

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090119\
 Data File : VW012464.D
 Acq On : 01 Sep 2019 22:57
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 02 07:22:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	180972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	274532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	238044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119191	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112620	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
35) Dibromofluoromethane	7.88	113	84445	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	10.32	98	337015	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.62	95	119225	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	52793	47.377	ug/l	97
3) Chloromethane	2.21	50	85555	49.557	ug/l	100
4) Vinyl Chloride	2.35	62	111023	52.542	ug/l	100
5) Bromomethane	2.77	94	58564	54.726	ug/l	99
6) Chloroethane	2.92	64	64859	54.412	ug/l	95
7) Trichlorofluoromethane	3.25	101	63827	60.156	ug/l	97
8) Diethyl Ether	3.68	74	52820	52.447	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	99026	54.908	ug/l	96
10) Methyl Iodide	4.27	142	124678	51.093	ug/l	97
11) Tert butyl alcohol	5.15	59	45639	352.520	ug/l	99
12) 1,1-Dichloroethene	4.04	96	94624	52.128	ug/l	94
13) Acrolein	3.89	56	26463	217.145	ug/l	98
14) Allyl chloride	4.67	41	201579	51.944	ug/l	99
15) Acrylonitrile	5.36	53	155158	310.824	ug/l	99
16) Acetone	4.11	43	152418	277.163	ug/l	97
17) Carbon Disulfide	4.38	76	271162	49.428	ug/l	99
18) Methyl Acetate	4.67	43	91717	67.337	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	173763	59.193	ug/l	99
20) Methylene Chloride	4.91	84	102555	49.331	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	100052	51.399	ug/l	98
22) Diisopropyl ether	6.31	45	385328	53.568	ug/l	99
23) Vinyl Acetate	6.25	43	1213316	274.082	ug/l	100
24) 1,1-Dichloroethane	6.21	63	203902	52.061	ug/l	99
25) 2-Butanone	7.17	43	220251	294.737	ug/l	97
26) 2,2-Dichloropropane	7.17	77	119500	53.906	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	108009	51.934	ug/l	98
28) Bromochloromethane	7.51	49	80716	47.284	ug/l	98
29) Tetrahydrofuran	7.52	42	141185	314.909	ug/l	99
30) Chloroform	7.67	83	189759	52.957	ug/l	99
31) Cyclohexane	7.96	56	190137	49.068	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	163425	57.653	ug/l	99
36) 1,1-Dichloropropene	8.08	75	159891	56.360	ug/l	99
37) Ethyl Acetate	7.25	43	95142	61.200	ug/l	100
38) Carbon Tetrachloride	8.07	117	148451	60.457	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	178127	55.890	ug/l	99
40) Benzene	8.32	78	418165	53.981	ug/l	100
41) Methacrylonitrile	7.48	41	62028	67.886	ug/l	96
42) 1,2-Dichloroethane	8.40	62	146110	60.181	ug/l	98
43) Isopropyl Acetate	8.42	43	176542	61.307	ug/l	99
44) Trichloroethene	9.09	130	105272	55.902	ug/l	97
45) 1,2-Dichloropropane	9.37	63	113191	54.293	ug/l	97
46) Dibromomethane	9.46	93	54554	58.812	ug/l	98
47) Bromodichloromethane	9.64	83	143961	58.313	ug/l	99
48) Methyl methacrylate	9.43	41	86628	63.206	ug/l	98
49) 1,4-Dioxane	9.45	88	19961	1405.652	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	476166	325.100	ug/l	99
52) Toluene	10.39	92	258234	55.490	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	145947	58.037	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	169102	55.692	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	77289	58.890	ug/l	98
56) Ethyl methacrylate	10.65	69	118076	61.815	ug/l	99
57) 1,3-Dichloropropane	10.93	76	145022	58.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	277616	283.188	ug/l	99
59) 2-Hexanone	10.97	43	327713	316.218	ug/l	99
60) Dibromochloromethane	11.13	129	88971	60.863	ug/l	100
61) 1,2-Dibromoethane	11.23	107	74086	60.592	ug/l	98
64) Tetrachloroethene	10.86	164	91729	59.437	ug/l	99
65) Chlorobenzene	11.66	112	254531	54.302	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	94744	57.940	ug/l	99
67) Ethyl Benzene	11.73	91	509423	56.419	ug/l	98
68) m/p-Xylenes	11.84	106	361203	111.056	ug/l	98
69) o-Xylene	12.16	106	166958	55.463	ug/l	99
70) Styrene	12.18	104	295123	56.641	ug/l	99
71) Bromoform	12.35	173	52145	64.005	ug/l #	99
73) Isopropylbenzene	12.46	105	487209	54.552	ug/l	99
74) N-amyl acetate	12.27	43	158039	58.569	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	93340	57.007	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	129385	111.459	ug/l #	100
77) Bromobenzene	12.74	156	104412	54.039	ug/l	100
78) n-propylbenzene	12.80	91	595589	54.626	ug/l	100
79) 2-Chlorotoluene	12.89	91	331149	53.496	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	409575	54.882	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	31587	59.660	ug/l	99
82) 4-Chlorotoluene	12.99	91	348513	53.770	ug/l	99
83) tert-Butylbenzene	13.21	119	357268	56.515	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	408138	54.443	ug/l	99
85) sec-Butylbenzene	13.38	105	505239	55.785	ug/l	99
86) p-Isopropyltoluene	13.50	119	455963	56.373	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	202953	53.702	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	200836	53.521	ug/l	99
89) n-Butylbenzene	13.82	91	450170	55.968	ug/l	100
90) Hexachloroethane	14.09	117	78902	55.601	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	183006	55.199	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17816	64.544	ug/l	96

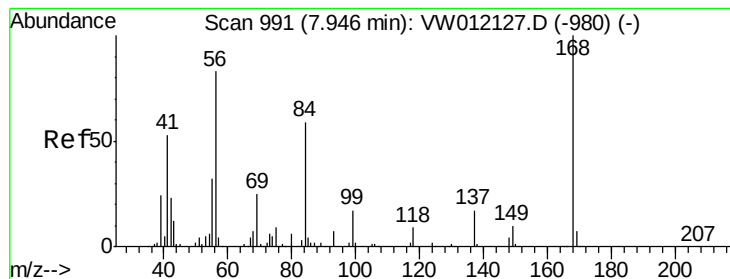
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	126881	55.379	ug/l	99
94) Hexachlorobutadiene	15.24	225	90868	60.065	ug/l	98
95) Naphthalene	15.36	128	246407	54.392	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	112981	56.520	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

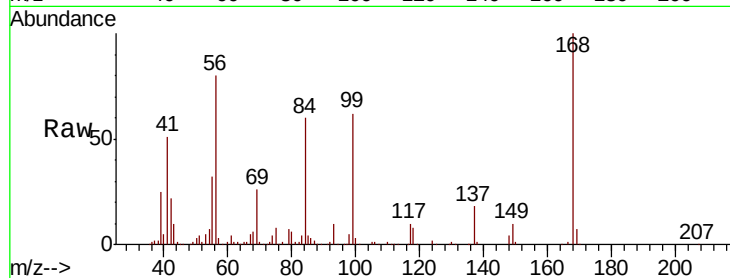
VSTDCCC050

Tgt Ion:168 Resp: 180972

Ion Ratio Lower Upper

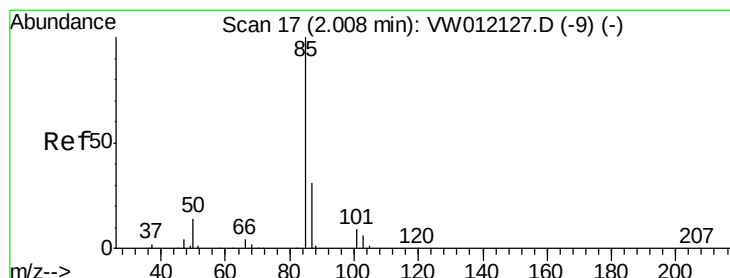
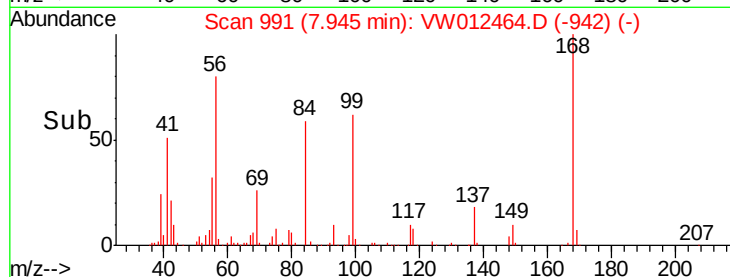
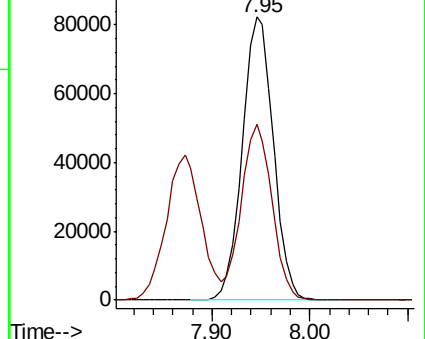
168 100

99 62.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 47.377 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012464.D

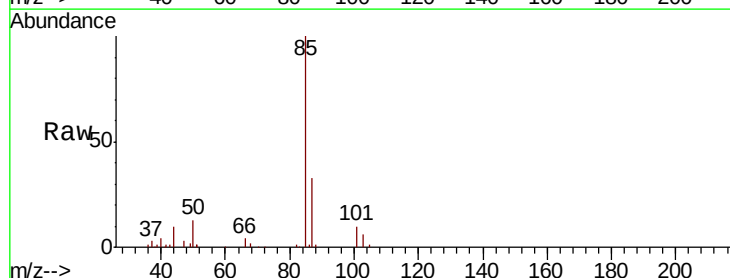
Acq: 01 Sep 2019 22:57

Tgt Ion: 85 Resp: 52793

Ion Ratio Lower Upper

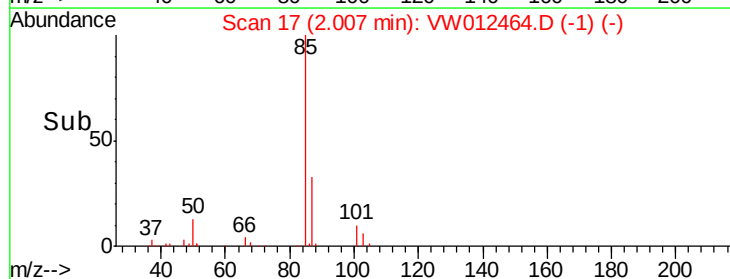
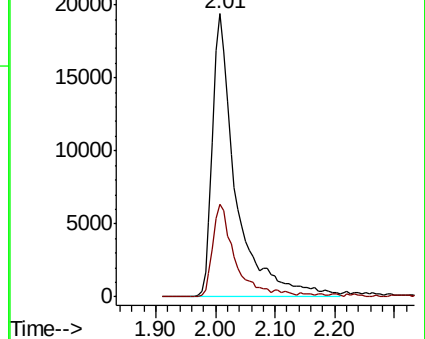
85 100

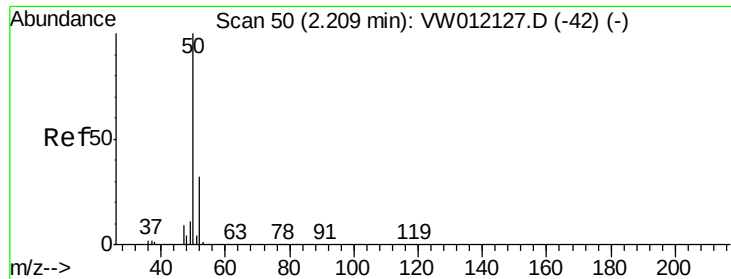
87 32.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 49.557 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

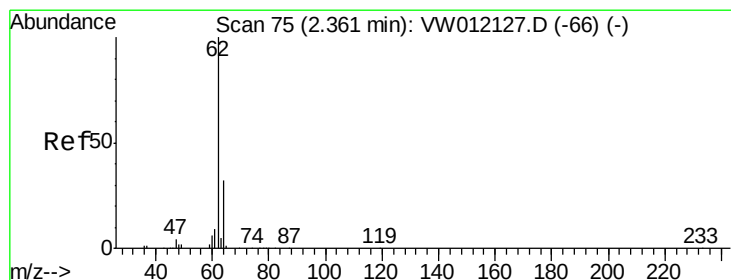
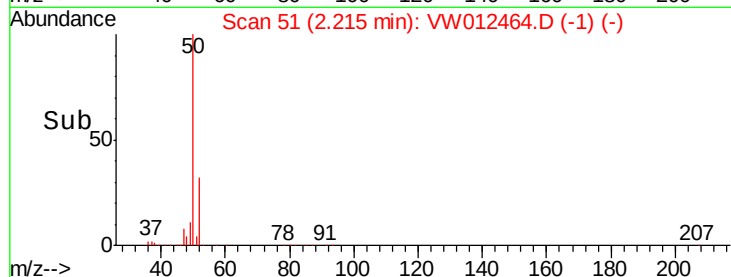
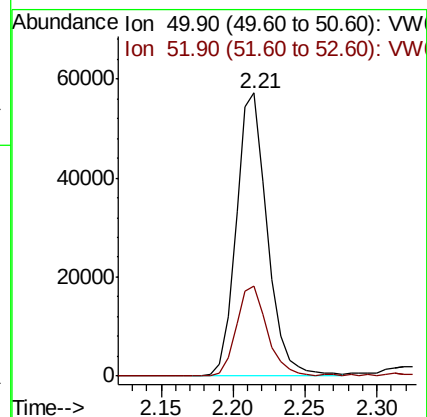
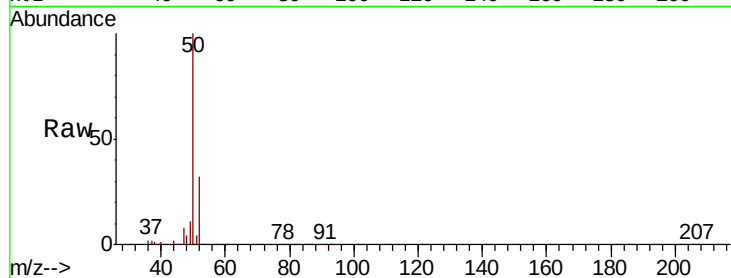
VSTDCCC050

Tgt Ion: 50 Resp: 85555

Ion Ratio Lower Upper

50 100

52 31.8 25.5 38.3



#4

Vinyl Chloride

Concen: 52.542 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012464.D

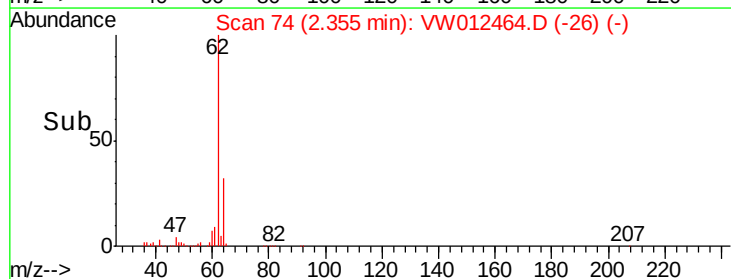
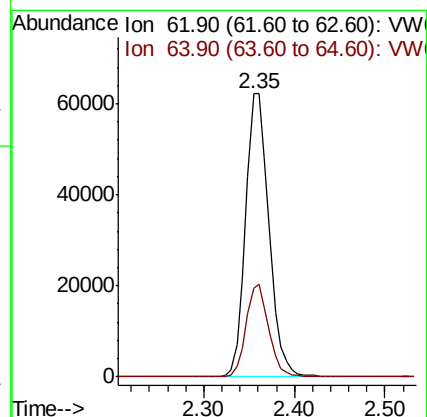
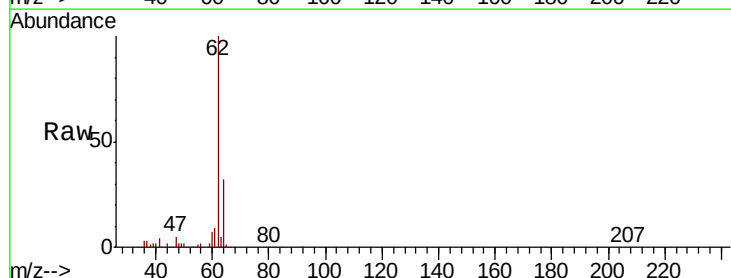
Acq: 01 Sep 2019 22:57

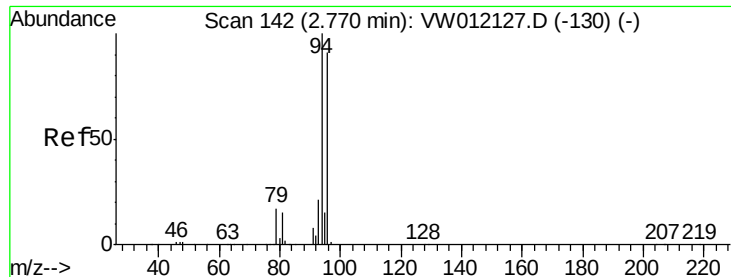
Tgt Ion: 62 Resp: 111023

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 54.726 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

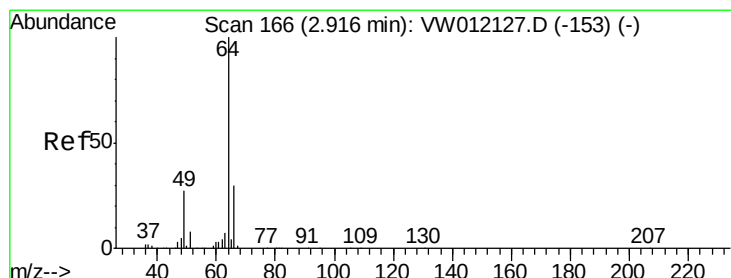
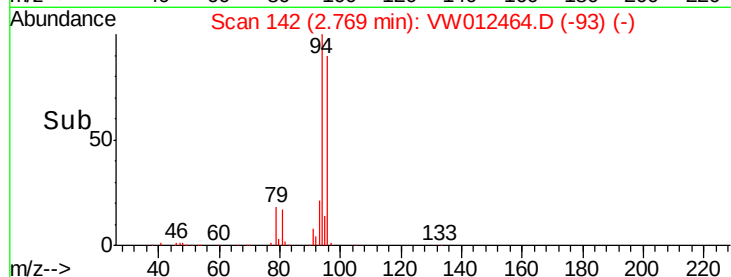
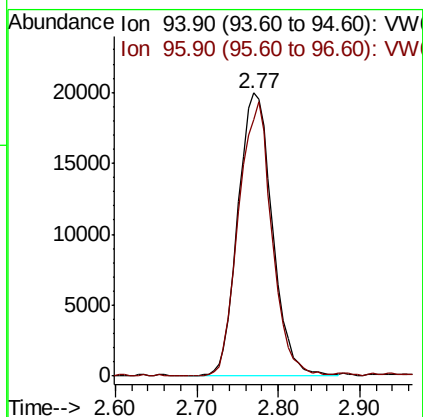
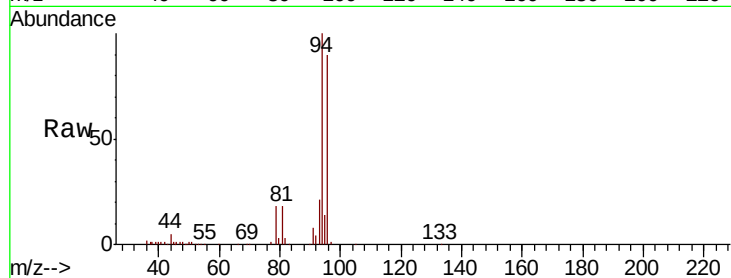
VSTDCCC050

Tgt Ion: 94 Resp: 58564

Ion Ratio Lower Upper

94 100

96 90.4 72.9 109.3



#6

Chloroethane

Concen: 54.412 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012464.D

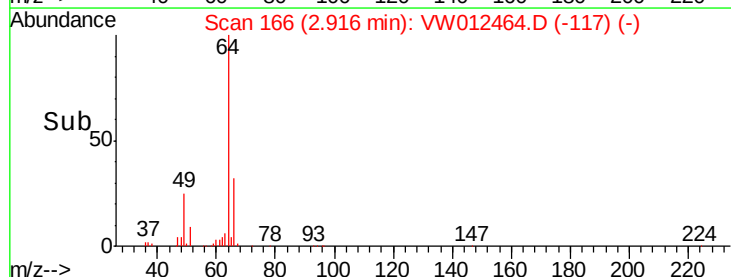
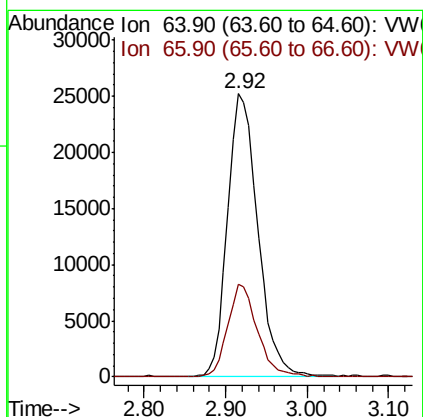
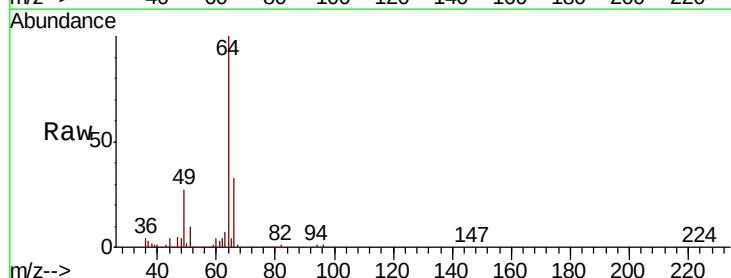
Acq: 01 Sep 2019 22:57

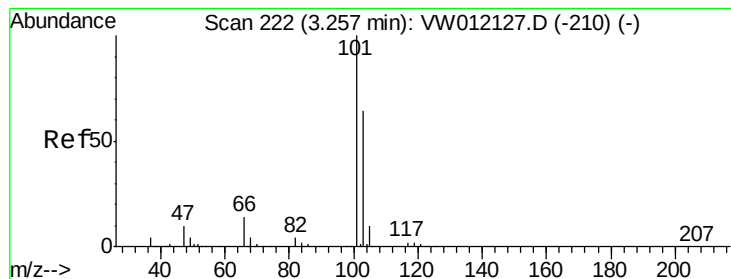
Tgt Ion: 64 Resp: 64859

Ion Ratio Lower Upper

64 100

66 32.6 23.8 35.8



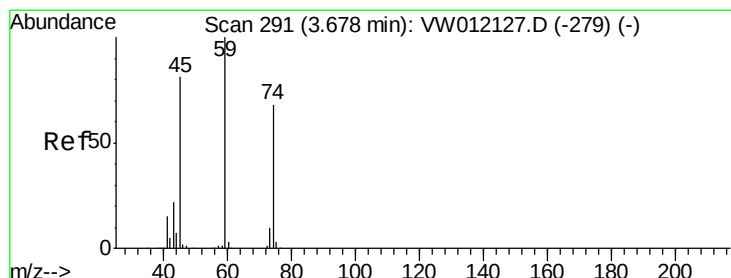
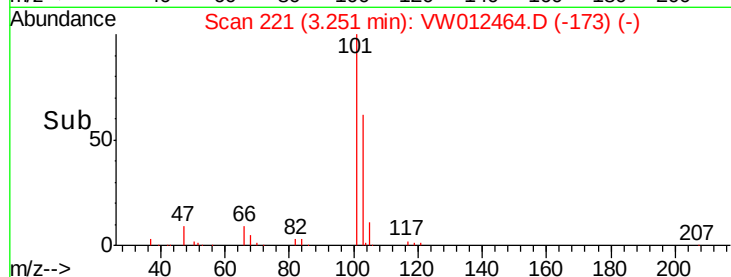
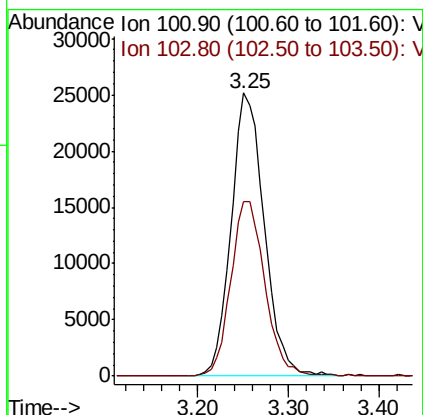
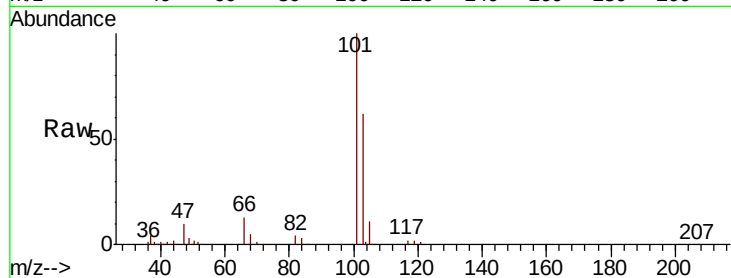


#7

Trichlorofluoromethane
 Concen: 60.156 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
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 VSTDCCC050

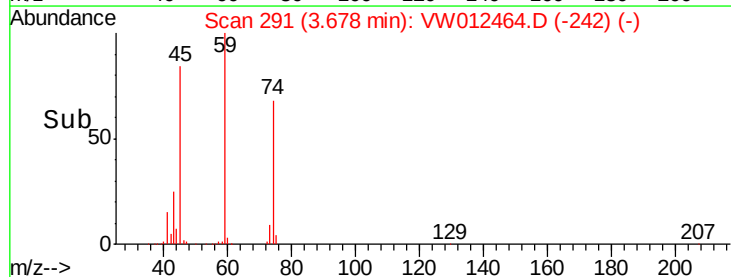
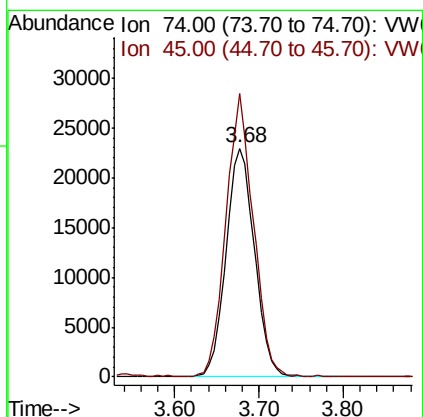
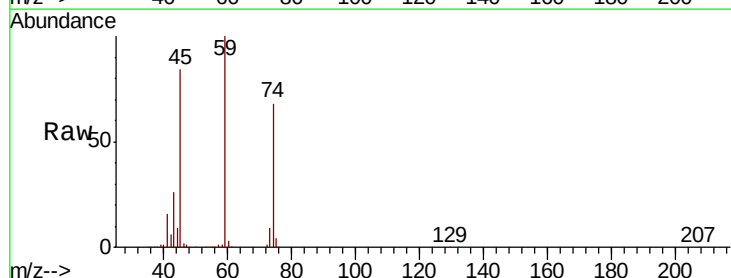
Tgt Ion:101 Resp: 63827
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.2 76.8

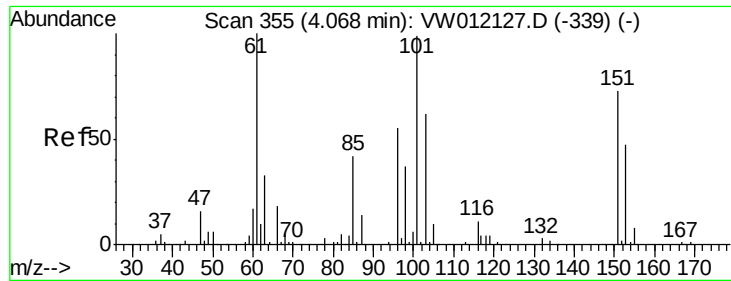


#8

Diethyl Ether
 Concen: 52.447 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Tgt Ion: 74 Resp: 52820
 Ion Ratio Lower Upper
 74 100
 45 118.5 59.2 177.6

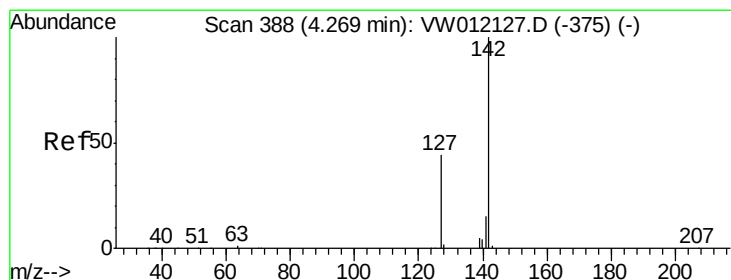
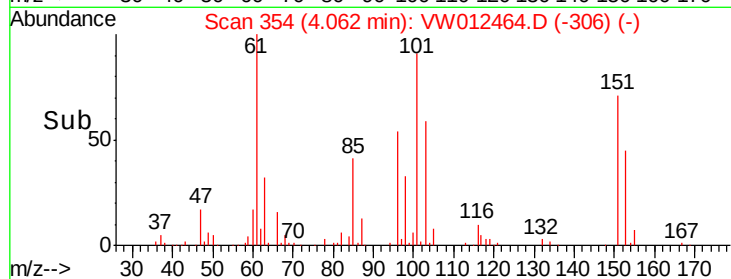
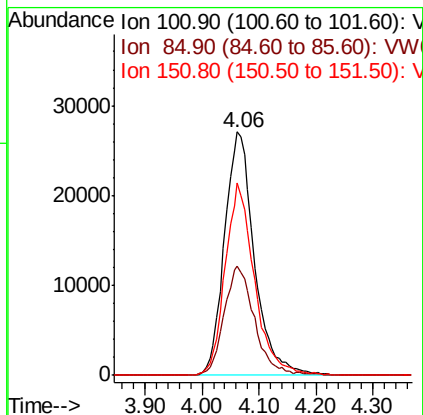
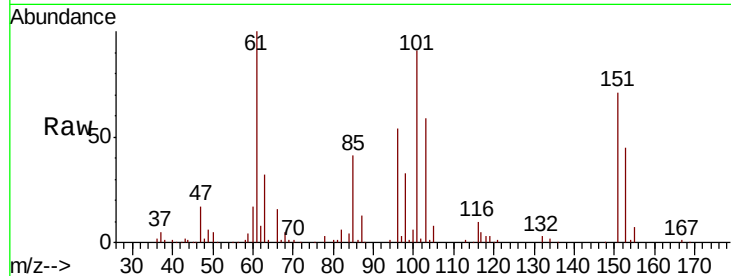




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 54.908 ug/l
 RT: 4.06 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VW012464.D
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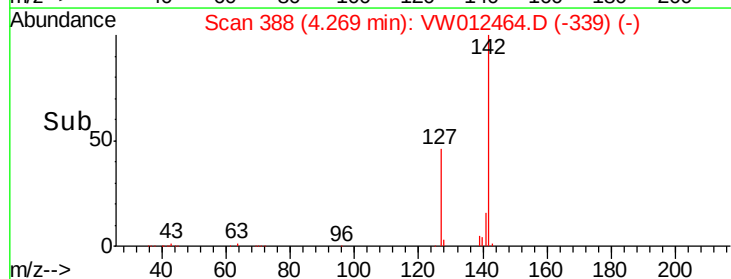
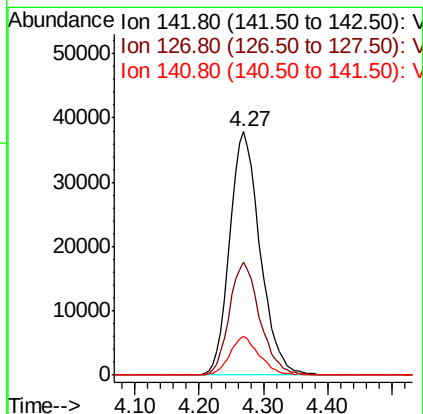
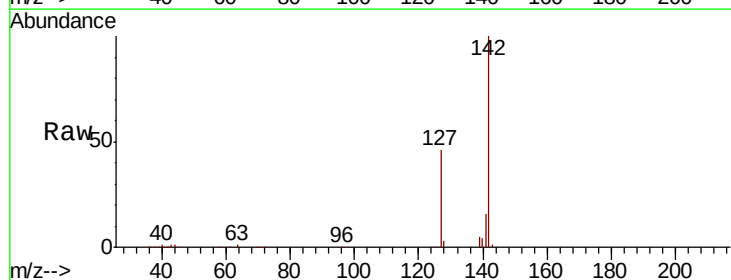
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 MSVOA_W
 ClientSampleId :
 VSTDCCC050

