

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011517.D
 Acq On : 26 Jul 2019 15:49
 Operator : SY/VA
 Sample : VW0727SBS01
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

Quant Time: Jul 27 05:30:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	433544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	183537	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	155256	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	7.88	113	122779	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.32	98	515102	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.62	95	182642	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	34732	23.419	ug/l	99
3) Chloromethane	2.21	50	54136	21.051	ug/l	97
4) Vinyl Chloride	2.35	62	66022	21.324	ug/l	98
5) Bromomethane	2.75	94	30847	17.999	ug/l	98
6) Chloroethane	2.89	64	29648	16.764	ug/l	99
7) Trichlorofluoromethane	3.23	101	27333	19.753	ug/l	94
8) Diethyl Ether	3.68	74	31341	19.977	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	52847	20.133	ug/l	99
10) Methyl Iodide	4.26	142	70655	19.047	ug/l	100
11) Tert butyl alcohol	5.19	59	15113	52.962	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	55562	20.048	ug/l	99
13) Acrolein	3.89	56	21821	99.522	ug/l	100
14) Allyl chloride	4.65	41	118635	20.126	ug/l	99
15) Acrylonitrile	5.36	53	77966	99.552	ug/l	100
16) Acetone	4.12	43	78192	80.442	ug/l	97
17) Carbon Disulfide	4.37	76	162324	18.713	ug/l	100
18) Methyl Acetate	4.67	43	44892	20.558	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	92450	21.021	ug/l	94
20) Methylene Chloride	4.90	84	65374	19.501	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	61030	20.425	ug/l	98
22) Diisopropyl ether	6.31	45	229985	20.694	ug/l	99
23) Vinyl Acetate	6.24	43	698684	100.051	ug/l	99
24) 1,1-Dichloroethane	6.21	63	121252	20.371	ug/l	99
25) 2-Butanone	7.16	43	116645	91.708	ug/l	100
26) 2,2-Dichloropropane	7.16	77	68140	18.615	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	65979	20.063	ug/l	97
28) Bromochloromethane	7.51	49	55880	21.151	ug/l	99
29) Tetrahydrofuran	7.53	42	71231	97.974	ug/l	98
30) Chloroform	7.67	83	109517	19.944	ug/l	99
31) Cyclohexane	7.95	56	118122	20.674	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	83850	20.051	ug/l	99
36) 1,1-Dichloropropene	8.08	75	93167	20.667	ug/l	99
37) Ethyl Acetate	7.24	43	51635	19.909	ug/l	98
38) Carbon Tetrachloride	8.07	117	76749	19.887	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	104967	21.146	ug/l	98
40) Benzene	8.32	78	256731	20.331	ug/l	99
41) Methacrylonitrile	7.48	41	31256	20.160	ug/l	96
42) 1,2-Dichloroethane	8.40	62	79846	20.197	ug/l	99
43) Isopropyl Acetate	8.42	43	93700	19.644	ug/l	100
44) Trichloroethene	9.09	130	62441	20.574	ug/l	95
45) 1,2-Dichloropropane	9.37	63	68187	20.182	ug/l	100
46) Dibromomethane	9.46	93	30630	19.863	ug/l	99
47) Bromodichloromethane	9.64	83	78292	19.355	ug/l	97
48) Methyl methacrylate	9.43	41	45327	19.783	ug/l	99
49) 1,4-Dioxane	9.46	88	7400	331.417	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	246541	99.370	ug/l	100
52) Toluene	10.38	92	156834	20.567	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	82041	19.416	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	99849	19.874	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	43581	19.918	ug/l	98
56) Ethyl methacrylate	10.65	69	62637	19.564	ug/l	99
57) 1,3-Dichloropropane	10.93	76	84173	20.334	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	167809	115.435	ug/l	100
59) 2-Hexanone	10.97	43	168445	96.157	ug/l	100
60) Dibromochloromethane	11.13	129	46877	19.301	ug/l	99
61) 1,2-Dibromoethane	11.23	107	41816	20.195	ug/l	99
64) Tetrachloroethene	10.86	164	52835	21.387	ug/l	97
65) Chlorobenzene	11.66	112	154717	20.283	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	53005	19.949	ug/l	99
67) Ethyl Benzene	11.73	91	299706	20.630	ug/l	96
68) m/p-Xylenes	11.84	106	222015	42.021	ug/l	98
69) o-Xylene	12.16	106	101399	20.653	ug/l	99
70) Styrene	12.18	104	176099	20.745	ug/l	99
71) Bromoform	12.35	173	26238	19.368	ug/l #	99
73) Isopropylbenzene	12.46	105	286067	20.893	ug/l	100
74) N-amyl acetate	12.27	43	84098	19.618	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	52722	20.470	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	68372	35.206	ug/l #	100
77) Bromobenzene	12.75	156	62287	20.581	ug/l	100
78) n-propylbenzene	12.80	91	351716	21.107	ug/l	100
79) 2-Chlorotoluene	12.89	91	200499	20.885	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	243020	21.173	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15999	18.986	ug/l	95
82) 4-Chlorotoluene	12.99	91	210582	20.907	ug/l	99
83) tert-Butylbenzene	13.21	119	203946	21.249	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	241060	20.849	ug/l	100
85) sec-Butylbenzene	13.38	105	293068	21.399	ug/l	100
86) p-Isopropyltoluene	13.50	119	261691	21.060	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	121465	20.469	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	122131	20.689	ug/l	99
89) n-Butylbenzene	13.82	91	263271	21.231	ug/l	100
90) Hexachloroethane	14.10	117	44818	20.397	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	109064	20.780	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8739	19.898	ug/l	95

