

Data File : VW013936.D
Acq On : 08 Nov 2019 10:41
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: Nov 09 03:14:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	327492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	455467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	195206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120191	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	7.88	113	130865	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	10.32	98	542667	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.62	95	179350	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	72174	41.832	ug/l	100
3) Chloromethane	2.21	50	89793	48.426	ug/l	99
4) Vinyl Chloride	2.36	62	142499	50.888	ug/l	100
5) Bromomethane	2.78	94	93621	50.836	ug/l	99
6) Chloroethane	2.92	64	87612	51.706	ug/l	100
7) Trichlorofluoromethane	3.26	101	98305	56.204	ug/l	99
8) Diethyl Ether	3.68	74	66507	47.065	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	145121	51.038	ug/l	99
10) Methyl Iodide	4.27	142	231104	49.877	ug/l	100
11) Tert butyl alcohol	5.16	59	40144	273.720	ug/l	98
12) 1,1-Dichloroethene	4.04	96	150241	51.153	ug/l	98
13) Acrolein	3.89	56	48574	289.089	ug/l	97
14) Allyl chloride	4.67	41	233727	51.752	ug/l	99
15) Acrylonitrile	5.36	53	143160	249.149	ug/l	99
16) Acetone	4.12	43	171450	329.140	ug/l	94
17) Carbon Disulfide	4.38	76	433411	51.382	ug/l	98
18) Methyl Acetate	4.67	43	67180	47.048	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	175467	49.784	ug/l	99
20) Methylene Chloride	4.91	84	148203	51.891	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	160917	50.904	ug/l	98
22) Diisopropyl ether	6.31	45	417232	50.646	ug/l	98
23) Vinyl Acetate	6.25	43	1187864	248.501	ug/l	99
24) 1,1-Dichloroethane	6.21	63	268085	51.383	ug/l	99
25) 2-Butanone	7.17	43	195664	261.270	ug/l	95
26) 2,2-Dichloropropane	7.16	77	160141	53.080	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	169714	50.545	ug/l	98
28) Bromochloromethane	7.51	49	93517	50.300	ug/l #	98
29) Tetrahydrofuran	7.52	42	117437	253.291	ug/l	98
30) Chloroform	7.68	83	256097	49.654	ug/l	100
31) Cyclohexane	7.95	56	267457	48.984	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	219611	54.260	ug/l	98
36) 1,1-Dichloropropene	8.08	75	227045	53.526	ug/l	99
37) Ethyl Acetate	7.24	43	79751	49.115	ug/l	99
38) Carbon Tetrachloride	8.07	117	209293	54.792	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	293239	53.532	ug/l	97
40) Benzene	8.32	78	623401	51.931	ug/l	98
41) Methacrylonitrile	7.48	41	49447	48.834	ug/l	94
42) 1,2-Dichloroethane	8.40	62	152799	50.512	ug/l	99
43) Isopropyl Acetate	8.42	43	149983	48.255	ug/l	99
44) Trichloroethene	9.09	130	178513	51.914	ug/l	99
45) 1,2-Dichloropropane	9.37	63	146675	51.154	ug/l	98
46) Dibromomethane	9.46	93	70310	50.522	ug/l	98
47) Bromodichloromethane	9.64	83	185281	51.455	ug/l	99
48) Methyl methacrylate	9.43	41	75326	48.872	ug/l	97
49) 1,4-Dioxane	9.44	88	24048	1169.380	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	379328	245.604	ug/l	100
52) Toluene	10.38	92	405071	52.313	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	189049	51.862	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	231284	51.426	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	101307	48.845	ug/l	98
56) Ethyl methacrylate	10.65	69	130952	50.465	ug/l	99
57) 1,3-Dichloropropane	10.93	76	177145	49.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	281224	235.477	ug/l	99
59) 2-Hexanone	10.96	43	281217	264.116	ug/l	99
60) Dibromochloromethane	11.13	129	127460	51.759	ug/l	99
61) 1,2-Dibromoethane	11.23	107	97446	49.662	ug/l	100
64) Tetrachloroethene	10.86	164	153890	52.004	ug/l	97
65) Chlorobenzene	11.66	112	416790	52.367	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	147308	53.033	ug/l	99
67) Ethyl Benzene	11.73	91	767000	53.444	ug/l	100
68) m/p-Xylenes	11.84	106	593962	107.122	ug/l	98
69) o-Xylene	12.16	106	270726	53.120	ug/l	98
70) Styrene	12.18	104	465289	53.136	ug/l	99
71) Bromoform	12.35	173	74813	51.324	ug/l #	97
73) Isopropylbenzene	12.46	105	768728	54.837	ug/l	100
74) N-amyl acetate	12.27	43	140265	51.725	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	111088	50.217	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	143492	102.359	ug/l #	100
77) Bromobenzene	12.74	156	175431	52.386	ug/l	98
78) n-propylbenzene	12.80	91	902797	55.641	ug/l	100
79) 2-Chlorotoluene	12.89	91	496997	54.506	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	647087	54.681	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38284	51.611	ug/l	99
82) 4-Chlorotoluene	12.99	91	516284	53.933	ug/l	100
83) tert-Butylbenzene	13.21	119	580592	55.272	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	639664	54.797	ug/l	99
85) sec-Butylbenzene	13.38	105	799304	55.646	ug/l	99
86) p-Isopropyltoluene	13.50	119	744916	55.672	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	348584	53.724	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	339954	52.739	ug/l	100
89) n-Butylbenzene	13.82	91	678502	56.179	ug/l	99
90) Hexachloroethane	14.09	117	128402	55.209	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	297569	52.893	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17157	51.289	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110819\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	217597	53.146	ug/l	99
94) Hexachlorobutadiene	15.24	225	153067	55.379	ug/l	100
95) Naphthalene	15.36	128	333047	51.882	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	185184	52.490	ug/l	99

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

Data File : VW013936.D

Acq On : 08 Nov 2019 10:41

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Sample : VSTDCCC050

Misc : 5.00G/5ML/MSVOA W/SOIL

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Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

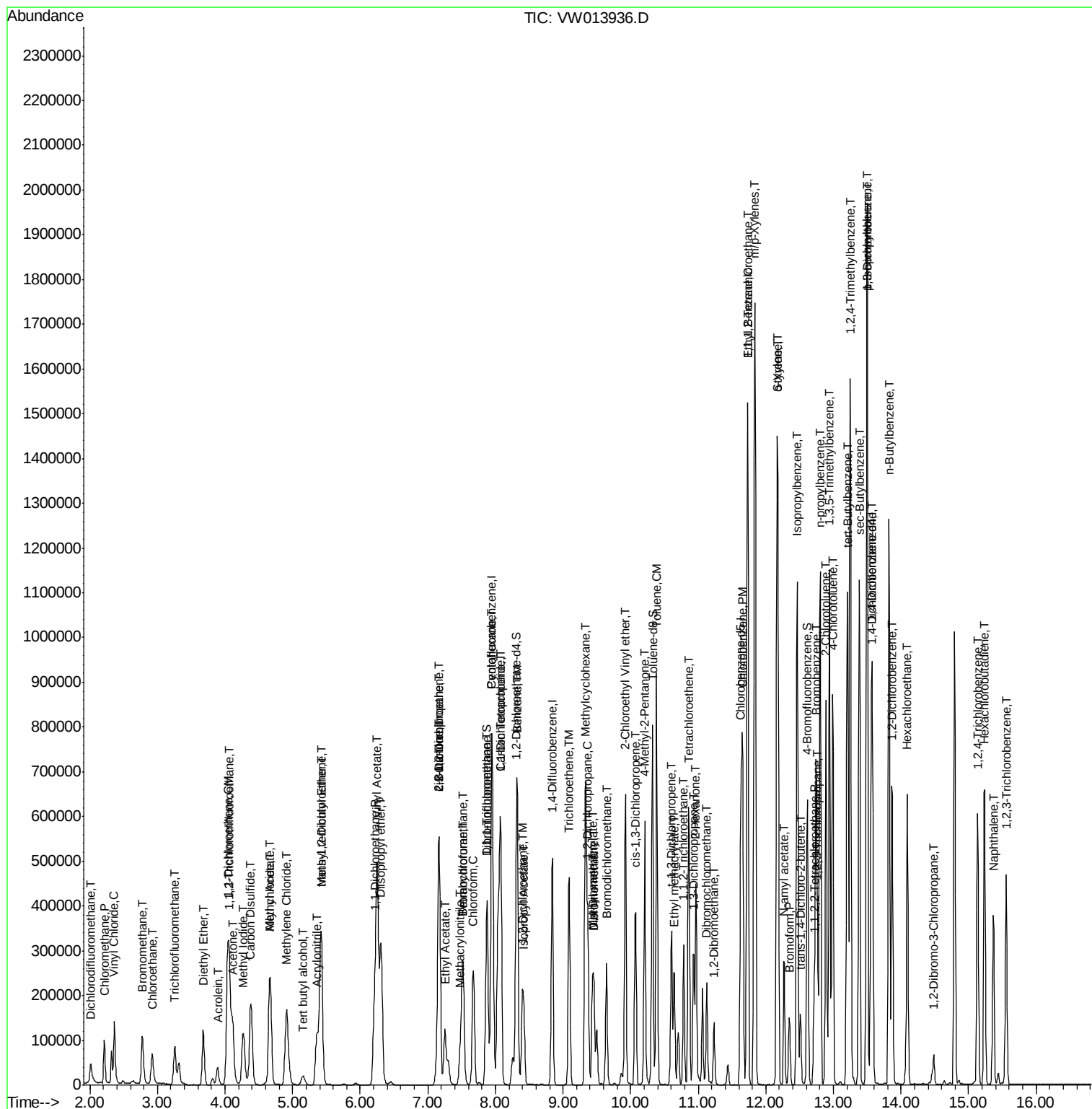
Quant Time: Nov 09 03:14:47 2019

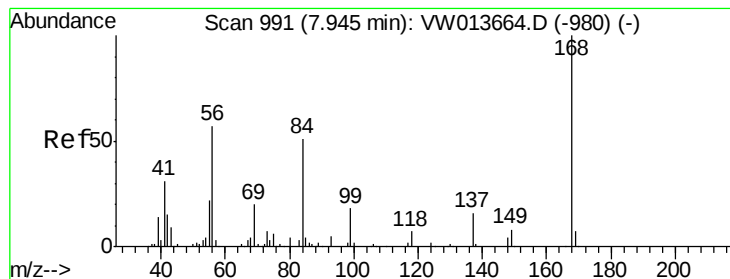
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W102319S.M

Quant Title : SW846 8260

QLast Update : Wed Oct 23 14:11:46 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

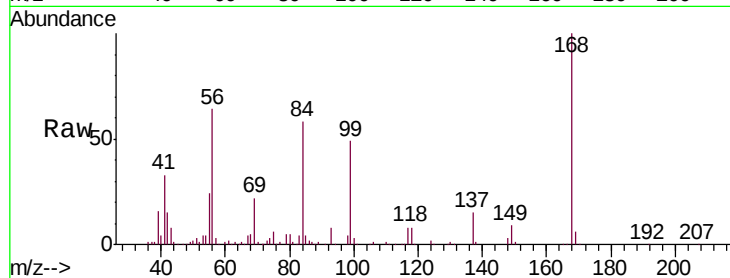
VSTDCCC050

Tgt Ion:168 Resp: 327492

Ion Ratio Lower Upper

168 100

99 49.1 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

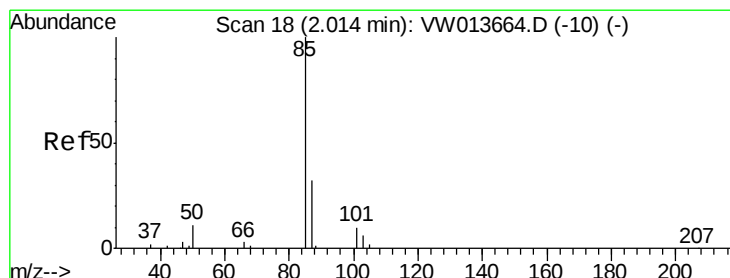
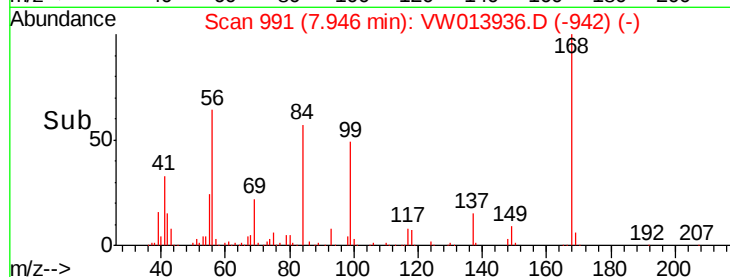
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50000

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Time-->

7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 41.832 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW013936.D

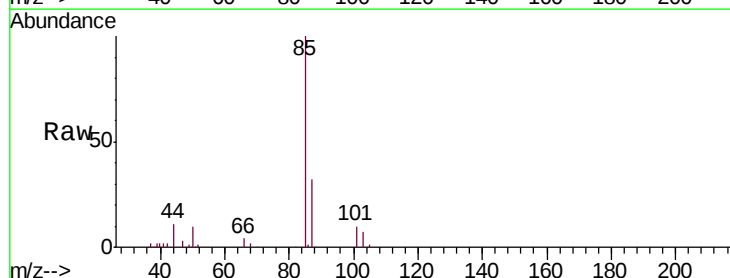
Acq: 08 Nov 2019 10:41

Tgt Ion: 85 Resp: 72174

Ion Ratio Lower Upper

85 100

87 32.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

15000

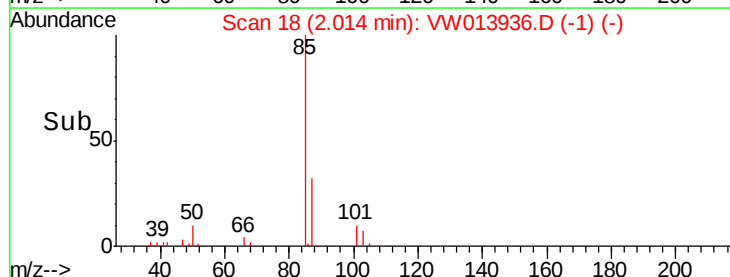
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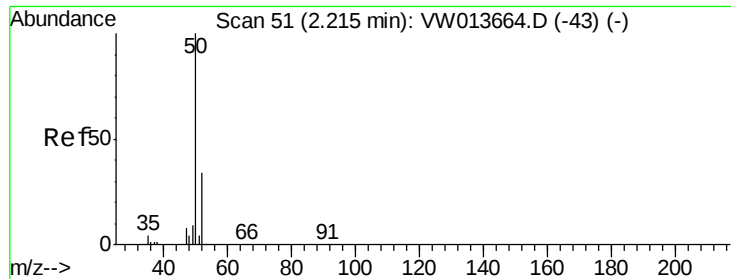
5000

0

Time-->

1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 48.426 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

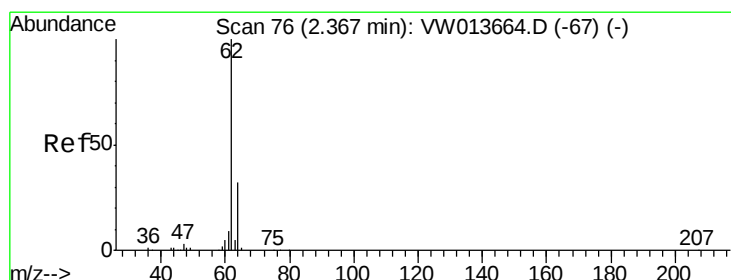
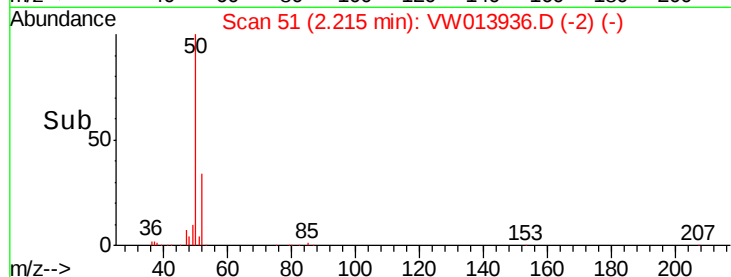
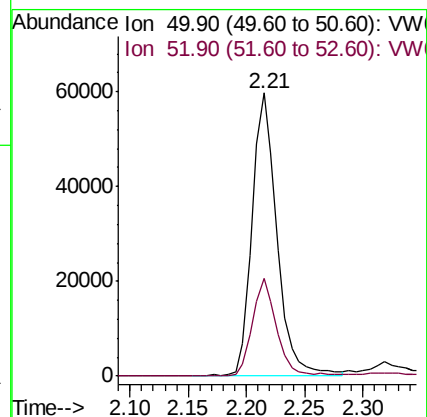
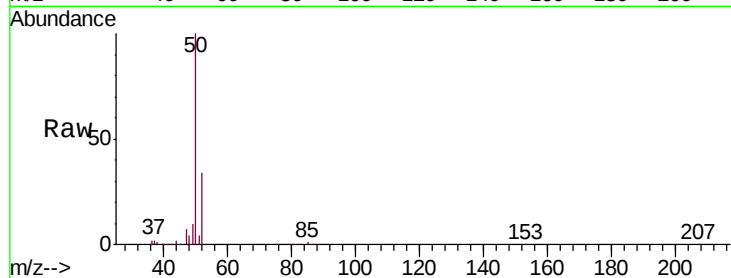
VSTDCCC050

Tgt Ion: 50 Resp: 89793

Ion Ratio Lower Upper

50 100

52 34.3 26.9 40.3



#4

Vinyl Chloride

Concen: 50.888 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW013936.D

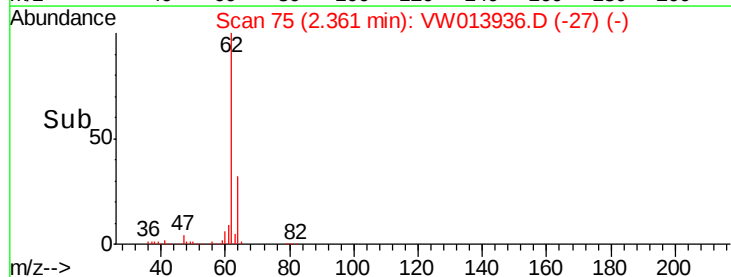
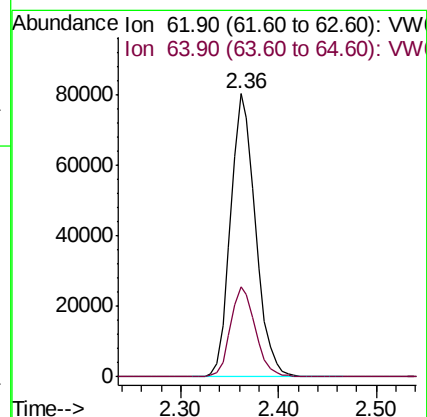
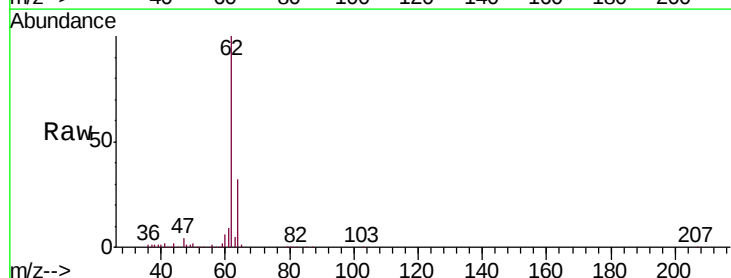
Acq: 08 Nov 2019 10:41

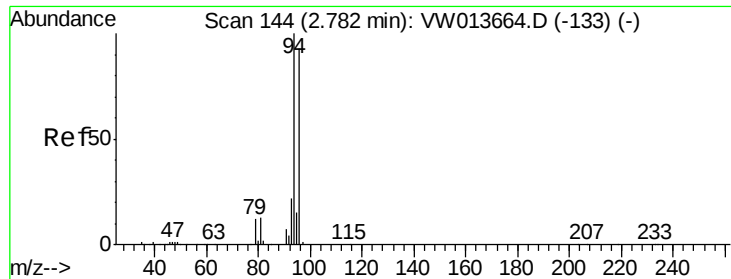
Tgt Ion: 62 Resp: 142499

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 50.836 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

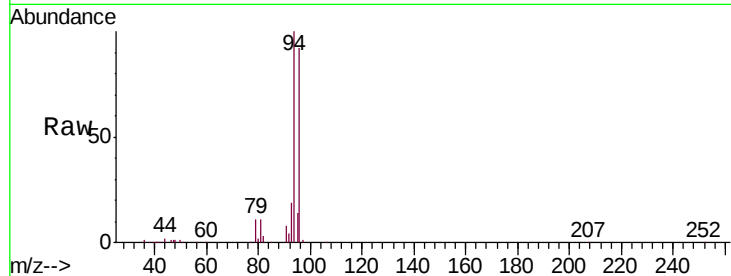
VSTDCCC050

Tgt Ion: 94 Resp: 93621

Ion Ratio Lower Upper

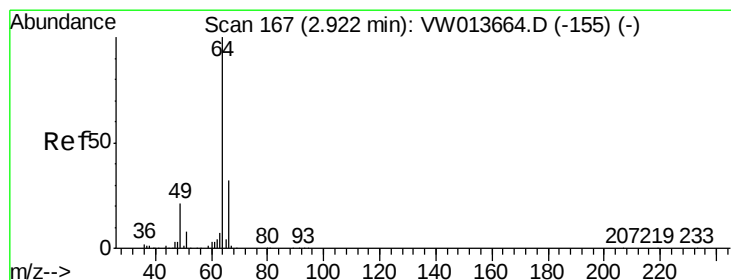
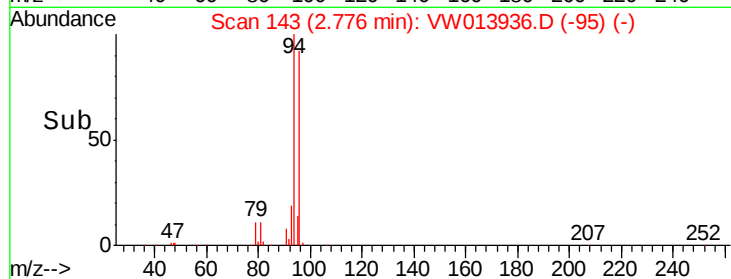
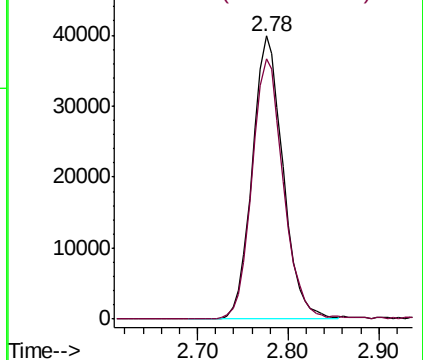
94 100

96 92.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 51.706 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW013936.D

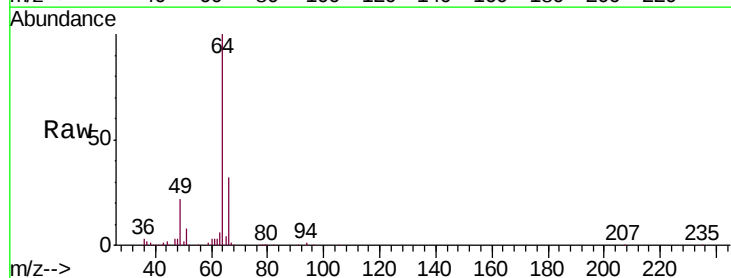
Acq: 08 Nov 2019 10:41

Tgt Ion: 64 Resp: 87612

Ion Ratio Lower Upper

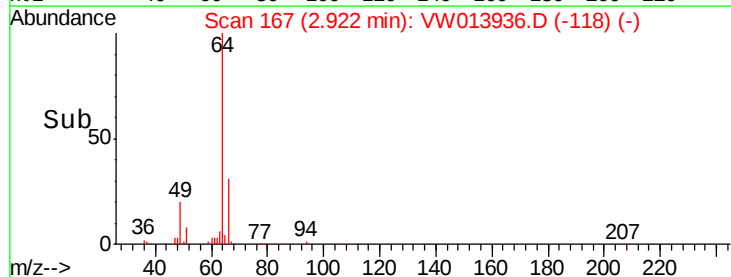
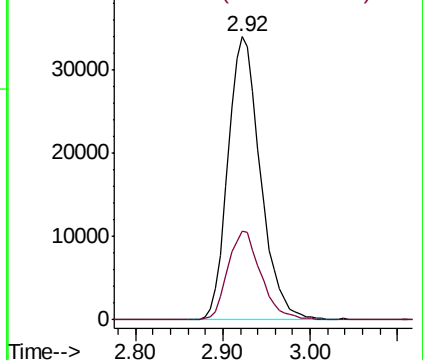
64 100

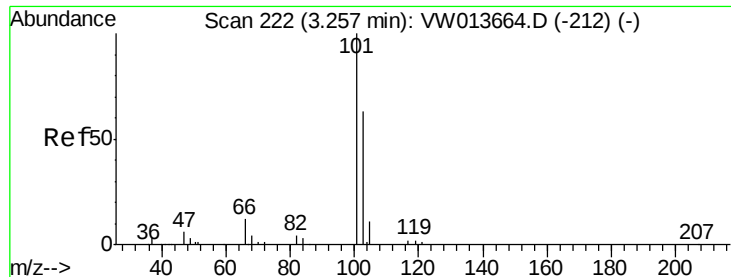
66 31.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



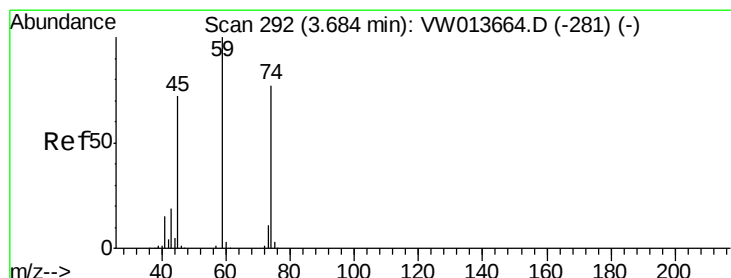
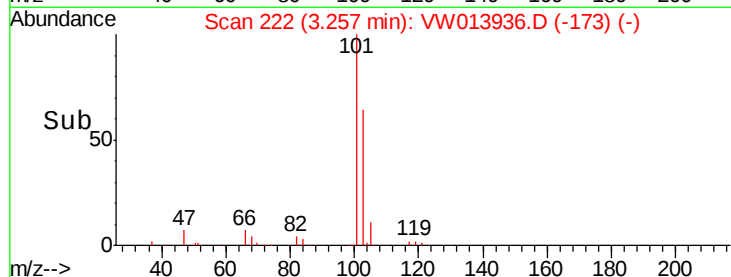
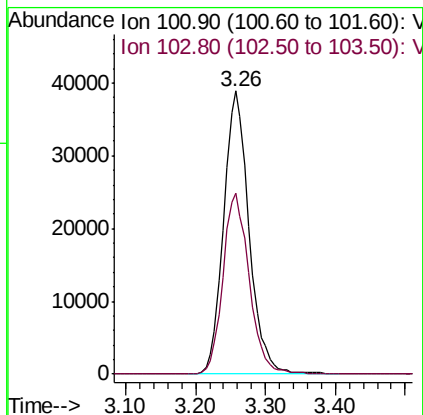
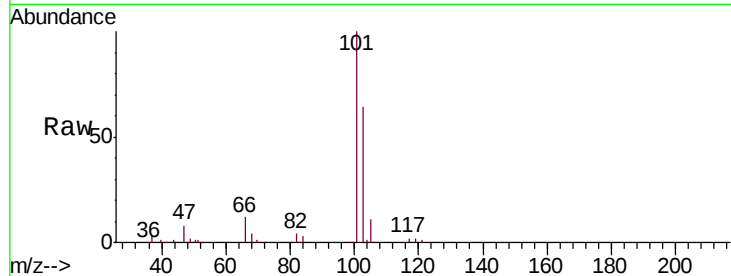


#7

Trichlorofluoromethane
 Concen: 56.204 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW013936.D
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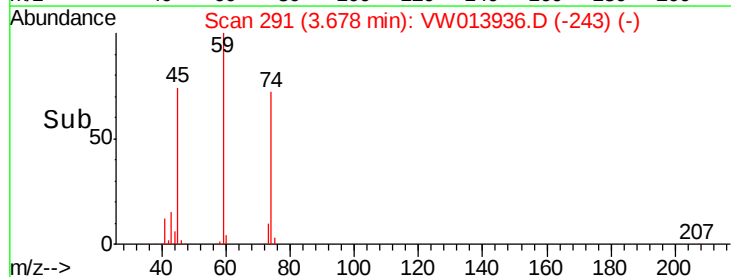
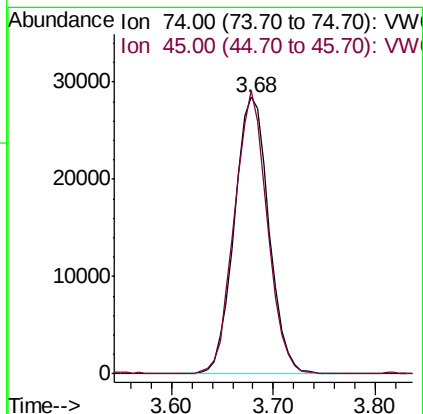
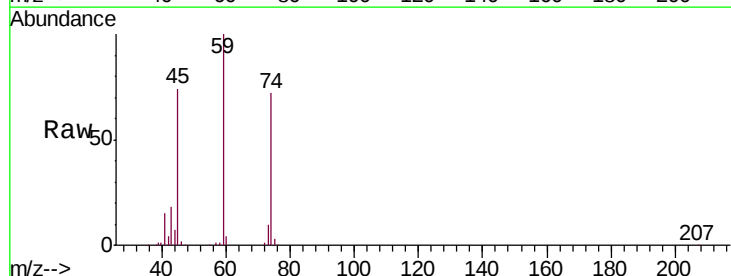
Tgt Ion:101 Resp: 98305
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.6 76.0

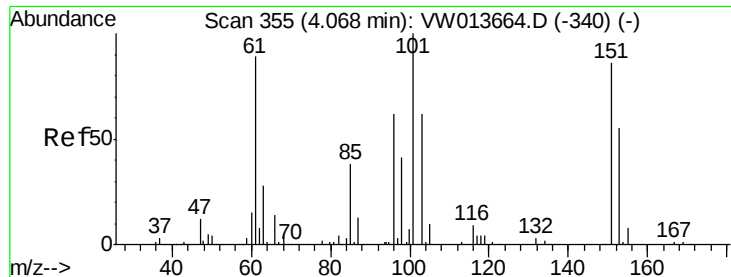


#8

Diethyl Ether
 Concen: 47.065 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

Tgt Ion: 74 Resp: 66507
 Ion Ratio Lower Upper
 74 100
 45 97.8 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.038 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

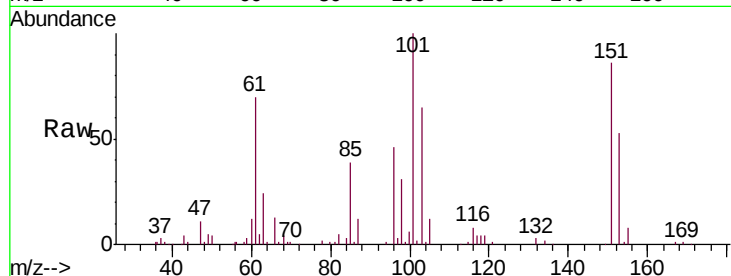
Tgt Ion:101 Resp: 145121

Ion Ratio Lower Upper

101 100

85 41.1 31.0 46.6

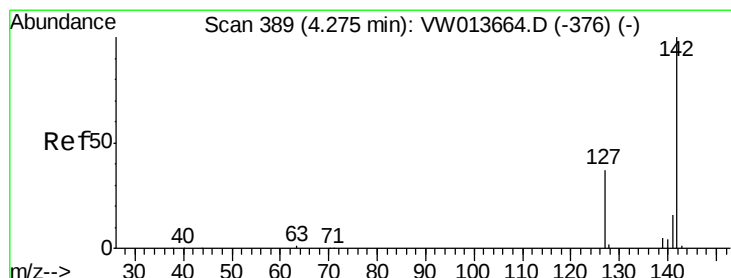
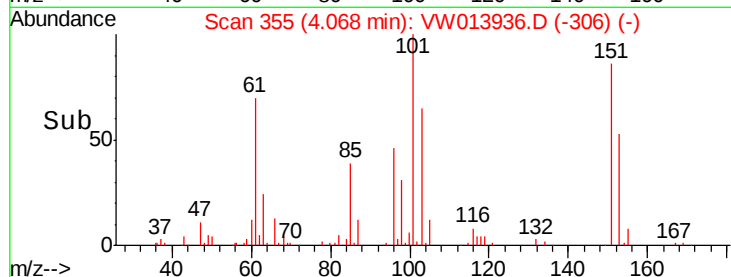
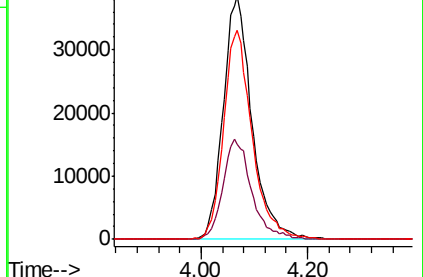
151 85.7 68.2 102.4