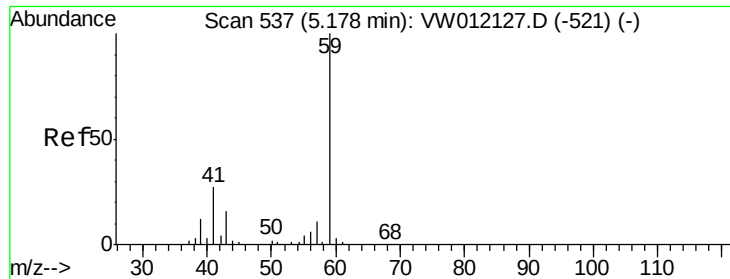
Tgt Ion:101 Resp: 99026
 Ion Ratio Lower Upper
 101 100
 85 45.6 35.8 53.6
 151 77.4 58.6 87.8



#10
 Methyl Iodide
 Concen: 51.093 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Tgt Ion:142 Resp: 124678
 Ion Ratio Lower Upper
 142 100
 127 46.5 35.5 53.3
 141 15.3 11.8 17.8

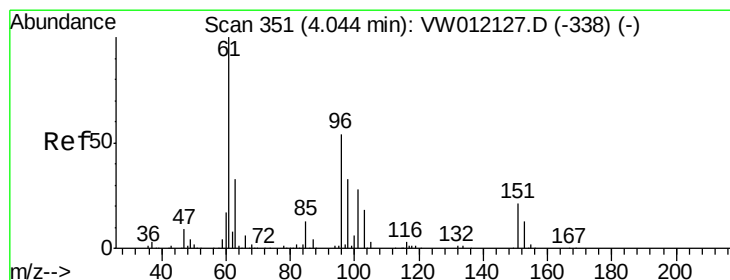
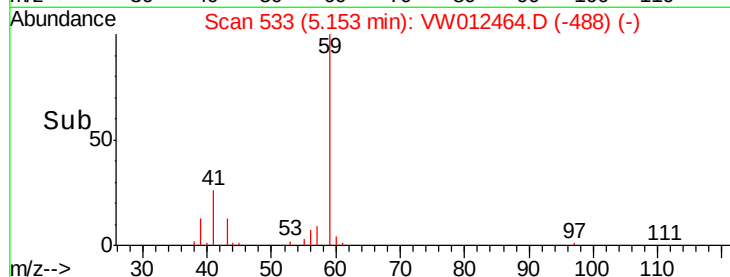
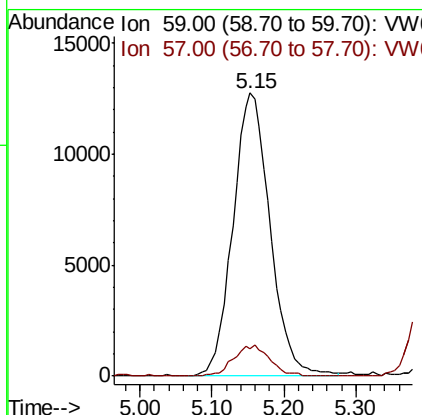
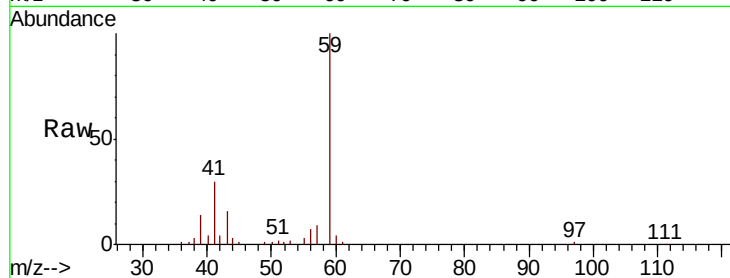




#11
Tert butyl alcohol
Concen: 352.520 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.02 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

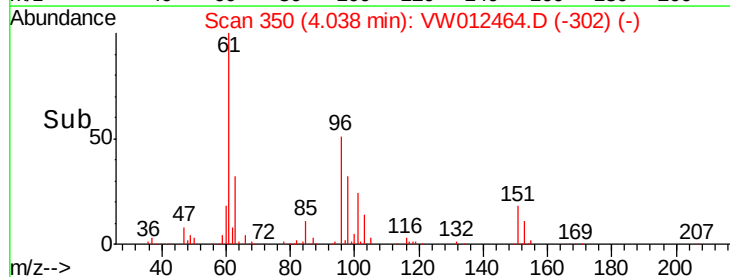
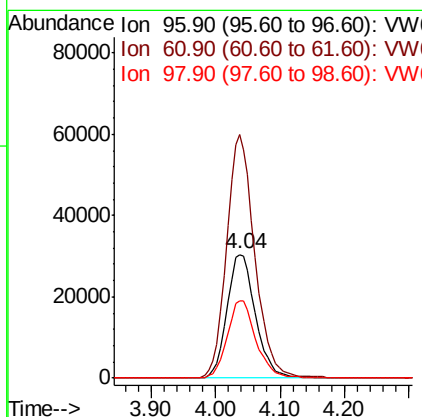
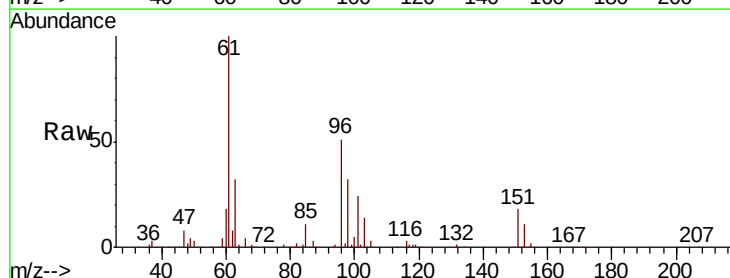
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

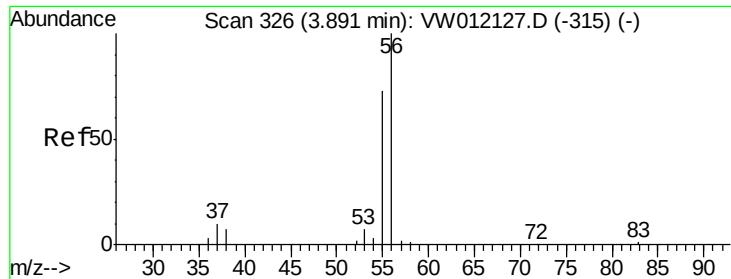
Tgt Ion: 59 Resp: 45639
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.4



#12
1,1-Dichloroethene
Concen: 52.128 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

Tgt Ion: 96 Resp: 94624
Ion Ratio Lower Upper
96 100
61 196.6 149.1 223.7
98 62.9 49.4 74.2





#13

Acrolein

Concen: 217.145 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

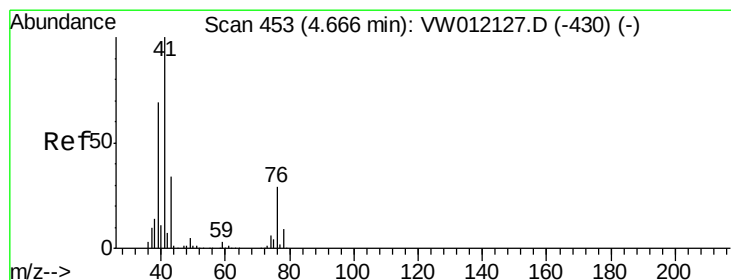
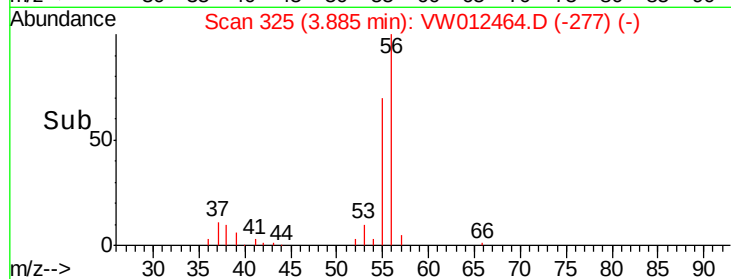
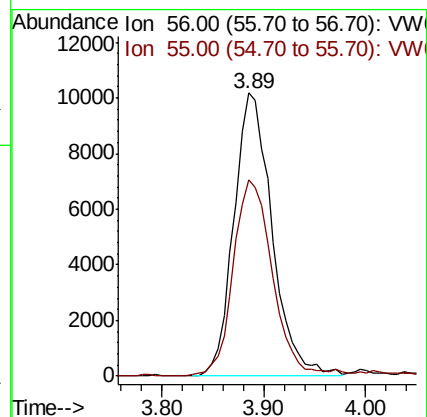
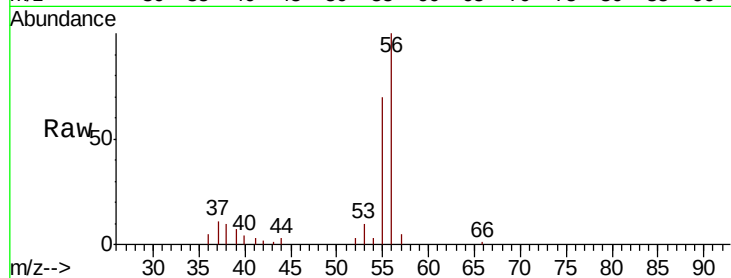
VSTDCCC050

Tgt Ion: 56 Resp: 26463

Ion Ratio Lower Upper

56 100

55 71.7 55.8 83.8



#14

Allyl chloride

Concen: 51.944 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

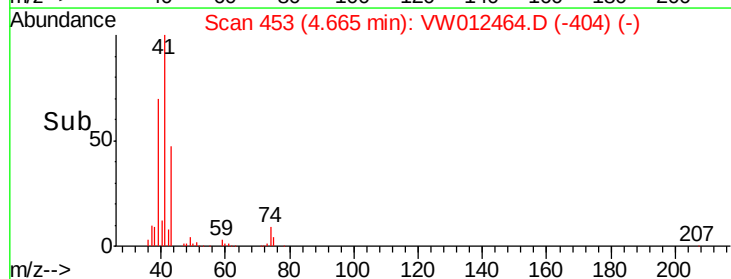
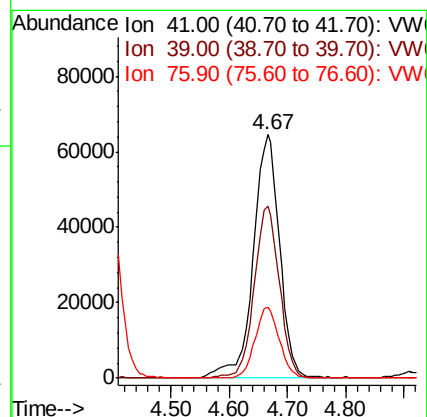
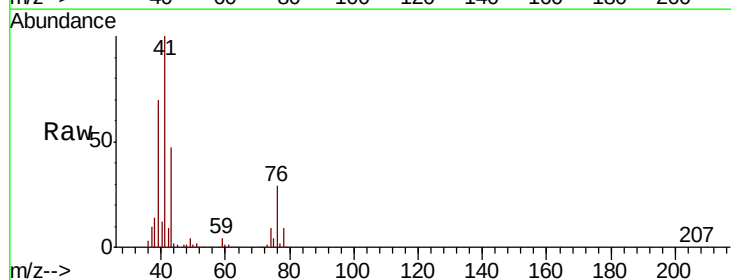
Tgt Ion: 41 Resp: 201579

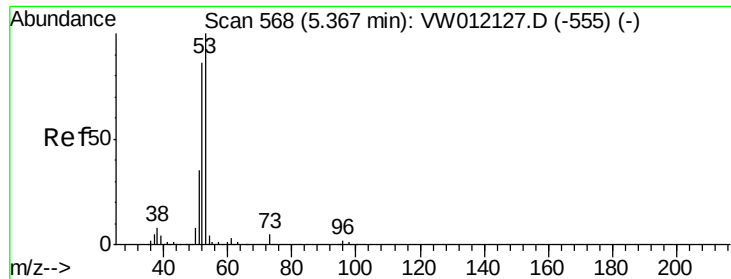
Ion Ratio Lower Upper

41 100

39 67.8 53.4 80.2

76 27.0 22.1 33.1





#15

Acrylonitrile

Concen: 310.824 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

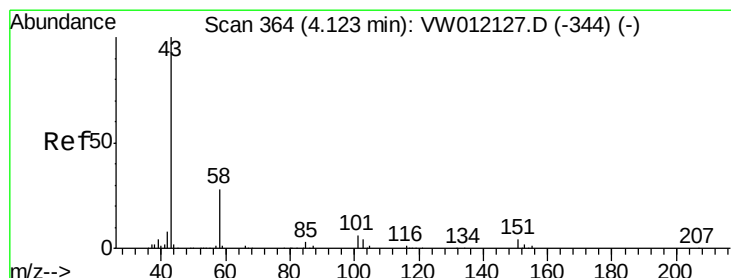
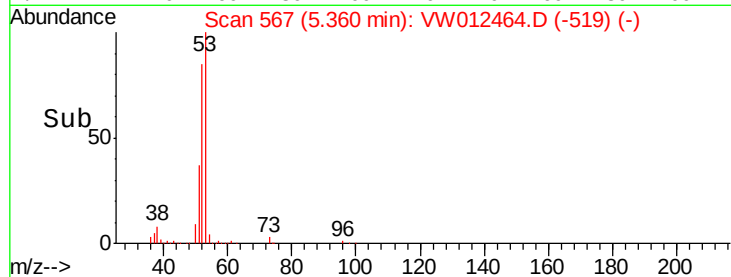
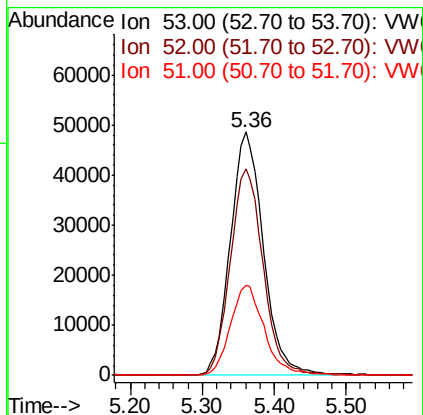
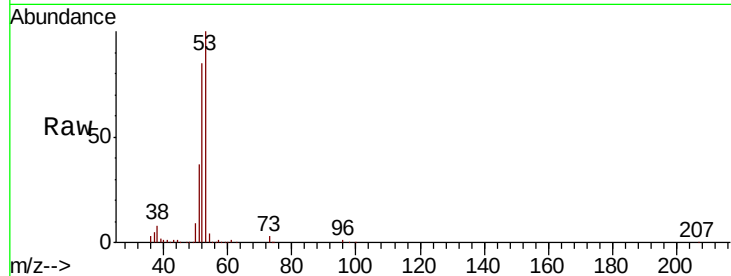
Tgt Ion: 53 Resp: 155158

Ion Ratio Lower Upper

53 100

52 84.1 66.7 100.1

51 38.1 30.1 45.1



#16

Acetone

Concen: 277.163 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012464.D

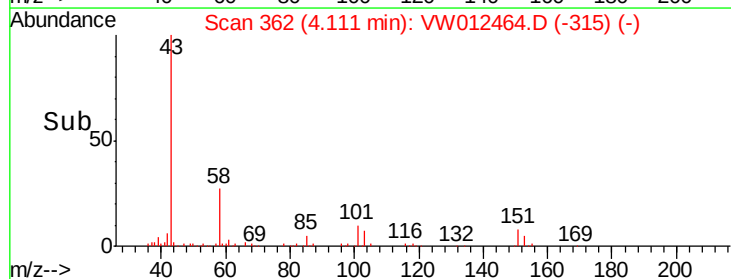
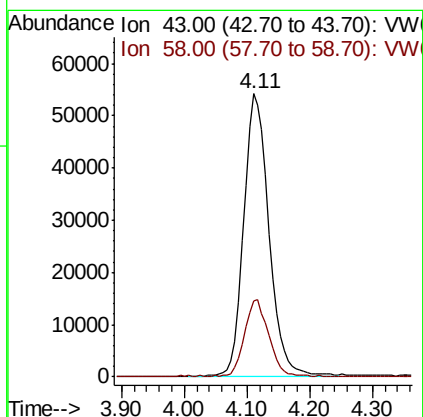
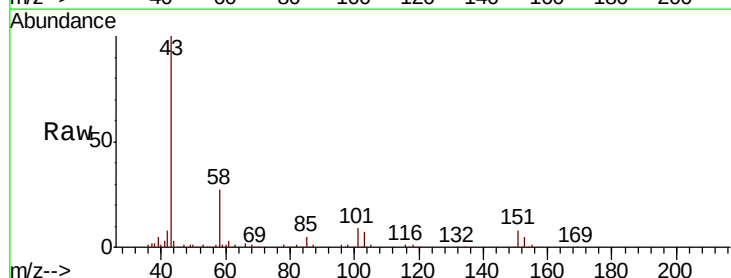
Acq: 01 Sep 2019 22:57

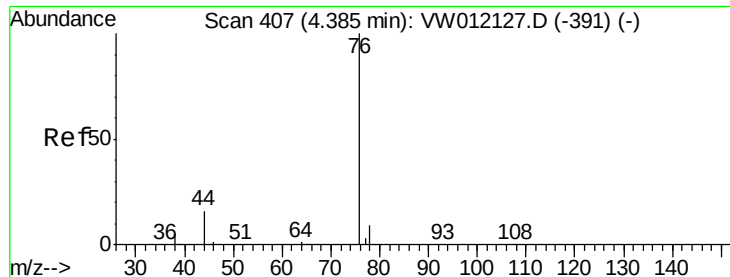
Tgt Ion: 43 Resp: 152418

Ion Ratio Lower Upper

43 100

58 26.7 22.4 33.6

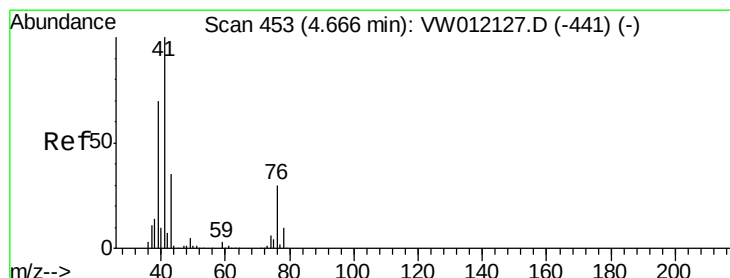
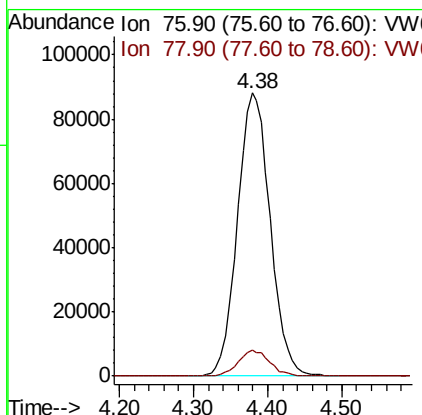
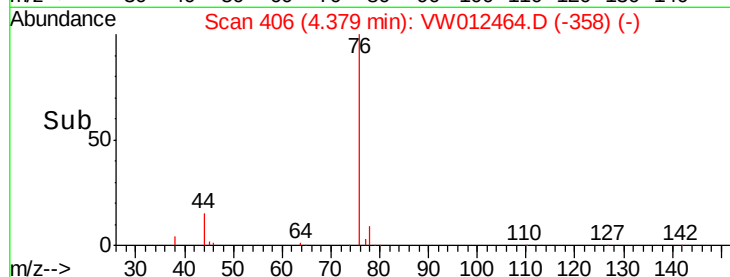
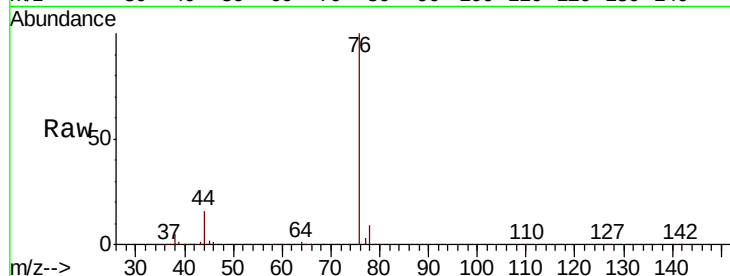




#17
Carbon Disulfide
Concen: 49.428 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

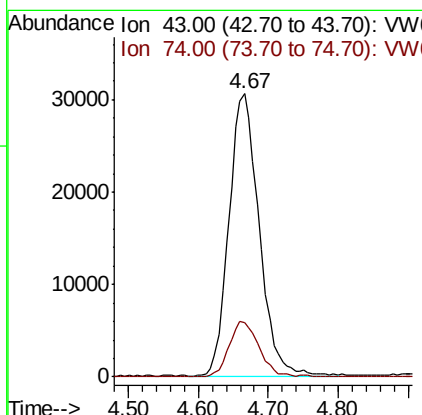
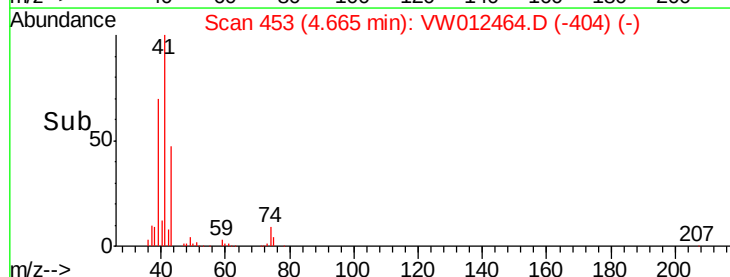
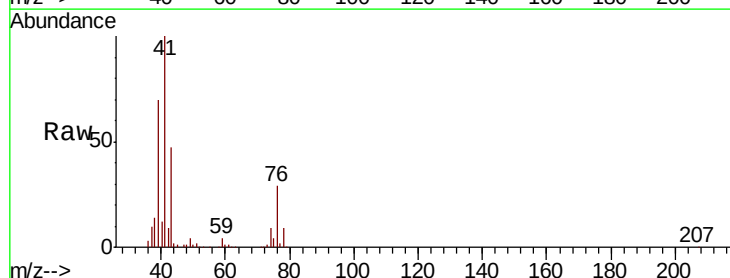
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

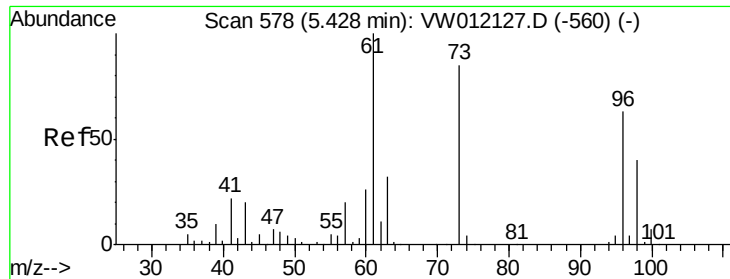
Tgt Ion: 76 Resp: 271162
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 67.337 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

Tgt Ion: 43 Resp: 91717
Ion Ratio Lower Upper
43 100
74 19.3 15.7 23.5

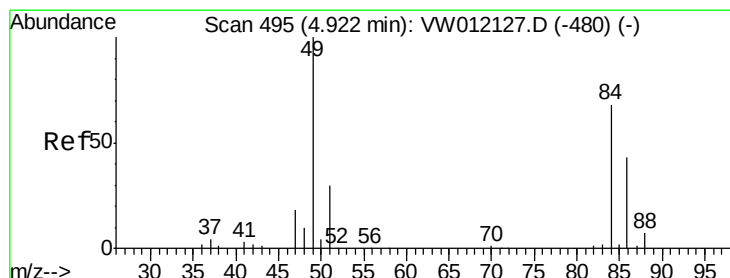
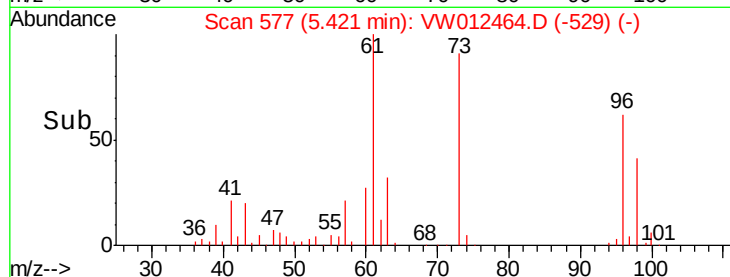
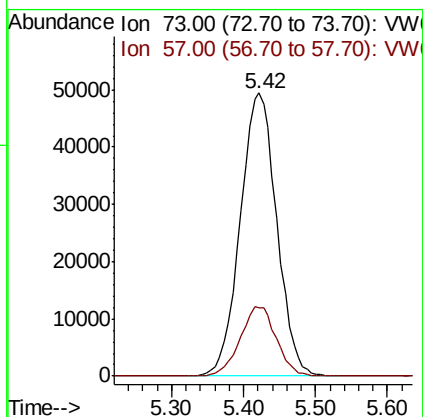
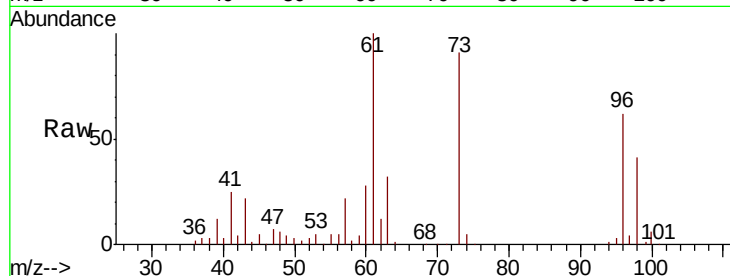




#19
Methyl tert-butyl Ether
Concen: 59.193 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

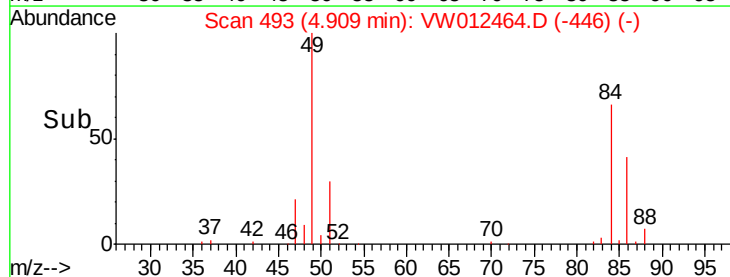
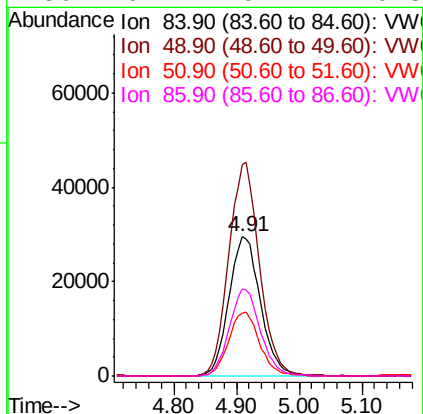
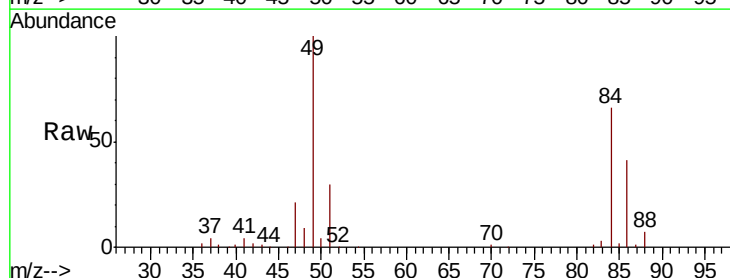
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

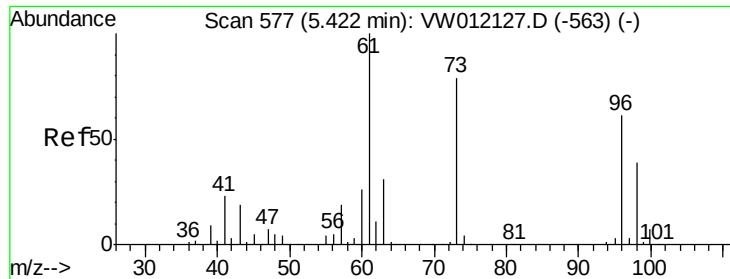
Tgt Ion: 73 Resp: 173763
Ion Ratio Lower Upper
73 100
57 24.3 18.9 28.3



#20
Methylene Chloride
Concen: 49.331 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

Tgt Ion: 84 Resp: 102555
Ion Ratio Lower Upper
84 100
49 151.7 117.8 176.8
51 45.2 35.6 53.4
86 62.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.399 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

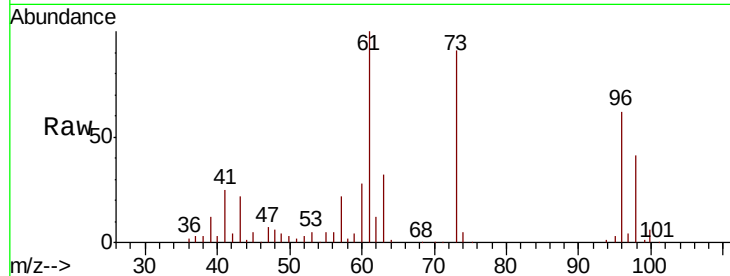
Tgt Ion: 96 Resp: 100052

Ion Ratio Lower Upper

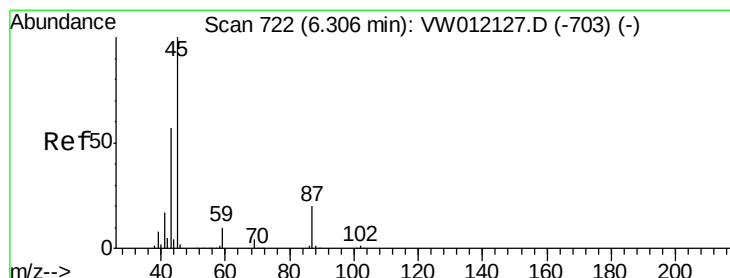
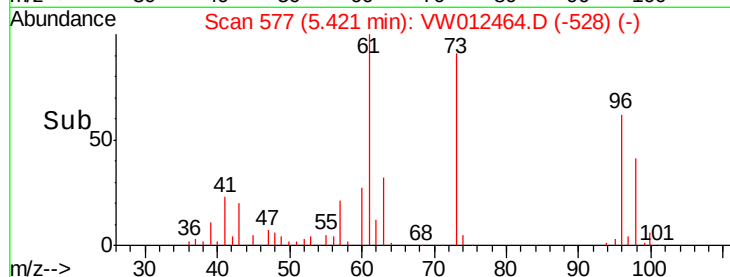
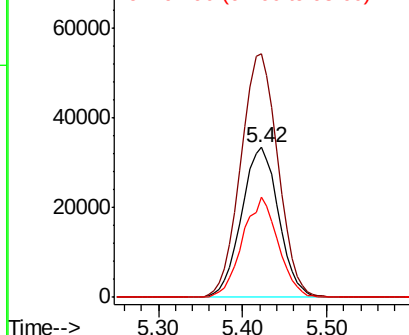
96 100

61 162.2 131.4 197.0

98 66.8 51.4 77.0



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



#22

Diisopropyl ether

Concen: 53.568 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Tgt Ion: 45 Resp: 385328

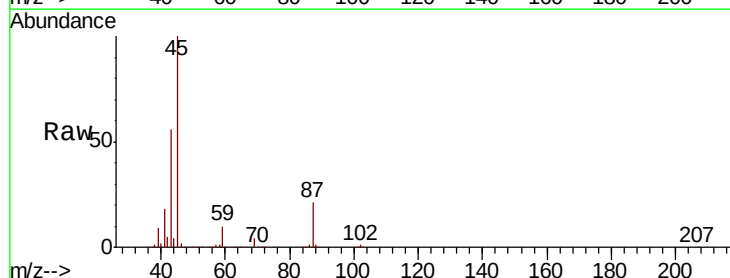
Ion Ratio Lower Upper

45 100

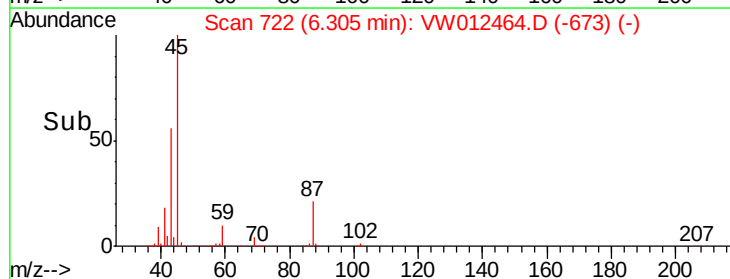
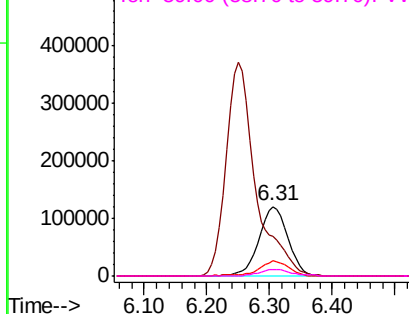
43 56.4 45.5 68.3