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

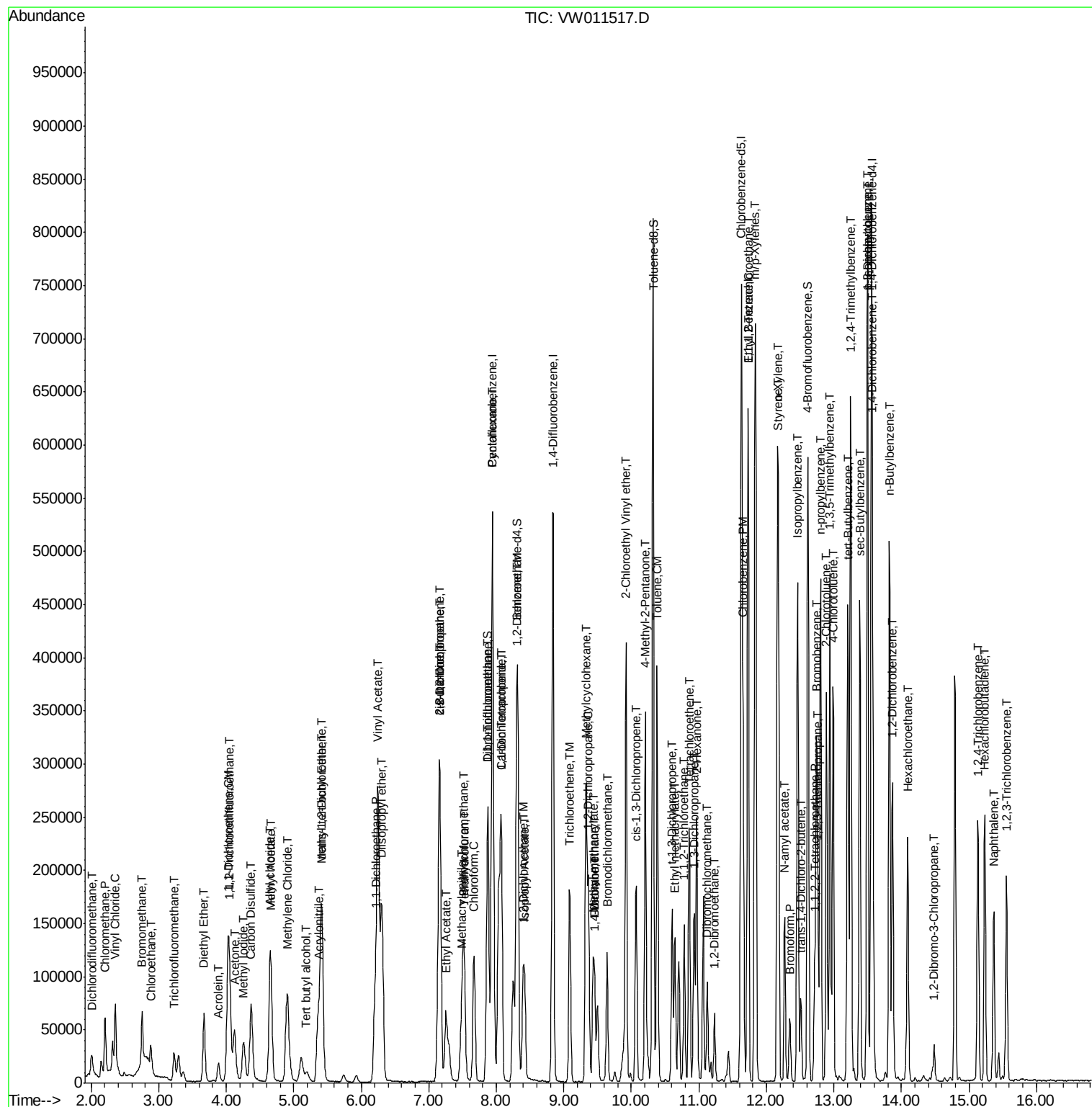
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	77001	20.817	ug/l	100
94) Hexachlorobutadiene	15.24	225	48685	21.106	ug/l	99
95) Naphthalene	15.37	128	133084	19.674	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	65051	20.063	ug/l	99

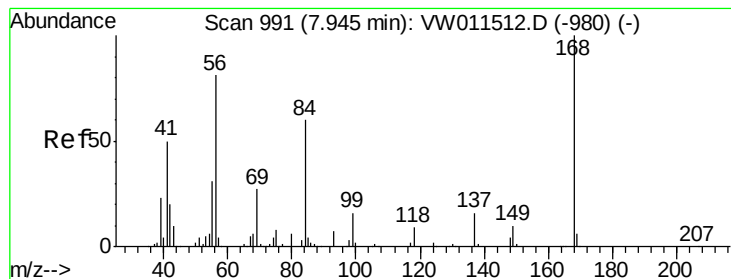
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072719\
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Instrument :
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ClientSampleId :
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Quant Time: Jul 27 05:30:22 2019
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampled :