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: 49.877 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

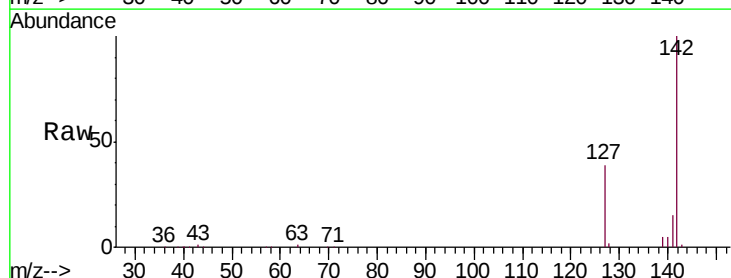
Tgt Ion:142 Resp: 231104

Ion Ratio Lower Upper

142 100

127 38.0 30.3 45.5

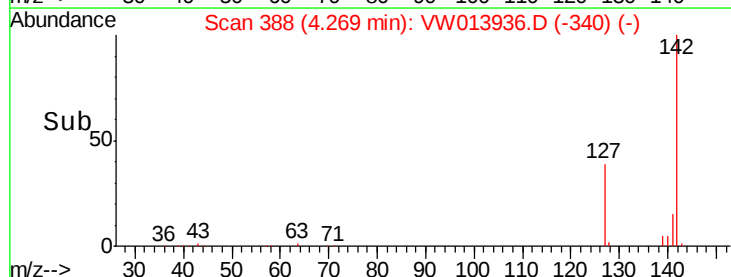
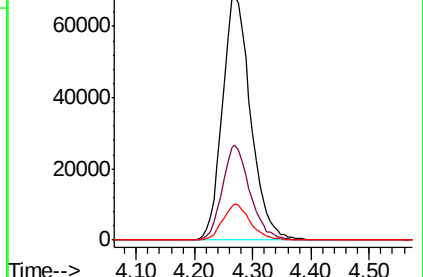
141 14.4 11.8 17.8

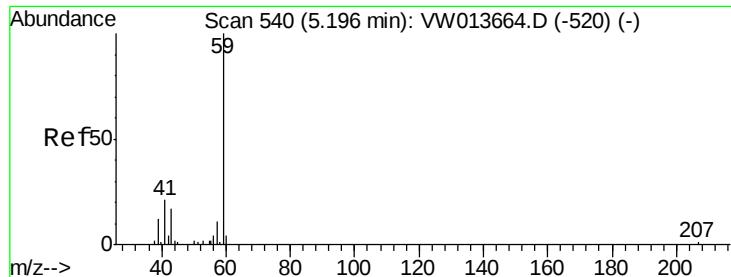


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

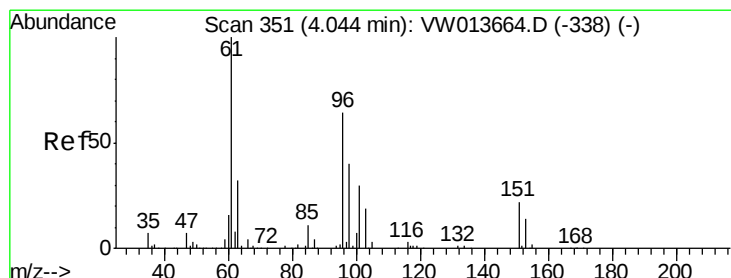
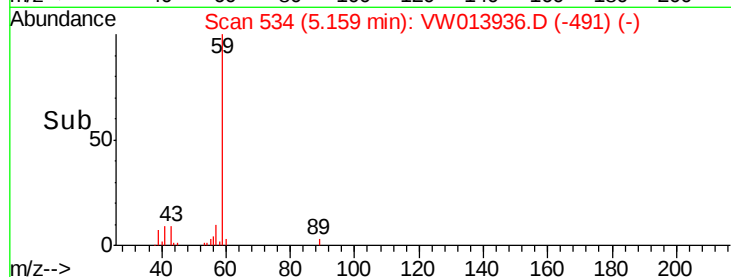
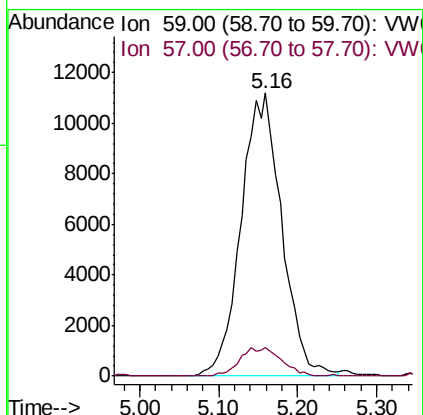
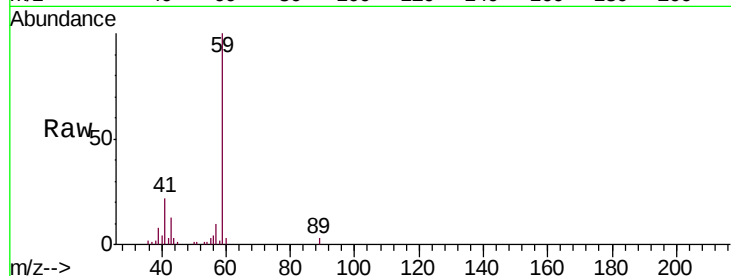




#11
Tert butyl alcohol
Concen: 273.720 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.04 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

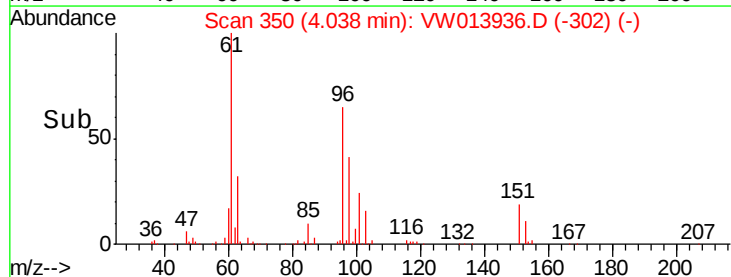
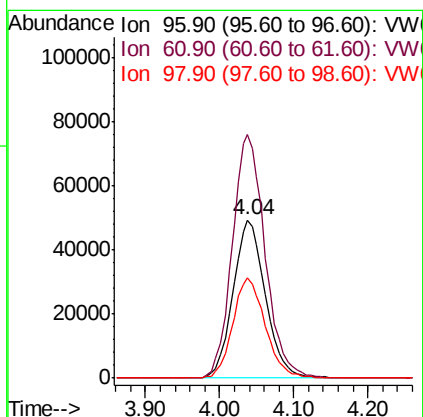
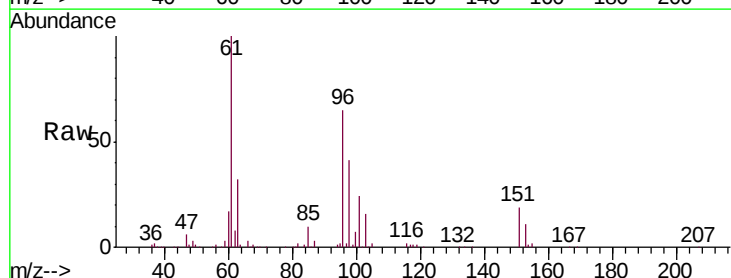
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

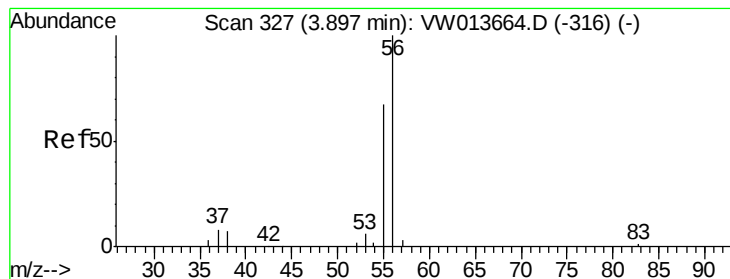
Tgt Ion: 59 Resp: 40144
Ion Ratio Lower Upper
59 100
57 10.2 8.8 13.2



#12
1,1-Dichloroethene
Concen: 51.153 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Tgt Ion: 96 Resp: 150241
Ion Ratio Lower Upper
96 100
61 153.7 125.0 187.6
98 63.6 50.3 75.5





#13

Acrolein

Concen: 289.089 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

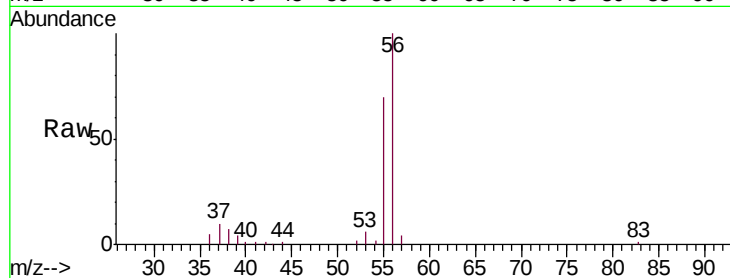
VSTDCCC050

Tgt Ion: 56 Resp: 48574

Ion Ratio Lower Upper

56 100

55 67.9 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

20000

15000

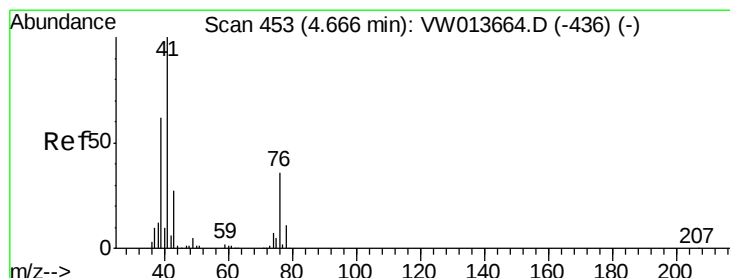
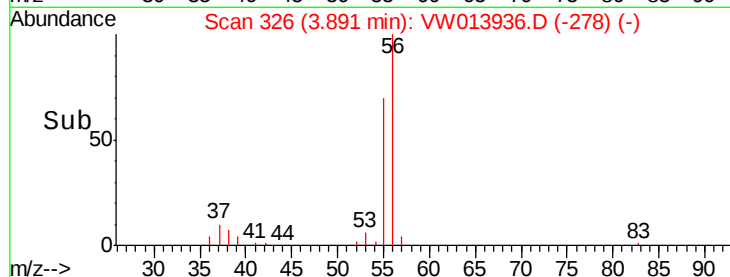
10000

5000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 51.752 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

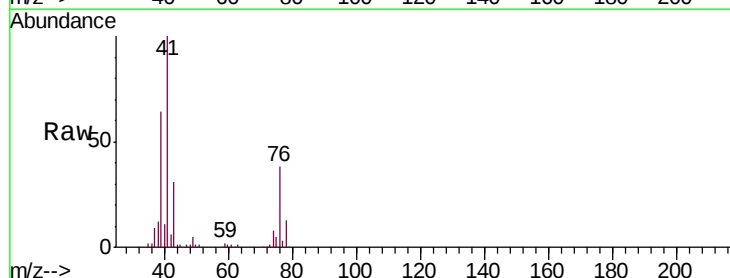
Tgt Ion: 41 Resp: 233727

Ion Ratio Lower Upper

41 100

39 61.6 50.0 75.0

76 36.6 29.6 44.4



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

100000

80000

60000

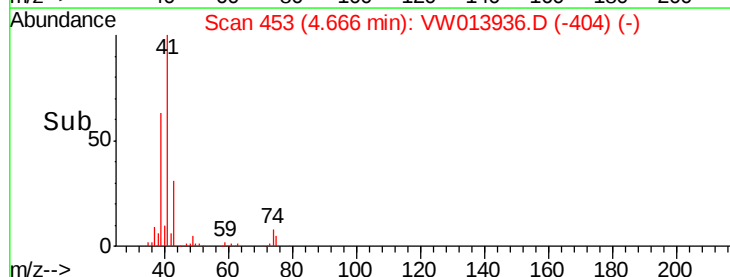
40000

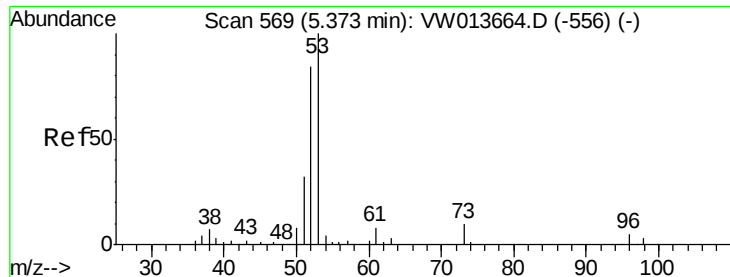
20000

0

Time-->

4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 249.149 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

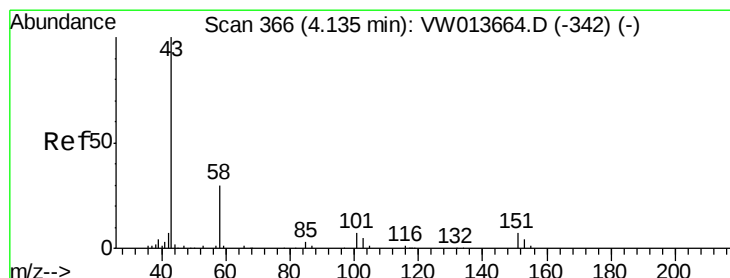
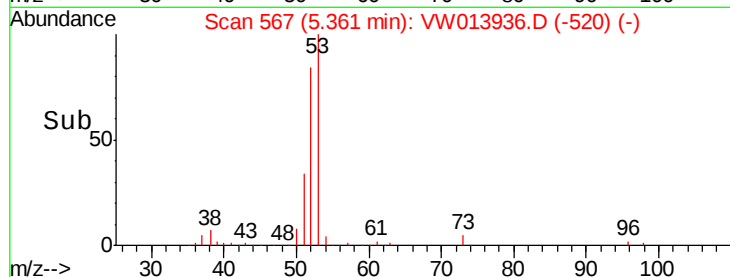
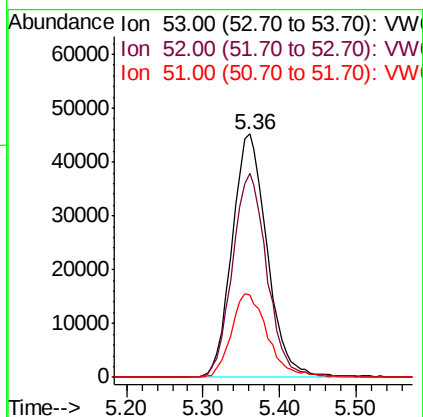
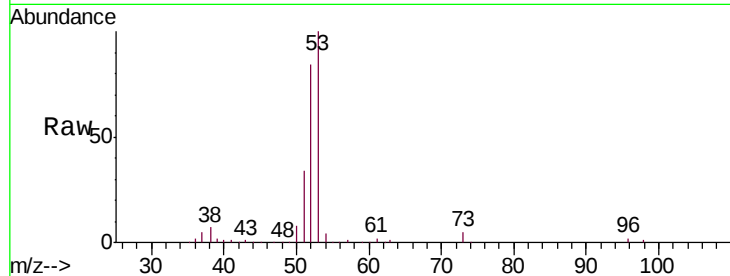
Tgt Ion: 53 Resp: 143160

Ion Ratio Lower Upper

53 100

52 83.2 67.4 101.0

51 36.0 29.1 43.7



#16

Acetone

Concen: 329.140 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW013936.D

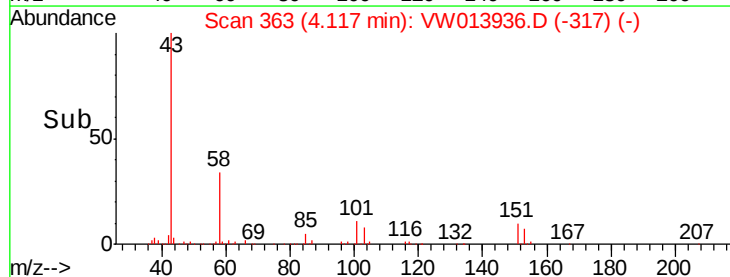
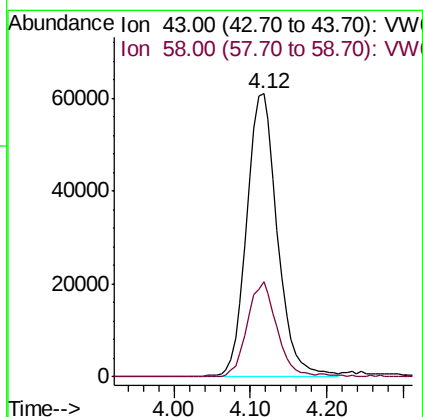
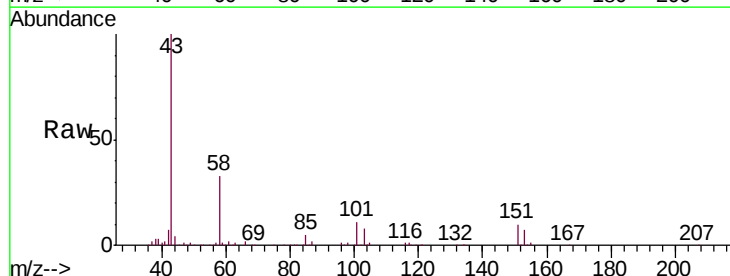
Acq: 08 Nov 2019 10:41

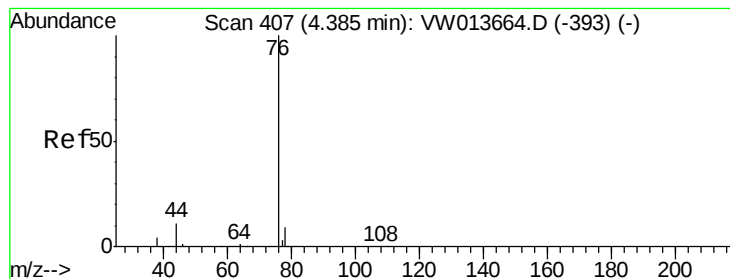
Tgt Ion: 43 Resp: 171450

Ion Ratio Lower Upper

43 100

58 33.5 24.1 36.1





#17

Carbon Disulfide

Concen: 51.382 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

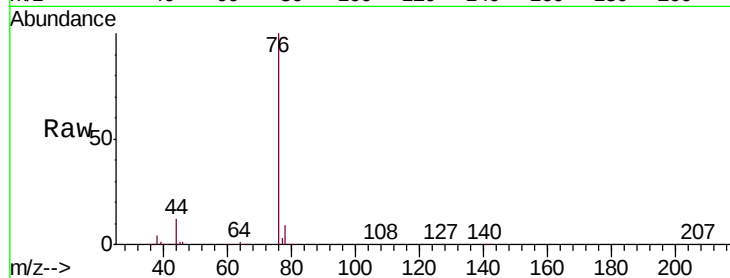
VSTDCCC050

Tgt Ion: 76 Resp: 433411

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

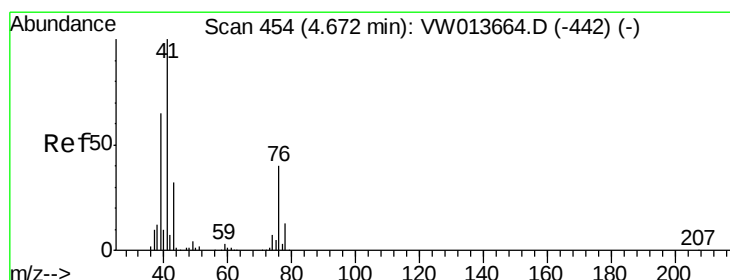
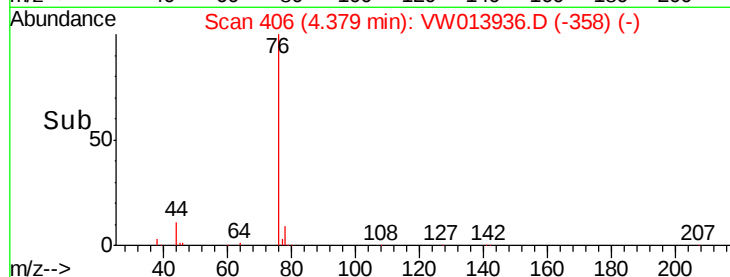
150000

100000

50000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 47.048 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW013936.D

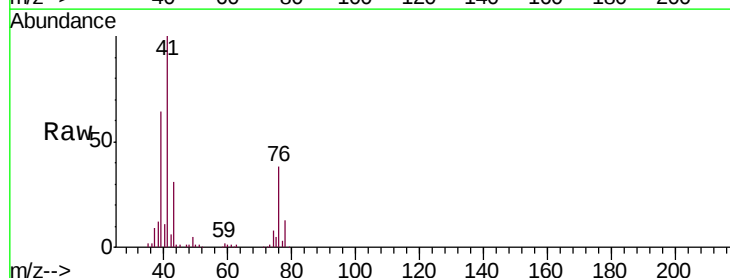
Acq: 08 Nov 2019 10:41

Tgt Ion: 43 Resp: 67180

Ion Ratio Lower Upper

43 100

74 25.4 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

25000

20000

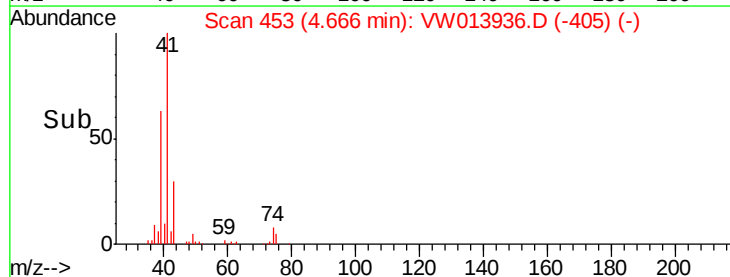
15000

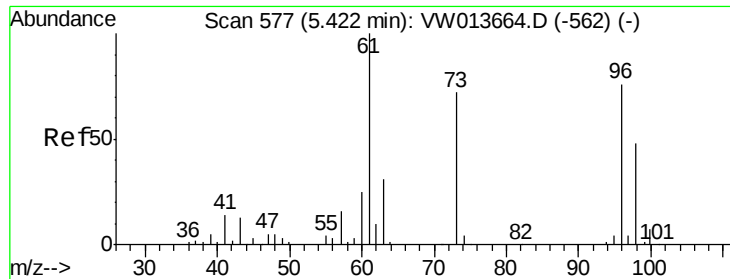
10000

5000

0

Time--> 4.60 4.70 4.80

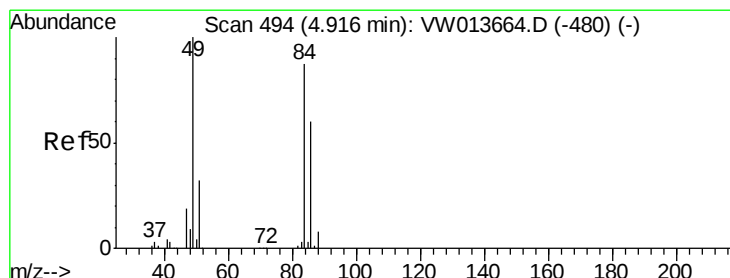
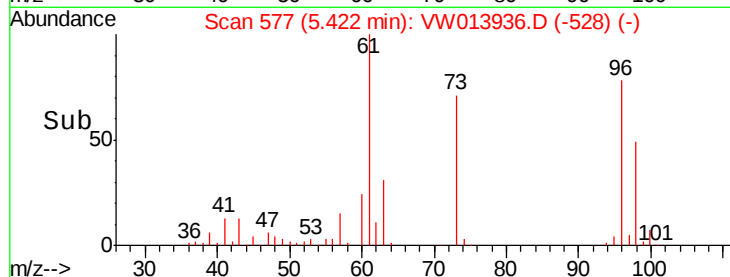
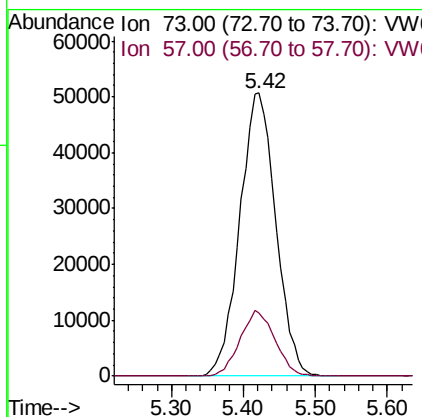
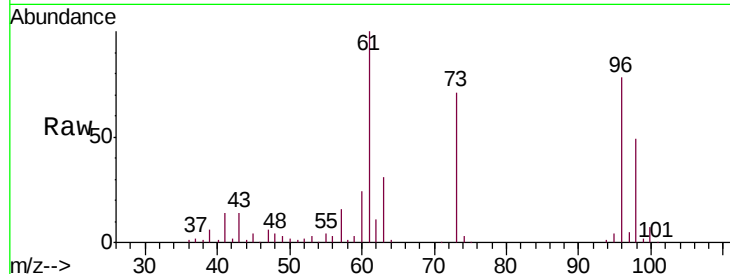




#19
Methyl tert-butyl Ether
Concen: 49.784 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

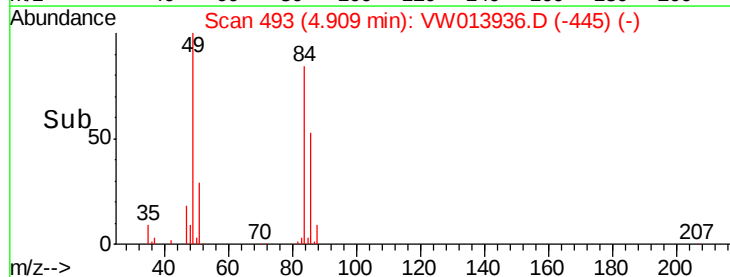
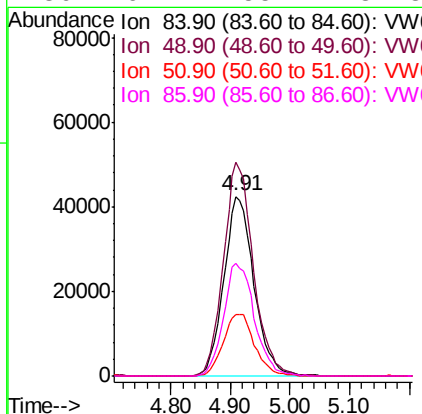
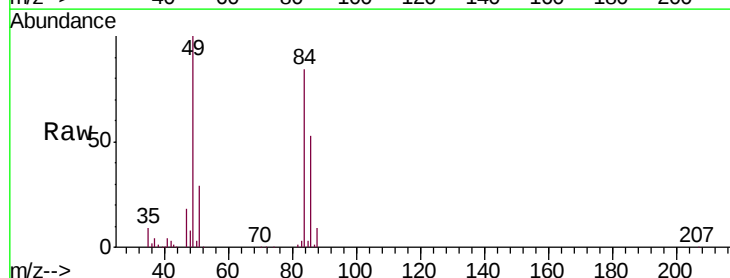
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

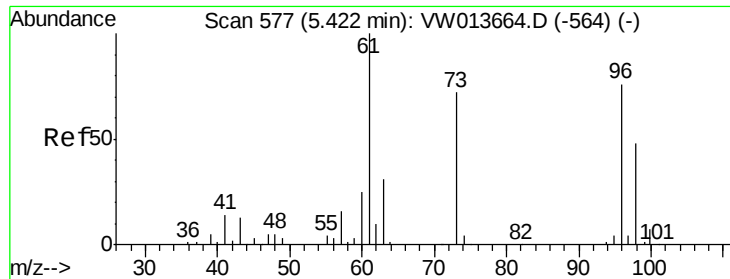
Tgt Ion: 73 Resp: 175467
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4



#20
Methylene Chloride
Concen: 51.891 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Tgt Ion: 84 Resp: 148203
Ion Ratio Lower Upper
84 100
49 119.0 91.8 137.6
51 34.3 29.8 44.6
86 62.7 55.2 82.8





#21

trans-1,2-Dichloroethene

Concen: 50.904 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

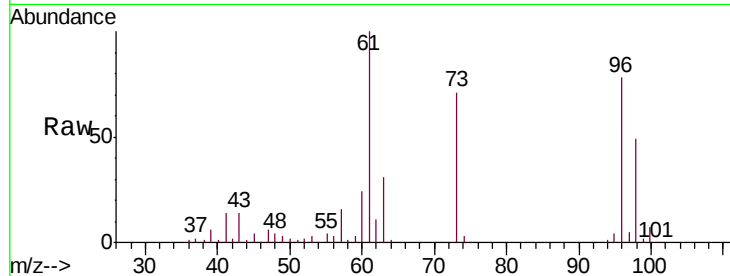
Tgt Ion: 96 Resp: 160917

Ion Ratio Lower Upper

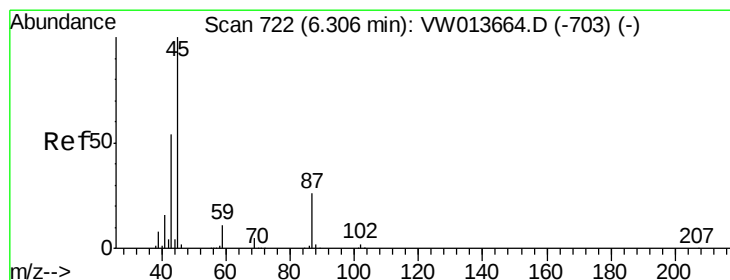
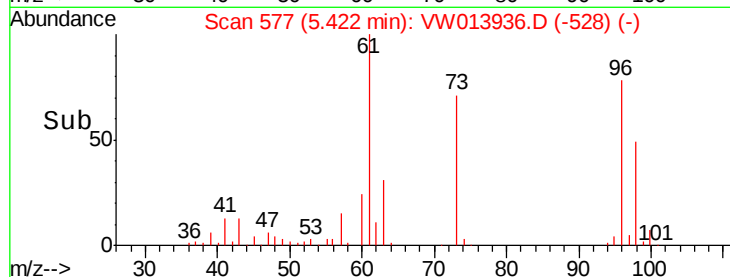
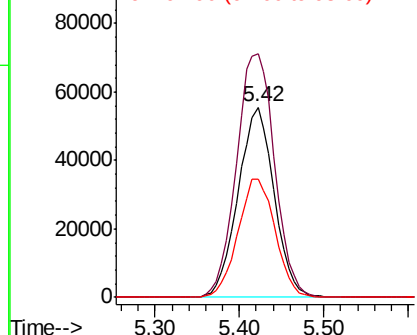
96 100

61 127.8 104.8 157.2

98 62.3 50.6 76.0



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



#22

Diisopropyl ether

Concen: 50.646 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Tgt Ion: 45 Resp: 417232

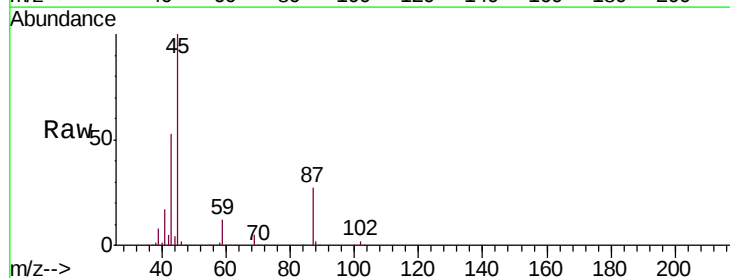
Ion Ratio Lower Upper

45 100

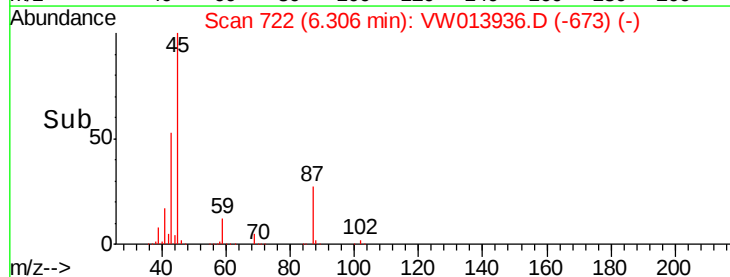
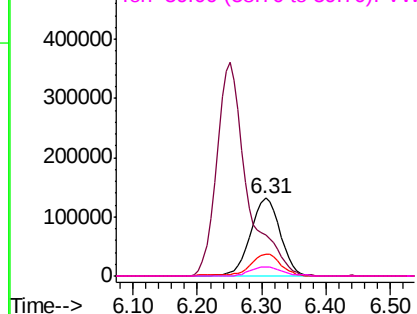
43 52.1 43.4 65.2

