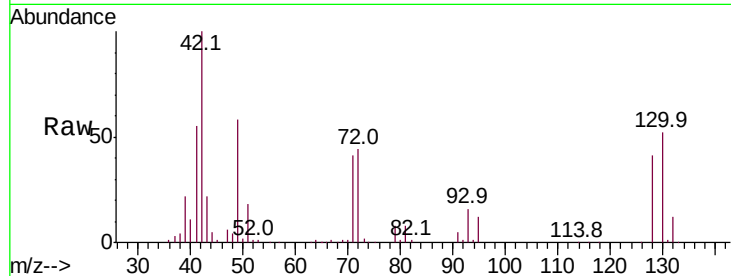




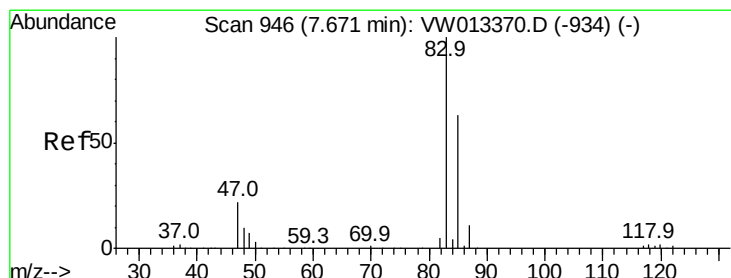
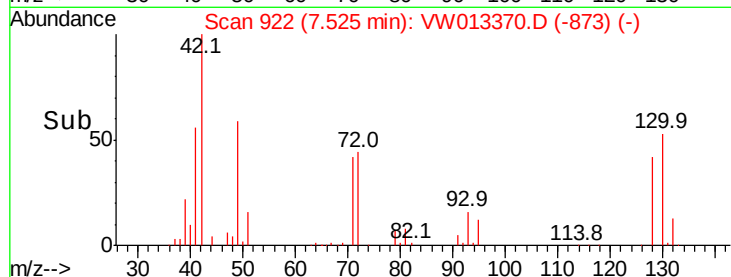
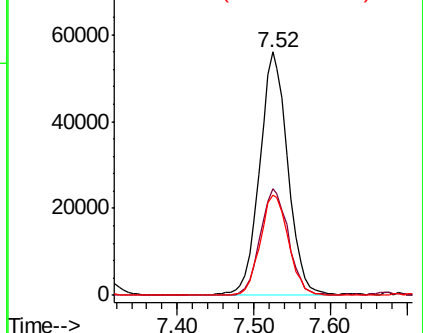
#29
Tetrahydrofuran
Concen: 210.318 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 42 Resp: 144128
Ion Ratio Lower Upper
42 100
72 43.7 35.0 52.4
71 41.4 33.1 49.7

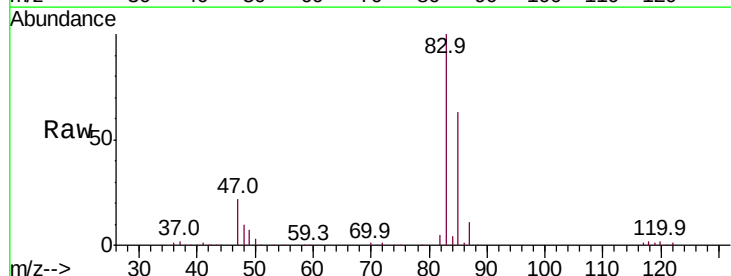


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

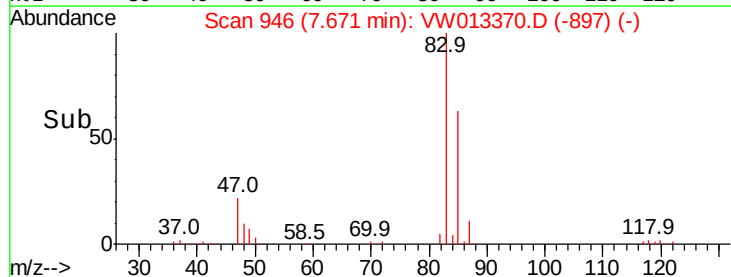
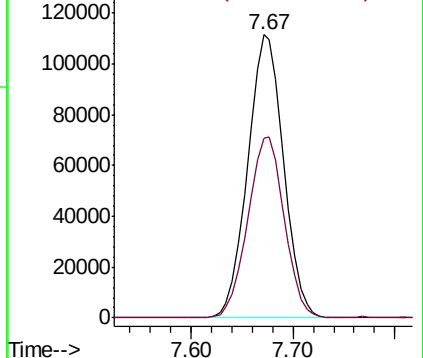


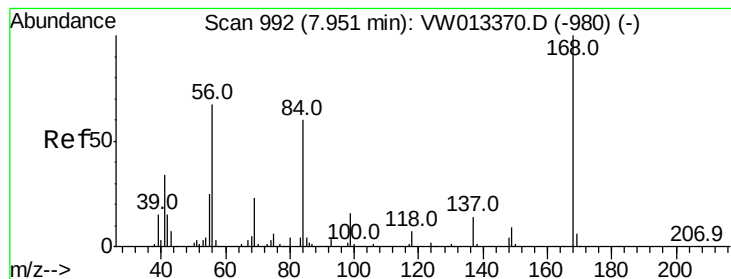
#30
Chloroform
Concen: 43.975 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 83 Resp: 272797
Ion Ratio Lower Upper
83 100
85 63.3 50.6 76.0



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





#31

Cyclohexane

Concen: 40.691 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :

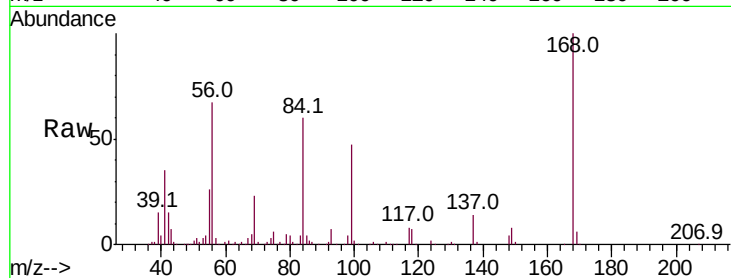
Tot Ion: 56 Resp: 282680

Ion Ratio Lower Upper

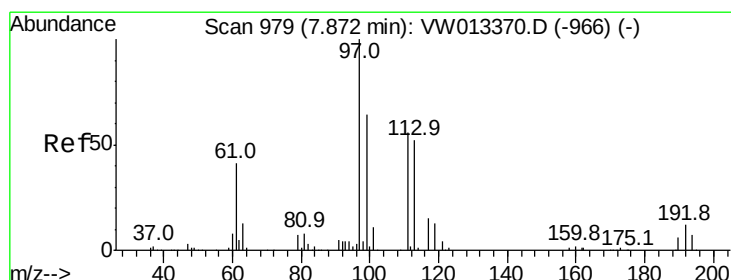
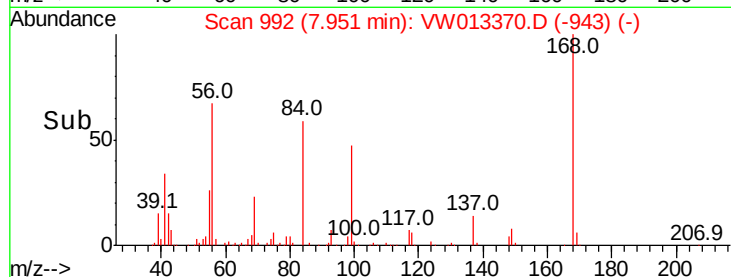
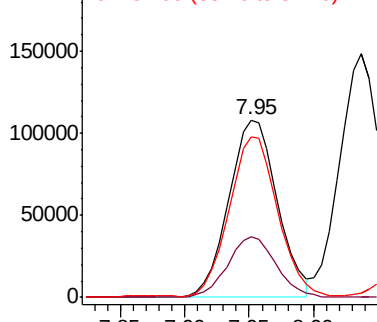
56 100

69 34.4 27.5 41.3

84 89.2 71.4 107.0



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: 44.938 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

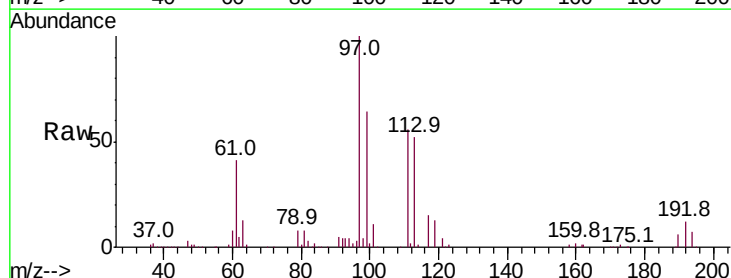
Tgt Ion: 97 Resp: 218109

Ion Ratio Lower Upper

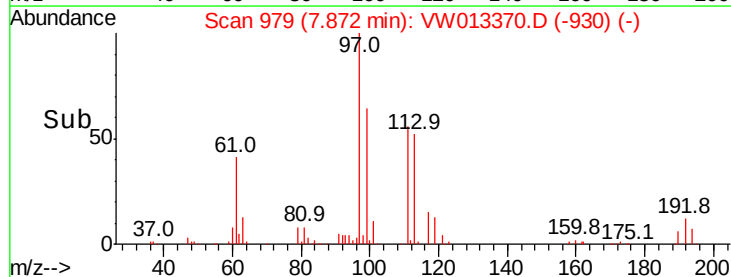
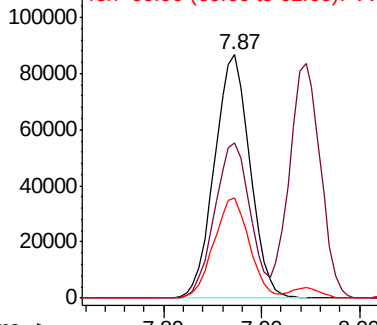
97 100

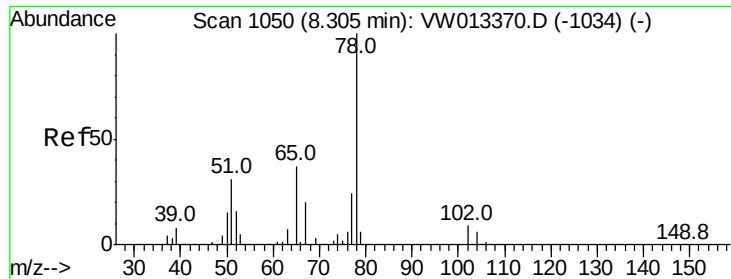
99 64.5 51.6 77.4

61 41.2 33.0 49.4



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

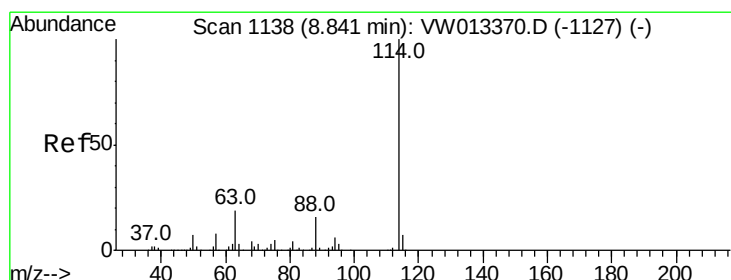
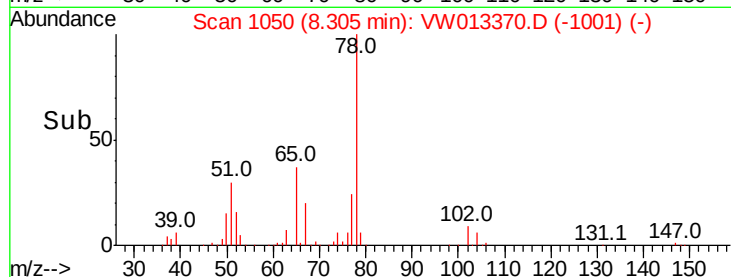
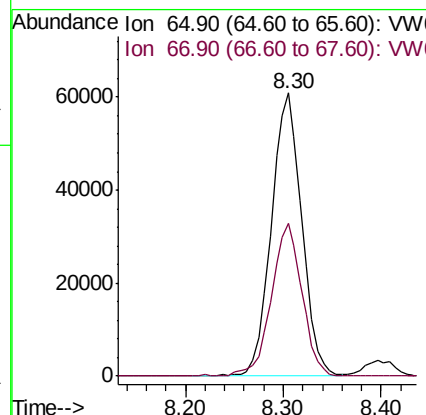
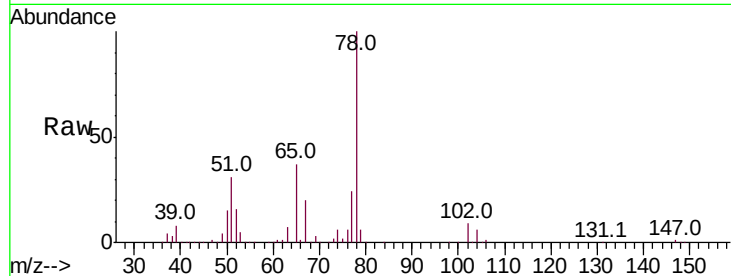




#33
 1,2-Dichloroethane-d4
 Concen: 45.309 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

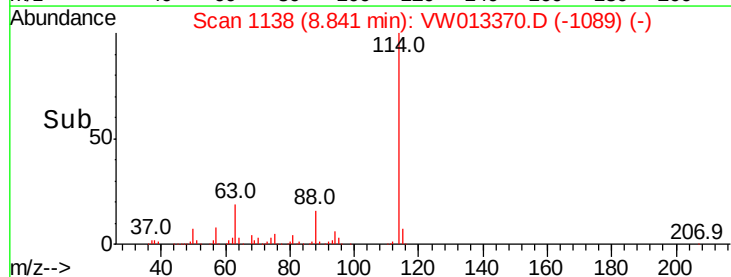
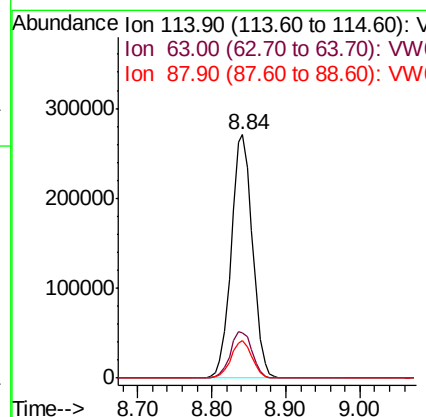
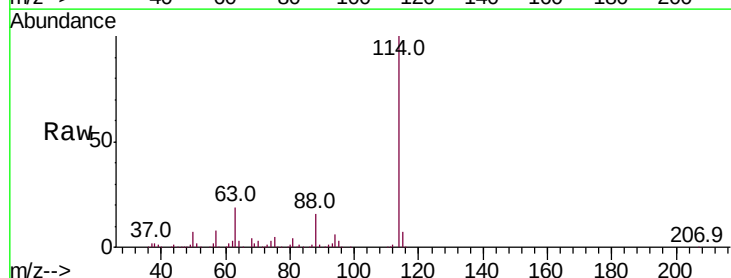
Instrument :
 MSVOA_W
 ClientSampled :

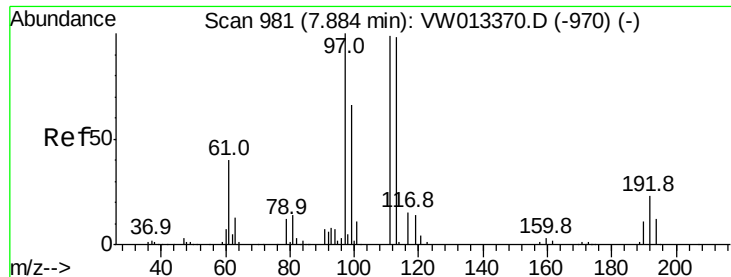
Tot Ion: 65 Resp: 132000
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion: 114 Resp: 538974
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.4
 88 15.6 0.0 31.2

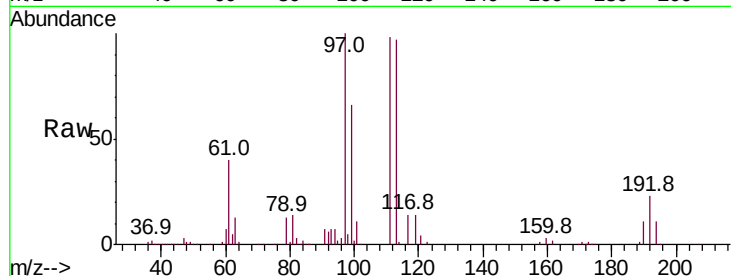




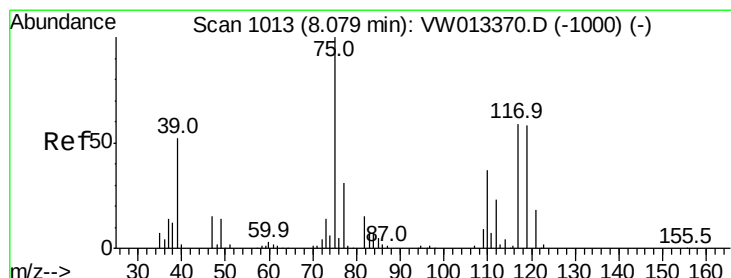
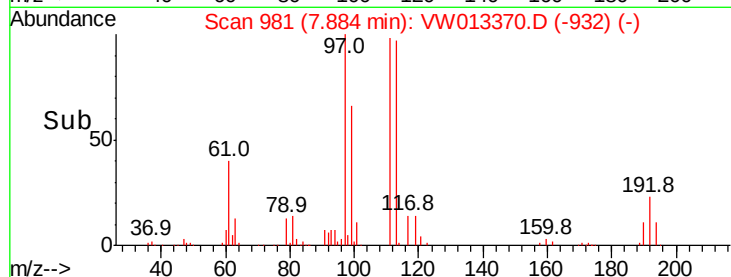
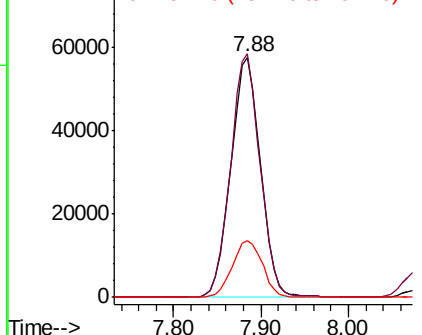
#35
 Dibromofluoromethane
 Concen: 46.900 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.9	121.3
192	23.9	19.1	28.7

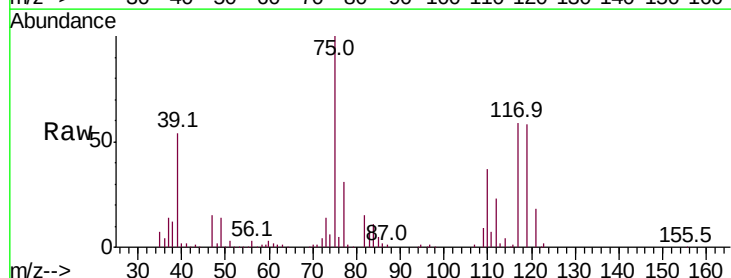


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

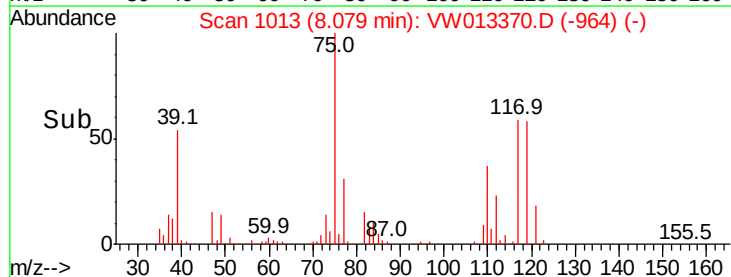
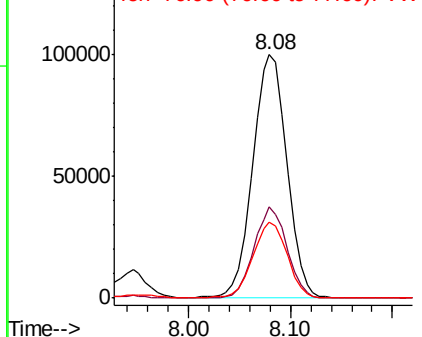


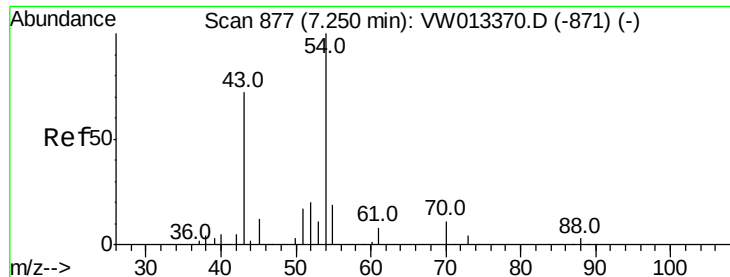
#36
 1,1-Dichloropropene
 Concen: 44.783 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.9	53.8
77	31.2	25.0	37.4



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

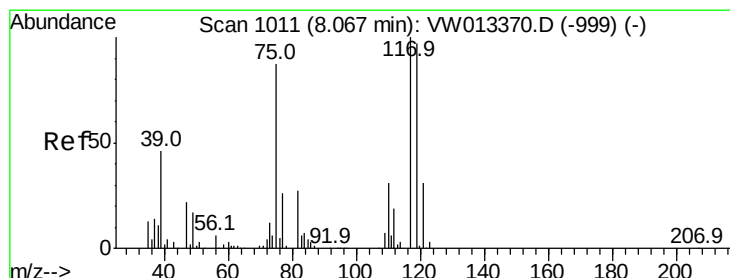
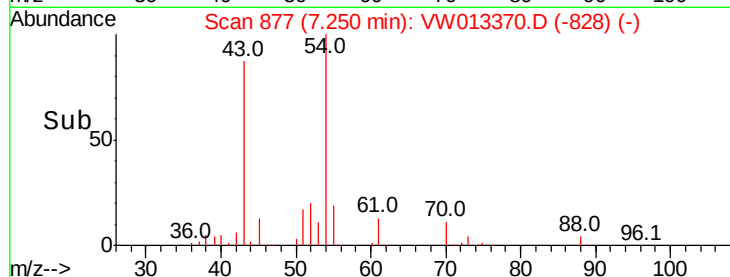
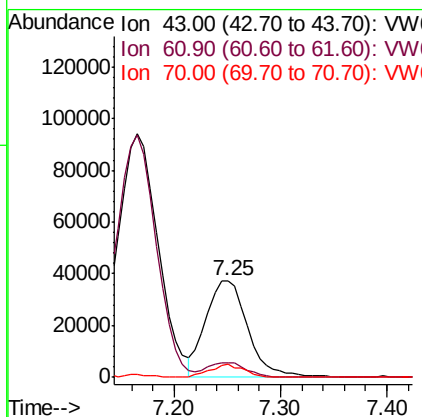
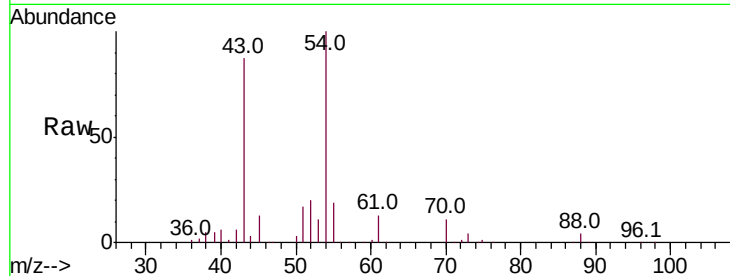




