

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100219\
 Data File : VW013375.D
 Acq On : 02 Oct 2019 12:55
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 02 16:09:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	372601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	532617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	455436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	232172	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	142143	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
35) Dibromofluoromethane	7.88	113	148203	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
50) Toluene-d8	10.32	98	619881	53.45	ug/l	0.00
Spiked Amount			Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	211122	54.51	ug/l	0.00
Spiked Amount			Recovery	=	109.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	75387	52.310	ug/l	88
3) Chloromethane	2.21	50	107780	45.320	ug/l	100
4) Vinyl Chloride	2.36	62	163749	48.516	ug/l	99
5) Bromomethane	2.77	94	103355	49.843	ug/l	92
6) Chloroethane	2.92	64	91392	46.894	ug/l	98
7) Trichlorofluoromethane	3.25	101	73287	50.050	ug/l	98
8) Diethyl Ether	3.68	74	79189	46.724	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	157691	48.575	ug/l	98
10) Methyl Iodide	4.27	142	255750	48.782	ug/l	99
11) Tert butyl alcohol	5.17	59	51343	222.062	ug/l	97
12) 1,1-Dichloroethene	4.04	96	168226	49.046	ug/l	98
13) Acrolein	3.89	56	62377	222.949	ug/l	99
14) Allyl chloride	4.67	41	252655	49.794	ug/l	98
15) Acrylonitrile	5.36	53	168855	220.394	ug/l	99
16) Acetone	4.12	43	175251	205.508	ug/l	97
17) Carbon Disulfide	4.38	76	482215	50.395	ug/l	97
18) Methyl Acetate	4.67	43	80121	40.142	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	234582	46.468	ug/l	100
20) Methylene Chloride	4.91	84	172551	48.412	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	176244	48.250	ug/l	99
22) Diisopropyl ether	6.31	45	478889	48.872	ug/l	98
23) Vinyl Acetate	6.25	43	1415694	240.774	ug/l	98
24) 1,1-Dichloroethane	6.21	63	293604	49.193	ug/l	99
25) 2-Butanone	7.17	43	231852	212.478	ug/l	92
26) 2,2-Dichloropropane	7.16	77	176624	51.188	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	186294	48.725	ug/l	98
28) Bromochloromethane	7.51	49	117864	54.619	ug/l	93
29) Tetrahydrofuran	7.52	42	138168	218.951	ug/l	99
30) Chloroform	7.67	83	278785	47.637	ug/l	100
31) Cyclohexane	7.95	56	295302	46.395	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	225249	49.128	ug/l	99
36) 1,1-Dichloropropene	8.08	75	242894	49.099	ug/l	99
37) Ethyl Acetate	7.25	43	96710	44.312	ug/l	97
38) Carbon Tetrachloride	8.07	117	217659	50.792	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	322795	49.546	ug/l	97
40) Benzene	8.32	78	684544	48.882	ug/l	100
41) Methacrylonitrile	7.48	41	67296	51.121	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	171828	47.740	ug/l	99
43) Isopropyl Acetate	8.42	43	186615	45.414	ug/l	99
44) Trichloroethene	9.09	130	195650	49.613	ug/l	93
45) 1,2-Dichloropropane	9.37	63	163109	48.511	ug/l	99
46) Dibromomethane	9.46	93	78355	46.787	ug/l	96
47) Bromodichloromethane	9.64	83	204603	49.628	ug/l	99
48) Methyl methacrylate	9.43	41	93456	47.333	ug/l	94
49) 1,4-Dioxane	9.45	88	24205	935.881	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	470879	218.104	ug/l	99
52) Toluene	10.38	92	442228	48.960	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	210047	48.981	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	257199	49.468	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	117953	47.213	ug/l	97
56) Ethyl methacrylate	10.64	69	157068	46.709	ug/l	98
57) 1,3-Dichloropropane	10.93	76	205516	47.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	341321	247.096	ug/l	99
59) 2-Hexanone	10.97	43	333894	223.126	ug/l	99
60) Dibromochloromethane	11.13	129	141430	49.484	ug/l	99
61) 1,2-Dibromoethane	11.23	107	113237	46.906	ug/l	99
64) Tetrachloroethene	10.86	164	165666	47.812	ug/l	96
65) Chlorobenzene	11.66	112	456050	48.877	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	160532	50.515	ug/l	100
67) Ethyl Benzene	11.73	91	839408	50.196	ug/l	98
68) m/p-Xylenes	11.84	106	642985	99.615	ug/l	100
69) o-Xylene	12.16	106	301714	50.556	ug/l	97
70) Styrene	12.18	104	515596	50.540	ug/l	99
71) Bromoform	12.35	173	84367	48.966	ug/l #	99
73) Isopropylbenzene	12.46	105	829364	48.835	ug/l	99
74) N-amyl acetate	12.27	43	169477	46.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	130132	45.272	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	167191	81.024	ug/l #	100
77) Bromobenzene	12.74	156	195146	47.855	ug/l	99
78) n-propylbenzene	12.80	91	977044	50.015	ug/l	99
79) 2-Chlorotoluene	12.89	91	540143	49.781	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	699520	49.585	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	44491	46.199	ug/l	96
82) 4-Chlorotoluene	12.99	91	563848	49.608	ug/l	100
83) tert-Butylbenzene	13.21	119	619949	50.311	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	695666	49.604	ug/l	98
85) sec-Butylbenzene	13.38	105	854897	50.320	ug/l	100
86) p-Isopropyltoluene	13.50	119	796471	50.586	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	380397	49.583	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	373470	48.618	ug/l	99
89) n-Butylbenzene	13.82	91	727454	51.247	ug/l	99
90) Hexachloroethane	14.09	117	134246	51.608	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	330007	48.659	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18995	44.179	ug/l	90

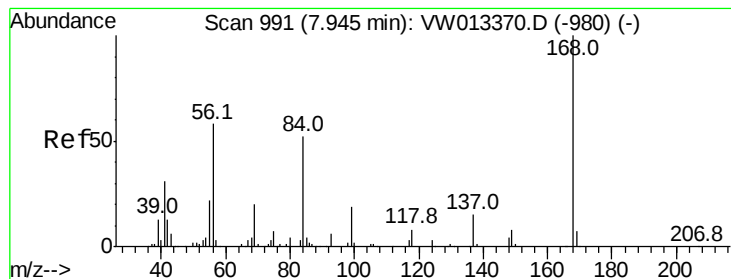
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	242925	49.911	ug/l	99
94) Hexachlorobutadiene	15.24	225	159813	50.546	ug/l	98
95) Naphthalene	15.36	128	400465	48.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	210675	49.576	ug/l	99

(#) = 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: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

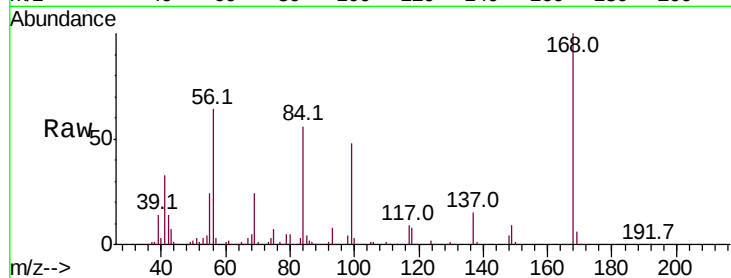
VSTDCCC050

Tot Ion:168 Resp: 372601

Ion Ratio Lower Upper

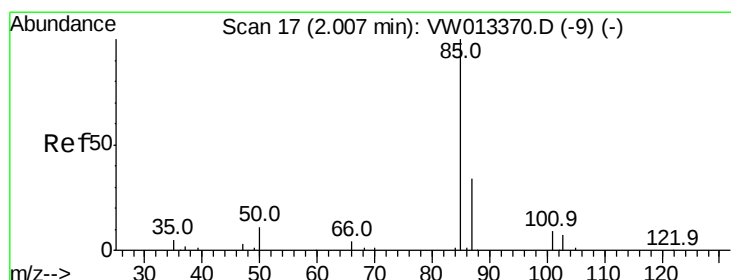
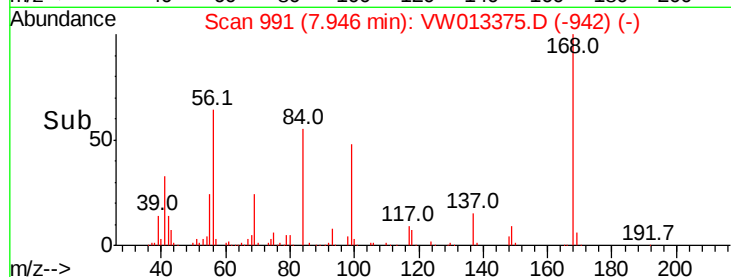
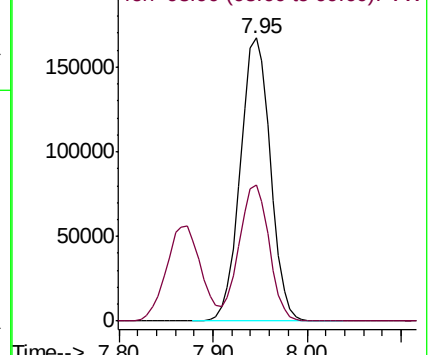
168 100

99 48.3 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 52.310 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013375.D

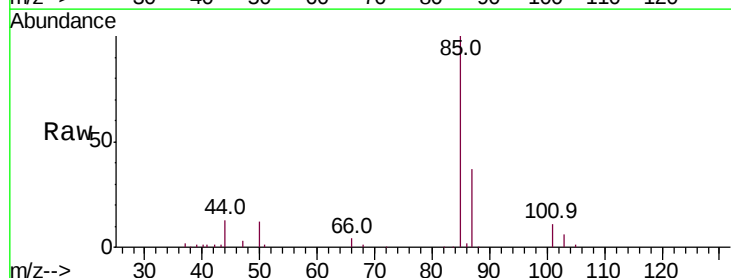
Acq: 02 Oct 2019 12:55

Tgt Ion: 85 Resp: 75387

Ion Ratio Lower Upper

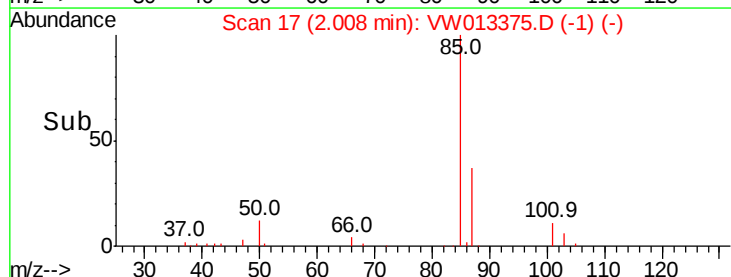
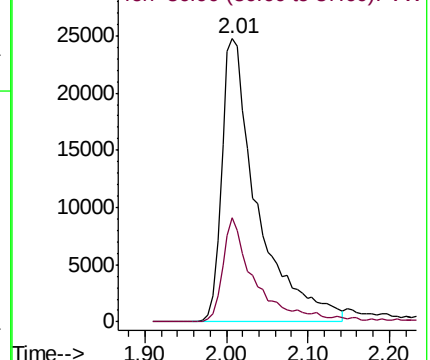
85 100

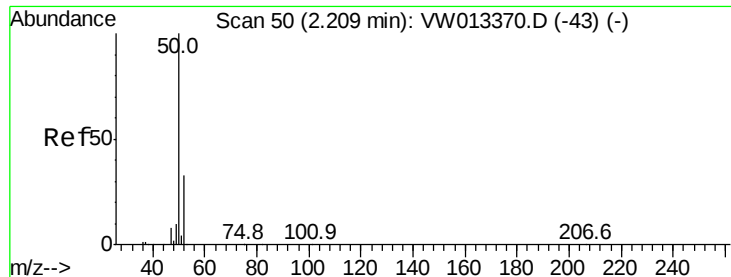
87 36.8 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.320 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

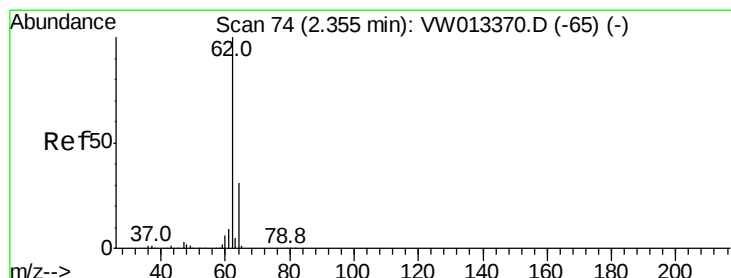
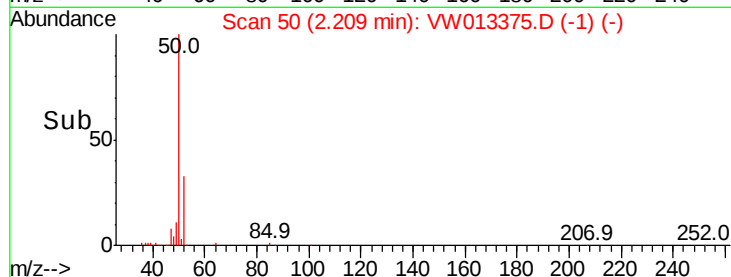
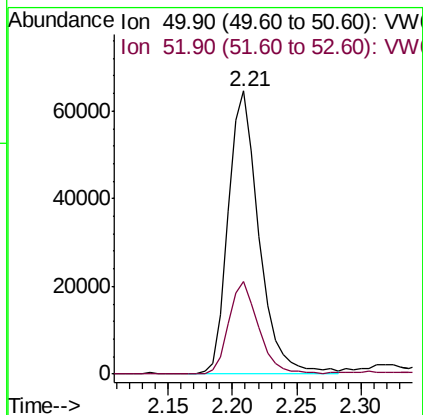
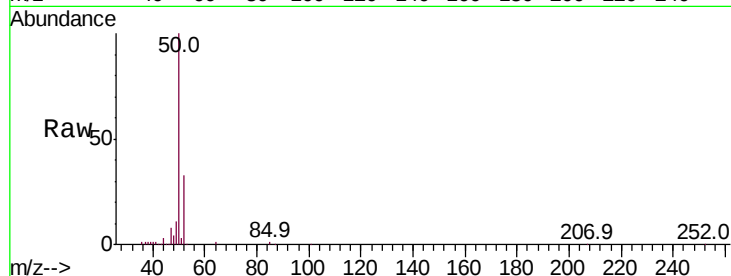
VSTDCCC050

Tot Ion: 50 Resp: 107780

Ion Ratio Lower Upper

50 100

52 32.8 26.1 39.1



#4

Vinyl Chloride

Concen: 48.516 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013375.D

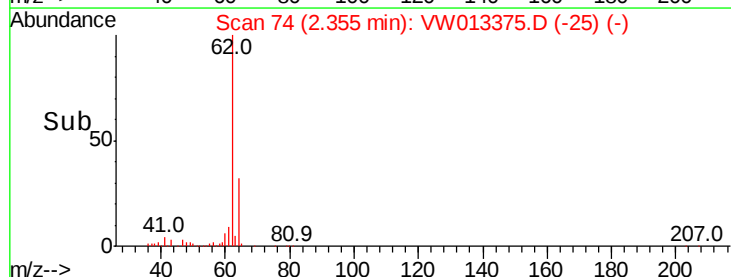
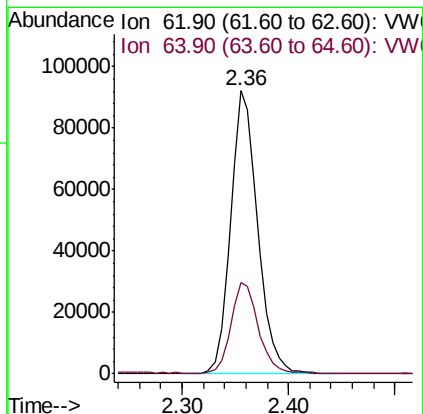
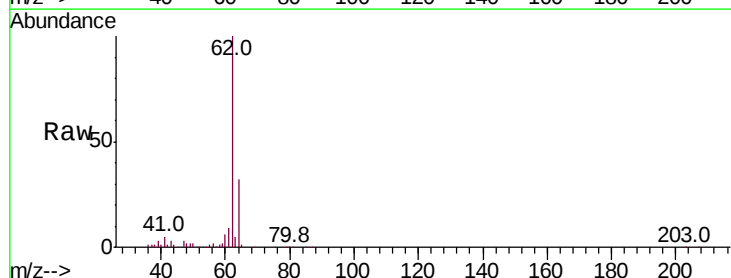
Acq: 02 Oct 2019 12:55

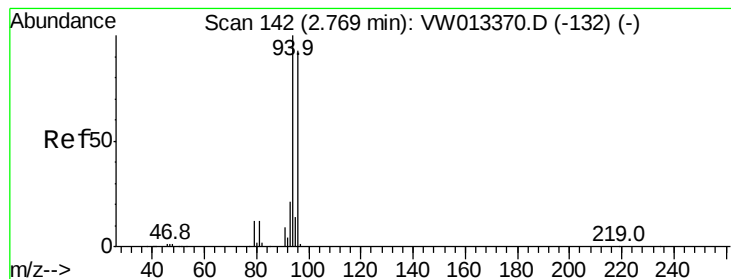
Tgt Ion: 62 Resp: 163749

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 49.843 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

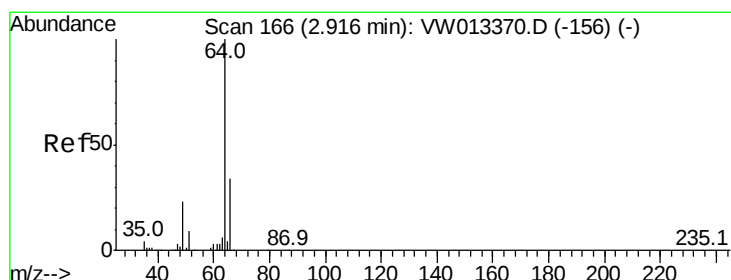
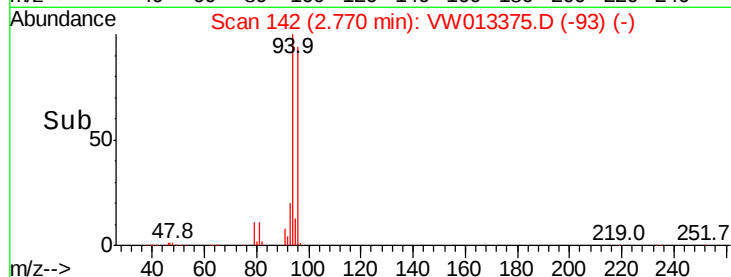
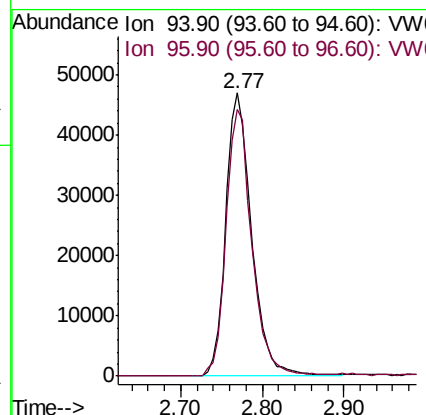
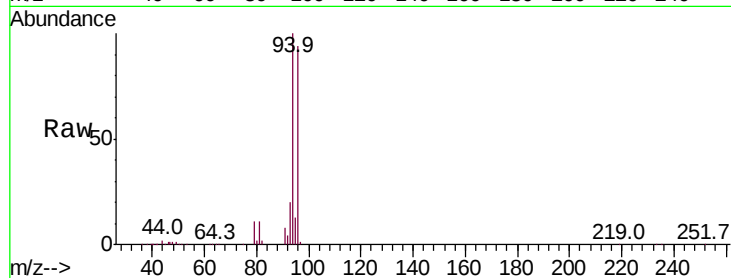
VSTDCCC050

Tot Ion: 94 Resp: 103355

Ion Ratio Lower Upper

94 100

96 94.1 69.7 104.5



#6

Chloroethane

Concen: 46.894 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW013375.D

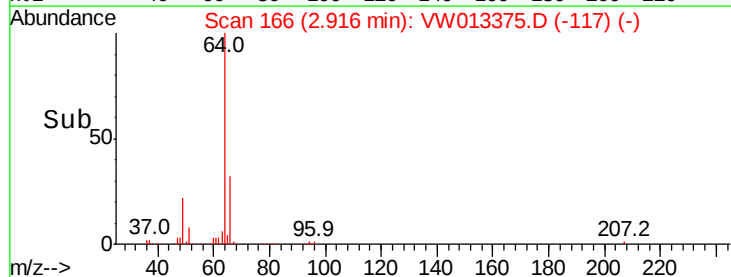
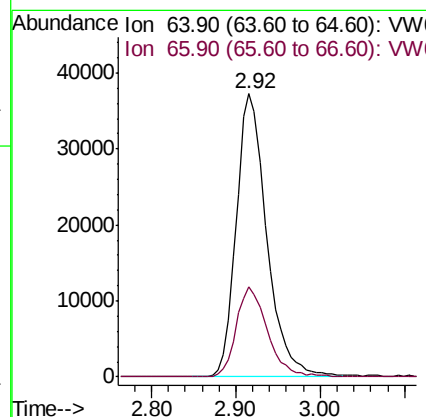
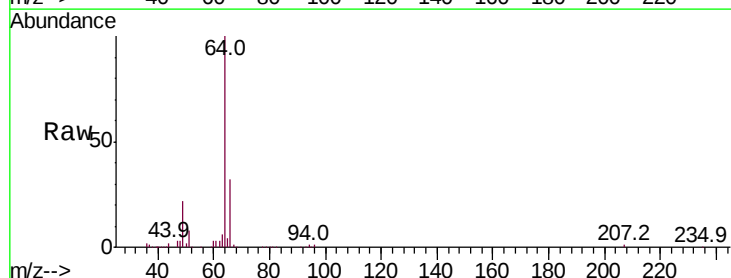
Acq: 02 Oct 2019 12:55

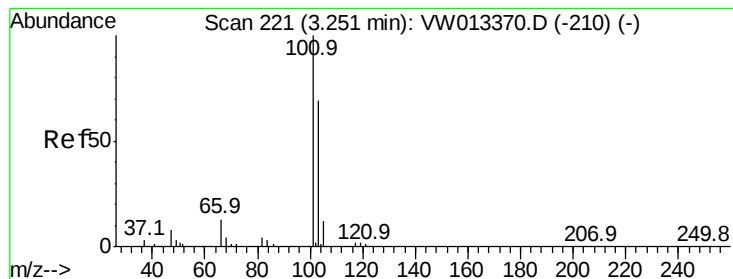
Tgt Ion: 64 Resp: 91392

Ion Ratio Lower Upper

64 100

66 32.0 26.6 39.8



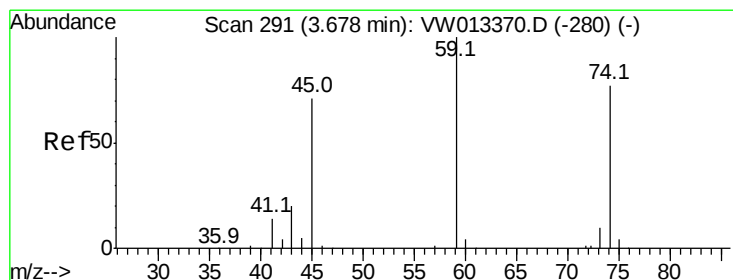
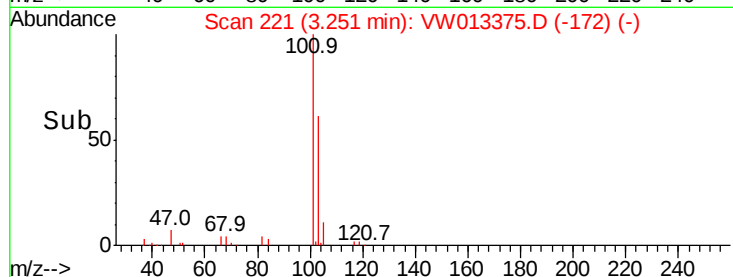
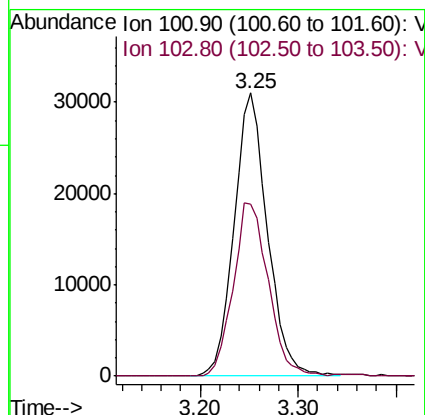
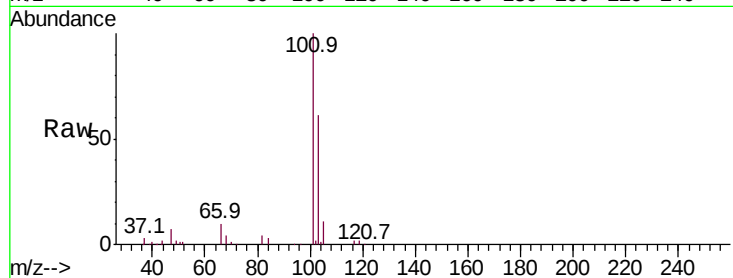


#7

Trichlorofluoromethane
 Concen: 50.050 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

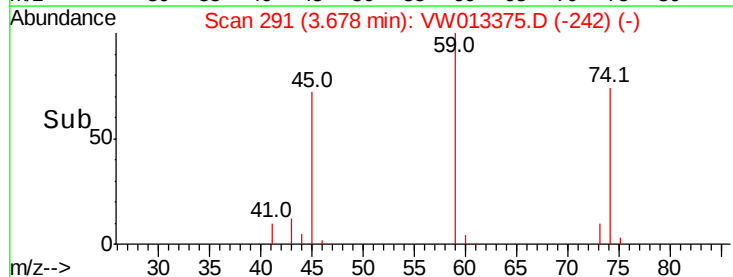
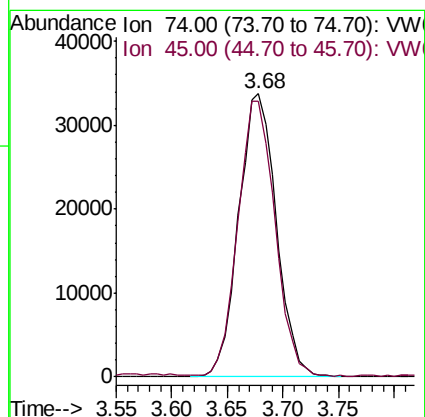
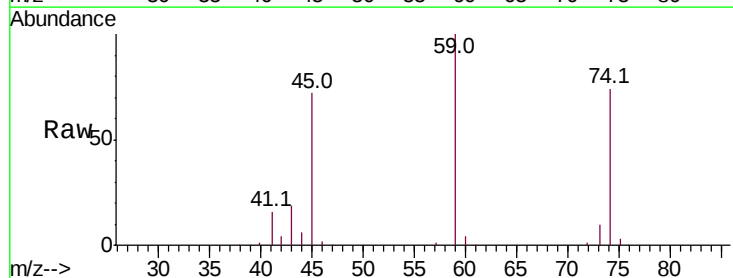
Tot Ion:101 Resp: 73287
 Ion Ratio Lower Upper
 101 100
 103 60.7 49.7 74.5

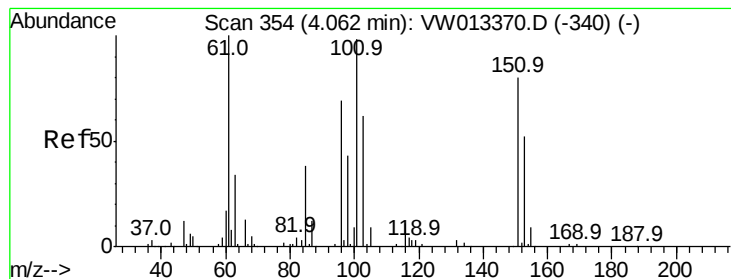


#8

Diethyl Ether
 Concen: 46.724 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion: 74 Resp: 79189
 Ion Ratio Lower Upper
 74 100
 45 97.0 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.575 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

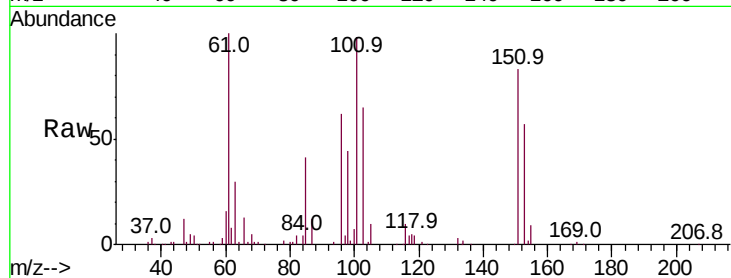
Tot Ion:101 Resp: 157691

Ion Ratio Lower Upper

101 100

85 41.8 33.4 50.0

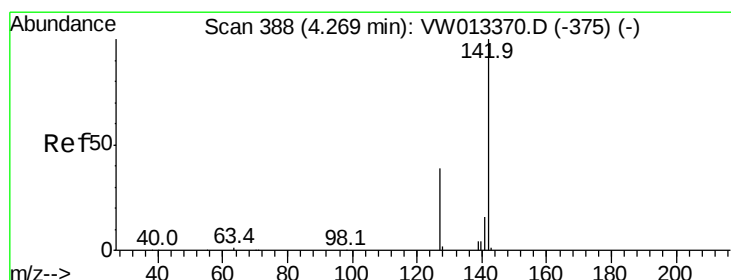
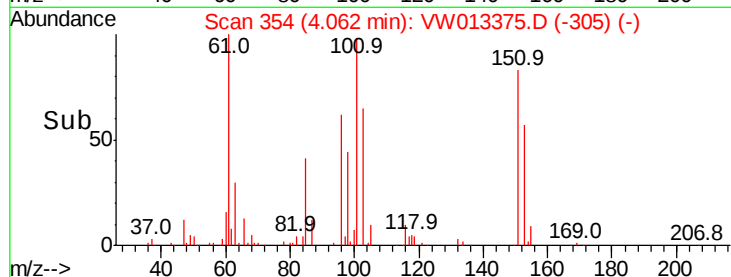
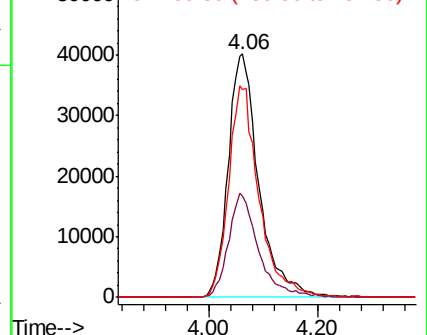
151 86.2 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.782 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

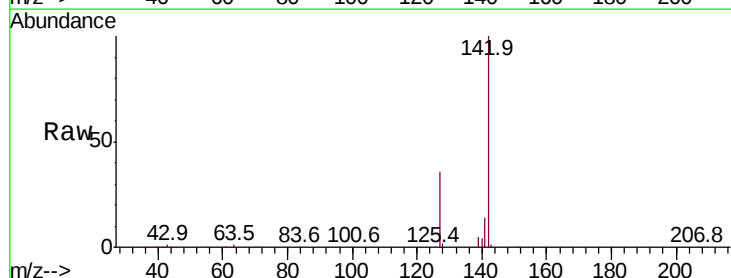
Tgt Ion:142 Resp: 255750

Ion Ratio Lower Upper

142 100

127 37.4 30.9 46.3

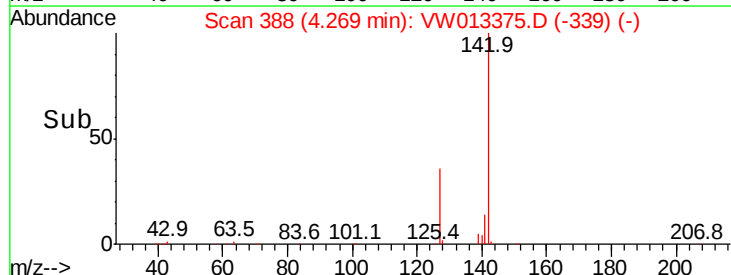
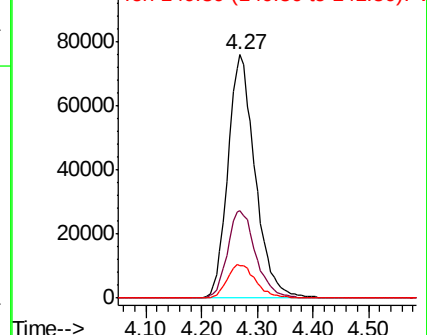
141 14.6 11.7 17.5