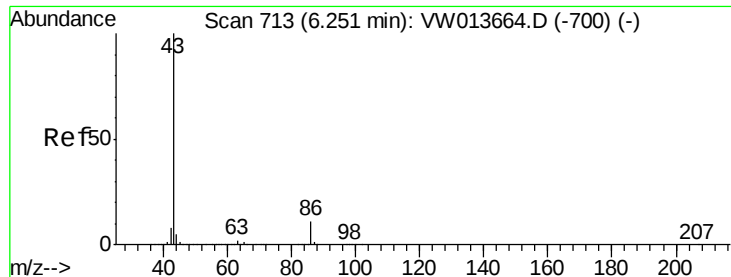
87 27.3 21.5 32.3

59 11.9 9.2 13.8



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: 248.501 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

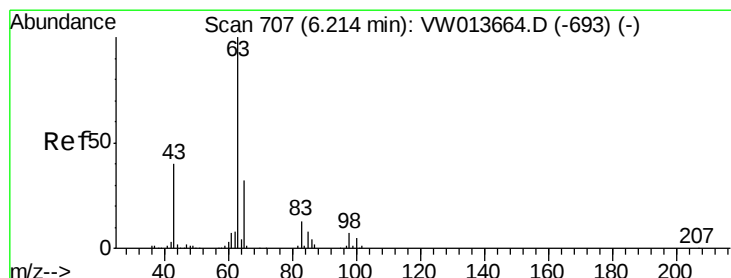
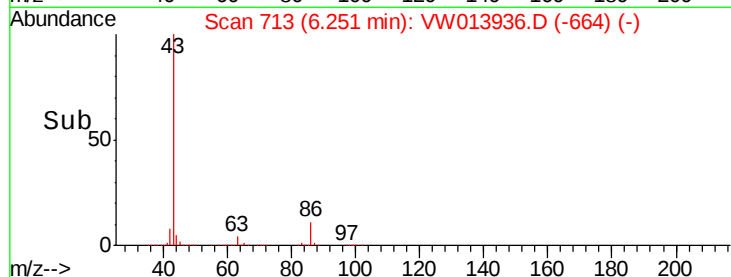
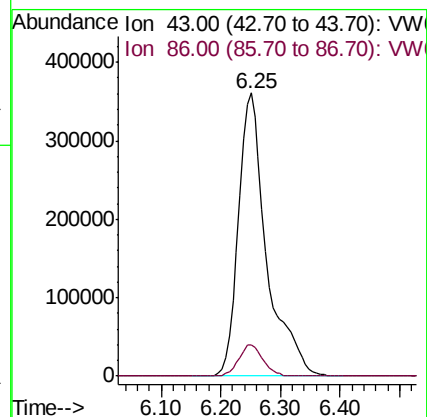
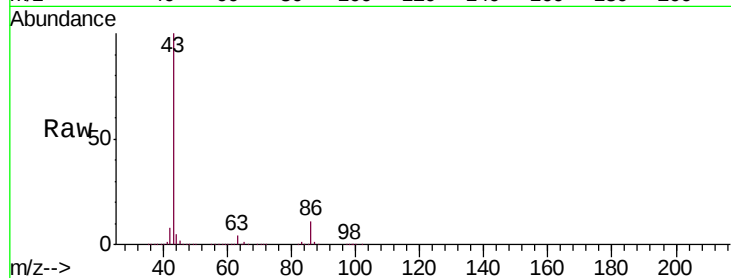
VSTDCCC050

Tgt Ion: 43 Resp: 1187864

Ion Ratio Lower Upper

43 100

86 11.1 9.0 13.6



#24

1,1-Dichloroethane

Concen: 51.383 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

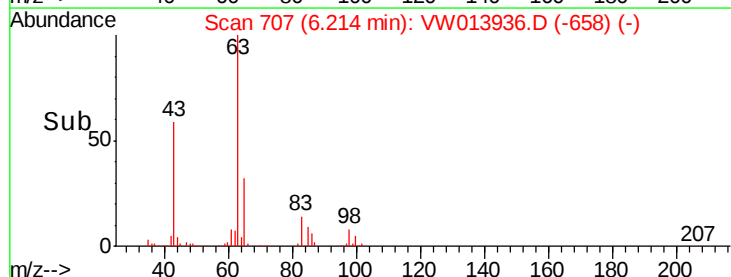
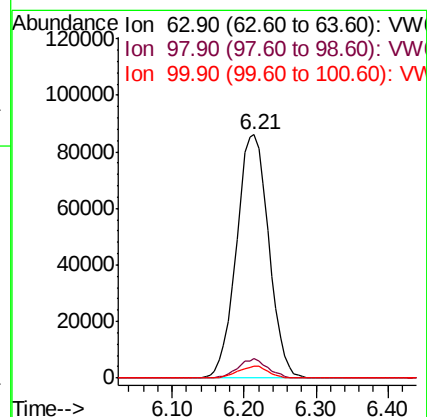
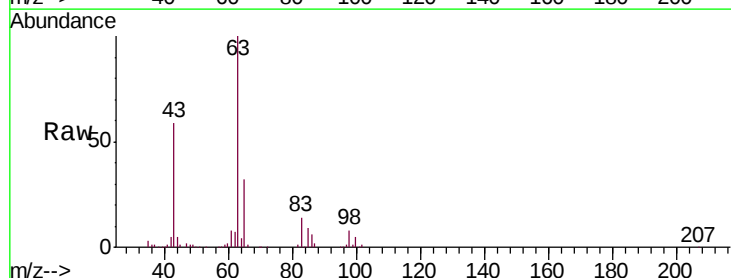
Tgt Ion: 63 Resp: 268085

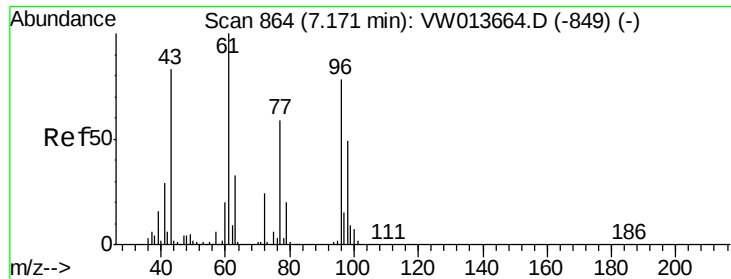
Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 261.270 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

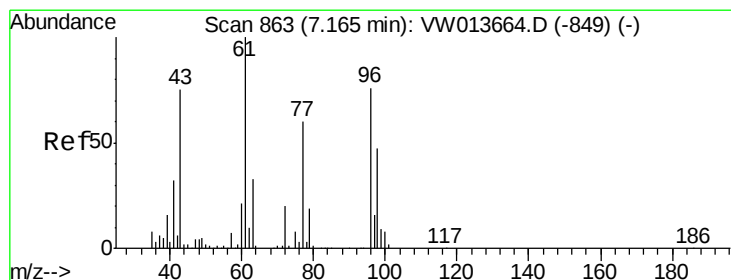
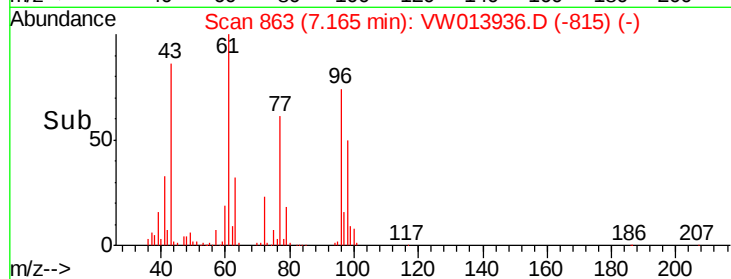
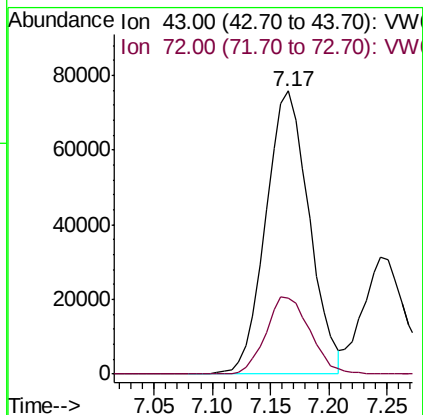
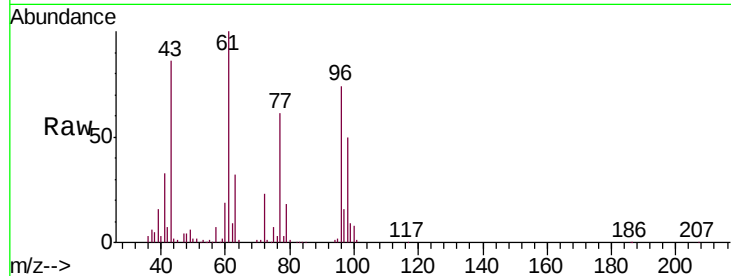
VSTDCCC050

Tgt Ion: 43 Resp: 195664

Ion Ratio Lower Upper

43 100

72 26.7 23.6 35.4



#26

2,2-Dichloropropane

Concen: 53.080 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013936.D

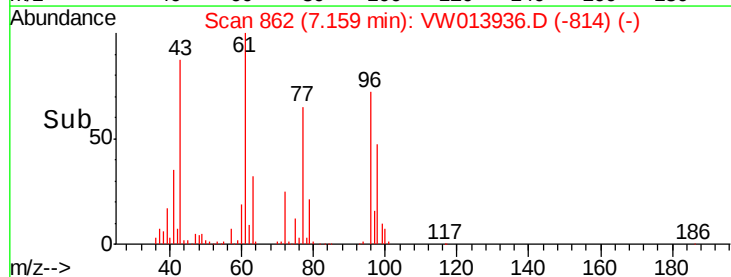
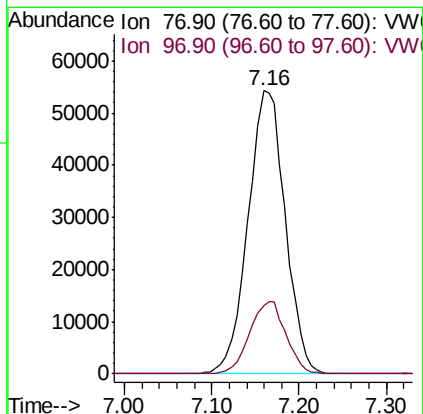
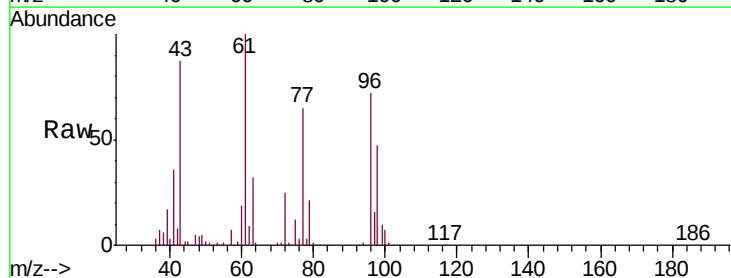
Acq: 08 Nov 2019 10:41

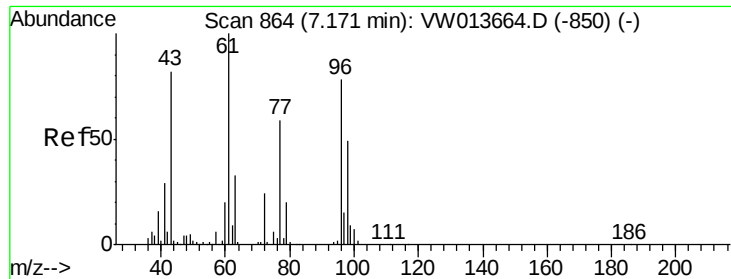
Tgt Ion: 77 Resp: 160141

Ion Ratio Lower Upper

77 100

97 25.0 12.8 38.4



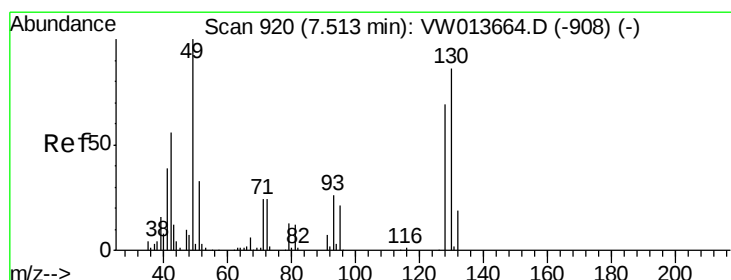
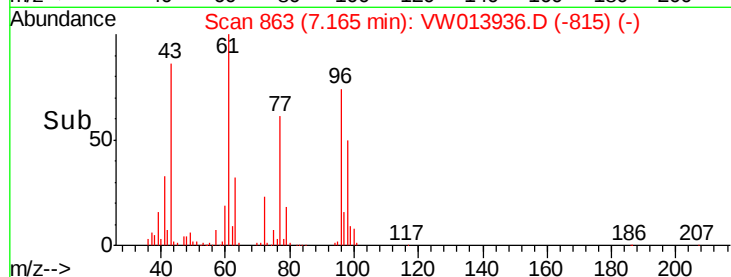
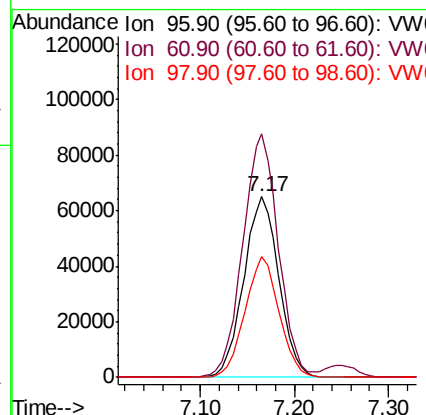
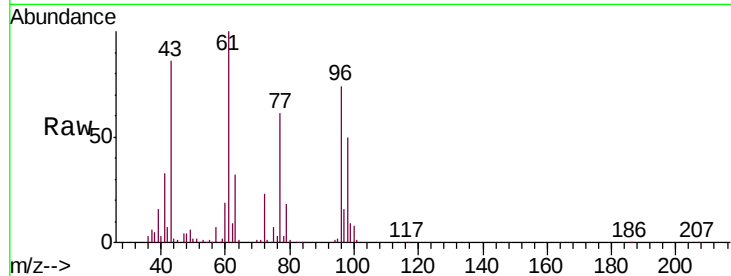


#27

cis-1,2-Dichloroethene
Concen: 50.545 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

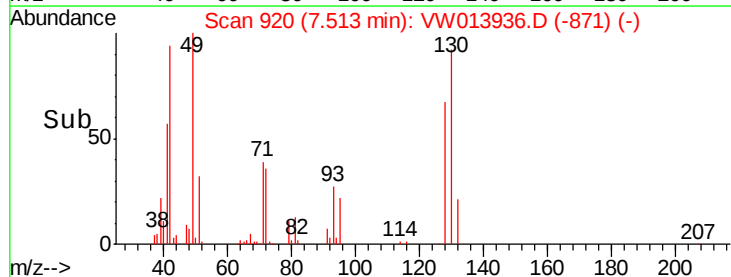
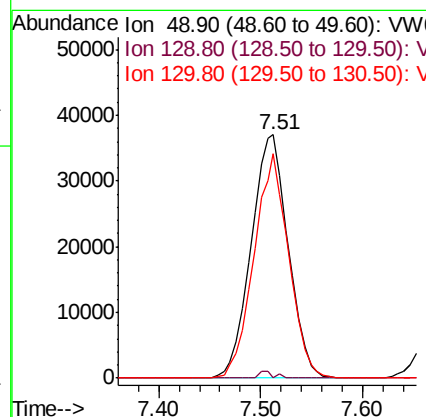
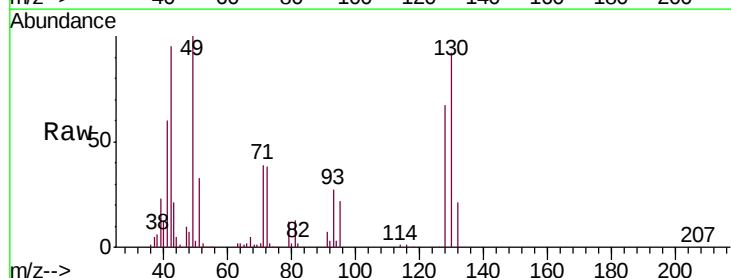
Tgt Ion: 96 Resp: 169714
Ion Ratio Lower Upper
96 100
61 136.2 0.0 266.0
98 64.9 0.0 126.8

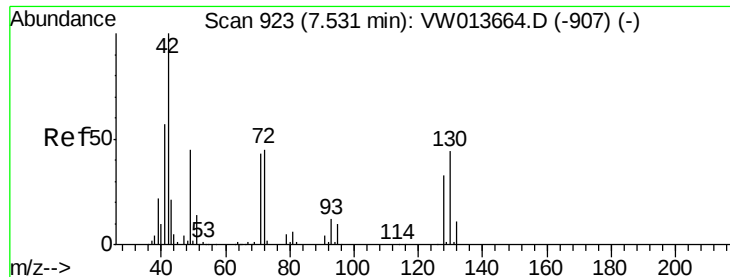


#28

Bromochloromethane
Concen: 50.300 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Tgt Ion: 49 Resp: 93517
Ion Ratio Lower Upper
49 100
129 1.1 0.0 0.6#
130 86.5 67.5 101.3

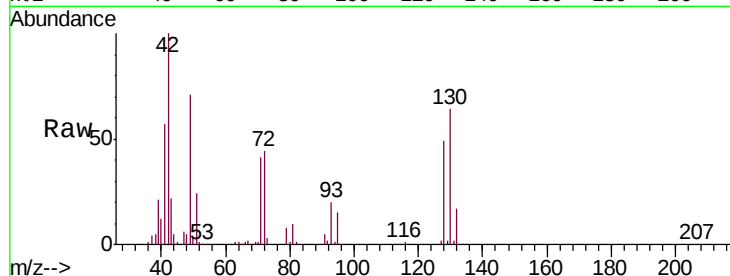




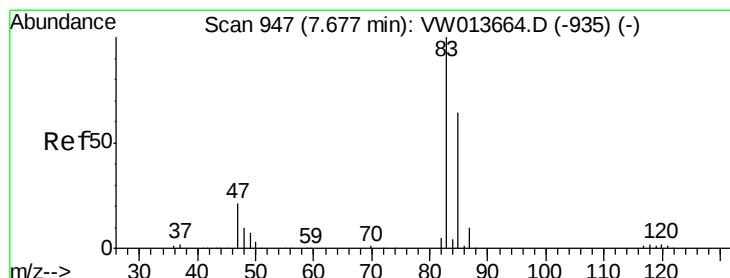
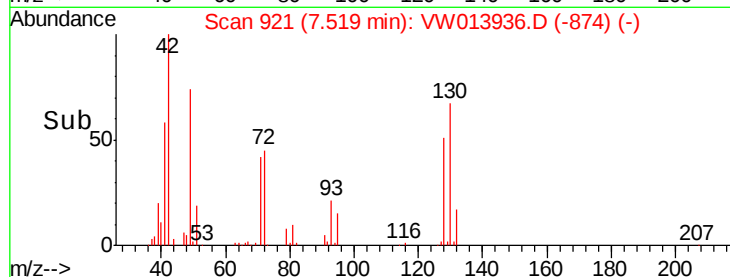
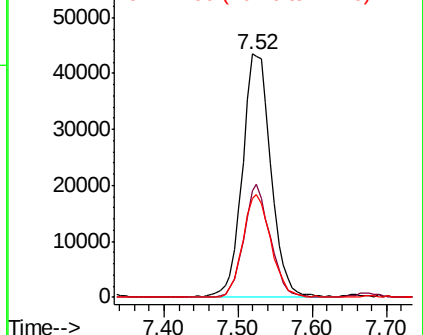
#29
Tetrahydrofuran
Concen: 253.291 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.01 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 117437
Ion Ratio Lower Upper
42 100
72 42.5 35.3 52.9
71 41.2 33.3 49.9

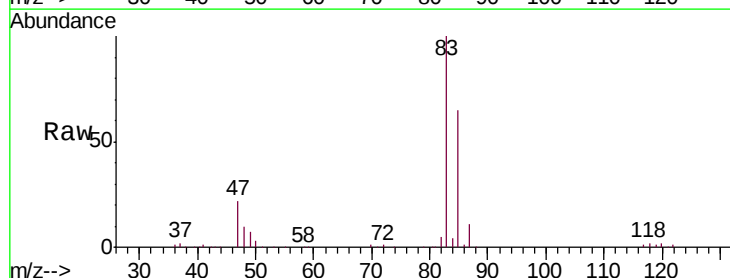


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

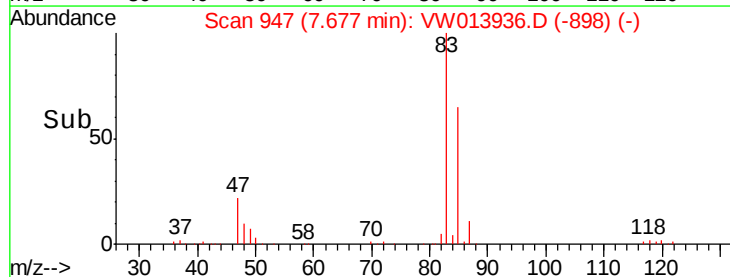
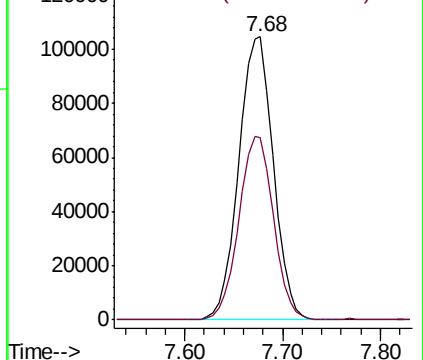


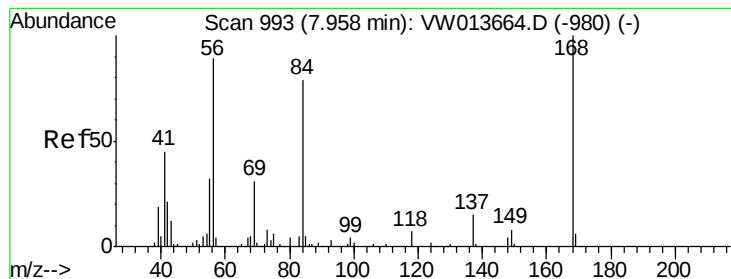
#30
Chloroform
Concen: 49.654 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Tgt Ion: 83 Resp: 256097
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.2



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





#31

Cyclohexane

Concen: 48.984 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

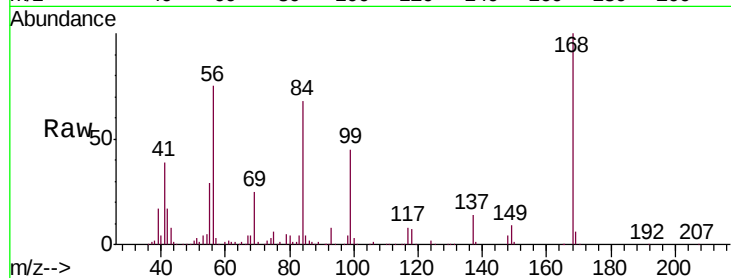
Tgt Ion: 56 Resp: 267457

Ion Ratio Lower Upper

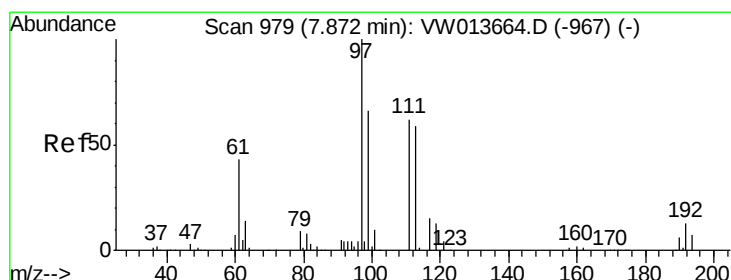
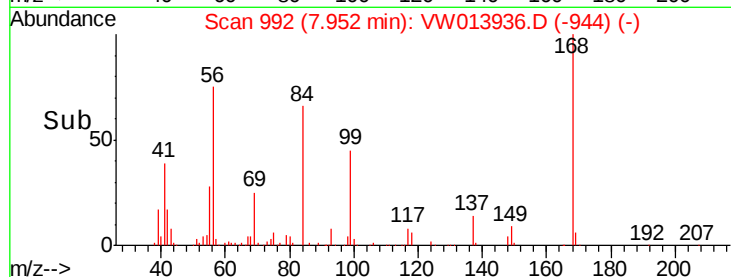
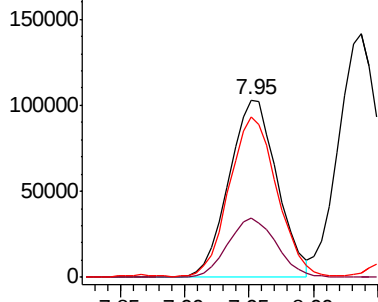
56 100

69 33.6 27.5 41.3

84 88.8 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: 54.260 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

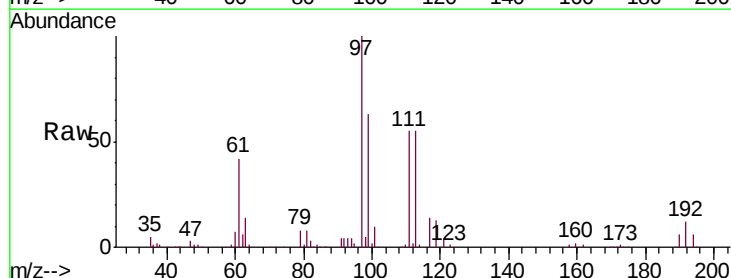
Tgt Ion: 97 Resp: 219611

Ion Ratio Lower Upper

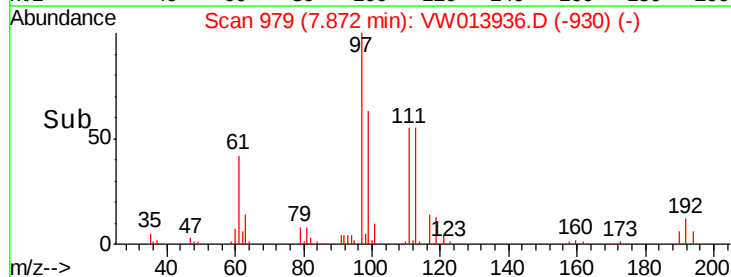
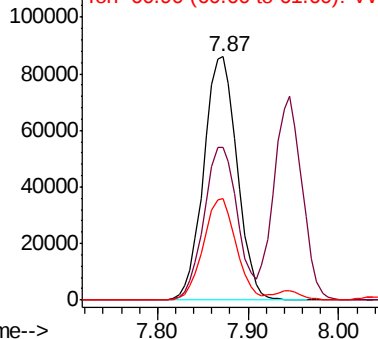
97 100

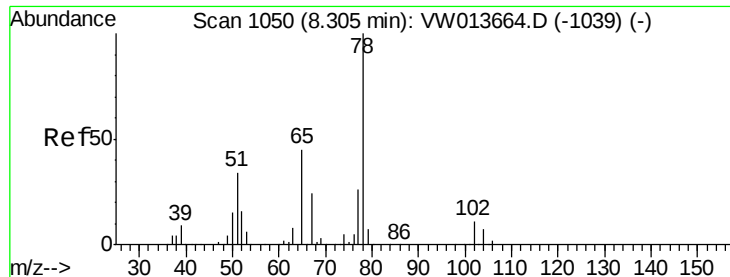
99 63.4 52.0 78.0

61 41.1 33.8 50.6



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





#33

1,2-Dichloroethane-d4

Concen: 48.923 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

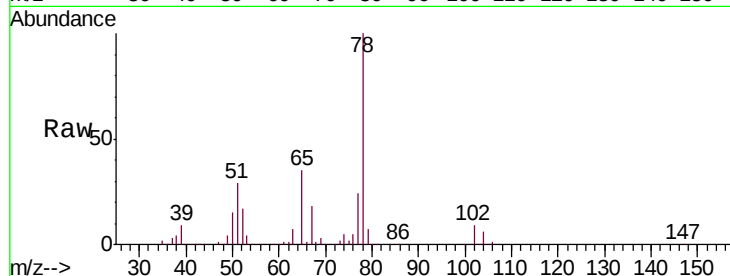
VSTDCCC050

Tgt Ion: 65 Resp: 120191

Ion Ratio Lower Upper

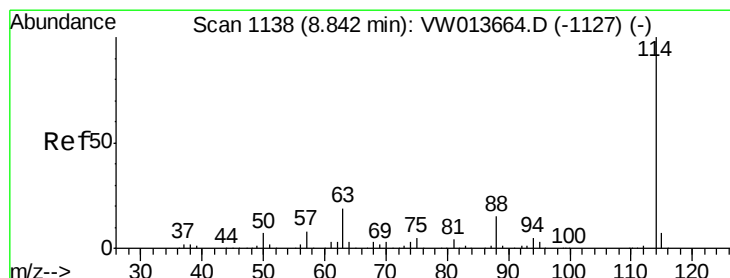
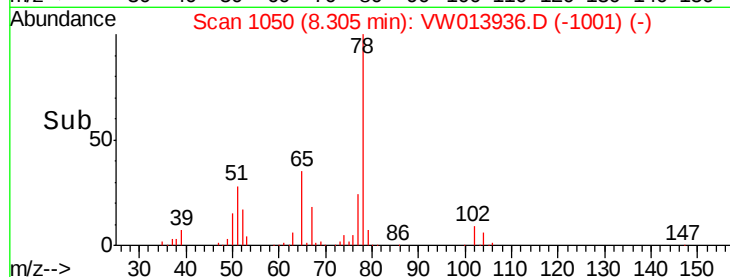
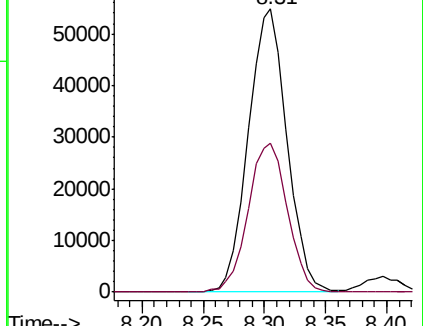
65 100

67 53.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

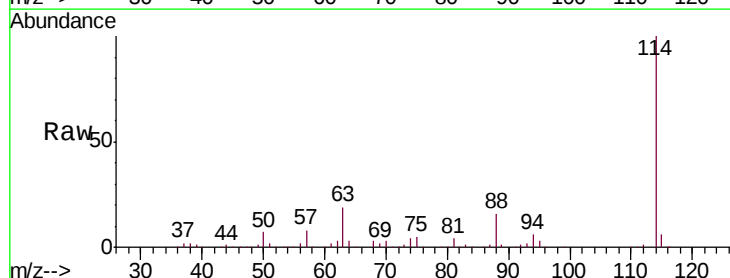
Tgt Ion: 114 Resp: 455467

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

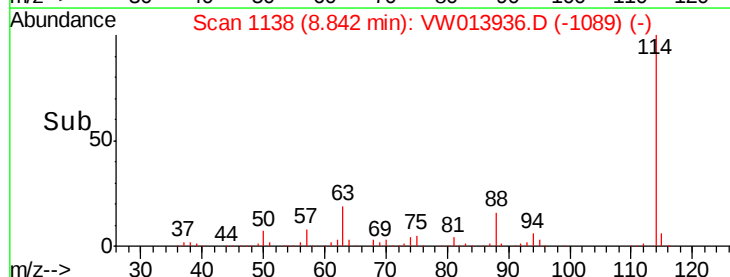
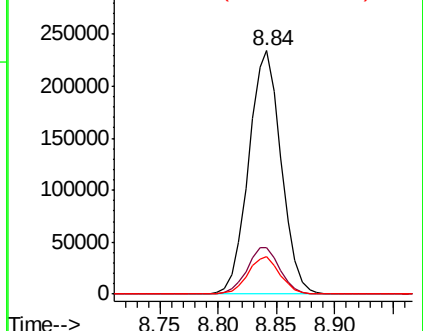
88 15.7 0.0 30.2

