

Data File : VW008721.D
Acq On : 18 Feb 2019 11:41
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: Feb 19 03:27:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	372268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	542502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	481962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	252613	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	186141	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	7.88	113	175001	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	10.32	98	676922	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.62	95	245909	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	120888	50.701	ug/l	97
3) Chloromethane	2.21	50	144709	42.100	ug/l	98
4) Vinyl Chloride	2.37	62	227367	50.358	ug/l	100
5) Bromomethane	2.78	94	168622	47.197	ug/l	98
6) Chloroethane	2.92	64	164123	48.852	ug/l	97
7) Trichlorofluoromethane	3.25	101	158210	44.990	ug/l	100
8) Diethyl Ether	3.67	74	96230	45.856	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	197424	53.125	ug/l	97
10) Methyl Iodide	4.26	142	293418	50.587	ug/l	99
11) Tert butyl alcohol	5.17	59	62577	202.087	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	185118	50.936	ug/l	96
13) Acrolein	3.88	56	76436	239.585	ug/l	98
14) Allyl chloride	4.66	41	308442	51.082	ug/l	99
15) Acrylonitrile	5.36	53	192072	217.453	ug/l	98
16) Acetone	4.12	43	195554	222.045	ug/l	98
17) Carbon Disulfide	4.37	76	566768	51.677	ug/l	100
18) Methyl Acetate	4.66	43	85031	42.252	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	291565	45.700	ug/l	100
20) Methylene Chloride	4.90	84	189639	48.682	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	201977	50.747	ug/l	96
22) Diisopropyl ether	6.31	45	583448	48.009	ug/l	98
23) Vinyl Acetate	6.25	43	1777468	225.355	ug/l	99
24) 1,1-Dichloroethane	6.21	63	353043	50.344	ug/l	98
25) 2-Butanone	7.16	43	260201	209.234	ug/l	99
26) 2,2-Dichloropropane	7.16	77	245090	55.945	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	212633	49.406	ug/l	98
28) Bromochloromethane	7.51	49	137552	46.465	ug/l	99
29) Tetrahydrofuran	7.52	42	164336	200.490	ug/l	99
30) Chloroform	7.67	83	357038	50.811	ug/l	96
31) Cyclohexane	7.95	56	336703	47.569	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	314708	53.031	ug/l	99
36) 1,1-Dichloropropene	8.07	75	291199	53.427	ug/l	99
37) Ethyl Acetate	7.25	43	116701	44.387	ug/l	99
38) Carbon Tetrachloride	8.06	117	309698	57.142	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	360726	52.326	ug/l	97
40) Benzene	8.32	78	785524	52.771	ug/l	99
41) Methacrylonitrile	7.48	41	73173	49.465	ug/l	95
42) 1,2-Dichloroethane	8.40	62	231912	50.228	ug/l	100
43) Isopropyl Acetate	8.42	43	232228	44.296	ug/l	96
44) Trichloroethene	9.09	130	221893	53.763	ug/l	94
45) 1,2-Dichloropropane	9.37	63	189630	51.475	ug/l	95
46) Dibromomethane	9.45	93	99651	49.105	ug/l	99
47) Bromodichloromethane	9.64	83	261050	53.526	ug/l	99
48) Methyl methacrylate	9.43	41	112028	46.110	ug/l	100
49) 1,4-Dioxane	9.44	88	31372	968.487	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	580890	215.698	ug/l	99
52) Toluene	10.38	92	504368	52.522	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	262929	51.318	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	301189	51.857	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	134211	48.200	ug/l	97
56) Ethyl methacrylate	10.65	69	168508	45.575	ug/l	99
57) 1,3-Dichloropropane	10.93	76	237236	48.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	390148	219.967	ug/l	99
59) 2-Hexanone	10.97	43	418719	221.324	ug/l	98
60) Dibromochloromethane	11.13	129	171115	51.360	ug/l	99
61) 1,2-Dibromoethane	11.24	107	132355	48.276	ug/l	99
64) Tetrachloroethene	10.86	164	187981	52.449	ug/l	99
65) Chlorobenzene	11.66	112	546801	52.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	194777	52.929	ug/l	99
67) Ethyl Benzene	11.73	91	981039	53.017	ug/l	99
68) m/p-Xylenes	11.84	106	756708	105.101	ug/l	99
69) o-Xylene	12.16	106	354143	52.037	ug/l	99
70) Styrene	12.18	104	579215	52.107	ug/l	99
71) Bromoform	12.35	173	97989	49.419	ug/l #	100
73) Isopropylbenzene	12.47	105	991360	52.685	ug/l	99
74) N-amyl acetate	12.27	43	229004	45.005	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	152193	46.488	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	214043	85.808	ug/l #	100
77) Bromobenzene	12.75	156	221648	51.244	ug/l	98
78) n-propylbenzene	12.80	91	1200613	53.701	ug/l	100
79) 2-Chlorotoluene	12.90	91	665857	52.696	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	834461	53.391	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	50279	44.721	ug/l	97
82) 4-Chlorotoluene	12.99	91	695126	51.910	ug/l	99
83) tert-Butylbenzene	13.21	119	723767	53.331	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	844637	52.580	ug/l	100
85) sec-Butylbenzene	13.38	105	1055694	53.424	ug/l	100
86) p-Isopropyltoluene	13.50	119	941433	53.255	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	454302	51.811	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	449151	51.975	ug/l	100
89) n-Butylbenzene	13.83	91	900123	53.582	ug/l	100
90) Hexachloroethane	14.10	117	176120	57.025	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	393424	50.643	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26004	45.708	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021819\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	287259	51.945	ug/l	99
94) Hexachlorobutadiene	15.24	225	179253	55.686	ug/l	100
95) Naphthalene	15.37	128	476476	48.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	247634	52.184	ug/l	99

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

Data File : VW008721.D

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Sample : VSTDCCC050

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

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ALS Vial      : 2      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

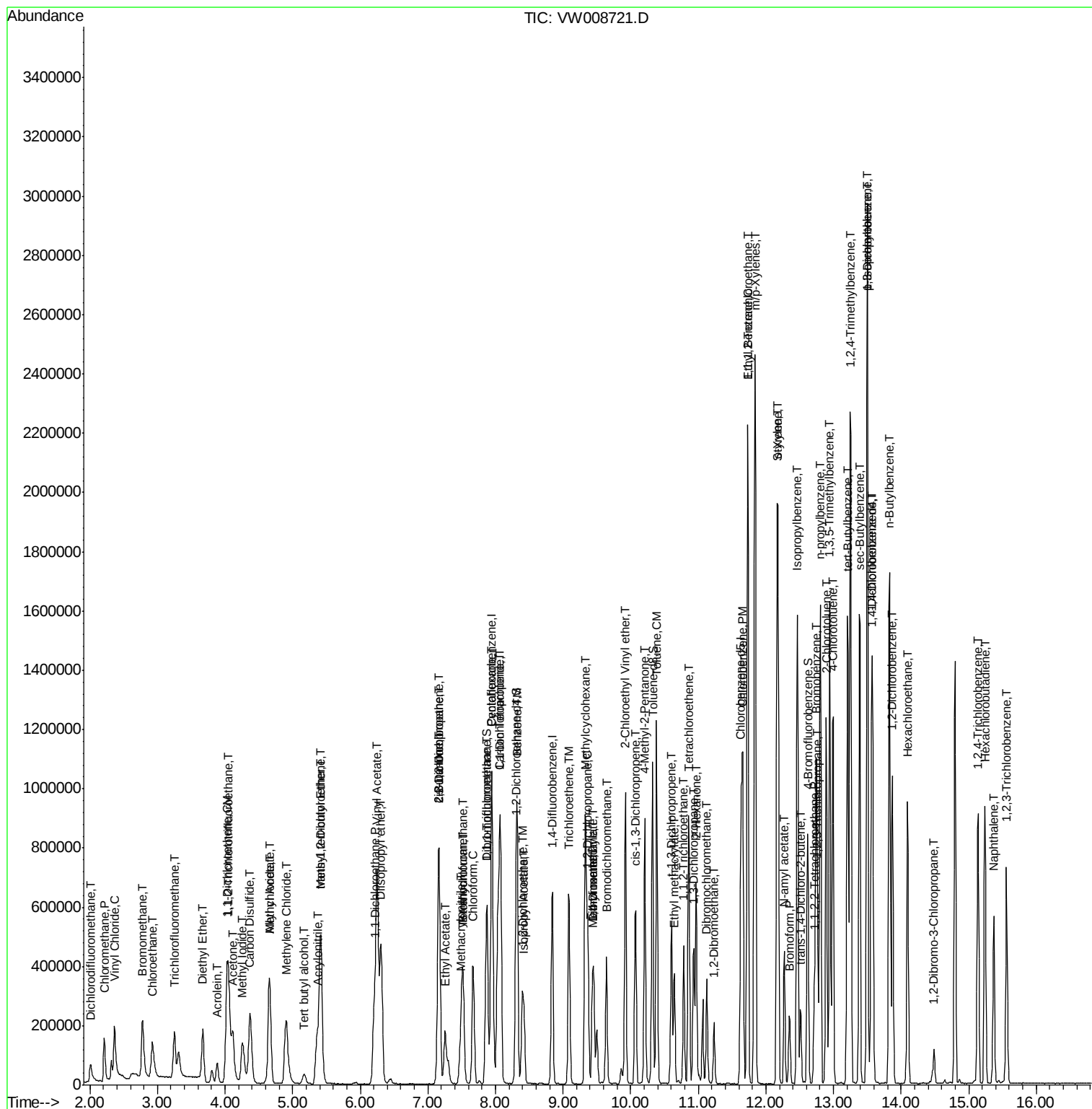
Quant Time: Feb 19 03:27:48 2019

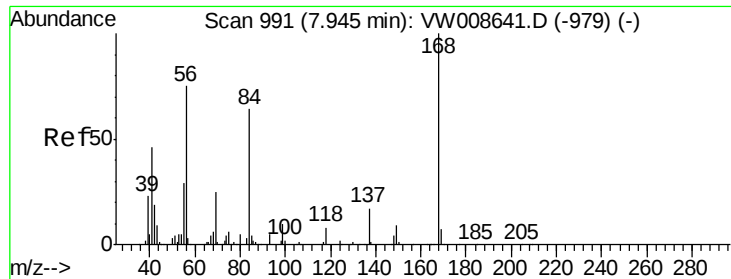
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W021319S.M

Quant Title : SW846 8260

QLast Update : Thu Feb 14 04:06:50 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: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

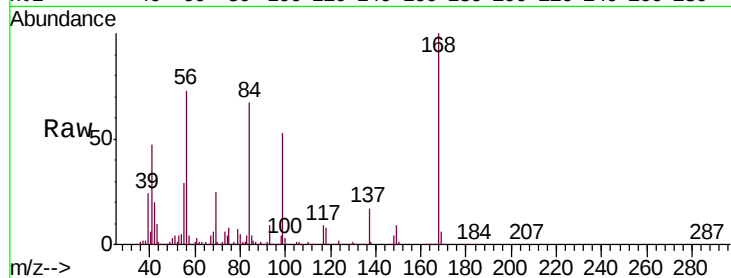
VSTDCCC050

Tgt Ion:168 Resp: 372268

Ion Ratio Lower Upper

168 100

99 53.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

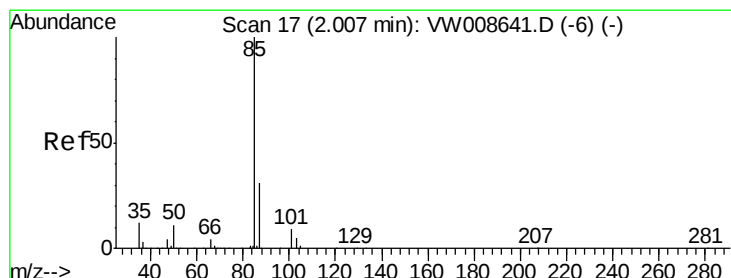
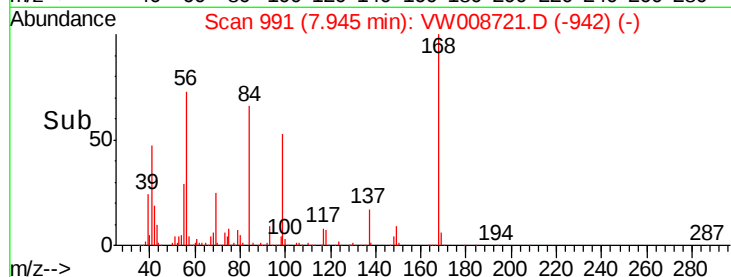
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 50.701 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008721.D

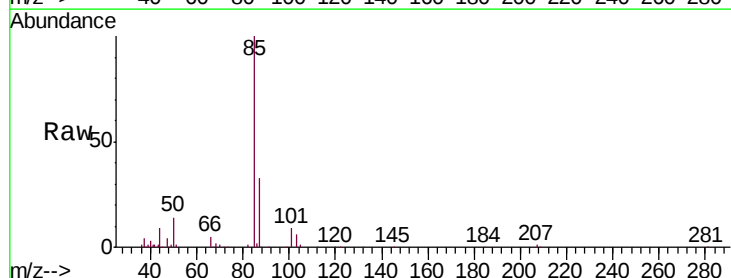
Acq: 18 Feb 2019 11:41

Tgt Ion: 85 Resp: 120888

Ion Ratio Lower Upper

85 100

87 32.6 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

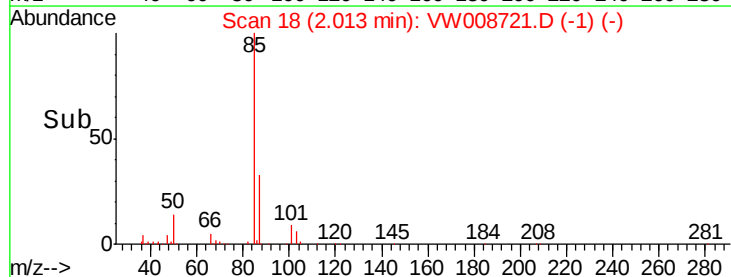
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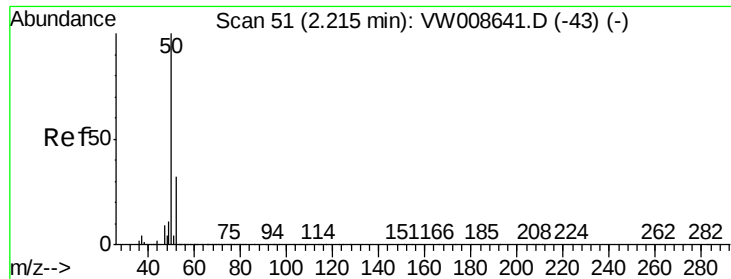
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0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 42.100 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

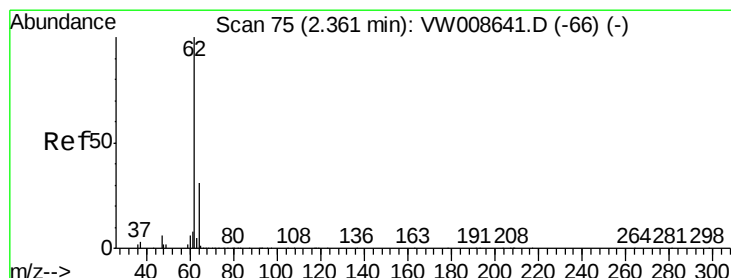
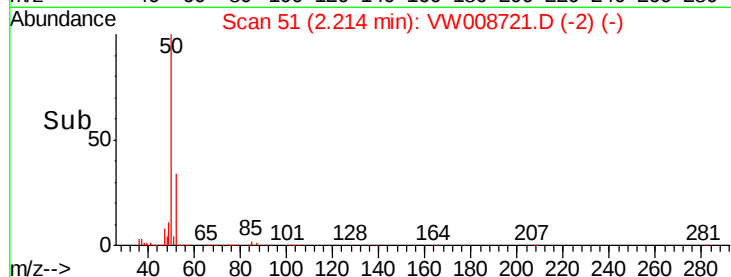
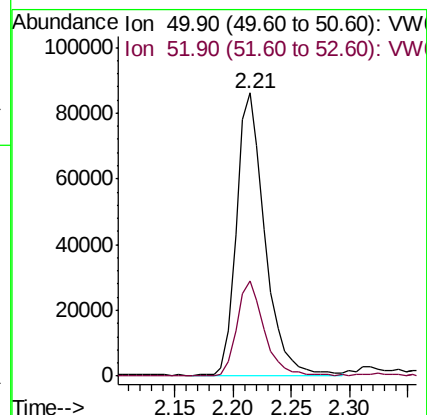
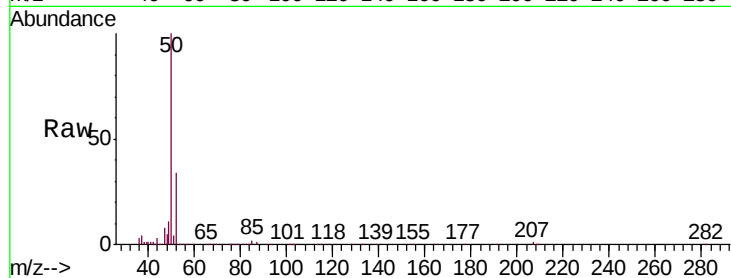
VSTDCCC050

Tgt Ion: 50 Resp: 144709

Ion Ratio Lower Upper

50 100

52 33.6 26.0 39.0



#4

Vinyl Chloride

Concen: 50.358 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.01 min

Lab File: VW008721.D

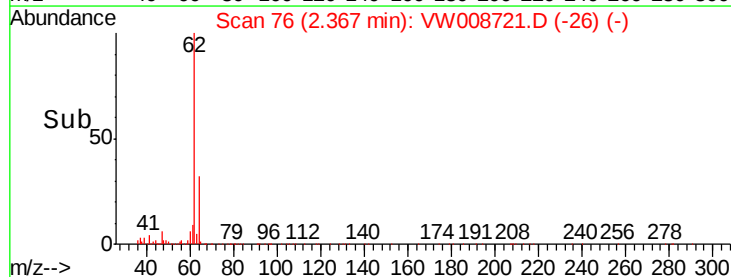
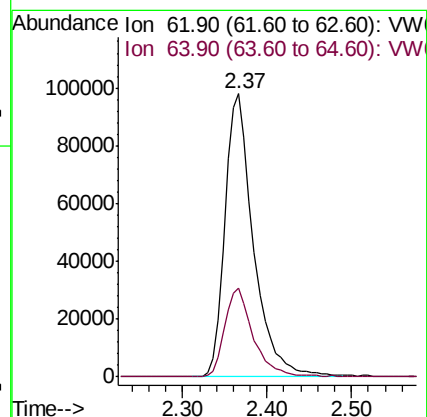
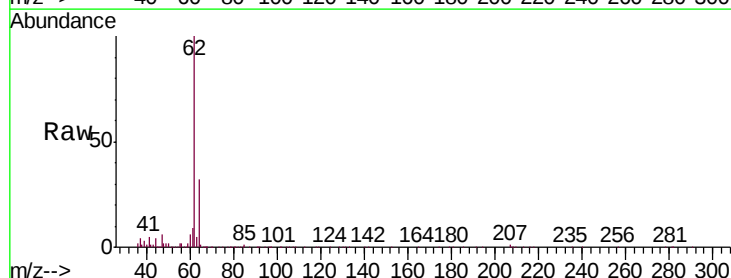
Acq: 18 Feb 2019 11:41

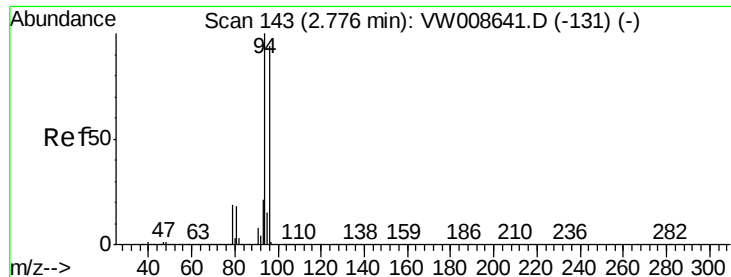
Tgt Ion: 62 Resp: 227367

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 47.197 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

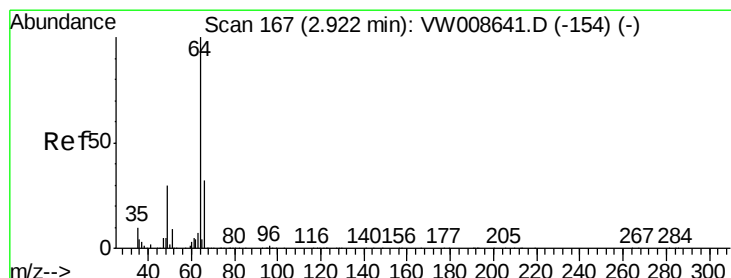
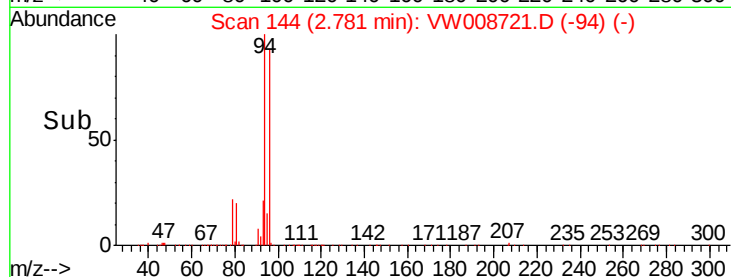
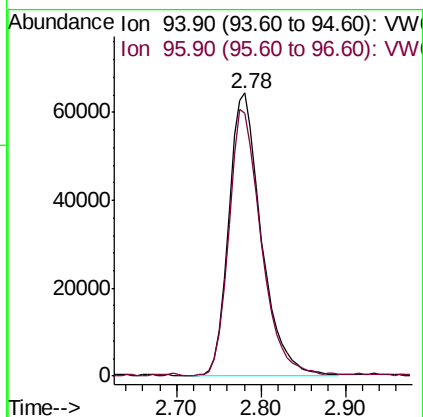
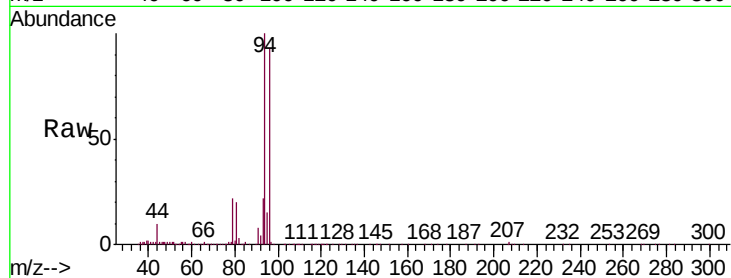
VSTDCCC050

Tgt Ion: 94 Resp: 168622

Ion Ratio Lower Upper

94 100

96 92.5 75.5 113.3



#6

Chloroethane

Concen: 48.852 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW008721.D

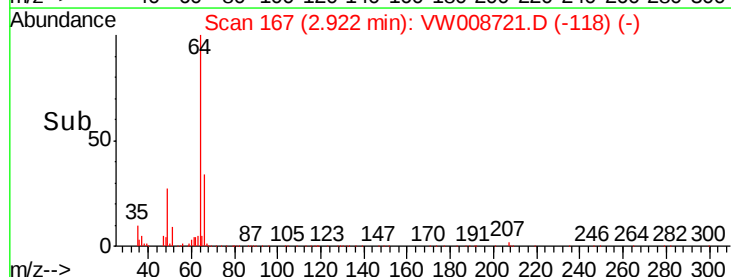
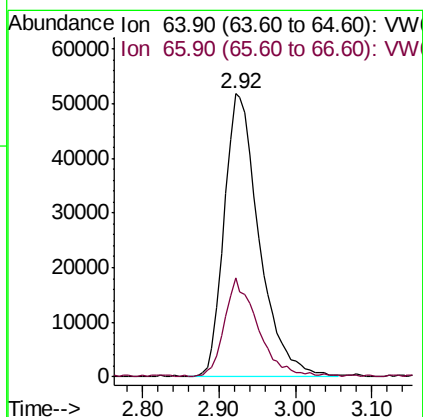
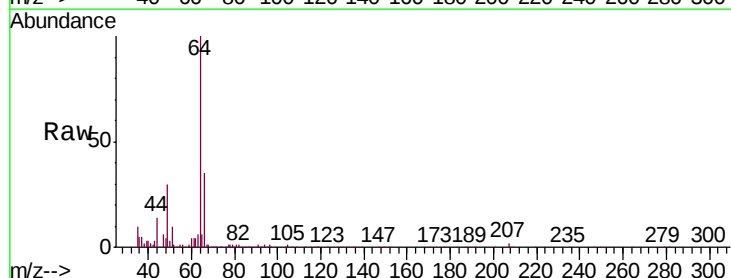
Acq: 18 Feb 2019 11:41

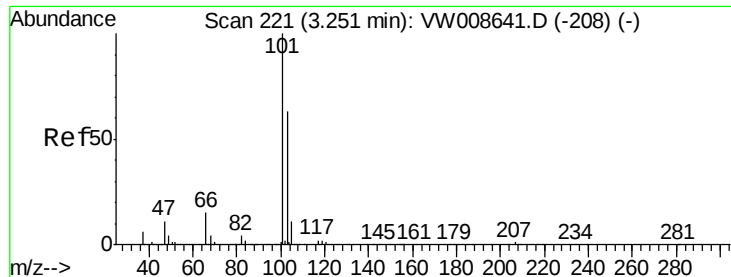
Tgt Ion: 64 Resp: 164123

Ion Ratio Lower Upper

64 100

66 34.5 26.2 39.4



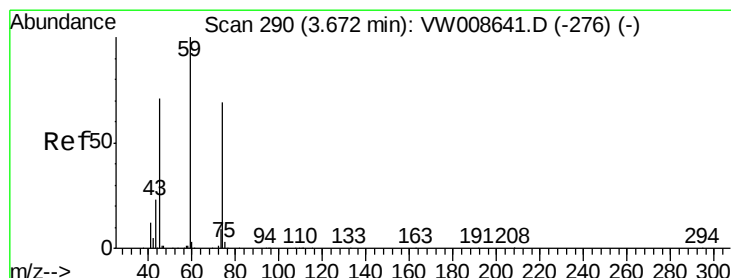
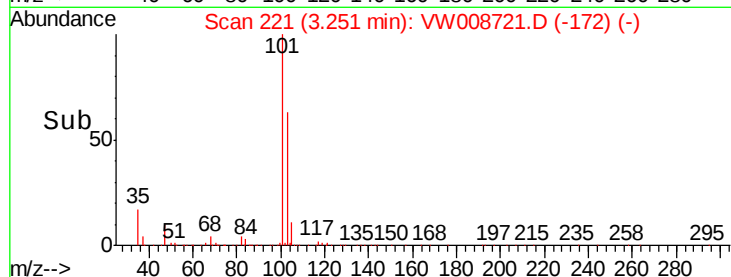
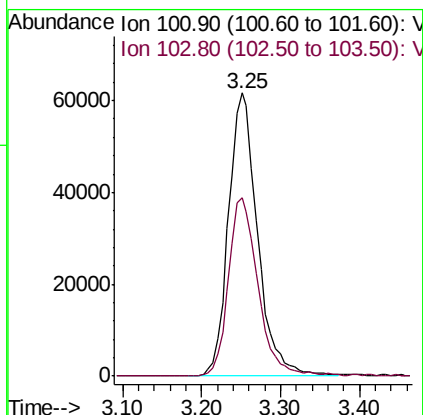
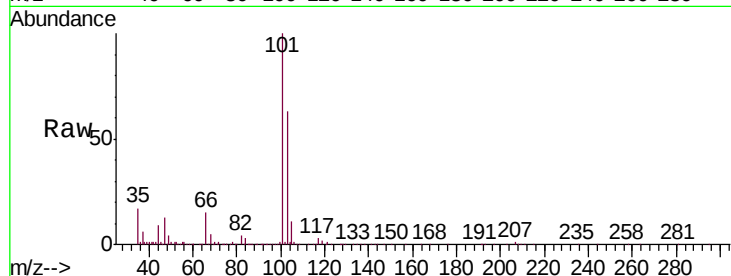


#7

Trichlorofluoromethane
Concen: 44.990 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW008721.D
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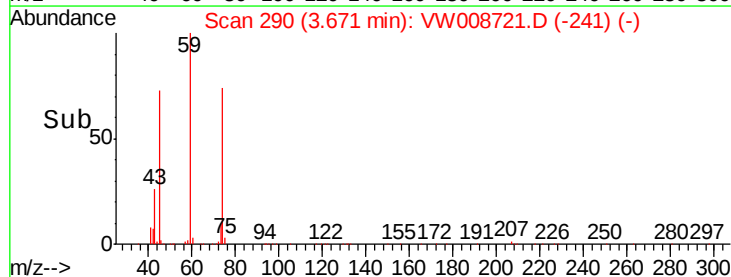
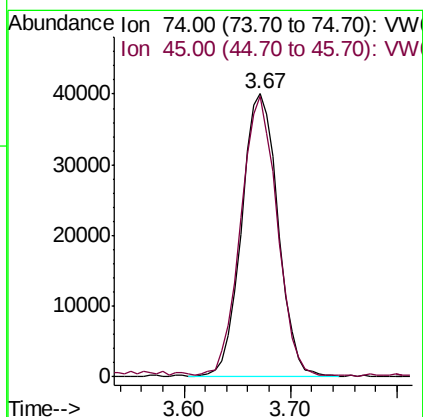
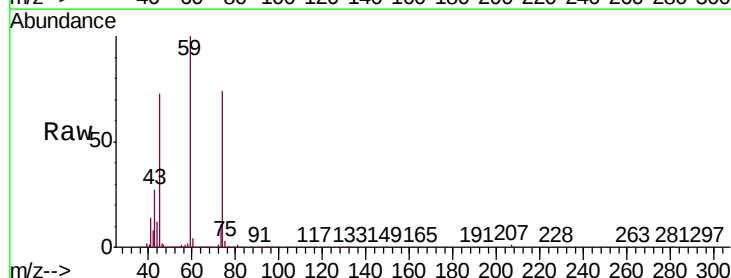
Tgt Ion:101 Resp: 158210
Ion Ratio Lower Upper
101 100
103 62.8 50.5 75.7

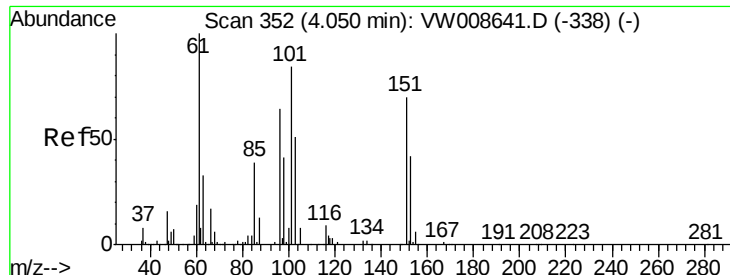


#8

Diethyl Ether
Concen: 45.856 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion: 74 Resp: 96230
Ion Ratio Lower Upper
74 100
45 98.2 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.125 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.00 min

Lab File: VW008721.D

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Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

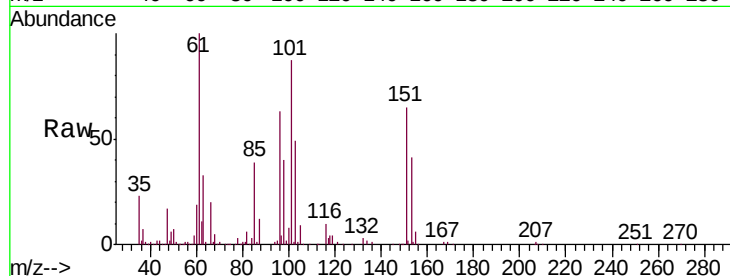
Tgt Ion:101 Resp: 197424

Ion Ratio Lower Upper

101 100

85 45.5 34.3 51.5

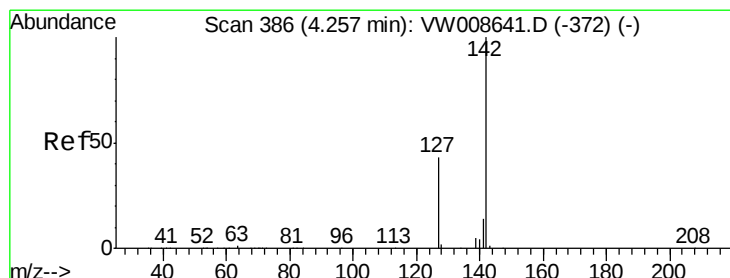
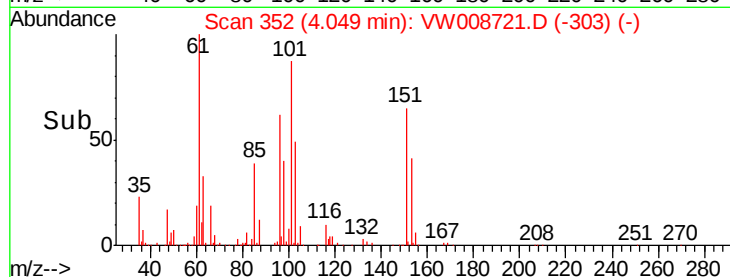
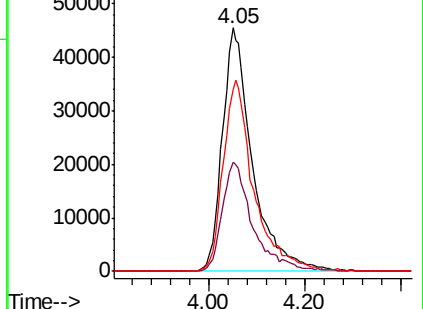
151 79.7 65.6 98.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.587 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