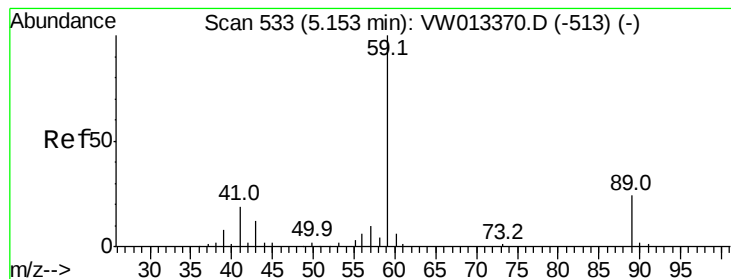


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



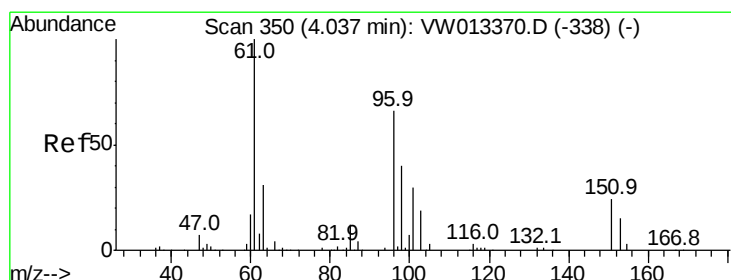
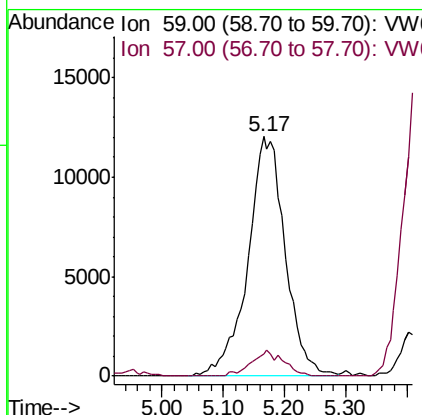
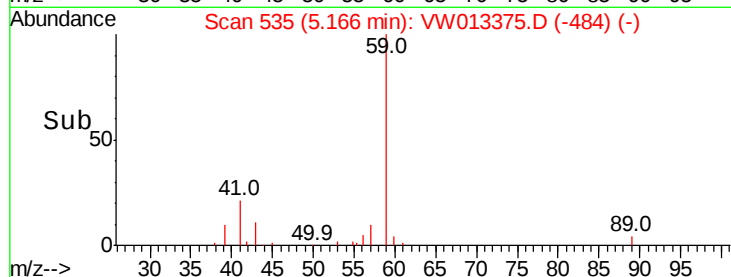
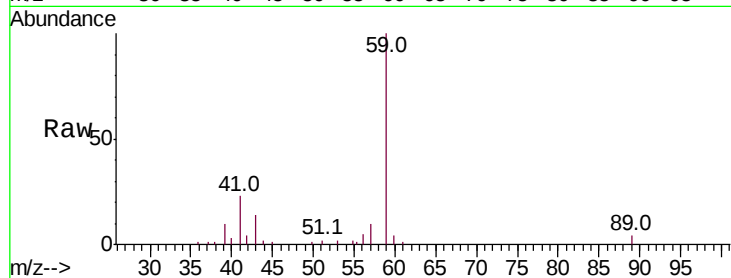


#11

Tert butyl alcohol
 Concen: 222.062 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

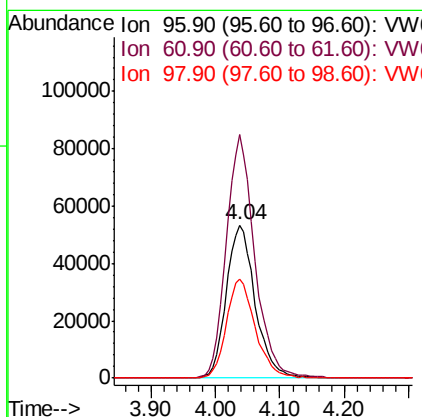
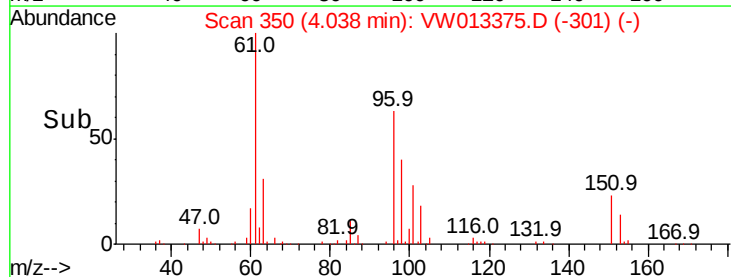
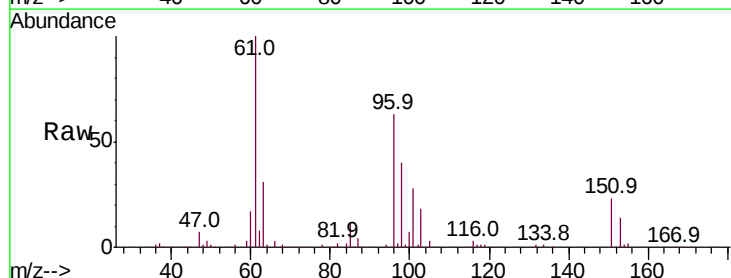
Tot Ion: 59 Resp: 51343
 Ion Ratio Lower Upper
 59 100
 57 9.2 8.2 12.2

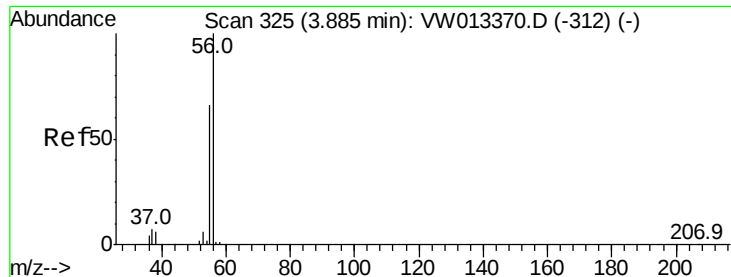


#12

1,1-Dichloroethene
 Concen: 49.046 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion: 96 Resp: 168226
 Ion Ratio Lower Upper
 96 100
 61 158.9 125.1 187.7
 98 64.2 50.8 76.2

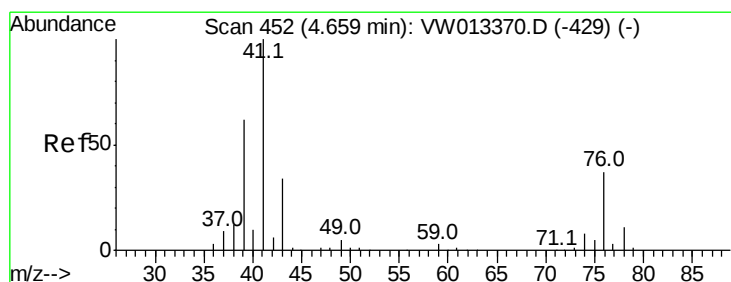
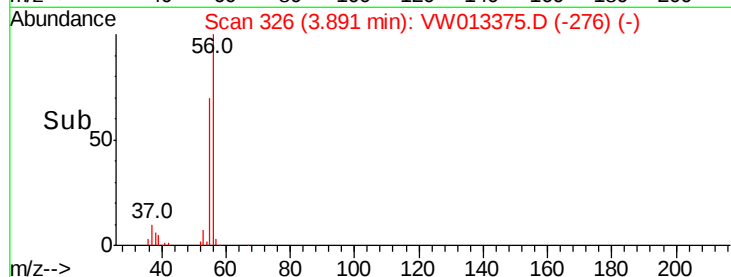
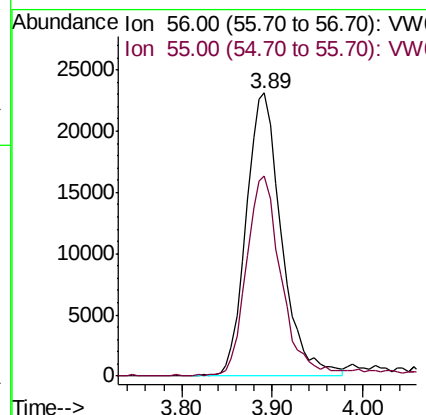
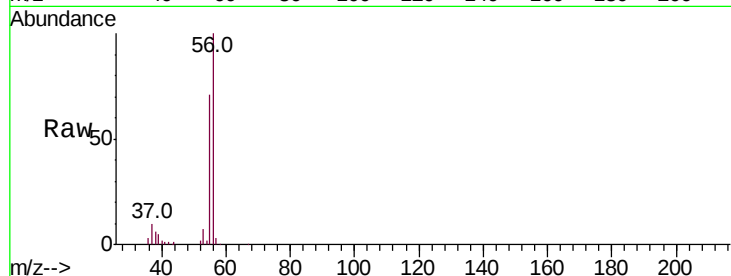




#13
 Acrolein
 Concen: 222.949 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

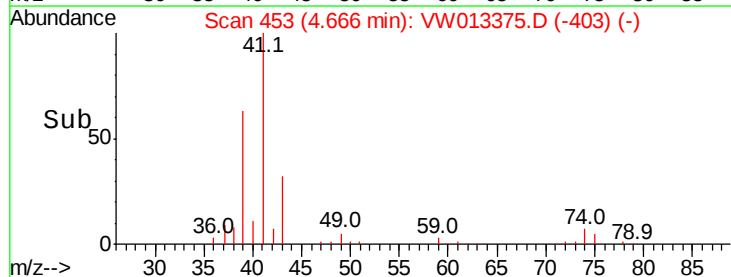
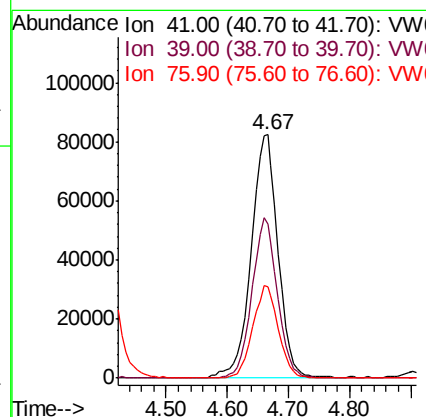
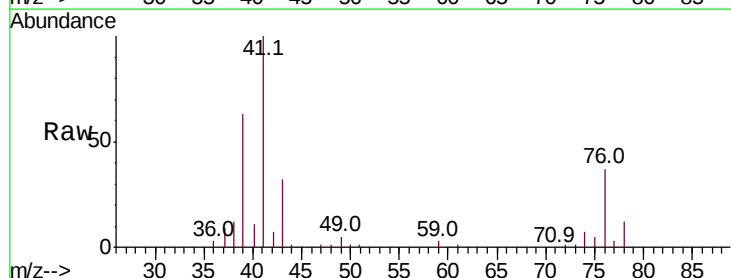
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

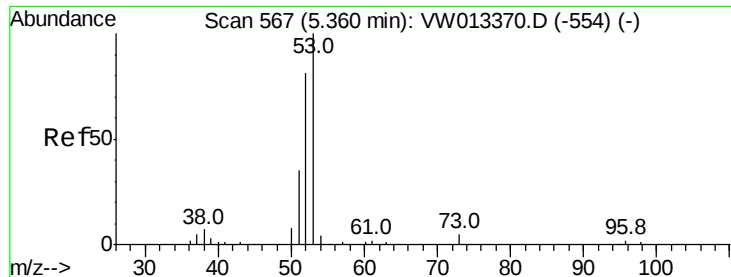
Tot Ion: 56 Resp: 62377
 Ion Ratio Lower Upper
 56 100
 55 69.8 55.4 83.0



#14
 Allyl chloride
 Concen: 49.794 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. 0.01 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion: 41 Resp: 252655
 Ion Ratio Lower Upper
 41 100
 39 62.2 51.0 76.4
 76 36.1 28.4 42.6





#15

Acrylonitrile

Concen: 220.394 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

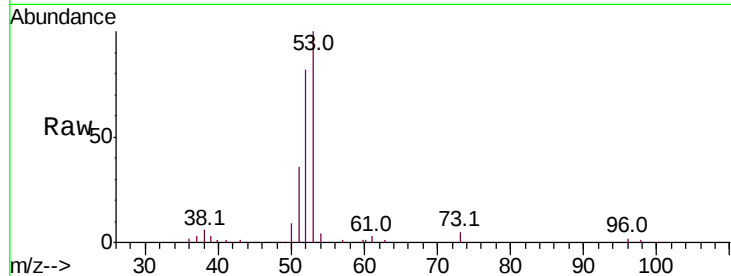
Tot Ion: 53 Resp: 168855

Ion Ratio Lower Upper

53 100

52 82.5 65.3 97.9

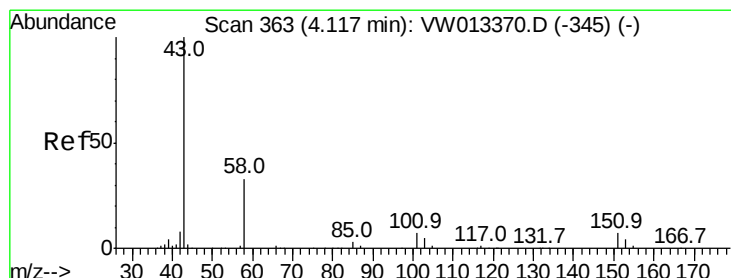
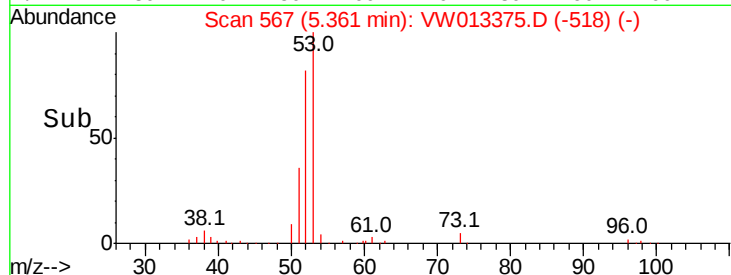
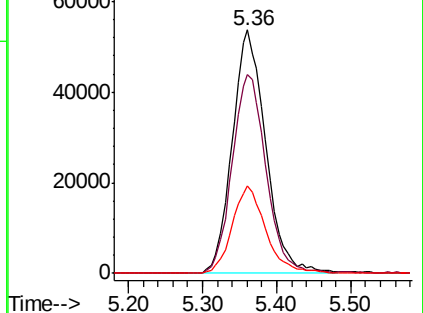
51 36.1 29.0 43.4



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: 205.508 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW013375.D

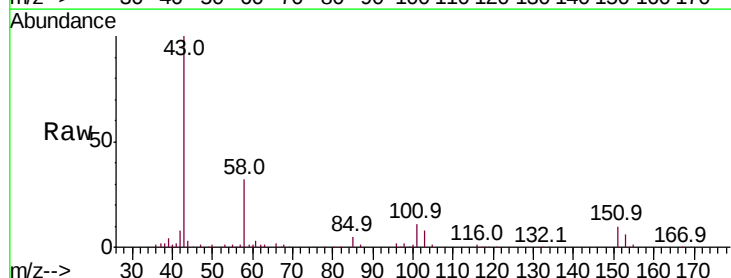
Acq: 02 Oct 2019 12:55

Tgt Ion: 43 Resp: 175251

Ion Ratio Lower Upper

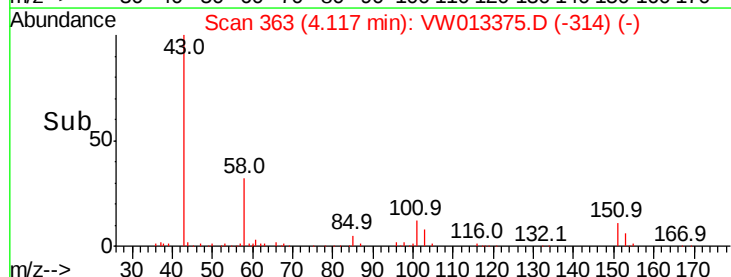
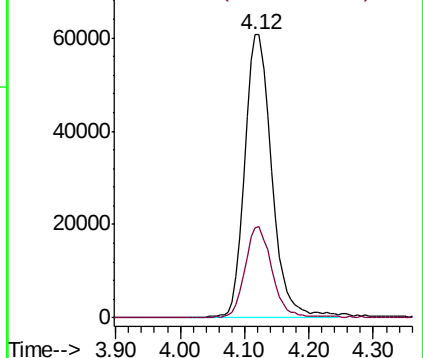
43 100

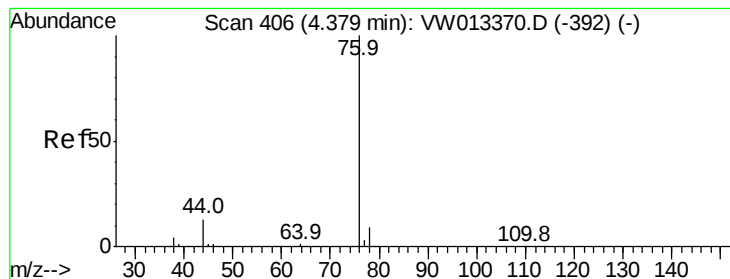
58 31.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 50.395 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

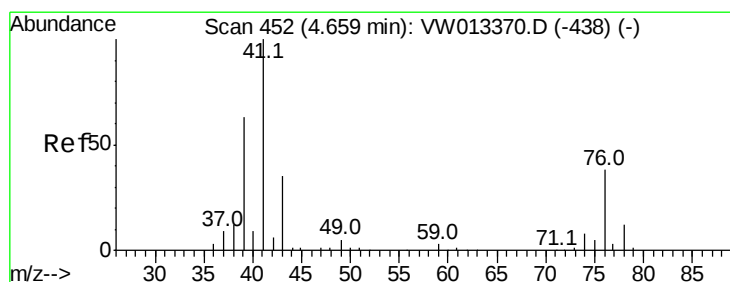
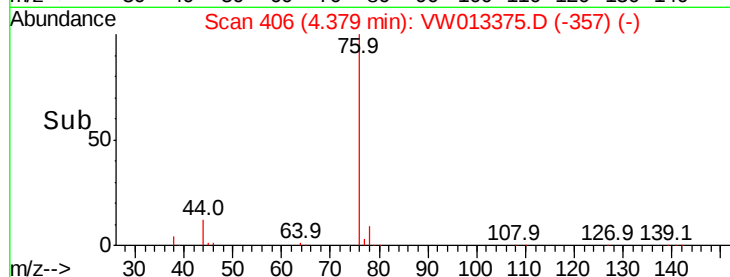
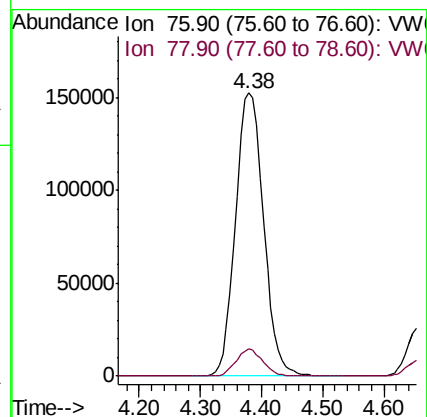
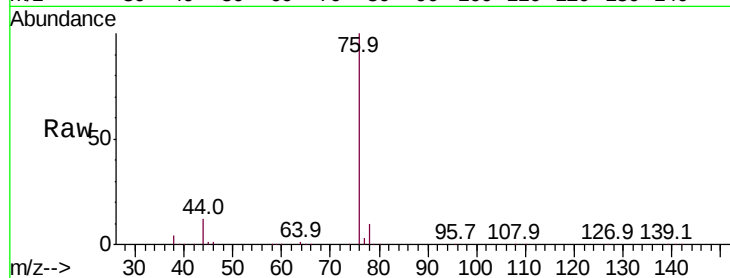
VSTDCCC050

Tot Ion: 76 Resp: 482215

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.4



#18

Methyl Acetate

Concen: 40.142 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013375.D

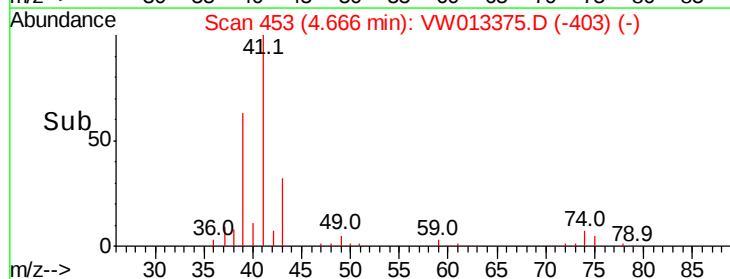
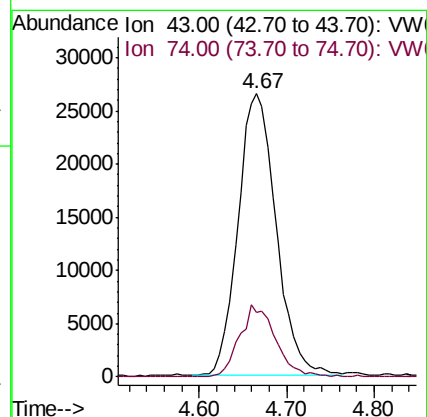
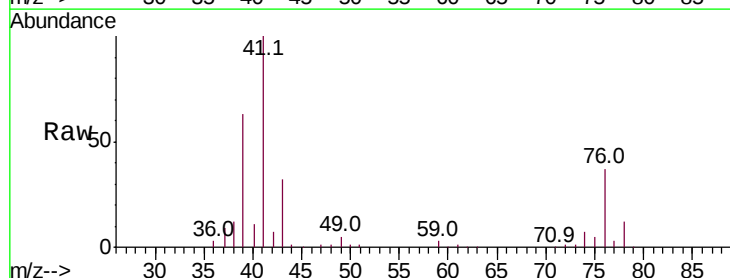
Acq: 02 Oct 2019 12:55

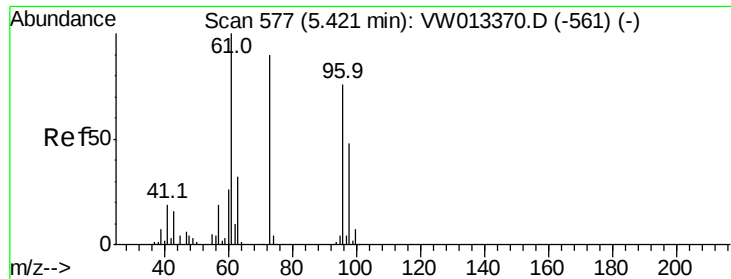
Tgt Ion: 43 Resp: 80121

Ion Ratio Lower Upper

43 100

74 24.0 19.3 28.9

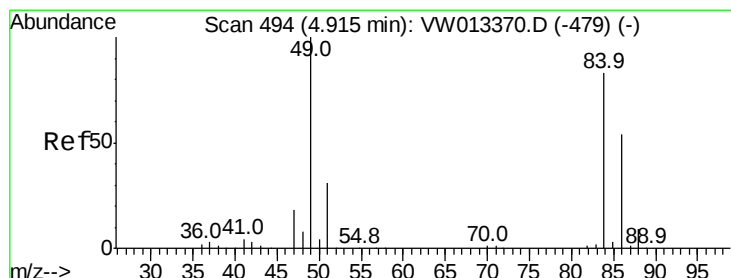
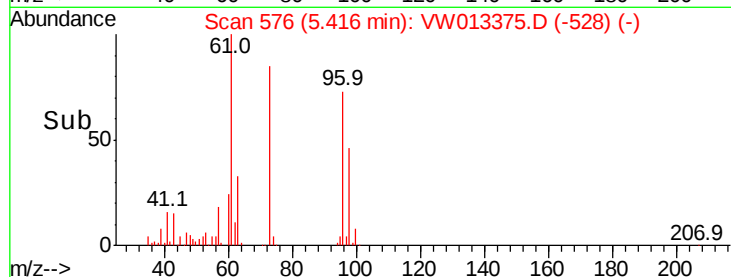
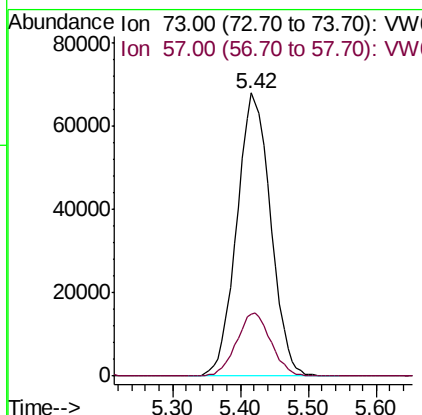
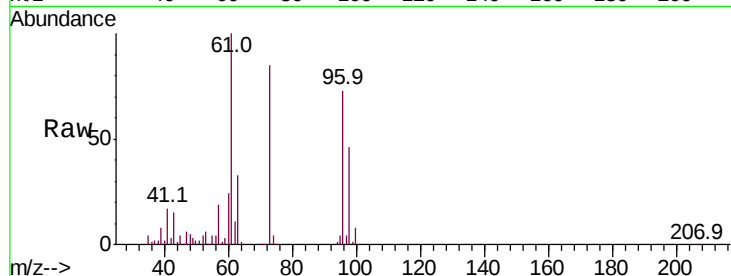




#19
Methvl tert-butvl Ether
Concen: 46.468 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

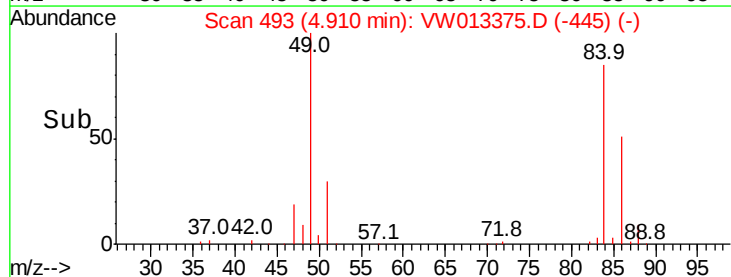
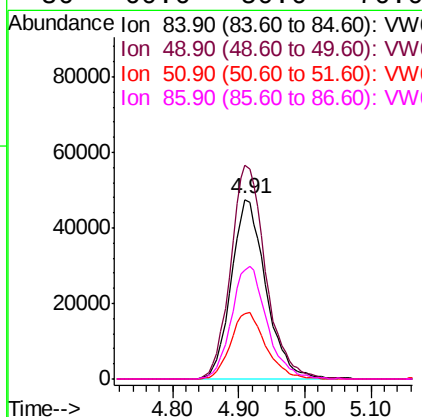
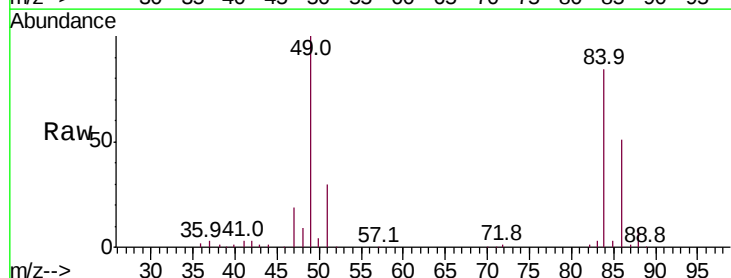
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

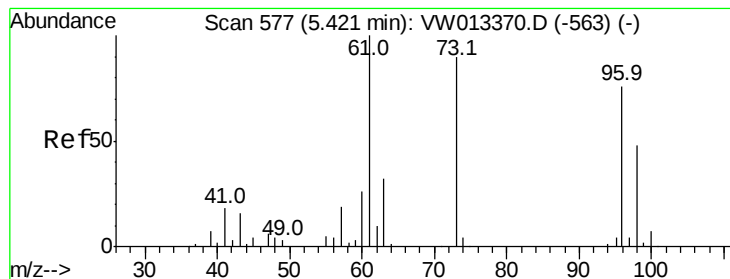
Tot Ion: 73 Resp: 234582
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4



#20
Methylene Chloride
Concen: 48.412 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion: 84 Resp: 172551
Ion Ratio Lower Upper
84 100
49 118.9 97.6 146.4
51 36.0 30.2 45.2
86 60.6 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 48.250 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

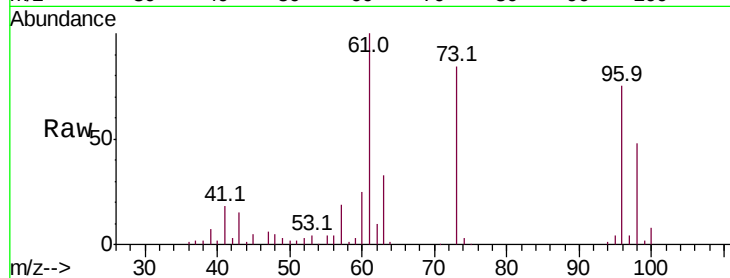
Tot Ion: 96 Resp: 176244

Ion Ratio Lower Upper

96 100

61 133.6 106.6 159.8

98 63.9 49.8 74.8

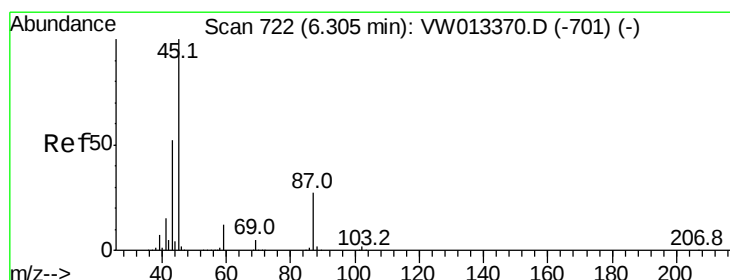
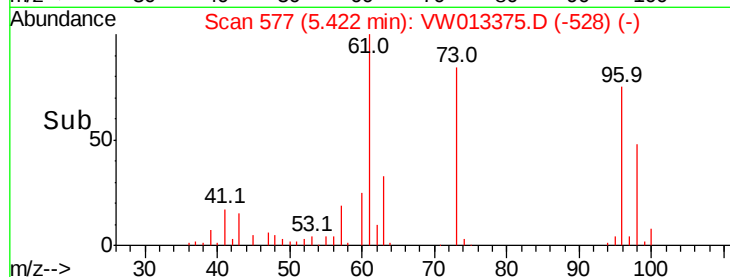
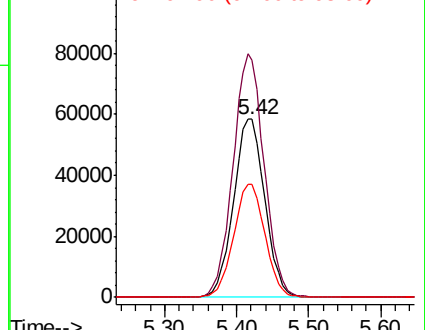


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 48.872 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Tgt Ion: 45 Resp: 478889

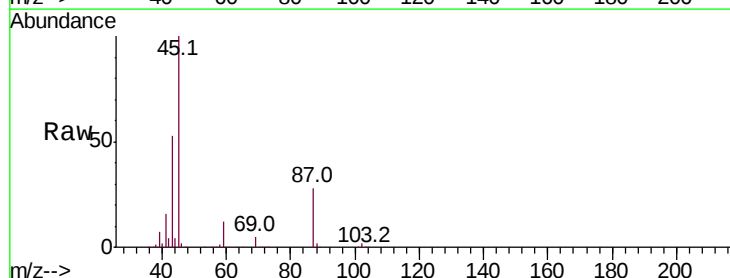
Ion Ratio Lower Upper

45 100

43 52.5 42.4 63.6

87 27.9 20.4 30.6

59 11.6 8.8 13.2



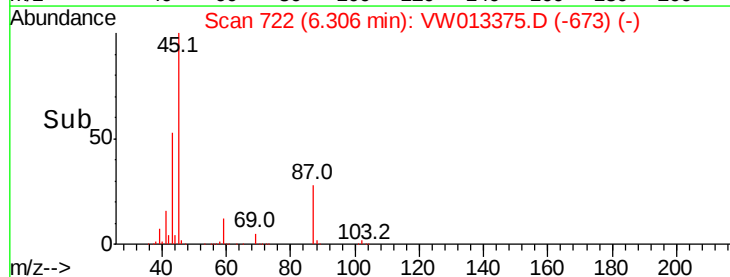
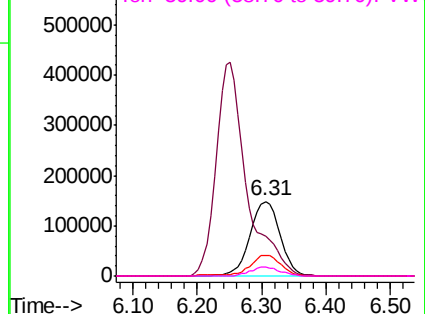
Abundance

