

Data File : VW012176.D
Acq On : 26 Aug 2019 17:48
Operator : SY/VA
Sample : VW0826SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS02

Quant Time: Aug 27 04:56:43 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	237092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	157240	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	148481	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
35) Dibromofluoromethane	7.88	113	116287	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	10.32	98	477258	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.62	95	167518	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24326	16.663	ug/l	99
3) Chloromethane	2.21	50	40418	17.870	ug/l	98
4) Vinyl Chloride	2.36	62	49700	17.953	ug/l	96
5) Bromomethane	2.77	94	25379	18.102	ug/l	97
6) Chloroethane	2.91	64	28094	17.990	ug/l	97
7) Trichlorofluoromethane	3.25	101	24920	17.928	ug/l	95
8) Diethyl Ether	3.68	74	23946	18.149	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44624	18.886	ug/l	98
10) Methyl Iodide	4.27	142	56700	17.736	ug/l	99
11) Tert butyl alcohol	5.17	59	19896	117.303	ug/l	98
12) 1,1-Dichloroethene	4.04	96	43612	18.339	ug/l	99
13) Acrolein	3.89	56	16195	101.434	ug/l	99
14) Allyl chloride	4.67	41	91510	17.999	ug/l	99
15) Acrylonitrile	5.37	53	64807	99.096	ug/l	100
16) Acetone	4.12	43	67718	93.994	ug/l	94
17) Carbon Disulfide	4.38	76	118646	16.508	ug/l	100
18) Methyl Acetate	4.67	43	35649	19.978	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	73537	19.121	ug/l	97
20) Methylene Chloride	4.92	84	51225	18.808	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	46999	18.430	ug/l	98
22) Diisopropyl ether	6.31	45	178667	18.959	ug/l	98
23) Vinyl Acetate	6.25	43	553689	95.470	ug/l	99
24) 1,1-Dichloroethane	6.21	63	96007	18.711	ug/l	99
25) 2-Butanone	7.17	43	97209	99.293	ug/l	100
26) 2,2-Dichloropropane	7.17	77	57346	19.745	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	51570	18.927	ug/l	97
28) Bromochloromethane	7.51	49	44961	20.104	ug/l #	99
29) Tetrahydrofuran	7.53	42	61237	104.257	ug/l	99
30) Chloroform	7.67	83	90015	19.175	ug/l	99
31) Cyclohexane	7.95	56	88454	17.424	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	70242	18.914	ug/l	100
36) 1,1-Dichloropropene	8.08	75	72325	18.621	ug/l	99
37) Ethyl Acetate	7.25	43	43272	20.331	ug/l	99
38) Carbon Tetrachloride	8.07	117	63434	18.870	ug/l	95

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ClientSampleId :
VW0826SBS02

Quant Time: Aug 27 04:56:43 2019
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78568	18.006	ug/l	99
40) Benzene	8.32	78	197806	18.651	ug/l	100
41) Methacrylonitrile	7.48	41	24851	19.866	ug/l	97
42) 1,2-Dichloroethane	8.40	62	64664	19.455	ug/l	100
43) Isopropyl Acetate	8.42	43	78983	20.034	ug/l	99
44) Trichloroethene	9.09	130	47505	18.426	ug/l	95
45) 1,2-Dichloropropane	9.37	63	54548	19.111	ug/l	95
46) Dibromomethane	9.46	93	24605	19.375	ug/l	99
47) Bromodichloromethane	9.65	83	64569	19.104	ug/l	99
48) Methyl methacrylate	9.43	41	36051	19.213	ug/l	95
49) 1,4-Dioxane	9.45	88	7508	386.186	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	203966	101.717	ug/l	99
52) Toluene	10.38	92	121168	19.018	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	65406	18.998	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	78645	18.919	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	35363	19.681	ug/l	95
56) Ethyl methacrylate	10.65	69	50644	19.366	ug/l	98
57) 1,3-Dichloropropane	10.93	76	66859	19.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	145604	108.488	ug/l	99
59) 2-Hexanone	10.97	43	142922	100.732	ug/l	100
60) Dibromochloromethane	11.13	129	37813	18.894	ug/l	97
61) 1,2-Dibromoethane	11.23	107	33102	19.775	ug/l	100
64) Tetrachloroethene	10.86	164	39743	18.837	ug/l	97
65) Chlorobenzene	11.66	112	120973	18.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	42460	18.994	ug/l	100
67) Ethyl Benzene	11.73	91	233804	18.941	ug/l	99
68) m/p-Xylenes	11.84	106	168391	37.871	ug/l	99
69) o-Xylene	12.16	106	77251	18.772	ug/l	100
70) Styrene	12.18	104	134580	18.893	ug/l	100
71) Bromoform	12.35	173	21798	19.571	ug/l #	96
73) Isopropylbenzene	12.46	105	221974	18.840	ug/l	98
74) N-amyl acetate	12.27	43	69648	19.565	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	43169	19.985	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	57565	37.590	ug/l #	100
77) Bromobenzene	12.74	156	48234	18.923	ug/l	98
78) n-propylbenzene	12.80	91	274684	19.097	ug/l	99
79) 2-Chlorotoluene	12.89	91	153625	18.812	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	187137	19.008	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	13972	20.004	ug/l	99
82) 4-Chlorotoluene	12.99	91	162401	18.993	ug/l	100
83) tert-Butylbenzene	13.21	119	160576	19.254	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	186608	18.869	ug/l	100
85) sec-Butylbenzene	13.38	105	230702	19.309	ug/l	99
86) p-Isopropyltoluene	13.50	119	204953	19.208	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	96797	19.415	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	94756	19.141	ug/l	98
89) n-Butylbenzene	13.82	91	204207	19.245	ug/l	99
90) Hexachloroethane	14.09	117	35714	19.077	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	84259	19.265	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7542	20.711	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082619\
Quantitation Report (Not Reviewed)

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Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

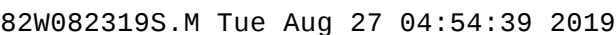
Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS02

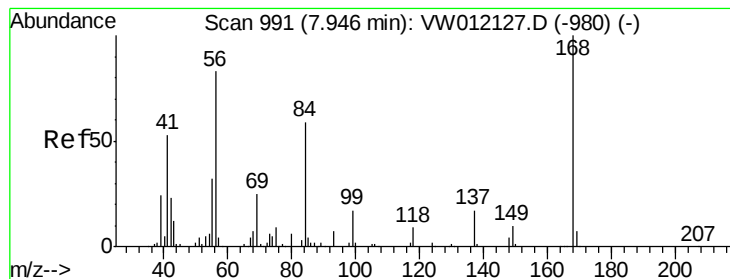
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	59348	19.635	ug/l	99
94) Hexachlorobutadiene	15.24	225	39312	19.698	ug/l	97
95) Naphthalene	15.36	128	103399	20.248	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	50783	19.257	ug/l	98

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

Quant Time: Aug 27 04:47:34 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

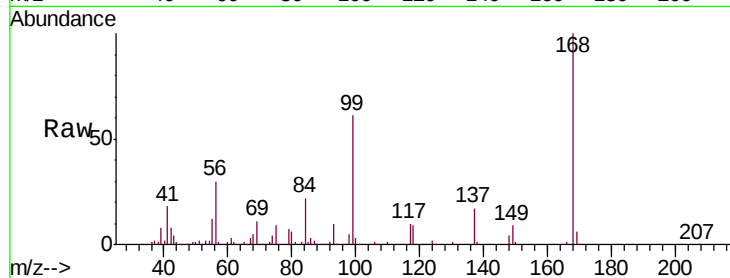
VW0826SBS02

Tgt Ion:168 Resp: 237092

Ion Ratio Lower Upper

168 100

99 60.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

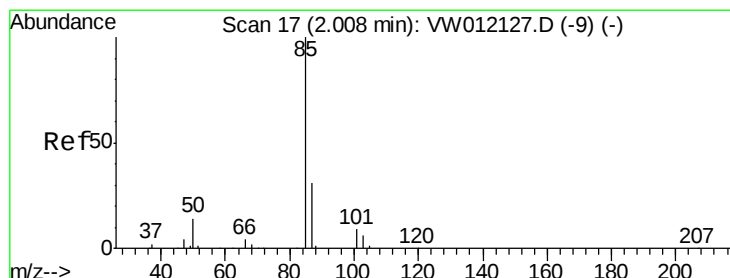
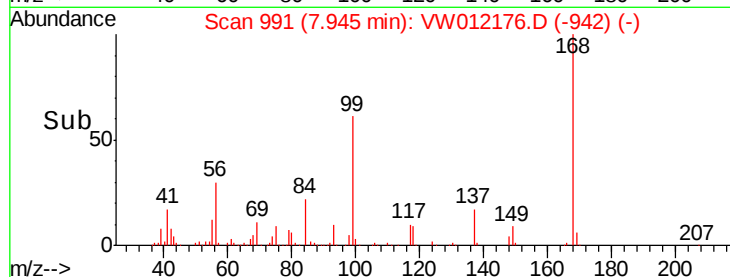
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 16.663 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012176.D

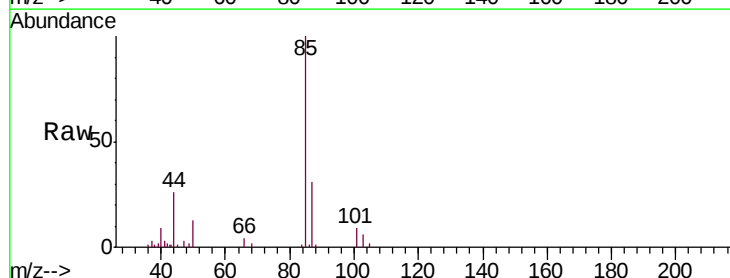
Acq: 26 Aug 2019 17:48

Tgt Ion: 85 Resp: 24326

Ion Ratio Lower Upper

85 100

87 30.9 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

10000

8000

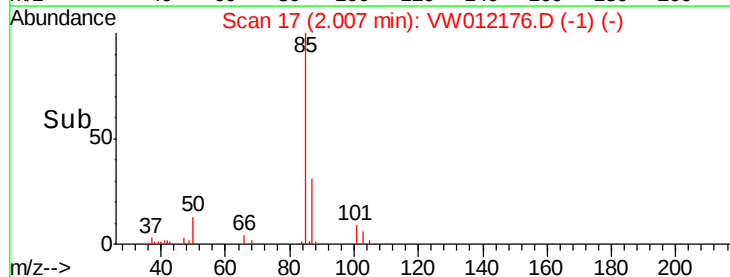
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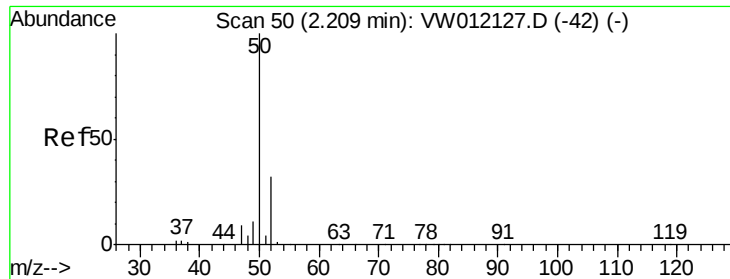
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 17.870 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampled :

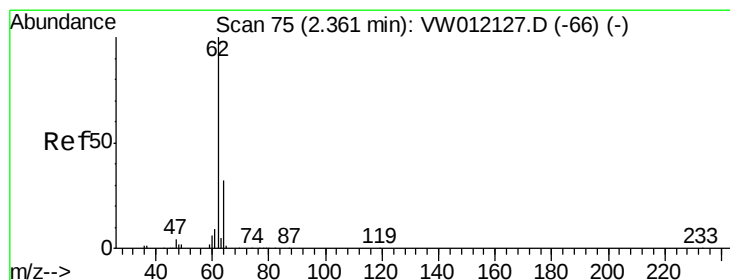
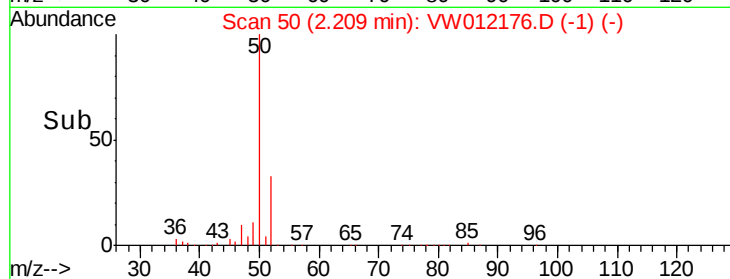
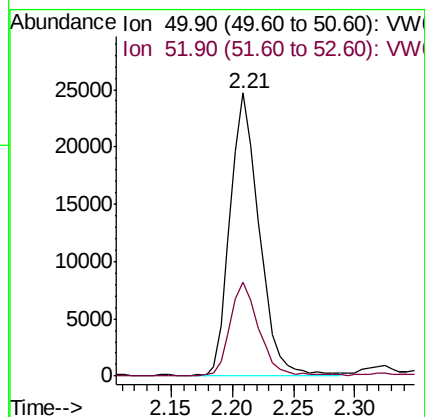
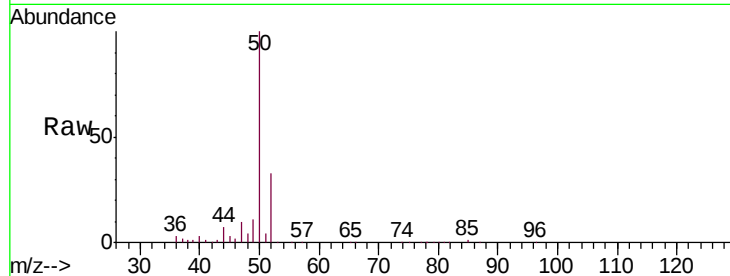
VW0826SBS02

Tgt Ion: 50 Resp: 40418

Ion Ratio Lower Upper

50 100

52 33.1 25.5 38.3



#4

Vinyl Chloride

Concen: 17.953 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012176.D

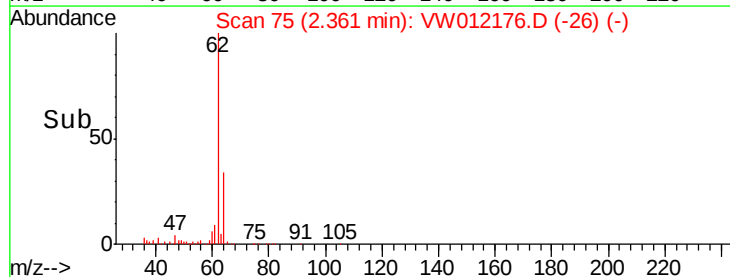
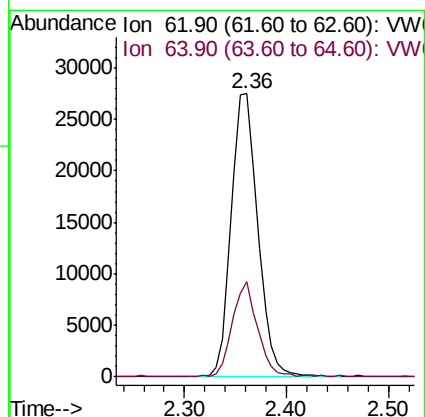
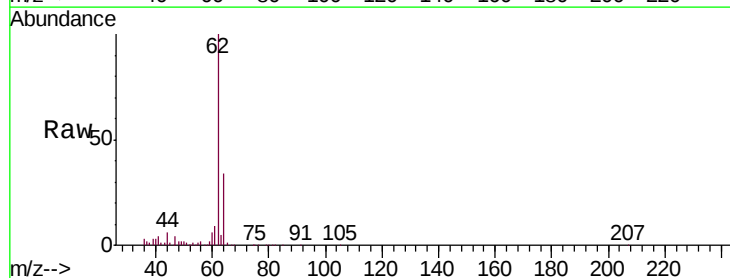
Acq: 26 Aug 2019 17:48

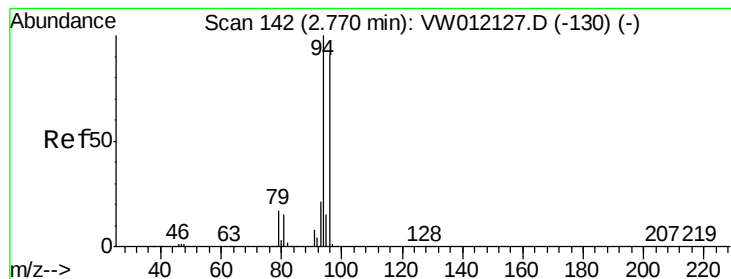
Tgt Ion: 62 Resp: 49700

Ion Ratio Lower Upper

62 100

64 33.8 25.3 37.9





#5

Bromomethane

Concen: 18.102 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

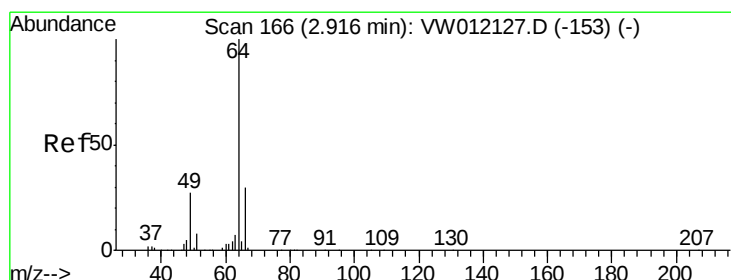
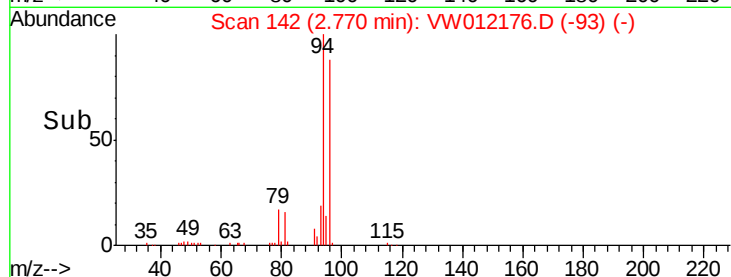
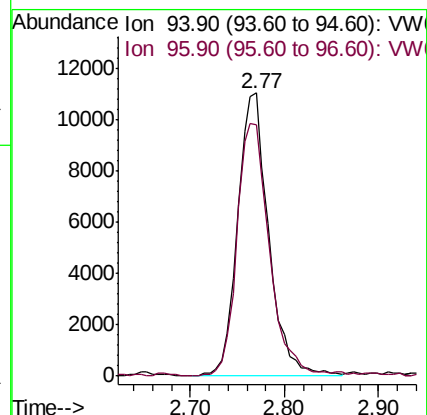
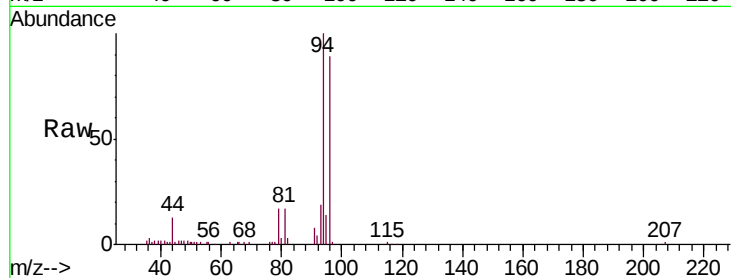
VW0826SBS02

Tgt Ion: 94 Resp: 25379

Ion Ratio Lower Upper

94 100

96 88.7 72.9 109.3



#6

Chloroethane

Concen: 17.990 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012176.D

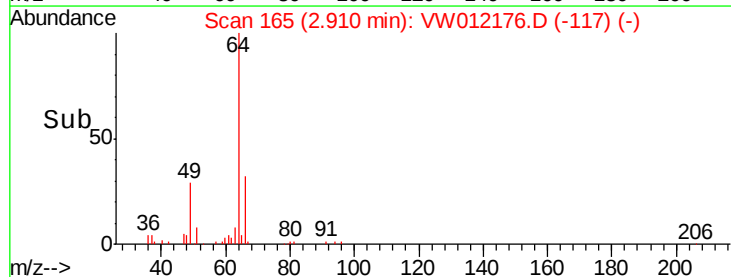
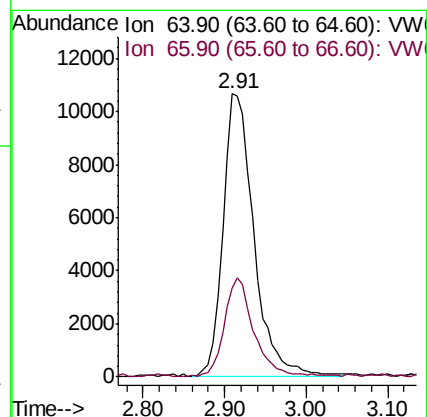
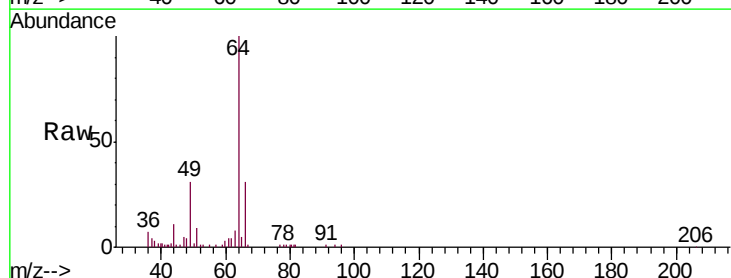
Acq: 26 Aug 2019 17:48

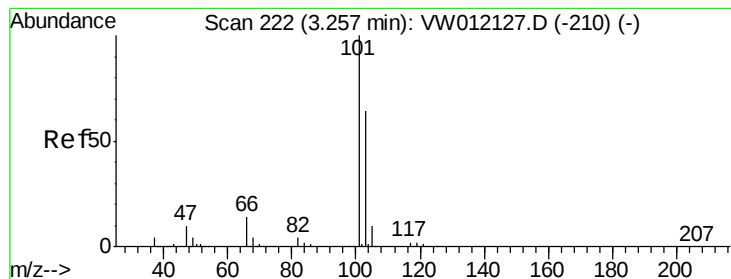
Tgt Ion: 64 Resp: 28094

Ion Ratio Lower Upper

64 100

66 31.4 23.8 35.8



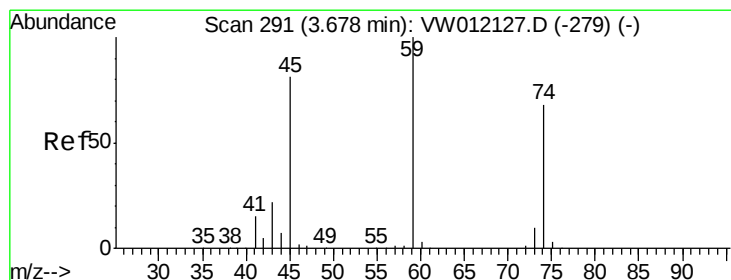
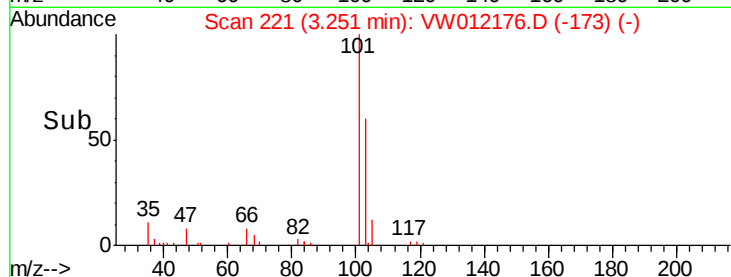
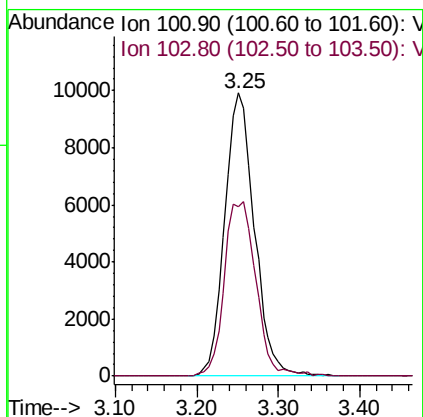
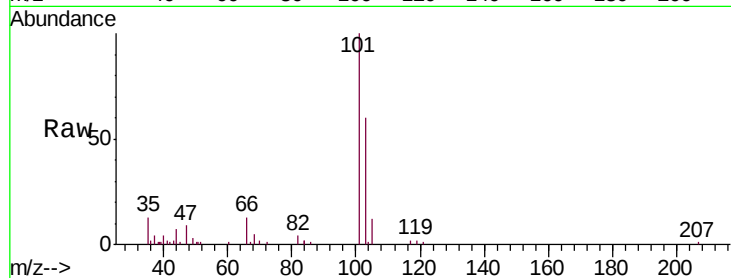


#7

Trichlorofluoromethane
 Concen: 17.928 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012176.D
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Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

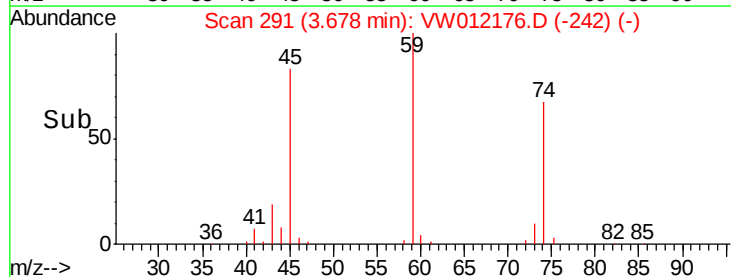
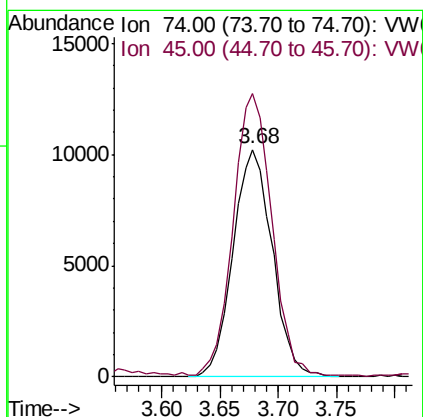
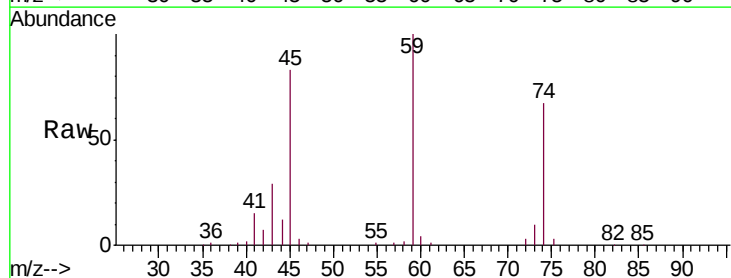
Tgt Ion:101 Resp: 24920
 Ion Ratio Lower Upper
 101 100
 103 59.9 51.2 76.8

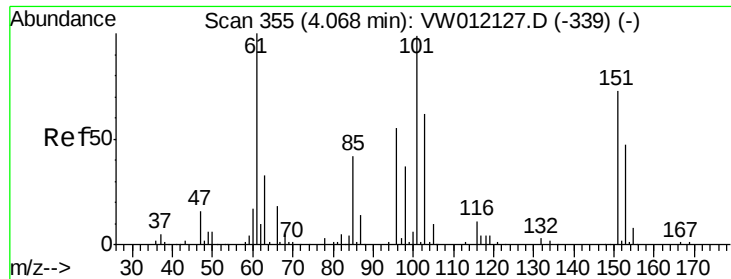


#8

Diethyl Ether
 Concen: 18.149 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

Tgt Ion: 74 Resp: 23946
 Ion Ratio Lower Upper
 74 100
 45 121.7 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.886 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS02

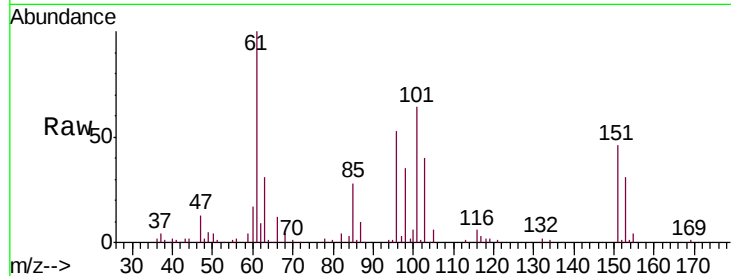
Tgt Ion:101 Resp: 44624

Ion Ratio Lower Upper

101 100

85 45.5 35.8 53.6

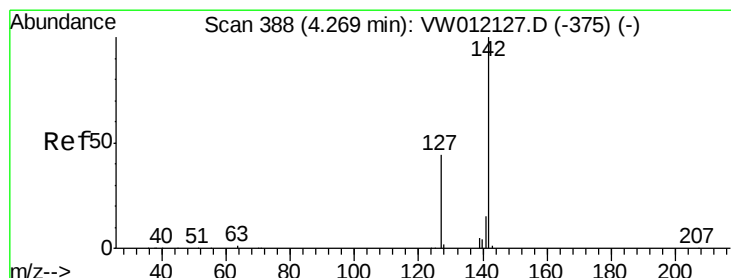
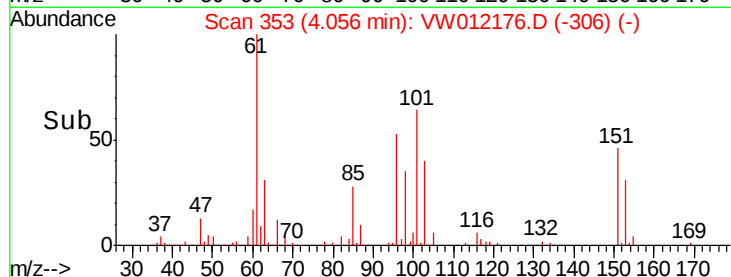
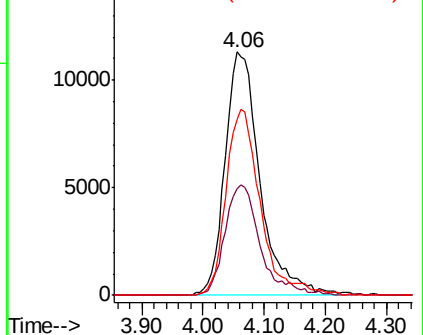
151 74.9 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.736 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

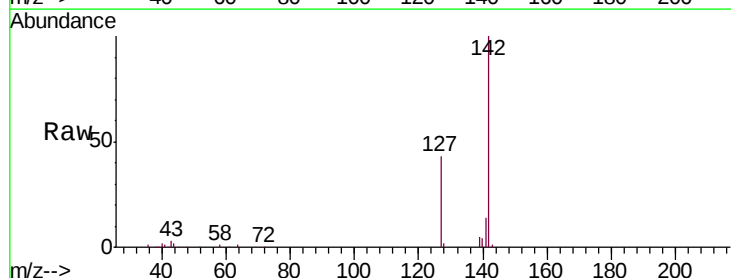
Tgt Ion:142 Resp: 56700

Ion Ratio Lower Upper

142 100

127 43.6 35.5 53.3

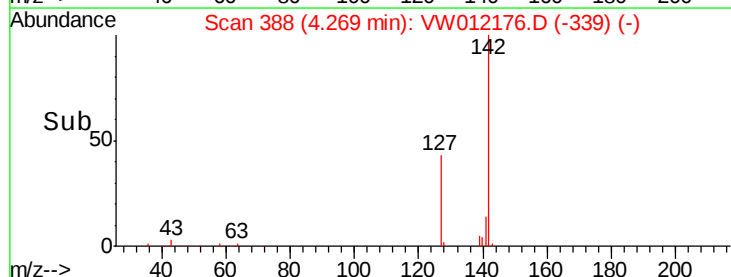
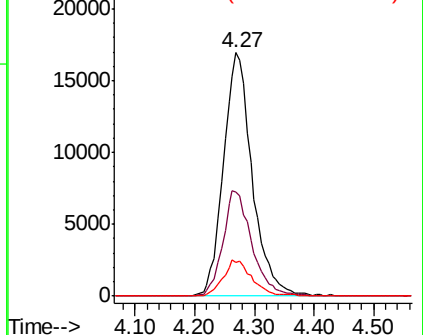
141 14.8 11.8 17.8