#37
Ethyl Acetate
Concen: 38.179 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

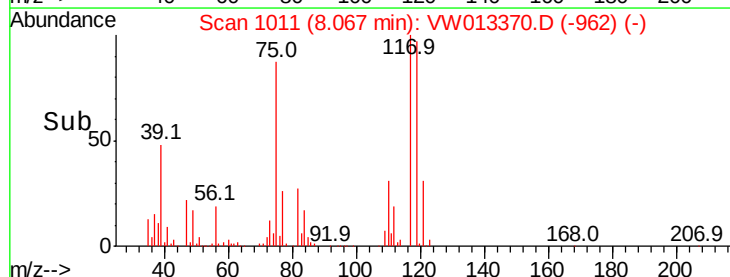
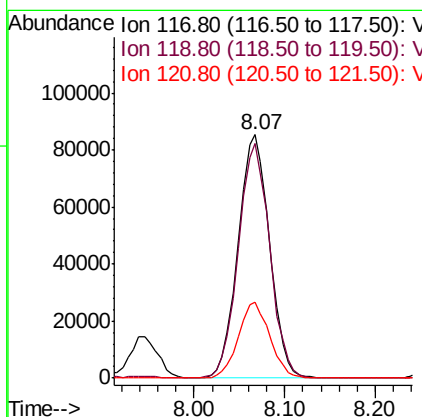
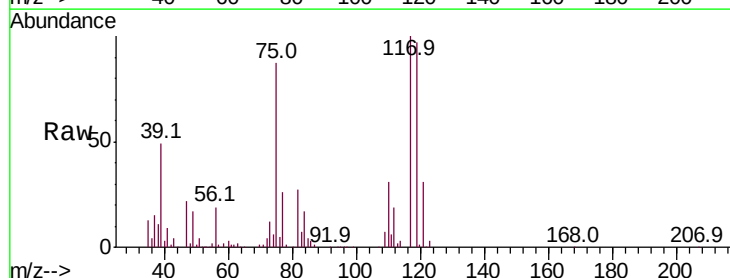
Instrument :
MSVOA_W
ClientSampled :

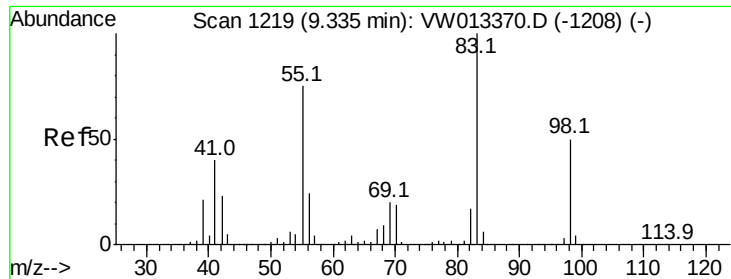
Tot Ion: 43 Resp: 100480
Ion Ratio Lower Upper
43 100
61 14.3 11.4 17.2
70 11.6 9.3 13.9



#38
Carbon Tetrachloride
Concen: 45.945 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 117 Resp: 205152
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
121 30.9 24.7 37.1

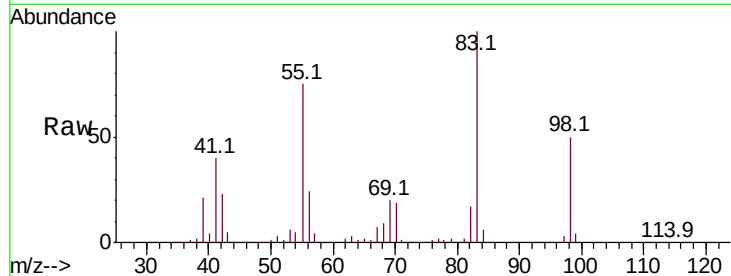




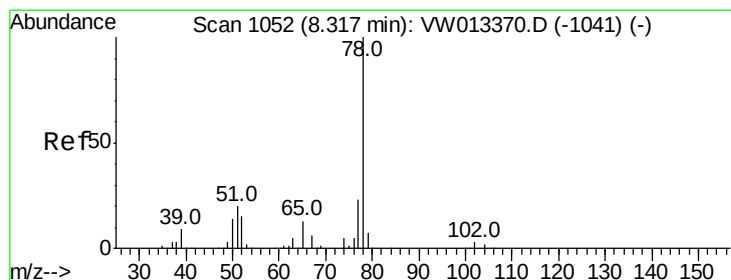
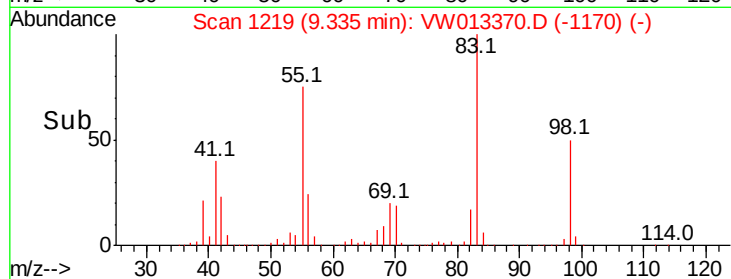
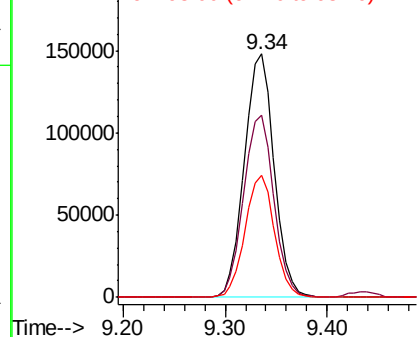
#39
Methylvlcyclohexane
Concen: 43.927 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	83	Resp	300685
Ion Ratio	100	Lower	Upper
55	74.9	59.9	89.9
98	50.4	40.3	60.5

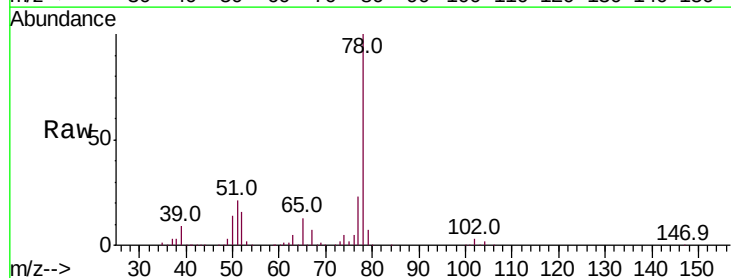


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

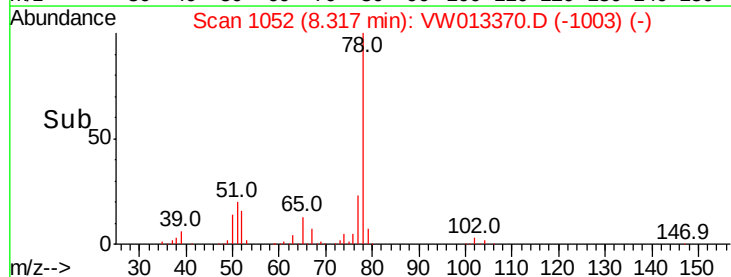
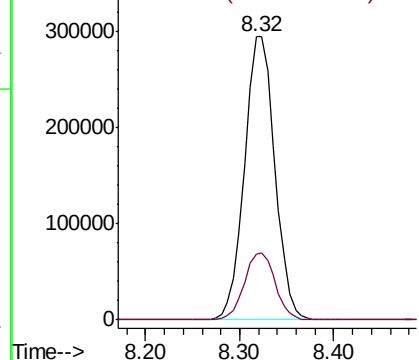


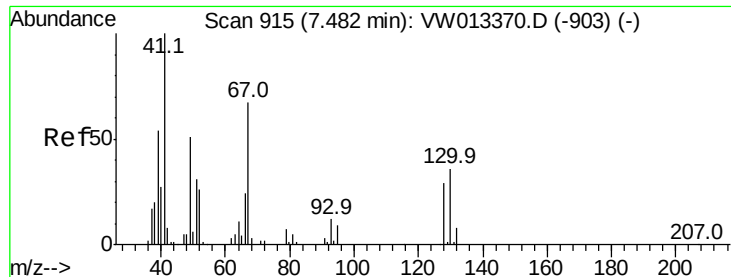
#40
Benzene
Concen: 44.910 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion	78	Resp	662377
Ion Ratio	100	Lower	Upper
77	23.0	18.4	27.6



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

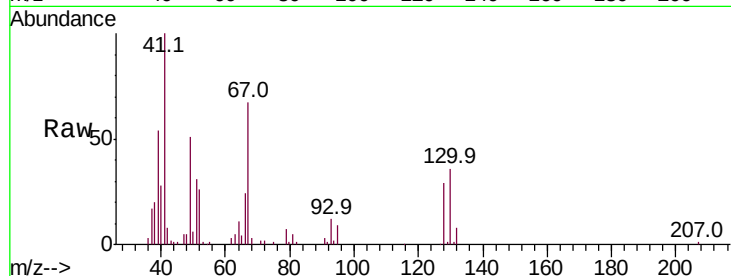




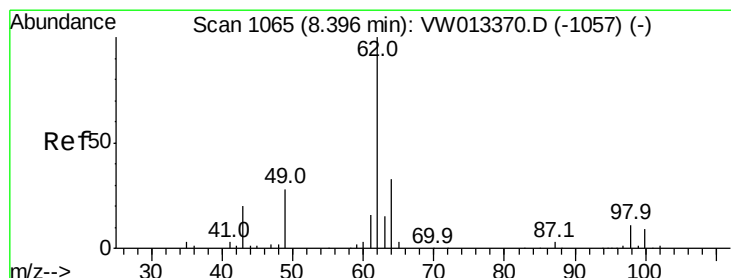
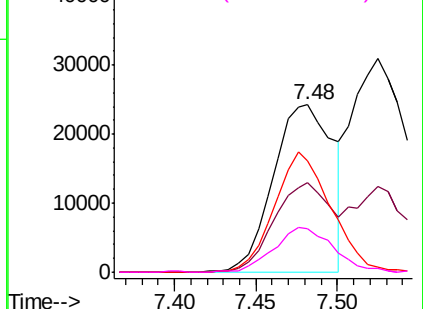
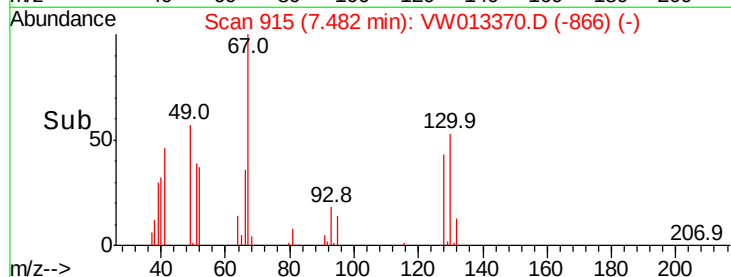
#41
Methacrylonitrile
Concen: 21.798 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 41 Resp: 61754
Ion Ratio Lower Upper
41 100
39 50.9 40.7 61.1
67 68.4 54.7 82.1
52 26.8 21.4 32.2

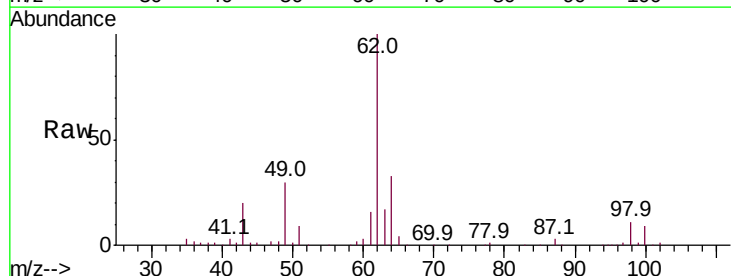


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

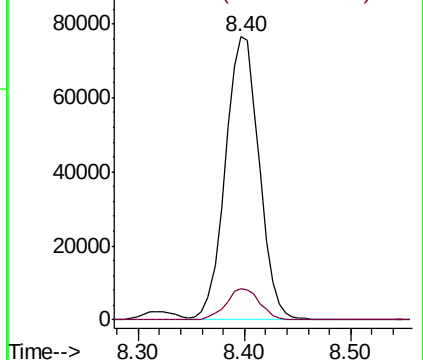
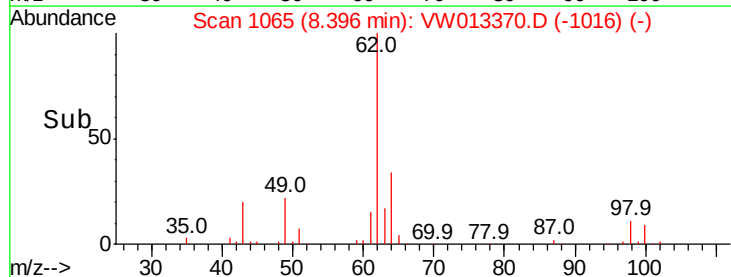


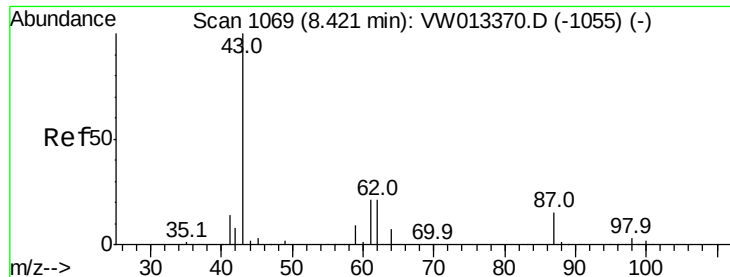
#42
1,2-Dichloroethane
Concen: 45.327 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 62 Resp: 169406
Ion Ratio Lower Upper
62 100
98 11.1 0.0 22.2



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





#43

Isopropyl Acetate

Concen: 44.078 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

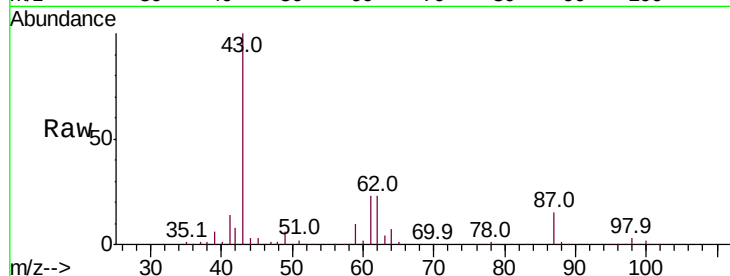
Tot Ion: 43 Resp: 190379

Ion Ratio Lower Upper

43 100

61 31.0 24.8 37.2

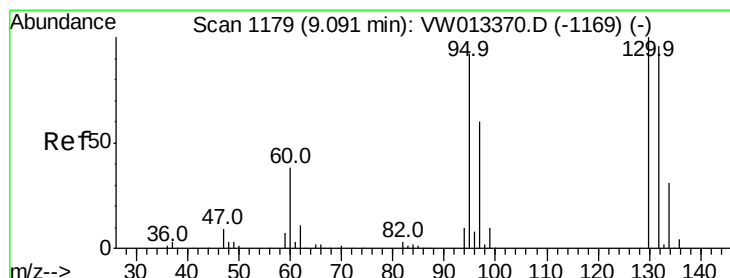
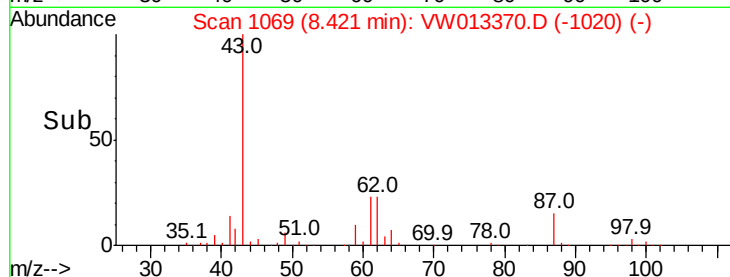
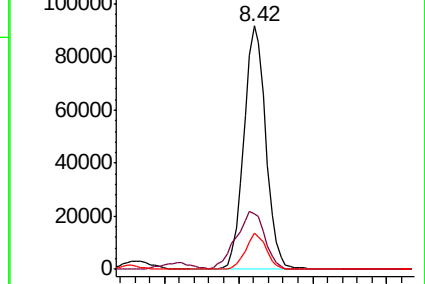
87 14.1 11.3 16.9



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: 45.417 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013370.D

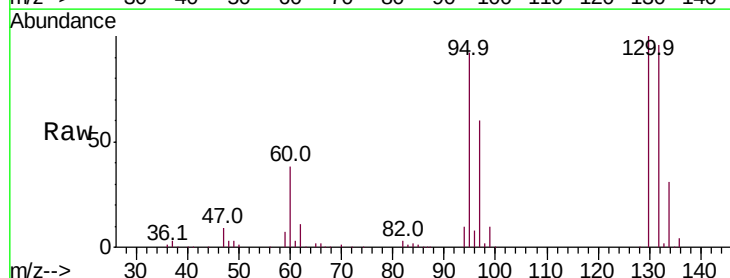
Acq: 01 Oct 2019 14:20

Tgt Ion:130 Resp: 188963

Ion Ratio Lower Upper

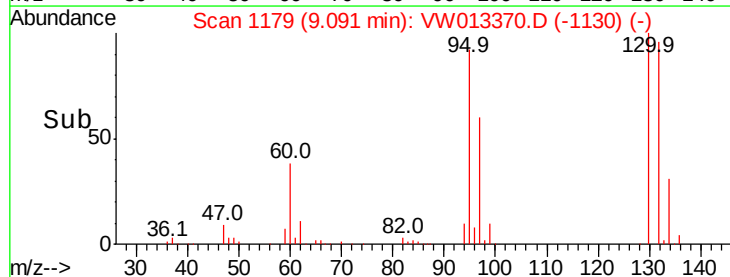
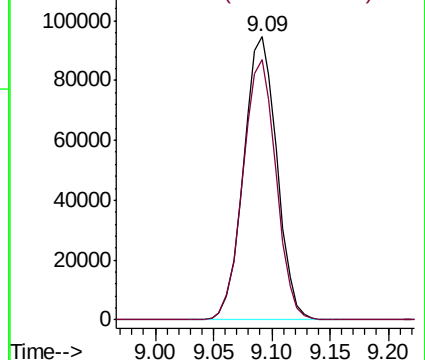
130 100

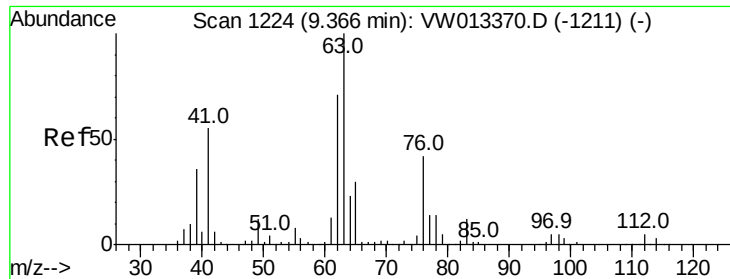
95 91.9 0.0 183.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

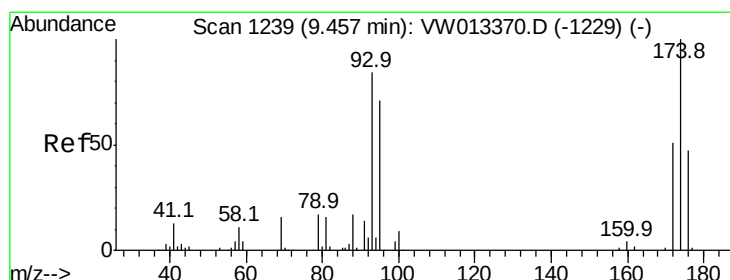
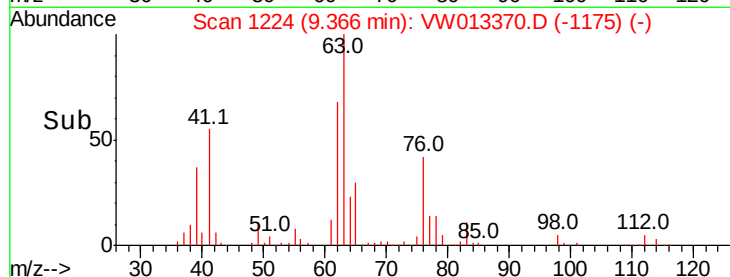
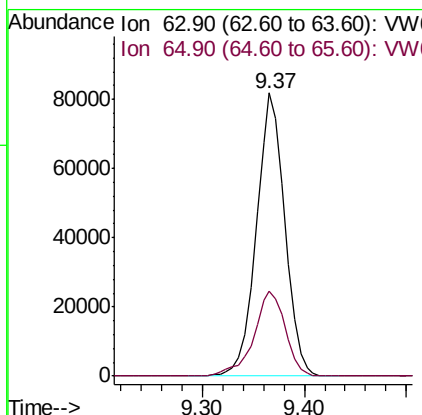
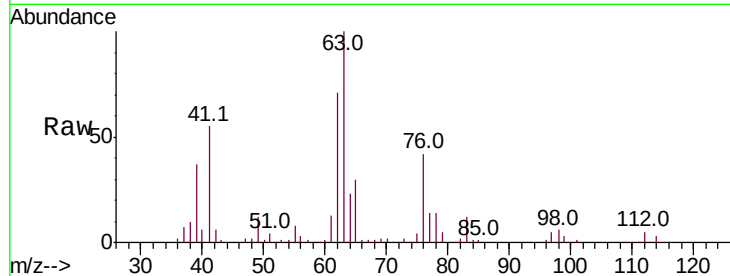