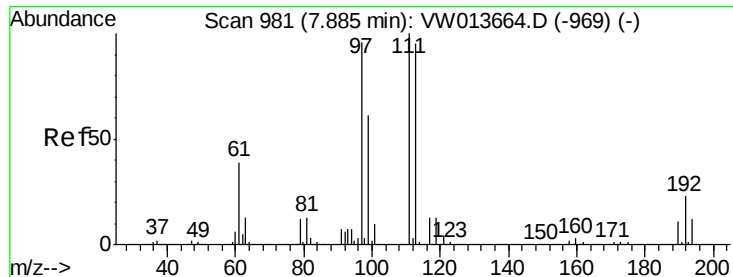


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

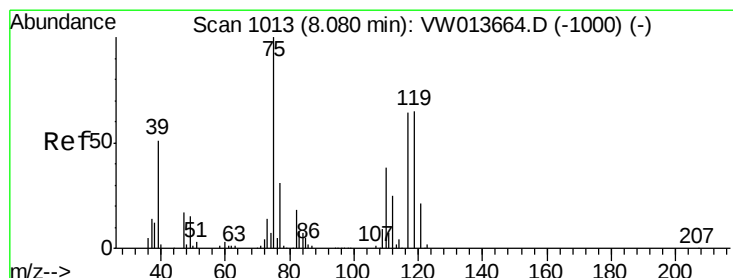
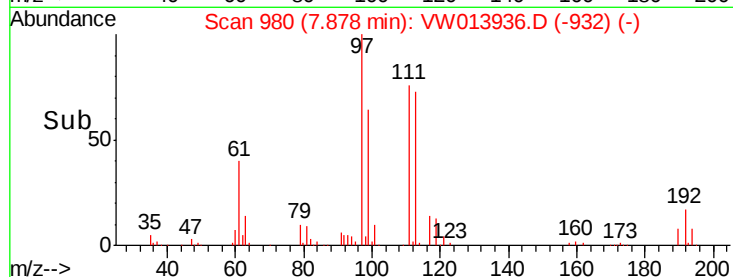
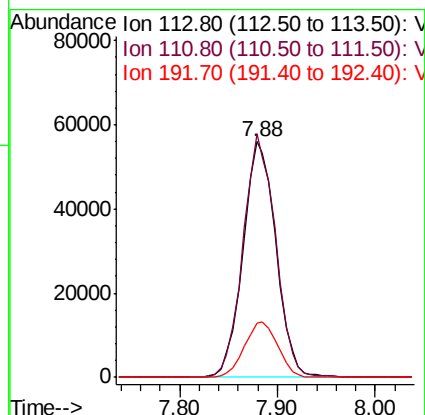
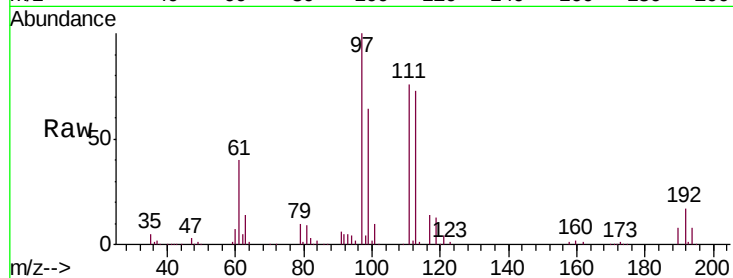




#35
 Dibromofluoromethane
 Concen: 51.708 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

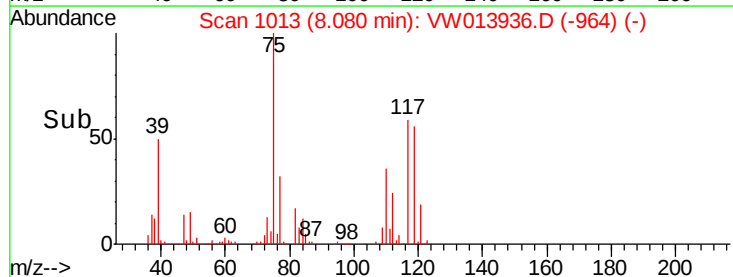
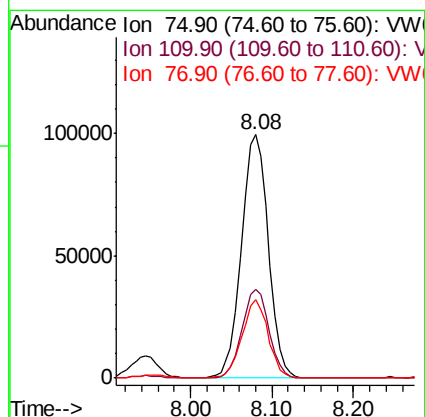
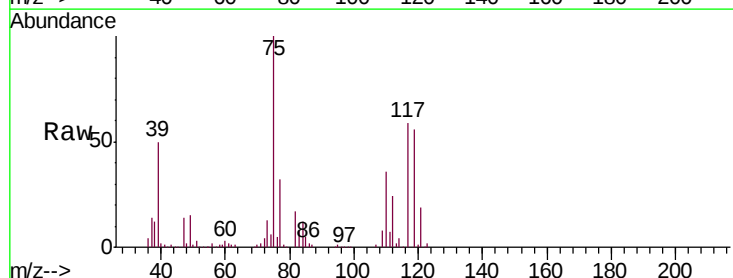
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

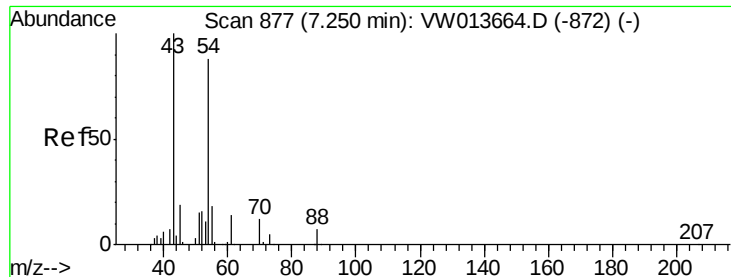
Tgt Ion:113 Resp: 130865
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.0 124.6
 192 23.8 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 53.526 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

Tgt Ion: 75 Resp: 227045
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.7 56.1
 77 31.2 25.4 38.0

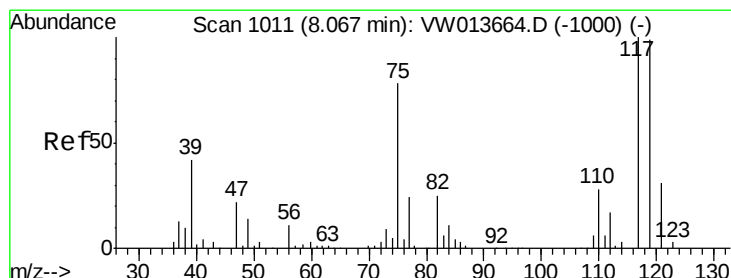
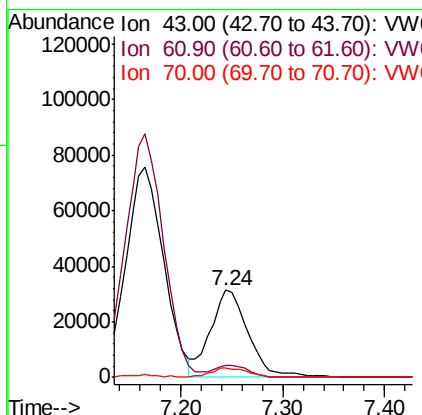
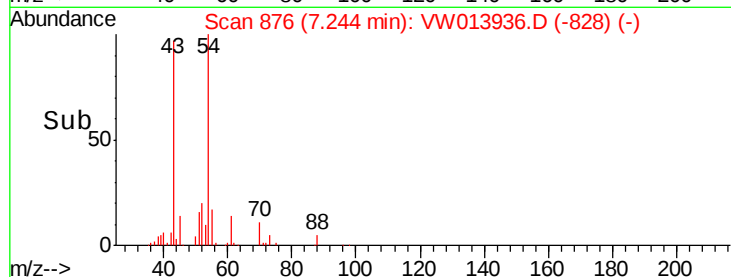
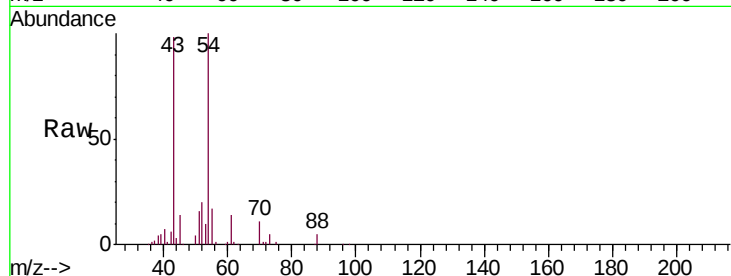




#37
Ethyl Acetate
Concen: 49.115 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

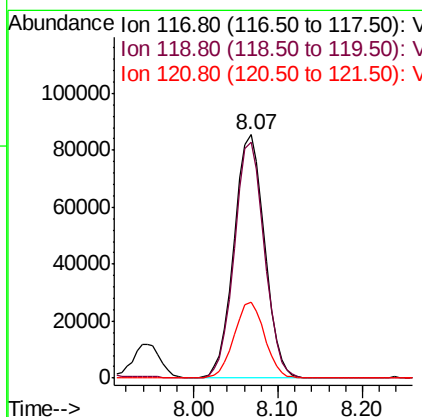
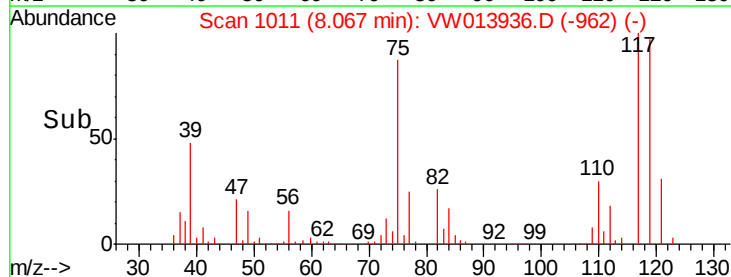
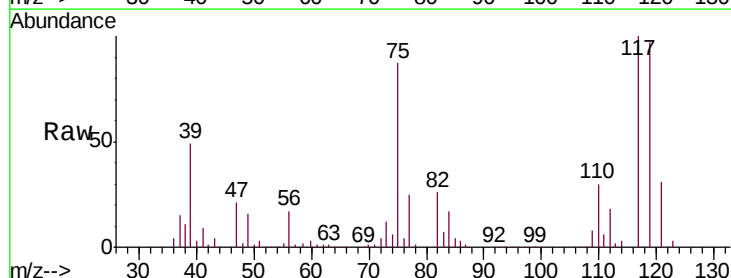
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

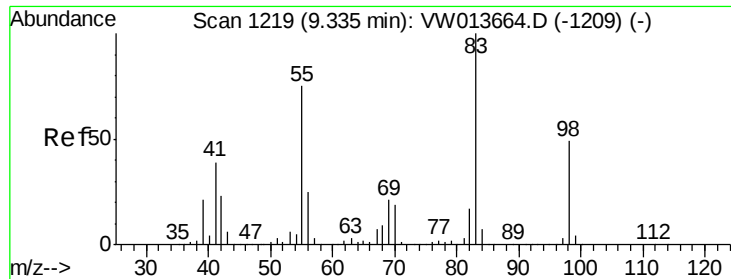
Tgt Ion: 43 Resp: 79751
Ion Ratio Lower Upper
43 100
61 13.8 11.7 17.5
70 10.9 8.8 13.2



#38
Carbon Tetrachloride
Concen: 54.792 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Tgt Ion: 117 Resp: 209293
Ion Ratio Lower Upper
117 100
119 97.0 79.0 118.4
121 31.2 24.5 36.7

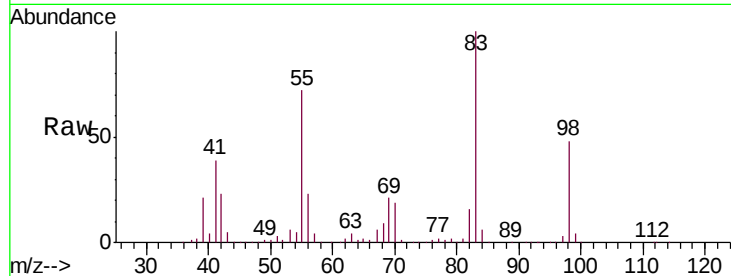




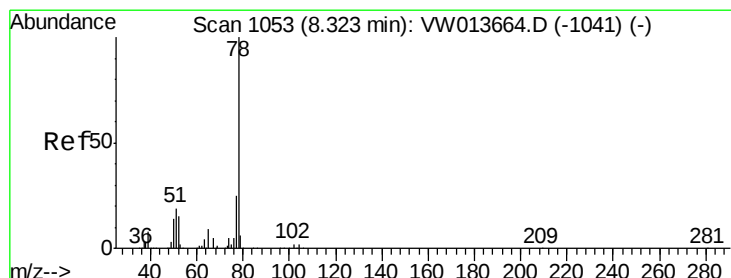
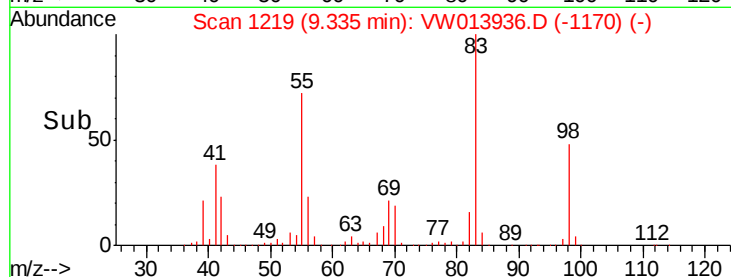
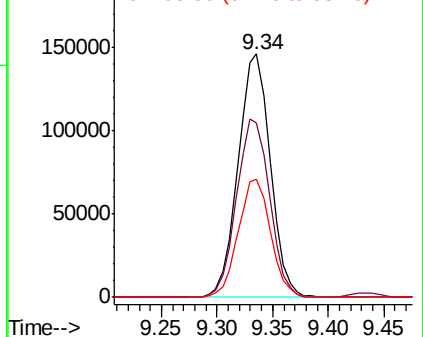
#39
Methylcyclohexane
Concen: 53.532 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 293239
Ion Ratio Lower Upper
83 100
55 71.8 59.9 89.9
98 48.4 39.4 59.2

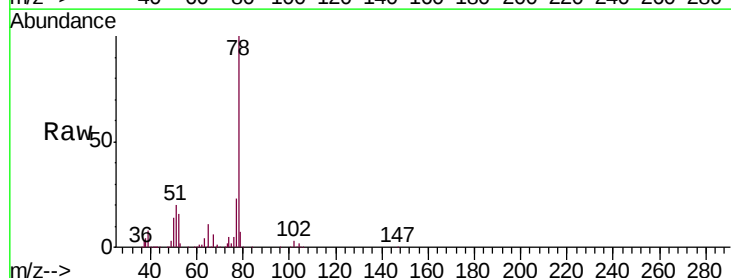


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

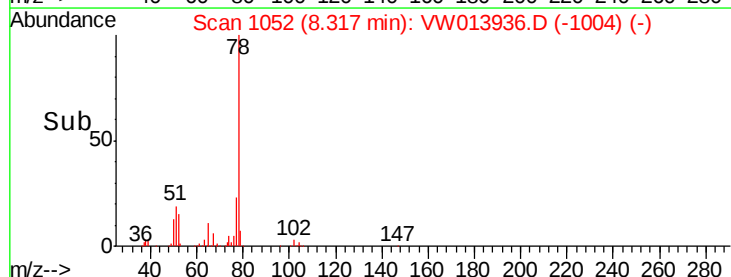
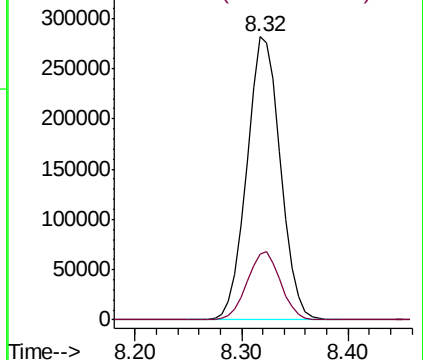


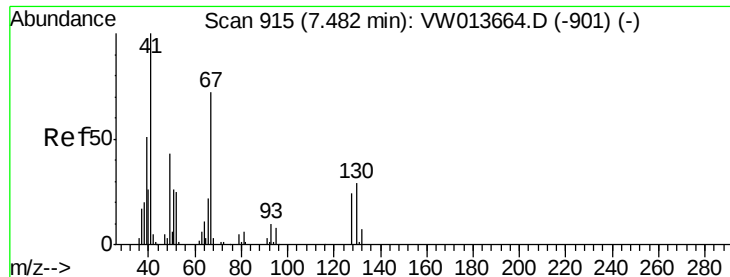
#40
Benzene
Concen: 51.931 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Tgt Ion: 78 Resp: 623401
Ion Ratio Lower Upper
78 100
77 23.3 19.6 29.4



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





#41

Methacrylonitrile

Concen: 48.834 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 49447

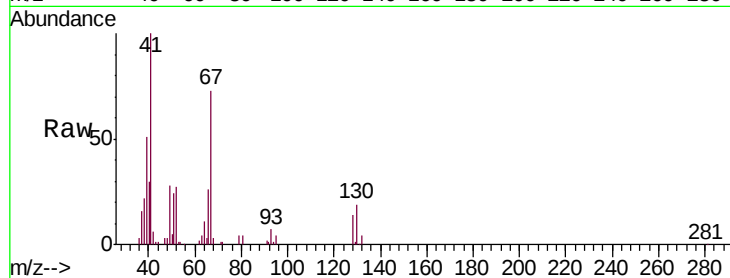
Ion Ratio Lower Upper

41 100

39 51.6 44.8 67.2

67 67.6 59.3 88.9

52 27.9 23.4 35.0

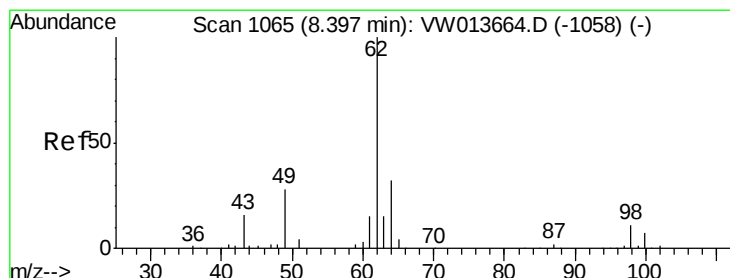
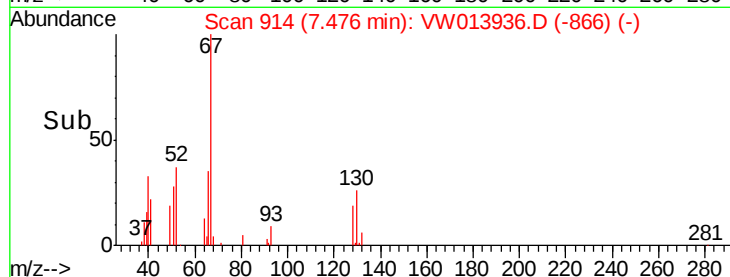
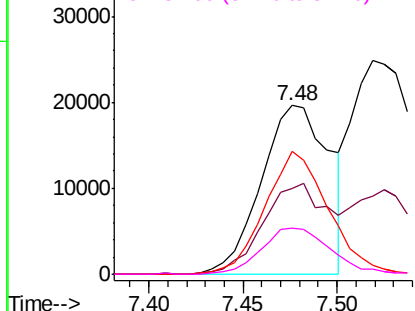


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 50.512 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW013936.D

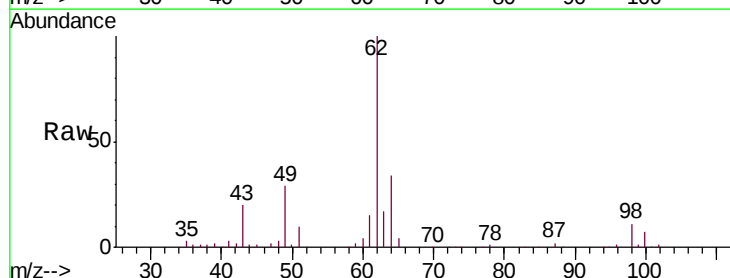
Acq: 08 Nov 2019 10:41

Tgt Ion: 62 Resp: 152799

Ion Ratio Lower Upper

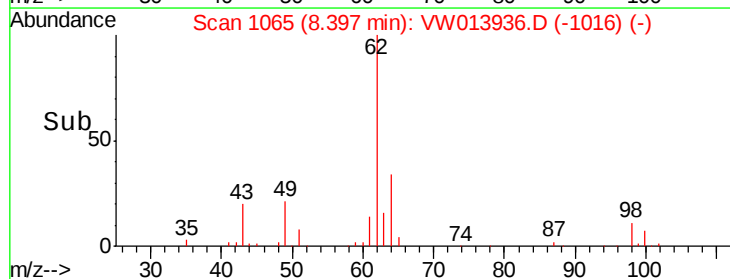
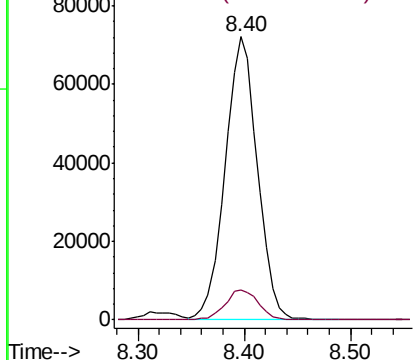
62 100

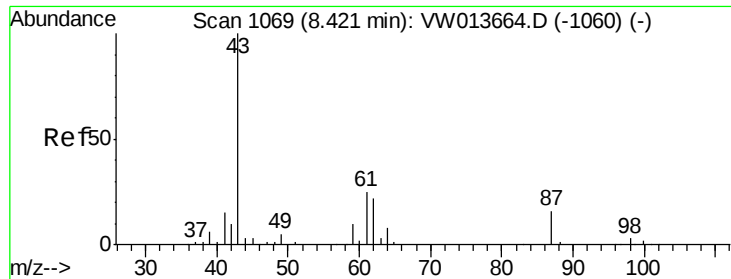
98 10.9 0.0 22.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 48.255 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

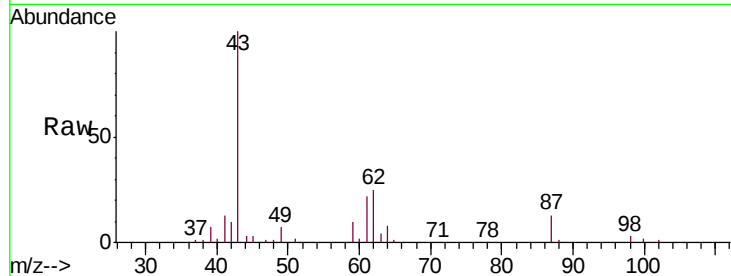
Tgt Ion: 43 Resp: 149983

Ion Ratio Lower Upper

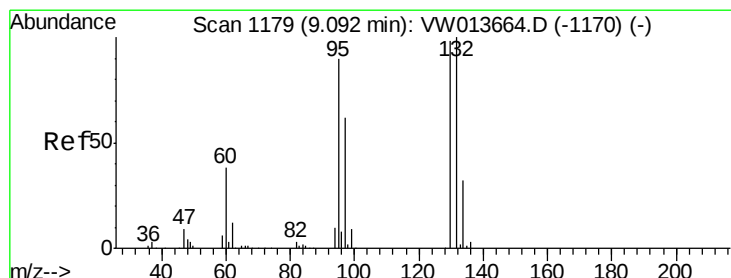
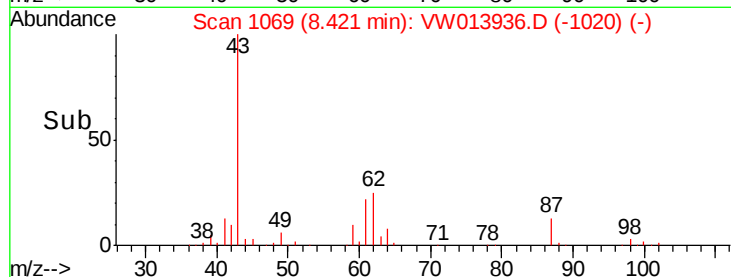
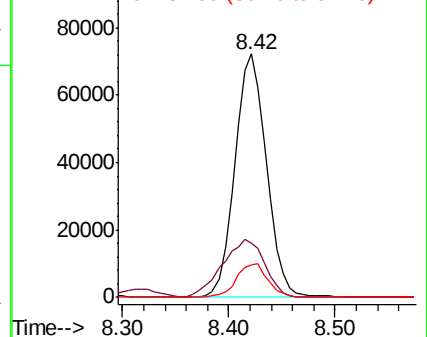
43 100

61 32.0 26.1 39.1

87 13.9 11.4 17.0



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



#44

Trichloroethene

Concen: 51.914 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013936.D

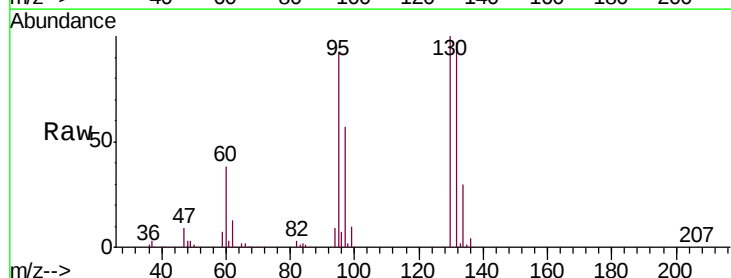
Acq: 08 Nov 2019 10:41

Tgt Ion: 130 Resp: 178513

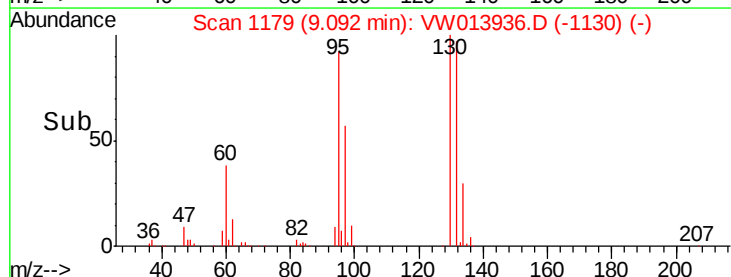
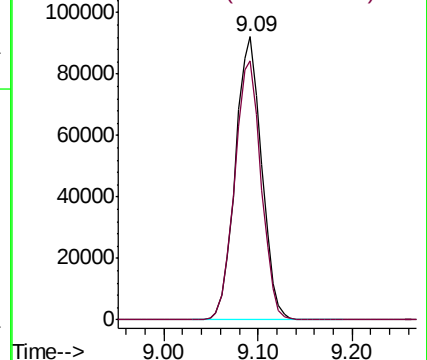
Ion Ratio Lower Upper

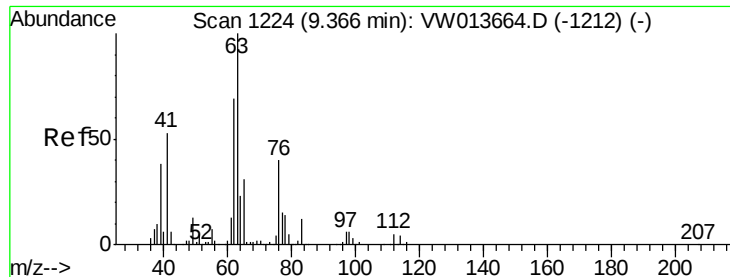
130 100

95 91.6 0.0 184.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 51.154 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

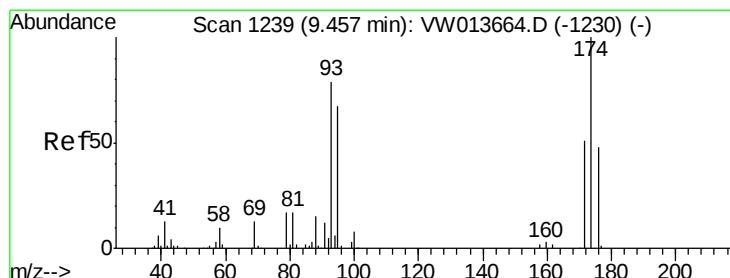
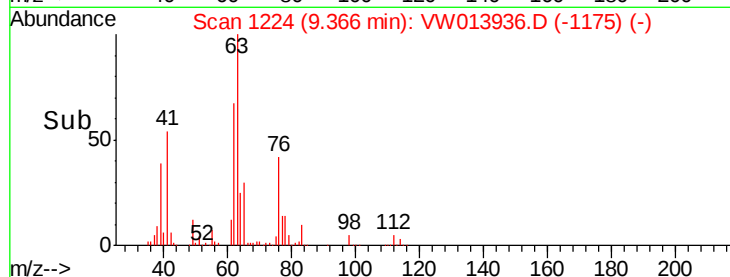
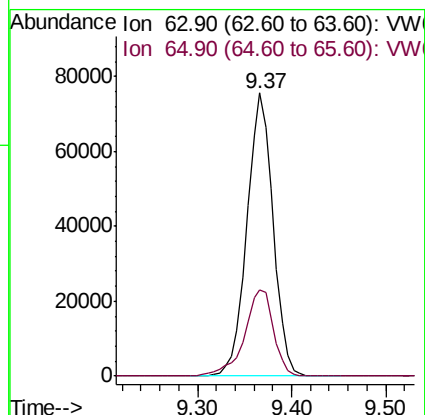
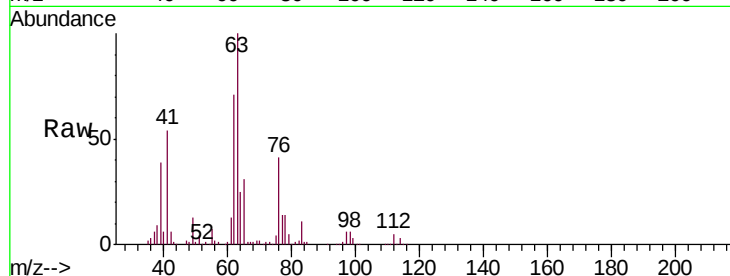
VSTDCCC050

Tgt Ion: 63 Resp: 146675

Ion Ratio Lower Upper

63 100

65 30.6 25.2 37.8



#46

Dibromomethane

Concen: 50.522 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

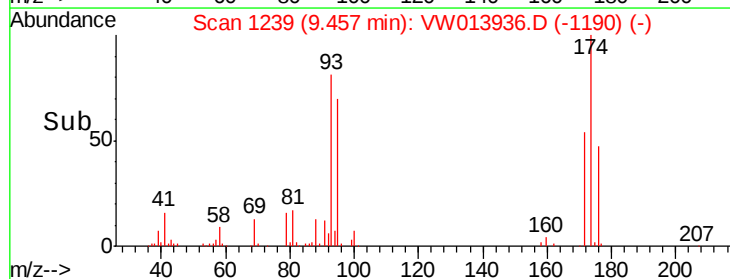
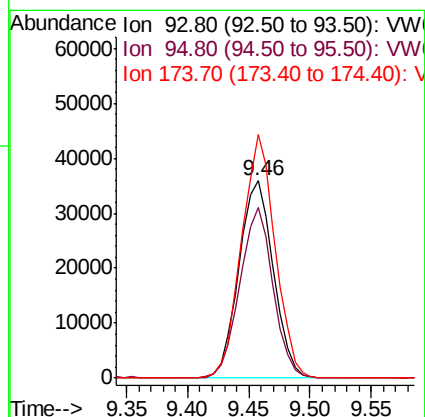
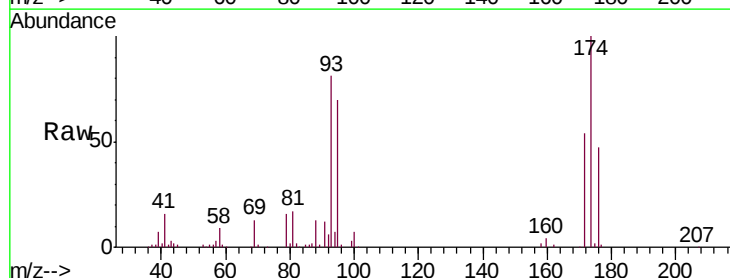
Tgt Ion: 93 Resp: 70310

