

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090219\
 Data File : VW012510.D
 Acq On : 02 Sep 2019 20:02
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 03 07:41:59 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	199957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	323318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	279798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136483	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	122865	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	7.88	113	101415	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
50) Toluene-d8	10.32	98	404936	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.62	95	145634	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	57210	46.466	ug/l	97
3) Chloromethane	2.21	50	92061	48.263	ug/l	98
4) Vinyl Chloride	2.36	62	98495	42.187	ug/l	99
5) Bromomethane	2.76	94	55911	47.286	ug/l	97
6) Chloroethane	2.91	64	63875	48.499	ug/l	98
7) Trichlorofluoromethane	3.25	101	58673	50.048	ug/l	100
8) Diethyl Ether	3.68	74	56124	50.437	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	98526	49.443	ug/l	96
10) Methyl Iodide	4.26	142	148838	55.203	ug/l	99
11) Tert butyl alcohol	5.19	59	40836	285.473	ug/l	100
12) 1,1-Dichloroethene	4.04	96	101034	50.374	ug/l	94
13) Acrolein	3.89	56	8594	63.823	ug/l	97
14) Allyl chloride	4.66	41	225451	52.580	ug/l	99
15) Acrylonitrile	5.37	53	151807	275.237	ug/l	99
16) Acetone	4.12	43	129603	213.299	ug/l	98
17) Carbon Disulfide	4.38	76	283220	46.724	ug/l	99
18) Methyl Acetate	4.67	43	87327	58.027	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	199165	61.405	ug/l	95
20) Methylene Chloride	4.92	84	117097	50.978	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	114863	53.405	ug/l	96
22) Diisopropyl ether	6.31	45	447258	56.274	ug/l	95
23) Vinyl Acetate	6.25	43	1350279	276.061	ug/l	99
24) 1,1-Dichloroethane	6.21	63	237734	54.936	ug/l	100
25) 2-Butanone	7.17	43	216652	262.394	ug/l	99
26) 2,2-Dichloropropane	7.17	77	128754	52.566	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	131538	57.243	ug/l	98
28) Bromochloromethane	7.51	49	95064	50.402	ug/l	94
29) Tetrahydrofuran	7.53	42	141125	284.889	ug/l	98
30) Chloroform	7.67	83	222383	56.169	ug/l	100
31) Cyclohexane	7.95	56	202562	47.311	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	175373	55.993	ug/l	98
36) 1,1-Dichloropropene	8.08	75	174464	52.217	ug/l	99
37) Ethyl Acetate	7.25	43	100617	54.955	ug/l	99
38) Carbon Tetrachloride	8.07	117	152526	52.744	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090219\
 Data File : VW012510.D
 Acq On : 02 Sep 2019 20:02
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 03 07:41:59 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)
39) Methylcyclohexane	9.34	83	194372	51.784	ug/l	97
40) Benzene	8.32	78	493651	54.110	ug/l	98
41) Methacrylonitrile	7.48	41	66971	62.236	ug/l	96
42) 1,2-Dichloroethane	8.40	62	158825	55.547	ug/l	98
43) Isopropyl Acetate	8.42	43	195399	57.616	ug/l	100
44) Trichloroethene	9.09	130	122981	55.452	ug/l	95
45) 1,2-Dichloropropane	9.37	63	132549	53.984	ug/l	98
46) Dibromomethane	9.46	93	60380	55.271	ug/l	96
47) Bromodichloromethane	9.64	83	163749	56.320	ug/l	97
48) Methyl methacrylate	9.43	41	94456	58.519	ug/l	97
49) 1,4-Dioxane	9.46	88	18491	1105.653	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	496611	287.898	ug/l	99
52) Toluene	10.38	92	303852	55.440	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	167885	56.687	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	201232	56.273	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	88755	57.422	ug/l	97
56) Ethyl methacrylate	10.65	69	137705	61.214	ug/l	99
57) 1,3-Dichloropropane	10.93	76	165151	56.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	310640	269.061	ug/l	99
59) 2-Hexanone	10.97	43	337782	276.753	ug/l	99
60) Dibromochloromethane	11.13	129	99492	57.790	ug/l	98
61) 1,2-Dibromoethane	11.23	107	83219	57.792	ug/l	100
64) Tetrachloroethene	10.86	164	104029	57.347	ug/l	99
65) Chlorobenzene	11.66	112	307148	55.749	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	112748	58.661	ug/l	99
67) Ethyl Benzene	11.73	91	595943	56.152	ug/l	100
68) m/p-Xylenes	11.84	106	425534	111.311	ug/l	100
69) o-Xylene	12.16	106	204666	57.844	ug/l	99
70) Styrene	12.18	104	359143	58.642	ug/l	100
71) Bromoform	12.35	173	57146	59.676	ug/l #	100
73) Isopropylbenzene	12.46	105	572465	55.977	ug/l	99
74) N-amyl acetate	12.27	43	178316	57.711	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	103510	55.209	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	137104	103.144	ug/l #	100
77) Bromobenzene	12.74	156	125522	56.734	ug/l	97
78) n-propylbenzene	12.80	91	678099	54.313	ug/l	98
79) 2-Chlorotoluene	12.89	91	389643	54.970	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	476764	55.791	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	32907	54.279	ug/l	99
82) 4-Chlorotoluene	12.99	91	407187	54.863	ug/l	99
83) tert-Butylbenzene	13.21	119	414498	57.261	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	479939	55.909	ug/l	100
85) sec-Butylbenzene	13.38	105	569795	54.942	ug/l	100
86) p-Isopropyltoluene	13.50	119	519167	56.055	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	239838	55.422	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	236181	54.965	ug/l	100
89) n-Butylbenzene	13.82	91	501812	54.484	ug/l	99
90) Hexachloroethane	14.09	117	87869	54.075	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	213768	56.309	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17868	56.531	ug/l	98

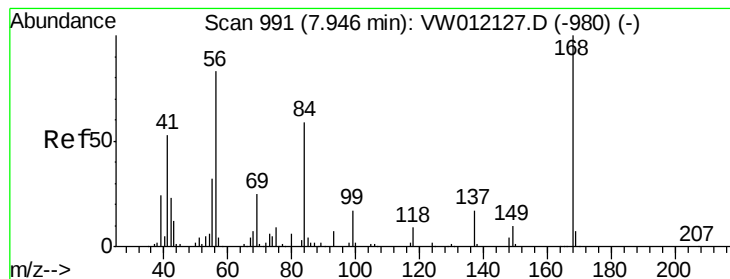
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090219\
Data File : VW012510.D
Acq On : 02 Sep 2019 20:02
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 03 07:41:59 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.13	180	155564	59.296	ug/l	100
94) Hexachlorobutadiene	15.24	225	96702	55.823	ug/l	99
95) Naphthalene	15.36	128	290498	55.873	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	136171	59.491	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: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

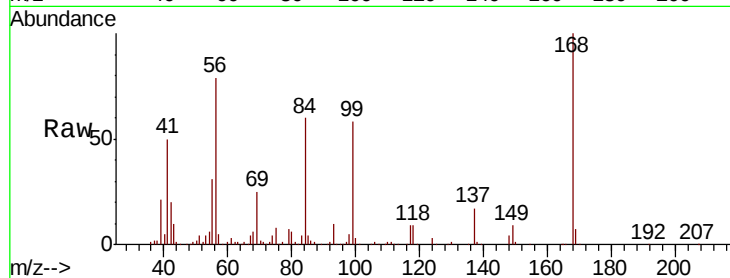
VSTDCCC050EC

Tgt Ion:168 Resp: 199957

Ion Ratio Lower Upper

168 100

99 57.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

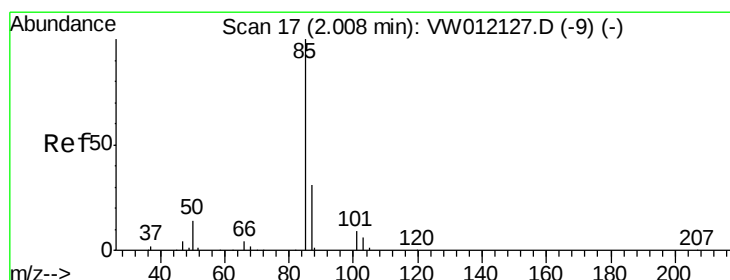
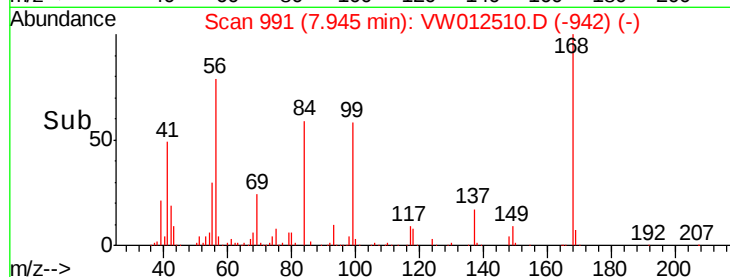
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.466 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012510.D

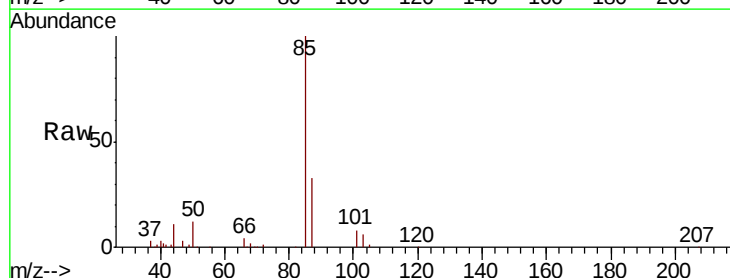
Acq: 02 Sep 2019 20:02

Tgt Ion: 85 Resp: 57210

Ion Ratio Lower Upper

85 100

87 33.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

10000

5000

0

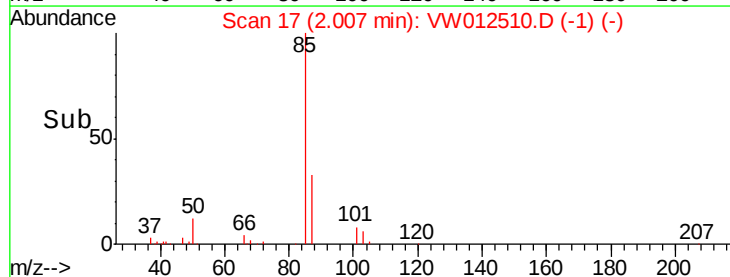
1.90

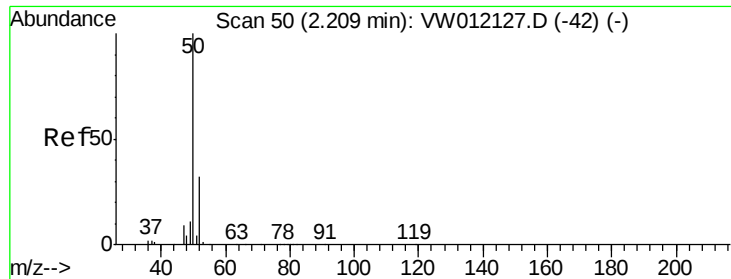
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 48.263 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

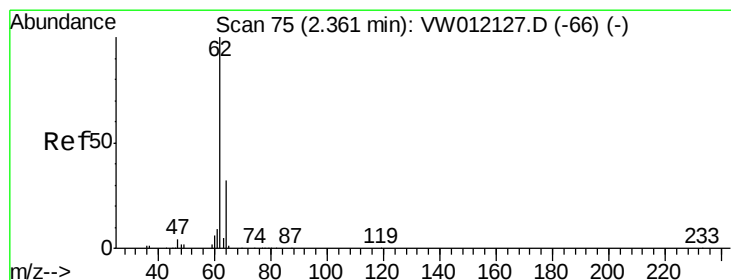
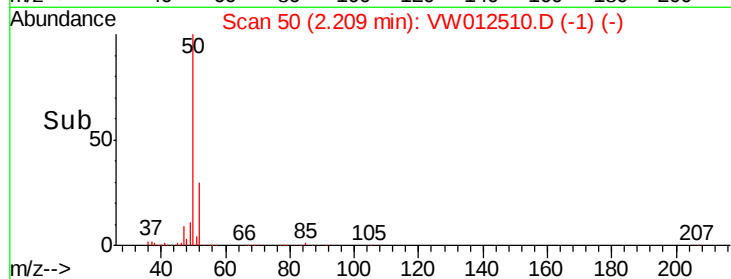
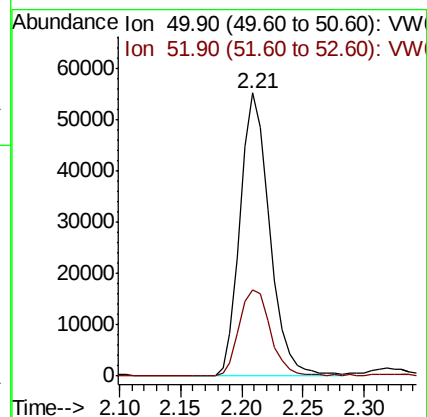
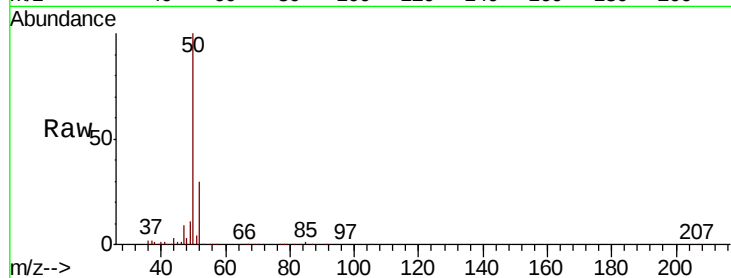
VSTDCCC050EC

Tgt Ion: 50 Resp: 92061

Ion Ratio Lower Upper

50 100

52 30.5 25.5 38.3



#4

Vinyl Chloride

Concen: 42.187 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012510.D

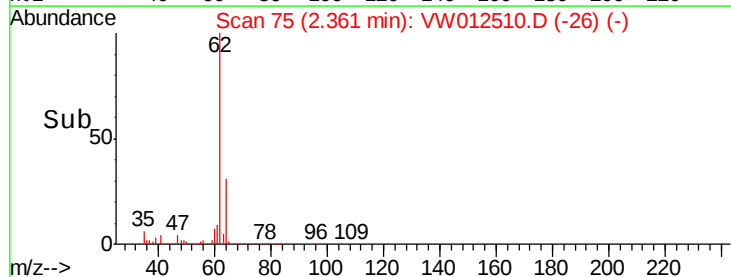
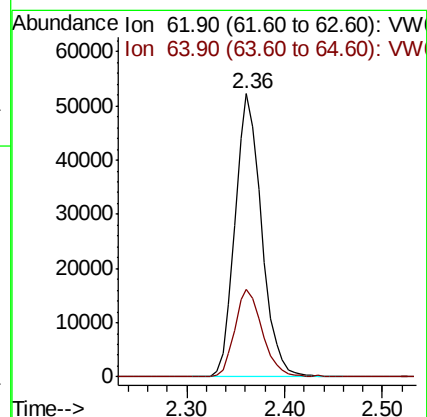
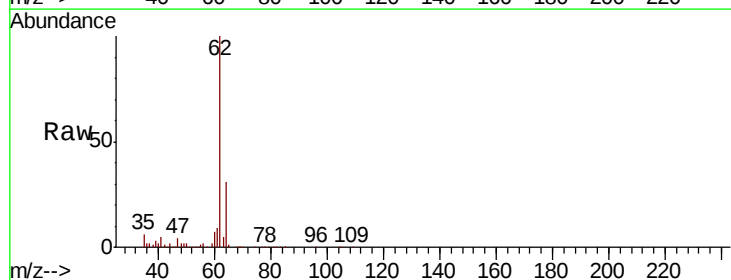
Acq: 02 Sep 2019 20:02

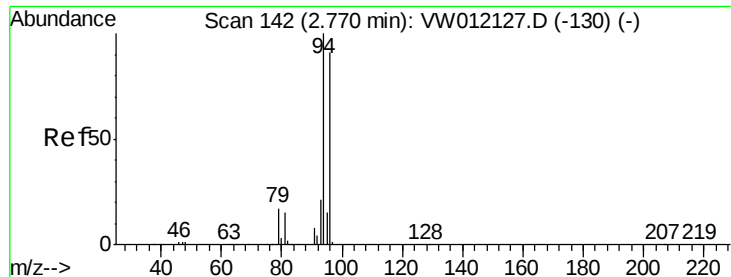
Tgt Ion: 62 Resp: 98495

Ion Ratio Lower Upper

62 100

64 30.9 25.3 37.9





#5

Bromomethane

Concen: 47.286 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

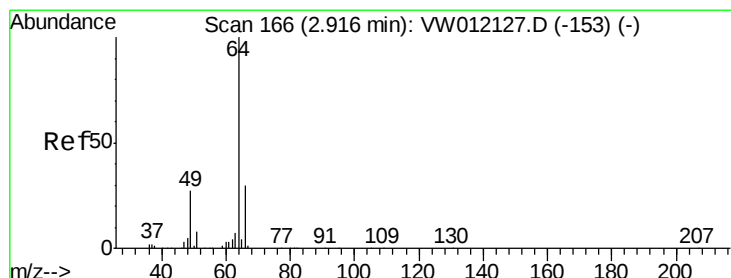
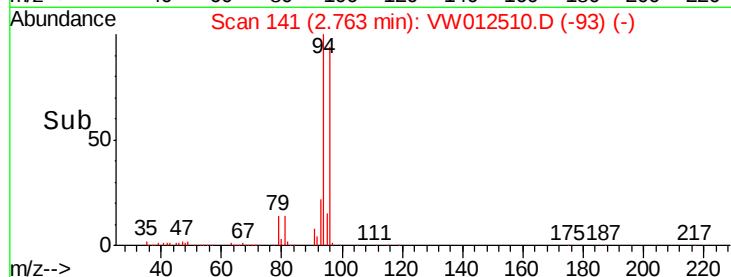
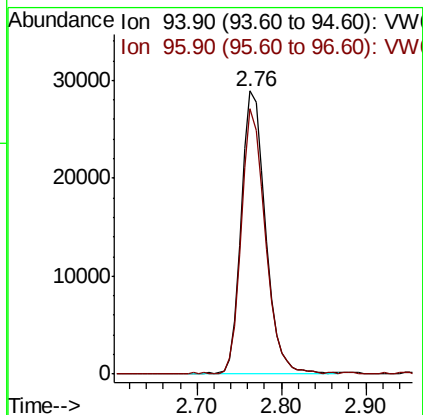
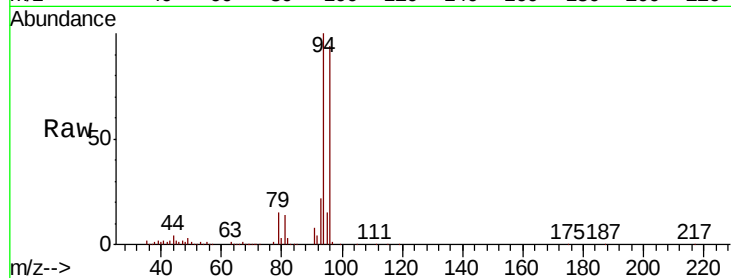
VSTDCCC050EC

Tgt Ion: 94 Resp: 55911

Ion Ratio Lower Upper

94 100

96 93.7 72.9 109.3



#6

Chloroethane

Concen: 48.499 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012510.D

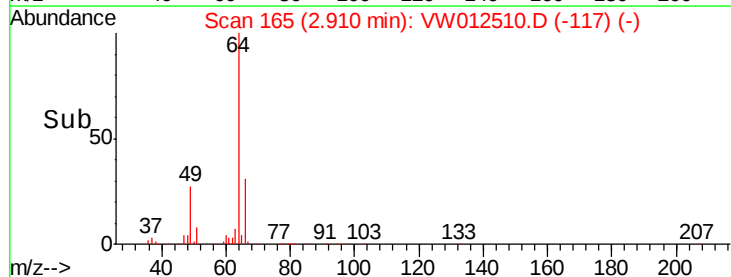
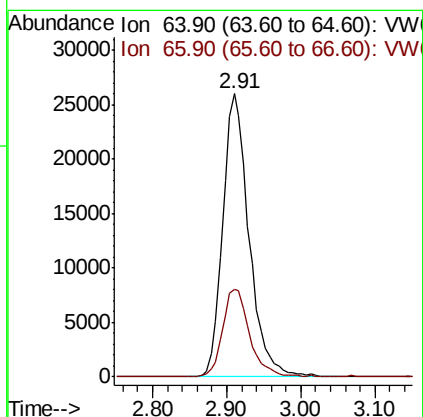
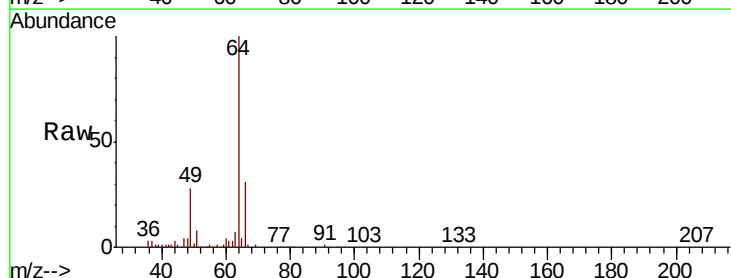
Acq: 02 Sep 2019 20:02

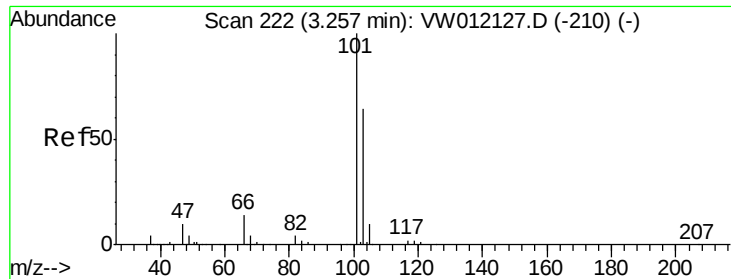
Tgt Ion: 64 Resp: 63875

Ion Ratio Lower Upper

64 100

66 30.7 23.8 35.8



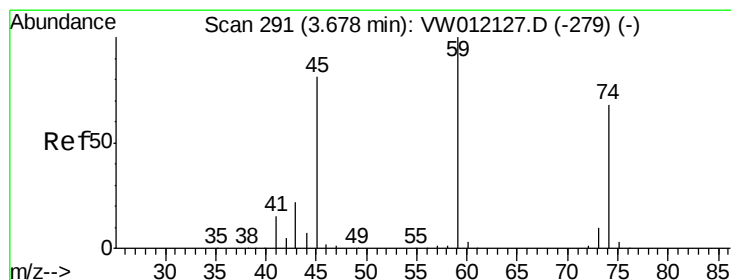
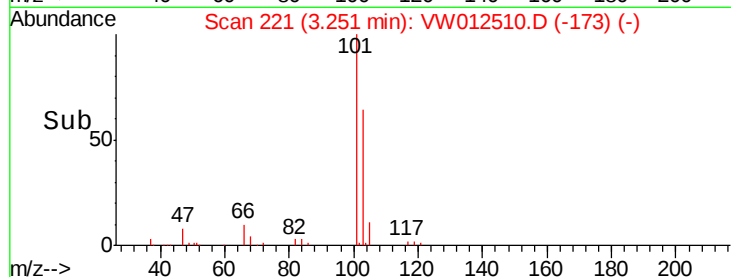
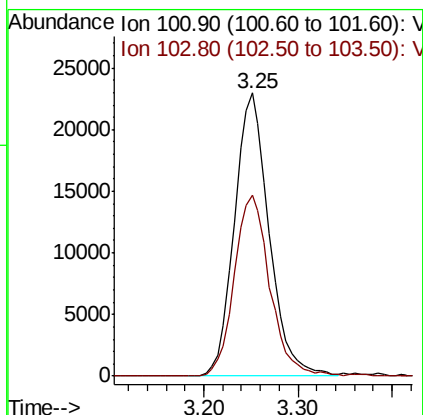
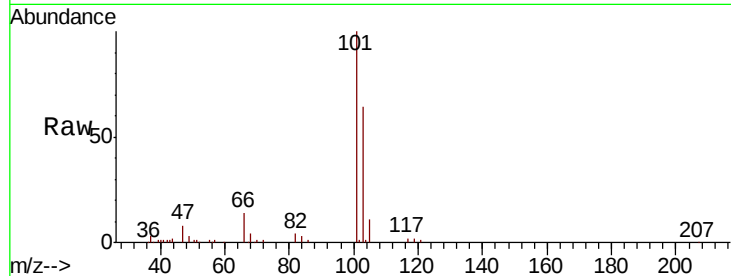


#7

Trichlorofluoromethane
 Concen: 50.048 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

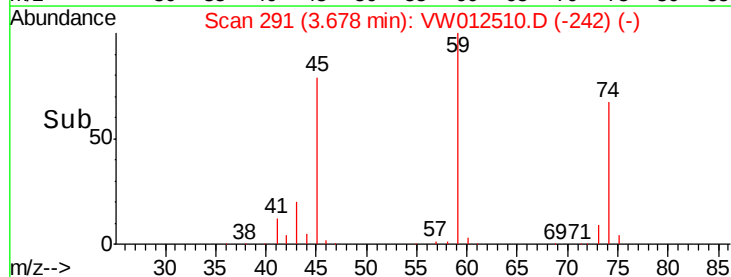
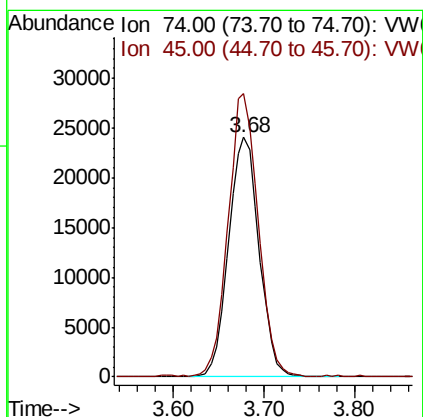
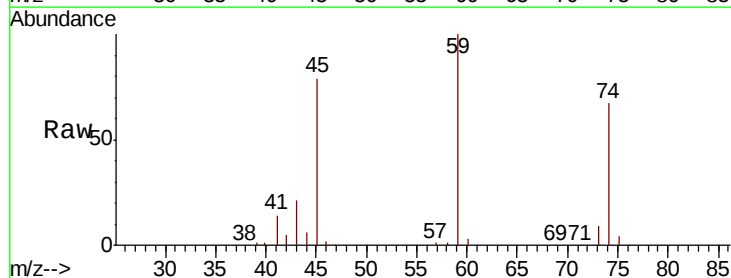
Tgt Ion:101 Resp: 58673
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.2 76.8

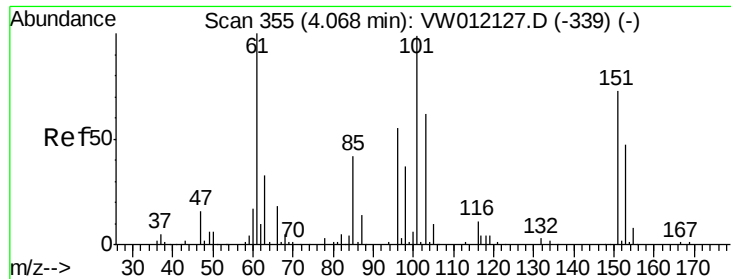


#8

Diethyl Ether
 Concen: 50.437 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

Tgt Ion: 74 Resp: 56124
 Ion Ratio Lower Upper
 74 100
 45 117.4 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.443 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

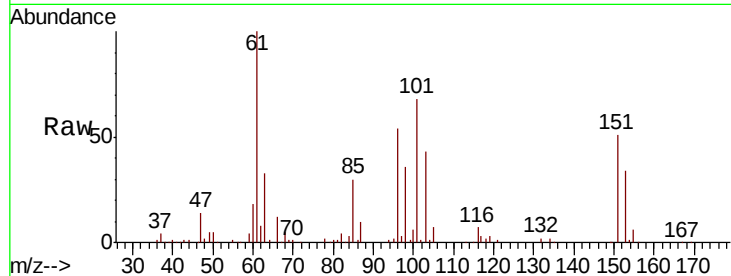
Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 98526

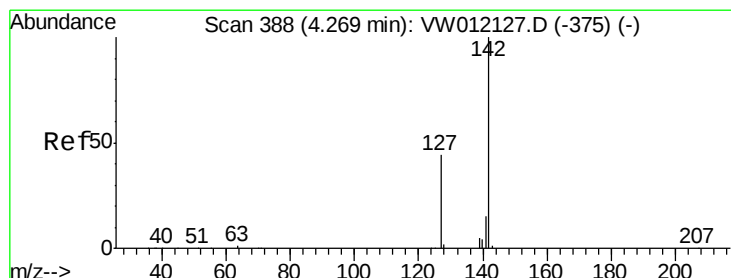
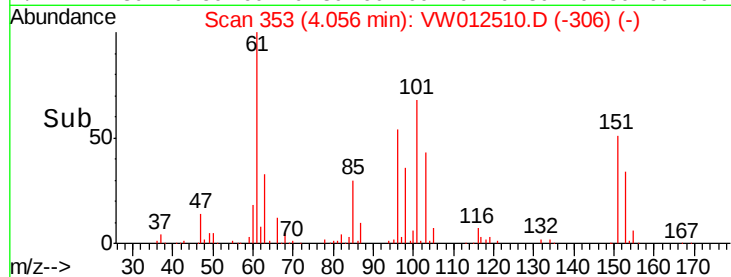
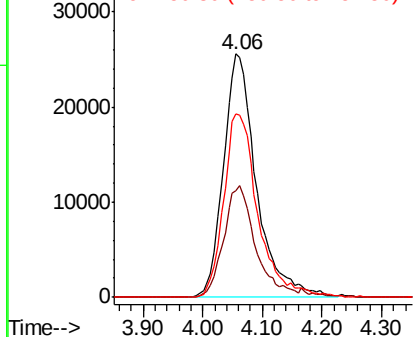
Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.8	53.6
151	78.4	58.6	87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.203 ug/l

RT: 4.26 min Scan# 387

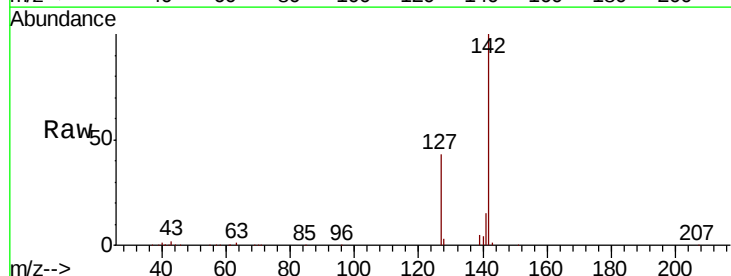
Delta R.T. -0.01 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Tgt Ion:142 Resp: 148838

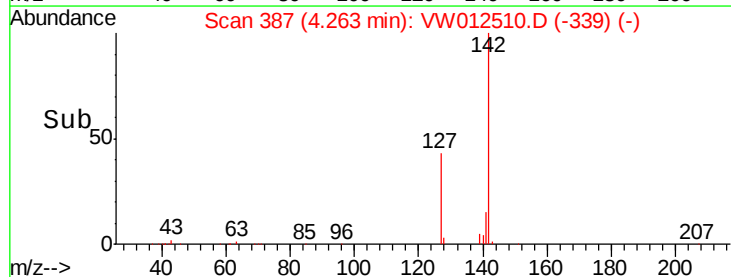
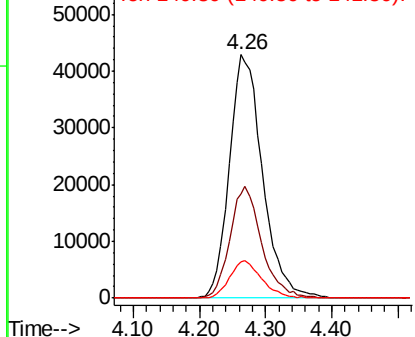
Ion	Ratio	Lower	Upper
142	100		
127	44.0	35.5	53.3
141	15.0	11.8	17.8