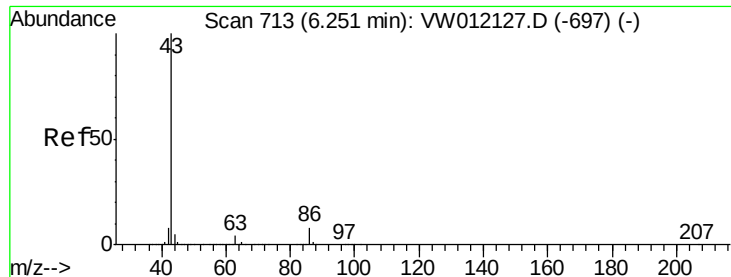
87 21.2 16.1 24.1

59 10.1 8.2 12.2



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





#23

Vinyl Acetate

Concen: 274.082 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

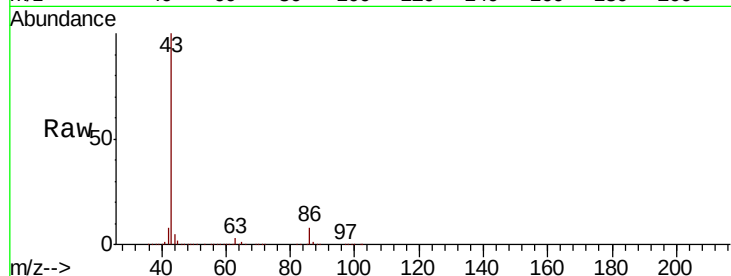
VSTDCCC050

Tgt Ion: 43 Resp: 1213316

Ion Ratio Lower Upper

43 100

86 8.0 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

400000

300000

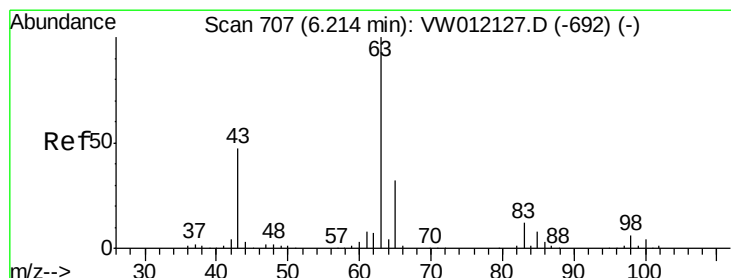
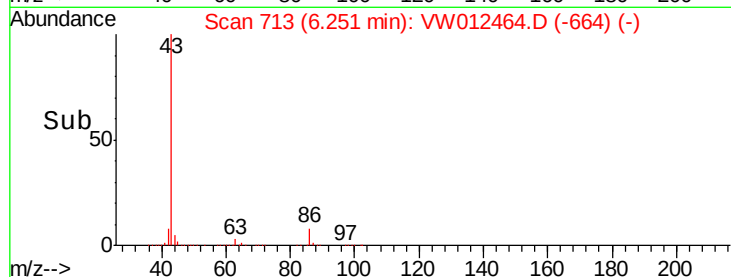
200000

100000

0

Time-->

6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 52.061 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

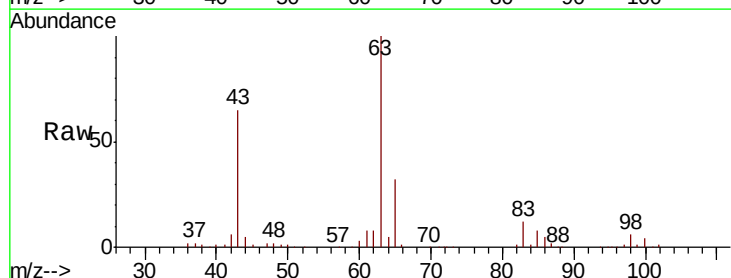
Tgt Ion: 63 Resp: 203902

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 4.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

80000

60000

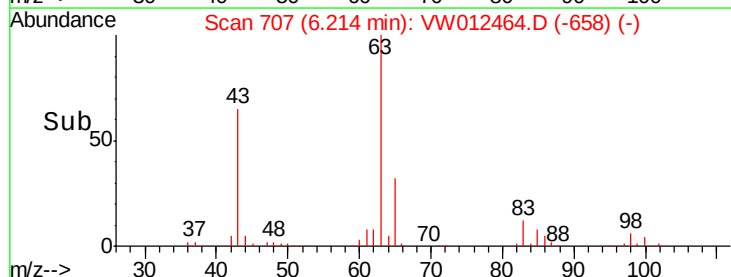
40000

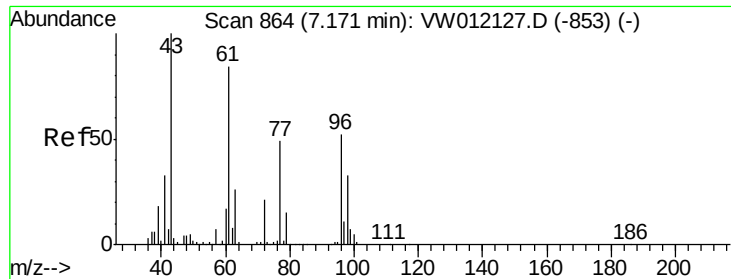
20000

0

Time-->

6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 294.737 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

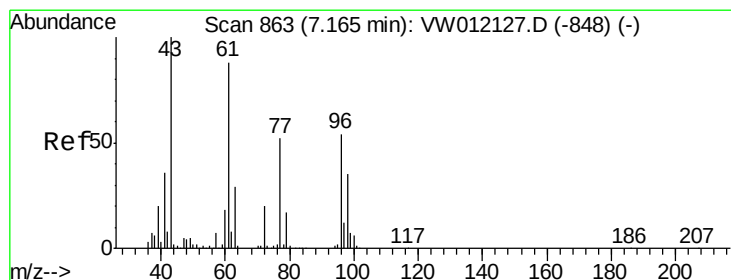
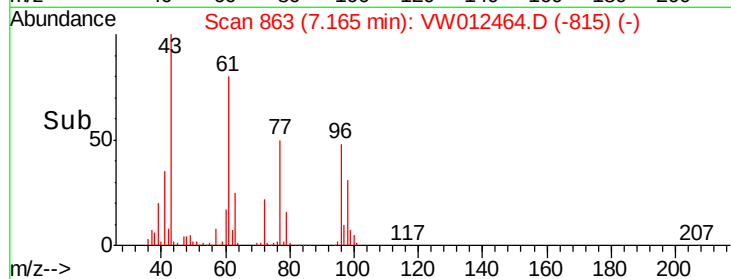
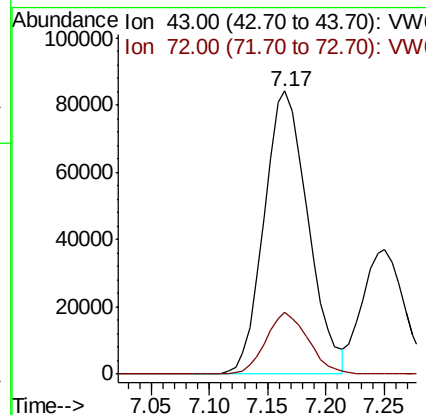
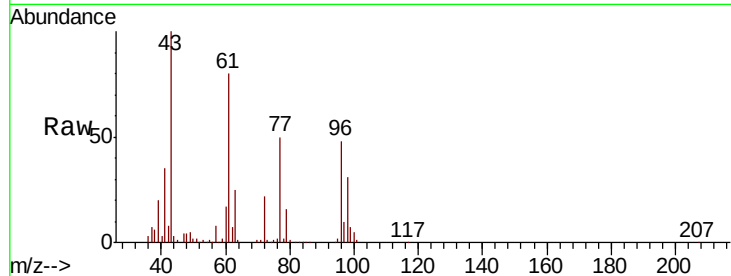
VSTDCCC050

Tgt Ion: 43 Resp: 220251

Ion Ratio Lower Upper

43 100

72 22.1 16.6 24.8



#26

2,2-Dichloropropane

Concen: 53.906 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012464.D

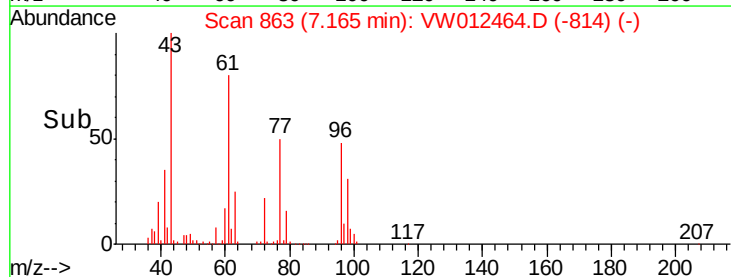
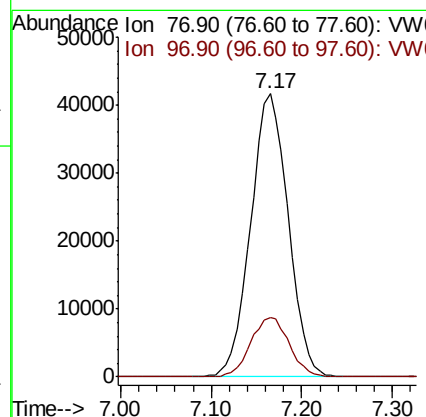
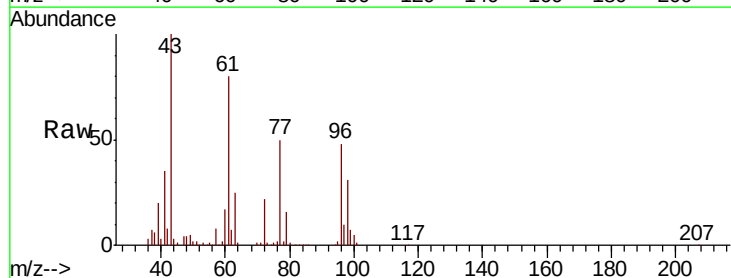
Acq: 01 Sep 2019 22:57

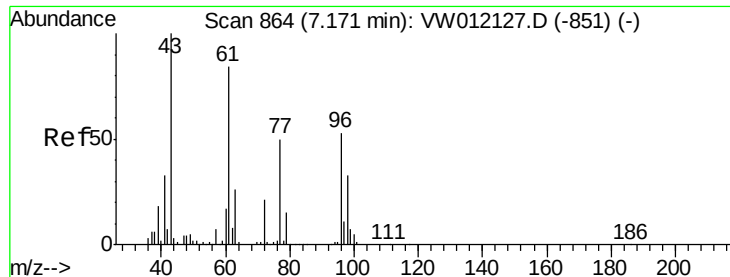
Tgt Ion: 77 Resp: 119500

Ion Ratio Lower Upper

77 100

97 21.5 11.1 33.1



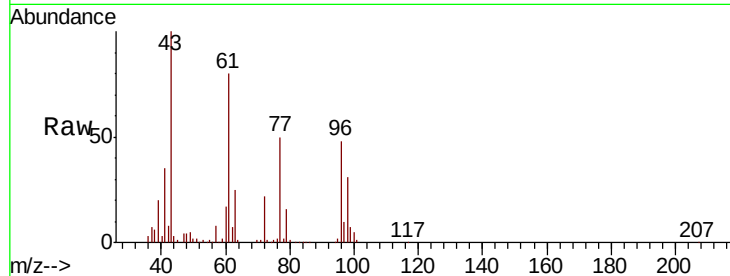


#27

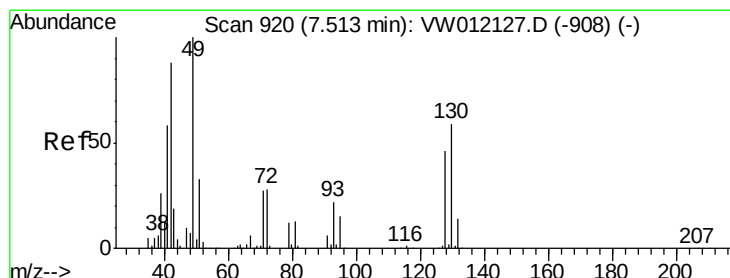
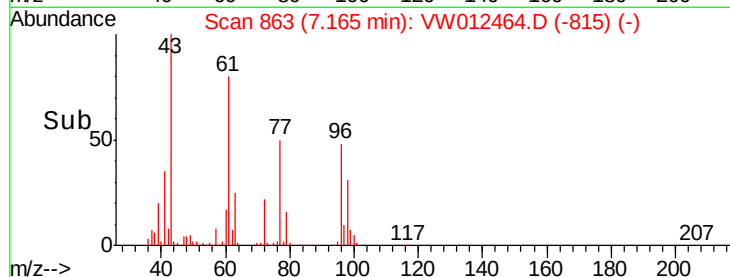
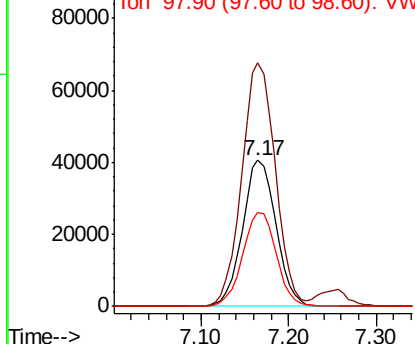
cis-1,2-Dichloroethene
 Concen: 51.934 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 108009
 Ion Ratio Lower Upper
 96 100
 61 167.3 0.0 326.6
 98 64.3 0.0 127.4



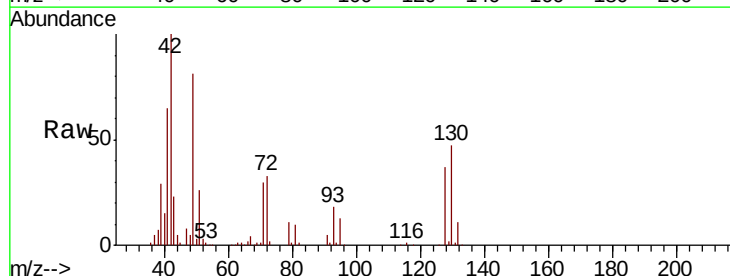
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



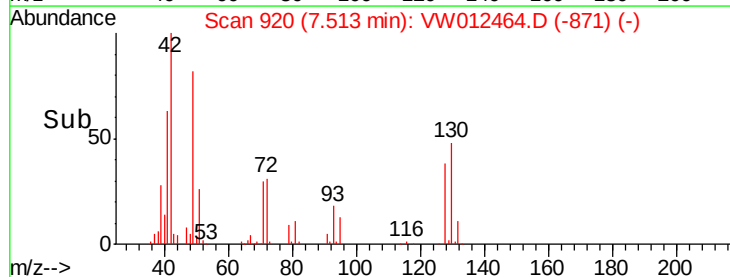
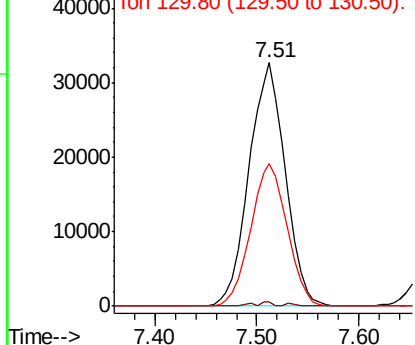
#28

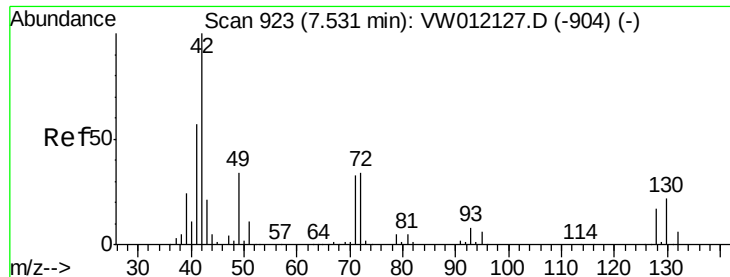
Bromochloromethane
 Concen: 47.284 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Tgt Ion: 49 Resp: 80716
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 1.4
 130 58.7 45.5 68.3



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

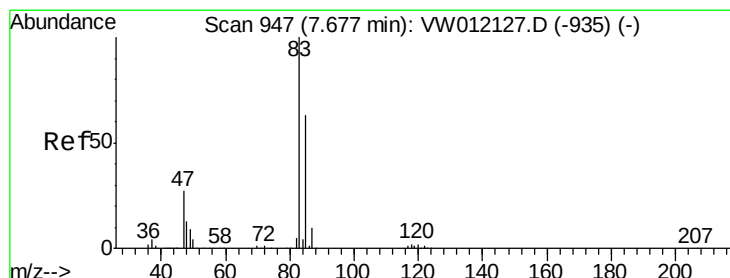
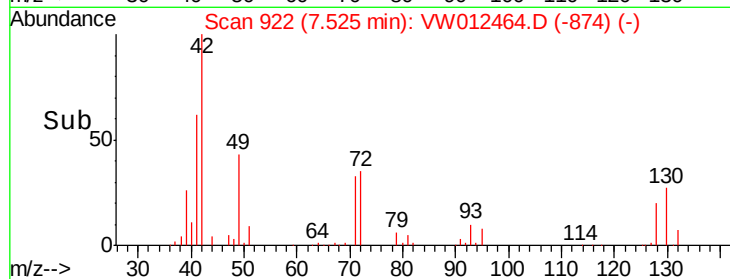
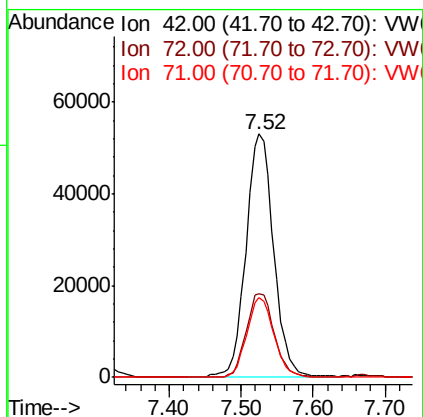
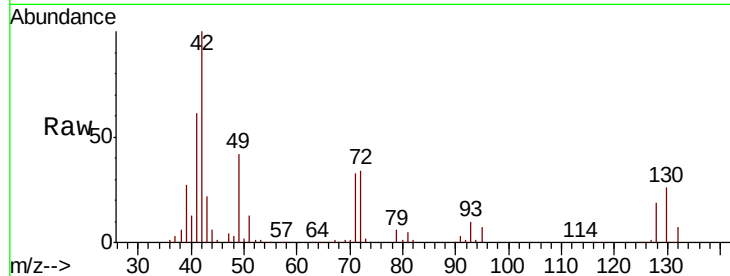




#29
Tetrahydrofuran
Concen: 314.909 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

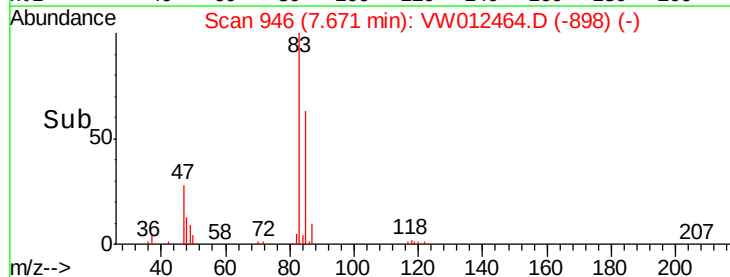
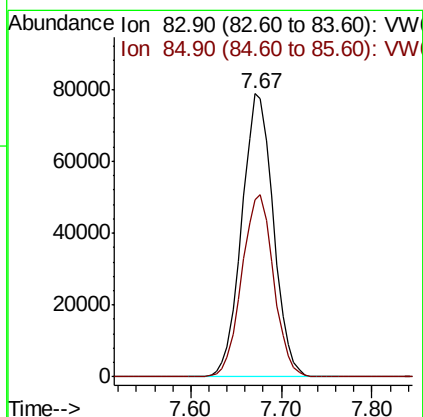
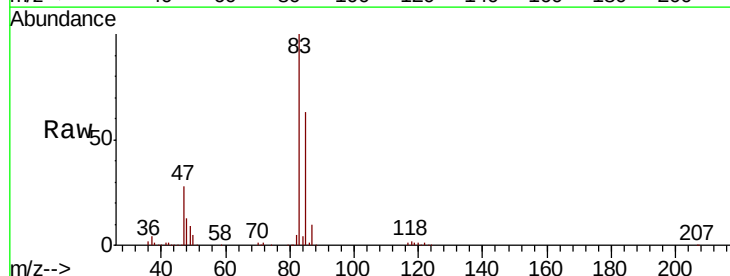
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

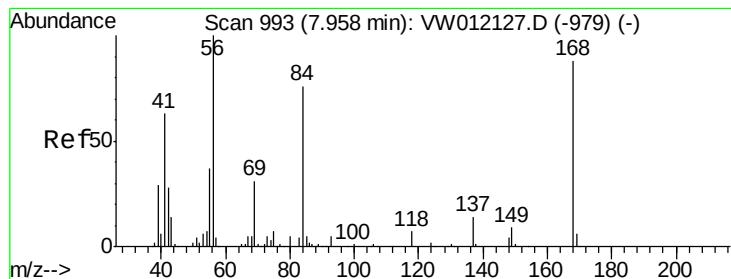
Tgt Ion: 42 Resp: 141185
Ion Ratio Lower Upper
42 100
72 34.9 27.3 40.9
71 32.3 25.5 38.3



#30
Chloroform
Concen: 52.957 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

Tgt Ion: 83 Resp: 189759
Ion Ratio Lower Upper
83 100
85 62.6 50.6 76.0





#31

Cyclohexane

Concen: 49.068 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

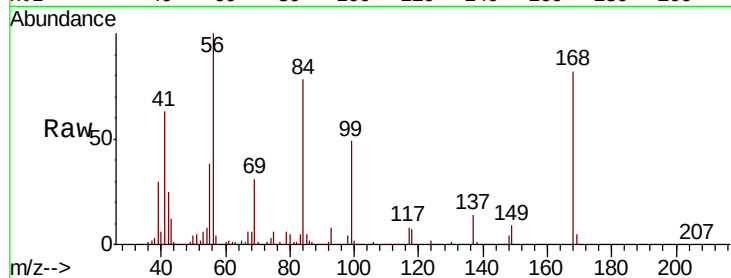
Tgt Ion: 56 Resp: 190137

Ion Ratio Lower Upper

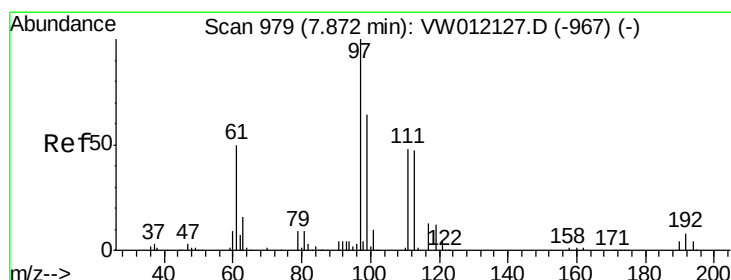
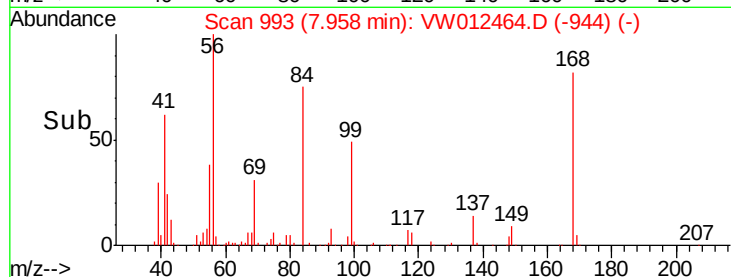
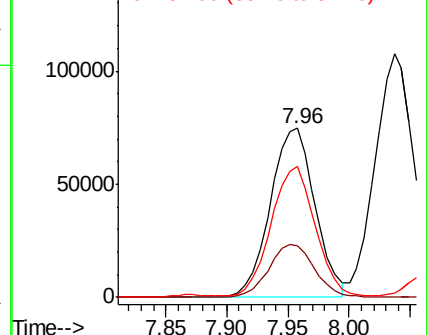
56 100

69 30.6 24.9 37.3

84 76.3 60.6 90.8



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



#32

1,1,1-Trichloroethane

Concen: 57.653 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

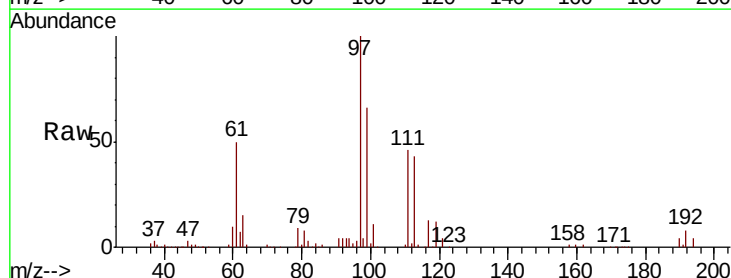
Tgt Ion: 97 Resp: 163425

Ion Ratio Lower Upper

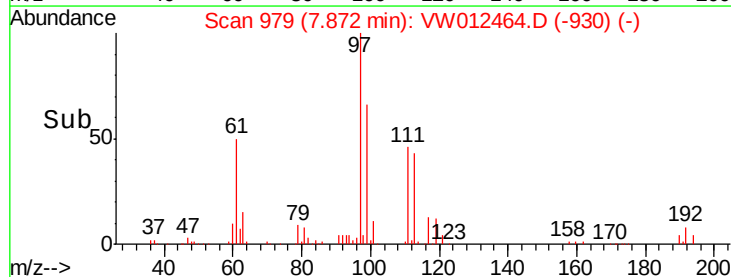
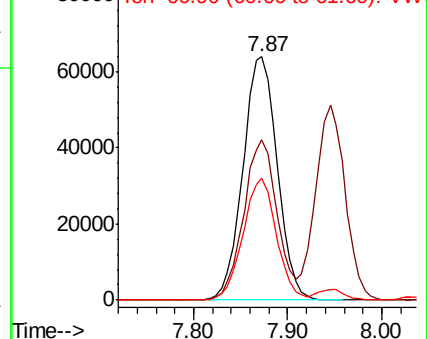
97 100

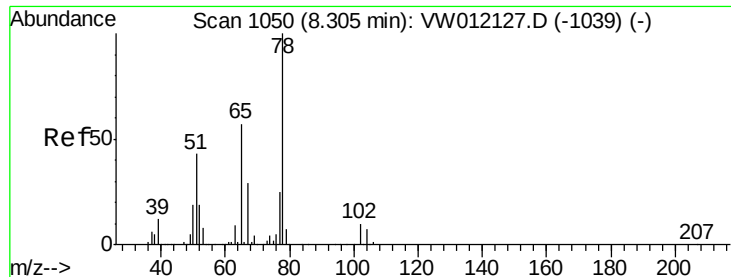
99 64.4 51.4 77.0

61 48.8 39.5 59.3



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

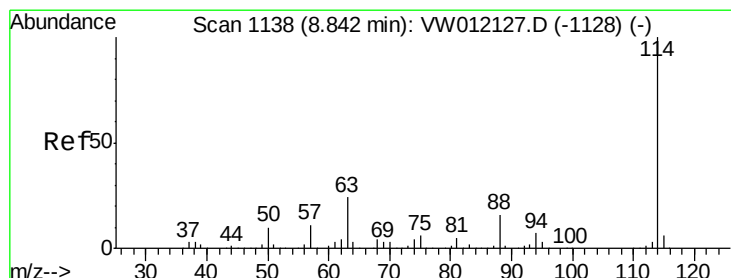
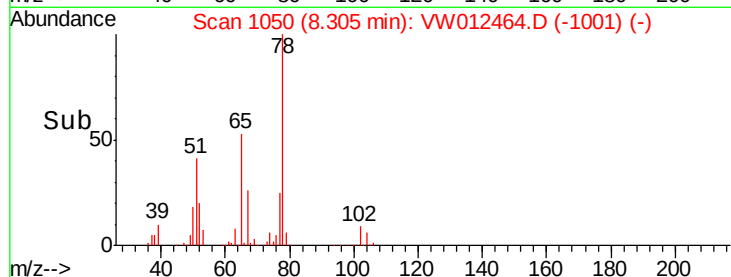
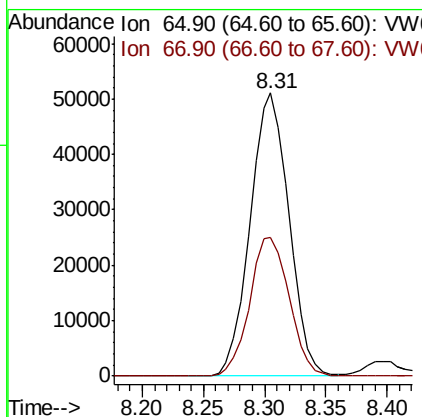
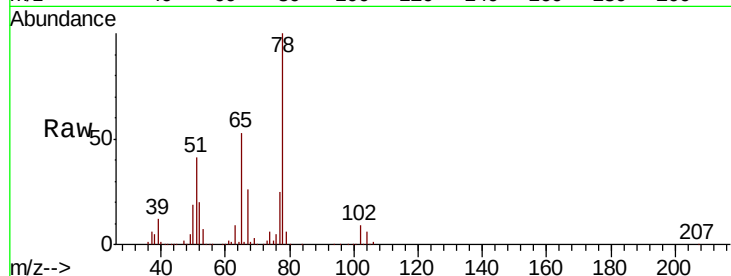




#33
 1,2-Dichloroethane-d4
 Concen: 52.349 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

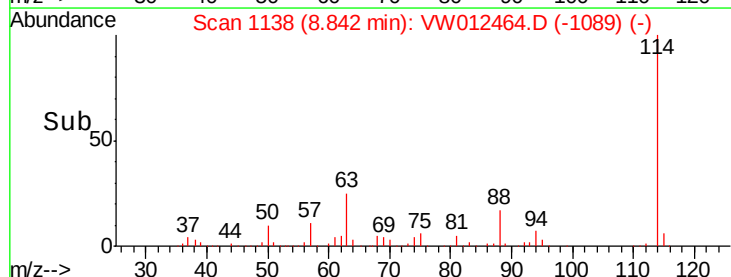
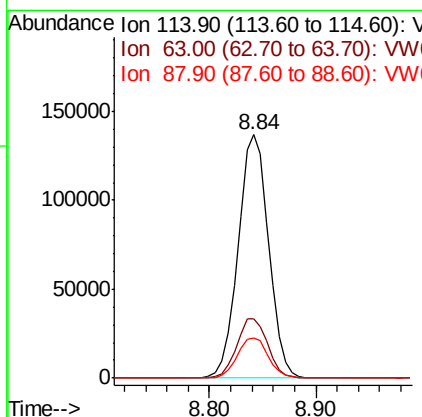
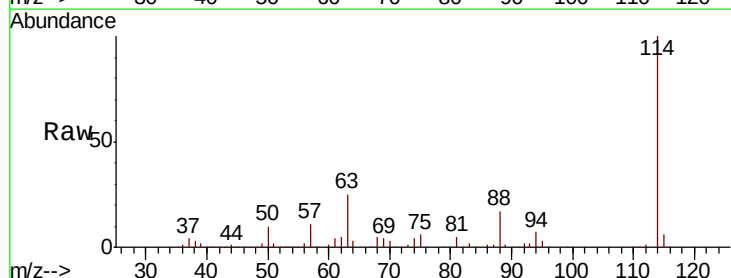
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

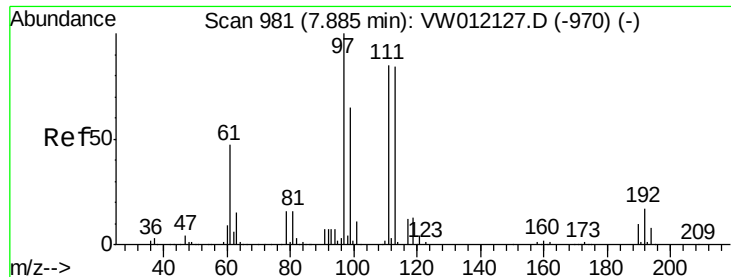
Tgt Ion: 65 Resp: 112620
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Tgt Ion: 114 Resp: 274532
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.6
 88 16.7 0.0 32.2