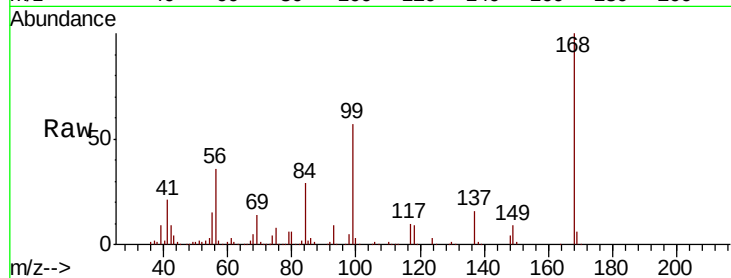
VW0727SBS01

Tot Ion:168 Resp: 266115

Ion Ratio Lower Upper

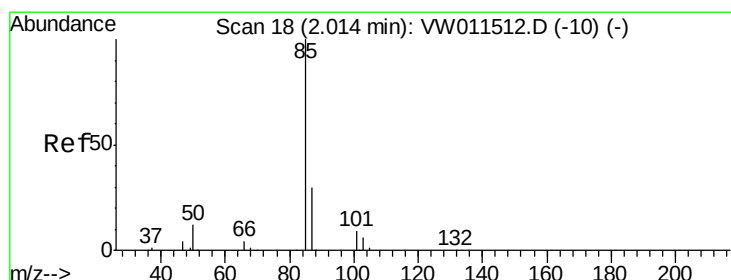
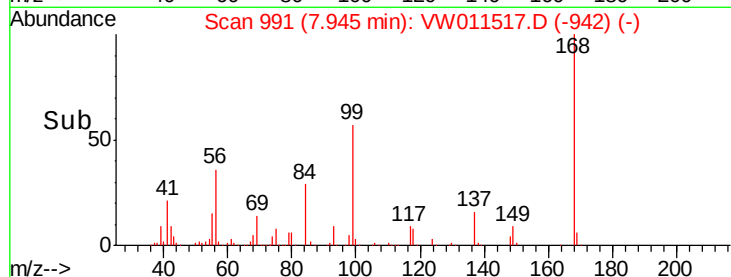
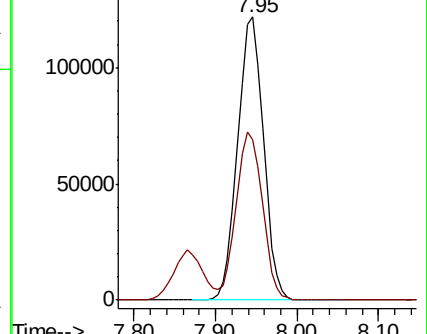
168 100

99 56.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 23.419 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011517.D

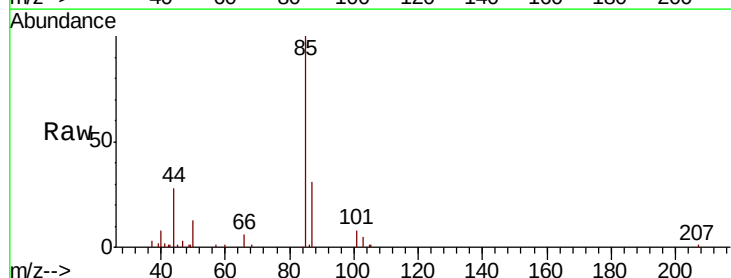
Acq: 26 Jul 2019 15:49

Tgt Ion: 85 Resp: 34732

Ion Ratio Lower Upper

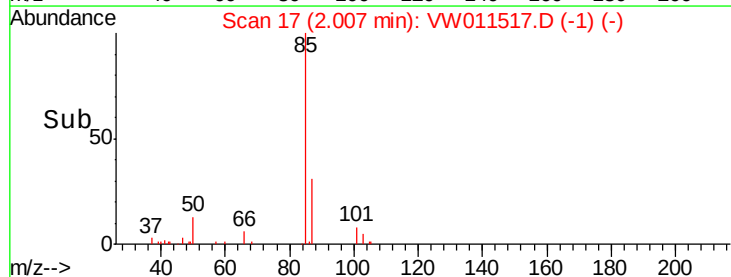
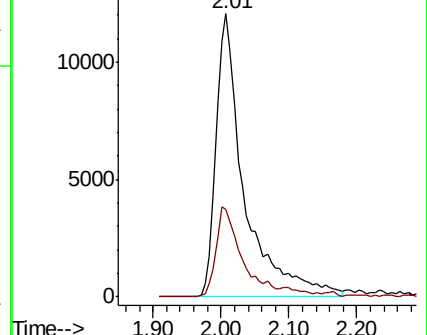
85 100

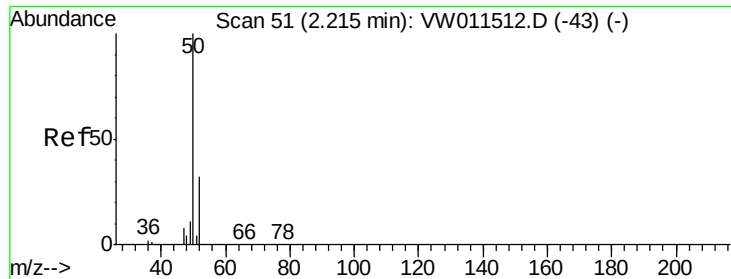
87 30.7 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

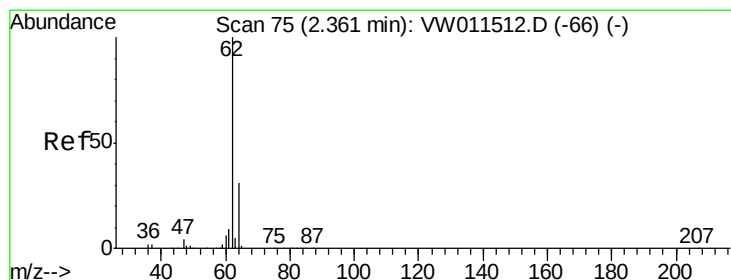
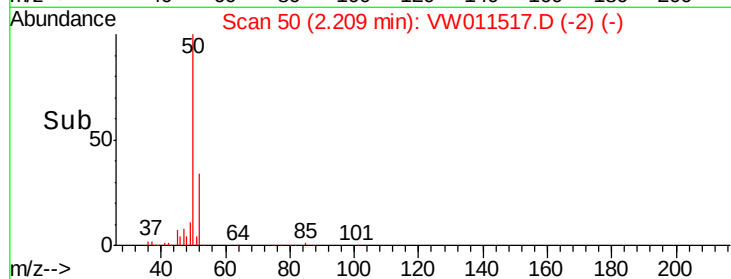
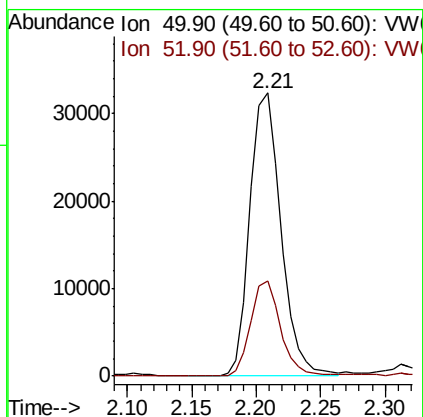
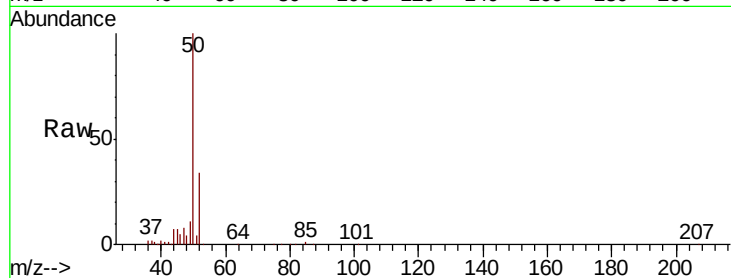