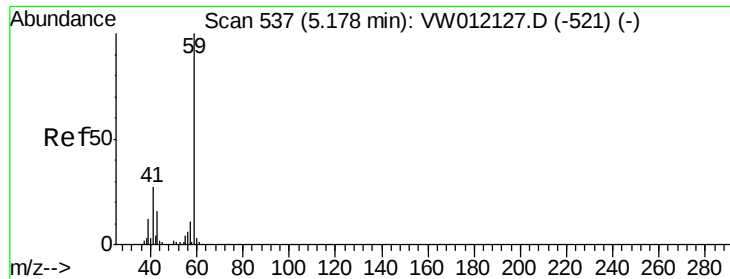


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



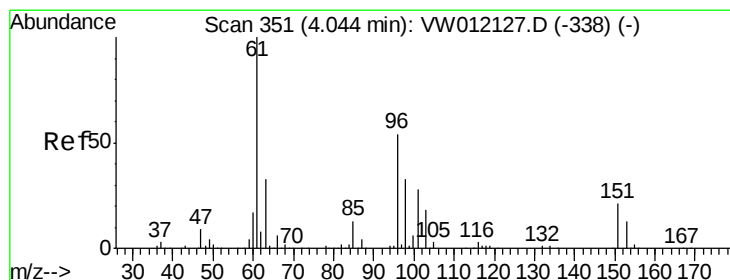
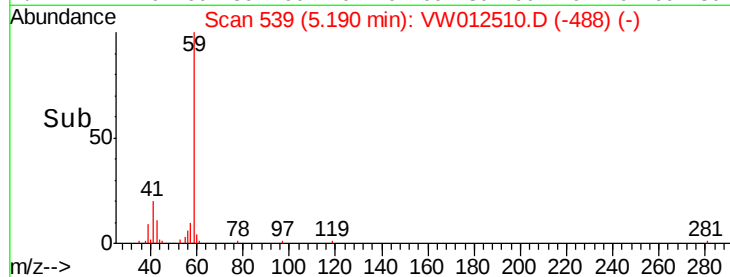
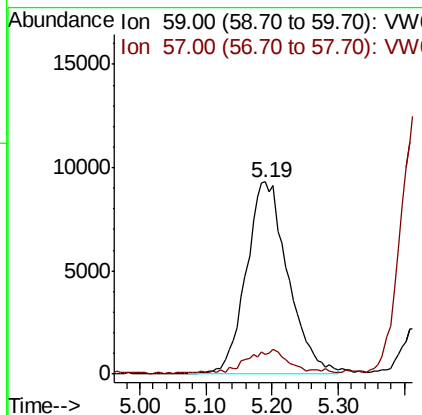
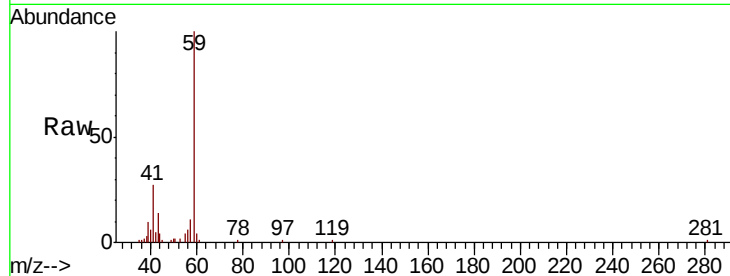


#11

Tert butyl alcohol
 Concen: 285.473 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

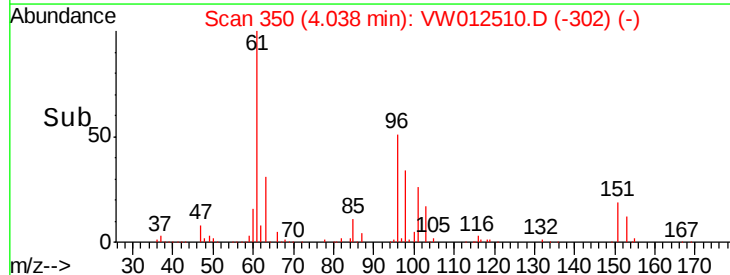
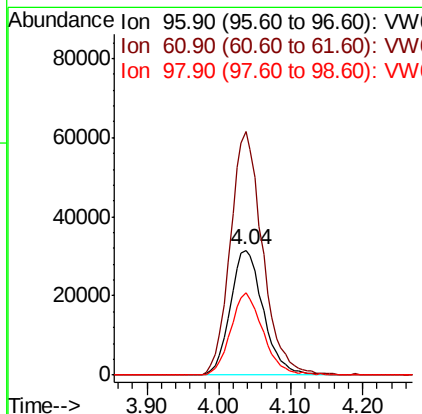
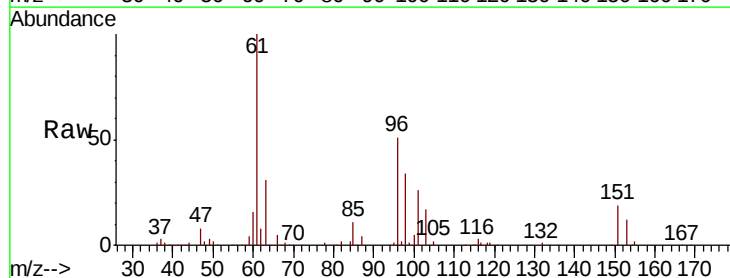
Tgt Ion: 59 Resp: 40836
 Ion Ratio Lower Upper
 59 100
 57 11.3 9.0 13.4

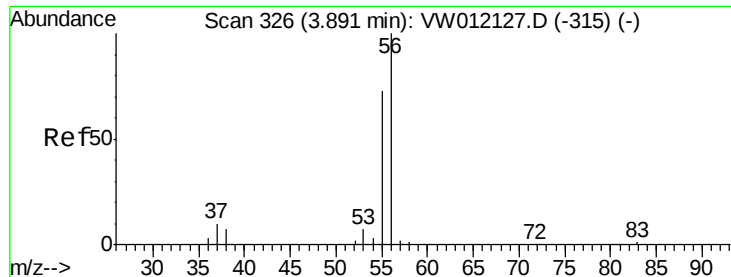


#12

1,1-Dichloroethene
 Concen: 50.374 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

Tgt Ion: 96 Resp: 101034
 Ion Ratio Lower Upper
 96 100
 61 195.1 149.1 223.7
 98 66.2 49.4 74.2





#13

Acrolein

Concen: 63.823 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

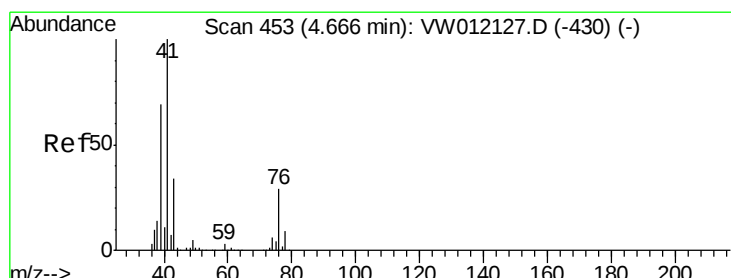
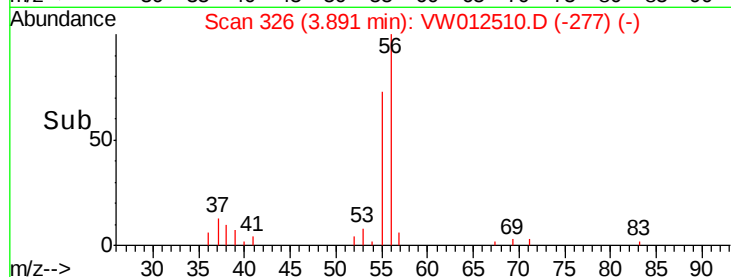
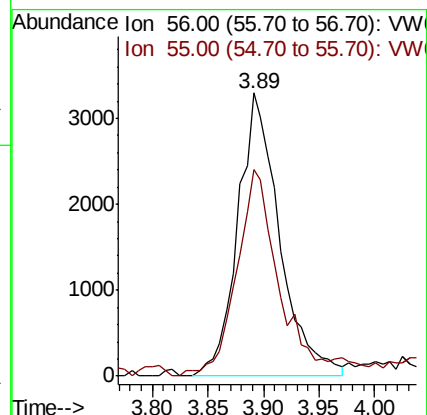
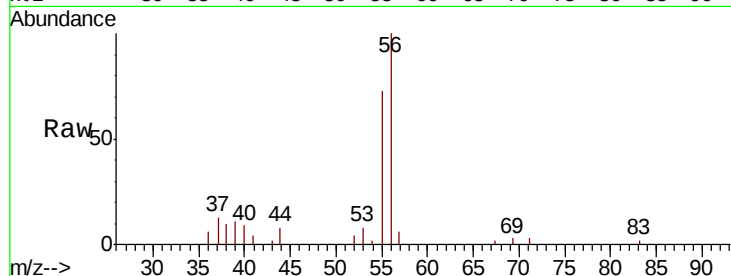
VSTDCCC050EC

Tgt Ion: 56 Resp: 8594

Ion Ratio Lower Upper

56 100

55 72.6 55.8 83.8



#14

Allyl chloride

Concen: 52.580 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

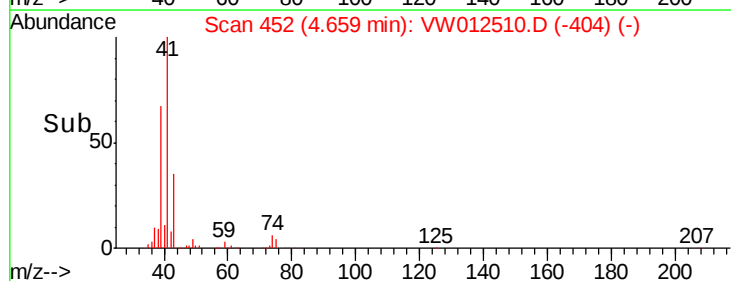
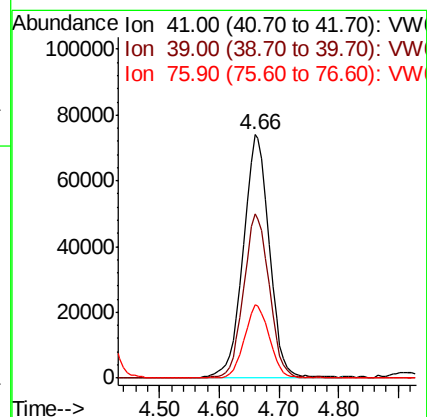
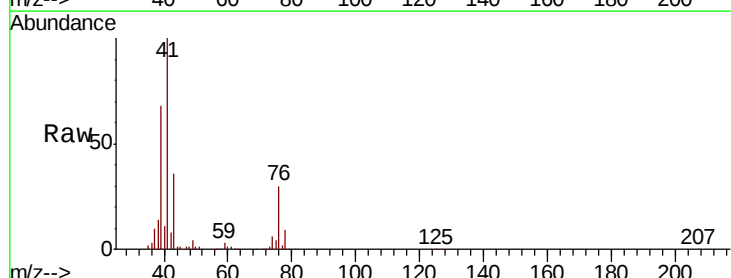
Tgt Ion: 41 Resp: 225451

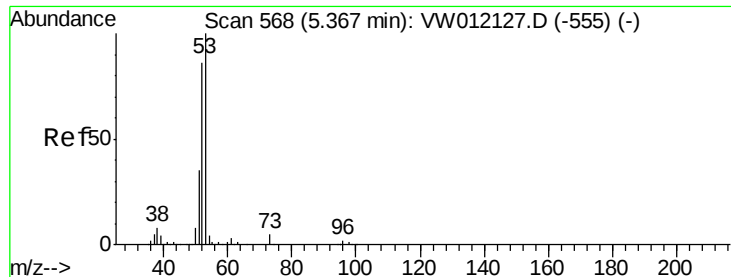
Ion Ratio Lower Upper

41 100

39 66.2 53.4 80.2

76 28.9 22.1 33.1





#15

Acrylonitrile

Concen: 275.237 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

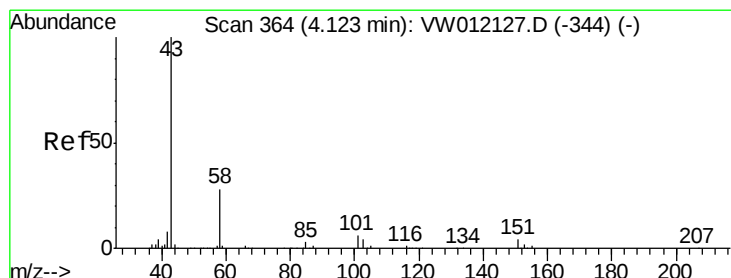
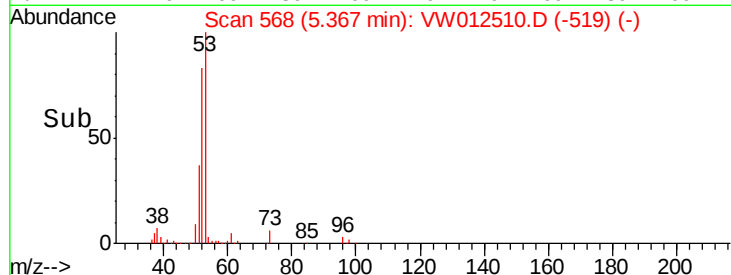
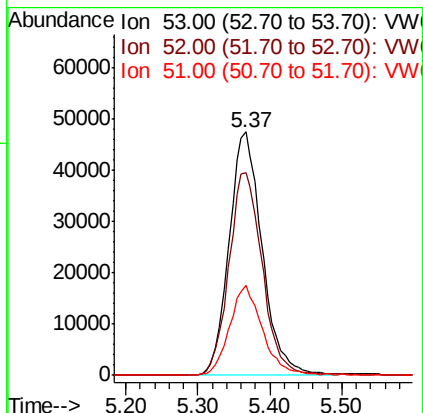
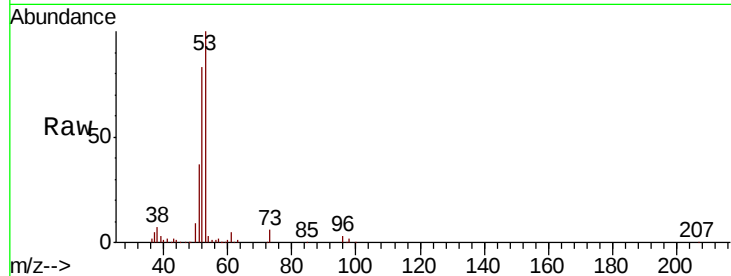
Tgt Ion: 53 Resp: 151807

Ion Ratio Lower Upper

53 100

52 84.1 66.7 100.1

51 37.1 30.1 45.1



#16

Acetone

Concen: 213.299 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012510.D

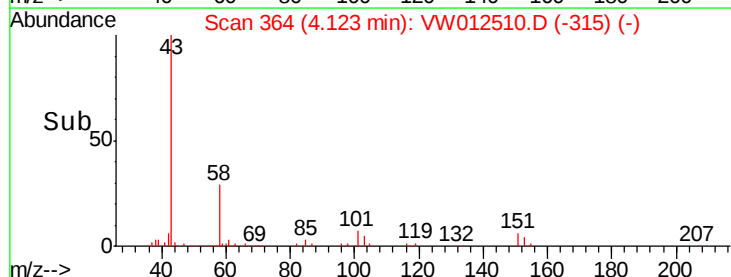
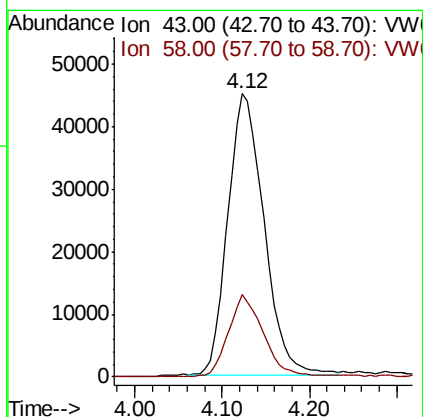
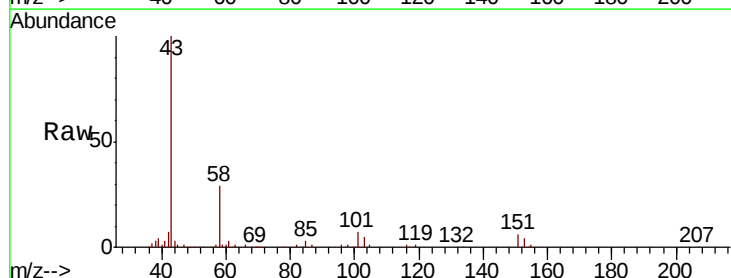
Acq: 02 Sep 2019 20:02

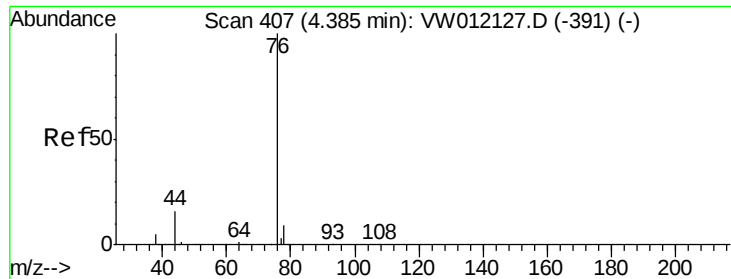
Tgt Ion: 43 Resp: 129603

Ion Ratio Lower Upper

43 100

58 29.1 22.4 33.6

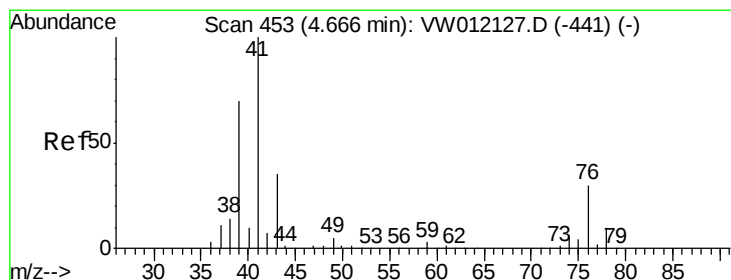
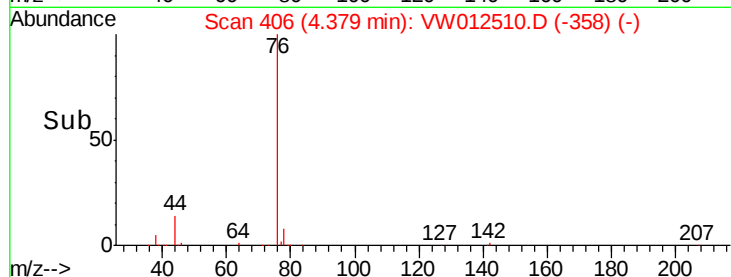
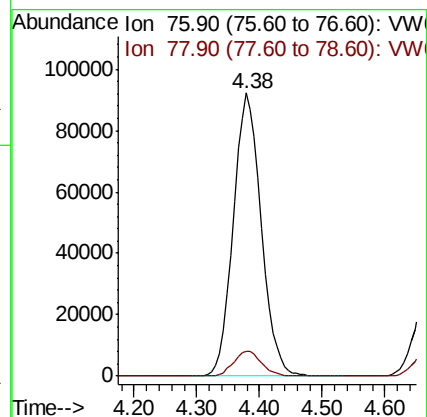
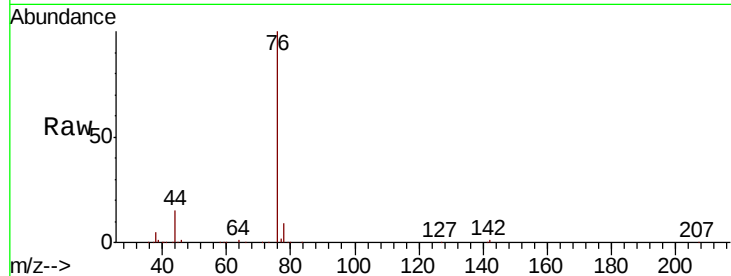




#17
Carbon Disulfide
Concen: 46.724 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

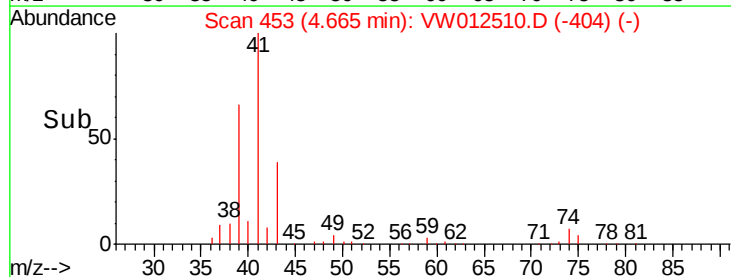
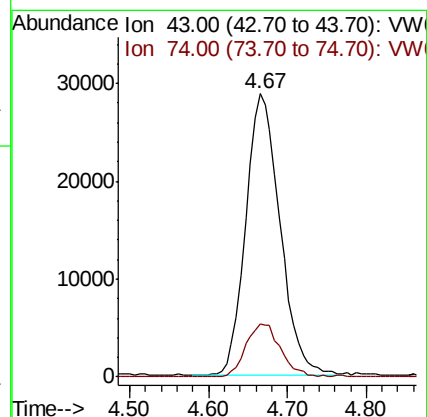
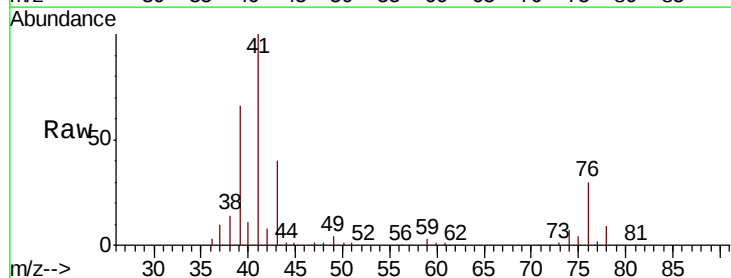
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

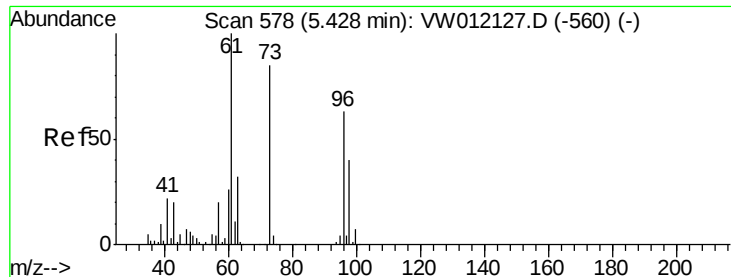
Tgt Ion: 76 Resp: 283220
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 58.027 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion: 43 Resp: 87327
Ion Ratio Lower Upper
43 100
74 19.1 15.7 23.5

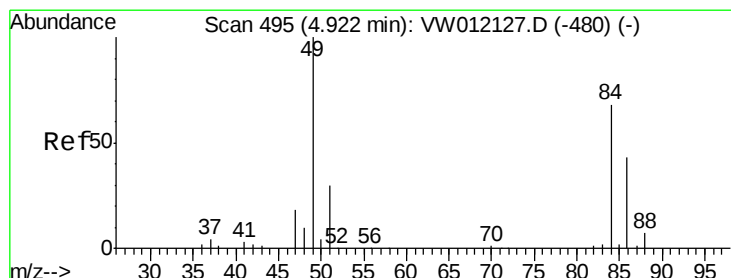
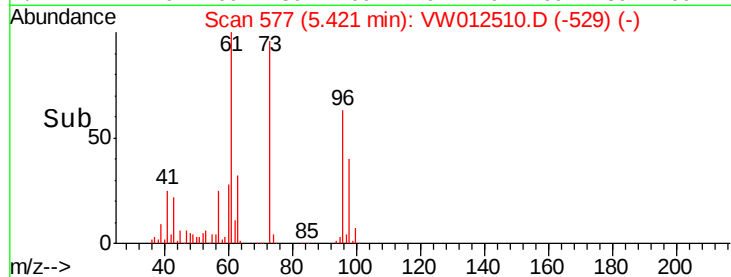
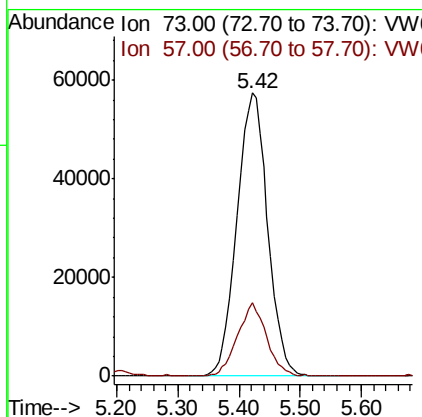
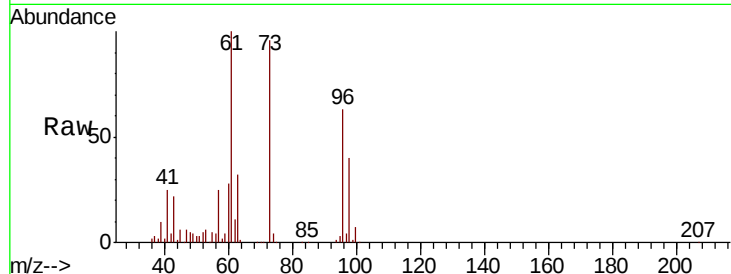




#19
Methyl tert-butyl Ether
Concen: 61.405 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

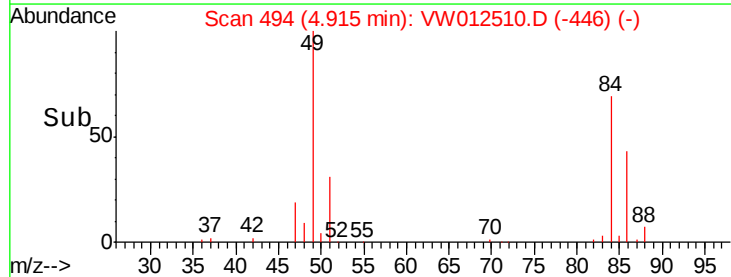
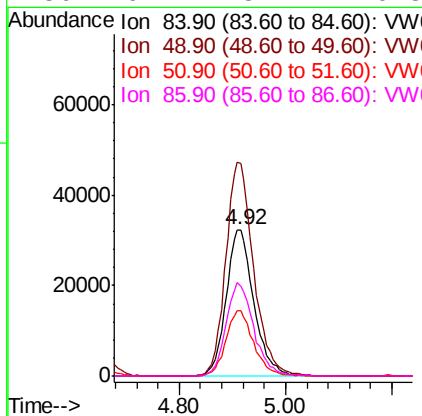
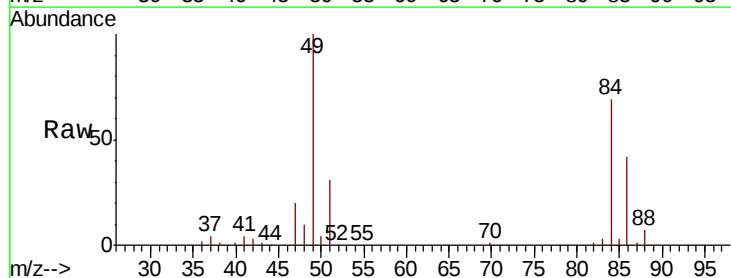
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

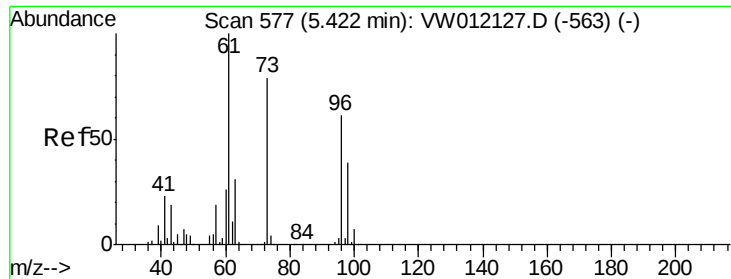
Tgt Ion: 73 Resp: 199165
Ion Ratio Lower Upper
73 100
57 25.9 18.9 28.3



#20
Methylene Chloride
Concen: 50.978 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion: 84 Resp: 117097
Ion Ratio Lower Upper
84 100
49 145.9 117.8 176.8
51 45.0 35.6 53.4
86 61.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 53.405 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

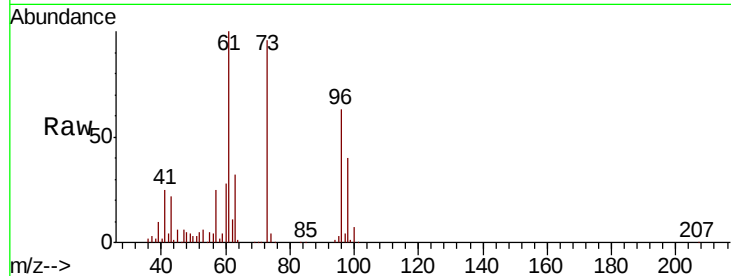
Tgt Ion: 96 Resp: 114863

Ion Ratio Lower Upper

96 100

61 158.0 131.4 197.0

98 63.4 51.4 77.0

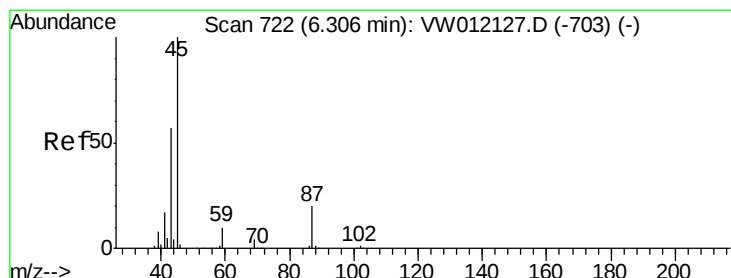
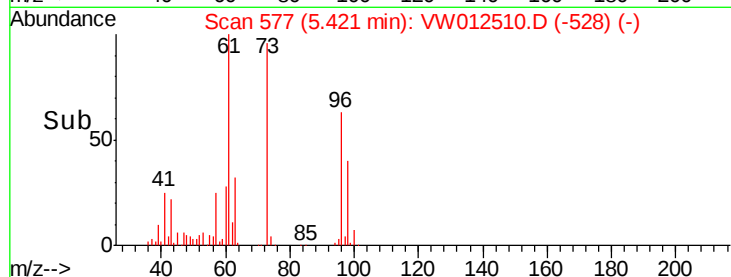
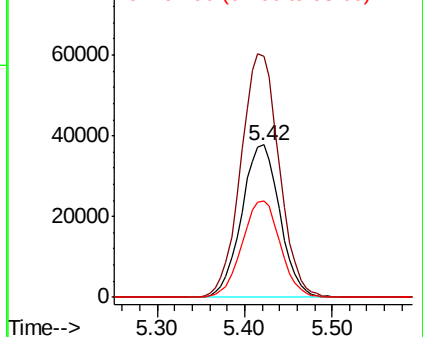


Abundance

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: 56.274 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Tgt Ion: 45 Resp: 447258

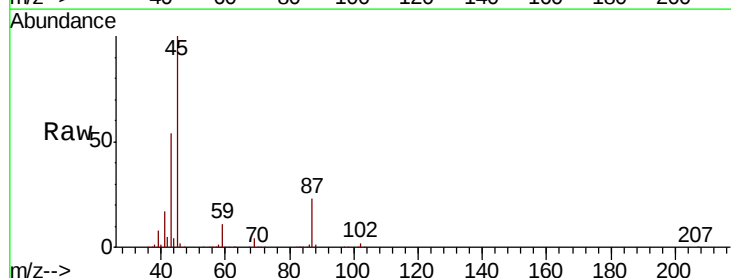
Ion Ratio Lower Upper

45 100

43 53.5 45.5 68.3

87 22.8 16.1 24.1

59 10.6 8.2 12.2



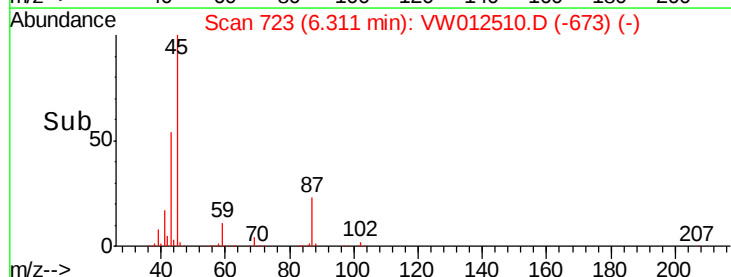
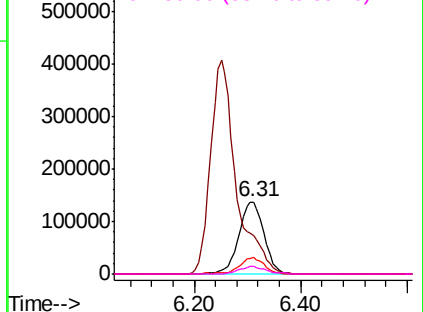
Abundance