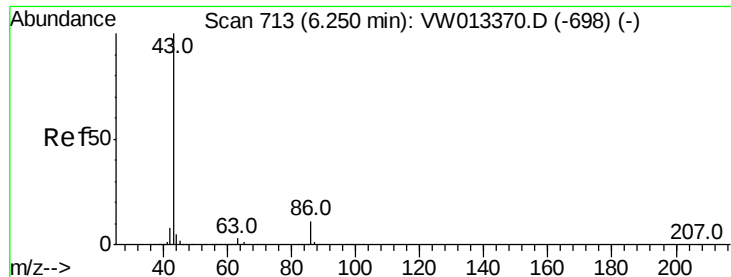
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 240.774 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

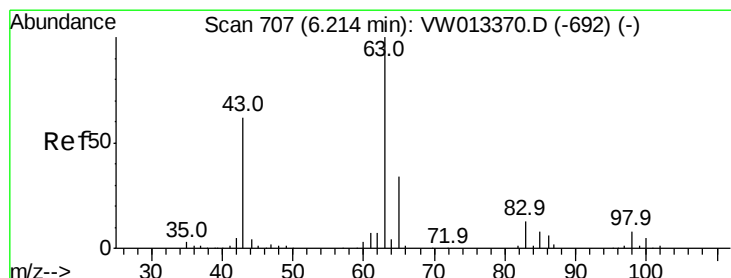
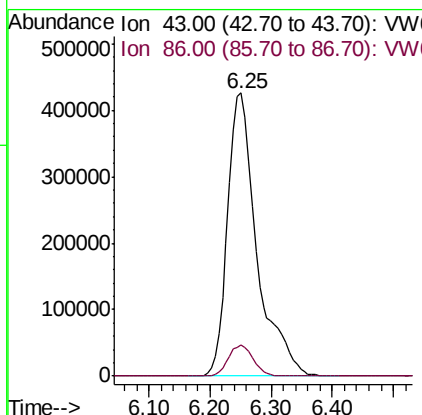
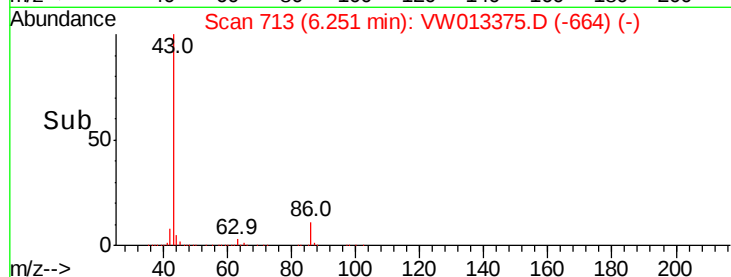
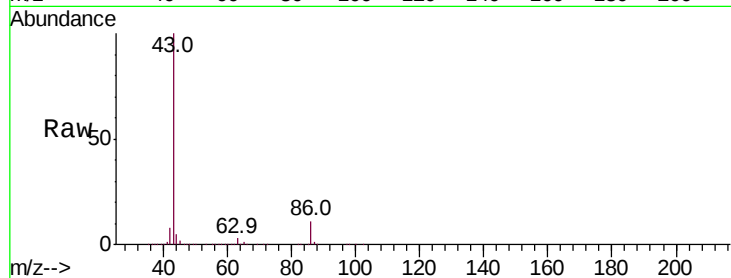
VSTDCCC050

Tot Ion: 43 Resp: 1415694

Ion Ratio Lower Upper

43 100

86 11.2 8.3 12.5



#24

1,1-Dichloroethane

Concen: 49.193 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

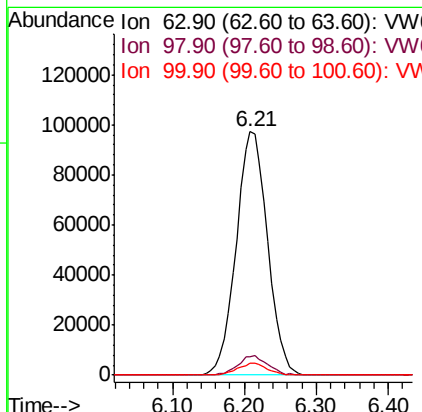
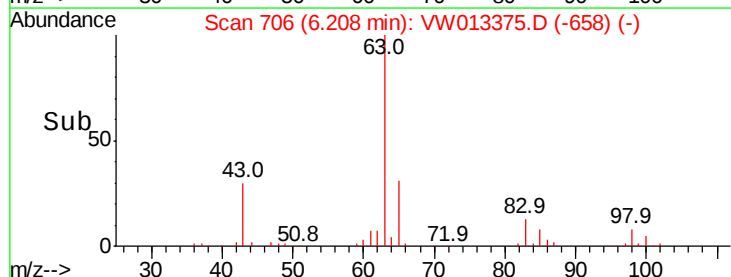
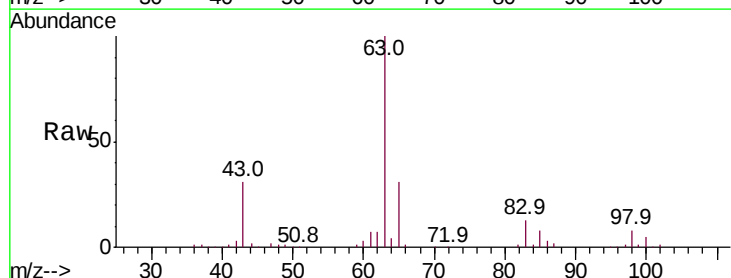
Tgt Ion: 63 Resp: 293604

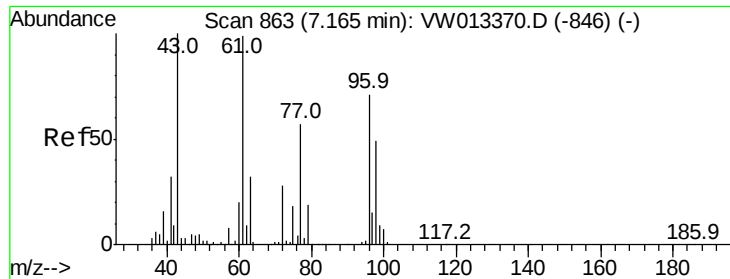
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.5

100 5.1 2.4 7.1





#25

2-Butanone

Concen: 212.478 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

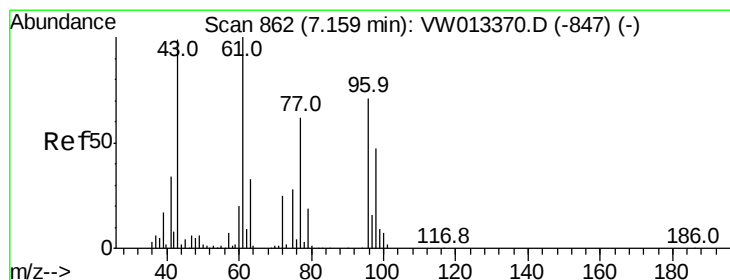
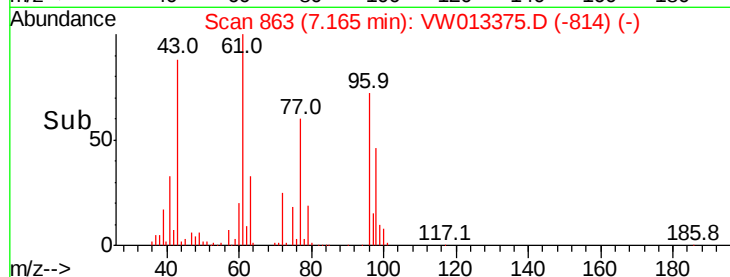
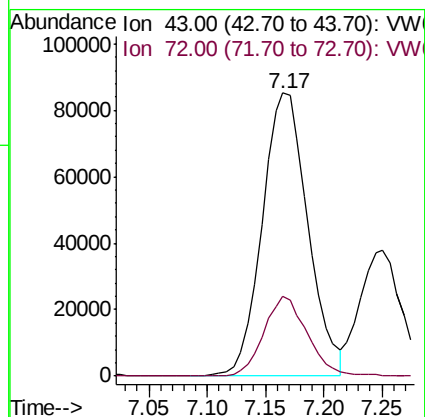
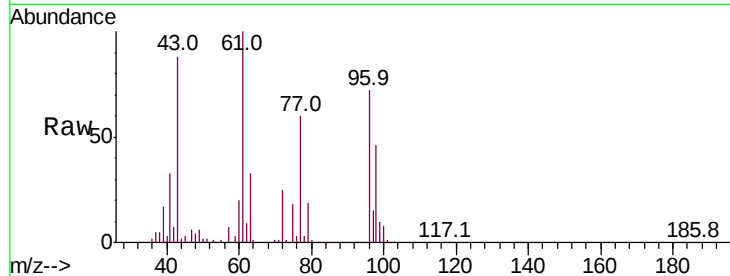
VSTDCCC050

Tot Ion: 43 Resp: 231852

Ion Ratio Lower Upper

43 100

72 28.2 19.4 29.0



#26

2,2-Dichloropropane

Concen: 51.188 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW013375.D

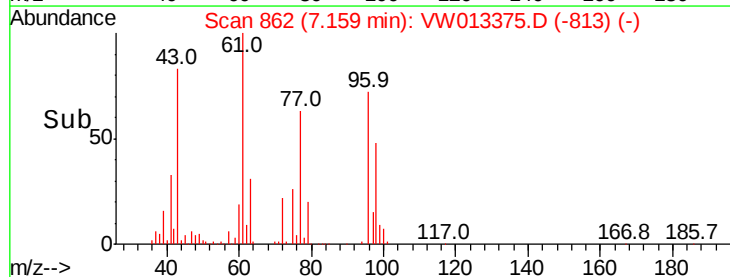
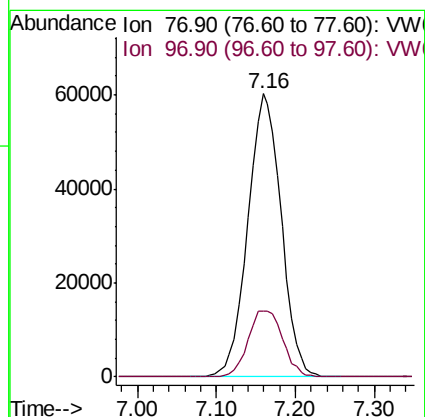
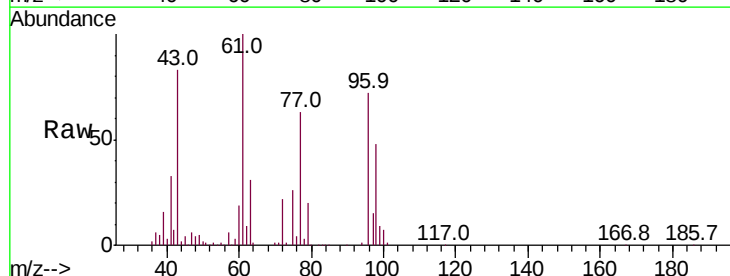
Acq: 02 Oct 2019 12:55

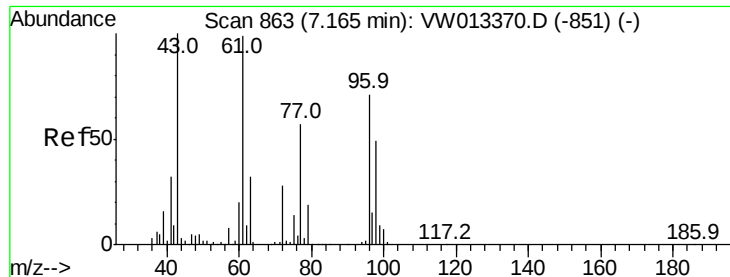
Tgt Ion: 77 Resp: 176624

Ion Ratio Lower Upper

77 100

97 24.4 11.8 35.4



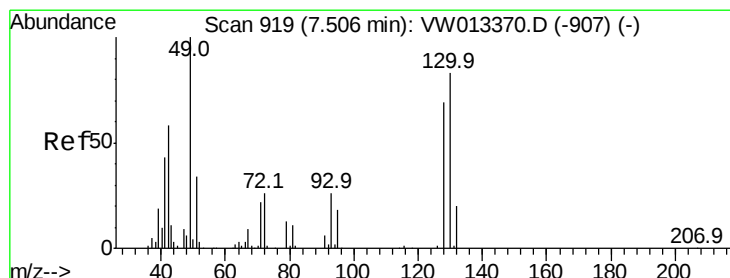
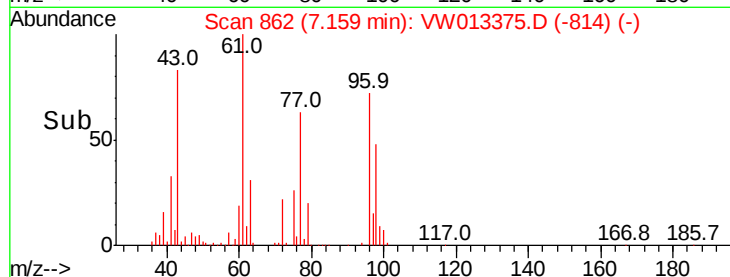
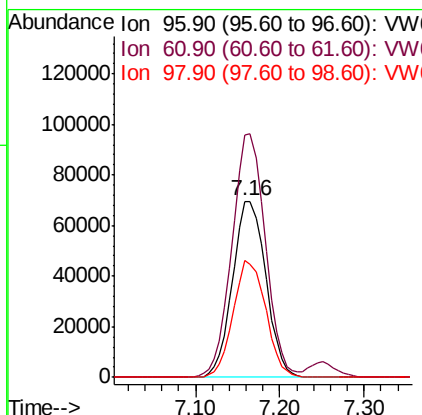
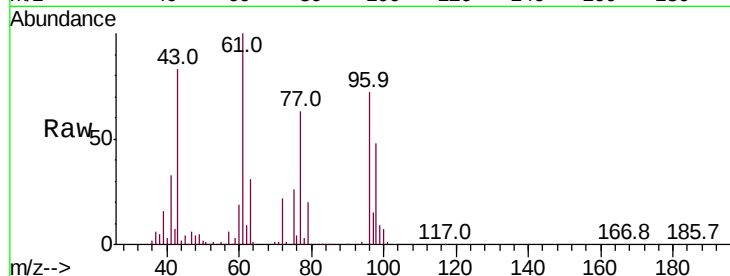


#27

cis-1,2-Dichloroethene
Concen: 48.725 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

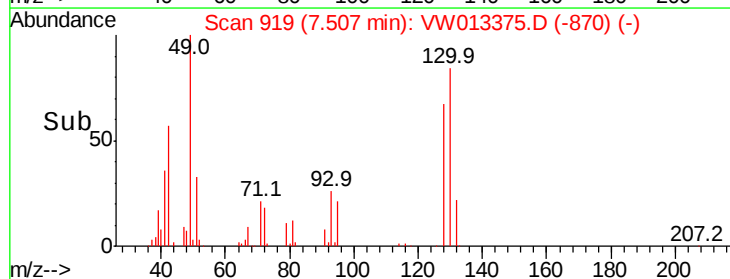
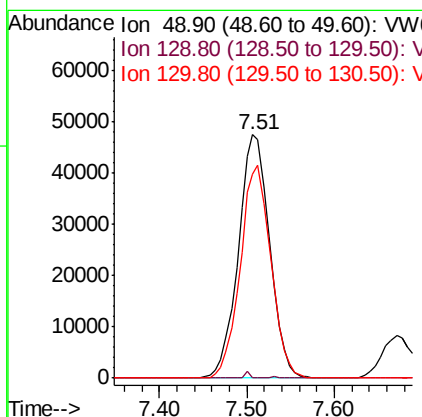
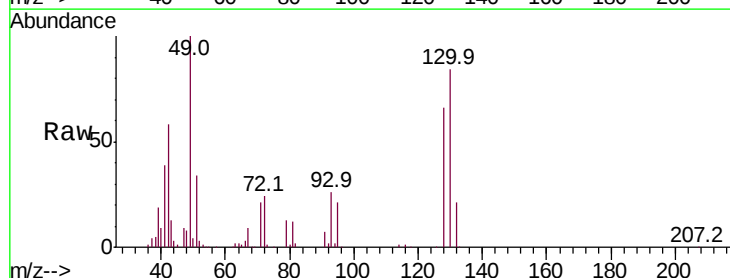
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	282.4
98	65.1	0.0	128.2

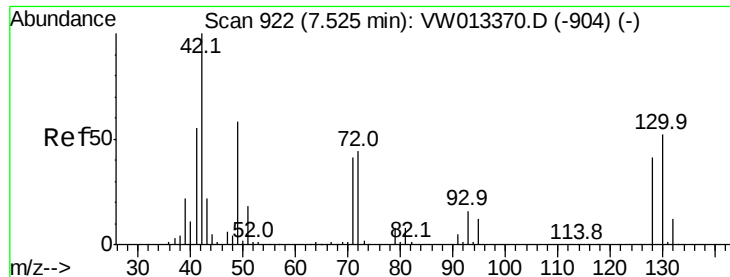


#28

Bromochloromethane
Concen: 54.619 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	1.0
130	85.3	63.4	95.2

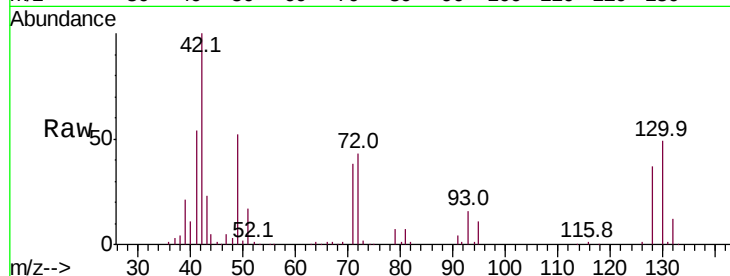




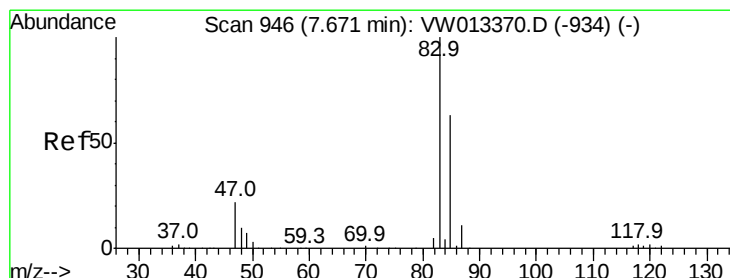
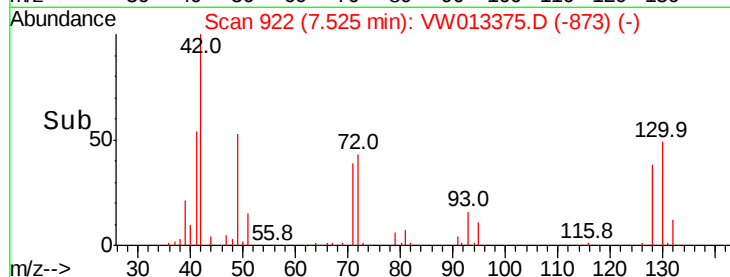
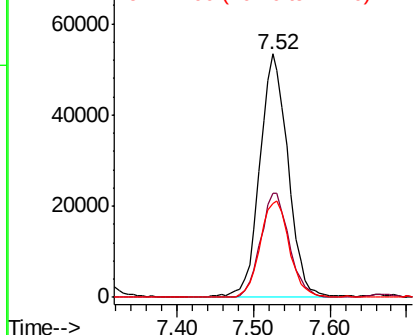
#29
Tetrahydrofuran
Concen: 218.951 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 138168
Ion Ratio Lower Upper
42 100
72 43.1 33.9 50.9
71 40.7 31.9 47.9

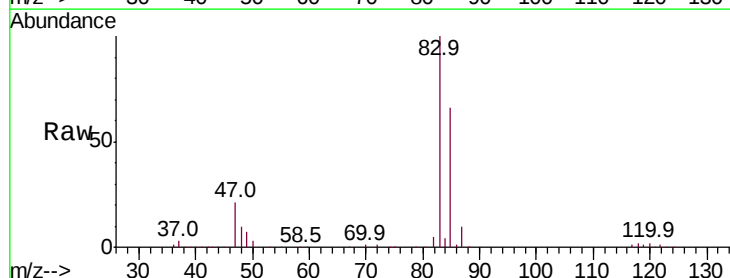


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

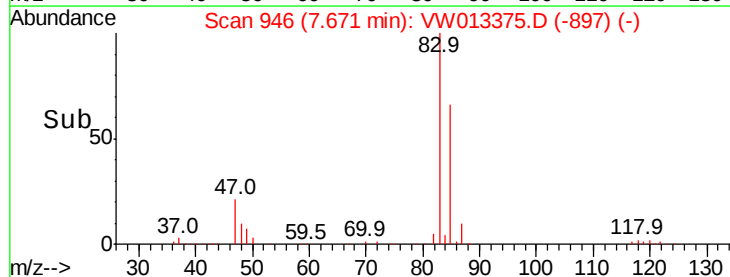
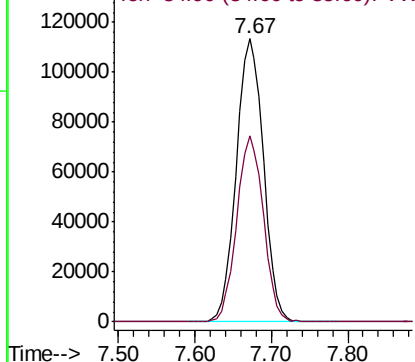


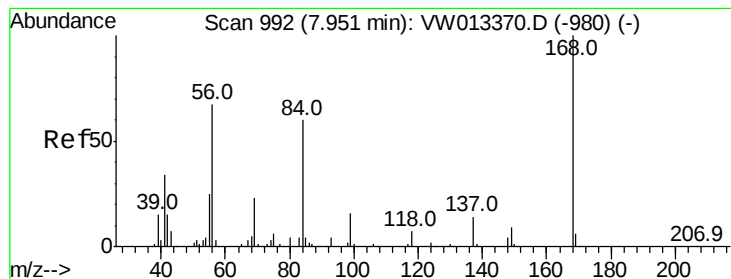
#30
Chloroform
Concen: 47.637 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion: 83 Resp: 278785
Ion Ratio Lower Upper
83 100
85 65.5 52.3 78.5



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





#31

Cyclohexane

Concen: 46.395 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

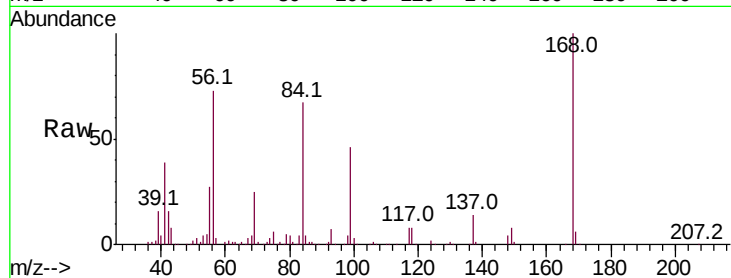
Tot Ion: 56 Resp: 295302

Ion Ratio Lower Upper

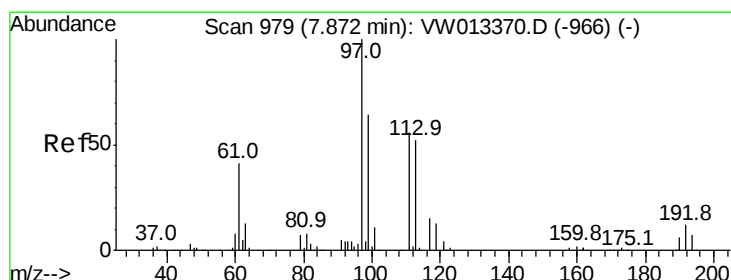
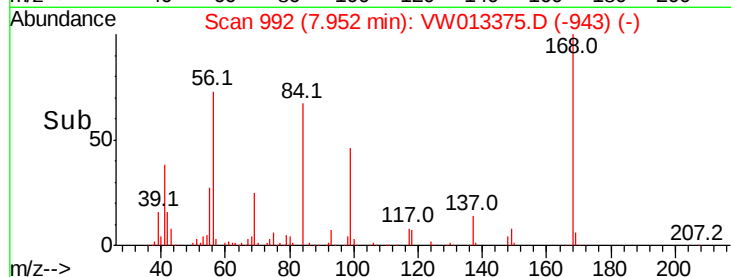
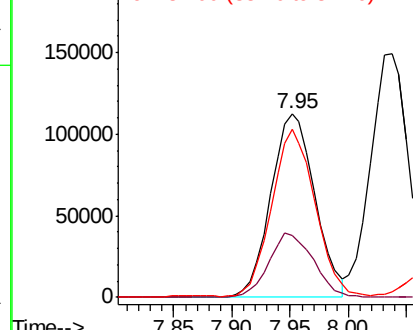
56 100

69 34.0 27.2 40.8

84 90.6 70.8 106.2



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: 49.128 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

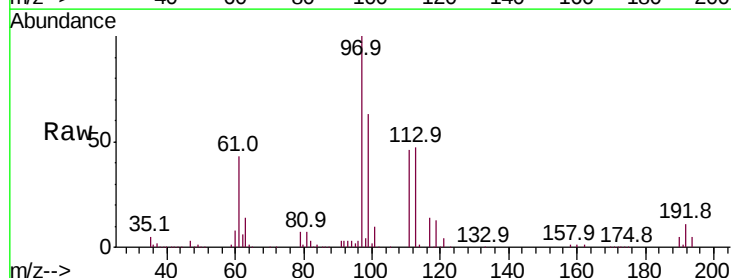
Tgt Ion: 97 Resp: 225249

Ion Ratio Lower Upper

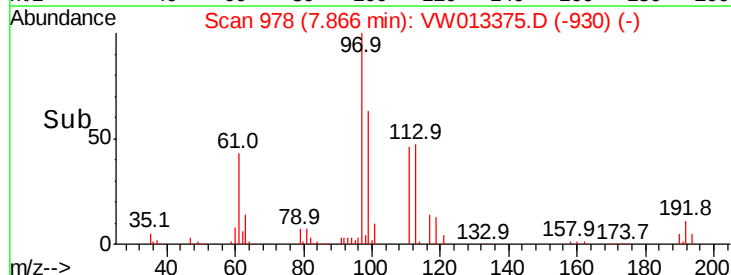
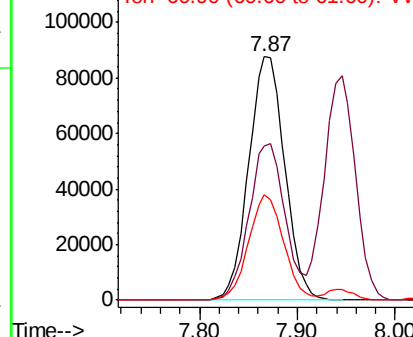
97 100

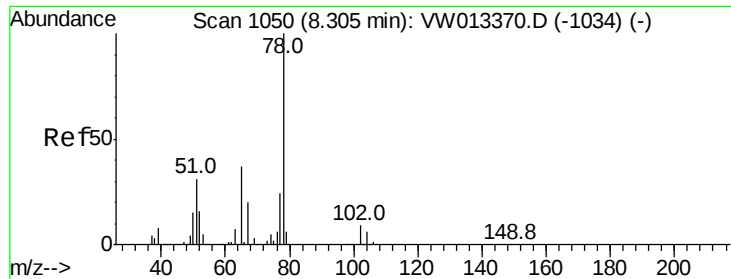
99 64.9 51.7 77.5

61 42.2 34.6 51.8



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

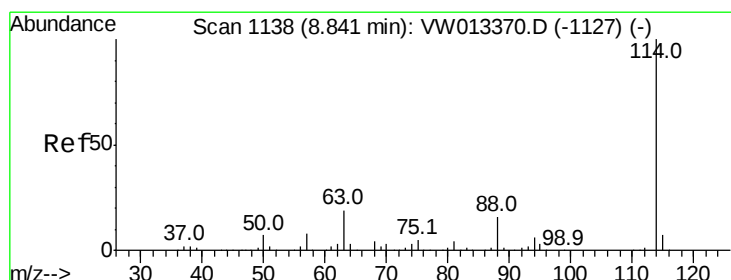
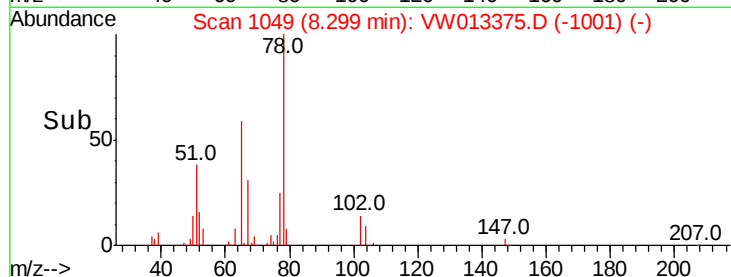
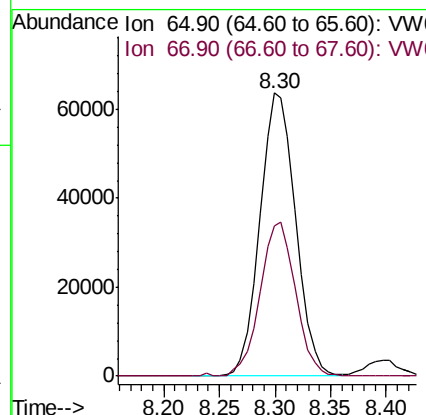
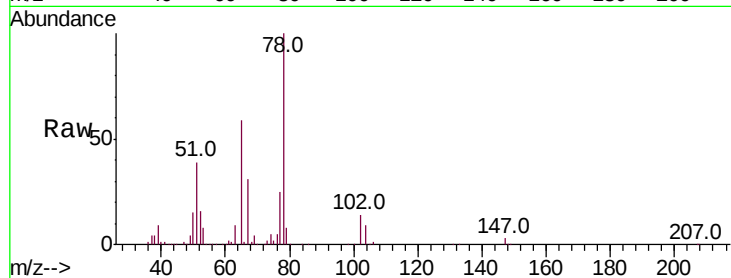




#33
 1,2-Dichloroethane-d4
 Concen: 51.092 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

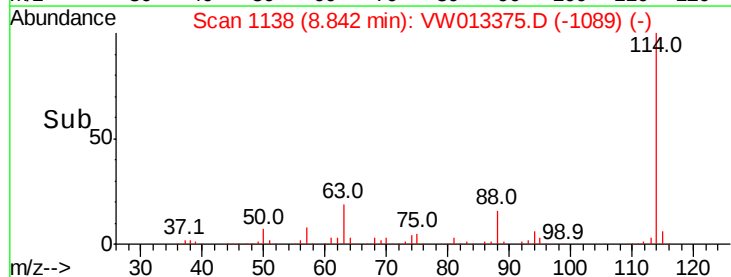
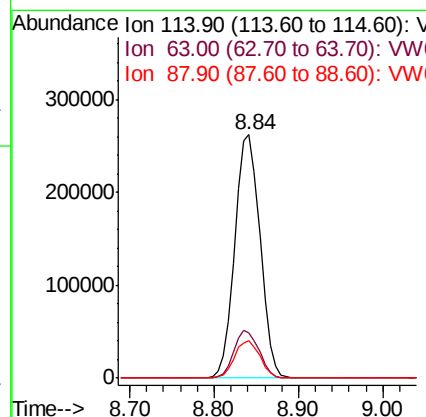
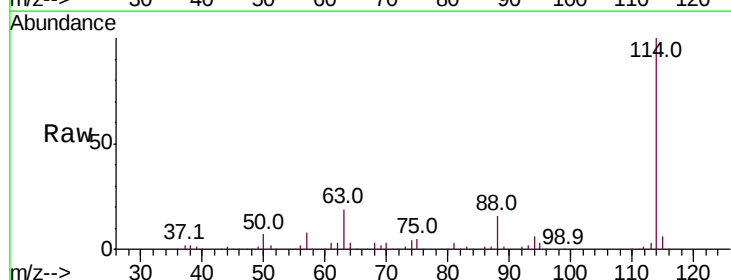
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

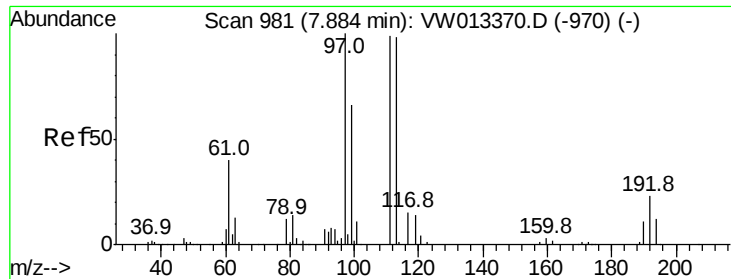
Tot Ion: 65 Resp: 142143
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion: 114 Resp: 532617
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 41.4
 88 15.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.029 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