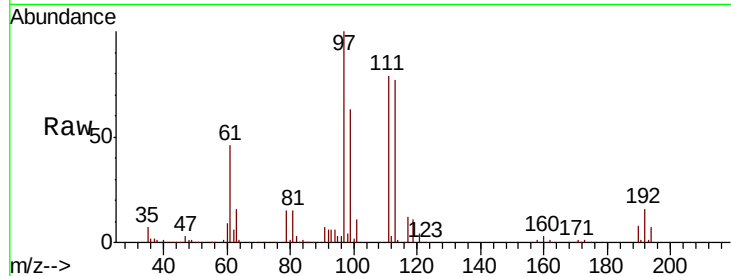




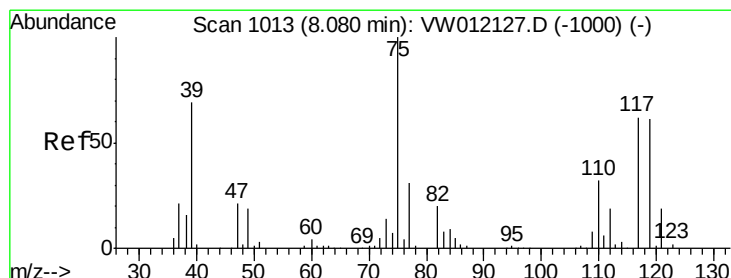
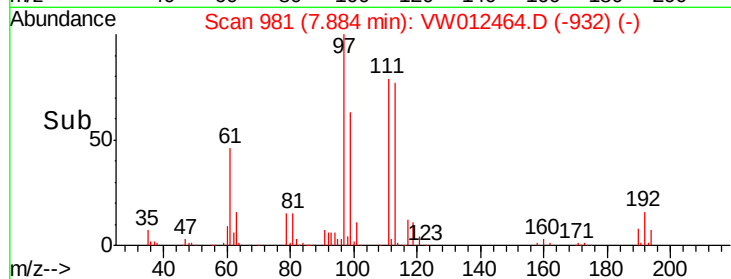
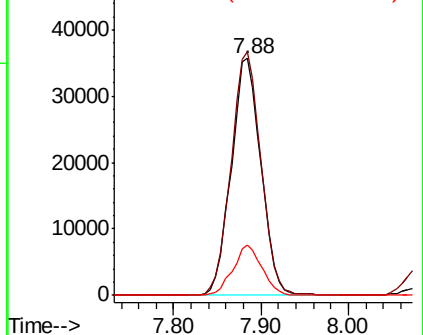
#35
 Dibromofluoromethane
 Concen: 51.532 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:113 Resp: 84445
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.7 124.1
 192 20.6 16.2 24.2

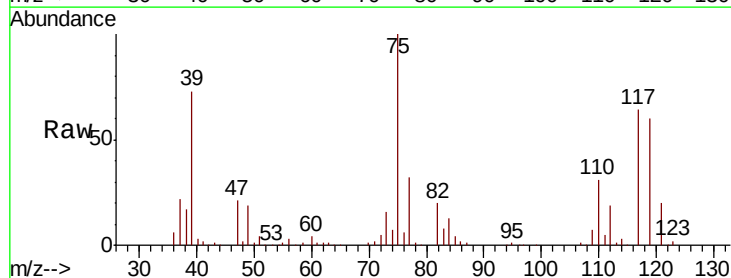


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

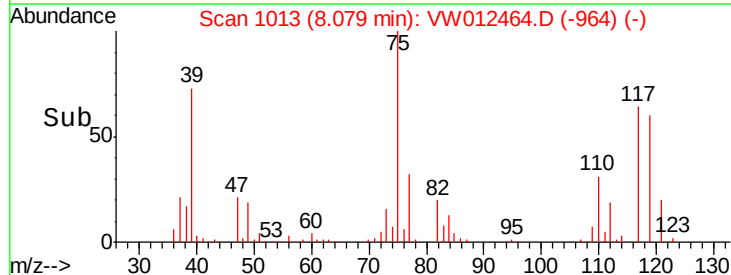
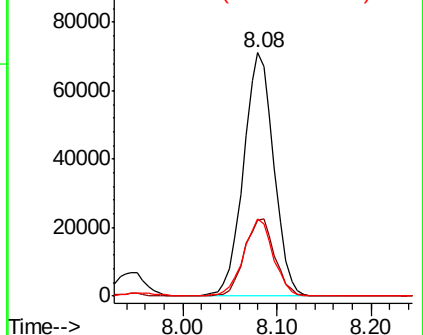


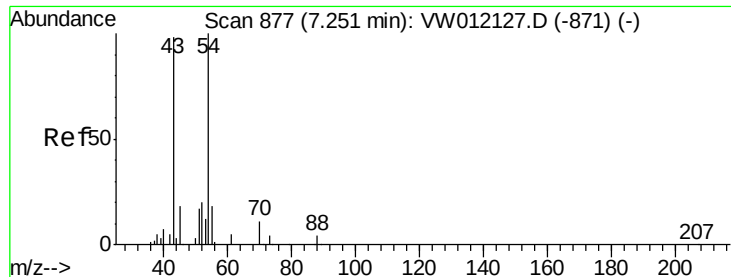
#36
 1,1-Dichloropropene
 Concen: 56.360 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Tgt Ion: 75 Resp: 159891
 Ion Ratio Lower Upper
 75 100
 110 31.7 15.6 46.8
 77 31.4 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

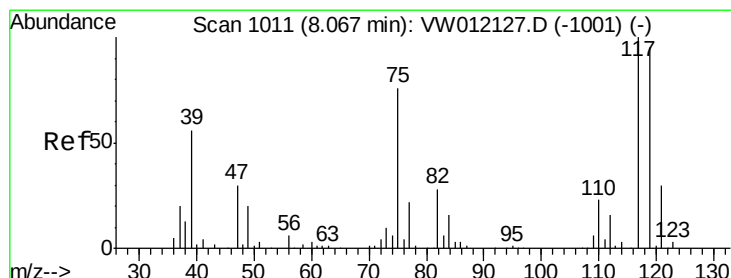
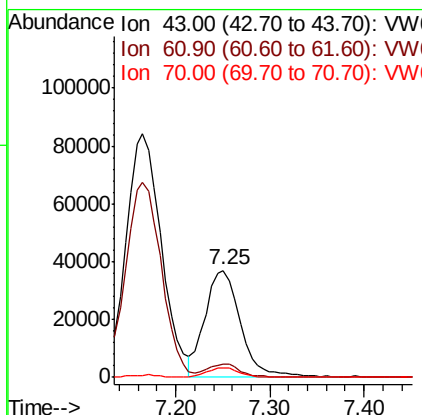
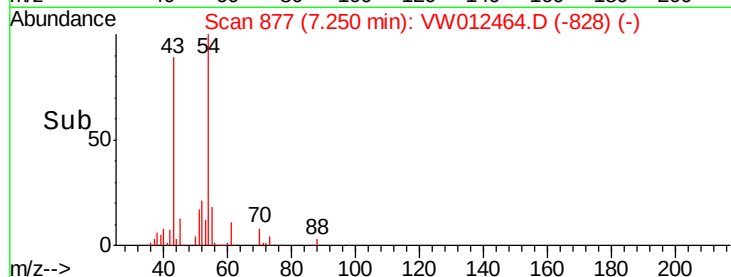
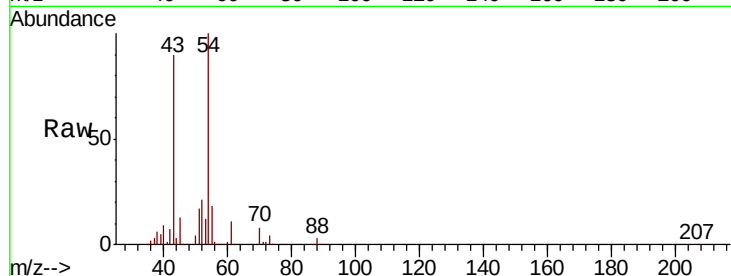




#37
Ethyl Acetate
Concen: 61.200 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

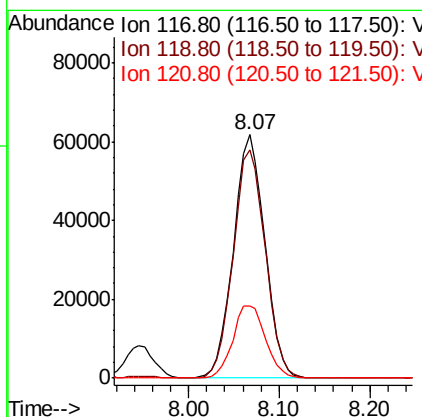
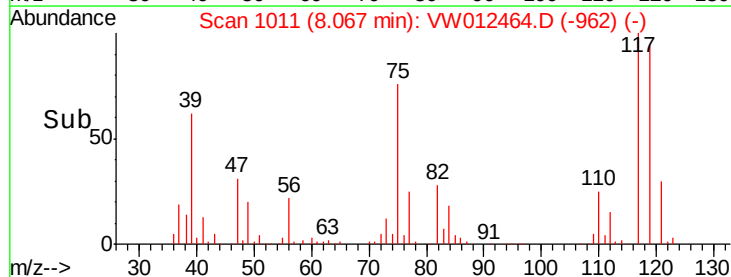
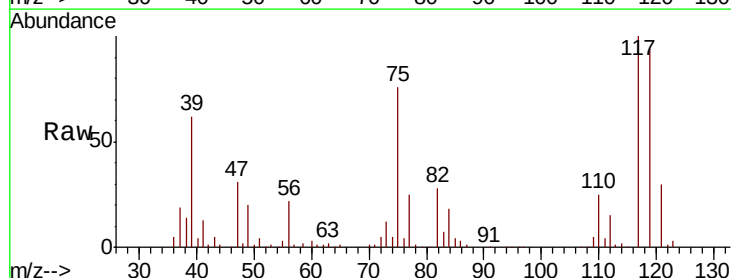
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

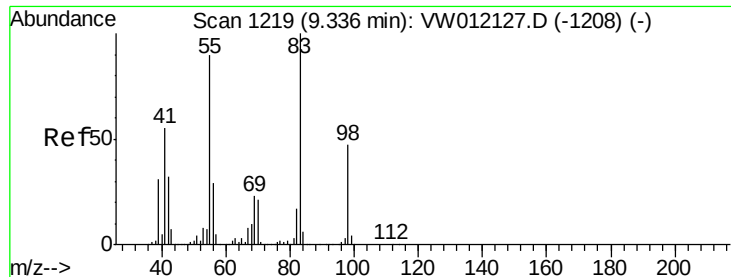
Tgt Ion: 43 Resp: 95142
Ion Ratio Lower Upper
43 100
61 11.5 9.2 13.8
70 8.6 6.9 10.3



#38
Carbon Tetrachloride
Concen: 60.457 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

Tgt Ion: 117 Resp: 148451
Ion Ratio Lower Upper
117 100
119 93.8 76.2 114.2
121 29.8 23.8 35.8

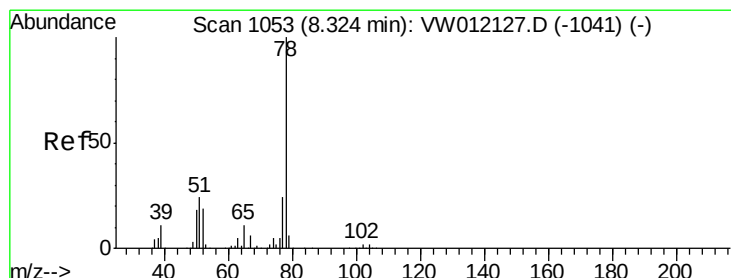
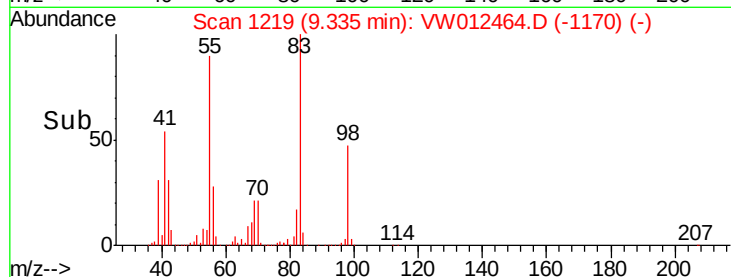
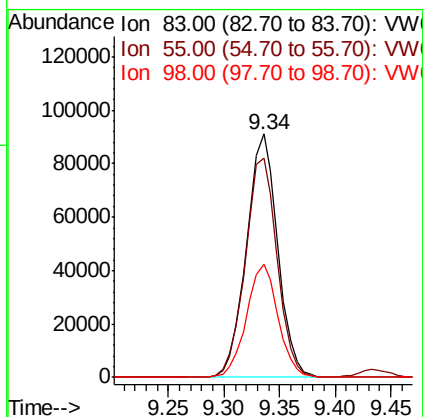
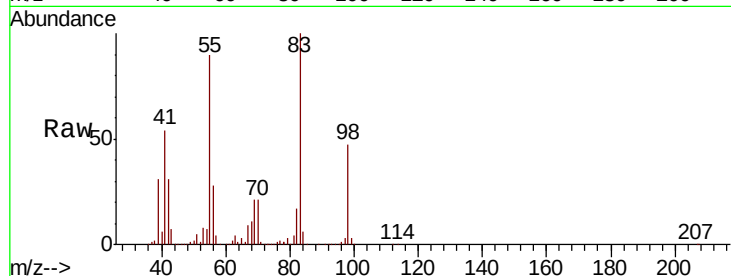




#39
Methylcyclohexane
Concen: 55.890 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

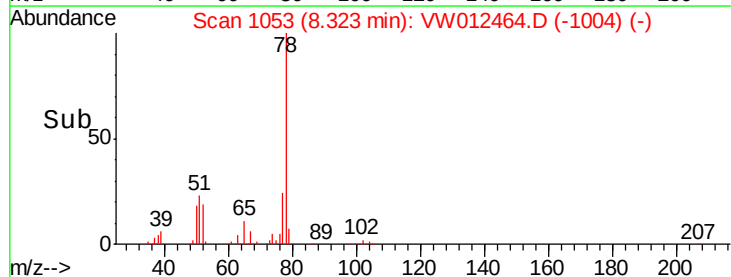
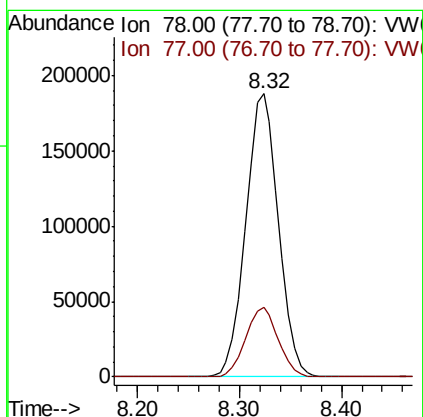
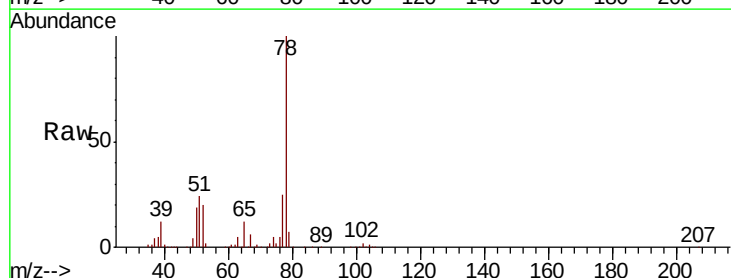
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

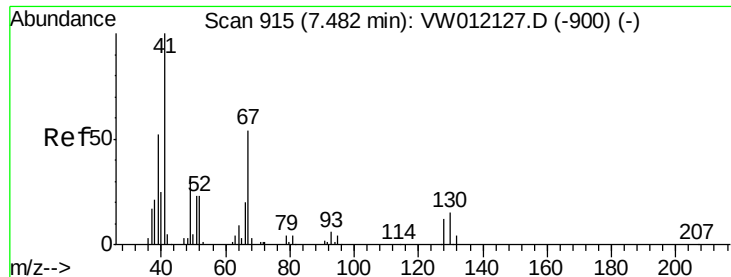
Tgt Ion: 83 Resp: 178127
Ion Ratio Lower Upper
83 100
55 90.3 71.8 107.8
98 46.6 37.8 56.8



#40
Benzene
Concen: 53.981 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

Tgt Ion: 78 Resp: 418165
Ion Ratio Lower Upper
78 100
77 24.5 19.5 29.3

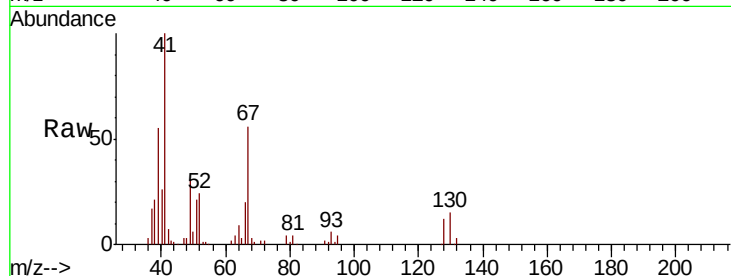




#41
Methacrylonitrile
Concen: 67.886 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	62028
Ion	Ratio	Lower	Upper
41	100		
39	52.5	45.8	68.8
67	55.6	46.2	69.4
52	26.0	21.0	31.6



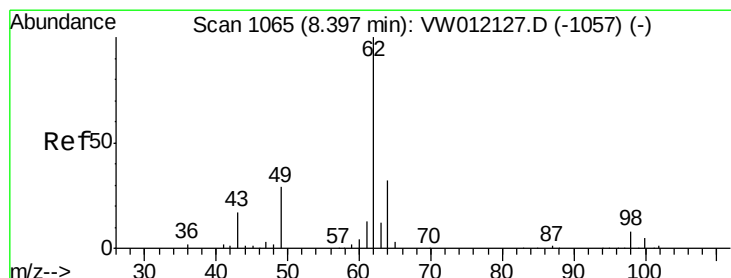
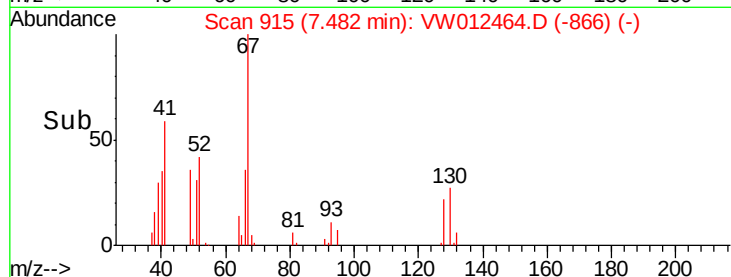
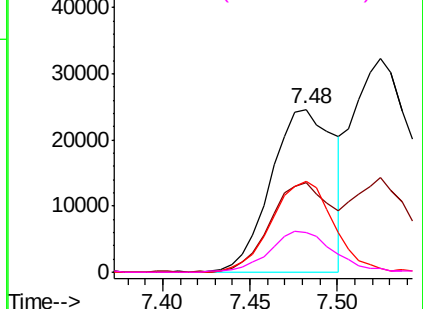
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

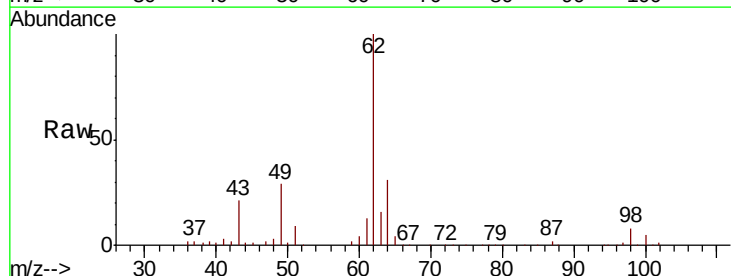
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 60.181 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

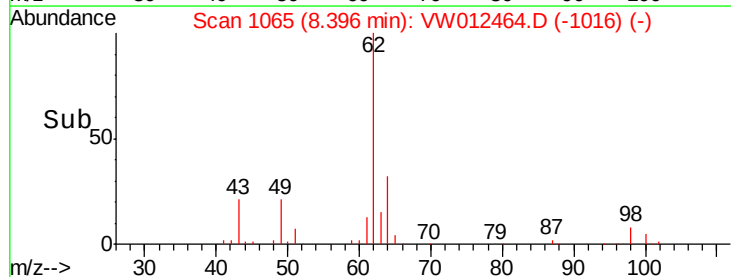
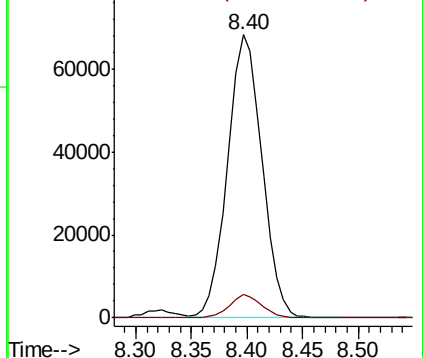
Tgt Ion:	62	Resp:	146110
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.6

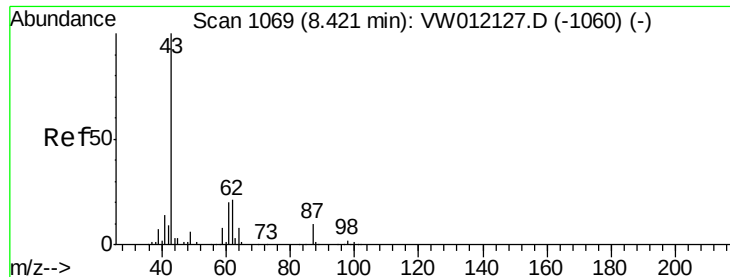


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 61.307 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

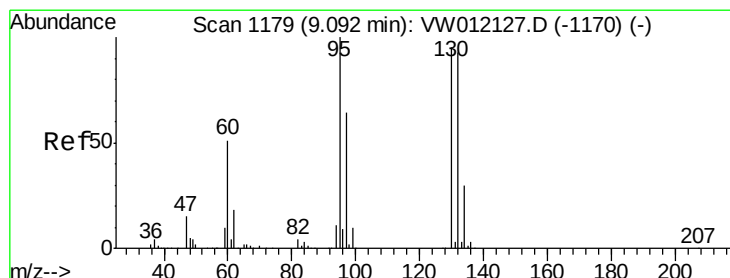
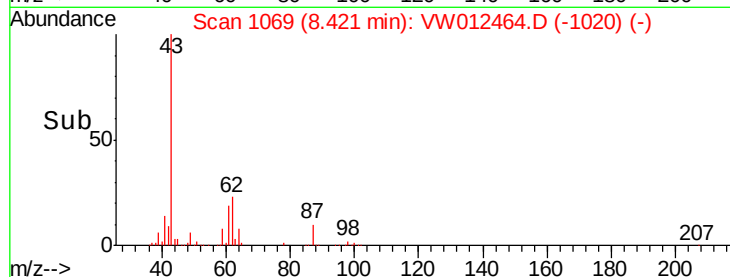
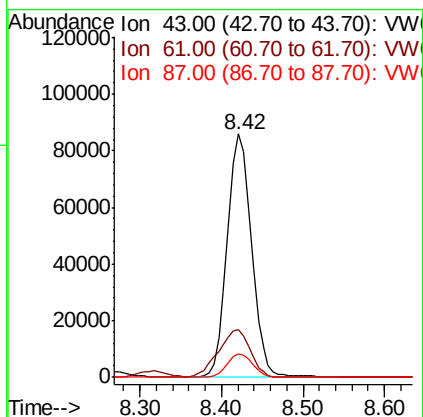
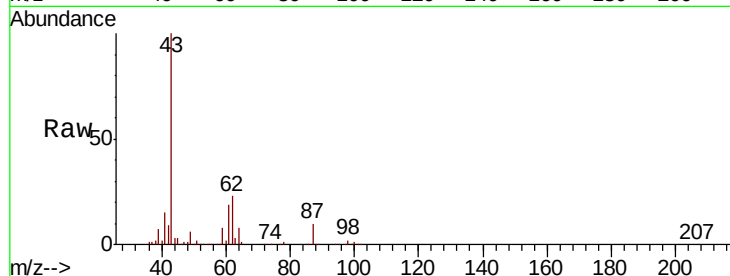
Tgt Ion: 43 Resp: 176542

Ion Ratio Lower Upper

43 100

61 25.9 21.1 31.7

87 10.0 8.2 12.2



#44

Trichloroethene

Concen: 55.902 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012464.D

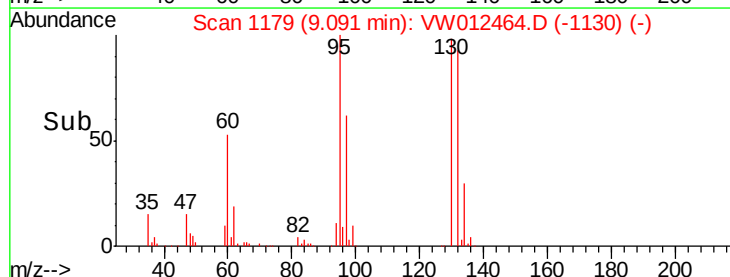
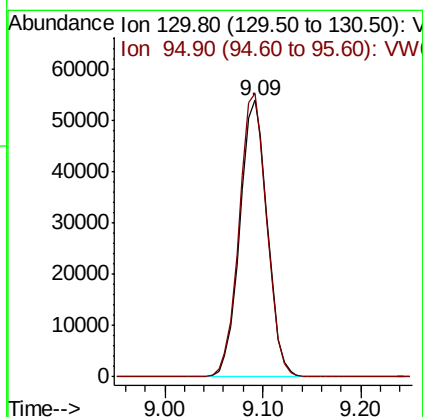
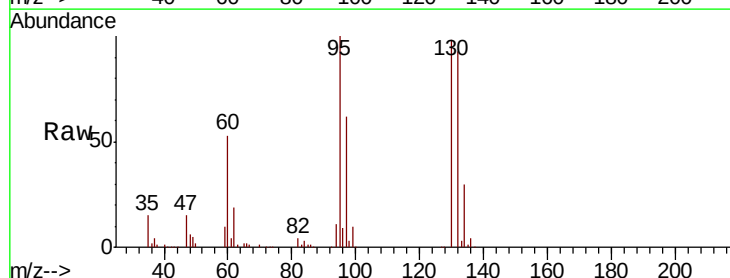
Acq: 01 Sep 2019 22:57

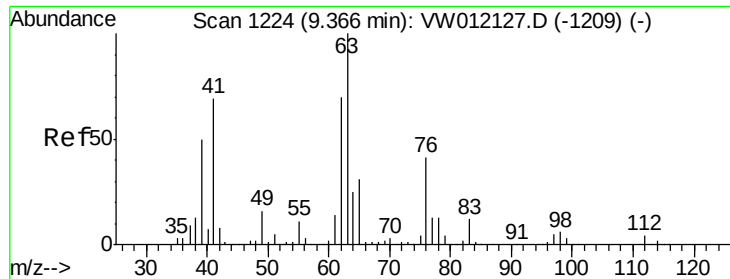
Tgt Ion: 130 Resp: 105272

Ion Ratio Lower Upper

130 100

95 102.2 0.0 210.6

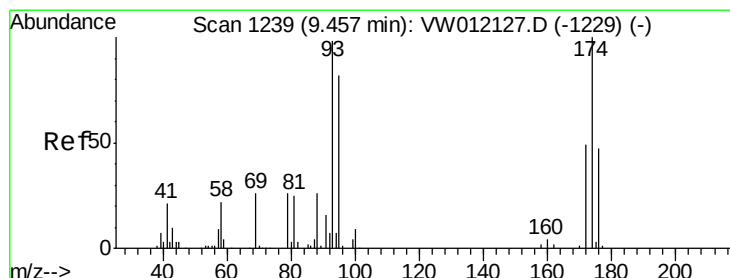
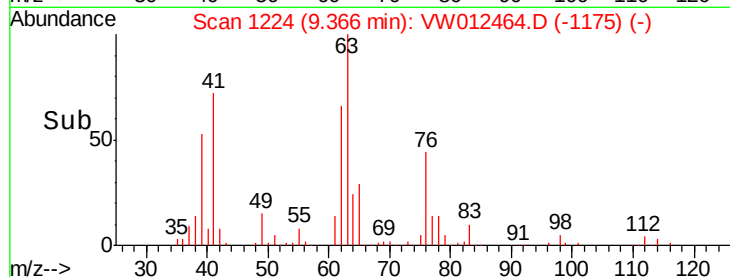
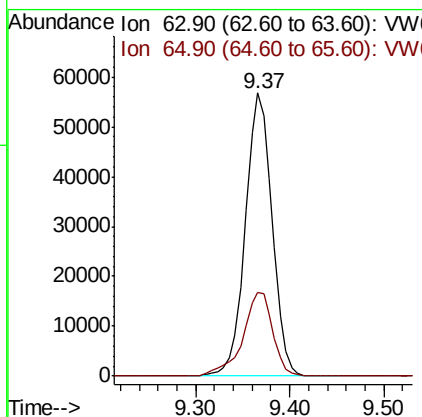
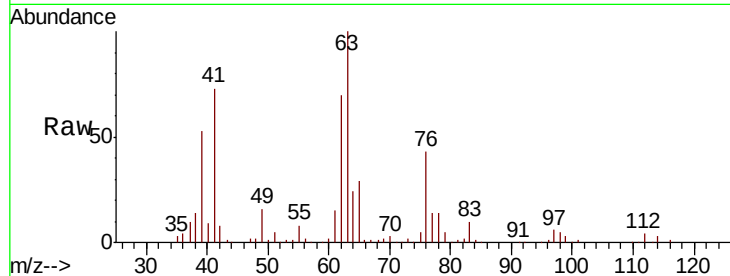




#45
 1,2-Dichloropropane
 Concen: 54.293 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

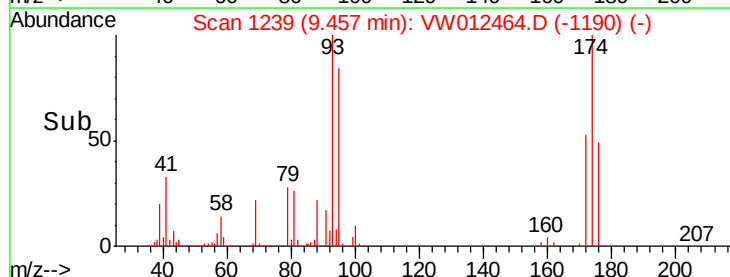
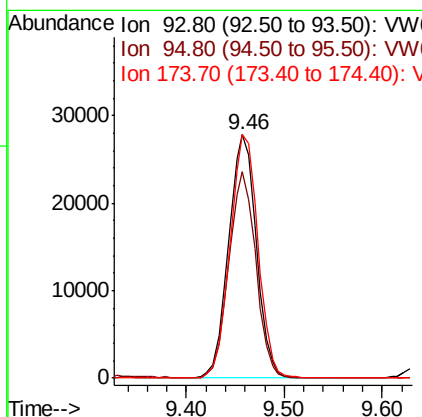
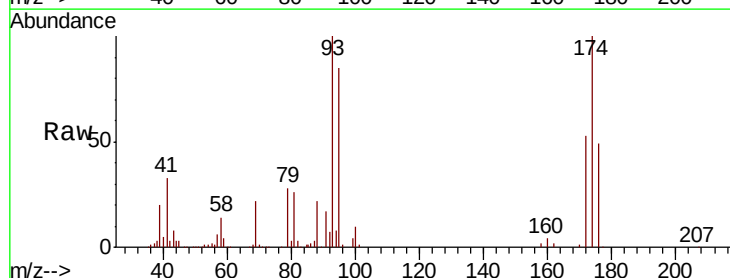
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

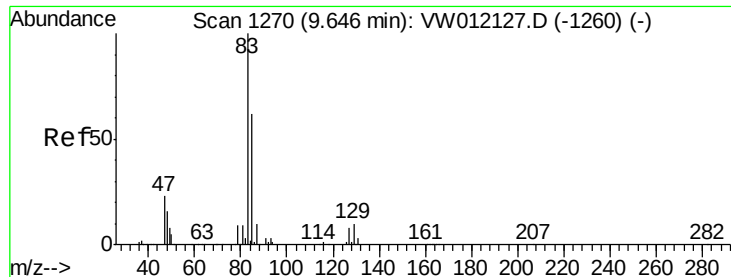
Tgt Ion: 63 Resp: 113191
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.0 37.4



#46
 Dibromomethane
 Concen: 58.812 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Tgt Ion: 93 Resp: 54554
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.2 100.8
 174 100.8 79.0 118.6