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: 276.061 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

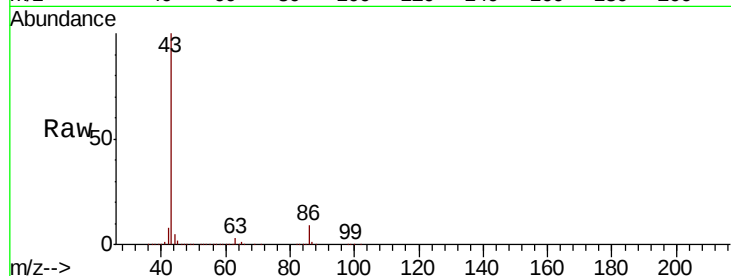
VSTDCCC050EC

Tgt Ion: 43 Resp: 1350279

Ion Ratio Lower Upper

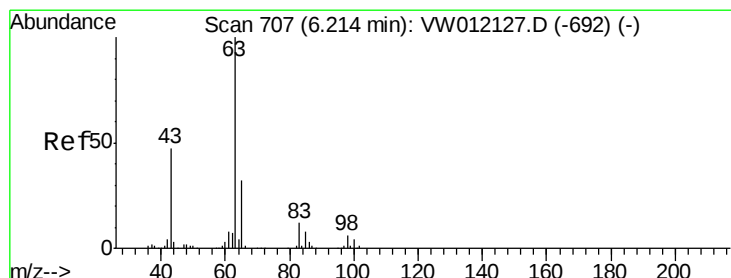
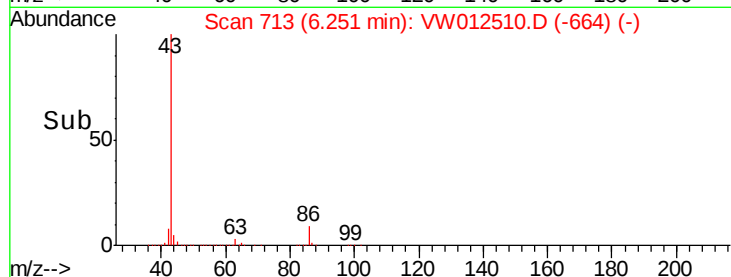
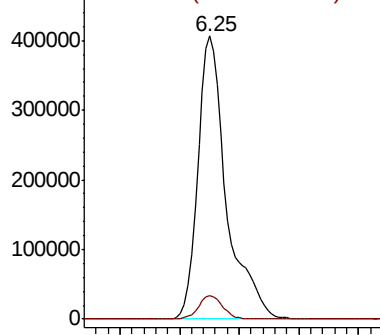
43 100

86 8.5 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 54.936 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

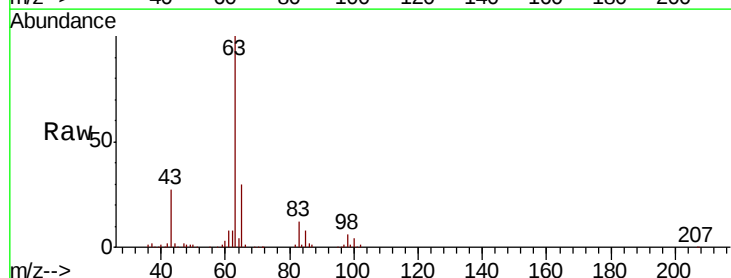
Tgt Ion: 63 Resp: 237734

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

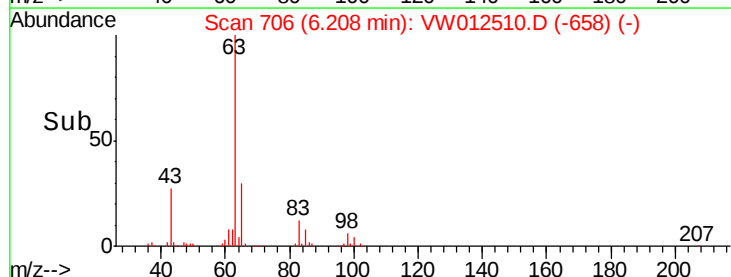
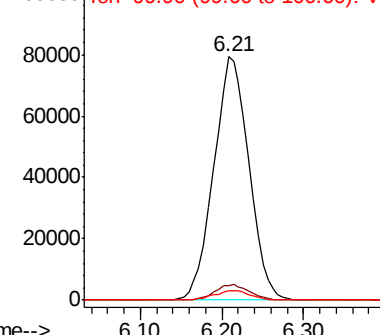
100 4.1 2.0 6.0

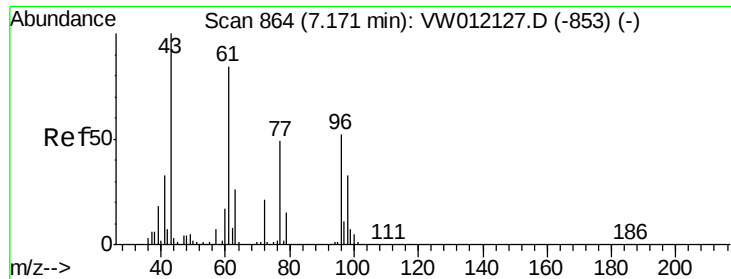


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 262.394 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

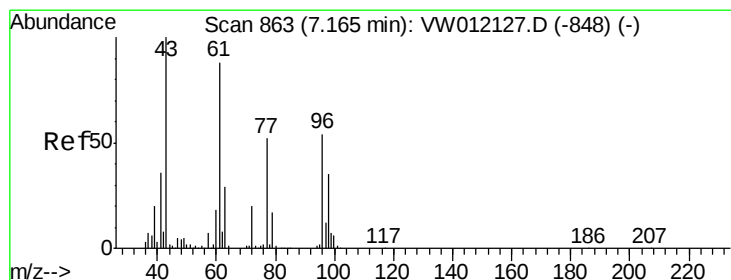
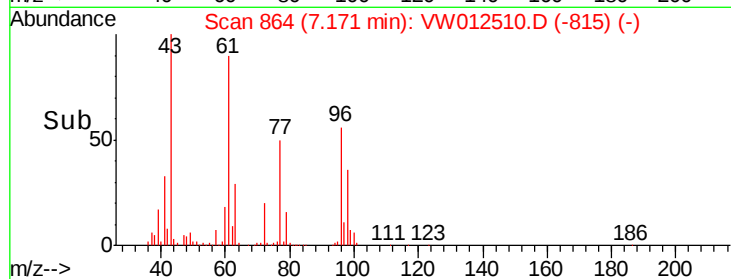
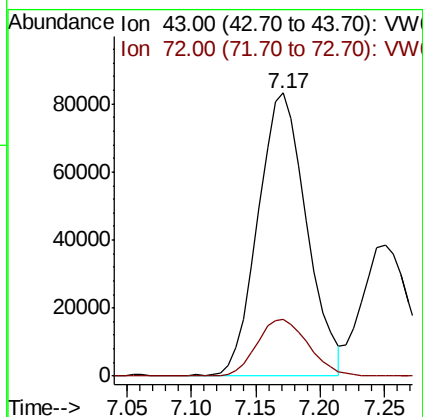
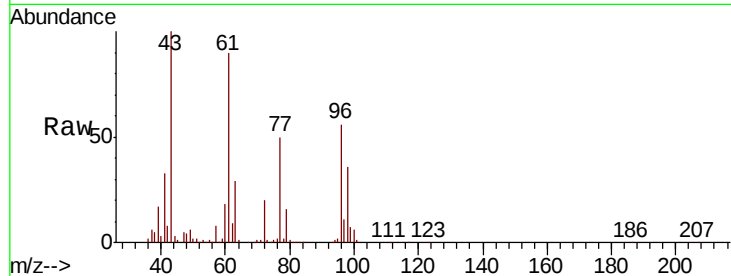
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 216652

Ion Ratio Lower Upper

43 100

72 20.4 16.6 24.8



#26

2,2-Dichloropropane

Concen: 52.566 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012510.D

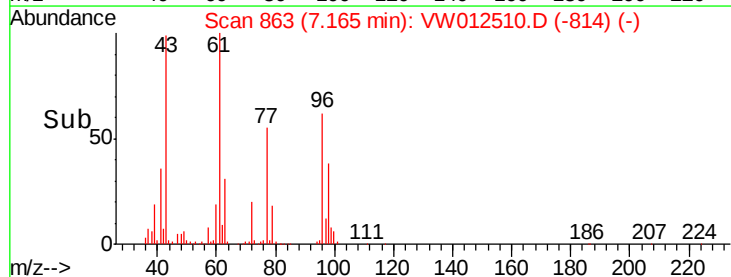
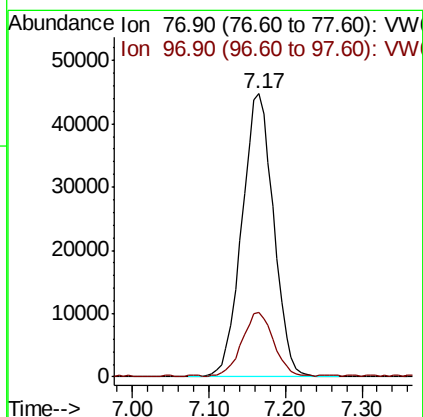
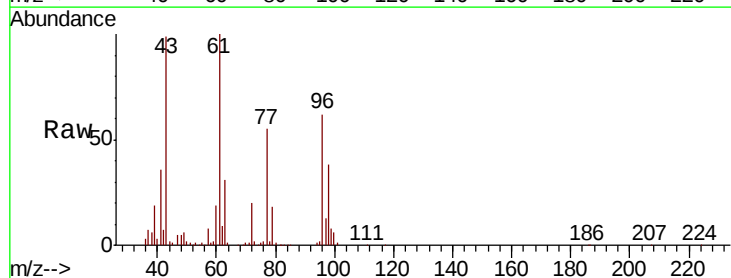
Acq: 02 Sep 2019 20:02

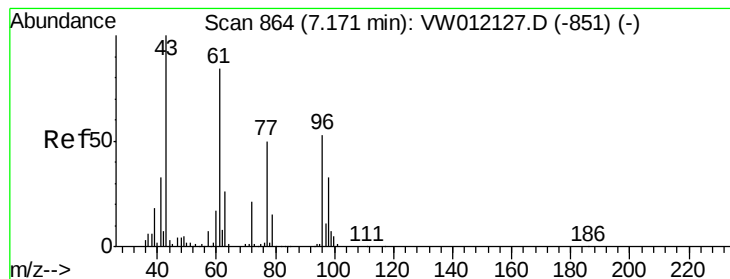
Tgt Ion: 77 Resp: 128754

Ion Ratio Lower Upper

77 100

97 22.3 11.1 33.1



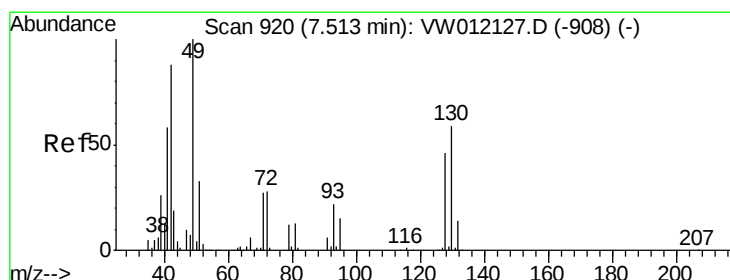
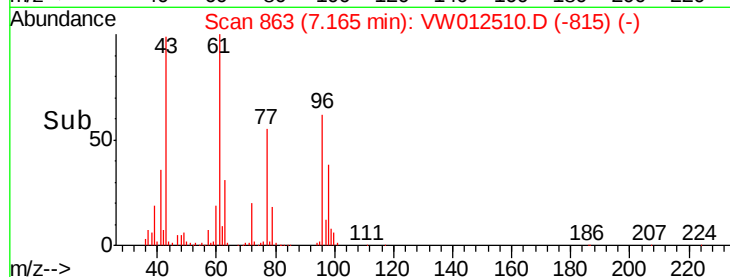
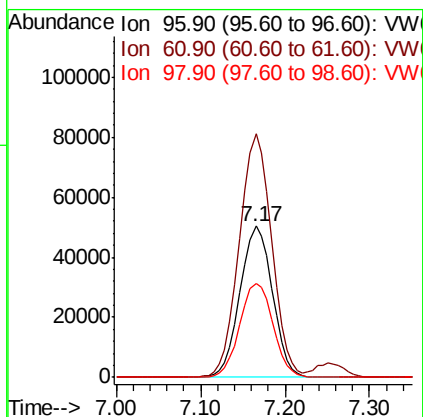
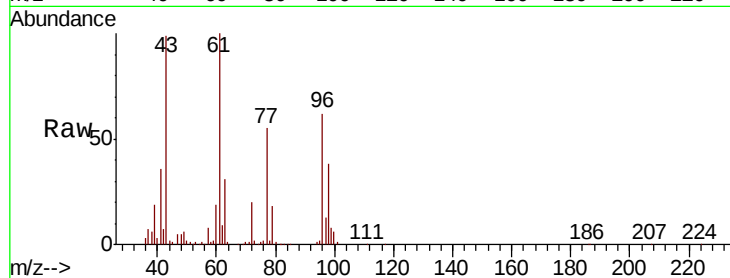


#27

cis-1,2-Dichloroethene
Concen: 57.243 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

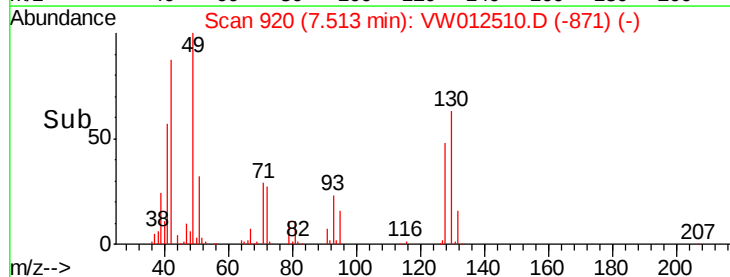
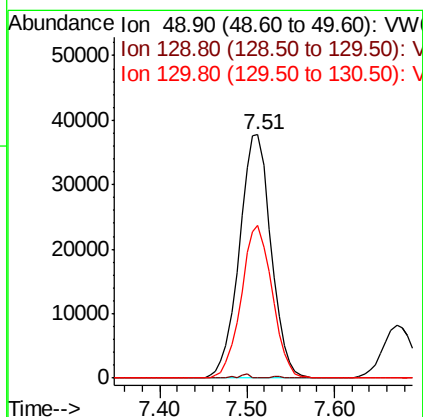
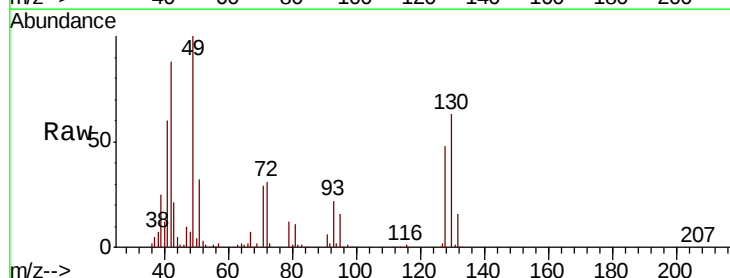
Tgt Ion: 96 Resp: 131538
Ion Ratio Lower Upper
96 100
61 160.5 0.0 326.6
98 63.5 0.0 127.4

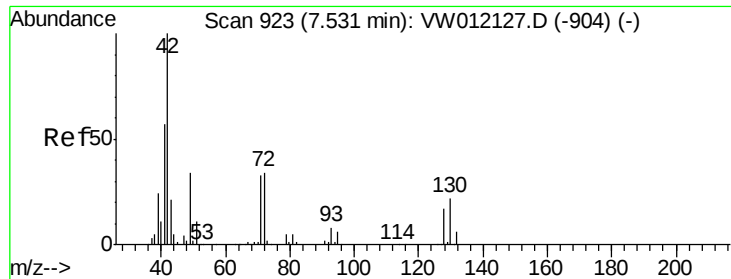


#28

Bromochloromethane
Concen: 50.402 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion: 49 Resp: 95064
Ion Ratio Lower Upper
49 100
129 0.5 0.0 1.4
130 61.4 45.5 68.3

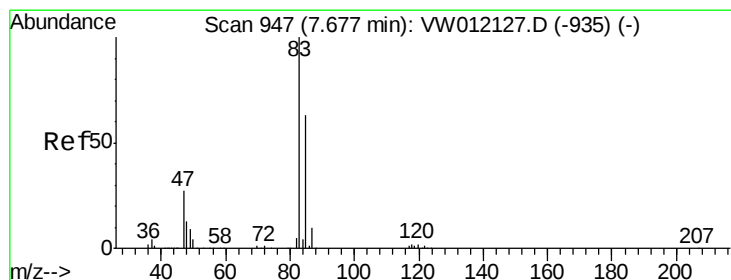
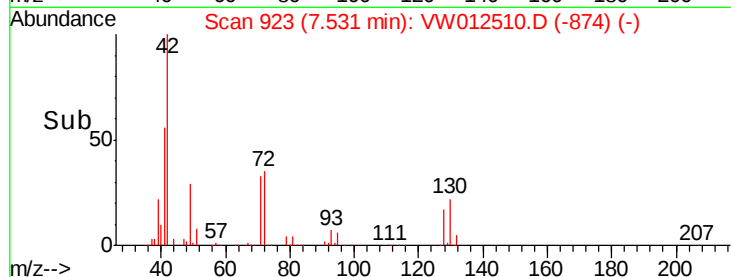
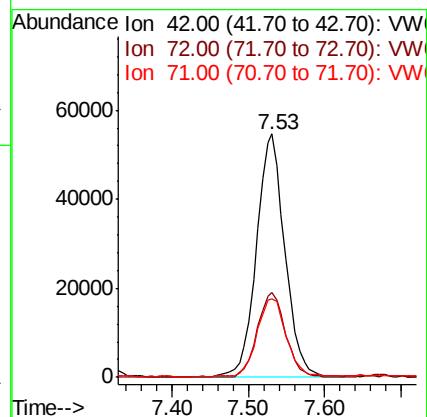
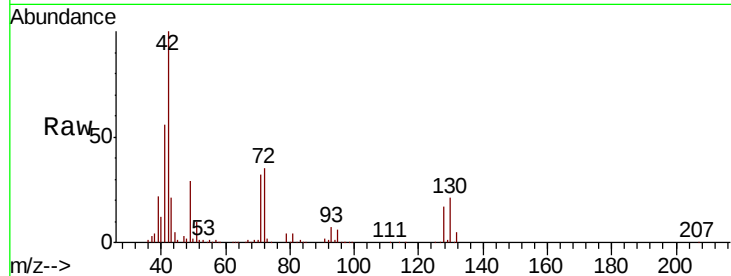




#29
Tetrahydrofuran
Concen: 284.889 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

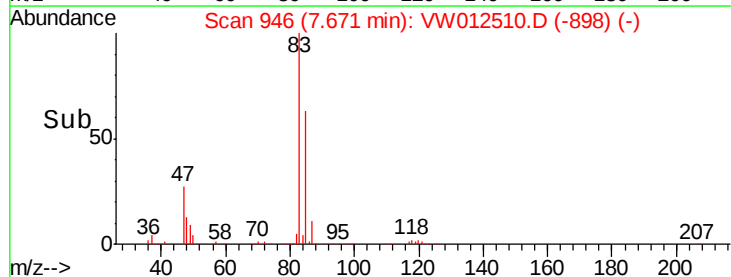
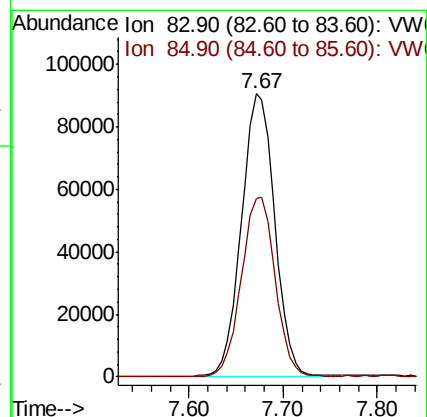
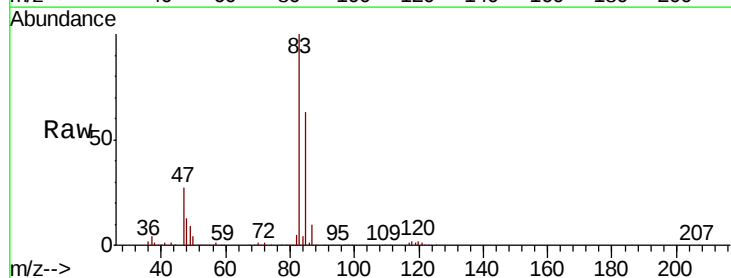
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

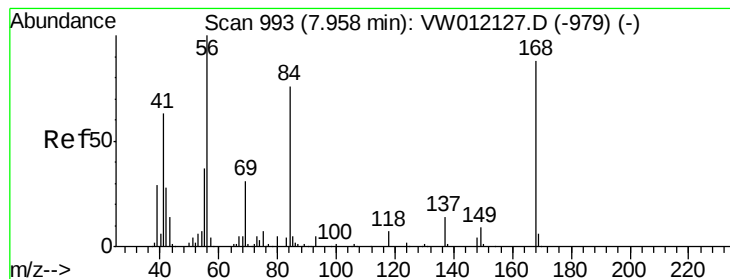
Tgt Ion: 42 Resp: 141125
Ion Ratio Lower Upper
42 100
72 35.0 27.3 40.9
71 33.4 25.5 38.3



#30
Chloroform
Concen: 56.169 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion: 83 Resp: 222383
Ion Ratio Lower Upper
83 100
85 63.0 50.6 76.0





#31

Cyclohexane

Concen: 47.311 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

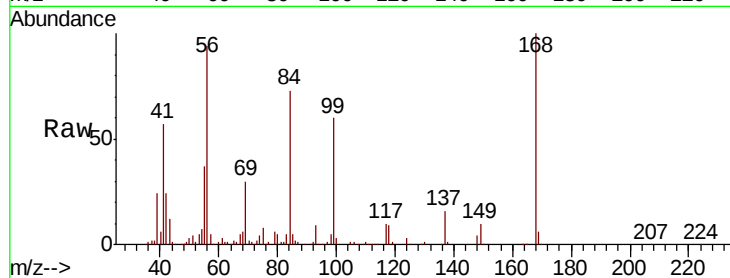
Tgt Ion: 56 Resp: 202562

Ion Ratio Lower Upper

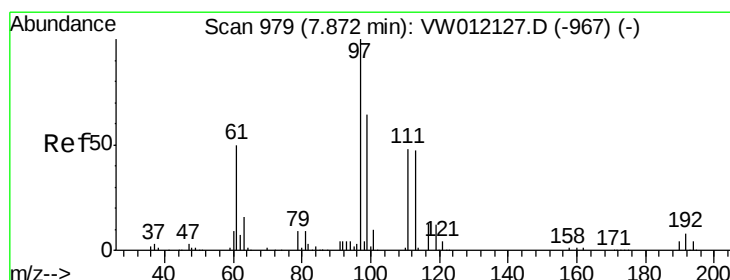
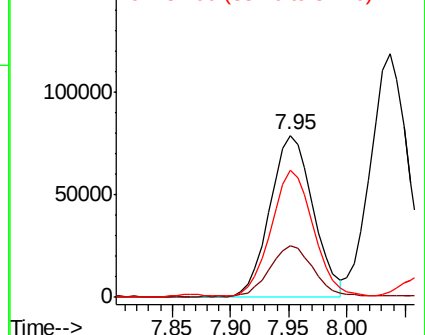
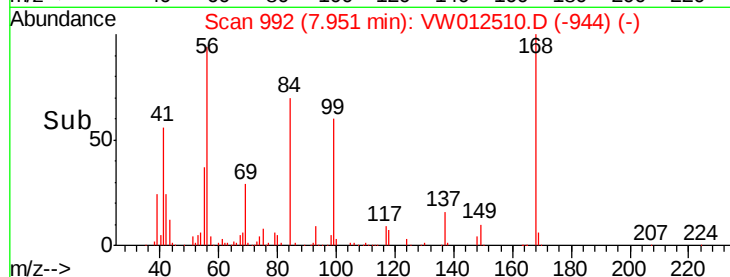
56 100

69 31.1 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: 55.993 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

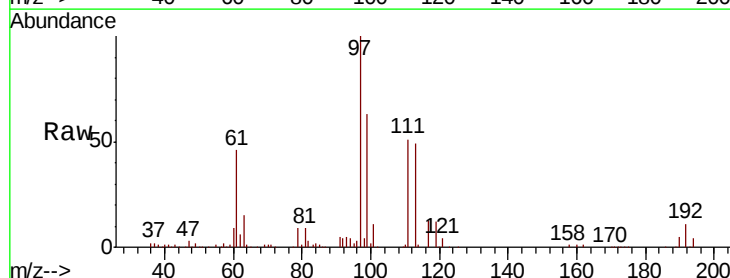
Tgt Ion: 97 Resp: 175373

Ion Ratio Lower Upper

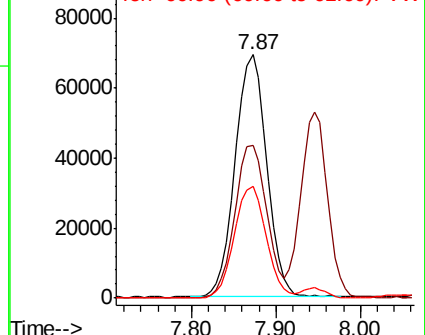
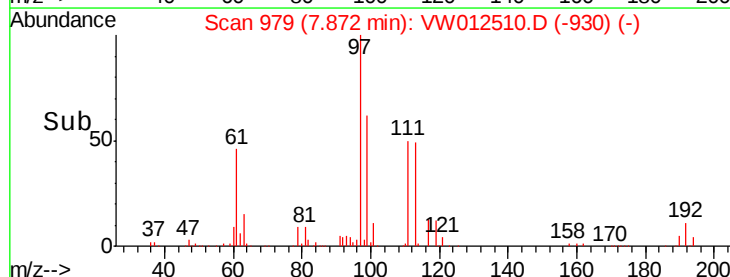
97 100

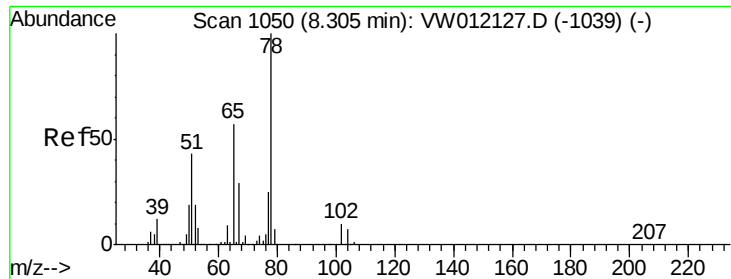
99 63.9 51.4 77.0

61 46.7 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

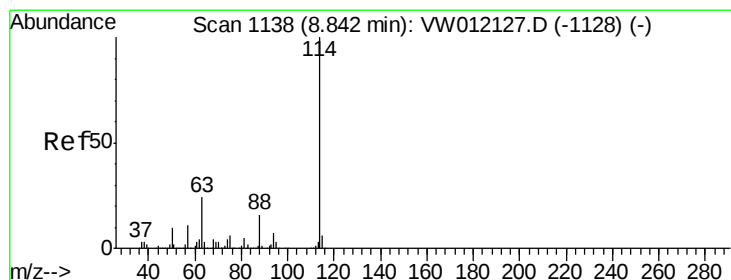
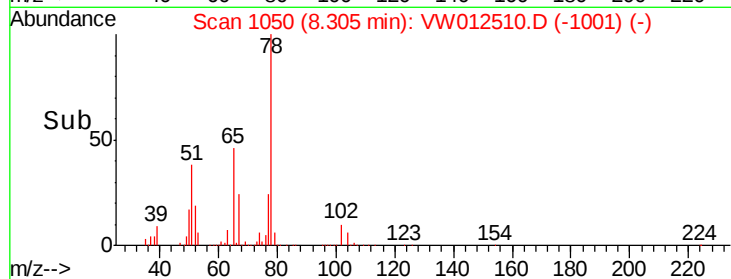
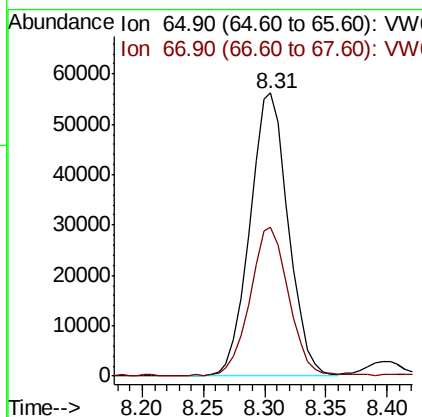
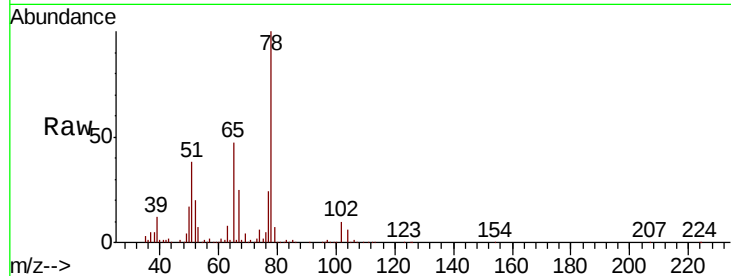




#33
 1,2-Dichloroethane-d4
 Concen: 51.689 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

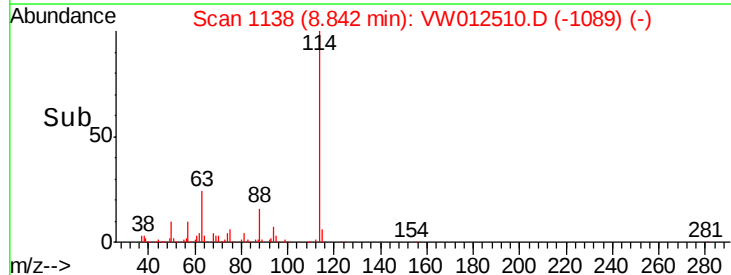
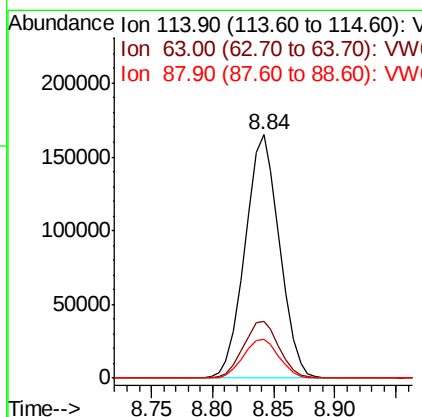
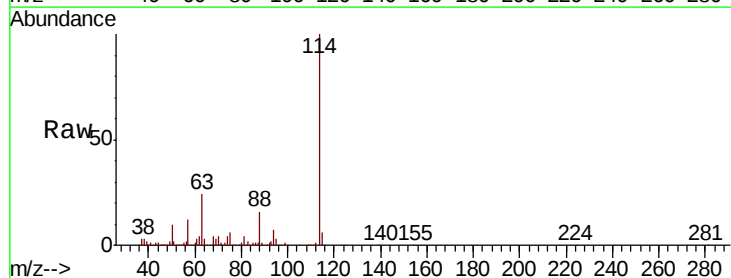
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 122865
 Ion Ratio Lower Upper
 65 100
 67 52.3 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: VW012510.D
 Acq: 02 Sep 2019 20:02

Tgt Ion: 114 Resp: 323318
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 48.6
 88 16.1 0.0 32.2