#3
Chloromethane
Concen: 21.051 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

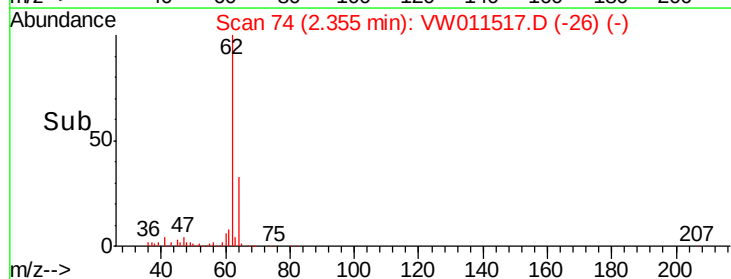
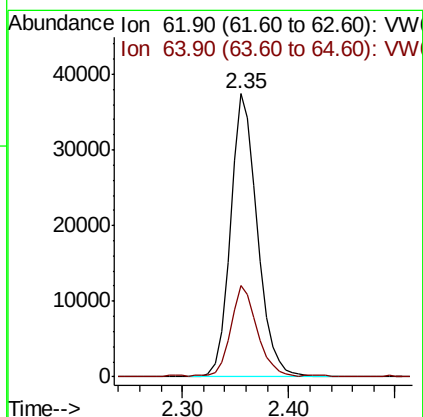
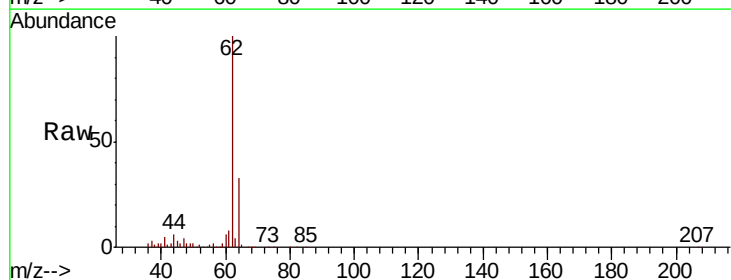
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

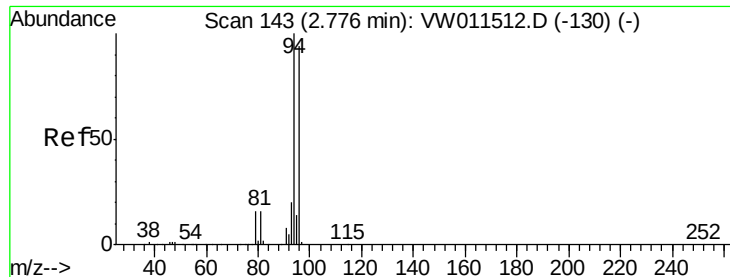
Tot Ion: 50 Resp: 54136
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2



#4
Vinyl Chloride
Concen: 21.324 ug/l
RT: 2.35 min Scan# 74
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion: 62 Resp: 66022
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.4





#5

Bromomethane

Concen: 17.999 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

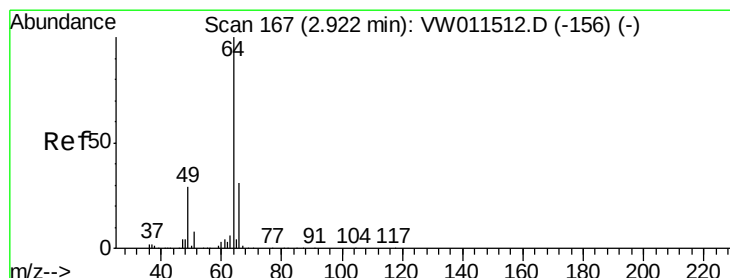
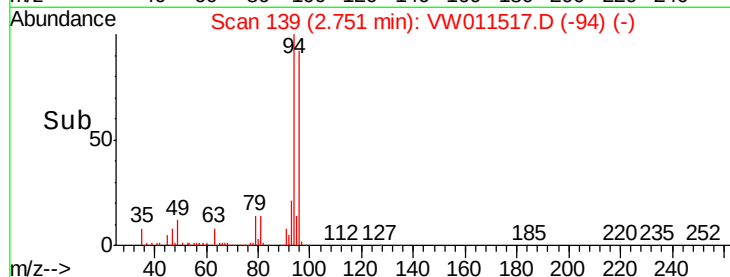
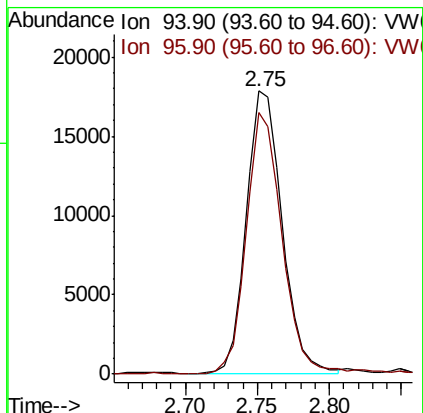
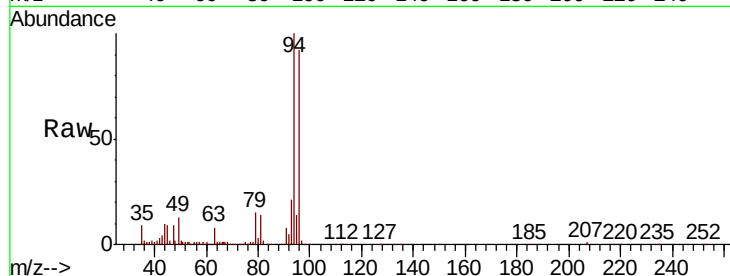
VW0727SBS01