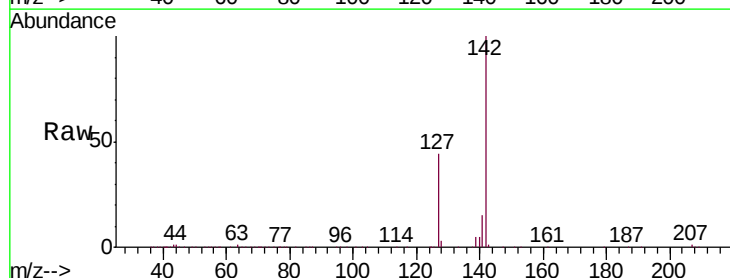
Tgt Ion:142 Resp: 293418

Ion Ratio Lower Upper

142 100

127 44.5 34.8 52.2

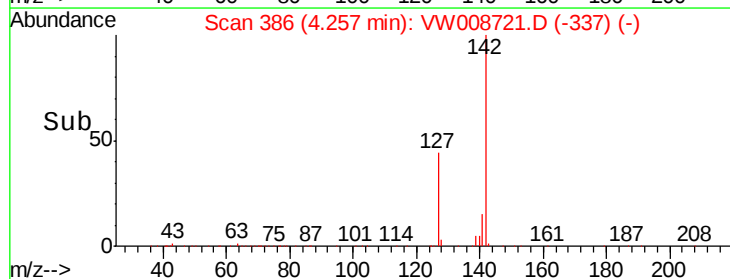
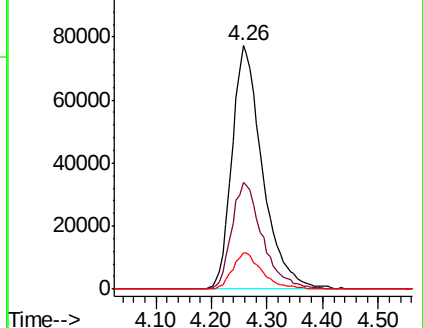
141 14.5 11.8 17.8

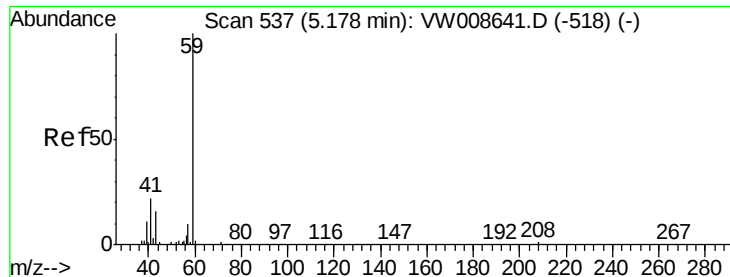


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



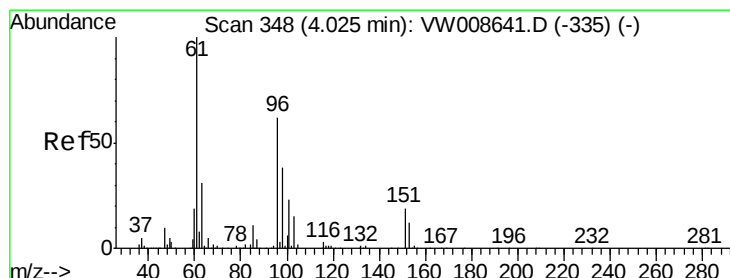
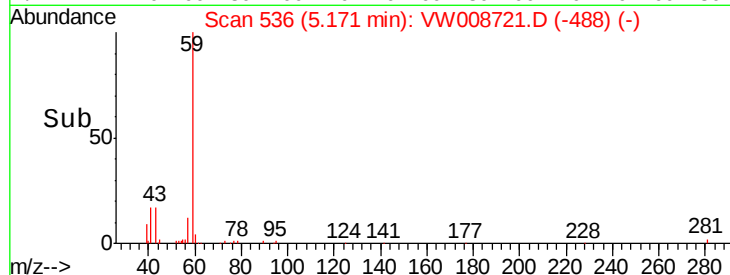
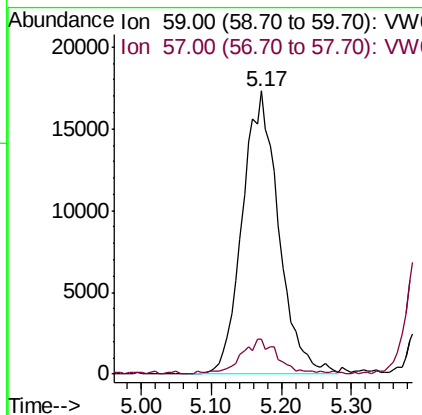
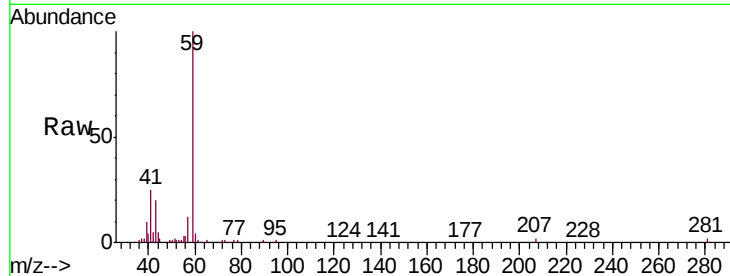


#11

Tert butyl alcohol
 Concen: 202.087 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

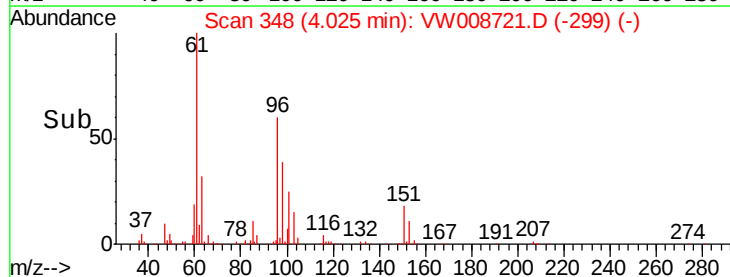
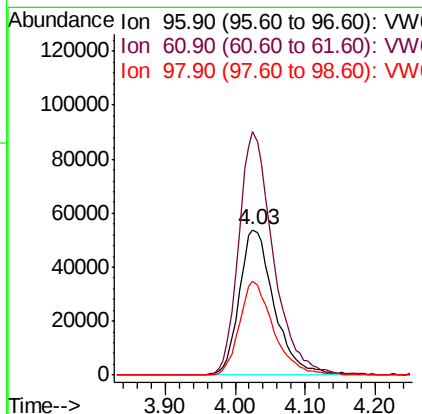
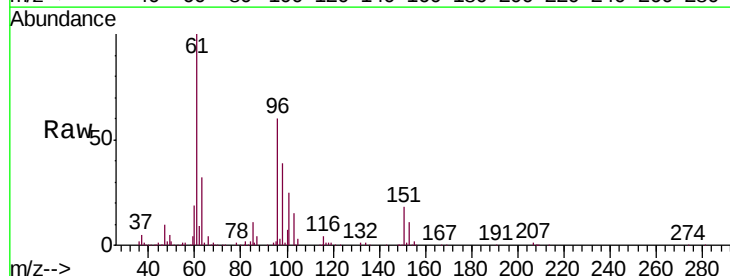
Tgt Ion: 59 Resp: 62577
 Ion Ratio Lower Upper
 59 100
 57 12.9 8.3 12.5#

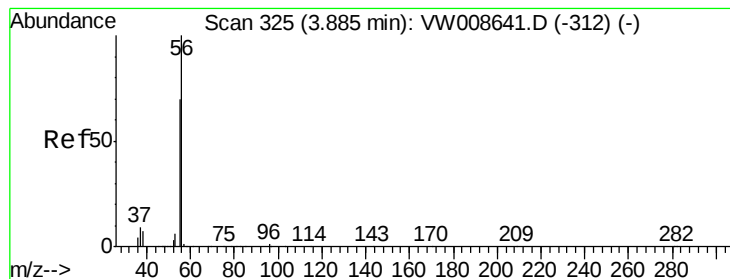


#12

1,1-Dichloroethene
 Concen: 50.936 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

Tgt Ion: 96 Resp: 185118
 Ion Ratio Lower Upper
 96 100
 61 167.5 129.8 194.6
 98 64.5 49.3 73.9





#13

Acrolein

Concen: 239.585 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

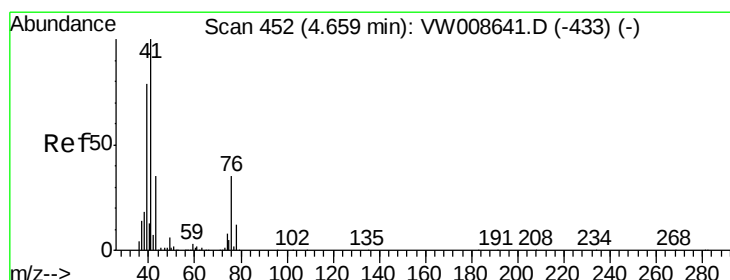
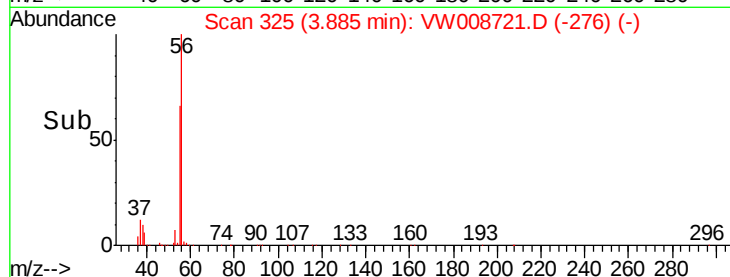
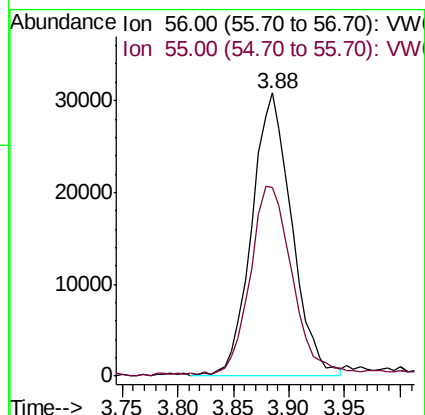
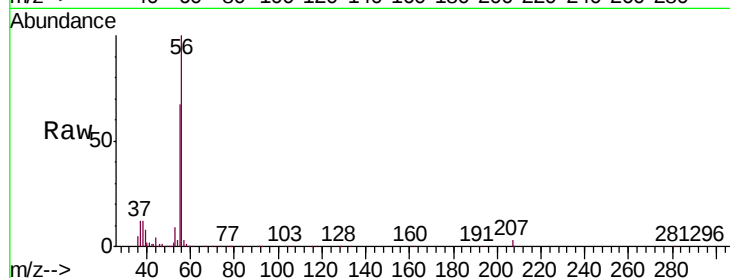
VSTDCCC050

Tgt Ion: 56 Resp: 76436

Ion Ratio Lower Upper

56 100

55 70.0 57.4 86.2



#14

Allyl chloride

Concen: 51.082 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

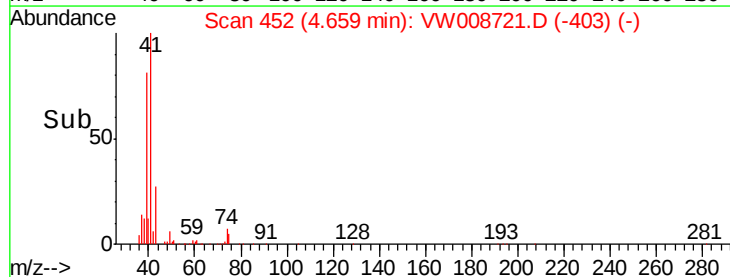
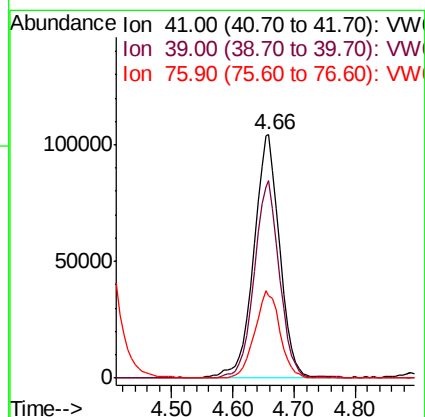
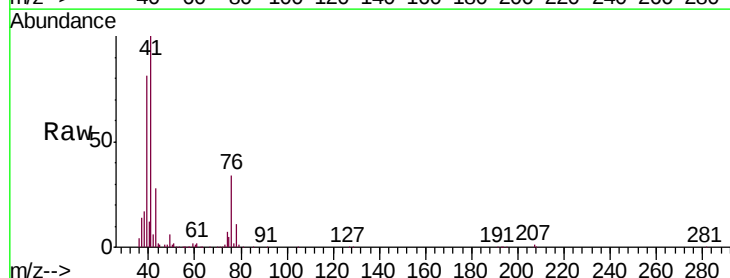
Tgt Ion: 41 Resp: 308442

Ion Ratio Lower Upper

41 100

39 78.5 61.7 92.5

76 34.4 27.7 41.5





#15

Acrylonitrile

Concen: 217.453 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

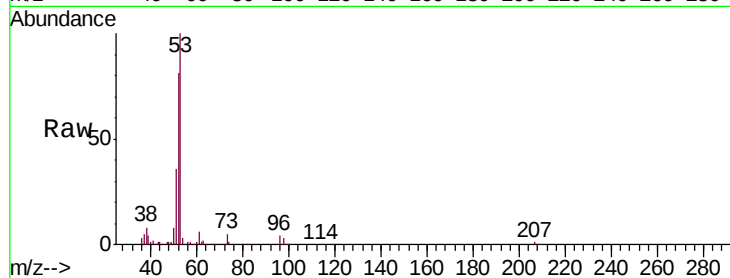
Tgt Ion: 53 Resp: 192072

Ion Ratio Lower Upper

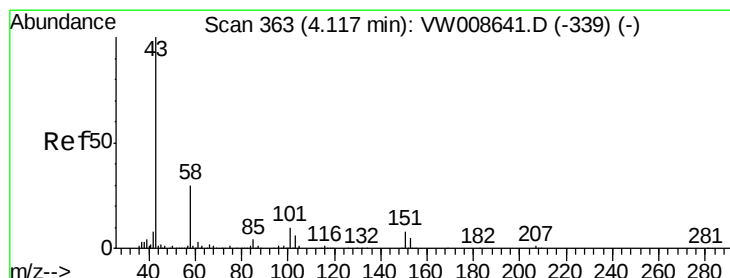
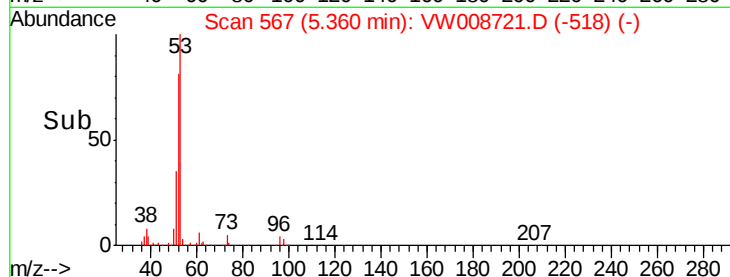
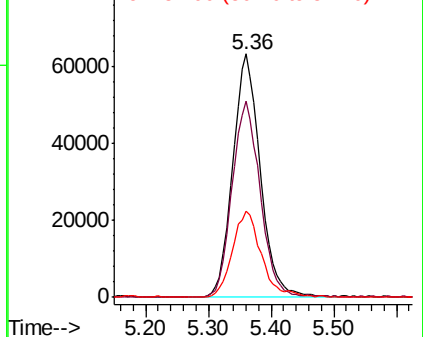
53 100

52 81.8 66.8 100.2

51 37.4 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 222.045 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008721.D

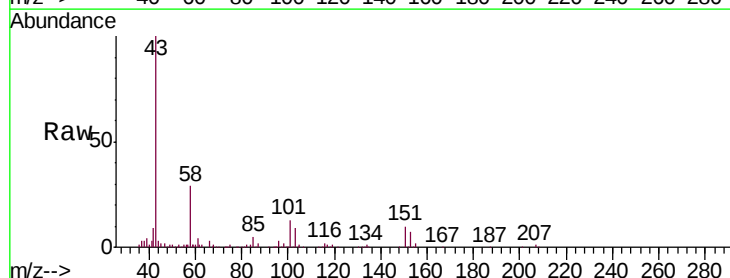
Acq: 18 Feb 2019 11:41

Tgt Ion: 43 Resp: 195554

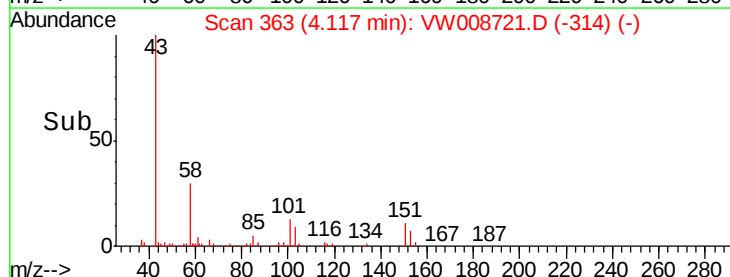
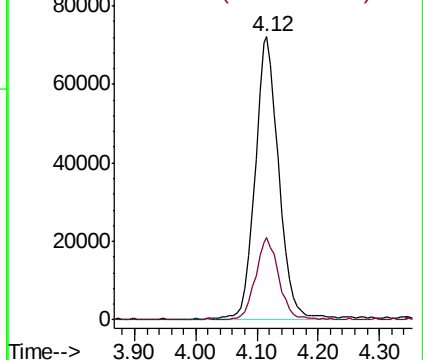
Ion Ratio Lower Upper

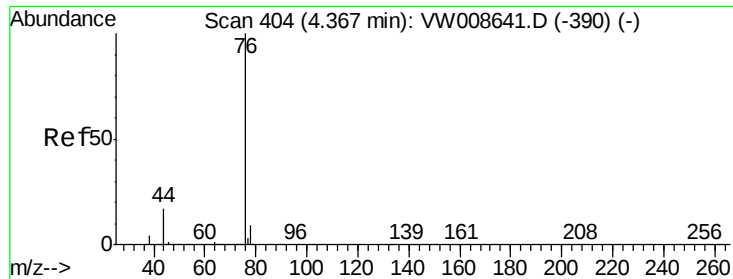
43 100

58 29.1 24.1 36.1



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

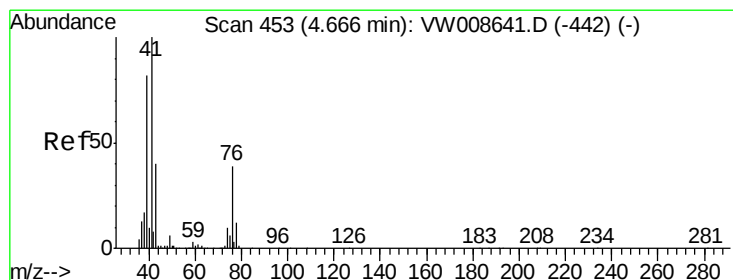
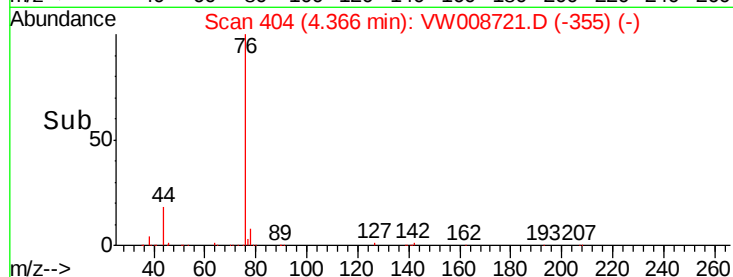
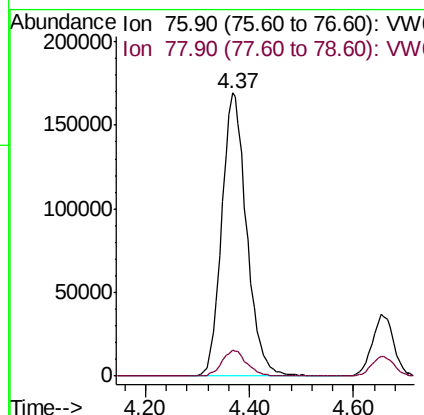
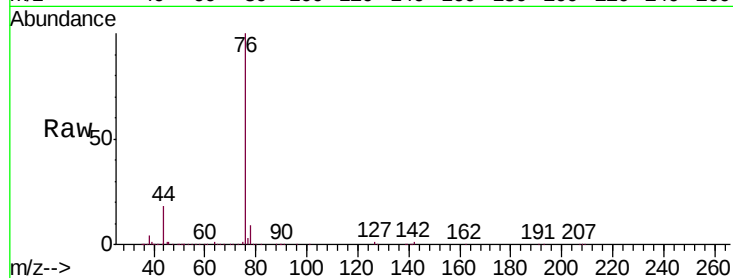




#17
Carbon Disulfide
Concen: 51.677 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

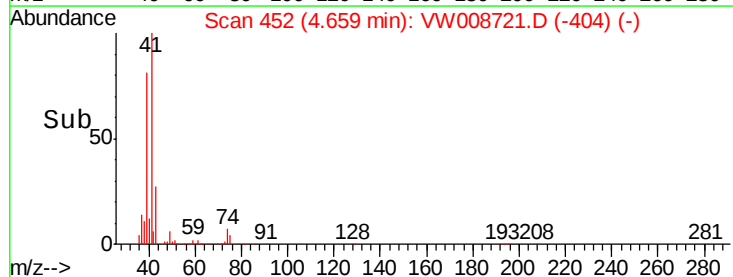
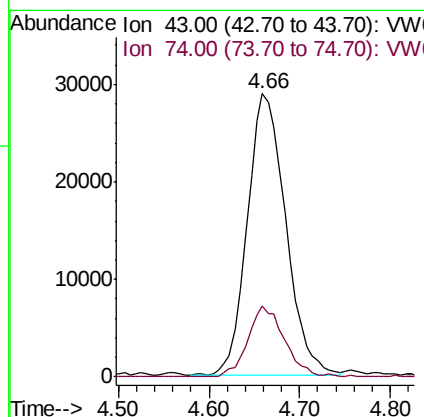
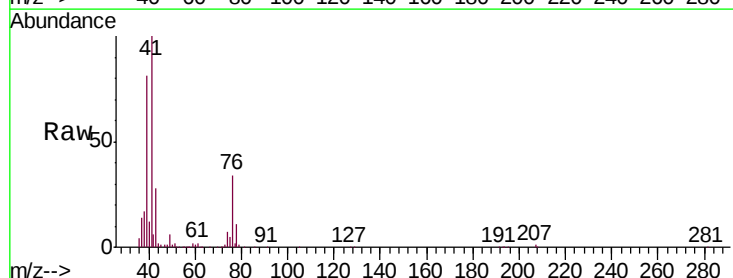
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

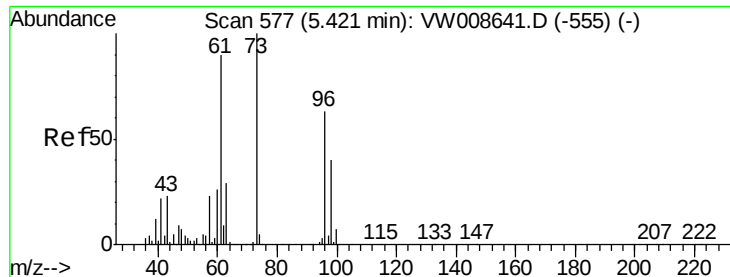
Tgt Ion: 76 Resp: 566768
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 42.252 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion: 43 Resp: 85031
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.4



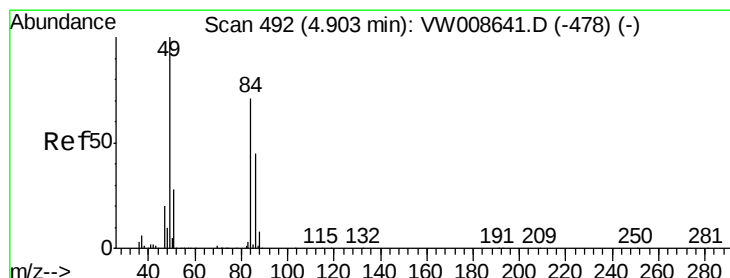
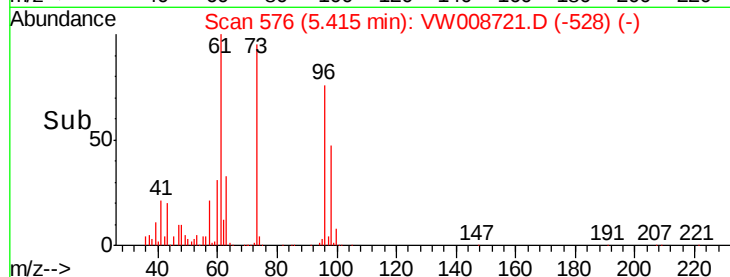
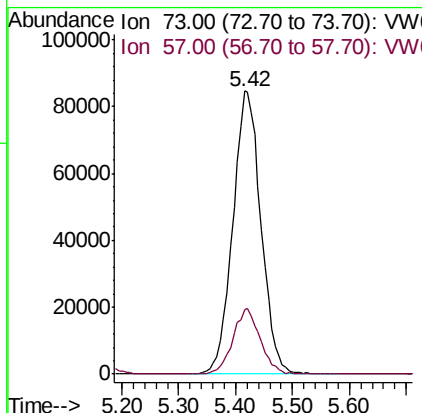
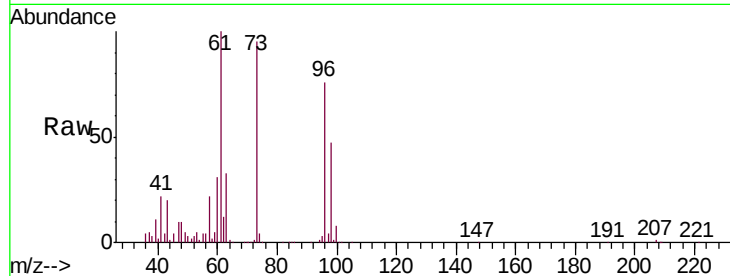


#19

Methyl tert-butyl Ether
 Concen: 45.700 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

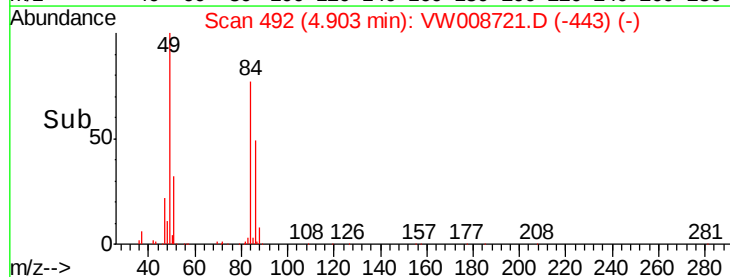
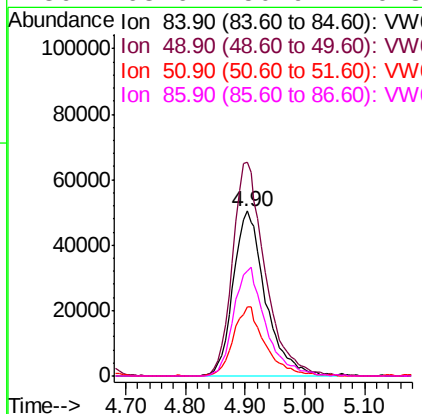
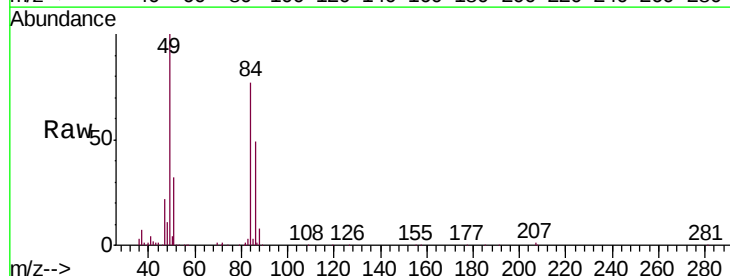
Tgt Ion: 73 Resp: 291565
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.2 27.2

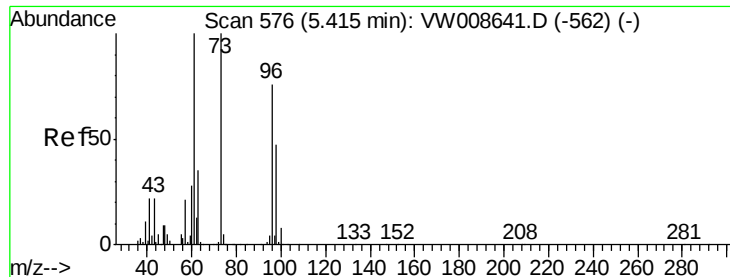


#20

Methylene Chloride
 Concen: 48.682 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

Tgt Ion: 84 Resp: 189639
 Ion Ratio Lower Upper
 84 100
 49 129.7 113.3 169.9
 51 41.9 32.1 48.1
 86 63.6 50.9 76.3

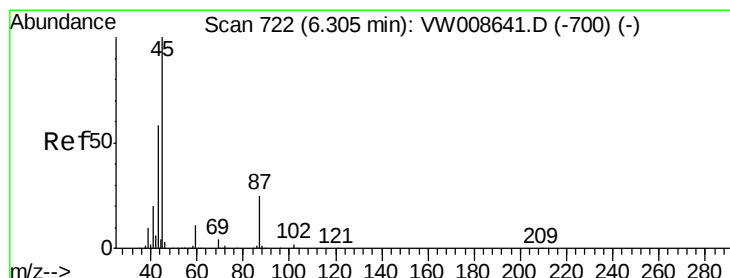
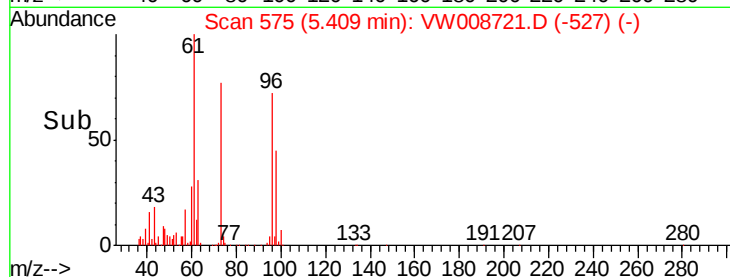
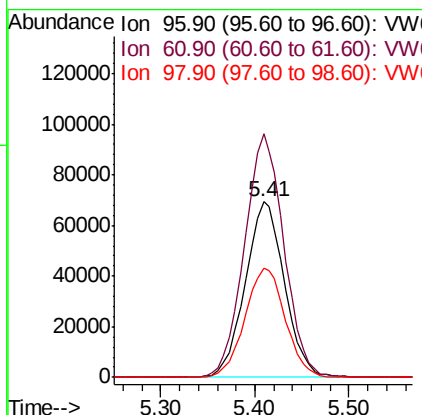
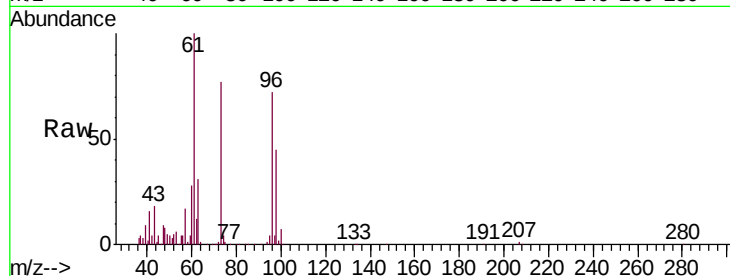




#21
trans-1,2-Dichloroethene
Concen: 50.747 ug/l
RT: 5.41 min Scan# 575
Delta R.T. -0.01 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