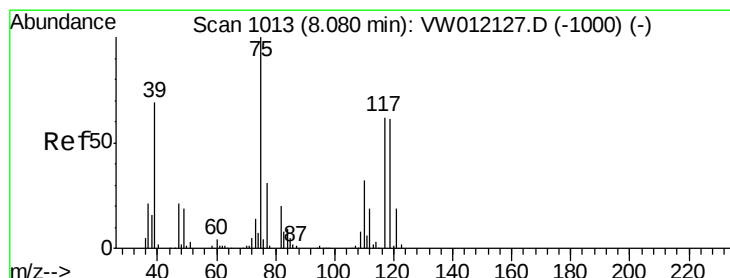
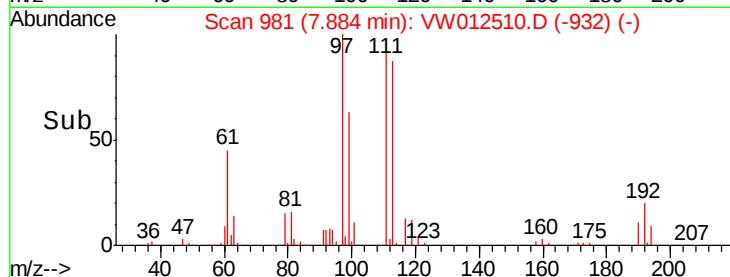
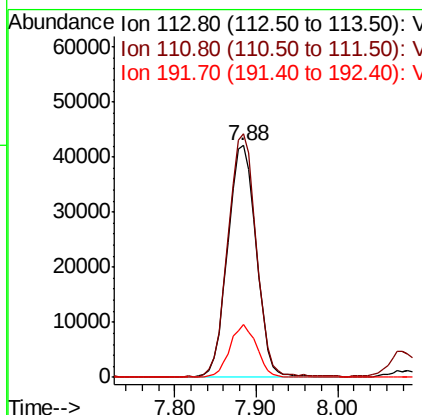
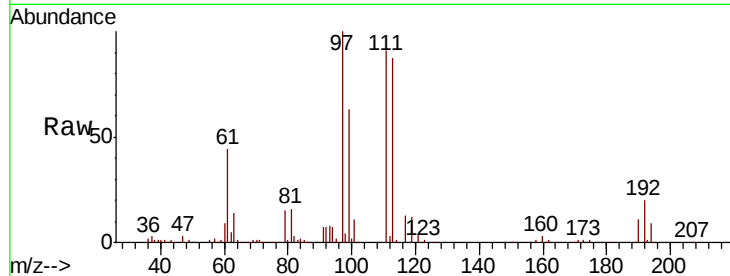




#35
 Dibromofluoromethane
 Concen: 52.549 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

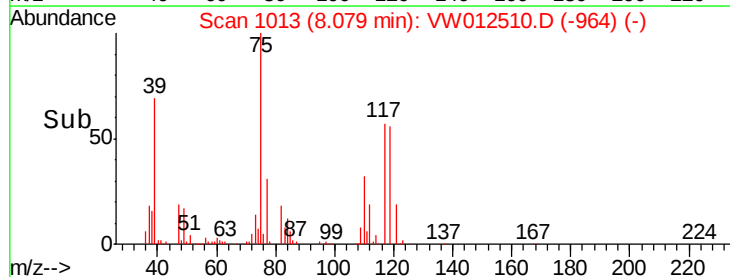
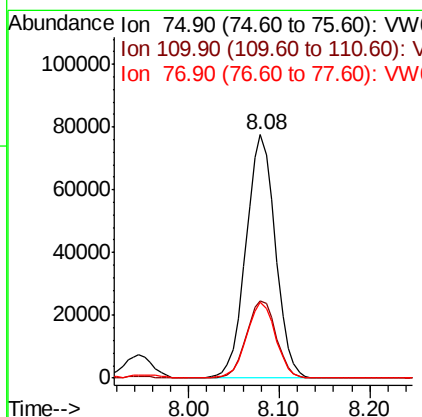
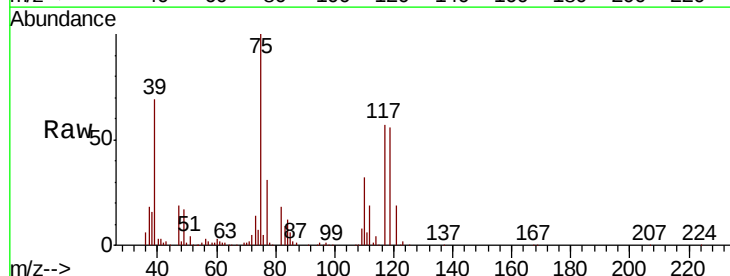
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

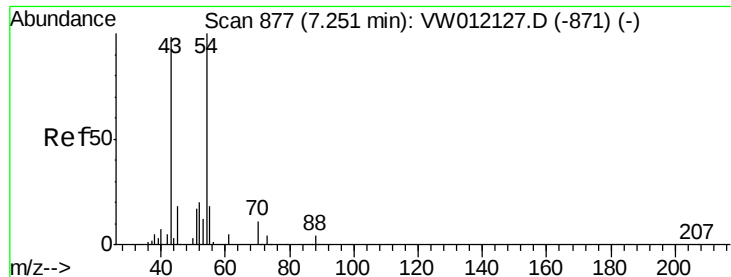
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.7	124.1
192	21.5	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 52.217 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.5	15.6	46.8
77	30.8	24.6	36.8

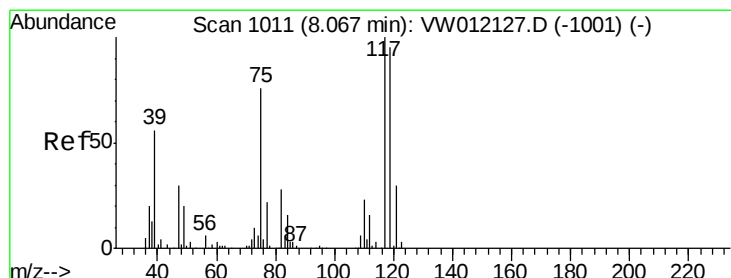
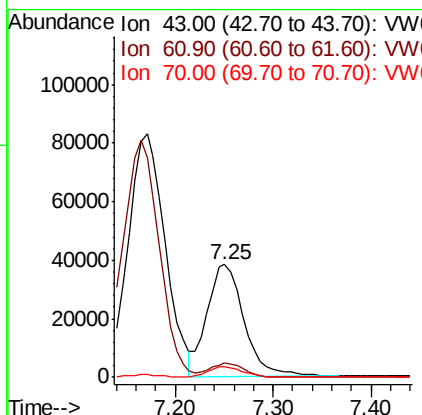
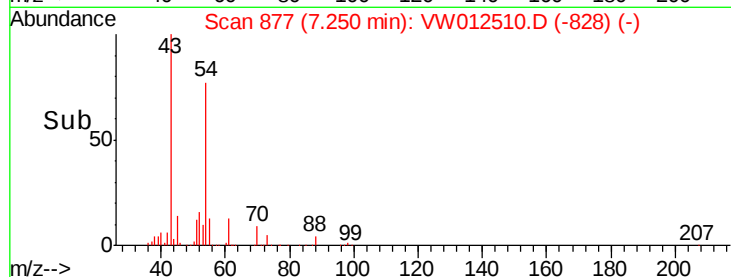
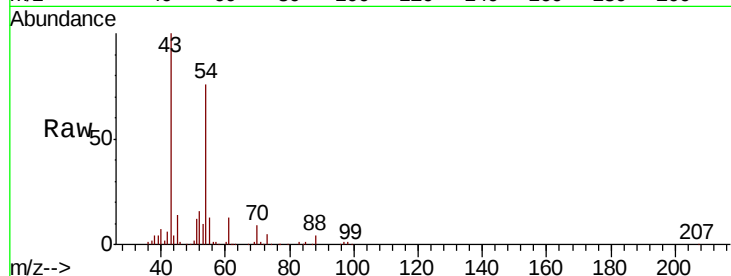




#37
Ethyl Acetate
Concen: 54.955 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

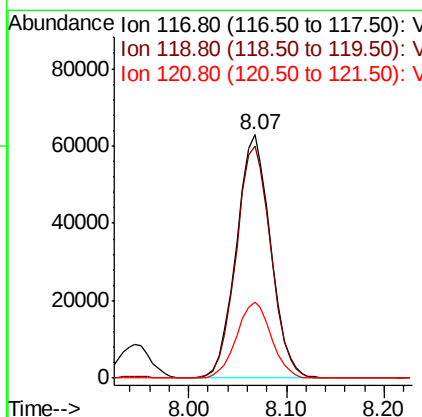
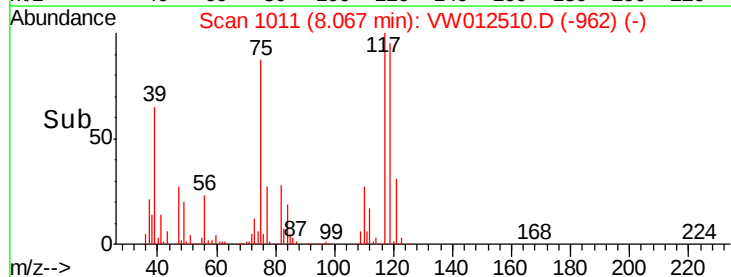
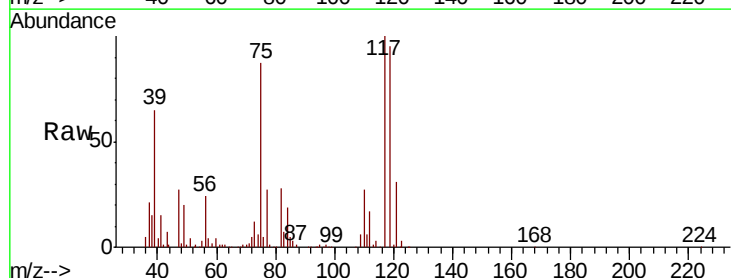
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

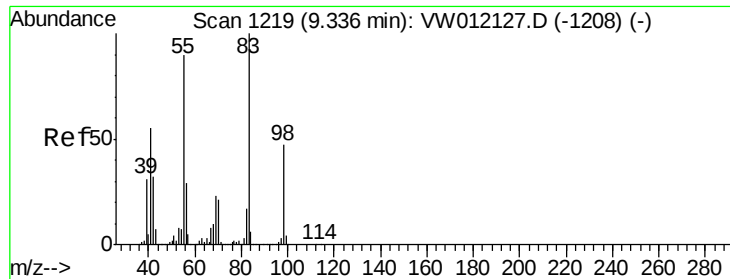
Tgt Ion: 43 Resp: 100617
Ion Ratio Lower Upper
43 100
61 12.0 9.2 13.8
70 9.2 6.9 10.3



#38
Carbon Tetrachloride
Concen: 52.744 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion: 117 Resp: 152526
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.2
121 31.2 23.8 35.8

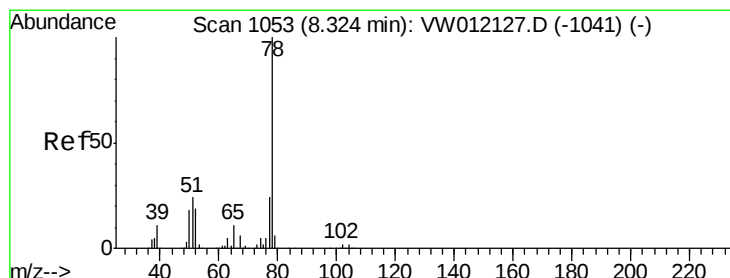
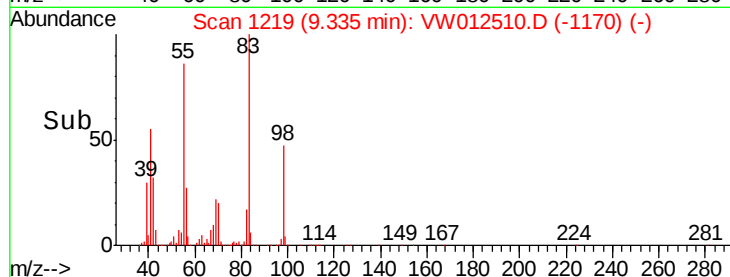
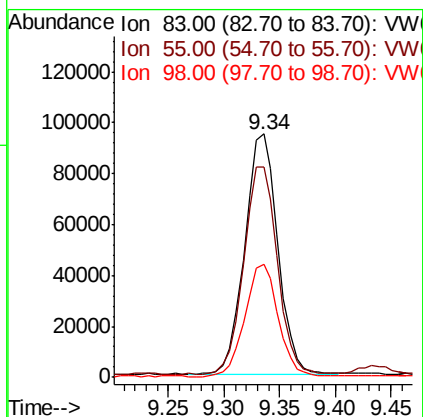
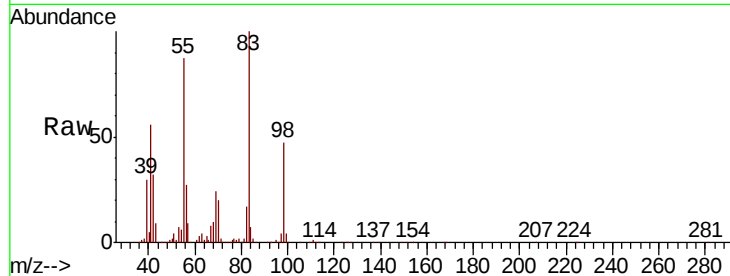




#39
Methylcyclohexane
Concen: 51.784 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

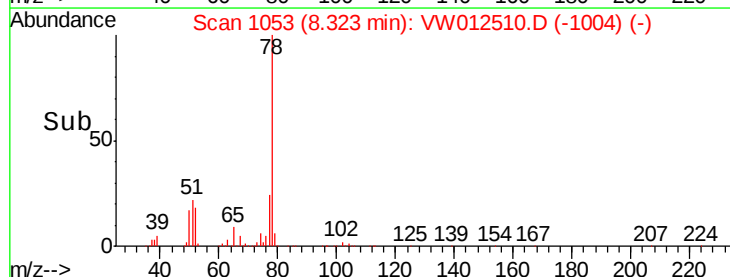
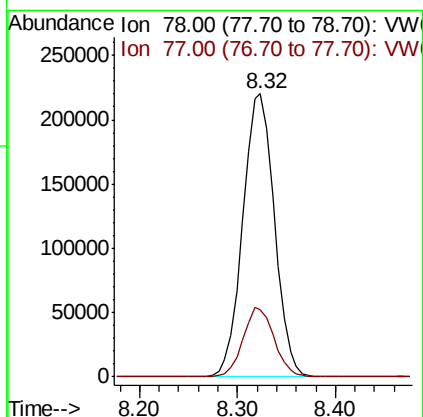
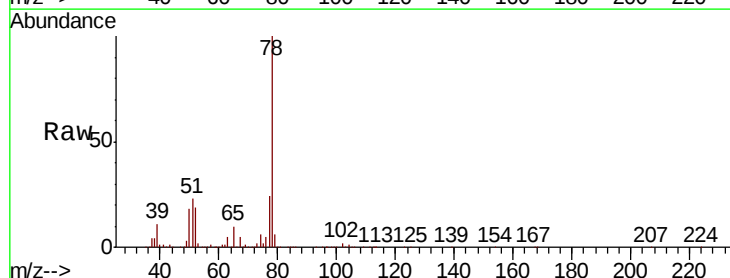
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

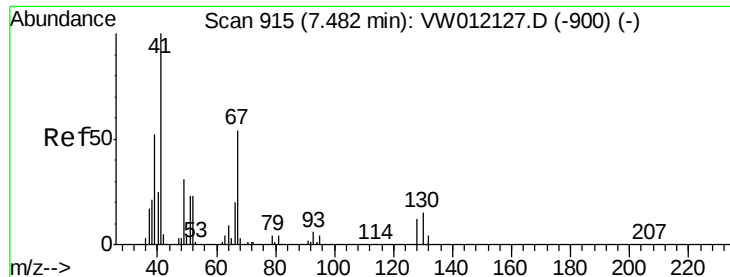
Tgt Ion: 83 Resp: 194372
Ion Ratio Lower Upper
83 100
55 86.3 71.8 107.8
98 46.8 37.8 56.8



#40
Benzene
Concen: 54.110 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion: 78 Resp: 493651
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3

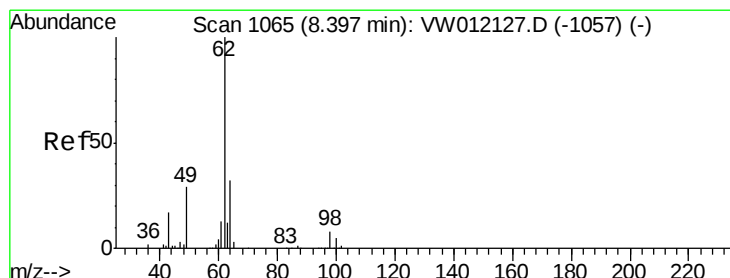
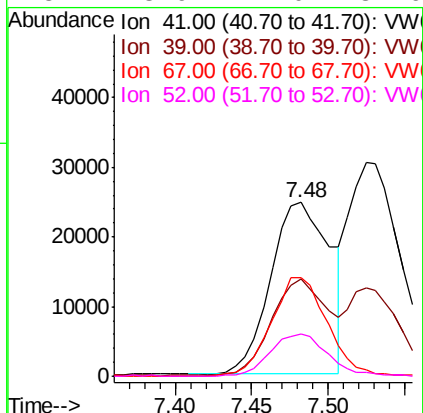
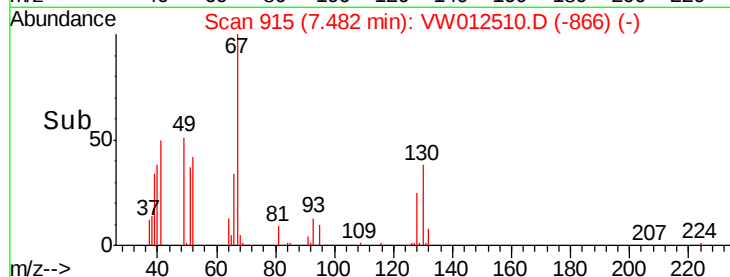
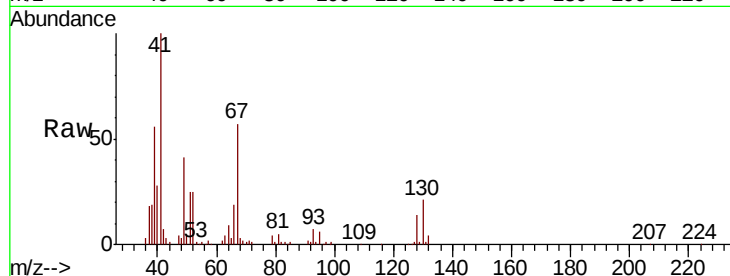




#41
Methacrylonitrile
Concen: 62.236 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

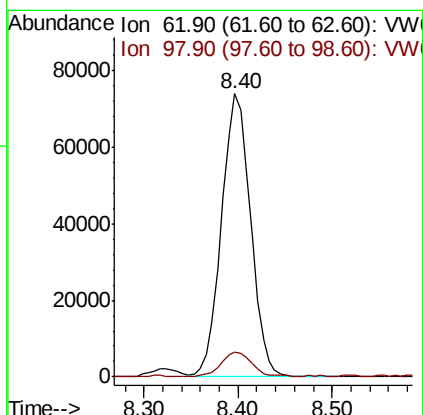
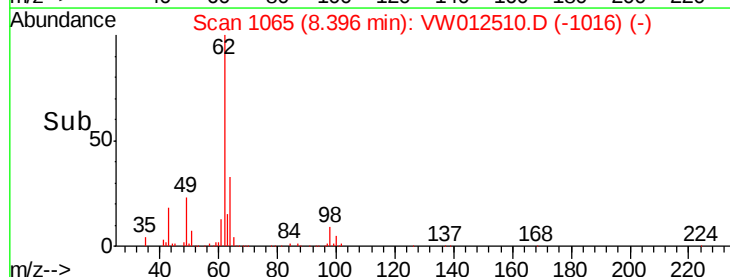
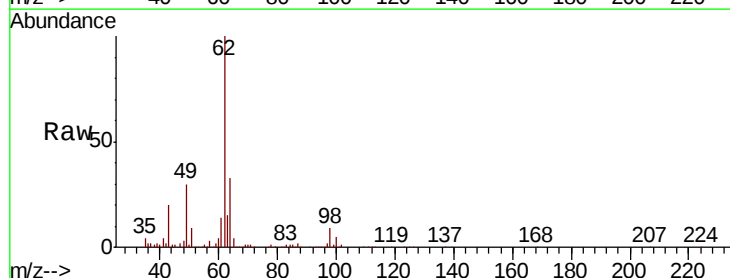
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

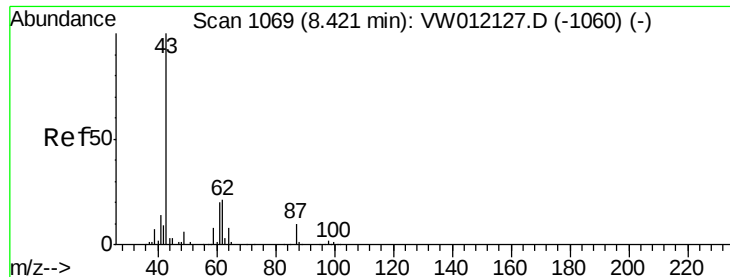
Tgt Ion:	41	Resp:	66971
Ion	Ratio	Lower	Upper
41	100		
39	54.5	45.8	68.8
67	54.2	46.2	69.4
52	23.9	21.0	31.6



#42
1,2-Dichloroethane
Concen: 55.547 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion:	62	Resp:	158825
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.6

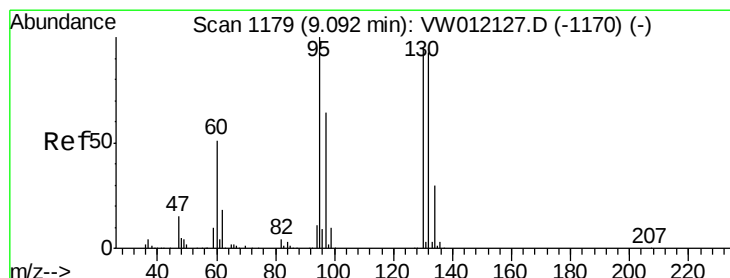
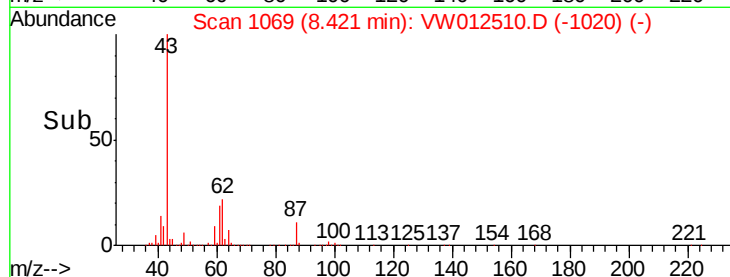
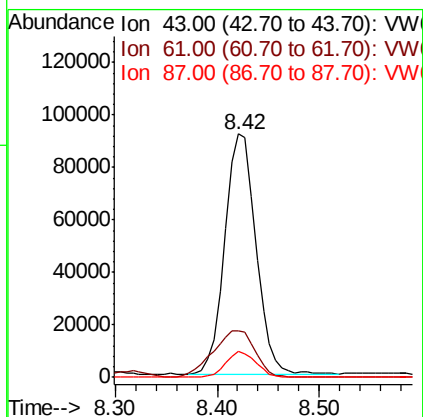
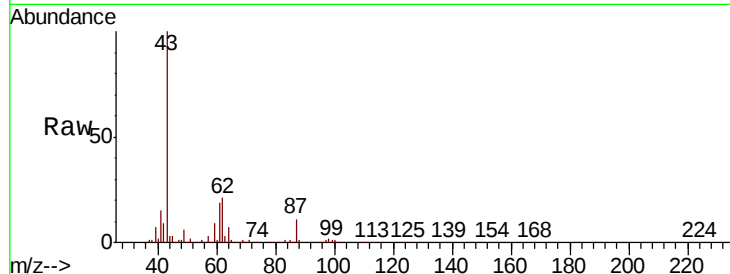




#43
Isopropyl Acetate
Concen: 57.616 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

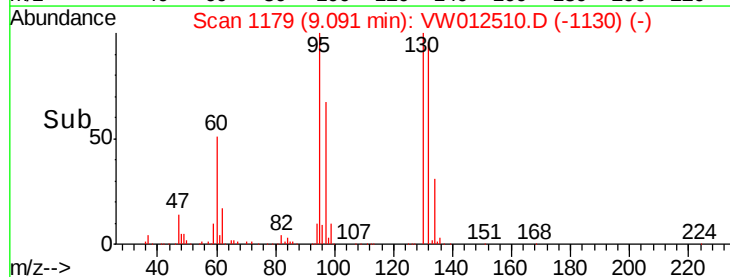
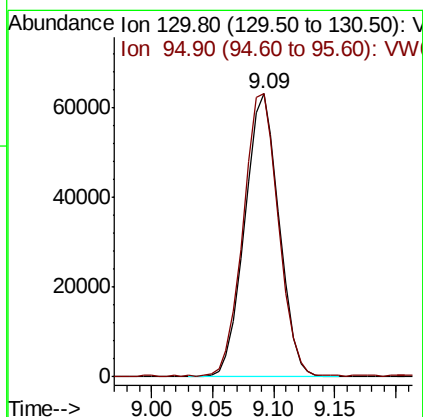
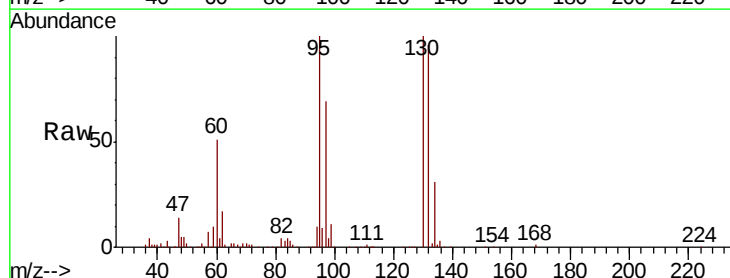
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

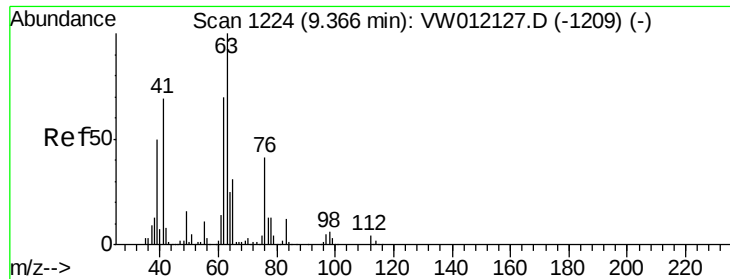
Tgt Ion: 43 Resp: 195399
Ion Ratio Lower Upper
43 100
61 26.2 21.1 31.7
87 10.4 8.2 12.2



#44
Trichloroethene
Concen: 55.452 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion: 130 Resp: 122981
Ion Ratio Lower Upper
130 100
95 99.6 0.0 210.6

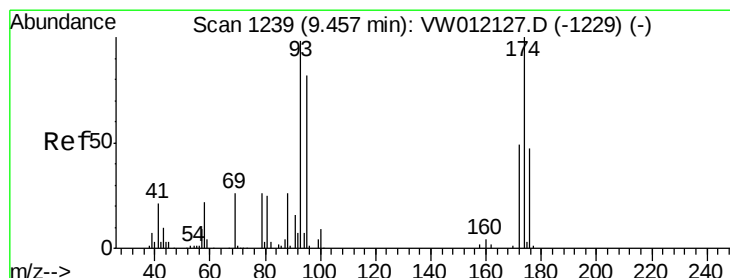
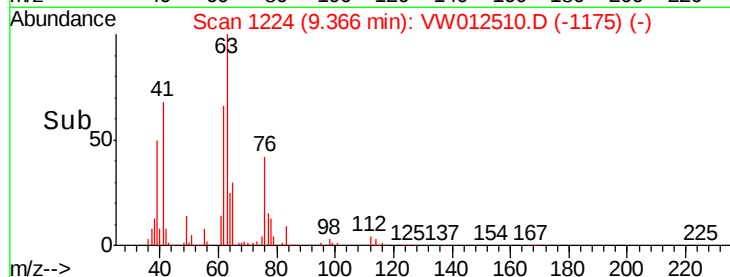
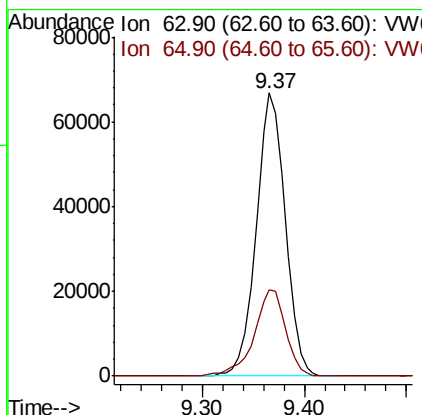
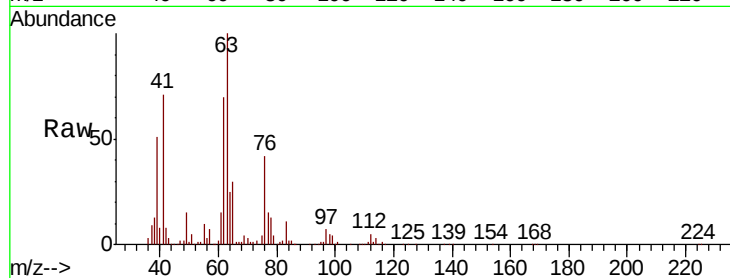




#45
 1,2-Dichloropropane
 Concen: 53.984 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

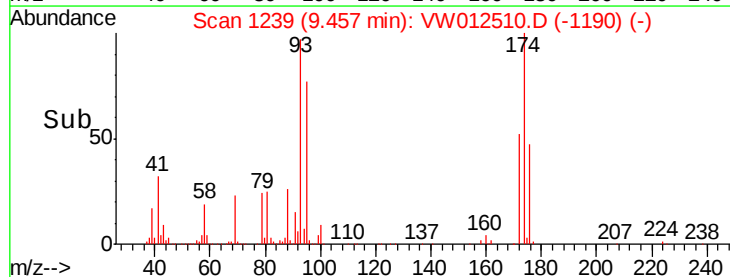
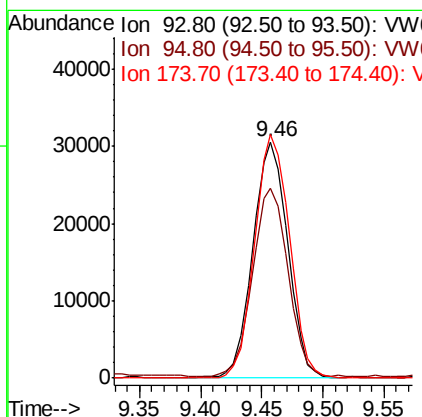
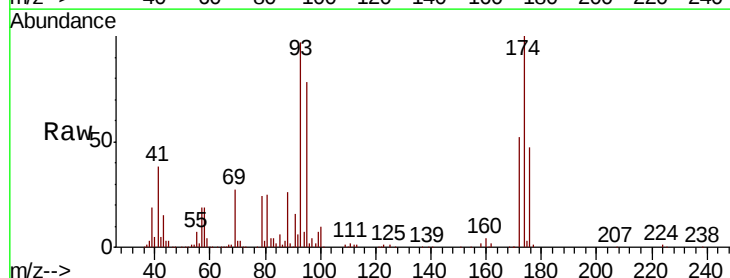
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 132549
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.4



#46
 Dibromomethane
 Concen: 55.271 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

Tgt Ion: 93 Resp: 60380
 Ion Ratio Lower Upper
 93 100
 95 81.5 67.2 100.8
 174 104.1 79.0 118.6