#45
 1,2-Dichloropropane
 Concen: 45.460 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

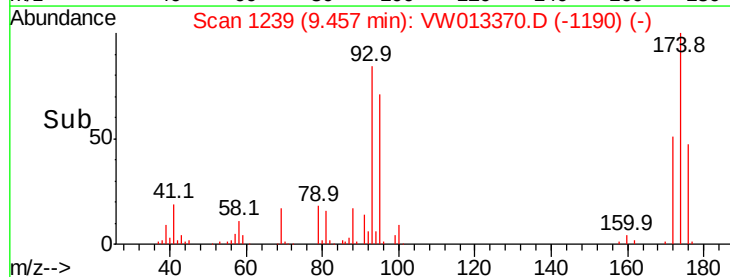
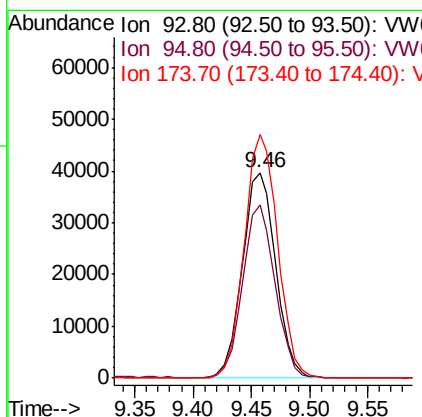
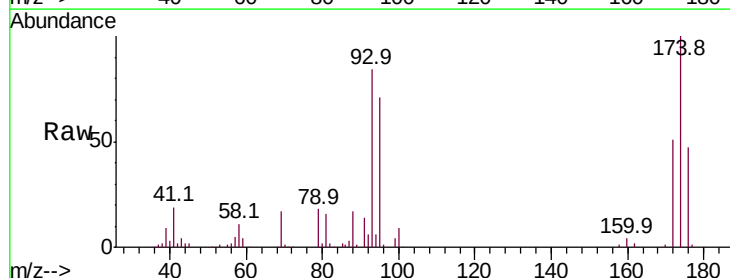
Instrument :
 MSVOA_W
 ClientSampleId :

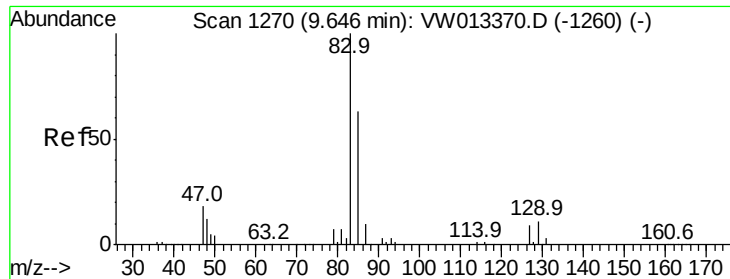
Tot Ion: 63 Resp: 158574
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.2 36.4



#46
 Dibromomethane
 Concen: 45.315 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion: 93 Resp: 79385
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.8
 174 118.8 95.0 142.6





#47

Bromodichloromethane

Concen: 46.573 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampled :

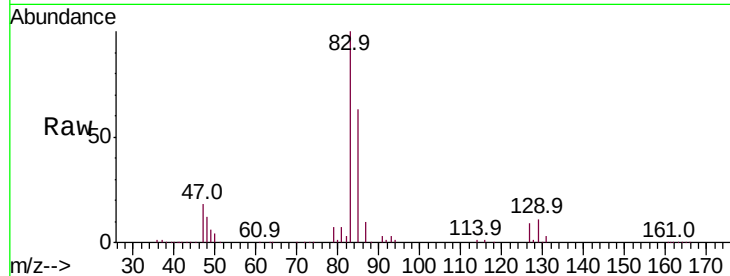
Tot Ion: 83 Resp: 197497

Ion Ratio Lower Upper

83 100

85 63.0 50.4 75.6

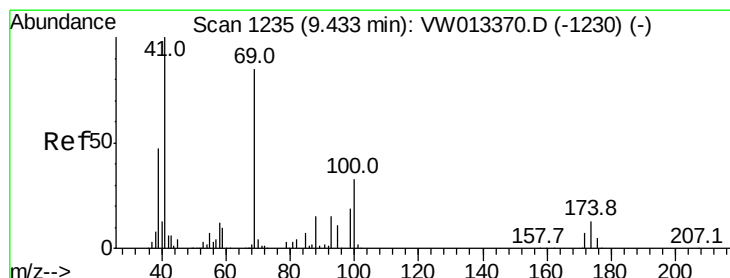
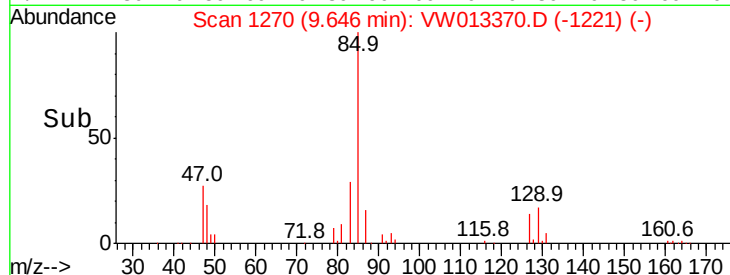
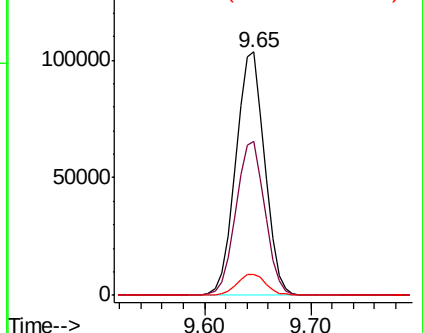
127 8.8 7.0 10.6



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): V



#48

Methyl methacrylate

Concen: 44.949 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

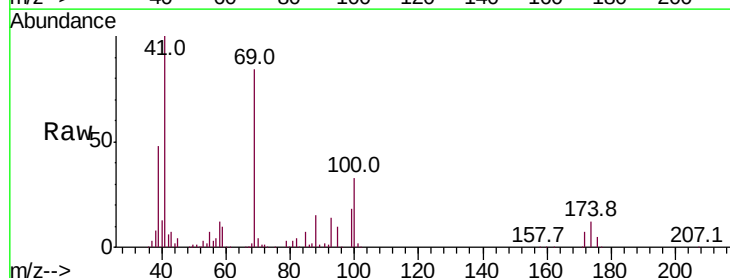
Tgt Ion: 41 Resp: 90688

Ion Ratio Lower Upper

41 100

69 88.5 70.8 106.2

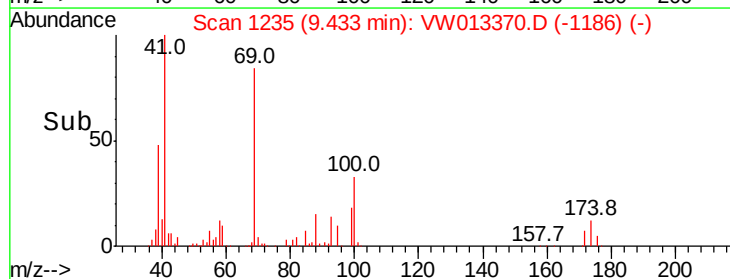
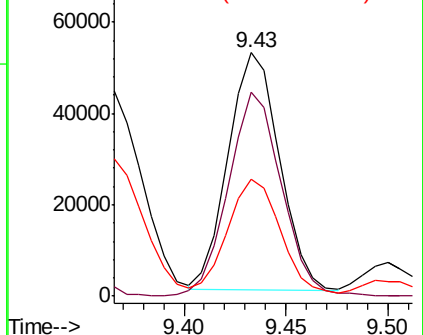
39 48.9 39.1 58.7

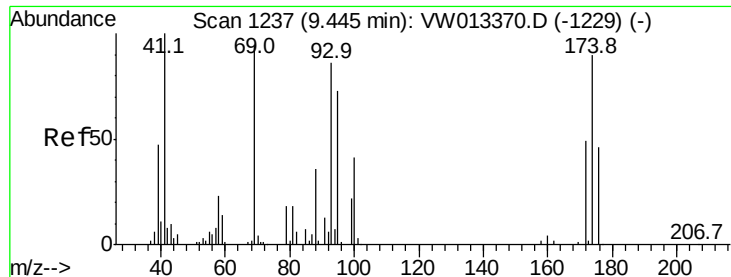


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 789.949 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampled :

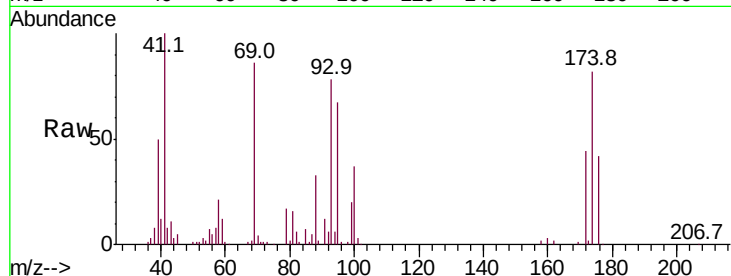
Tot Ion: 88 Resp: 24706

Ion Ratio Lower Upper

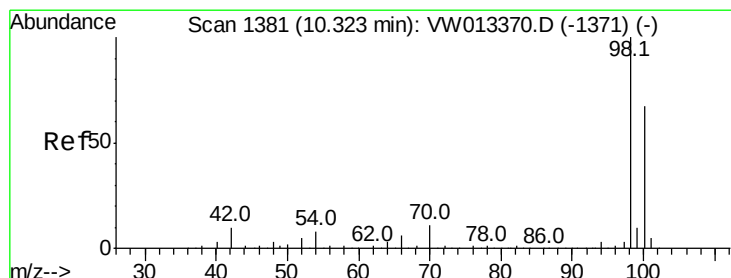
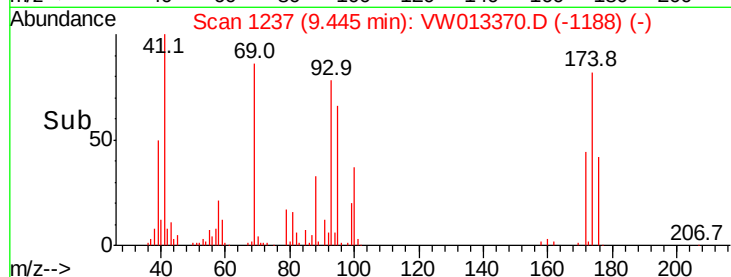
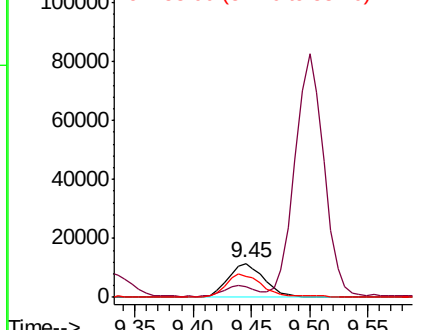
88 100

43 28.9 23.1 34.7

58 71.6 57.3 85.9



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 47.220 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013370.D

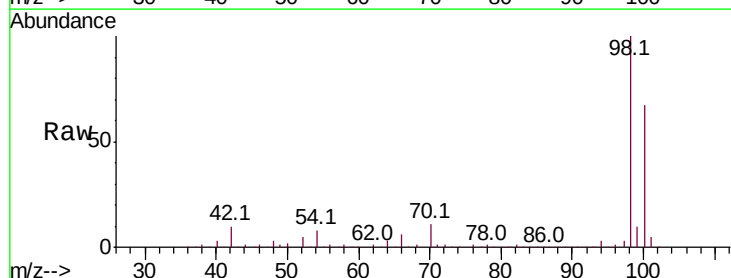
Acq: 01 Oct 2019 14:20

Tgt Ion: 98 Resp: 562309

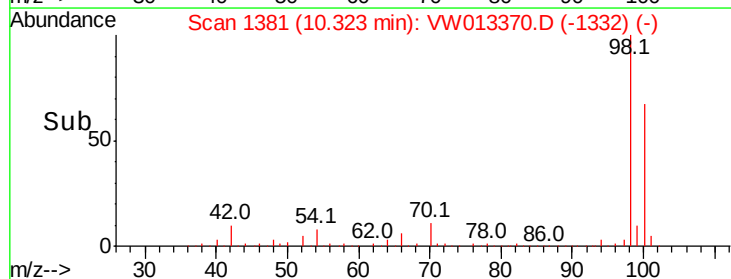
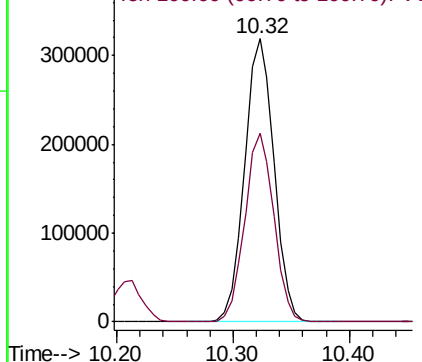
Ion Ratio Lower Upper

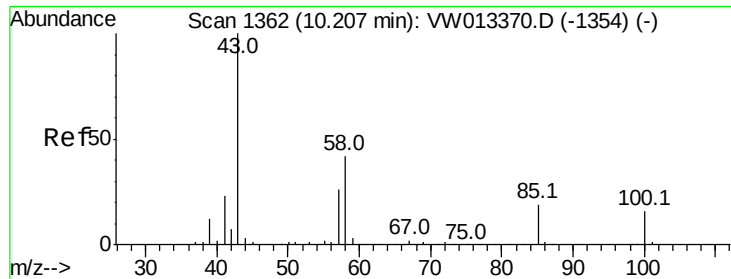
98 100

100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

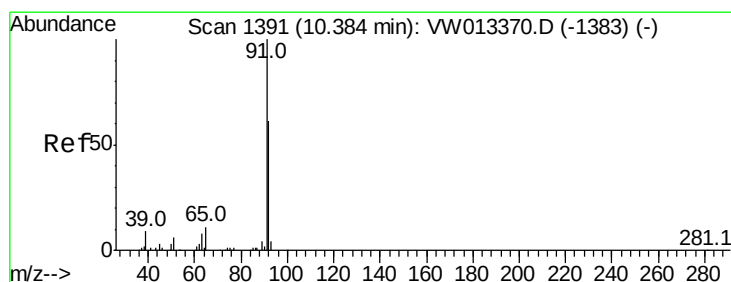
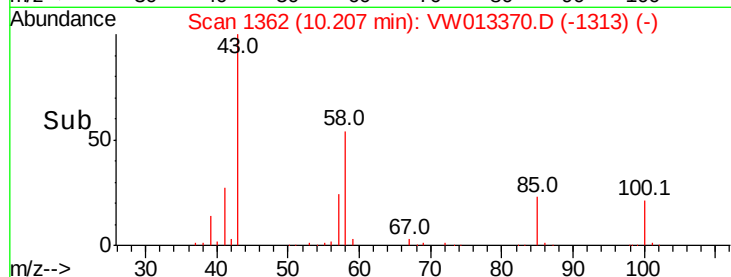
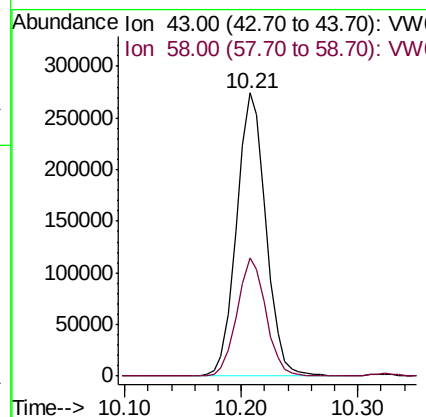
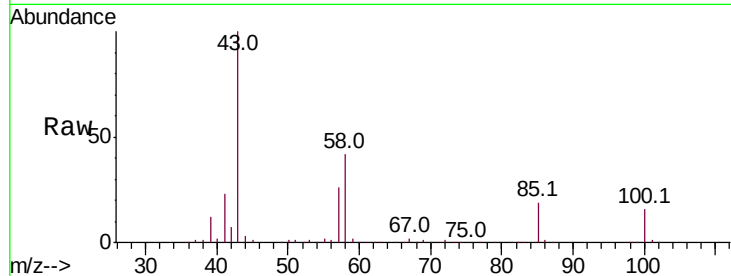




#51
4-Methyl-2-Pentanone
Concen: 206.094 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

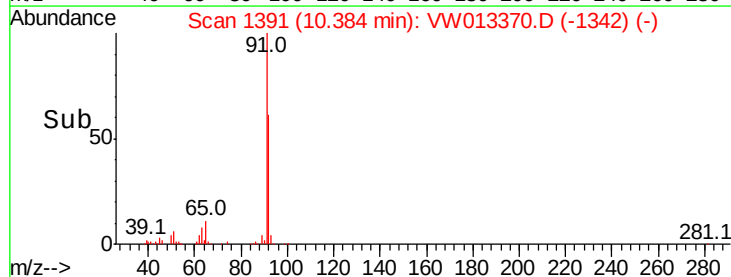
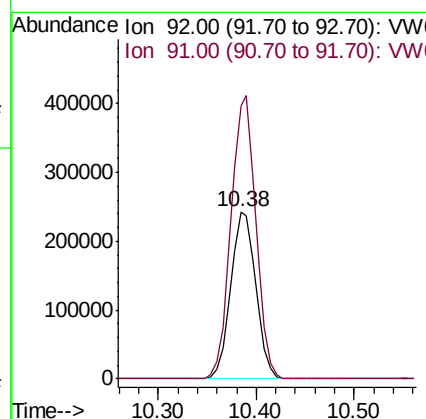
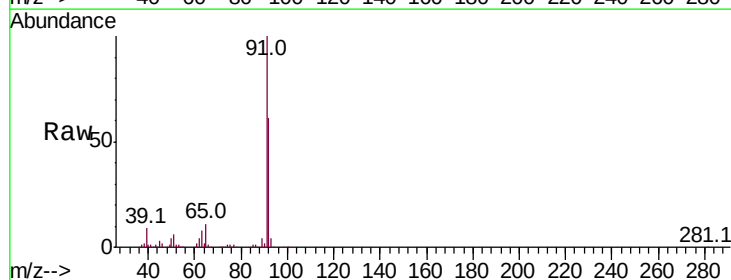
Instrument :
MSVOA_W
ClientSampleId :

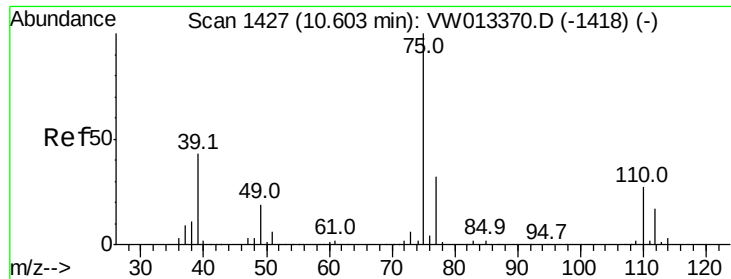
Tot Ion: 43 Resp: 479723
Ion Ratio Lower Upper
43 100
58 41.1 32.9 49.3



#52
Toluene
Concen: 45.673 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 92 Resp: 429915
Ion Ratio Lower Upper
92 100
91 168.5 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 48.220 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

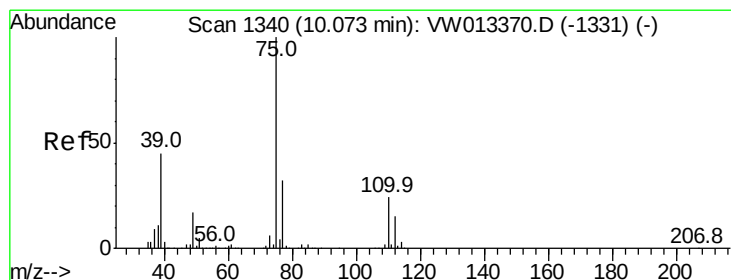
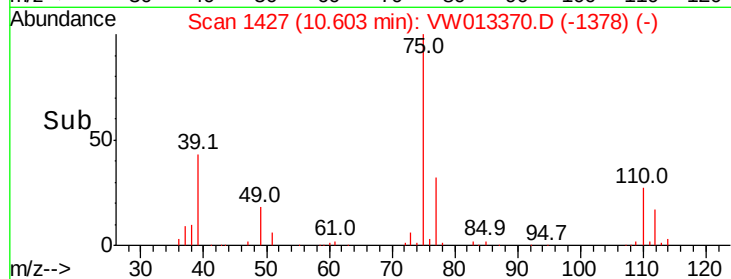
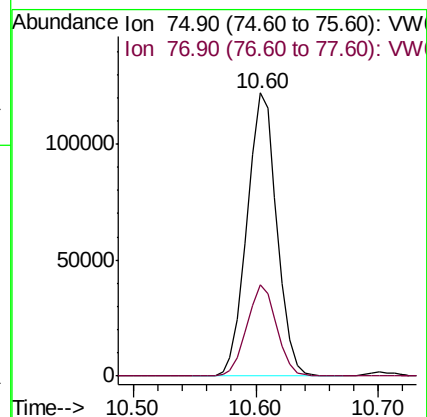
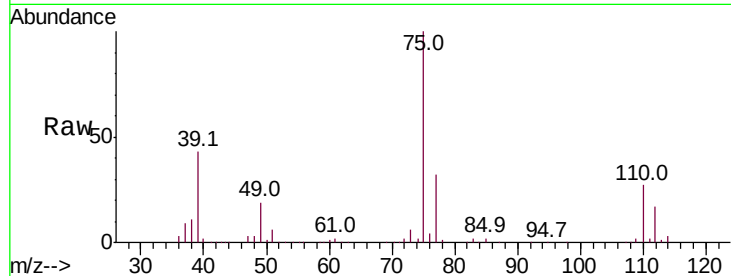
ClientSampled :

Tot Ion: 75 Resp: 206806

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 47.544 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