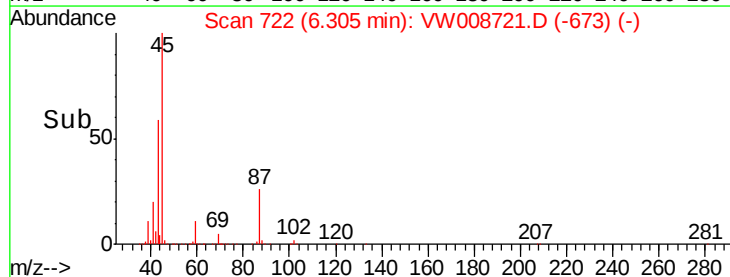
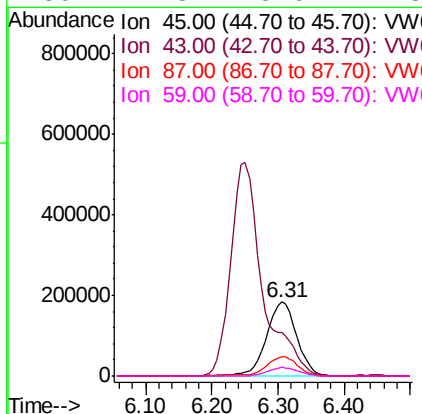
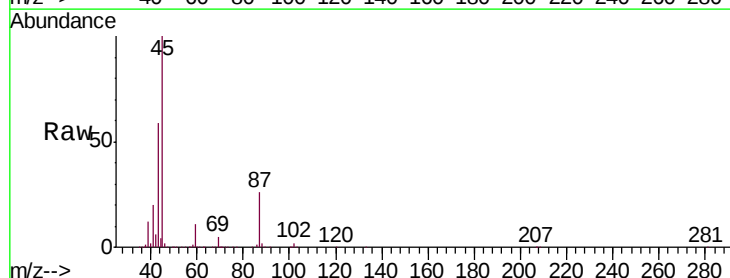
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

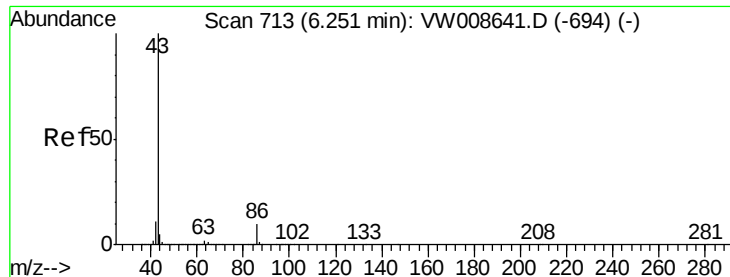
Tgt Ion: 96 Resp: 201977
Ion Ratio Lower Upper
96 100
61 138.8 105.9 158.9
98 62.5 49.8 74.6



#22
Diisopropyl ether
Concen: 48.009 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion: 45 Resp: 583448
Ion Ratio Lower Upper
45 100
43 59.3 46.1 69.1
87 25.6 20.5 30.7
59 11.3 8.6 12.8





#23

Vinyl Acetate

Concen: 225.355 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

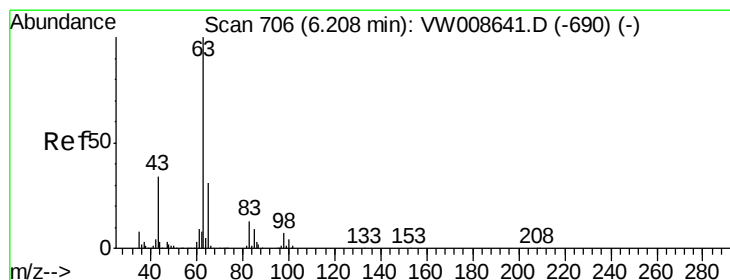
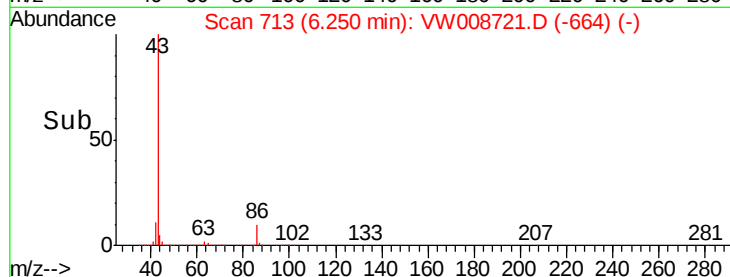
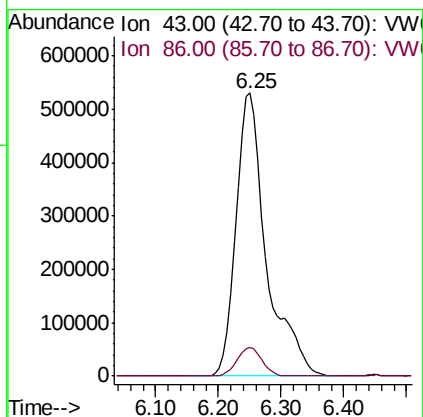
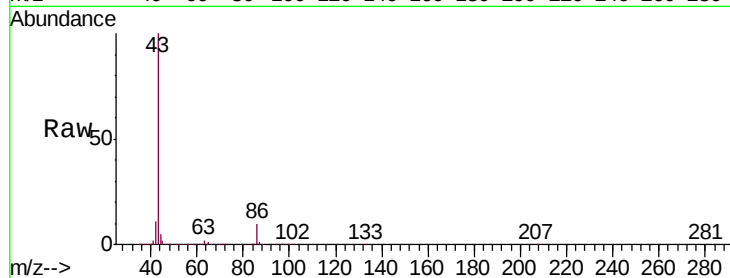
VSTDCCC050

Tgt Ion: 43 Resp: 1777468

Ion Ratio Lower Upper

43 100

86 10.3 7.9 11.9



#24

1,1-Dichloroethane

Concen: 50.344 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

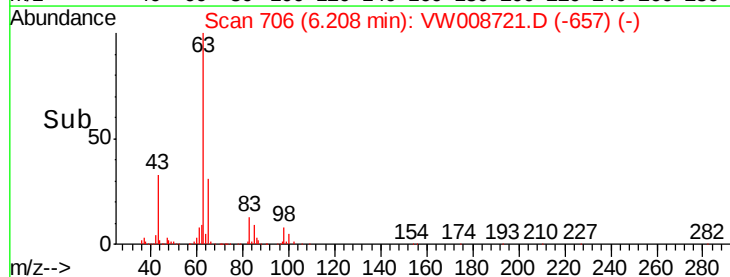
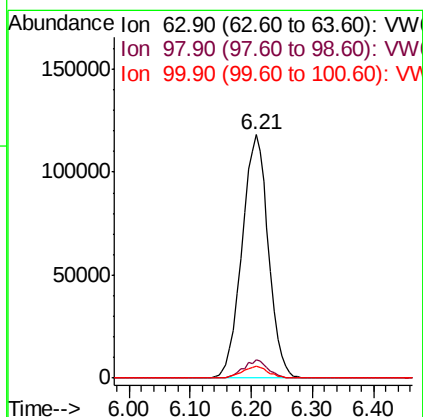
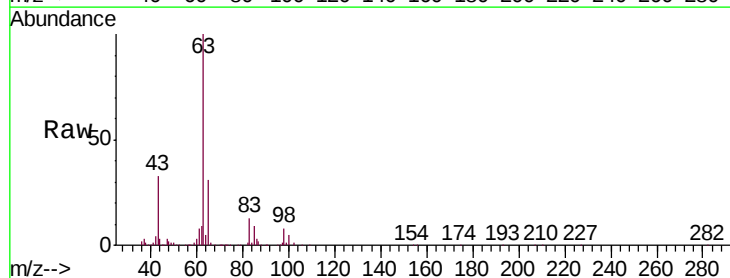
Tgt Ion: 63 Resp: 353043

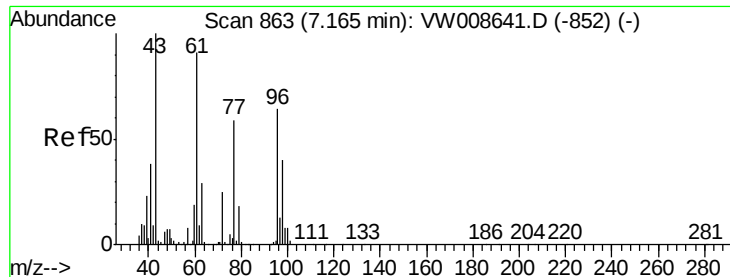
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 5.0 2.2 6.6

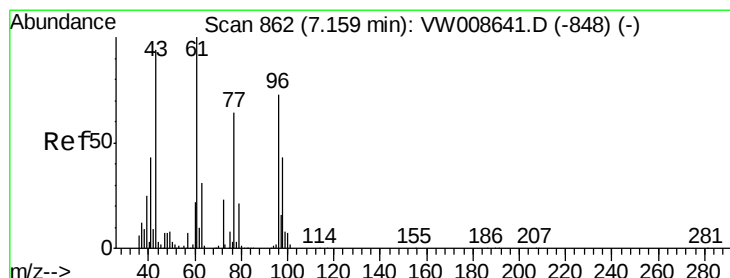
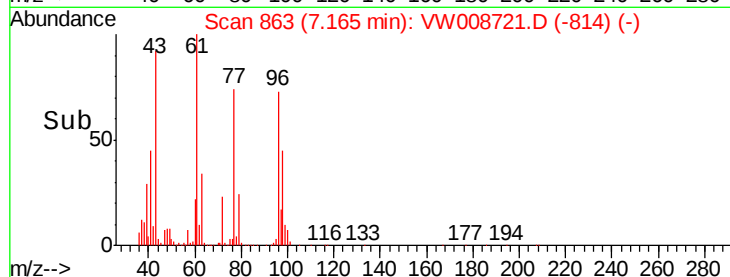
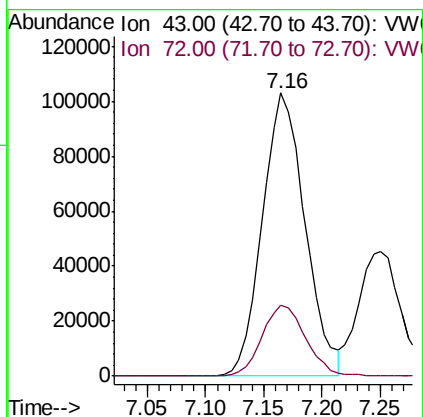
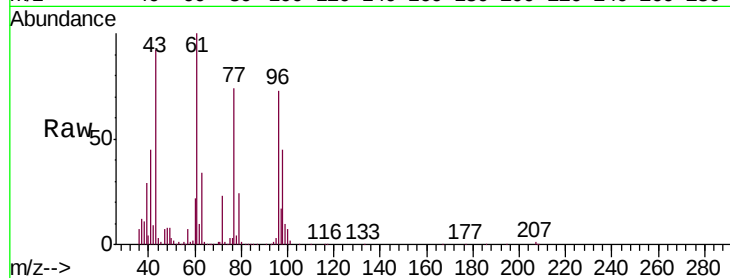




#25
2-Butanone
Concen: 209.234 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

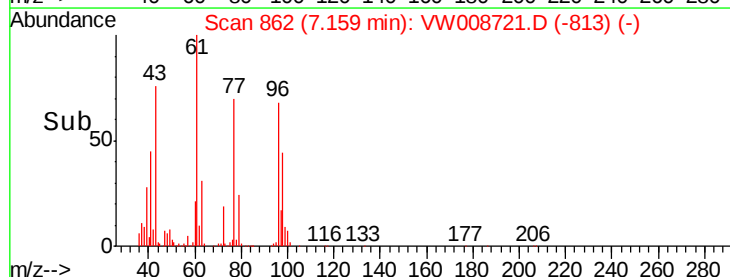
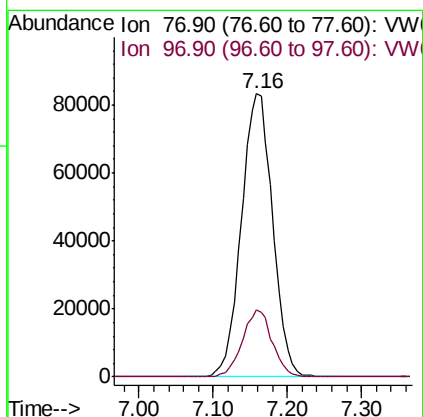
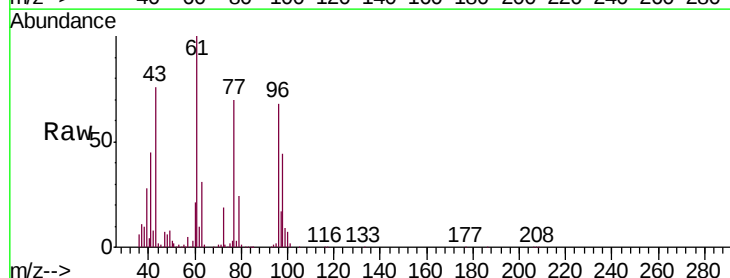
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

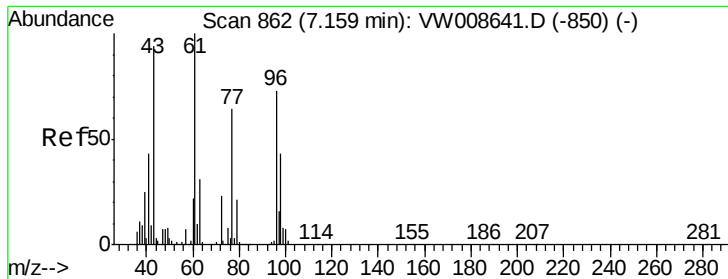
Tgt Ion: 43 Resp: 260201
Ion Ratio Lower Upper
43 100
72 25.2 19.7 29.5



#26
2,2-Dichloropropane
Concen: 55.945 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion: 77 Resp: 245090
Ion Ratio Lower Upper
77 100
97 22.6 11.7 35.0



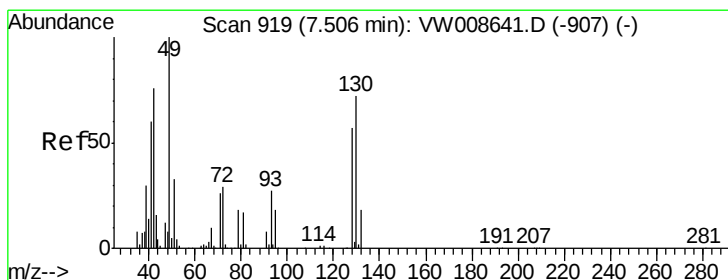
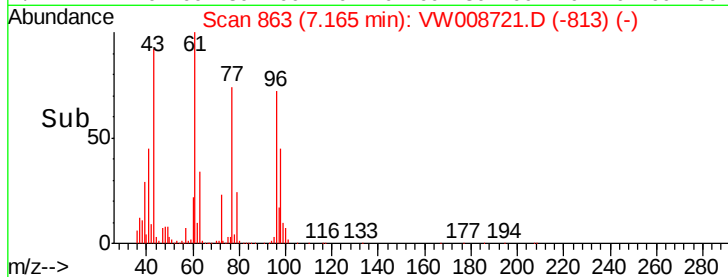
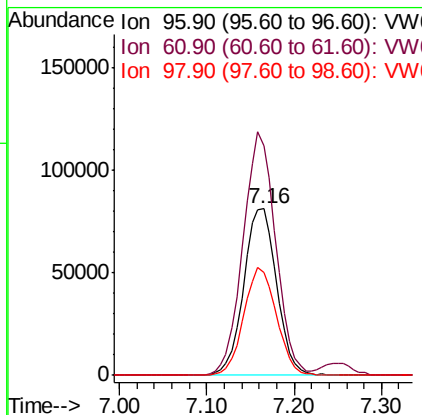
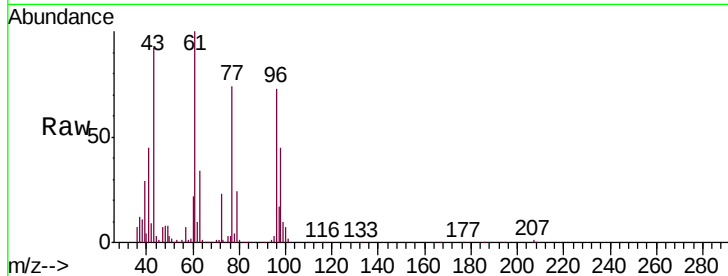


#27

cis-1,2-Dichloroethene
Concen: 49.406 ug/l
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

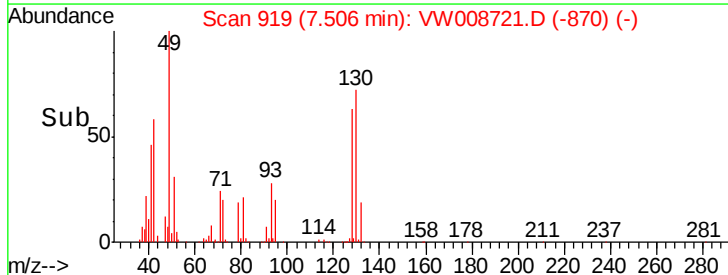
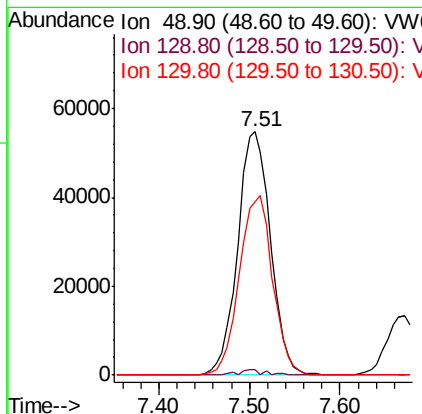
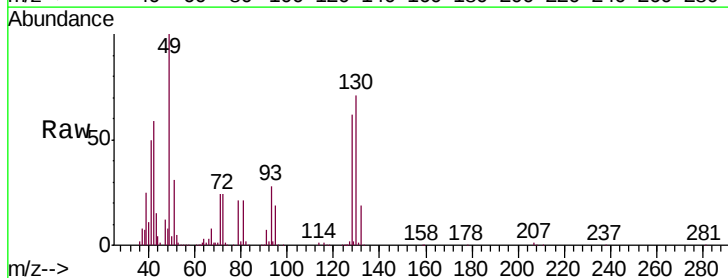
Tgt Ion: 96 Resp: 212633
Ion Ratio Lower Upper
96 100
61 145.1 0.0 286.4
98 64.4 0.0 125.0

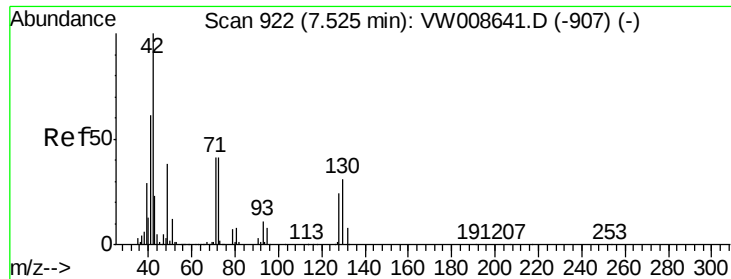


#28

Bromochloromethane
Concen: 46.465 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion: 49 Resp: 137552
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.2
130 74.7 59.4 89.0

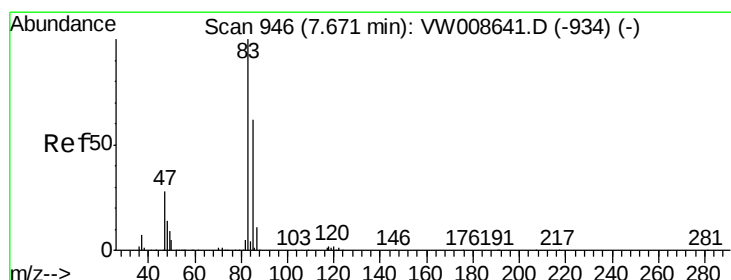
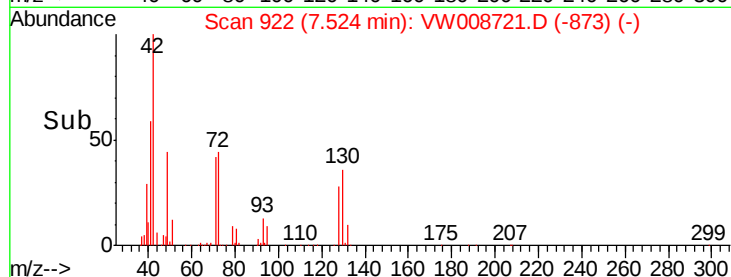
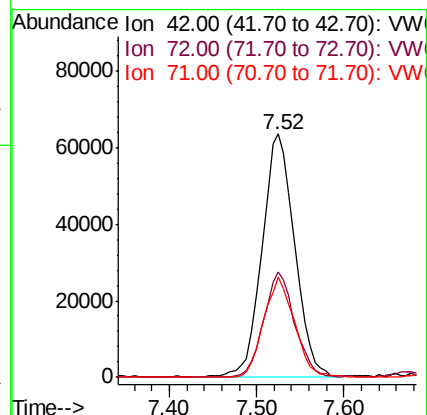
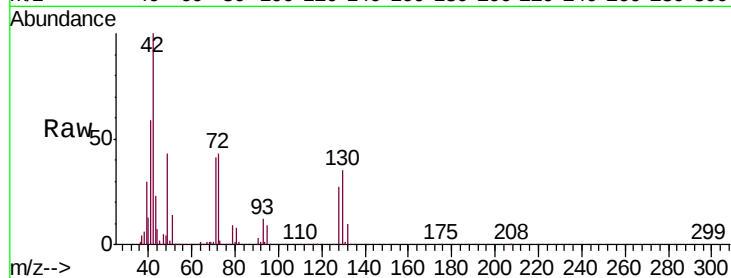




#29
Tetrahydrofuran
Concen: 200.490 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

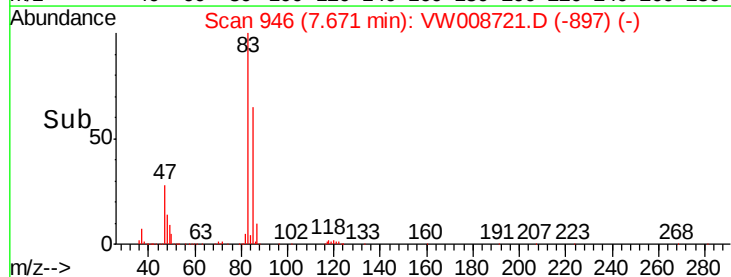
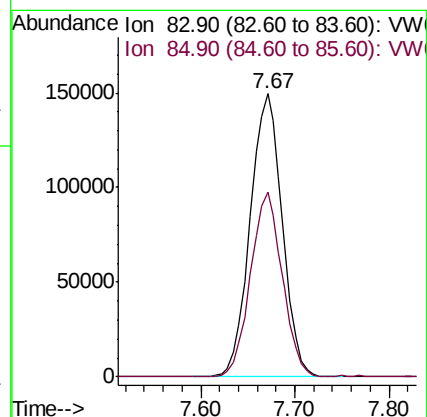
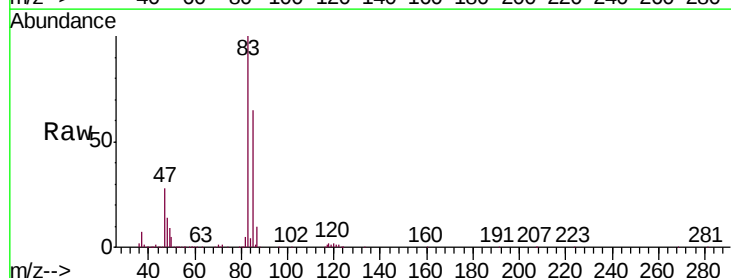
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

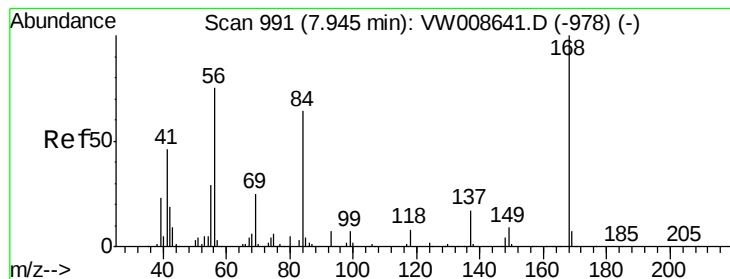
Tgt Ion: 42 Resp: 164336
Ion Ratio Lower Upper
42 100
72 41.2 32.2 48.2
71 39.3 31.0 46.6



#30
Chloroform
Concen: 50.811 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion: 83 Resp: 357038
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.8





#31

Cyclohexane

Concen: 47.569 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

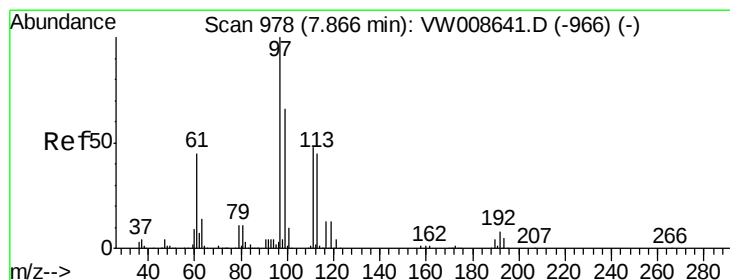
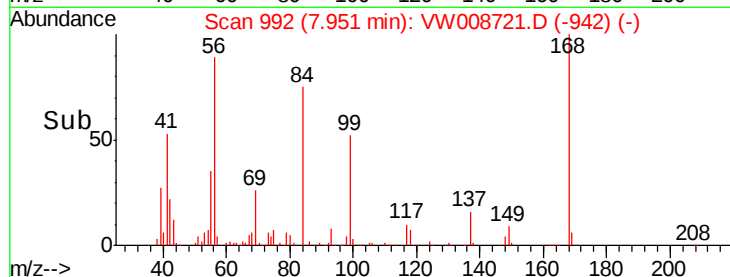
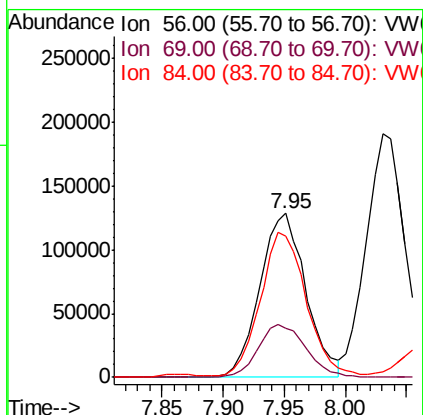
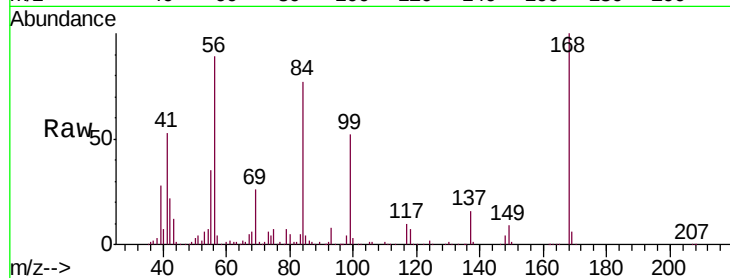
Tgt Ion: 56 Resp: 336703

Ion Ratio Lower Upper

56 100

69 29.7 26.4 39.6

84 84.9 67.4 101.2



#32

1,1,1-Trichloroethane

Concen: 53.031 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

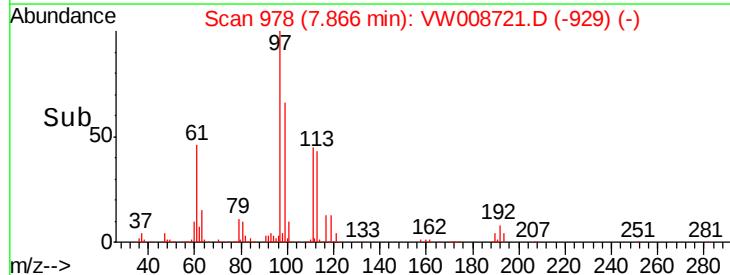
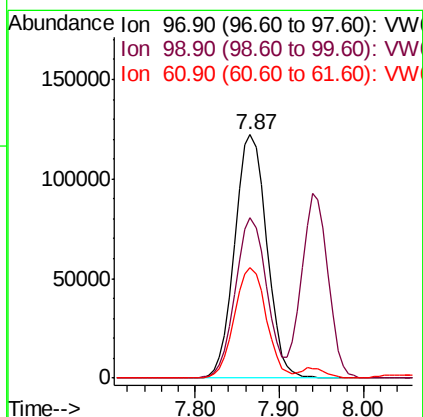
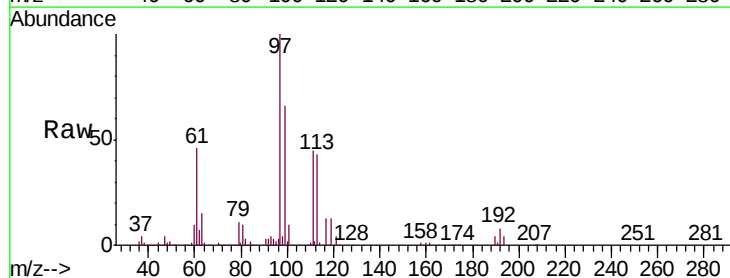
Tgt Ion: 97 Resp: 314708

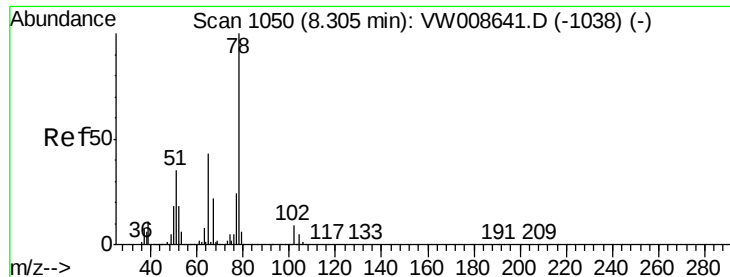
Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

61 45.1 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 48.096 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

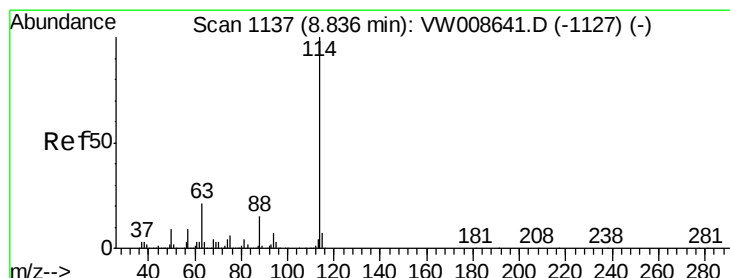
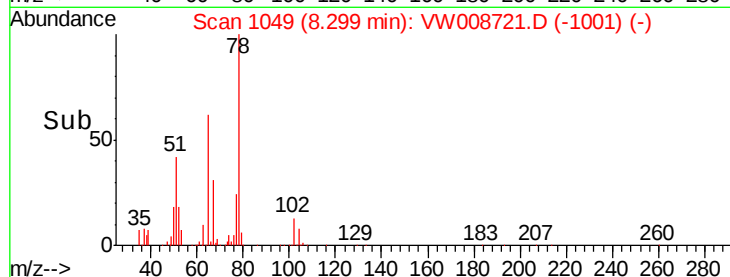
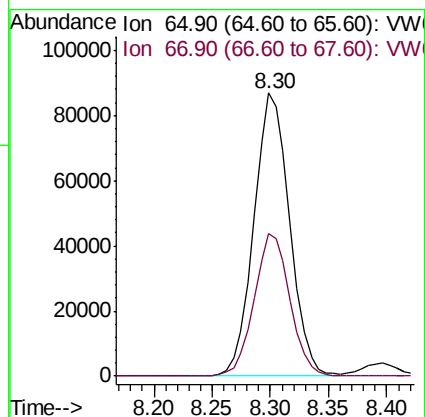
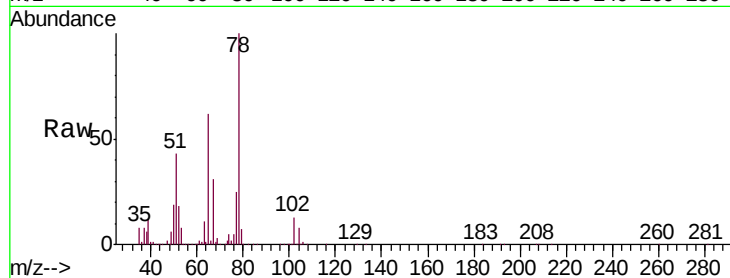
VSTDCCC050

Tgt Ion: 65 Resp: 186141

Ion Ratio Lower Upper

65 100

67 49.9 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

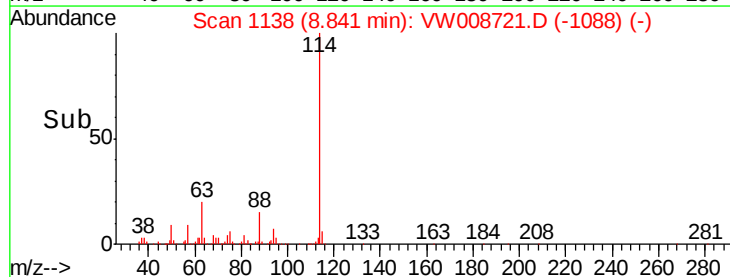
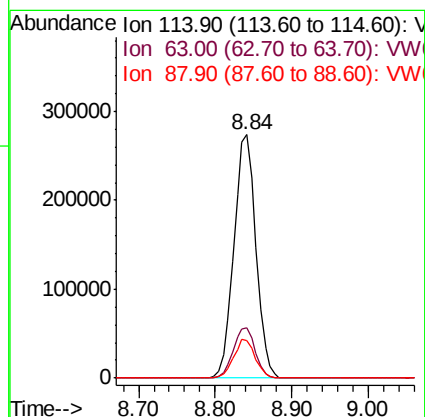
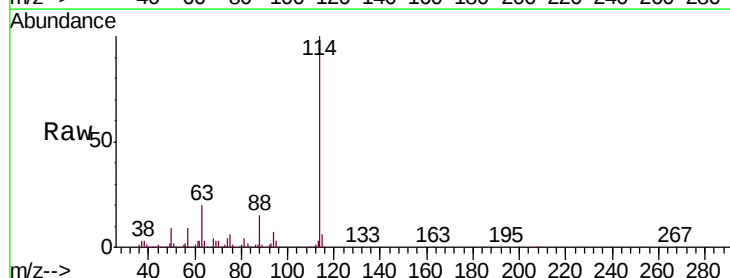
Tgt Ion: 114 Resp: 542502