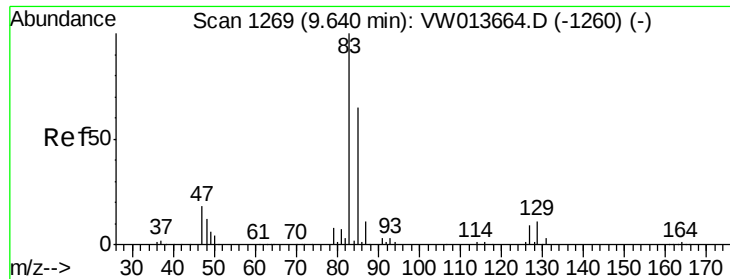
Ion Ratio Lower Upper

93 100

95 83.1 66.5 99.7

174 120.0 99.6 149.4





#47

Bromodichloromethane

Concen: 51.455 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

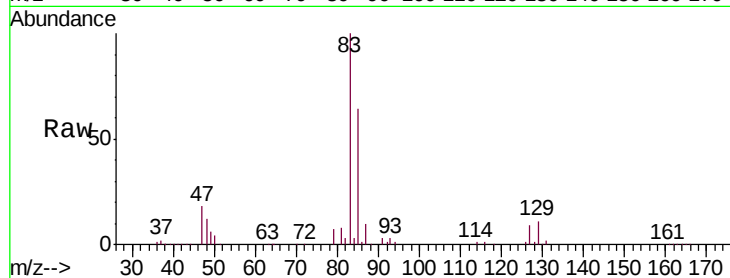
Tgt Ion: 83 Resp: 185281

Ion Ratio Lower Upper

83 100

85 64.1 51.8 77.6

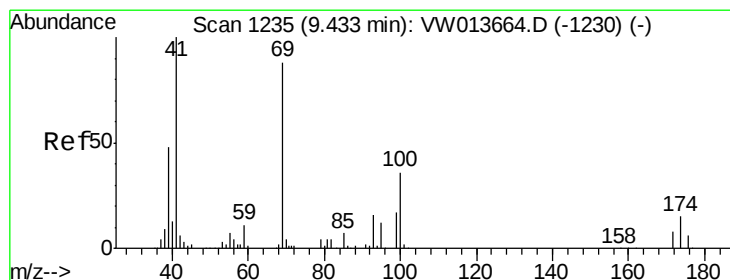
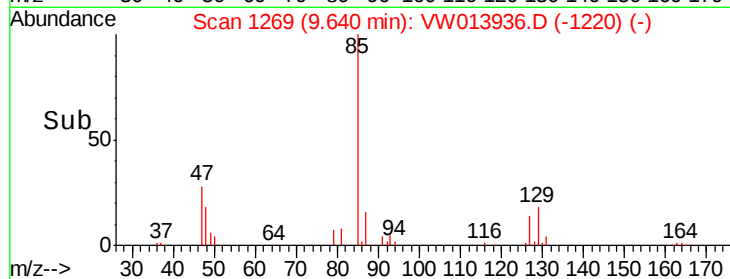
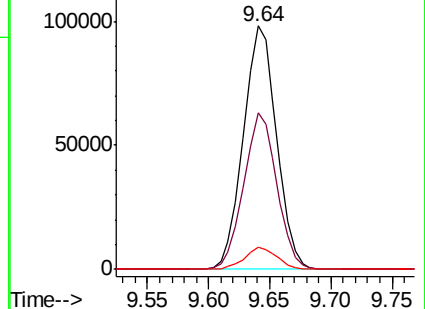
127 9.0 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.872 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

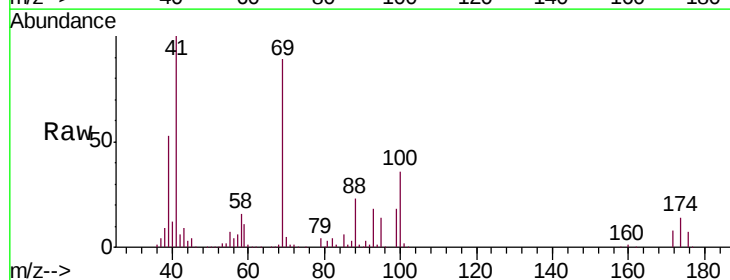
Tgt Ion: 41 Resp: 75326

Ion Ratio Lower Upper

41 100

69 87.8 67.6 101.4

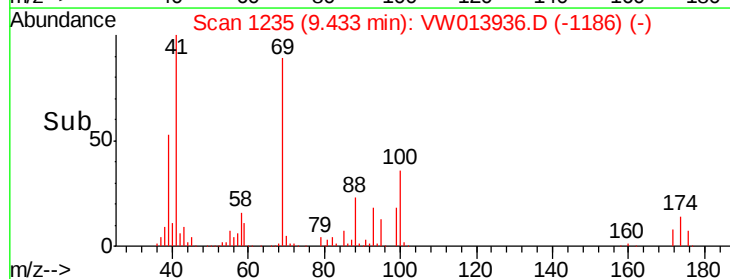
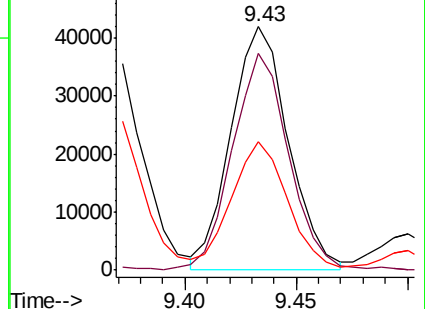
39 48.8 38.6 58.0

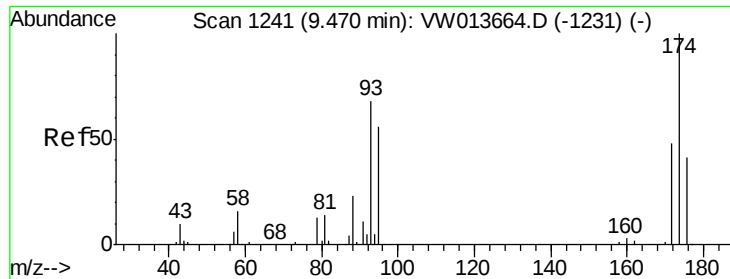


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

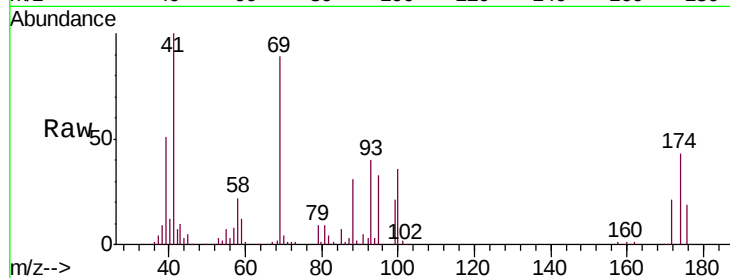




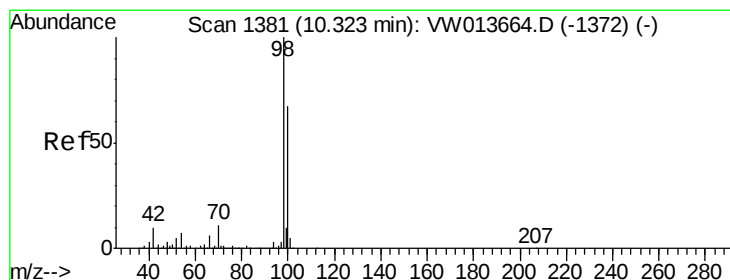
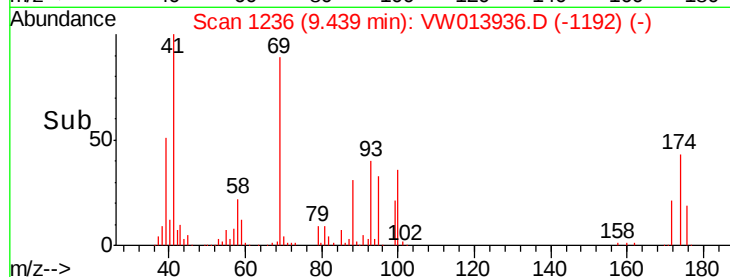
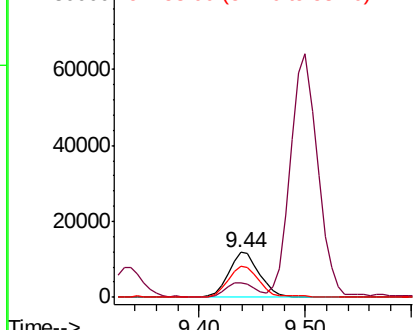
#49
 1,4-Dioxane
 Concen: 1169.380 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.03 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 24048
 Ion Ratio Lower Upper
 88 100
 43 31.2 0.0 0.0#
 58 68.1 58.9 88.3

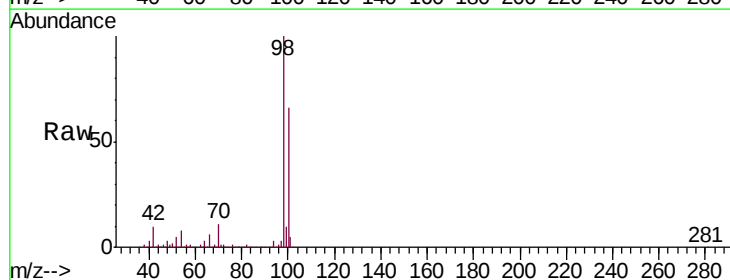


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

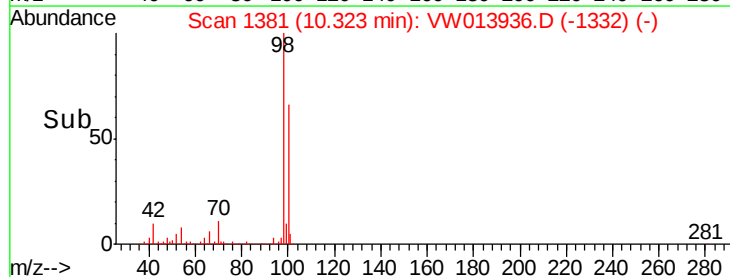
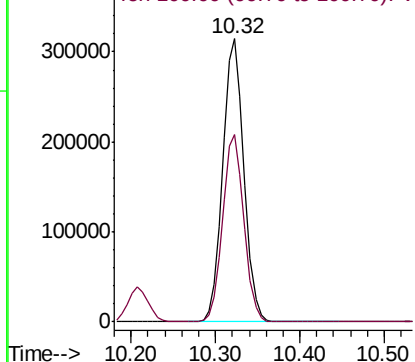


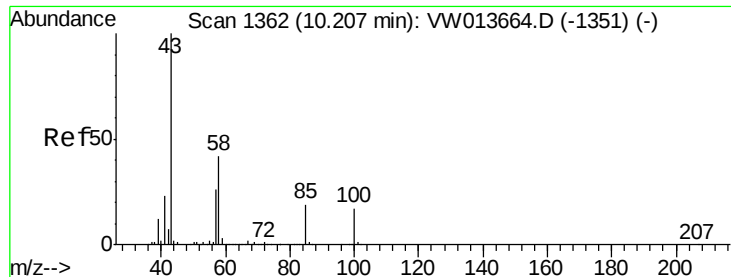
#50
 Toluene-d8
 Concen: 52.622 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

Tgt Ion: 98 Resp: 542667
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.4 80.0



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





#51

4-Methyl-2-Pentanone

Concen: 245.604 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

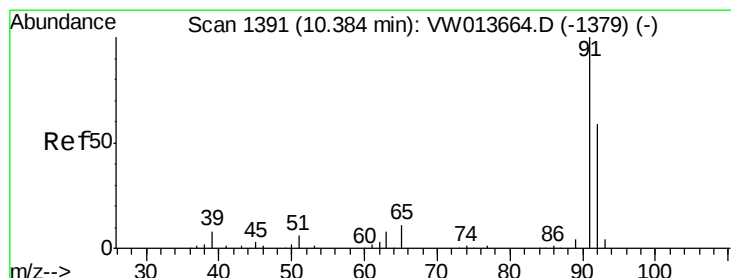
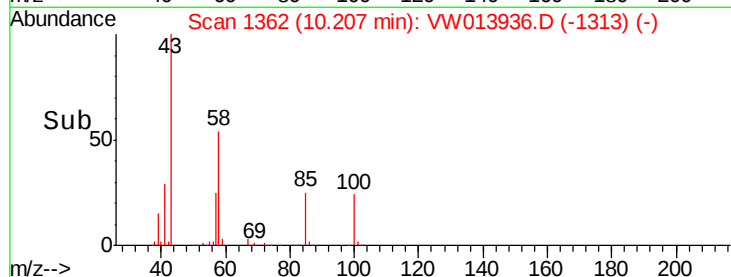
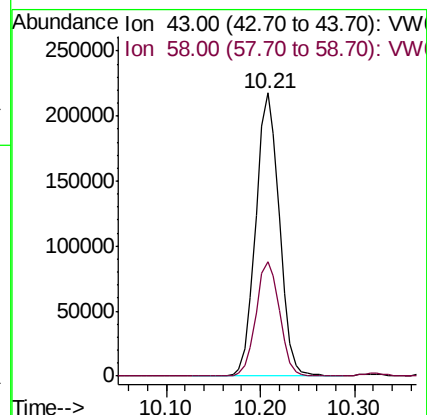
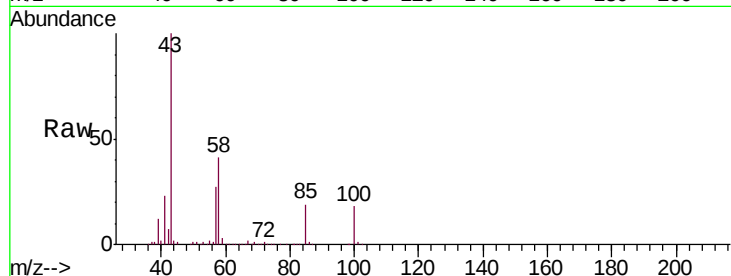
VSTDCCC050

Tgt Ion: 43 Resp: 379328

Ion Ratio Lower Upper

43 100

58 40.6 32.6 49.0



#52

Toluene

Concen: 52.313 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013936.D

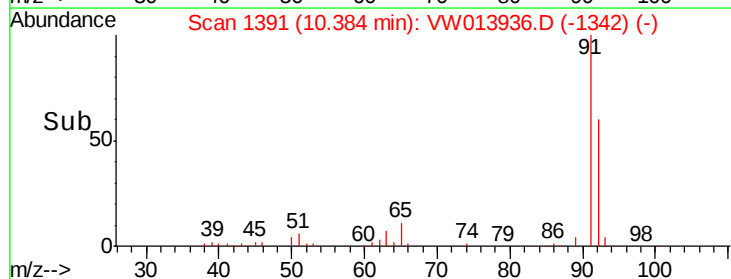
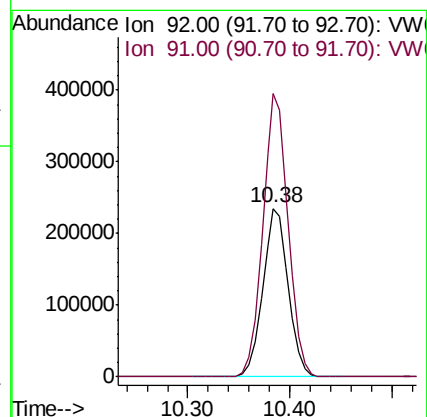
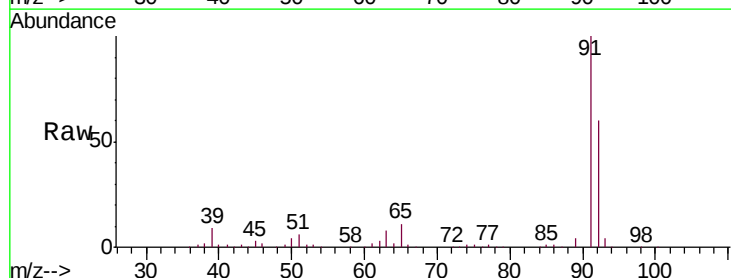
Acq: 08 Nov 2019 10:41

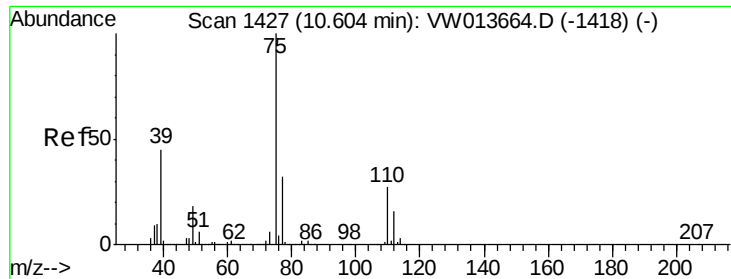
Tgt Ion: 92 Resp: 405071

Ion Ratio Lower Upper

92 100

91 167.7 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 51.862 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

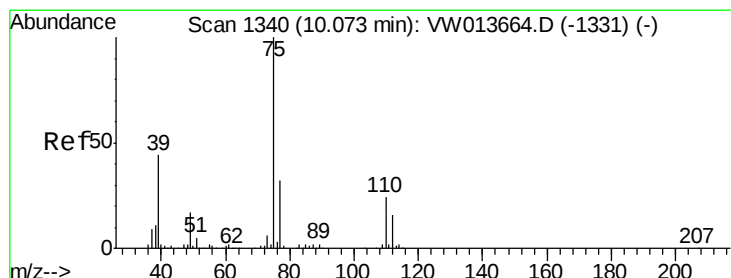
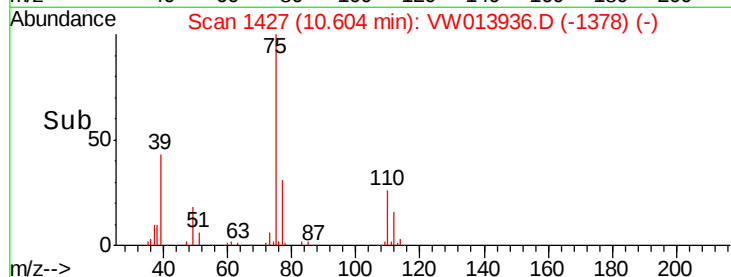
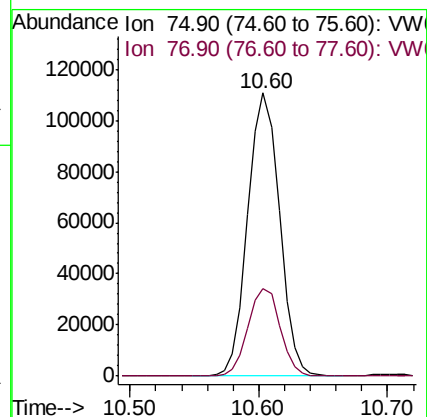
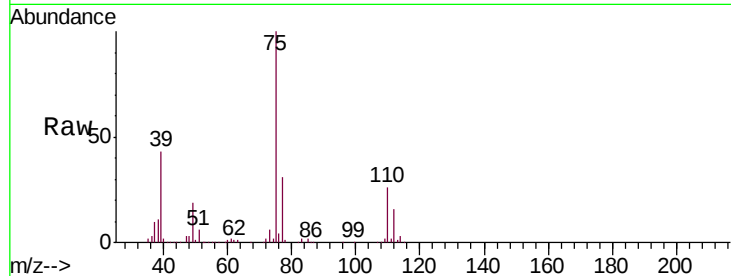
VSTDCCC050

Tgt Ion: 75 Resp: 189049

Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 51.426 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

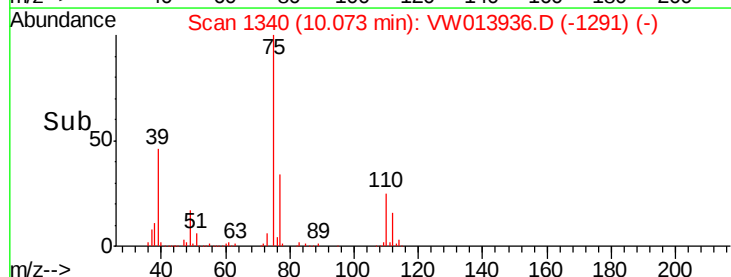
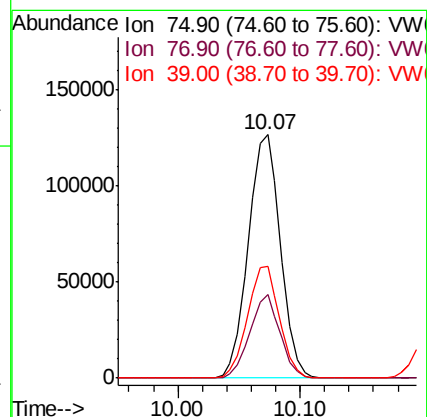
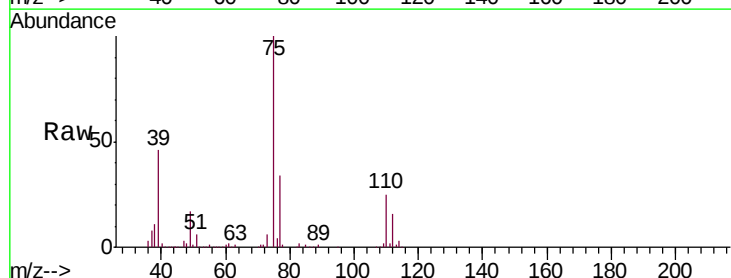
Tgt Ion: 75 Resp: 231284

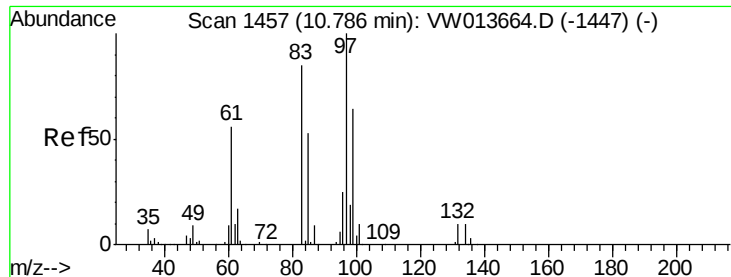
Ion Ratio Lower Upper

75 100

77 34.2 25.8 38.6

39 45.7 35.3 52.9

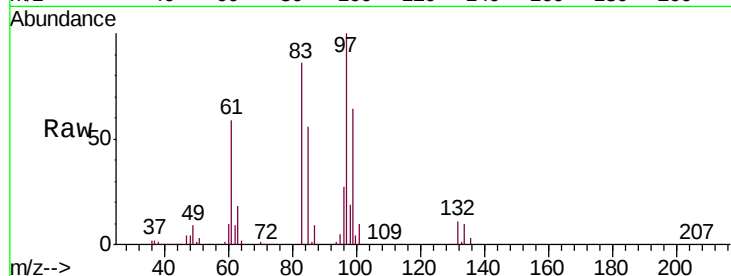




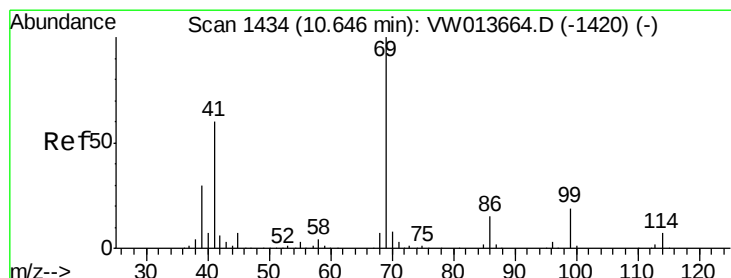
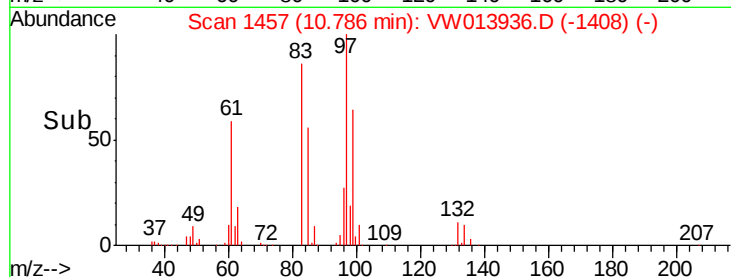
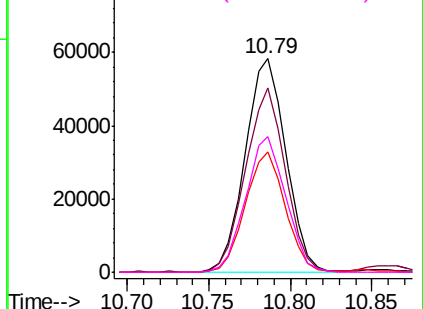
#55
 1,1,2-Trichloroethane
 Concen: 48.845 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 101307
 Ion Ratio Lower Upper
 97 100
 83 86.4 67.8 101.8
 85 56.1 42.1 63.1
 99 63.5 51.4 77.0

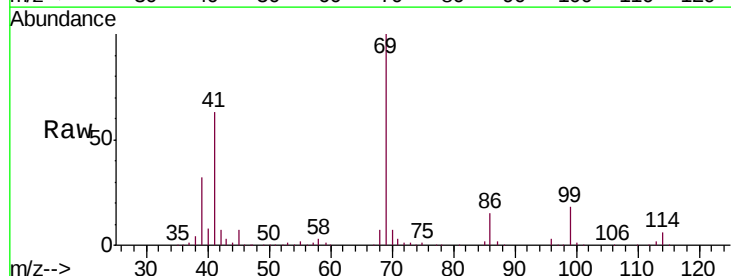


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

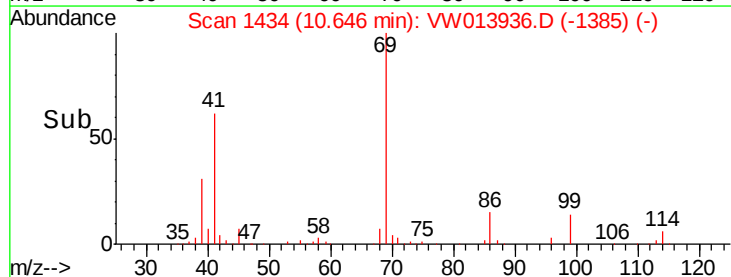
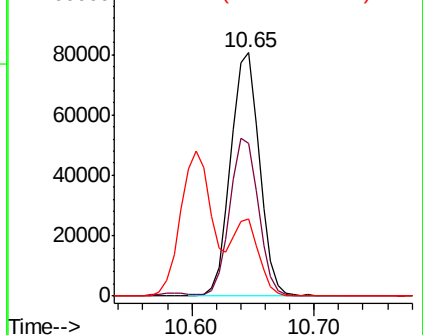


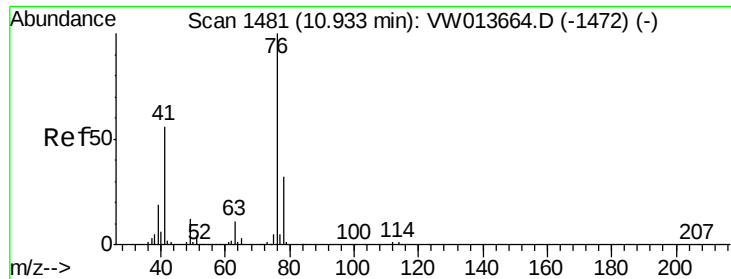
#56
 Ethyl methacrylate
 Concen: 50.465 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

Tgt Ion: 69 Resp: 130952
 Ion Ratio Lower Upper
 69 100
 41 64.0 51.6 77.4
 39 27.4 22.4 33.6



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

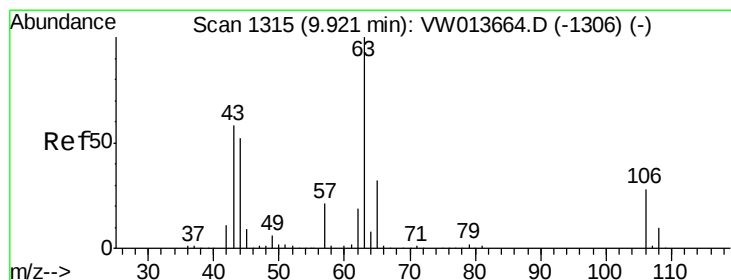
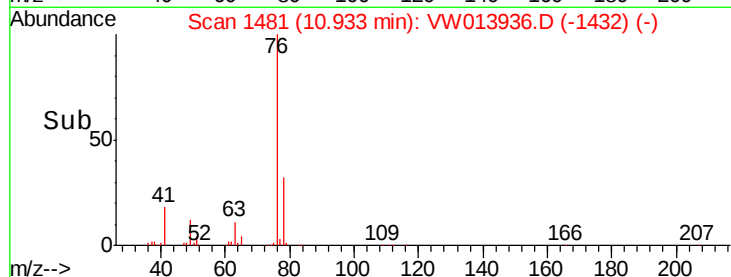
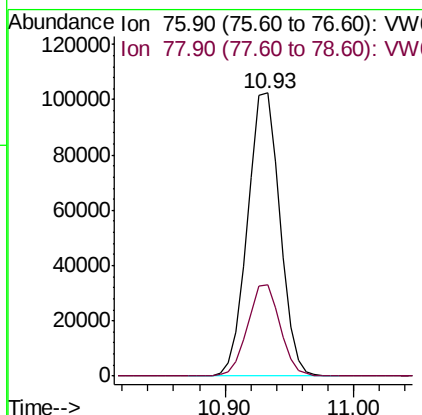
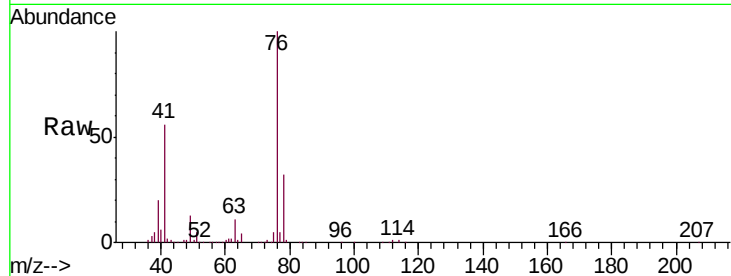




#57
 1,3-Dichloropropane
 Concen: 49.771 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

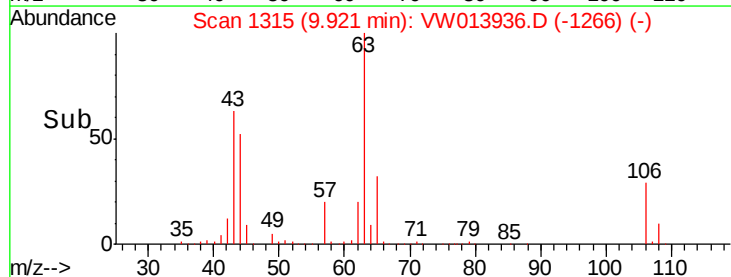
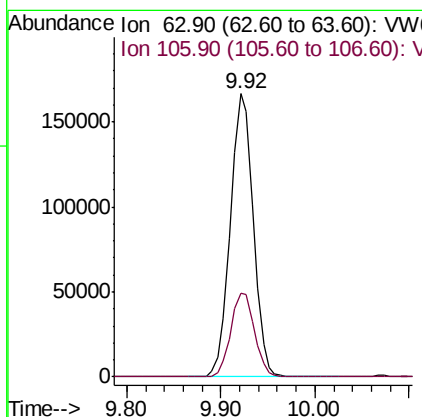
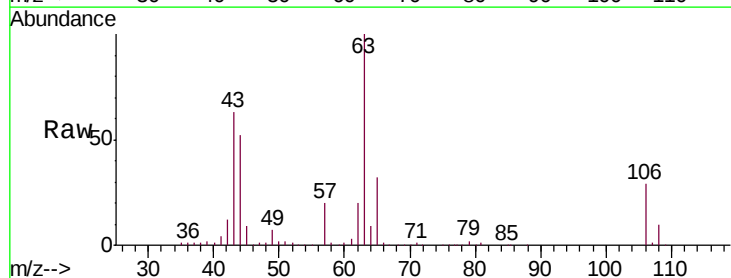
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

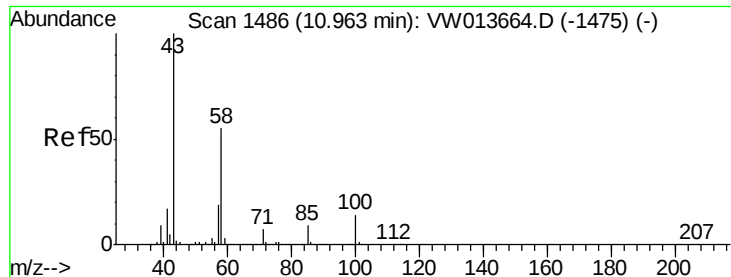
Tgt Ion: 76 Resp: 177145
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.477 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

Tgt Ion: 63 Resp: 281224
 Ion Ratio Lower Upper
 63 100
 106 30.5 23.8 35.8

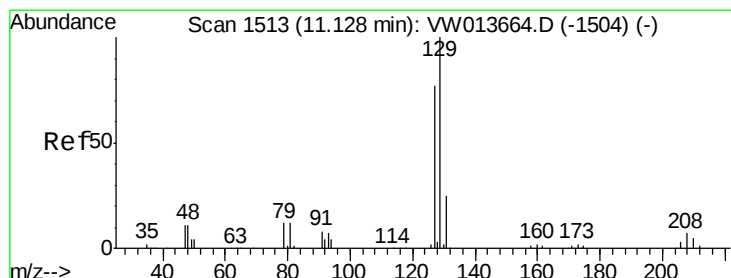
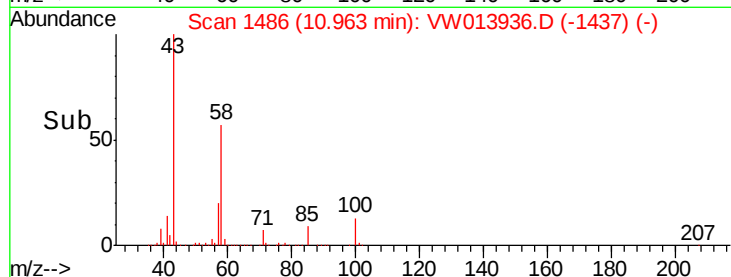
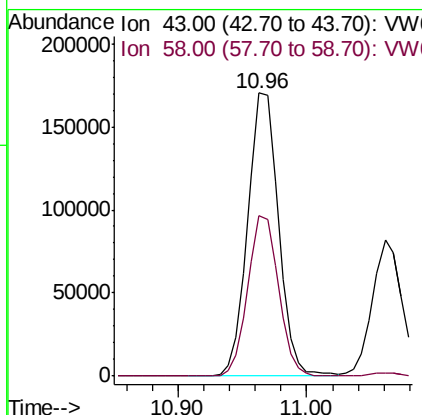
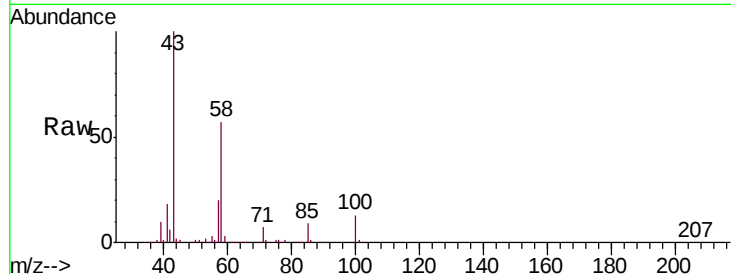