#47

Bromodichloromethane

Concen: 56.320 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

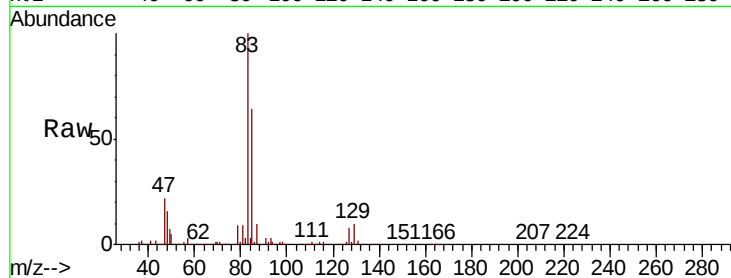
Tgt Ion: 83 Resp: 163749

Ion Ratio Lower Upper

83 100

85 64.1 49.4 74.2

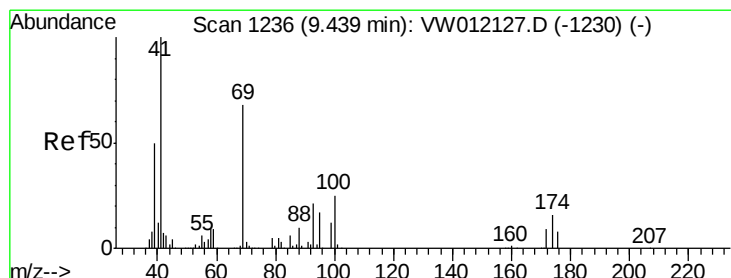
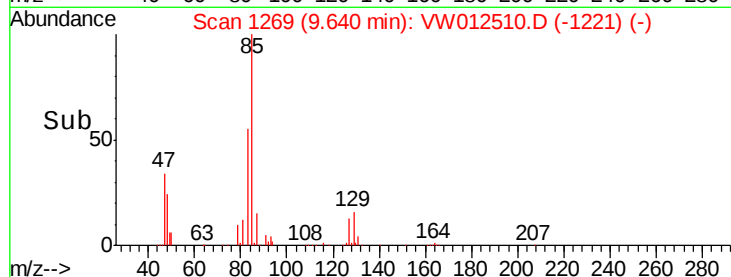
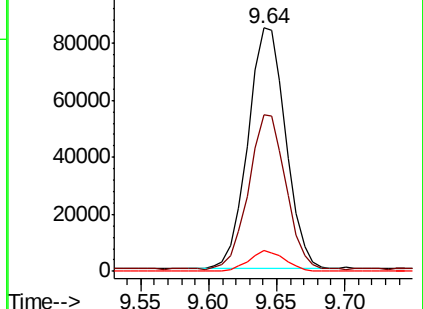
127 8.6 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 58.519 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

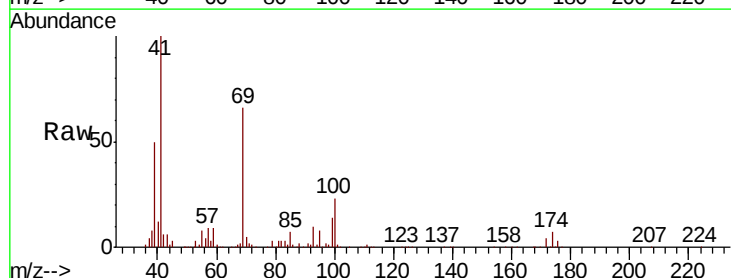
Tgt Ion: 41 Resp: 94456

Ion Ratio Lower Upper

41 100

69 72.6 56.7 85.1

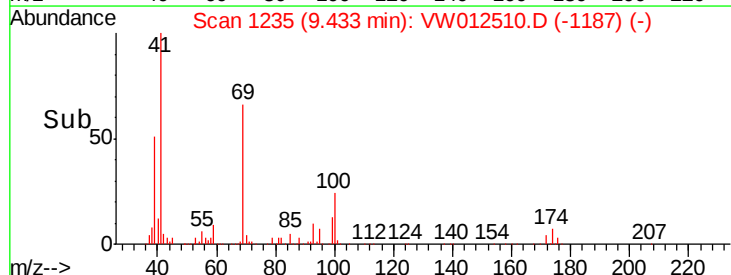
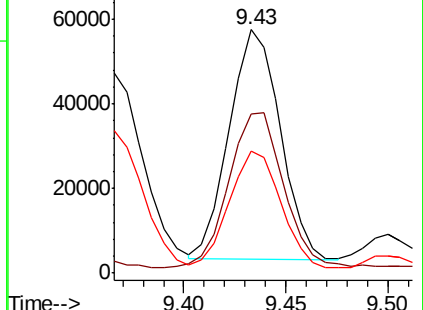
39 55.1 42.0 63.0

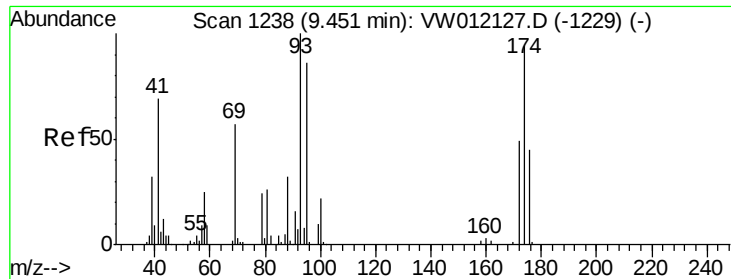


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

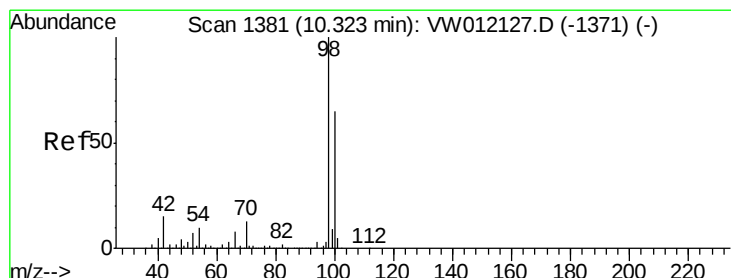
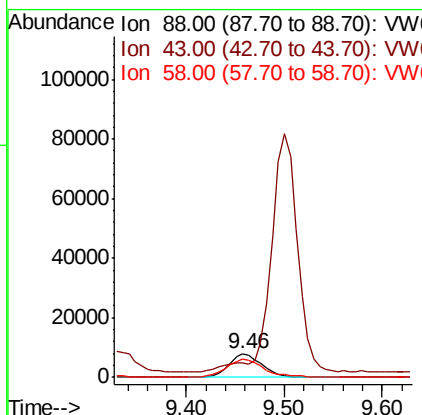
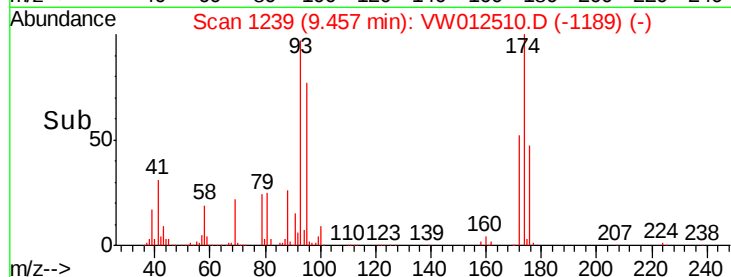
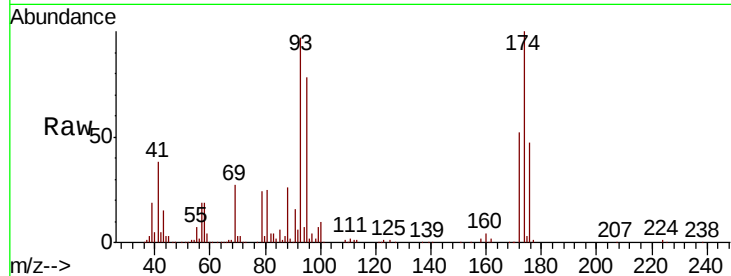




#49
 1,4-Dioxane
 Concen: 1105.653 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

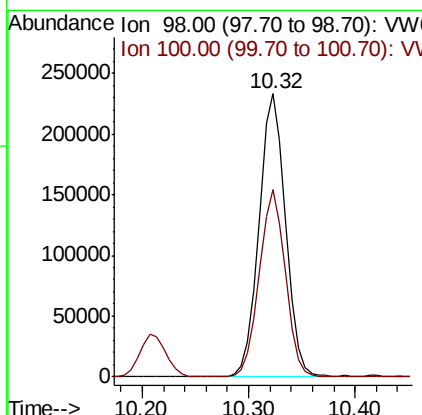
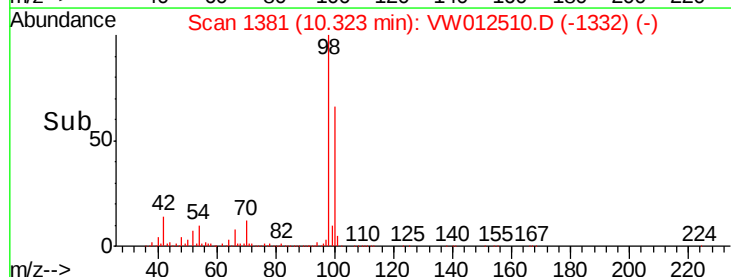
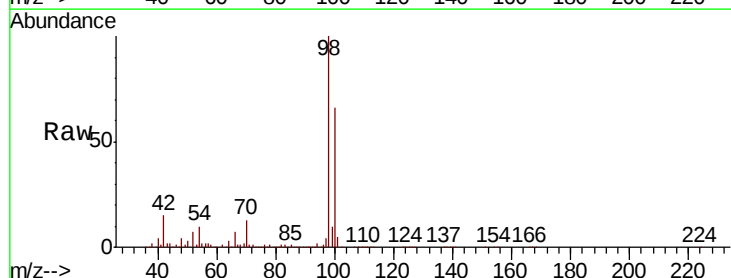
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

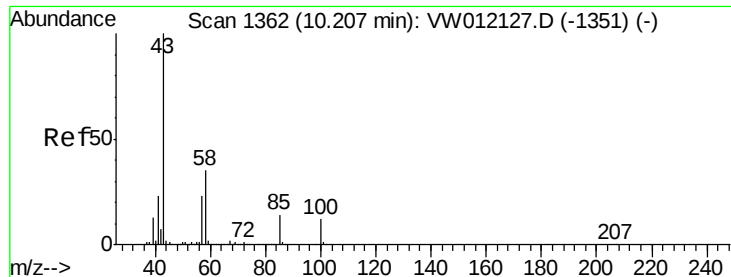
Tgt Ion: 88 Resp: 18491
 Ion Ratio Lower Upper
 88 100
 43 0.0 32.9 49.3#
 58 84.0 71.0 106.4



#50
 Toluene-d8
 Concen: 51.748 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

Tgt Ion: 98 Resp: 404936
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 287.898 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

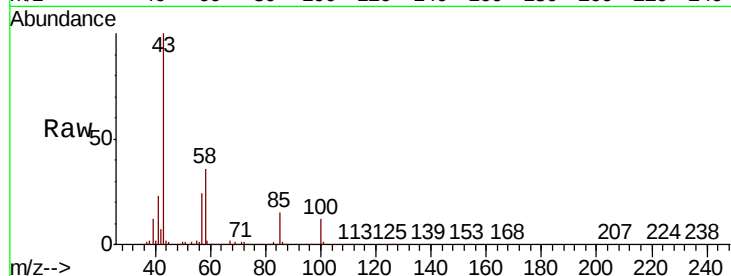
VSTDCCC050EC

Tgt Ion: 43 Resp: 496611

Ion Ratio Lower Upper

43 100

58 35.8 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

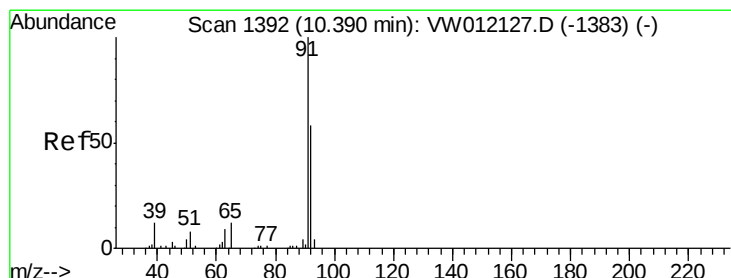
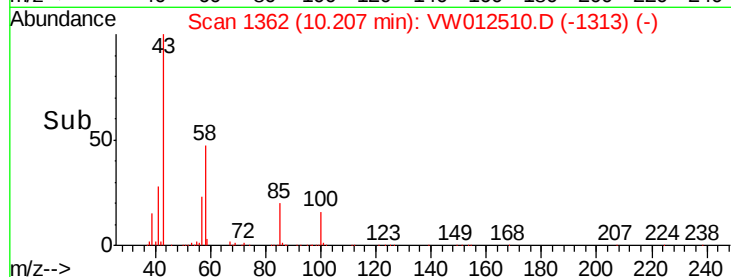
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 55.440 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012510.D

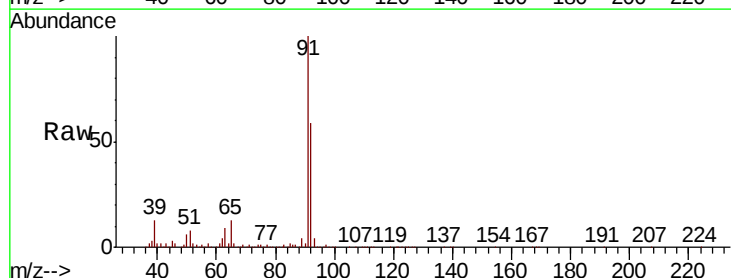
Acq: 02 Sep 2019 20:02

Tgt Ion: 92 Resp: 303852

Ion Ratio Lower Upper

92 100

91 171.5 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.38

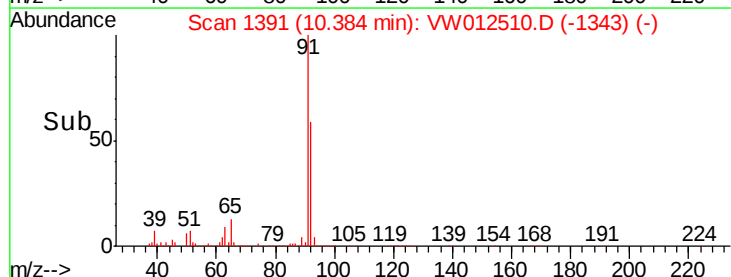
300000

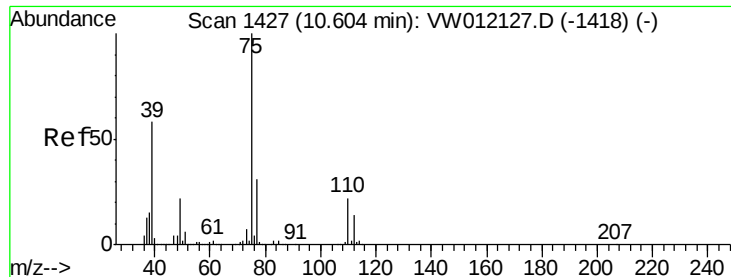
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 56.687 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

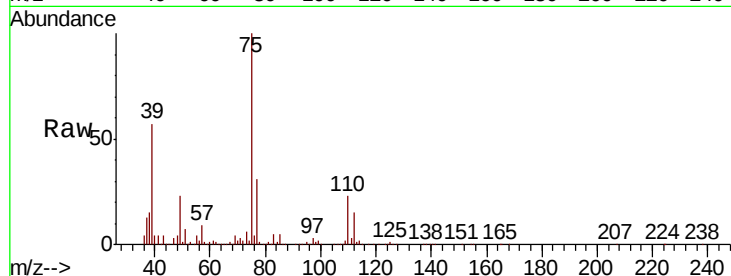
VSTDCCC050EC

Tgt Ion: 75 Resp: 167885

Ion Ratio Lower Upper

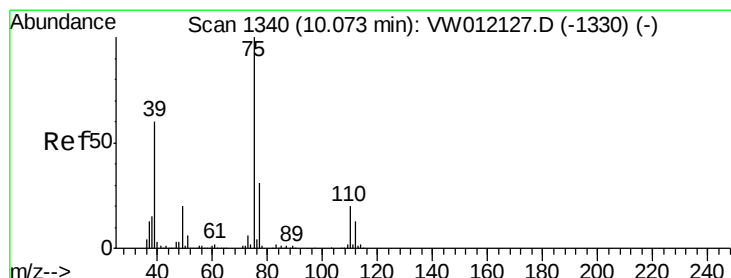
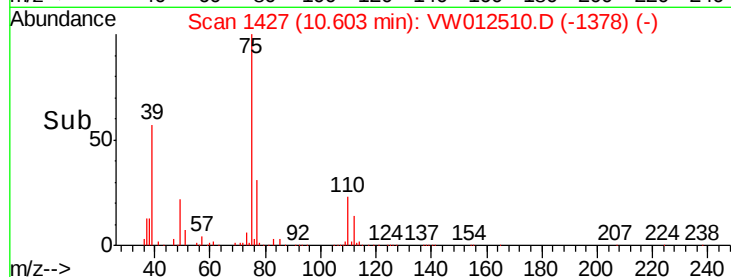
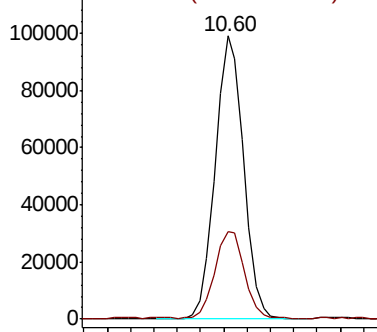
75 100

77 30.6 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 56.273 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

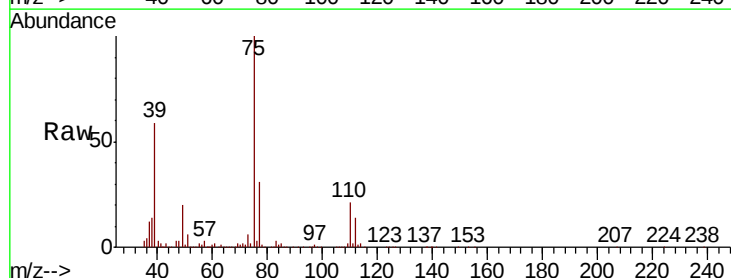
Tgt Ion: 75 Resp: 201232

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

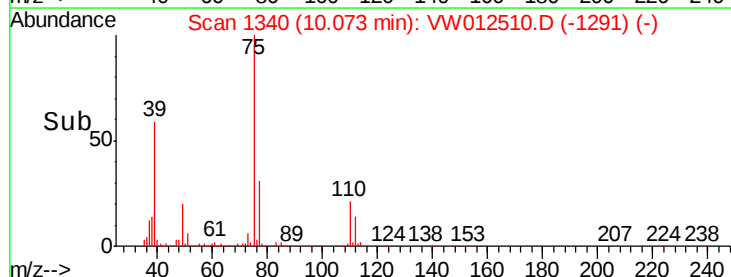
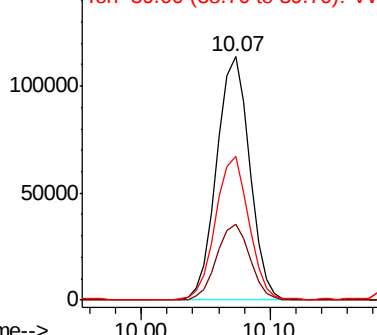
39 58.6 48.3 72.5

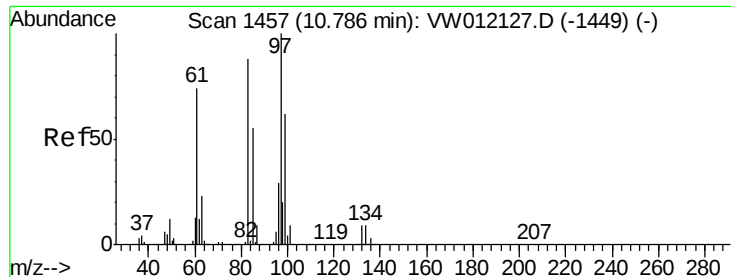


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

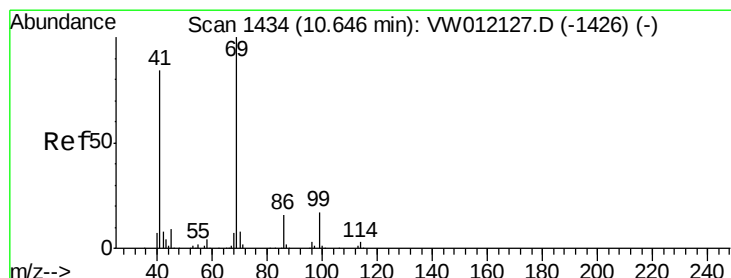
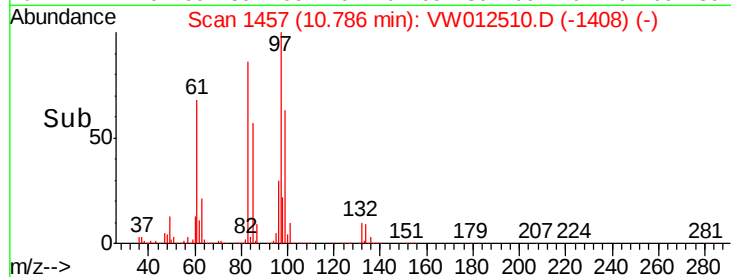
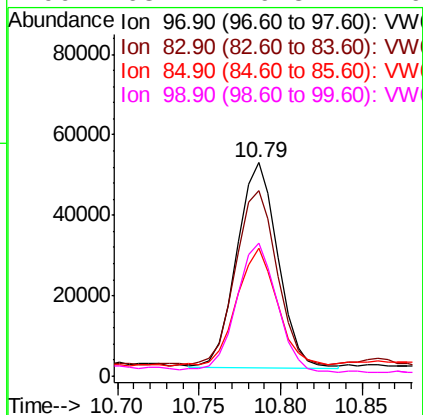
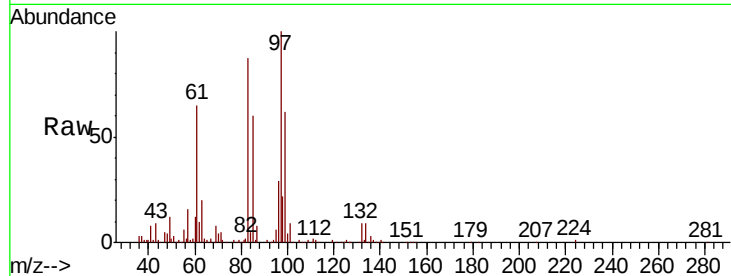




#55
 1,1,2-Trichloroethane
 Concen: 57.422 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

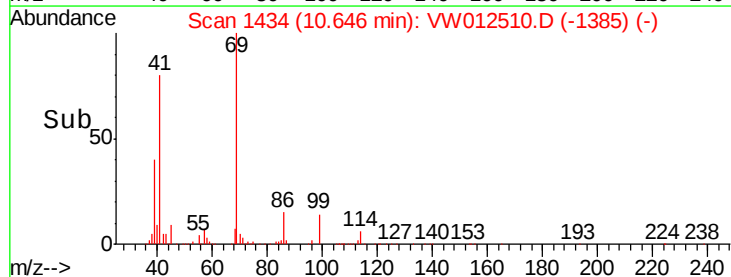
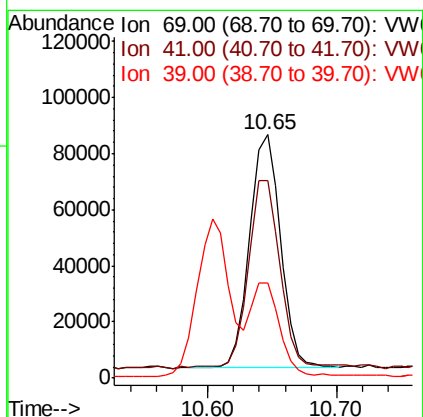
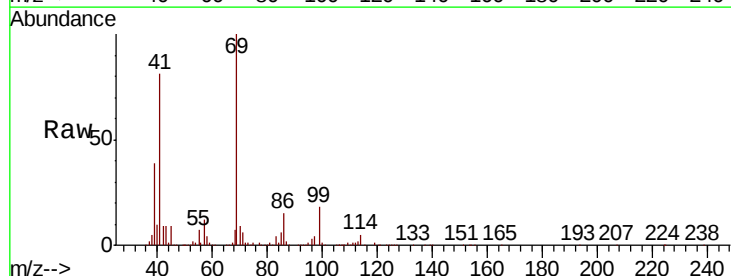
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

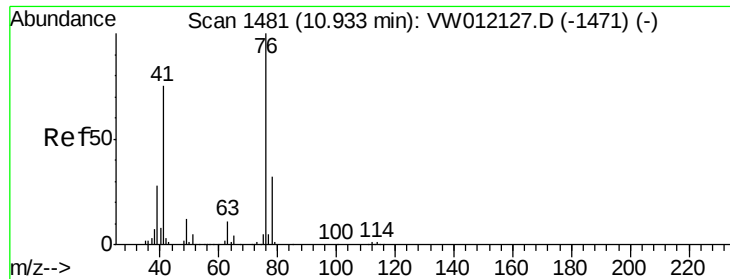
Tgt Ion:	97	Resp:	88755
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.8	106.2
85	56.8	43.8	65.8
99	63.4	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 61.214 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

Tgt Ion:	69	Resp:	137705
Ion	Ratio	Lower	Upper
69	100		
41	82.8	66.5	99.7
39	36.3	31.0	46.4

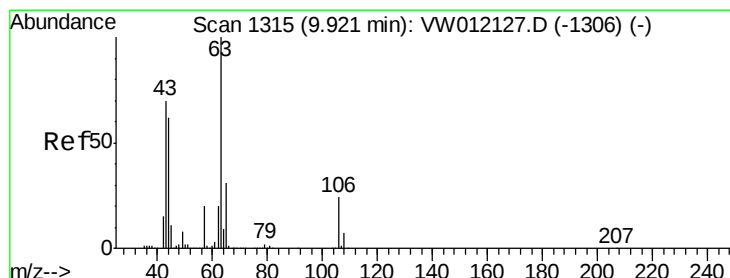
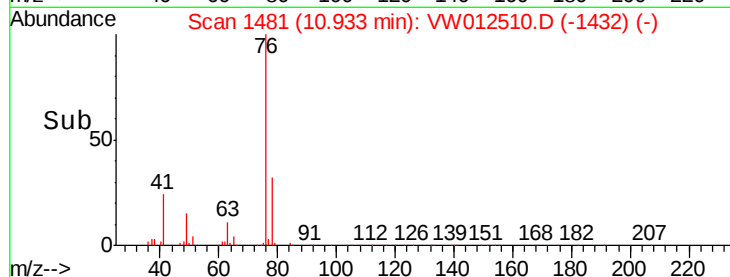
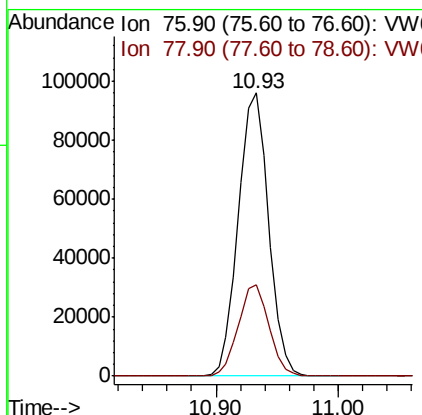
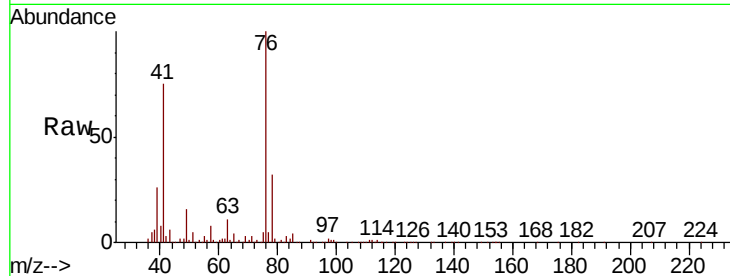




#57
 1,3-Dichloropropane
 Concen: 56.541 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

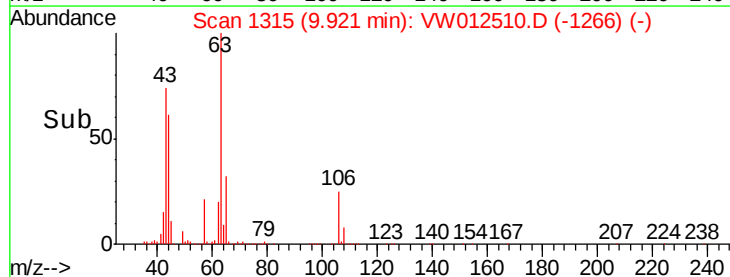
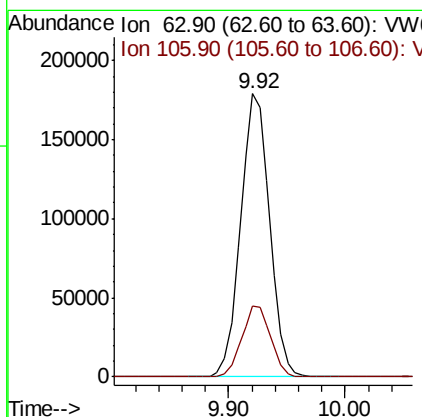
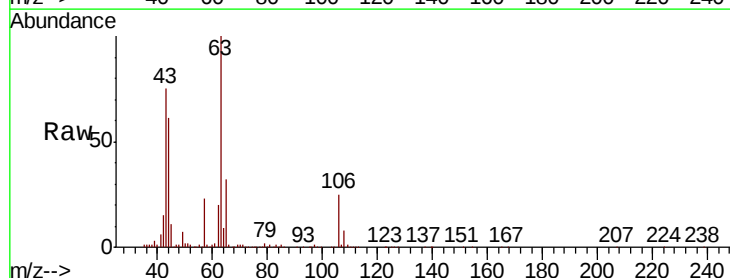
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

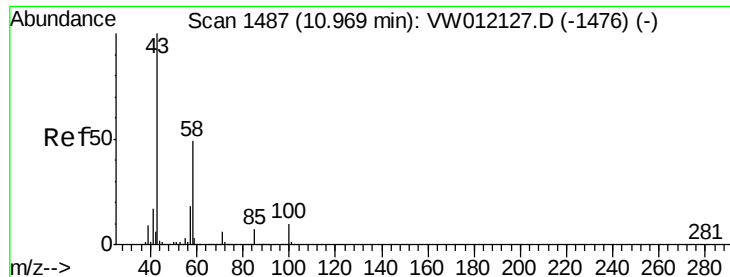
Tgt Ion: 76 Resp: 165151
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.061 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

Tgt Ion: 63 Resp: 310640
 Ion Ratio Lower Upper
 63 100
 106 25.1 19.8 29.8

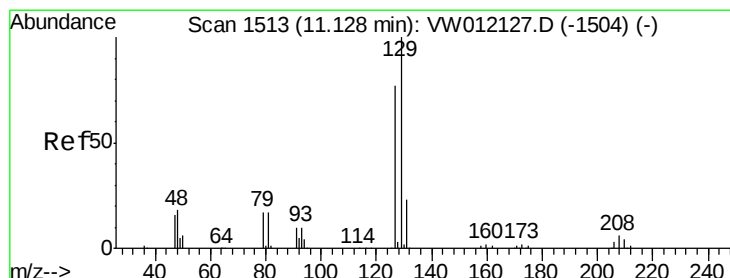
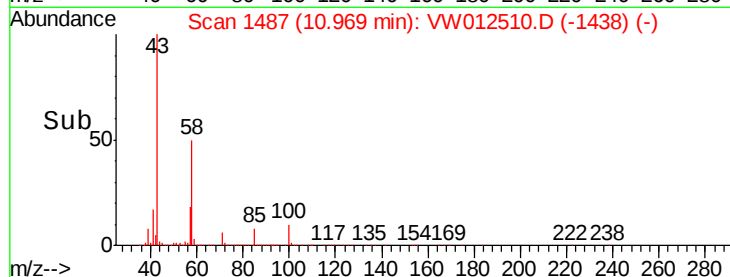
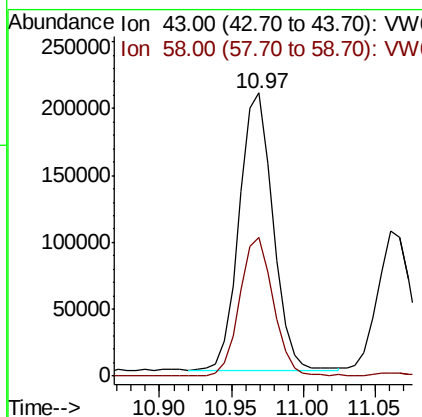
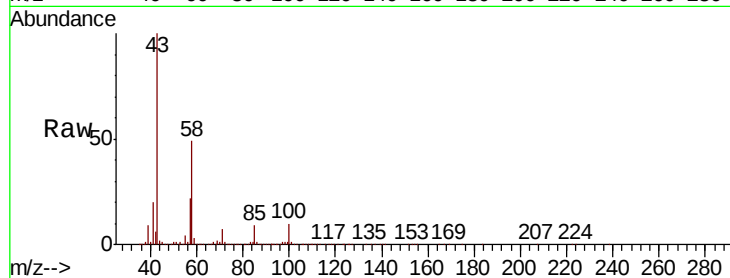