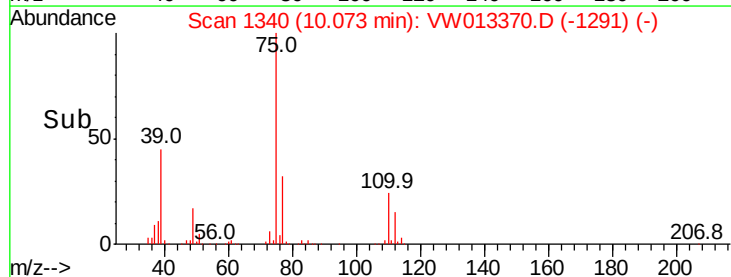
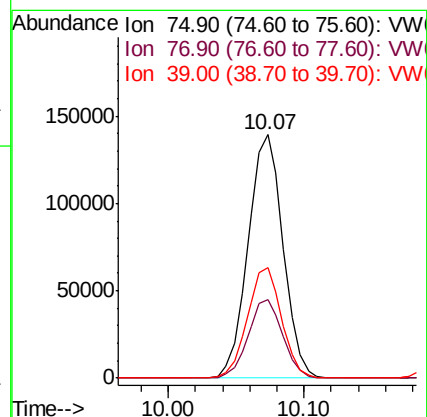
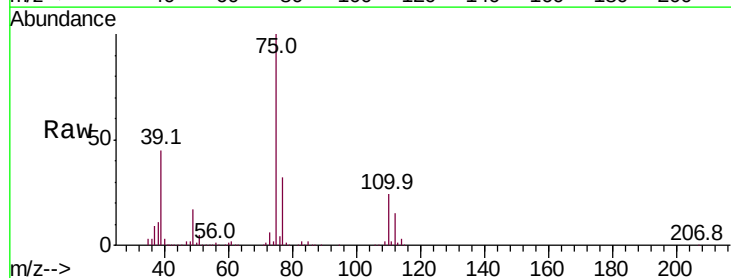
Tgt Ion: 75 Resp: 250387

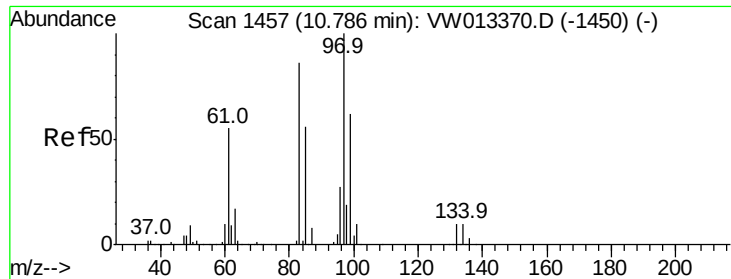
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

39 45.4 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 44.457 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

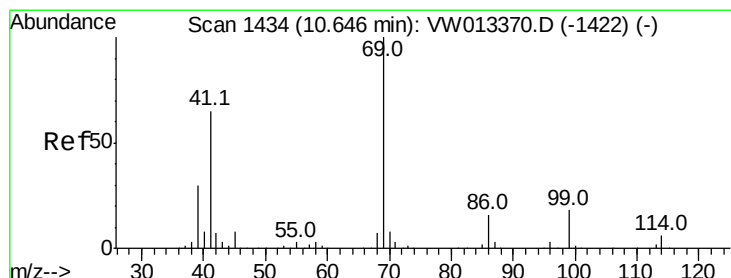
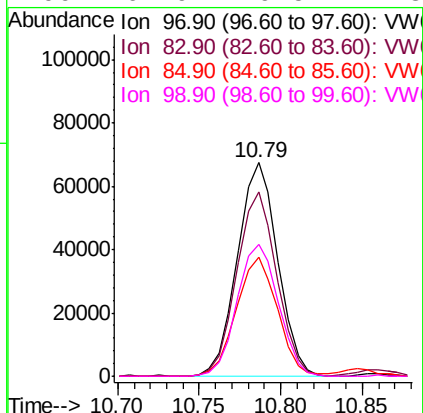
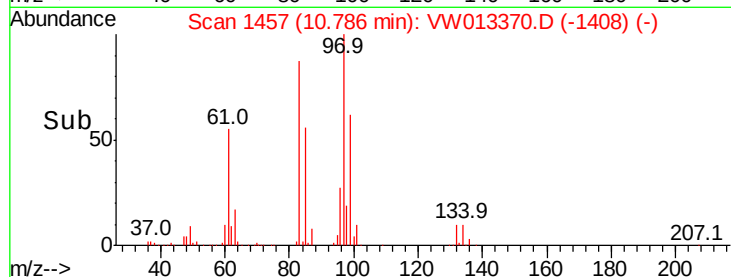
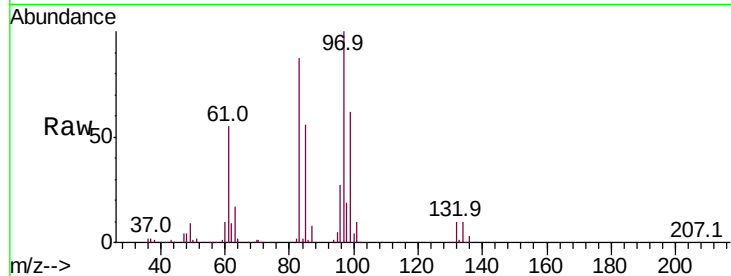
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 115796

Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.2	103.8
85	55.6	44.5	66.7
99	61.9	49.5	74.3



#56

Ethyl methacrylate

Concen: 46.887 ug/l

RT: 10.65 min Scan# 1434

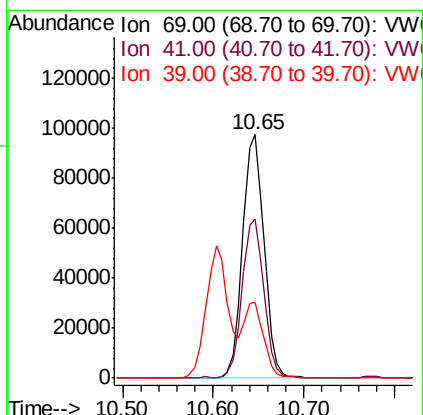
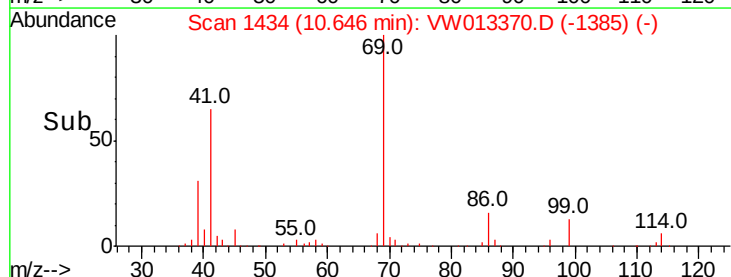
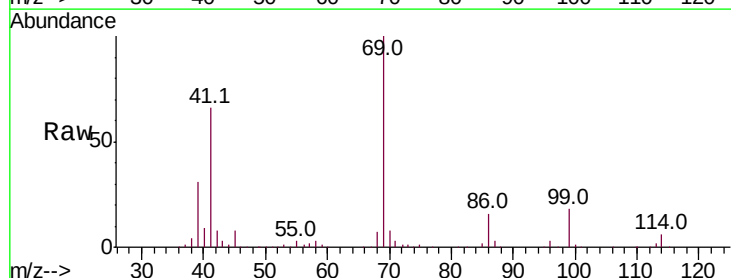
Delta R.T. 0.00 min

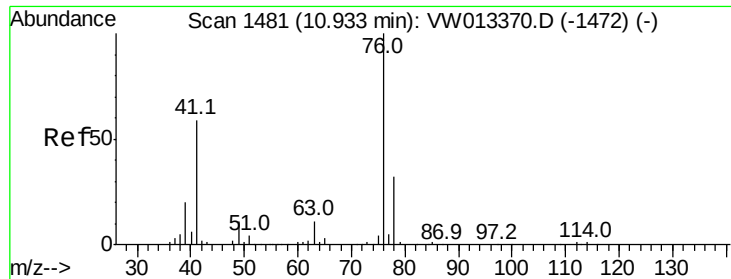
Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Tgt Ion: 69 Resp: 160718

Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.4	80.2
39	27.9	22.3	33.5

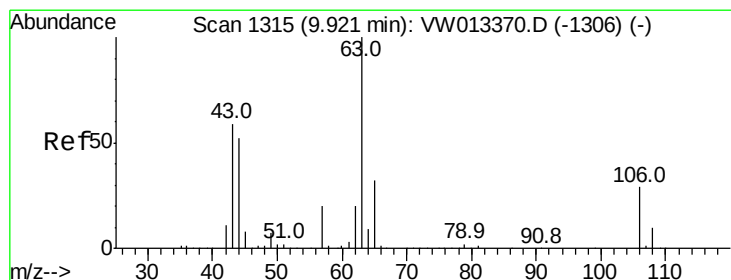
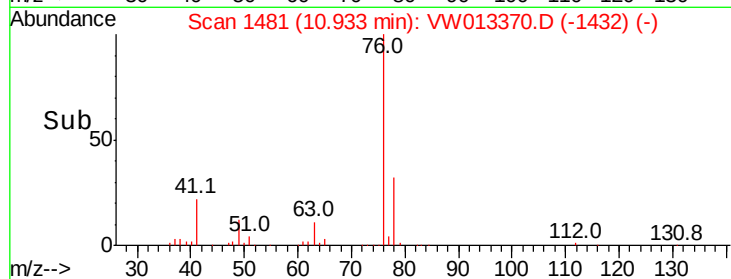
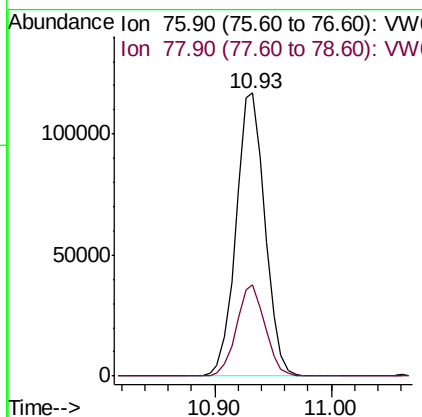
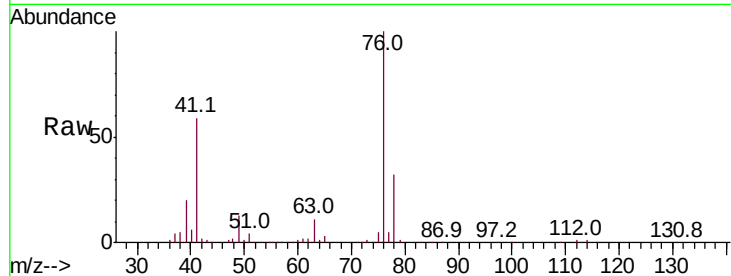




#57
 1,3-Dichloropropane
 Concen: 44.101 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

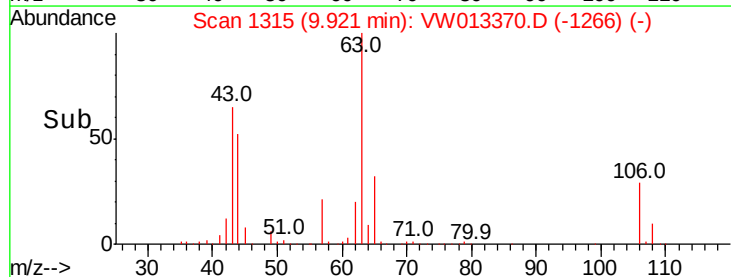
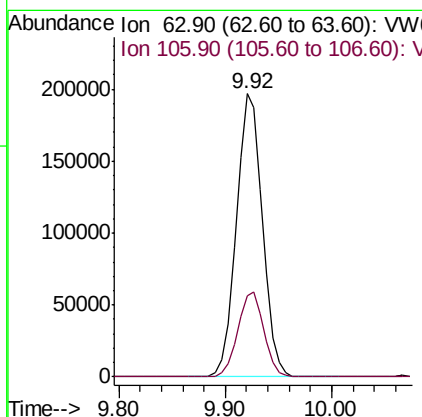
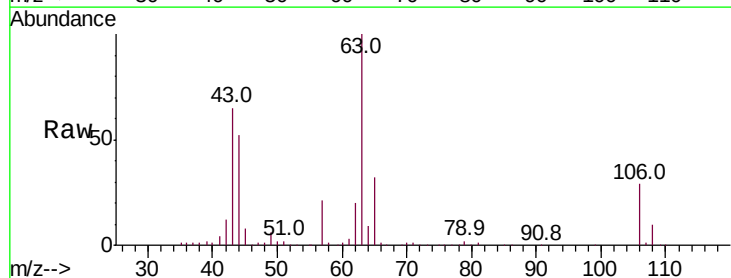
Instrument :
 MSVOA_W
 ClientSampled :

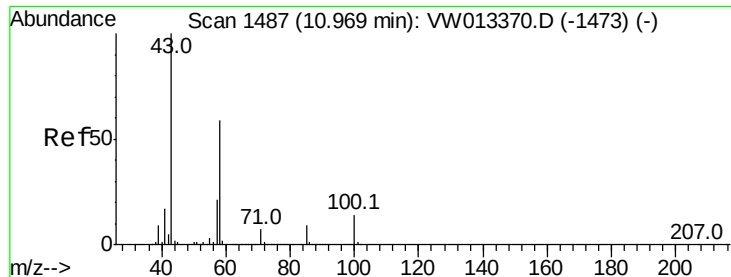
Tot Ion: 76 Resp: 202082
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.853 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion: 63 Resp: 337767
 Ion Ratio Lower Upper
 63 100
 106 30.0 24.0 36.0

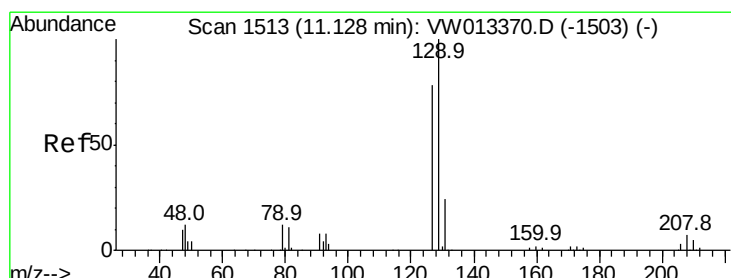
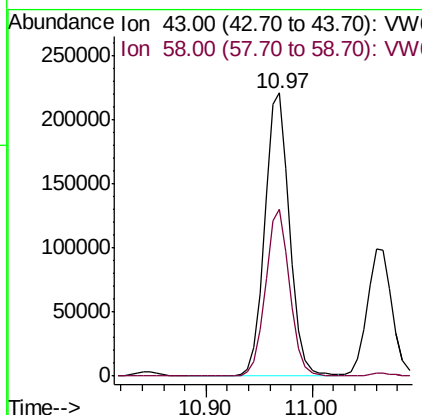
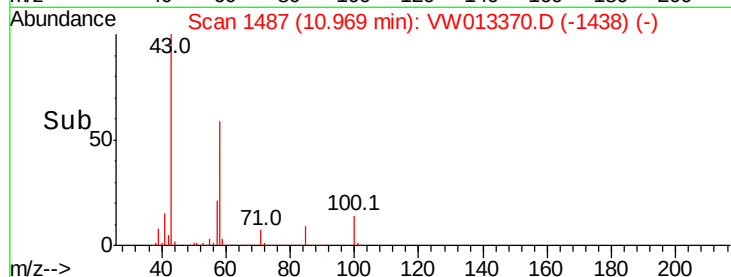
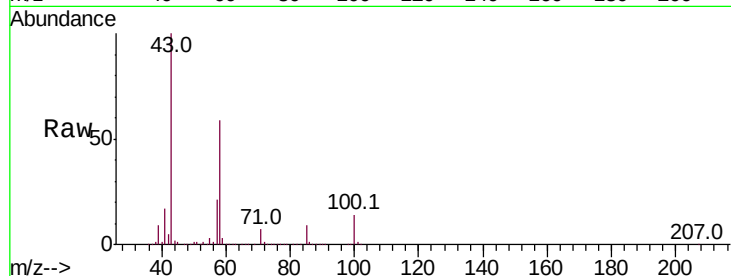




#59
2-Hexanone
Concen: 230.196 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

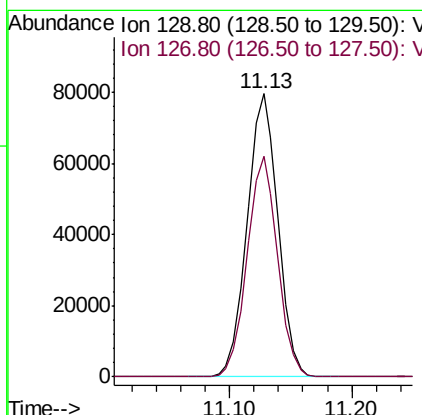
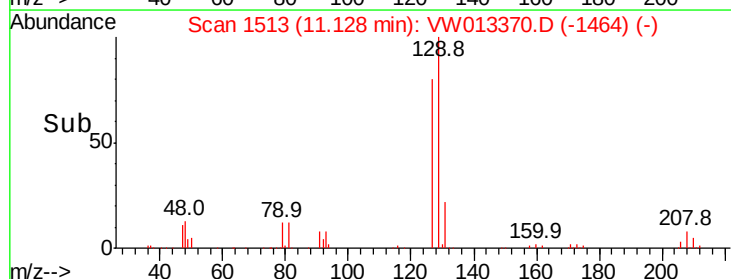
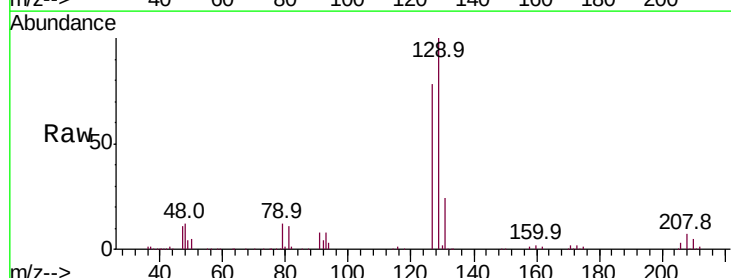
Instrument :
MSVOA_W
ClientSampled :

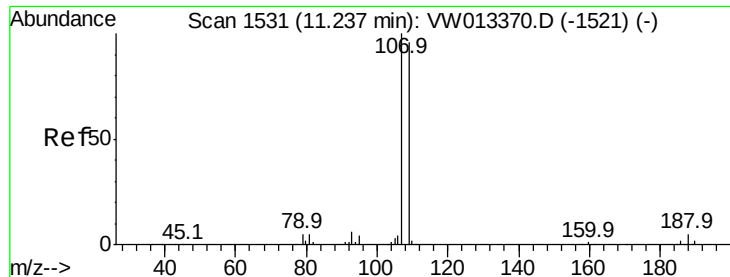
Tot Ion: 43 Resp: 357548
Ion Ratio Lower Upper
43 100
58 57.7 28.8 86.5



#60
Dibromochloromethane
Concen: 48.215 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 129 Resp: 139079
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

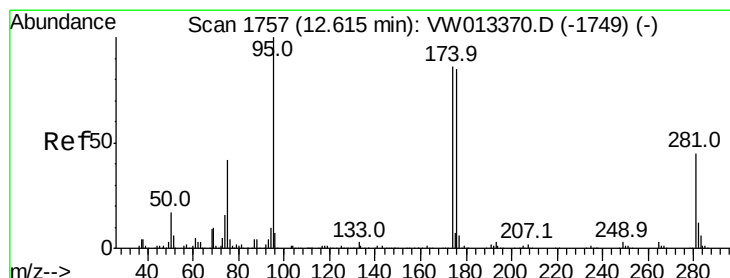
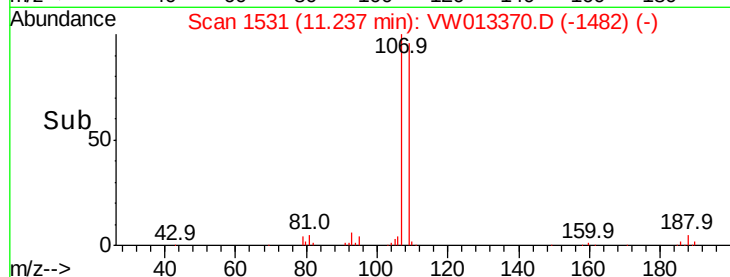
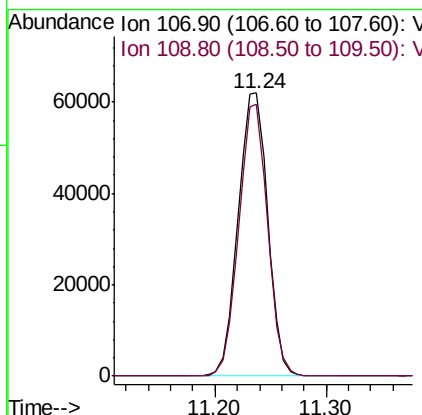
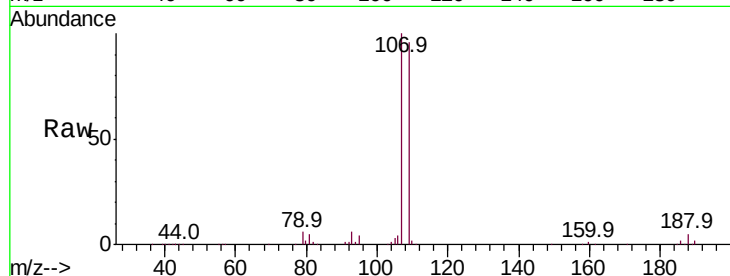




#61
 1,2-Dibromoethane
 Concen: 44.990 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

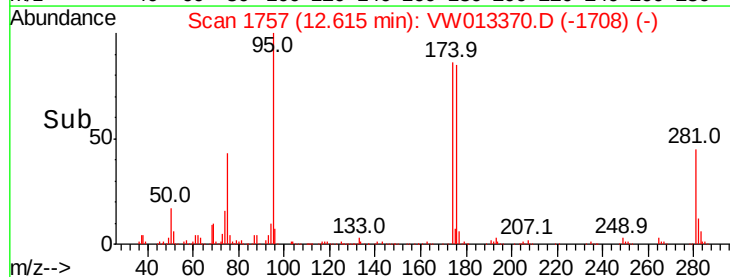
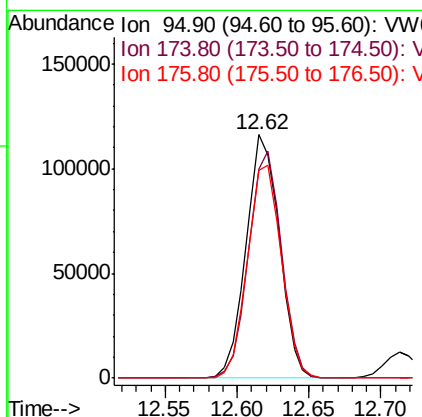
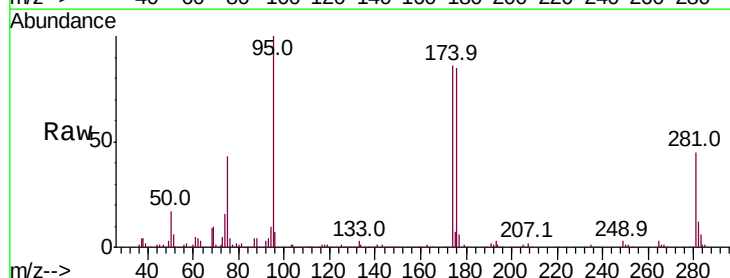
Instrument :
 MSVOA_W
 ClientSampleId :