#59
2-Hexanone
Concen: 264.116 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

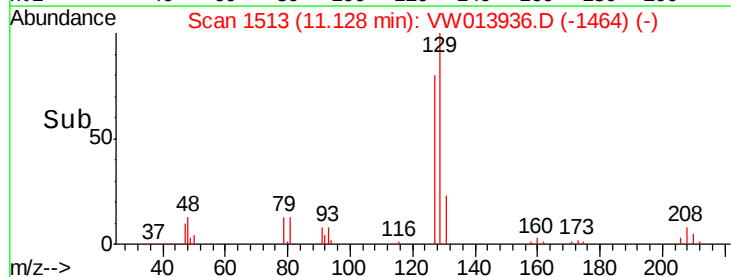
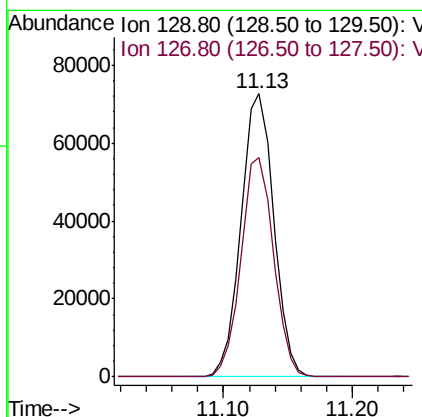
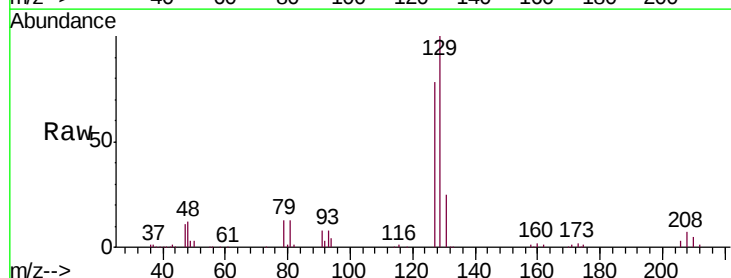
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

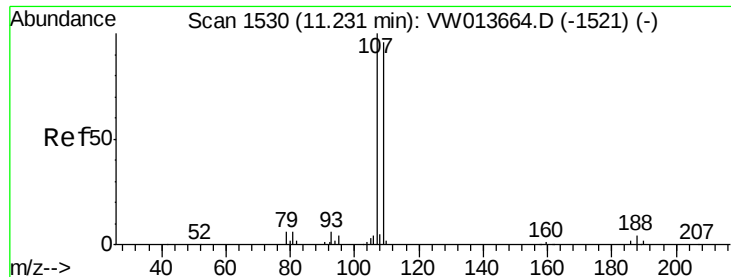
Tgt Ion: 43 Resp: 281217
Ion Ratio Lower Upper
43 100
58 56.5 27.9 83.7



#60
Dibromochloromethane
Concen: 51.759 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Tgt Ion: 129 Resp: 127460
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7

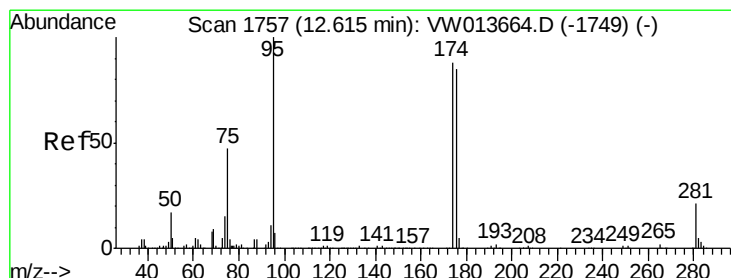
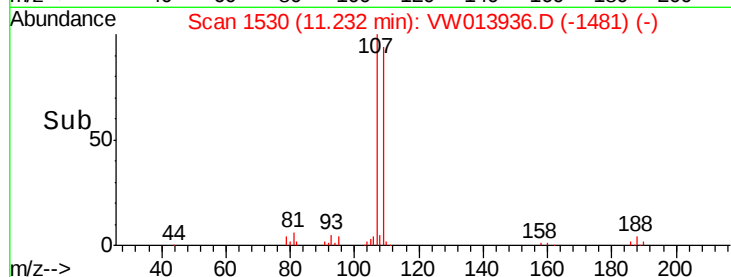
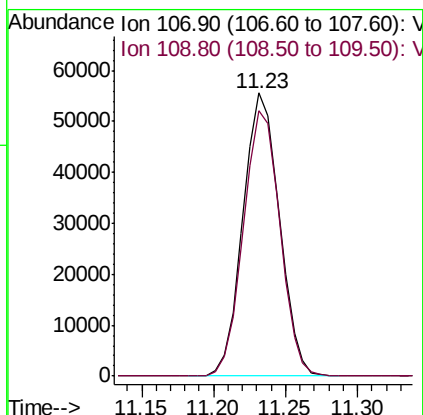
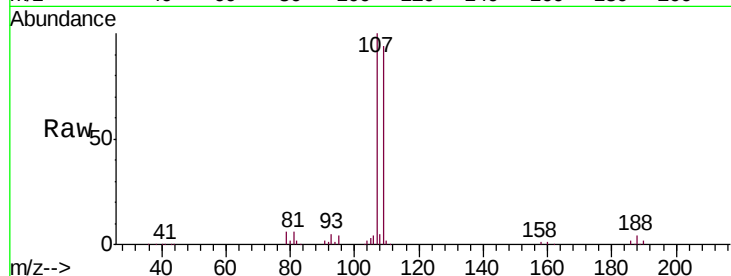




#61
 1,2-Dibromoethane
 Concen: 49.662 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

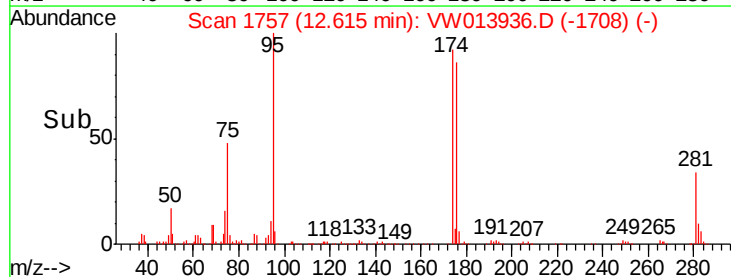
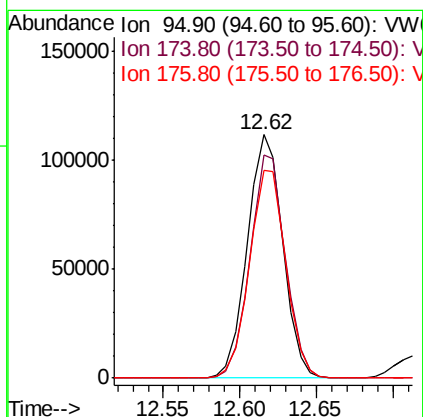
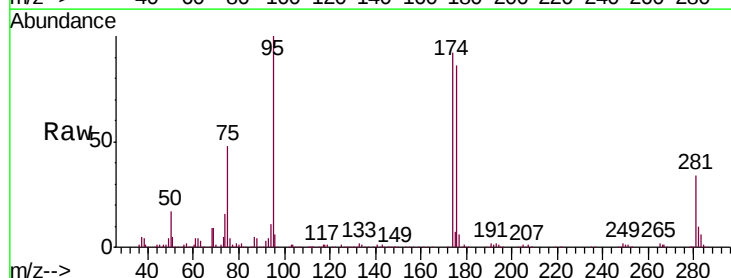
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

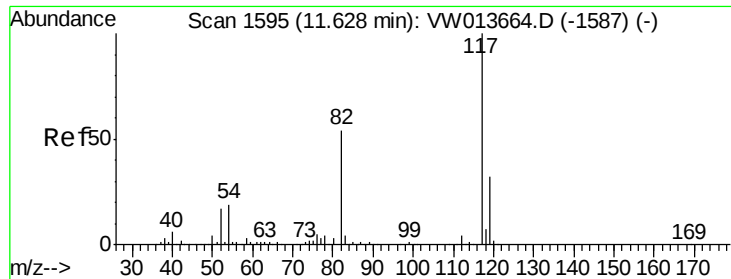
Tgt Ion: 107 Resp: 97446
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 51.363 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

Tgt Ion: 95 Resp: 179350
 Ion Ratio Lower Upper
 95 100
 174 91.7 0.0 183.6
 176 88.1 0.0 178.0

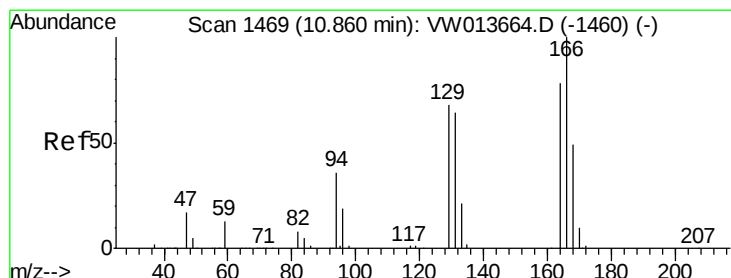
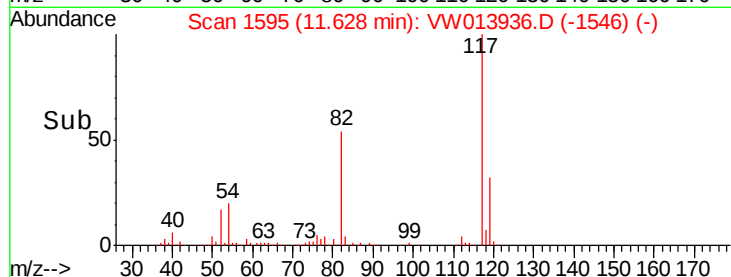
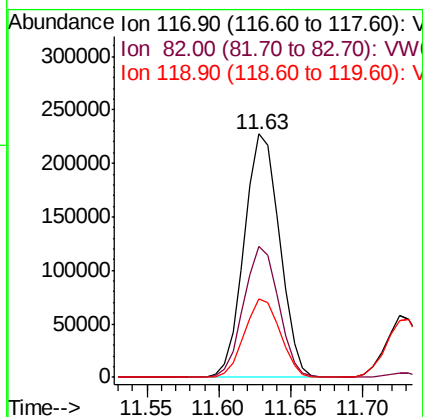
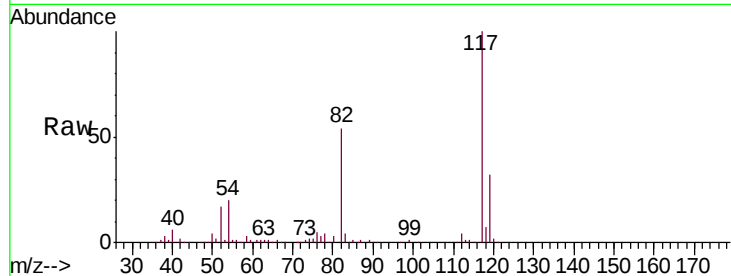




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

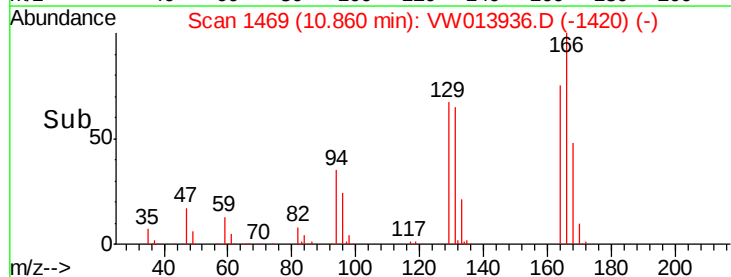
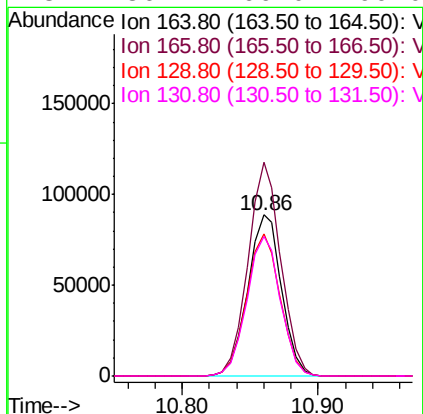
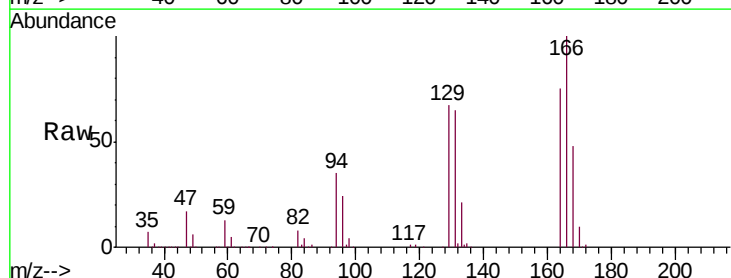
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

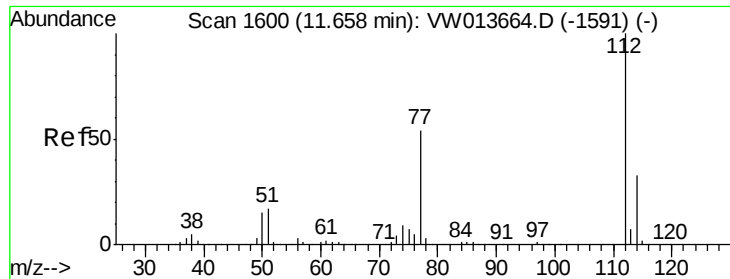
Tgt Ion:117 Resp: 387312
Ion Ratio Lower Upper
117 100
82 53.6 43.6 65.4
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 52.004 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Tgt Ion:164 Resp: 153890
Ion Ratio Lower Upper
164 100
166 132.7 103.2 154.8
129 88.5 70.6 105.8
131 86.7 66.0 99.0

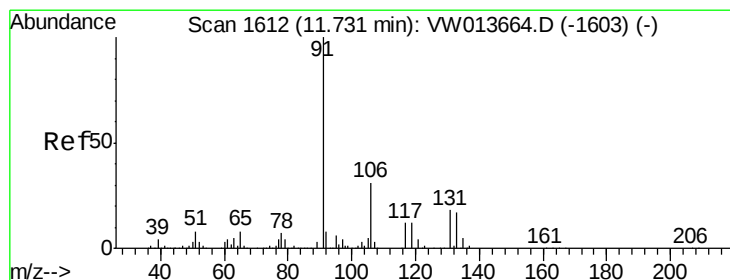
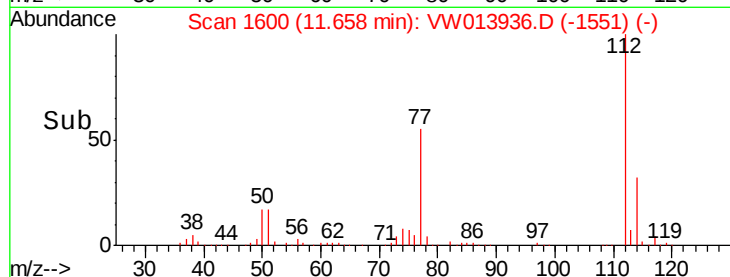
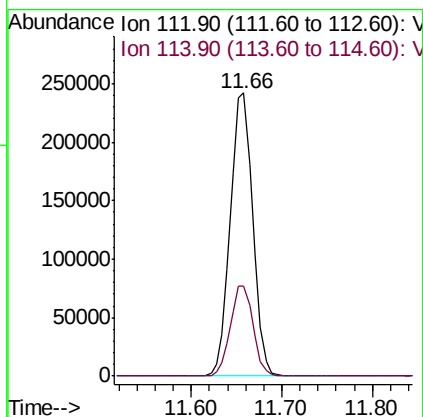
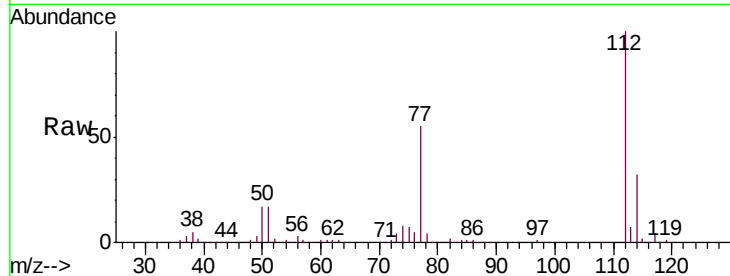




#65
Chlorobenzene
Concen: 52.367 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

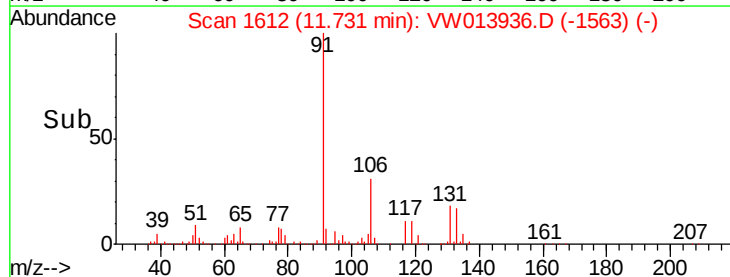
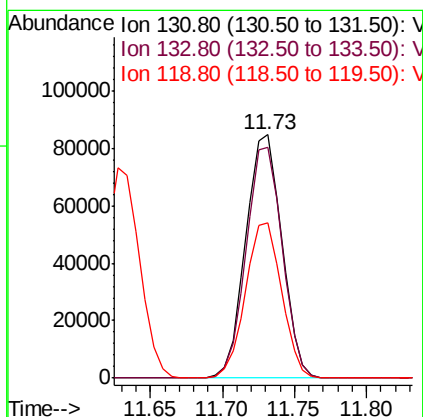
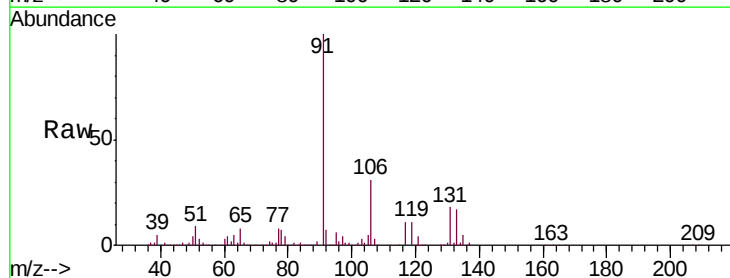
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

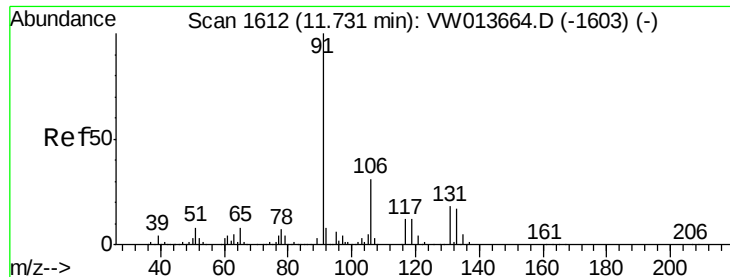
Tgt Ion:112 Resp: 416790
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.033 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Tgt Ion:131 Resp: 147308
Ion Ratio Lower Upper
131 100
133 94.7 47.4 142.3
119 63.7 33.1 99.2

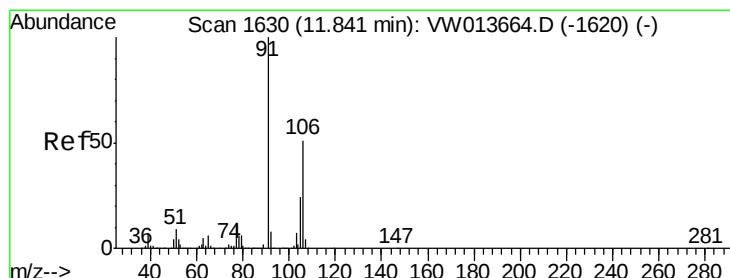
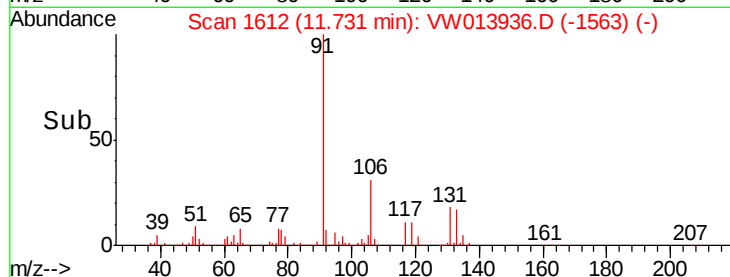
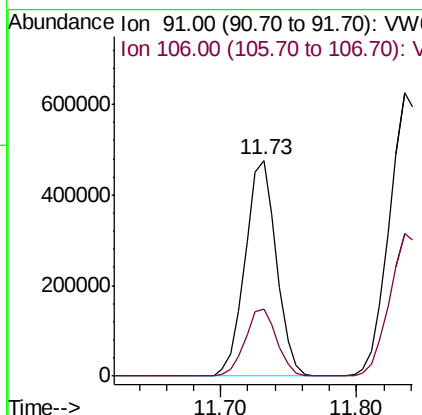
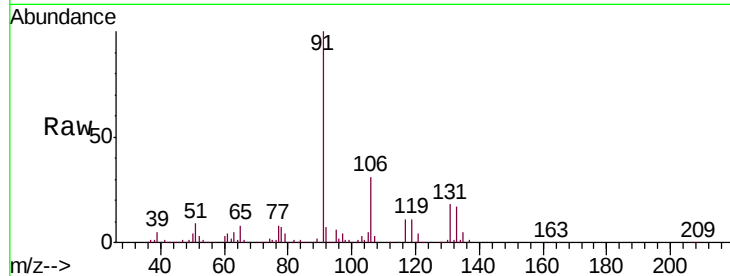




#67
Ethyl Benzene
Concen: 53.444 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

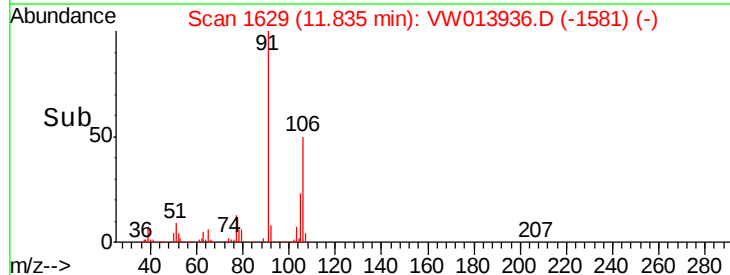
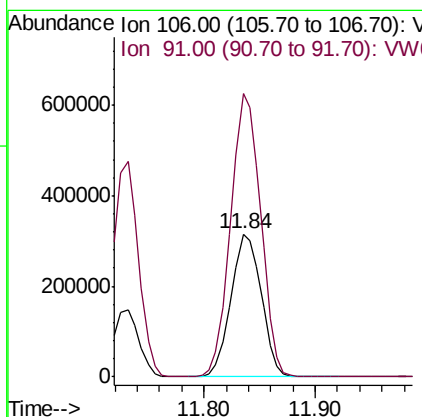
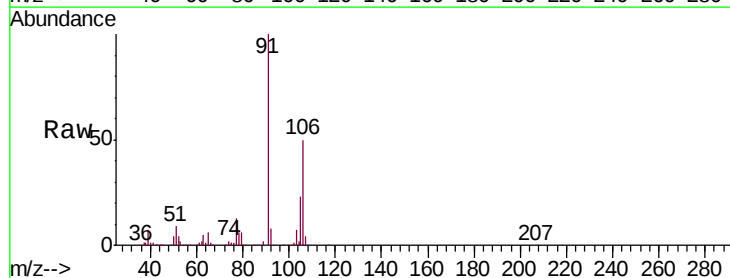
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

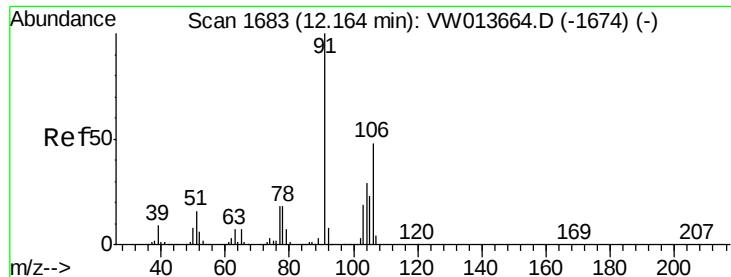
Tgt Ion: 91 Resp: 767000
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6



#68
m/p-Xylenes
Concen: 107.122 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Tgt Ion: 106 Resp: 593962
Ion Ratio Lower Upper
106 100
91 196.6 159.2 238.8

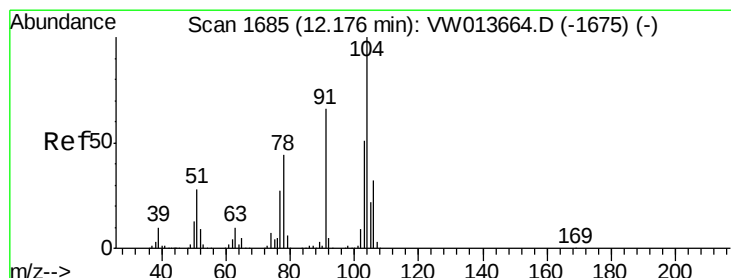
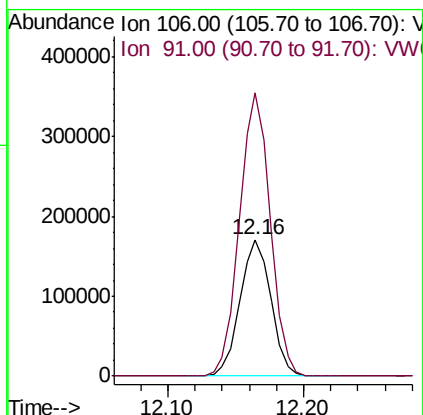
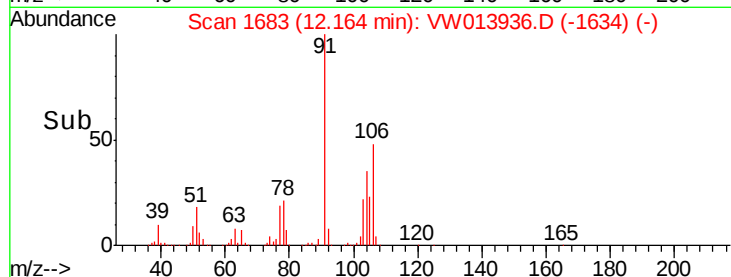
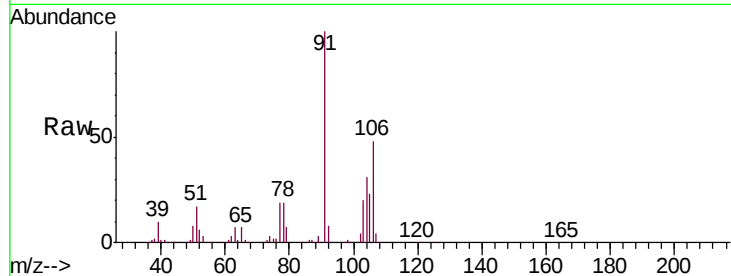




#69
o-Xylene
Concen: 53.120 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

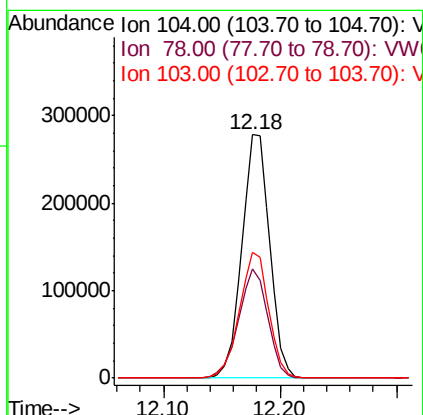
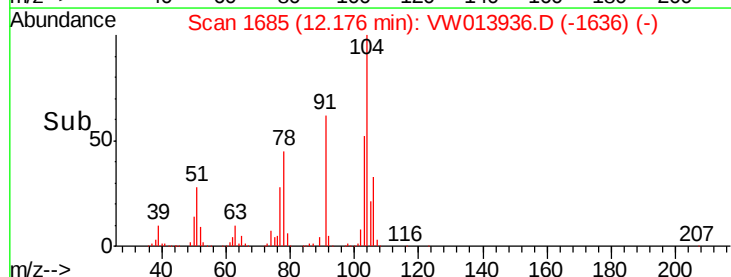
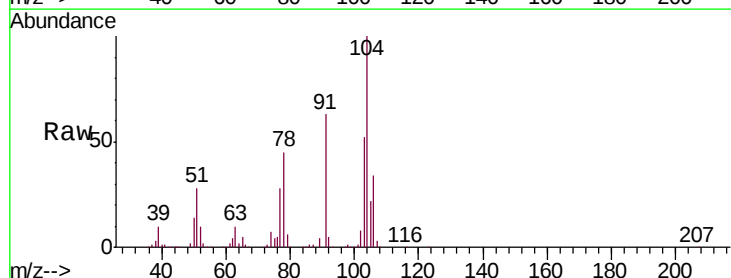
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

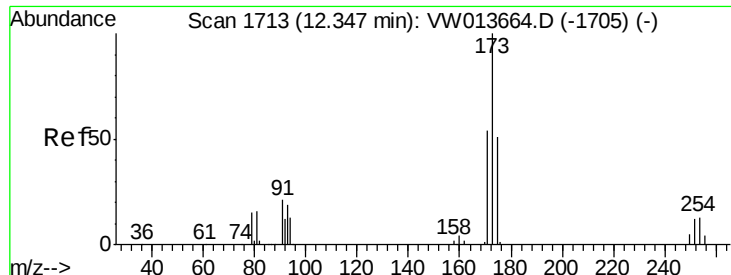
Tgt Ion:106 Resp: 270726
Ion Ratio Lower Upper
106 100
91 206.6 104.9 314.7



#70
Styrene
Concen: 53.136 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Tgt Ion:104 Resp: 465289
Ion Ratio Lower Upper
104 100
78 47.1 37.1 55.7
103 54.1 43.6 65.4

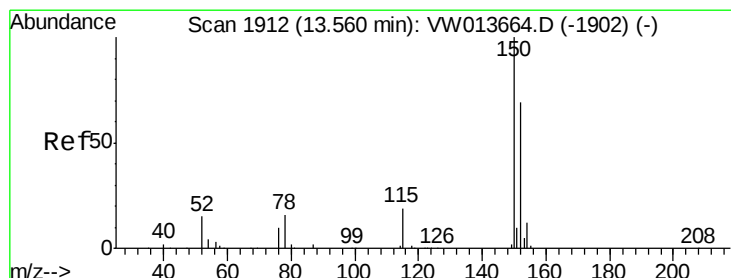
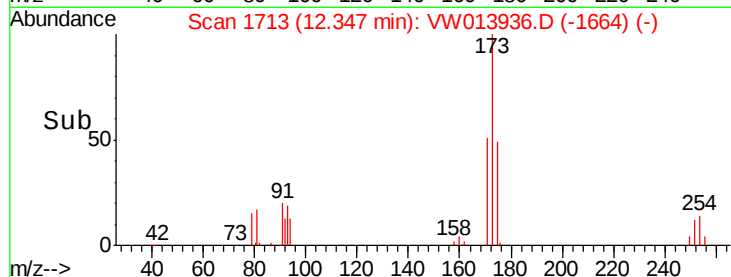
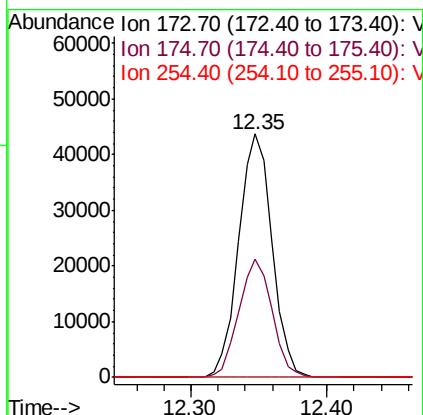
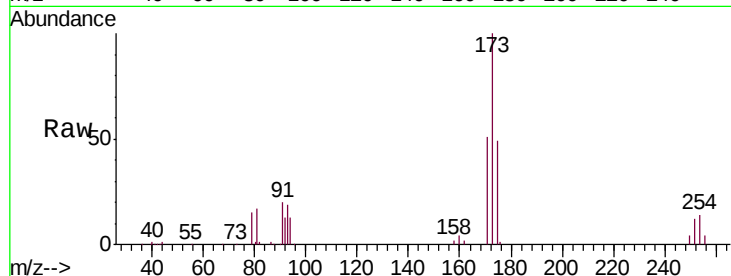