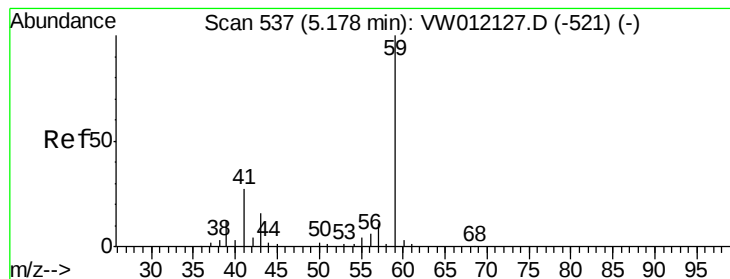


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



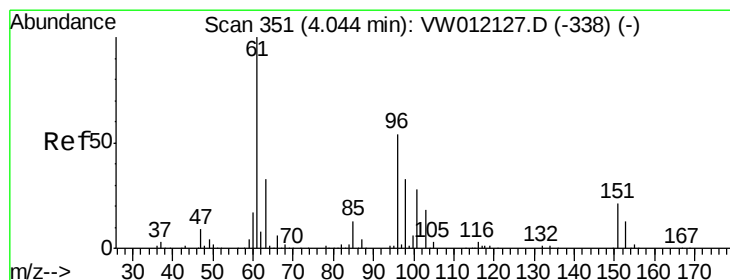
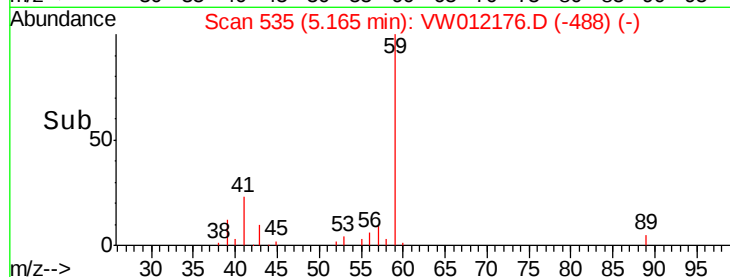
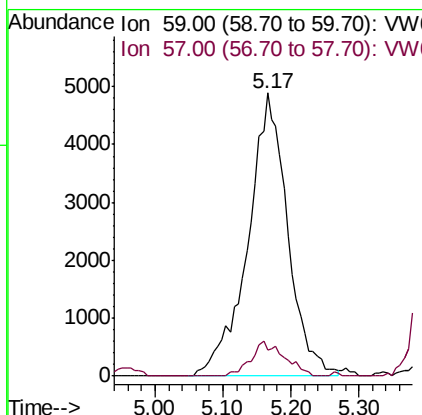
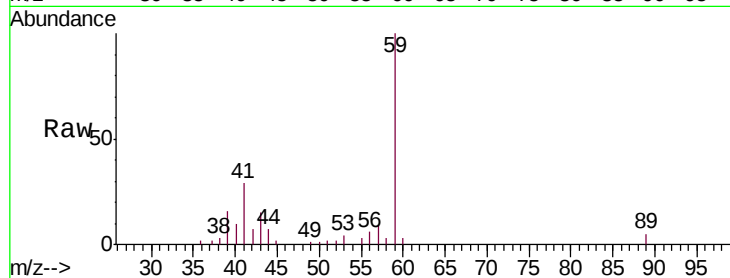


#11

Tert butyl alcohol
 Concen: 117.303 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

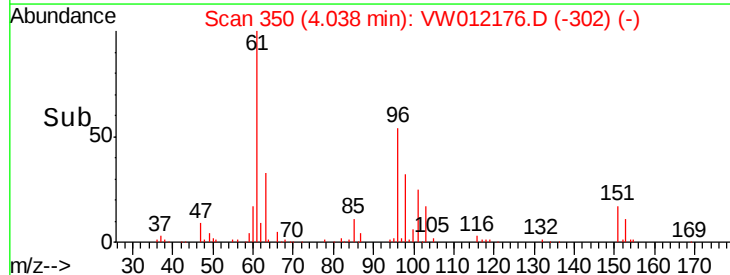
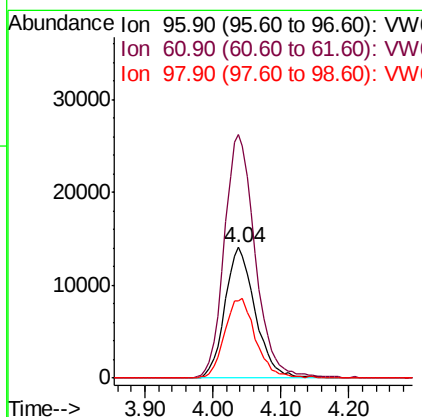
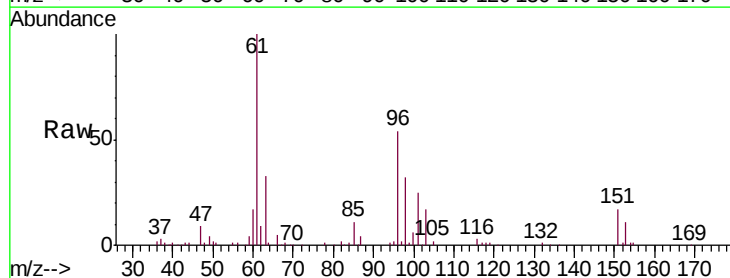
Tgt Ion: 59 Resp: 19896
 Ion Ratio Lower Upper
 59 100
 57 10.3 9.0 13.4

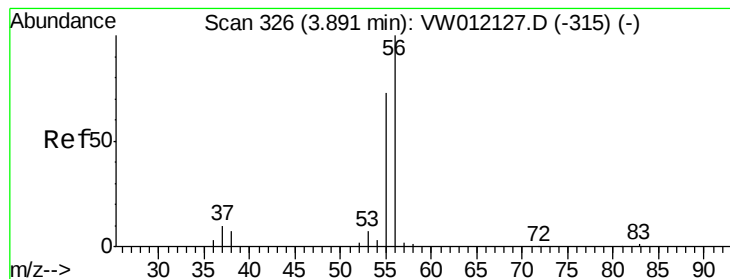


#12

1,1-Dichloroethene
 Concen: 18.339 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

Tgt Ion: 96 Resp: 43612
 Ion Ratio Lower Upper
 96 100
 61 186.1 149.1 223.7
 98 58.8 49.4 74.2





#13

Acrolein

Concen: 101.434 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

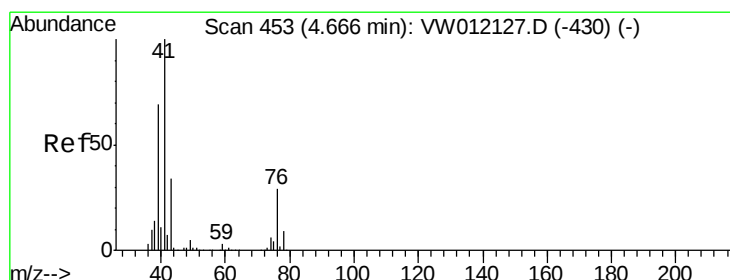
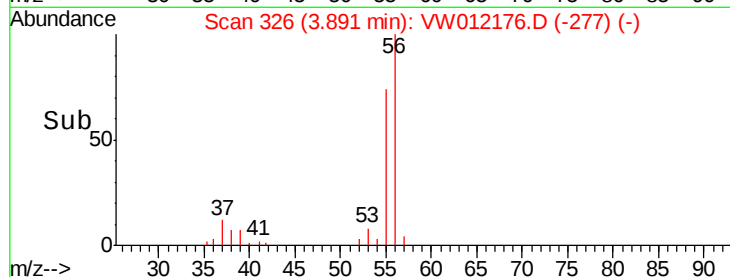
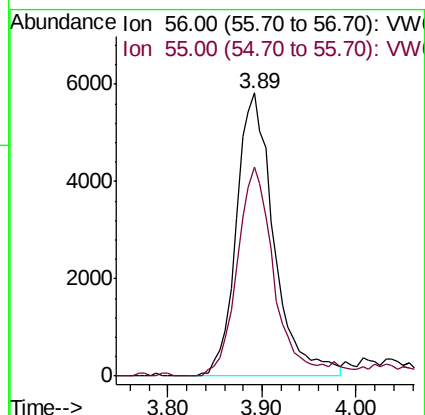
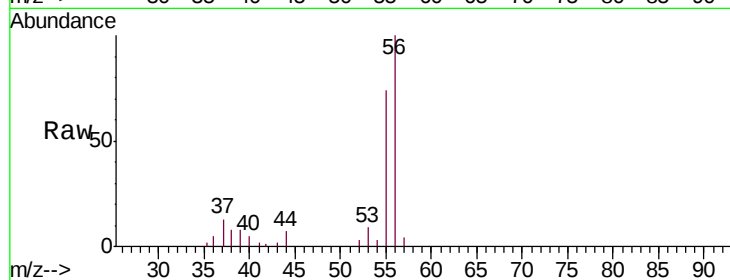
VW0826SBS02

Tgt Ion: 56 Resp: 16195

Ion Ratio Lower Upper

56 100

55 70.9 55.8 83.8



#14

Allyl chloride

Concen: 17.999 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

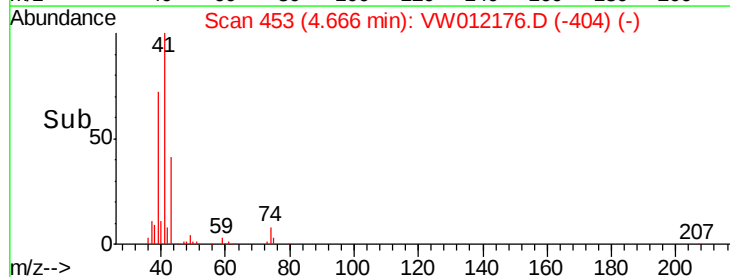
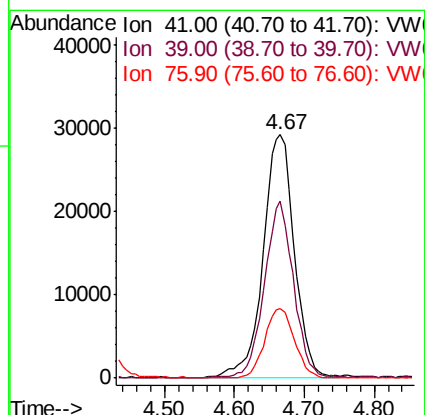
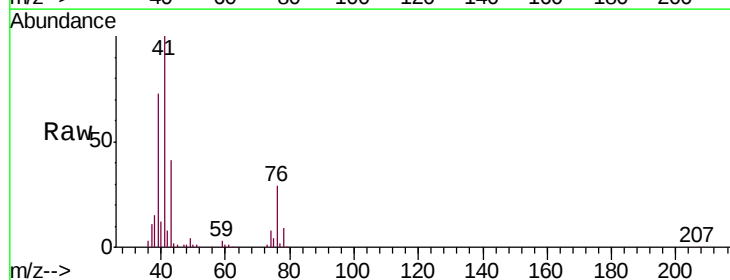
Tgt Ion: 41 Resp: 91510

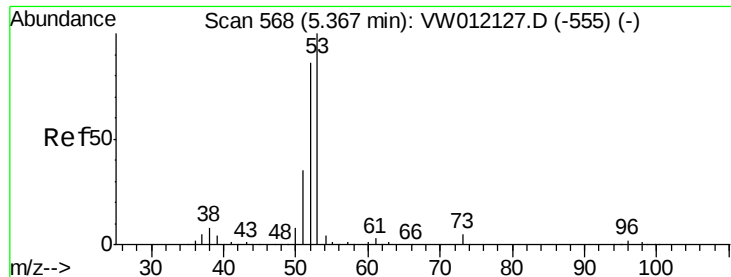
Ion Ratio Lower Upper

41 100

39 67.8 53.4 80.2

76 27.2 22.1 33.1





#15

Acrylonitrile

Concen: 99.096 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS02

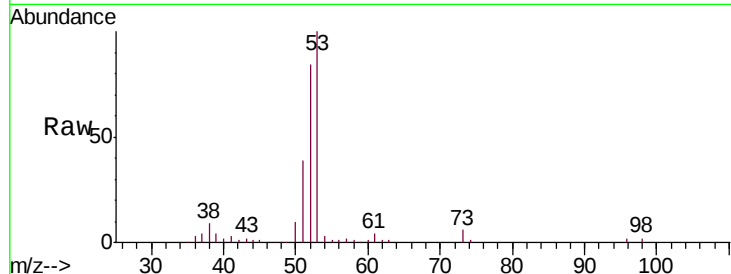
Tgt Ion: 53 Resp: 64807

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

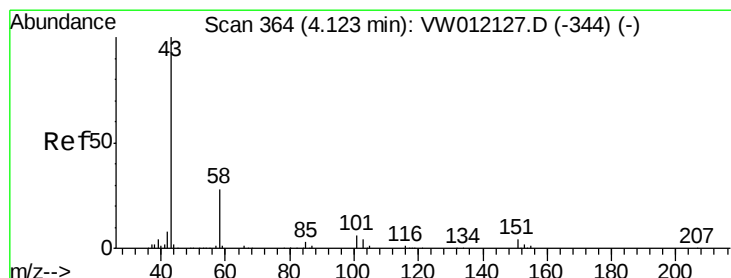
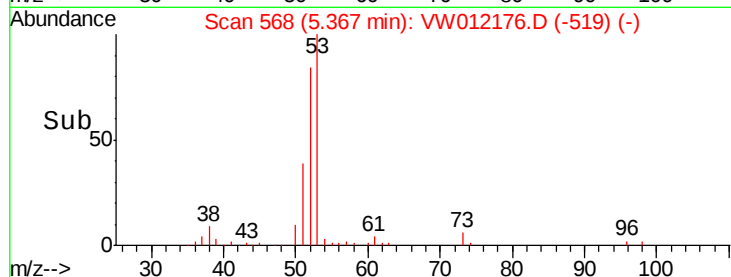
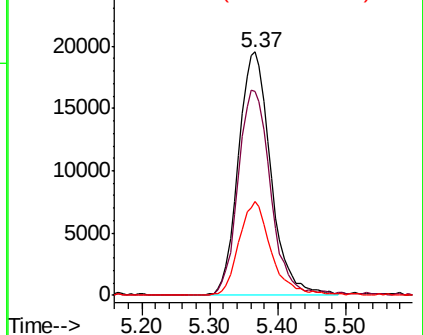
51 38.4 30.1 45.1



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 93.994 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012176.D

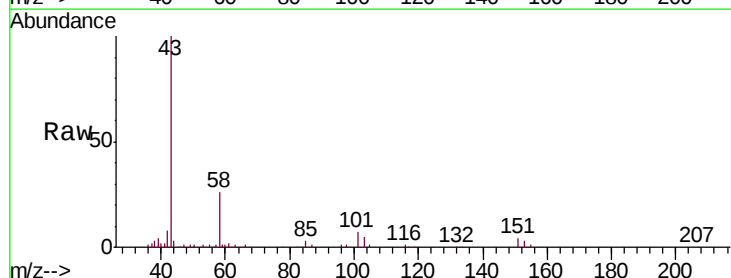
Acq: 26 Aug 2019 17:48

Tgt Ion: 43 Resp: 67718

Ion Ratio Lower Upper

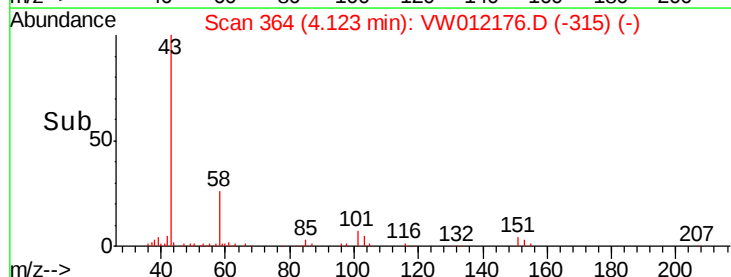
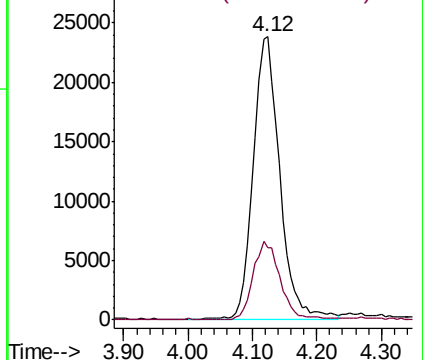
43 100

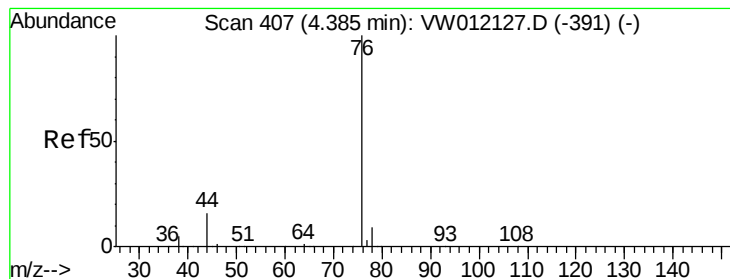
58 25.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 16.508 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

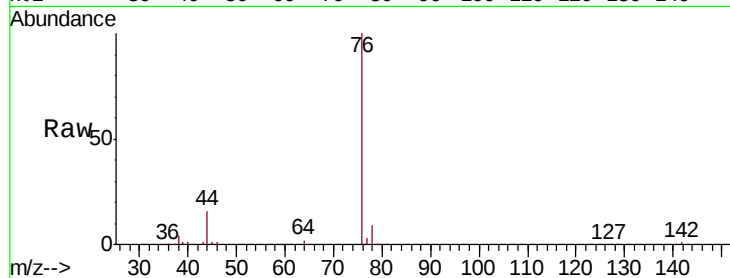
VW0826SBS02

Tgt Ion: 76 Resp: 118646

Ion Ratio Lower Upper

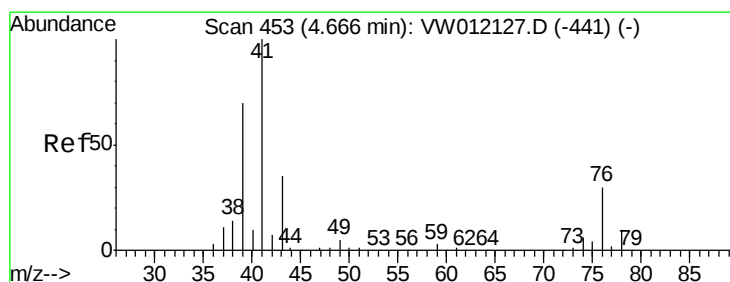
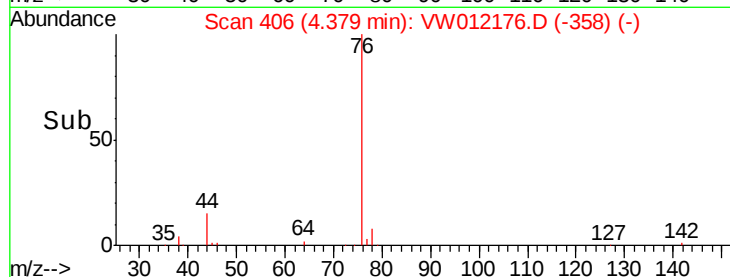
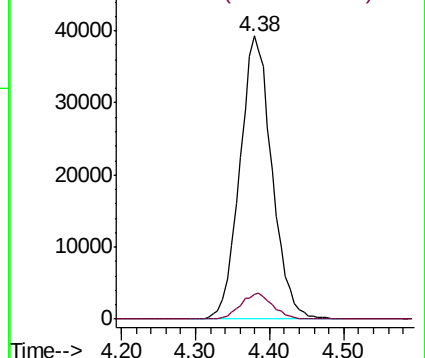
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 19.978 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012176.D

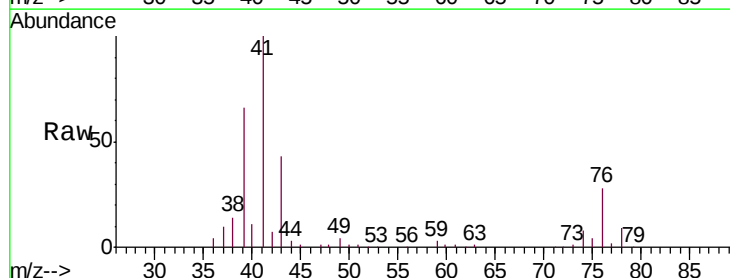
Acq: 26 Aug 2019 17:48

Tgt Ion: 43 Resp: 35649

Ion Ratio Lower Upper

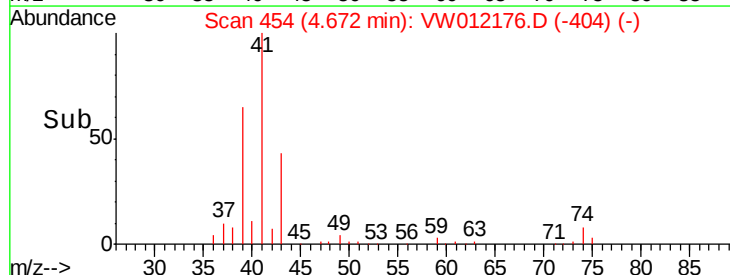
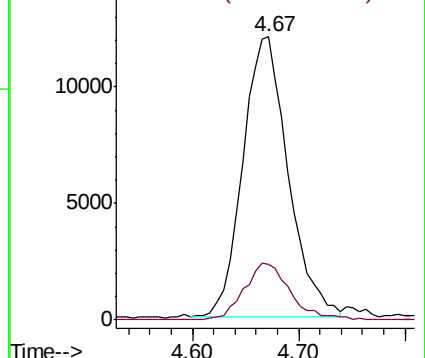
43 100

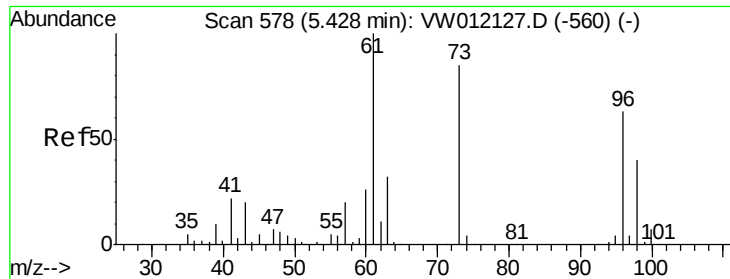
74 20.7 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

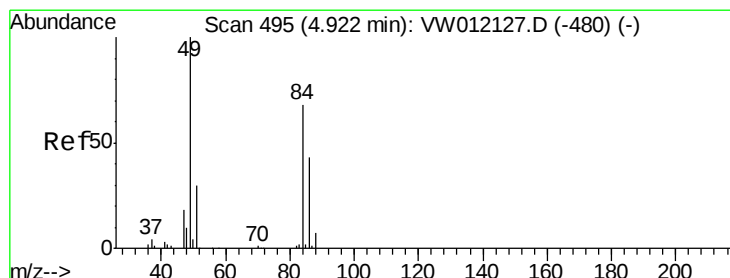
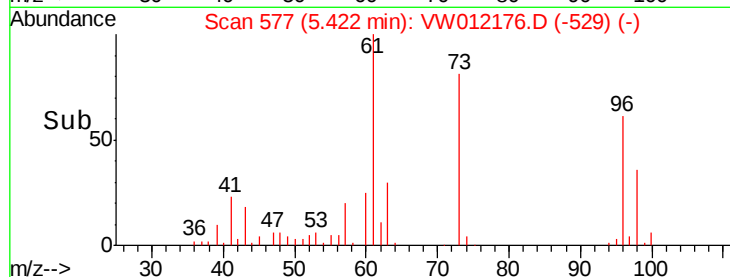
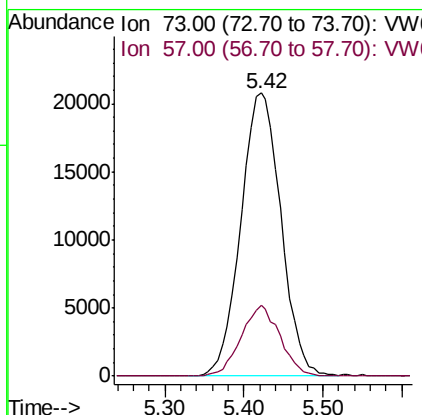
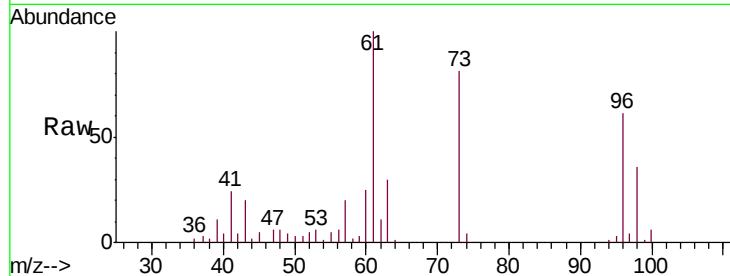




#19
Methyl tert-butyl Ether
Concen: 19.121 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

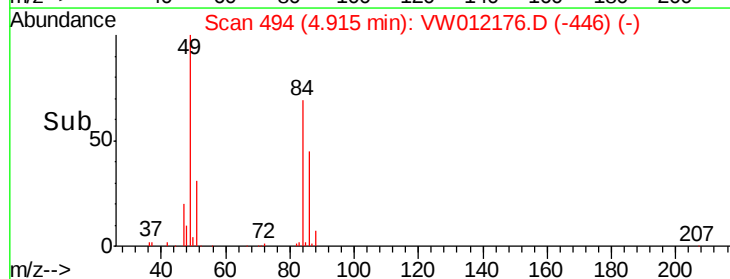
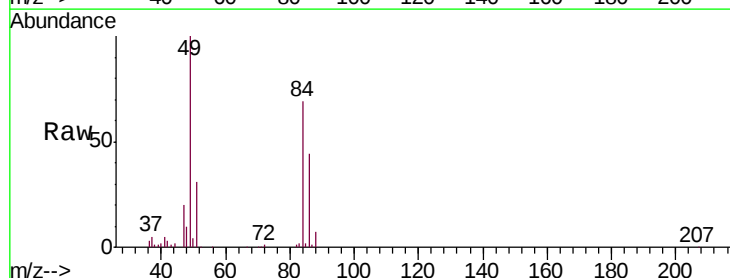
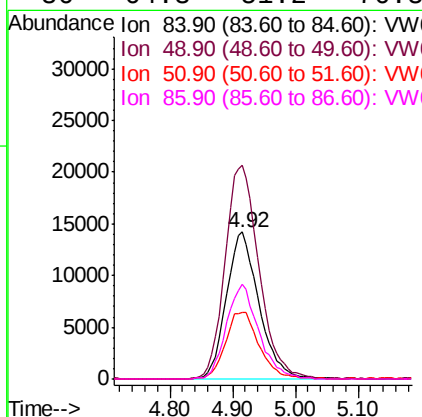
Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS02

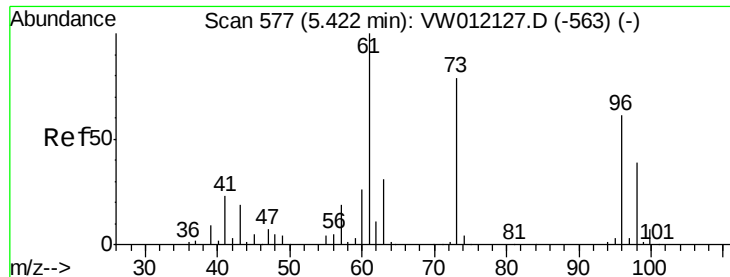
Tgt Ion: 73 Resp: 73537
Ion Ratio Lower Upper
73 100
57 25.0 18.9 28.3



#20
Methylene Chloride
Concen: 18.808 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

Tgt Ion: 84 Resp: 51225
Ion Ratio Lower Upper
84 100
49 145.3 117.8 176.8
51 45.6 35.6 53.4
86 64.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.430 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS02

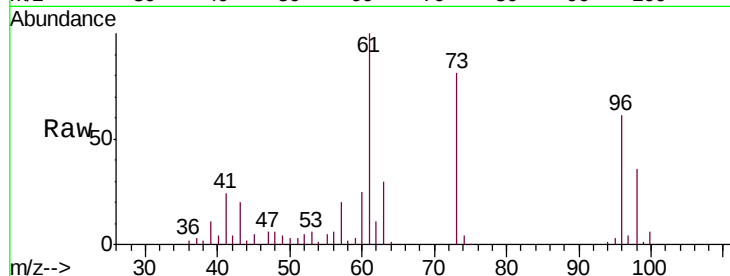
Tgt Ion: 96 Resp: 46999

Ion Ratio Lower Upper

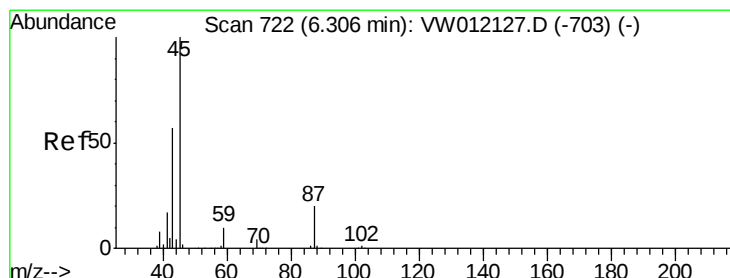
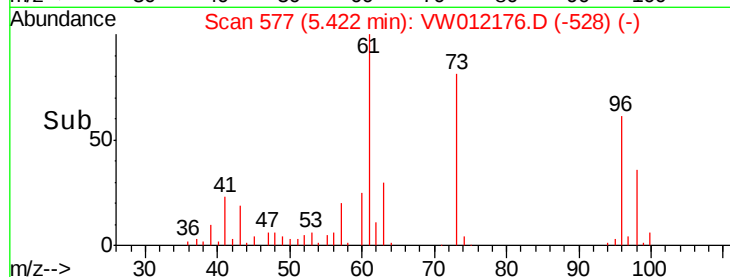
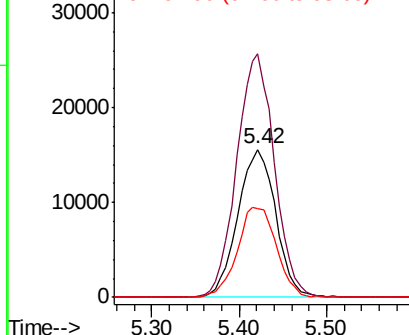
96 100

61 164.4 131.4 197.0

98 59.6 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: 18.959 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Tgt Ion: 45 Resp: 178667

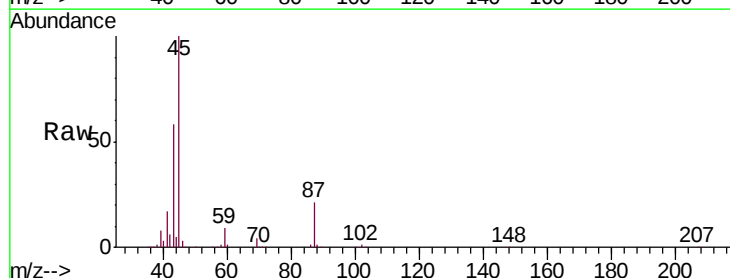
Ion Ratio Lower Upper

45 100

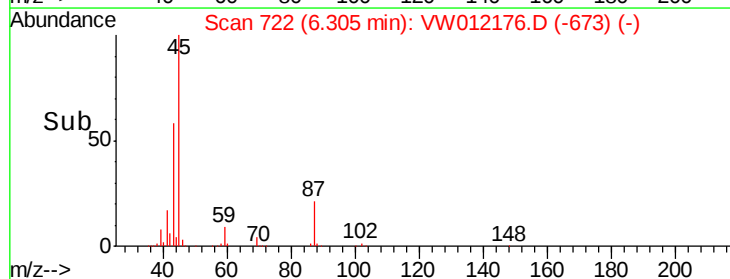
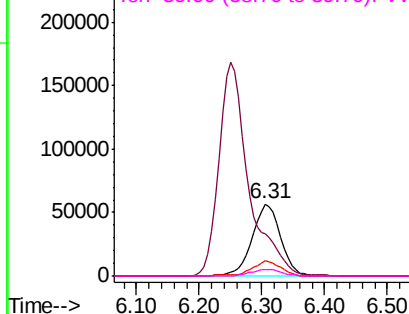
43 57.9 45.5 68.3

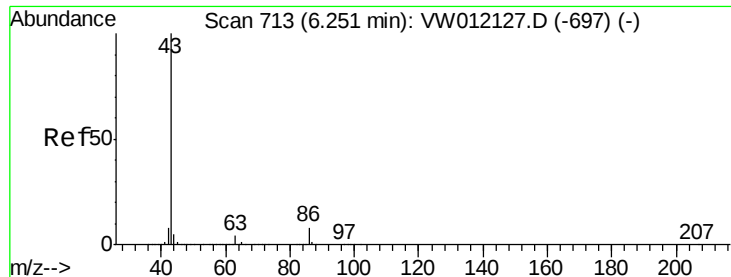
87 21.0 16.1 24.1

59 9.4 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: 95.470 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