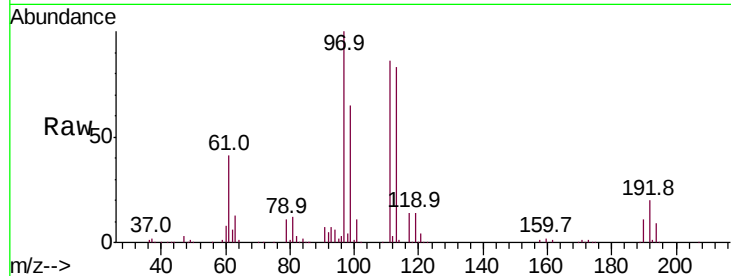
Tot Ion:113 Resp: 148203

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

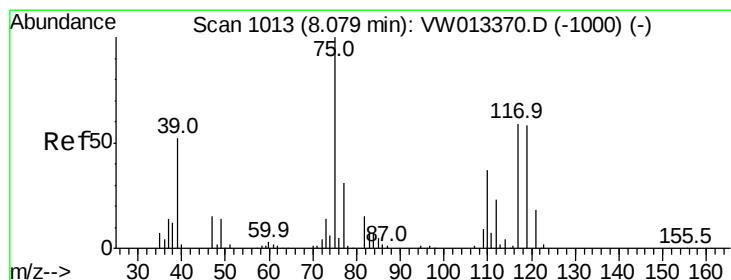
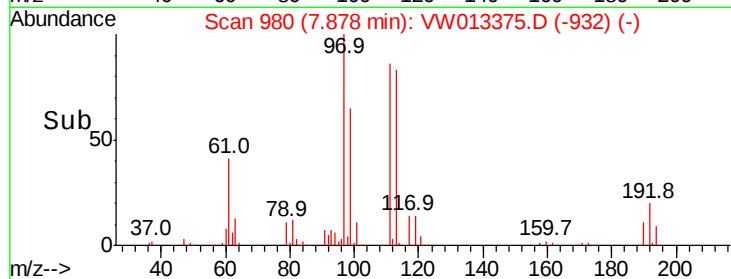
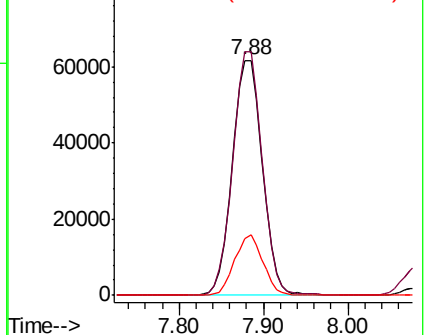
192 24.1 19.1 28.7



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: 49.099 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

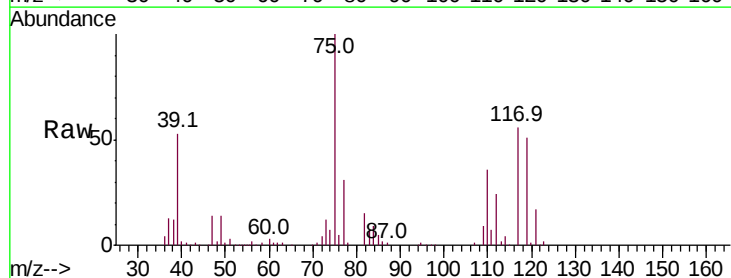
Tgt Ion: 75 Resp: 242894

Ion Ratio Lower Upper

75 100

110 36.6 18.1 54.3

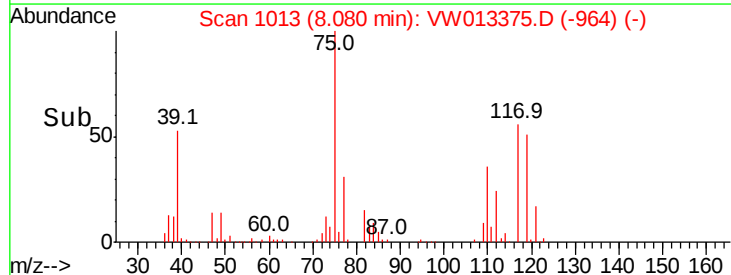
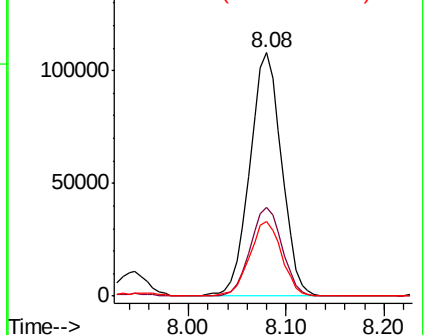
77 31.1 25.8 38.6

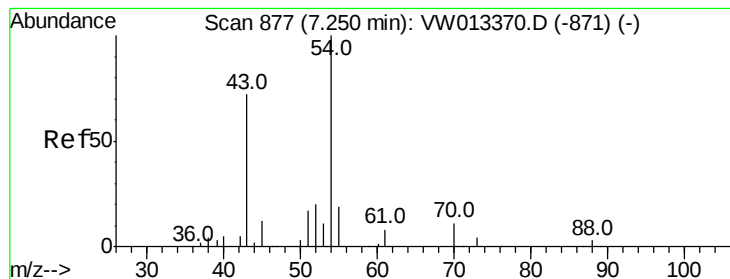


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 44.312 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

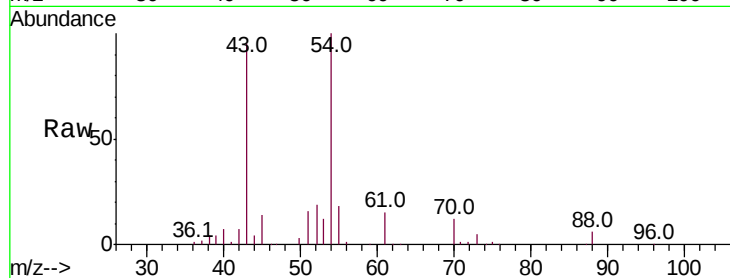
Tot Ion: 43 Resp: 96710

Ion Ratio Lower Upper

43 100

61 14.5 10.9 16.3

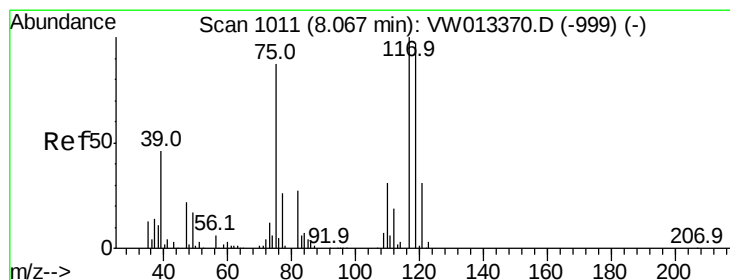
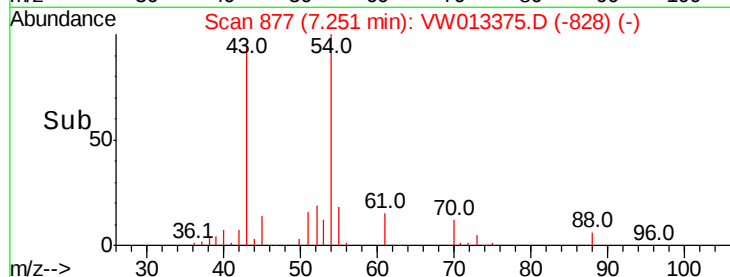
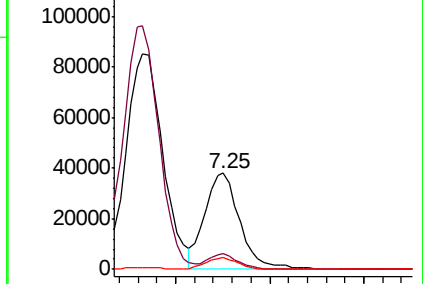
70 11.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 50.792 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

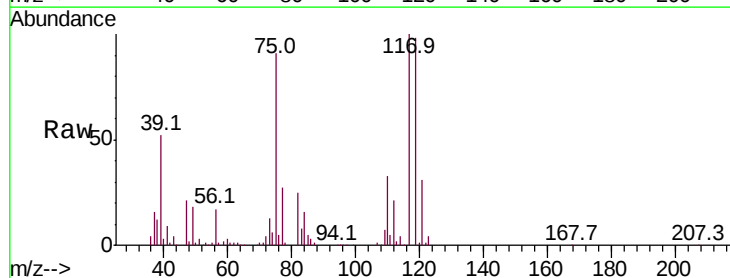
Tgt Ion: 117 Resp: 217659

Ion Ratio Lower Upper

117 100

119 97.9 73.5 110.3

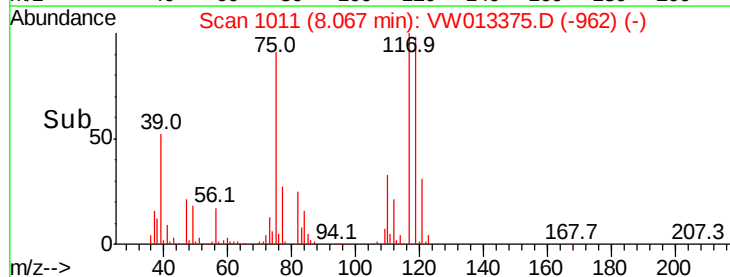
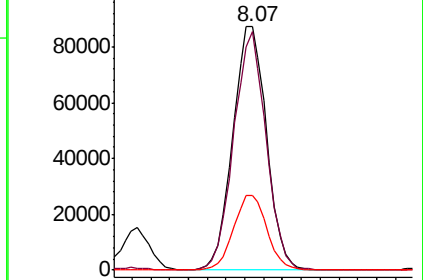
121 30.8 25.0 37.6

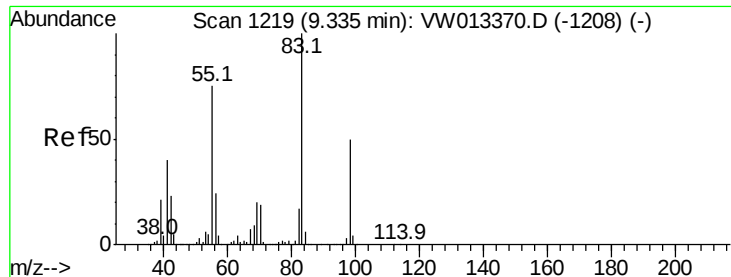


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

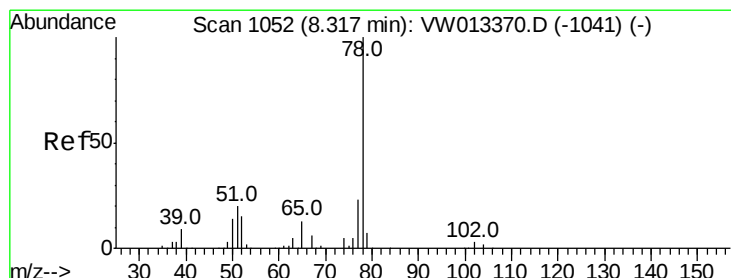
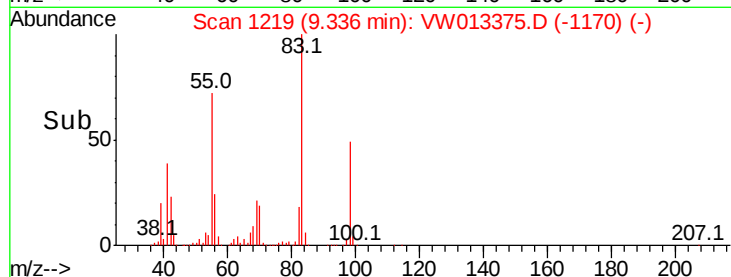
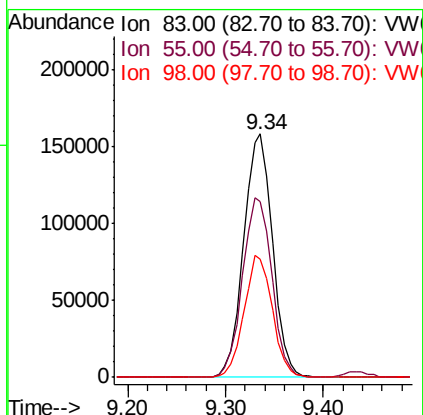
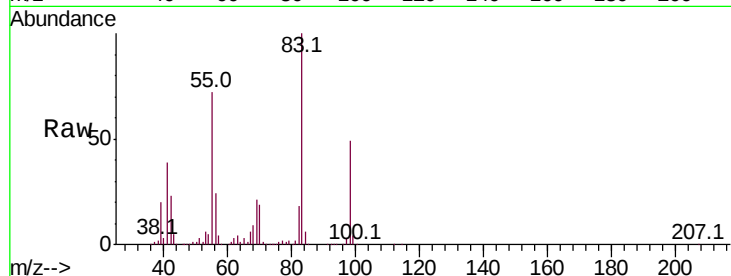




#39
Methvlcvclohexane
Concen: 49.546 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

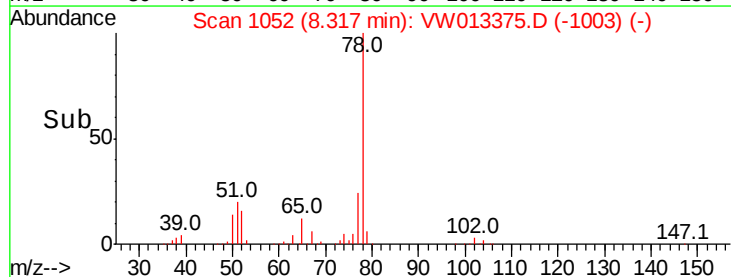
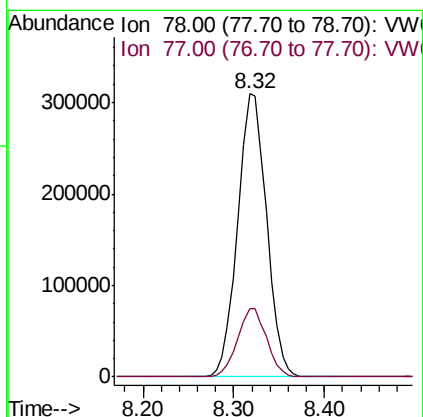
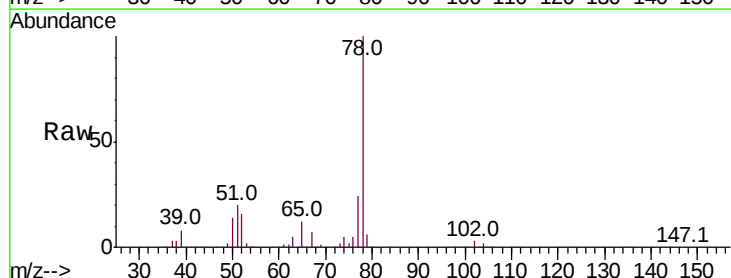
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

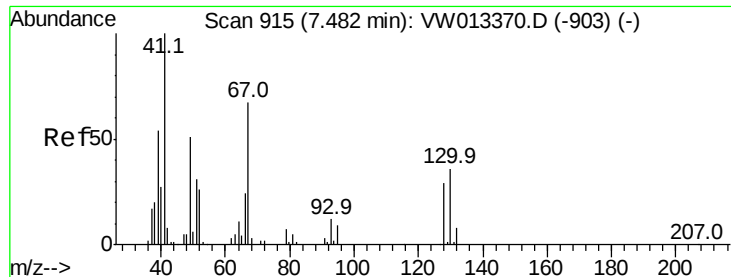
Tot Ion: 83 Resp: 322795
Ion Ratio Lower Upper
83 100
55 72.2 60.4 90.6
98 48.6 40.0 60.0



#40
Benzene
Concen: 48.882 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion: 78 Resp: 684544
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

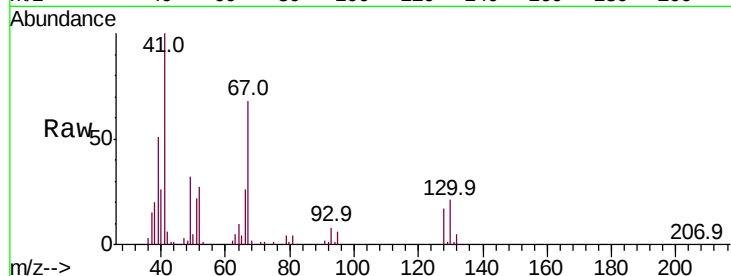




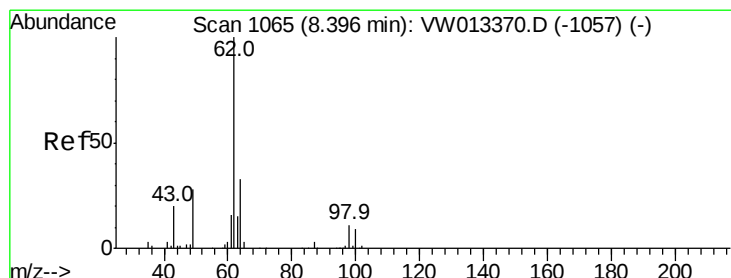
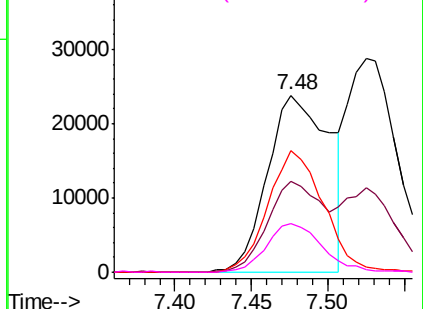
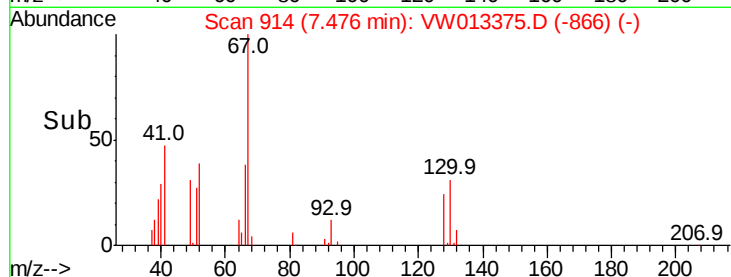
#41
Methacrylonitrile
Concen: 51.121 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 67296
Ion Ratio Lower Upper
41 100
39 44.7 45.9 68.9#
67 61.6 54.5 81.7
52 24.7 22.5 33.7

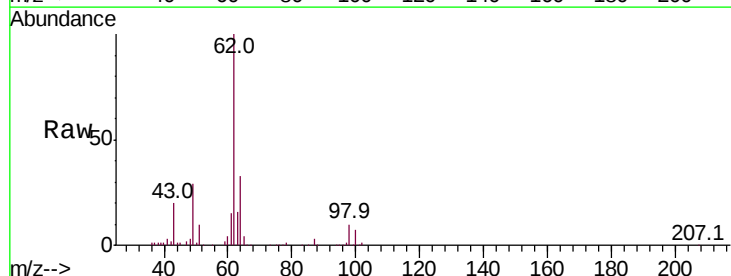


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

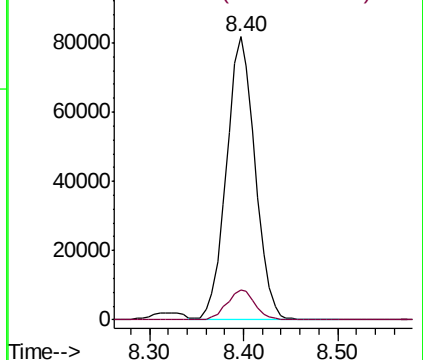
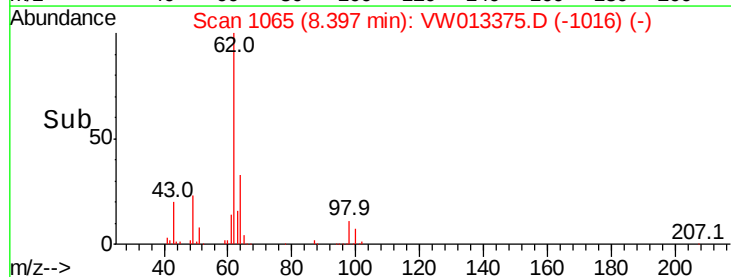


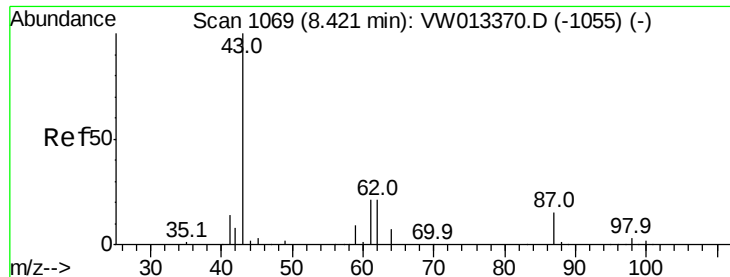
#42
1,2-Dichloroethane
Concen: 47.740 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion: 62 Resp: 171828
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.6



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





#43

Isopropyl Acetate

Concen: 45.414 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

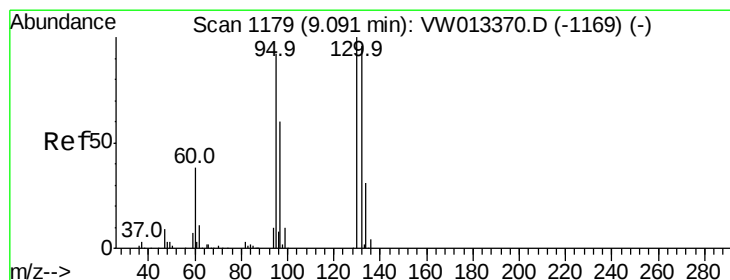
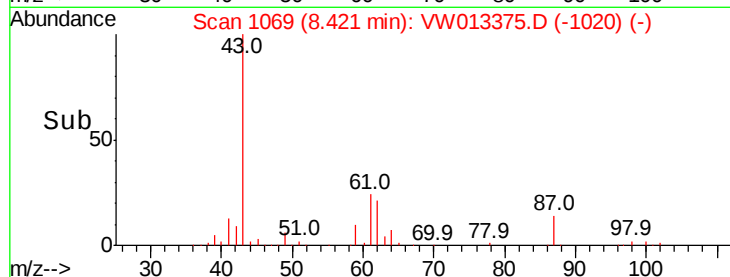
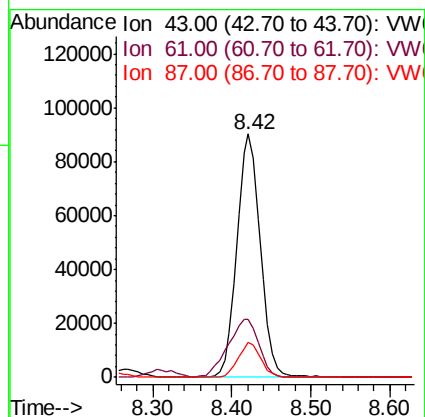
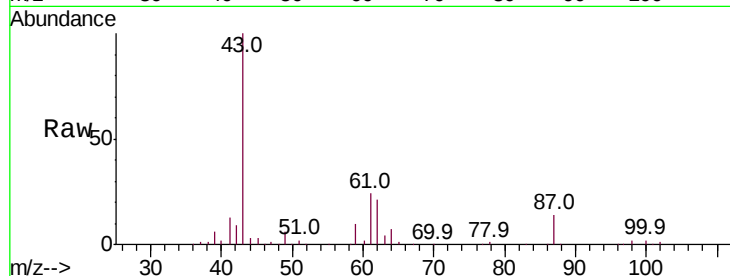
Tot Ion: 43 Resp: 186615

Ion Ratio Lower Upper

43 100

61 31.5 25.5 38.3

87 13.8 11.0 16.4



#44

Trichloroethene

Concen: 49.613 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013375.D

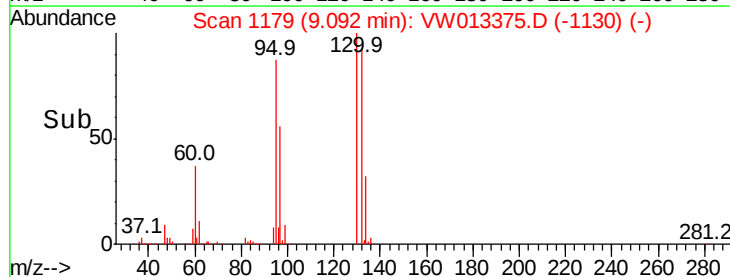
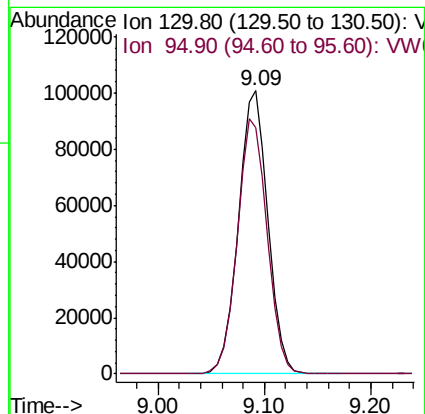
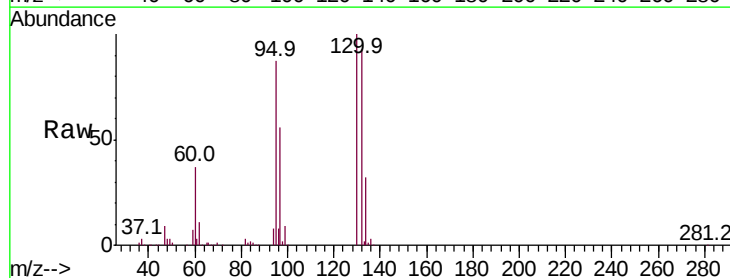
Acq: 02 Oct 2019 12:55

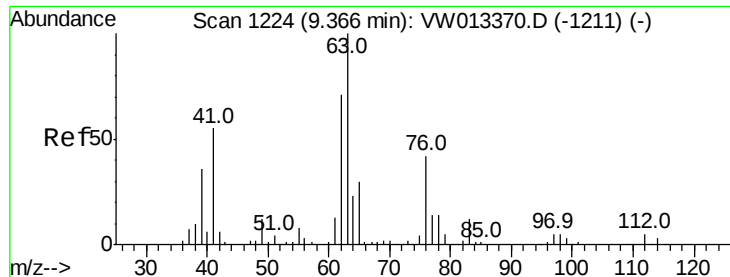
Tgt Ion:130 Resp: 195650

Ion Ratio Lower Upper

130 100

95 87.2 0.0 188.0

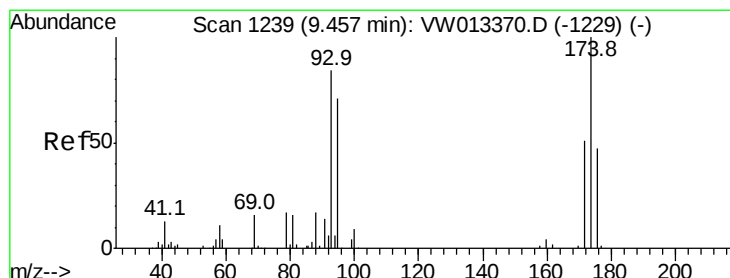
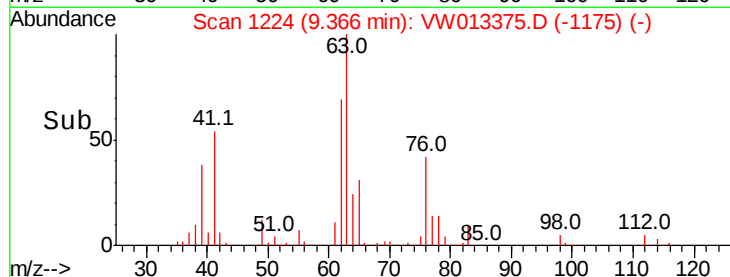
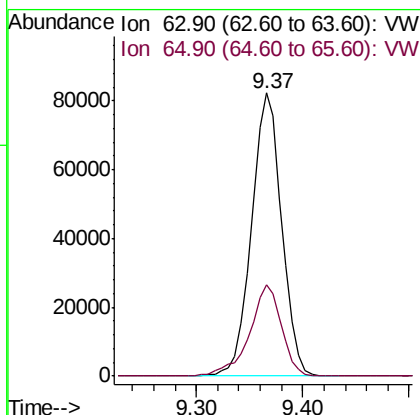
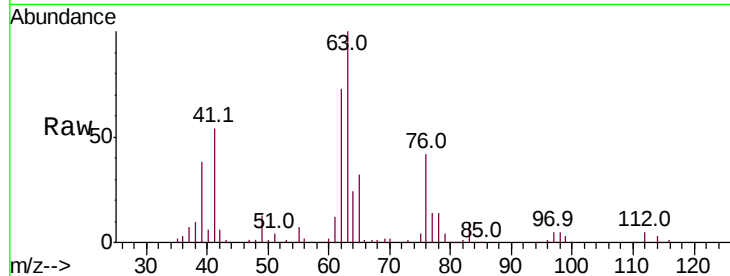




#45
 1,2-Dichloropropane
 Concen: 48.511 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

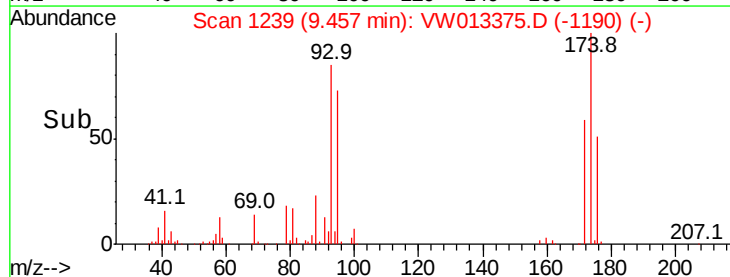
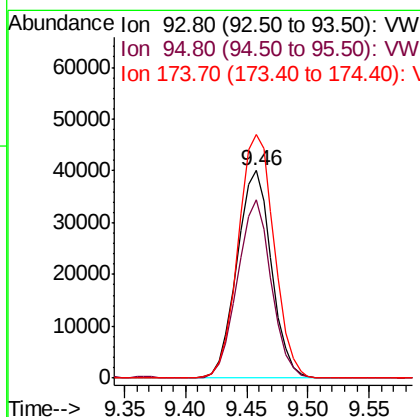
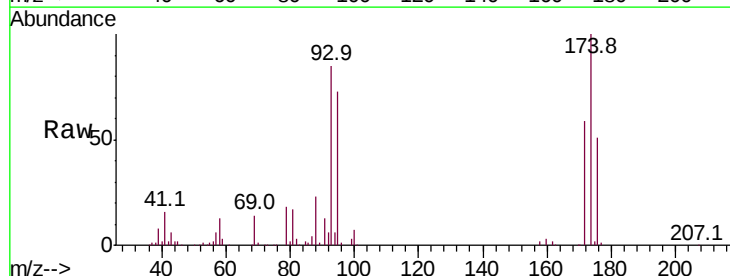
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

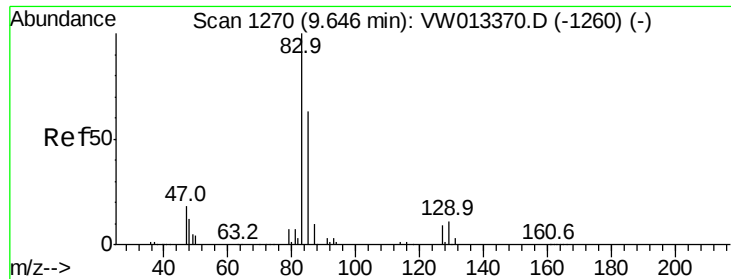
Tot Ion: 63 Resp: 163109
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.3 37.9



#46
 Dibromomethane
 Concen: 46.787 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion: 93 Resp: 78355
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.4 99.6
 174 122.2 93.0 139.6