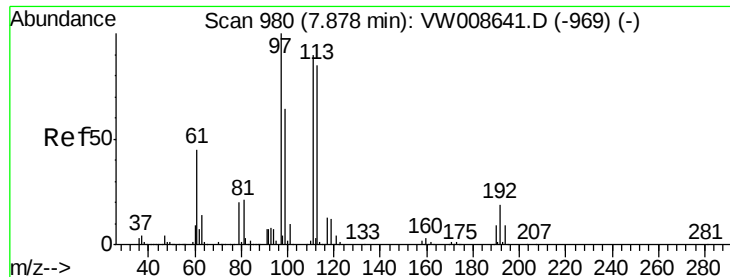
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.2

88 15.2 0.0 29.6

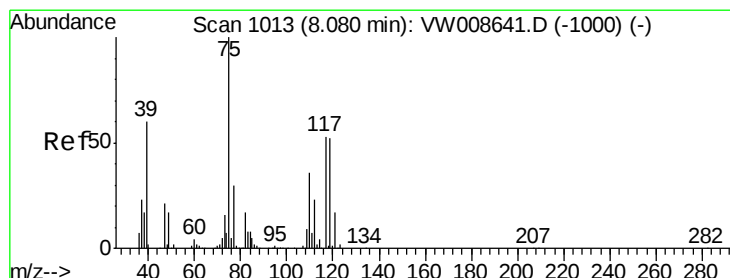
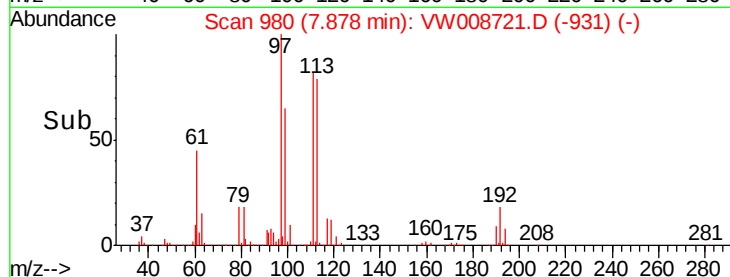
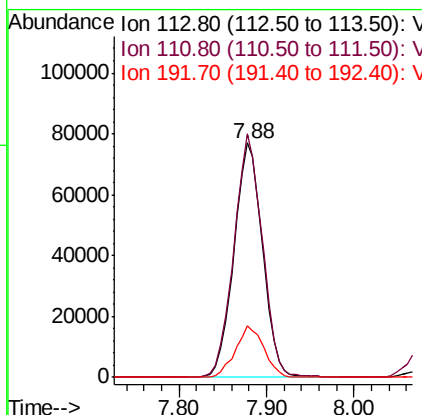
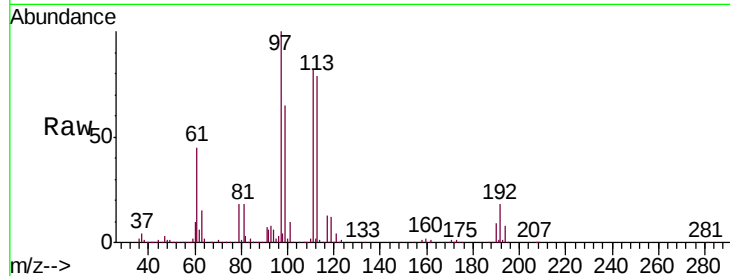




#35
Dibromofluoromethane
Concen: 51.951 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

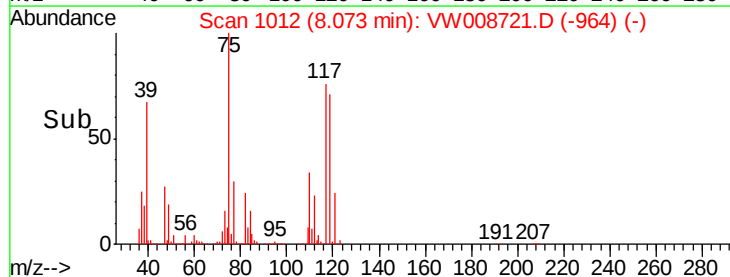
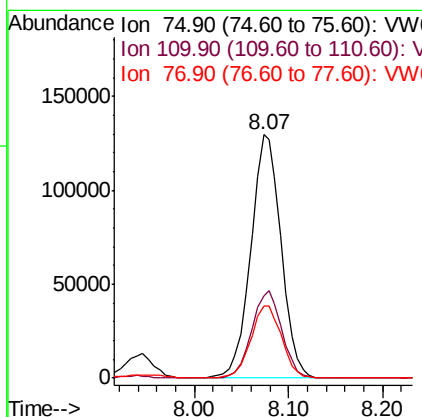
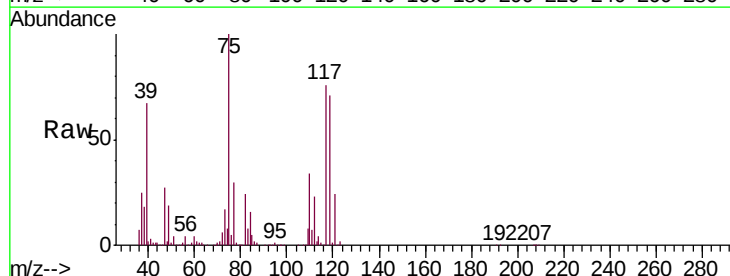
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

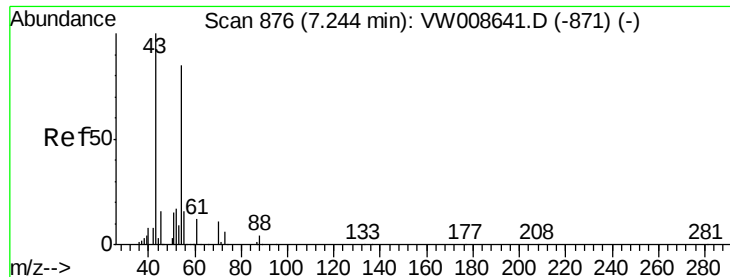
Tgt Ion: 113 Resp: 175001
Ion Ratio Lower Upper
113 100
111 103.4 84.0 126.0
192 22.0 17.4 26.2



#36
1,1-Dichloropropene
Concen: 53.427 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion: 75 Resp: 291199
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.3
77 30.3 24.7 37.1

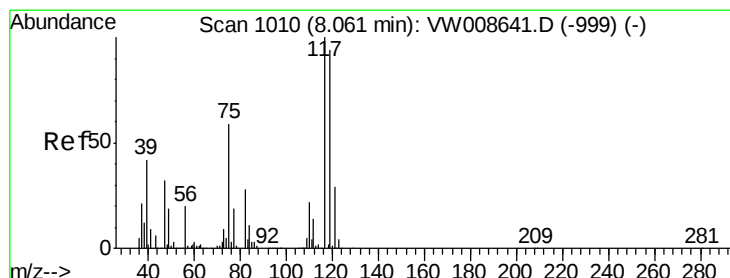
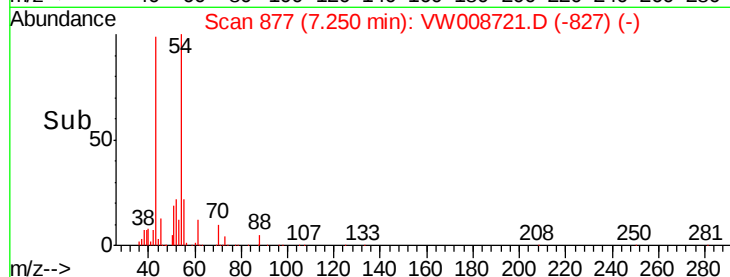
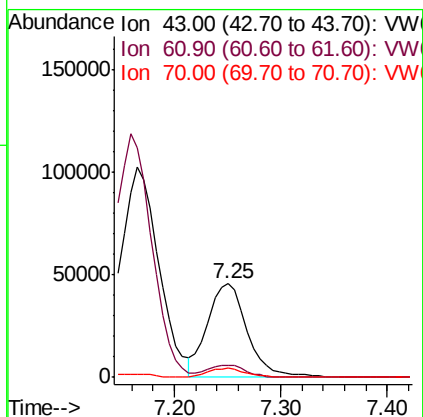
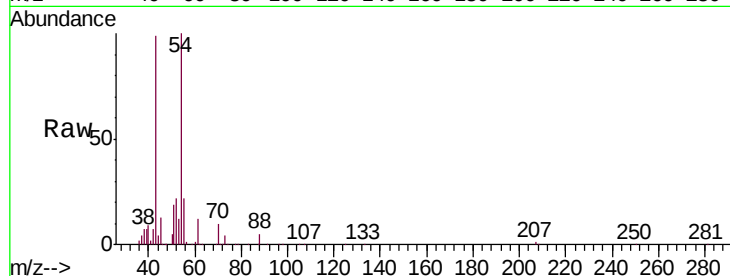




#37
Ethyl Acetate
Concen: 44.387 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

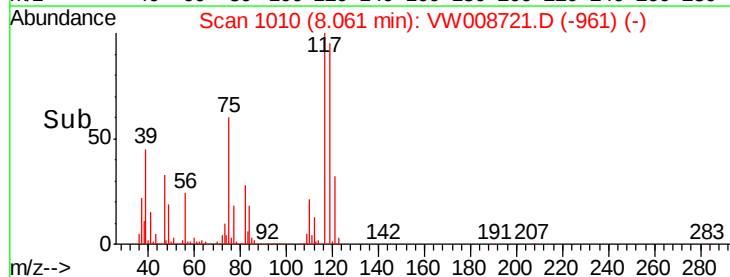
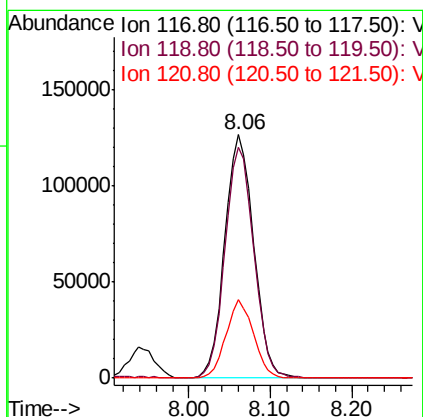
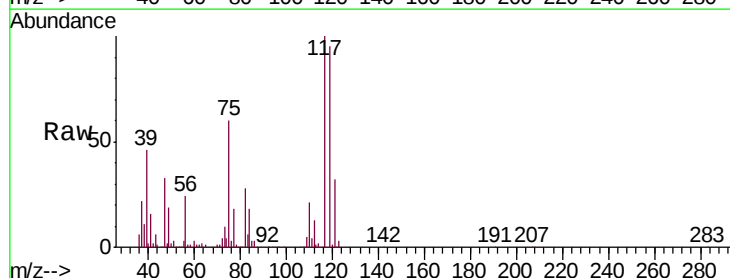
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

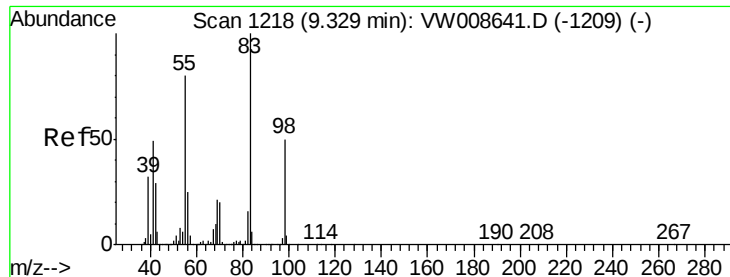
Tgt Ion: 43 Resp: 116701
Ion Ratio Lower Upper
43 100
61 12.7 10.5 15.7
70 9.5 8.1 12.1



#38
Carbon Tetrachloride
Concen: 57.142 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion: 117 Resp: 309698
Ion Ratio Lower Upper
117 100
119 94.9 75.1 112.7
121 32.0 23.5 35.3

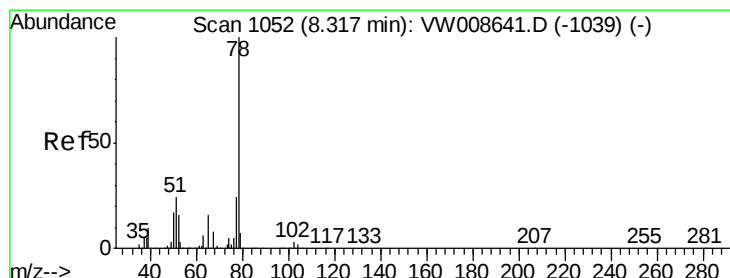
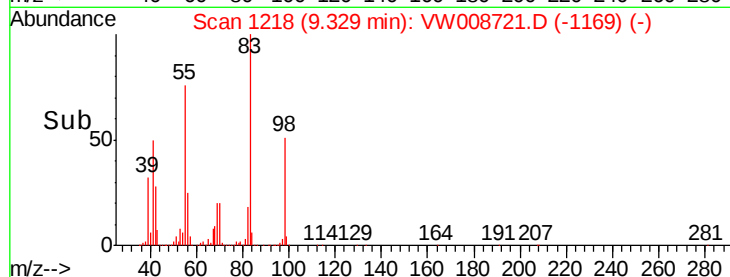
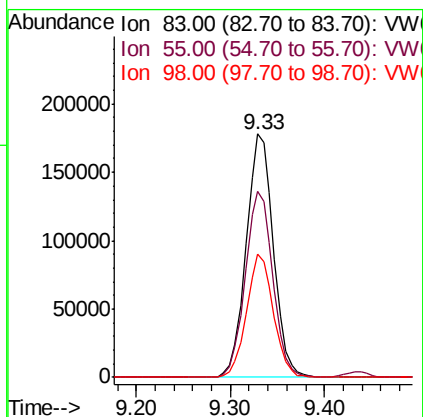
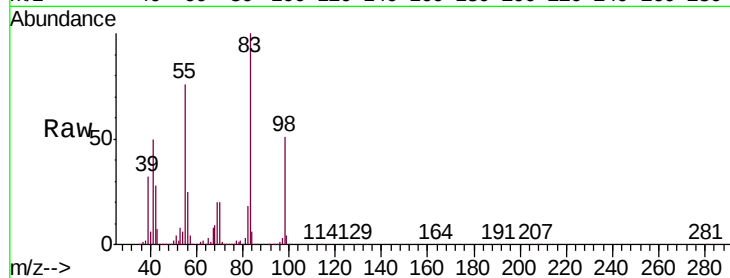




#39
Methylcyclohexane
Concen: 52.326 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

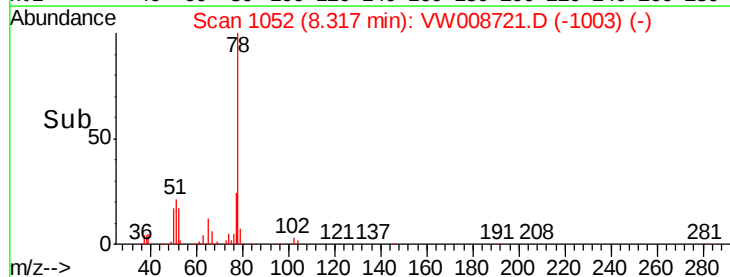
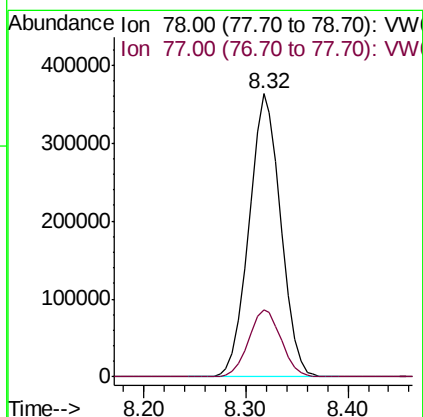
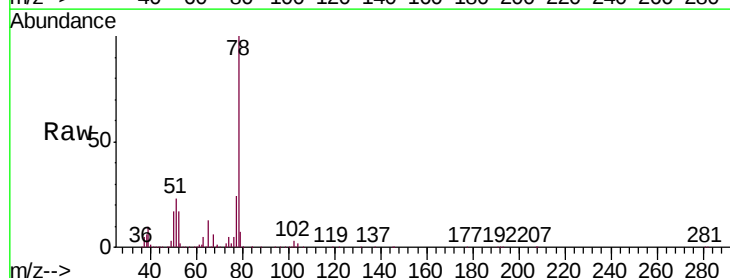
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

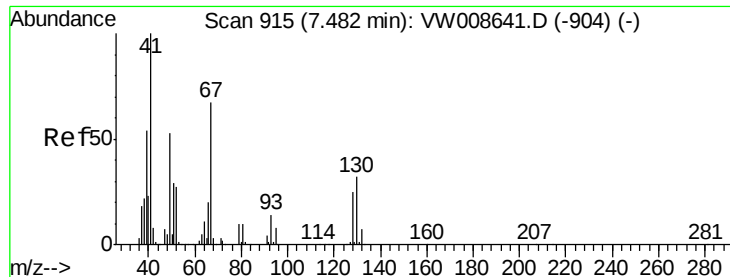
Tgt Ion: 83 Resp: 360726
Ion Ratio Lower Upper
83 100
55 76.5 63.9 95.9
98 50.8 40.2 60.2



#40
Benzene
Concen: 52.771 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion: 78 Resp: 785524
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3

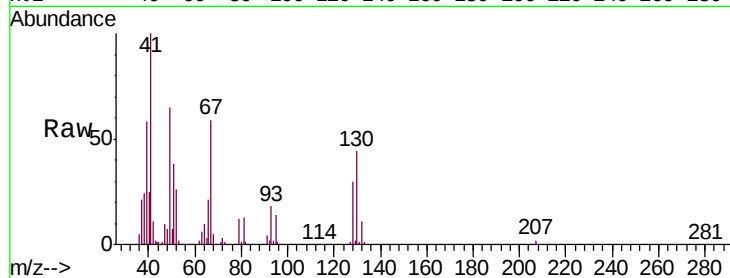




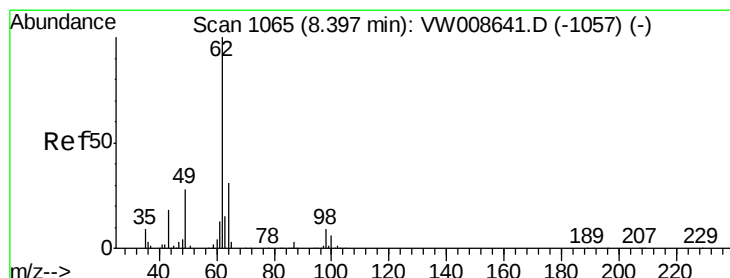
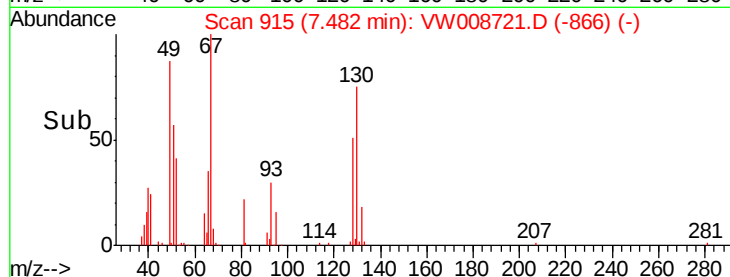
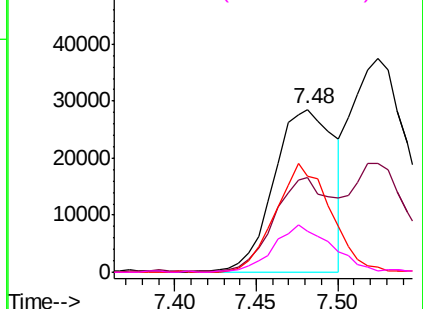
#41
Methacrylonitrile
Concen: 49.465 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	73173
Ion	Ratio	Lower	Upper
41	100		
39	55.4	39.7	59.5
67	62.0	52.5	78.7
52	28.8	23.1	34.7

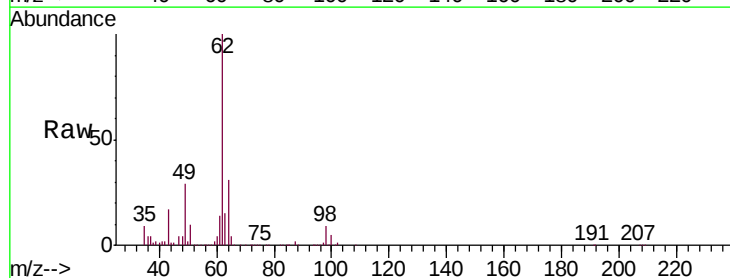


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

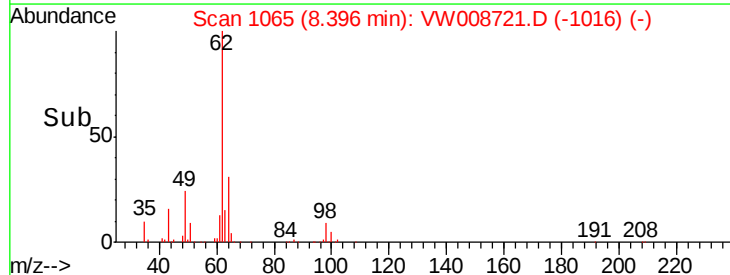
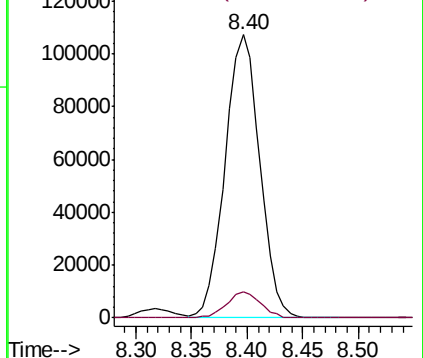


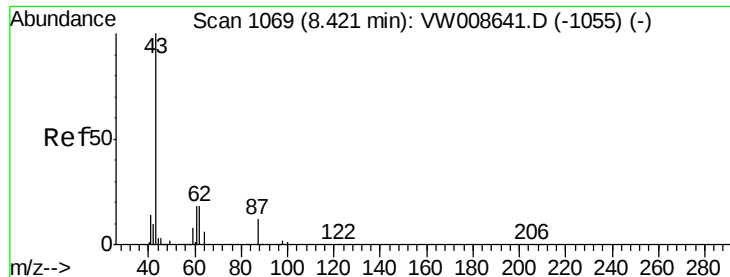
#42
1,2-Dichloroethane
Concen: 50.228 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion:	62	Resp:	231912
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2



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

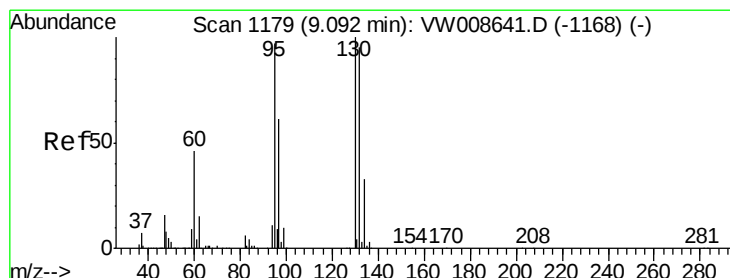
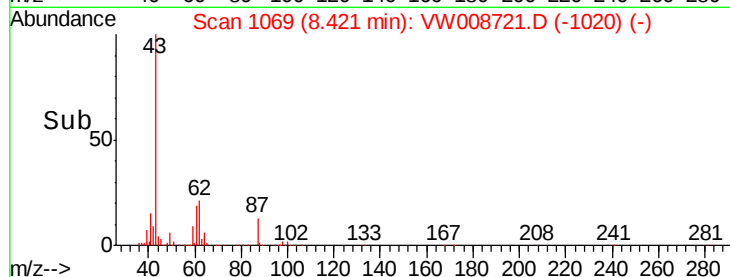
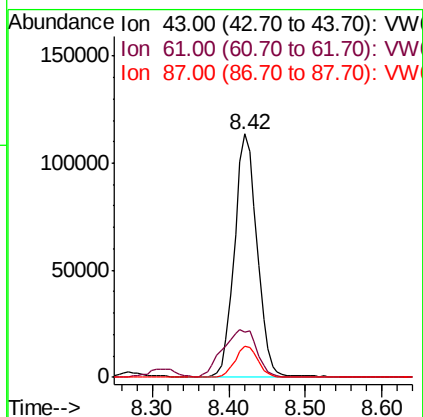
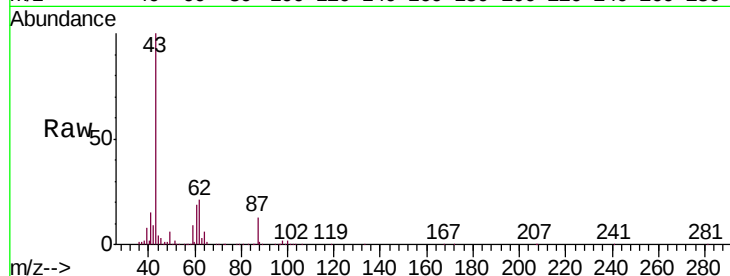




#43
Isopropyl Acetate
Concen: 44.296 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

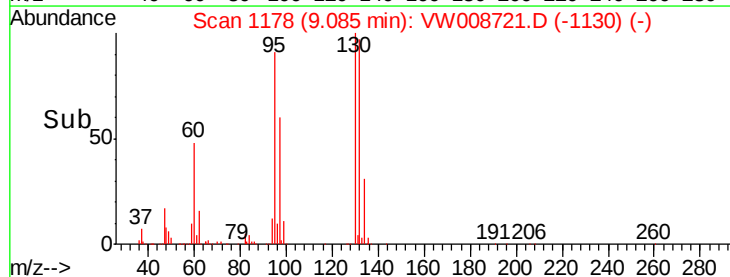
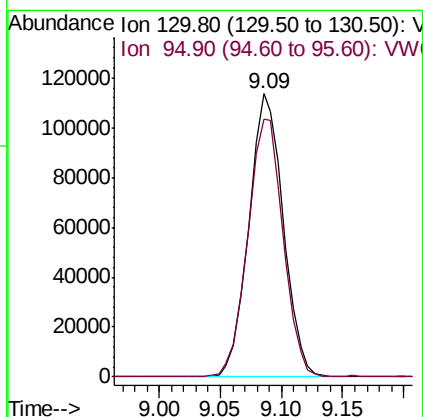
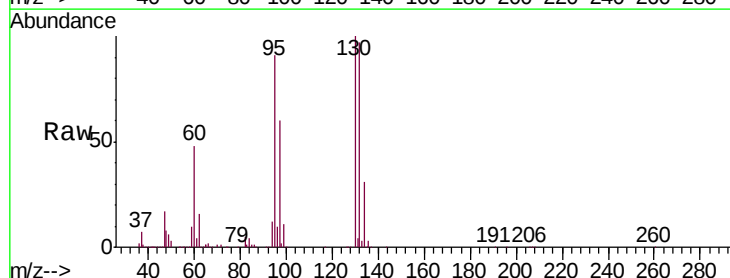
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

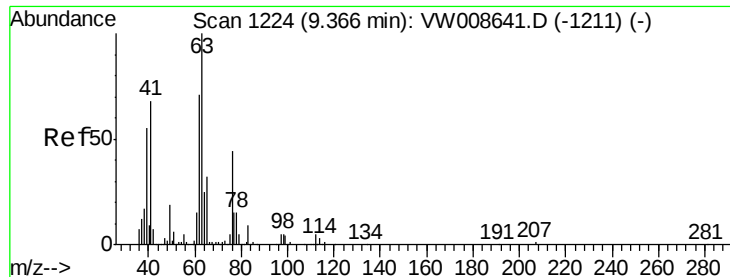
Tgt Ion: 43 Resp: 232228
Ion Ratio Lower Upper
43 100
61 29.5 21.4 32.2
87 12.9 9.8 14.8



#44
Trichloroethene
Concen: 53.763 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion: 130 Resp: 221893
Ion Ratio Lower Upper
130 100
95 91.1 0.0 193.4

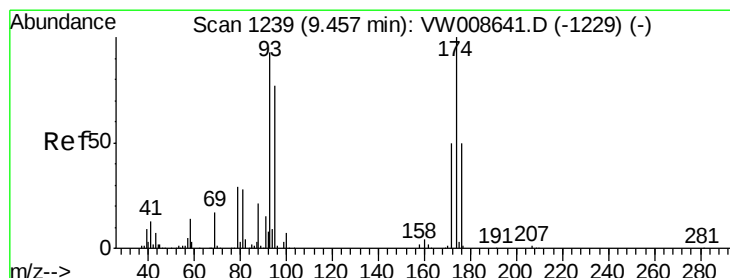
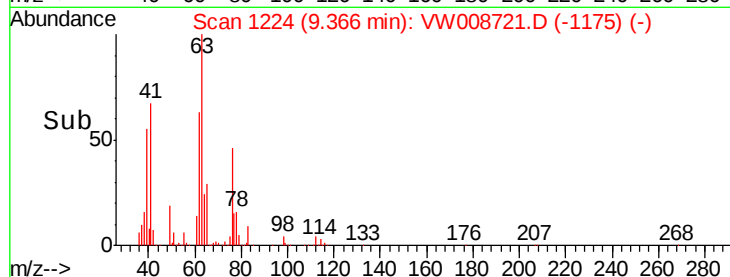
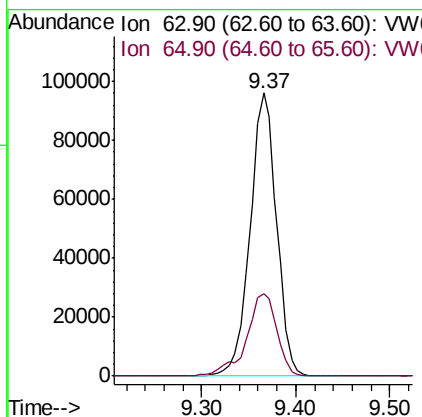
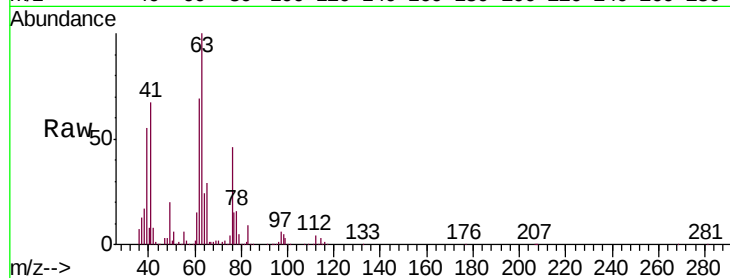




#45
 1,2-Dichloropropane
 Concen: 51.475 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

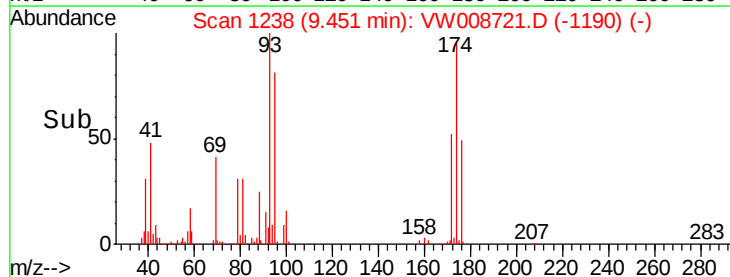
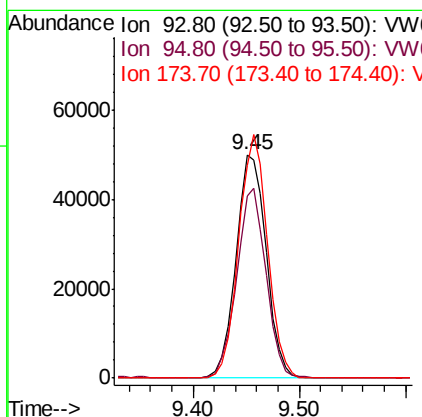
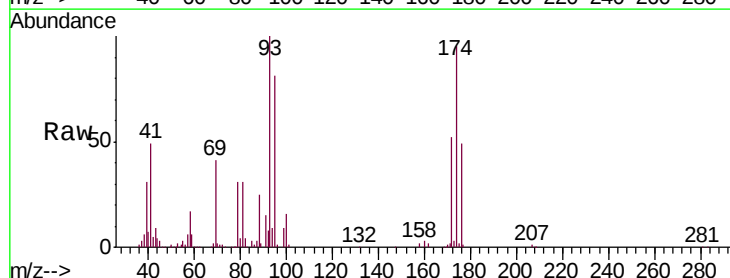
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