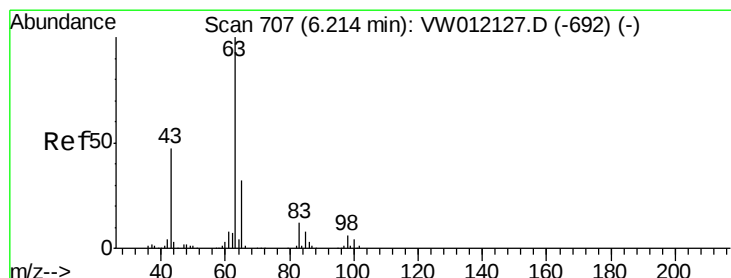
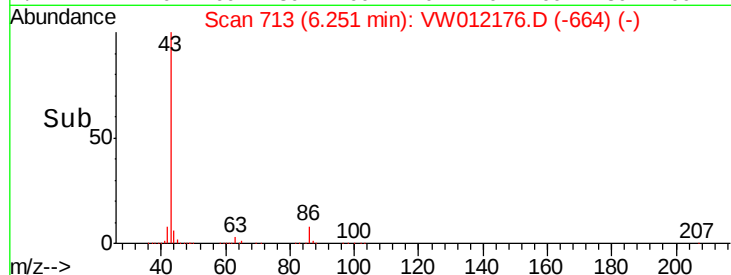
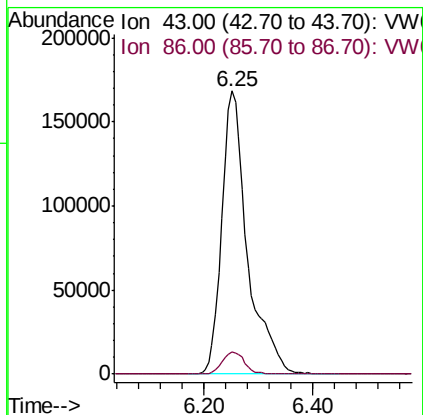
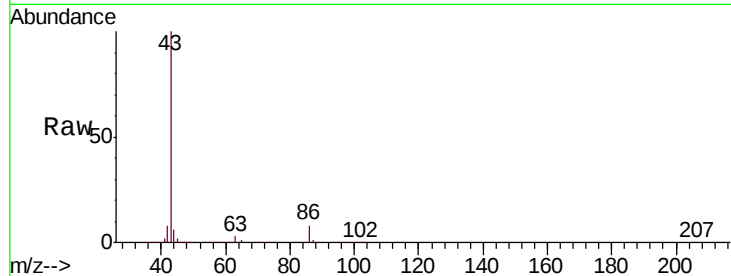
VW0826SBS02

Tgt Ion: 43 Resp: 553689

Ion Ratio Lower Upper

43 100

86 7.8 6.5 9.7



#24

1,1-Dichloroethane

Concen: 18.711 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

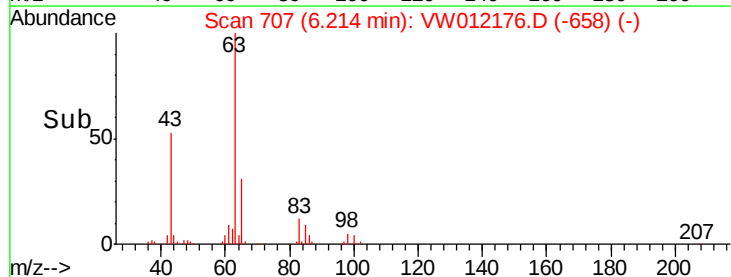
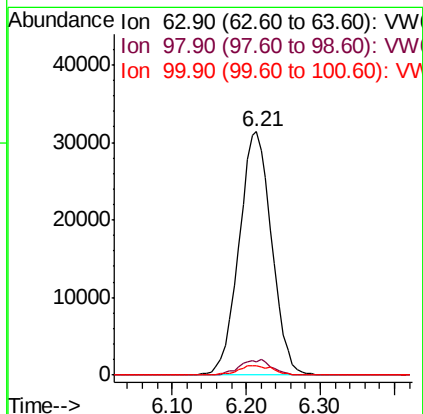
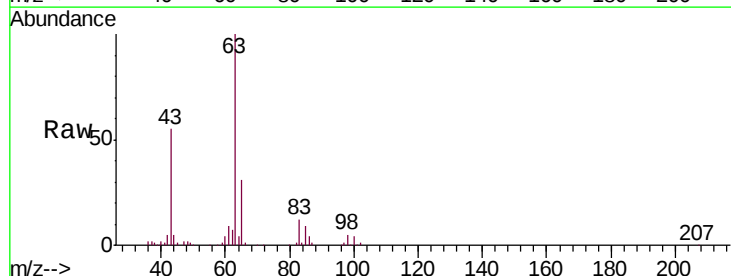
Tgt Ion: 63 Resp: 96007

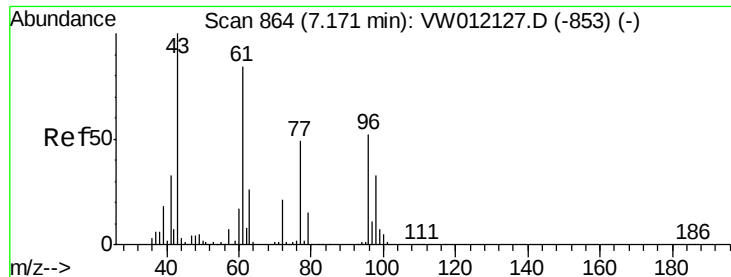
Ion Ratio Lower Upper

63 100

98 5.4 3.0 9.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 99.293 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

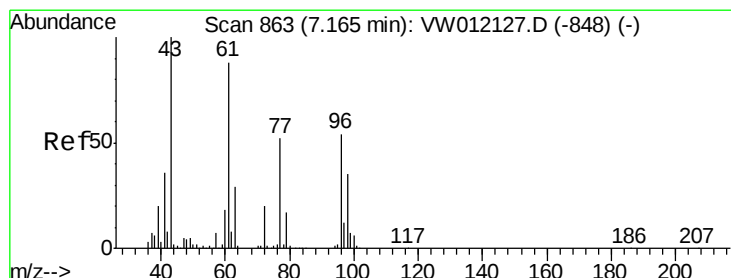
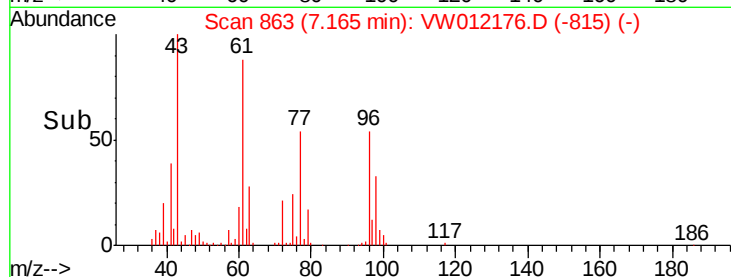
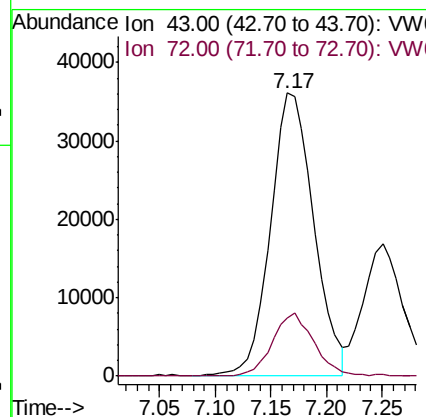
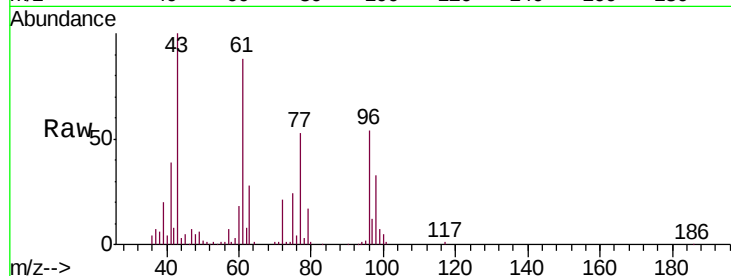
VW0826SBS02

Tgt Ion: 43 Resp: 97209

Ion Ratio Lower Upper

43 100

72 20.6 16.6 24.8



#26

2,2-Dichloropropane

Concen: 19.745 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012176.D

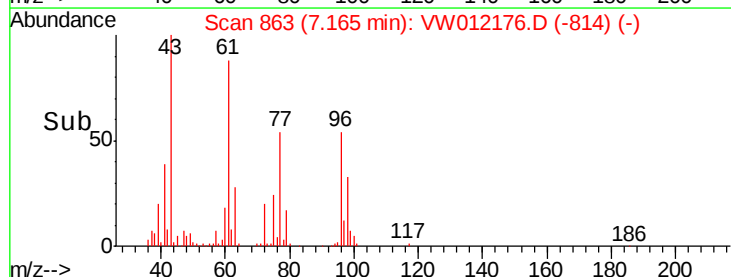
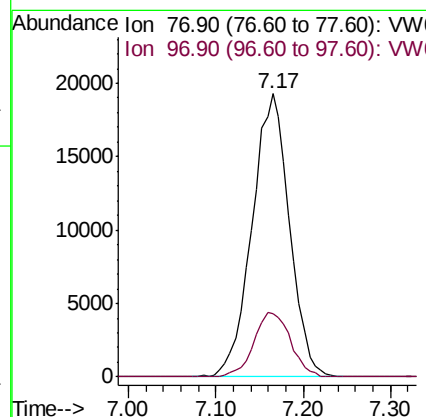
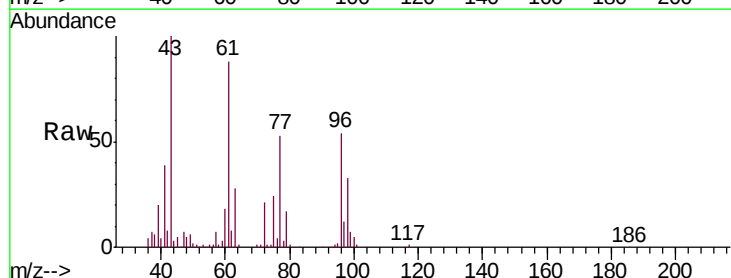
Acq: 26 Aug 2019 17:48

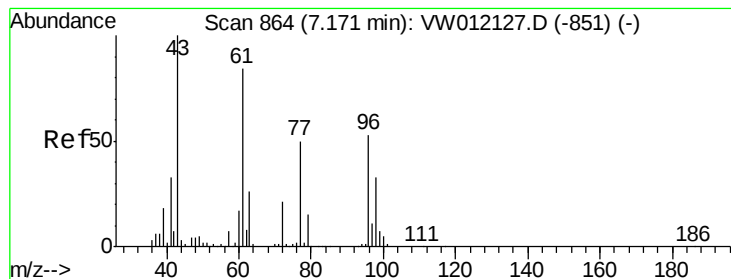
Tgt Ion: 77 Resp: 57346

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.1



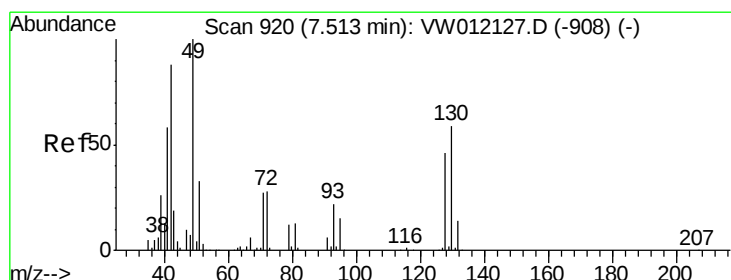
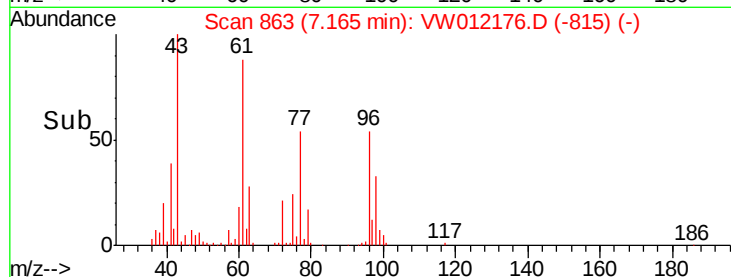
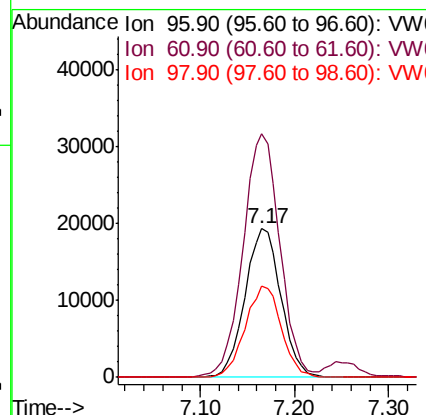
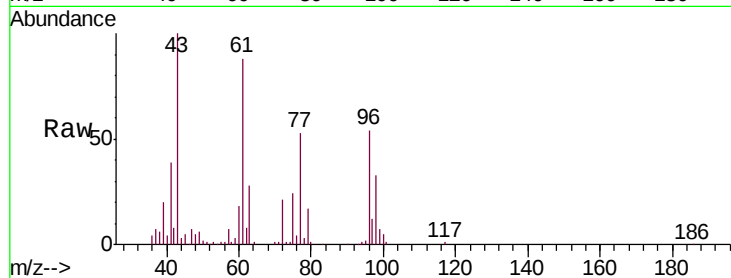


#27

cis-1,2-Dichloroethene
Concen: 18.927 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS02

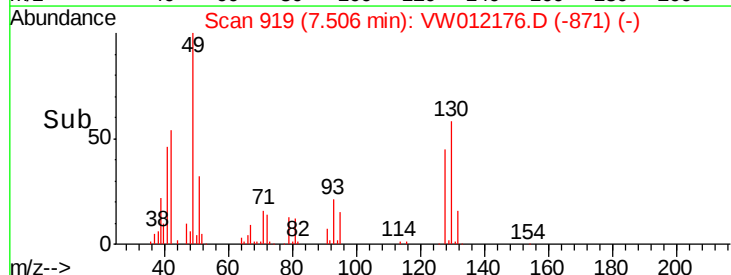
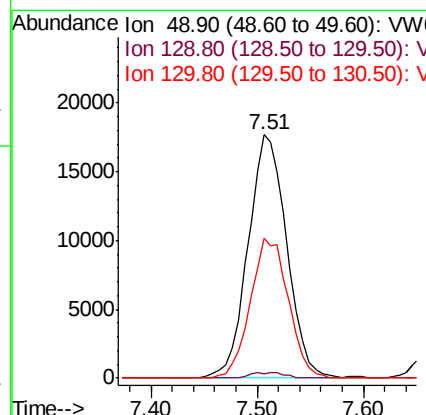
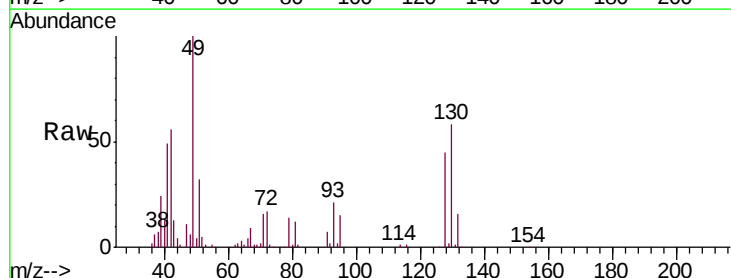
Tgt Ion: 96 Resp: 51570
Ion Ratio Lower Upper
96 100
61 167.7 0.0 326.6
98 61.8 0.0 127.4

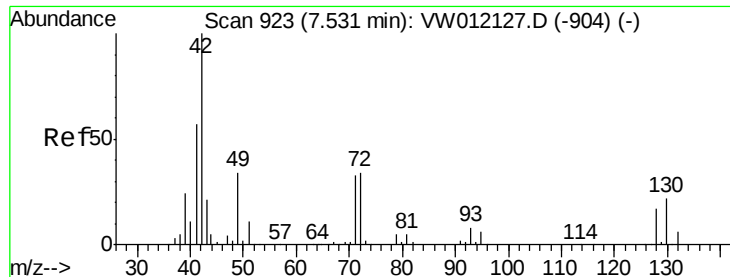


#28

Bromochloromethane
Concen: 20.104 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

Tgt Ion: 49 Resp: 44961
Ion Ratio Lower Upper
49 100
129 1.8 0.0 1.4#
130 56.5 45.5 68.3

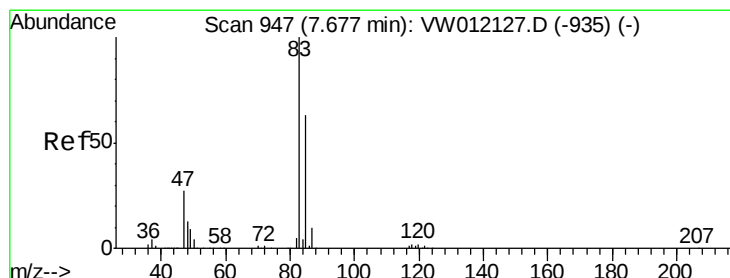
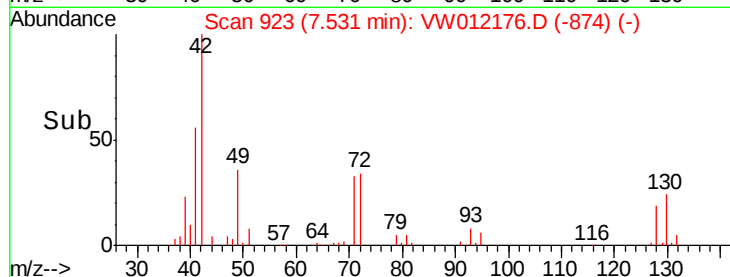
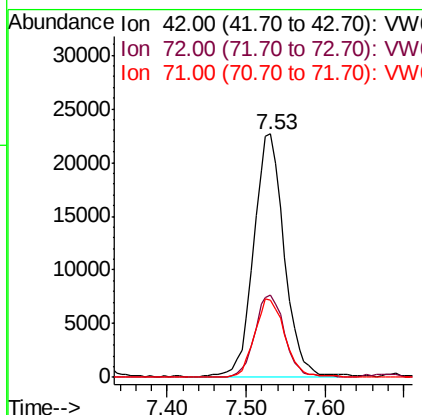
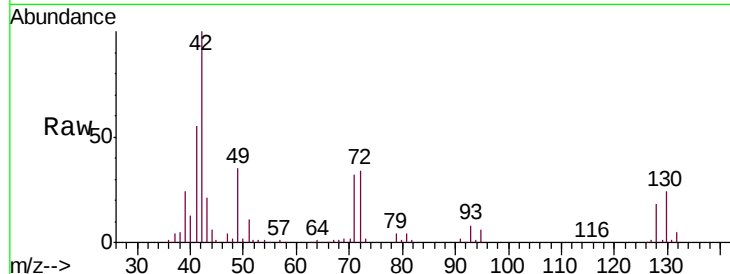




#29
Tetrahydrofuran
Concen: 104.257 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

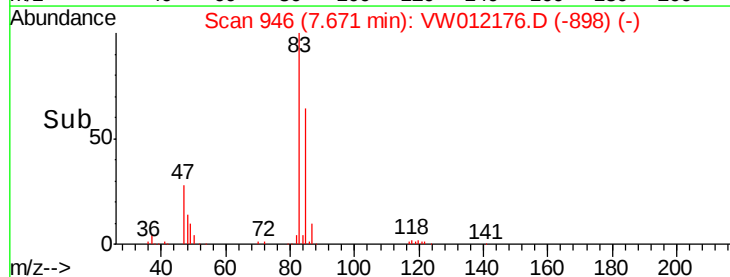
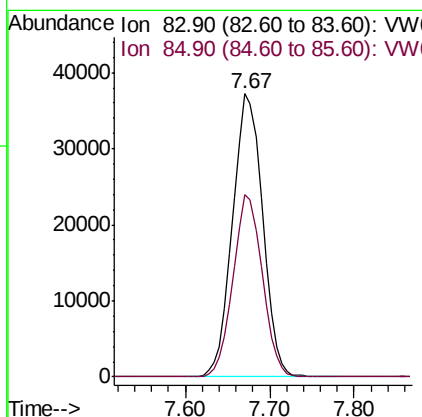
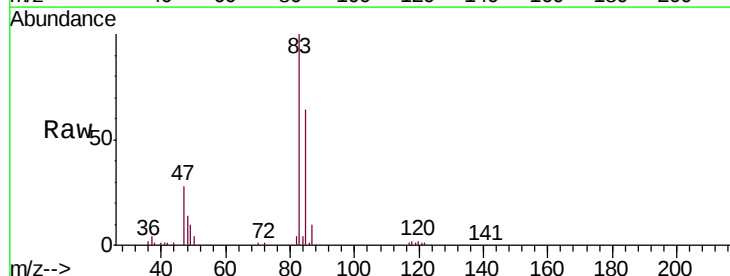
Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS02

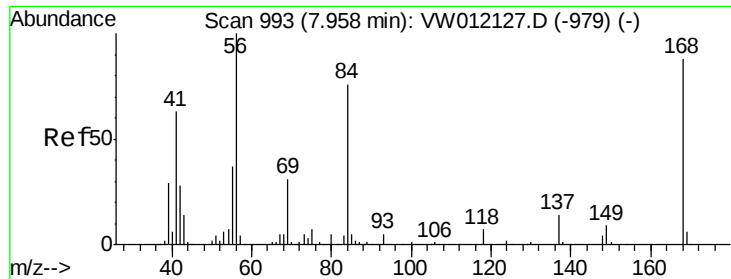
Tgt Ion:	42	Resp:	61237
Ion	Ratio	Lower	Upper
42	100		
72	33.1	27.3	40.9
71	31.6	25.5	38.3



#30
Chloroform
Concen: 19.175 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

Tgt Ion:	83	Resp:	90015
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.6	76.0

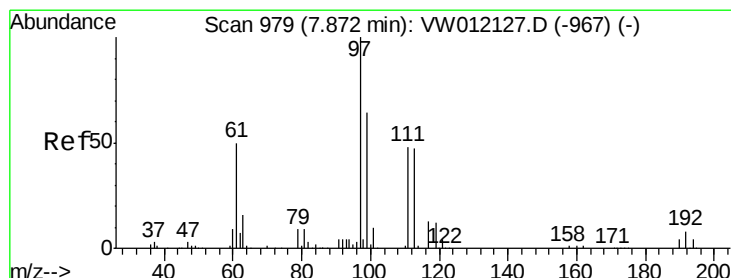
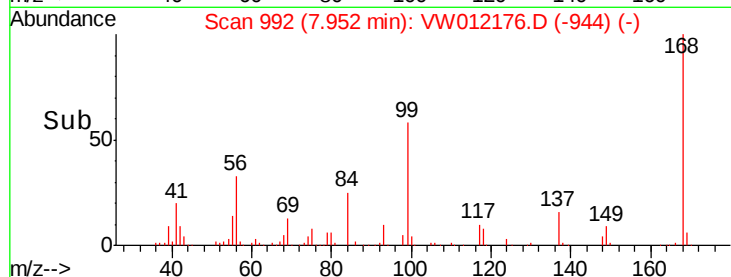
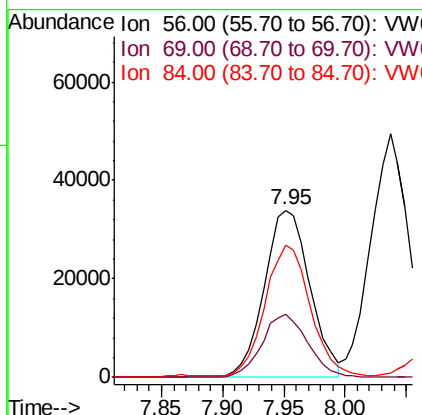
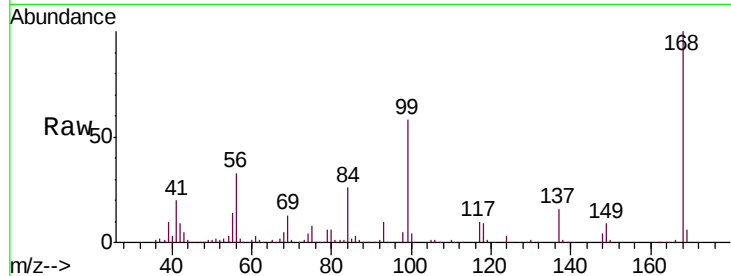




#31
Cyclohexane
Concen: 17.424 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

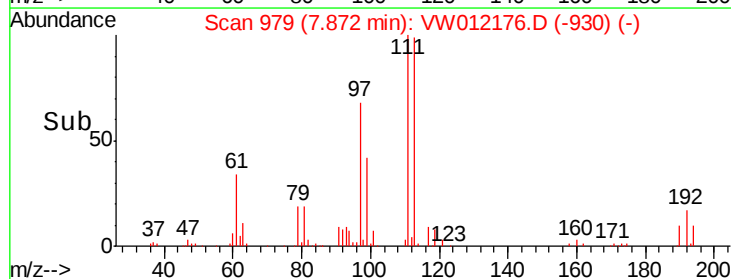
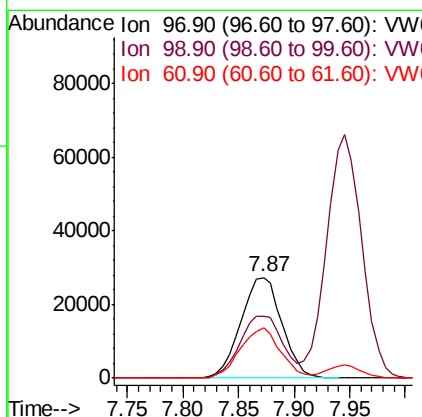
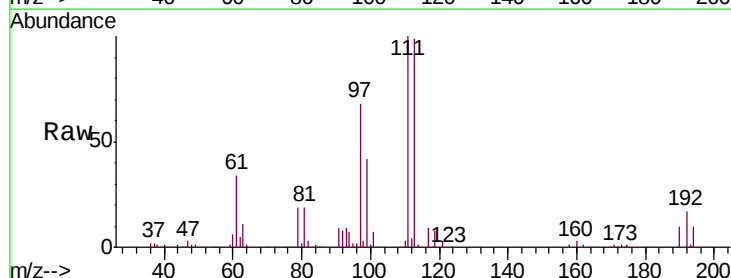
Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS02

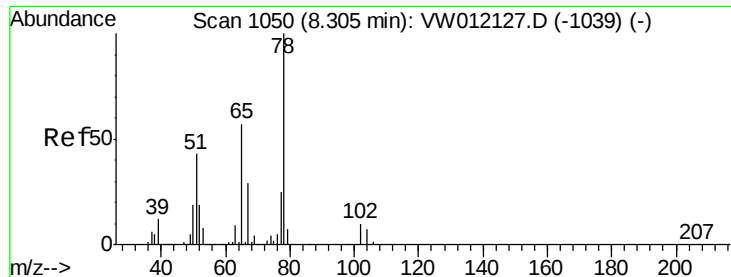
Tgt Ion: 56 Resp: 88454
Ion Ratio Lower Upper
56 100
69 38.2 24.9 37.3#
84 78.2 60.6 90.8



#32
1,1,1-Trichloroethane
Concen: 18.914 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

Tgt Ion: 97 Resp: 70242
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 49.1 39.5 59.3

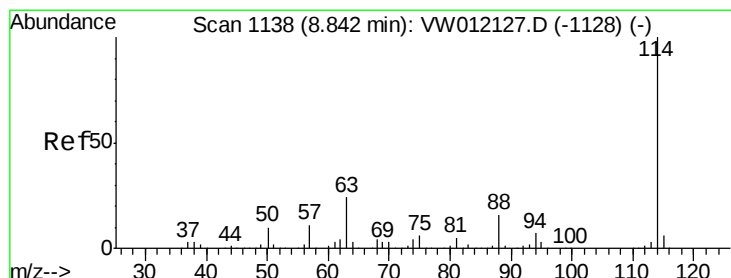
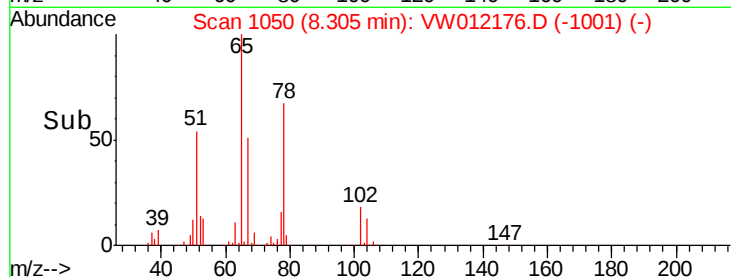
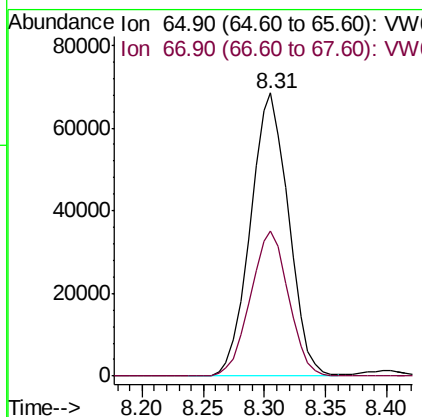
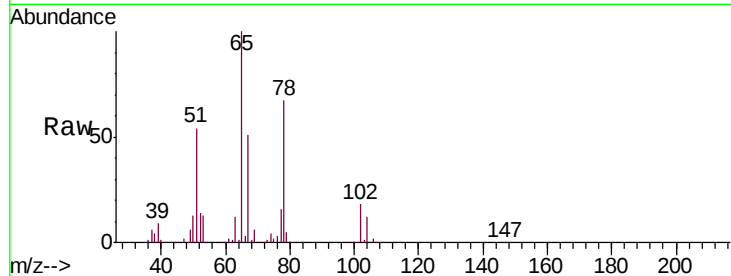




#33
 1,2-Dichloroethane-d4
 Concen: 52.682 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

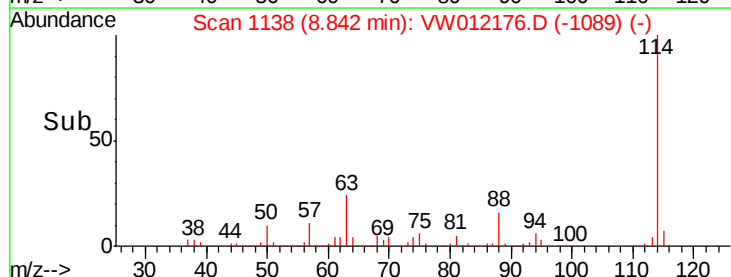
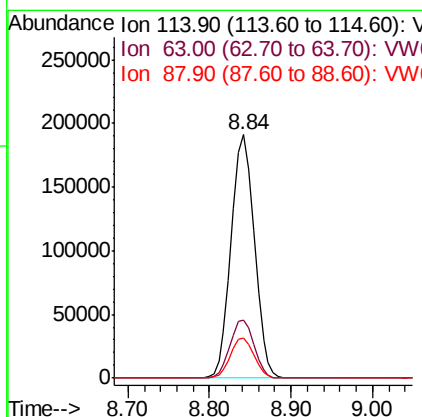
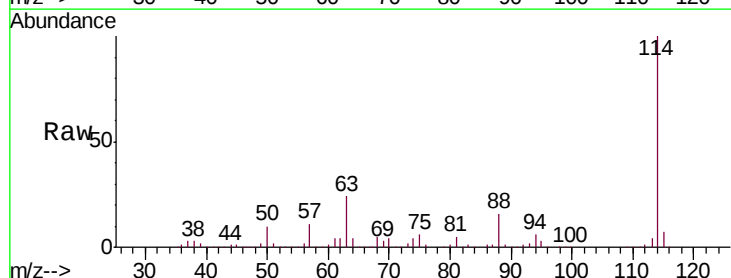
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

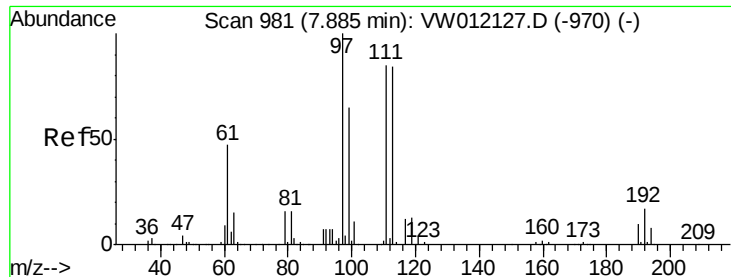
Tgt Ion: 65 Resp: 148481
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