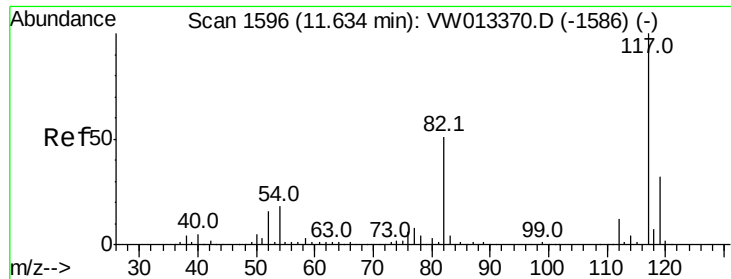
Tot Ion:107 Resp: 114267
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 46.760 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion: 95 Resp: 185065
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 184.6
 176 89.2 0.0 178.4

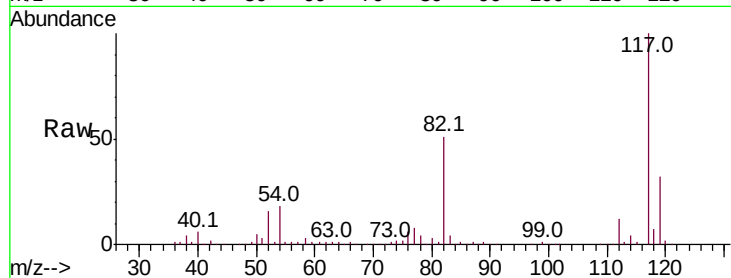




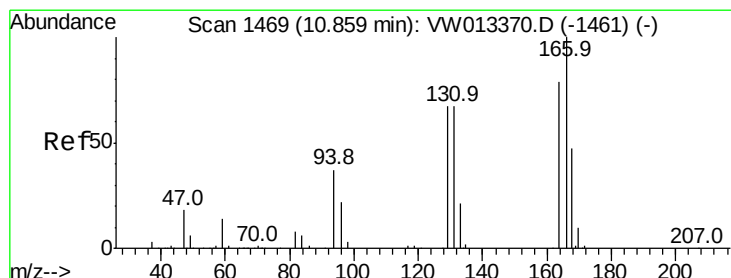
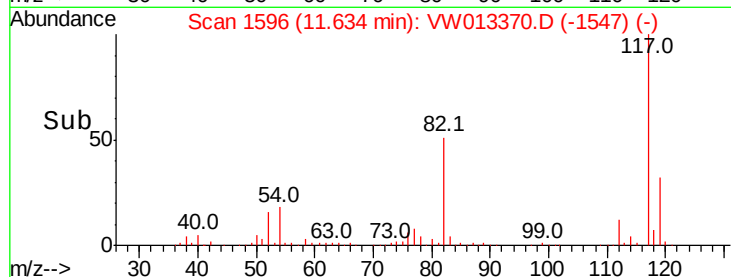
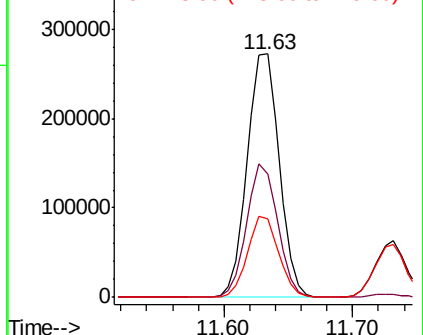
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 467437
Ion Ratio Lower Upper
117 100
82 50.6 40.5 60.7
119 32.4 25.9 38.9

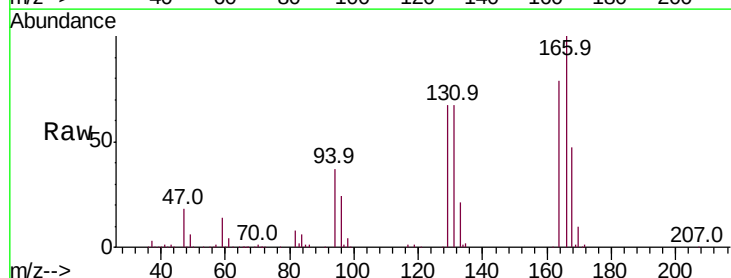


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

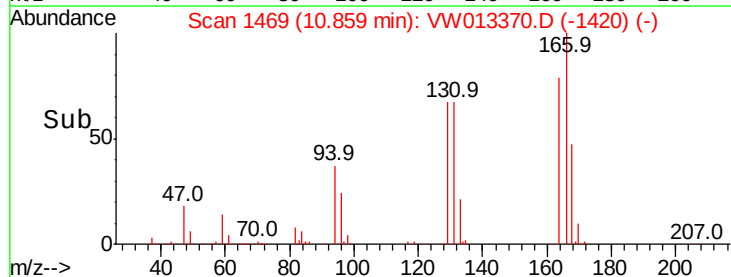
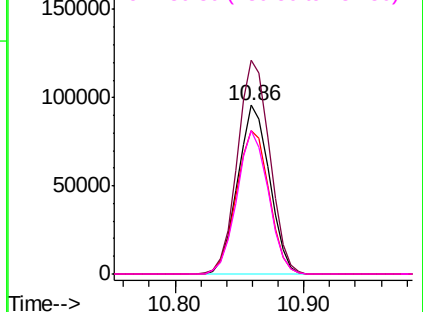


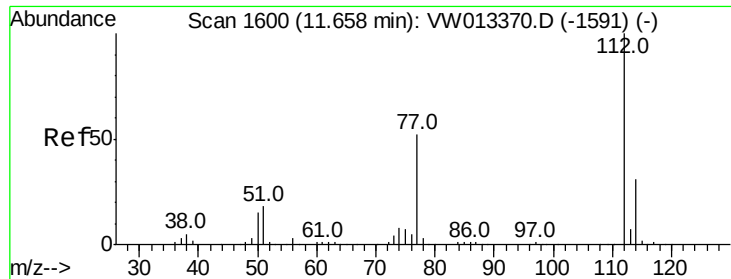
#64
Tetrachloroethene
Concen: 43.862 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion:164 Resp: 163832
Ion Ratio Lower Upper
164 100
166 126.8 101.4 152.2
129 85.0 68.0 102.0
131 84.8 67.8 101.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

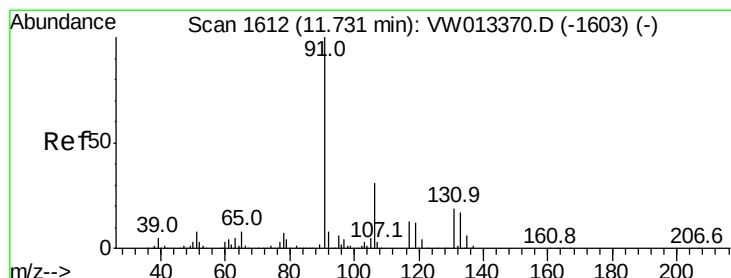
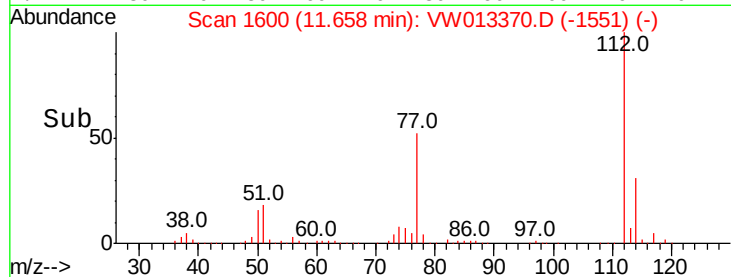
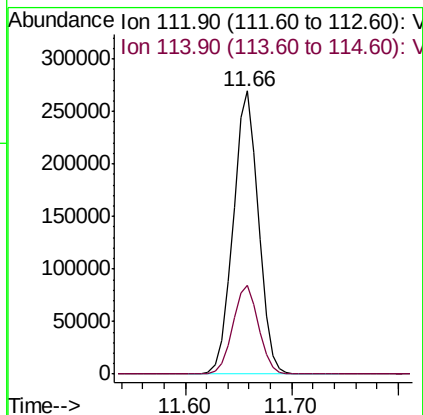
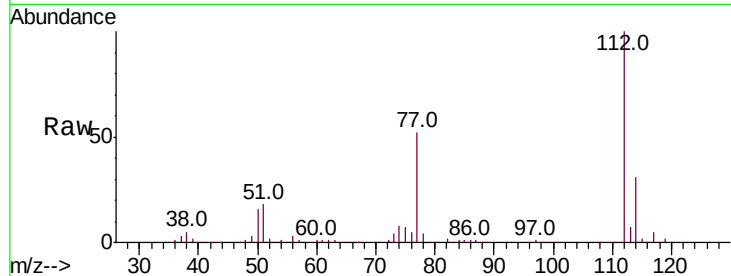




#65
Chlorobenzene
Concen: 44.622 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

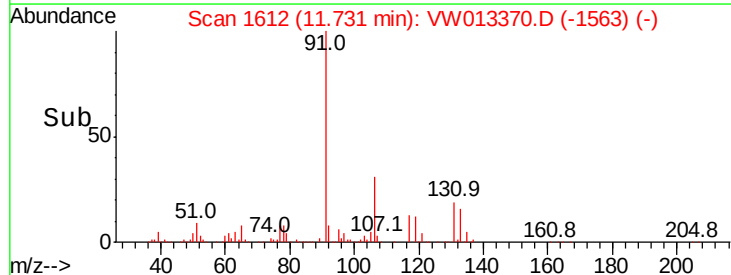
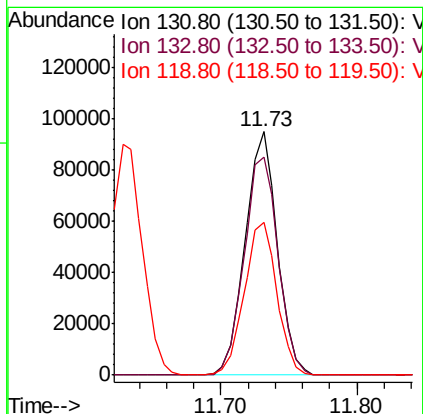
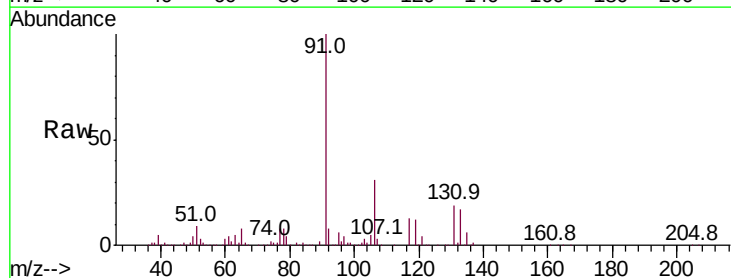
Instrument :
MSVOA_W
ClientSampleId :

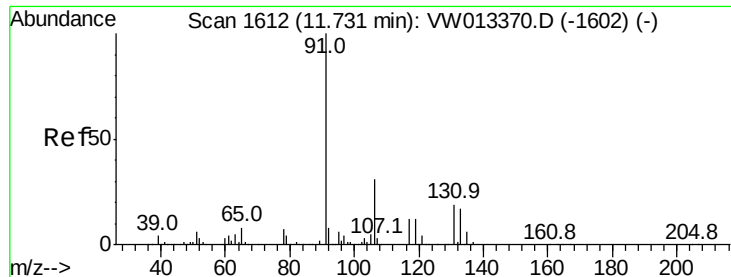
Tot Ion:112 Resp: 447001
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.046 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion:131 Resp: 156114
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 63.9 31.9 95.9

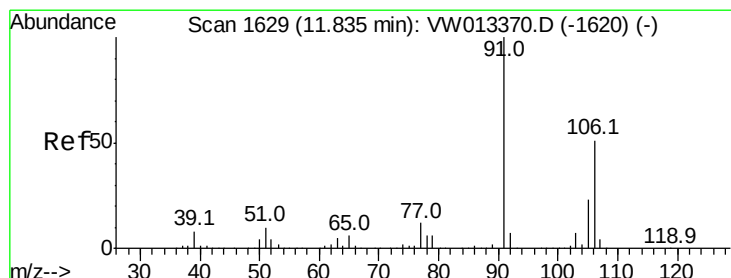
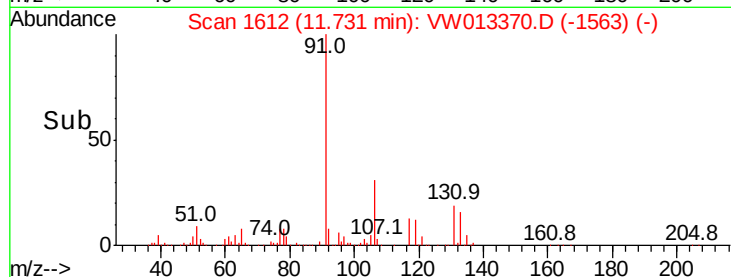
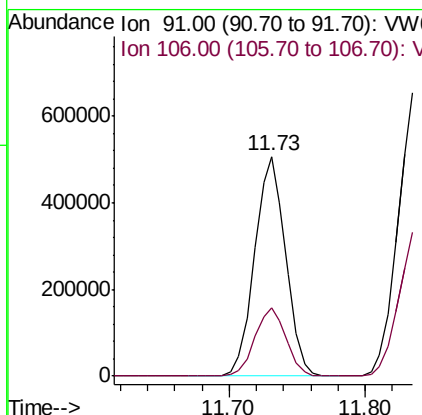
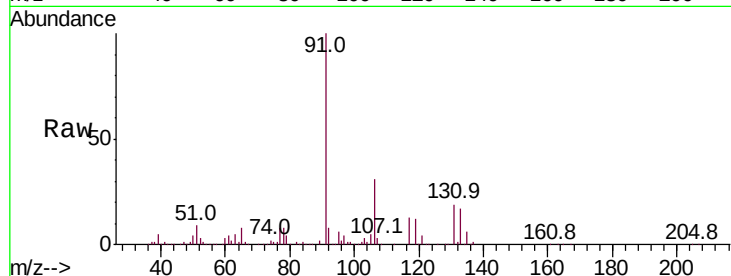




#67
Ethyl Benzene
Concen: 45.170 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

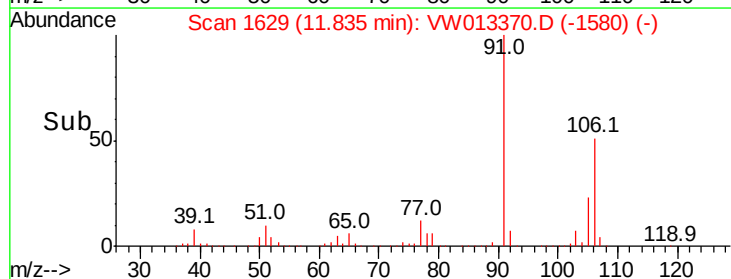
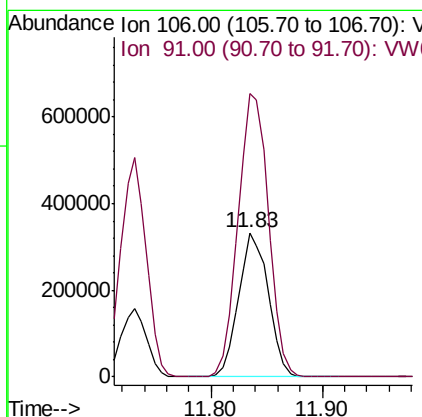
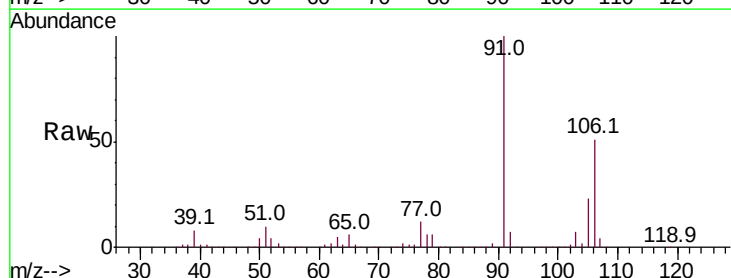
Instrument :
MSVOA_W
ClientSampleId :

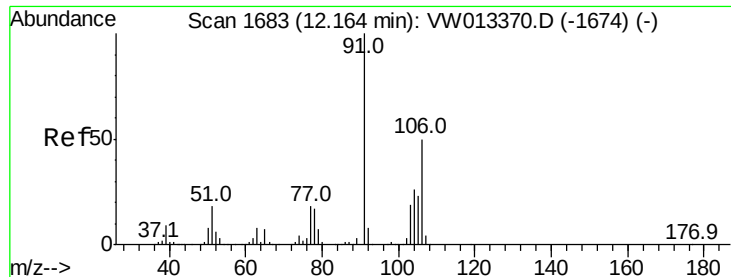
Tot Ion: 91 Resp: 808682
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 88.916 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 106 Resp: 616348
Ion Ratio Lower Upper
106 100
91 200.6 160.5 240.7

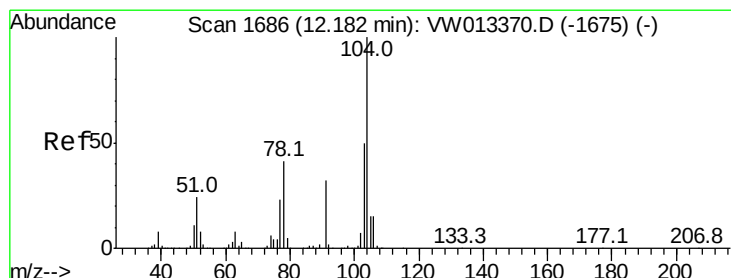
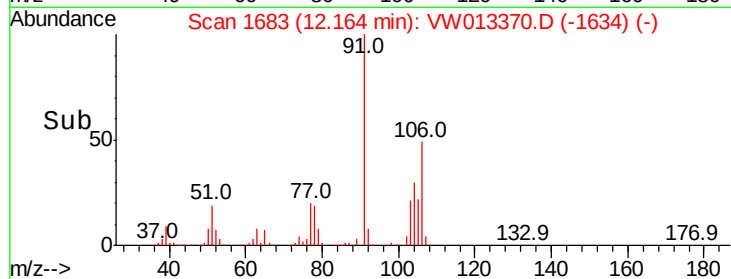
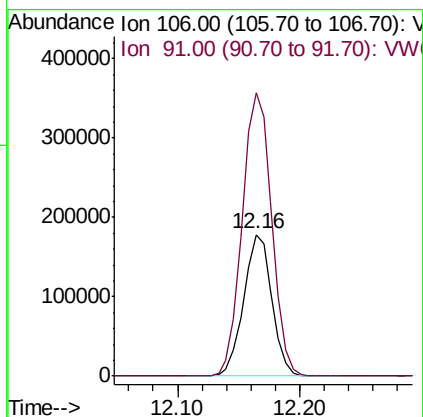
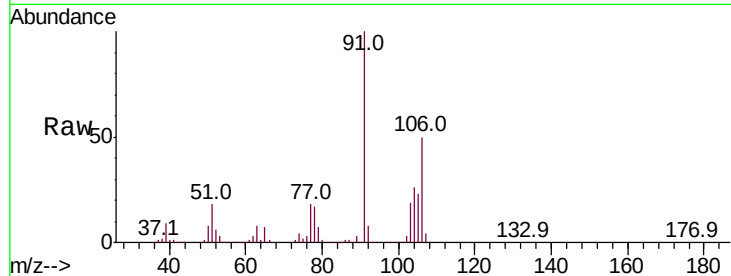




#69
o-Xylene
Concen: 45.209 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

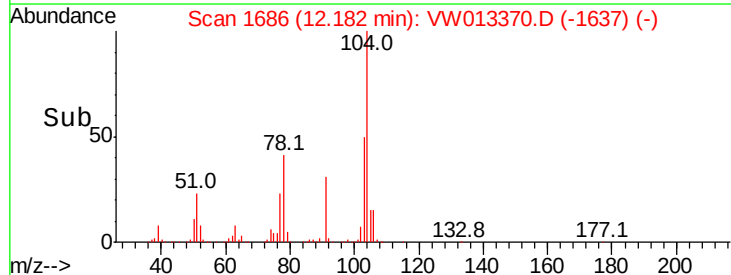
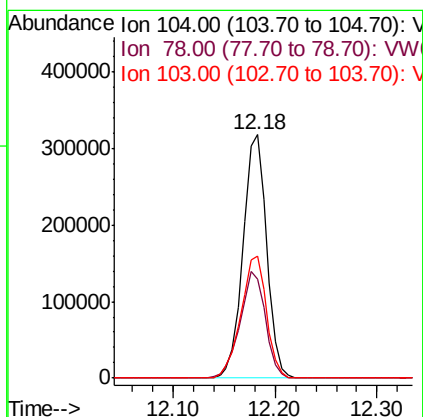
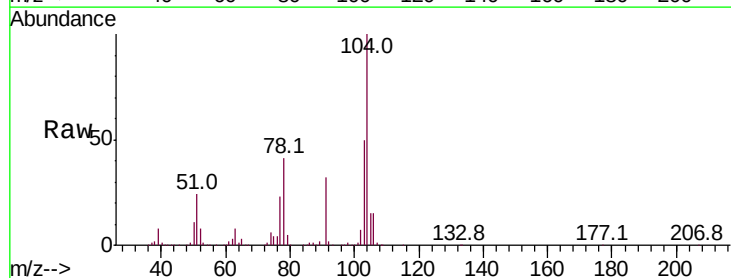
Instrument :
MSVOA_W
ClientSampled :