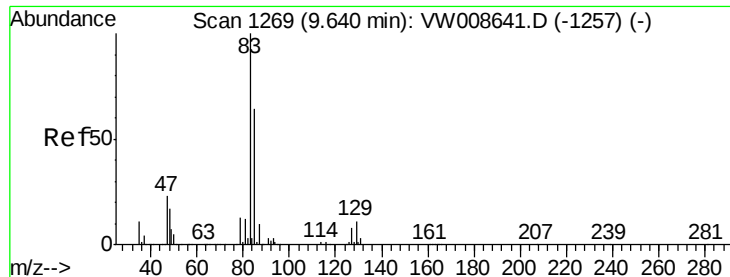
Tgt Ion: 63 Resp: 189630
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.4 38.0



#46
 Dibromomethane
 Concen: 49.105 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

Tgt Ion: 93 Resp: 99651
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.8 98.8
 174 104.3 82.5 123.7





#47

Bromodichloromethane

Concen: 53.526 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

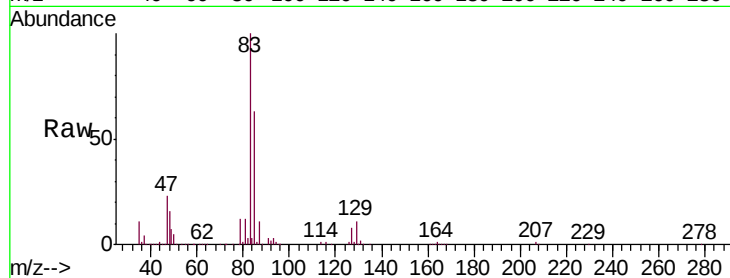
Tgt Ion: 83 Resp: 261050

Ion Ratio Lower Upper

83 100

85 62.9 51.2 76.8

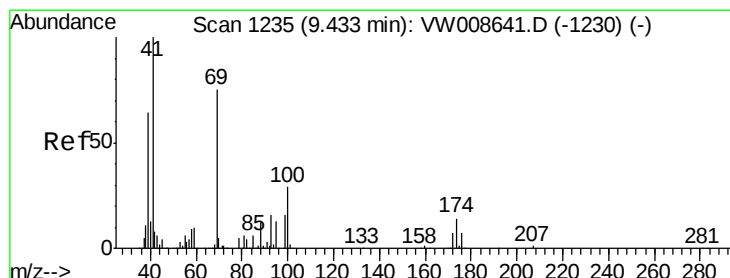
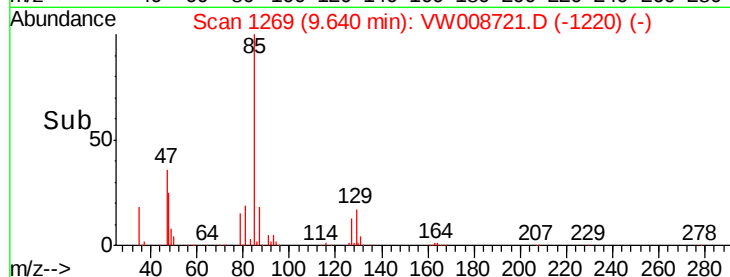
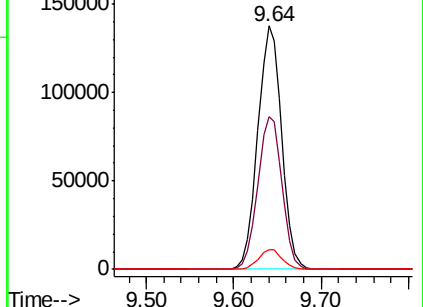
127 8.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 46.110 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

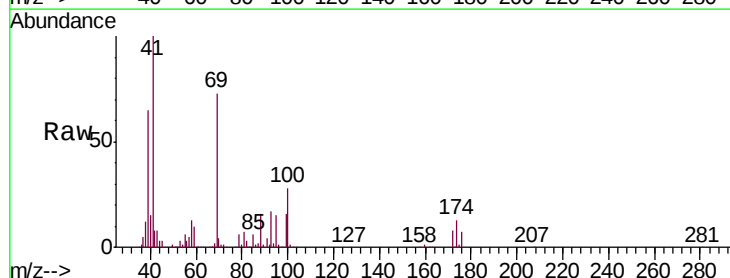
Tgt Ion: 41 Resp: 112028

Ion Ratio Lower Upper

41 100

69 80.2 64.1 96.1

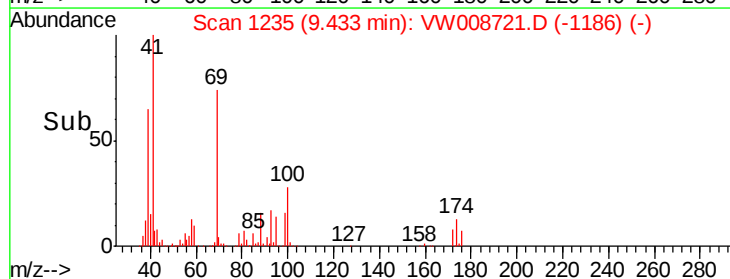
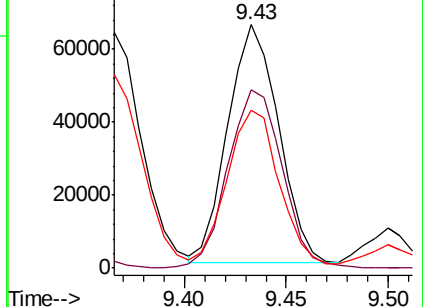
39 65.8 52.3 78.5

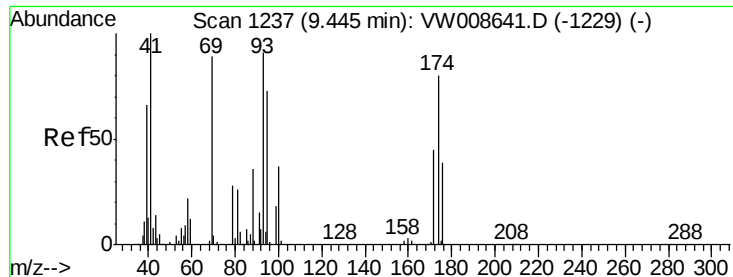


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

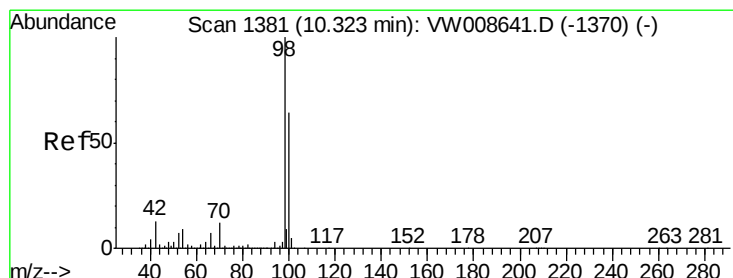
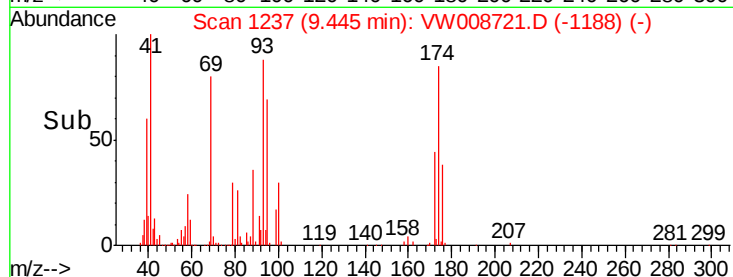
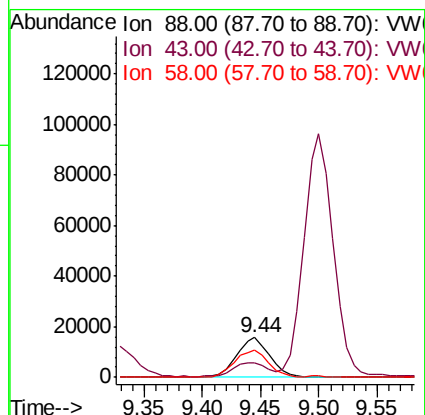
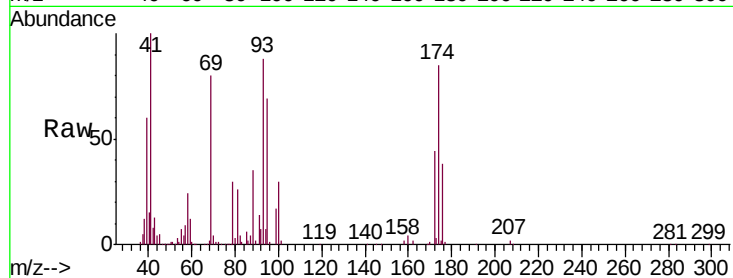




#49
 1,4-Dioxane
 Concen: 968.487 ug/l
 RT: 9.44 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

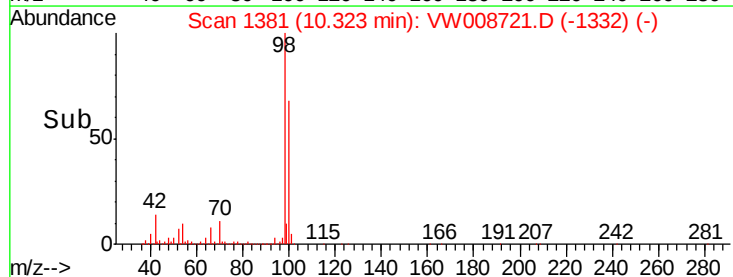
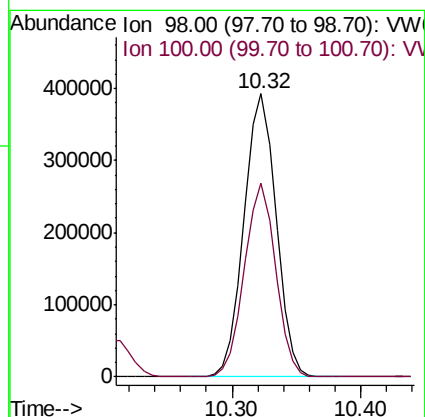
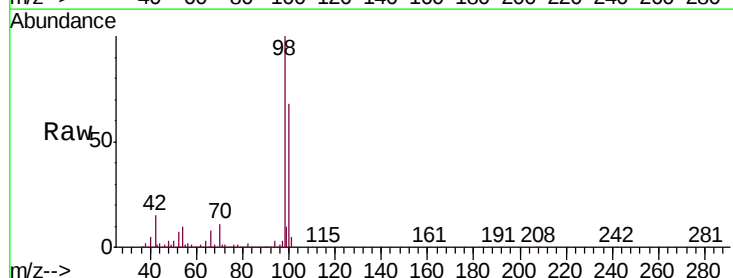
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

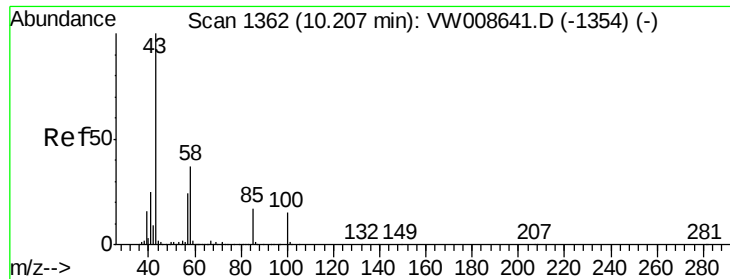
Tgt Ion: 88 Resp: 31372
 Ion Ratio Lower Upper
 88 100
 43 37.2 31.0 46.6
 58 70.6 57.0 85.6



#50
 Toluene-d8
 Concen: 52.129 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

Tgt Ion: 98 Resp: 676922
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 215.698 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

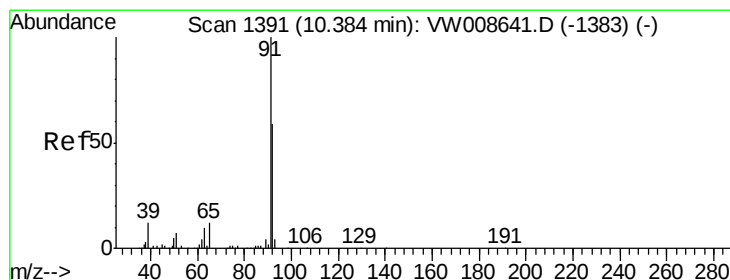
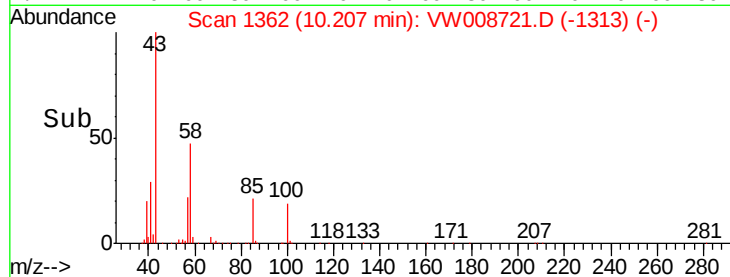
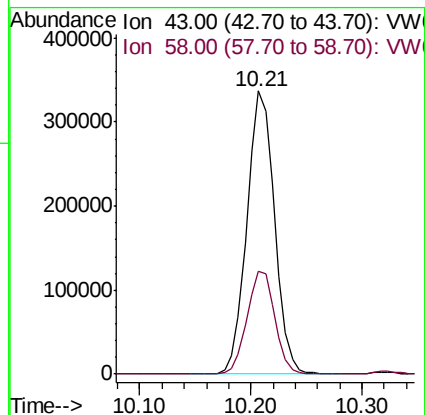
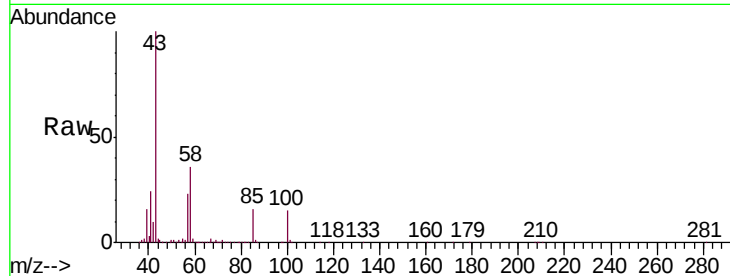
VSTDCCC050

Tgt Ion: 43 Resp: 580890

Ion Ratio Lower Upper

43 100

58 36.8 29.0 43.6



#52

Toluene

Concen: 52.522 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW008721.D

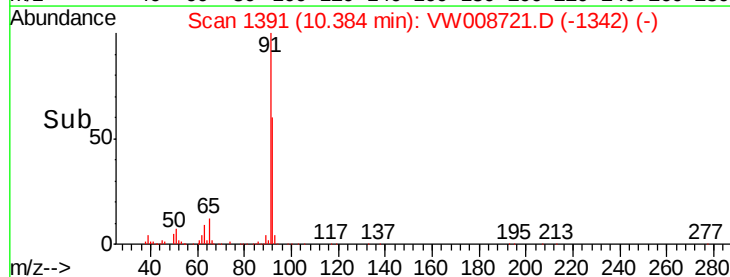
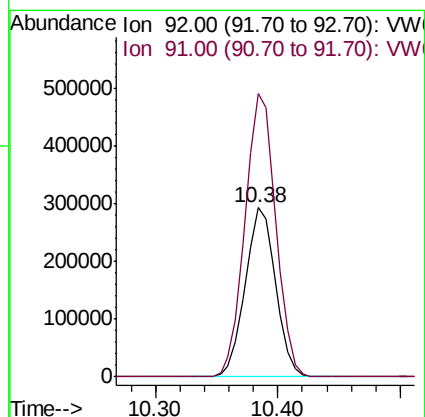
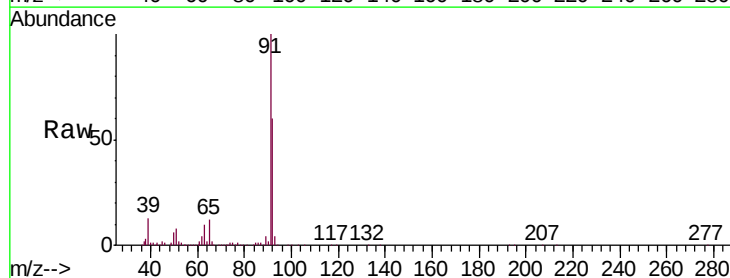
Acq: 18 Feb 2019 11:41

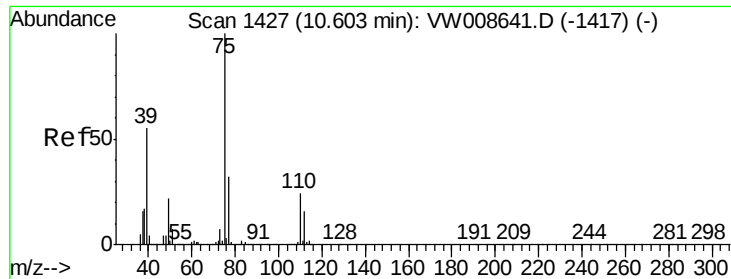
Tgt Ion: 92 Resp: 504368

Ion Ratio Lower Upper

92 100

91 170.0 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 51.318 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

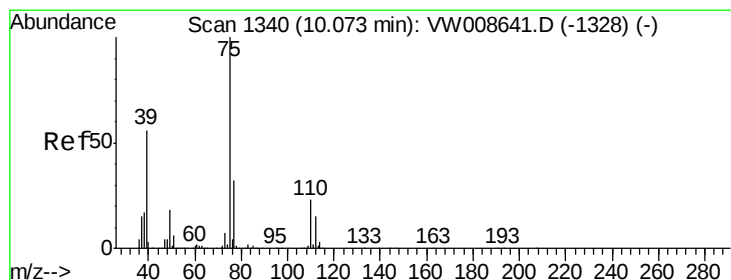
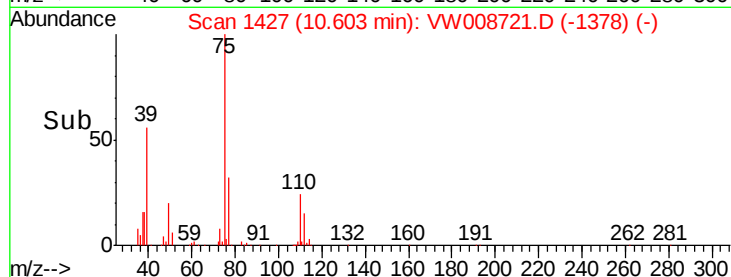
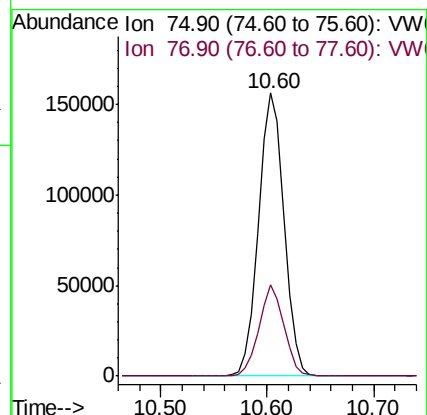
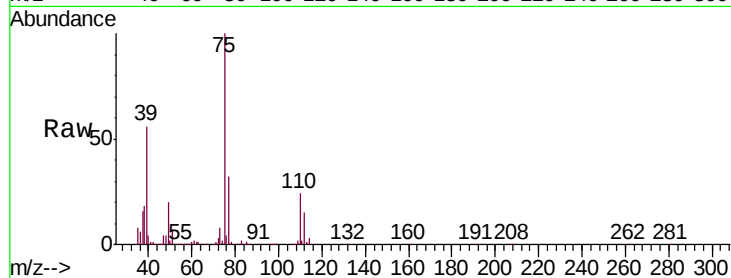
VSTDCCC050

Tgt Ion: 75 Resp: 262929

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 51.857 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

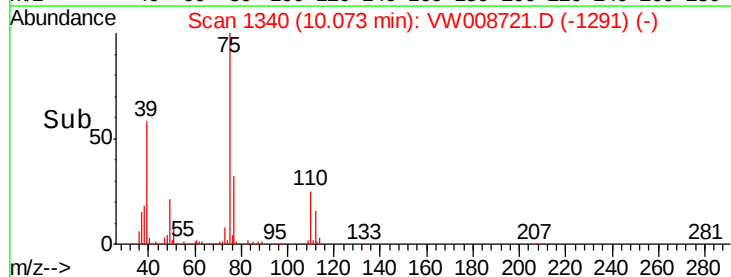
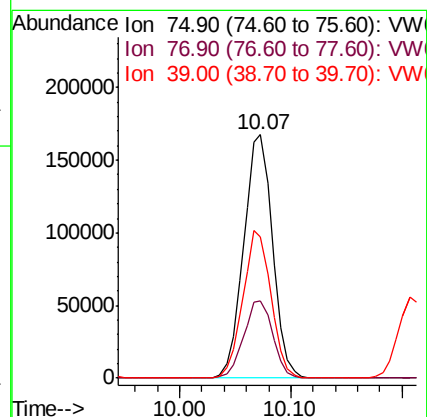
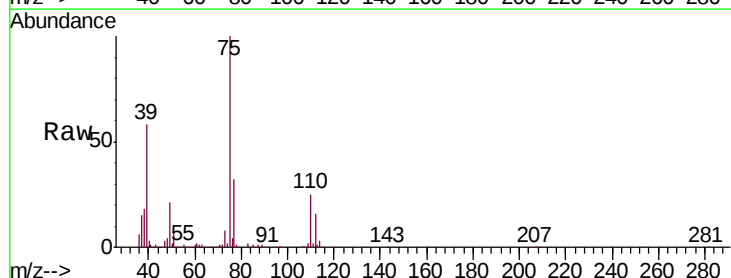
Tgt Ion: 75 Resp: 301189

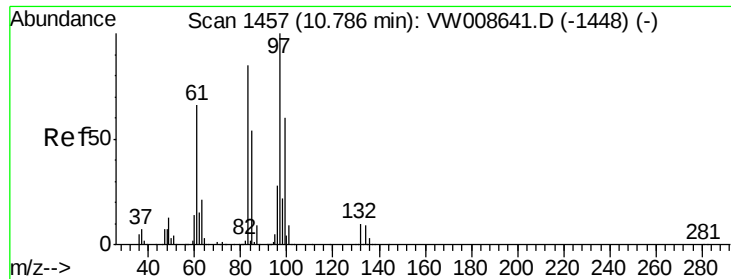
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

39 57.8 44.5 66.7

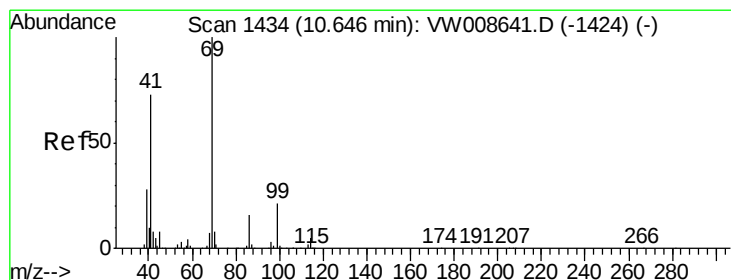
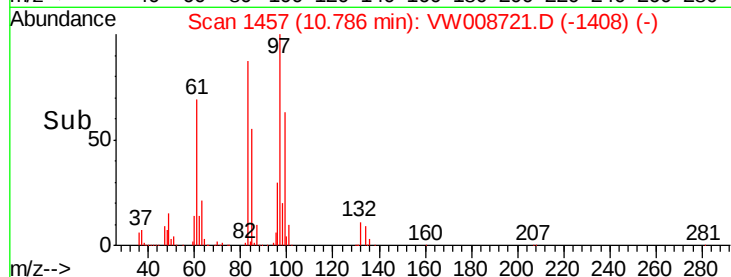
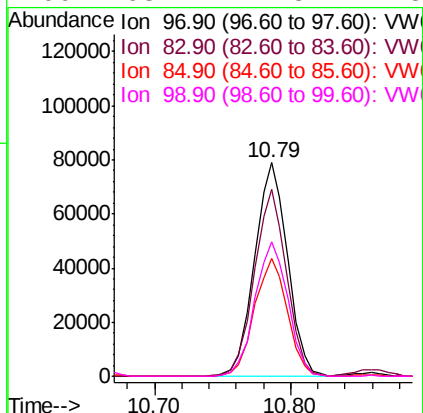
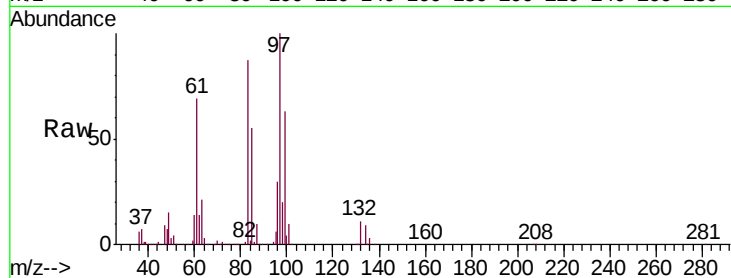




#55
 1,1,2-Trichloroethane
 Concen: 48.200 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

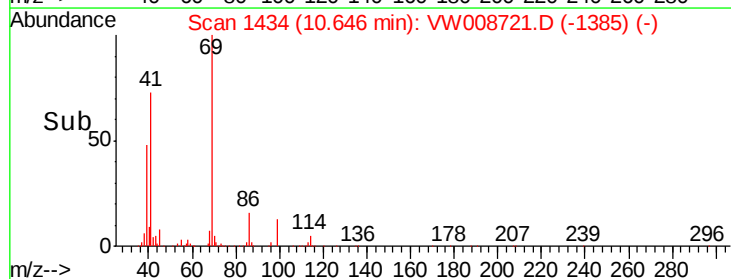
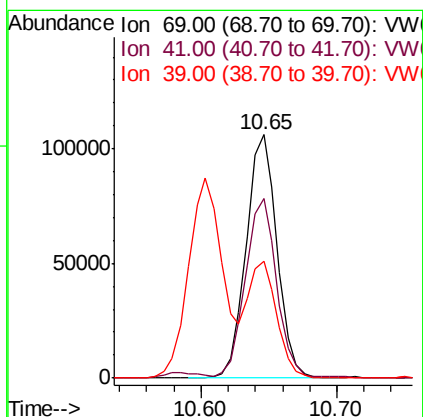
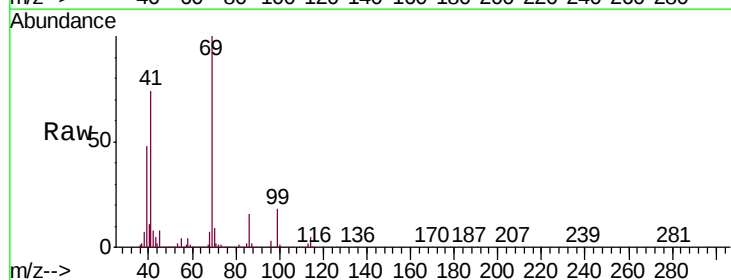
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

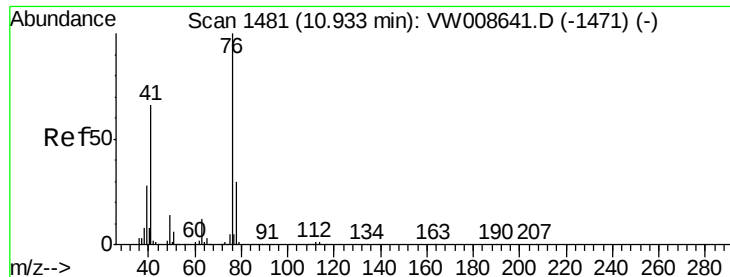
Tgt Ion:	97	Resp:	134211
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.4	102.6
85	55.0	43.1	64.7
99	63.1	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 45.575 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

Tgt Ion:	69	Resp:	168508
Ion	Ratio	Lower	Upper
69	100		
41	74.6	59.0	88.4
39	44.3	34.4	51.6

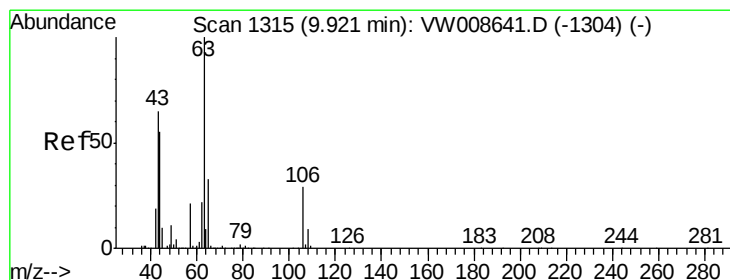
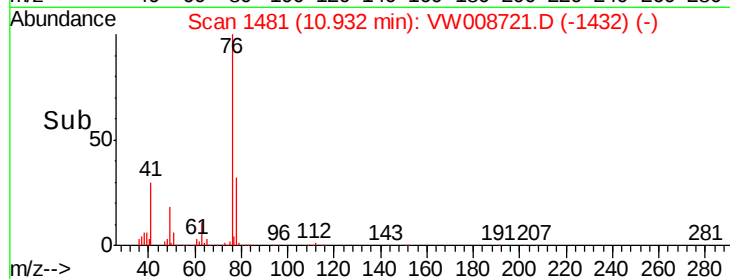
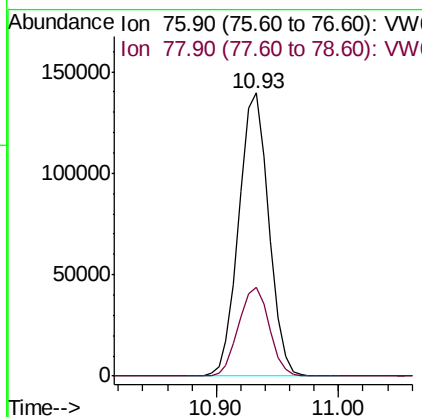
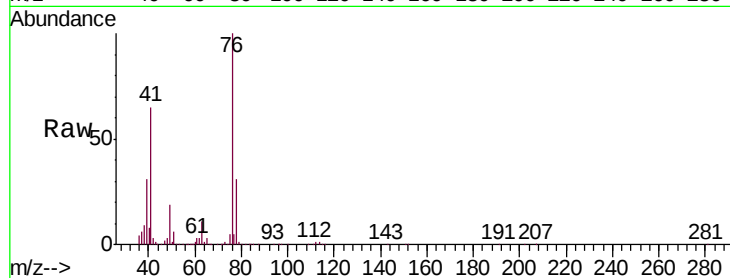




#57
 1,3-Dichloropropane
 Concen: 48.020 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

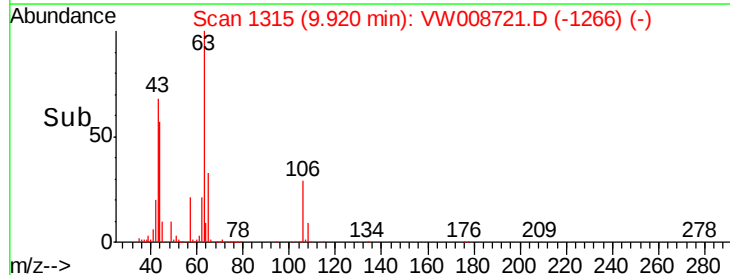
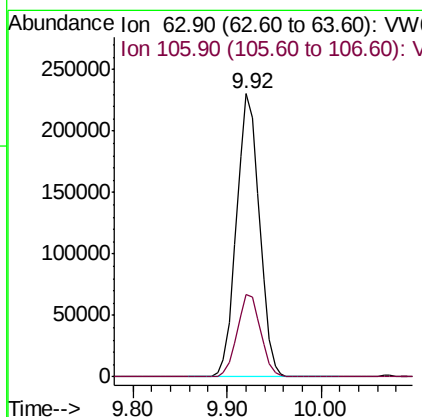
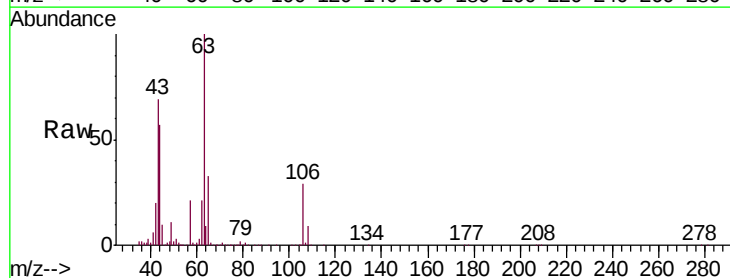
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

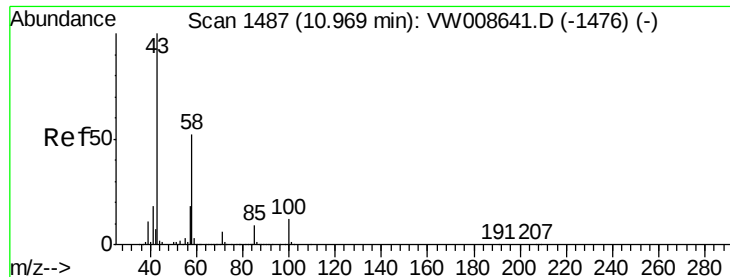
Tgt Ion: 76 Resp: 237236
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 219.967 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