#71
Bromoform
Concen: 51.324 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

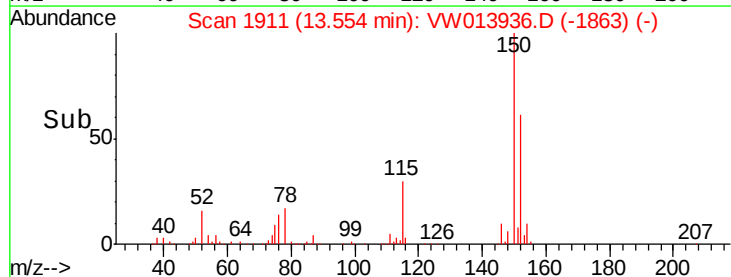
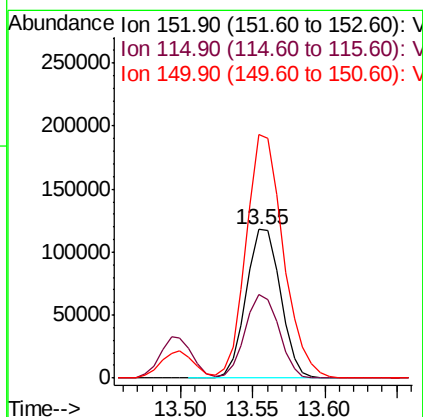
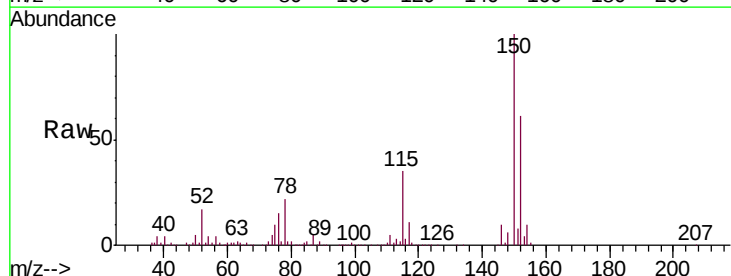
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

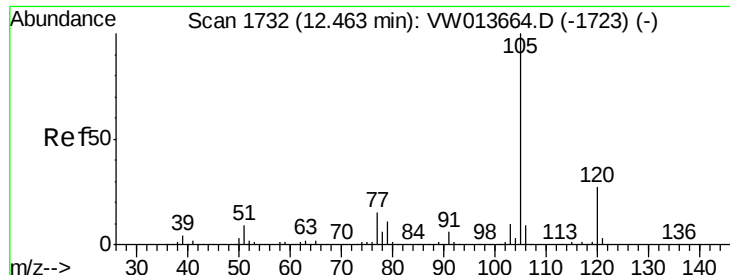
Tgt Ion:173 Resp: 74813
Ion Ratio Lower Upper
173 100
175 48.5 25.2 75.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Tgt Ion:152 Resp: 195206
Ion Ratio Lower Upper
152 100
115 55.3 27.4 82.2
150 176.8 0.0 345.4





#73

Isopropylbenzene

Concen: 54.837 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

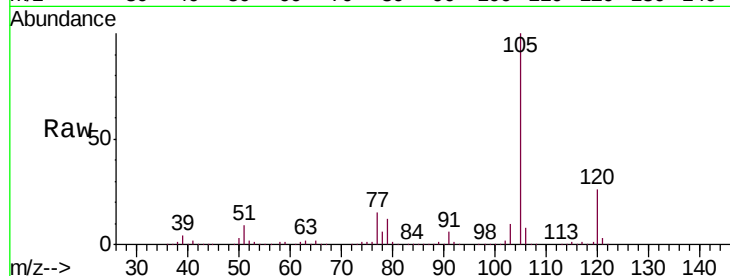
VSTDCCC050

Tgt Ion: 105 Resp: 768728

Ion Ratio Lower Upper

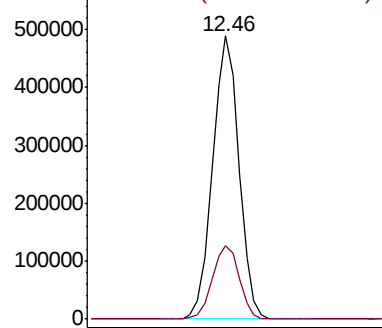
105 100

120 26.8 13.5 40.4

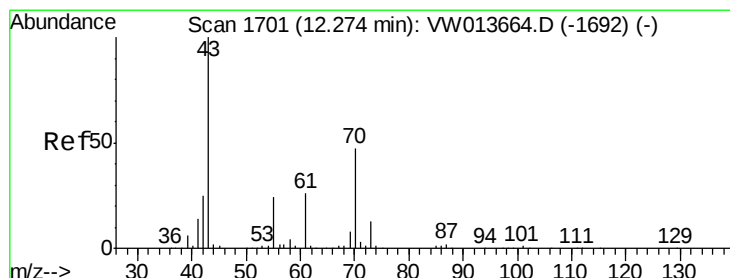
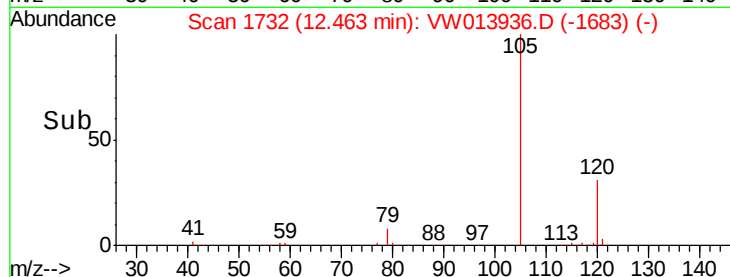


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 51.725 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Tgt Ion: 43 Resp: 140265

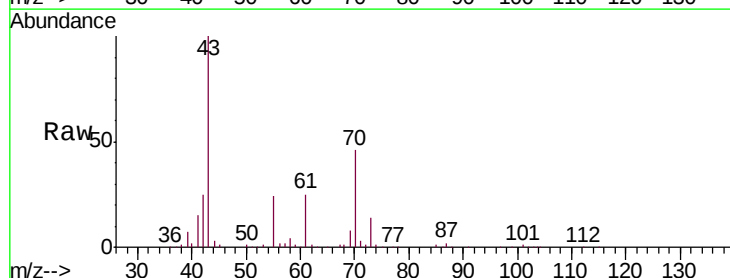
Ion Ratio Lower Upper

43 100

70 45.2 36.6 55.0

55 25.6 20.3 30.5

61 25.5 20.4 30.6

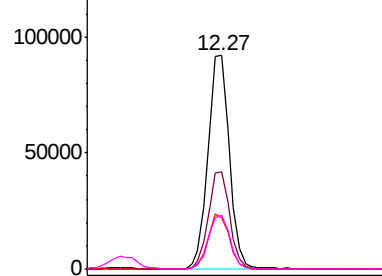


Abundance Ion 43.00 (42.70 to 43.70): VW

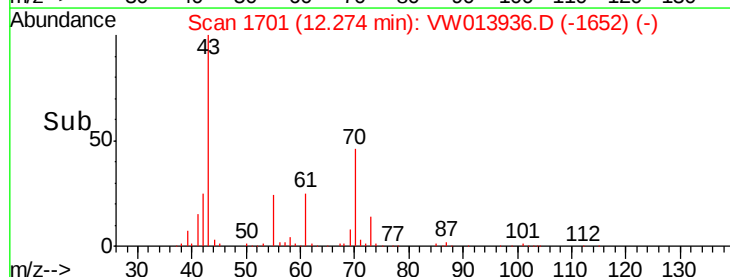
Ion 70.00 (69.70 to 70.70): VW

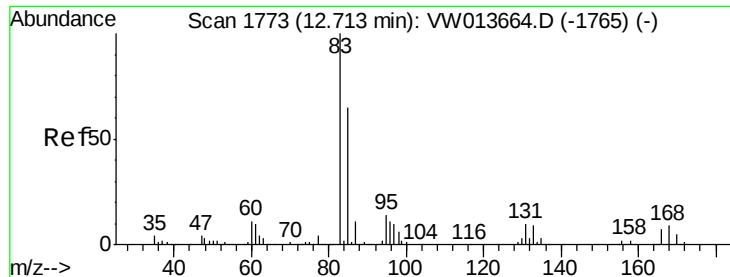
Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



Time-->

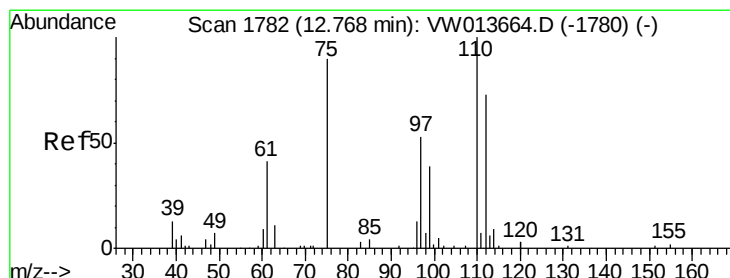
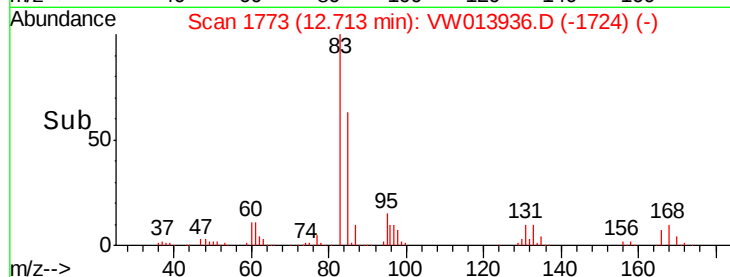
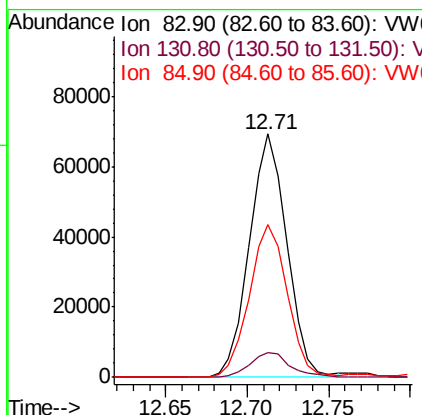
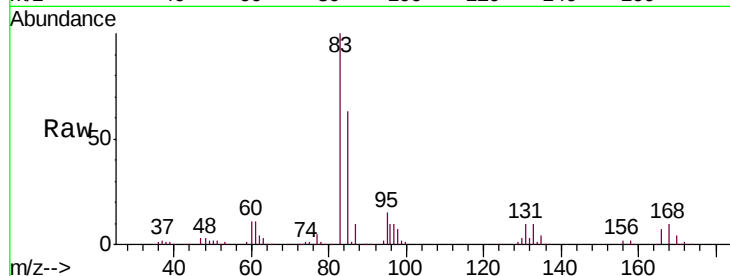




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.217 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

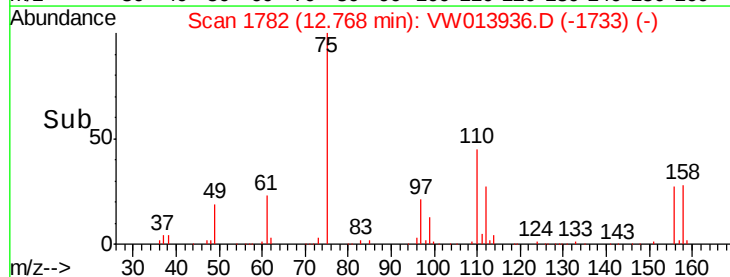
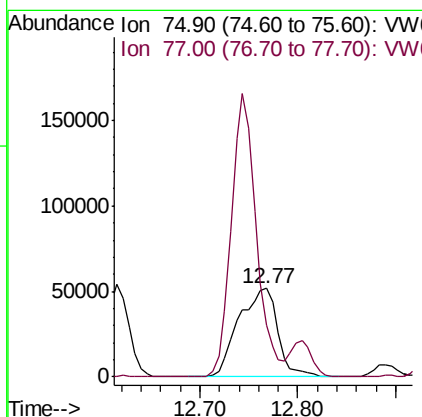
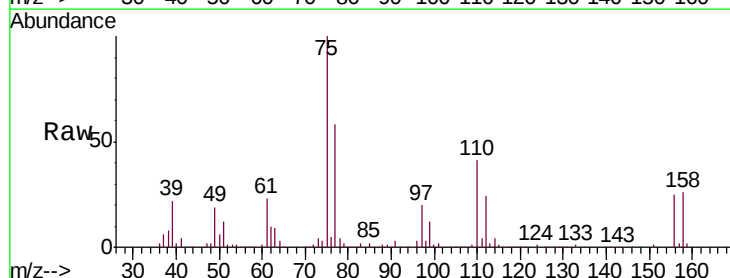
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

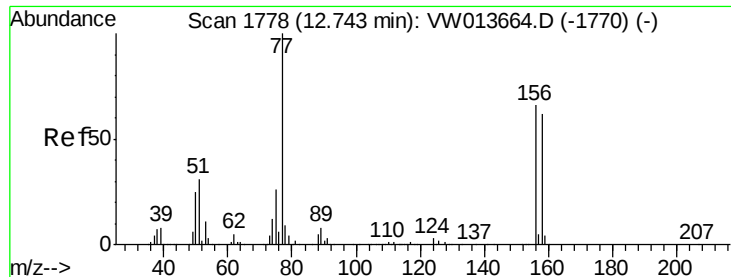
Tgt Ion: 83 Resp: 111088
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.7 17.1
 85 63.8 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 102.359 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

Tgt Ion: 75 Resp: 143492
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.386 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

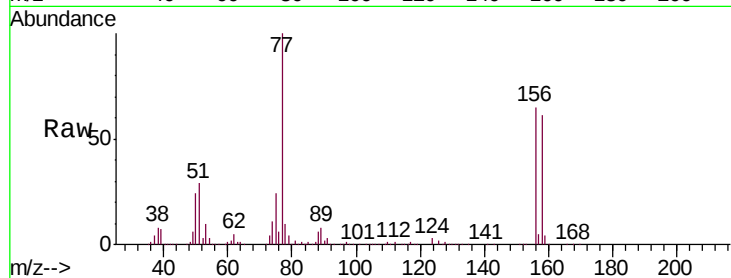
Tgt Ion: 156 Resp: 175431

Ion Ratio Lower Upper

156 100

77 168.6 82.9 248.7

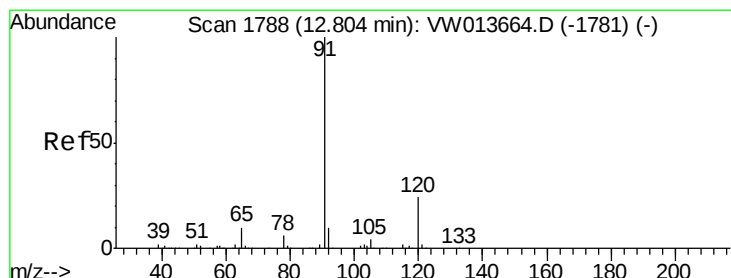
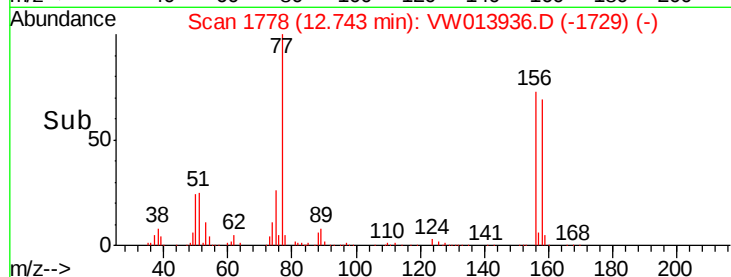
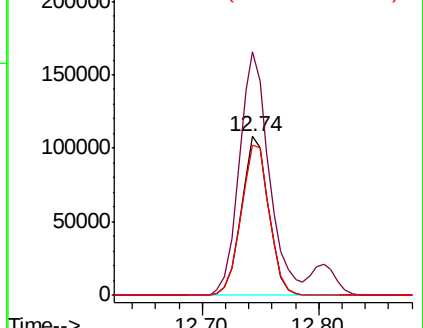
158 97.7 48.4 145.2



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: 55.641 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013936.D

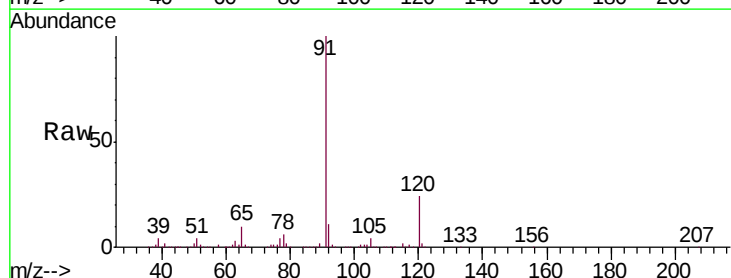
Acq: 08 Nov 2019 10:41

Tgt Ion: 91 Resp: 902797

Ion Ratio Lower Upper

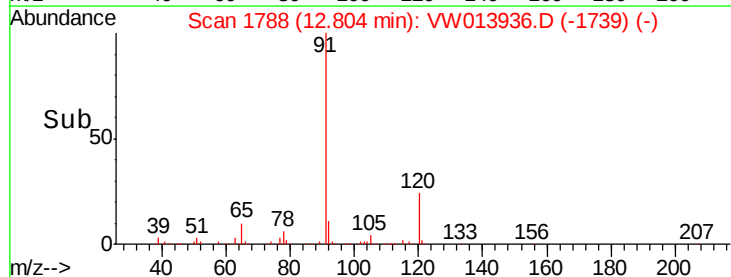
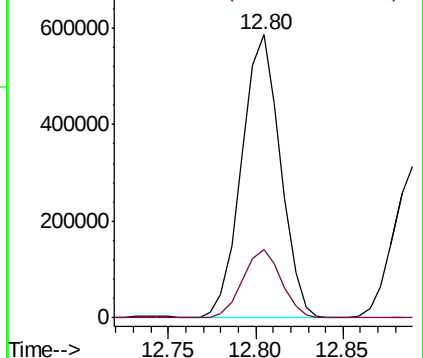
91 100

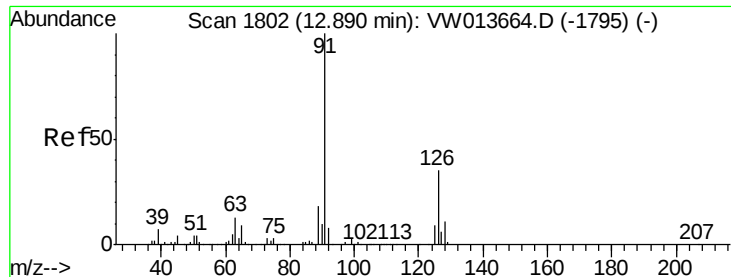
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.506 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

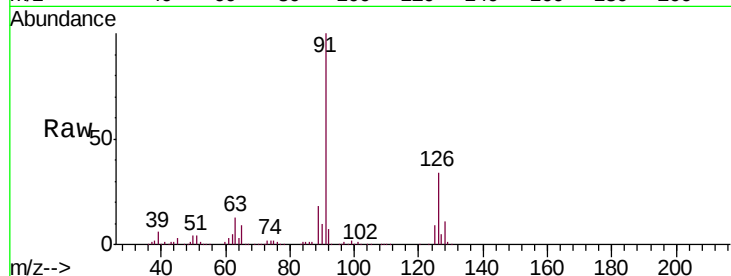
VSTDCCC050

Tgt Ion: 91 Resp: 496997

Ion Ratio Lower Upper

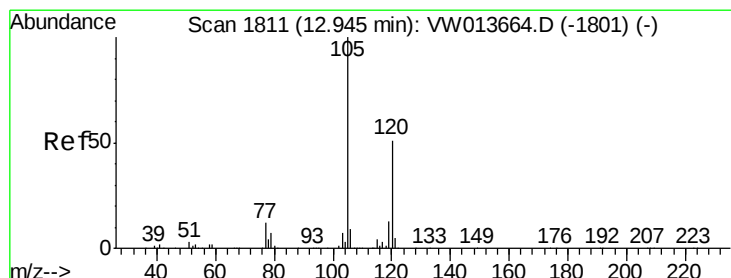
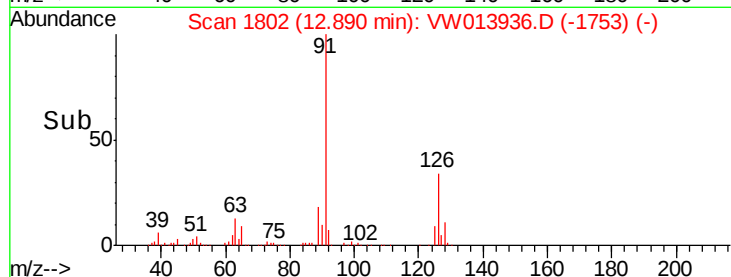
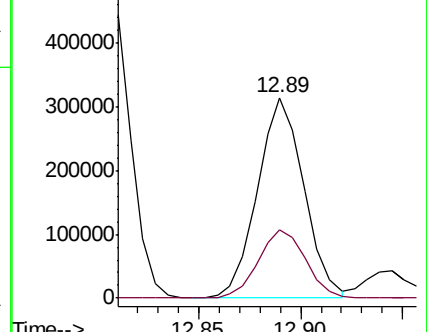
91 100

126 34.6 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.681 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013936.D

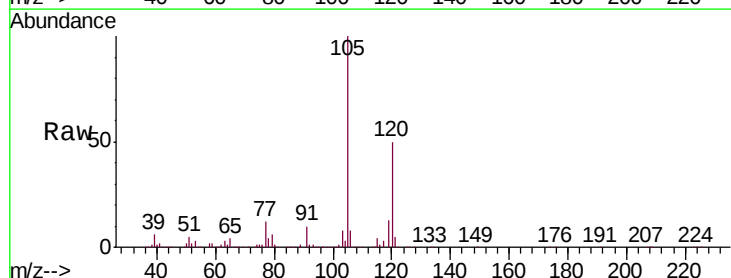
Acq: 08 Nov 2019 10:41

Tgt Ion: 105 Resp: 647087

Ion Ratio Lower Upper

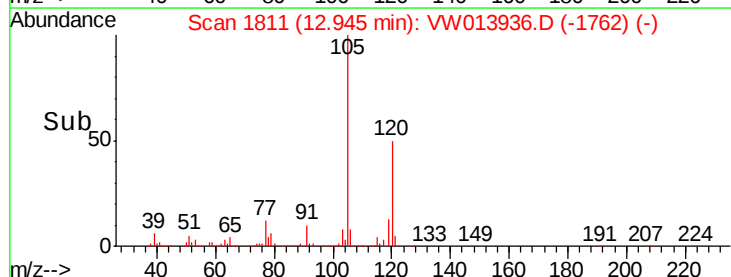
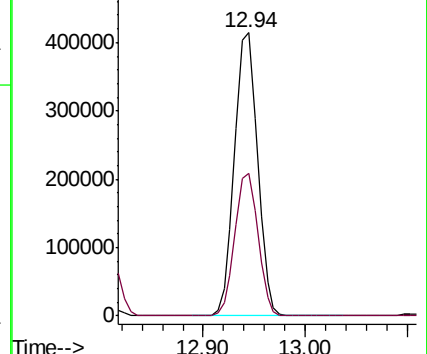
105 100

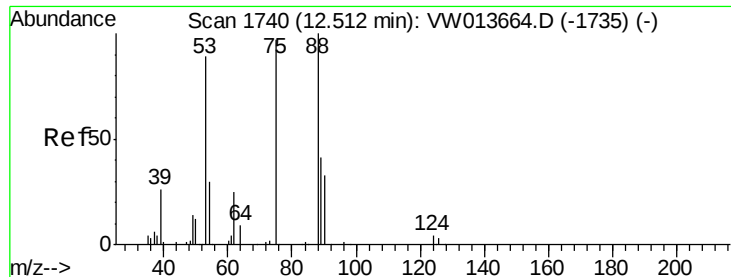
120 50.4 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

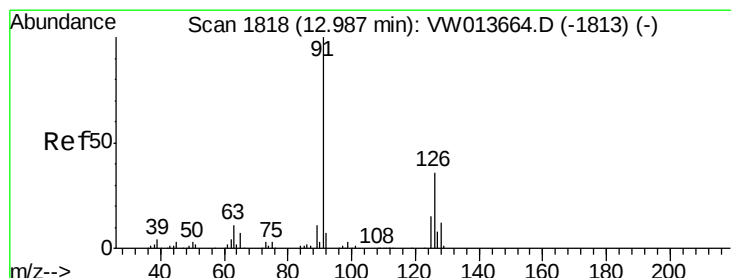
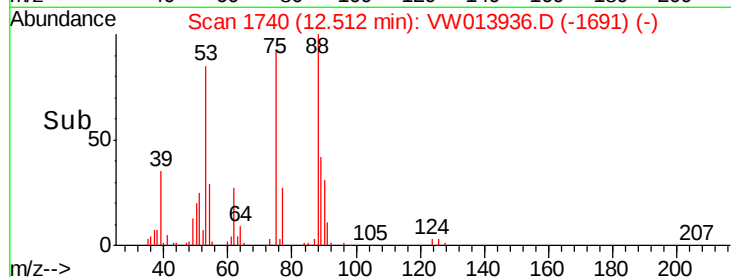
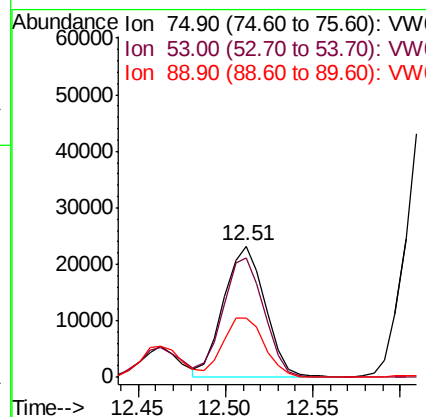
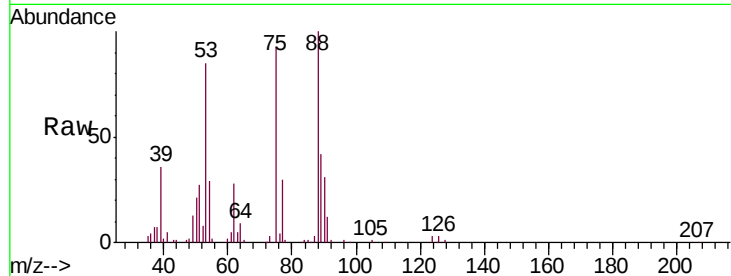




#81
trans-1,4-Dichloro-2-butene
Concen: 51.611 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

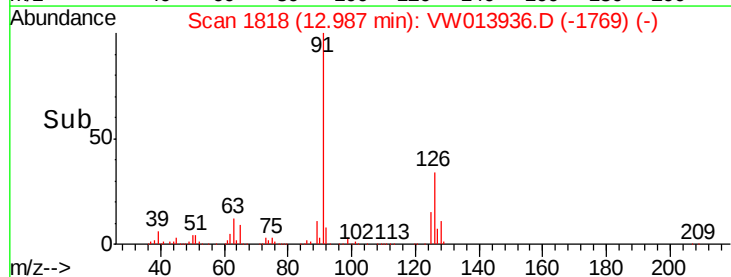
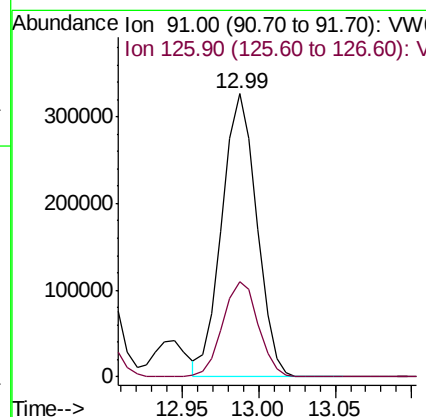
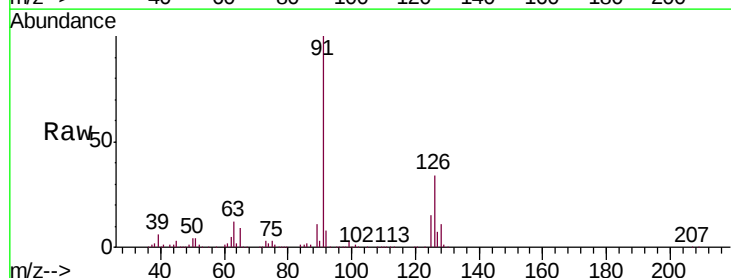
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

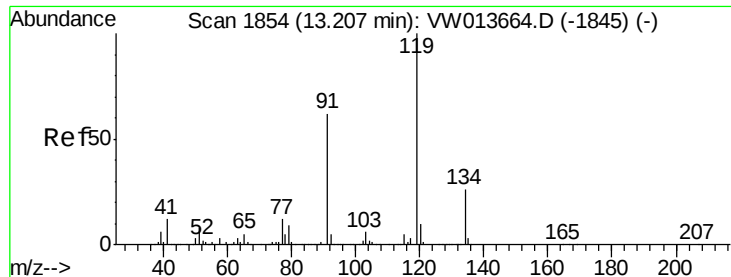
Tgt Ion: 75 Resp: 38284
Ion Ratio Lower Upper
75 100
53 90.8 71.7 107.5
89 45.0 35.8 53.8



#82
4-Chlorotoluene
Concen: 53.933 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW013936.D
Acq: 08 Nov 2019 10:41

Tgt Ion: 91 Resp: 516284
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.5

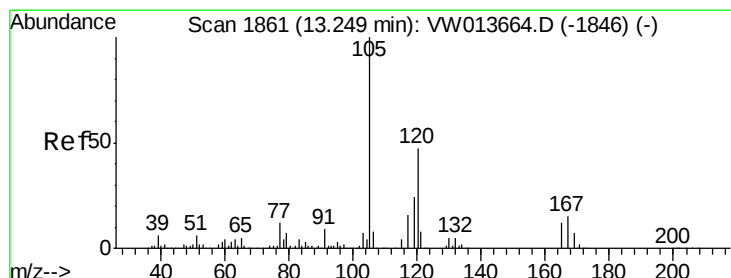
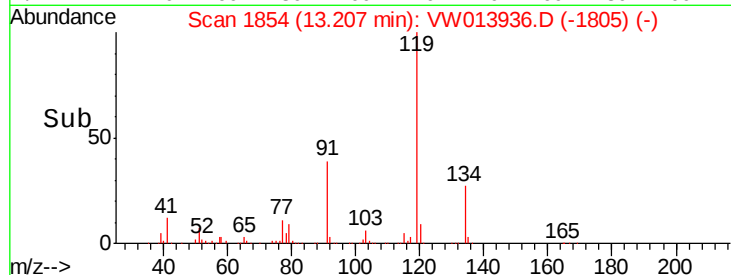
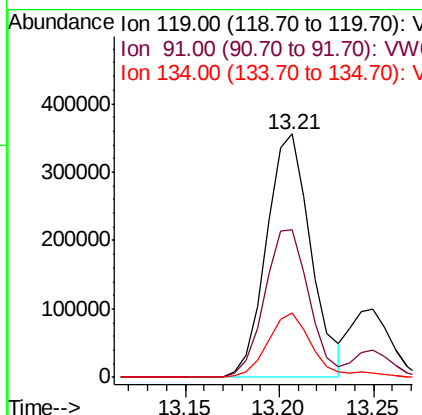
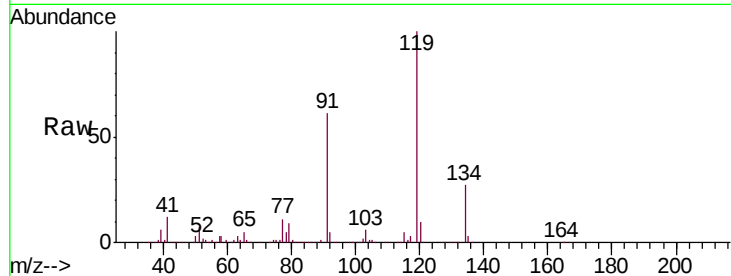