Tgt Ion: 114 Resp: 375851
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 48.6
 88 16.2 0.0 32.2

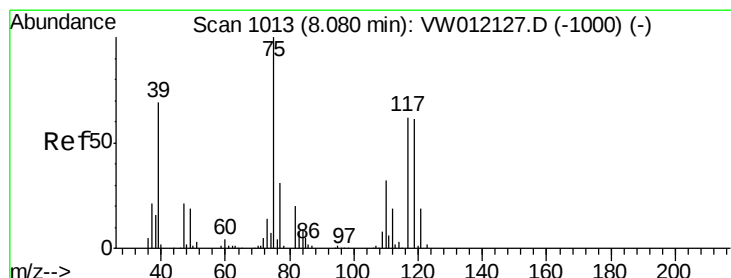
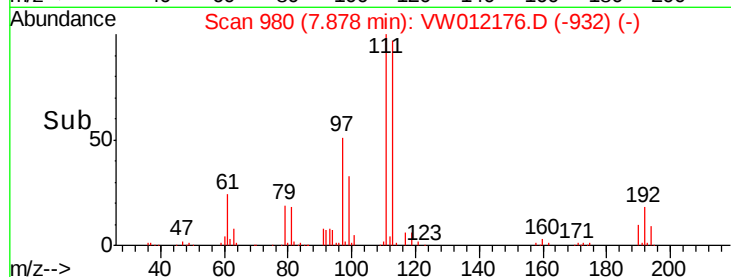
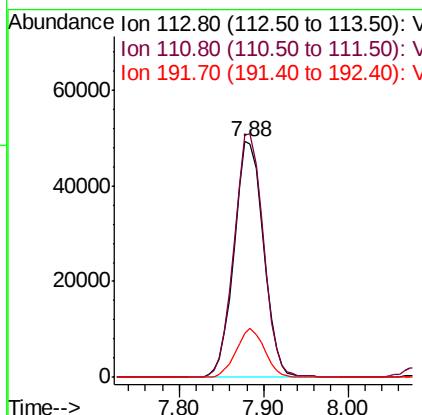
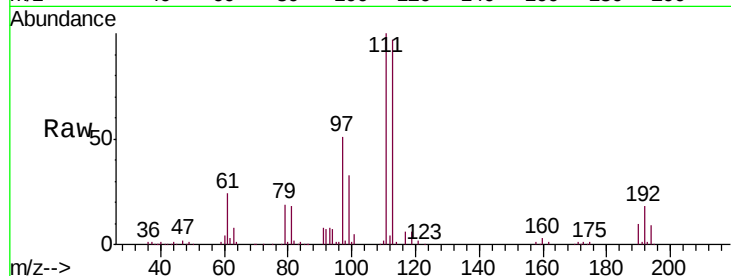




#35
 Dibromofluoromethane
 Concen: 51.834 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

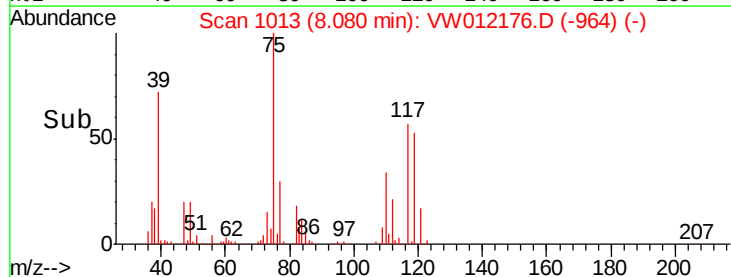
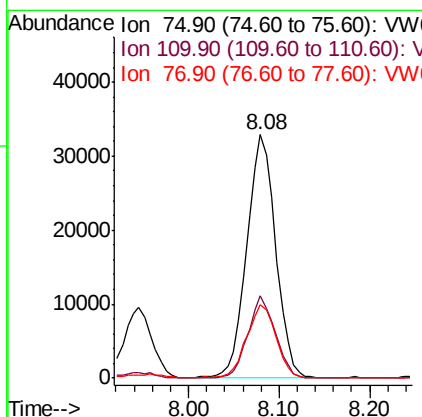
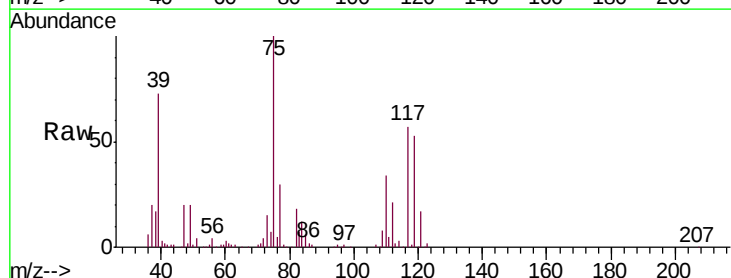
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

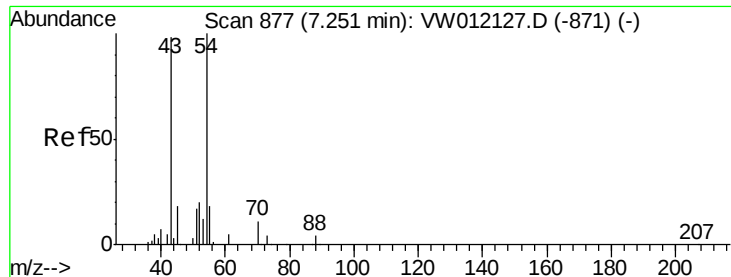
Tgt Ion:113 Resp: 116287
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.7 124.1
 192 19.9 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 18.621 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

Tgt Ion: 75 Resp: 72325
 Ion Ratio Lower Upper
 75 100
 110 32.1 15.6 46.8
 77 31.2 24.6 36.8

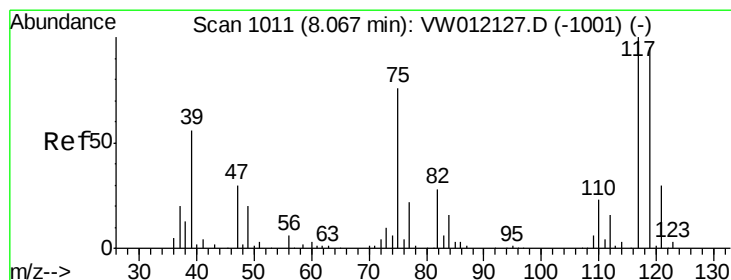
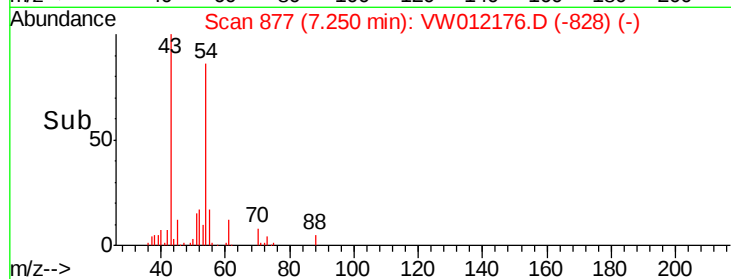
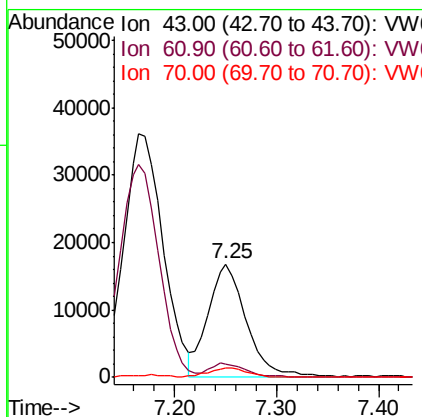
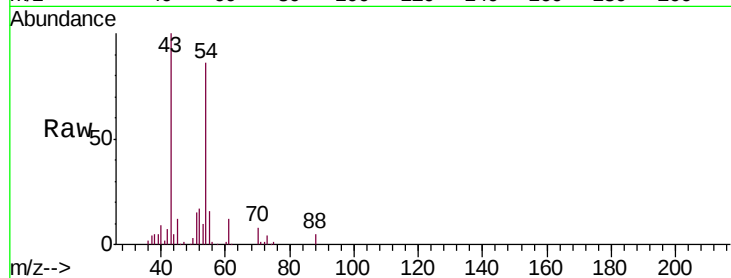




#37
Ethyl Acetate
Concen: 20.331 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

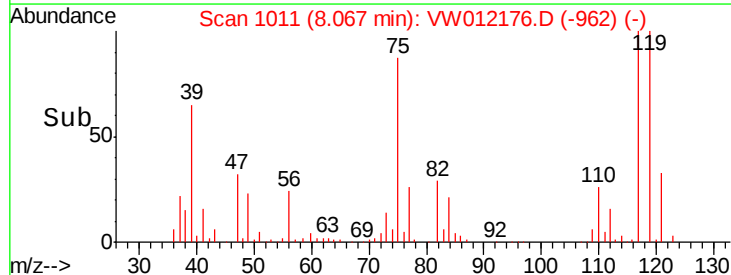
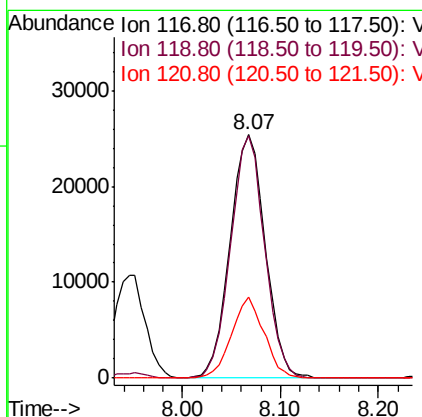
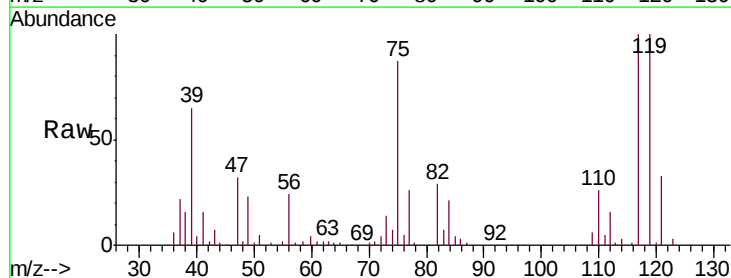
Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS02

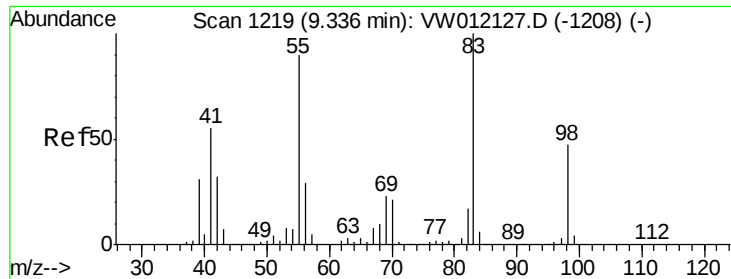
Tgt Ion: 43 Resp: 43272
Ion Ratio Lower Upper
43 100
61 12.2 9.2 13.8
70 8.8 6.9 10.3



#38
Carbon Tetrachloride
Concen: 18.870 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

Tgt Ion: 117 Resp: 63434
Ion Ratio Lower Upper
117 100
119 99.7 76.2 114.2
121 33.2 23.8 35.8

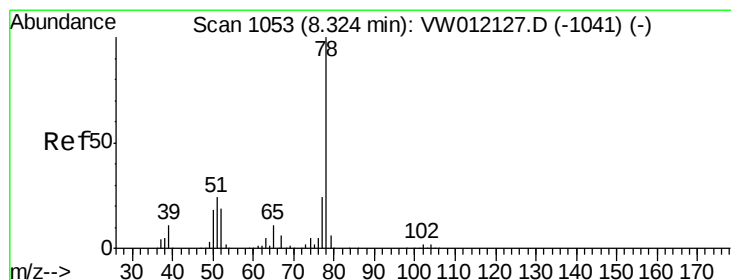
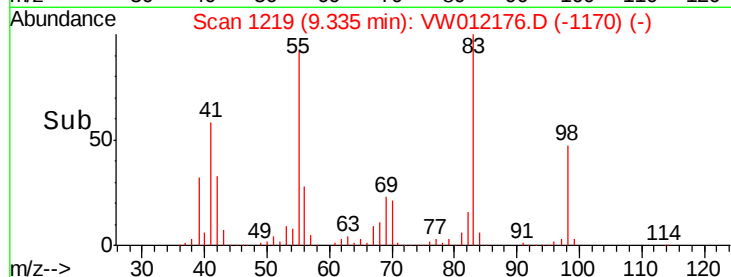
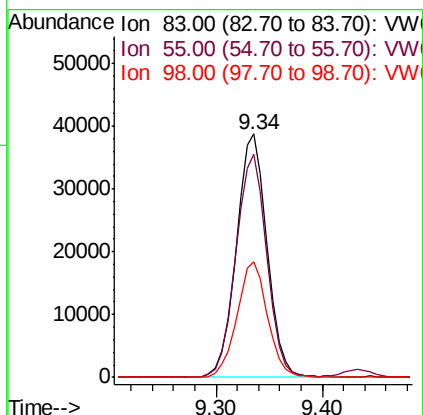
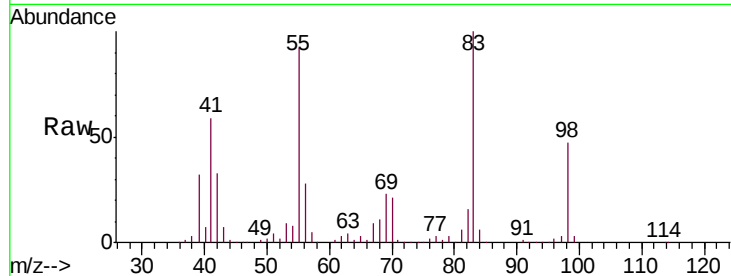




#39
Methylcyclohexane
Concen: 18.006 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

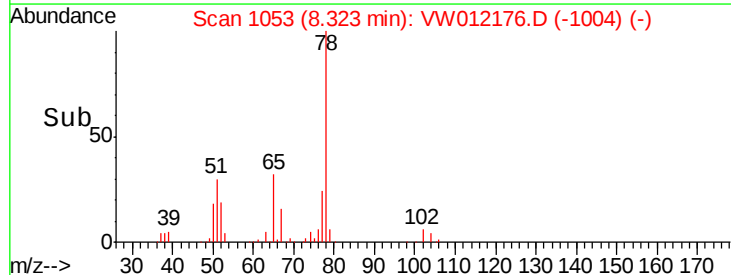
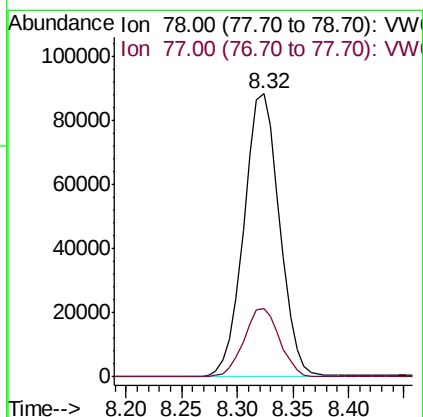
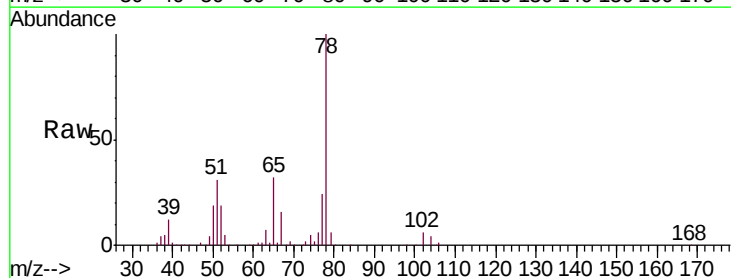
Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS02

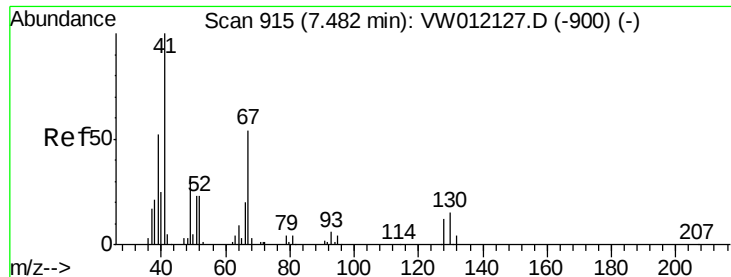
Tgt Ion: 83 Resp: 78568
Ion Ratio Lower Upper
83 100
55 91.8 71.8 107.8
98 47.5 37.8 56.8



#40
Benzene
Concen: 18.651 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

Tgt Ion: 78 Resp: 197806
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3





#41

Methacrylonitrile

Concen: 19.866 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS02

Tgt Ion: 41 Resp: 24851

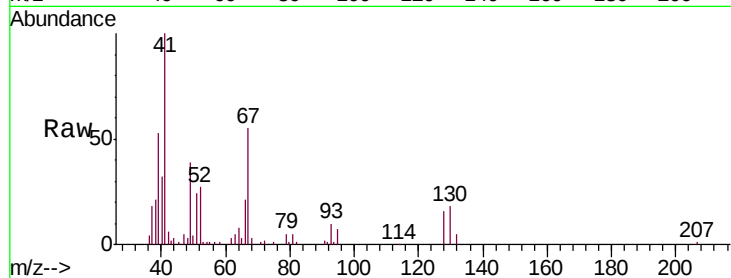
Ion Ratio Lower Upper

41 100

39 55.1 45.8 68.8

67 59.5 46.2 69.4

52 27.6 21.0 31.6

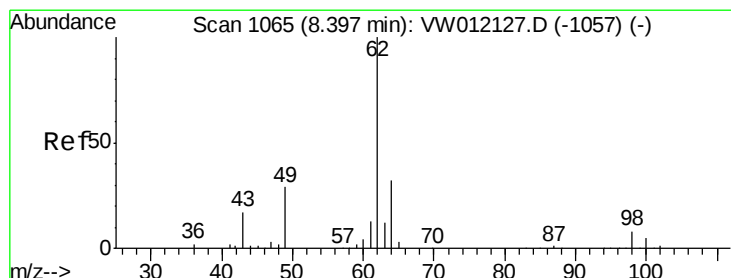
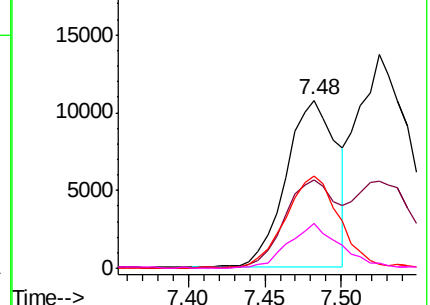
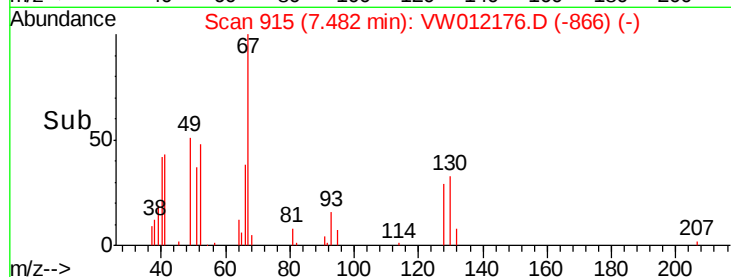


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 19.455 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012176.D

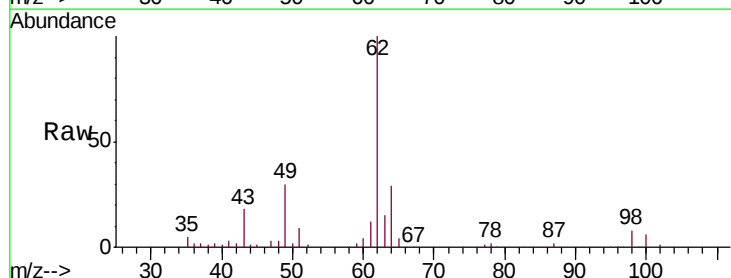
Acq: 26 Aug 2019 17:48

Tgt Ion: 62 Resp: 64664

Ion Ratio Lower Upper

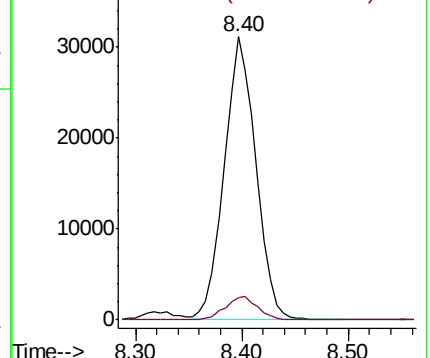
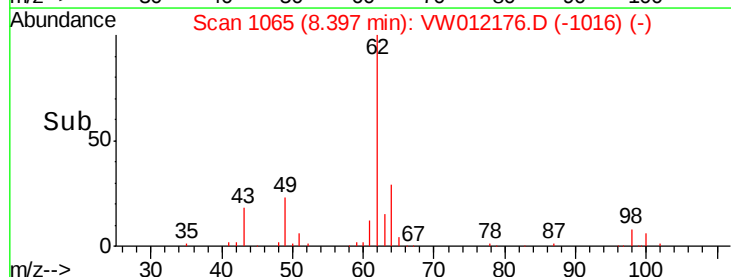
62 100

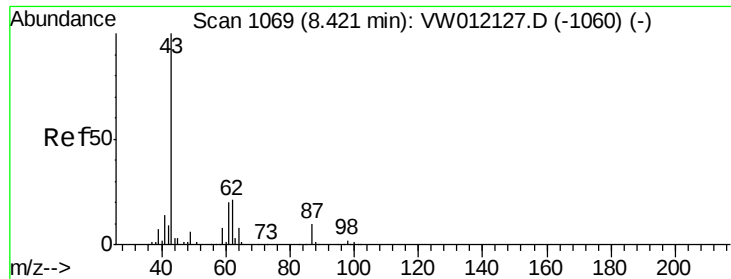
98 8.5 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

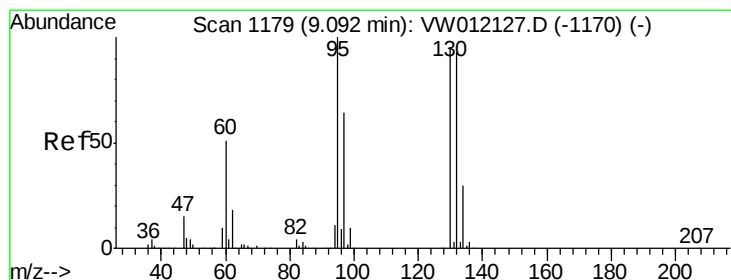
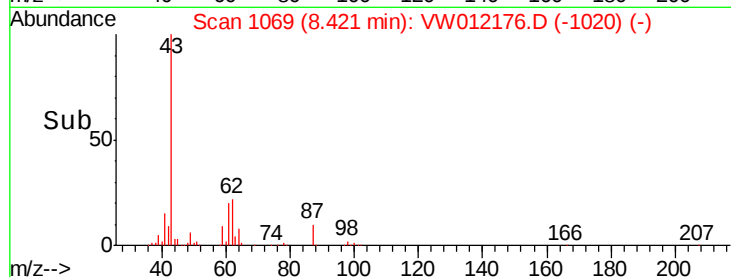
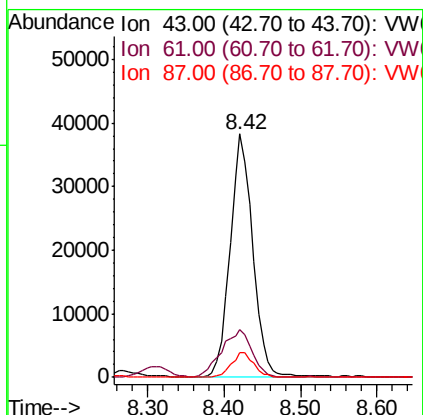
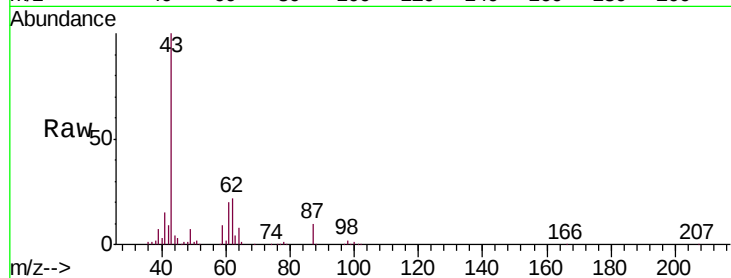




#43
Isopropyl Acetate
Concen: 20.034 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

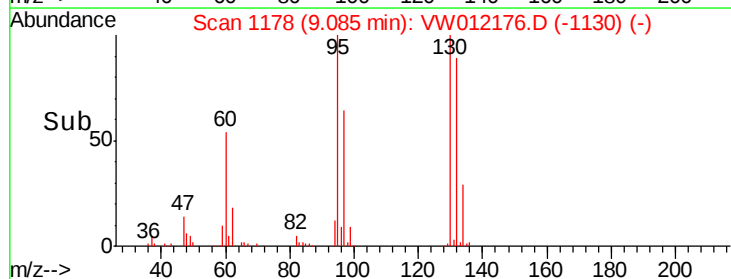
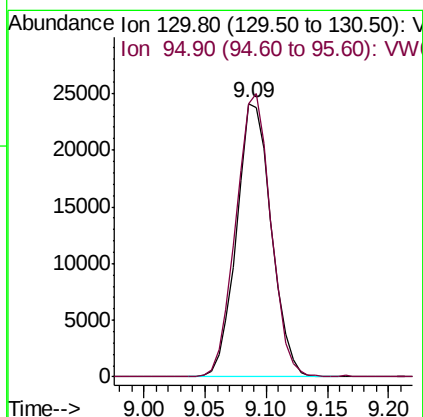
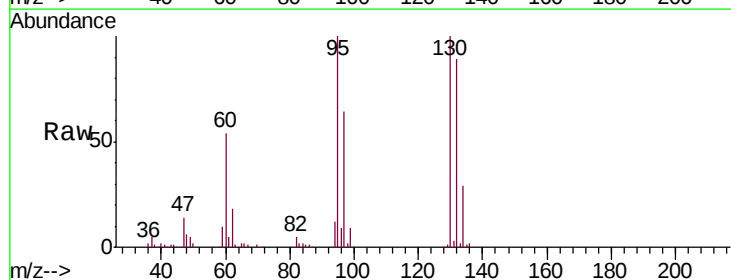
Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS02

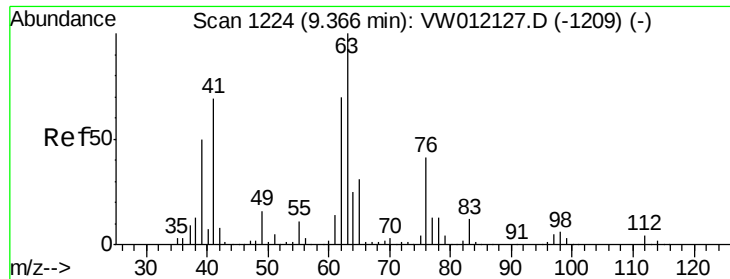
Tgt Ion: 43 Resp: 78983
Ion Ratio Lower Upper
43 100
61 26.0 21.1 31.7
87 10.2 8.2 12.2



#44
Trichloroethene
Concen: 18.426 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

Tgt Ion: 130 Resp: 47505
Ion Ratio Lower Upper
130 100
95 100.1 0.0 210.6





#45

1,2-Dichloropropane

Concen: 19.111 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

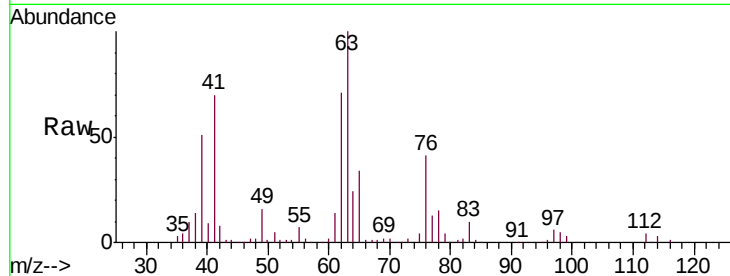
VW0826SBS02

Tgt Ion: 63 Resp: 54548

Ion Ratio Lower Upper

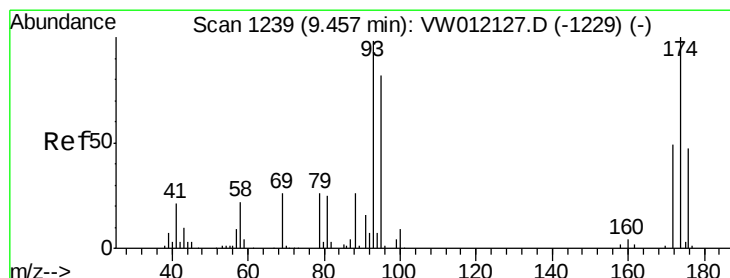
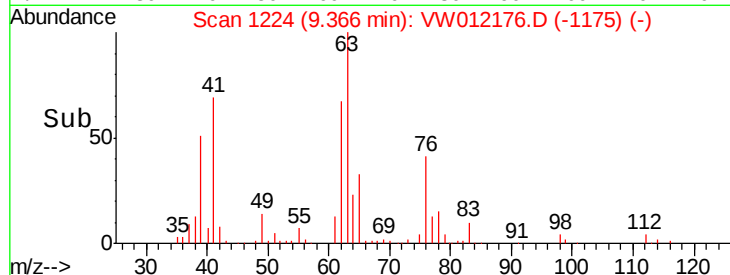
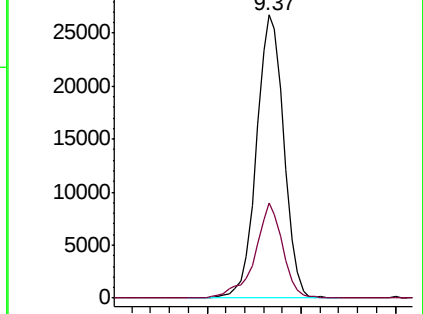
63 100

65 33.7 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 19.375 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

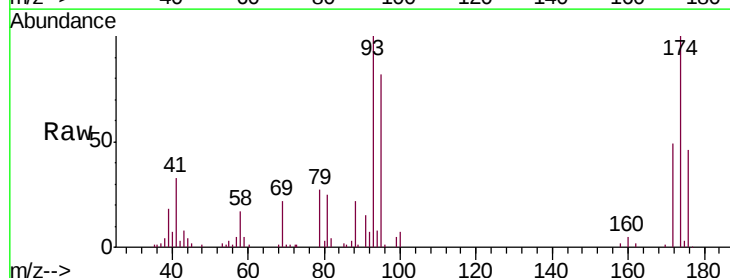
Tgt Ion: 93 Resp: 24605

Ion Ratio Lower Upper

93 100

95 82.6 67.2 100.8

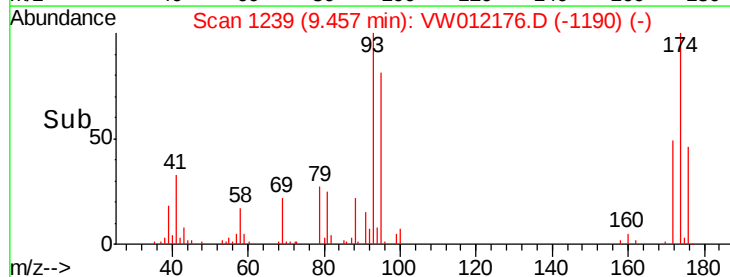
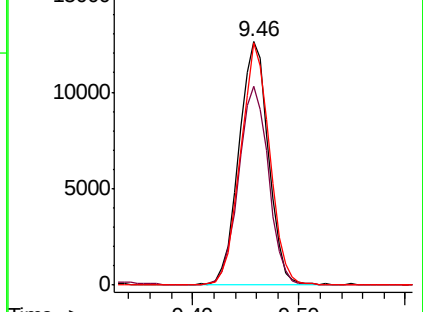
174 97.8 79.0 118.6

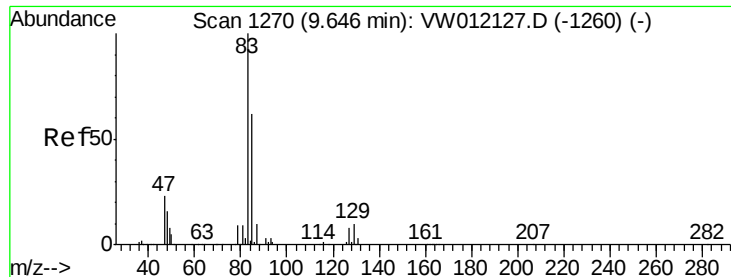


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.104 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS02