Tot Ion: 94 Resp: 30847

Ion Ratio Lower Upper

94 100

96 92.0 75.0 112.6



#6

Chloroethane

Concen: 16.764 ug/l

RT: 2.89 min Scan# 161

Delta R.T. -0.04 min

Lab File: VW011517.D

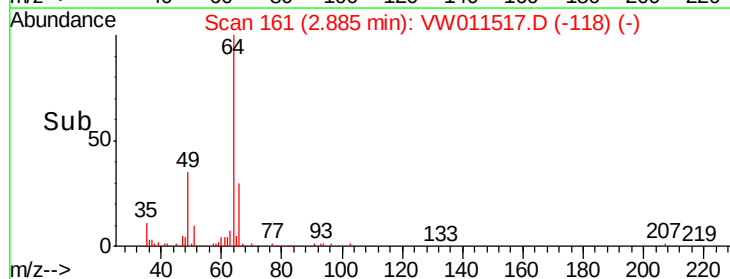
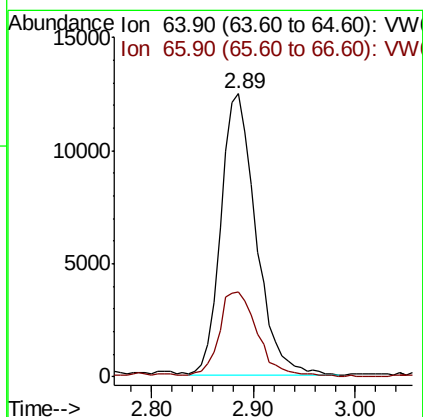
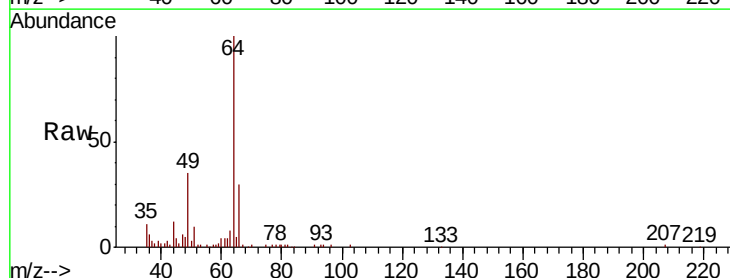
Acq: 26 Jul 2019 15:49

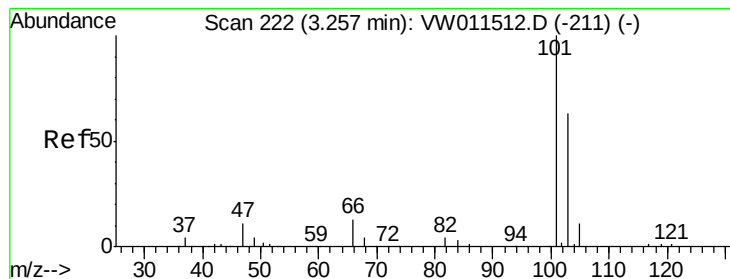
Tgt Ion: 64 Resp: 29648

Ion Ratio Lower Upper

64 100

66 30.1 24.6 36.8



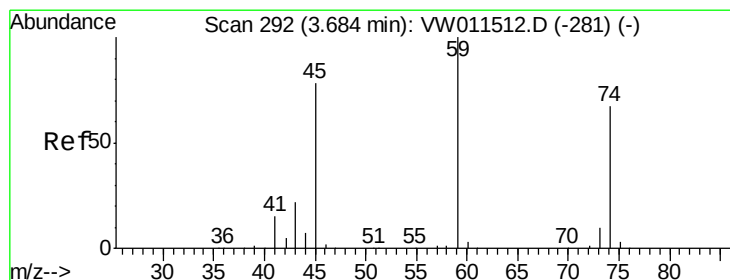
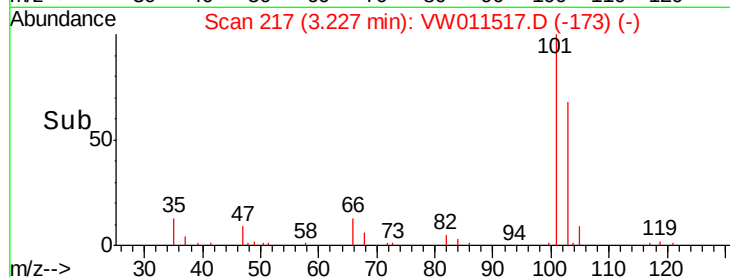
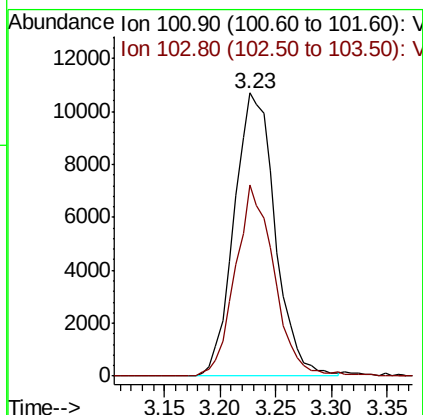
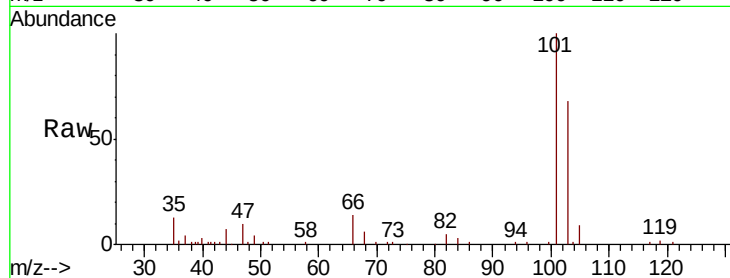