#83
 tert-Butylbenzene
 Concen: 55.272 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

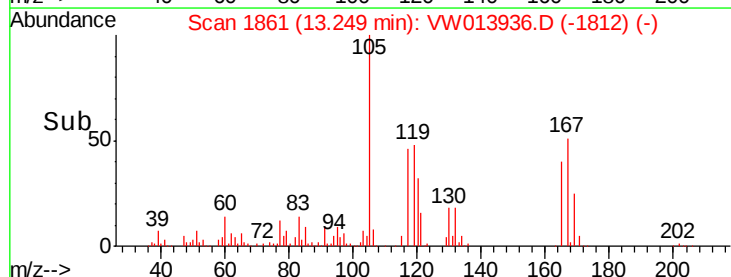
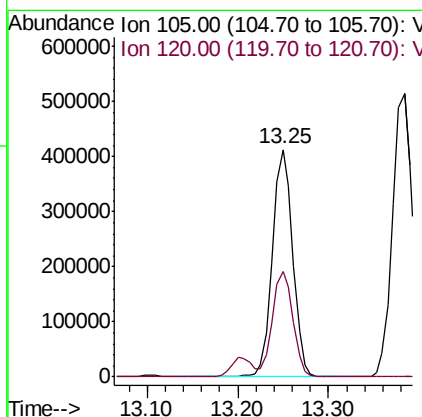
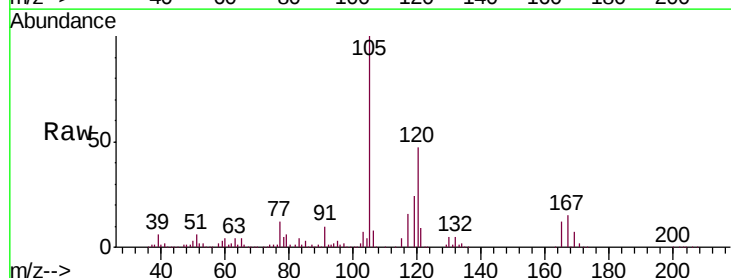
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

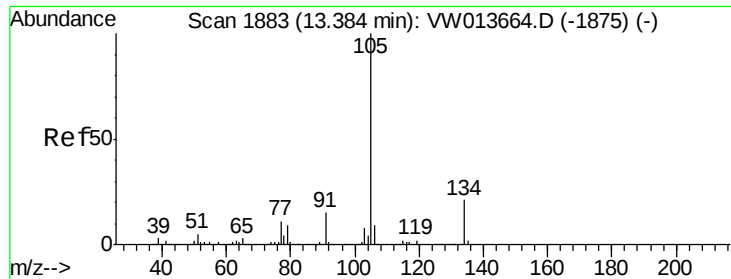
Tgt Ion:119 Resp: 580592
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.4 91.3
 134 27.1 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 54.797 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

Tgt Ion:105 Resp: 639664
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.5 70.5





#85

sec-Butylbenzene

Concen: 55.646 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

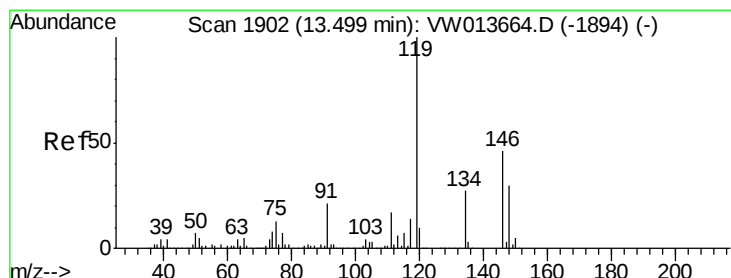
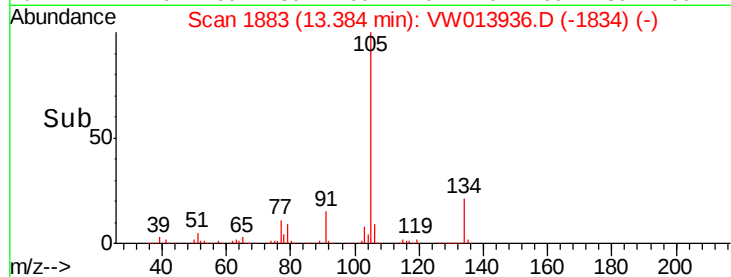
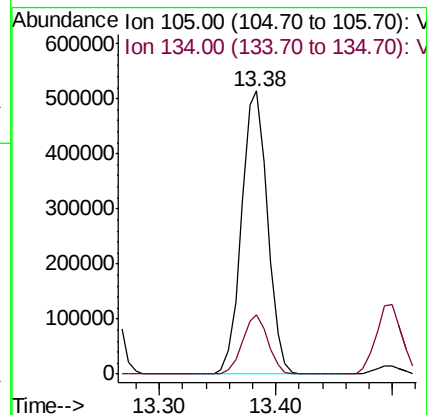
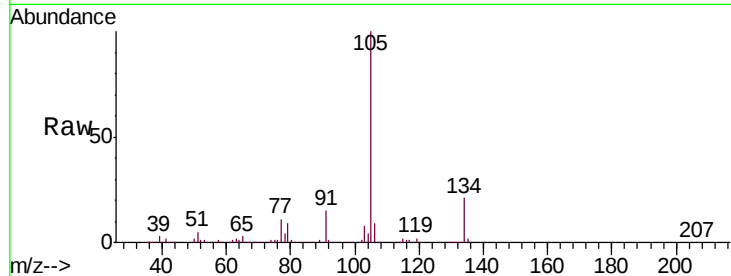
VSTDCCC050

Tgt Ion:105 Resp: 799304

Ion Ratio Lower Upper

105 100

134 20.6 10.5 31.5



#86

p-Isopropyltoluene

Concen: 55.672 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

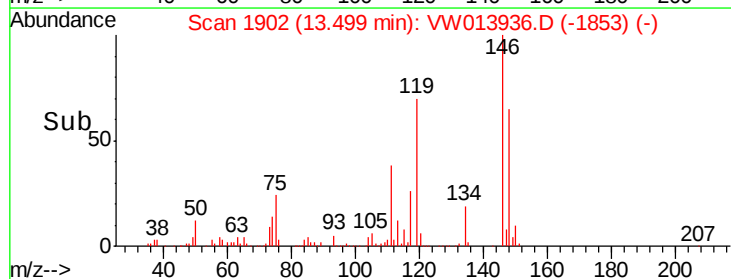
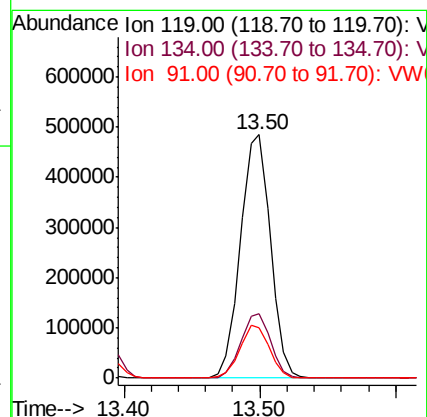
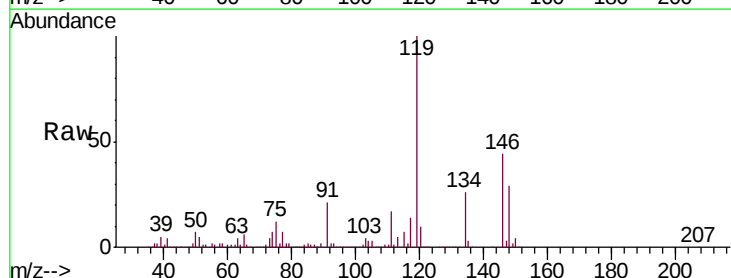
Tgt Ion:119 Resp: 744916

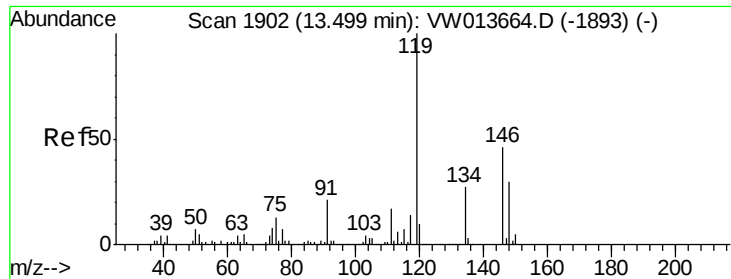
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 21.3 10.8 32.3

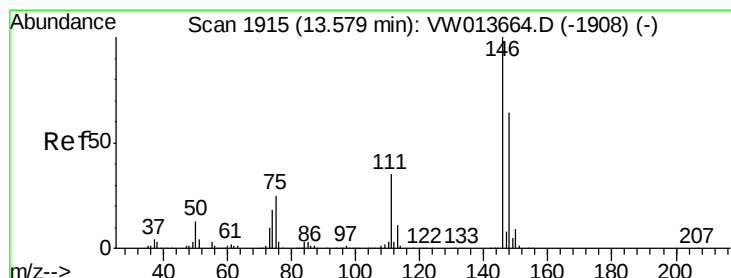
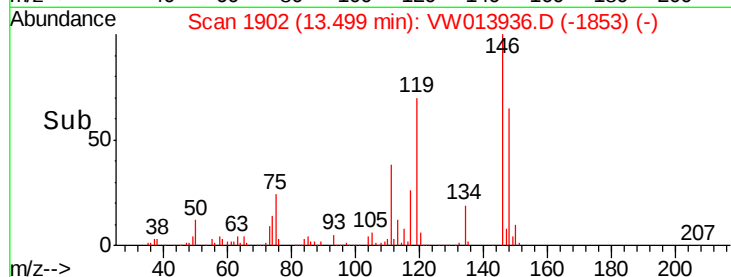
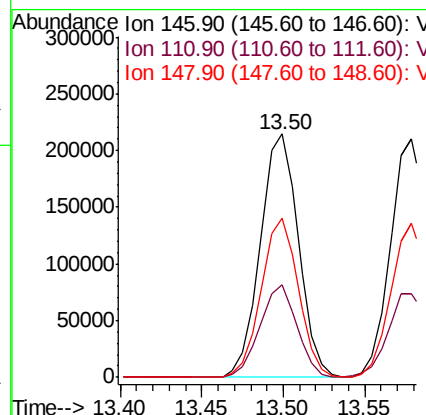
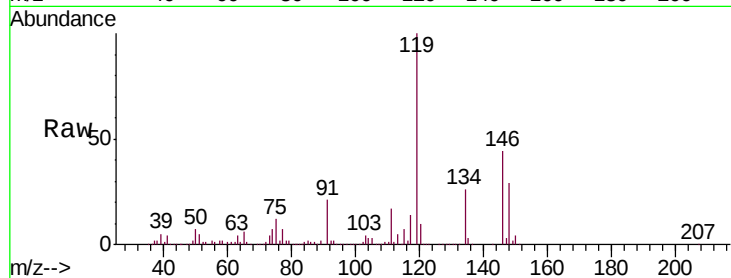




#87
 1,3-Dichlorobenzene
 Concen: 53.724 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

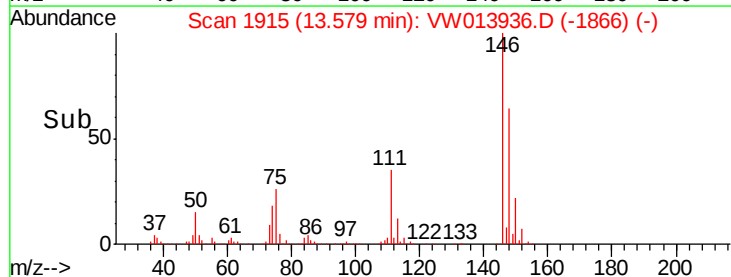
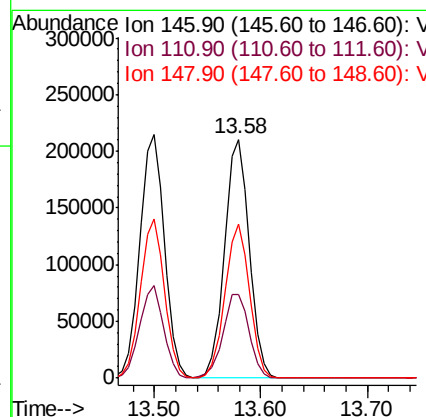
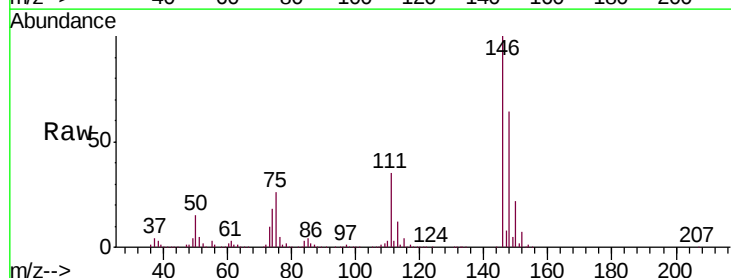
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

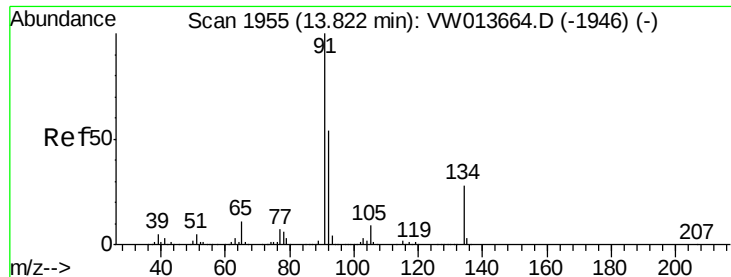
Tgt Ion:146 Resp: 348584
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 56.0
 148 63.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 52.739 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

Tgt Ion:146 Resp: 339954
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.1 54.3
 148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 56.179 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

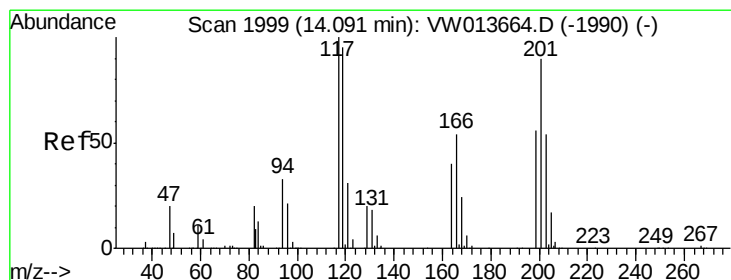
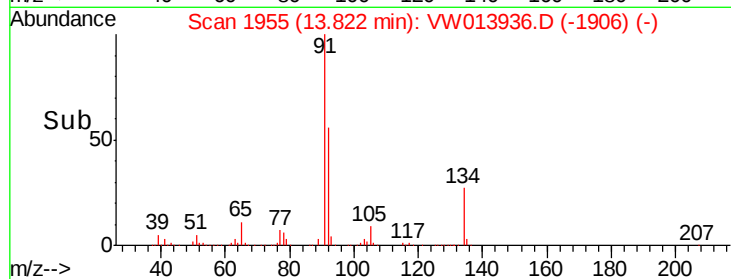
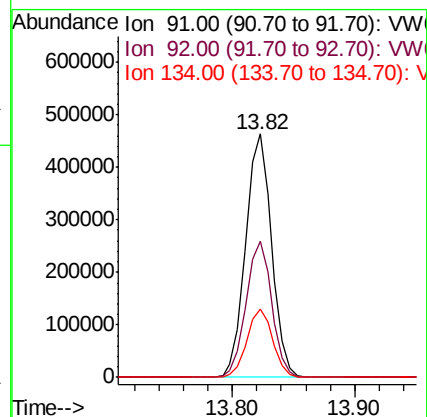
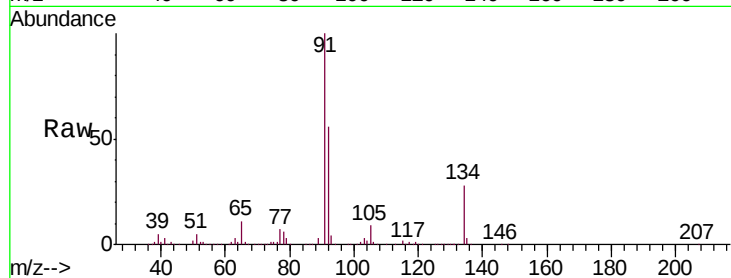
Tgt Ion: 91 Resp: 678502

Ion Ratio Lower Upper

91 100

92 55.6 27.5 82.4

134 28.2 14.0 41.9



#90

Hexachloroethane

Concen: 55.209 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW013936.D

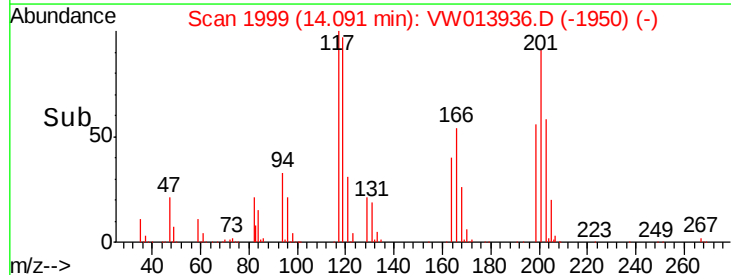
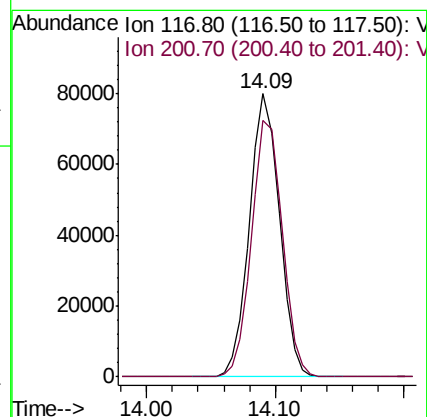
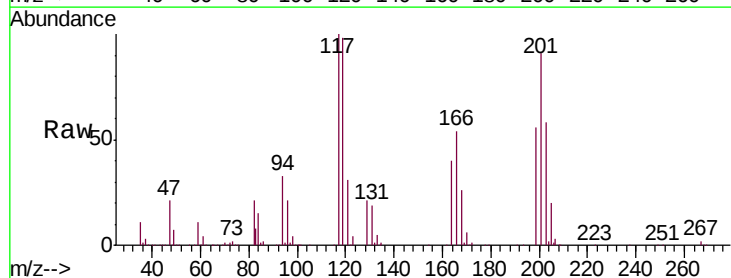
Acq: 08 Nov 2019 10:41

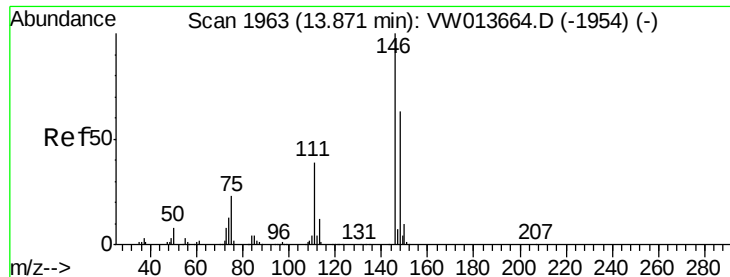
Tgt Ion: 117 Resp: 128402

Ion Ratio Lower Upper

117 100

201 93.0 46.1 138.2

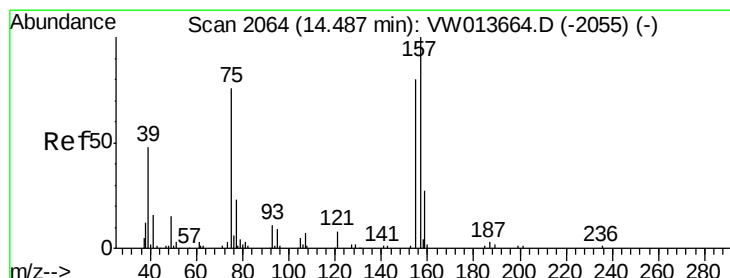
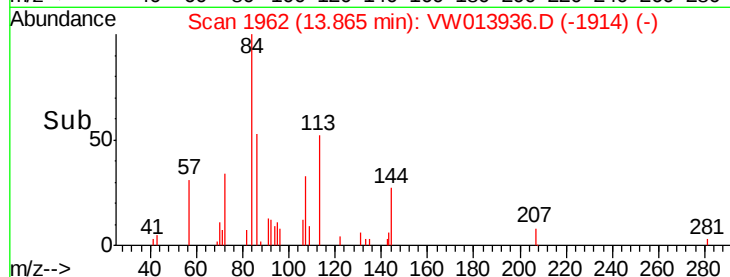
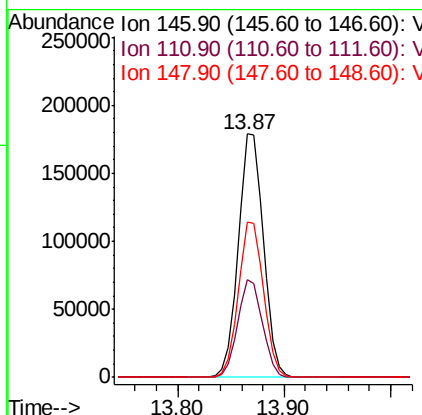
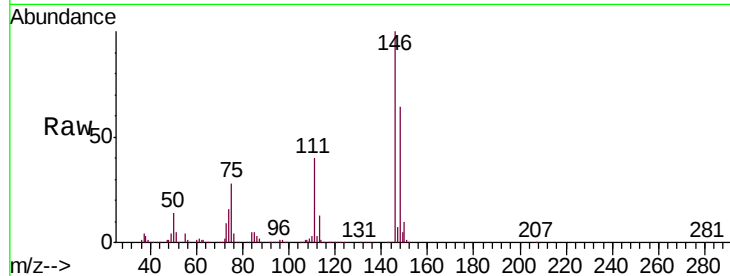




#91
 1,2-Dichlorobenzene
 Concen: 52.893 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

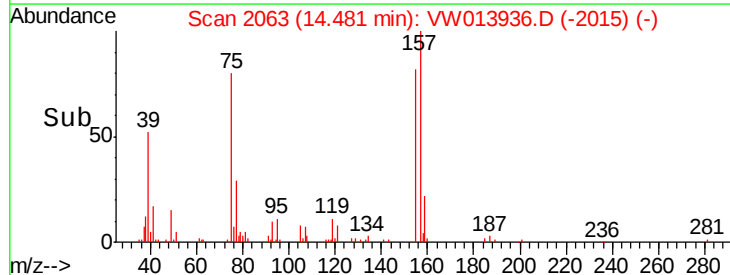
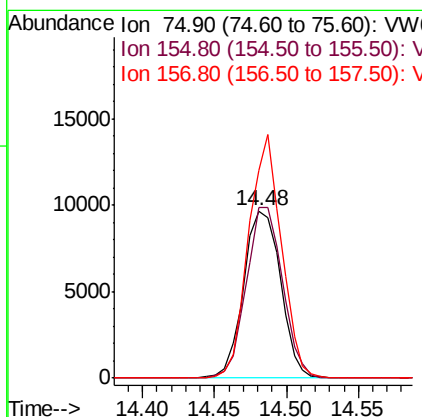
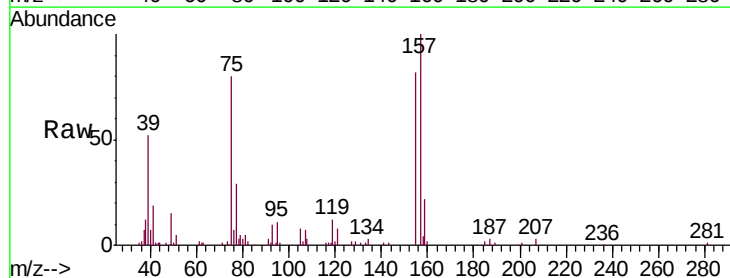
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

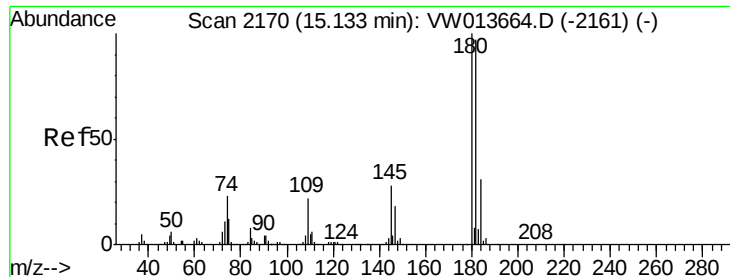
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.9	59.6
148	63.8	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.289 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	51.9	155.7
157	128.8	64.8	194.3

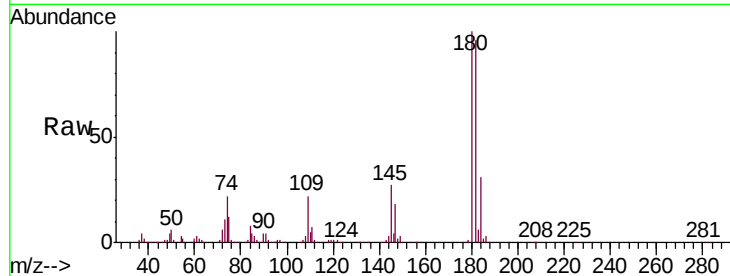




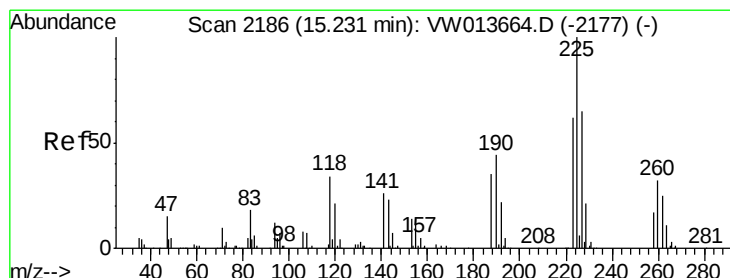
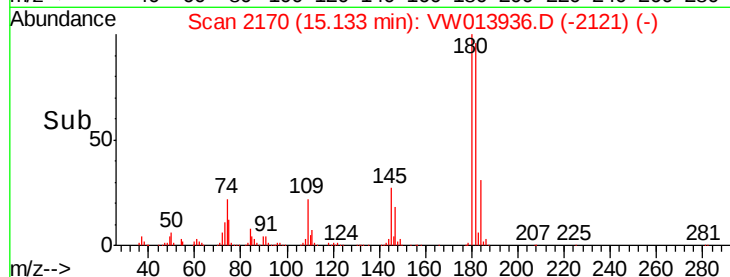
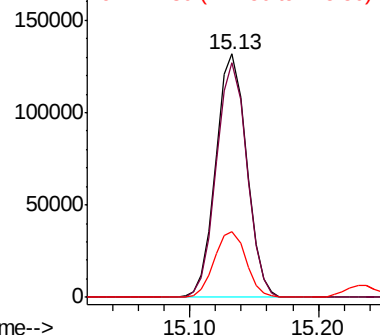
#93
 1,2,4-Trichlorobenzene
 Concen: 53.146 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 217597
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.4 142.2
 145 27.8 14.1 42.3

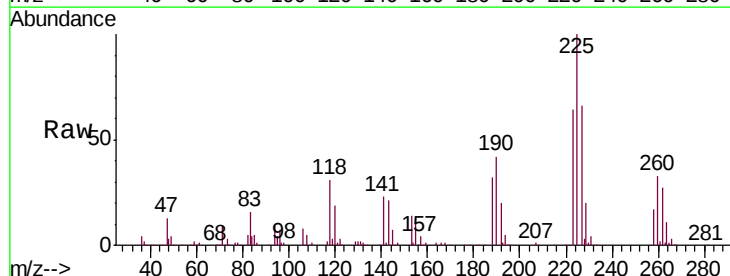


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

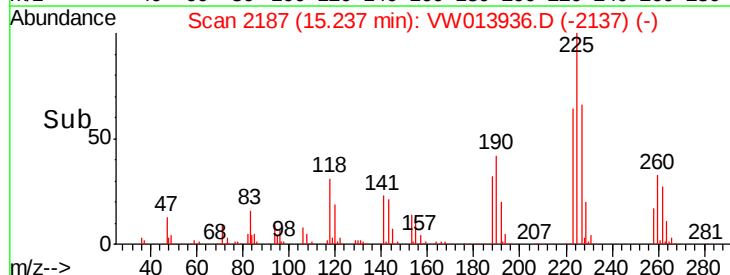
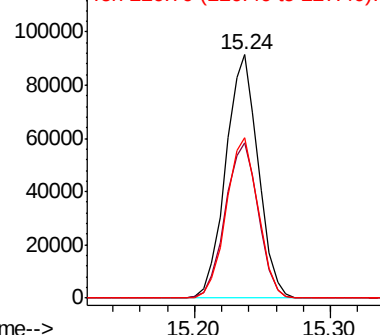


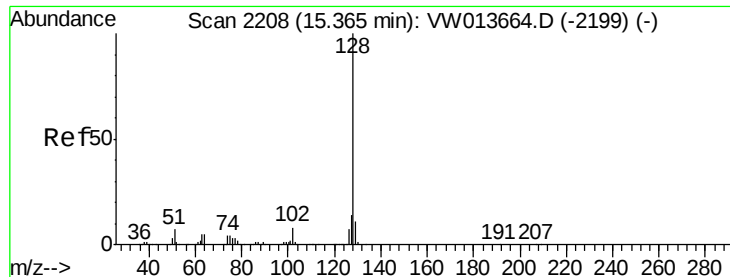
#94
 Hexachlorobutadiene
 Concen: 55.379 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW013936.D
 Acq: 08 Nov 2019 10:41

Tgt Ion:225 Resp: 153067
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.9 95.9
 227 64.8 32.5 97.4



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: 51.882 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

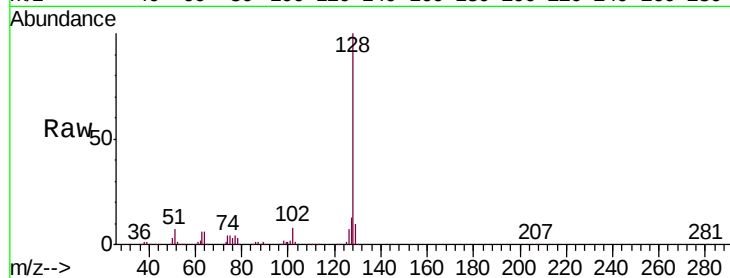
Tgt Ion:128 Resp: 333047

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.7 8.7 13.1

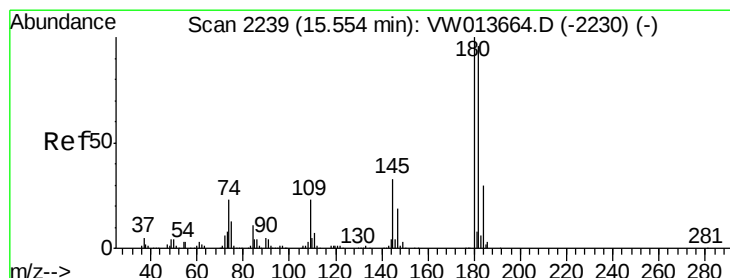
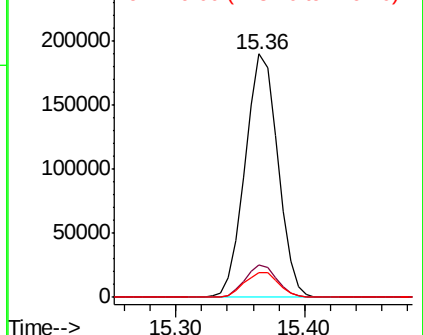
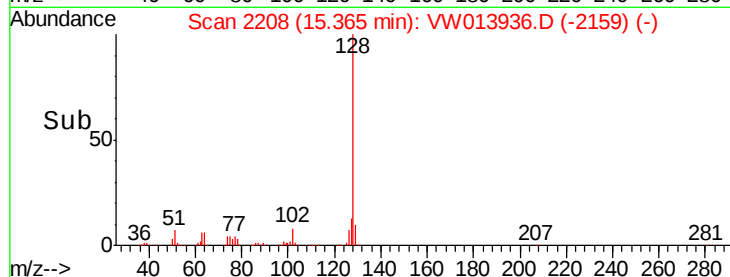


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.490 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW013936.D

Acq: 08 Nov 2019 10:41

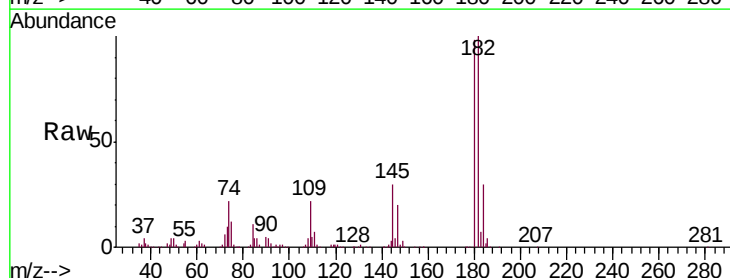
Tgt Ion:180 Resp: 185184

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.3

145 28.9 14.9 44.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