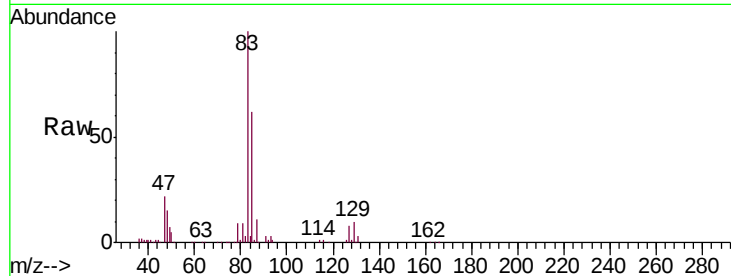
Tgt Ion: 83 Resp: 64569

Ion Ratio Lower Upper

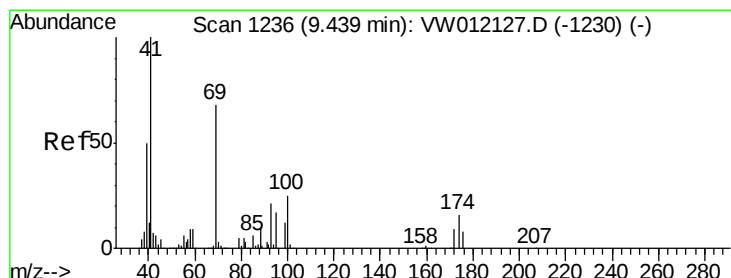
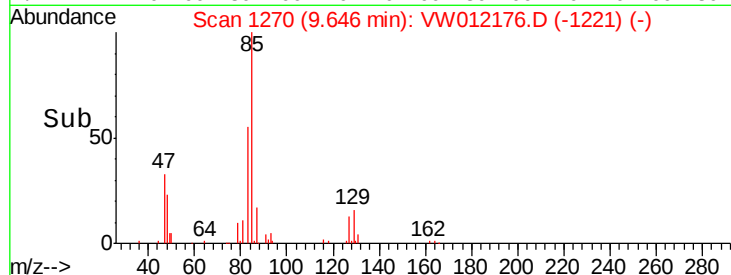
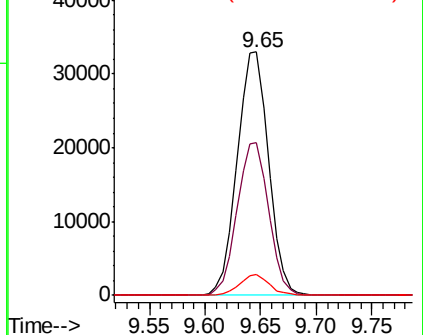
83 100

85 62.5 49.4 74.2

127 8.4 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: 19.213 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

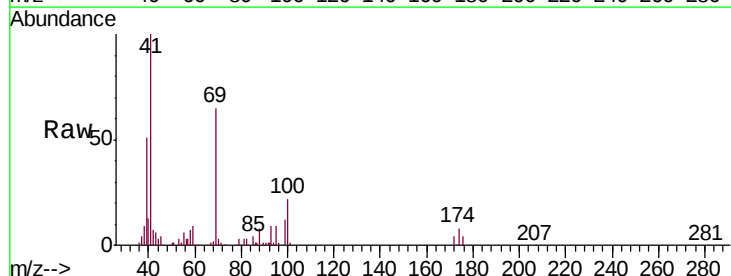
Tgt Ion: 41 Resp: 36051

Ion Ratio Lower Upper

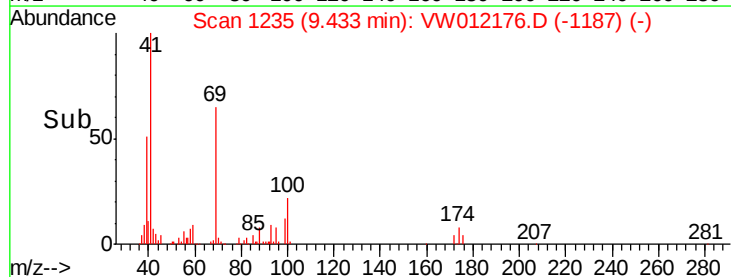
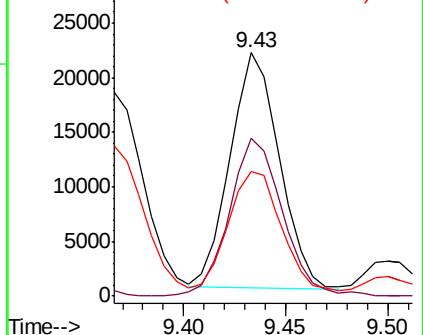
41 100

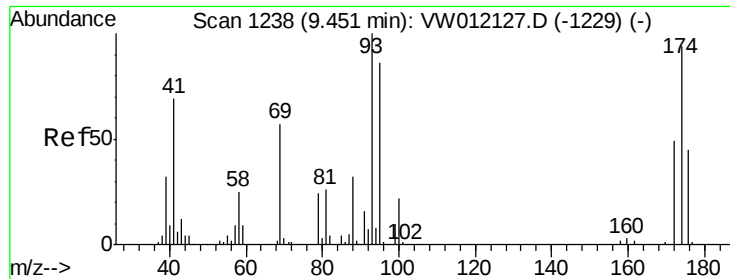
69 71.7 56.7 85.1

39 59.2 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

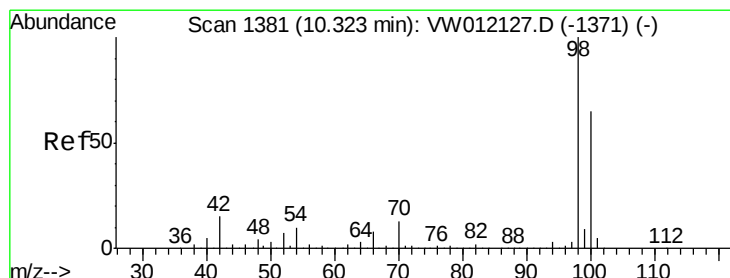
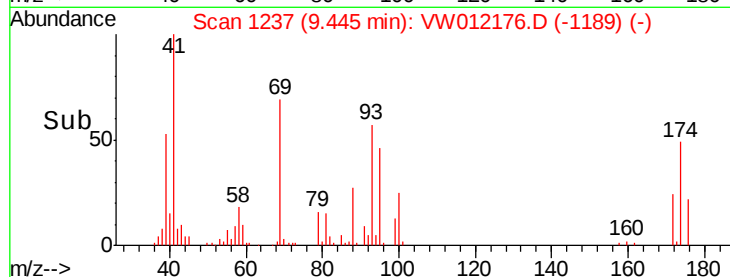
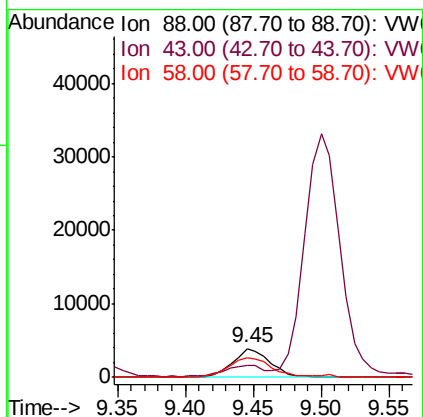
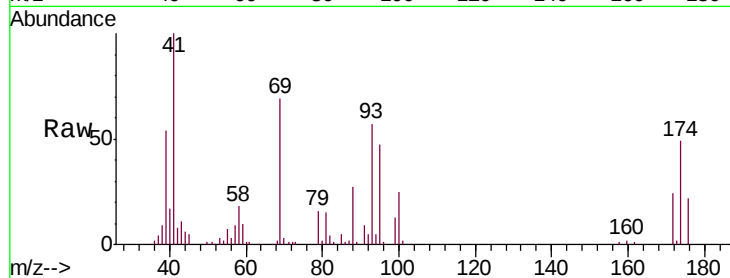




#49
 1,4-Dioxane
 Concen: 386.186 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

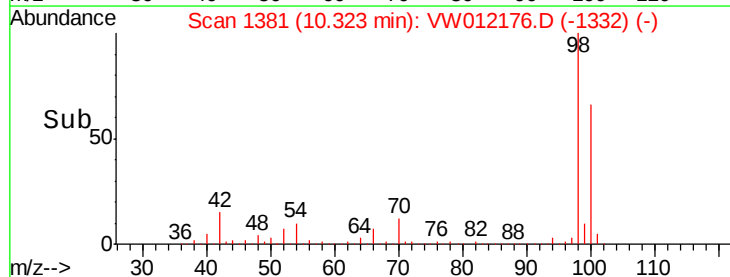
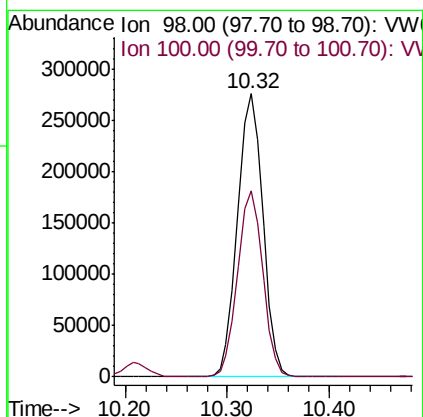
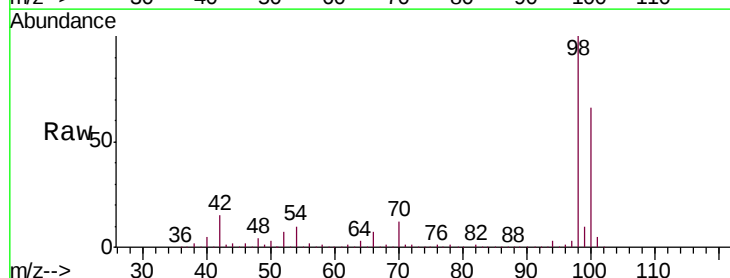
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

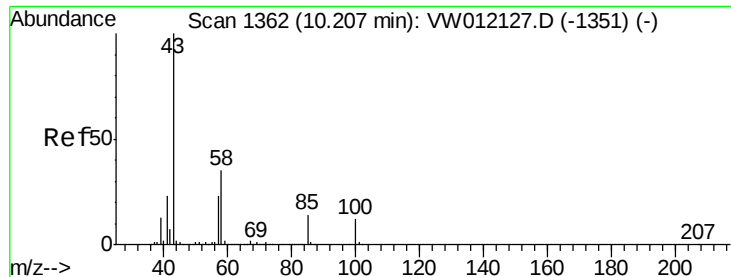
Tgt Ion: 88 Resp: 7508
 Ion Ratio Lower Upper
 88 100
 43 37.3 32.9 49.3
 58 80.2 71.0 106.4



#50
 Toluene-d8
 Concen: 52.466 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

Tgt Ion: 98 Resp: 477258
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.4 78.6

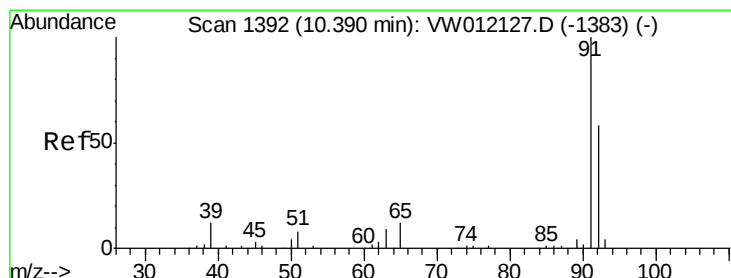
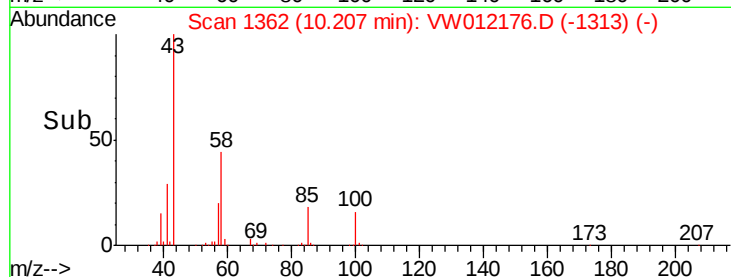
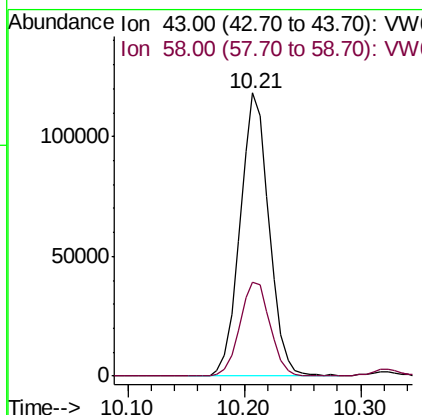
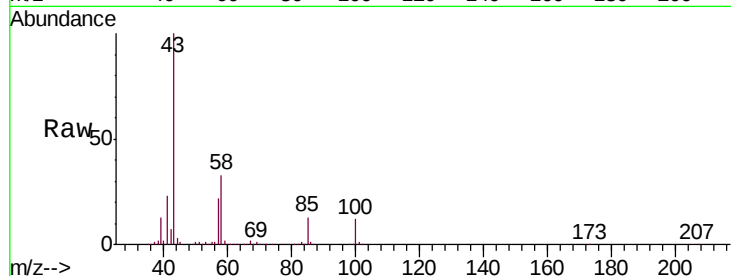




#51
 4-Methyl-2-Pentanone
 Concen: 101.717 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

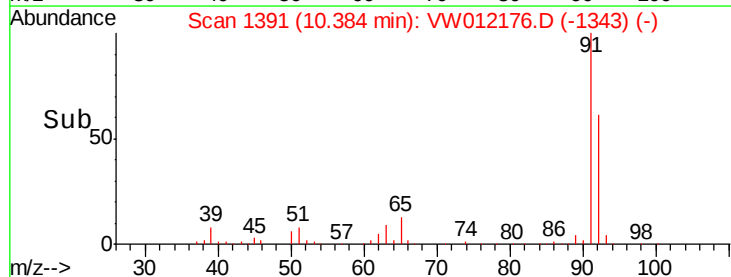
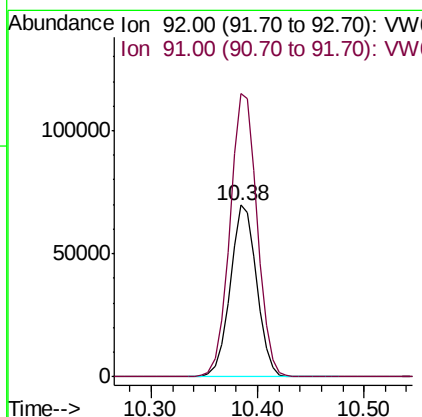
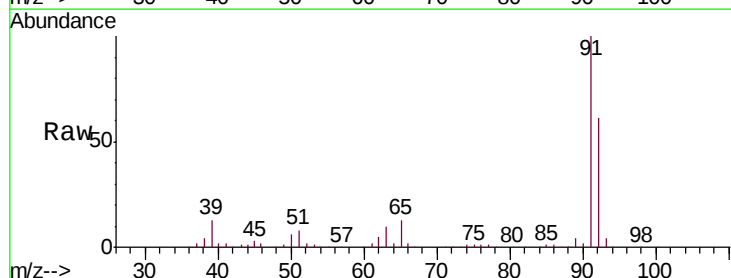
Instrument :
 MSVOA_W
 ClientSampled :
 VW0826SBS02

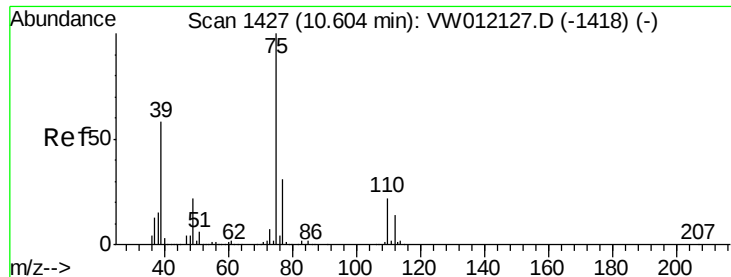
Tgt Ion: 43 Resp: 203966
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.2 42.2



#52
 Toluene
 Concen: 19.018 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

Tgt Ion: 92 Resp: 121168
 Ion Ratio Lower Upper
 92 100
 91 170.4 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 18.998 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

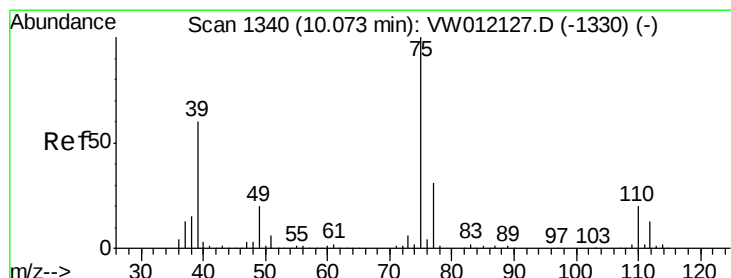
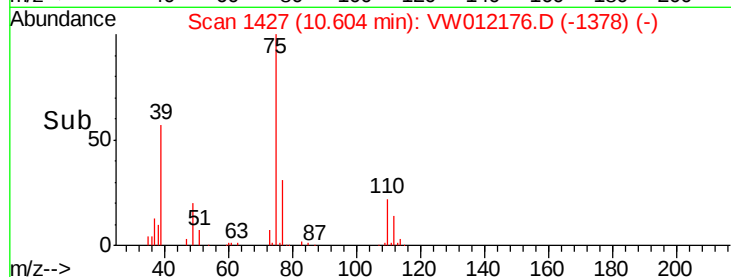
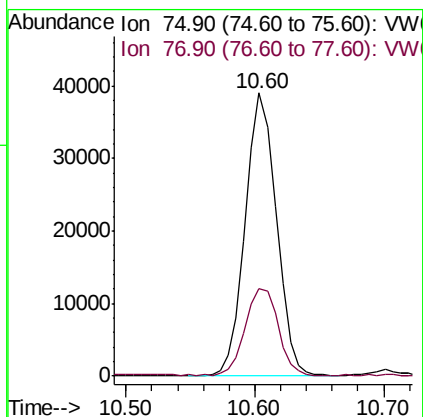
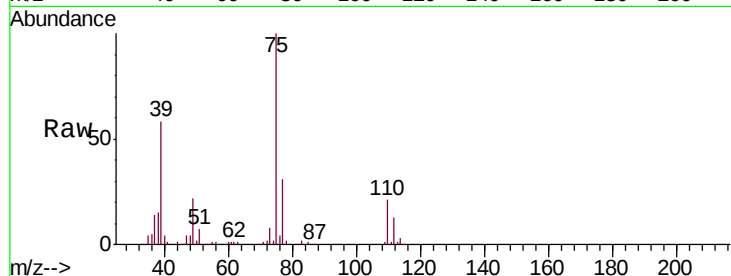
VW0826SBS02

Tgt Ion: 75 Resp: 65406

Ion Ratio Lower Upper

75 100

77 30.6 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 18.919 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

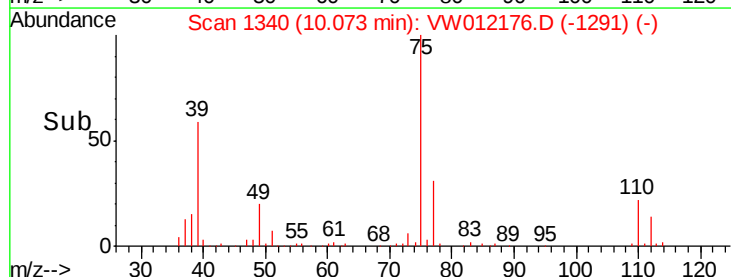
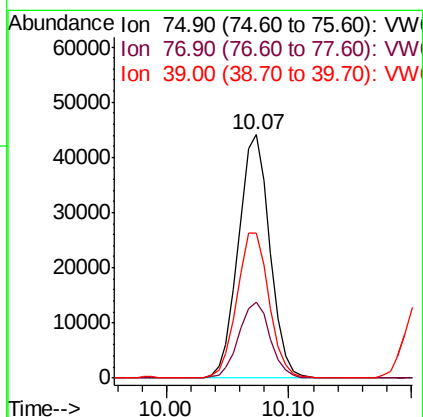
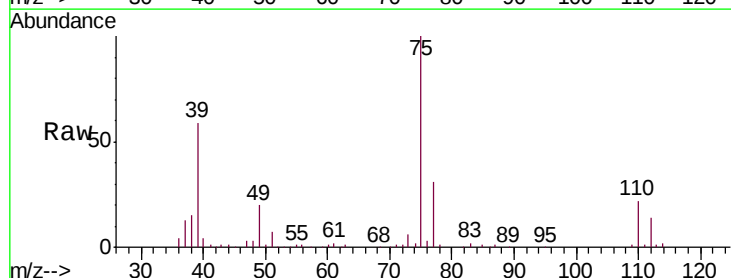
Tgt Ion: 75 Resp: 78645

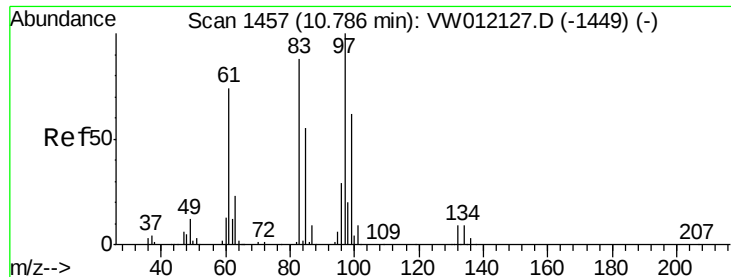
Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

39 59.3 48.3 72.5

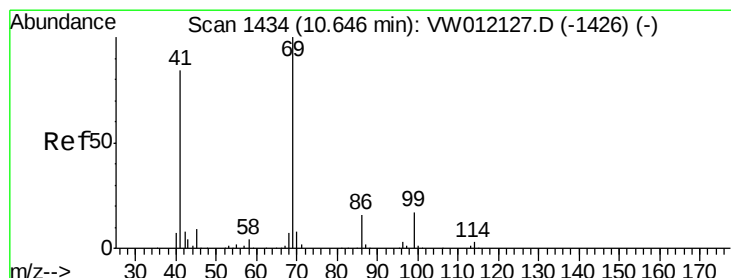
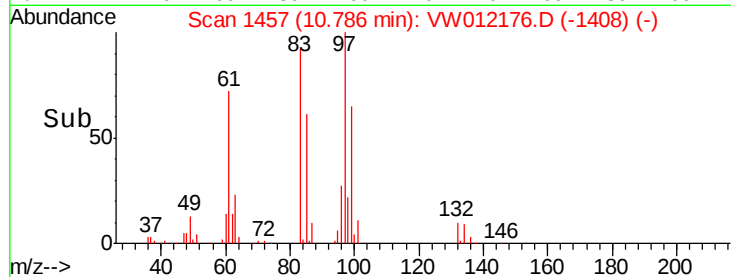
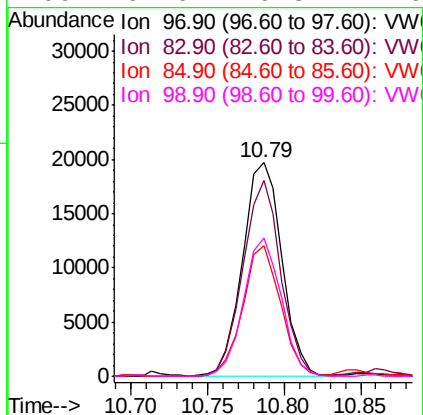
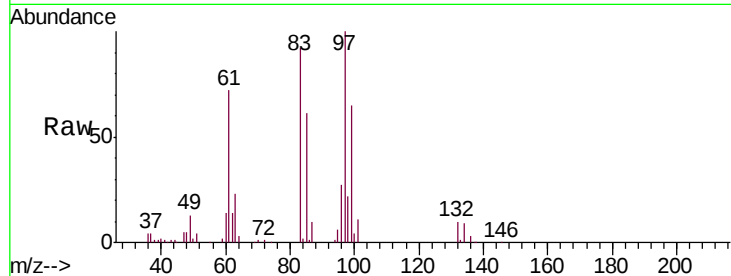




#55
 1,1,2-Trichloroethane
 Concen: 19.681 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

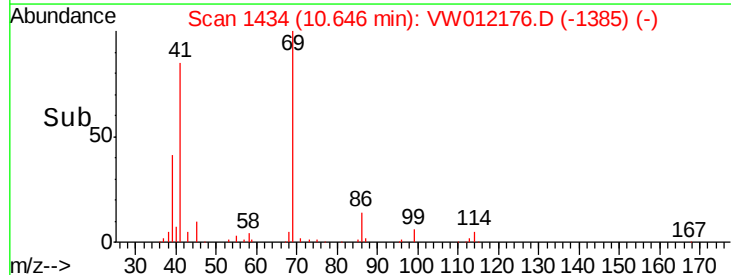
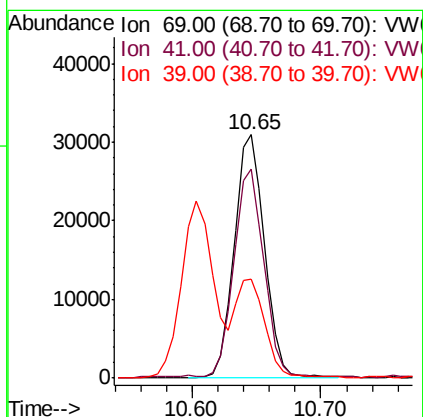
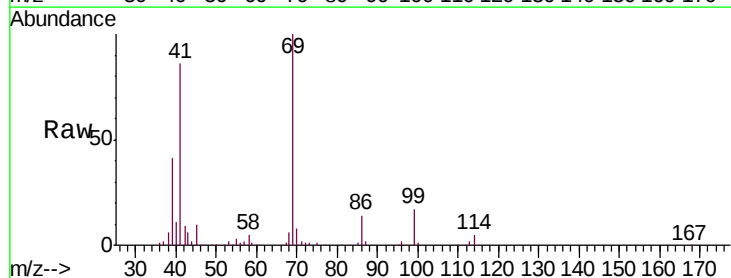
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

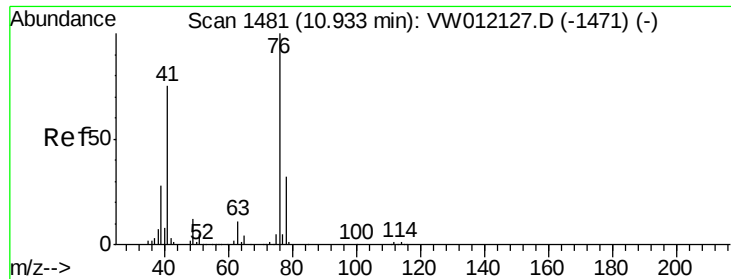
Tgt Ion:	97	Resp:	35363
Ion	Ratio	Lower	Upper
97	100		
83	91.9	70.8	106.2
85	60.9	43.8	65.8
99	64.6	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 19.366 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

Tgt Ion:	69	Resp:	50644
Ion	Ratio	Lower	Upper
69	100		
41	86.1	66.5	99.7
39	38.7	31.0	46.4

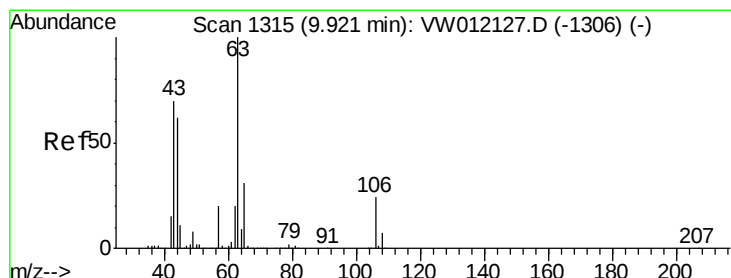
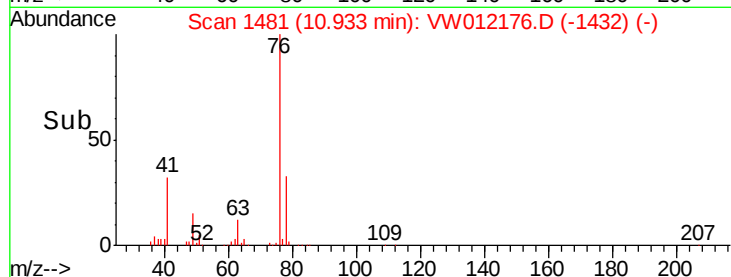
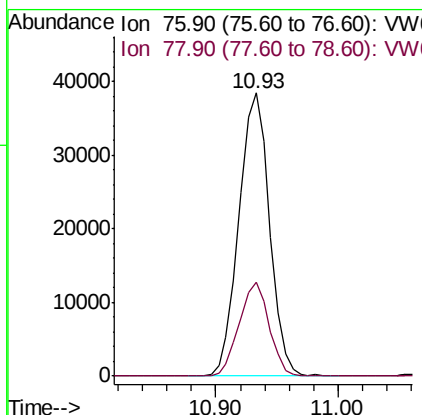
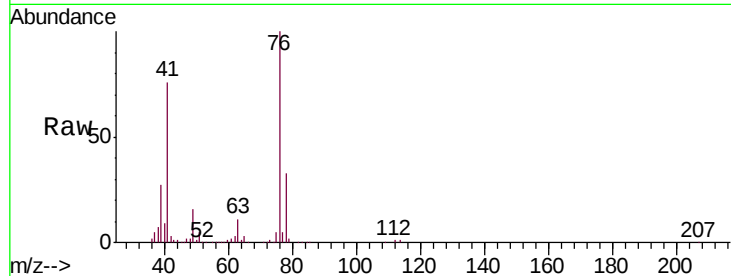




#57
 1,3-Dichloropropane
 Concen: 19.691 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

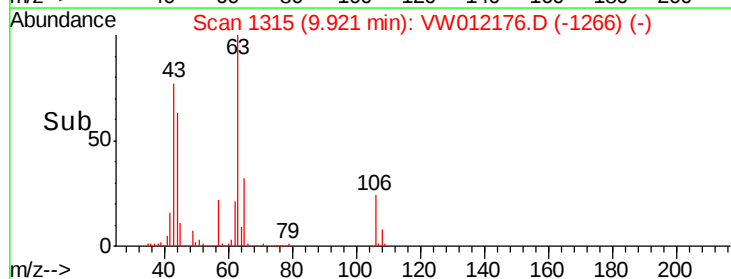
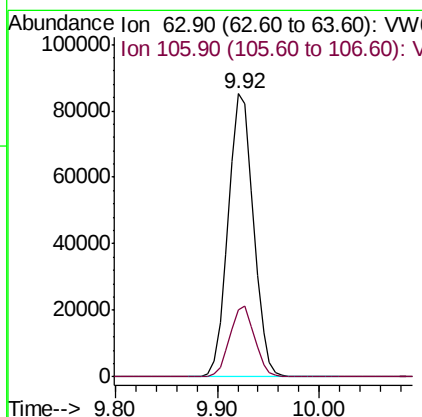
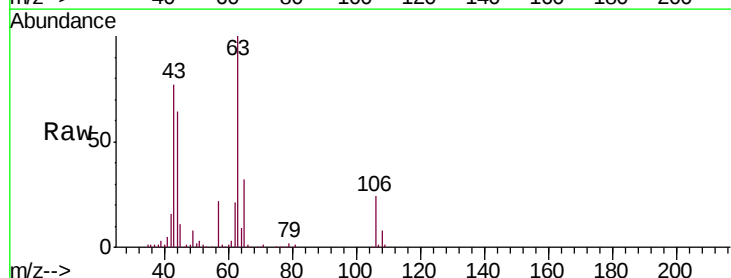
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

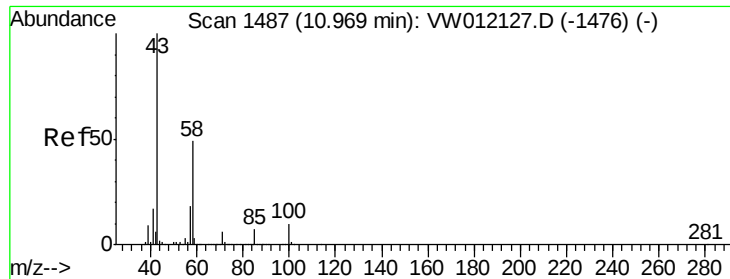
Tgt Ion: 76 Resp: 66859
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.488 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

Tgt Ion: 63 Resp: 145604
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.8 29.8