#7

Trichlorofluoromethane
 Concen: 19.753 ug/l
 RT: 3.23 min Scan# 217
 Delta R.T. -0.03 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

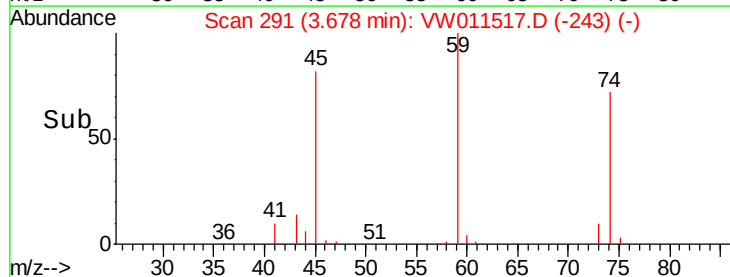
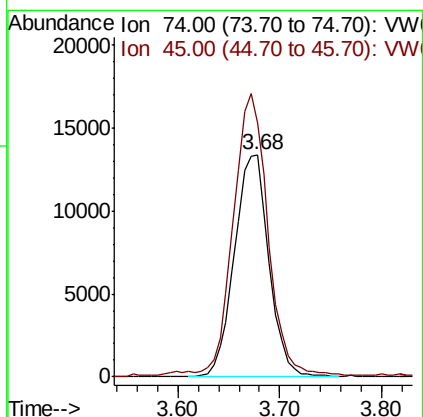
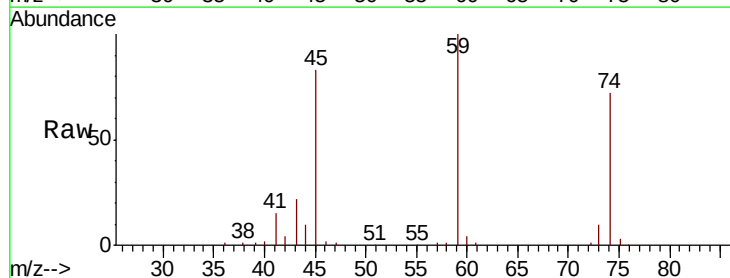
Tot Ion:101 Resp: 27333
 Ion Ratio Lower Upper
 101 100
 103 67.6 50.2 75.4

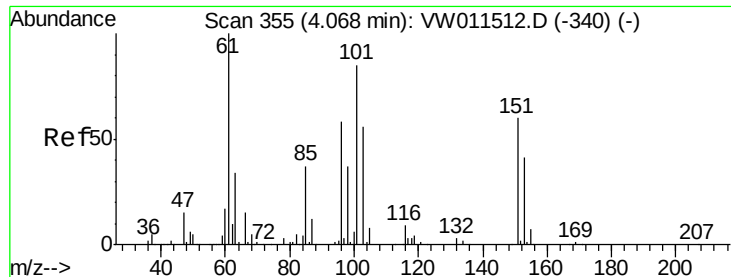


#8

Diethyl Ether
 Concen: 19.977 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion: 74 Resp: 31341
 Ion Ratio Lower Upper
 74 100
 45 126.2 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.133 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.02 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

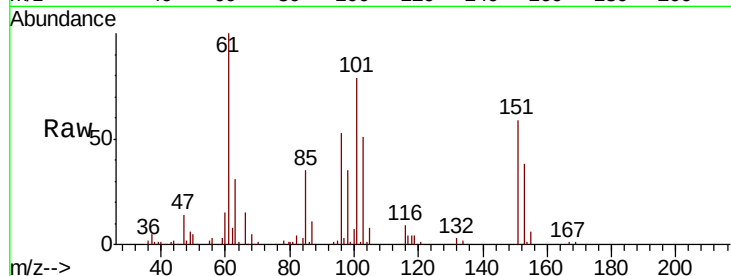
Tot Ion:101 Resp: 52847

Ion Ratio Lower Upper

101 100

85 44.7 36.6 54.8

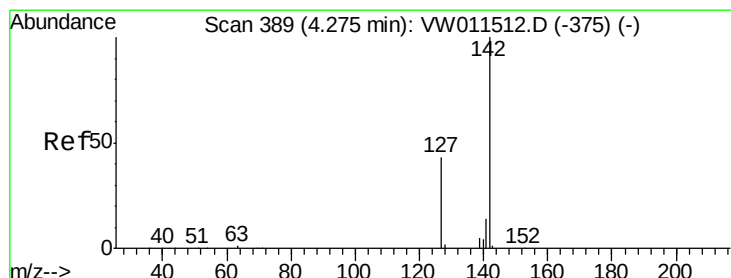
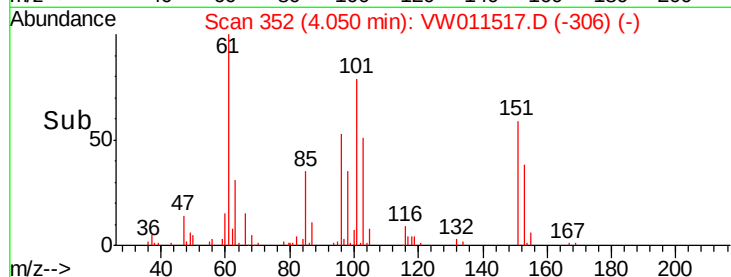
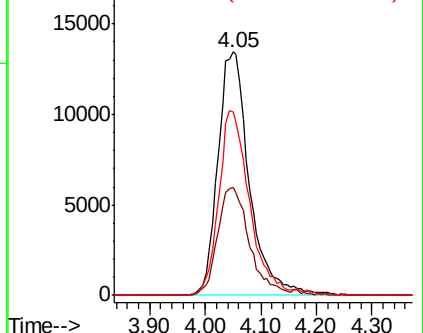
151 74.6 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.047 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.02 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