#59
2-Hexanone
Concen: 276.753 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

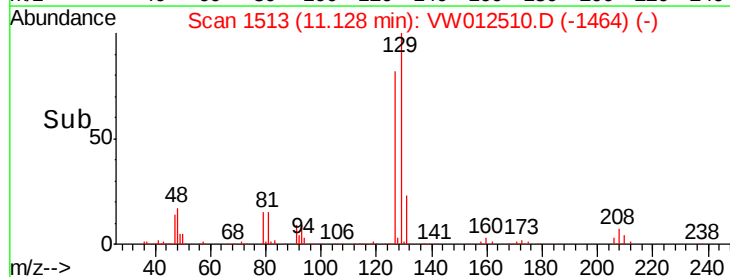
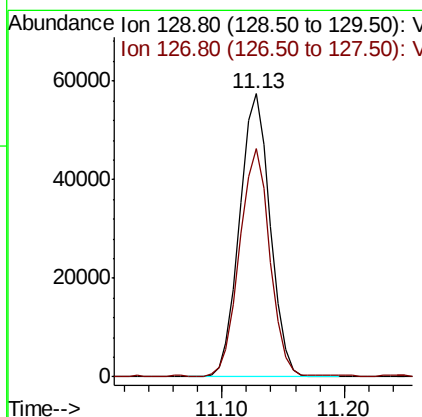
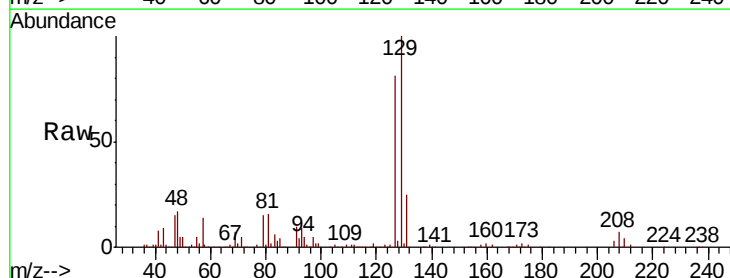
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

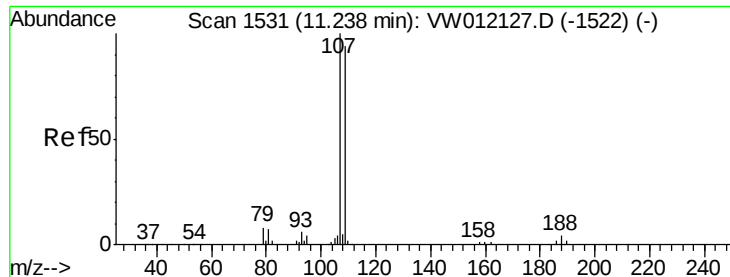
Tgt Ion: 43 Resp: 337782
Ion Ratio Lower Upper
43 100
58 49.5 24.3 72.9



#60
Dibromochloromethane
Concen: 57.790 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion: 129 Resp: 99492
Ion Ratio Lower Upper
129 100
127 79.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 57.792 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

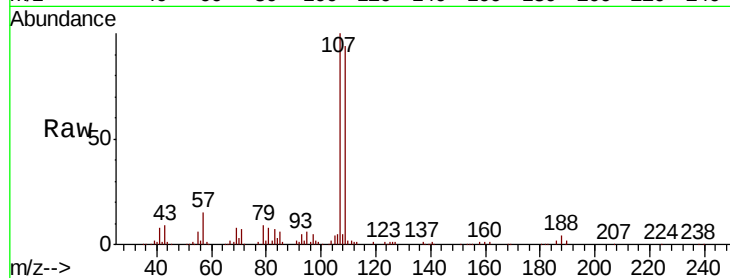
VSTDCCC050EC

Tgt Ion: 107 Resp: 83219

Ion Ratio Lower Upper

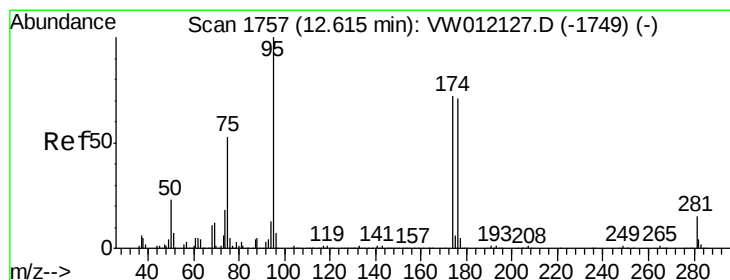
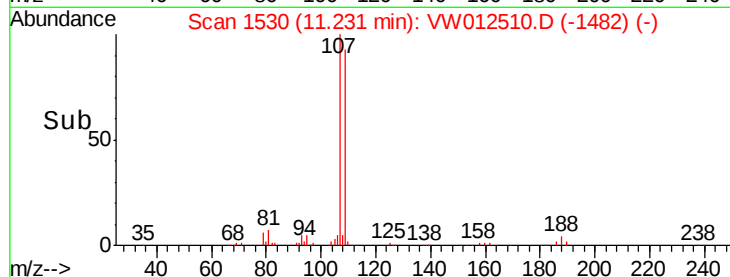
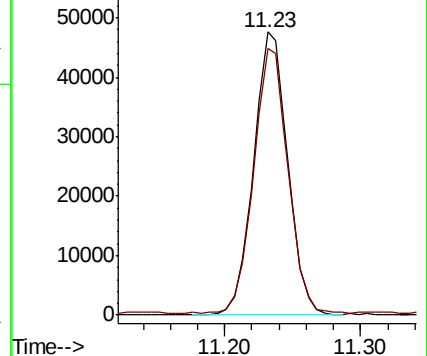
107 100

109 94.4 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.797 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

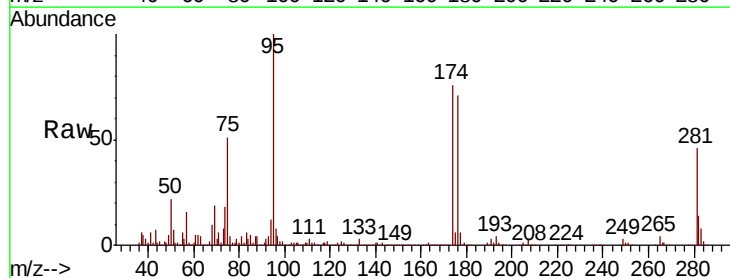
Tgt Ion: 95 Resp: 145634

Ion Ratio Lower Upper

95 100

174 77.7 0.0 150.8

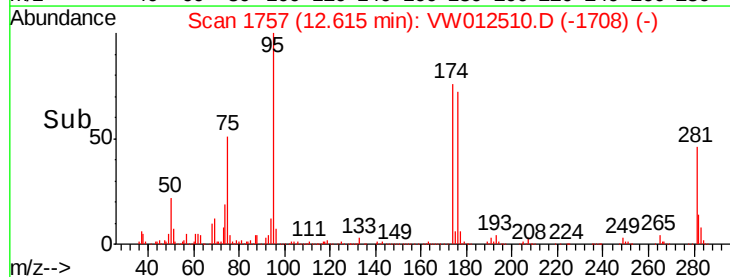
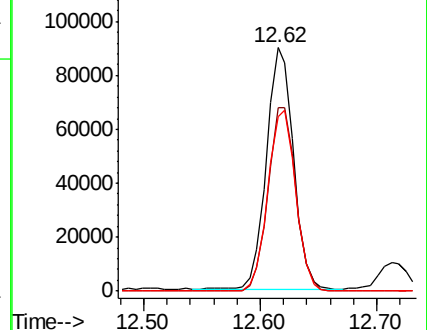
176 76.6 0.0 148.6

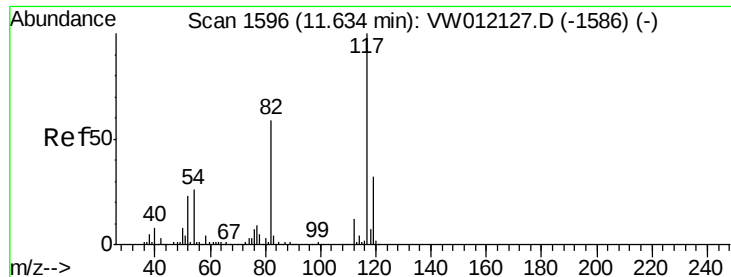


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

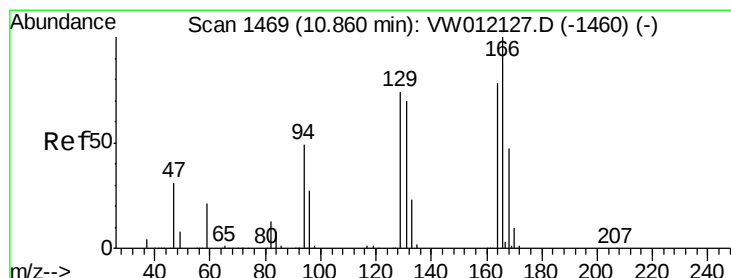
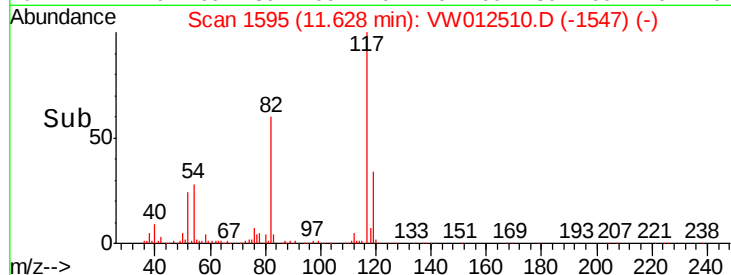
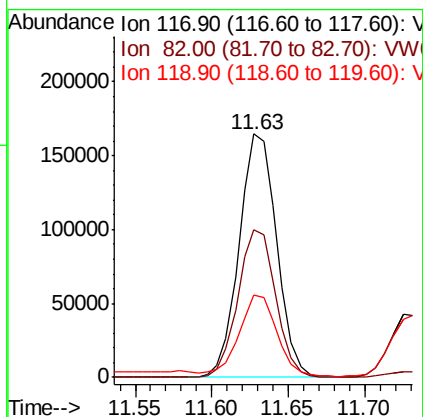
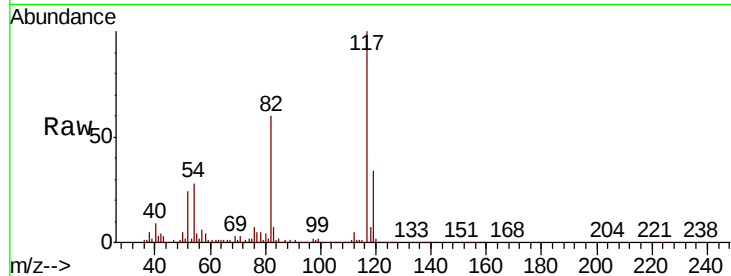




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

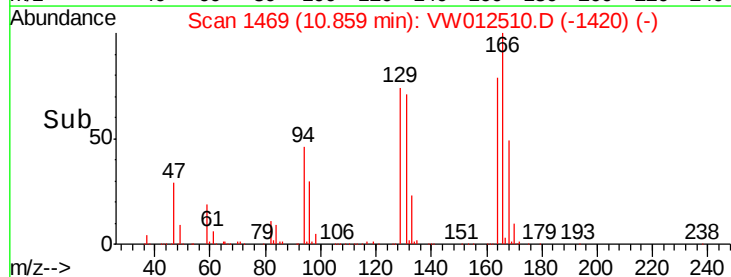
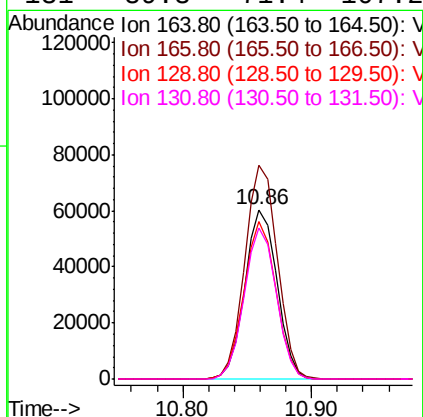
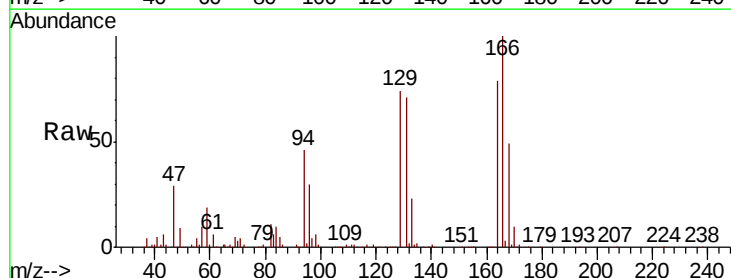
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

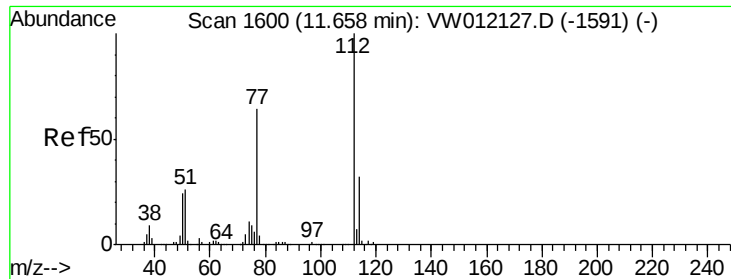
Tgt Ion:117 Resp: 279798
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 33.3 25.4 38.2



#64
Tetrachloroethene
Concen: 57.347 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion:164 Resp: 104029
Ion Ratio Lower Upper
164 100
166 126.3 102.4 153.6
129 93.5 75.8 113.6
131 89.3 71.4 107.2

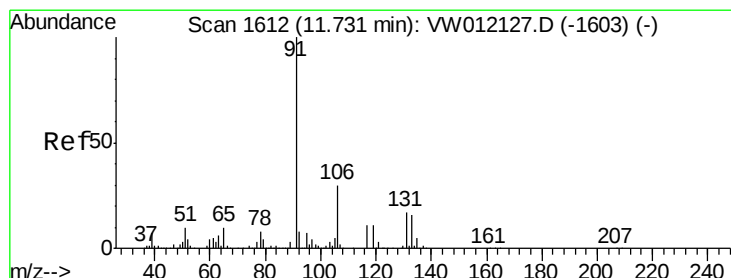
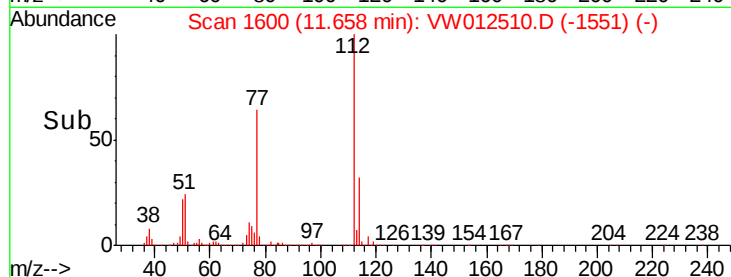
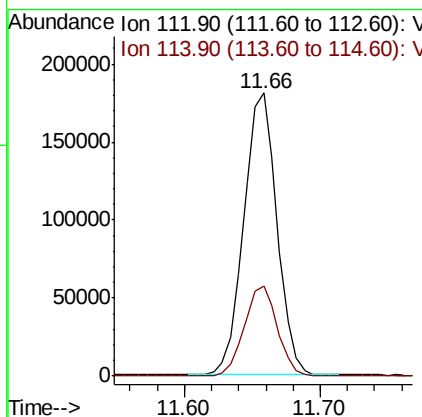
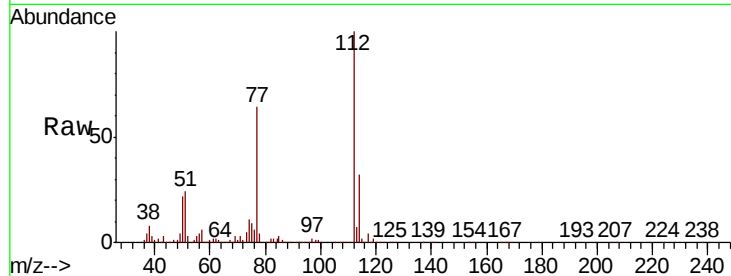




#65
Chlorobenzene
Concen: 55.749 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

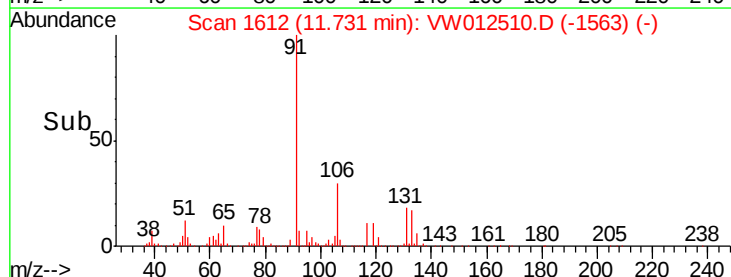
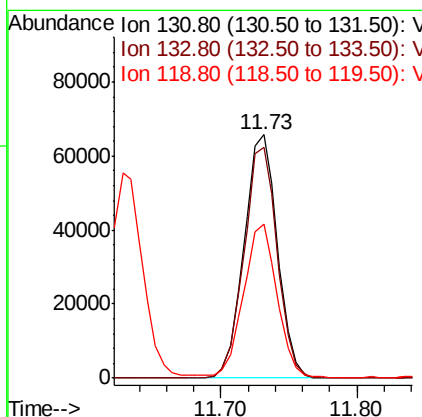
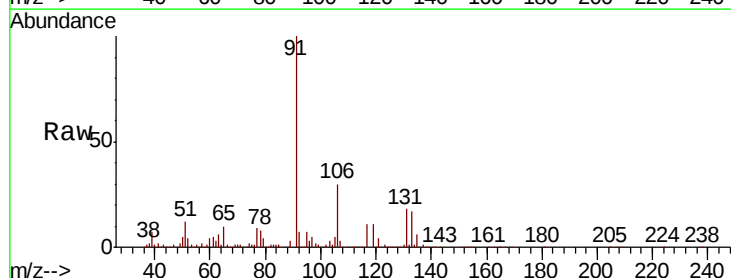
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

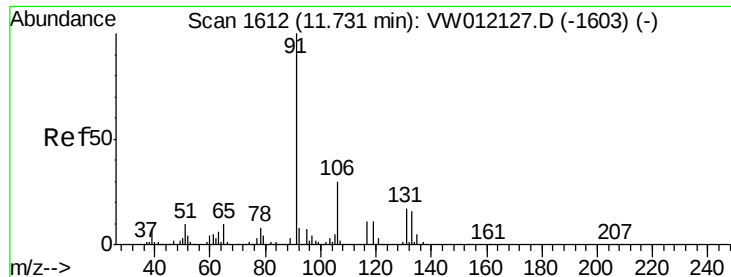
Tgt Ion:112 Resp: 307148
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 58.661 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion:131 Resp: 112748
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.3
119 63.2 31.8 95.3

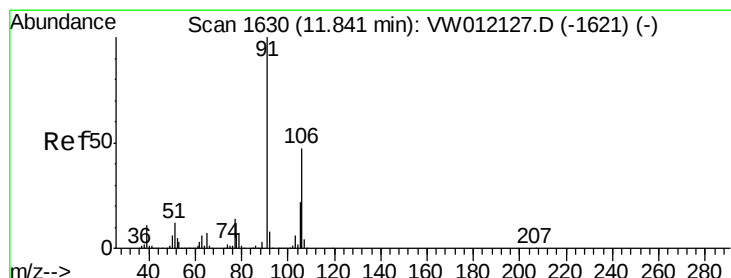
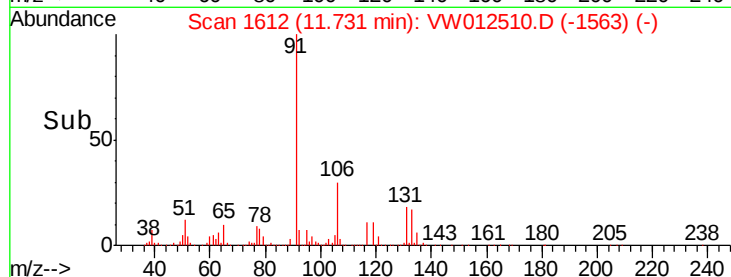
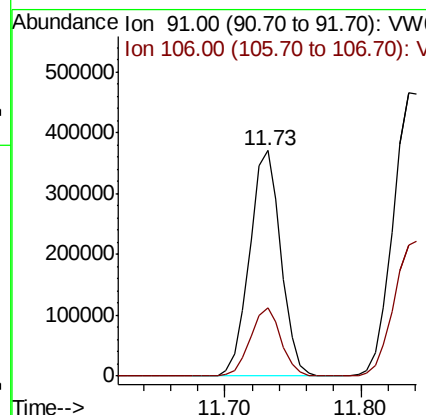
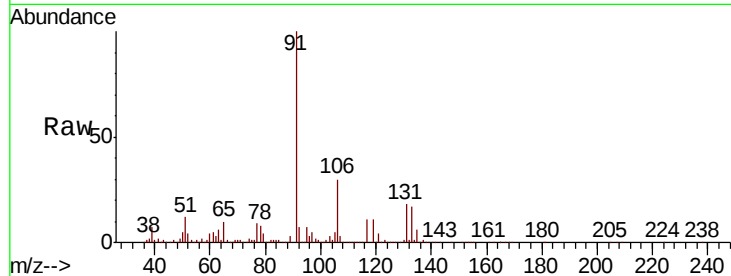




#67
Ethyl Benzene
Concen: 56.152 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

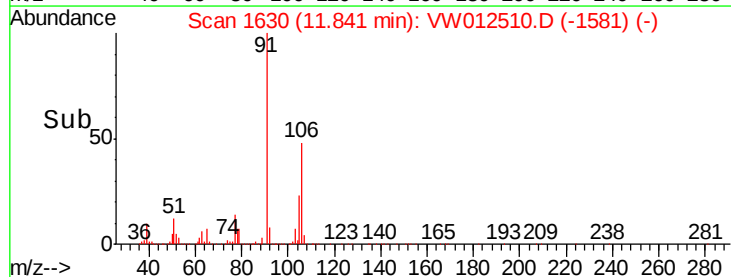
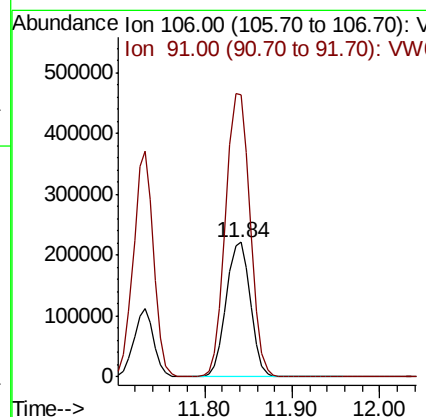
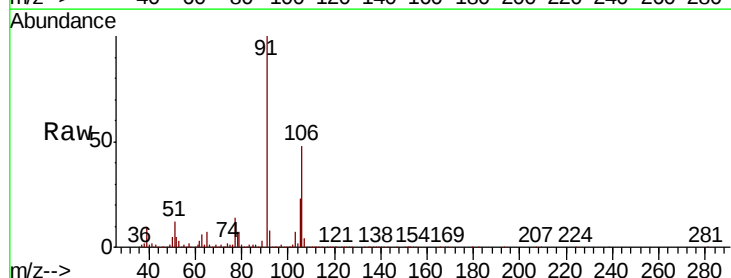
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

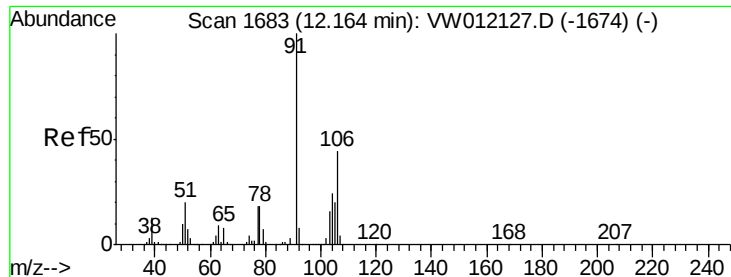
Tgt Ion: 91 Resp: 595943
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5



#68
m/p-Xylenes
Concen: 111.311 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion: 106 Resp: 425534
Ion Ratio Lower Upper
106 100
91 212.1 169.5 254.3

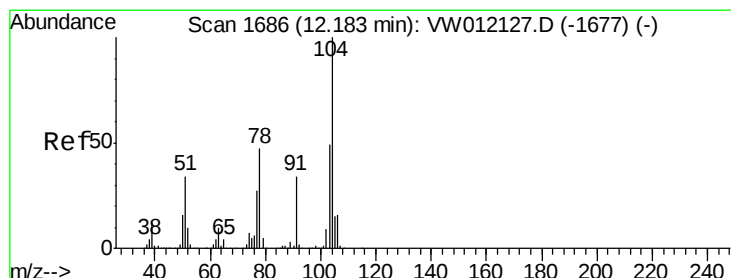
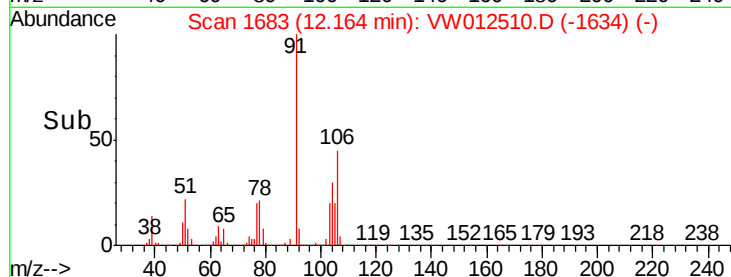
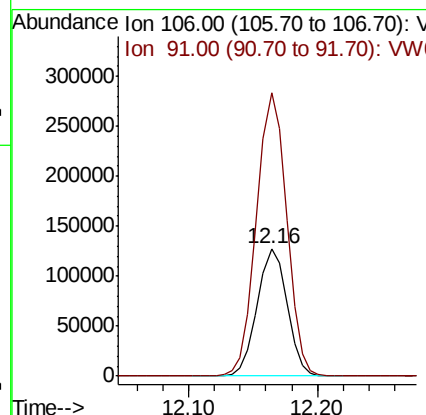
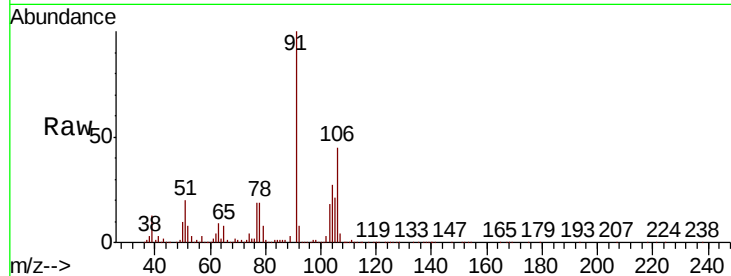




#69
o-Xylene
Concen: 57.844 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

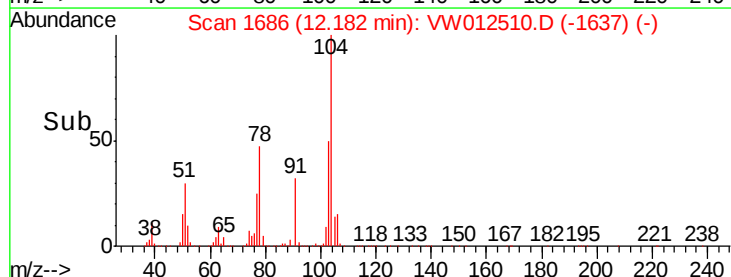
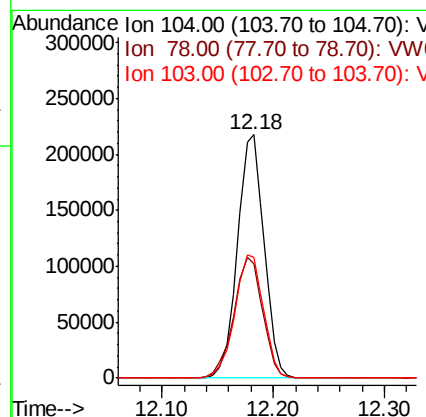
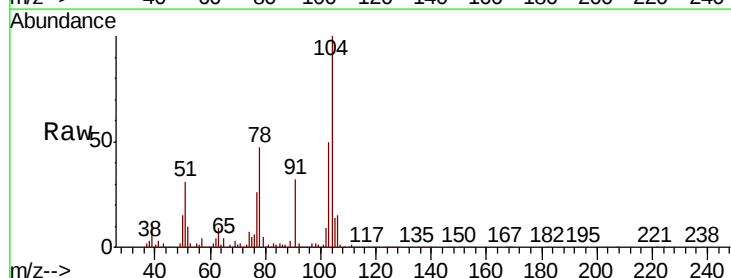
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

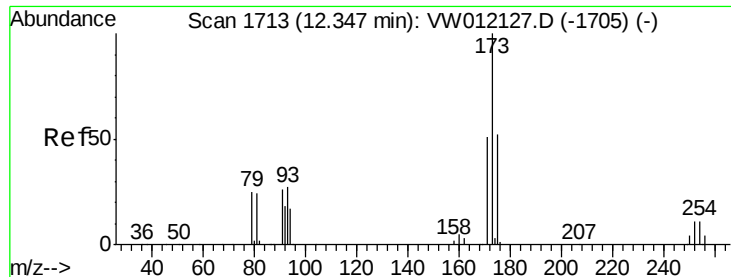
Tgt Ion:106 Resp: 204666
Ion Ratio Lower Upper
106 100
91 224.1 111.6 334.6



#70
Styrene
Concen: 58.642 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion:104 Resp: 359143
Ion Ratio Lower Upper
104 100
78 53.9 43.1 64.7
103 54.6 43.5 65.3





#71

Bromoform

Concen: 59.676 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

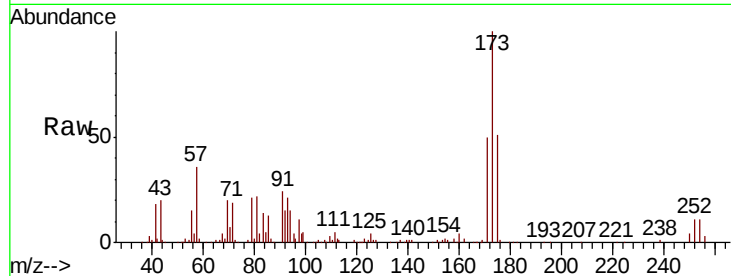
Tgt Ion:173 Resp: 57146

Ion Ratio Lower Upper

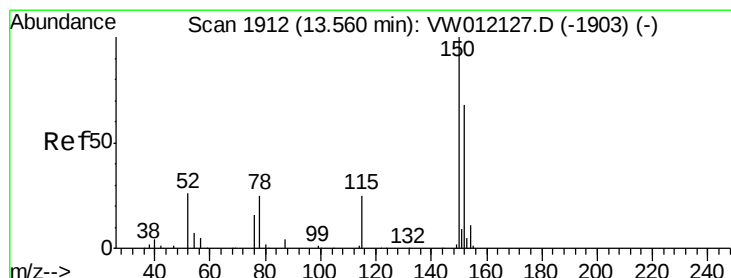
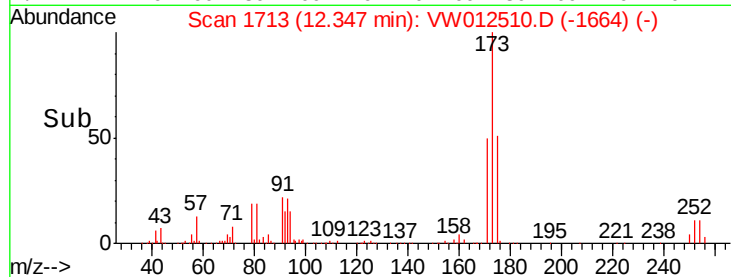
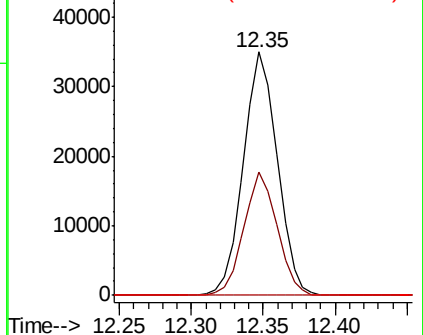
173 100