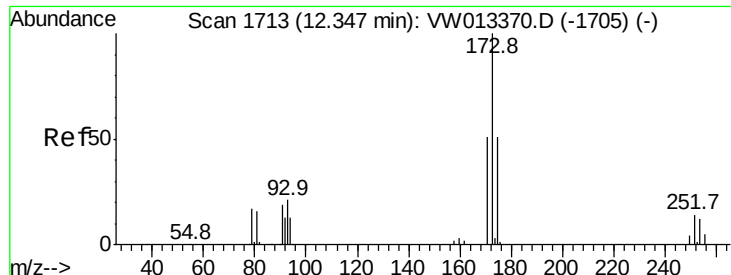
Tot Ion:106 Resp: 285516
Ion Ratio Lower Upper
106 100
91 208.7 104.4 313.1



#70
Styrene
Concen: 47.063 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion:104 Resp: 510417
Ion Ratio Lower Upper
104 100
78 46.8 37.4 56.2
103 54.0 43.2 64.8





#71

Bromoform

Concen: 46.093 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

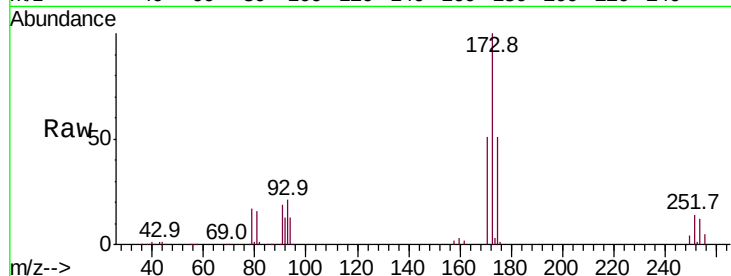
Tot Ion:173 Resp: 83225

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

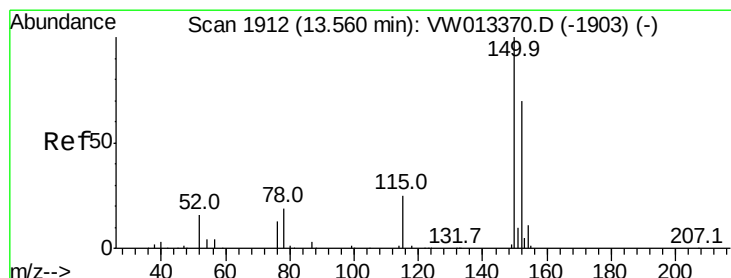
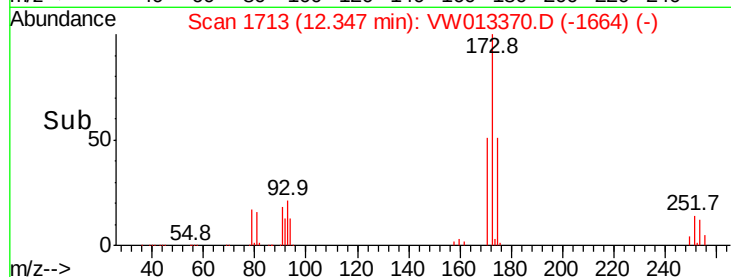
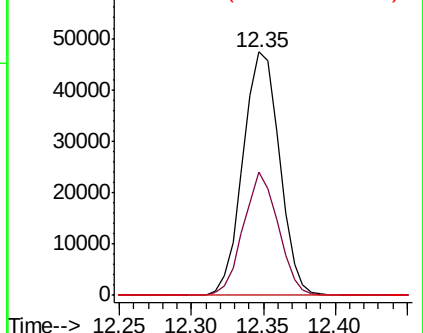
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

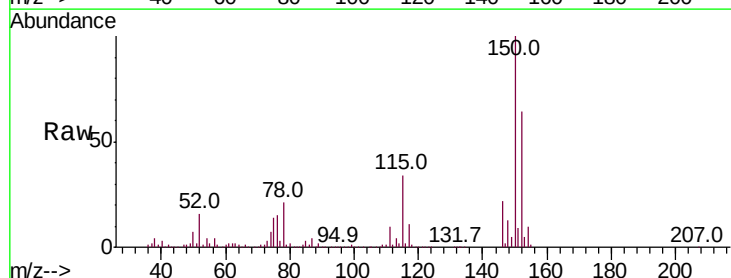
Tgt Ion:152 Resp: 236212

Ion Ratio Lower Upper

152 100

115 54.3 27.2 81.5

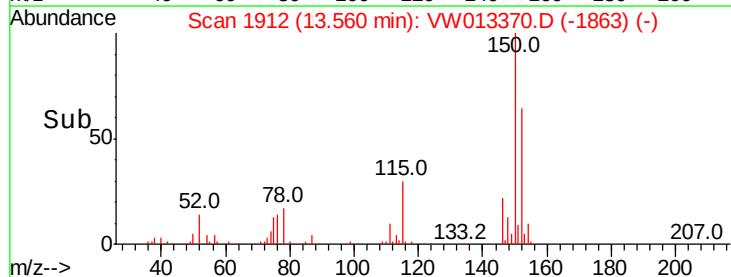
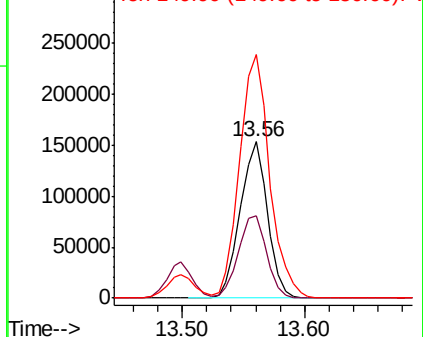
150 172.3 0.0 344.6

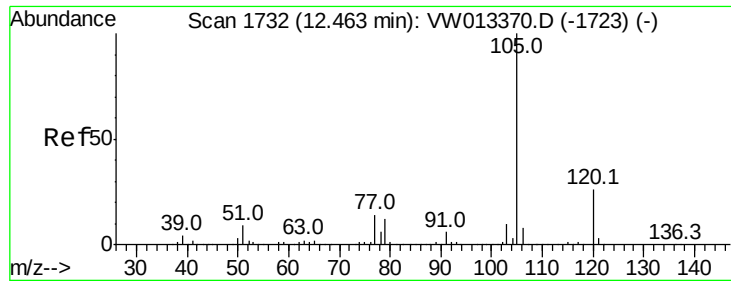


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.903 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

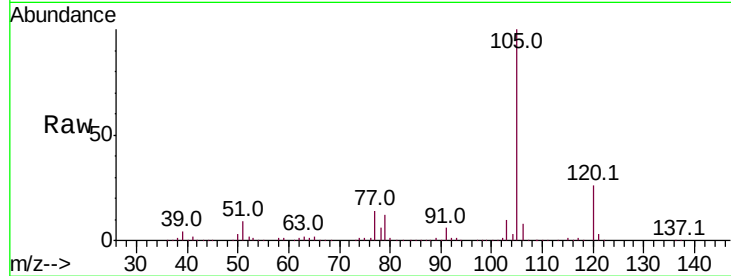
ClientSampleId :

Tot Ion:105 Resp: 798594

Ion Ratio Lower Upper

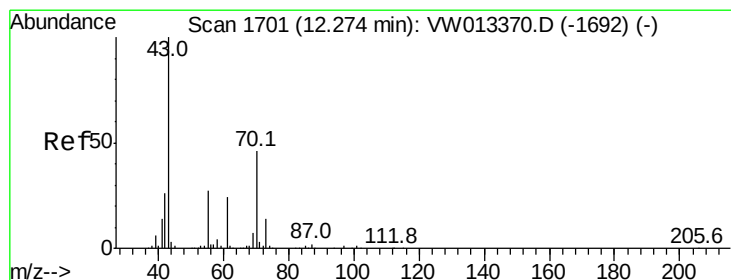
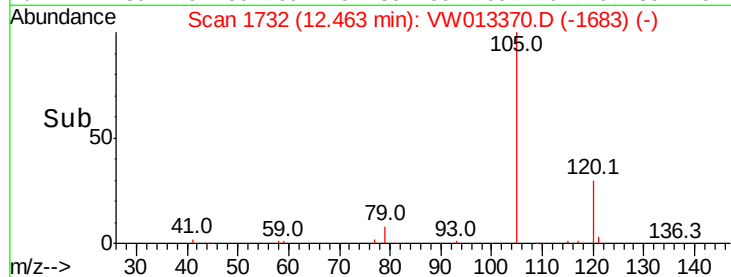
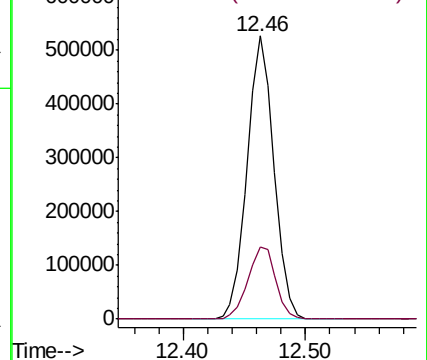
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.455 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Tgt Ion: 43 Resp: 166706

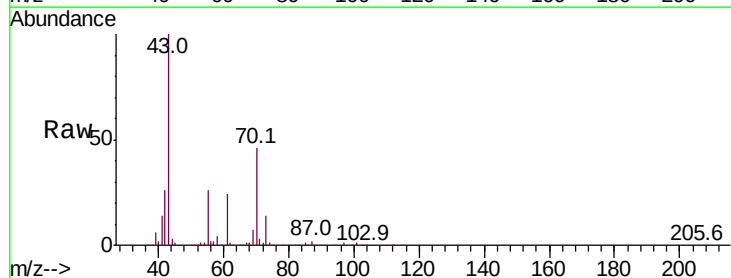
Ion Ratio Lower Upper

43 100

70 45.8 36.6 55.0

55 26.3 21.0 31.6

61 26.2 21.0 31.4

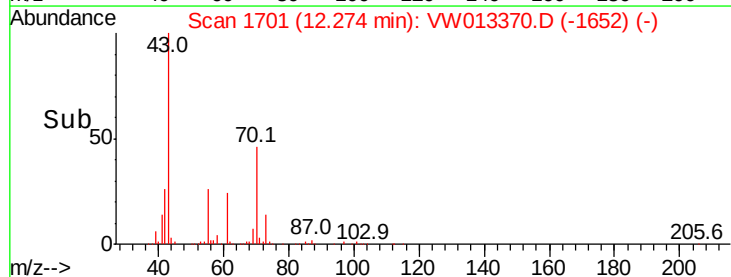
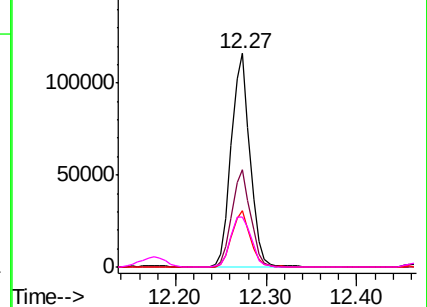


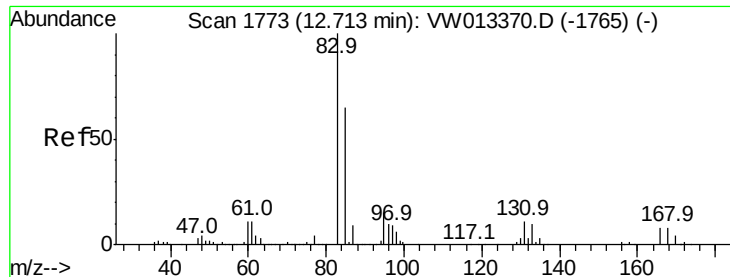
Abundance Ion 43.00 (42.70 to 43.70): VV

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: 41.306 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

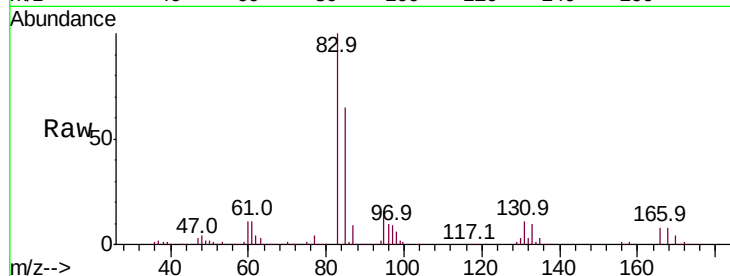
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 83 Resp: 126007

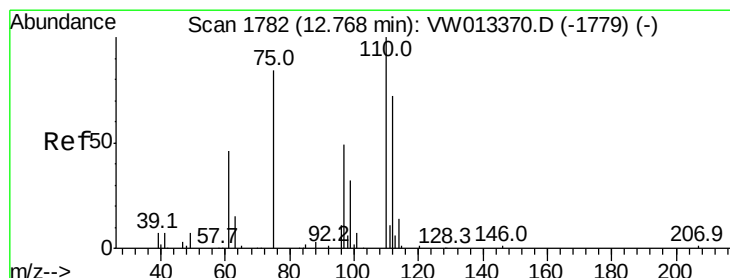
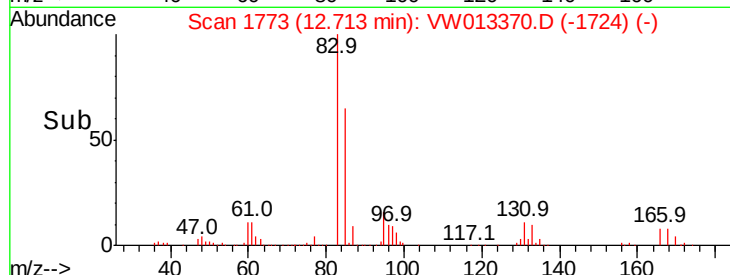
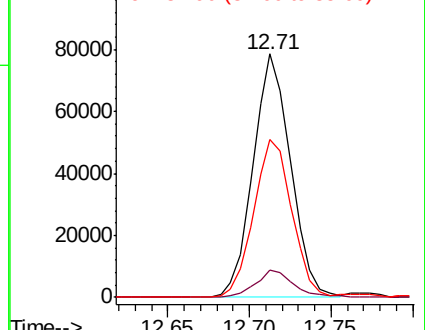
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.6	16.8
85	66.1	33.1	99.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 76.308 ug/l

RT: 12.77 min Scan# 1782

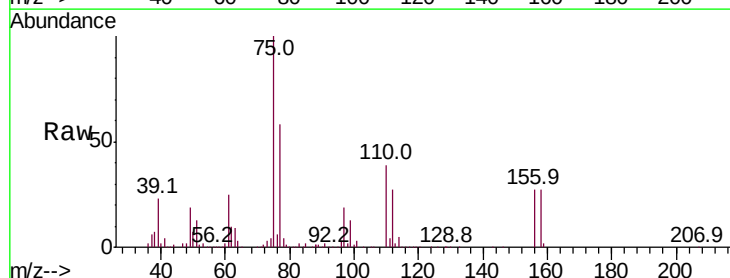
Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

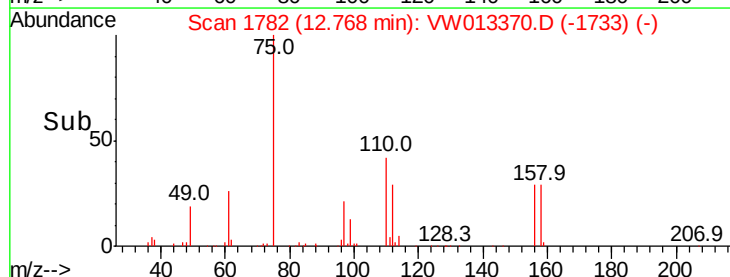
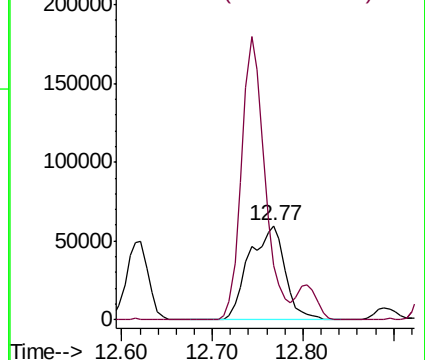
Tgt Ion: 75 Resp: 162998

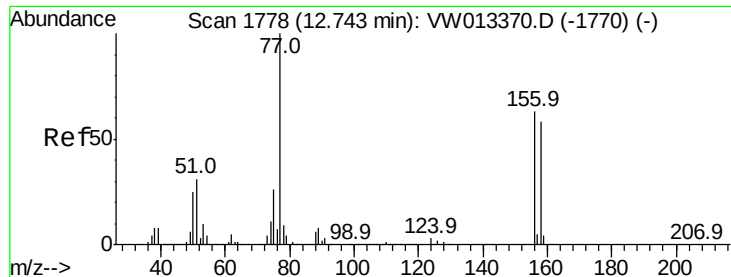
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 43.918 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

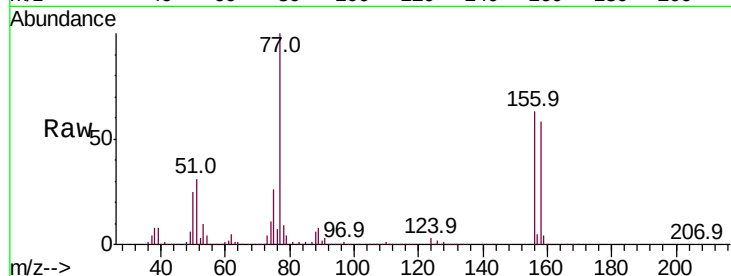
Tot Ion:156 Resp: 185914

Ion Ratio Lower Upper

156 100

77 173.4 86.7 260.1

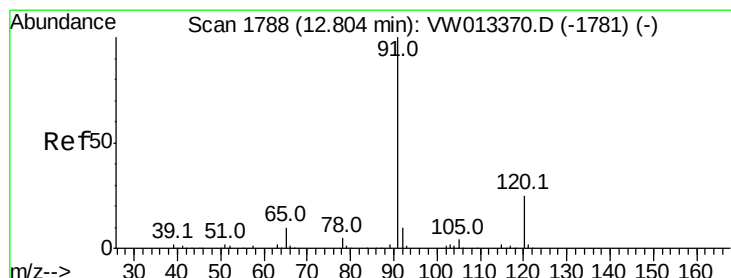
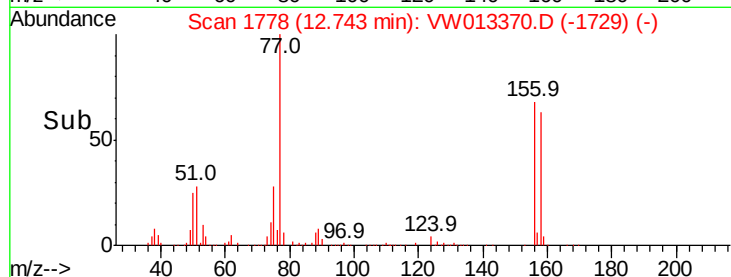
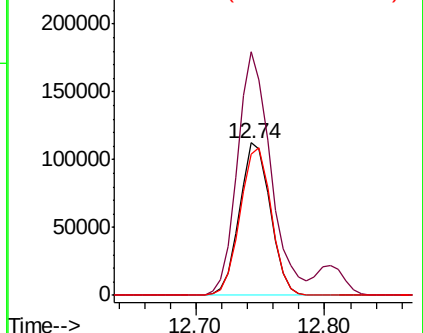
158 97.3 48.6 145.9



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: 44.256 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013370.D

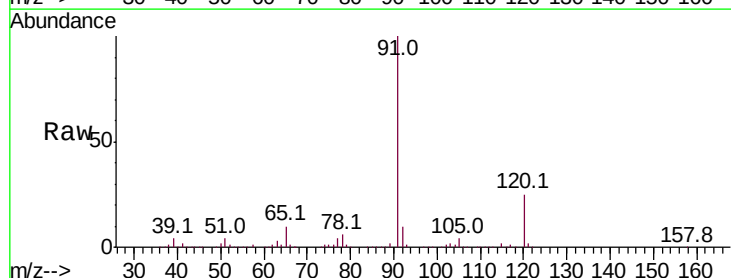
Acq: 01 Oct 2019 14:20

Tgt Ion: 91 Resp: 901511

Ion Ratio Lower Upper

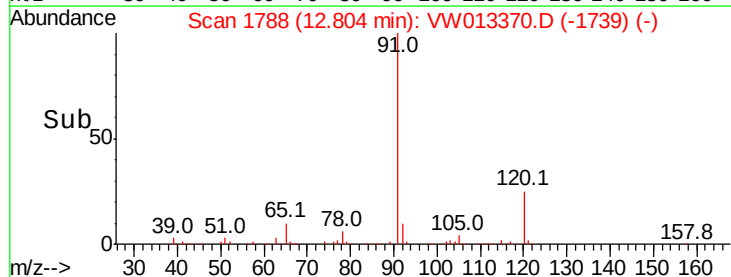
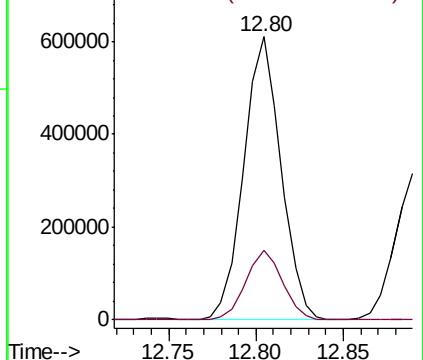
91 100

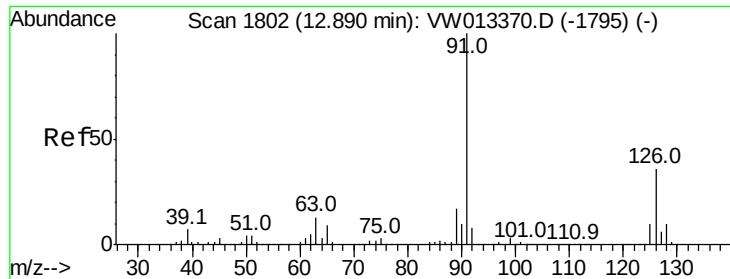
120 24.2 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.479 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

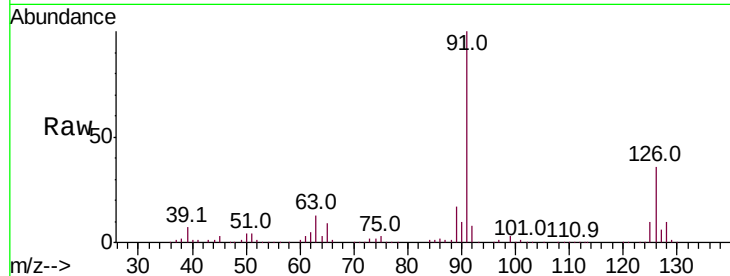
ClientSampleId :