#47

Bromodichloromethane

Concen: 58.313 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

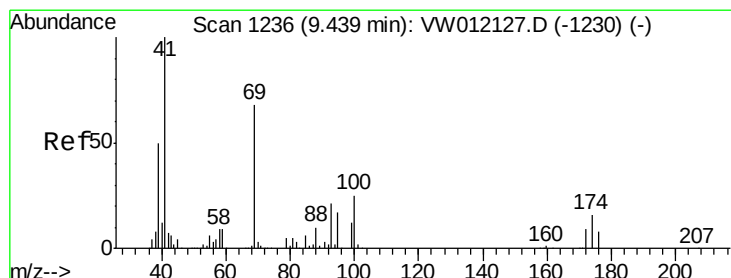
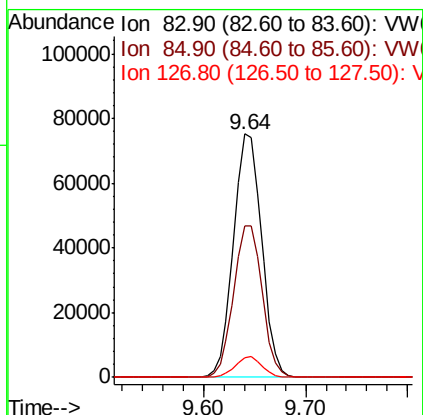
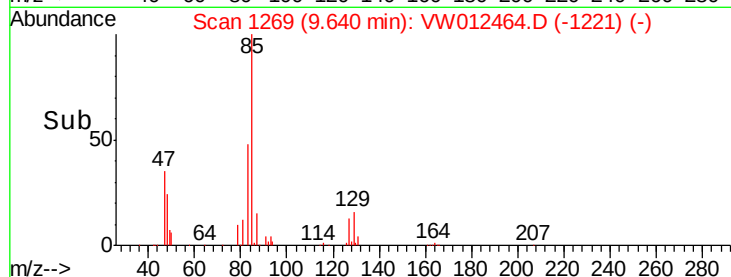
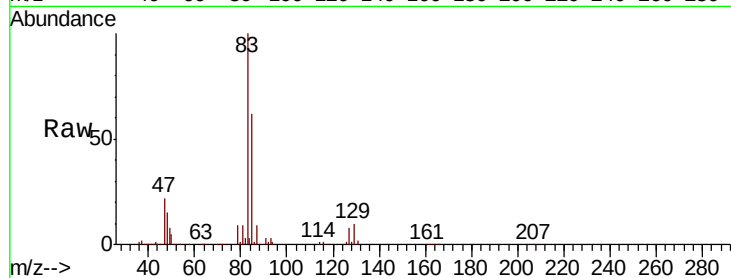
Tgt Ion: 83 Resp: 143961

Ion Ratio Lower Upper

83 100

85 62.2 49.4 74.2

127 8.1 6.1 9.1



#48

Methyl methacrylate

Concen: 63.206 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

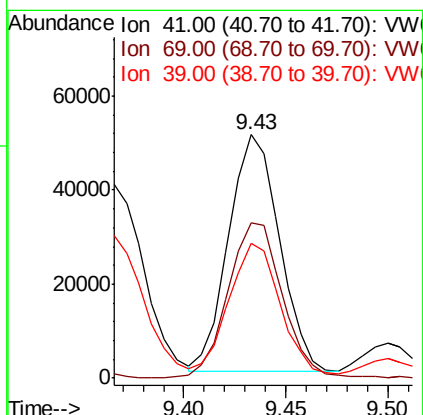
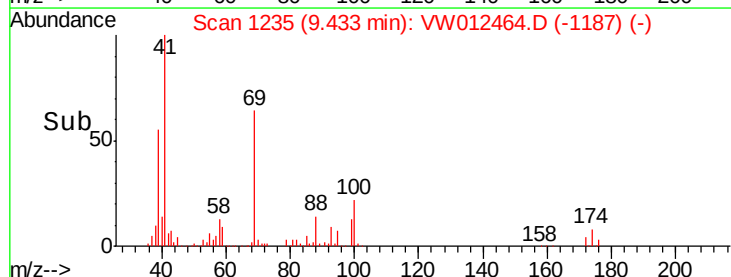
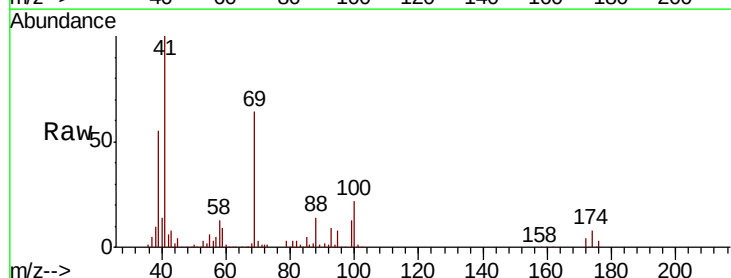
Tgt Ion: 41 Resp: 86628

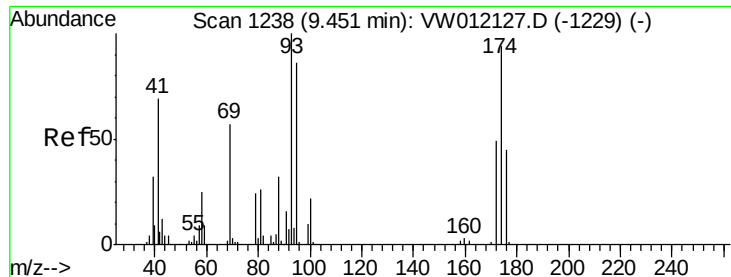
Ion Ratio Lower Upper

41 100

69 71.3 56.7 85.1

39 55.5 42.0 63.0





#49

1,4-Dioxane

Concen: 1405.652 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

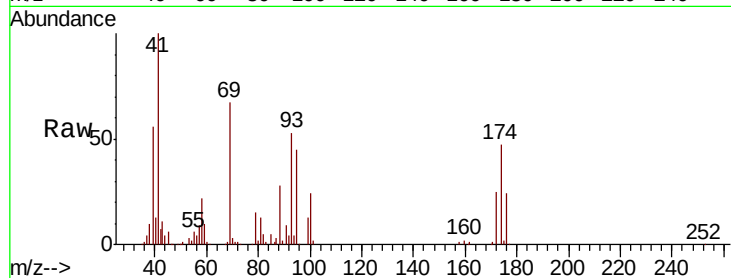
Tgt Ion: 88 Resp: 19961

Ion Ratio Lower Upper

88 100

43 42.3 32.9 49.3

58 81.0 71.0 106.4

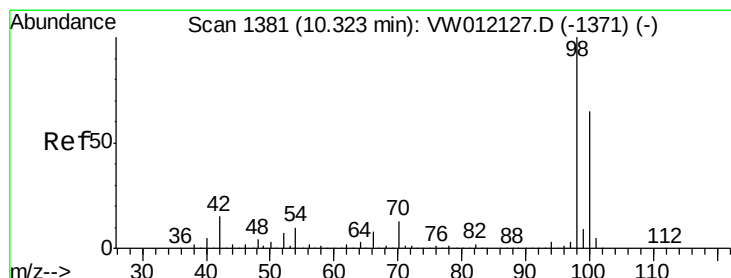
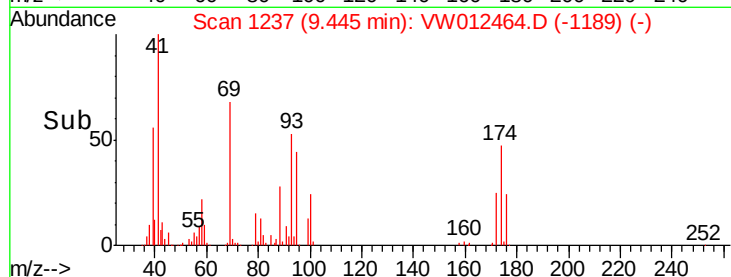
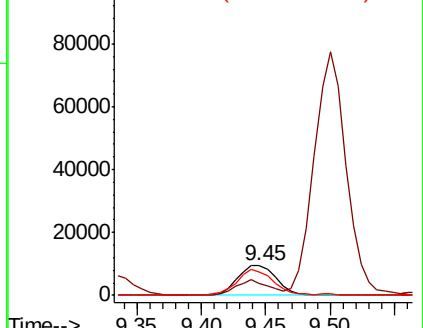


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.722 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012464.D

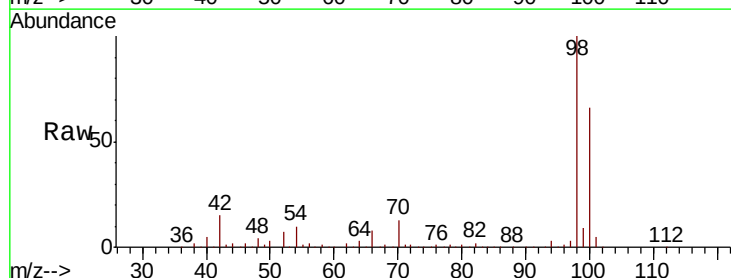
Acq: 01 Sep 2019 22:57

Tgt Ion: 98 Resp: 337015

Ion Ratio Lower Upper

98 100

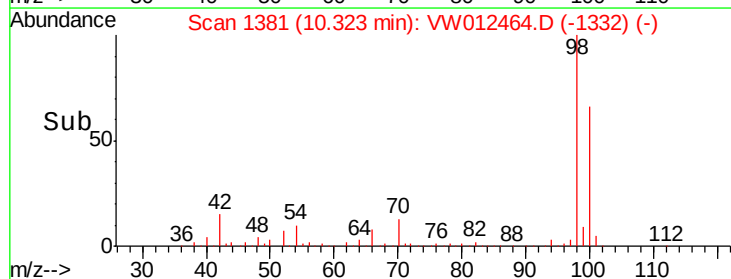
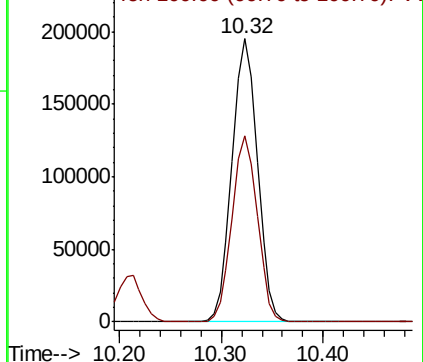
100 65.5 52.4 78.6

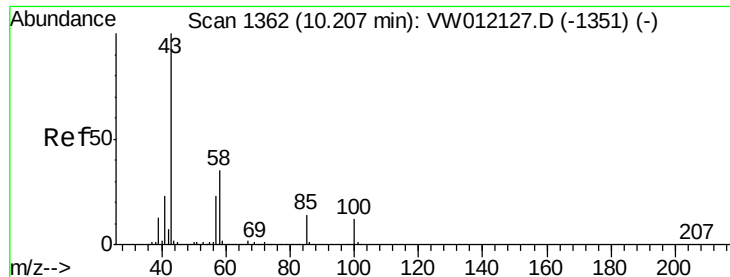


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

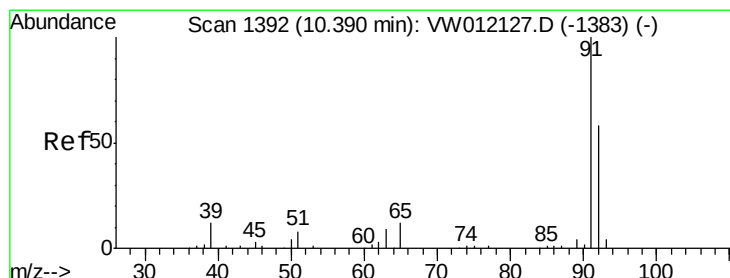
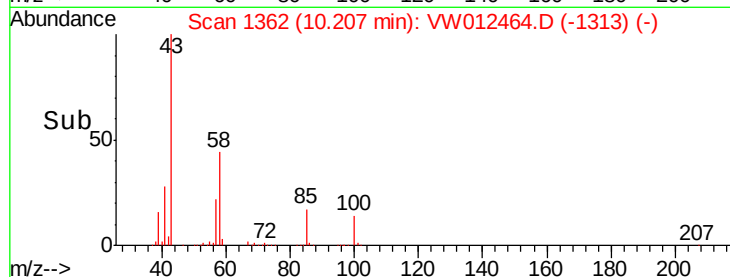
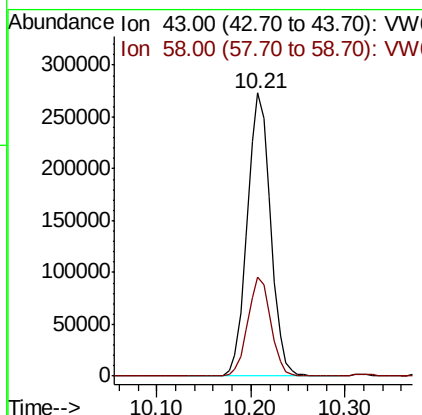
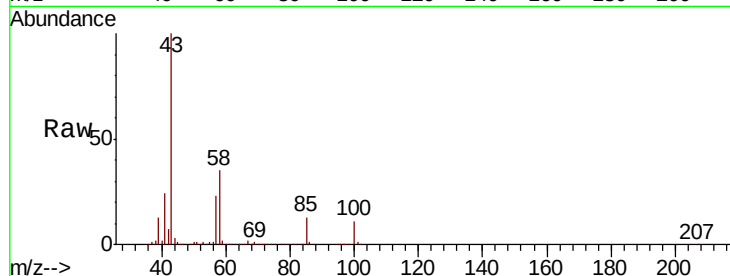




#51
 4-Methyl-2-Pentanone
 Concen: 325.100 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

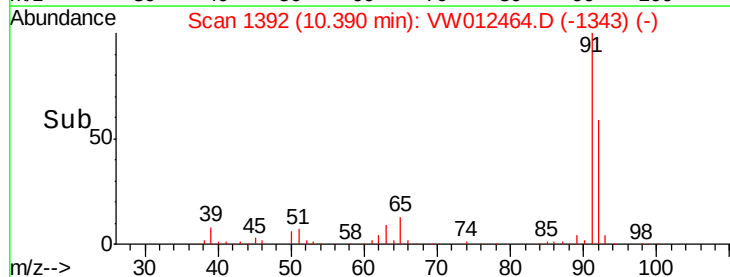
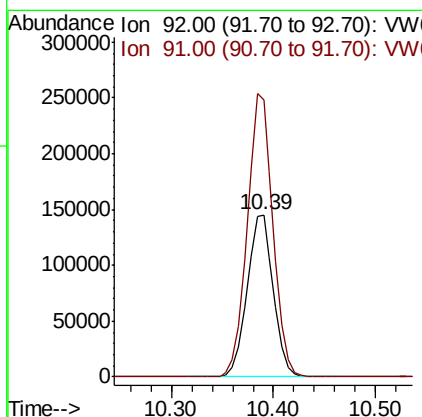
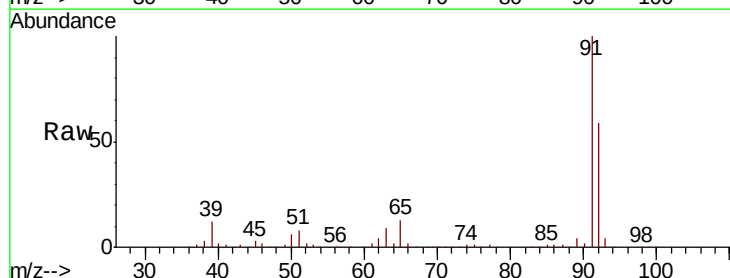
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

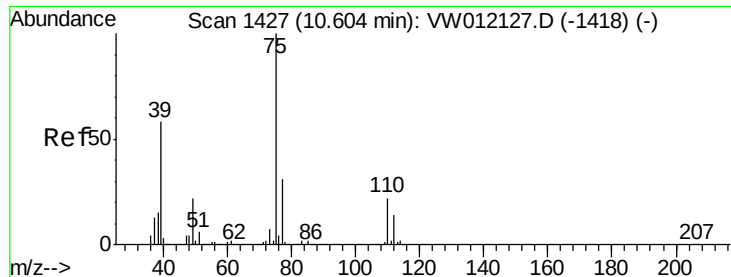
Tgt Ion: 43 Resp: 476166
 Ion Ratio Lower Upper
 43 100
 58 34.7 28.2 42.2



#52
 Toluene
 Concen: 55.490 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Tgt Ion: 92 Resp: 258234
 Ion Ratio Lower Upper
 92 100
 91 171.8 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 58.037 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

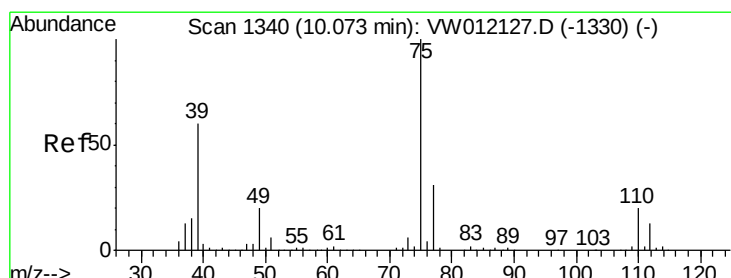
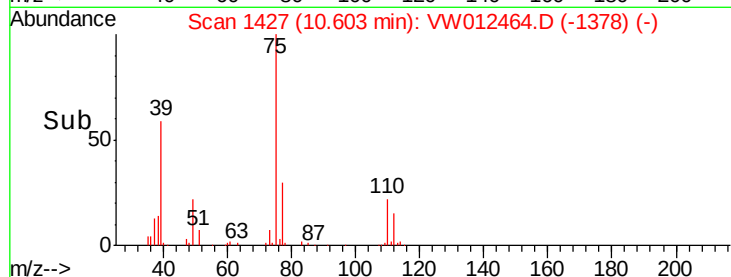
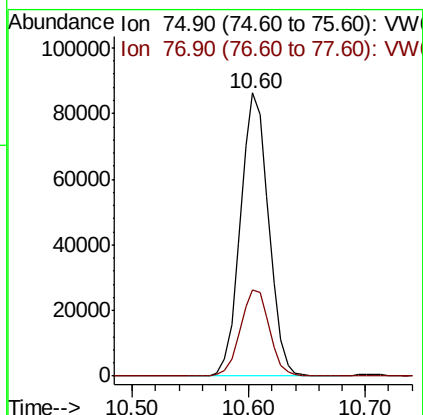
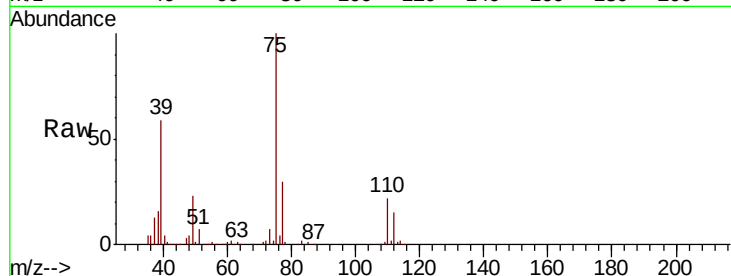
VSTDCCC050

Tgt Ion: 75 Resp: 145947

Ion Ratio Lower Upper

75 100

77 30.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 55.692 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

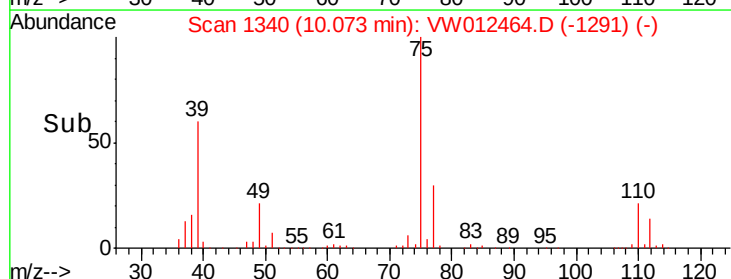
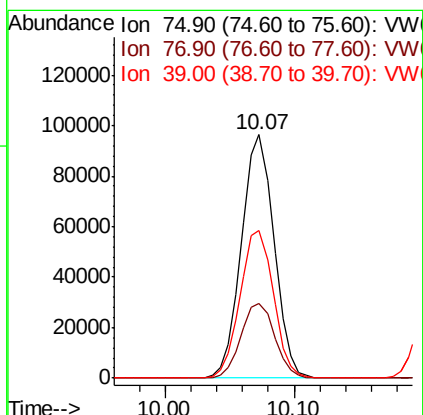
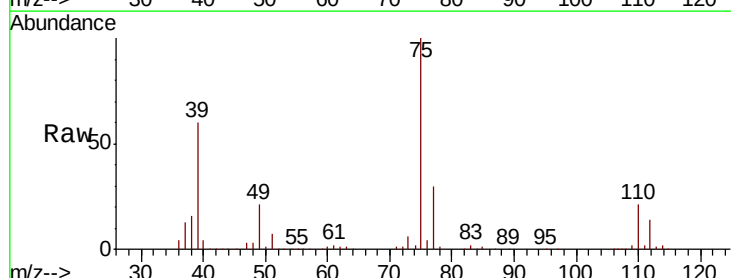
Tgt Ion: 75 Resp: 169102

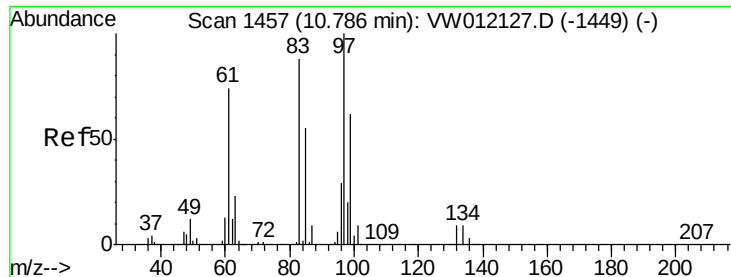
Ion Ratio Lower Upper

75 100

77 30.4 25.1 37.7

39 60.4 48.3 72.5

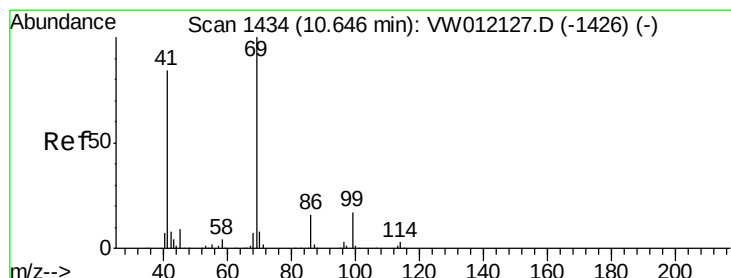
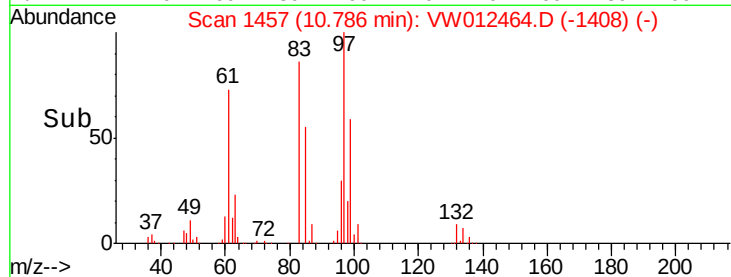
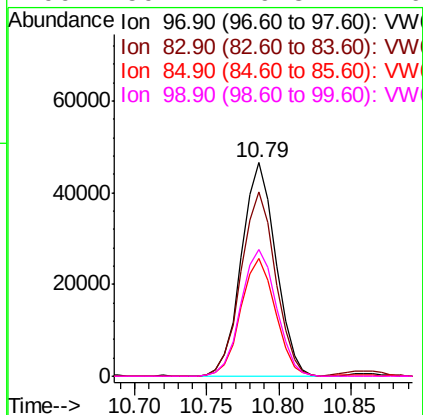
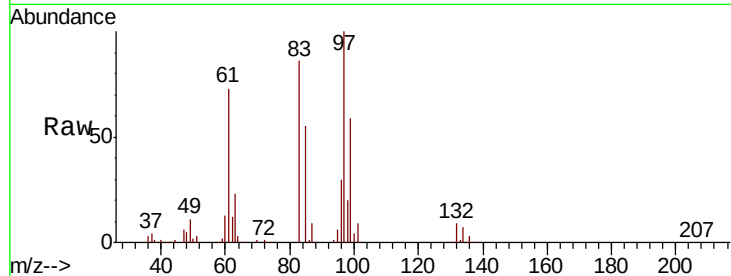




#55
 1,1,2-Trichloroethane
 Concen: 58.890 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

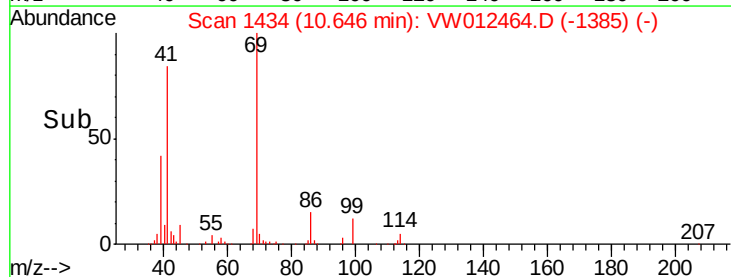
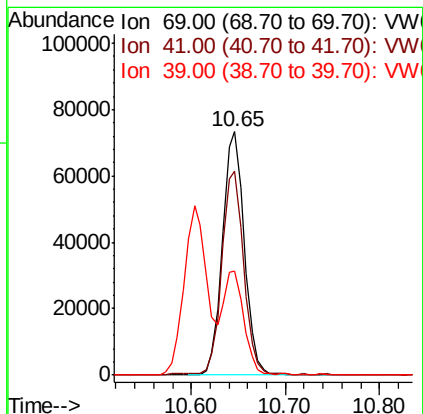
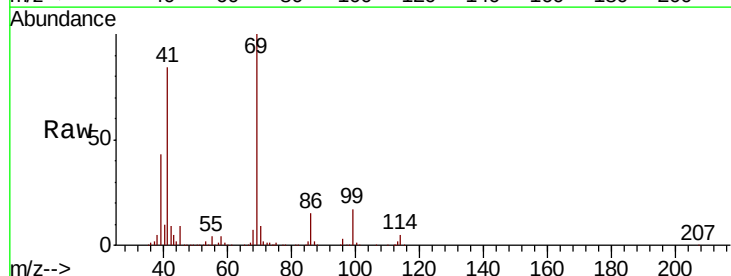
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

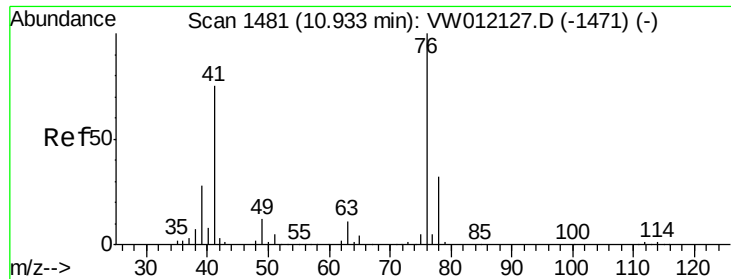
Tgt Ion:	97	Resp:	77289
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.8	106.2
85	55.2	43.8	65.8
99	59.1	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 61.815 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Tgt Ion:	69	Resp:	118076
Ion	Ratio	Lower	Upper
69	100		
41	83.0	66.5	99.7
39	39.7	31.0	46.4

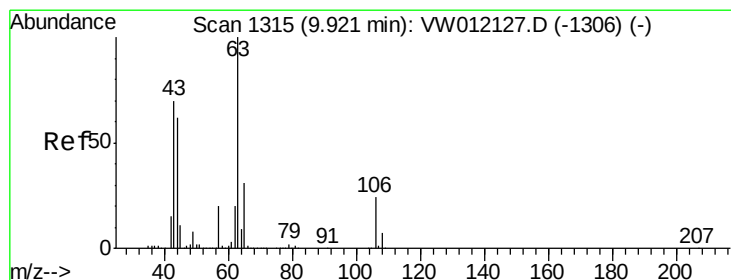
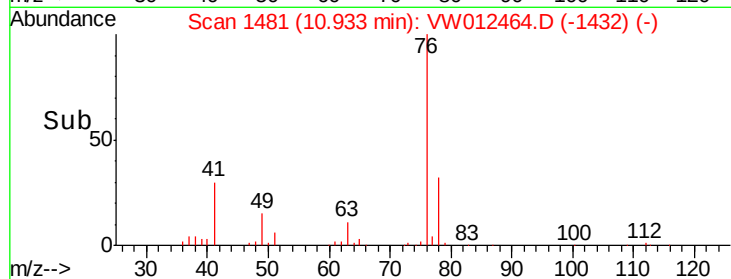
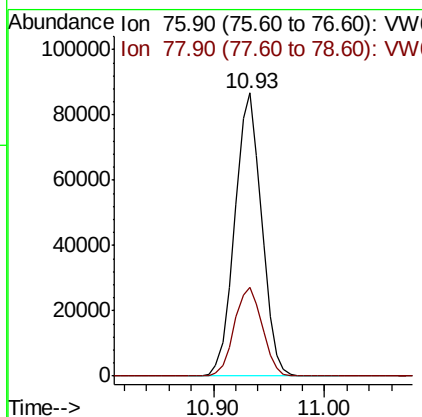
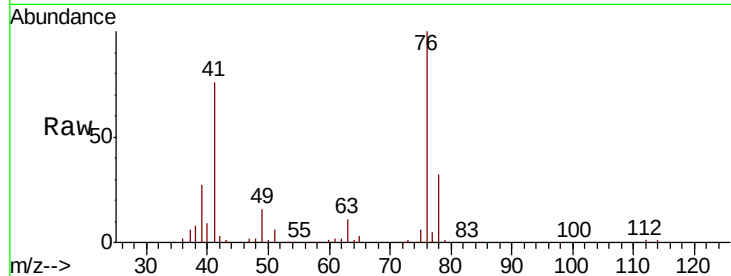




#57
 1,3-Dichloropropane
 Concen: 58.473 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

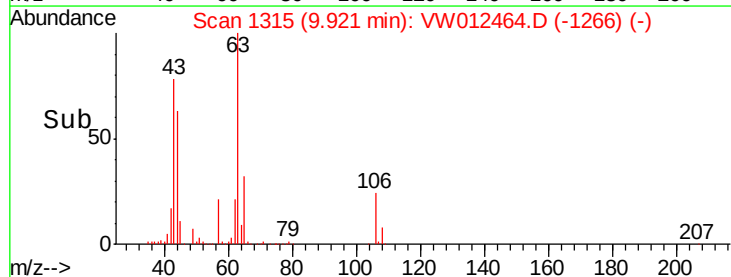
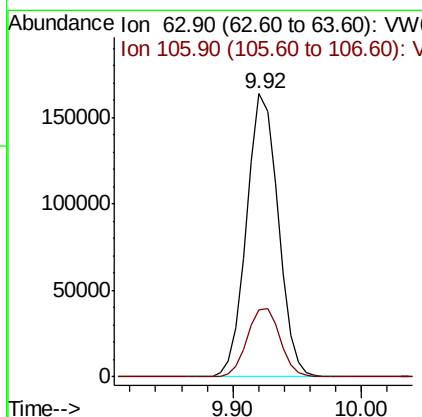
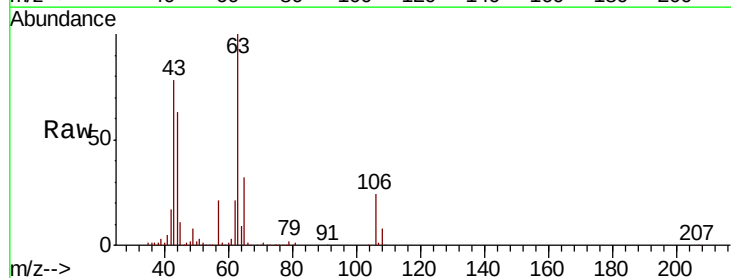
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

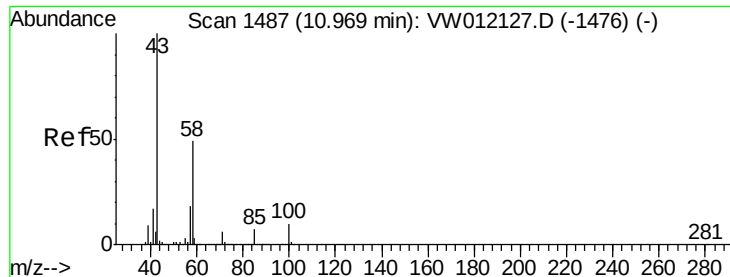
Tgt Ion: 76 Resp: 145022
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 283.188 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Tgt Ion: 63 Resp: 277616
 Ion Ratio Lower Upper
 63 100
 106 25.1 19.8 29.8

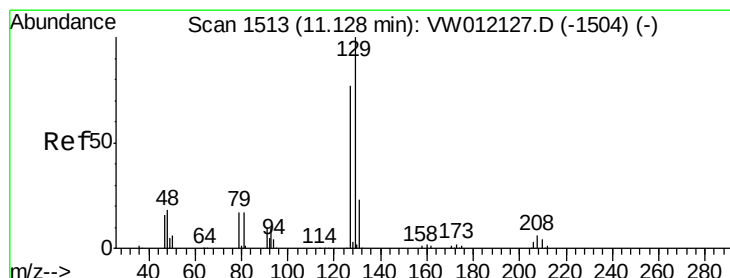
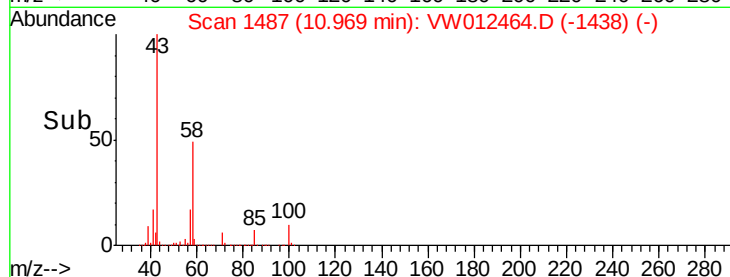
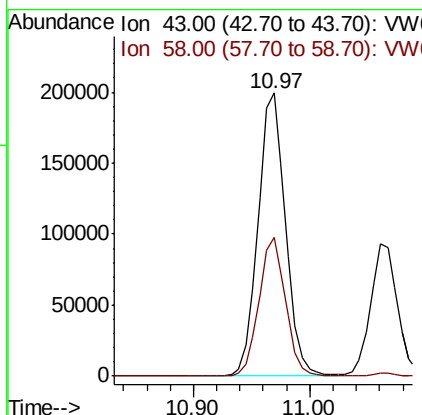
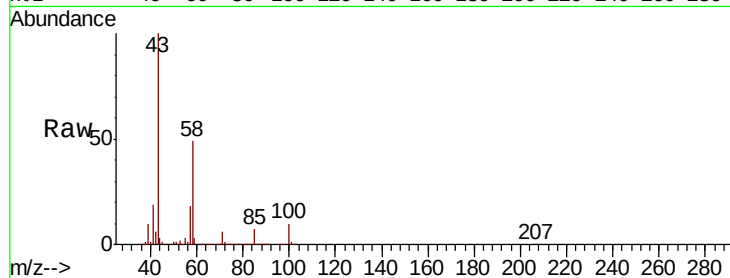