175 49.5 24.6 74.0

254 0.1 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: VW012510.D

Acq: 02 Sep 2019 20:02

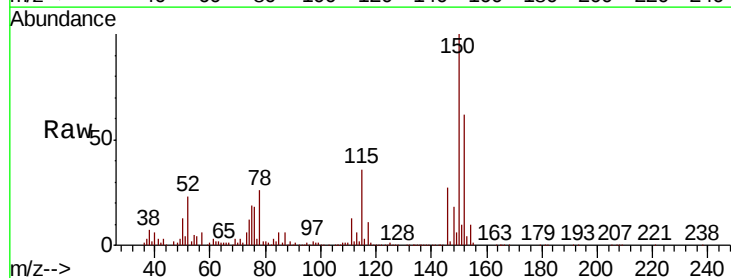
Tgt Ion:152 Resp: 136483

Ion Ratio Lower Upper

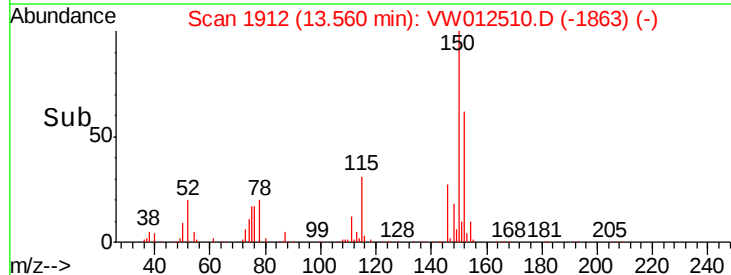
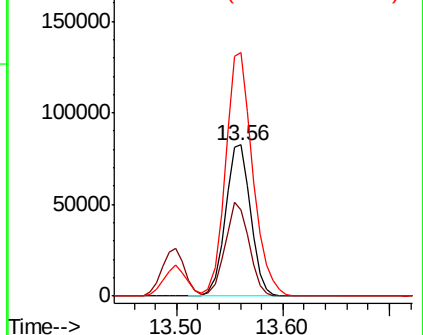
152 100

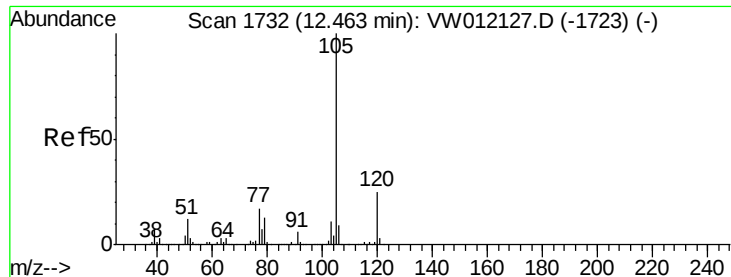
115 58.7 30.1 90.3

150 173.2 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: 55.977 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

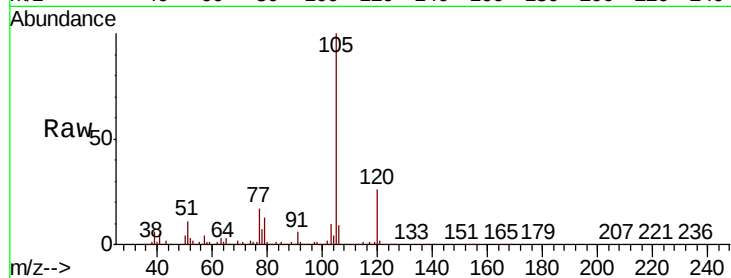
VSTDCCC050EC

Tgt Ion: 105 Resp: 572465

Ion Ratio Lower Upper

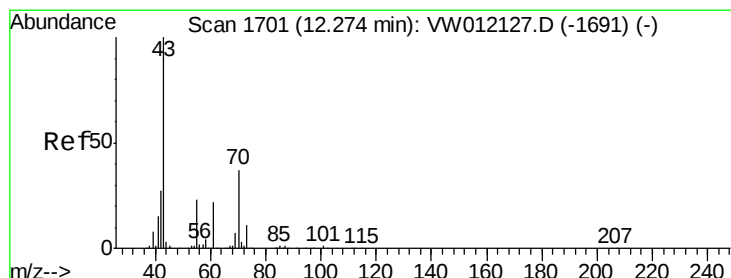
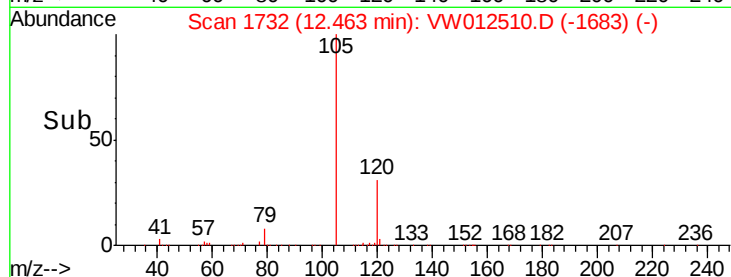
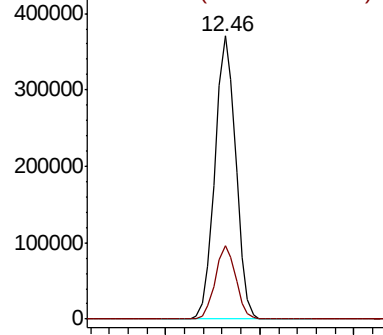
105 100

120 25.5 12.5 37.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.711 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Tgt Ion: 43 Resp: 178316

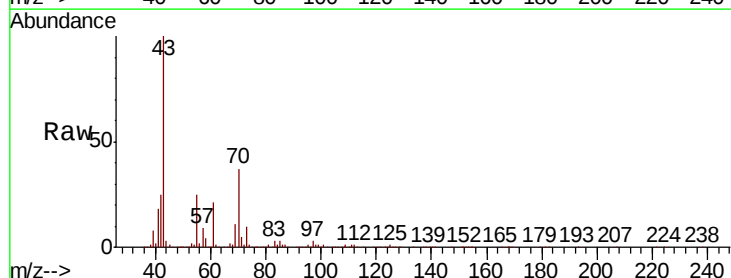
Ion Ratio Lower Upper

43 100

70 36.7 28.6 43.0

55 23.7 17.8 26.6

61 21.9 17.3 25.9

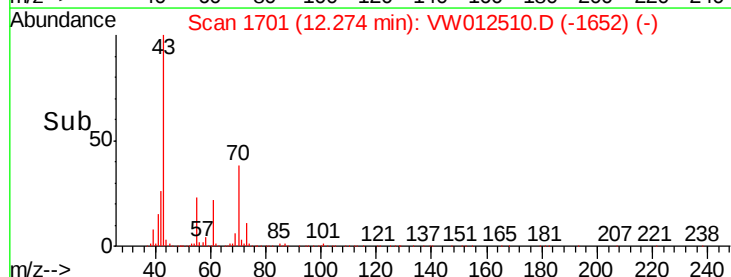
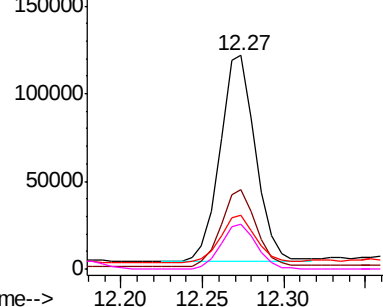


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 55.209 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

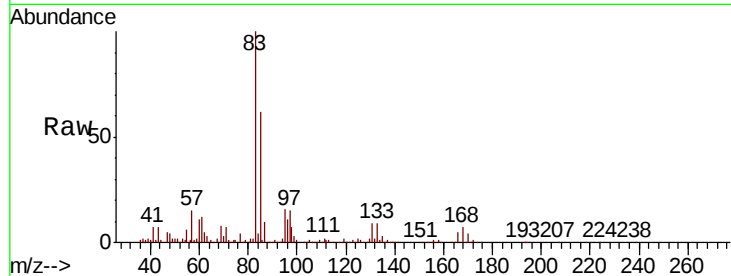
Tgt Ion: 83 Resp: 103510

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

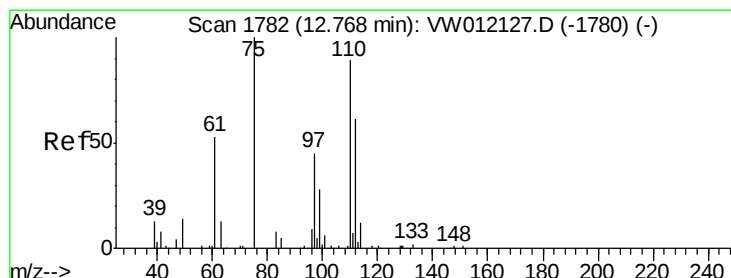
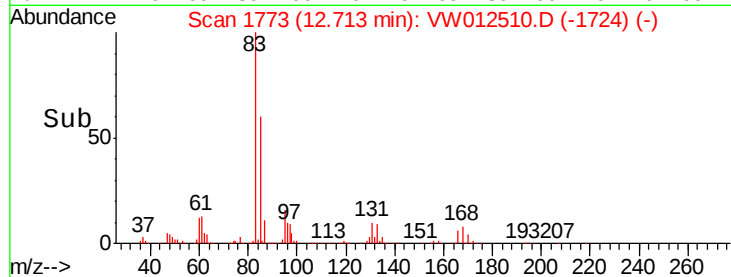
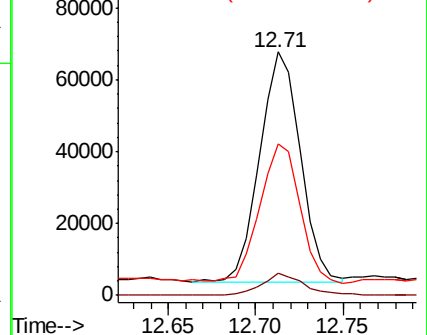
85 60.0 31.9 95.7



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: 103.144 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012510.D

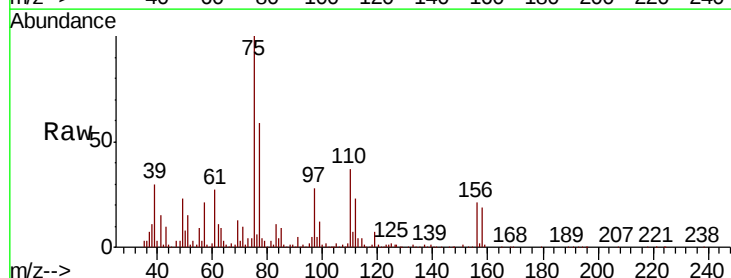
Acq: 02 Sep 2019 20:02

Tgt Ion: 75 Resp: 137104

Ion Ratio Lower Upper

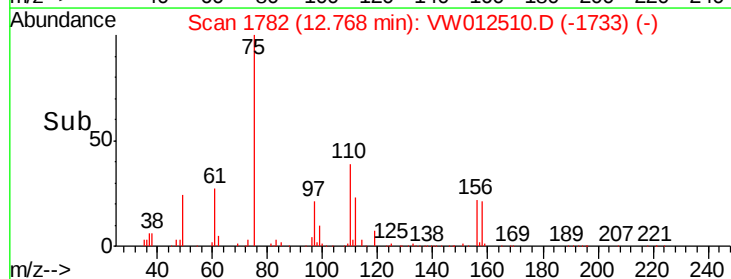
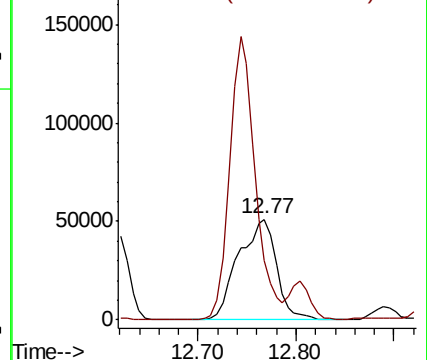
75 100

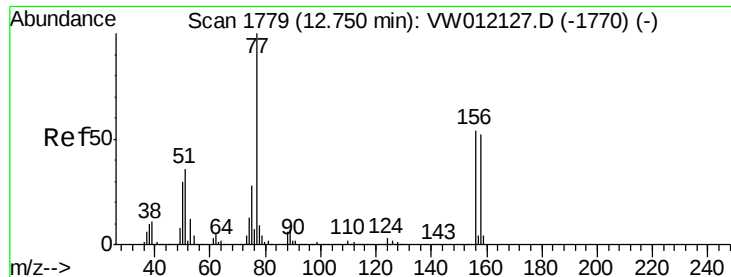
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

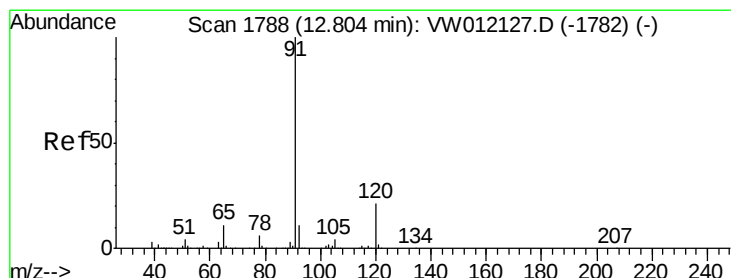
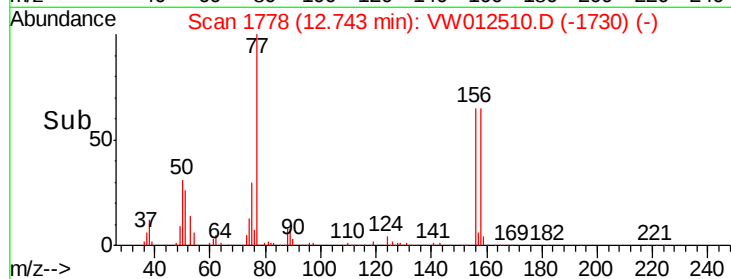
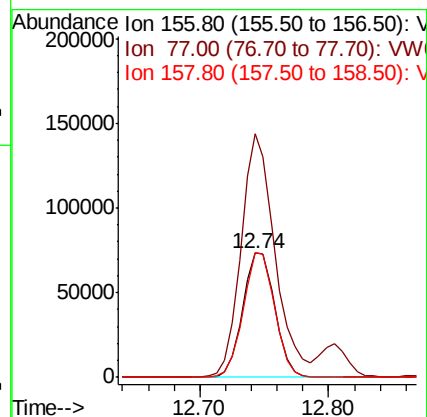
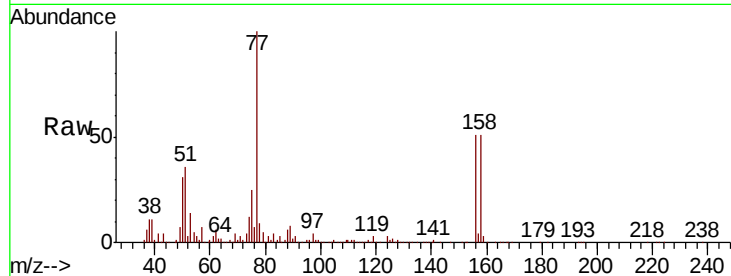




#77
Bromobenzene
Concen: 56.734 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

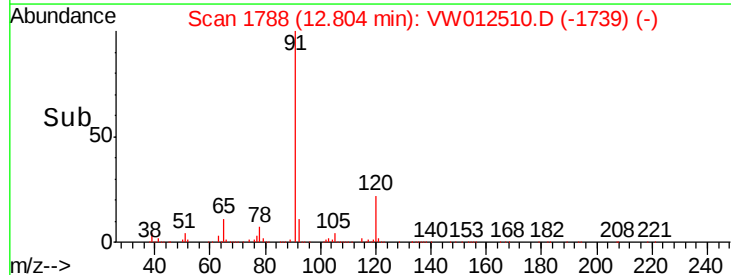
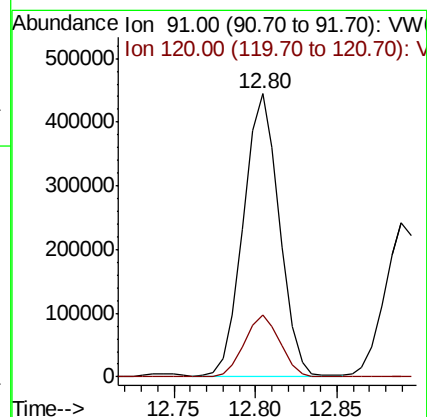
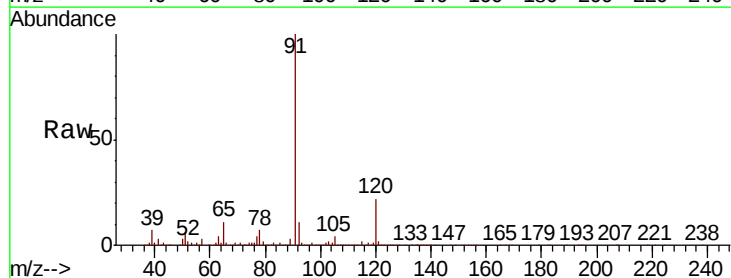
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

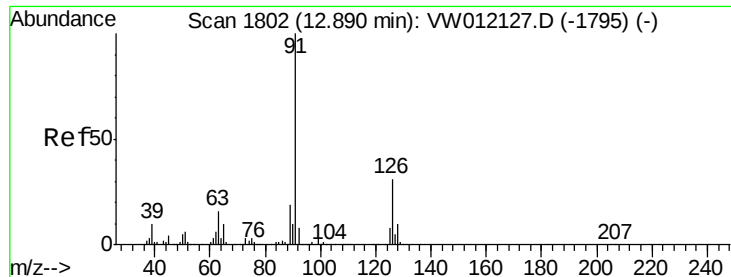
Tgt Ion:156 Resp: 125522
Ion Ratio Lower Upper
156 100
77 206.9 107.3 321.8
158 97.9 49.0 147.0



#78
n-propylbenzene
Concen: 54.313 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion: 91 Resp: 678099
Ion Ratio Lower Upper
91 100
120 21.9 10.5 31.6





#79

2-Chlorotoluene

Concen: 54.970 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

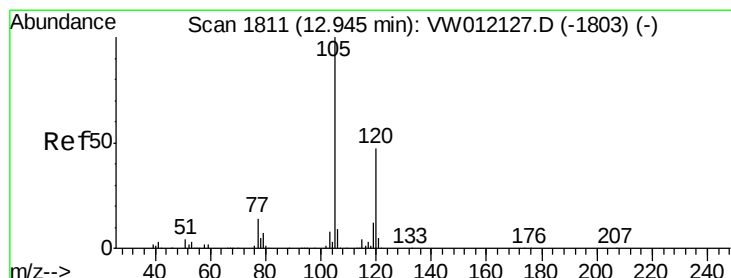
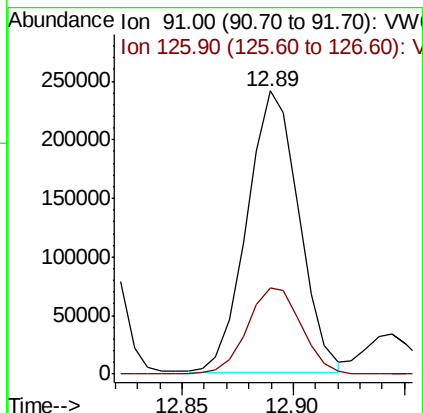
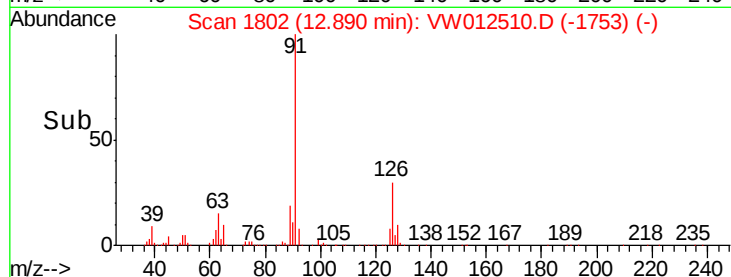
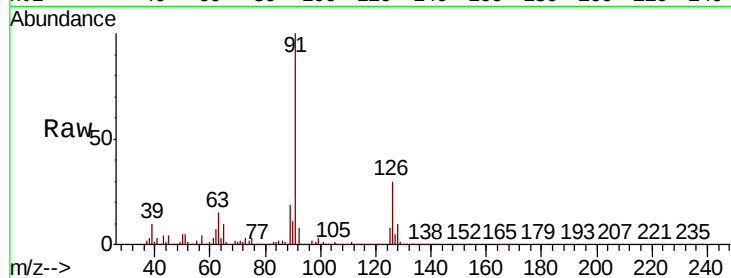
VSTDCCC050EC

Tgt Ion: 91 Resp: 389643

Ion Ratio Lower Upper

91 100

126 31.5 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 55.791 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012510.D

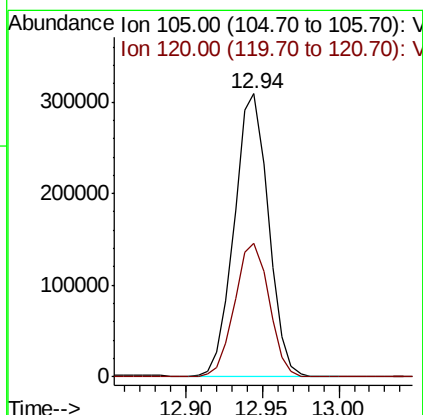
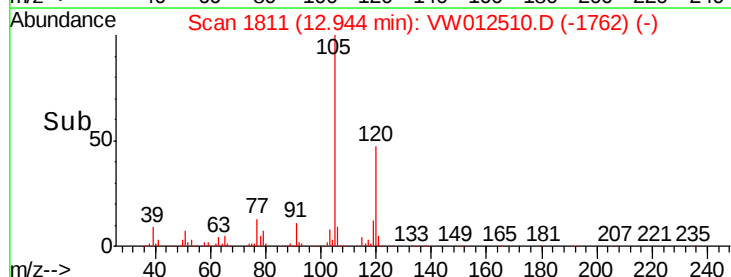
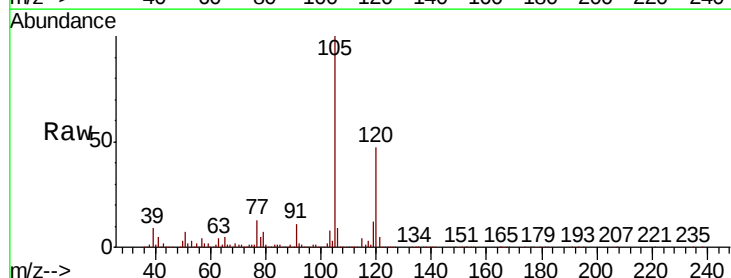
Acq: 02 Sep 2019 20:02

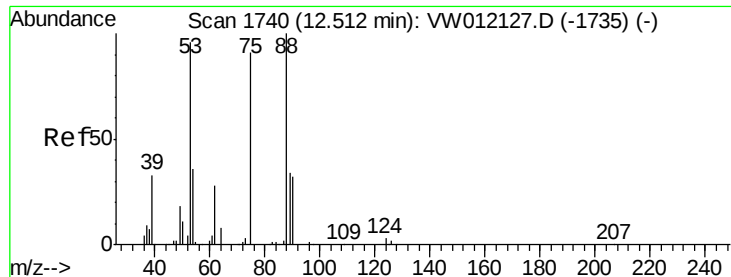
Tgt Ion: 105 Resp: 476764

Ion Ratio Lower Upper

105 100

120 47.8 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 54.279 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

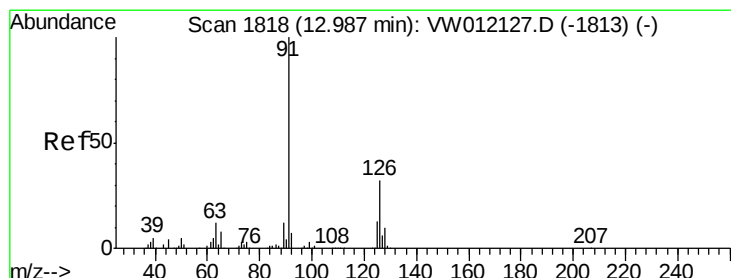
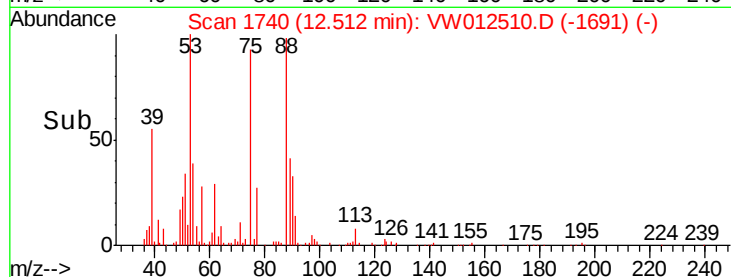
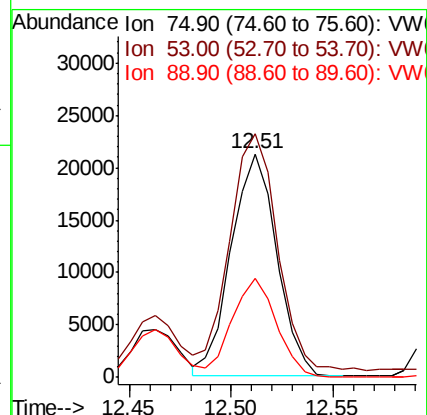
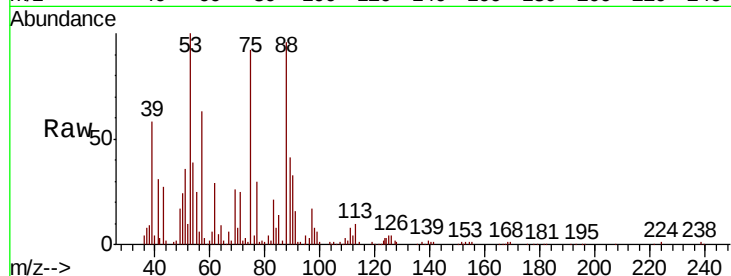
Tgt Ion: 75 Resp: 32907

Ion Ratio Lower Upper

75 100

53 109.7 89.4 134.0

89 43.1 34.5 51.7



#82

4-Chlorotoluene

Concen: 54.863 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012510.D

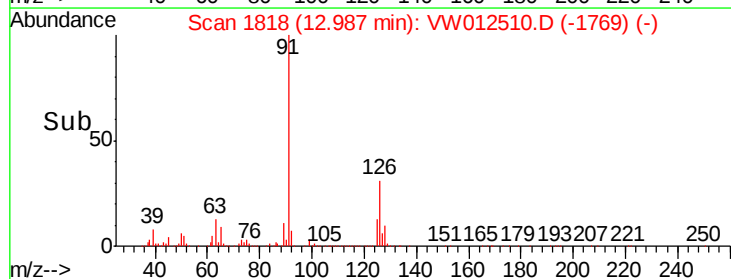
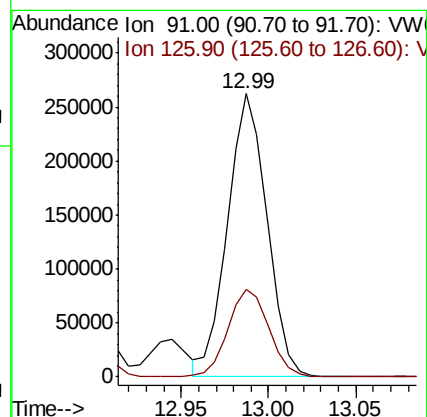
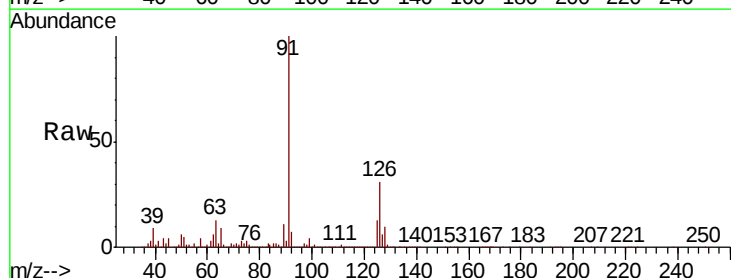
Acq: 02 Sep 2019 20:02

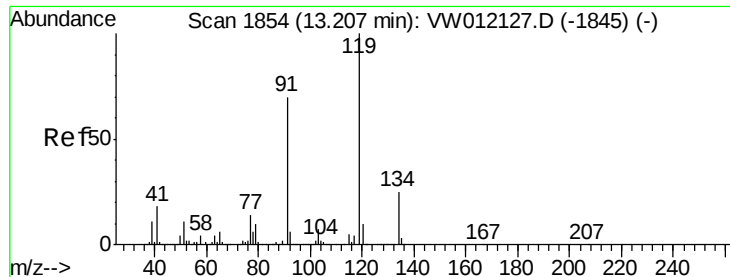
Tgt Ion: 91 Resp: 407187

Ion Ratio Lower Upper

91 100

126 31.7 15.6 46.8

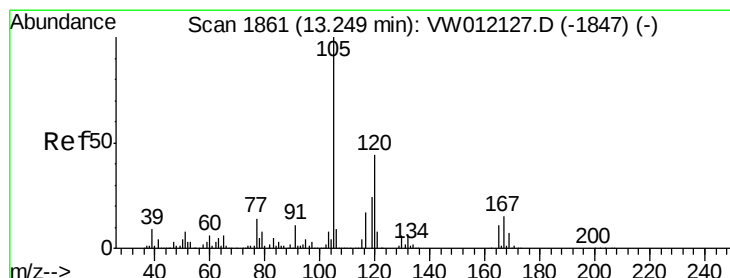
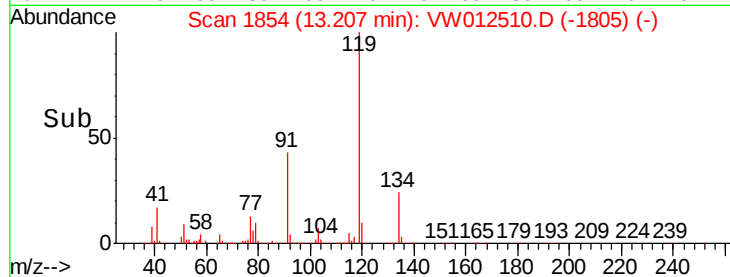
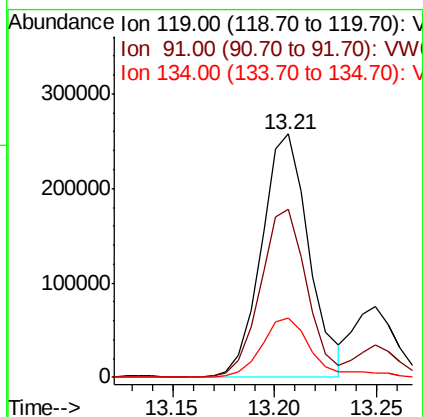
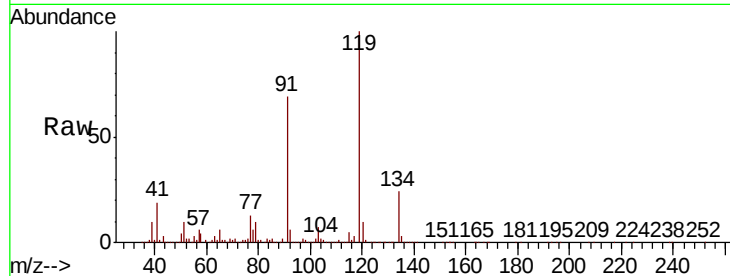




#83
tert-Butylbenzene
Concen: 57.261 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