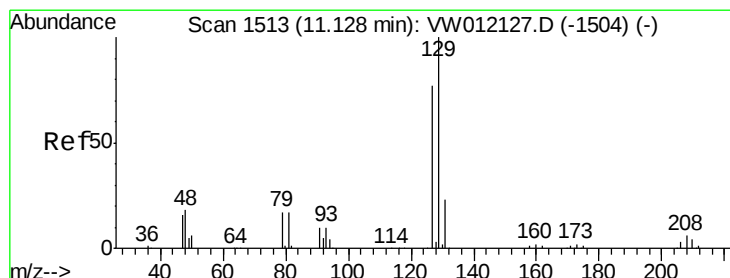
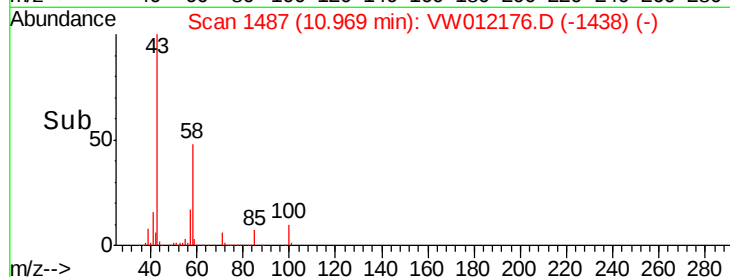
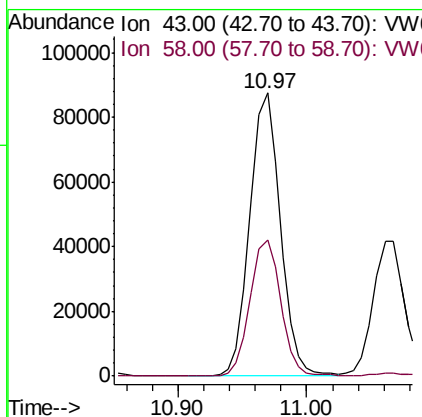
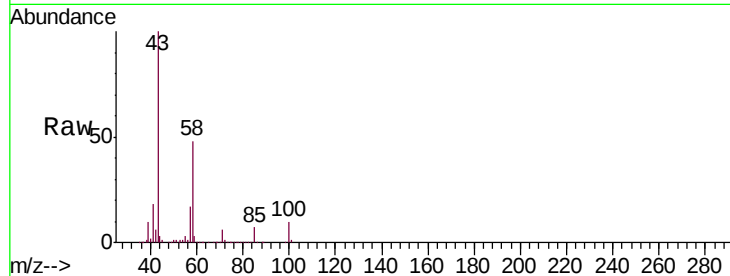




#59
2-Hexanone
Concen: 100.732 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

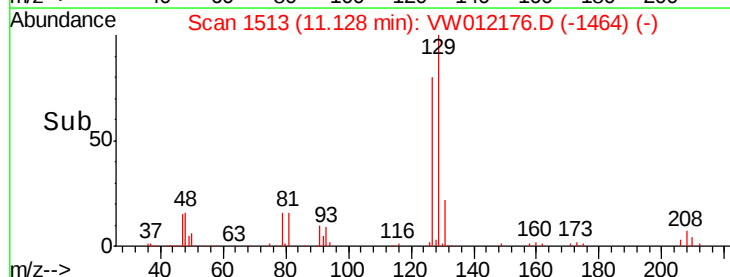
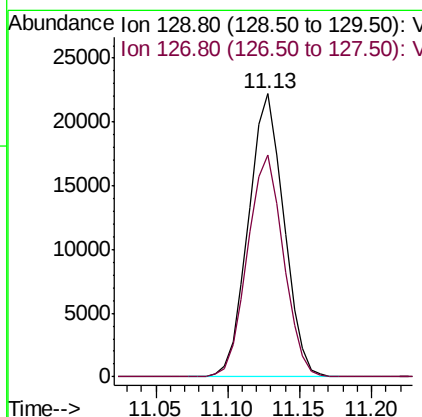
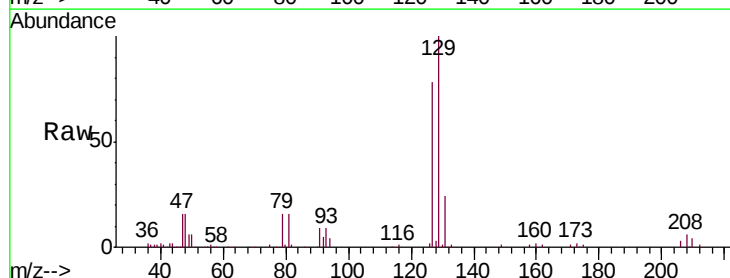
Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS02

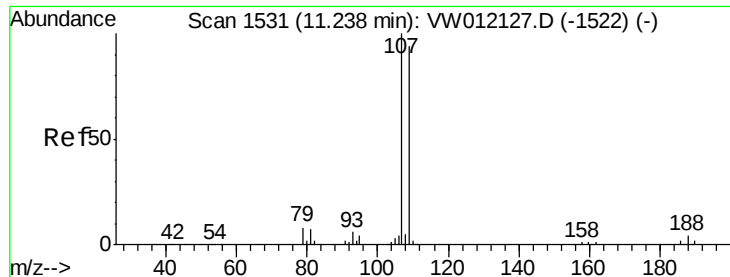
Tgt Ion: 43 Resp: 142922
Ion Ratio Lower Upper
43 100
58 48.8 24.3 72.9



#60
Dibromochloromethane
Concen: 18.894 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

Tgt Ion: 129 Resp: 37813
Ion Ratio Lower Upper
129 100
127 79.4 38.6 115.8

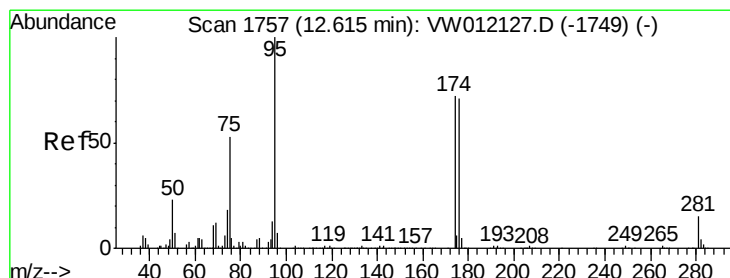
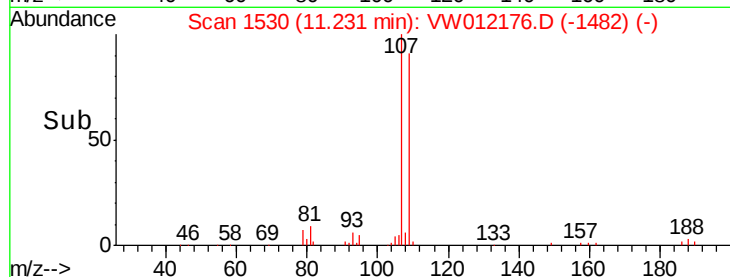
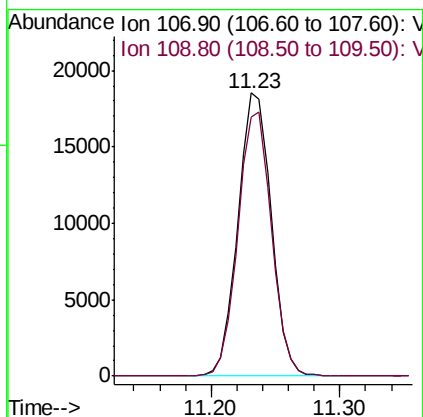
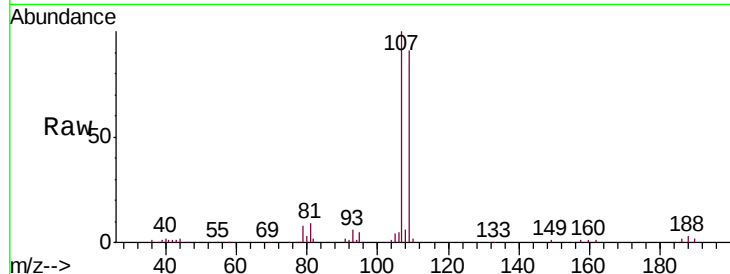




#61
 1,2-Dibromoethane
 Concen: 19.775 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

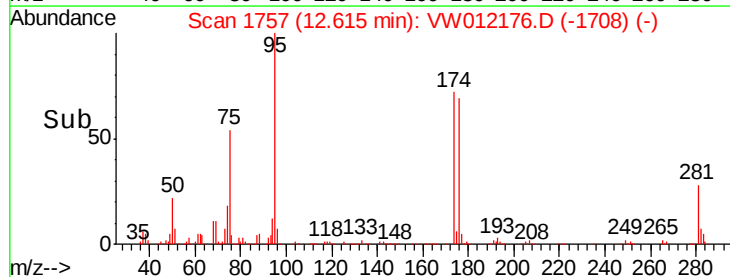
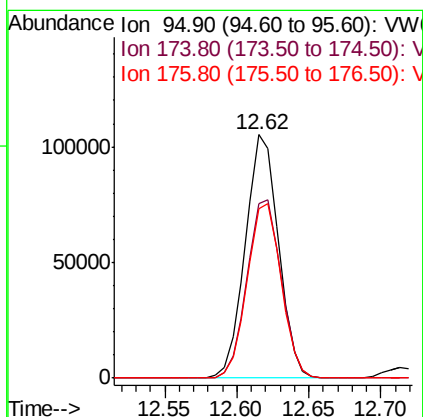
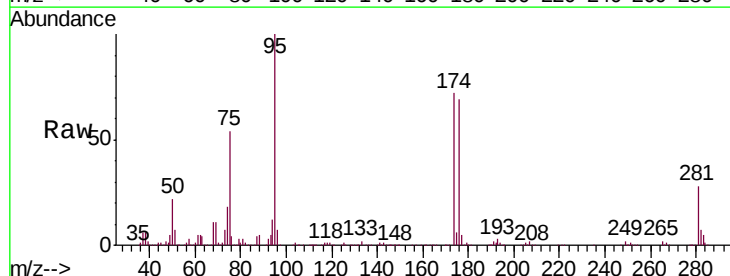
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

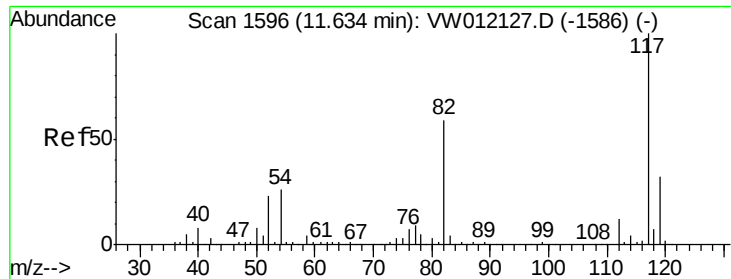
Tgt Ion: 107 Resp: 33102
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 52.243 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

Tgt Ion: 95 Resp: 167518
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 150.8
 176 73.3 0.0 148.6

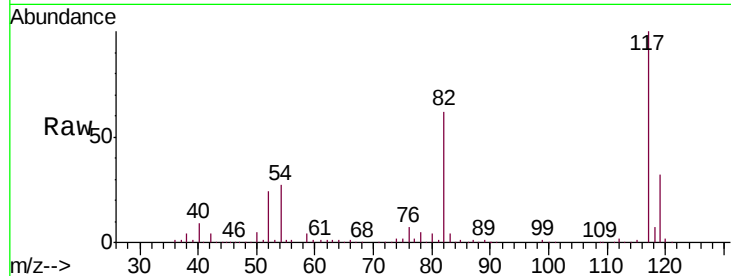




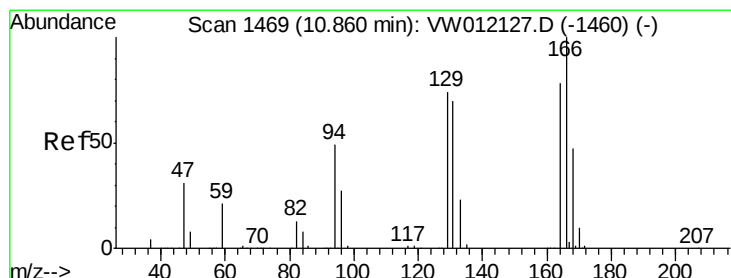
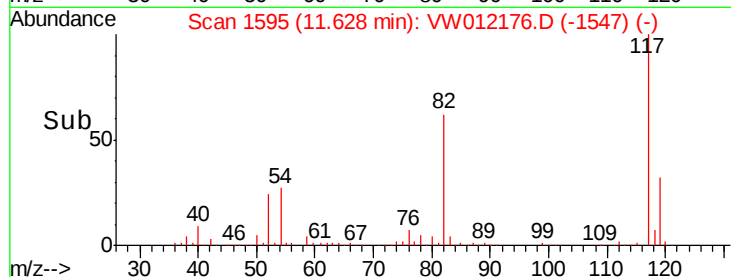
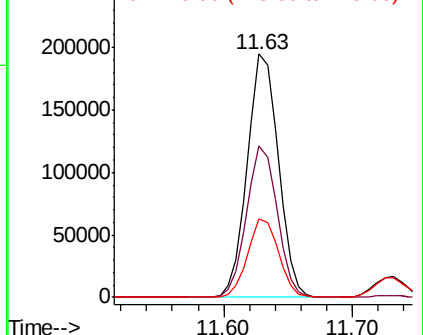
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS02

Tgt Ion:117 Resp: 325427
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 32.2 25.4 38.2

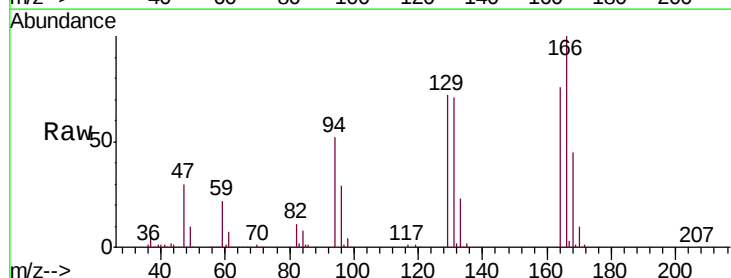


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

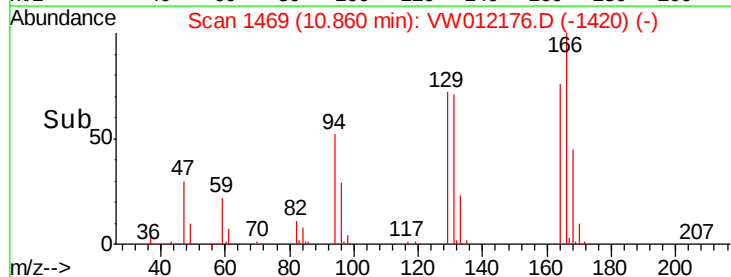
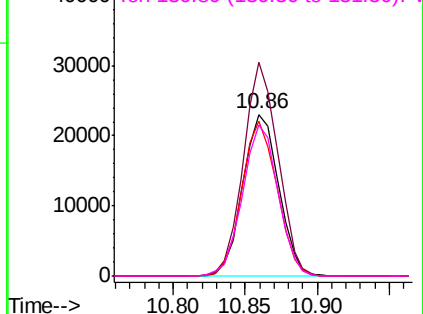


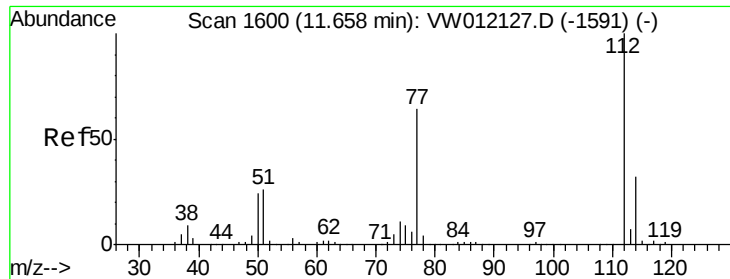
#64
Tetrachloroethene
Concen: 18.837 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

Tgt Ion:164 Resp: 39743
Ion Ratio Lower Upper
164 100
166 132.3 102.4 153.6
129 95.7 75.8 113.6
131 93.9 71.4 107.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

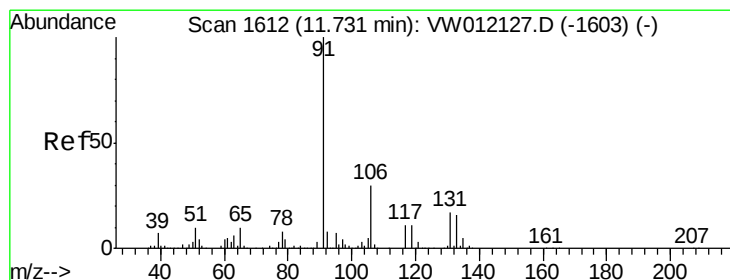
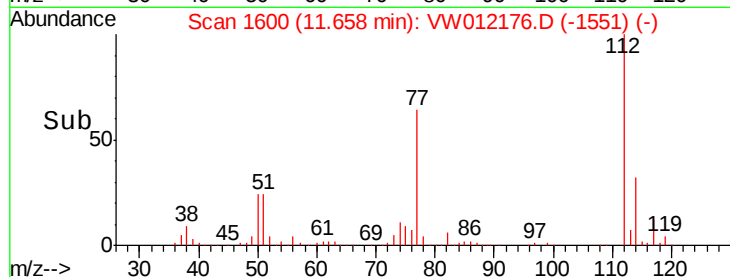
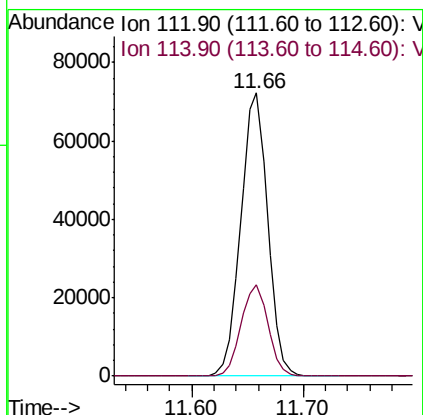
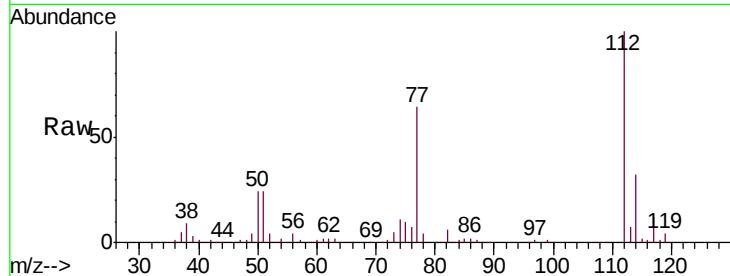




#65
Chlorobenzene
Concen: 18.879 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

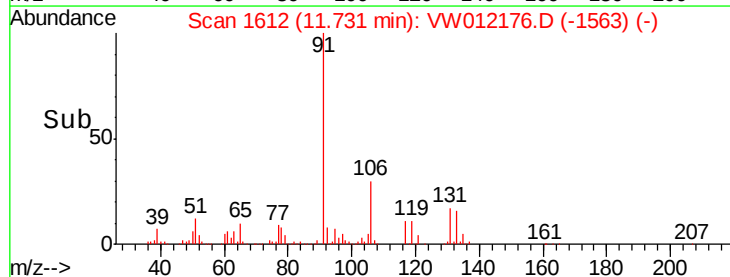
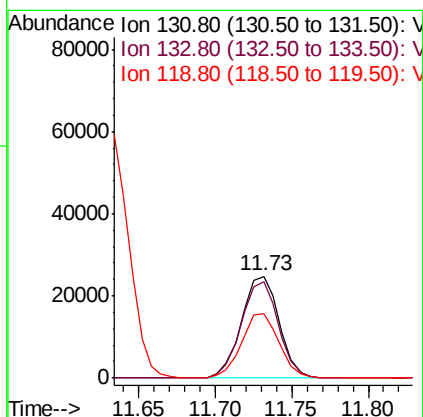
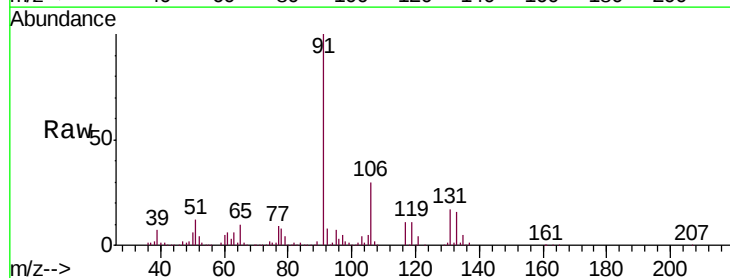
Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS02

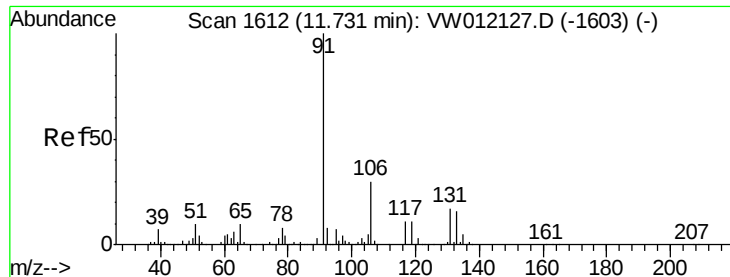
Tgt Ion:112 Resp: 120973
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.994 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

Tgt Ion:131 Resp: 42460
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.3
119 63.9 31.8 95.3





#67

Ethyl Benzene

Concen: 18.941 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

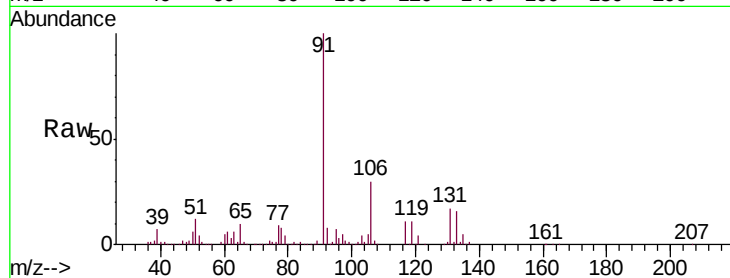
VW0826SBS02

Tgt Ion: 91 Resp: 233804

Ion Ratio Lower Upper

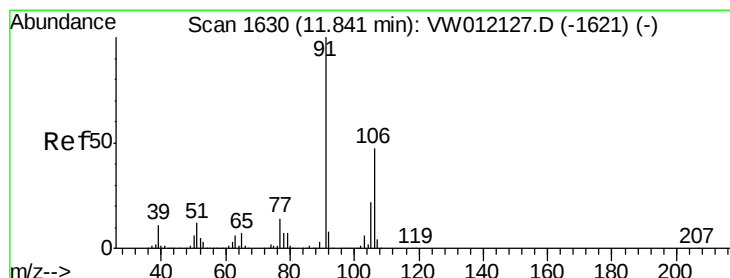
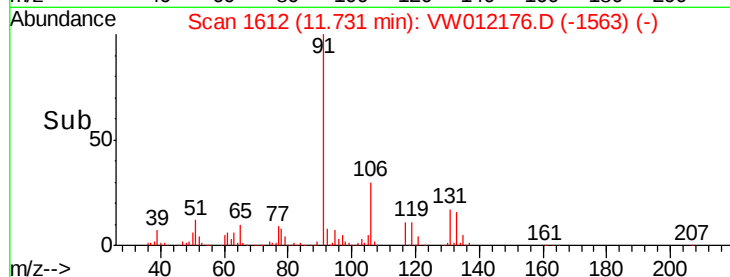
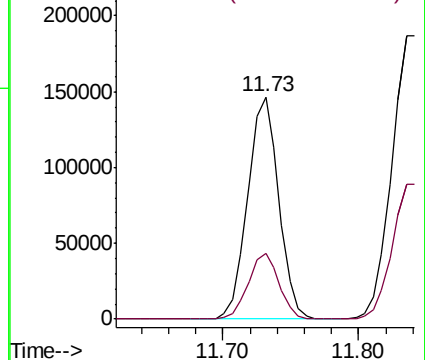
91 100

106 29.7 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.871 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW012176.D

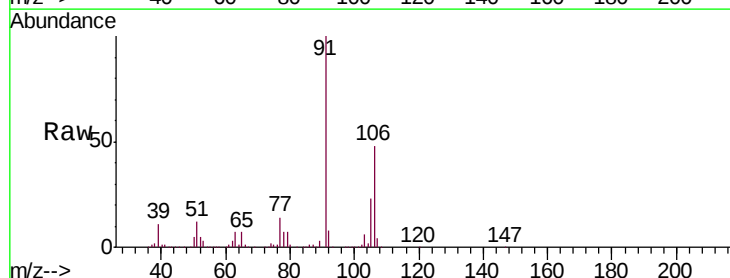
Acq: 26 Aug 2019 17:48

Tgt Ion: 106 Resp: 168391

Ion Ratio Lower Upper

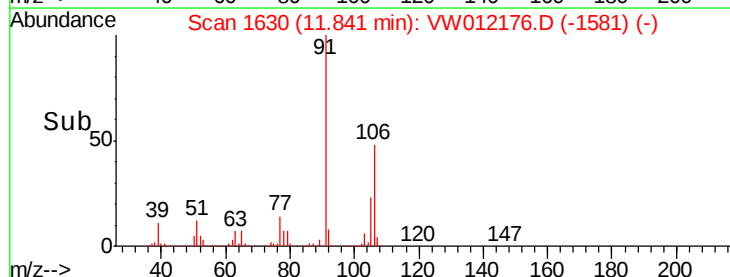
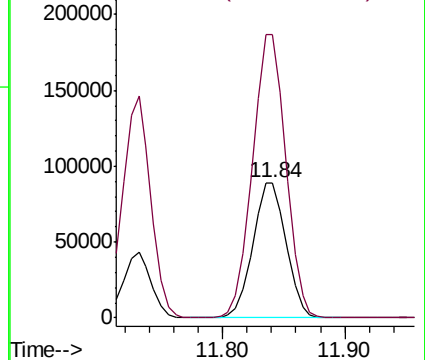
106 100

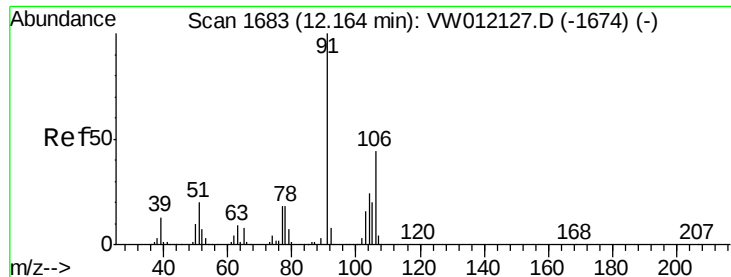
91 210.5 169.5 254.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

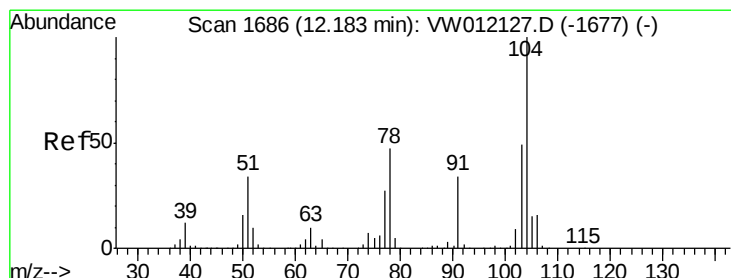
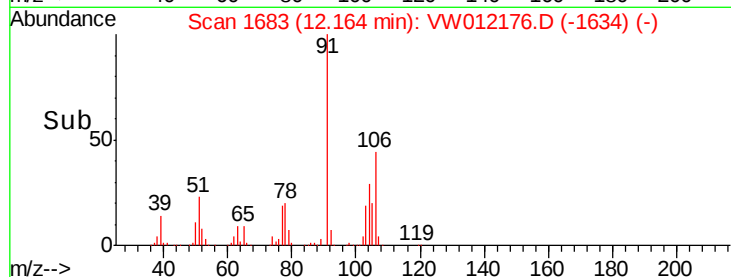
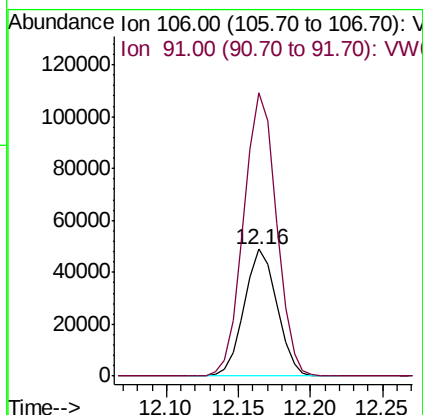
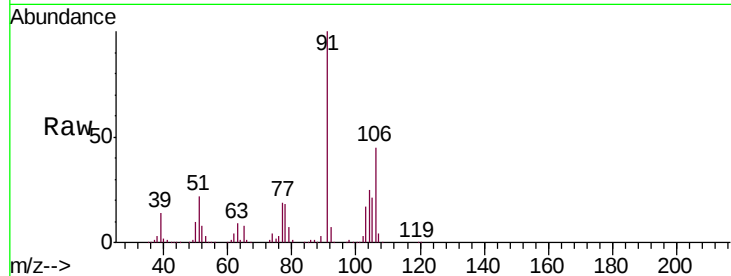




#69
o-Xylene
Concen: 18.772 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

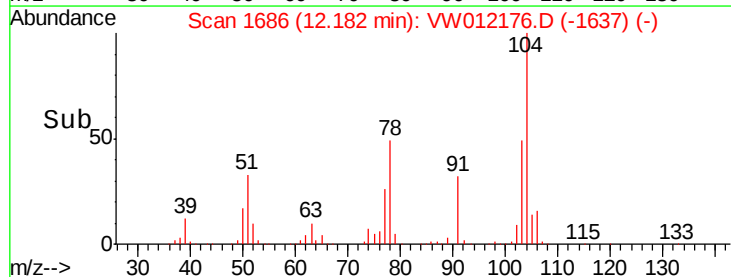
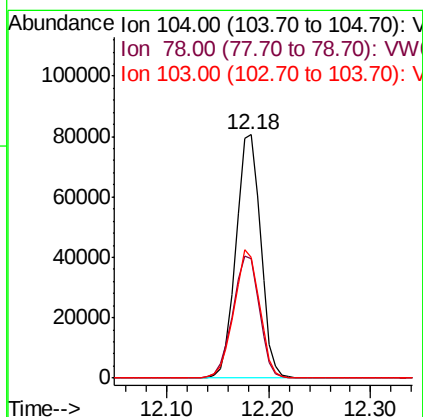
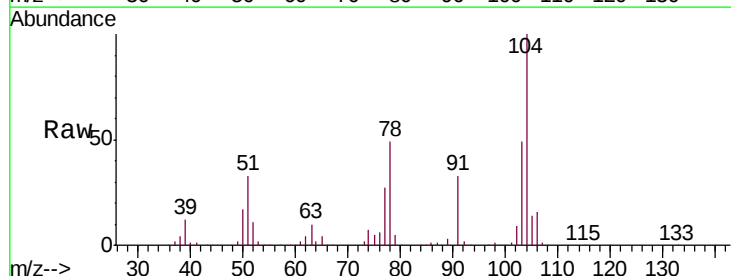
Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS02

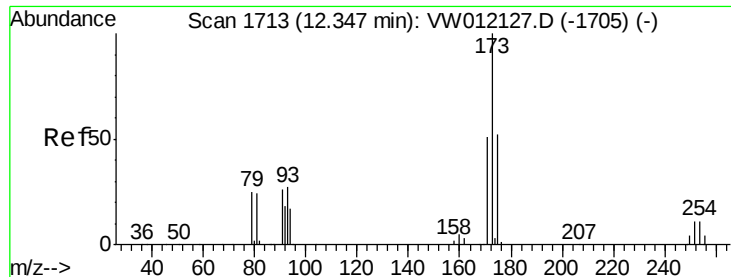
Tgt Ion:106 Resp: 77251
Ion Ratio Lower Upper
106 100
91 223.7 111.6 334.6



#70
Styrene
Concen: 18.893 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

Tgt Ion:104 Resp: 134580
Ion Ratio Lower Upper
104 100
78 54.2 43.1 64.7
103 54.6 43.5 65.3