#59
2-Hexanone
Concen: 316.218 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

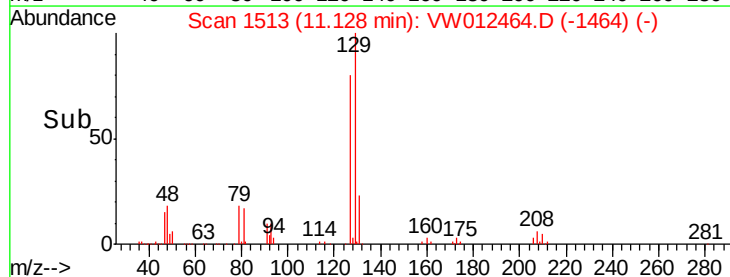
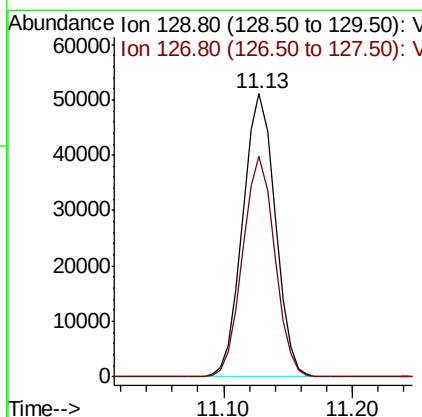
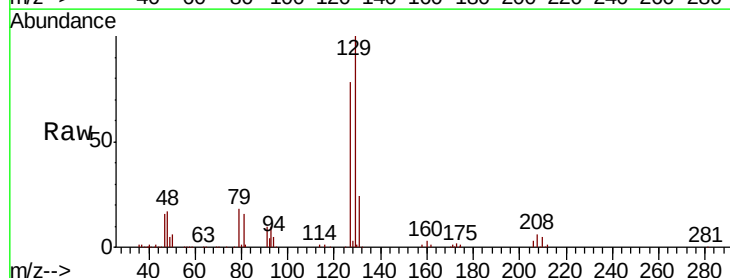
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

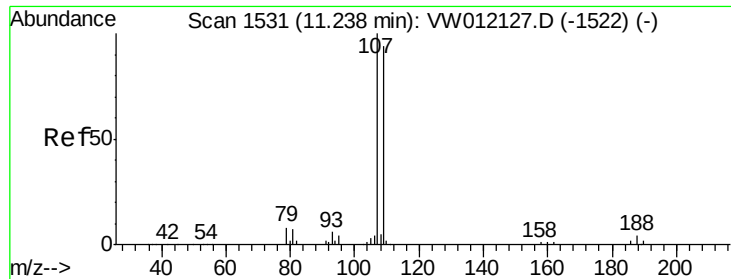
Tgt Ion: 43 Resp: 327713
Ion Ratio Lower Upper
43 100
58 47.7 24.3 72.9



#60
Dibromochloromethane
Concen: 60.863 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

Tgt Ion: 129 Resp: 88971
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8

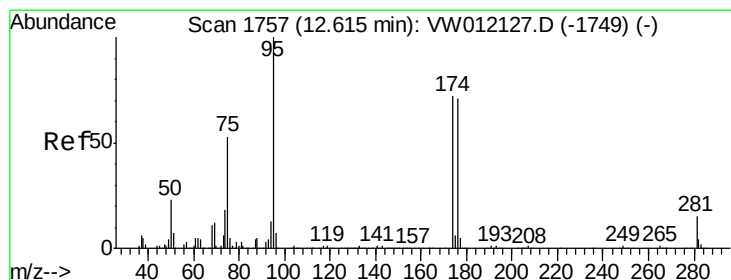
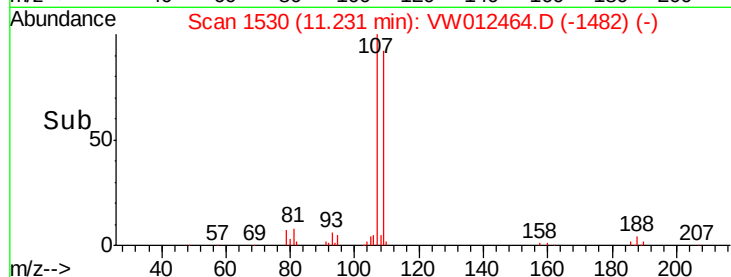
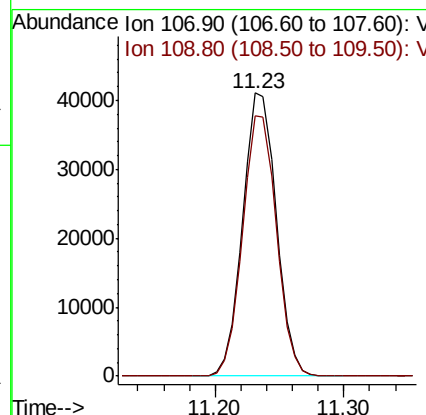
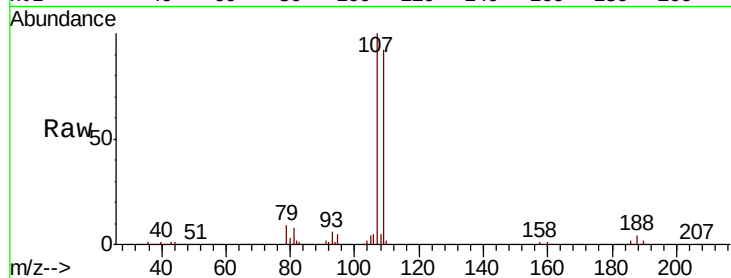




#61
 1,2-Dibromoethane
 Concen: 60.592 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

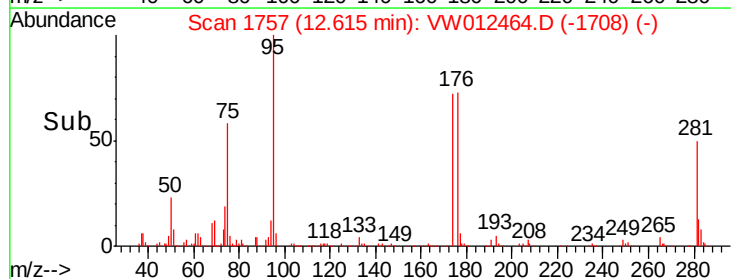
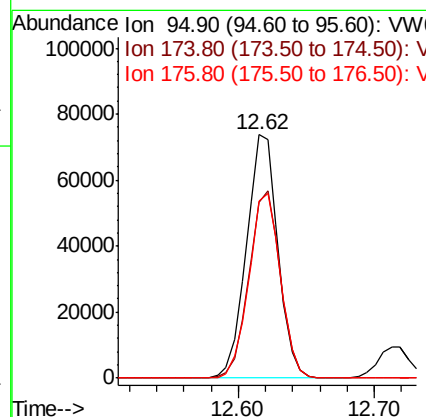
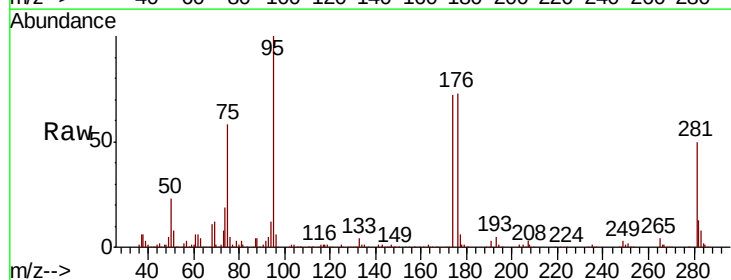
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

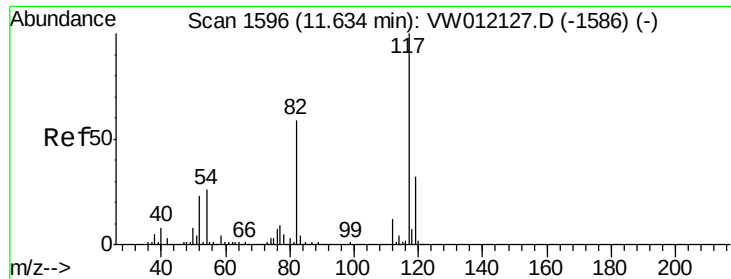
Tgt Ion: 107 Resp: 74086
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.904 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Tgt Ion: 95 Resp: 119225
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 150.8
 176 76.2 0.0 148.6

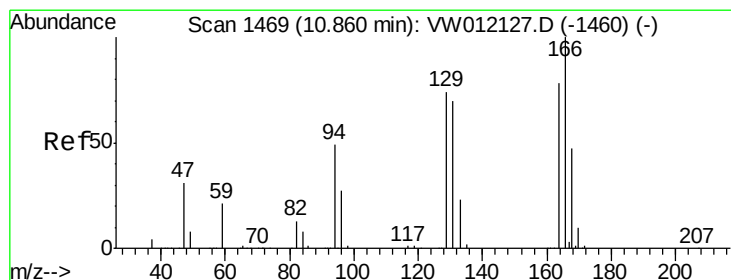
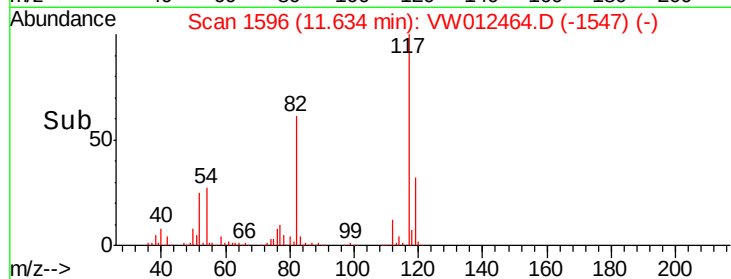
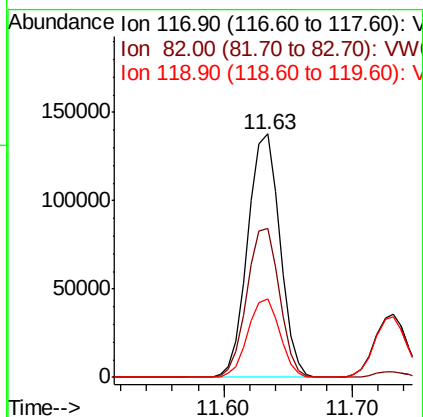
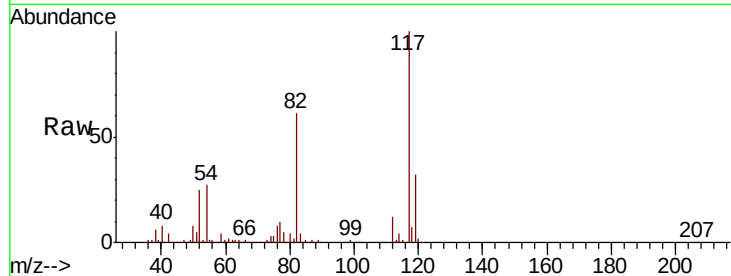




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

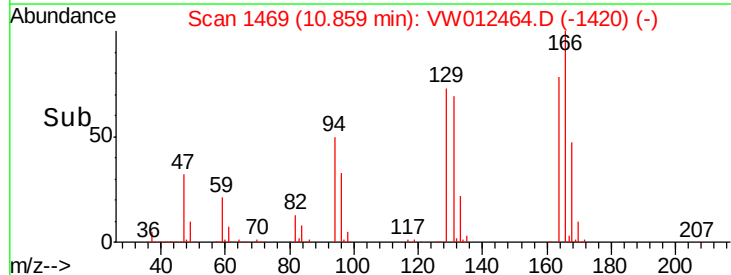
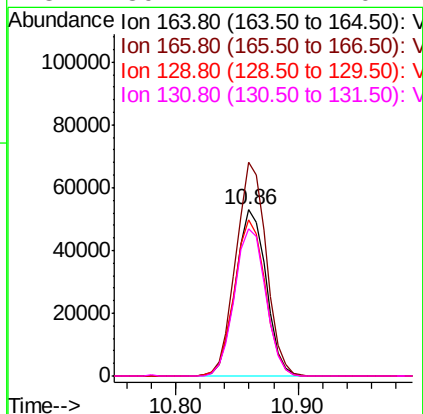
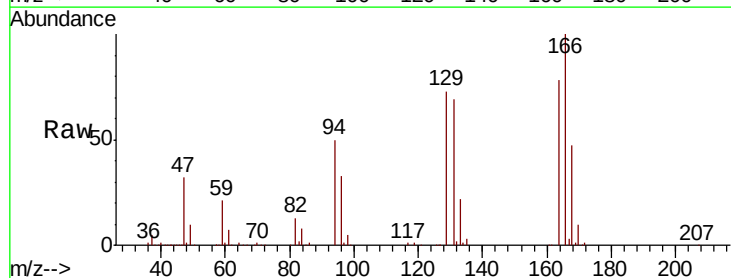
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

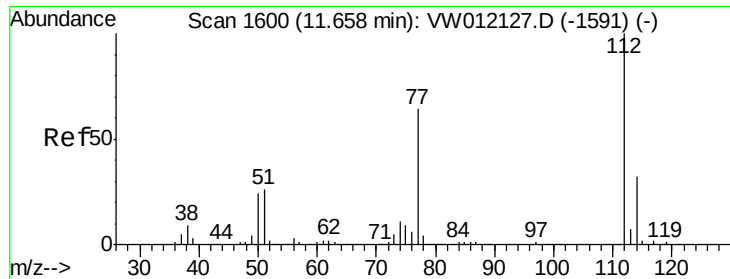
Tgt Ion:117 Resp: 238044
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 59.437 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

Tgt Ion:164 Resp: 91729
Ion Ratio Lower Upper
164 100
166 128.8 102.4 153.6
129 93.9 75.8 113.6
131 89.1 71.4 107.2

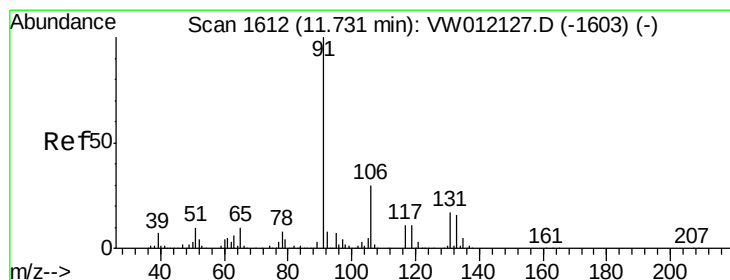
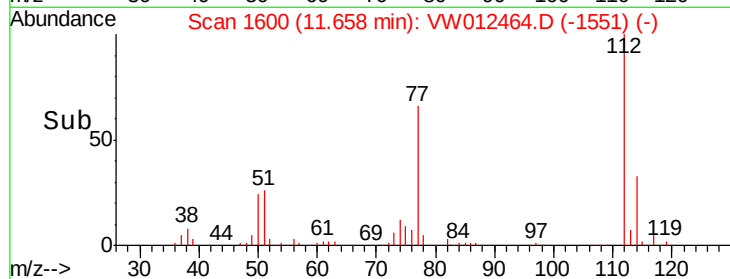
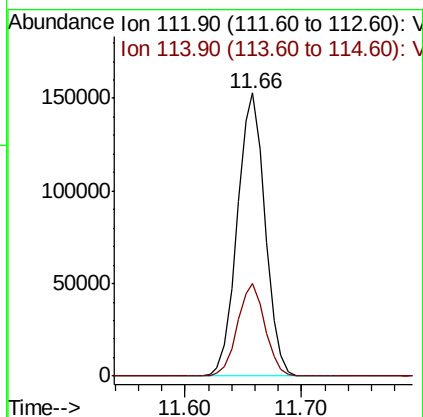
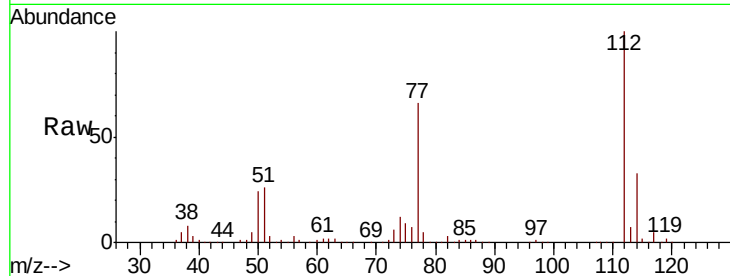




#65
Chlorobenzene
Concen: 54.302 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

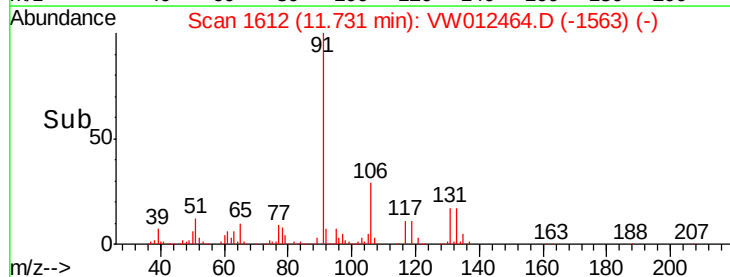
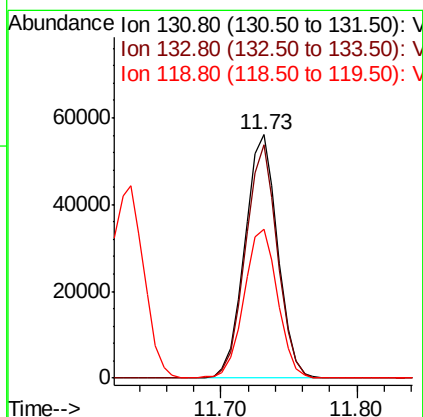
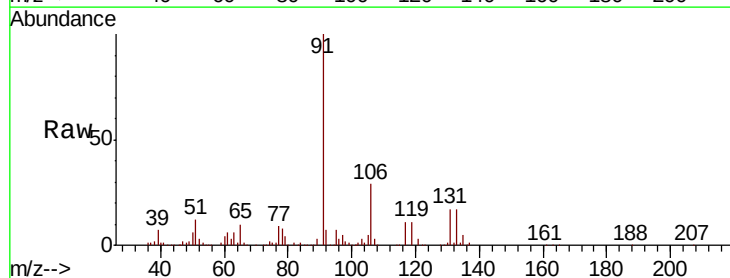
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

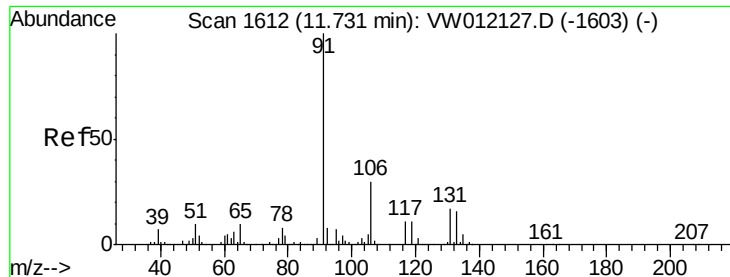
Tgt Ion:112 Resp: 254531
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.940 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

Tgt Ion:131 Resp: 94744
Ion Ratio Lower Upper
131 100
133 93.6 47.1 141.3
119 62.3 31.8 95.3

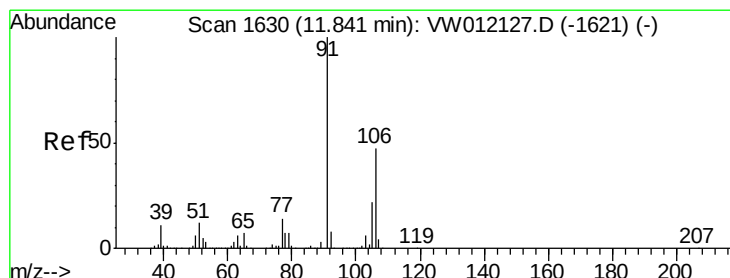
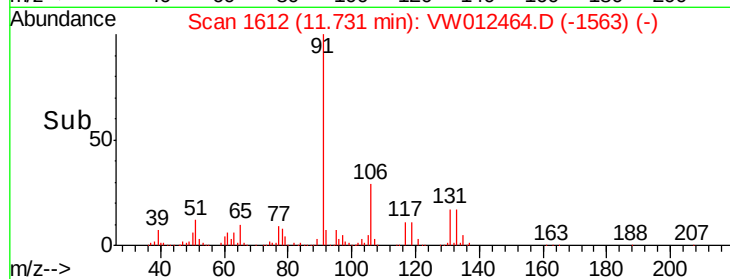
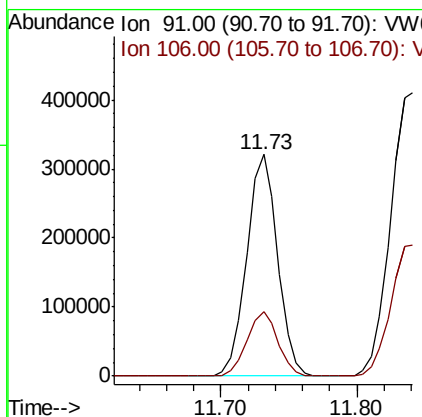
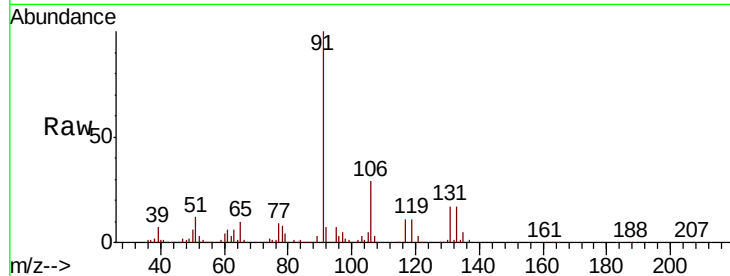




#67
Ethyl Benzene
Concen: 56.419 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

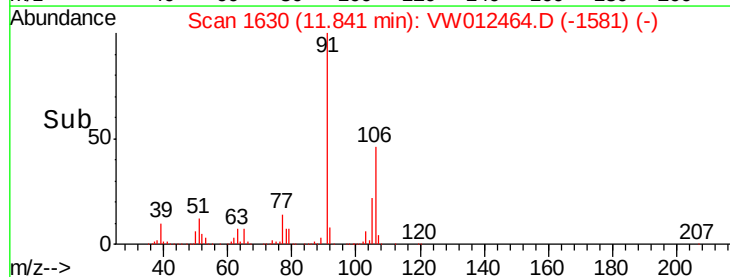
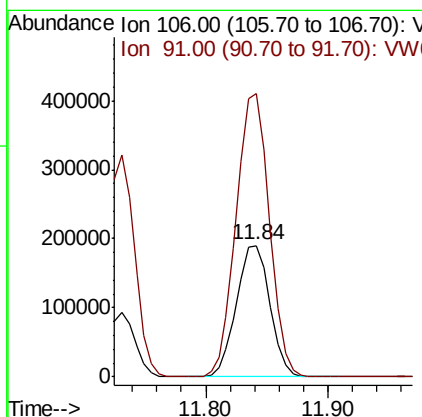
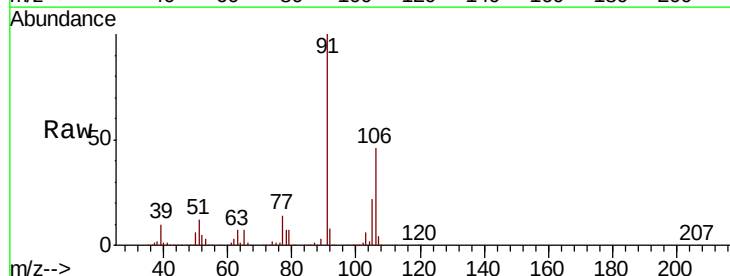
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

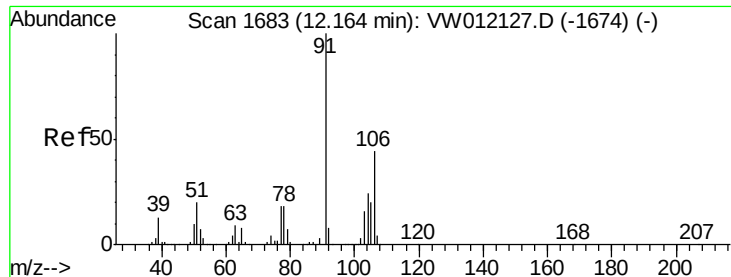
Tgt Ion: 91 Resp: 509423
Ion Ratio Lower Upper
91 100
106 29.2 24.3 36.5



#68
m/p-Xylenes
Concen: 111.056 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

Tgt Ion: 106 Resp: 361203
Ion Ratio Lower Upper
106 100
91 214.3 169.5 254.3

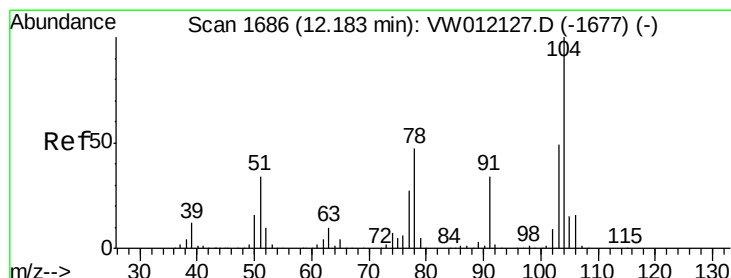
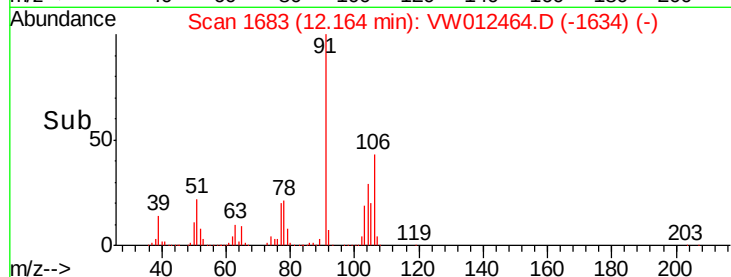
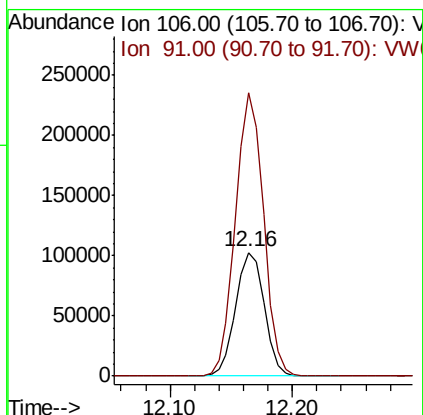
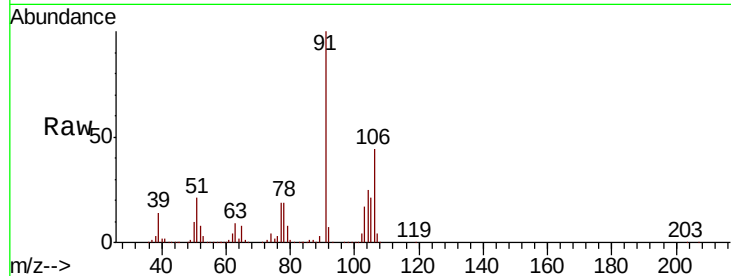




#69
o-Xylene
Concen: 55.463 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

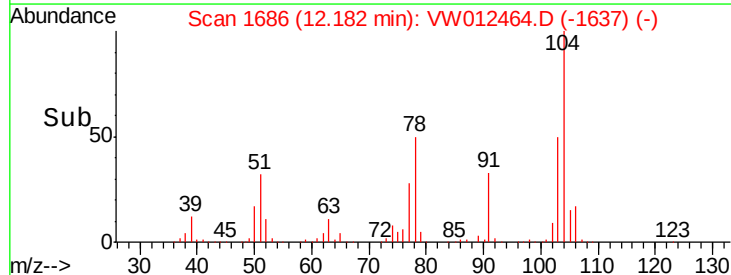
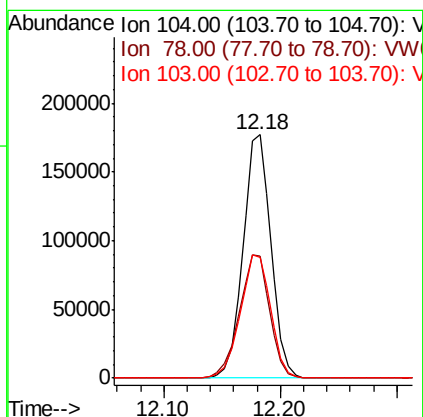
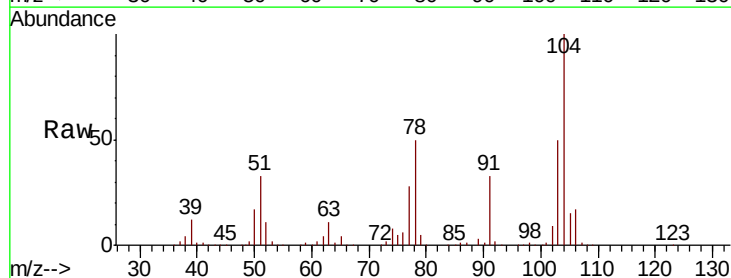
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

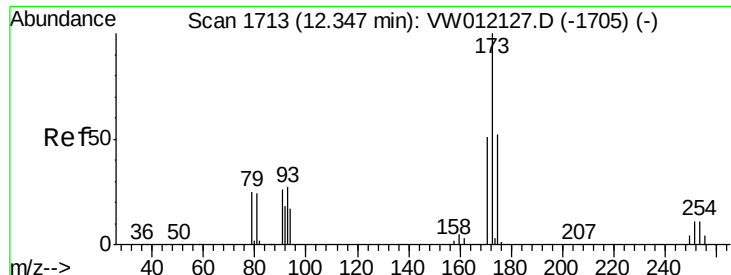
Tgt Ion:106 Resp: 166958
Ion Ratio Lower Upper
106 100
91 224.4 111.6 334.6



#70
Styrene
Concen: 56.641 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

Tgt Ion:104 Resp: 295123
Ion Ratio Lower Upper
104 100
78 55.0 43.1 64.7
103 55.1 43.5 65.3





#71

Bromoform

Concen: 64.005 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

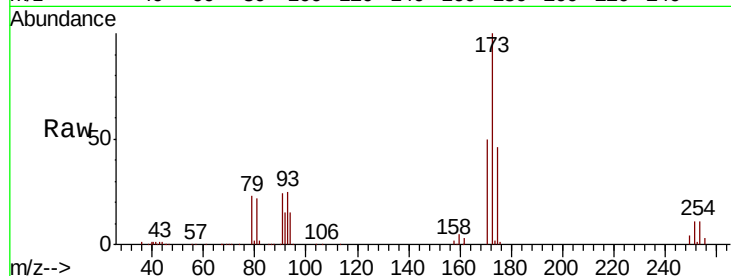
Tgt Ion:173 Resp: 52145

Ion Ratio Lower Upper

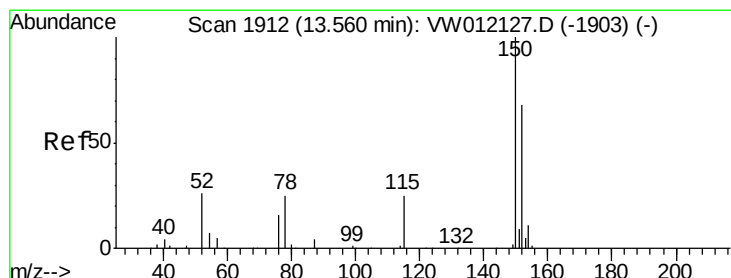
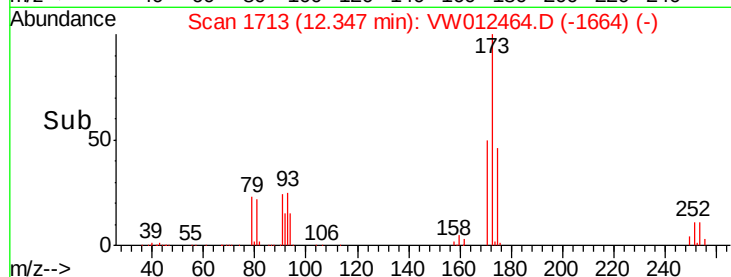
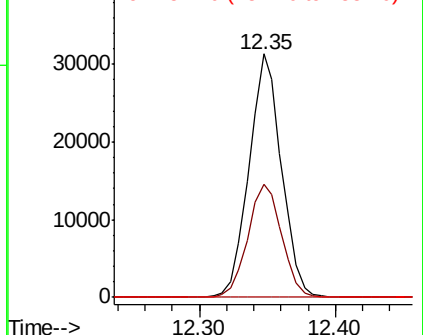
173 100