#47

Bromodichloromethane

Concen: 49.628 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

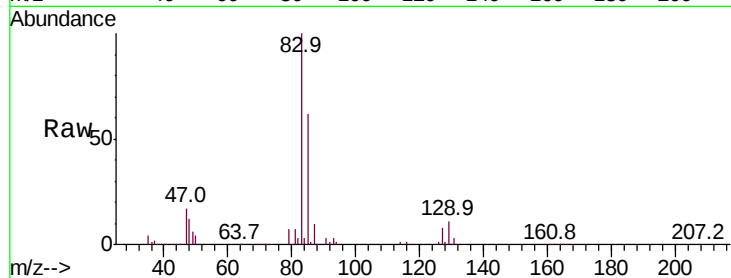
Tot Ion: 83 Resp: 204603

Ion Ratio Lower Upper

83 100

85 62.2 49.4 74.2

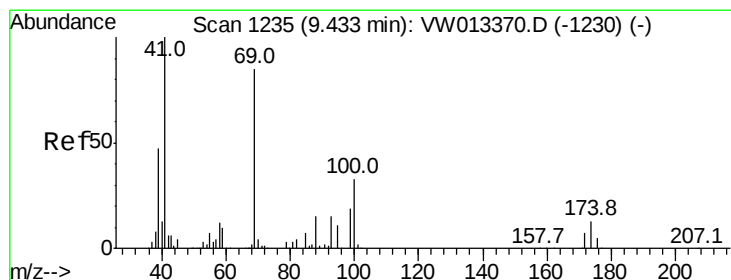
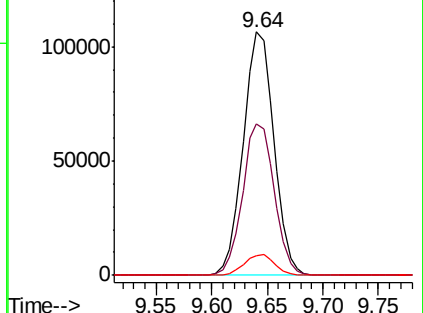
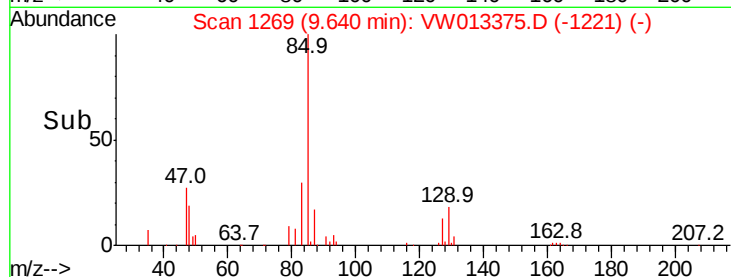
127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 47.333 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

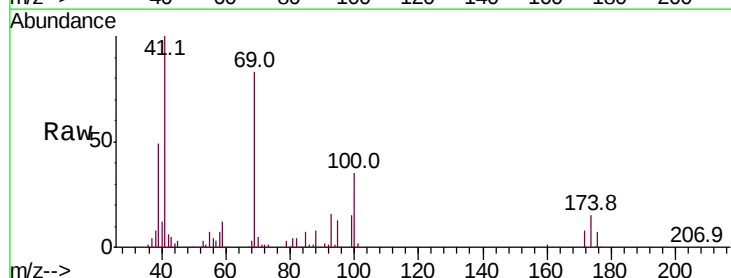
Tgt Ion: 41 Resp: 93456

Ion Ratio Lower Upper

41 100

69 83.3 69.7 104.5

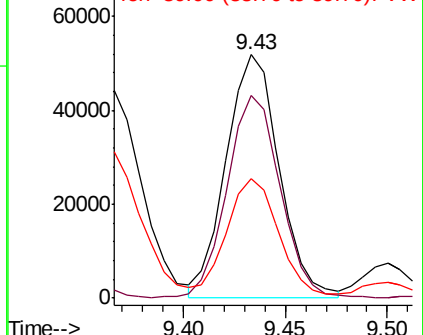
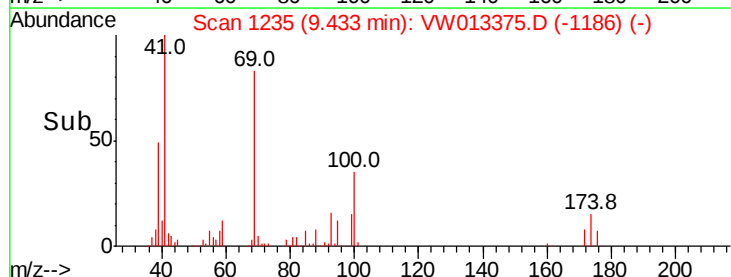
39 45.5 41.1 61.7

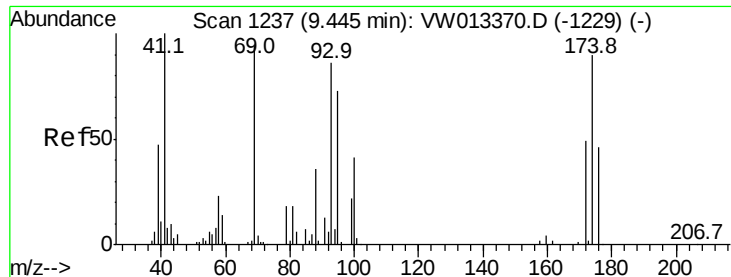


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 935.881 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

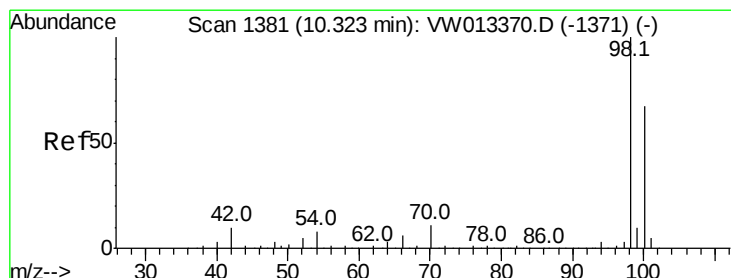
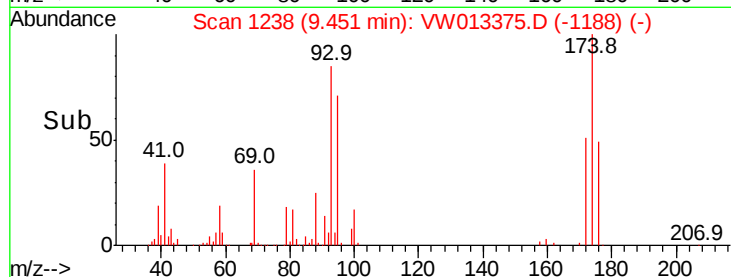
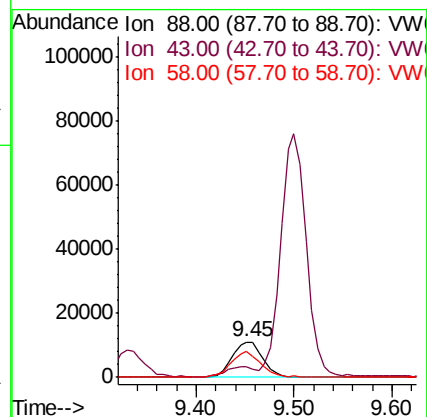
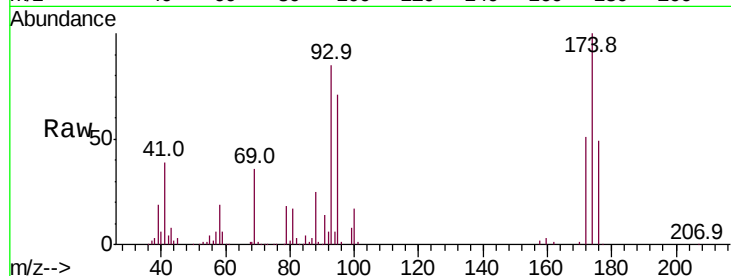
Tot Ion: 88 Resp: 24205

Ion Ratio Lower Upper

88 100

43 27.8 0.0 0.0#

58 71.6 65.4 98.0



#50

Toluene-d8

Concen: 53.448 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013375.D

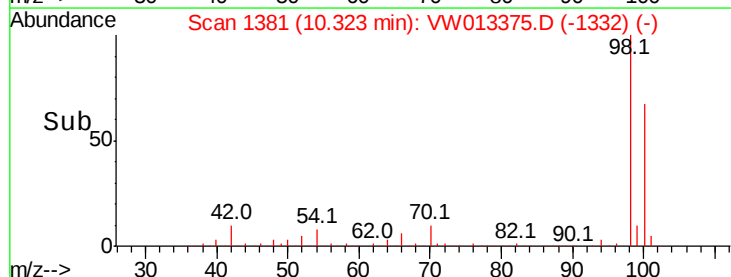
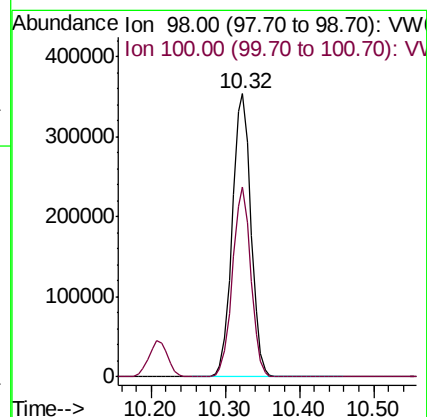
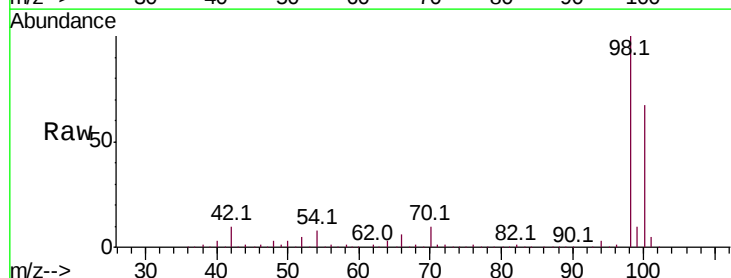
Acq: 02 Oct 2019 12:55

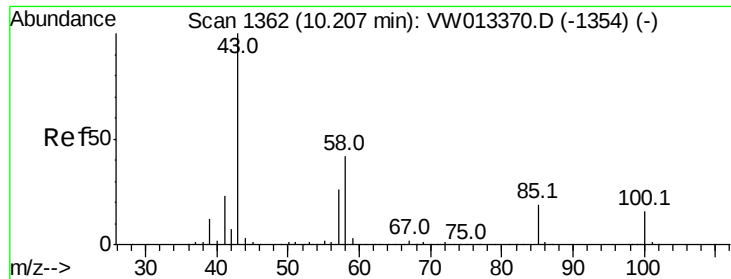
Tgt Ion: 98 Resp: 619881

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 218.104 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

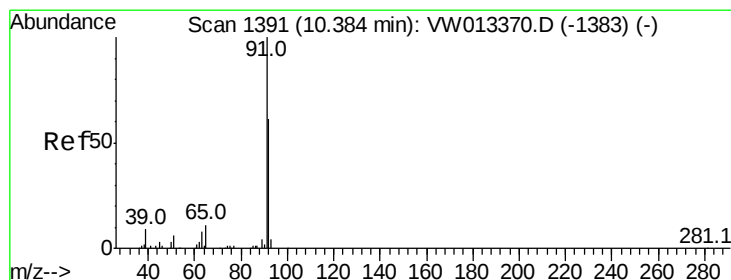
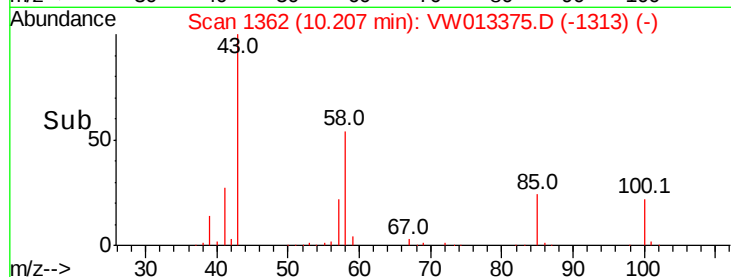
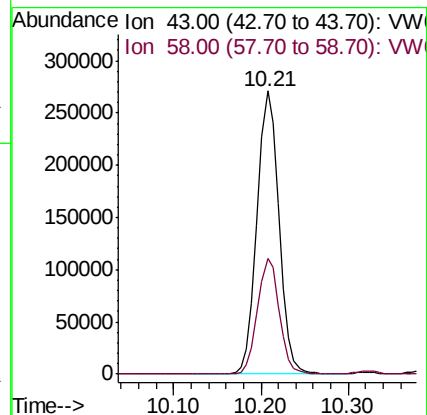
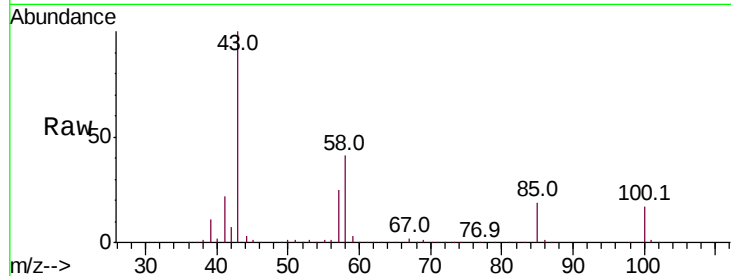
VSTDCCC050

Tot Ion: 43 Resp: 470879

Ion Ratio Lower Upper

43 100

58 40.5 31.7 47.5



#52

Toluene

Concen: 48.960 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013375.D

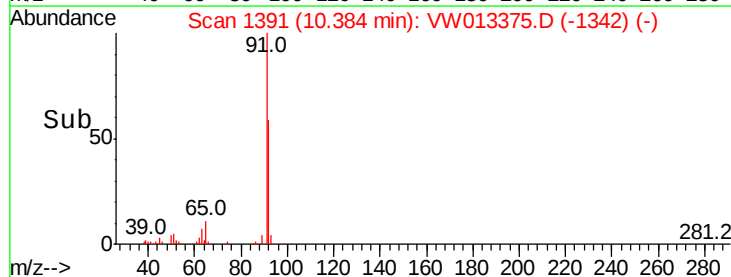
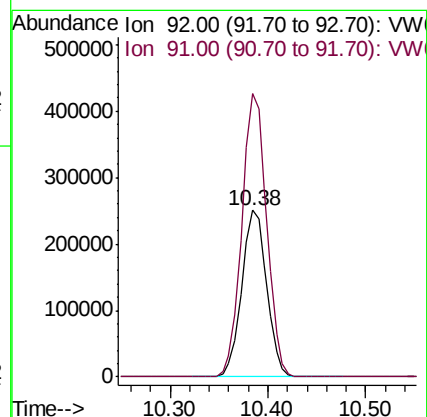
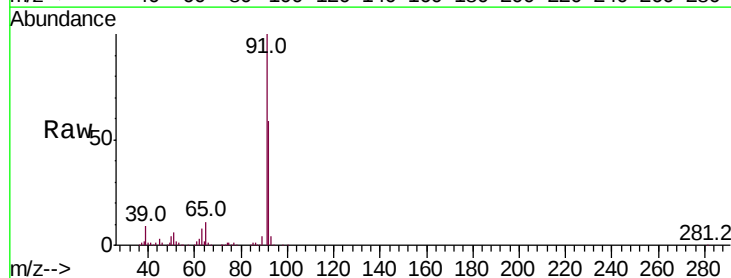
Acq: 02 Oct 2019 12:55

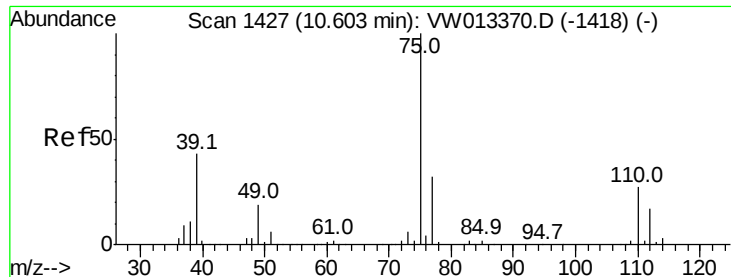
Tgt Ion: 92 Resp: 442228

Ion Ratio Lower Upper

92 100

91 169.7 135.7 203.5

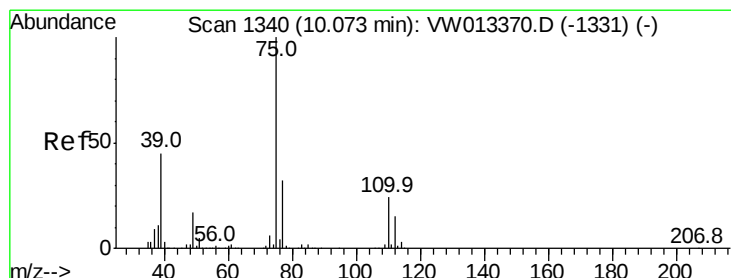
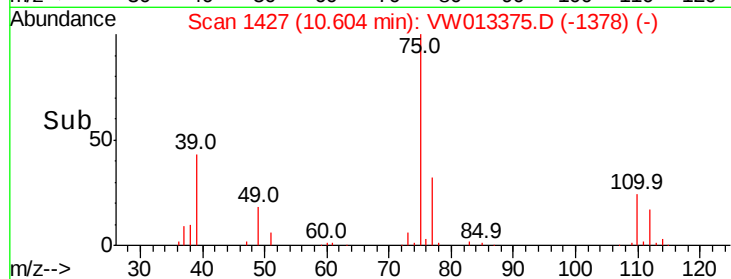
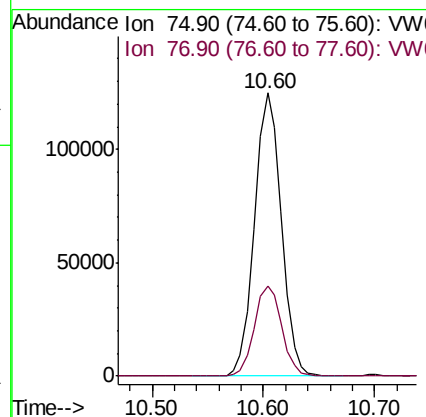
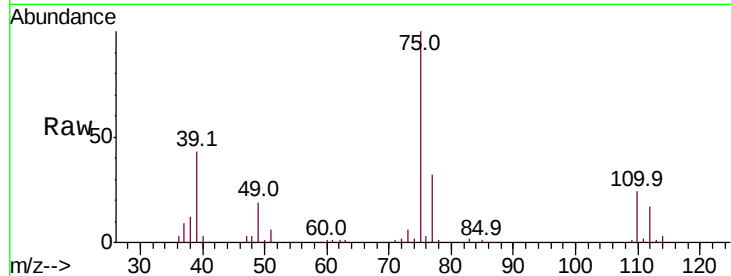




#53
 t-1,3-Dichloropropene
 Concen: 48.981 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

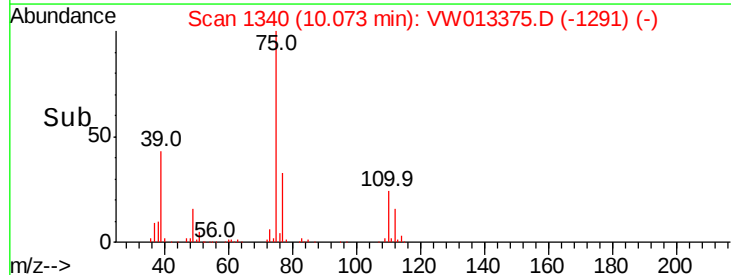
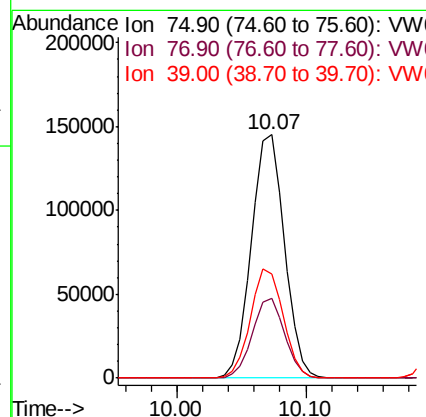
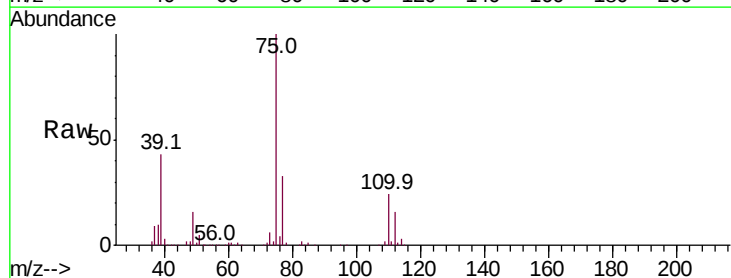
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

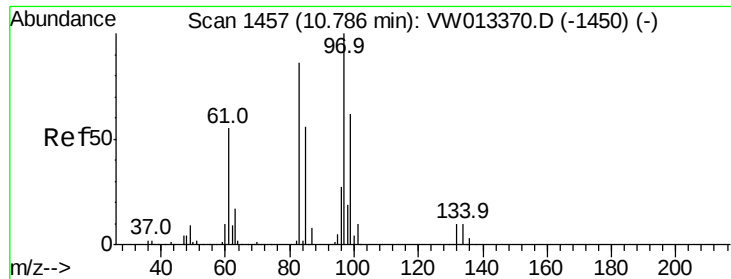
Tot Ion: 75 Resp: 210047
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 49.468 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion: 75 Resp: 257199
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.2 37.8
 39 42.7 36.6 55.0



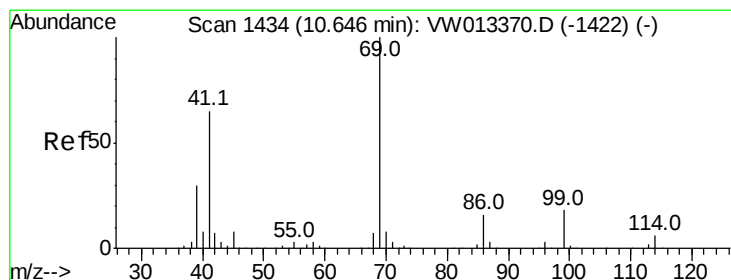
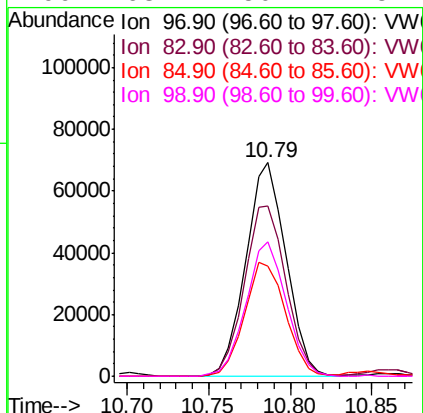
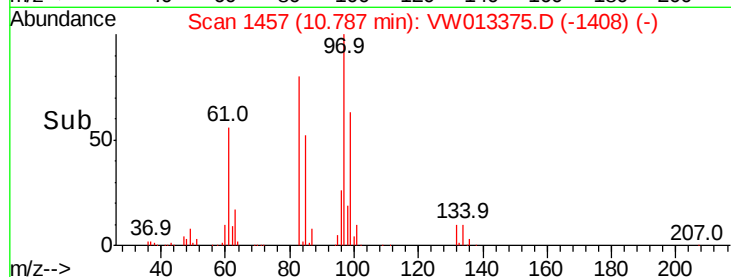
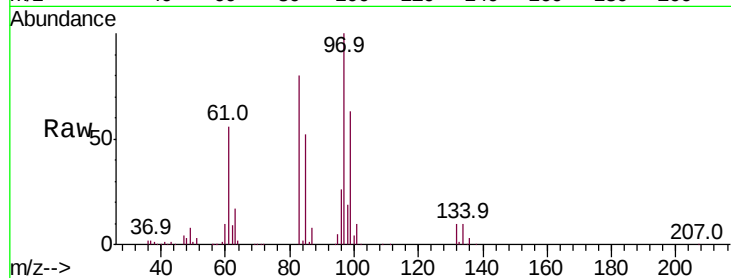


#55
 1,1,2-Trichloroethane
 Concen: 47.213 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 117953

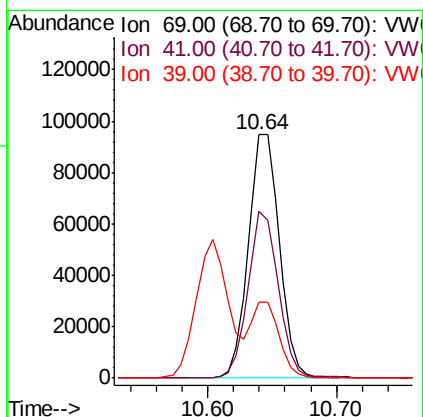
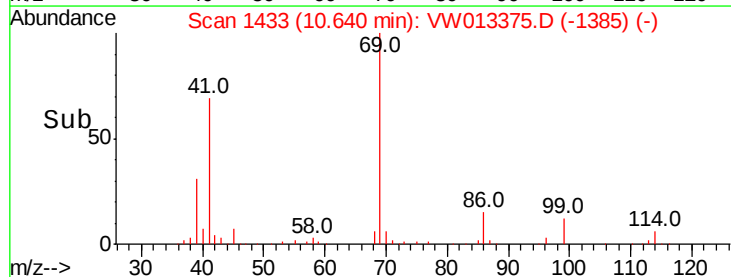
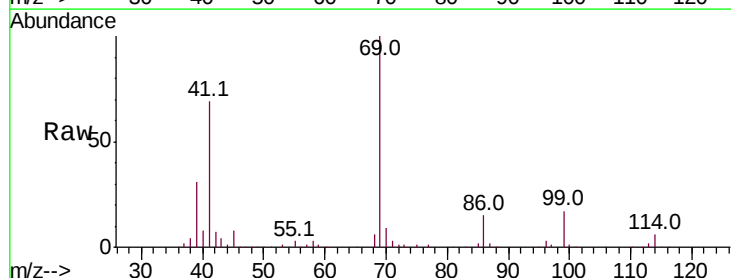
Ion	Ratio	Lower	Upper
97	100		
83	80.0	67.6	101.4
85	51.8	41.9	62.9
99	63.2	50.1	75.1

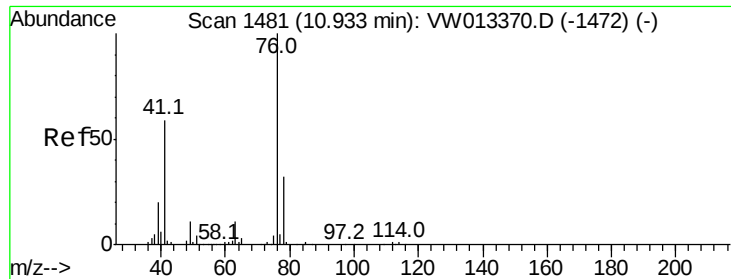


#56
 Ethyl methacrylate
 Concen: 46.709 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion: 69 Resp: 157068

Ion	Ratio	Lower	Upper
69	100		
41	66.6	53.9	80.9
39	27.6	23.8	35.6

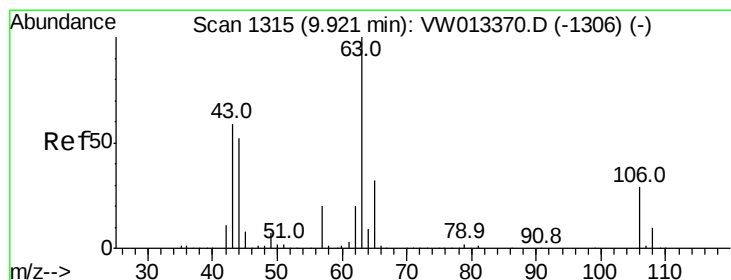
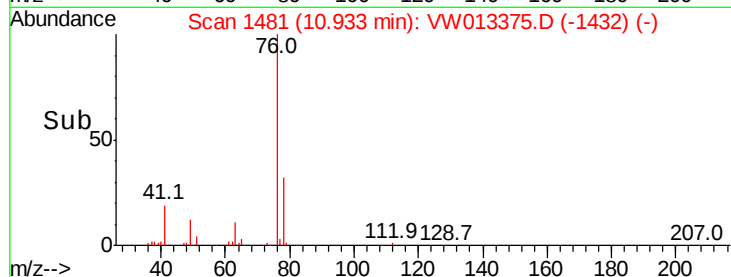
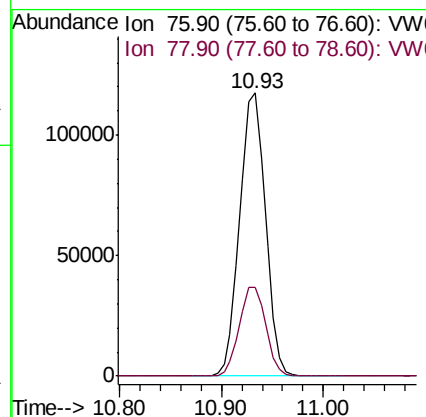
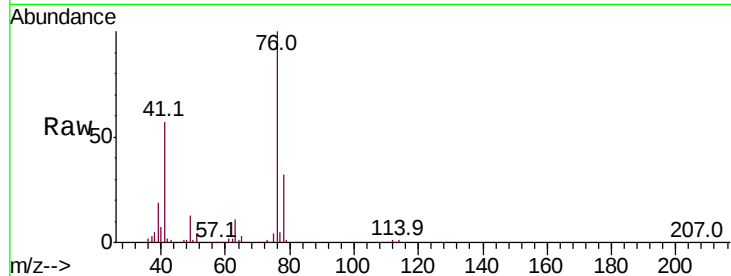




#57
 1,3-Dichloropropane
 Concen: 47.319 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

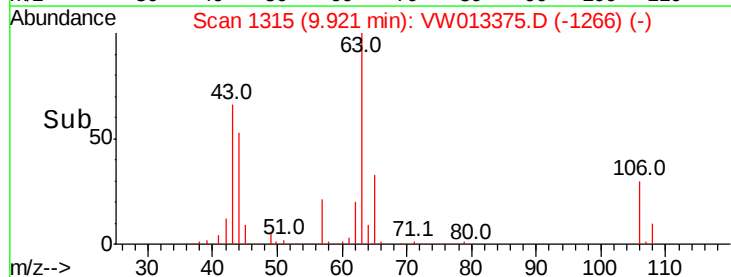
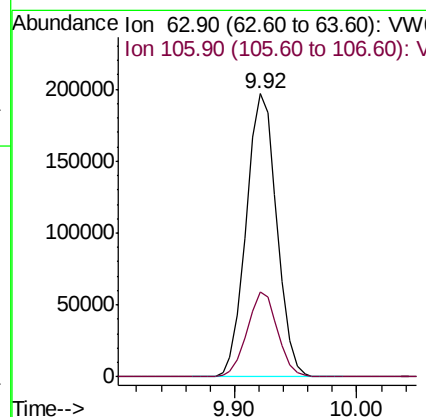
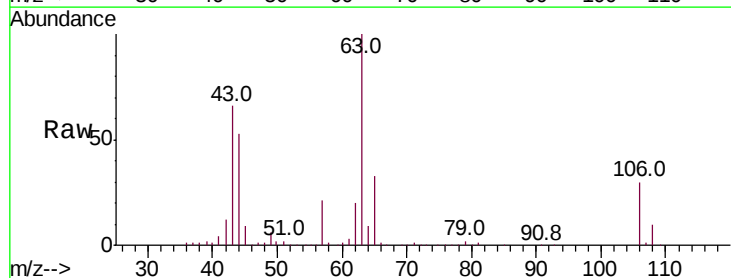
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

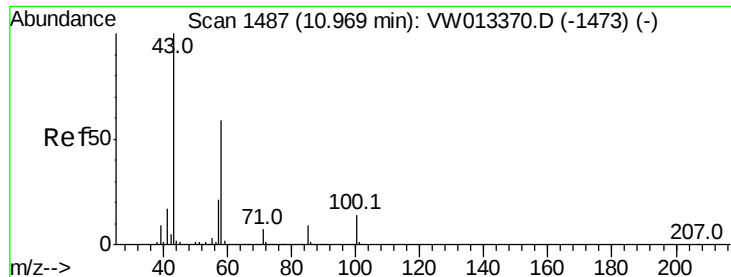
Tot Ion: 76 Resp: 205516
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.096 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion: 63 Resp: 341321
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.4 35.0