#71

Bromoform

Concen: 19.571 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS02

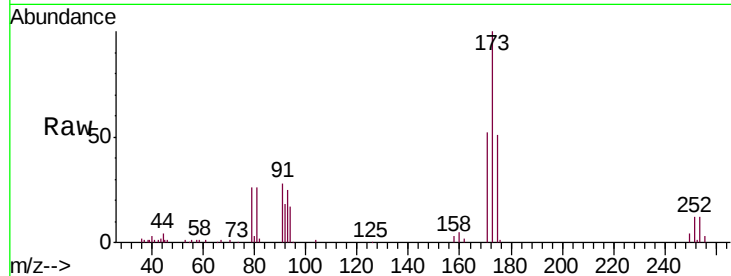
Tgt Ion:173 Resp: 21798

Ion Ratio Lower Upper

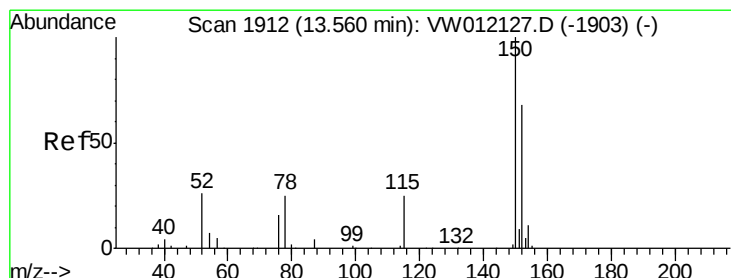
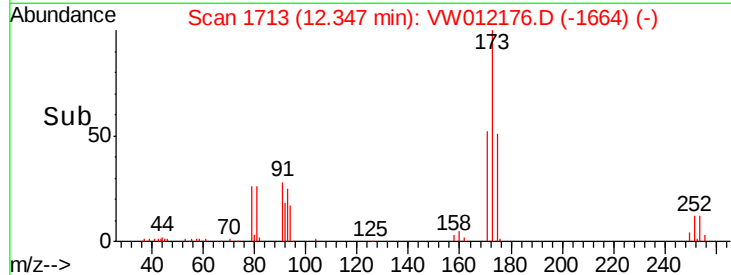
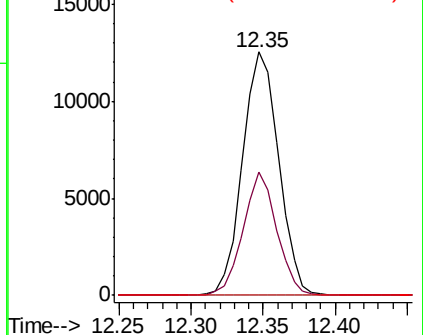
173 100

175 46.9 24.6 74.0

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

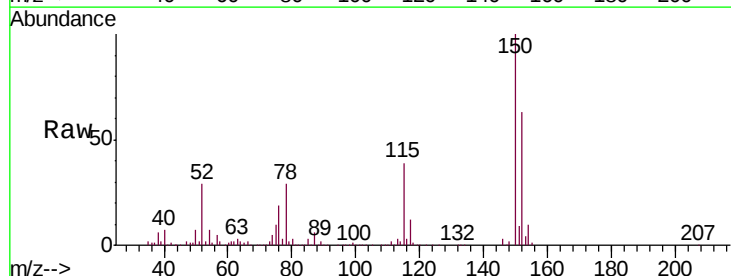
Tgt Ion:152 Resp: 157240

Ion Ratio Lower Upper

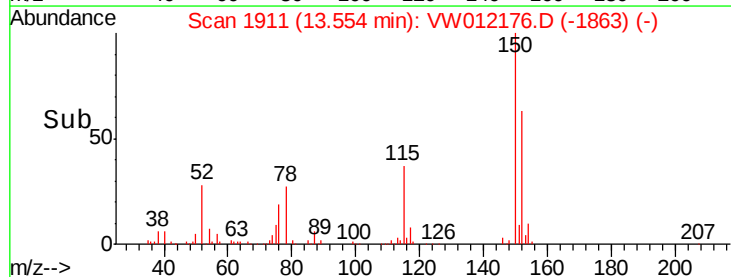
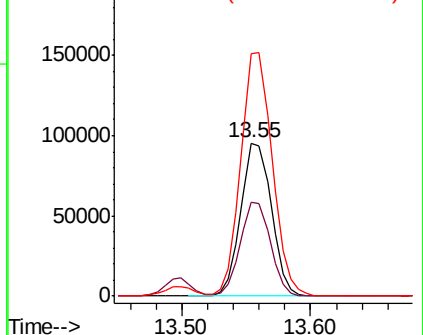
152 100

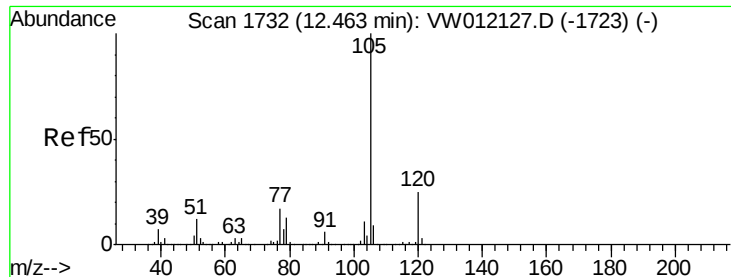
115 60.5 30.1 90.3

150 163.7 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: 18.840 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

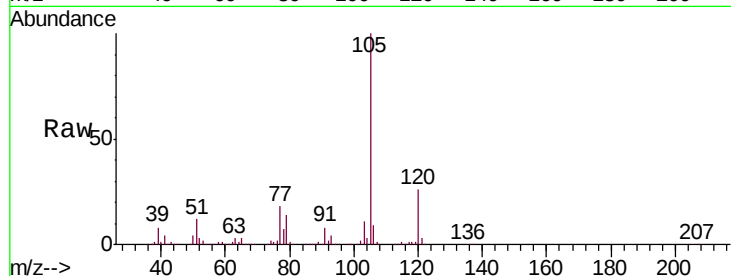
VW0826SBS02

Tgt Ion:105 Resp: 221974

Ion Ratio Lower Upper

105 100

120 25.8 12.5 37.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

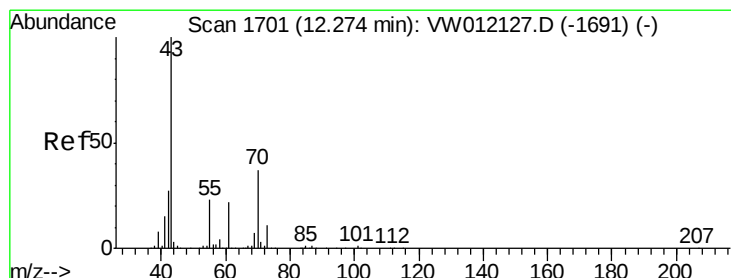
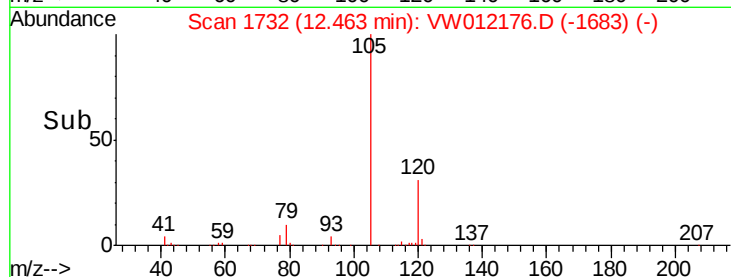
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.565 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Tgt Ion: 43 Resp: 69648

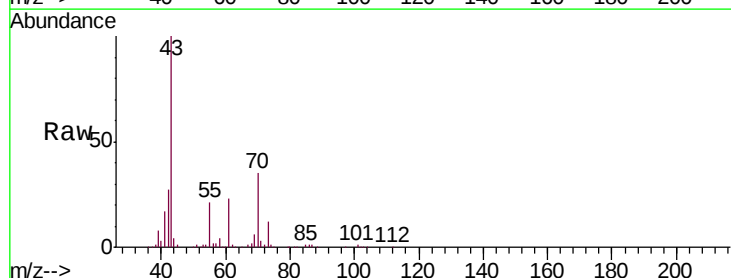
Ion Ratio Lower Upper

43 100

70 35.3 28.6 43.0

55 23.6 17.8 26.6

61 21.8 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

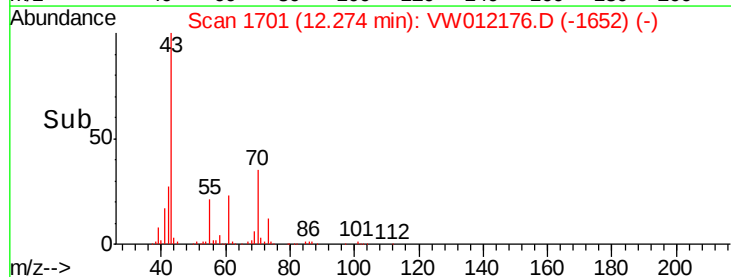
60000

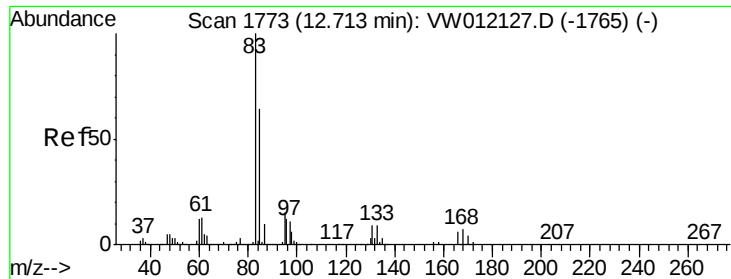
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.985 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS02

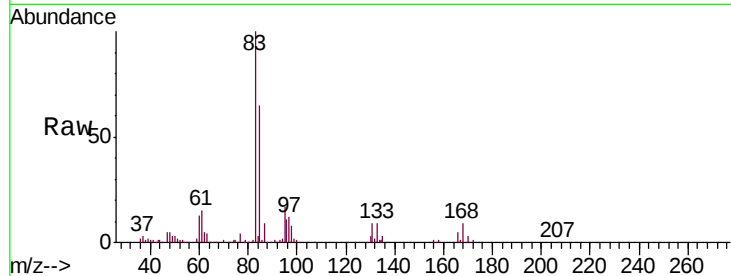
Tgt Ion: 83 Resp: 43169

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

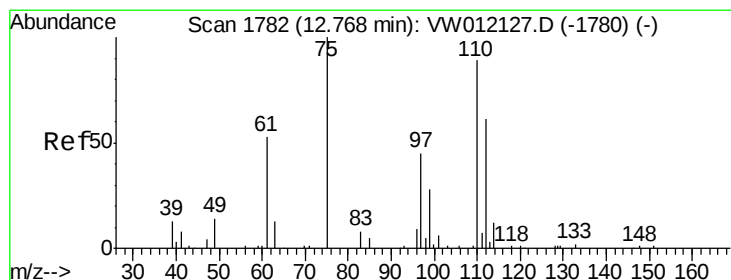
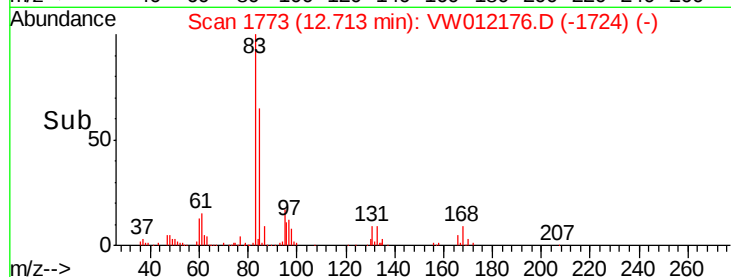
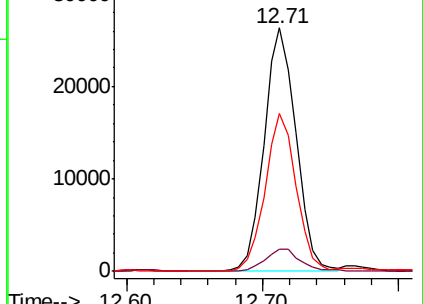
85 63.1 31.9 95.7



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: 37.590 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012176.D

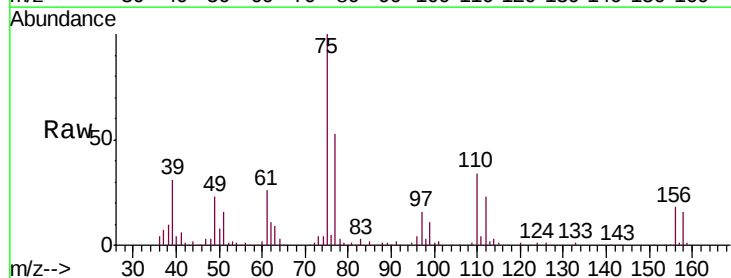
Acq: 26 Aug 2019 17:48

Tgt Ion: 75 Resp: 57565

Ion Ratio Lower Upper

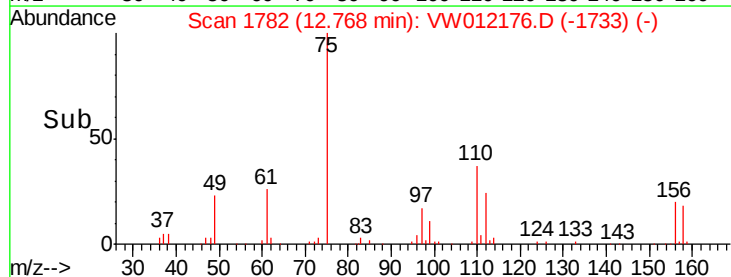
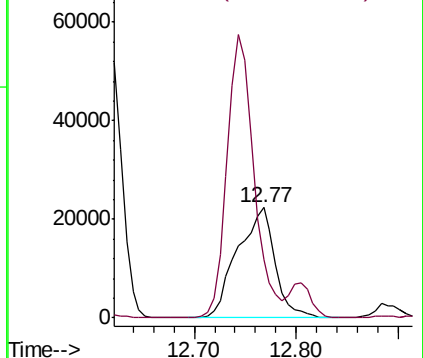
75 100

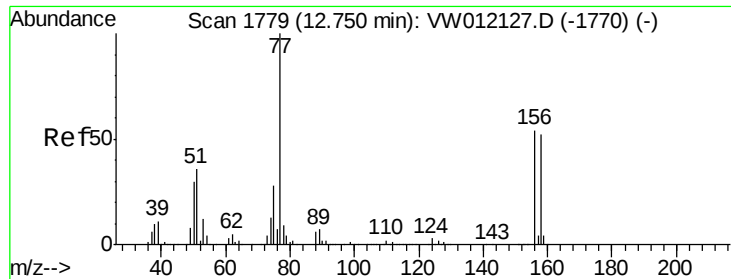
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 18.923 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS02

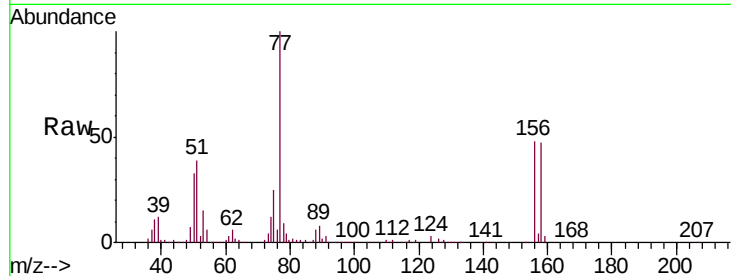
Tgt Ion:156 Resp: 48234

Ion Ratio Lower Upper

156 100

77 218.1 107.3 321.8

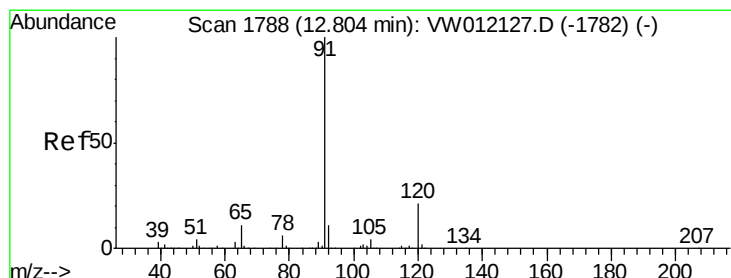
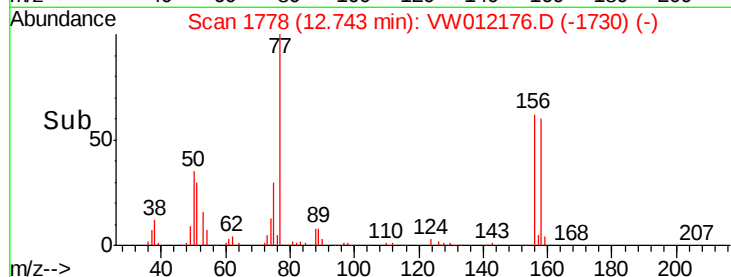
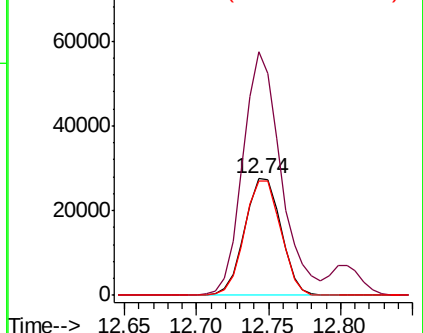
158 97.6 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.097 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012176.D

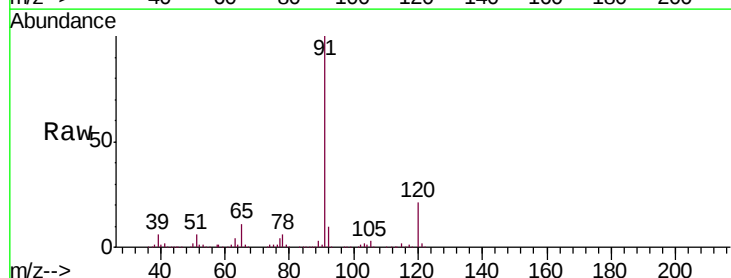
Acq: 26 Aug 2019 17:48

Tgt Ion: 91 Resp: 274684

Ion Ratio Lower Upper

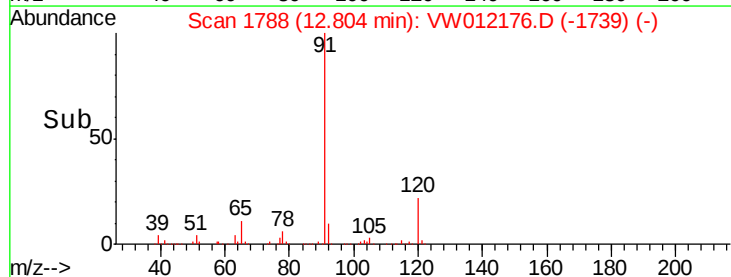
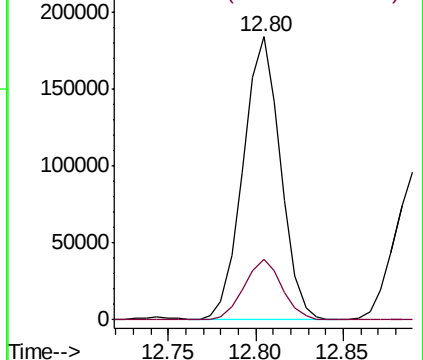
91 100

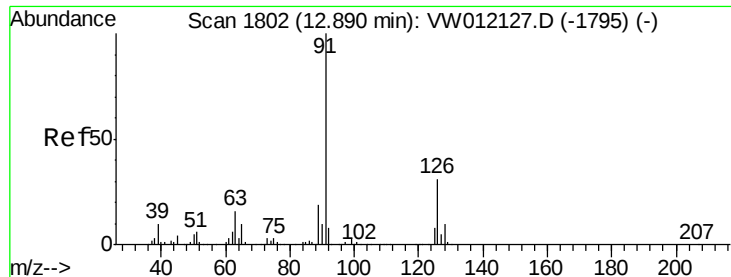
120 21.7 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.812 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

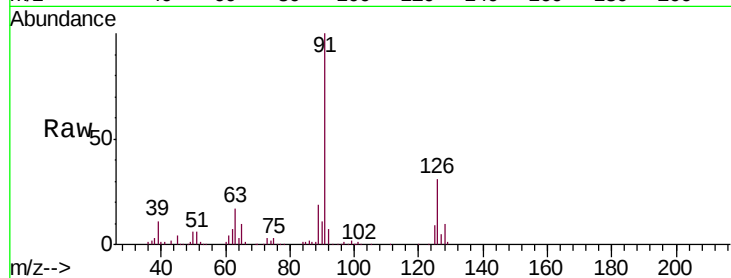
VW0826SBS02

Tgt Ion: 91 Resp: 153625

Ion Ratio Lower Upper

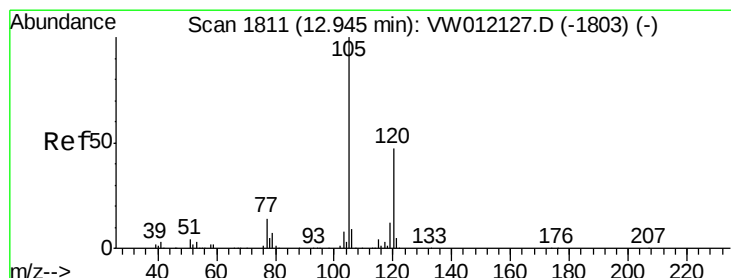
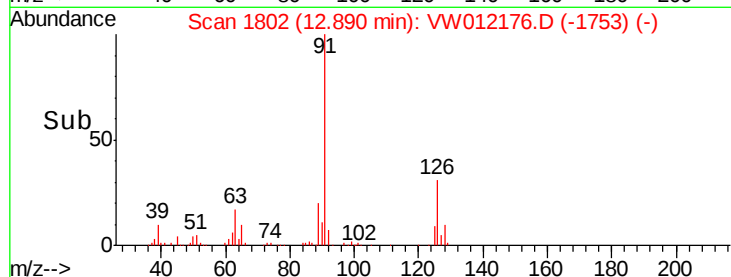
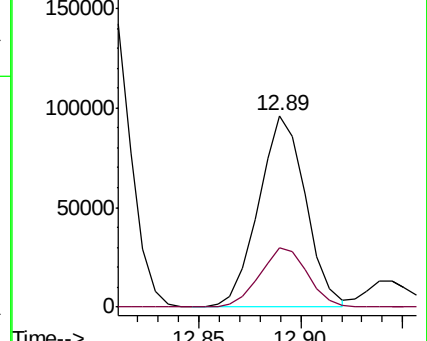
91 100

126 31.7 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.008 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012176.D

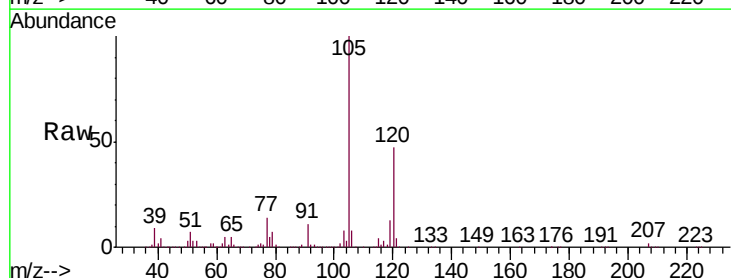
Acq: 26 Aug 2019 17:48

Tgt Ion: 105 Resp: 187137

Ion Ratio Lower Upper

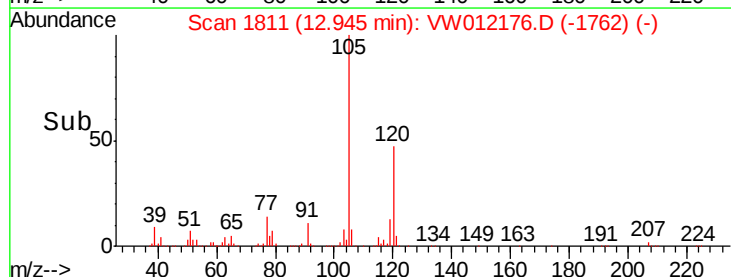
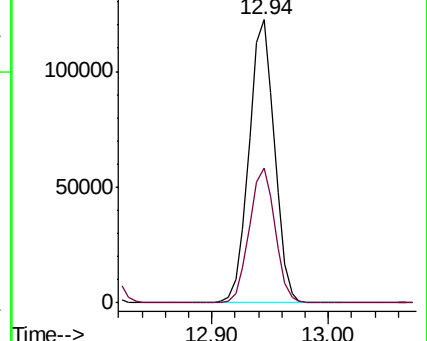
105 100

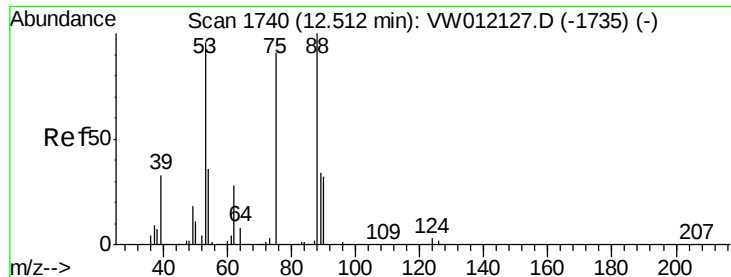
120 48.1 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.004 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS02

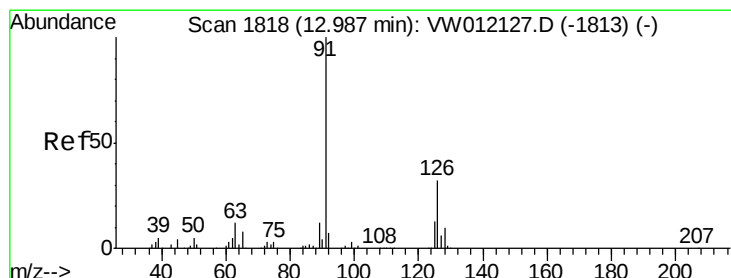
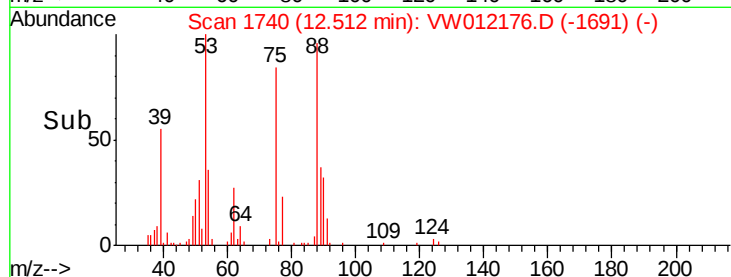
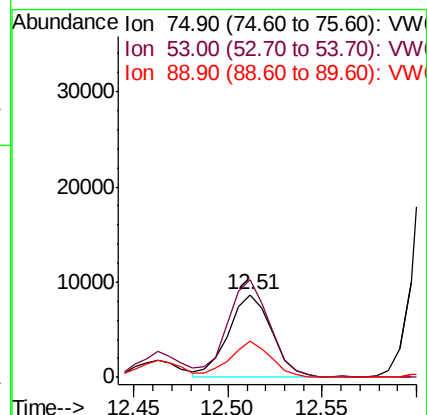
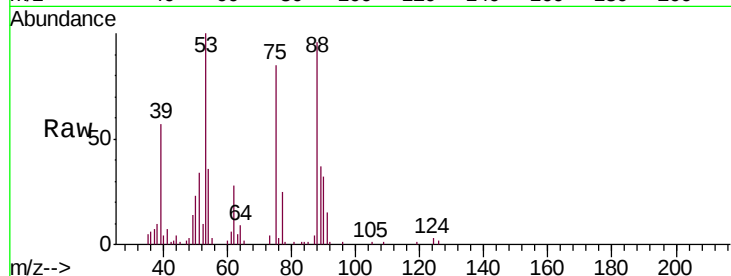
Tgt Ion: 75 Resp: 13972

Ion Ratio Lower Upper

75 100

53 111.8 89.4 134.0

89 41.6 34.5 51.7



#82

4-Chlorotoluene

Concen: 18.993 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012176.D

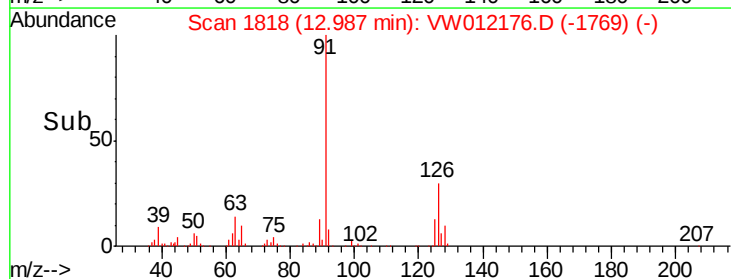
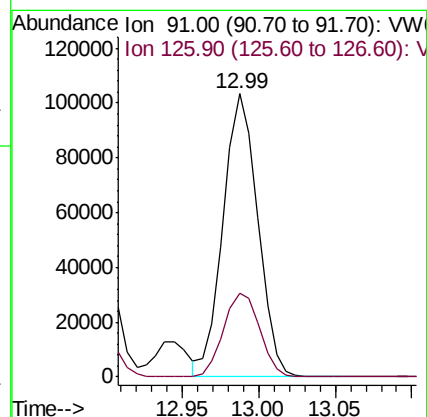
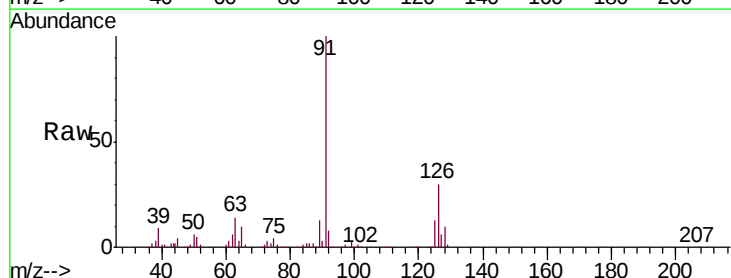
Acq: 26 Aug 2019 17:48

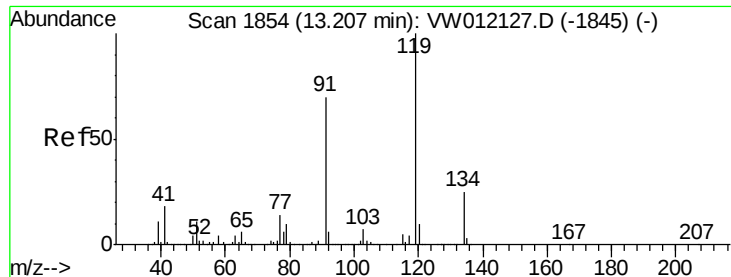
Tgt Ion: 91 Resp: 162401

Ion Ratio Lower Upper

91 100

126 31.0 15.6 46.8

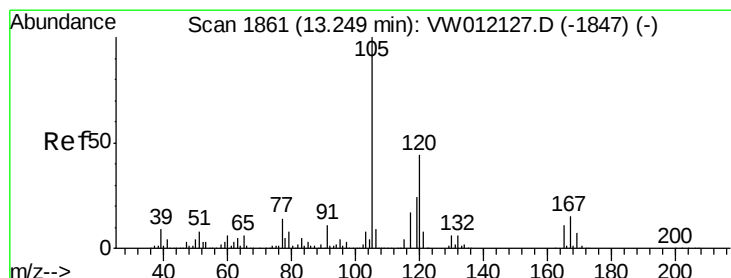
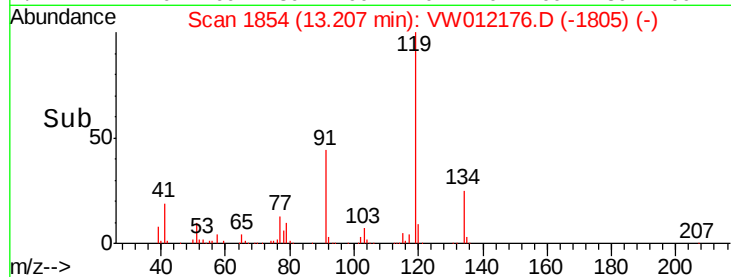
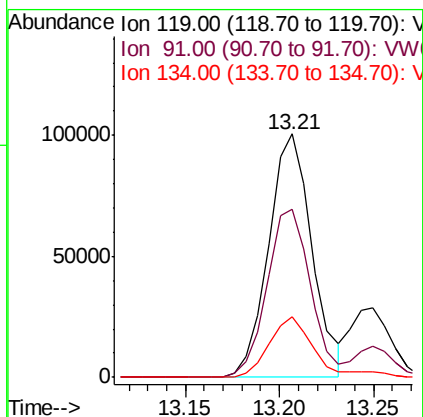
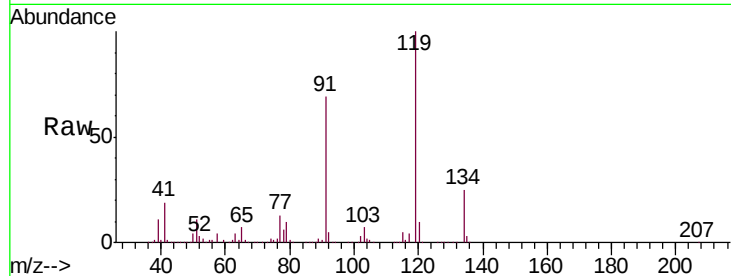