175 48.3 24.6 74.0

254 0.0 0.2 0.2#



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: VW012464.D

Acq: 01 Sep 2019 22:57

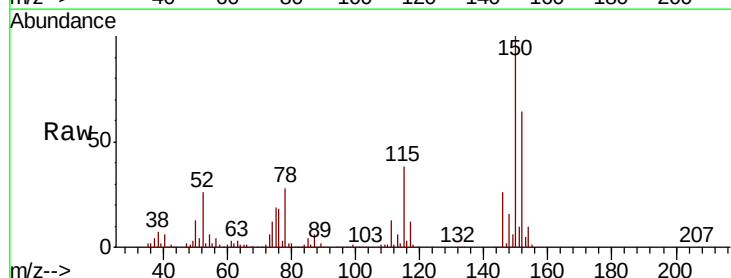
Tgt Ion:152 Resp: 119191

Ion Ratio Lower Upper

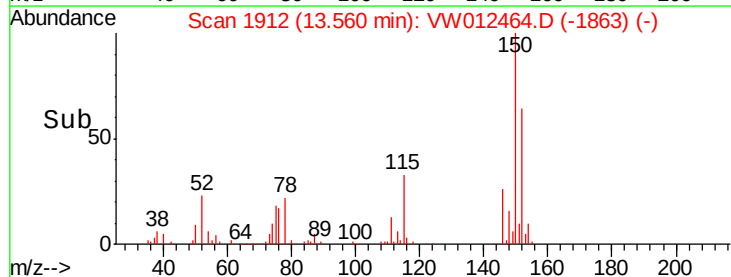
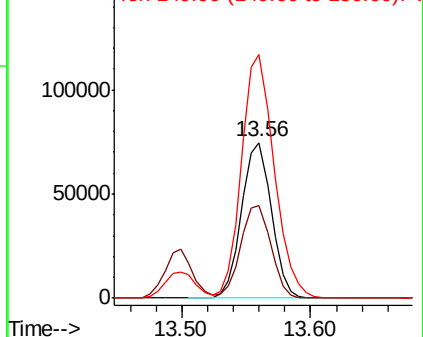
152 100

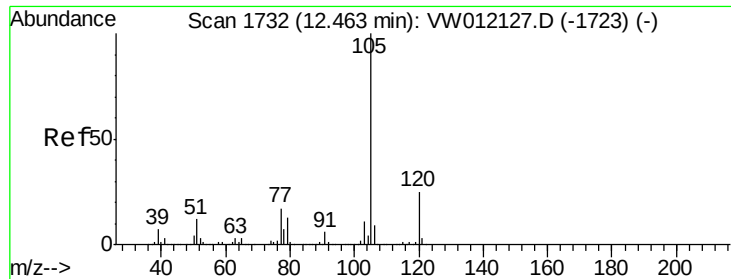
115 61.1 30.1 90.3

150 171.9 0.0 345.8



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

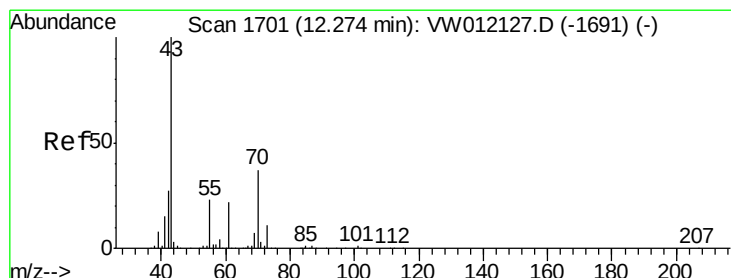
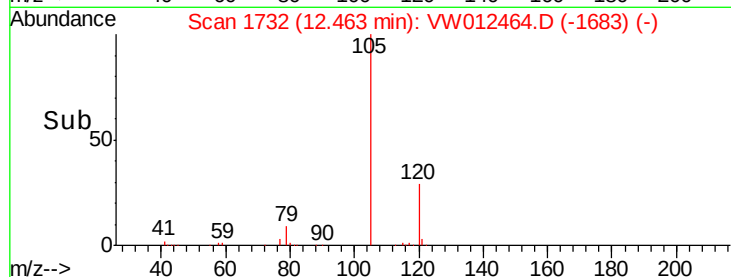
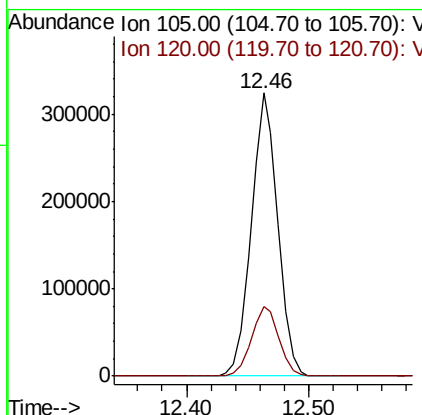
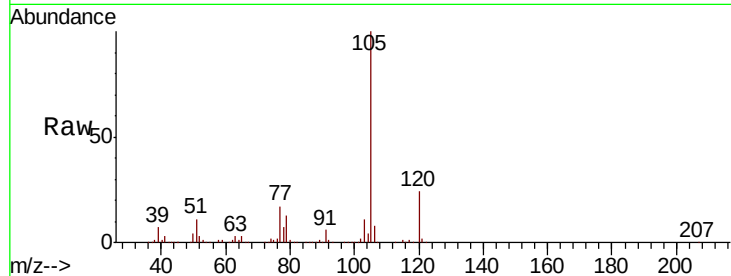




#73
Isopropylbenzene
Concen: 54.552 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

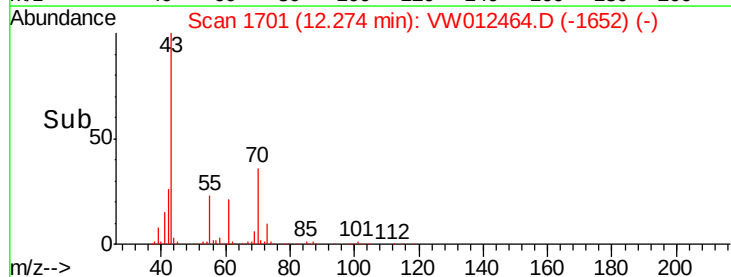
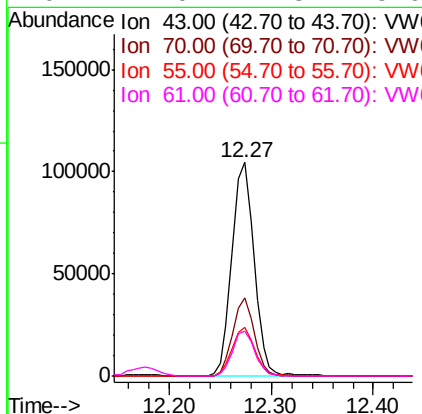
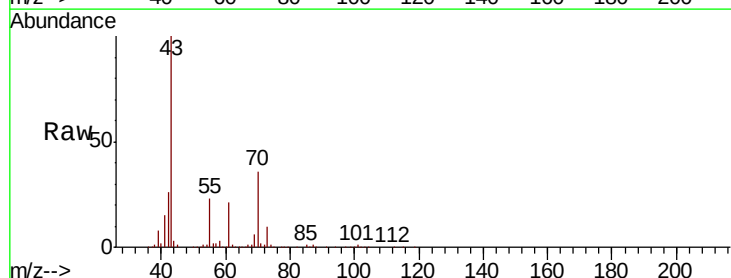
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

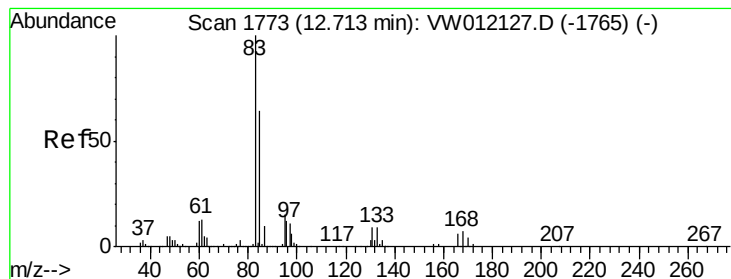
Tgt Ion: 105 Resp: 487209
Ion Ratio Lower Upper
105 100
120 25.4 12.5 37.5



#74
N-ethyl acetate
Concen: 58.569 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

Tgt Ion: 43 Resp: 158039
Ion Ratio Lower Upper
43 100
70 35.4 28.6 43.0
55 23.2 17.8 26.6
61 21.0 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 57.007 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

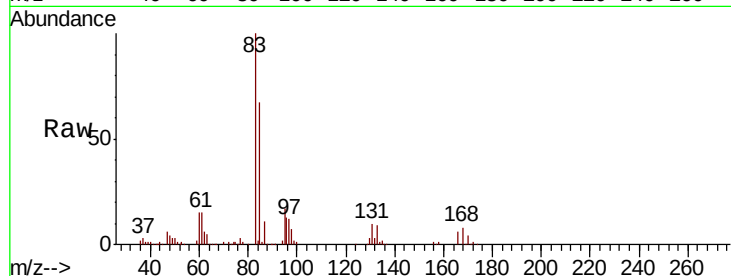
Tgt Ion: 83 Resp: 93340

Ion Ratio Lower Upper

83 100

131 10.9 4.9 14.7

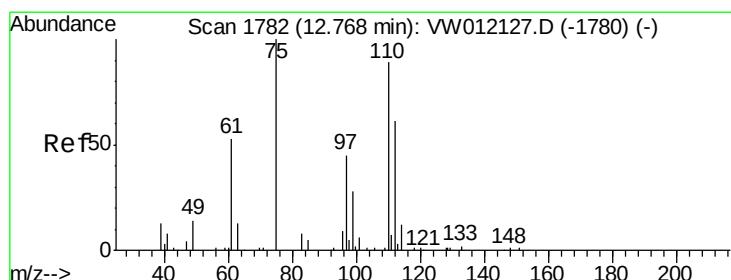
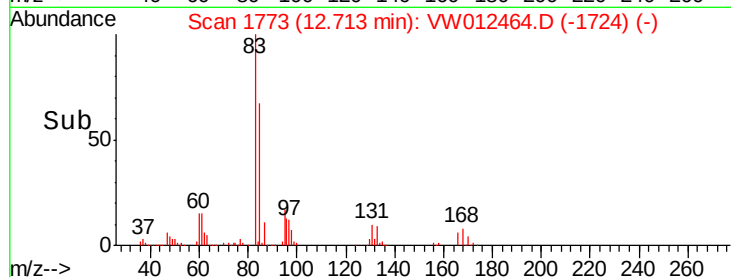
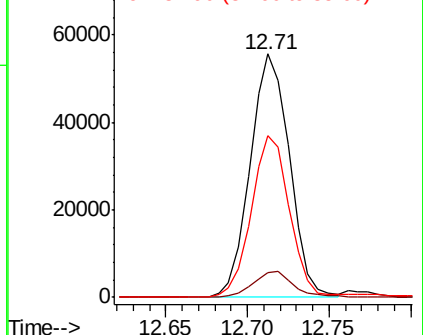
85 64.4 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 111.459 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012464.D

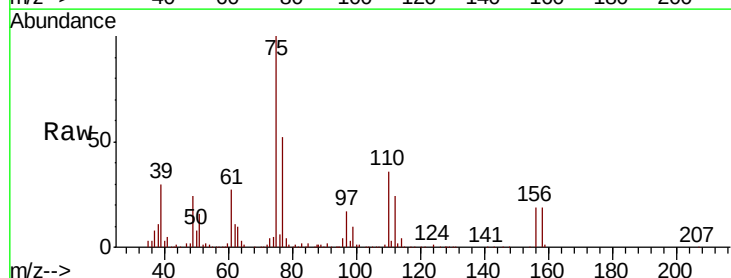
Acq: 01 Sep 2019 22:57

Tgt Ion: 75 Resp: 129385

Ion Ratio Lower Upper

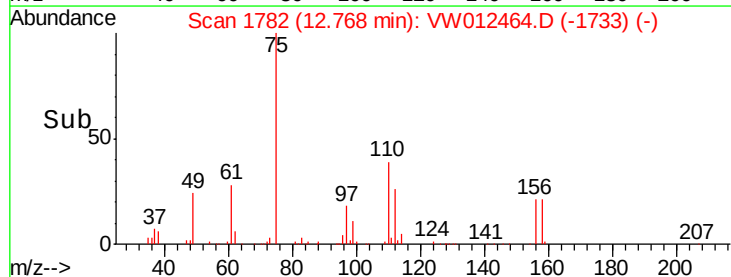
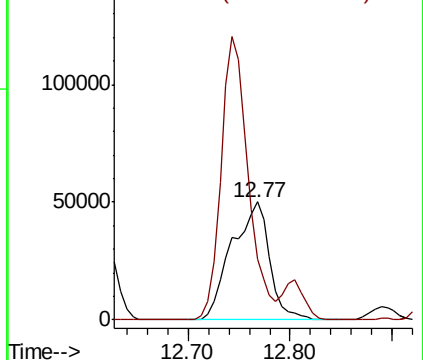
75 100

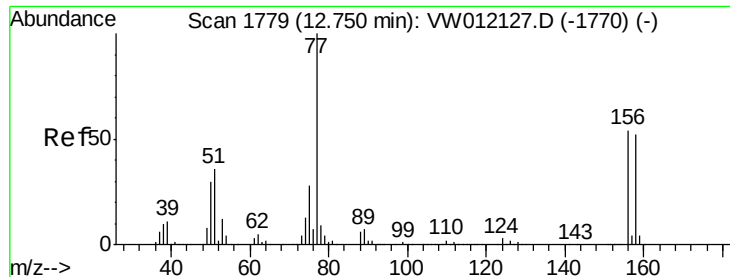
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 54.039 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

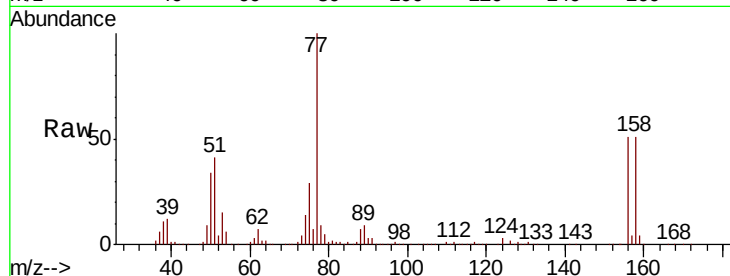
Tgt Ion:156 Resp: 104412

Ion Ratio Lower Upper

156 100

77 214.2 107.3 321.8

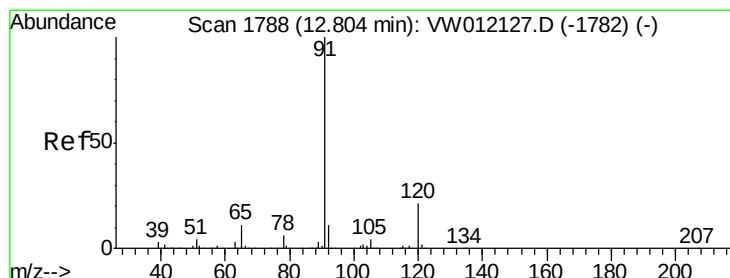
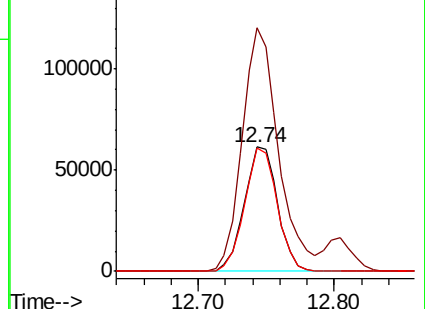
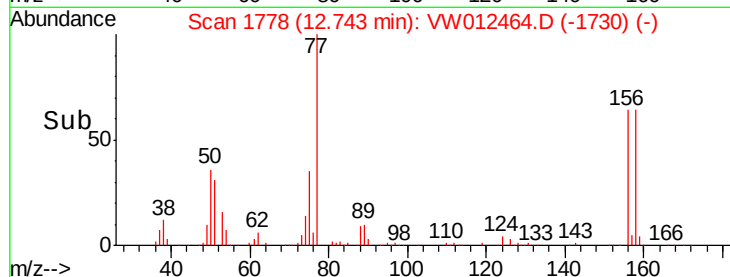
158 97.3 49.0 147.0



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: 54.626 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012464.D

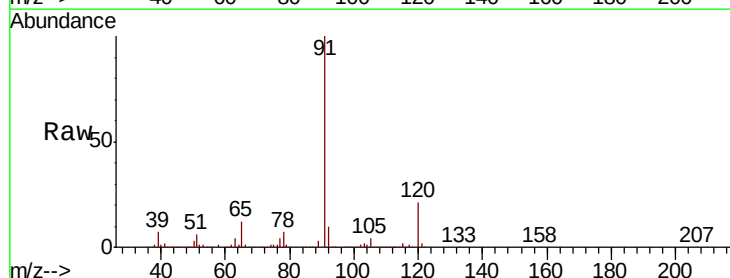
Acq: 01 Sep 2019 22:57

Tgt Ion: 91 Resp: 595589

Ion Ratio Lower Upper

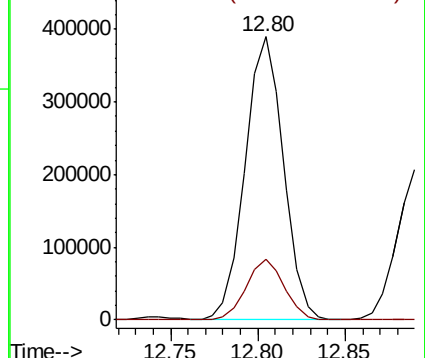
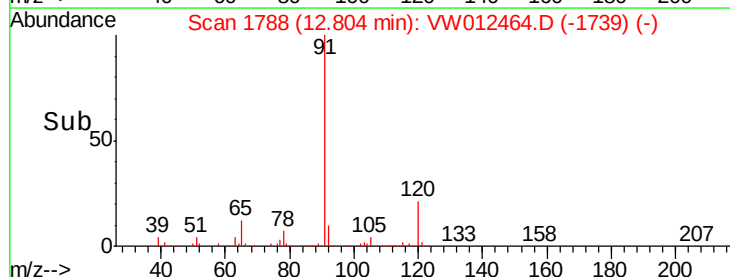
91 100

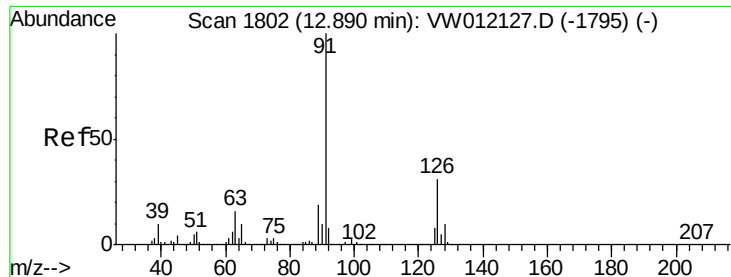
120 21.3 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.496 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

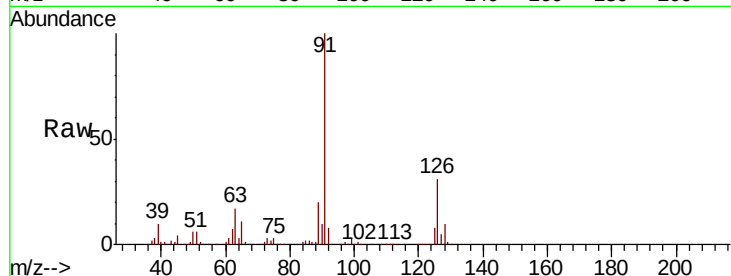
VSTDCCC050

Tgt Ion: 91 Resp: 331149

Ion Ratio Lower Upper

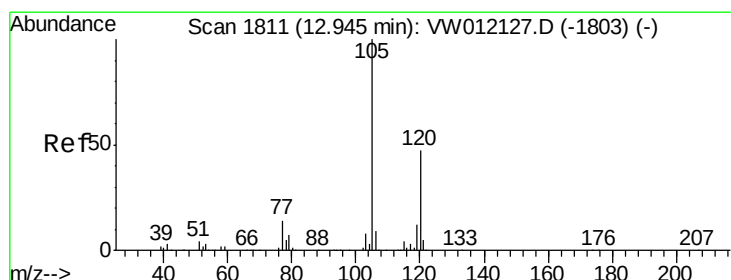
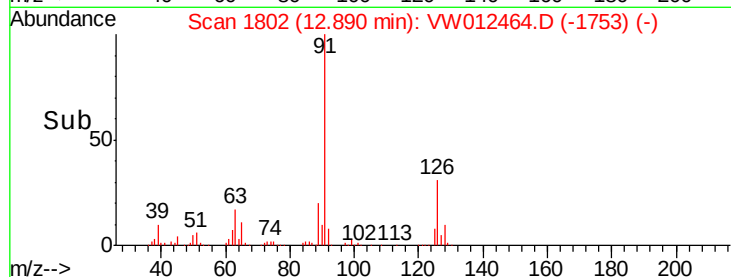
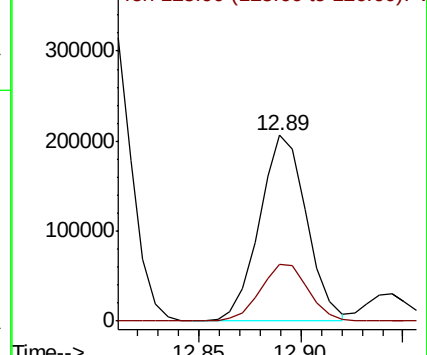
91 100

126 31.2 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.882 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012464.D

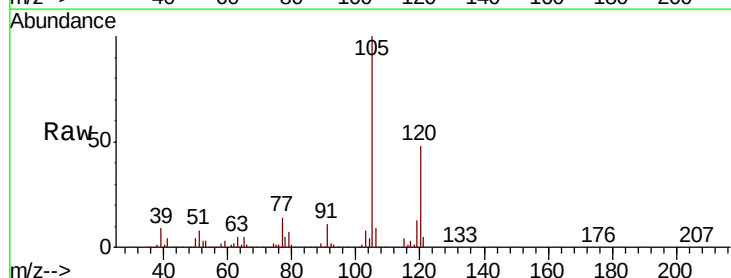
Acq: 01 Sep 2019 22:57

Tgt Ion: 105 Resp: 409575

Ion Ratio Lower Upper

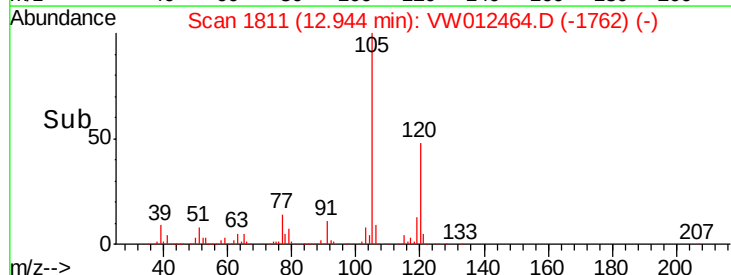
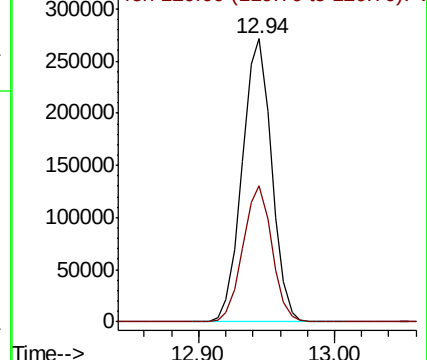
105 100

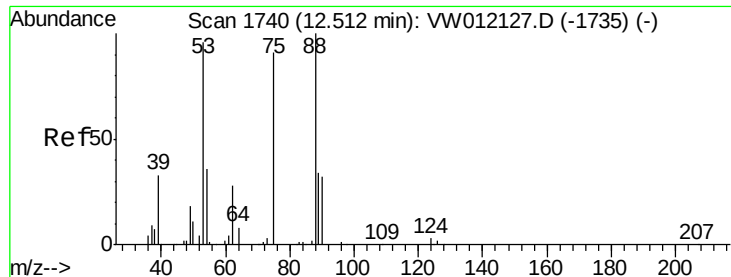
120 47.5 24.0 72.0



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: 59.660 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

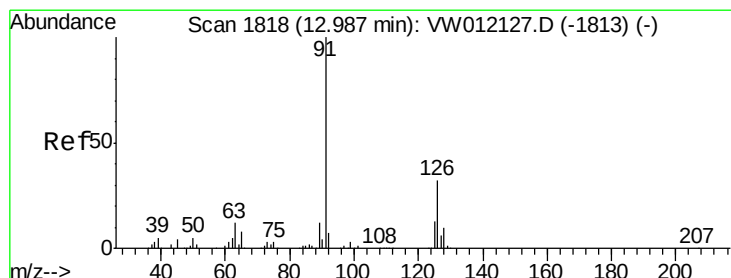
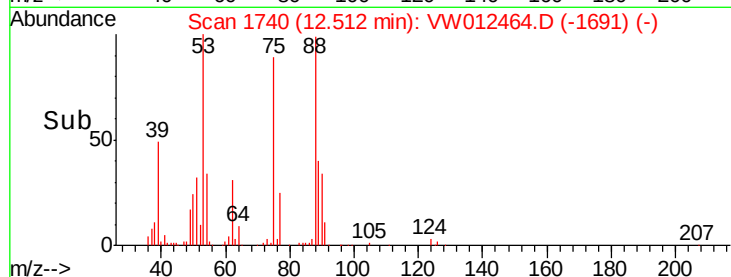
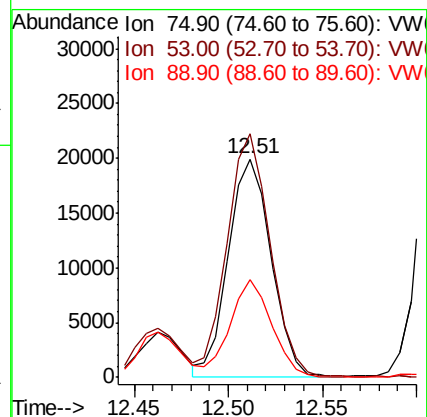
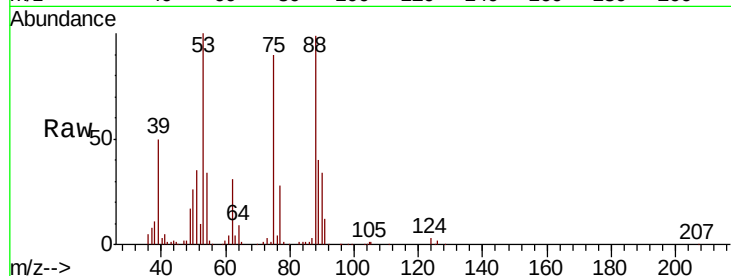
Tgt Ion: 75 Resp: 31587

Ion Ratio Lower Upper

75 100

53 112.5 89.4 134.0

89 42.8 34.5 51.7



#82

4-Chlorotoluene

Concen: 53.770 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012464.D

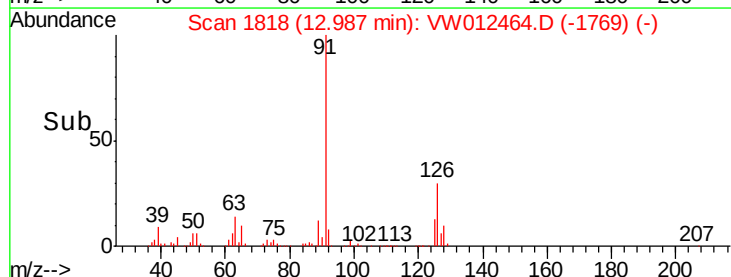
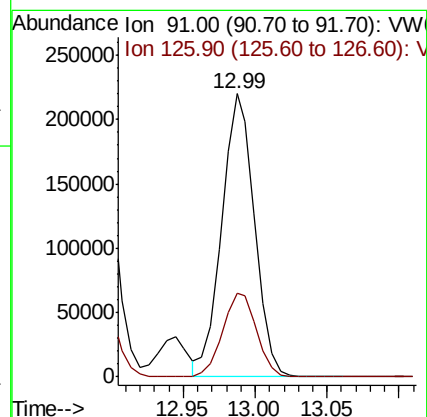
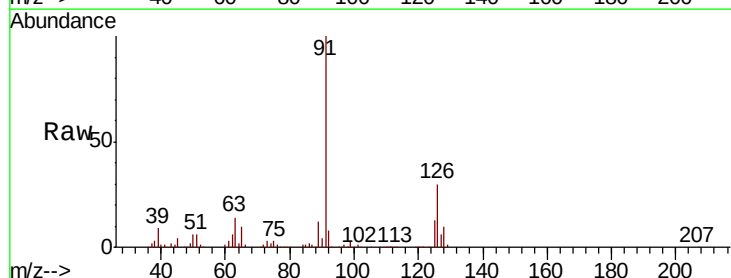
Acq: 01 Sep 2019 22:57

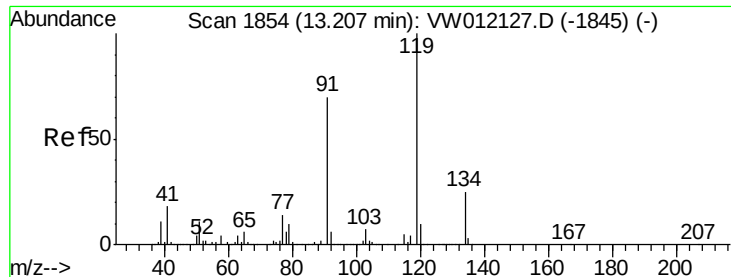
Tgt Ion: 91 Resp: 348513

Ion Ratio Lower Upper

91 100

126 30.8 15.6 46.8

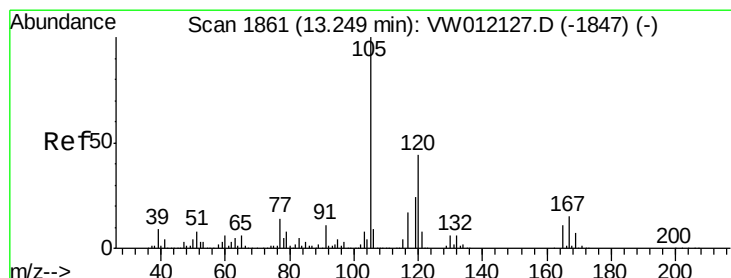
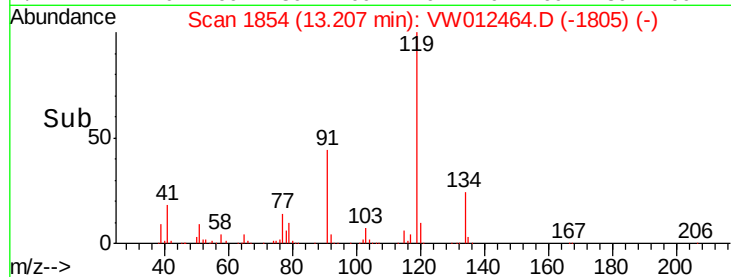
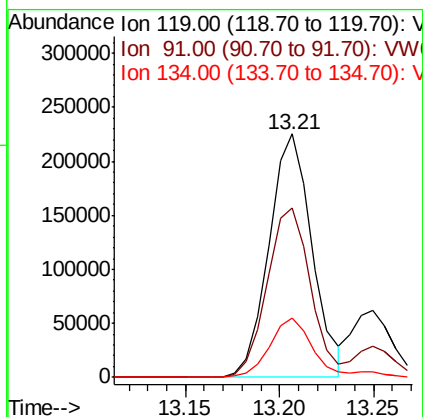
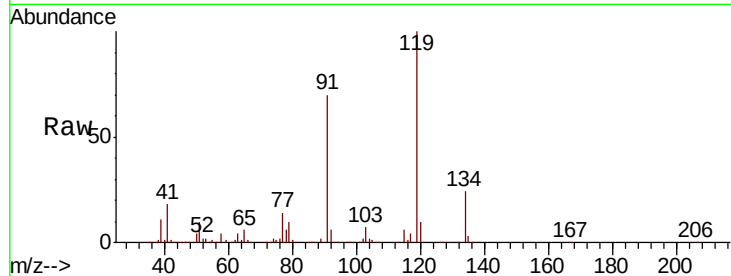