Tot Ion: 91 Resp: 512085

Ion Ratio Lower Upper

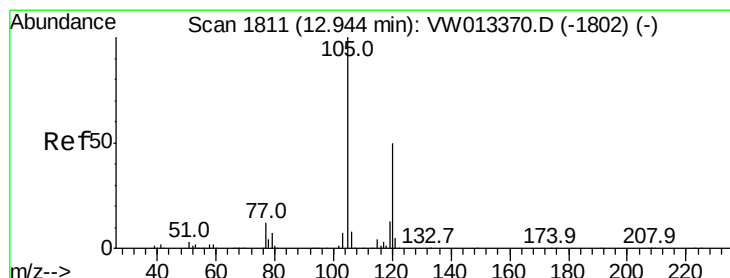
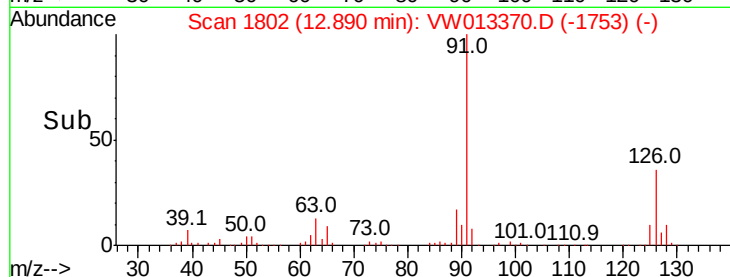
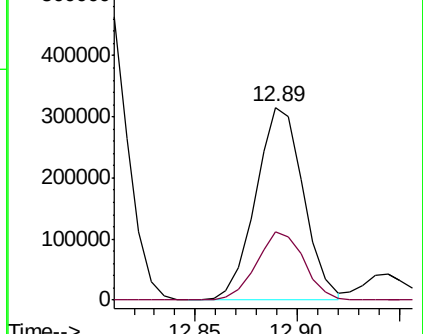
91 100

126 35.3 17.6 52.9



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: 45.109 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013370.D

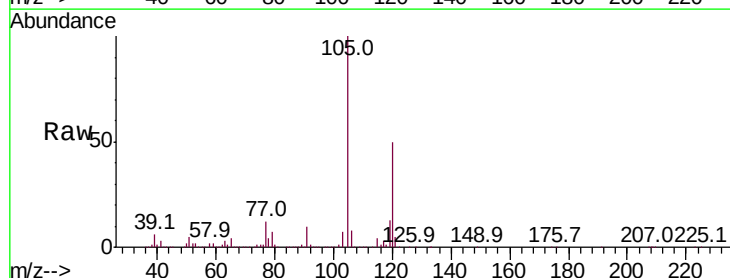
Acq: 01 Oct 2019 14:20

Tgt Ion:105 Resp: 675308

Ion Ratio Lower Upper

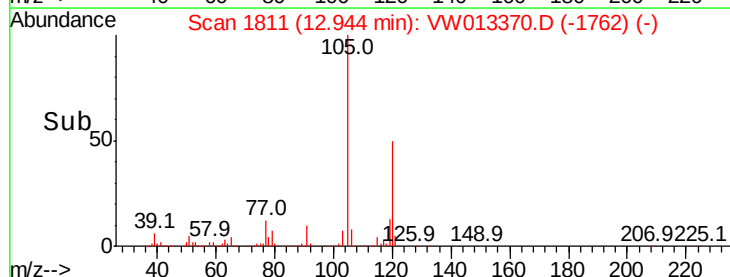
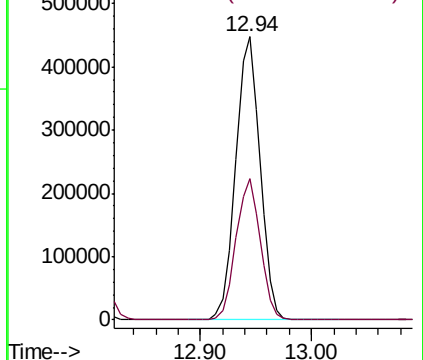
105 100

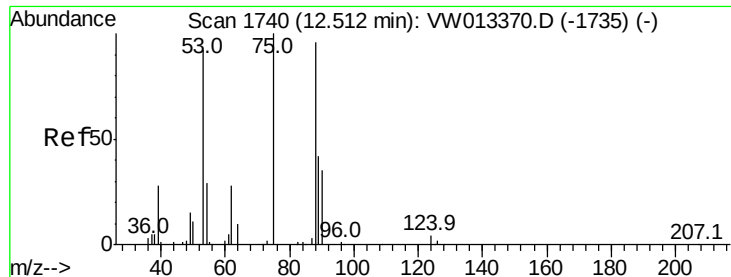
120 49.9 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 44.416 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

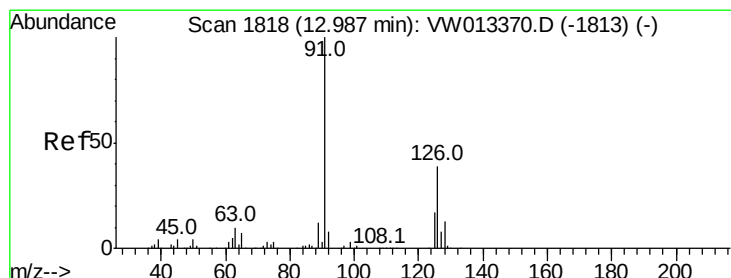
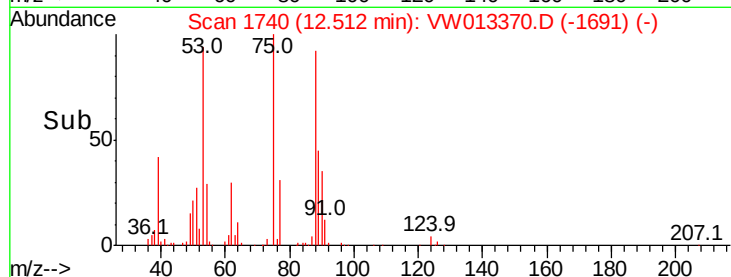
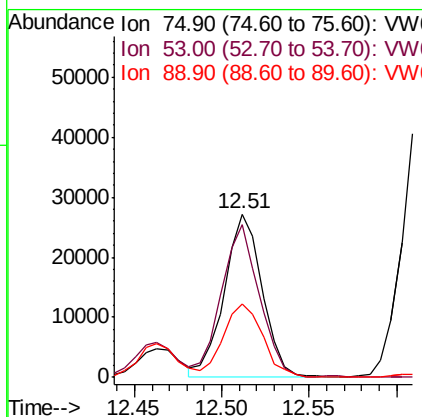
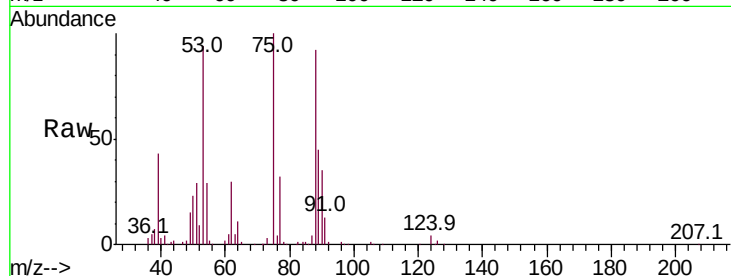
Tot Ion: 75 Resp: 40673

Ion Ratio Lower Upper

75 100

53 93.8 75.0 112.6

89 47.0 37.6 56.4



#82

4-Chlorotoluene

Concen: 44.082 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW013370.D

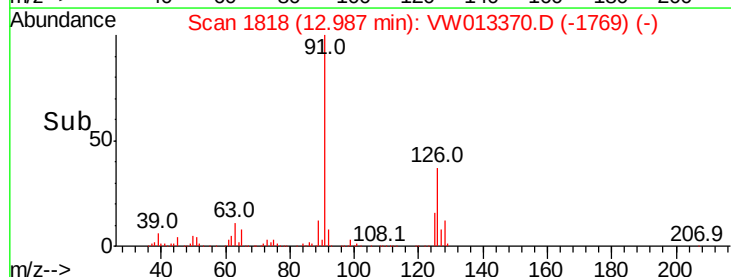
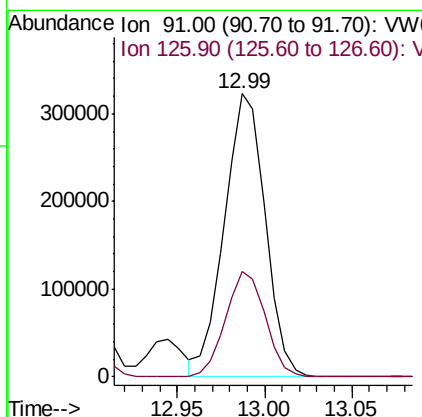
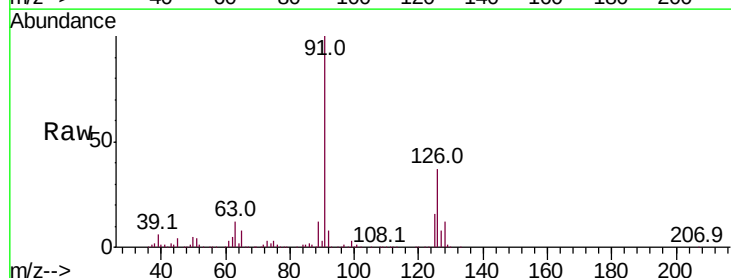
Acq: 01 Oct 2019 14:20

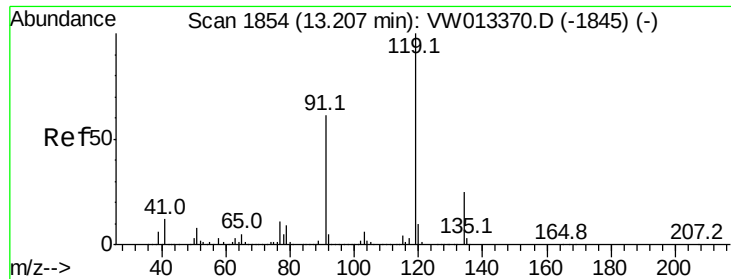
Tgt Ion: 91 Resp: 522807

Ion Ratio Lower Upper

91 100

126 36.3 18.1 54.4

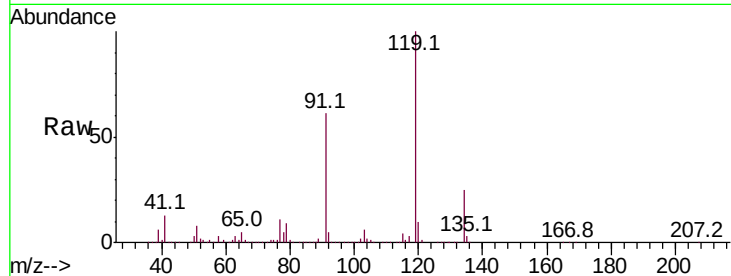




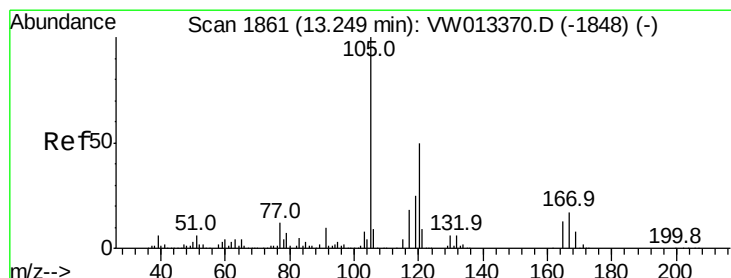
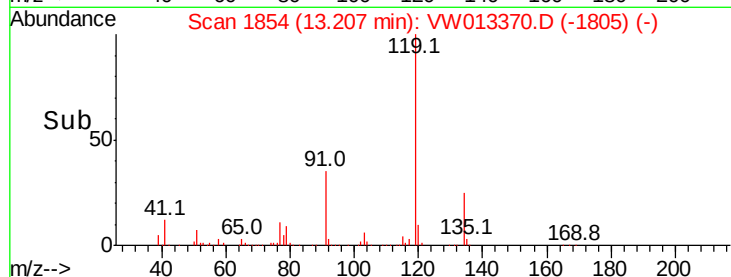
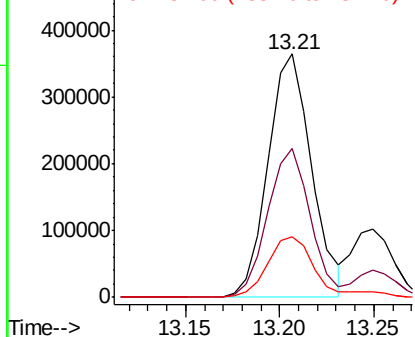
#83
tert-Butylbenzene
Concen: 44.390 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 584322
Ion Ratio Lower Upper
119 100
91 59.8 29.9 89.7
134 27.7 13.9 41.6

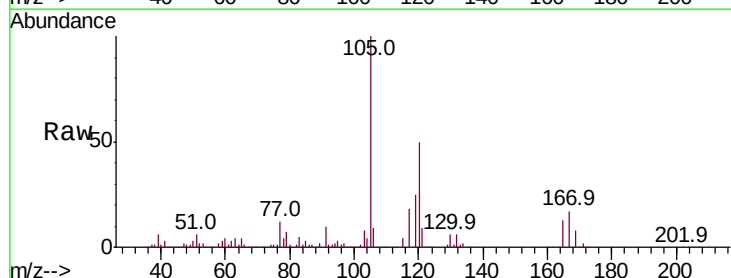


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

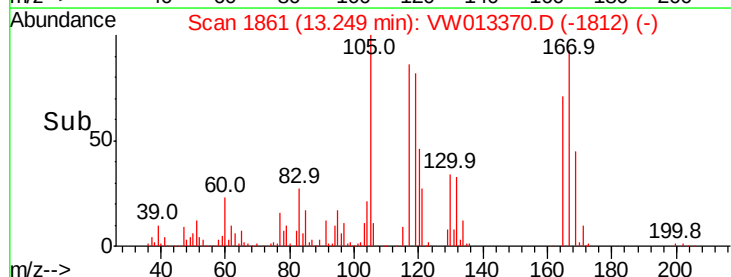
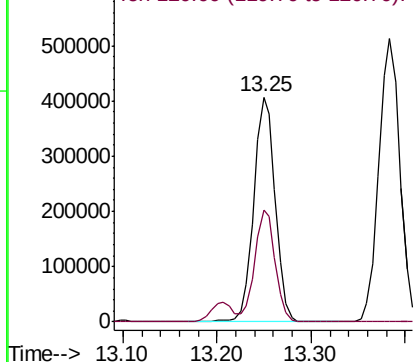


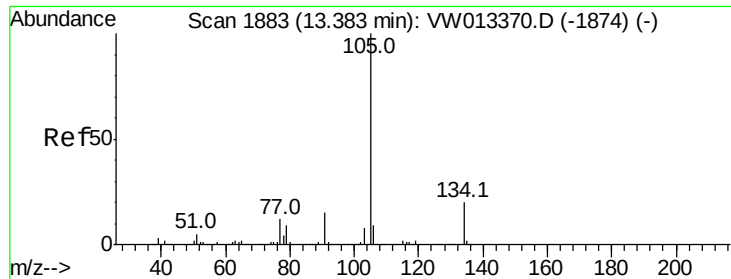
#84
1,2,4-Trimethylbenzene
Concen: 43.996 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion:105 Resp: 653105
Ion Ratio Lower Upper
105 100
120 47.2 23.6 70.8



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

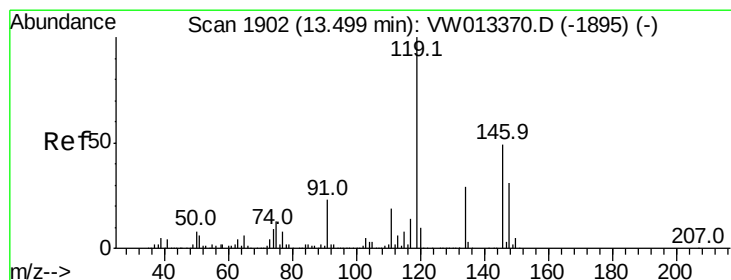
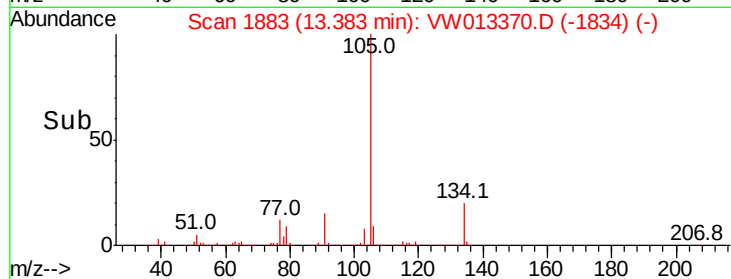
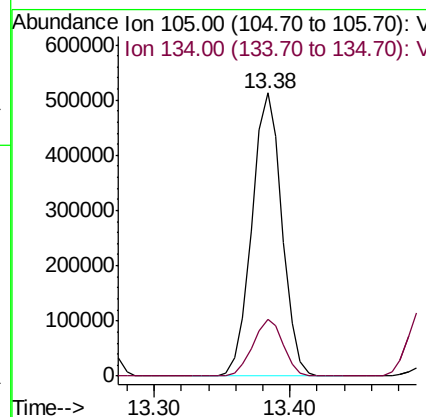
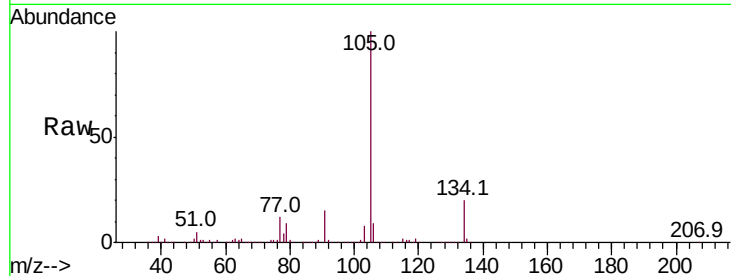




#85
 sec-Butylbenzene
 Concen: 43.754 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

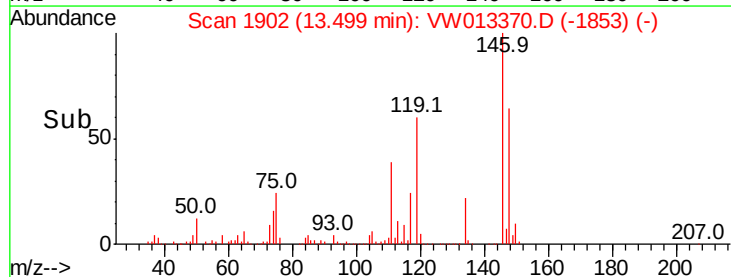
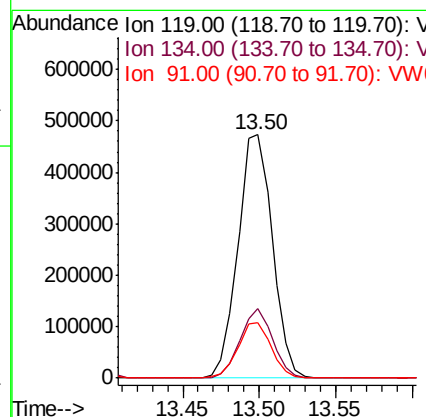
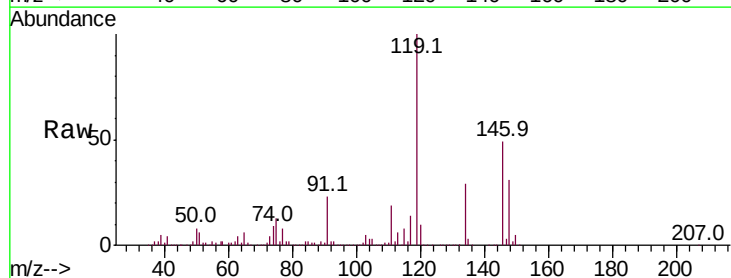
Instrument :
 MSVOA_W
 ClientSampled :

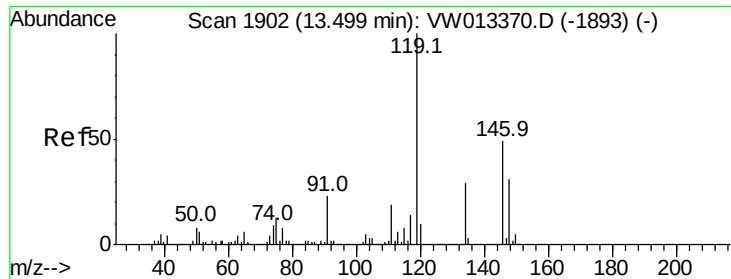
Tot Ion:105 Resp: 794672
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 43.796 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion:119 Resp: 737655
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 22.1 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 44.224 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

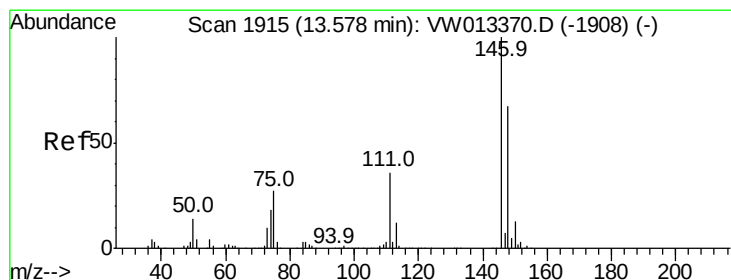
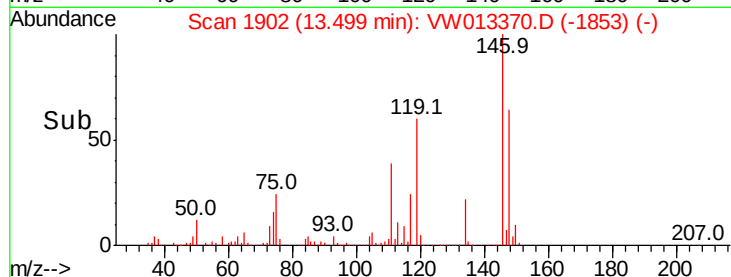
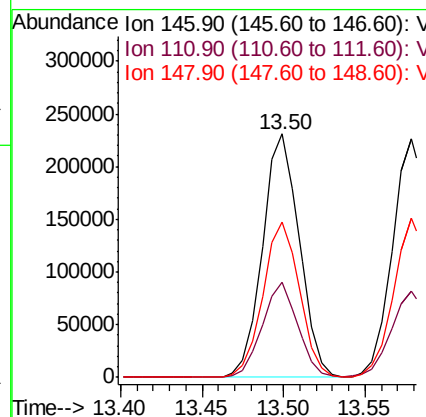
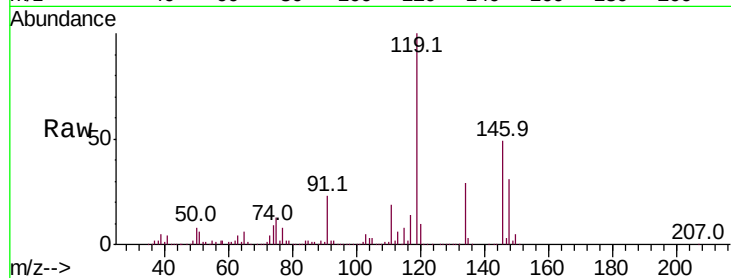
Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:146 Resp: 362415

Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	63.5	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 44.030 ug/l

RT: 13.58 min Scan# 1915

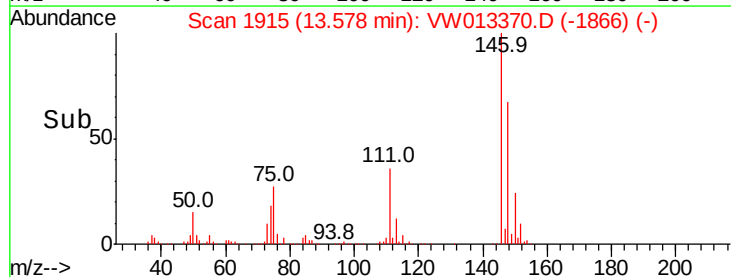
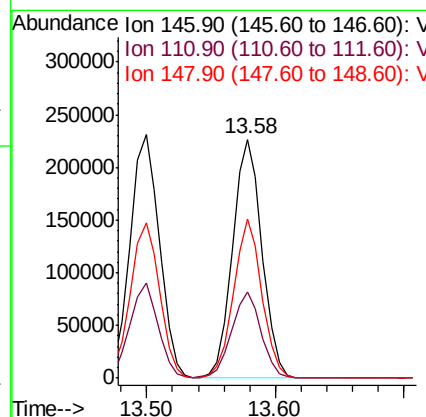
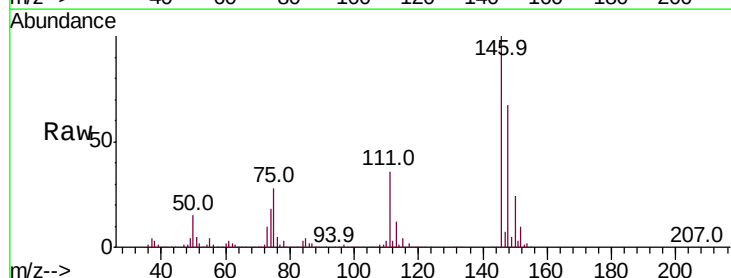
Delta R.T. 0.00 min

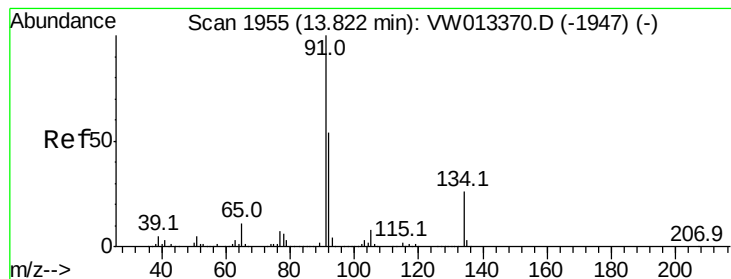
Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Tgt Ion:146 Resp: 358872

Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.2	54.6
148	64.7	32.4	97.0





#89

n-Butylbenzene

Concen: 44.904 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampled :

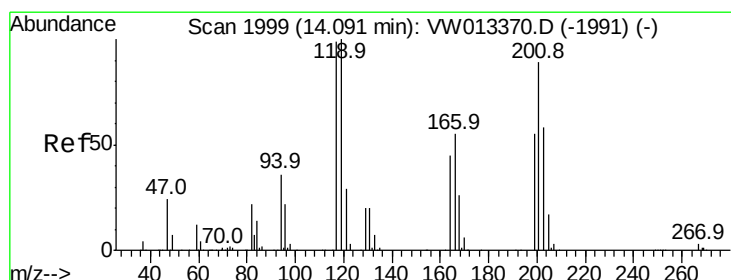
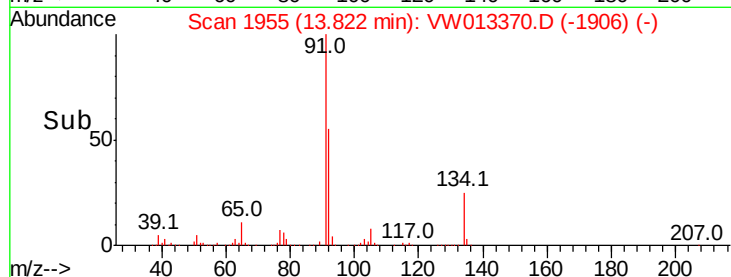
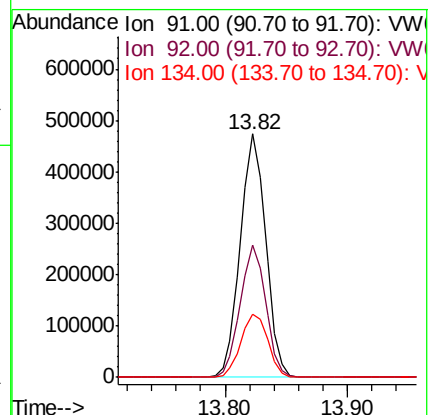
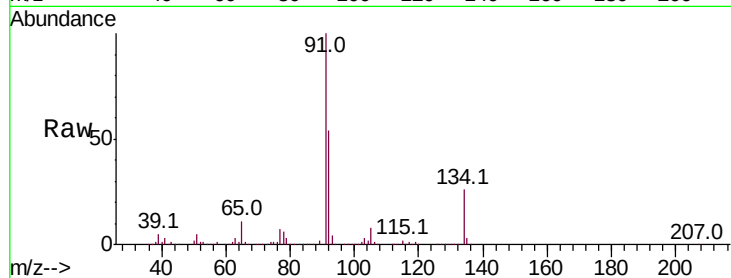
Tot Ion: 91 Resp: 682301

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.8

134 27.6 13.8 41.4



#90

Hexachloroethane

Concen: 45.452 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW013370.D

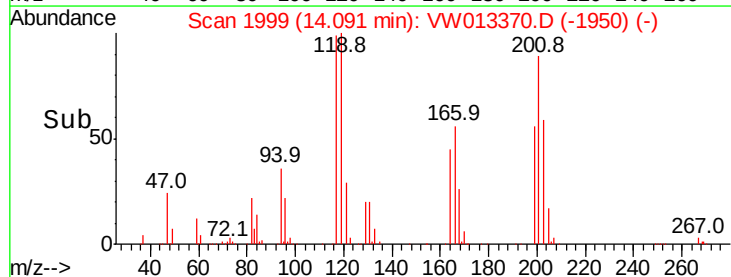
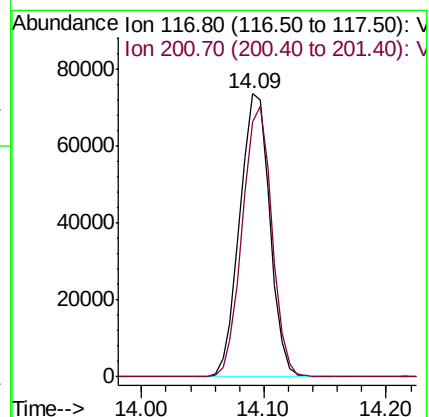
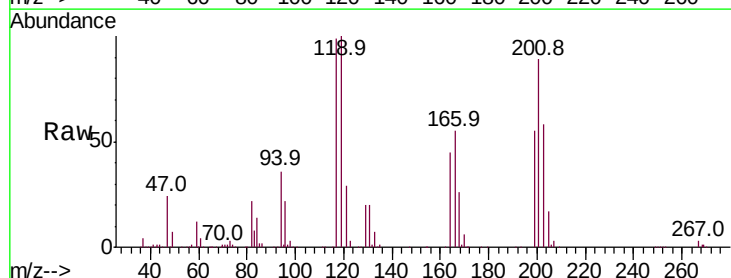
Acq: 01 Oct 2019 14:20

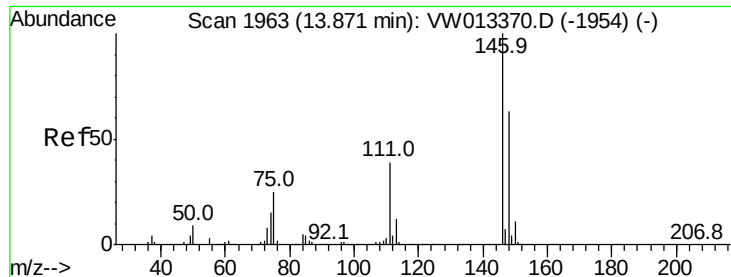
Tgt Ion: 117 Resp: 125179

Ion Ratio Lower Upper

117 100

201 93.7 46.9 140.6

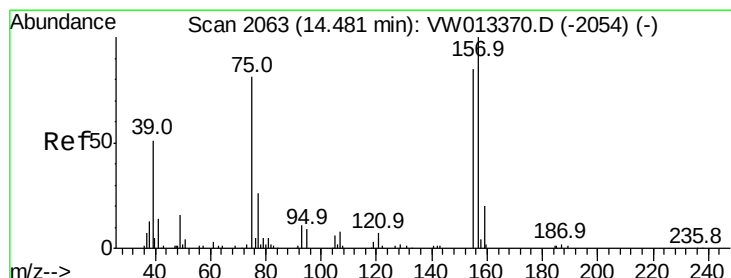
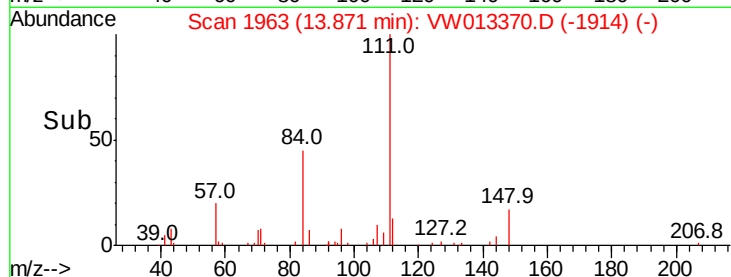
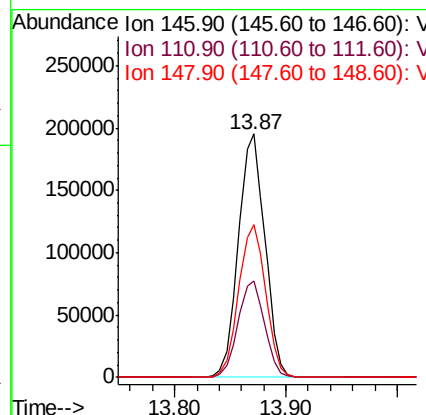
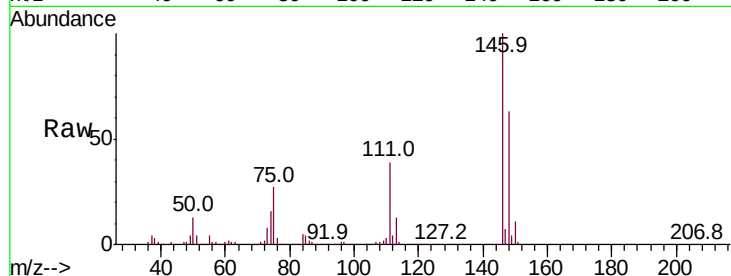




#91
 1,2-Dichlorobenzene
 Concen: 44.649 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

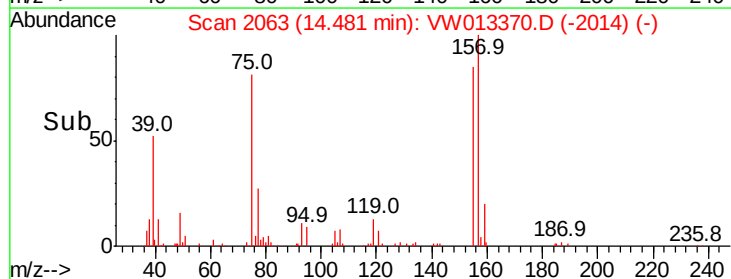
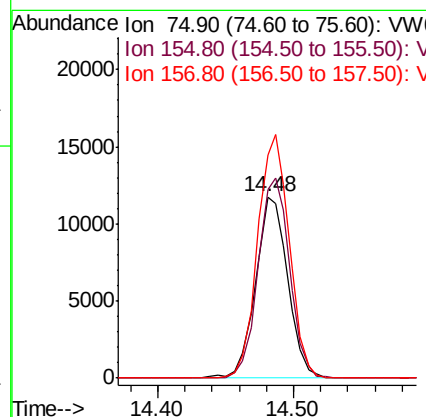
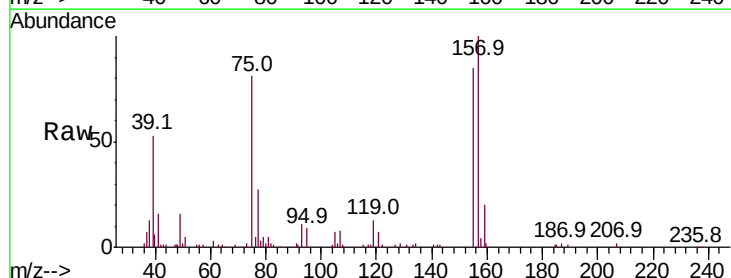
Instrument :
 MSVOA_W
 ClientSampled :

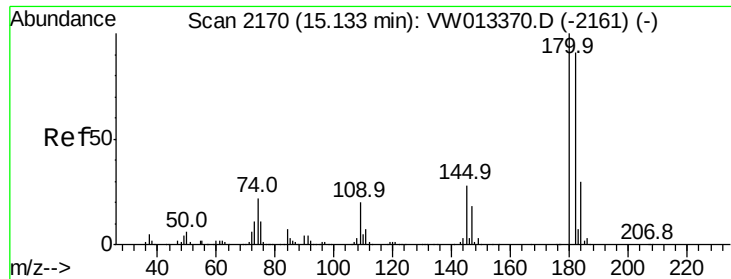
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.3
148	63.6	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.402 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.8	54.4	163.2
157	132.2	66.1	198.3

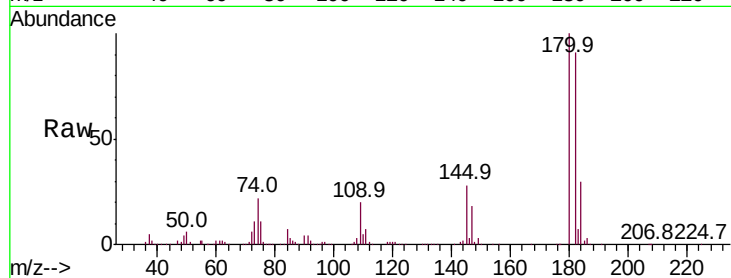




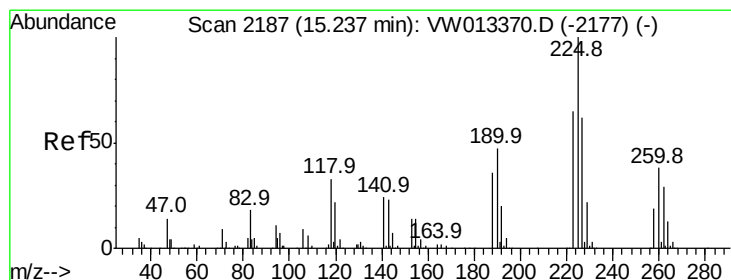
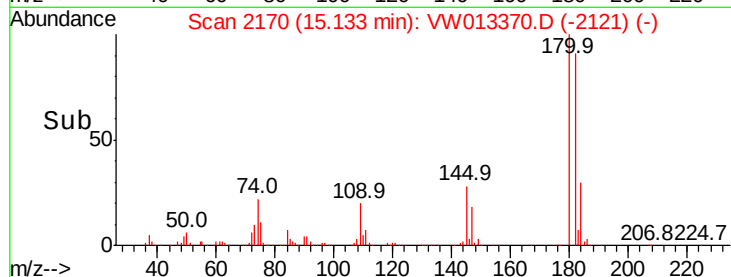
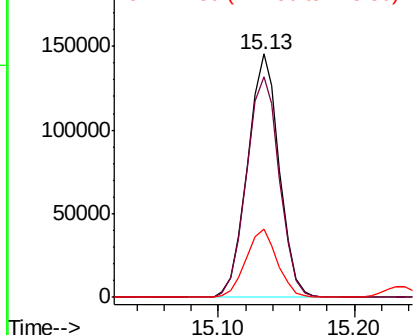
#93
1,2,4-Trichlorobenzene
Concen: 47.235 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.9	140.7
145	27.8	13.9	41.7

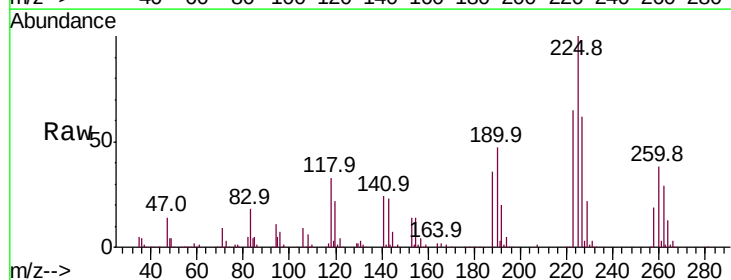


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

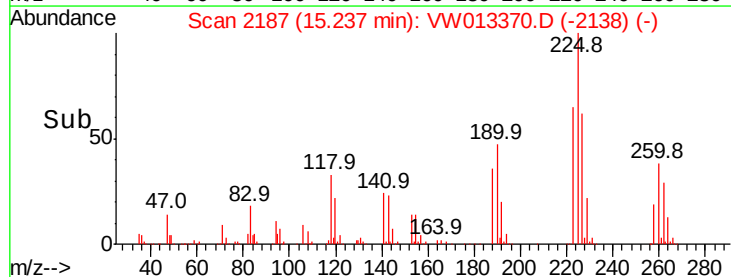
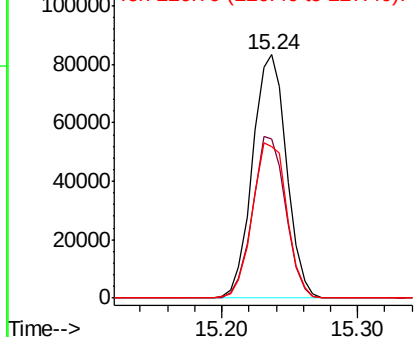


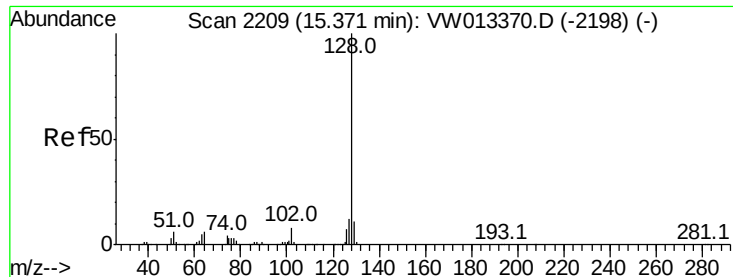
#94
Hexachlorobutadiene
Concen: 43.203 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	32.2	96.6
227	64.6	32.3	96.9



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

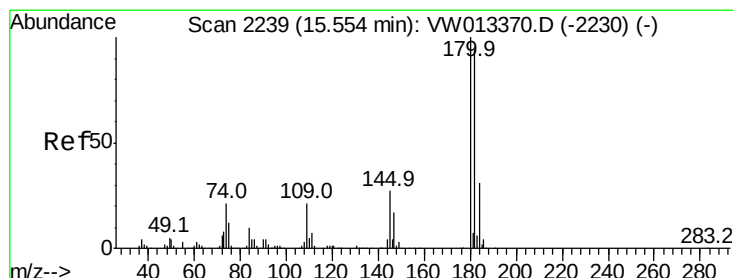
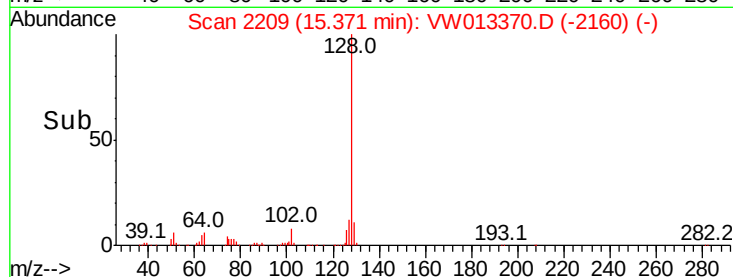
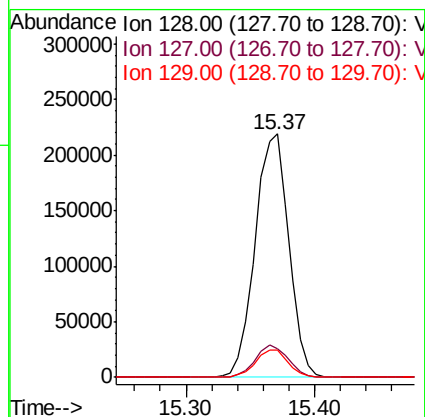
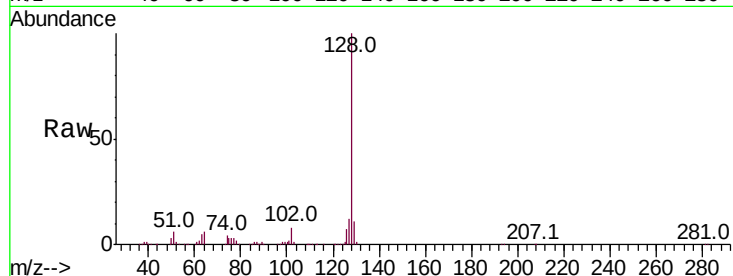




#95
Naphthalene
Concen: 47.701 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 393999
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.569 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion:180 Resp: 200388
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 29.8 14.9 44.7