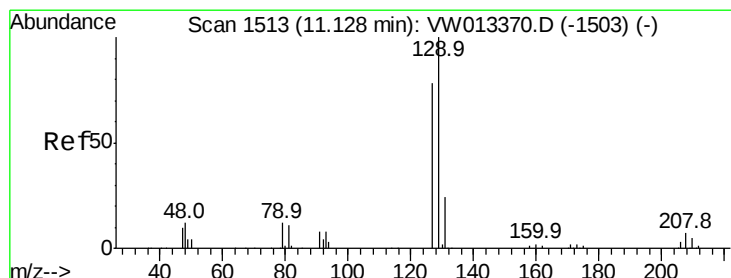
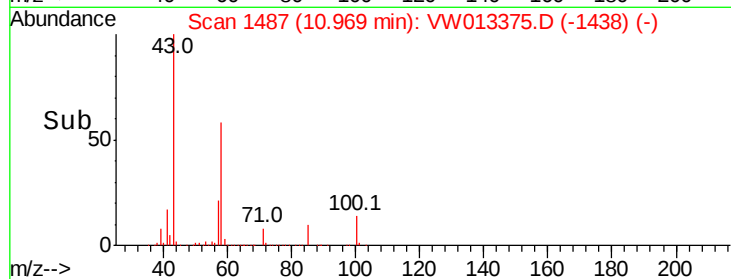
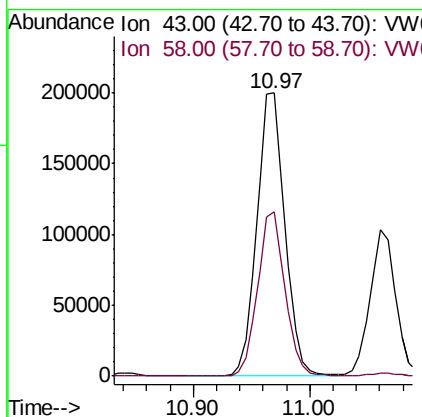
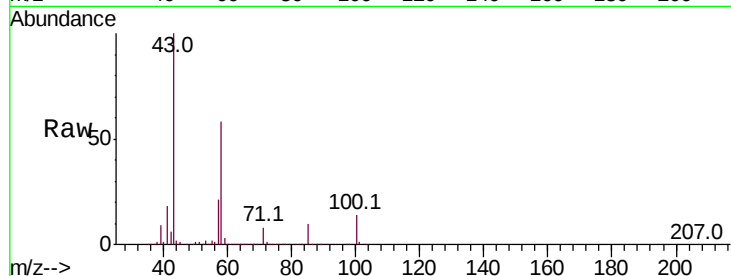




#59
2-Hexanone
Concen: 223.126 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

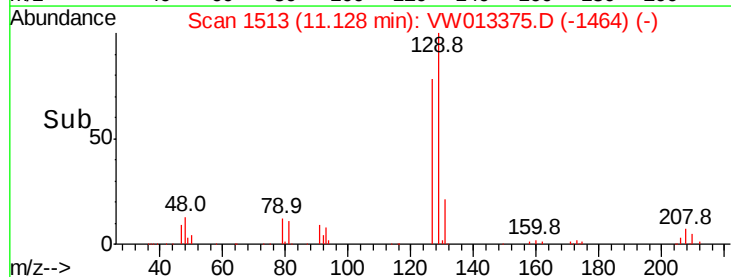
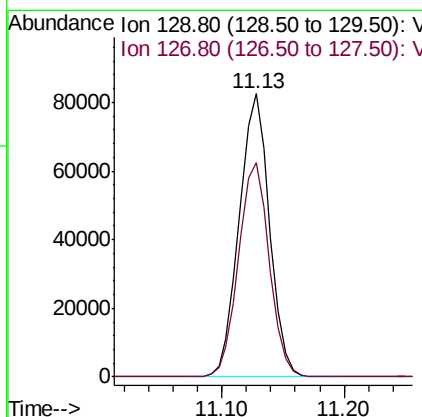
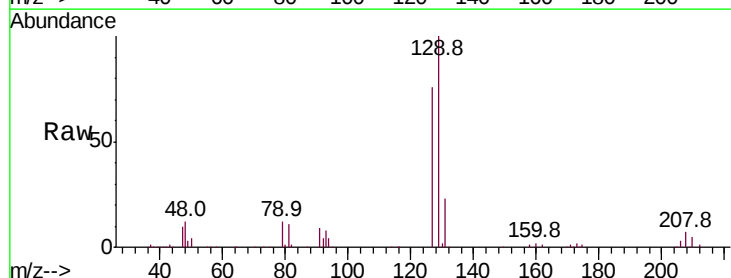
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

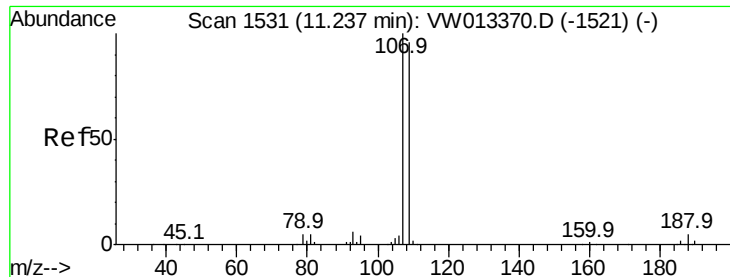
Tot Ion: 43 Resp: 333894
Ion Ratio Lower Upper
43 100
58 56.9 28.1 84.2



#60
Dibromochloromethane
Concen: 49.484 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion: 129 Resp: 141430
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





#61

1,2-Dibromoethane

Concen: 46.906 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

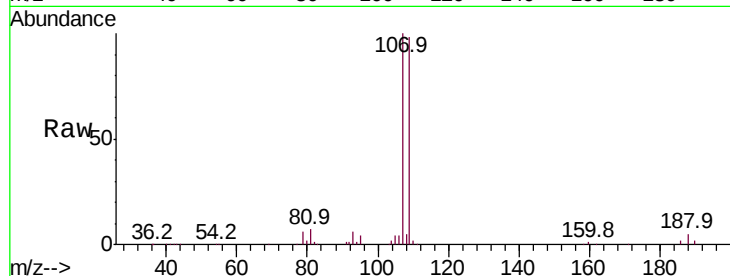
VSTDCCC050

Tot Ion:107 Resp: 113237

Ion Ratio Lower Upper

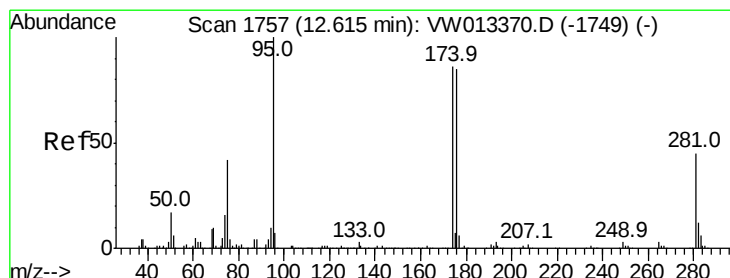
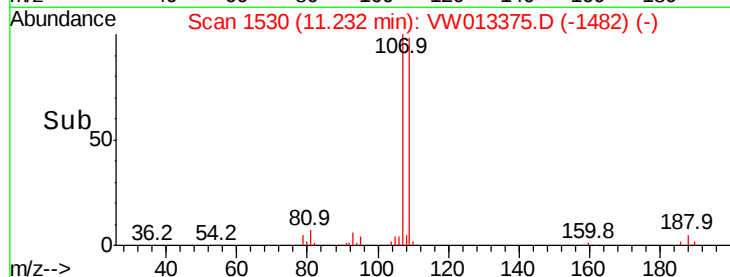
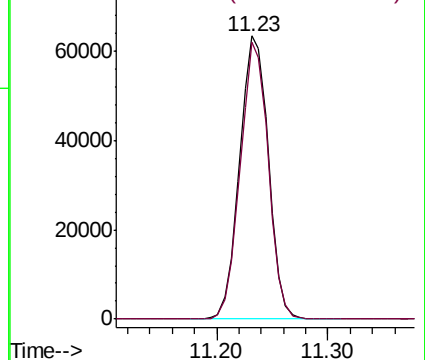
107 100

109 95.1 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.512 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

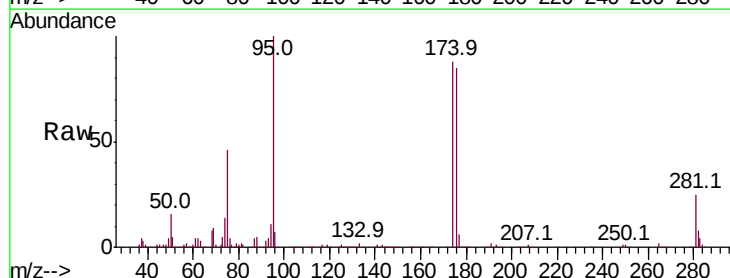
Tgt Ion: 95 Resp: 211122

Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.4

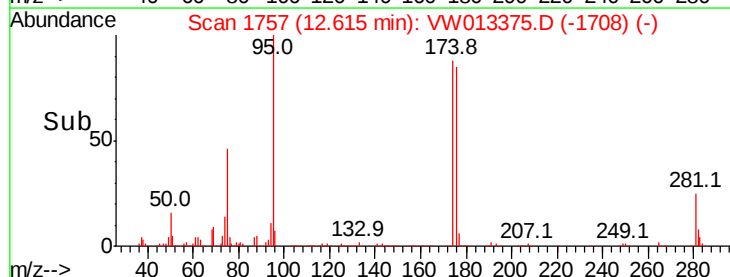
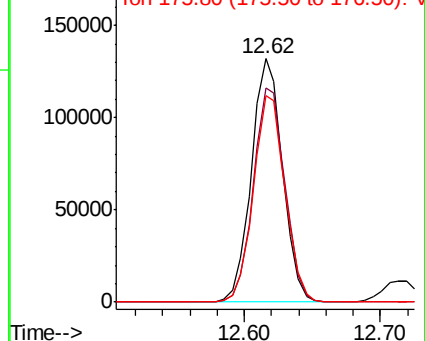
176 86.4 0.0 172.2

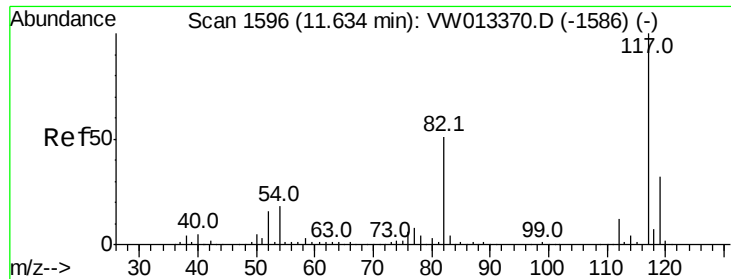


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

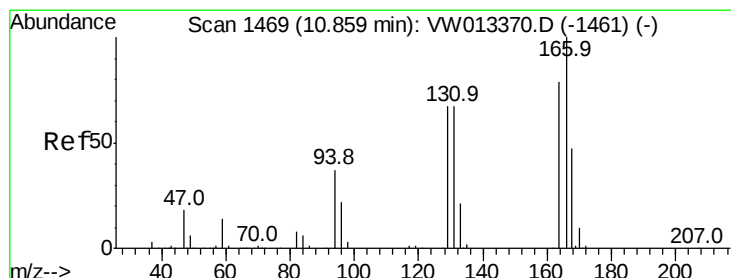
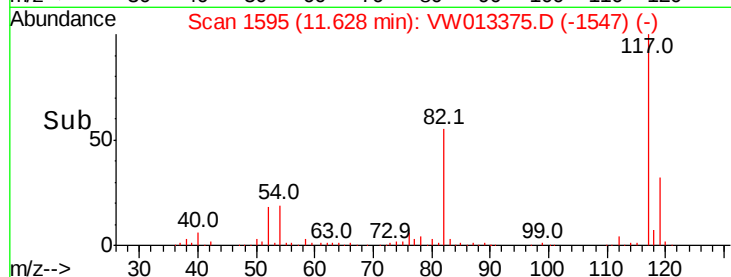
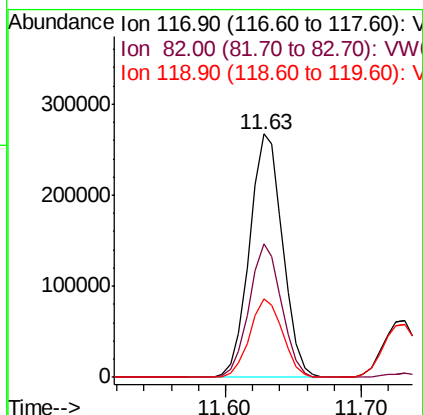
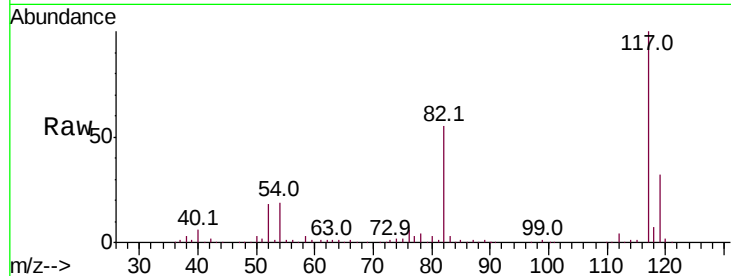




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

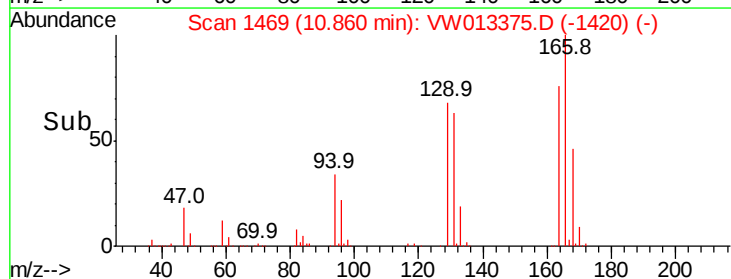
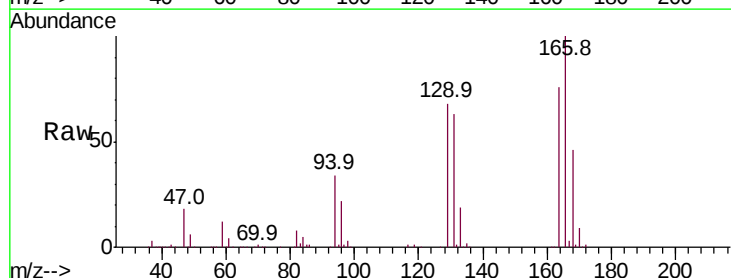
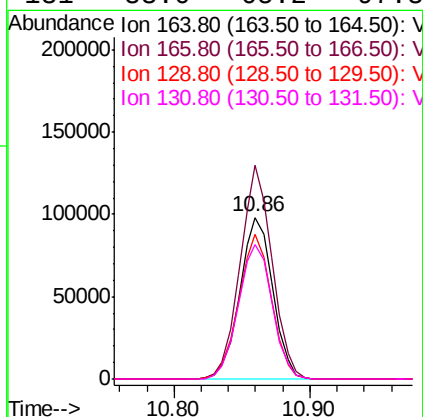
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

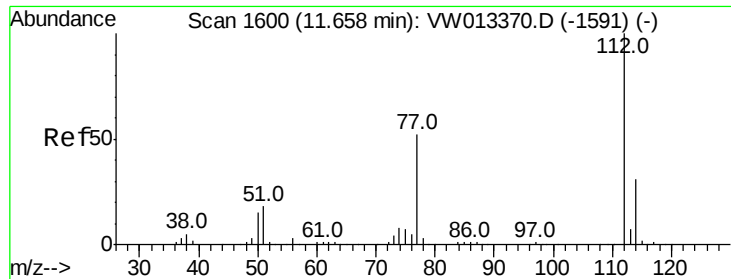
Tot Ion:117 Resp: 455436
Ion Ratio Lower Upper
117 100
82 54.6 45.9 68.9
119 32.0 26.2 39.2



#64
Tetrachloroethene
Concen: 47.812 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion:164 Resp: 165666
Ion Ratio Lower Upper
164 100
166 131.9 101.2 151.8
129 89.6 68.8 103.2
131 83.0 65.2 97.8

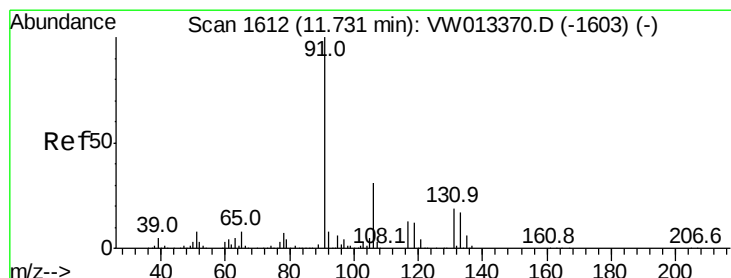
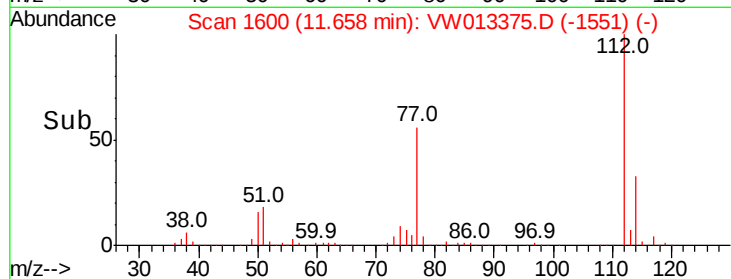
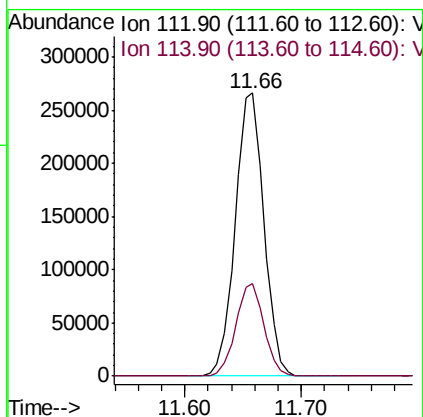
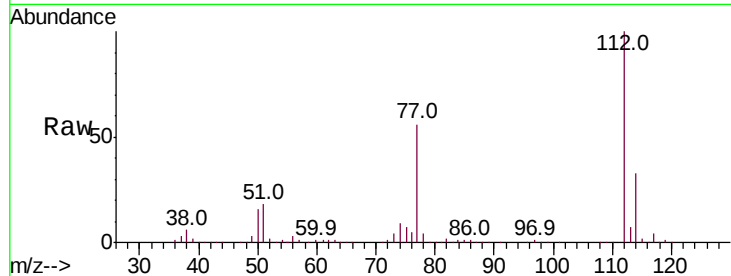




#65
Chlorobenzene
Concen: 48.877 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

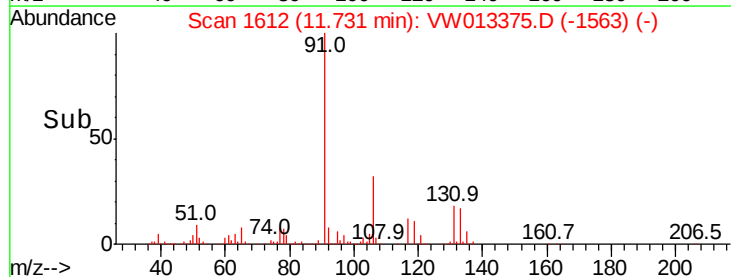
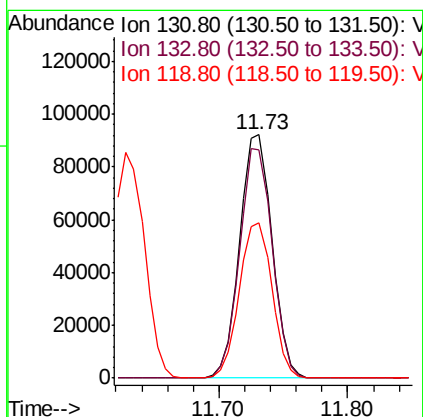
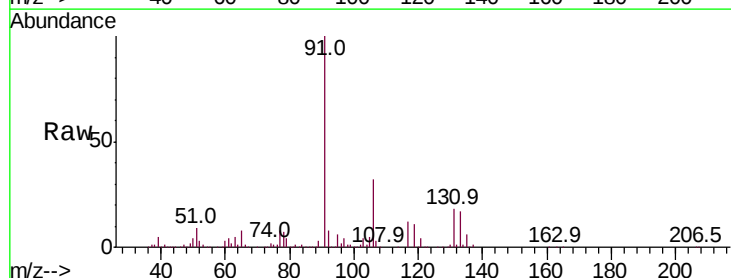
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

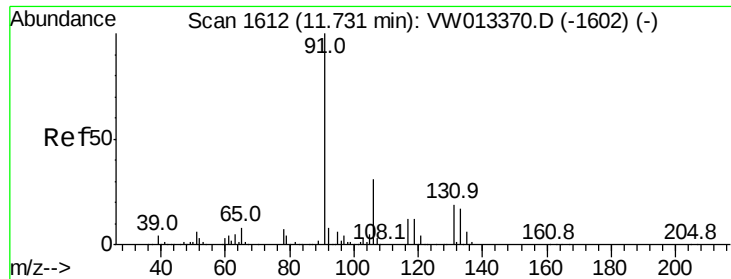
Tot Ion:112 Resp: 456050
Ion Ratio Lower Upper
112 100
114 32.7 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.515 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion:131 Resp: 160532
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 64.4 32.5 97.5

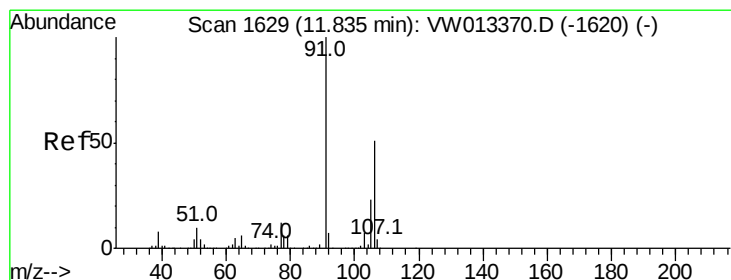
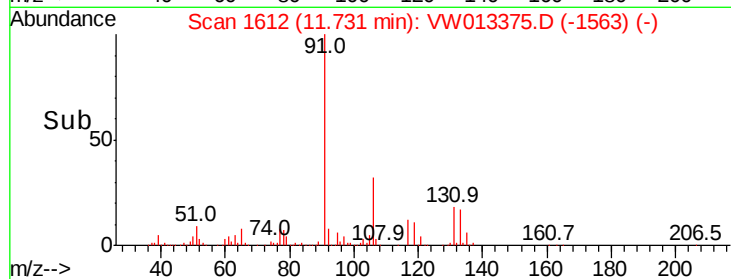
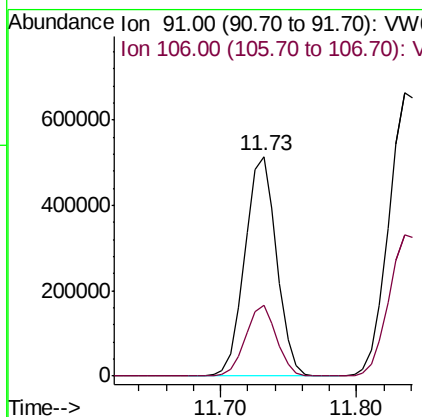
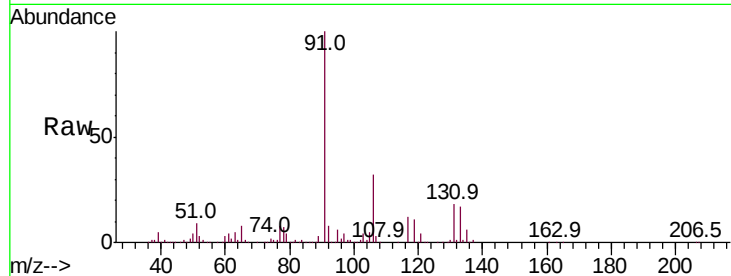




#67
Ethyl Benzene
Concen: 50.196 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

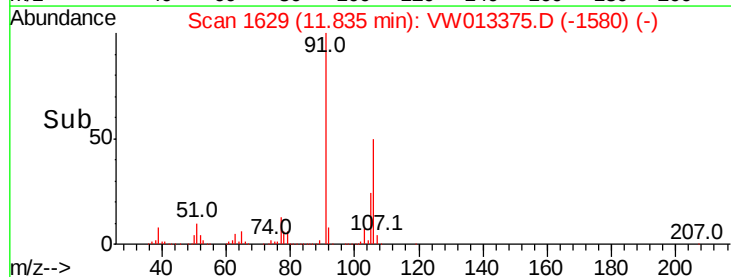
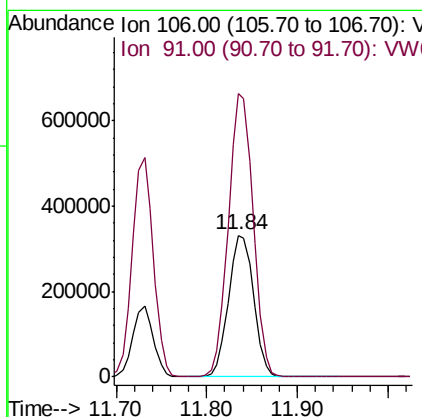
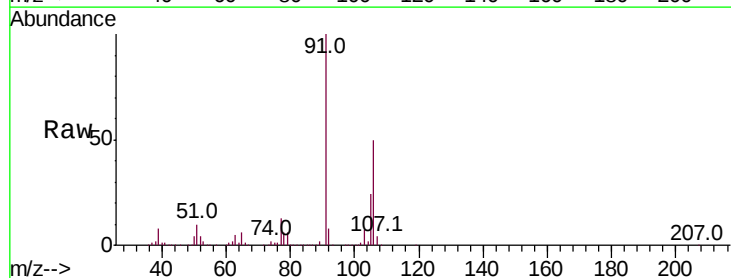
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

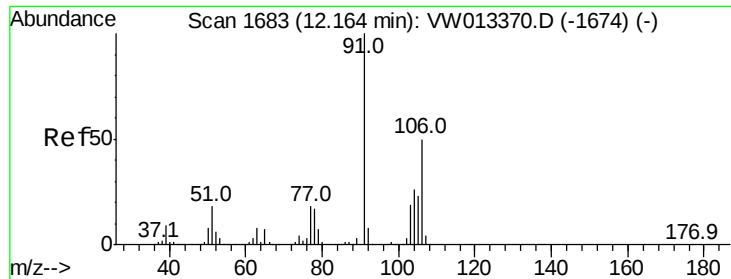
Tot Ion: 91 Resp: 839408
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3



#68
m/p-Xylenes
Concen: 99.615 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion: 106 Resp: 642985
Ion Ratio Lower Upper
106 100
91 197.4 157.9 236.9

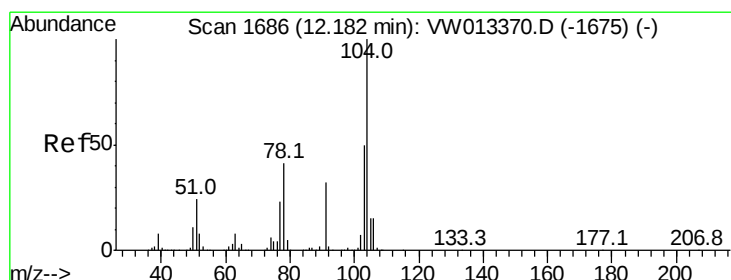
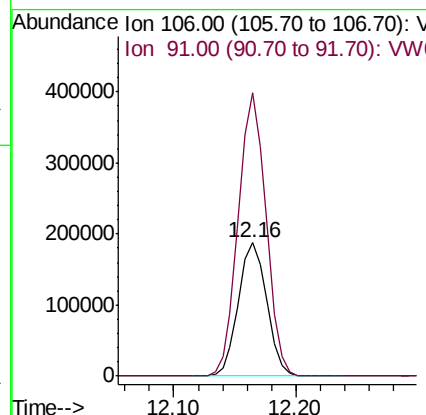
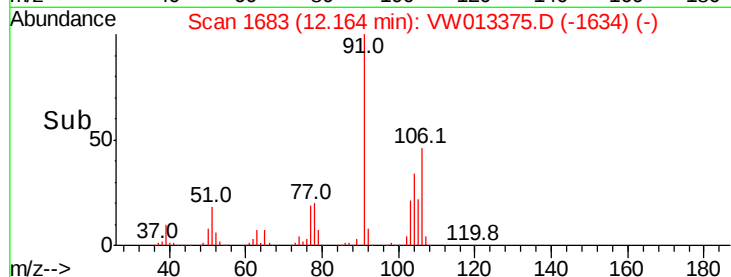
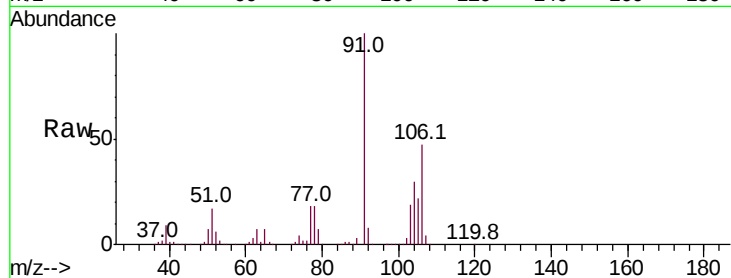




#69
o-Xylene
Concen: 50.556 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

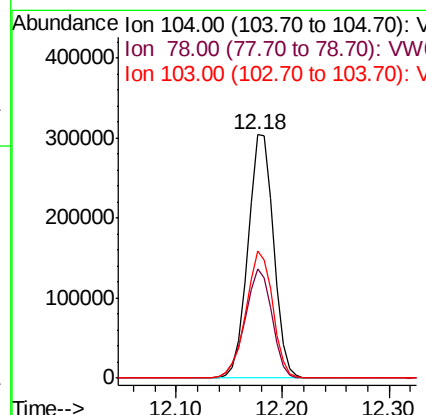
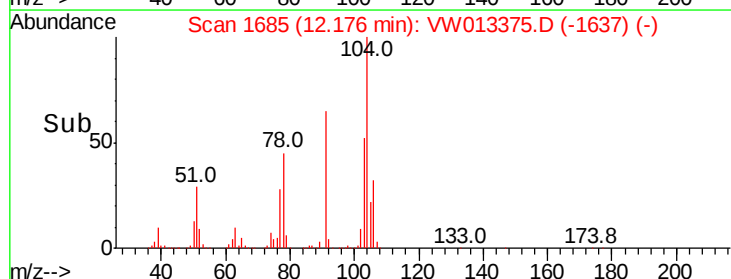
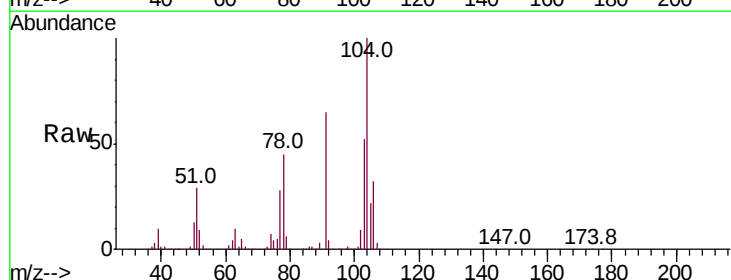
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

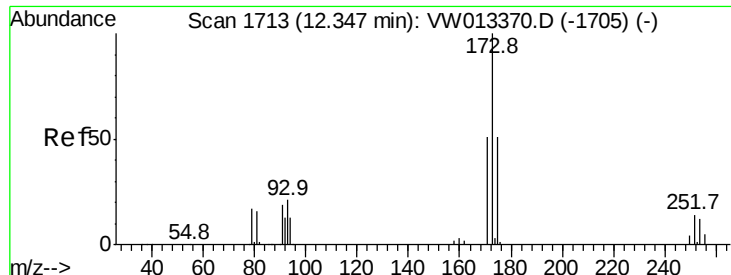
Tot Ion:106 Resp: 301714
Ion Ratio Lower Upper
106 100
91 207.9 106.5 319.5



#70
Styrene
Concen: 50.540 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion:104 Resp: 515596
Ion Ratio Lower Upper
104 100
78 47.3 38.4 57.6
103 54.3 43.3 64.9

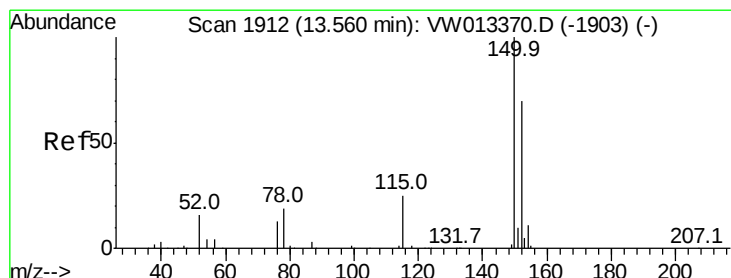
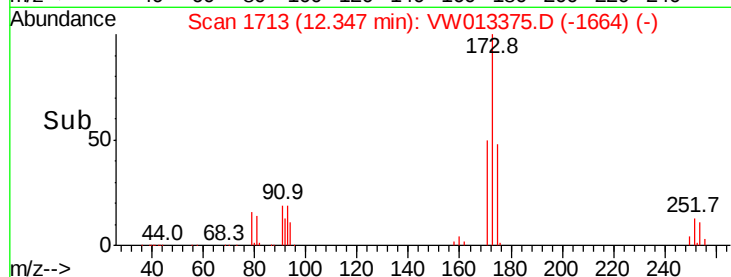
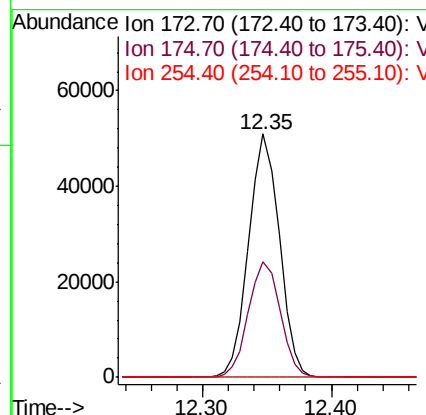
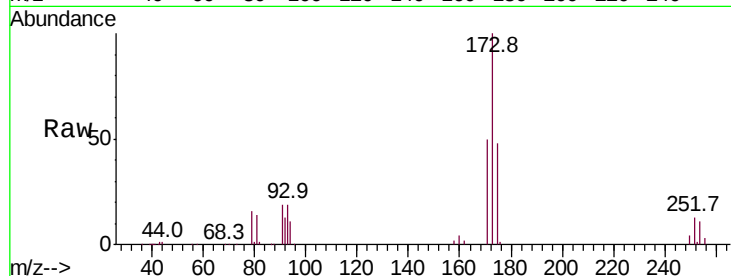