Tgt Ion: 63 Resp: 390148
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.4 35.2

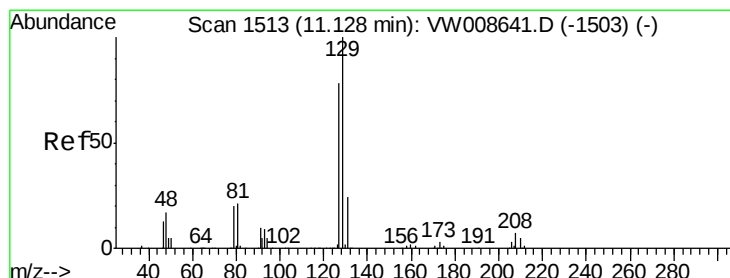
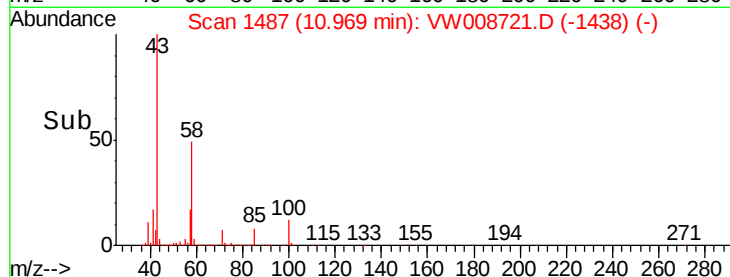
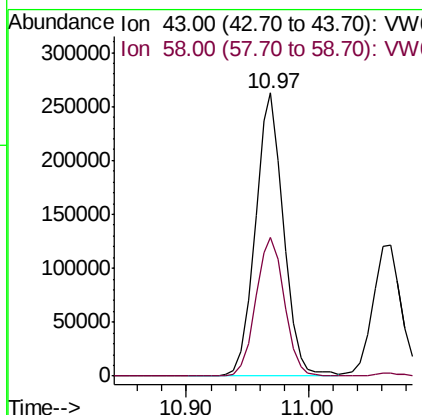
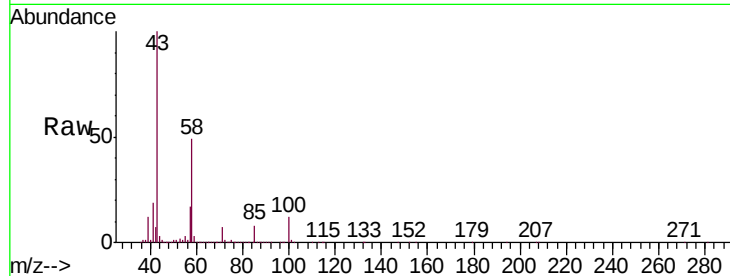




#59
2-Hexanone
Concen: 221.324 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

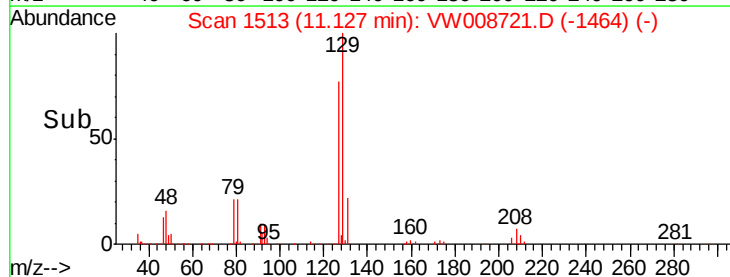
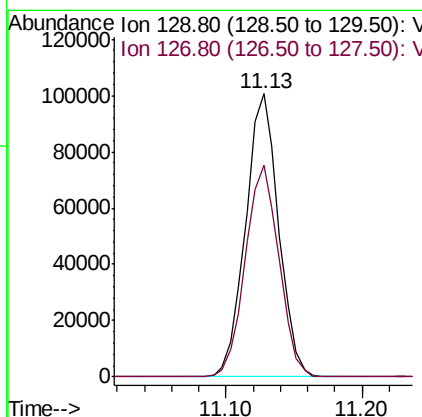
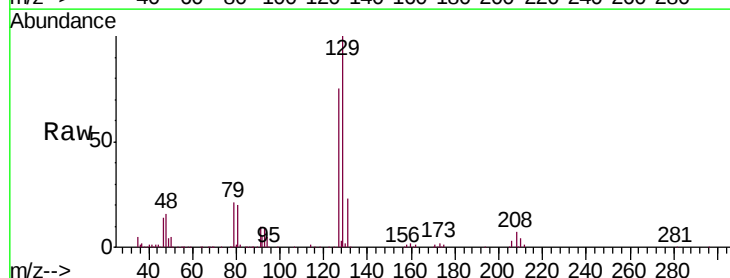
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

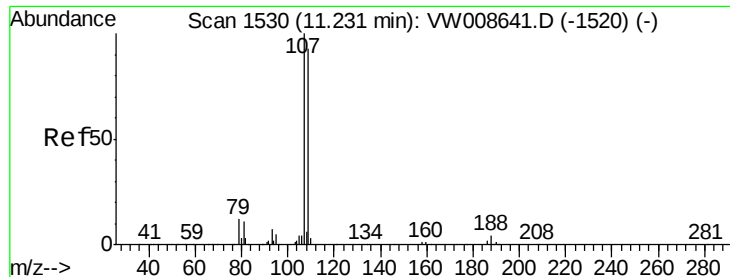
Tgt Ion: 43 Resp: 418719
Ion Ratio Lower Upper
43 100
58 50.0 25.6 76.6



#60
Dibromochloromethane
Concen: 51.360 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion: 129 Resp: 171115
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3

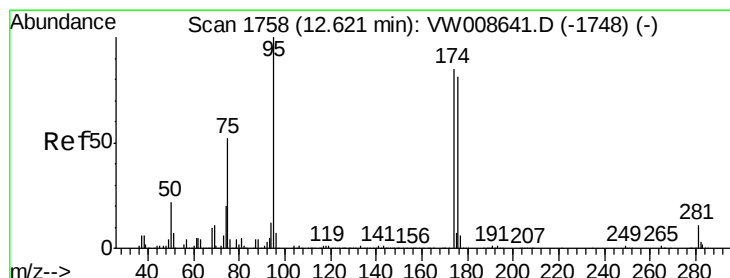
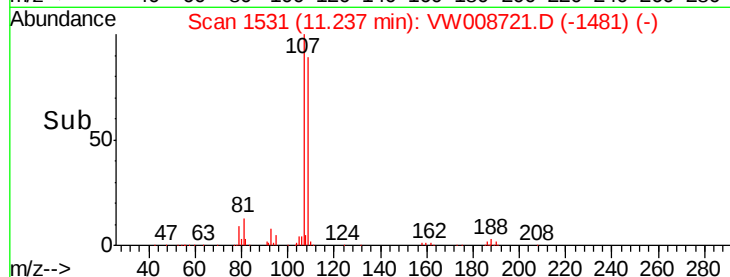
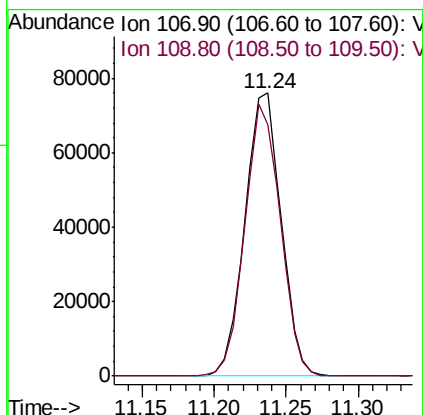
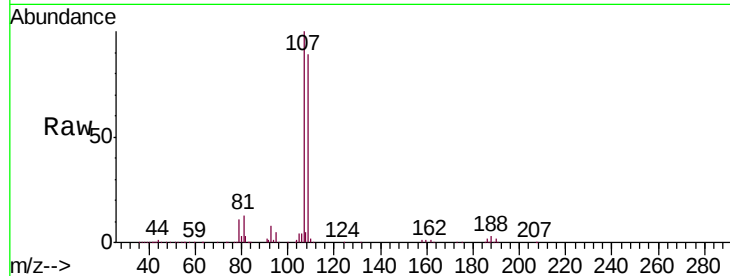




#61
 1,2-Dibromoethane
 Concen: 48.276 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

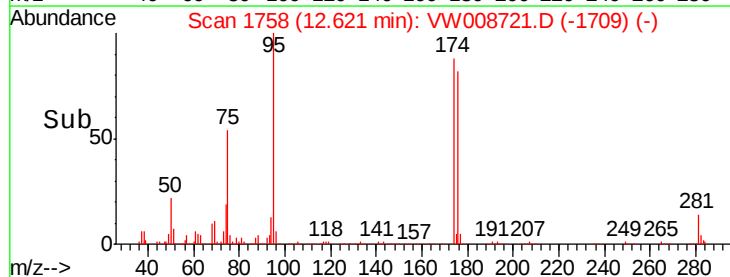
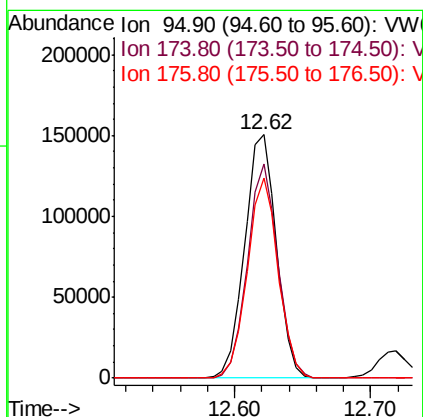
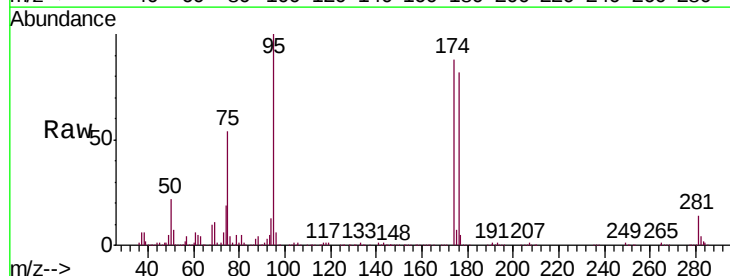
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

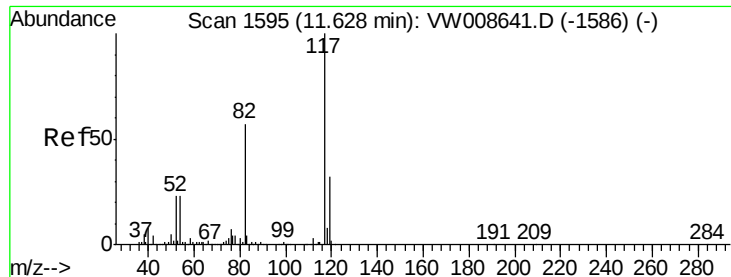
Tgt Ion: 107 Resp: 132355
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 50.276 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

Tgt Ion: 95 Resp: 245909
 Ion Ratio Lower Upper
 95 100
 174 84.5 0.0 163.2
 176 80.1 0.0 158.0

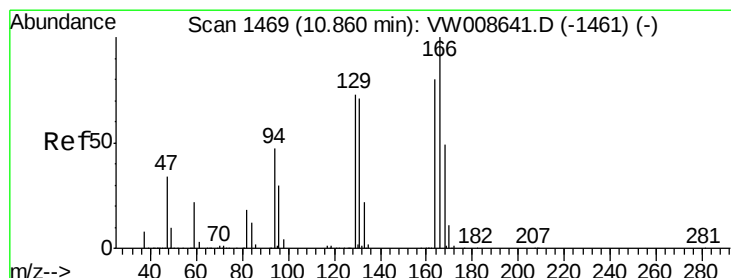
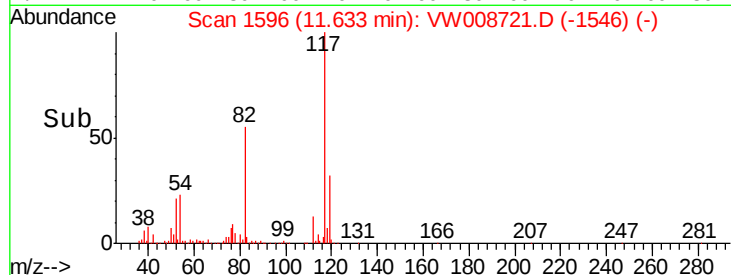
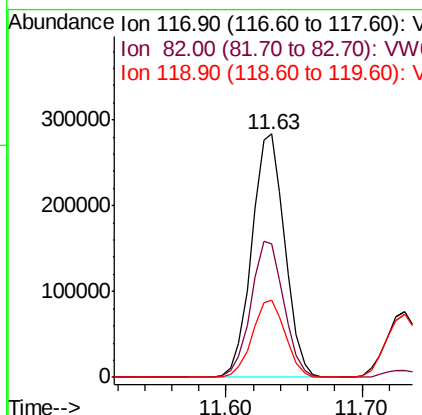
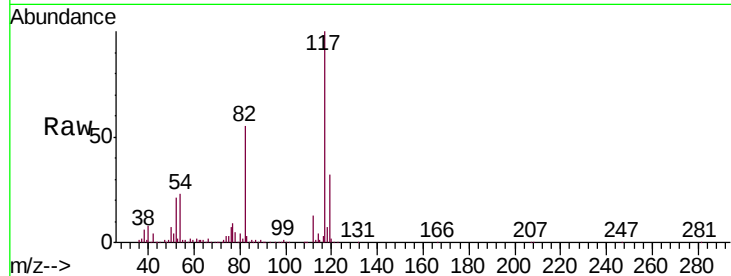




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

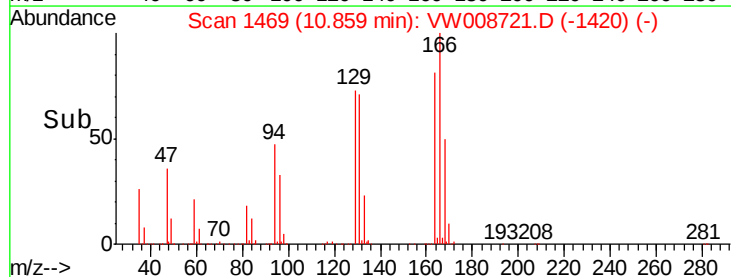
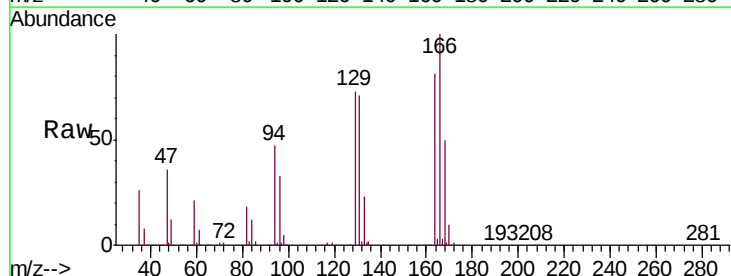
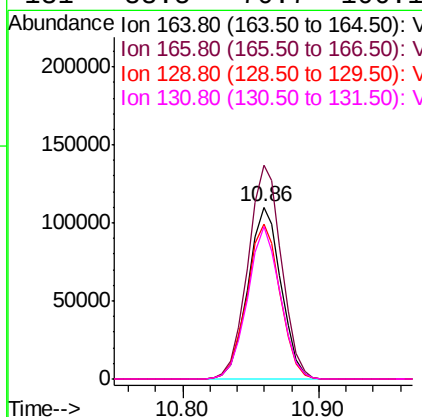
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

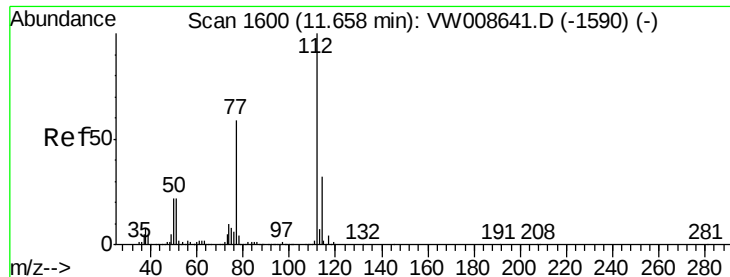
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.6	68.4
119	32.0	25.7	38.5



#64
Tetrachloroethene
Concen: 52.449 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.1	100.2	150.2
129	90.3	73.6	110.4
131	88.5	70.7	106.1

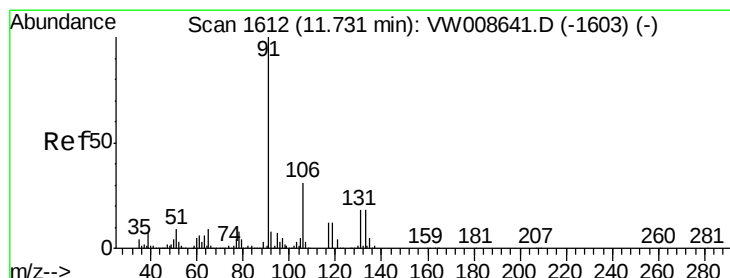
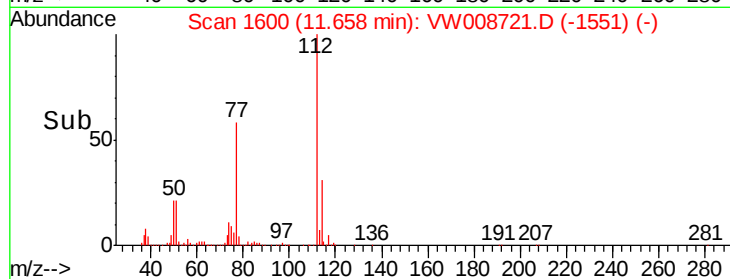
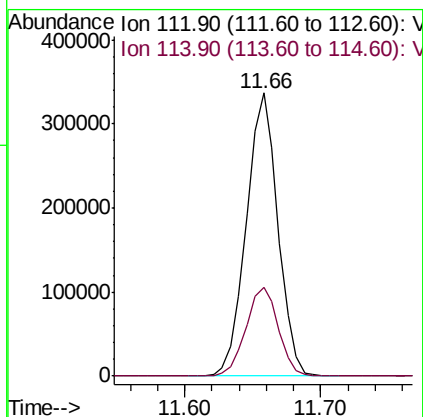
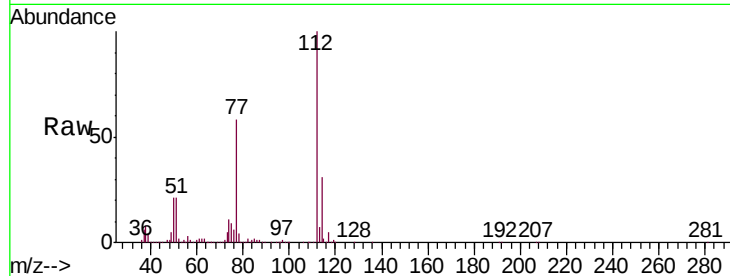




#65
Chlorobenzene
Concen: 52.638 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

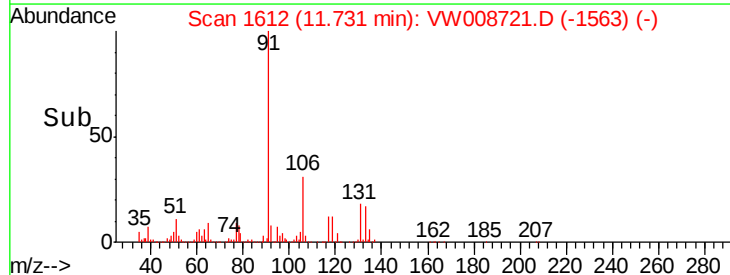
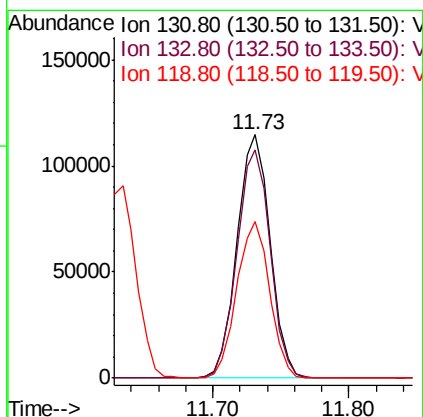
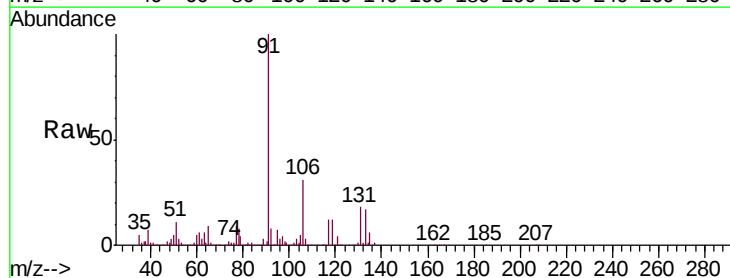
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

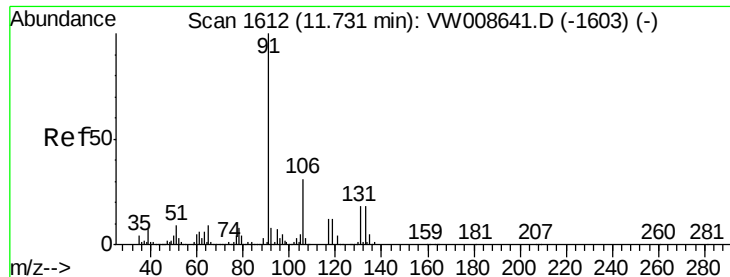
Tgt Ion:112 Resp: 546801
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.929 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion:131 Resp: 194777
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.4
119 64.0 31.6 94.8

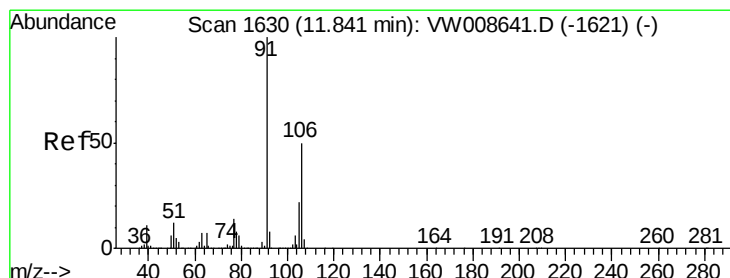
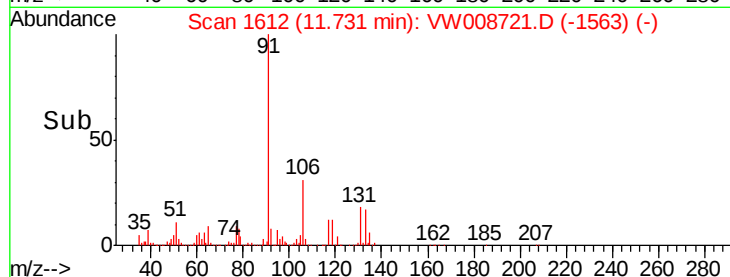
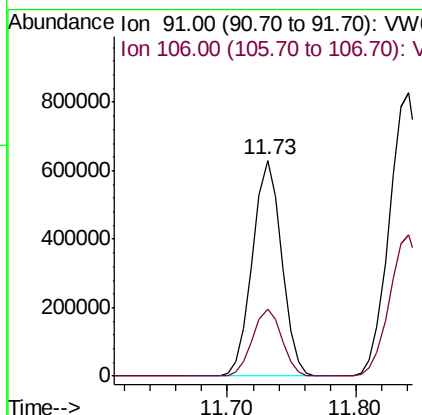
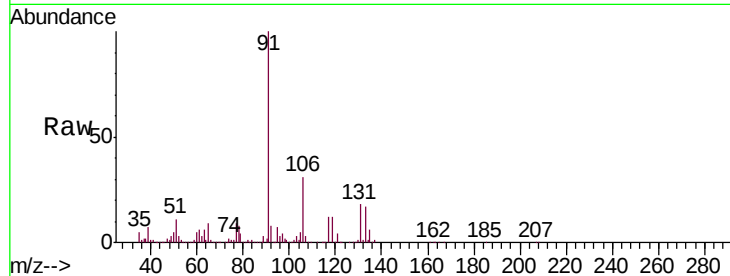




#67
Ethyl Benzene
Concen: 53.017 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

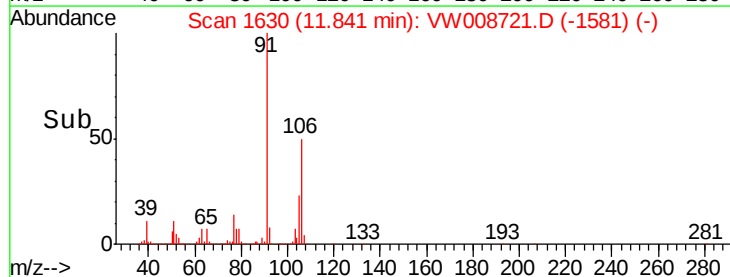
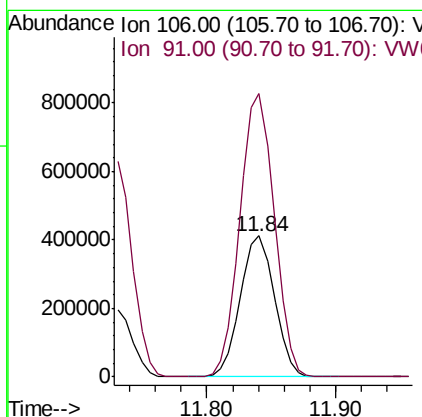
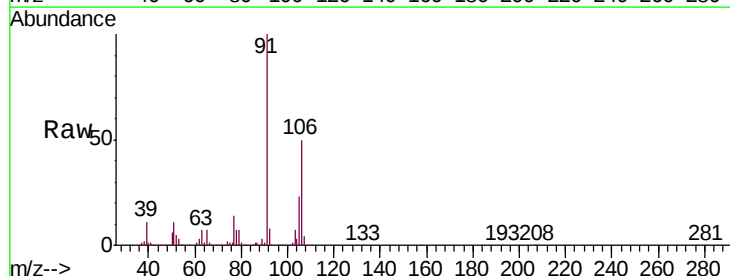
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

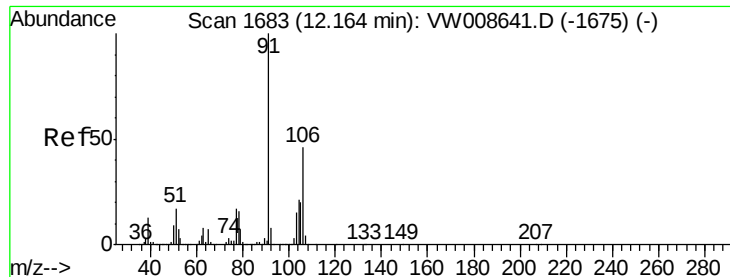
Tgt Ion: 91 Resp: 981039
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 105.101 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion: 106 Resp: 756708
Ion Ratio Lower Upper
106 100
91 202.2 161.0 241.4

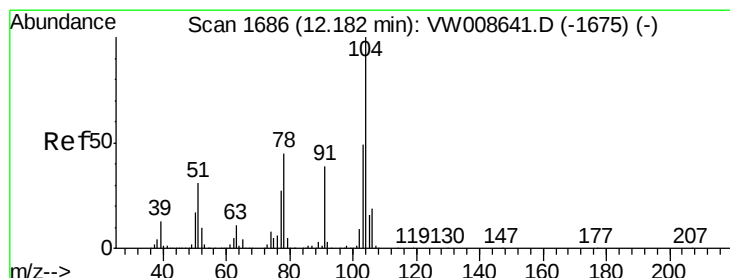
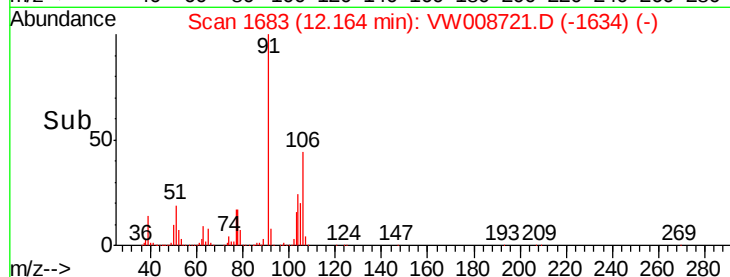
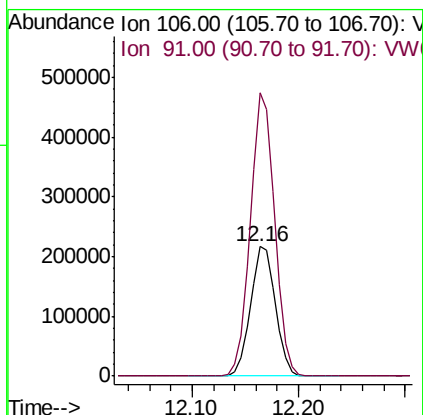
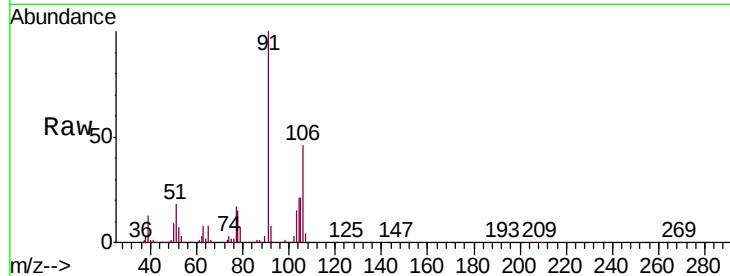




#69
o-Xylene
Concen: 52.037 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

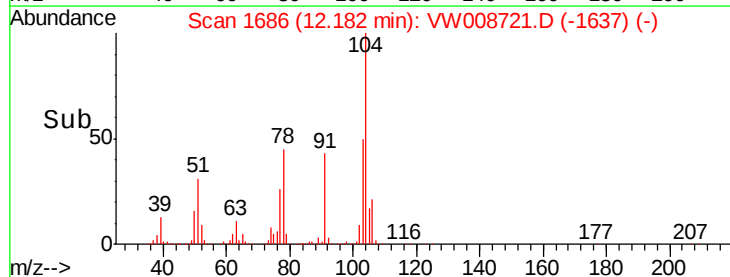
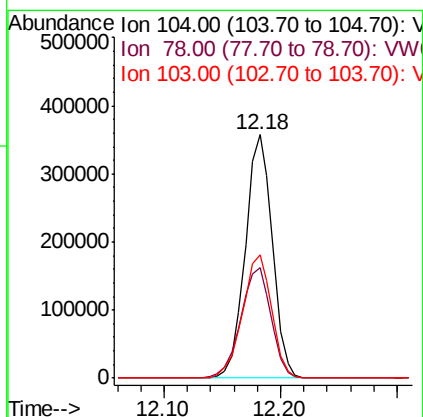
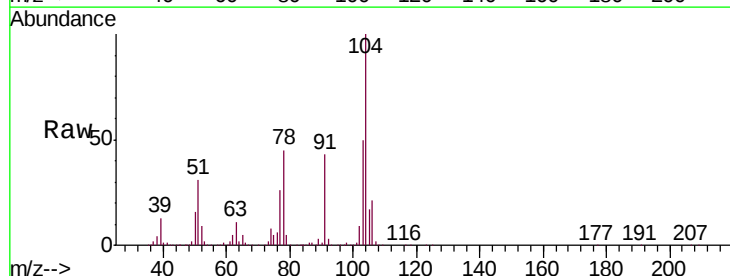
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

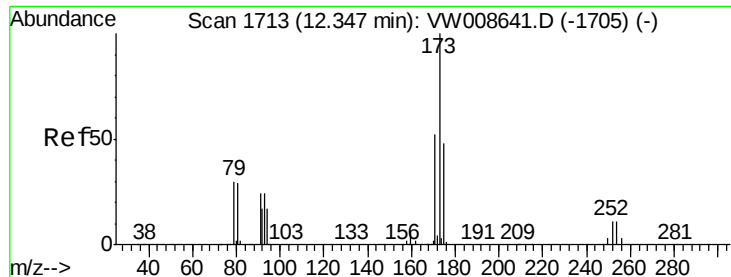
Tgt Ion:106 Resp: 354143
Ion Ratio Lower Upper
106 100
91 214.5 106.7 320.1



#70
Styrene
Concen: 52.107 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion:104 Resp: 579215
Ion Ratio Lower Upper
104 100
78 50.7 41.5 62.3
103 54.6 43.5 65.3