#83
 tert-Butylbenzene
 Concen: 56.515 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

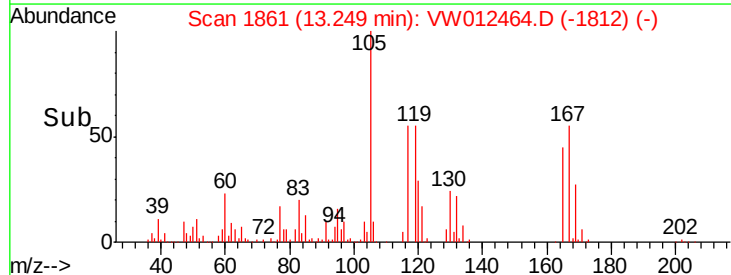
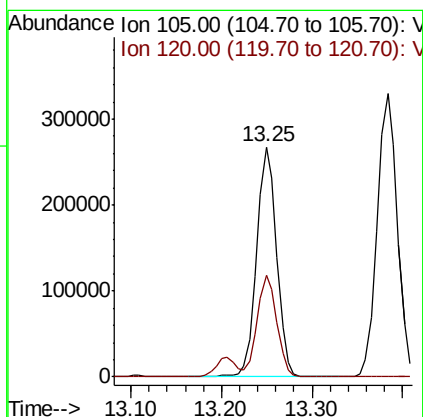
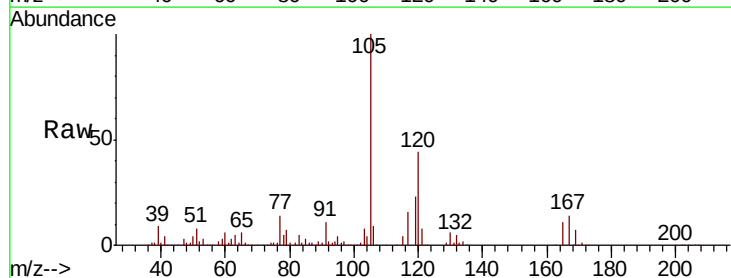
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

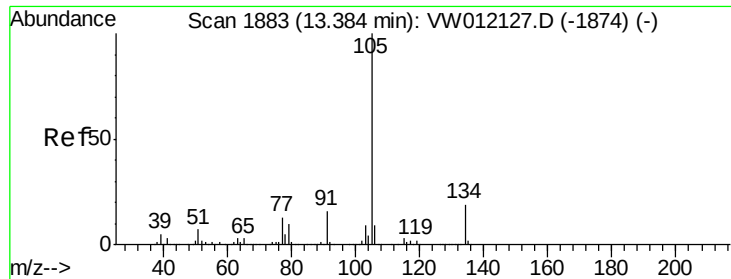
Tgt Ion:119 Resp: 357268
 Ion Ratio Lower Upper
 119 100
 91 70.1 34.8 104.3
 134 25.6 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 54.443 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Tgt Ion:105 Resp: 408138
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.9 65.7

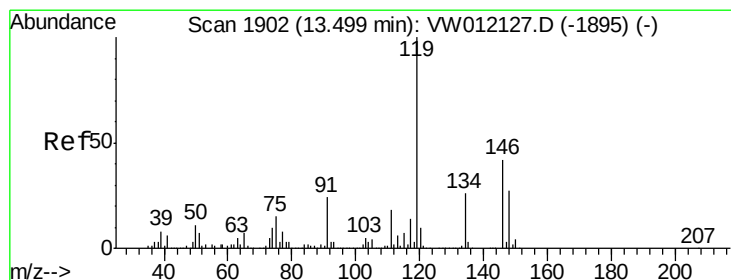
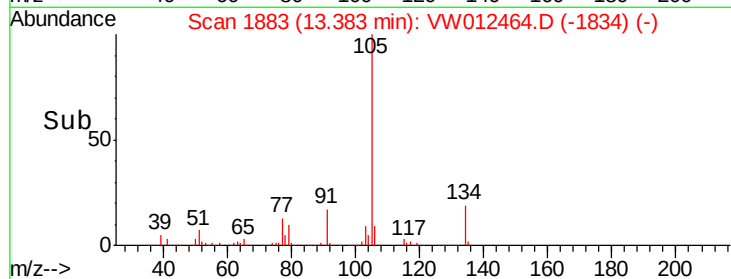
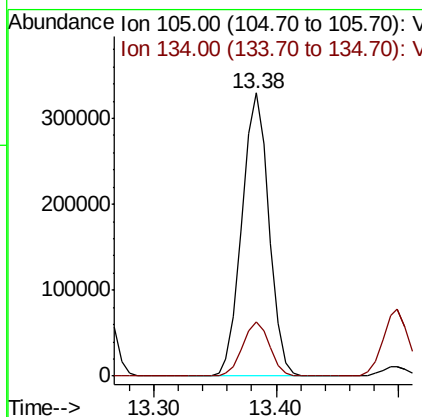
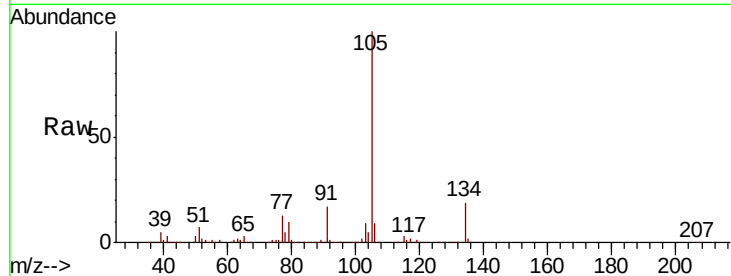




#85
 sec-Butylbenzene
 Concen: 55.785 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

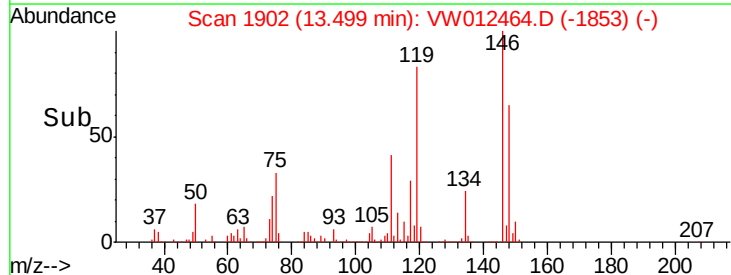
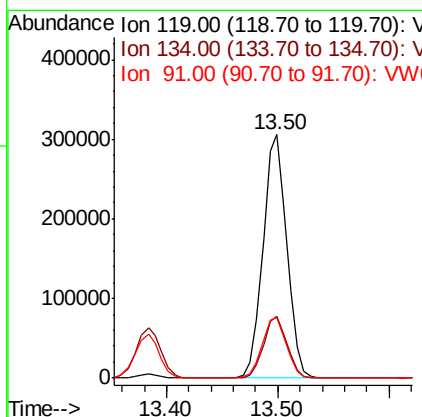
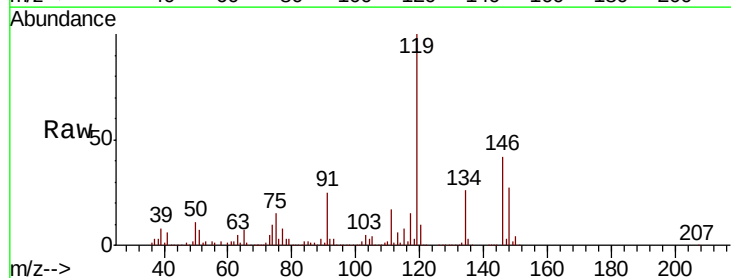
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

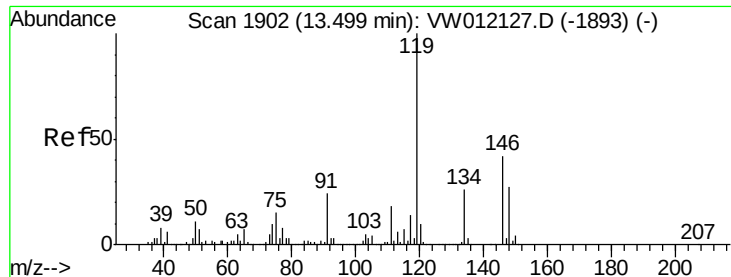
Tgt Ion:105 Resp: 505239
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 56.373 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Tgt Ion:119 Resp: 455963
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.3
 91 25.2 12.3 36.9

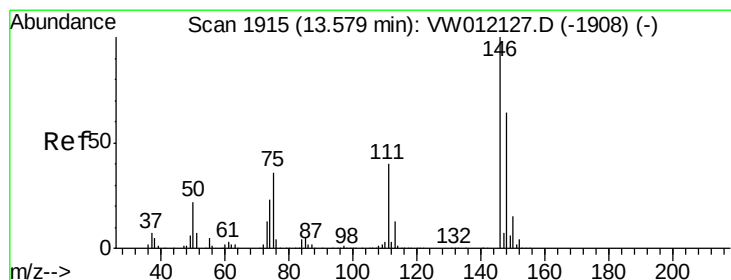
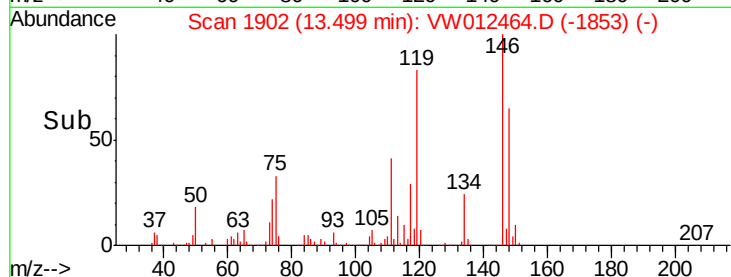
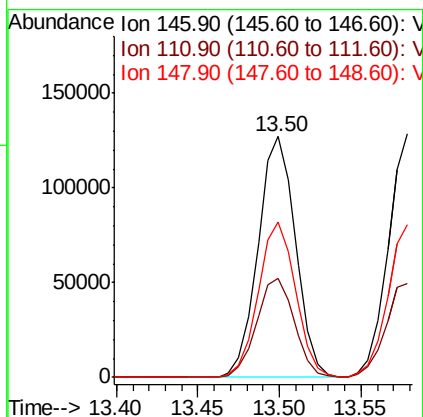
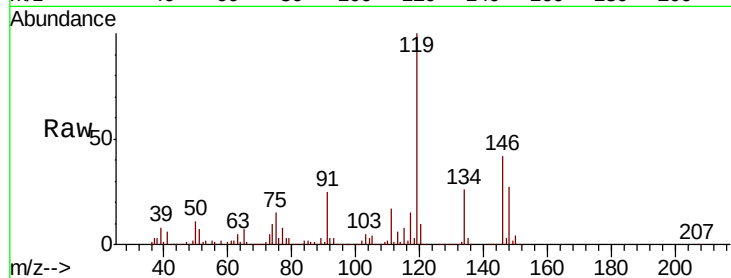




#87
 1,3-Dichlorobenzene
 Concen: 53.702 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

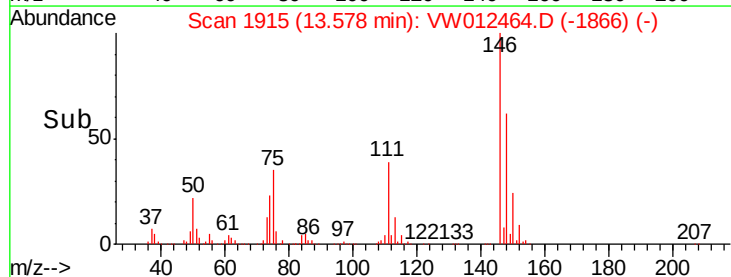
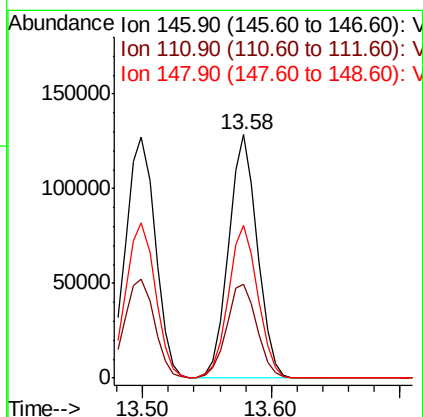
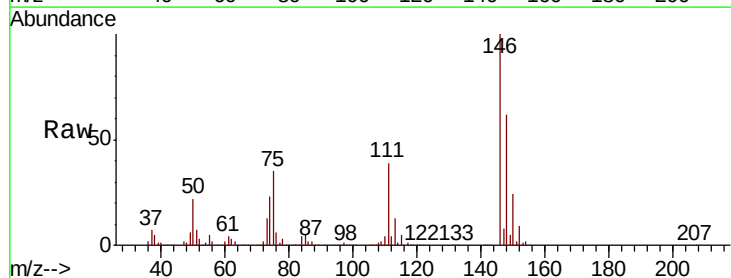
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

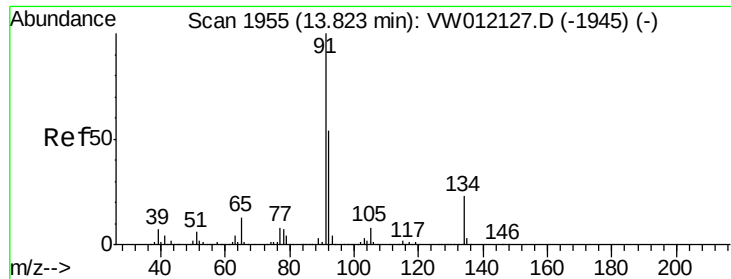
Tgt Ion:146 Resp: 202953
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.7
 148 64.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 53.521 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Tgt Ion:146 Resp: 200836
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.0 60.0
 148 64.2 32.1 96.3





#89

n-Butylbenzene

Concen: 55.968 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012464.D

Acq: 01 Sep 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

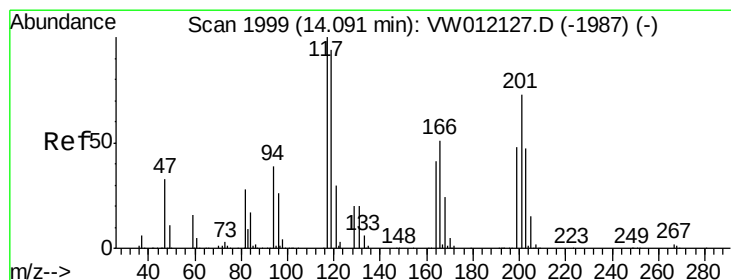
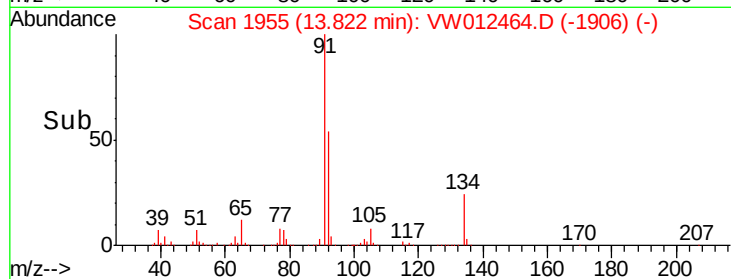
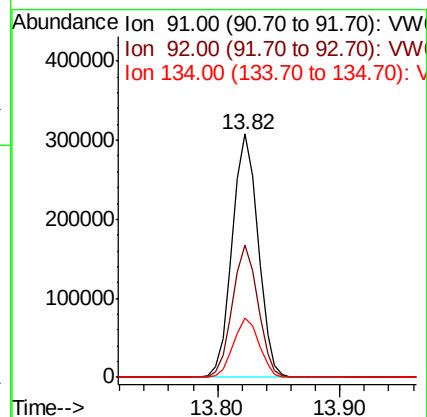
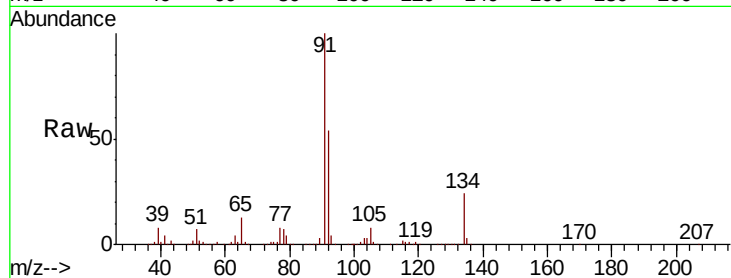
Tgt Ion: 91 Resp: 450170

Ion Ratio Lower Upper

91 100

92 53.7 27.1 81.2

134 24.3 12.2 36.4



#90

Hexachloroethane

Concen: 55.601 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012464.D

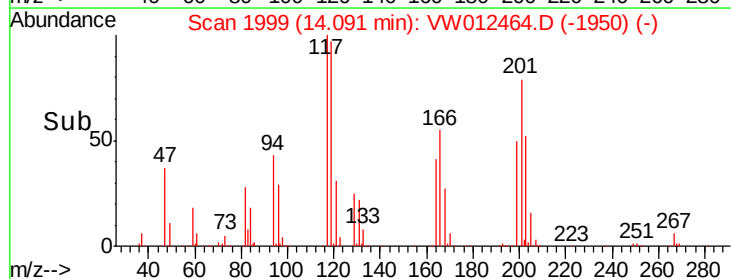
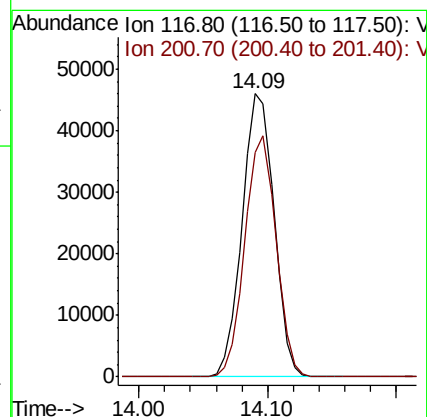
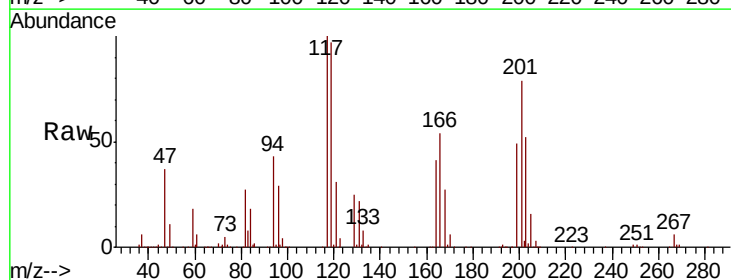
Acq: 01 Sep 2019 22:57

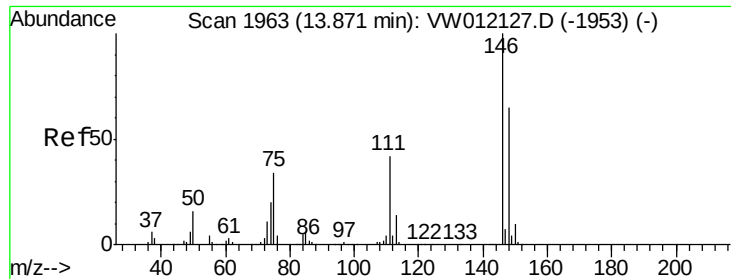
Tgt Ion: 117 Resp: 78902

Ion Ratio Lower Upper

117 100

201 82.9 38.6 115.7

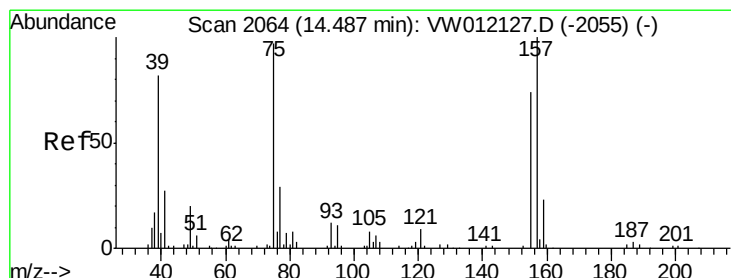
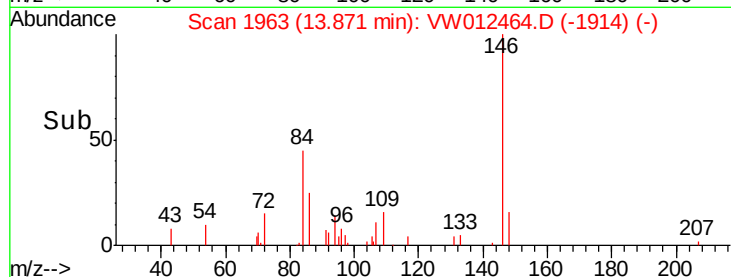
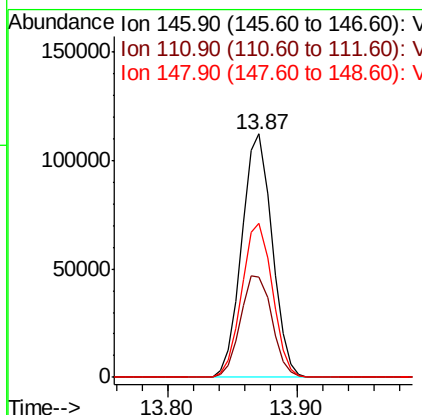
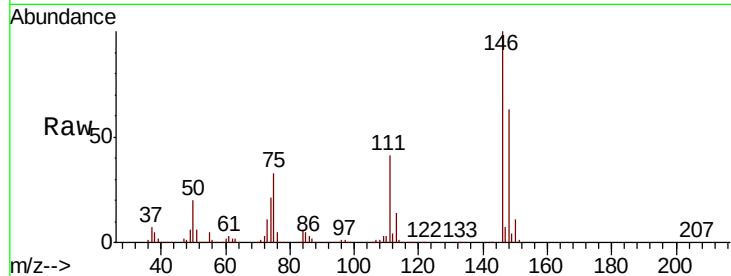




#91
 1,2-Dichlorobenzene
 Concen: 55.199 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

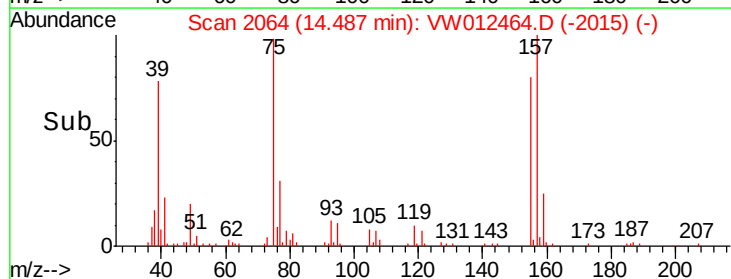
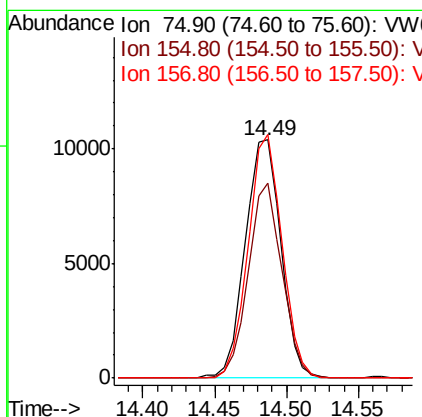
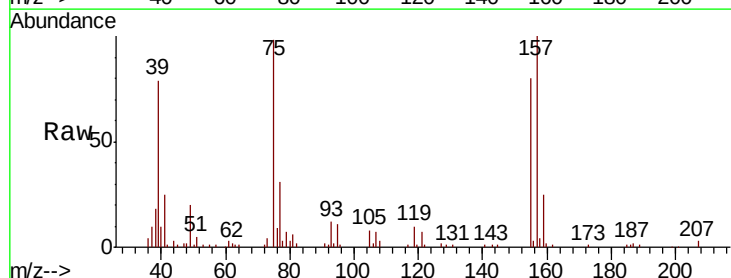
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

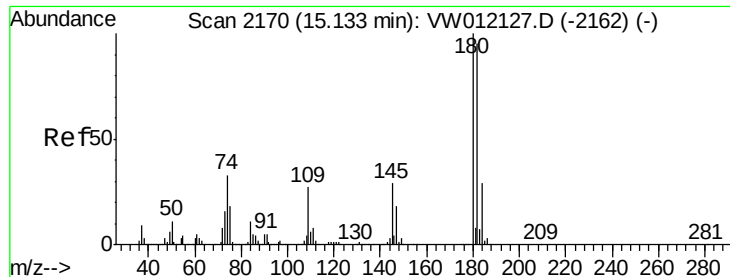
Tgt Ion: 146 Resp: 183006
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.2 63.6
 148 64.1 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 64.544 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Tgt Ion: 75 Resp: 17816
 Ion Ratio Lower Upper
 75 100
 155 77.1 37.5 112.3
 157 96.3 50.5 151.5

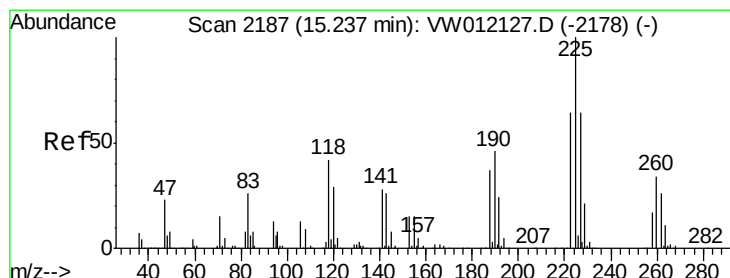
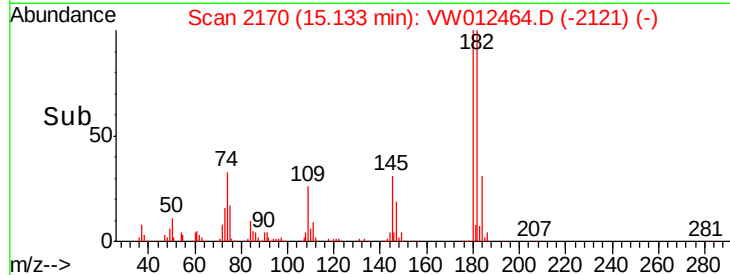
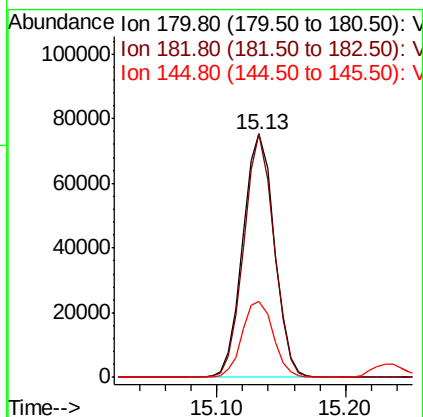
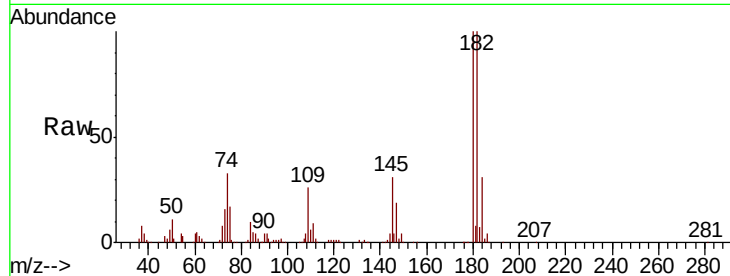




#93
 1,2,4-Trichlorobenzene
 Concen: 55.379 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

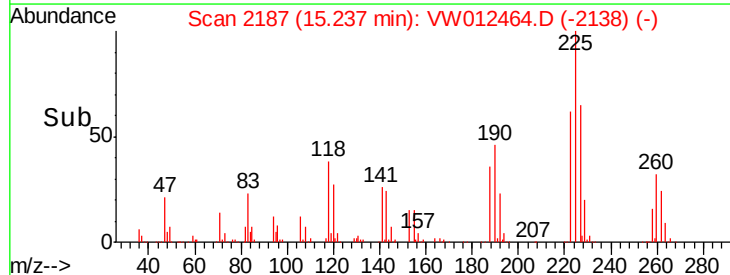
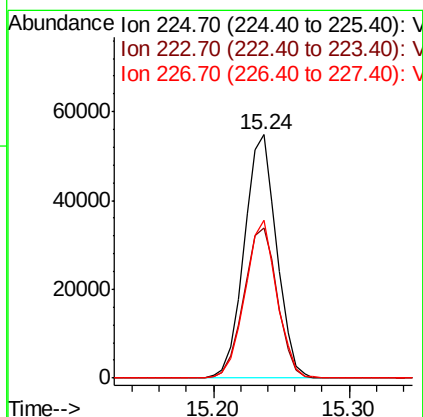
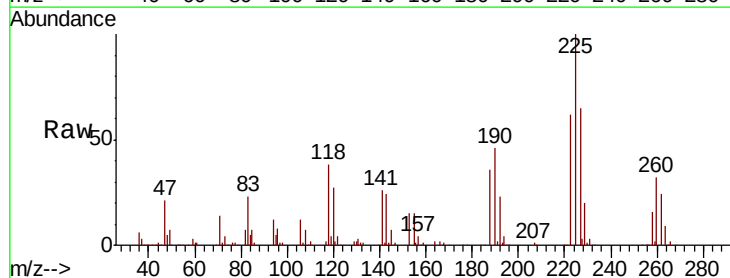
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

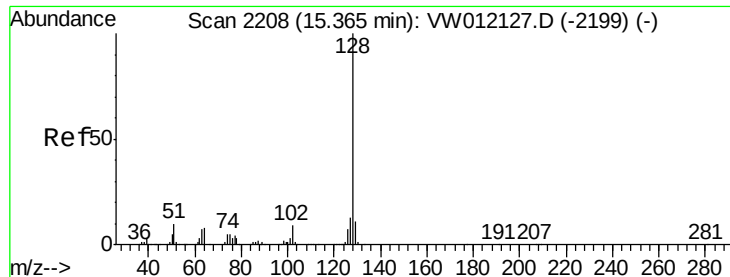
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.4
145	31.1	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 60.065 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012464.D
 Acq: 01 Sep 2019 22:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.3	96.8
227	63.7	32.9	98.6

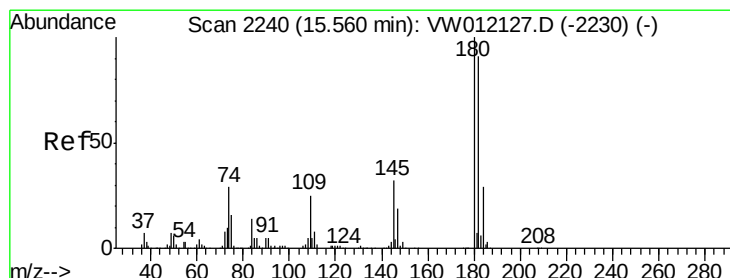
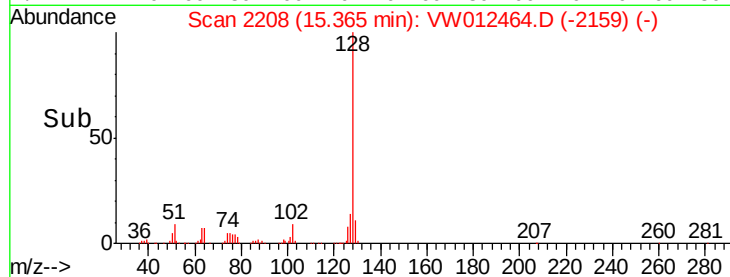
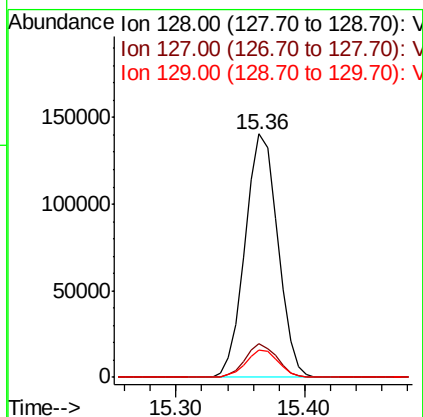
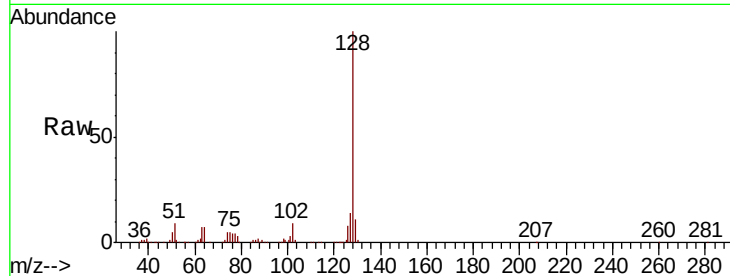




#95
Naphthalene
Concen: 54.392 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 246407
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 56.520 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012464.D
Acq: 01 Sep 2019 22:57

Tgt Ion:180 Resp: 112981
Ion Ratio Lower Upper
180 100
182 94.7 47.1 141.3
145 31.4 16.2 48.5