#71
Bromoform
Concen: 48.966 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

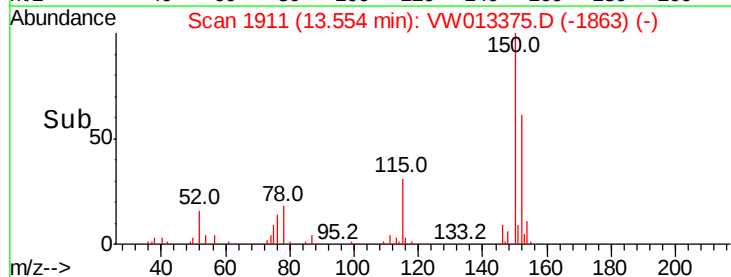
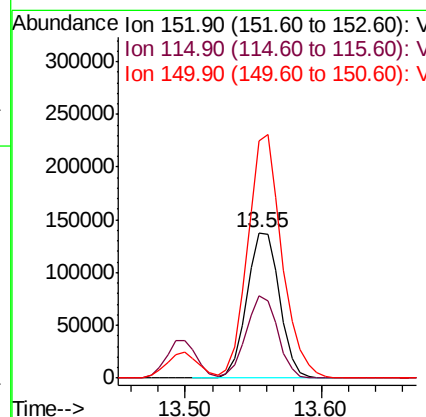
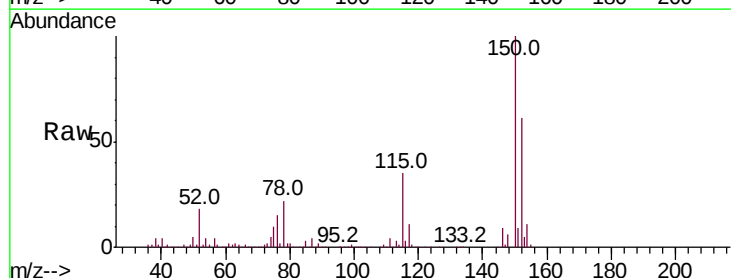
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

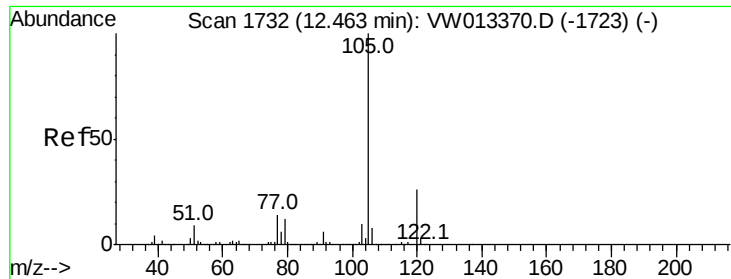
Tot Ion:173 Resp: 84367
Ion Ratio Lower Upper
173 100
175 49.3 24.3 73.0
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion:152 Resp: 232172
Ion Ratio Lower Upper
152 100
115 54.8 27.3 81.9
150 174.5 0.0 349.0





#73

Isopropylbenzene

Concen: 48.835 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

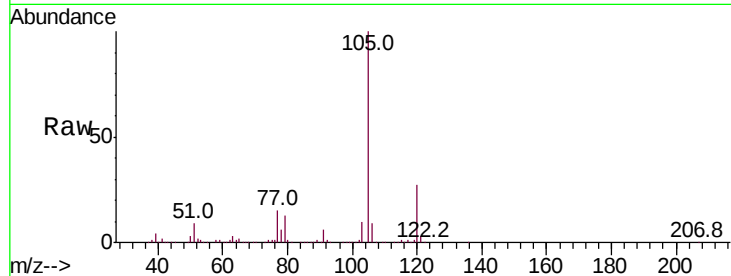
VSTDCCC050

Tot Ion:105 Resp: 829364

Ion Ratio Lower Upper

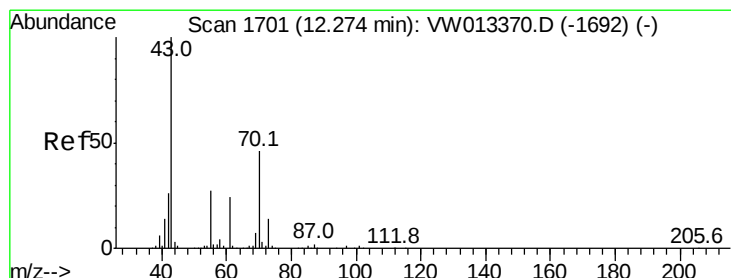
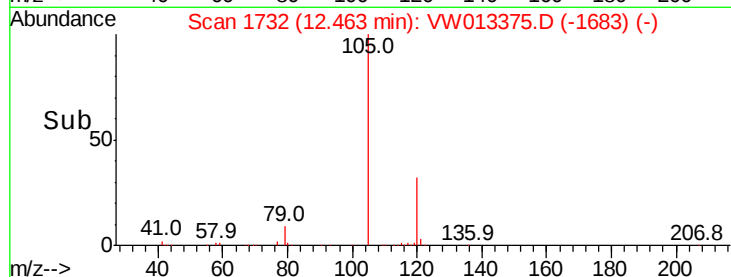
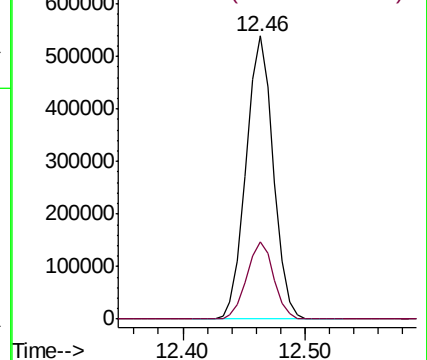
105 100

120 27.1 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.891 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Tgt Ion: 43 Resp: 169477

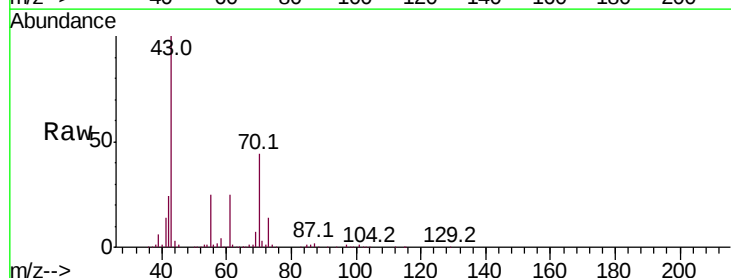
Ion Ratio Lower Upper

43 100

70 45.0 35.1 52.7

55 25.6 19.9 29.9

61 25.1 19.5 29.3

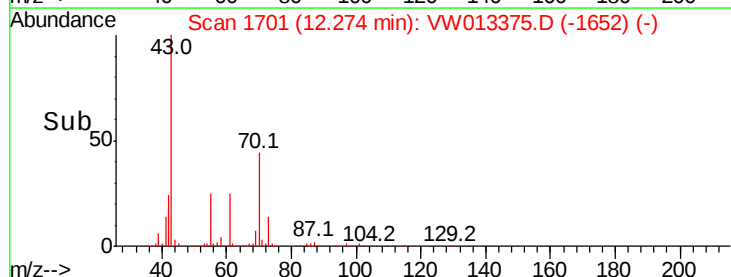
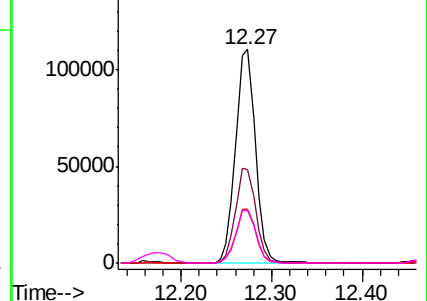


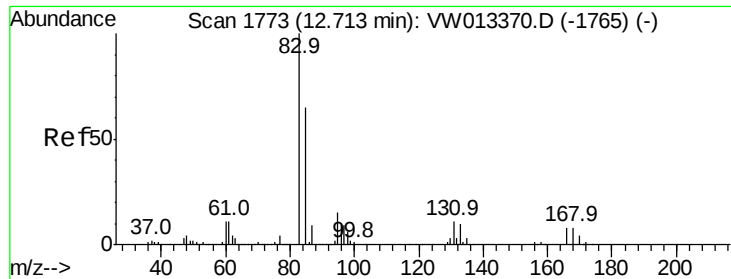
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 45.272 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

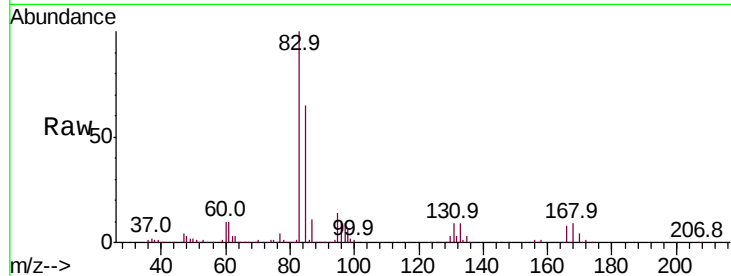
Tot Ion: 83 Resp: 130132

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

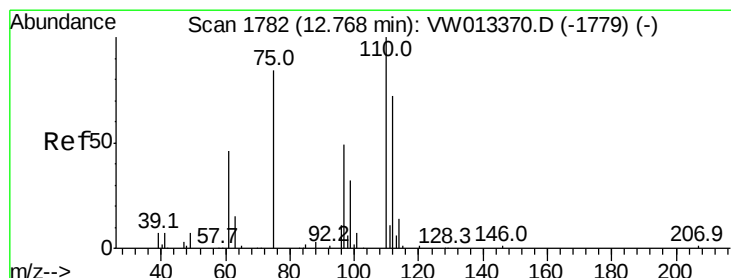
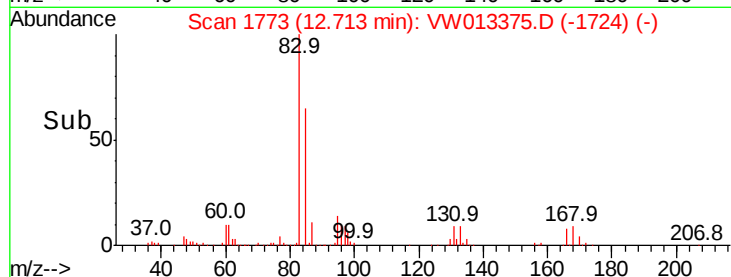
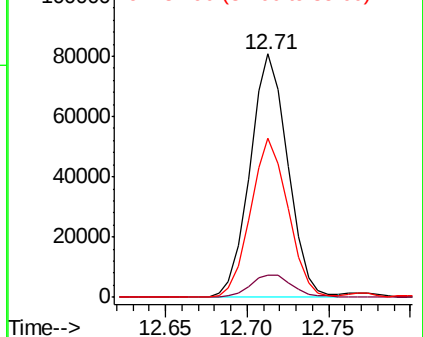
85 64.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 81.024 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW013375.D

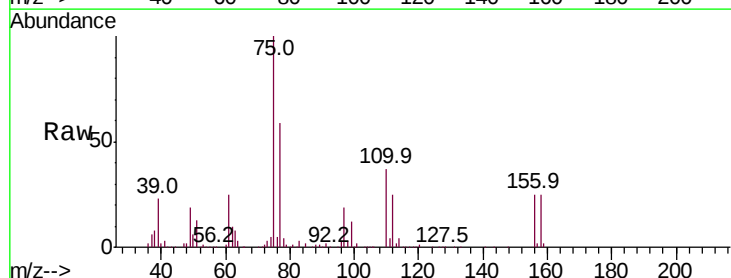
Acq: 02 Oct 2019 12:55

Tgt Ion: 75 Resp: 167191

Ion Ratio Lower Upper

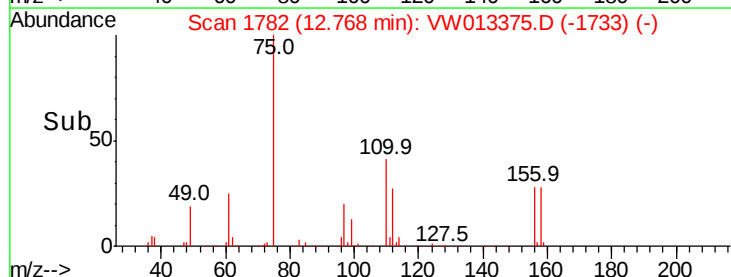
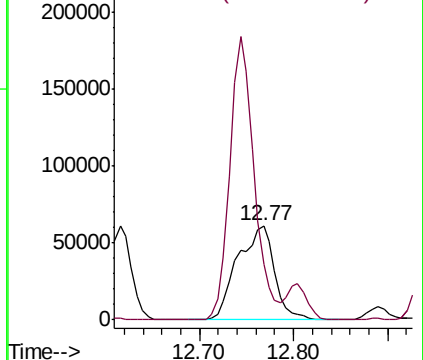
75 100

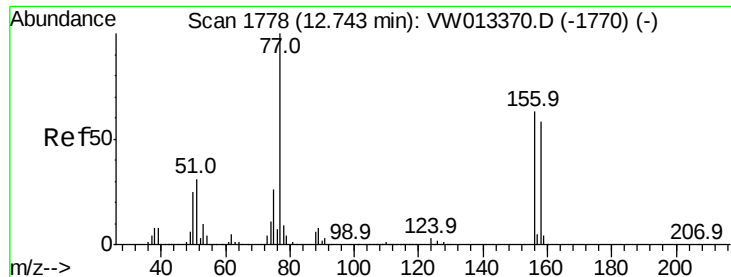
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 47.855 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

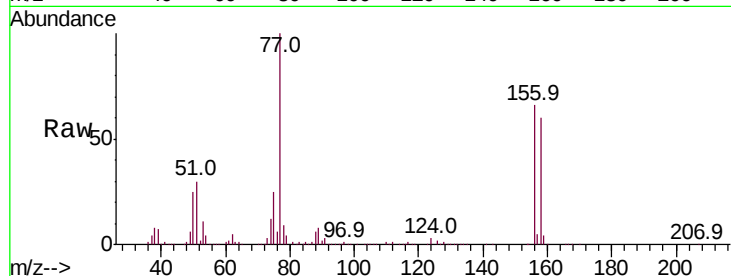
Tot Ion:156 Resp: 195146

Ion Ratio Lower Upper

156 100

77 170.3 85.7 257.1

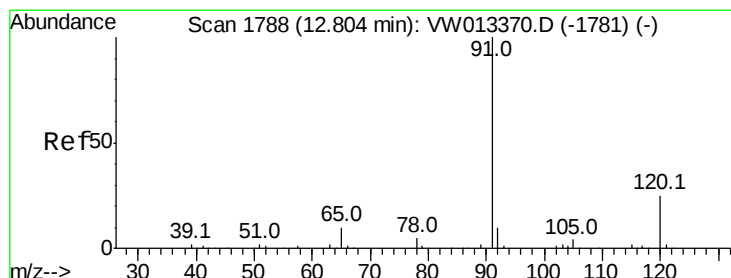
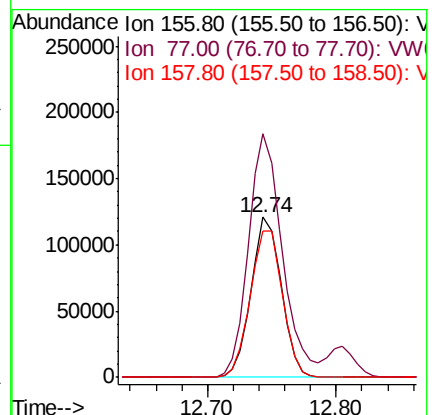
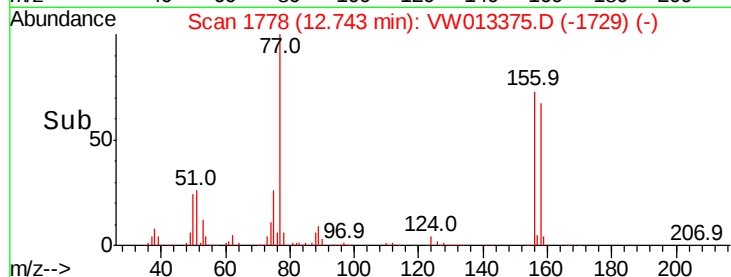
158 97.7 48.1 144.4



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: 50.015 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013375.D

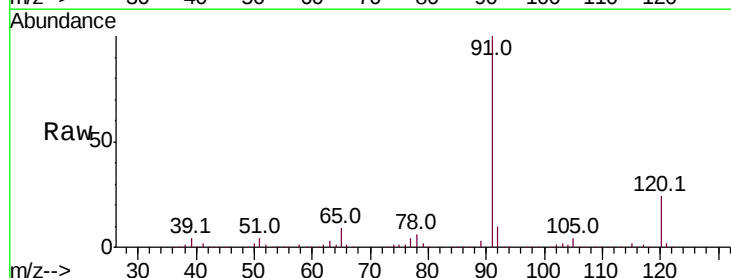
Acq: 02 Oct 2019 12:55

Tgt Ion: 91 Resp: 977044

Ion Ratio Lower Upper

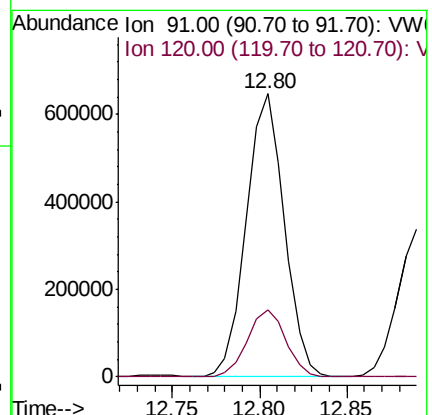
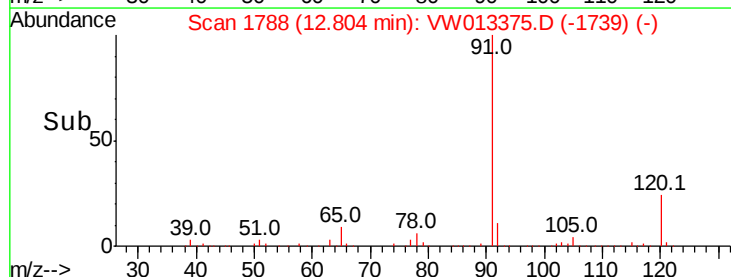
91 100

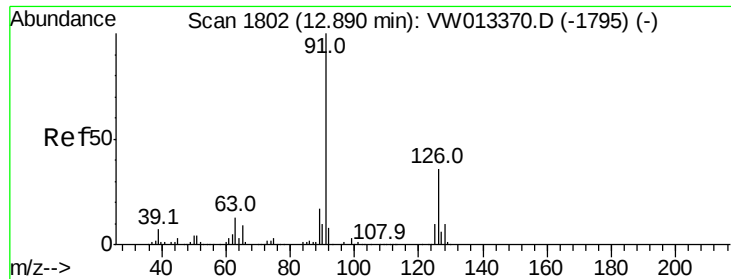
120 23.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

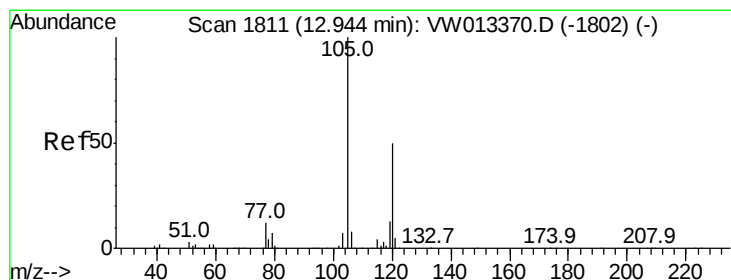
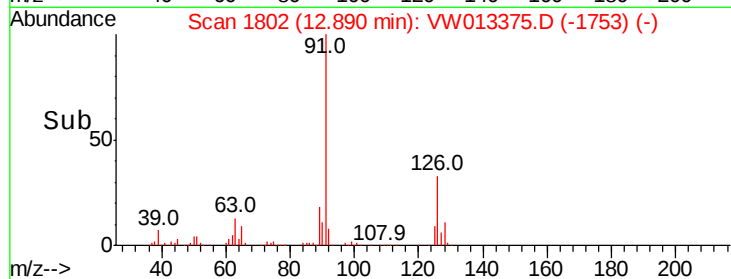
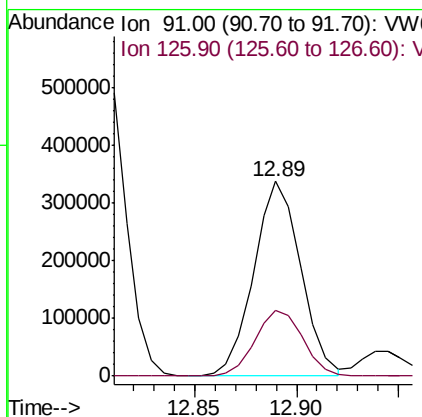
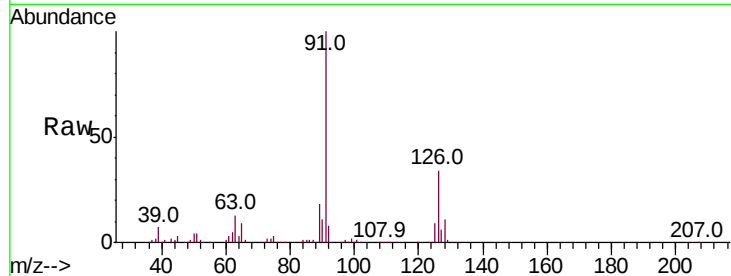




#79
 2-Chlorotoluene
 Concen: 49.781 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

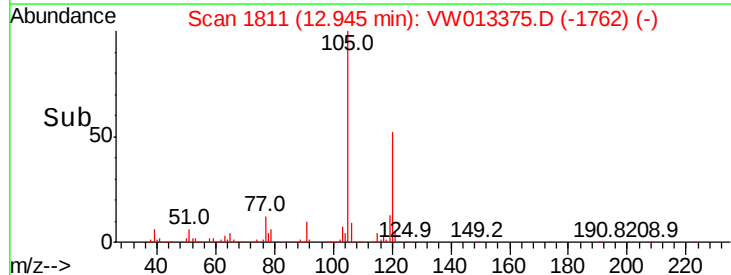
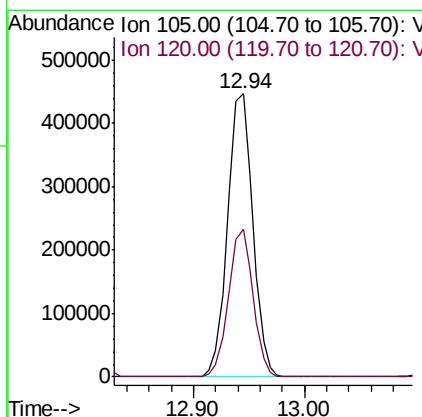
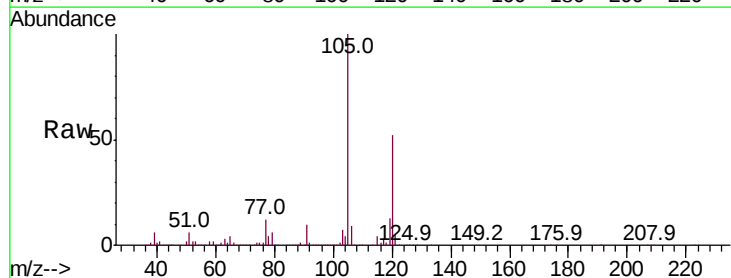
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

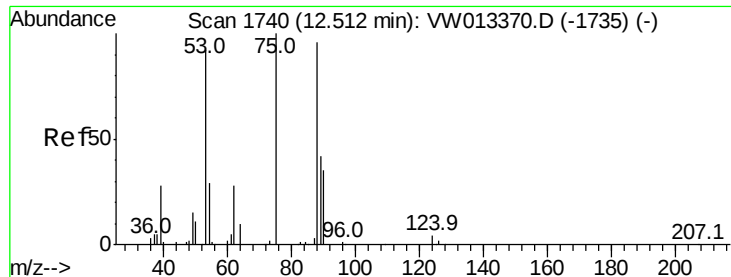
Tot Ion: 91 Resp: 540143
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 49.585 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion: 105 Resp: 699520
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.199 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

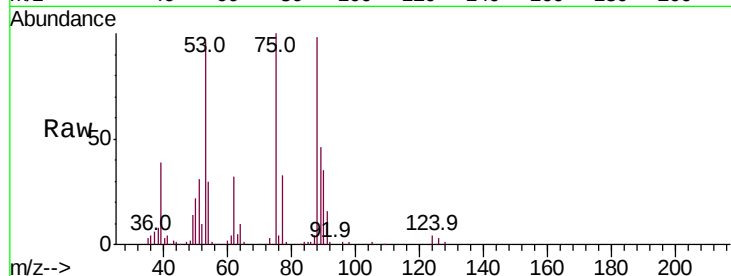
Tot Ion: 75 Resp: 44491

Ion Ratio Lower Upper

75 100

53 91.9 76.6 114.8

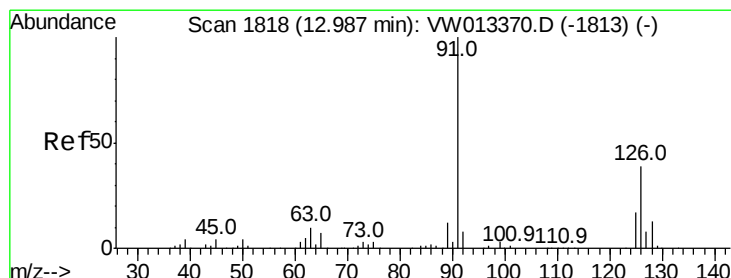
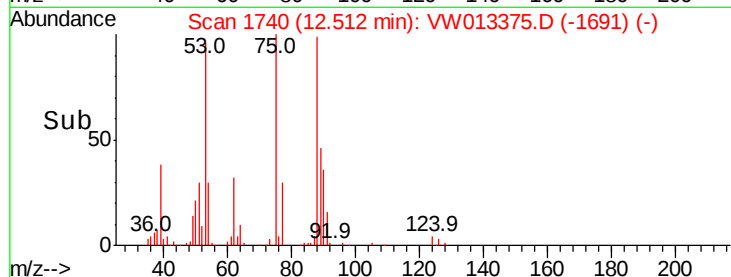
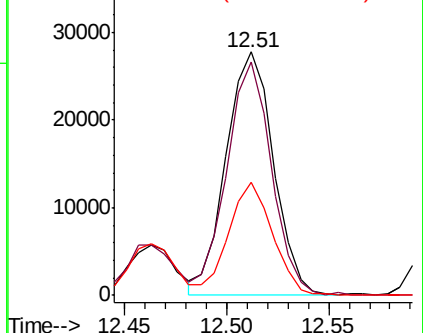
89 43.9 33.5 50.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 49.608 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW013375.D

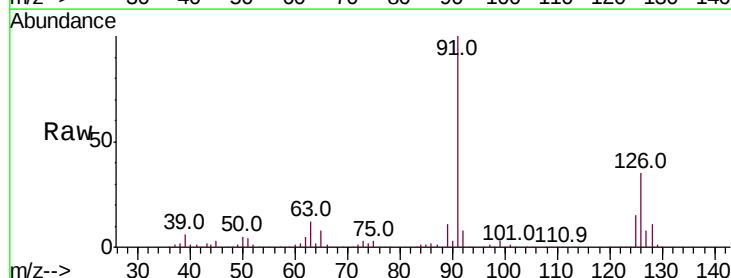
Acq: 02 Oct 2019 12:55

Tgt Ion: 91 Resp: 563848

Ion Ratio Lower Upper

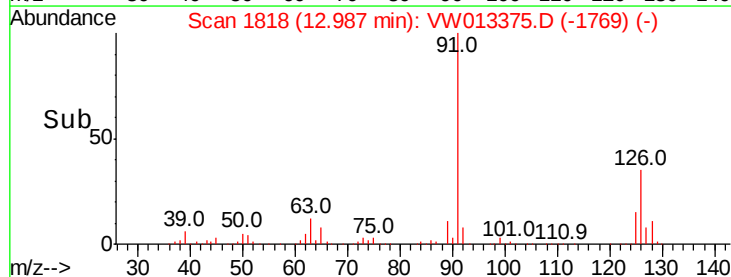
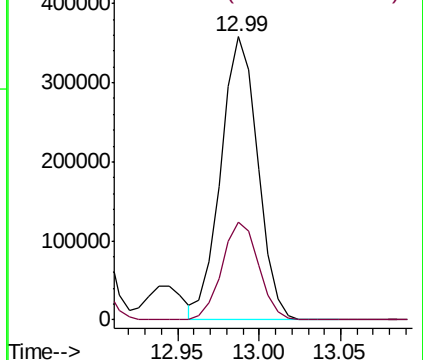
91 100

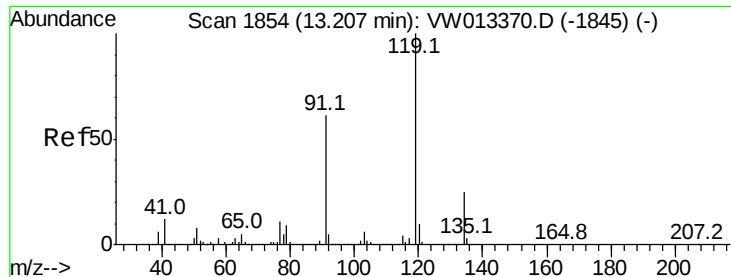
126 34.6 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

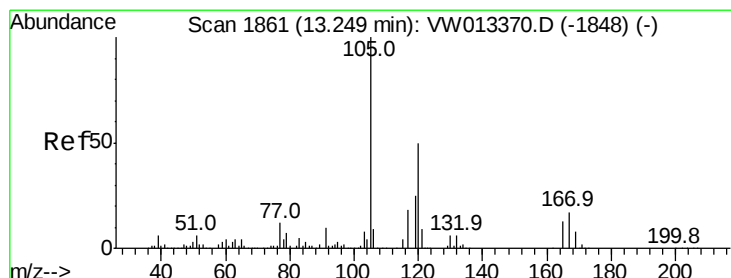
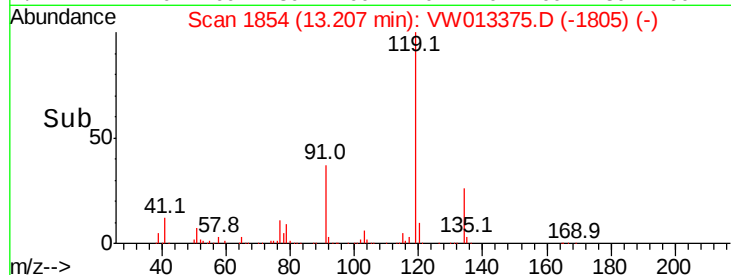
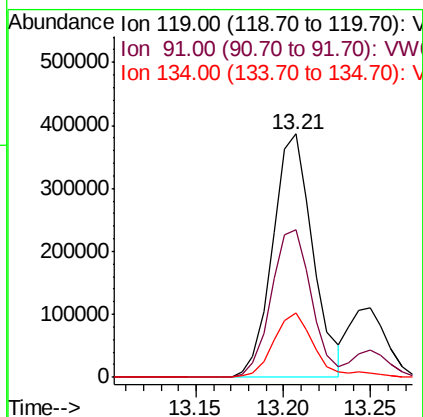
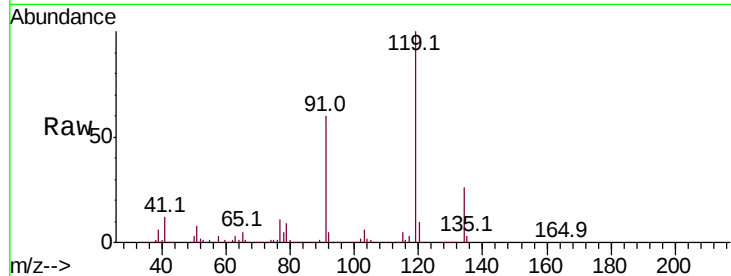