#71

Bromoform

Concen: 49.419 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

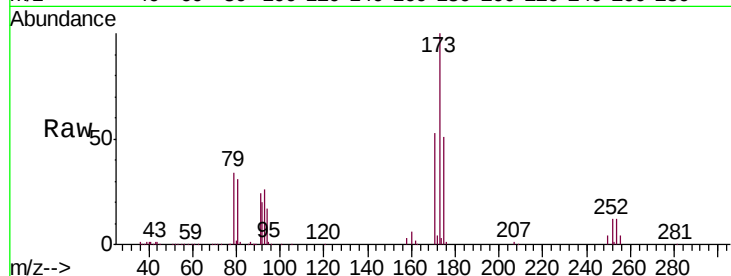
Tgt Ion:173 Resp: 97989

Ion Ratio Lower Upper

173 100

175 50.1 24.9 74.7

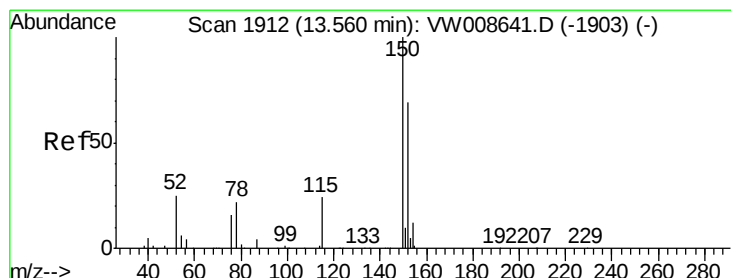
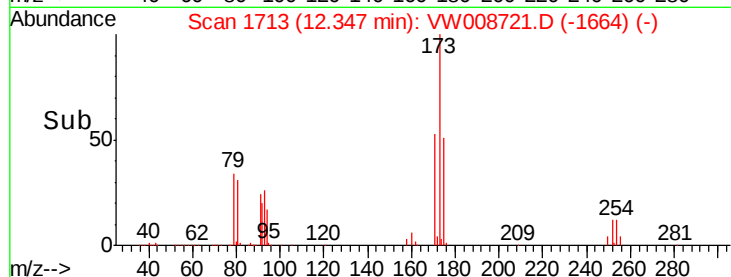
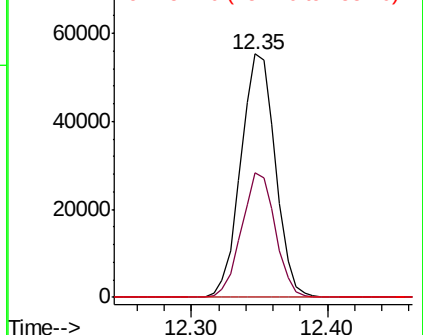
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

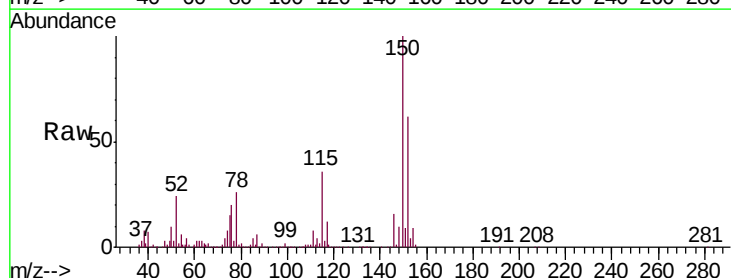
Tgt Ion:152 Resp: 252613

Ion Ratio Lower Upper

152 100

115 58.4 29.3 87.8

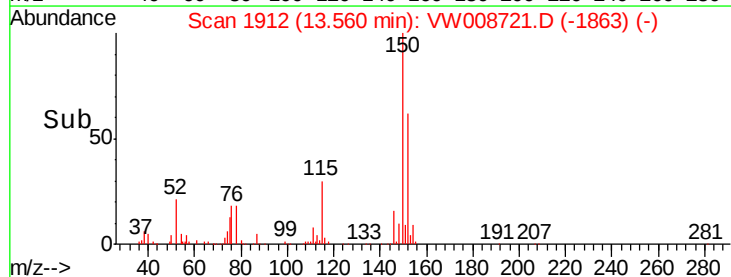
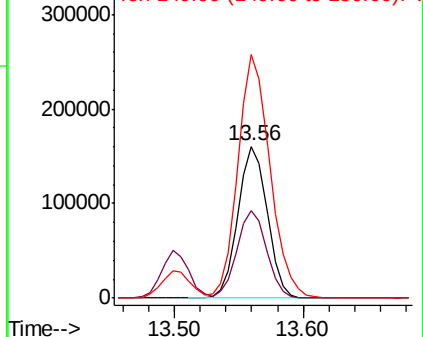
150 176.3 0.0 352.8

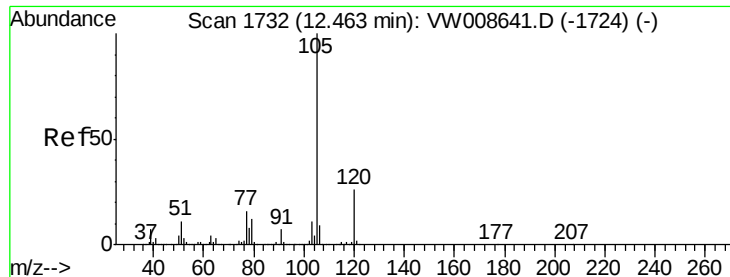


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.685 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

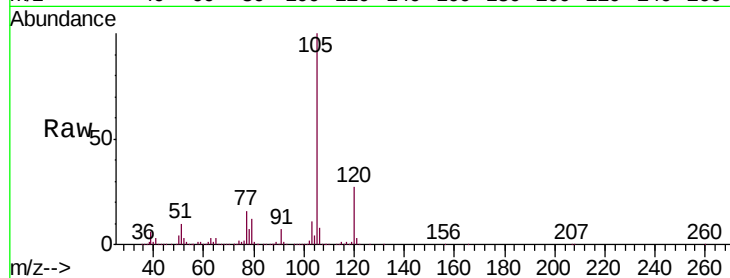
VSTDCCC050

Tgt Ion: 105 Resp: 991360

Ion Ratio Lower Upper

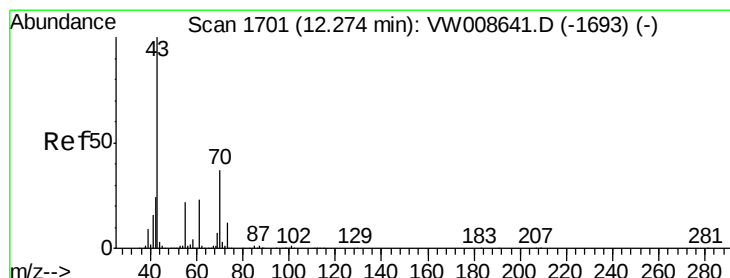
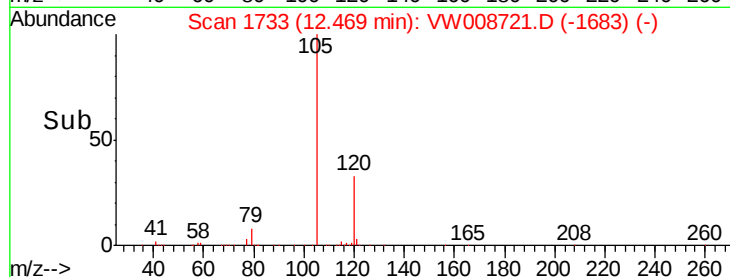
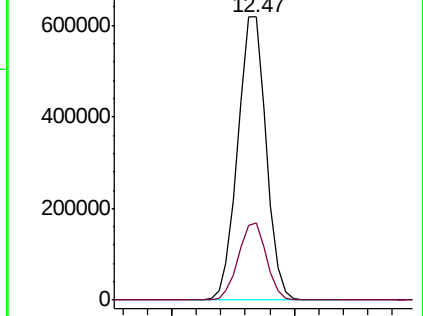
105 100

120 27.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.005 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Tgt Ion: 43 Resp: 229004

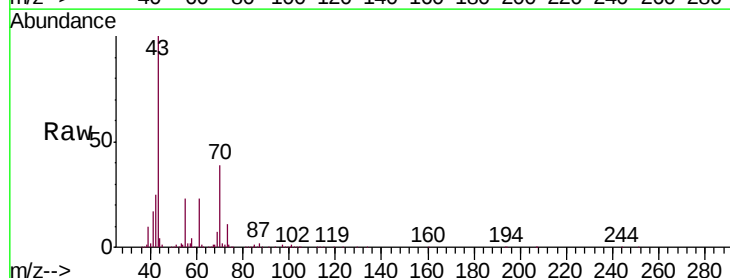
Ion Ratio Lower Upper

43 100

70 38.1 30.5 45.7

55 22.8 17.6 26.4

61 22.6 17.9 26.9

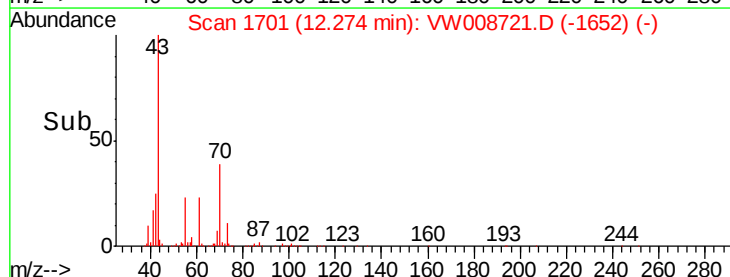
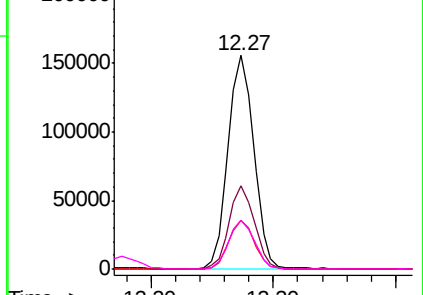


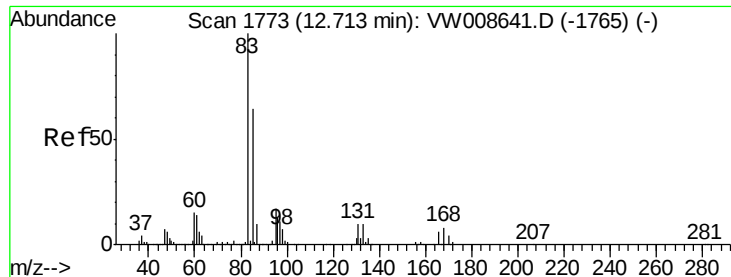
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 46.488 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

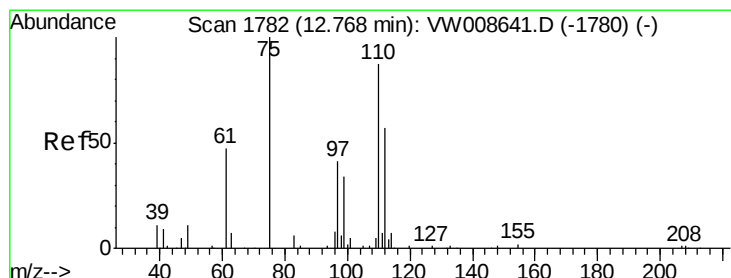
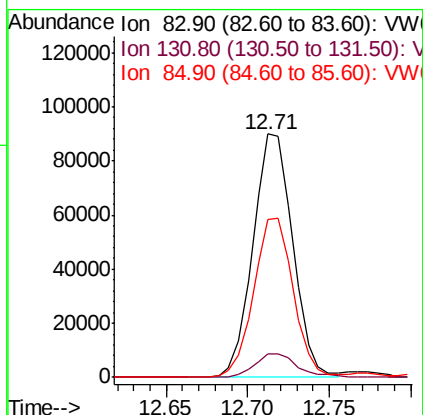
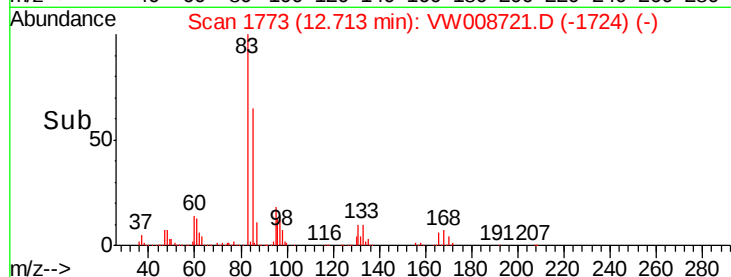
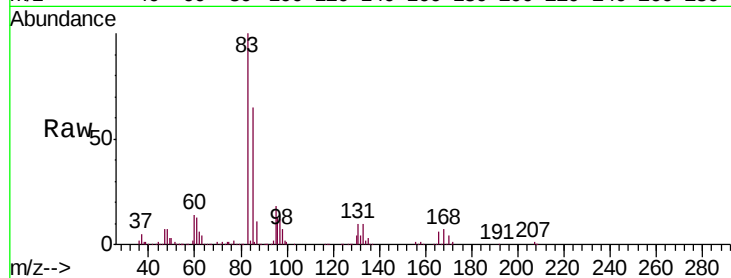
Tgt Ion: 83 Resp: 152193

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.7

85 65.0 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 85.808 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008721.D

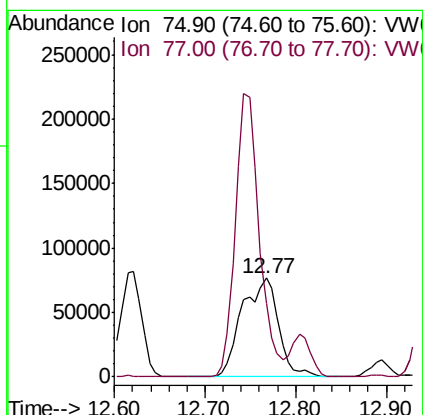
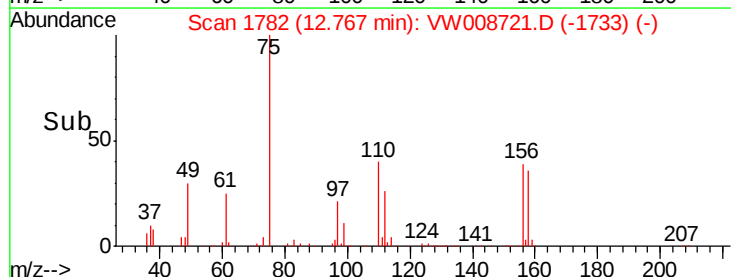
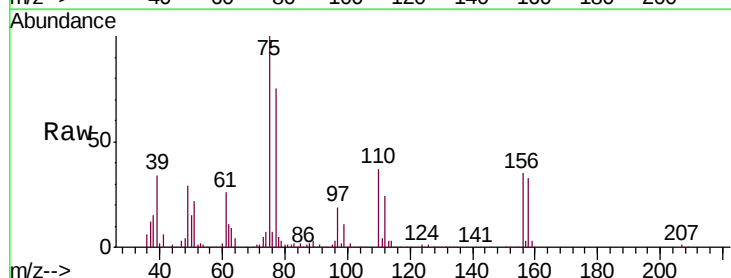
Acq: 18 Feb 2019 11:41

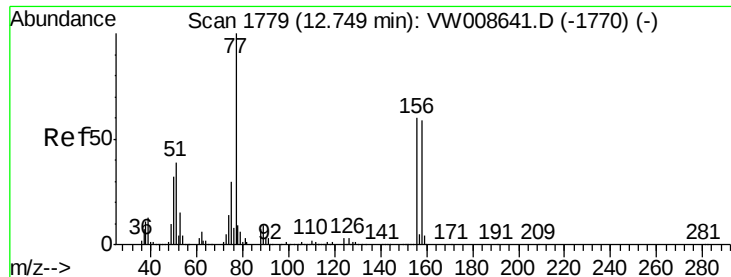
Tgt Ion: 75 Resp: 214043

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.244 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

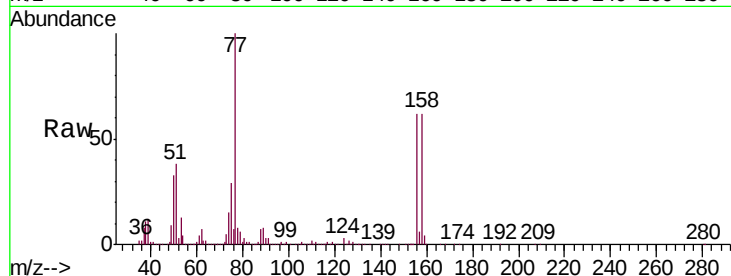
Tgt Ion:156 Resp: 221648

Ion Ratio Lower Upper

156 100

77 182.9 93.2 279.5

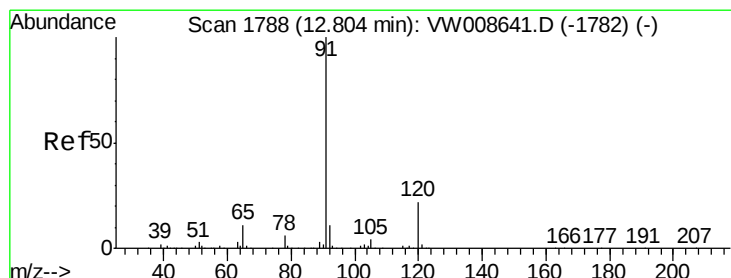
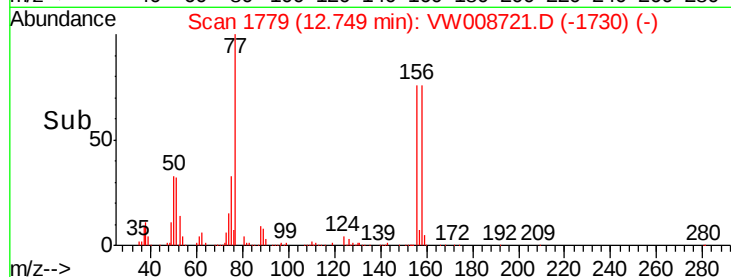
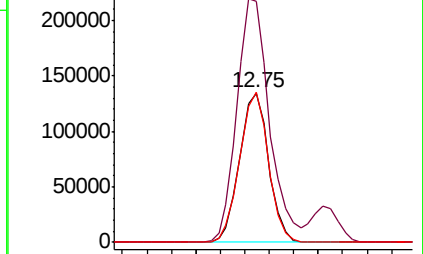
158 99.5 48.5 145.5



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: 53.701 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW008721.D

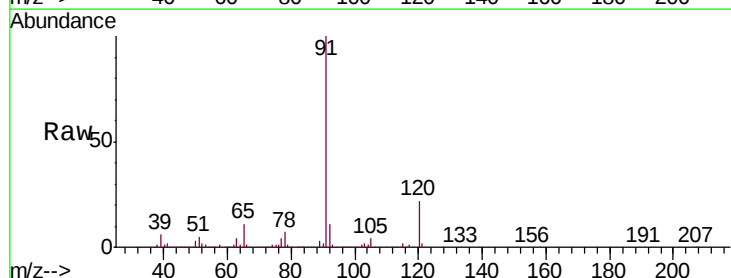
Acq: 18 Feb 2019 11:41

Tgt Ion: 91 Resp: 1200613

Ion Ratio Lower Upper

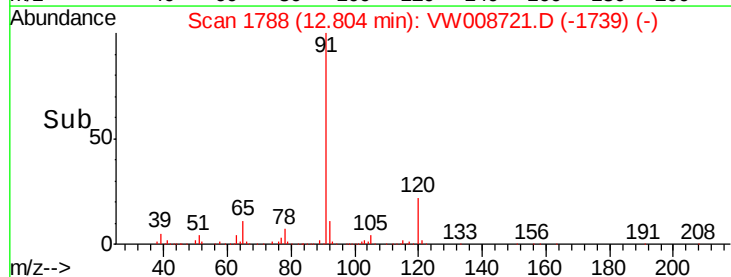
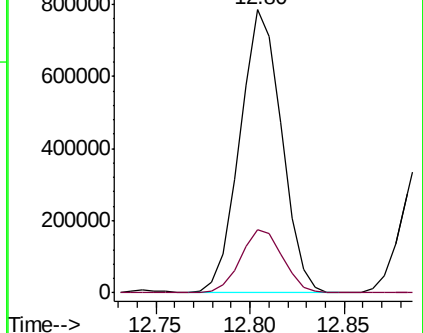
91 100

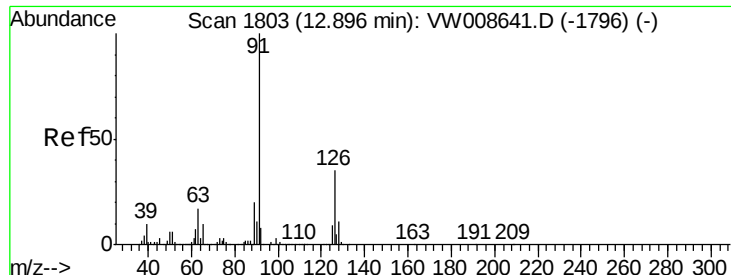
120 22.7 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.696 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

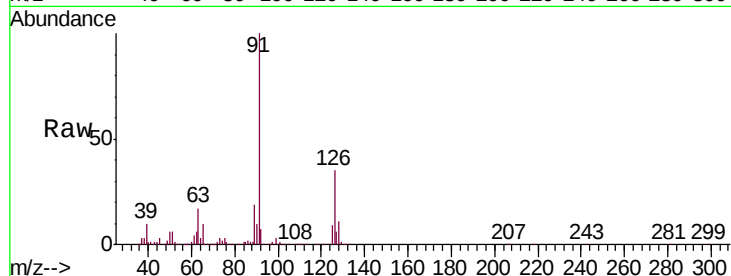
VSTDCCC050

Tgt Ion: 91 Resp: 665857

Ion Ratio Lower Upper

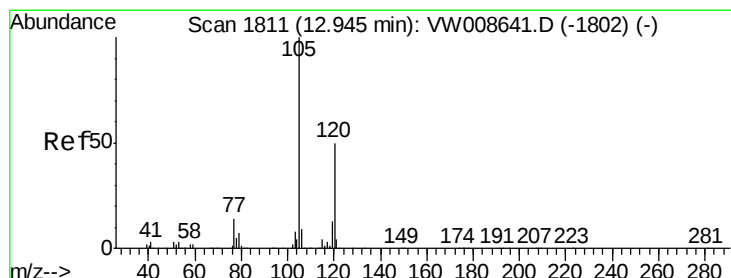
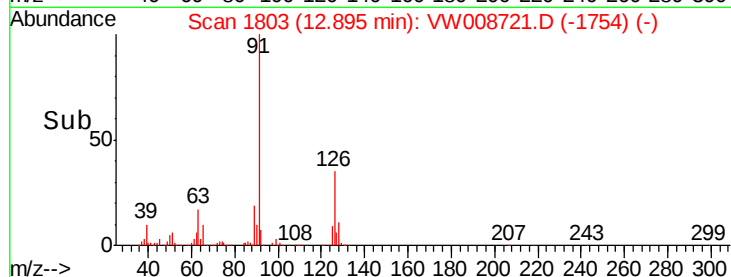
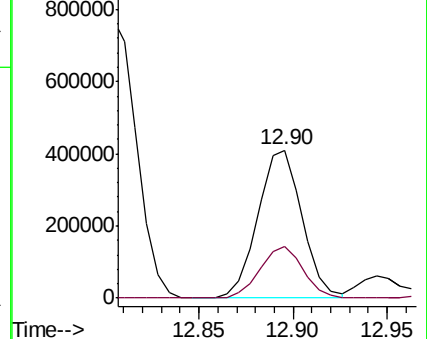
91 100

126 34.1 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.391 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008721.D

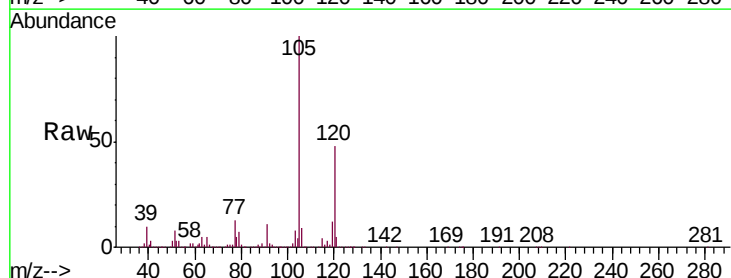
Acq: 18 Feb 2019 11:41

Tgt Ion: 105 Resp: 834461

Ion Ratio Lower Upper

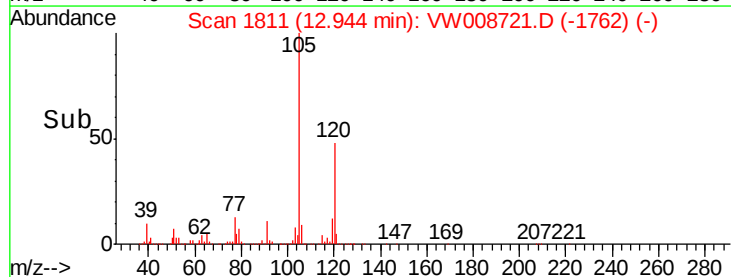
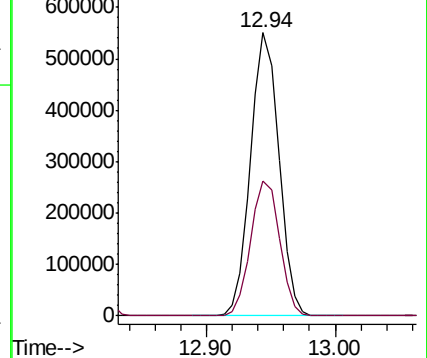
105 100

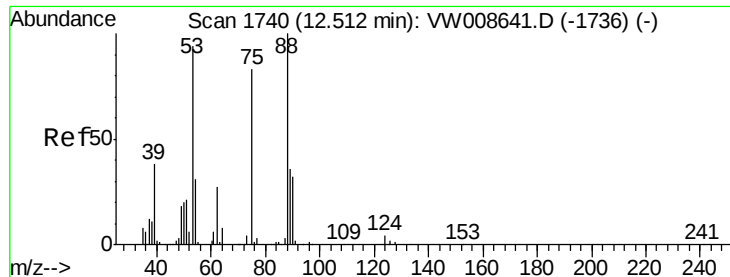
120 48.9 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 44.721 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

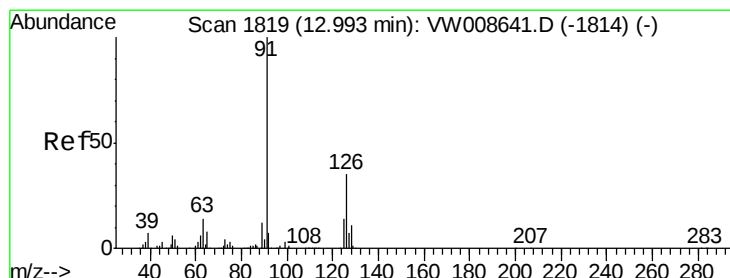
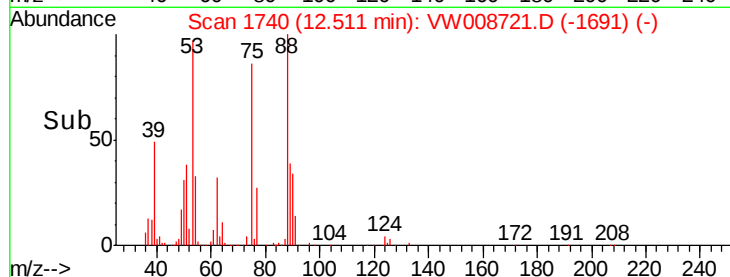
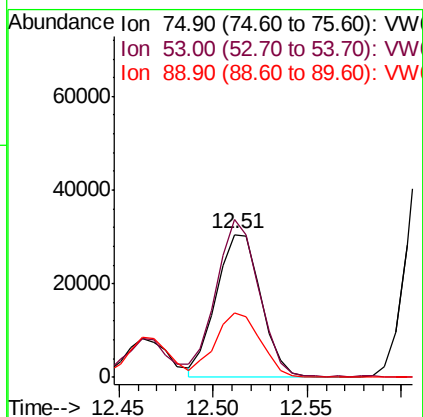
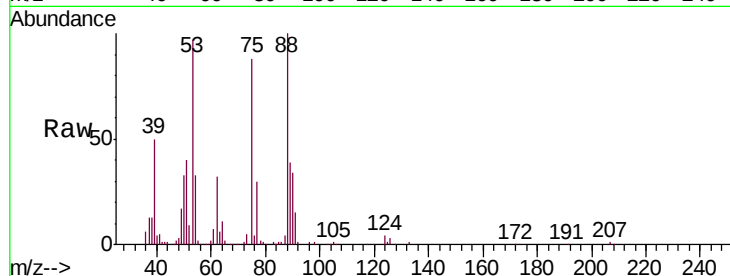
Tgt Ion: 75 Resp: 50279

Ion Ratio Lower Upper

75 100

53 104.5 87.4 131.0

89 46.1 37.0 55.4



#82

4-Chlorotoluene

Concen: 51.910 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008721.D

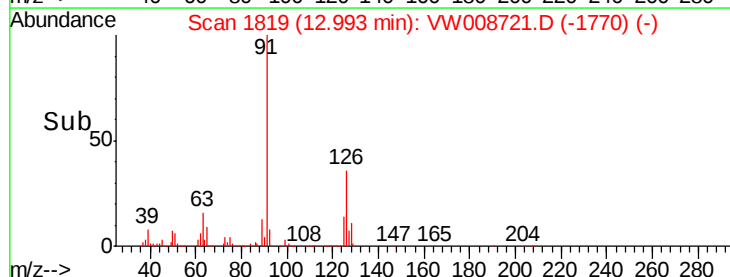
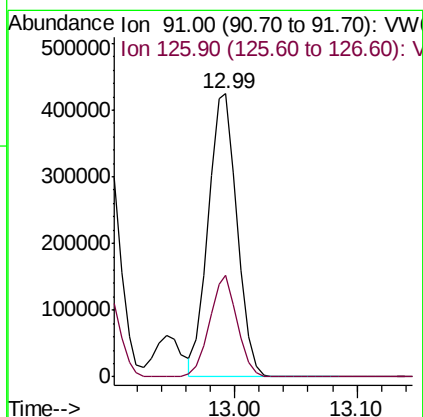
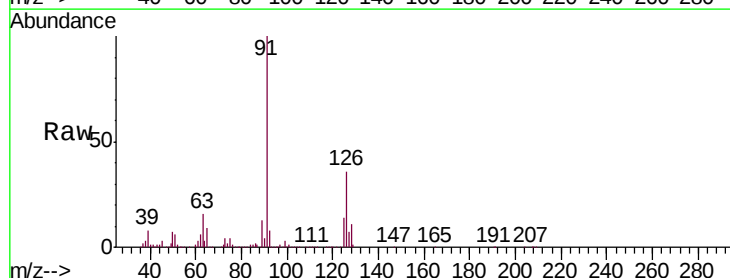
Acq: 18 Feb 2019 11:41

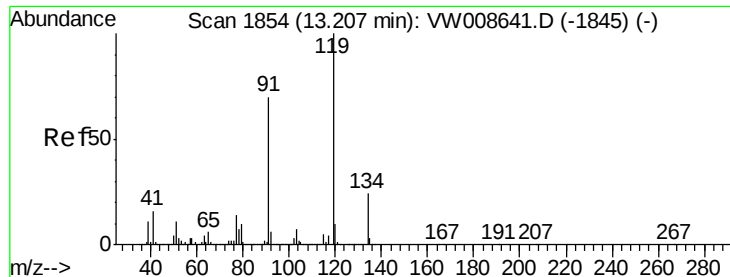
Tgt Ion: 91 Resp: 695126

Ion Ratio Lower Upper

91 100

126 34.3 16.9 50.7





#83

tert-Butylbenzene

Concen: 53.331 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

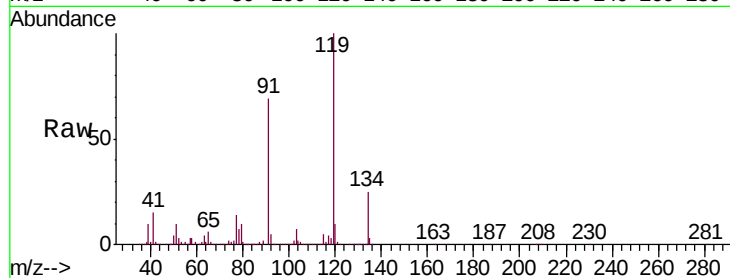
Tgt Ion:119 Resp: 723767

Ion Ratio Lower Upper

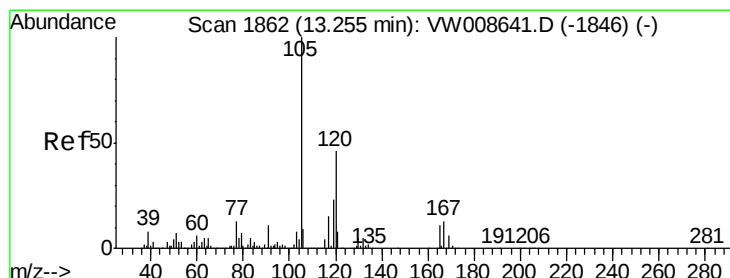
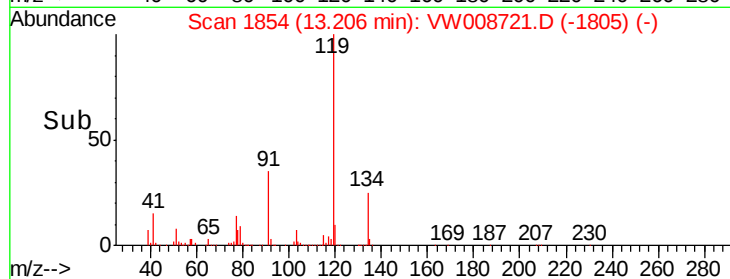
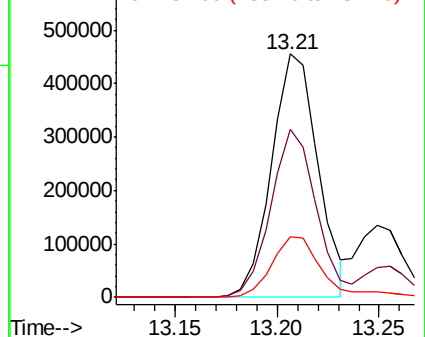
119 100