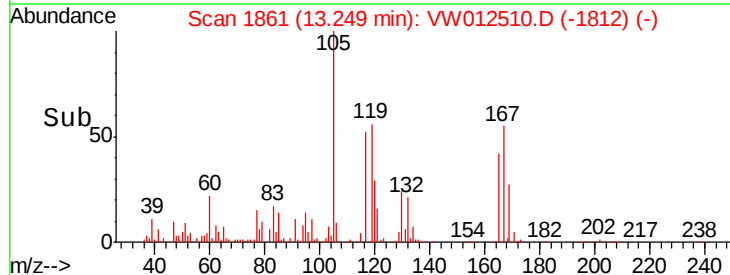
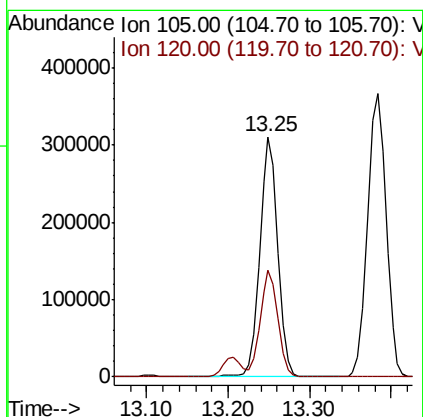
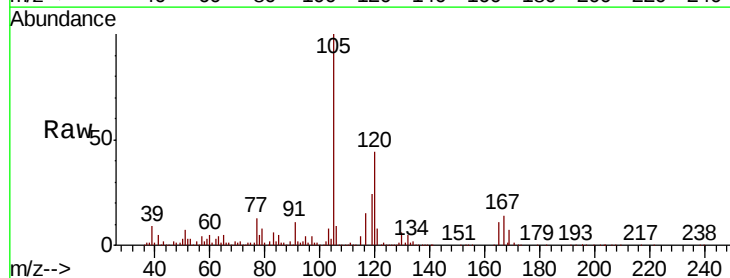
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

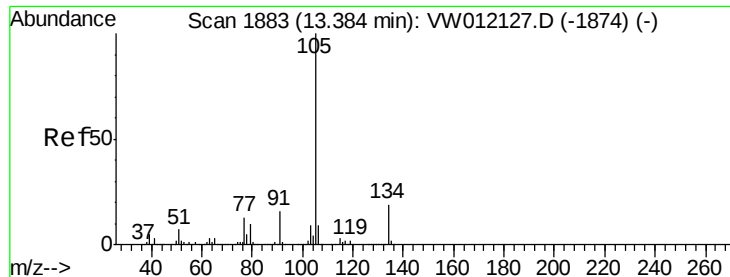
Tgt Ion:119 Resp: 414498
Ion Ratio Lower Upper
119 100
91 67.5 34.8 104.3
134 26.2 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 55.909 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion:105 Resp: 479939
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.7

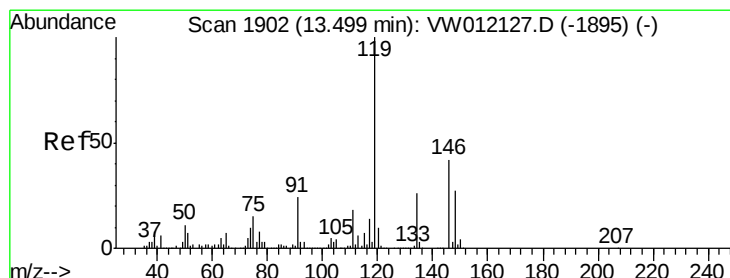
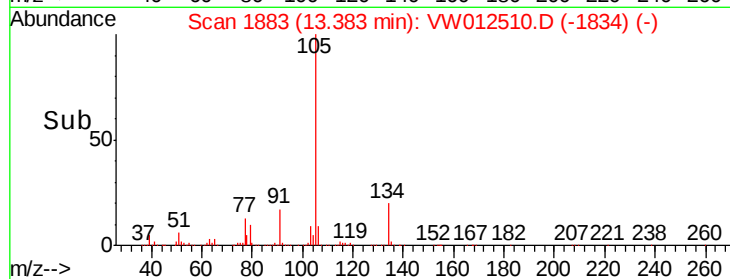
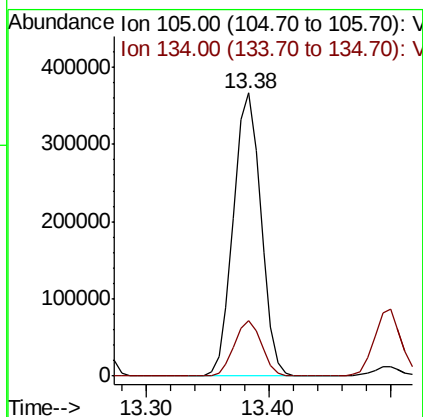
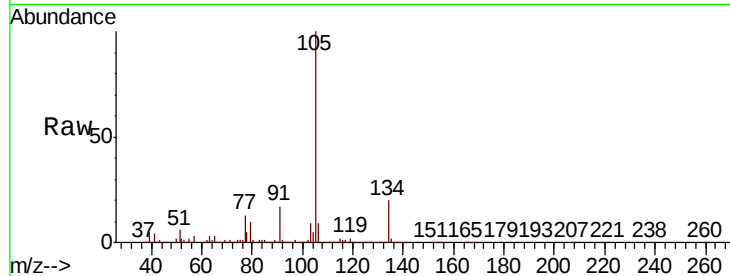




#85
 sec-Butylbenzene
 Concen: 54.942 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

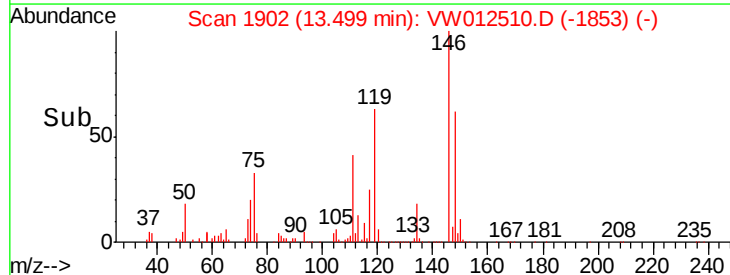
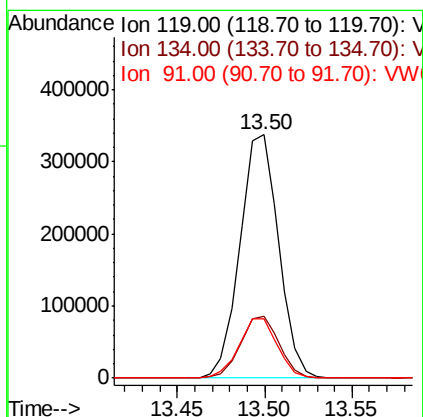
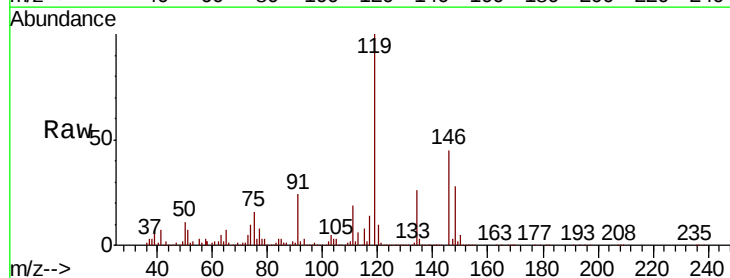
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

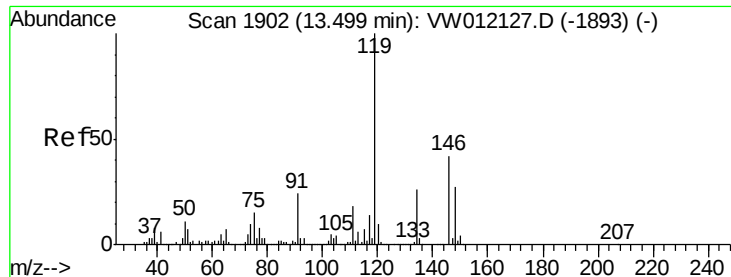
Tgt Ion:105 Resp: 569795
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 56.055 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

Tgt Ion:119 Resp: 519167
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.3 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 55.422 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

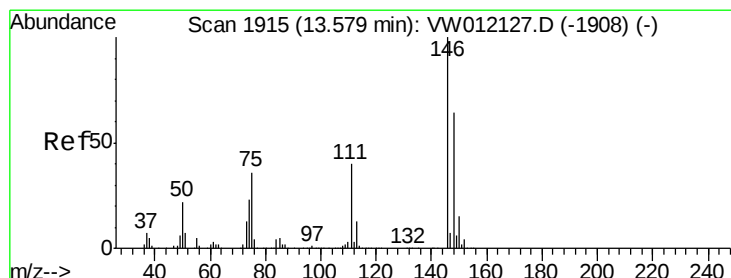
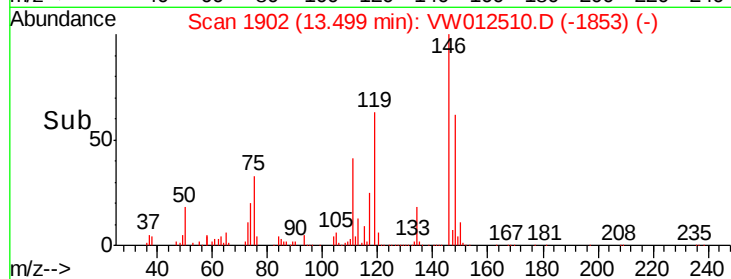
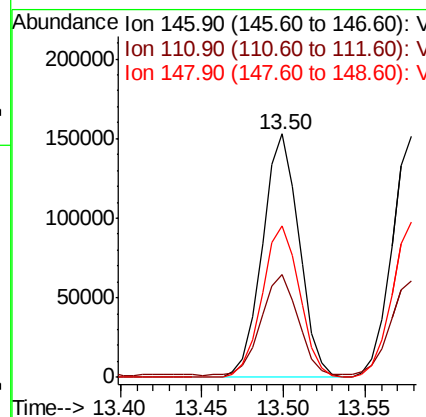
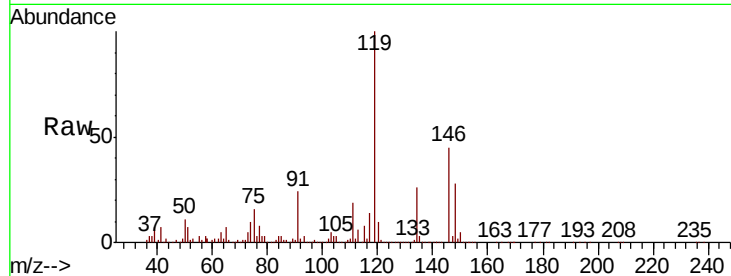
Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 239838

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.9	62.7
148	63.5	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 54.965 ug/l

RT: 13.58 min Scan# 1915

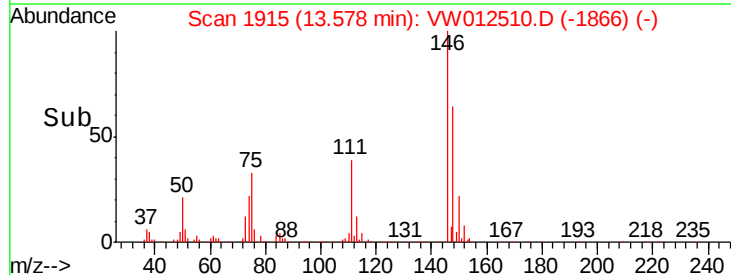
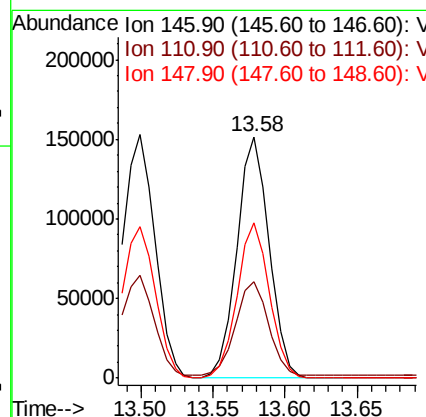
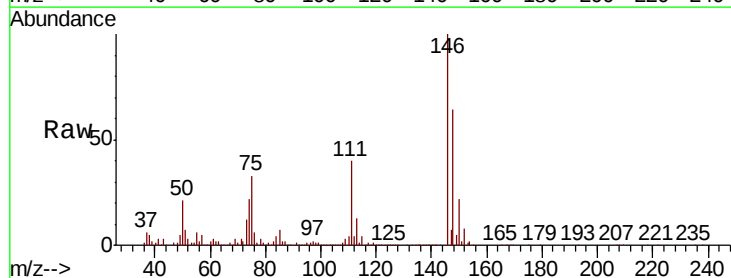
Delta R.T. -0.00 min

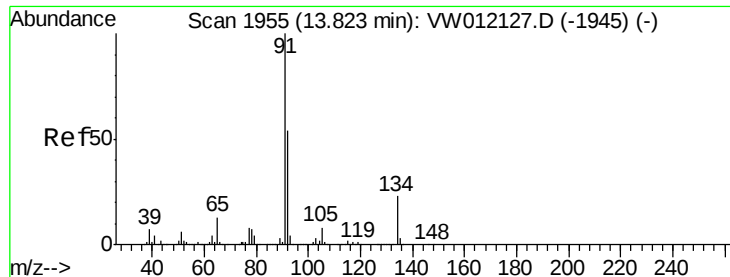
Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Tgt Ion:146 Resp: 236181

Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	60.0
148	64.6	32.1	96.3





#89

n-Butylbenzene

Concen: 54.484 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012510.D

Acq: 02 Sep 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

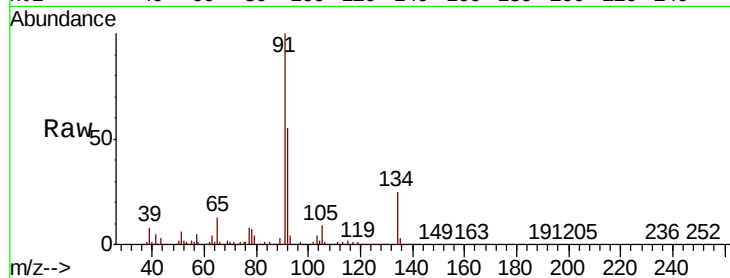
Tgt Ion: 91 Resp: 501812

Ion Ratio Lower Upper

91 100

92 54.6 27.1 81.2

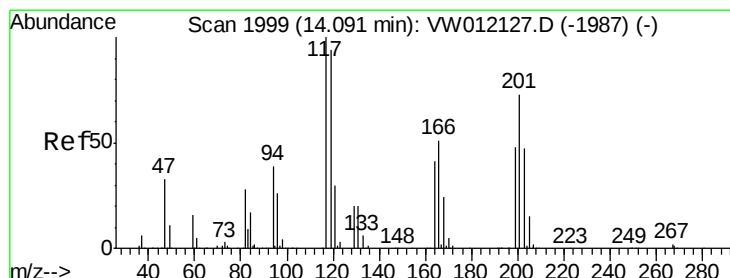
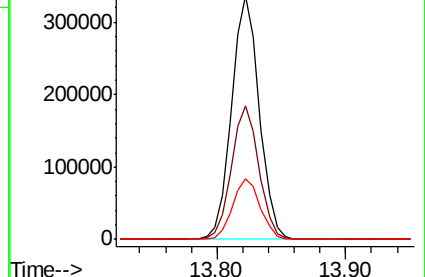
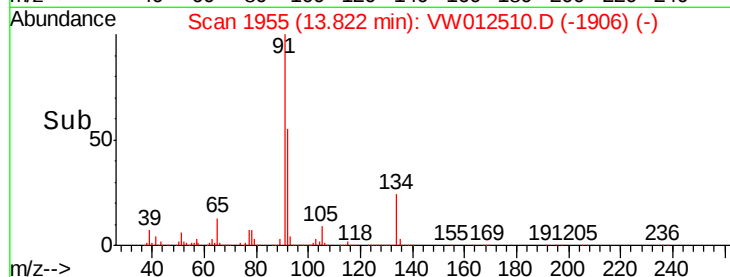
134 25.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): VW



#90

Hexachloroethane

Concen: 54.075 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012510.D

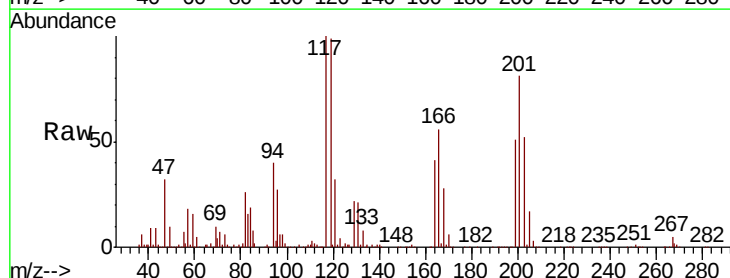
Acq: 02 Sep 2019 20:02

Tgt Ion: 117 Resp: 87869

Ion Ratio Lower Upper

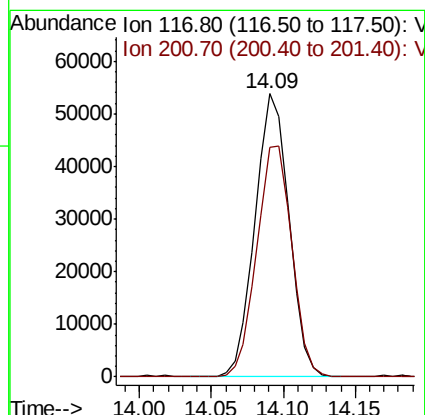
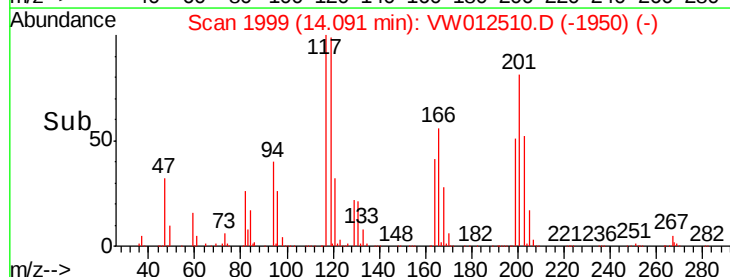
117 100

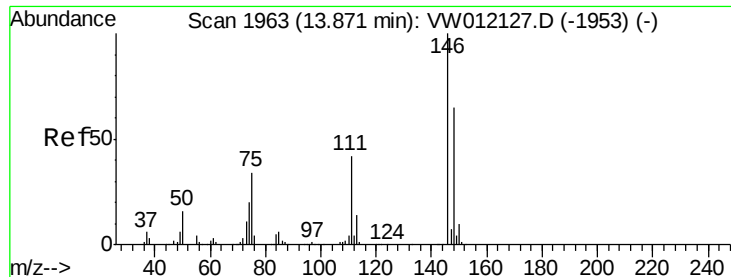
201 84.2 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

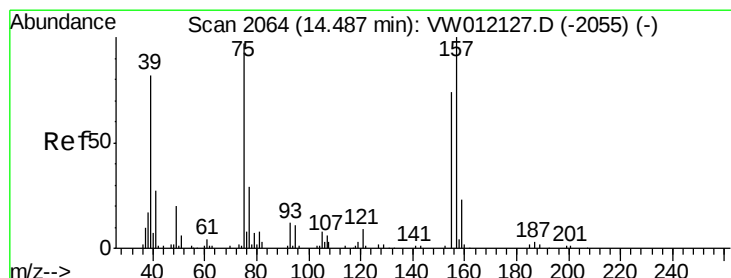
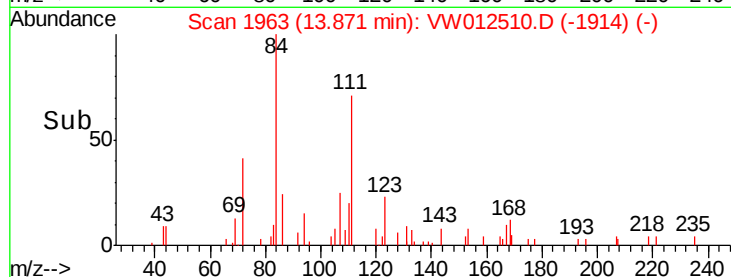
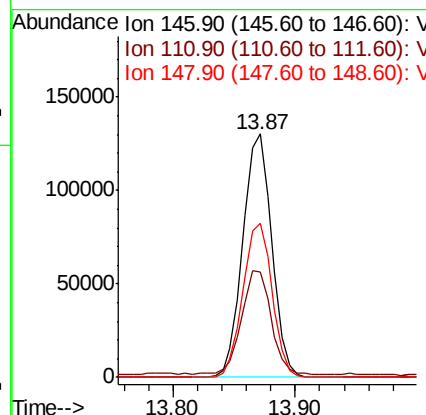
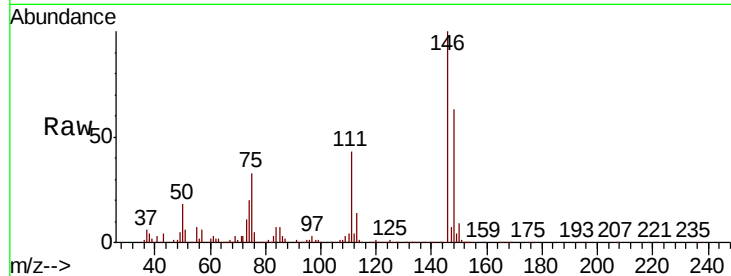




#91
 1,2-Dichlorobenzene
 Concen: 56.309 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

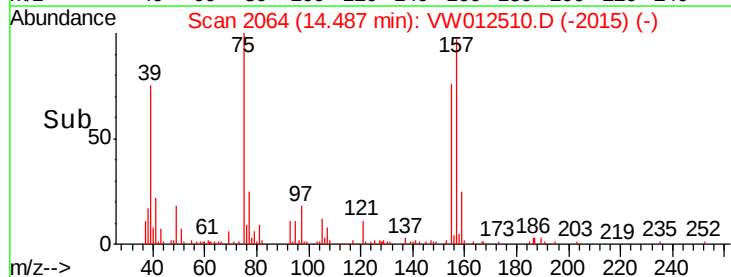
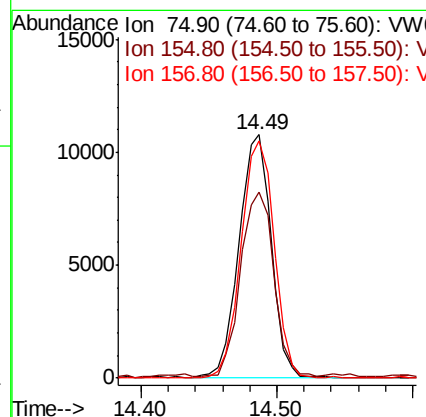
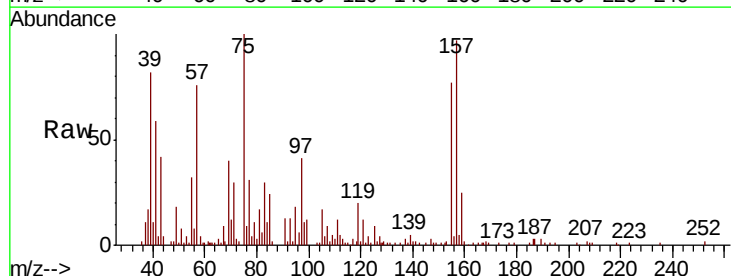
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

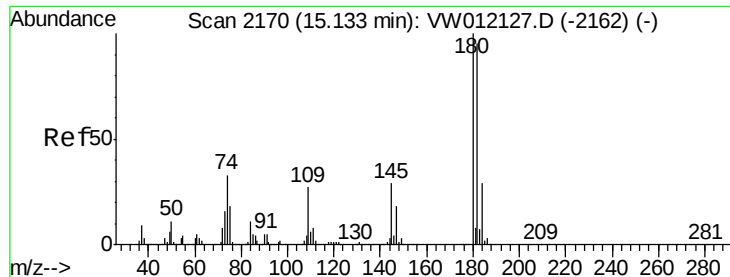
Tgt Ion: 146 Resp: 213768
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.2 63.6
 148 63.9 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.531 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

Tgt Ion: 75 Resp: 17868
 Ion Ratio Lower Upper
 75 100
 155 78.5 37.5 112.3
 157 100.0 50.5 151.5

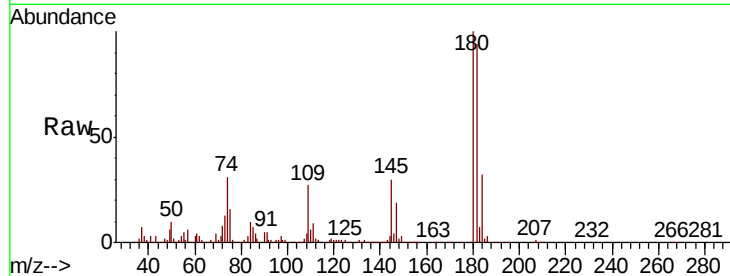




#93
 1,2,4-Trichlorobenzene
 Concen: 59.296 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.4
145	30.2	15.0	45.1

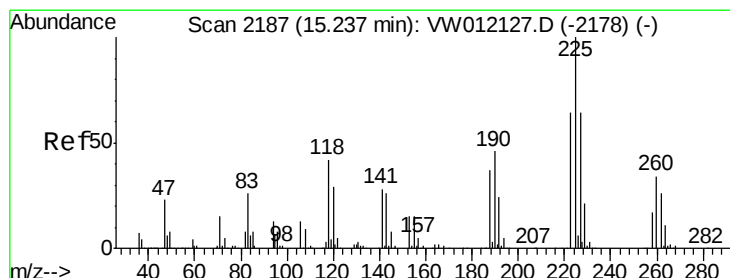
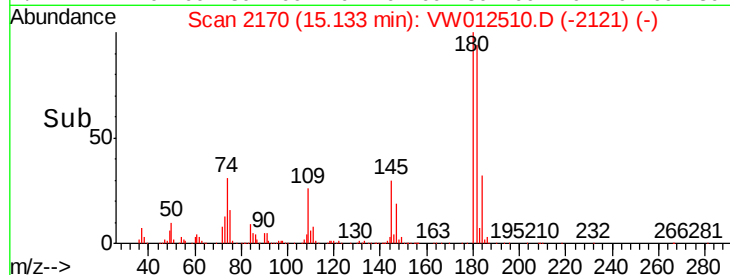
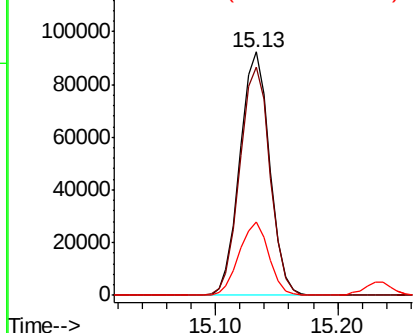


Abundance

Ion 179.80 (179.50 to 180.50): V

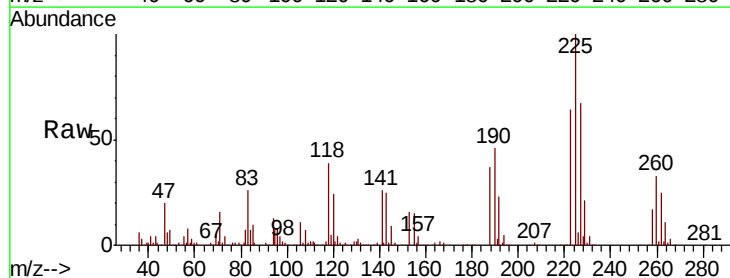
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 55.823 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012510.D
 Acq: 02 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	32.3	96.8
227	65.0	32.9	98.6

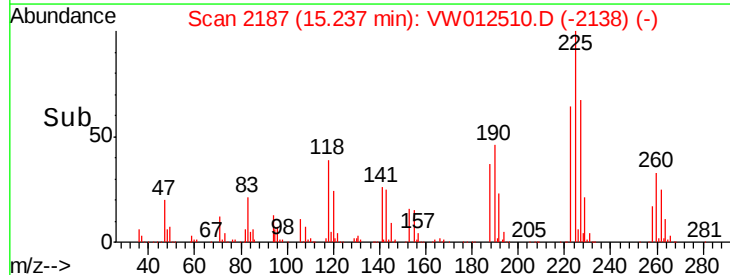
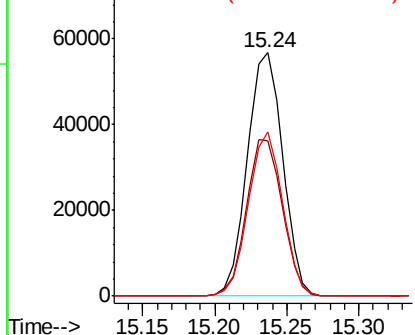


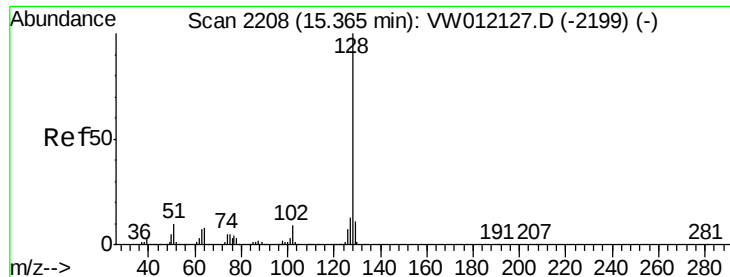
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

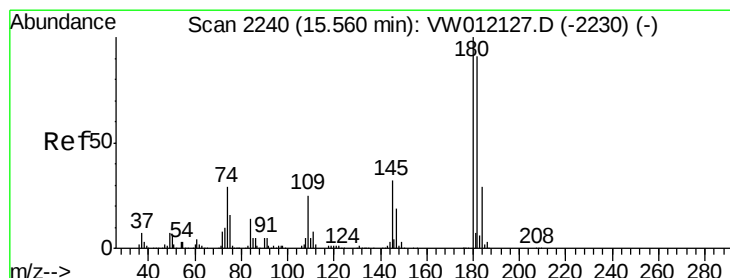
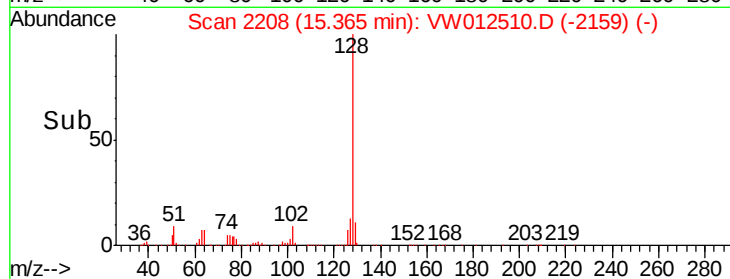
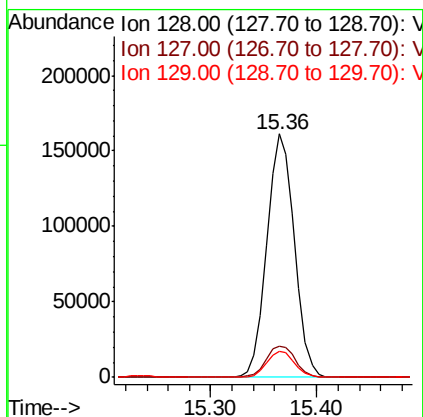
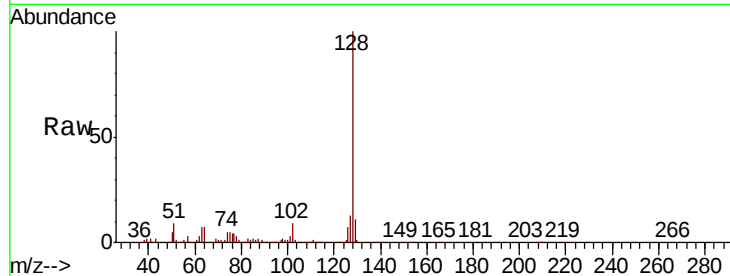




#95
Naphthalene
Concen: 55.873 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 290498
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 59.491 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012510.D
Acq: 02 Sep 2019 20:02

Tgt Ion:180 Resp: 136171
Ion Ratio Lower Upper
180 100
182 95.5 47.1 141.3
145 31.8 16.2 48.5