#83
tert-Butylbenzene
Concen: 50.311 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

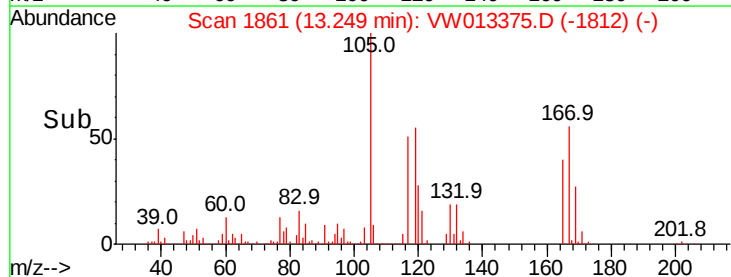
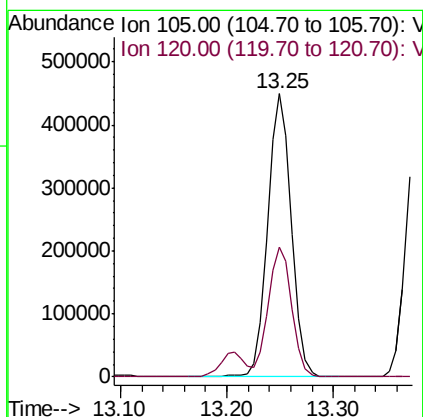
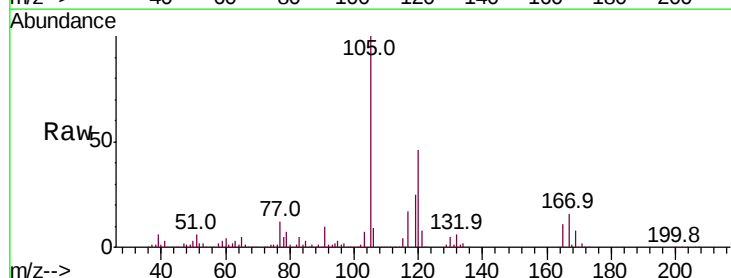
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

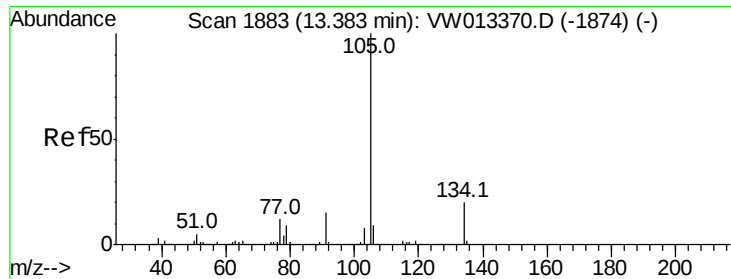
Tot Ion:119 Resp: 619949
Ion Ratio Lower Upper
119 100
91 60.7 30.7 92.1
134 25.8 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 49.604 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion:105 Resp: 695666
Ion Ratio Lower Upper
105 100
120 45.4 23.4 70.3





#85

sec-Butylbenzene

Concen: 50.320 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

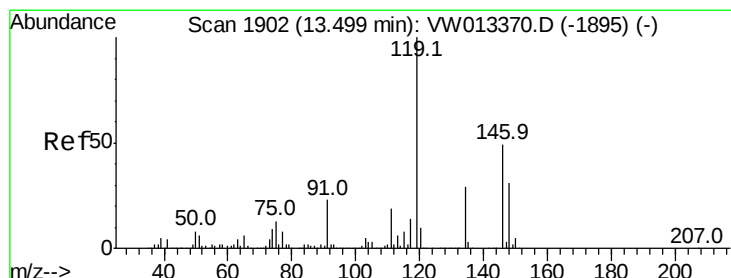
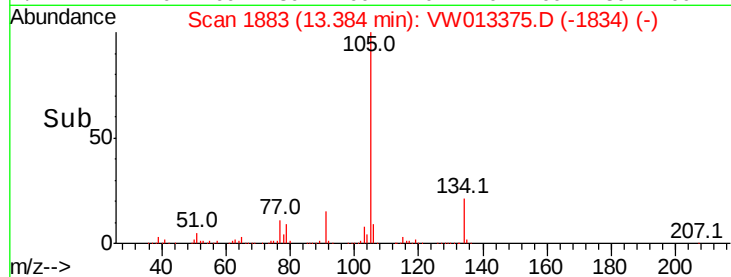
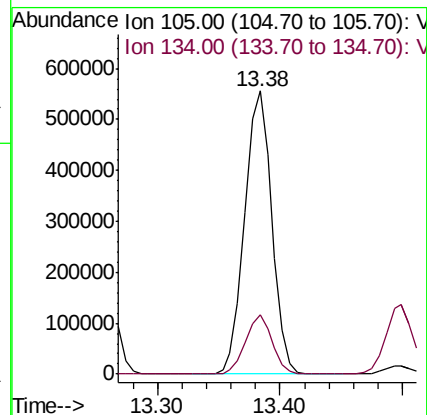
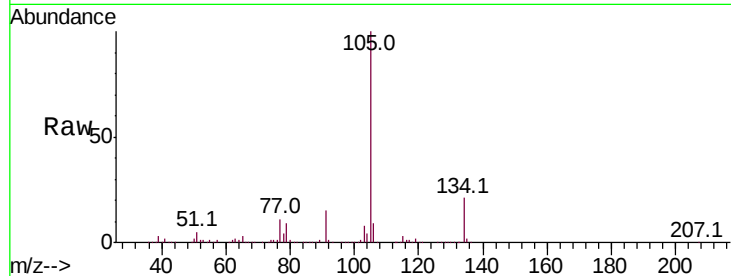
VSTDCCC050

Tot Ion:105 Resp: 854897

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8



#86

p-Isopropyltoluene

Concen: 50.586 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

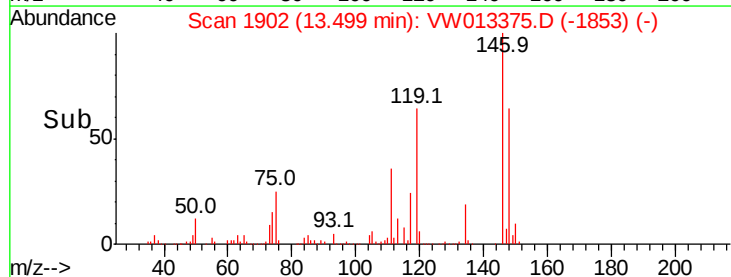
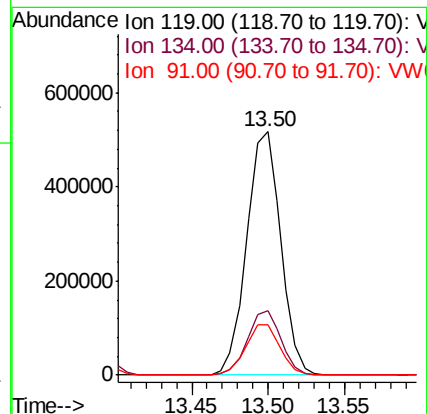
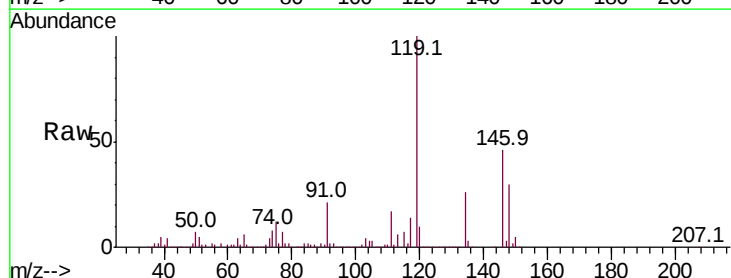
Tgt Ion:119 Resp: 796471

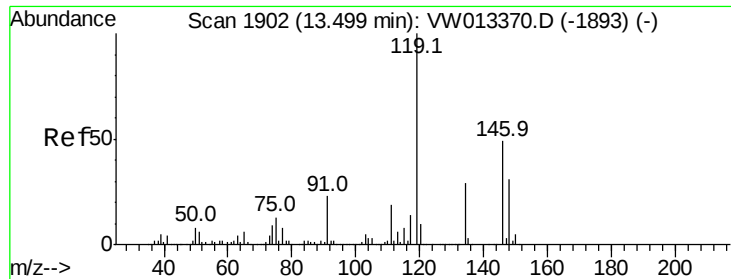
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 21.0 10.8 32.4

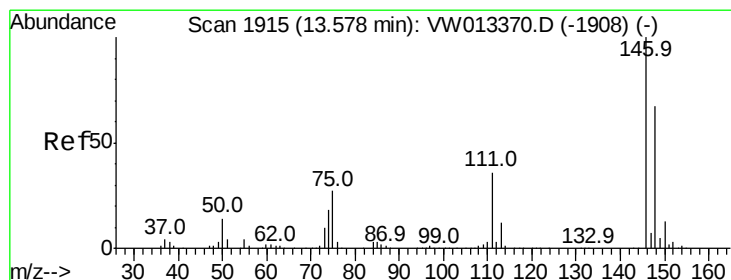
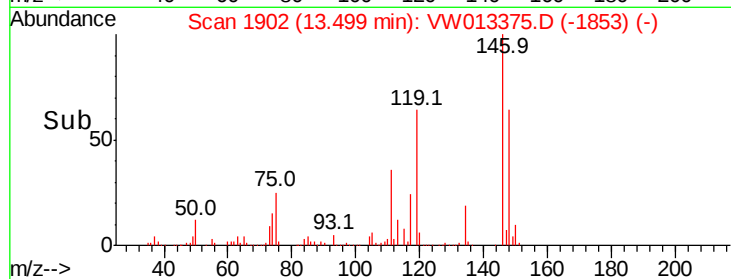
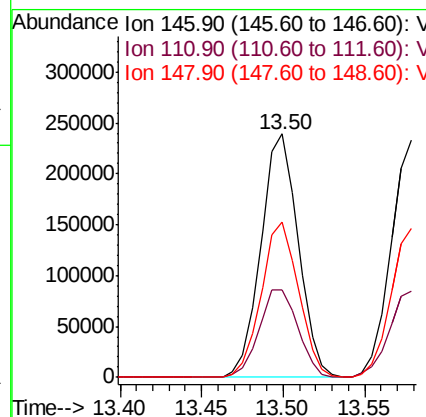
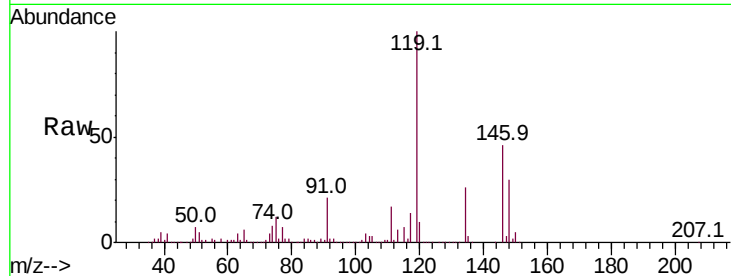




#87
 1,3-Dichlorobenzene
 Concen: 49.583 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

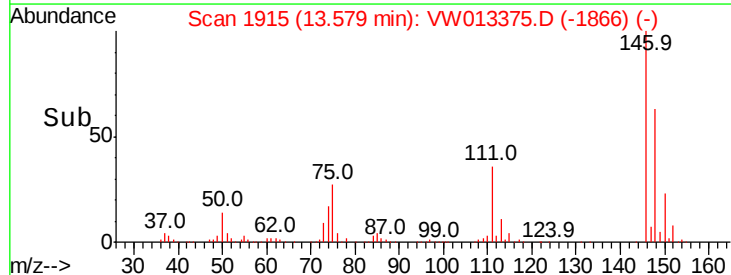
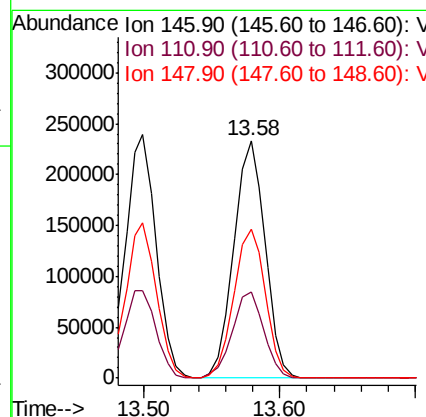
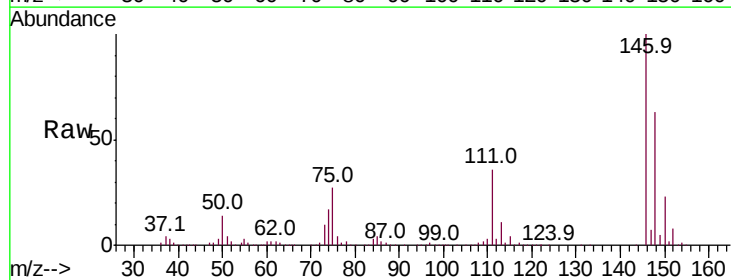
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

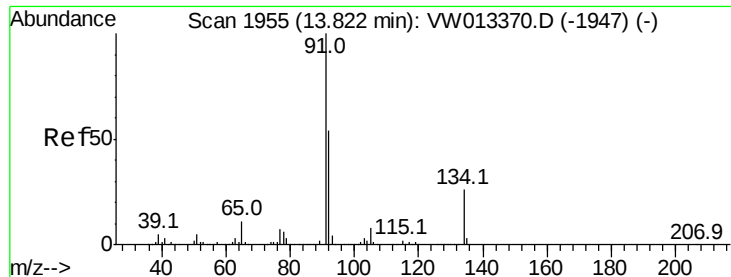
Tot Ion:146 Resp: 380397
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.9
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.618 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion:146 Resp: 373470
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.4 55.0
 148 63.3 32.1 96.3

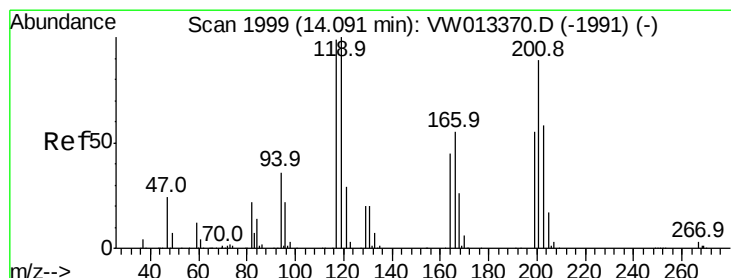
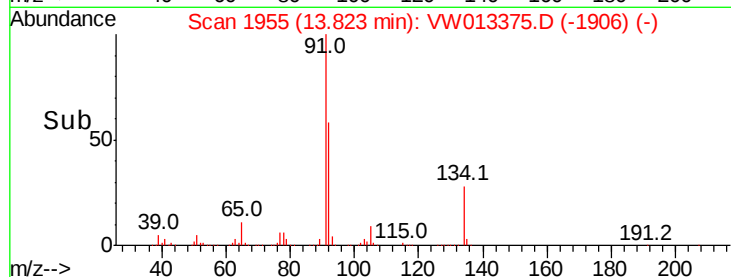
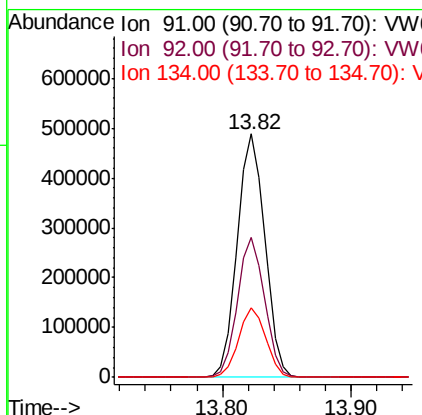
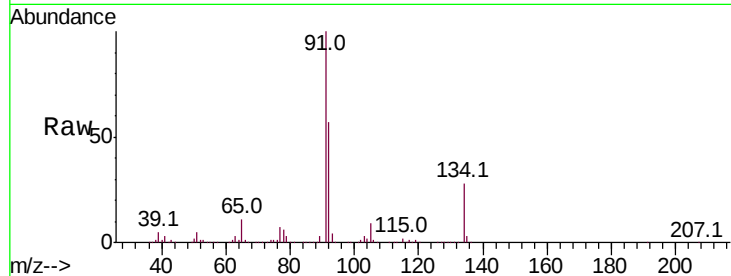




#89
n-Butylbenzene
Concen: 51.247 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

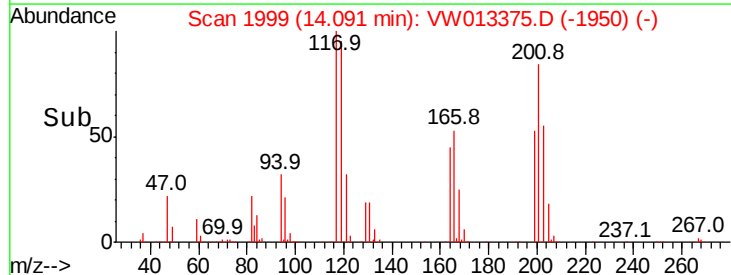
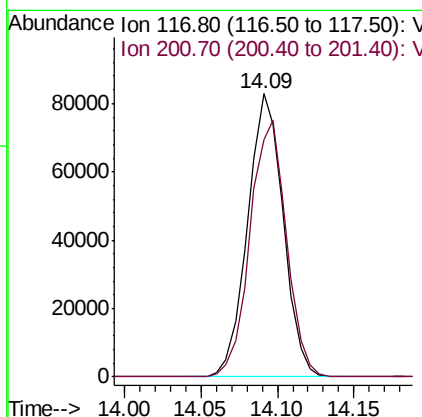
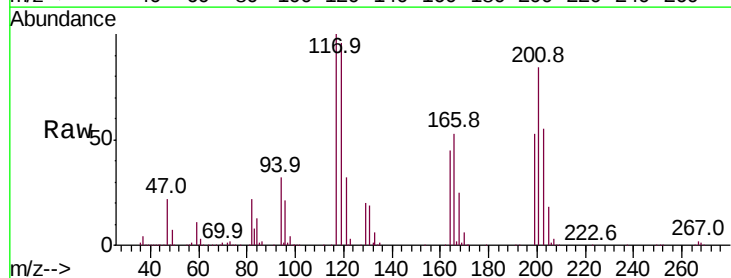
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

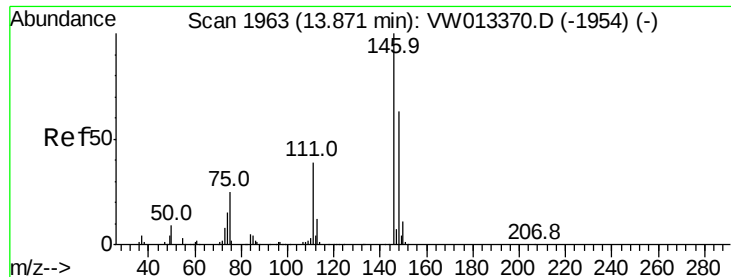
Tot Ion: 91 Resp: 727454
Ion Ratio Lower Upper
91 100
92 56.3 27.6 82.8
134 27.8 13.7 41.1



#90
Hexachloroethane
Concen: 51.608 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion: 117 Resp: 134246
Ion Ratio Lower Upper
117 100
201 92.4 44.5 133.5





#91

1,2-Dichlorobenzene

Concen: 48.659 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

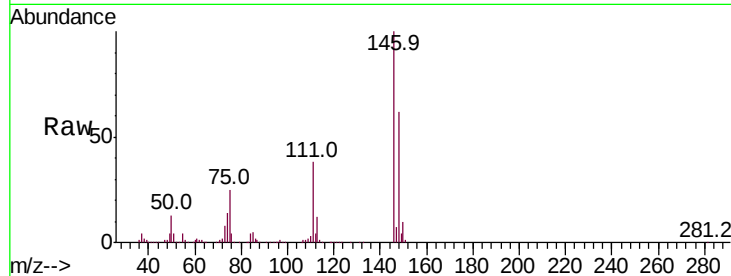
Tot Ion:146 Resp: 330007

Ion Ratio Lower Upper

146 100

111 39.4 20.1 60.3

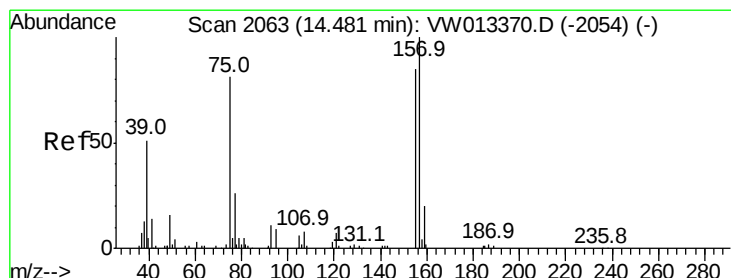
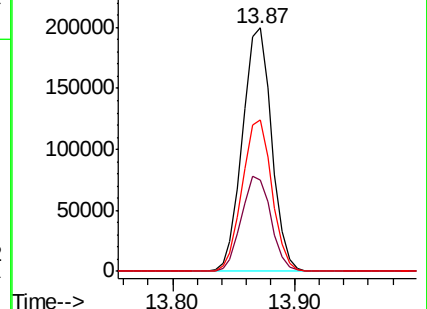
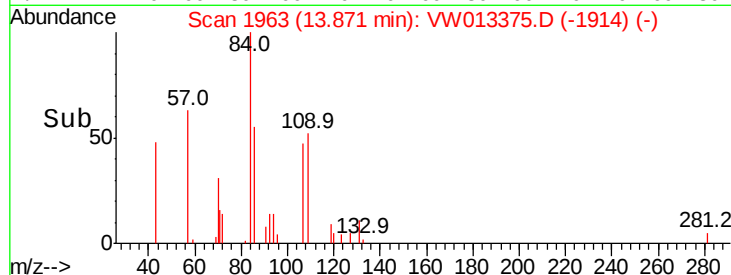
148 63.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.179 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

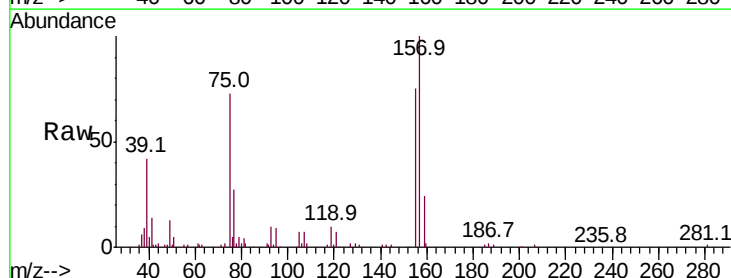
Tgt Ion: 75 Resp: 18995

Ion Ratio Lower Upper

75 100

155 102.2 46.1 138.3

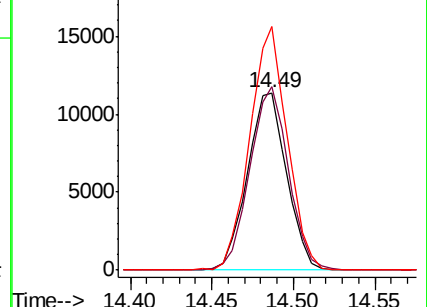
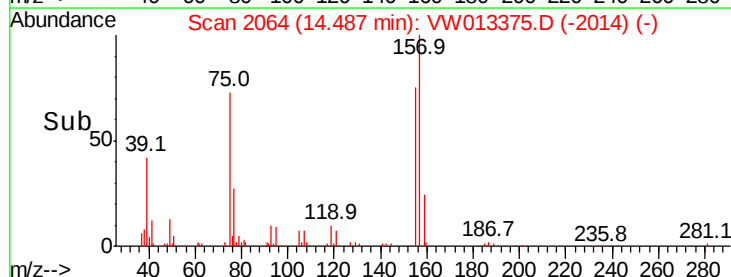
157 131.6 60.4 181.2

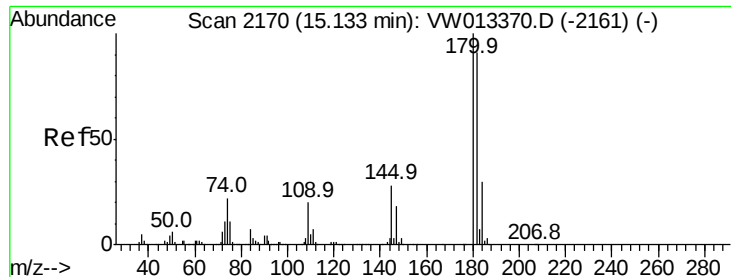


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

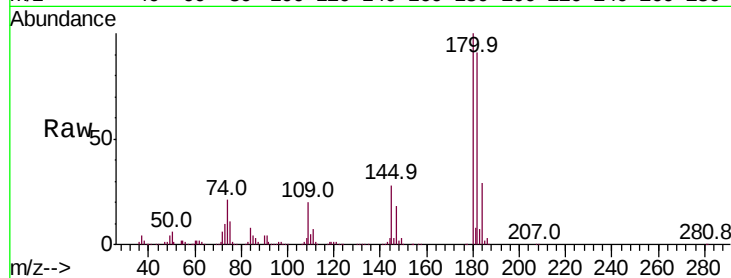




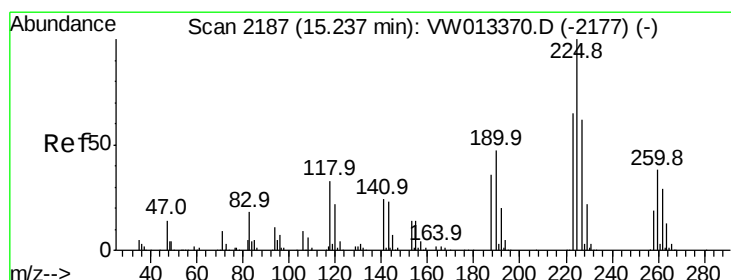
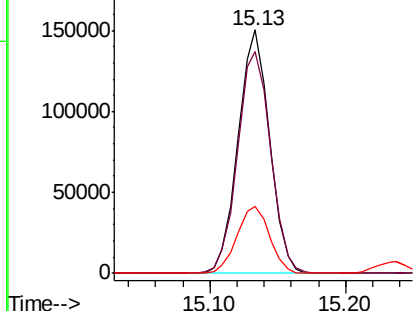
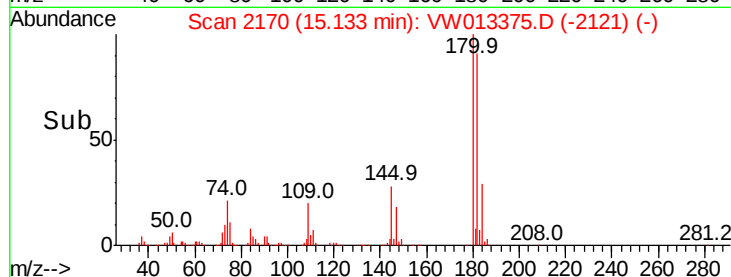
#93
 1,2,4-Trichlorobenzene
 Concen: 49.911 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	142.0
145	28.7	14.2	42.8

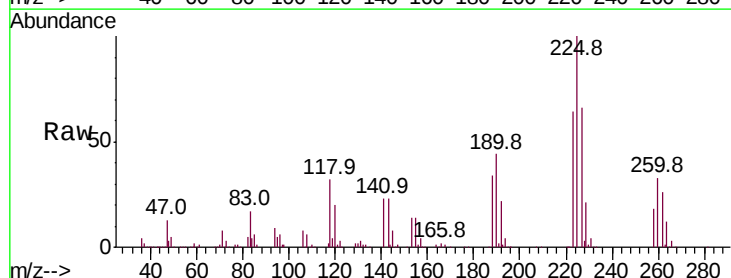


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

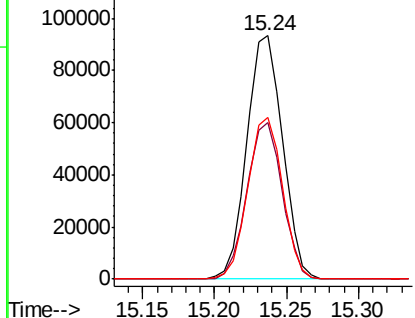
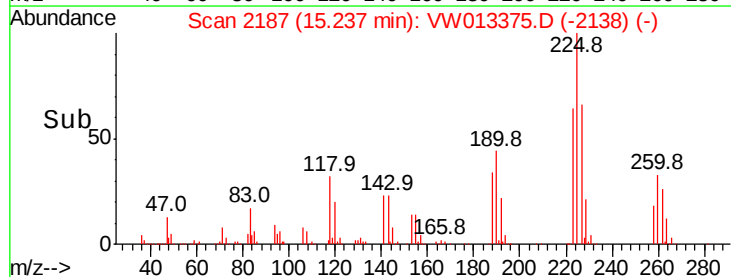


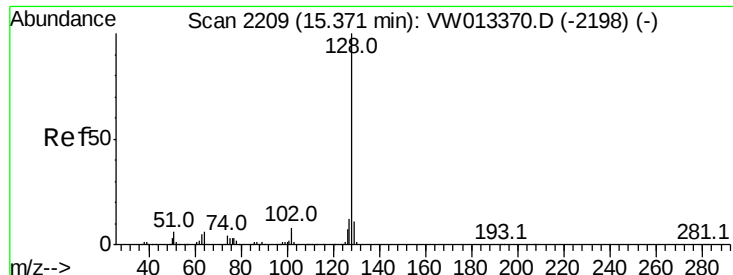
#94
 Hexachlorobutadiene
 Concen: 50.546 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	30.6	91.8
227	64.8	31.9	95.9



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

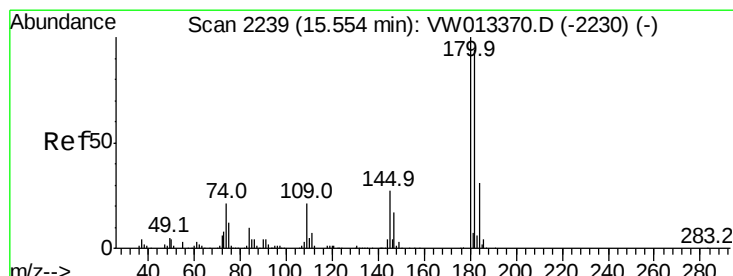
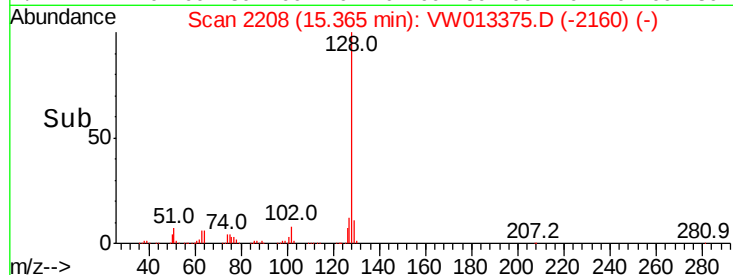
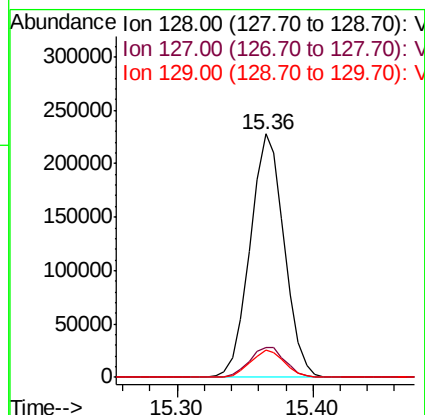
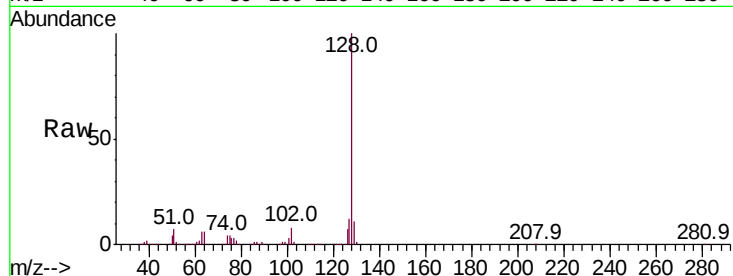




#95
Naphthalene
Concen: 48.775 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 400465
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.576 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion:180 Resp: 210675
Ion Ratio Lower Upper
180 100
182 97.0 47.9 143.7
145 29.6 15.0 45.0