91 67.8 34.0 102.0

134 27.4 13.6 40.8



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



#84

1,2,4-Trimethylbenzene

Concen: 52.580 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008721.D

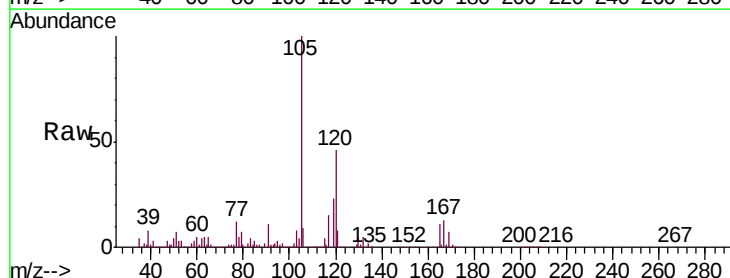
Acq: 18 Feb 2019 11:41

Tgt Ion:105 Resp: 844637

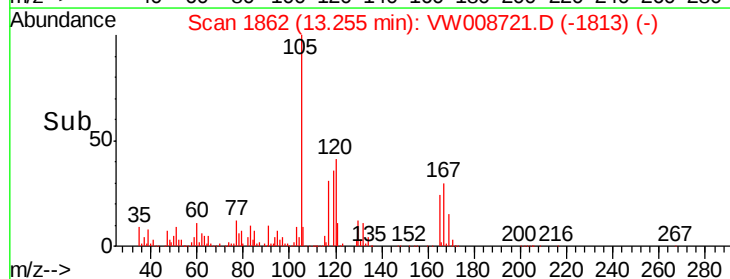
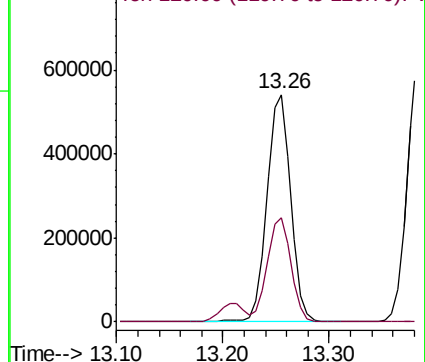
Ion Ratio Lower Upper

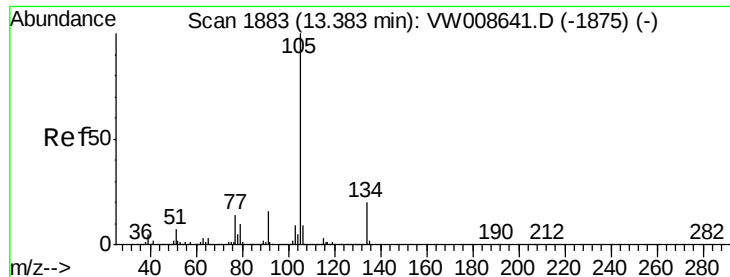
105 100

120 46.1 22.9 68.8



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

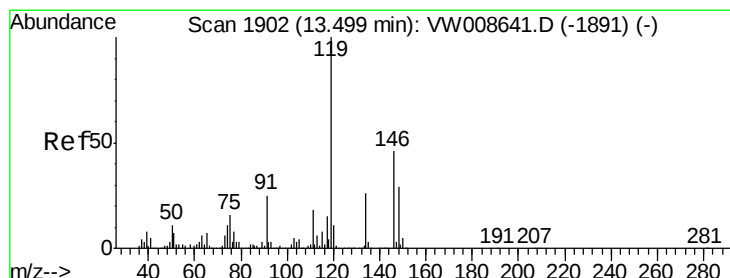
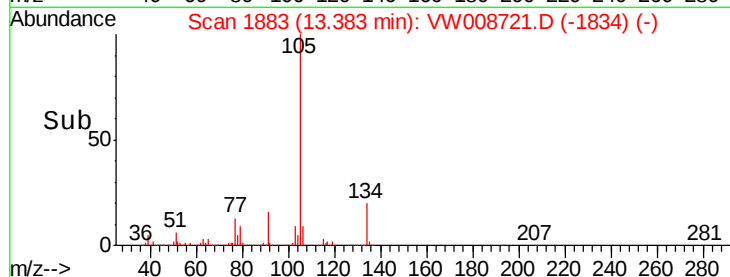
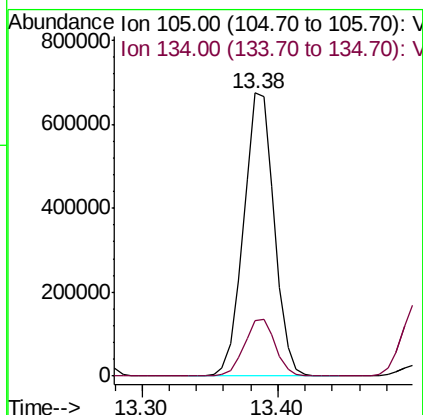
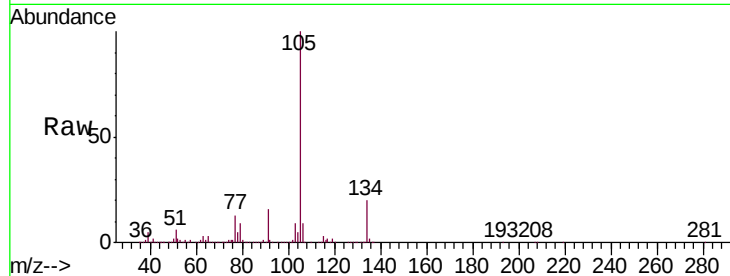




#85
 sec-Butylbenzene
 Concen: 53.424 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

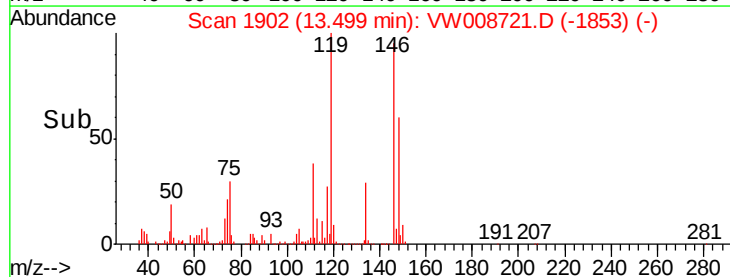
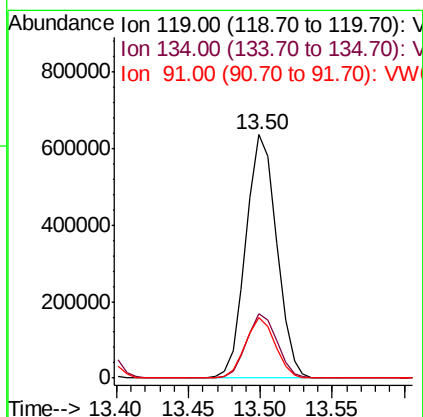
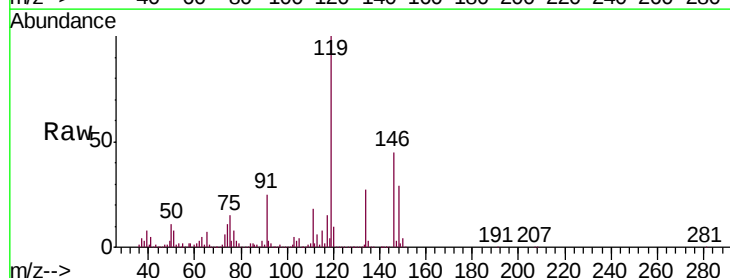
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

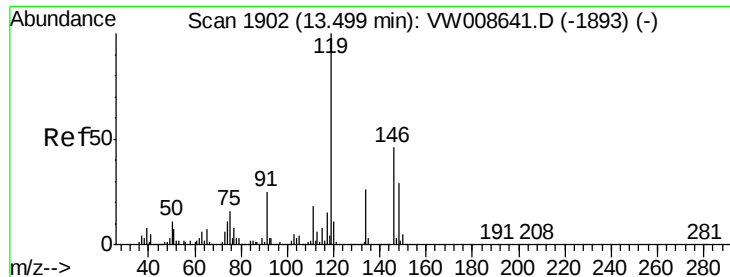
Tgt Ion:105 Resp: 1055694
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 53.255 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

Tgt Ion:119 Resp: 941433
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 24.3 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 51.811 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

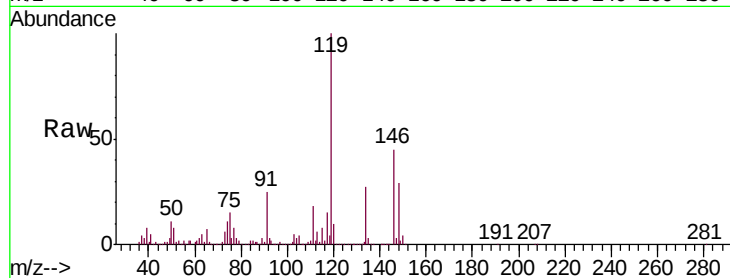
Tgt Ion:146 Resp: 454302

Ion Ratio Lower Upper

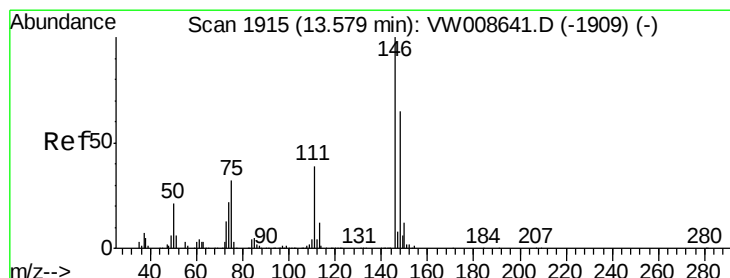
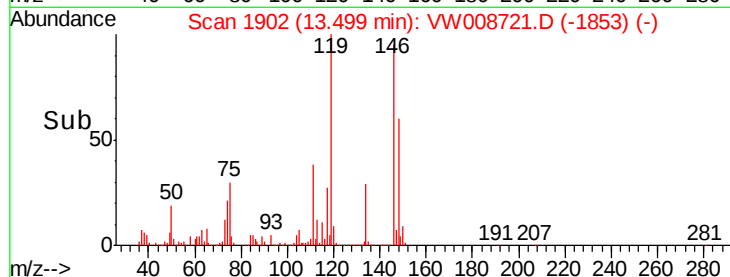
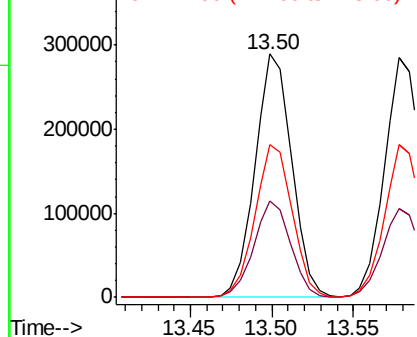
146 100

111 39.5 19.4 58.1

148 63.5 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.975 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW008721.D

Acq: 18 Feb 2019 11:41

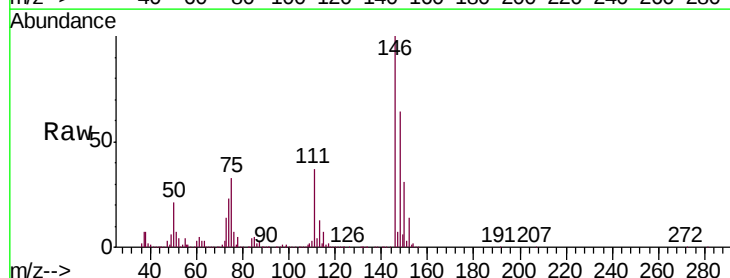
Tgt Ion:146 Resp: 449151

Ion Ratio Lower Upper

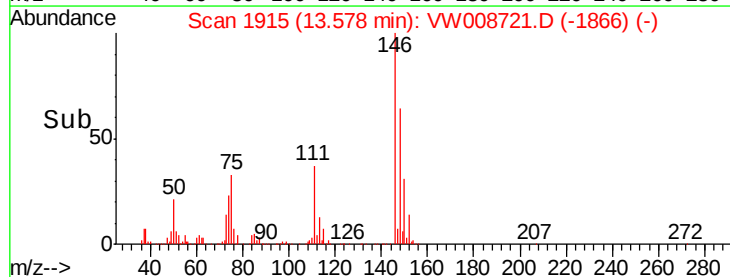
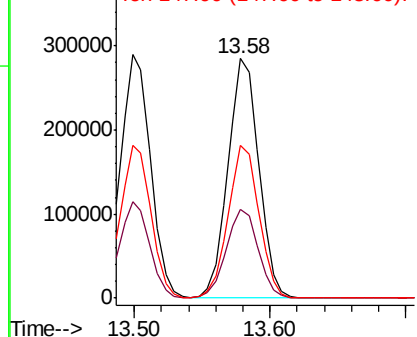
146 100

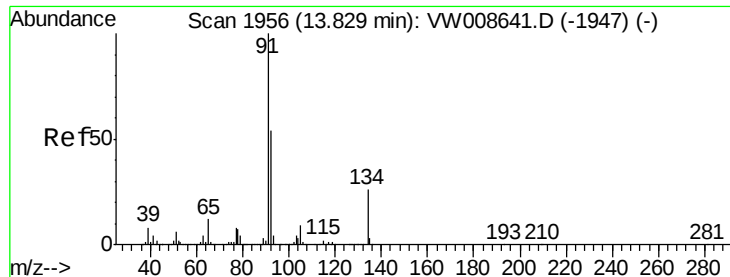
111 38.3 19.4 58.1

148 63.8 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

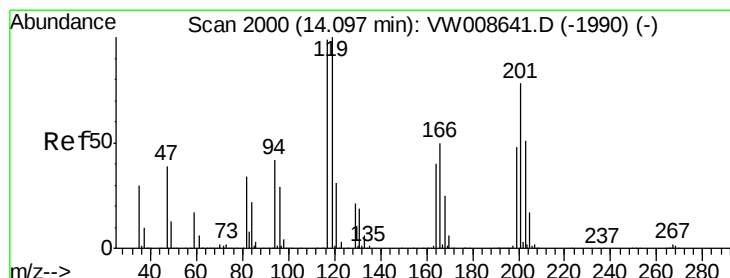
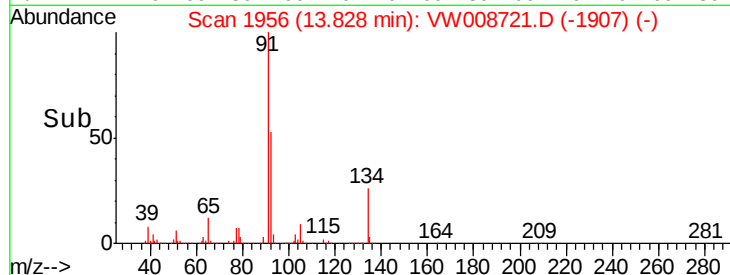
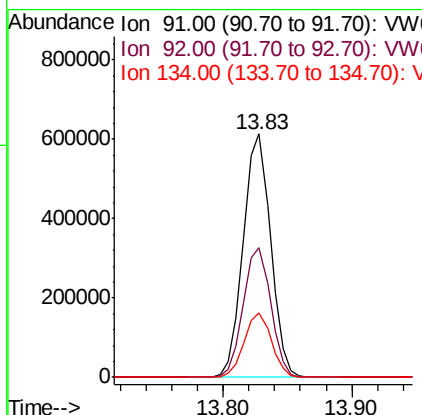
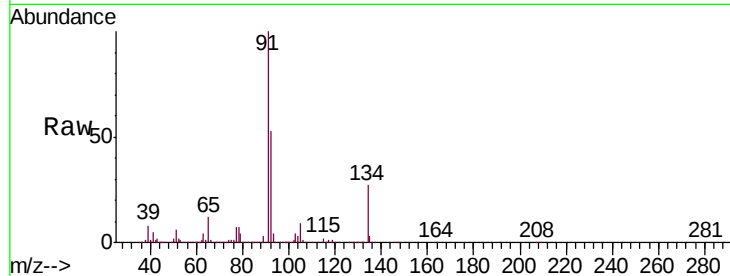




#89
n-Butylbenzene
Concen: 53.582 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

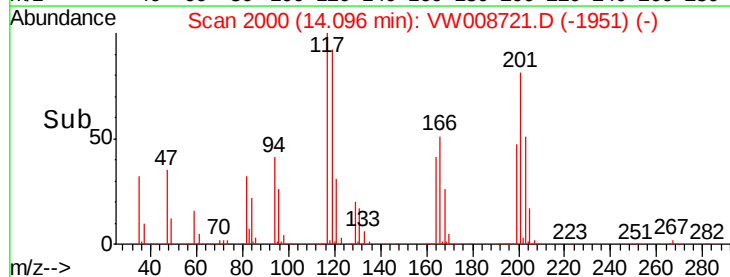
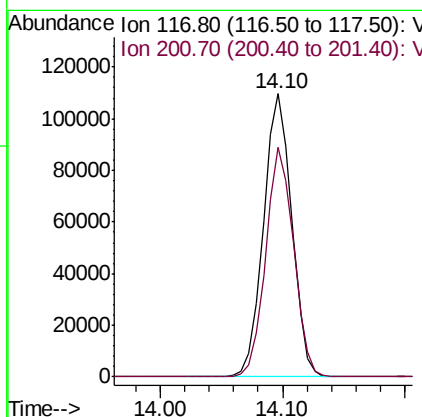
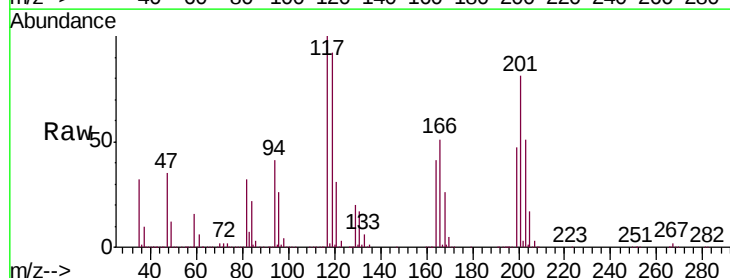
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

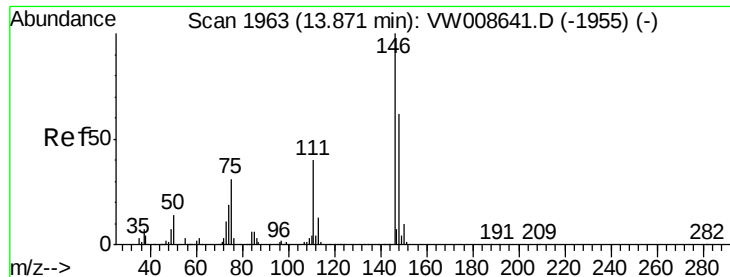
Tgt Ion: 91 Resp: 900123
Ion Ratio Lower Upper
91 100
92 53.7 26.8 80.4
134 26.3 13.0 39.0



#90
Hexachloroethane
Concen: 57.025 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion: 117 Resp: 176120
Ion Ratio Lower Upper
117 100
201 80.0 38.7 116.1

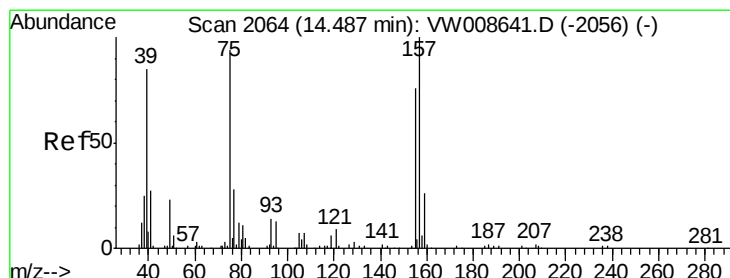
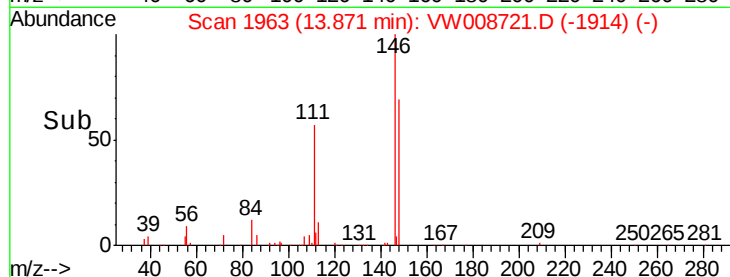
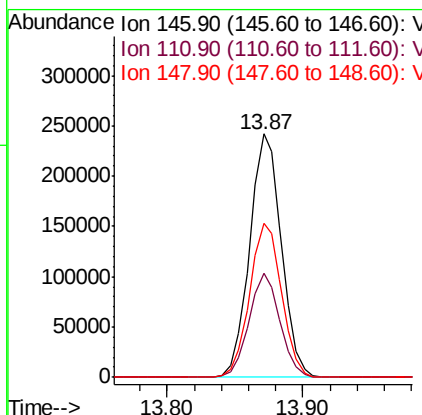
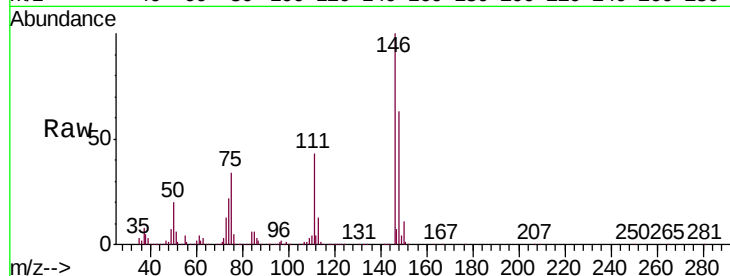




#91
 1,2-Dichlorobenzene
 Concen: 50.643 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

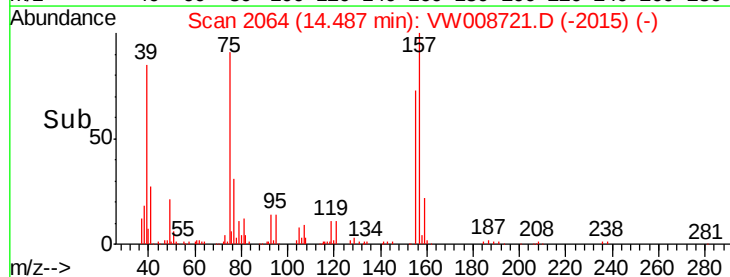
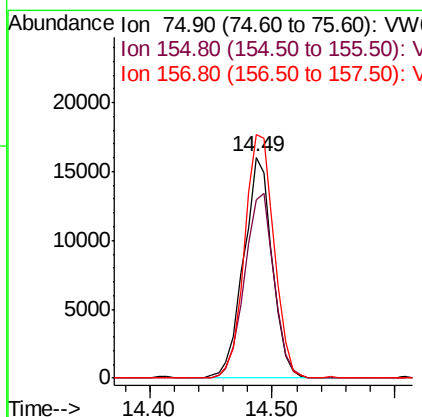
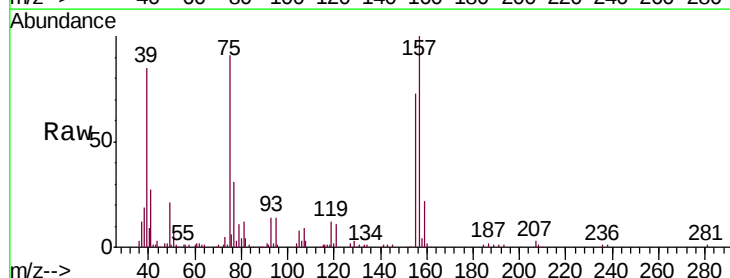
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

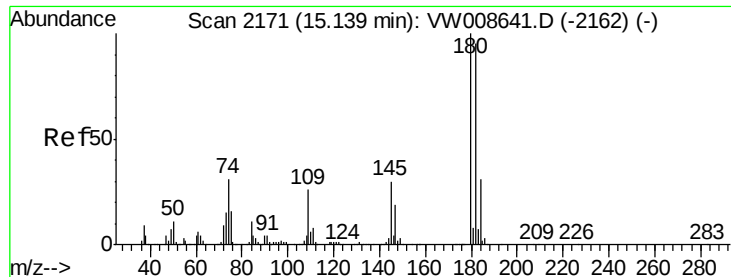
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.5	61.5
148	64.1	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.708 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.2	41.8	125.4
157	113.6	53.8	161.4

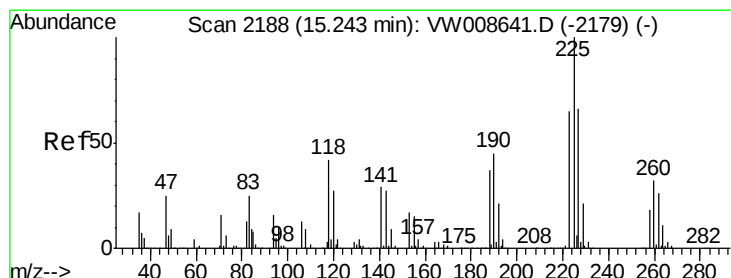
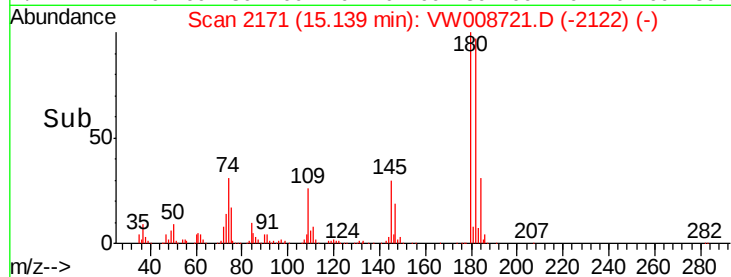
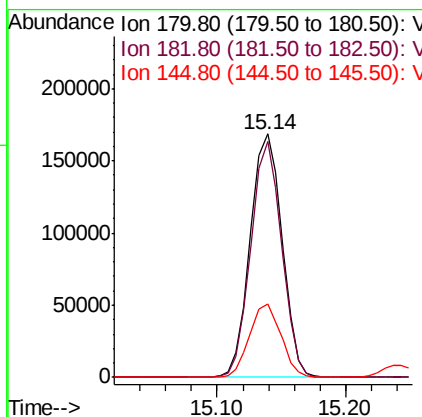
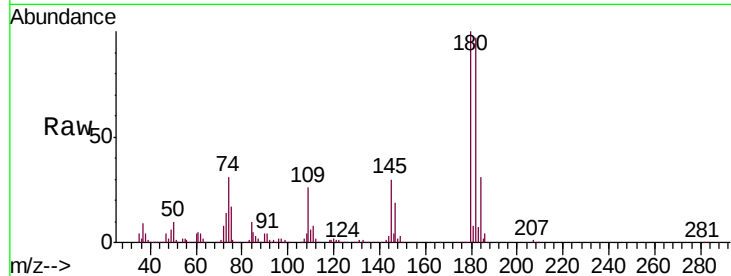




#93
 1,2,4-Trichlorobenzene
 Concen: 51.945 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

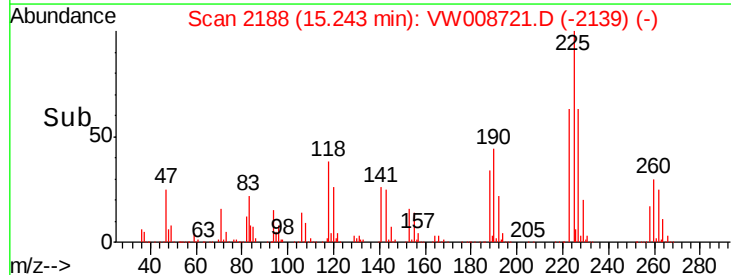
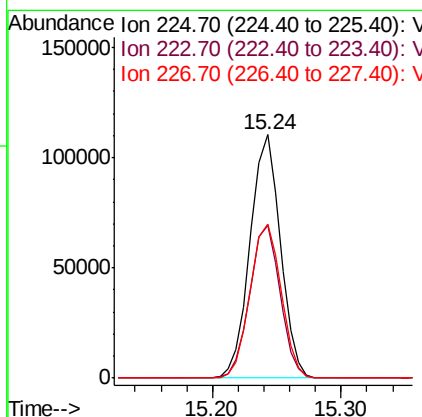
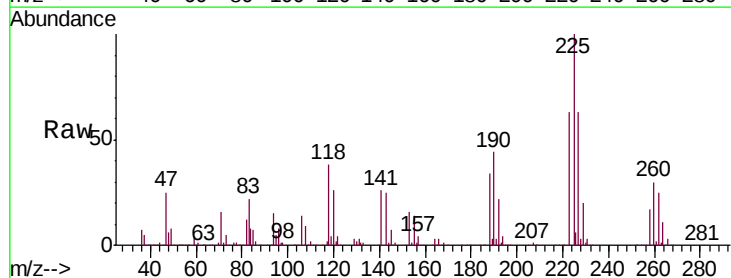
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

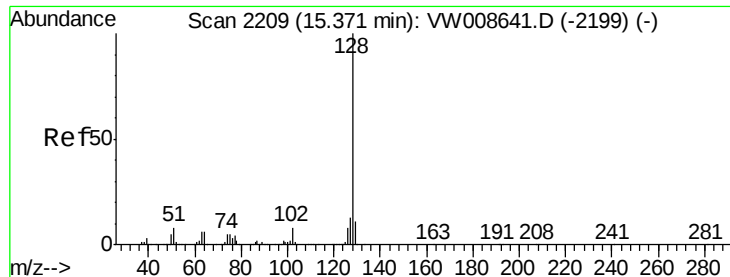
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.5	142.5
145	30.0	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 55.686 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008721.D
 Acq: 18 Feb 2019 11:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.4	94.3
227	65.0	32.4	97.0

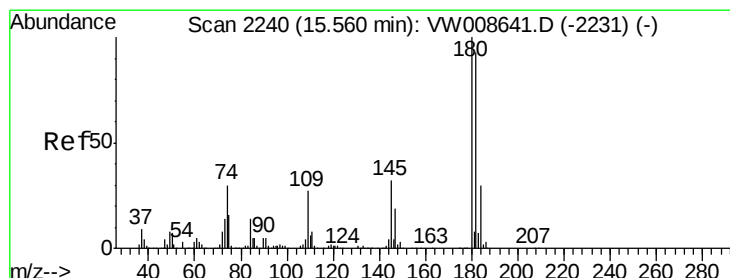
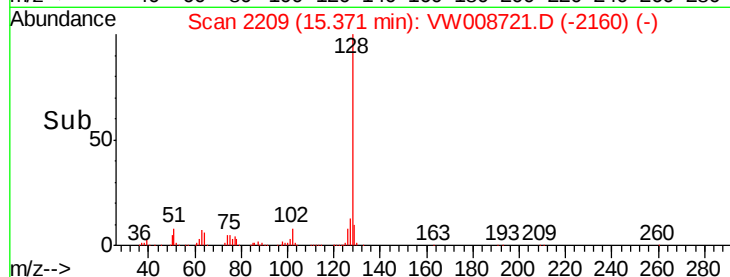
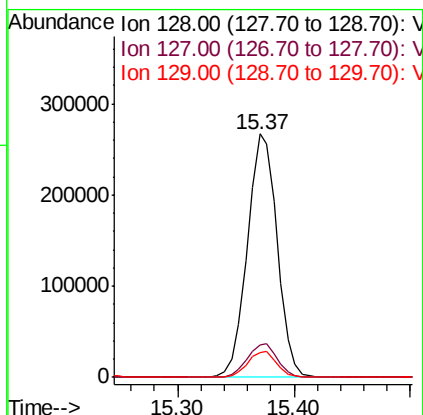
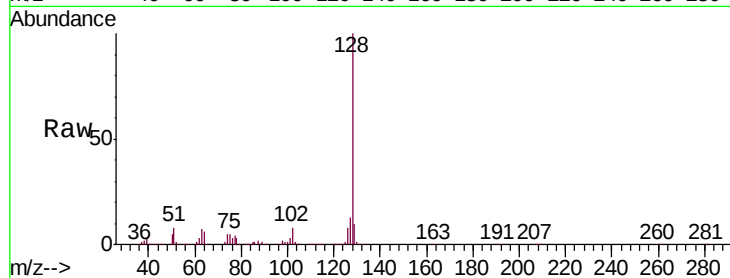




#95
Naphthalene
Concen: 48.079 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.9	16.3
129	10.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.184 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW008721.D
Acq: 18 Feb 2019 11:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.5	142.5
145	31.1	15.9	47.7