#83
 tert-Butylbenzene
 Concen: 19.254 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

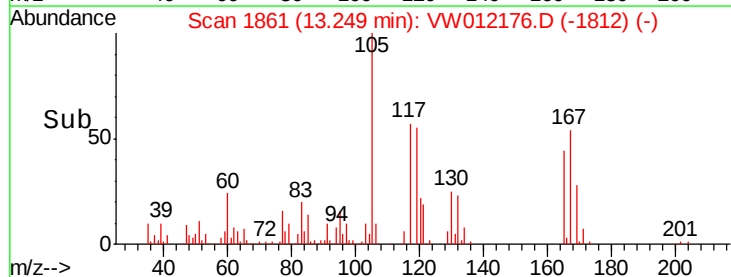
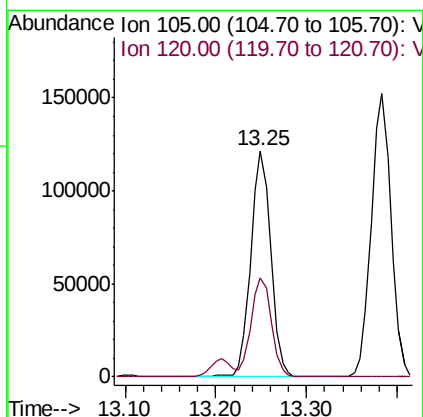
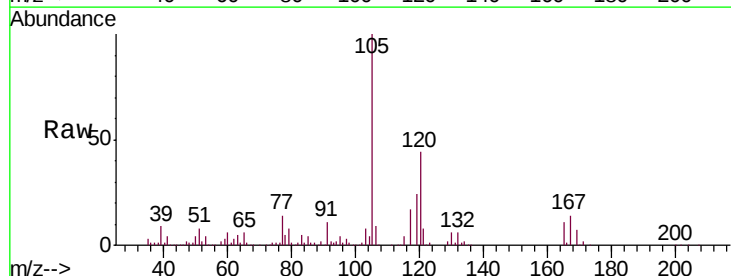
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

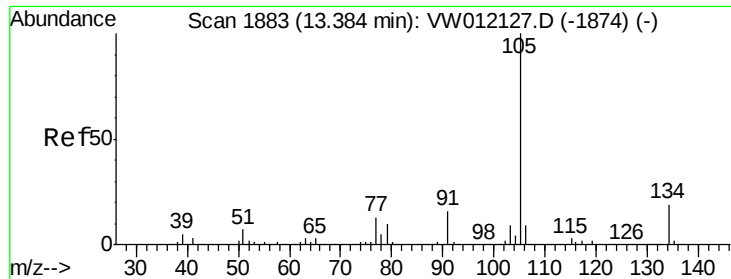
Tgt Ion:119 Resp: 160576
 Ion Ratio Lower Upper
 119 100
 91 69.0 34.8 104.3
 134 26.3 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 18.869 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

Tgt Ion:105 Resp: 186608
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.9 65.7

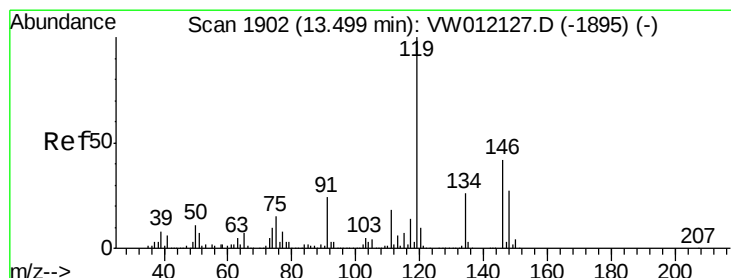
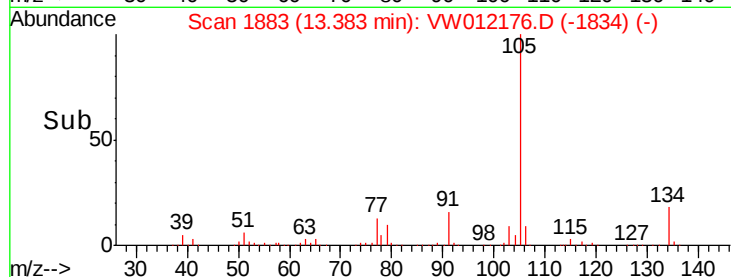
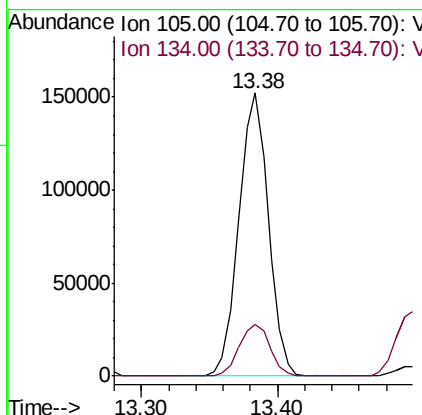
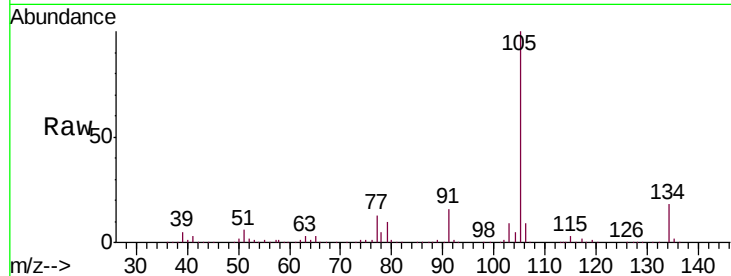




#85
 sec-Butylbenzene
 Concen: 19.309 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

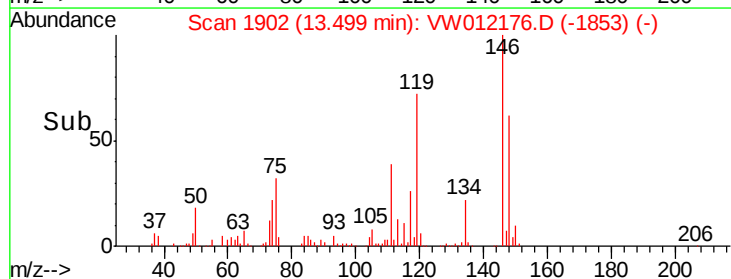
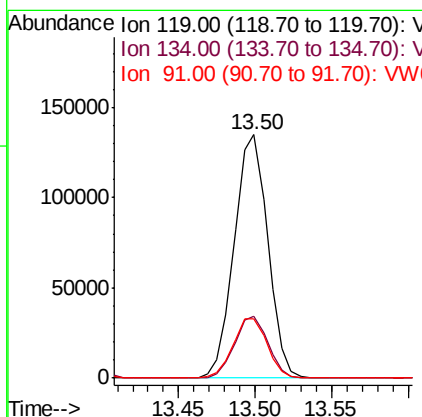
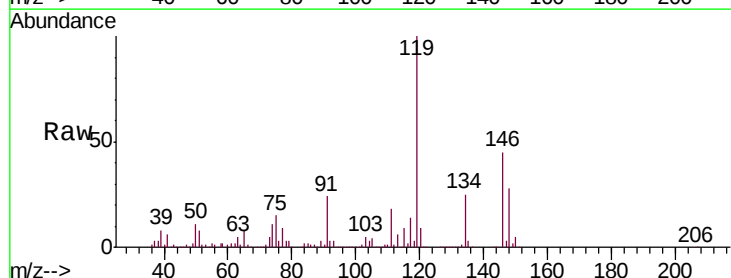
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

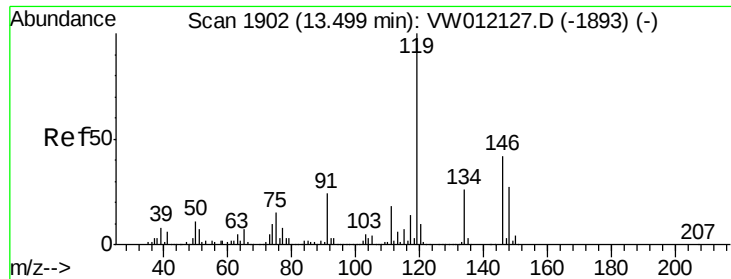
Tgt Ion:105 Resp: 230702
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.208 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

Tgt Ion:119 Resp: 204953
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 24.7 12.3 36.9

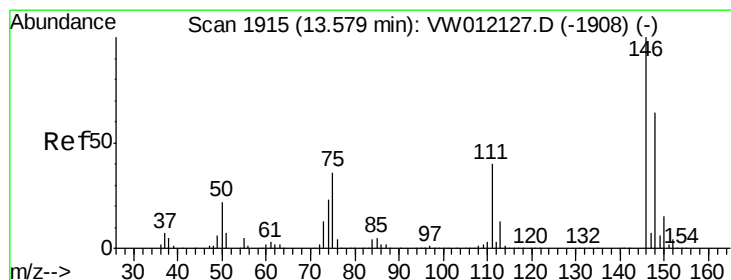
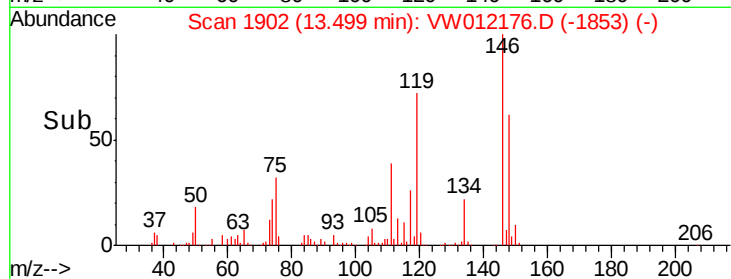
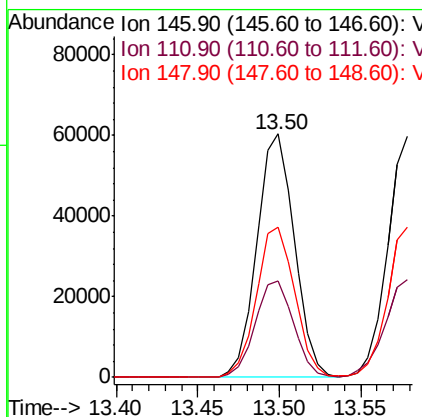
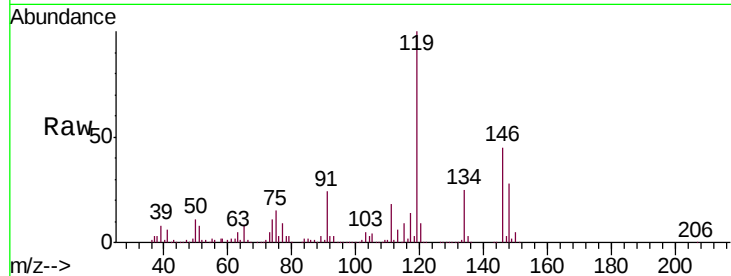




#87
 1,3-Dichlorobenzene
 Concen: 19.415 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

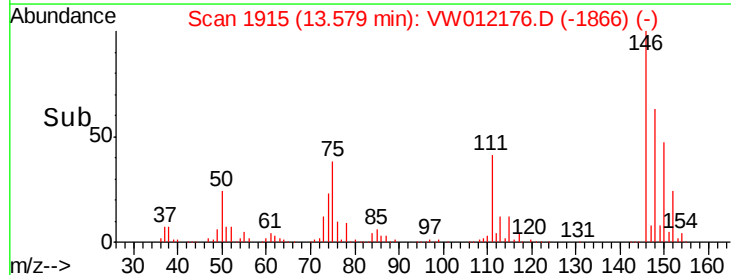
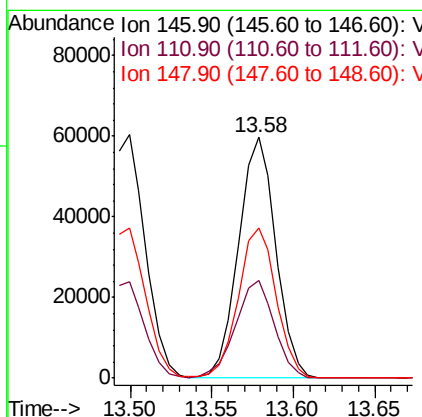
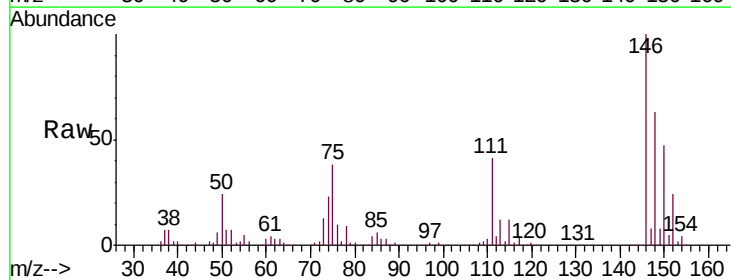
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

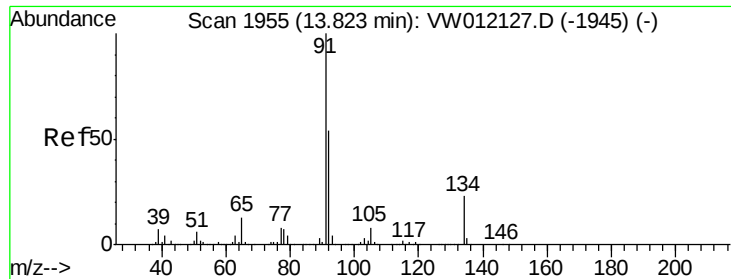
Tgt Ion:146 Resp: 96797
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.9 62.7
 148 63.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.141 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

Tgt Ion:146 Resp: 94756
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.0 60.0
 148 63.7 32.1 96.3





#89

n-Butylbenzene

Concen: 19.245 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012176.D

Acq: 26 Aug 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS02

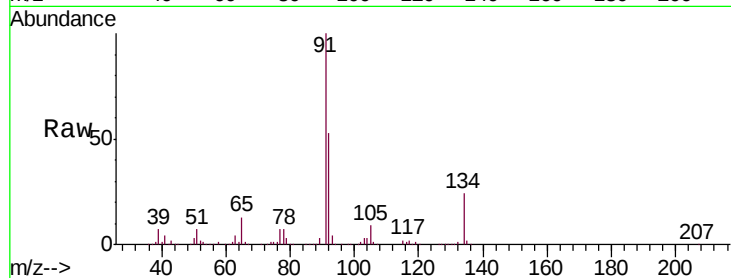
Tgt Ion: 91 Resp: 204207

Ion Ratio Lower Upper

91 100

92 53.2 27.1 81.2

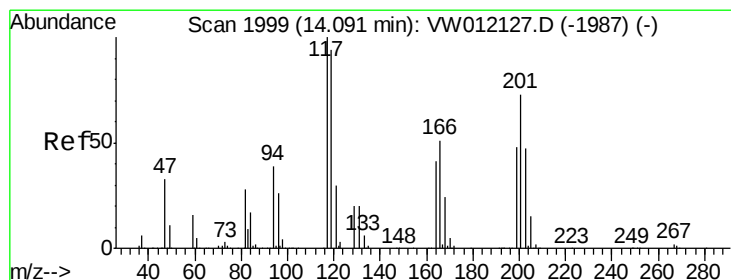
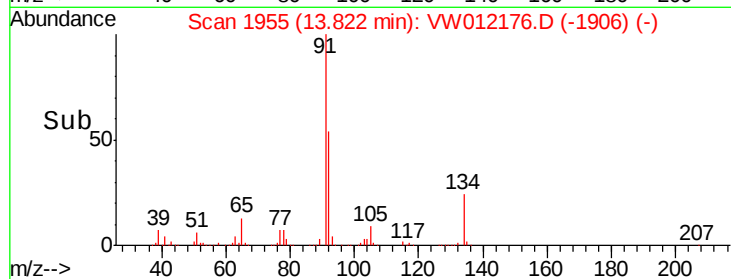
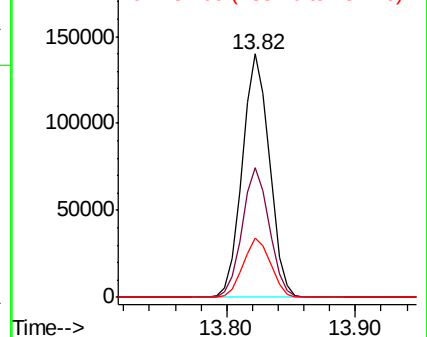
134 24.6 12.2 36.4



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): V



#90

Hexachloroethane

Concen: 19.077 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012176.D

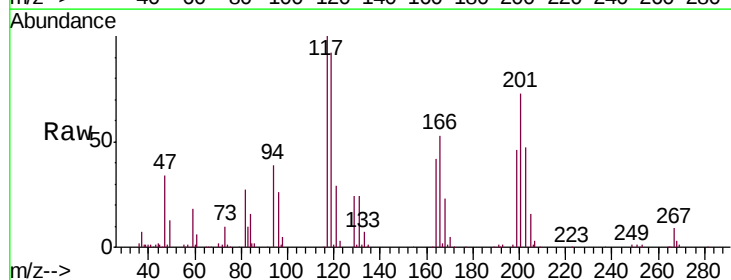
Acq: 26 Aug 2019 17:48

Tgt Ion: 117 Resp: 35714

Ion Ratio Lower Upper

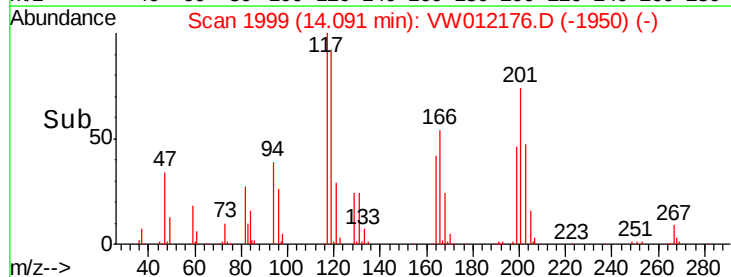
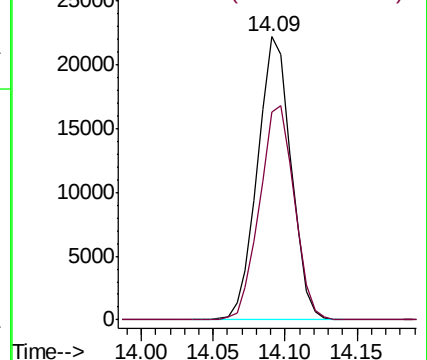
117 100

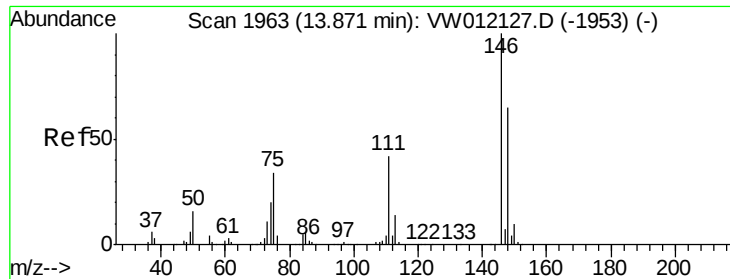
201 78.4 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

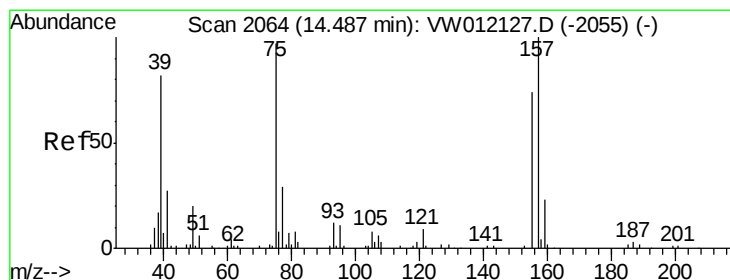
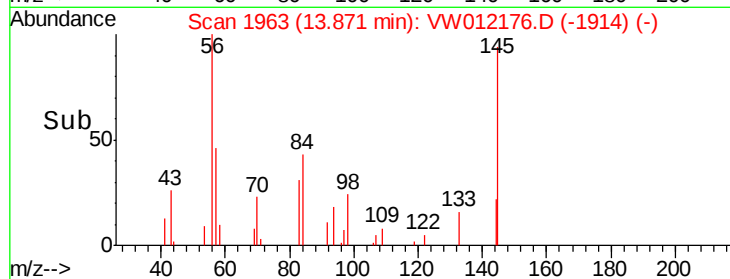
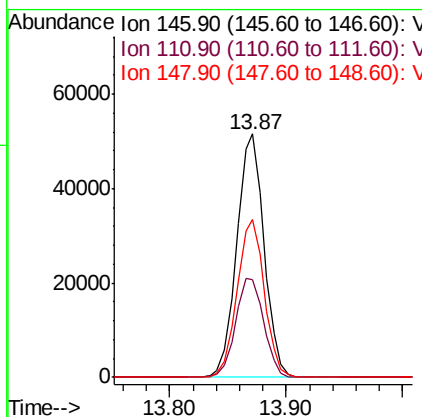
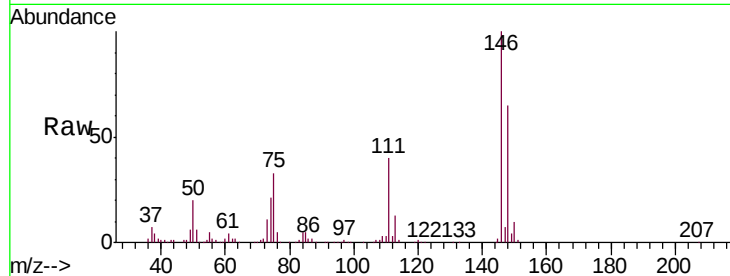




#91
 1,2-Dichlorobenzene
 Concen: 19.265 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

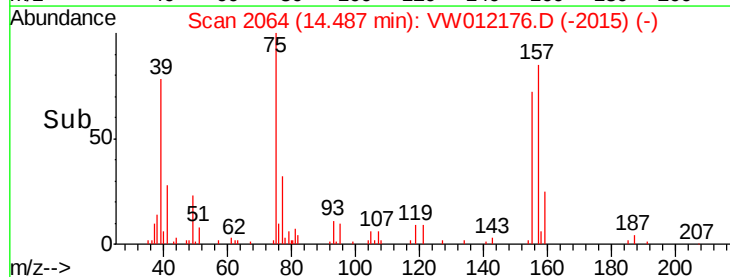
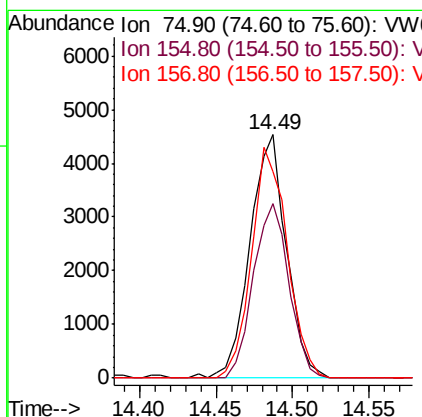
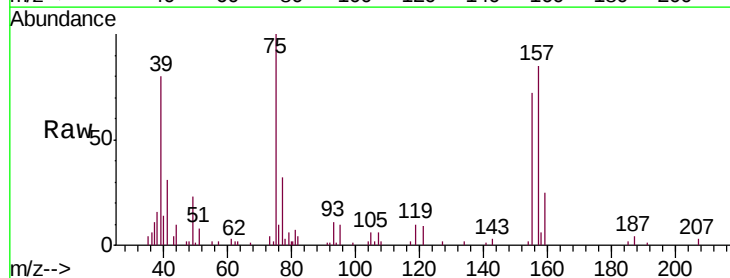
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

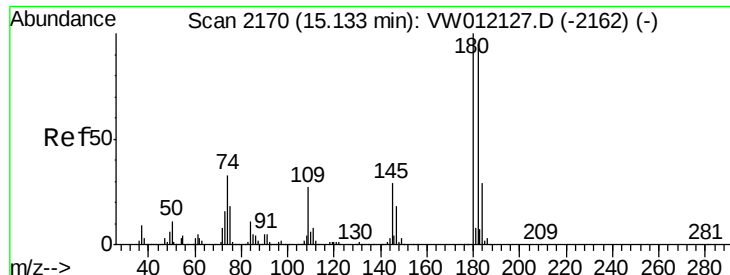
Tgt Ion:146 Resp: 84259
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.2 63.6
 148 64.4 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.711 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

Tgt Ion: 75 Resp: 7542
 Ion Ratio Lower Upper
 75 100
 155 69.7 37.5 112.3
 157 92.5 50.5 151.5

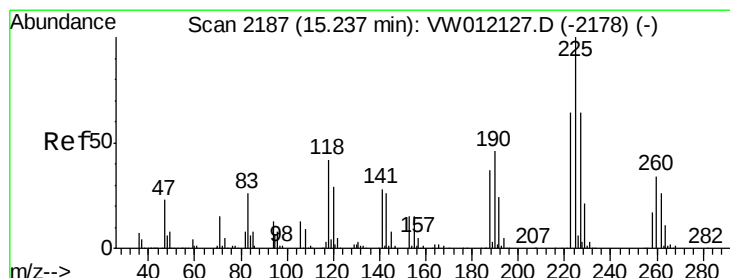
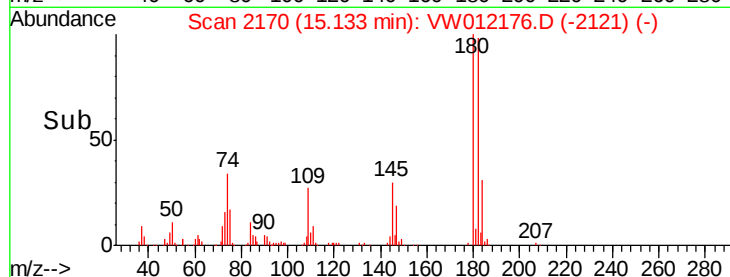
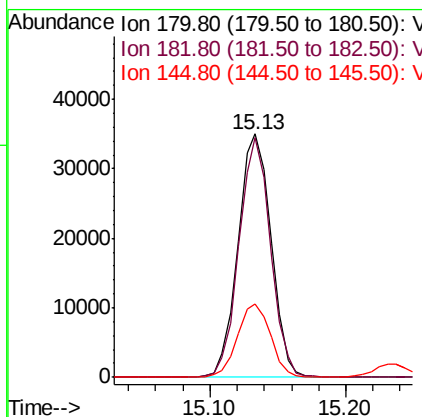
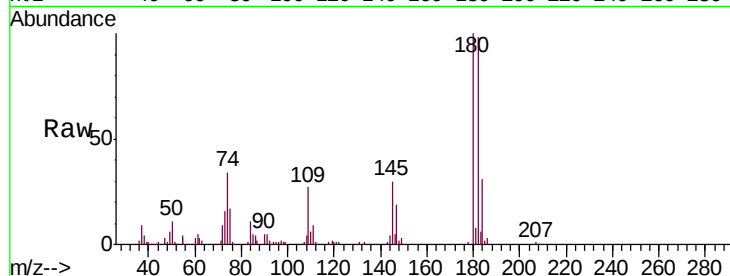




#93
 1,2,4-Trichlorobenzene
 Concen: 19.635 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

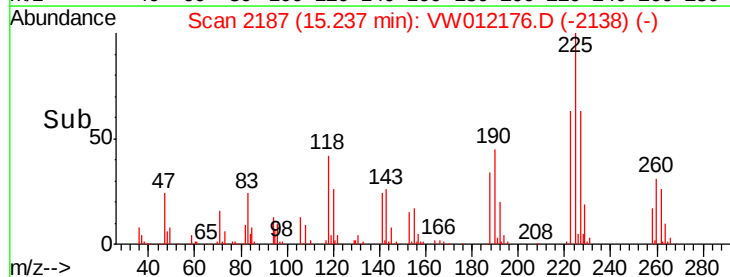
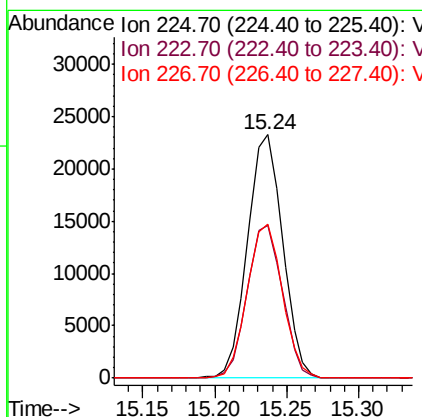
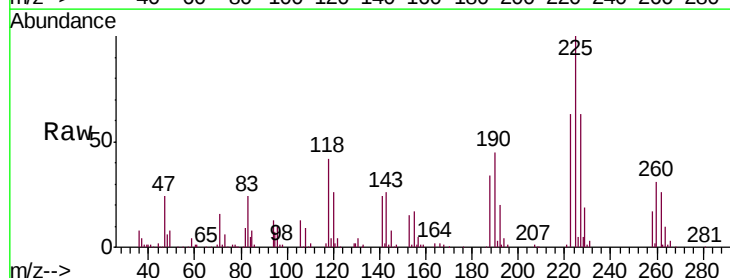
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS02

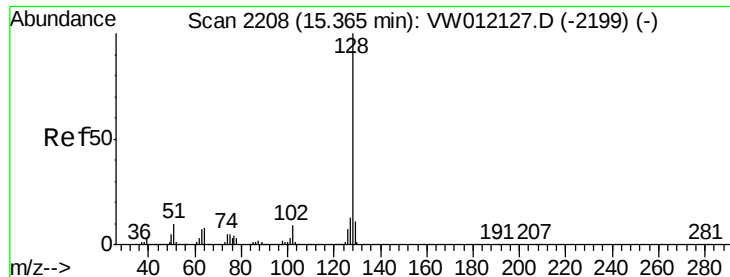
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.8	143.4
145	30.4	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 19.698 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012176.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.3	96.8
227	63.6	32.9	98.6

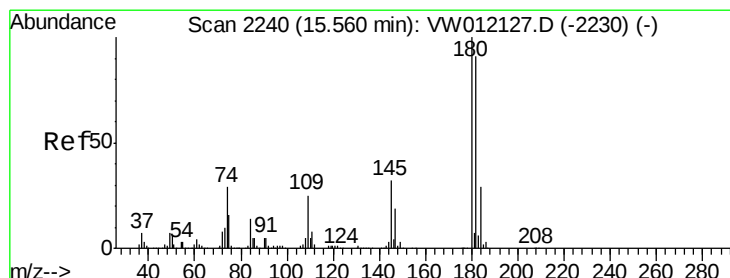
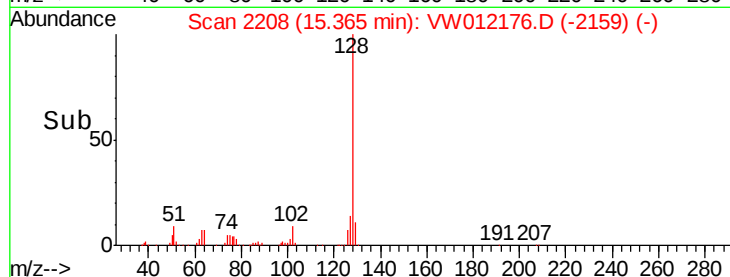
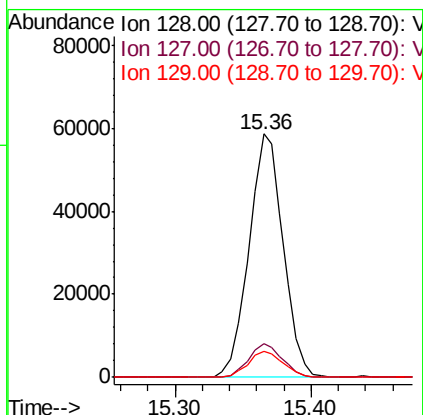
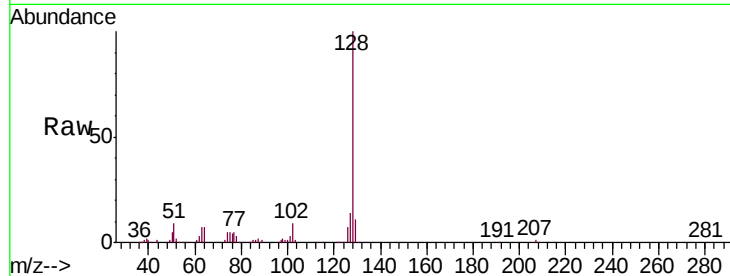




#95
Naphthalene
Concen: 20.248 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.257 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012176.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.1	141.3
145	32.8	16.2	48.5