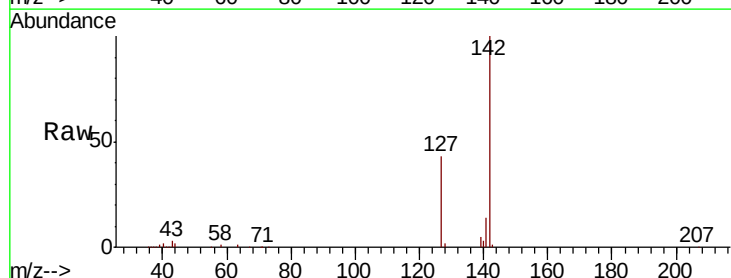
Tgt Ion:142 Resp: 70655

Ion Ratio Lower Upper

142 100

127 43.8 35.0 52.6

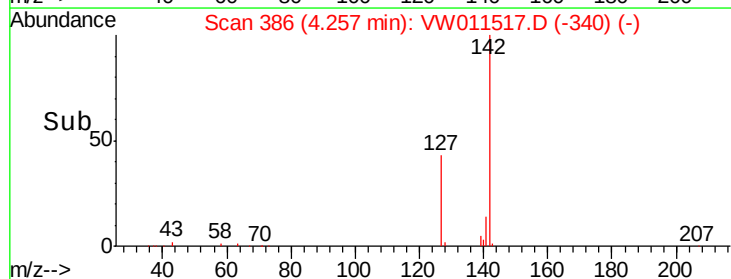
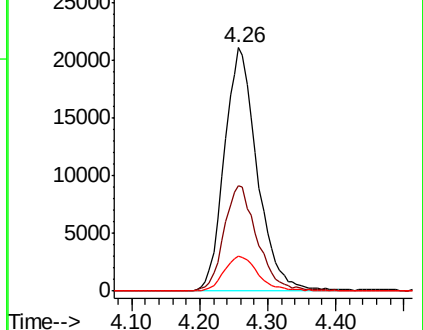
141 14.8 11.9 17.9

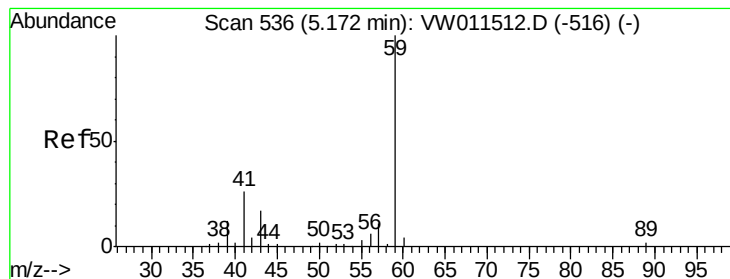


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



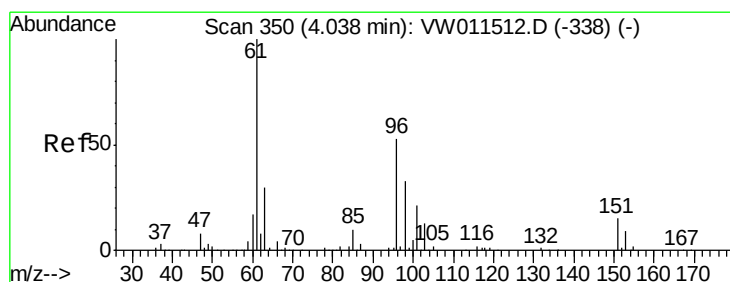
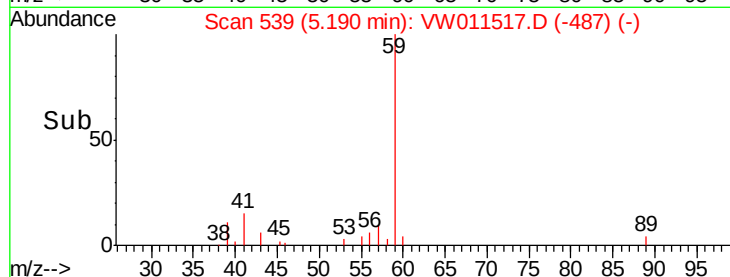
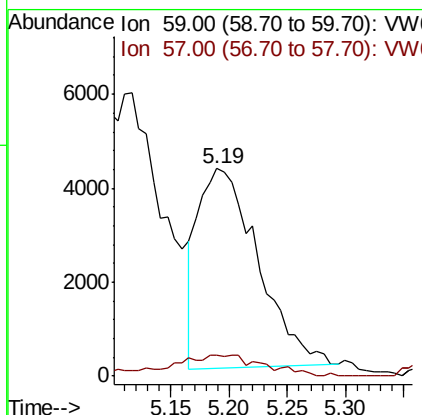
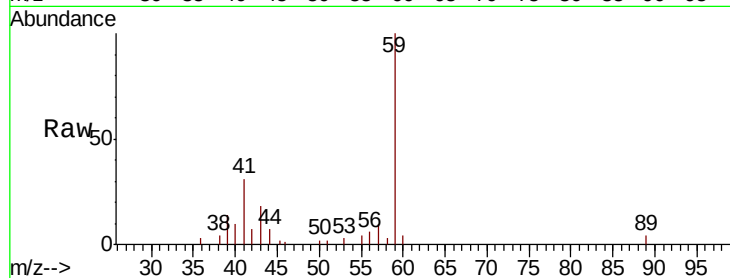


#11

Tert butyl alcohol
 Concen: 52.962 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

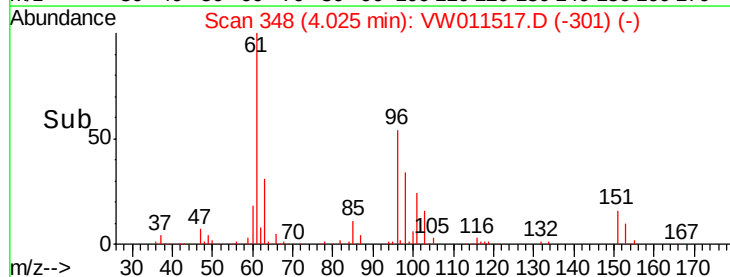
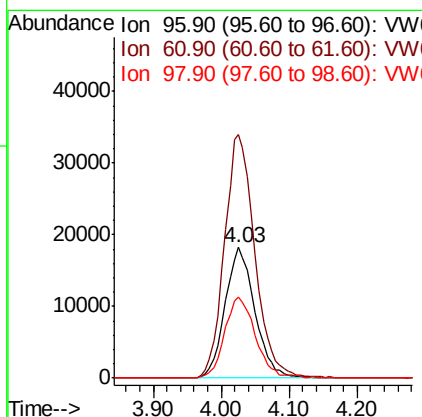
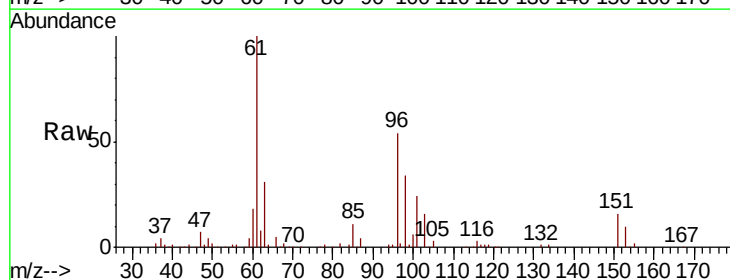
Tot Ion: 59 Resp: 15113
 Ion Ratio Lower Upper
 59 100
 57 14.3 8.5 12.7#

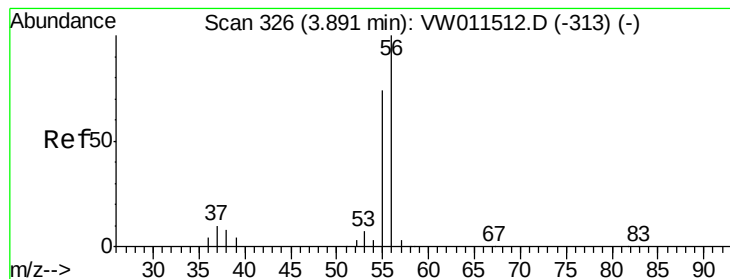


#12

1,1-Dichloroethene
 Concen: 20.048 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion: 96 Resp: 55562
 Ion Ratio Lower Upper
 96 100
 61 186.4 149.9 224.9
 98 62.6 49.1 73.7





#13

Acrolein

Concen: 99.522 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

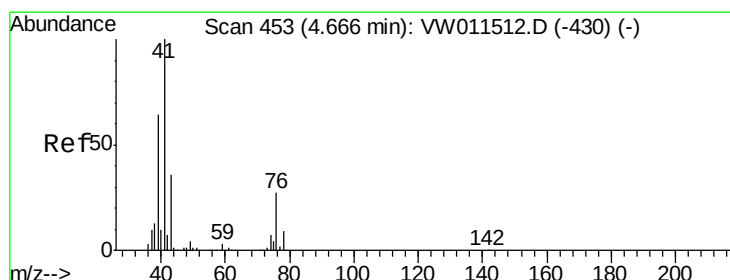
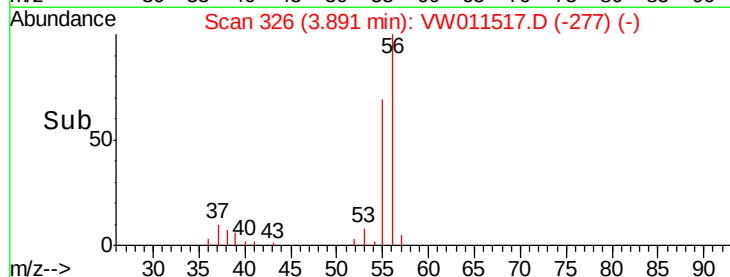
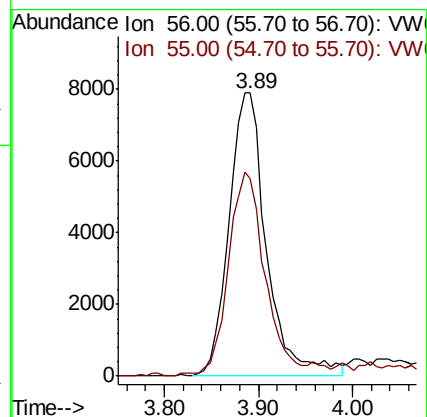
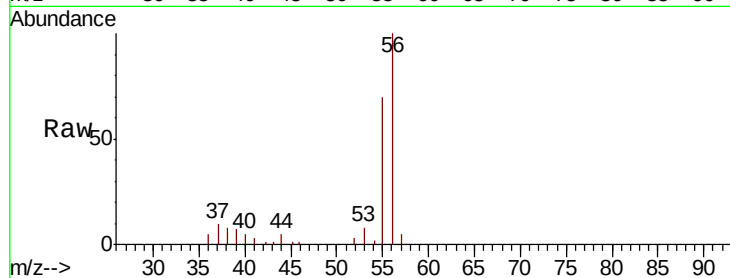
VW0727SBS01

Tot Ion: 56 Resp: 21821

Ion Ratio Lower Upper

56 100

55 70.0 56.0 84.0



#14

Allyl chloride

Concen: 20.126 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

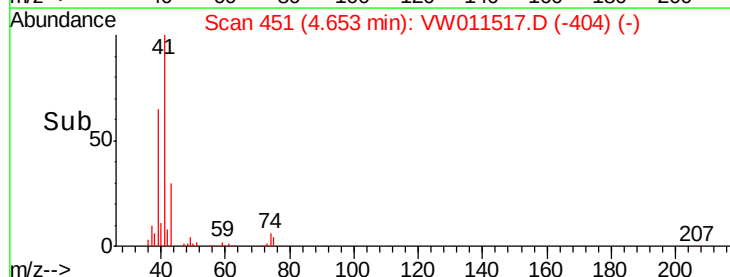
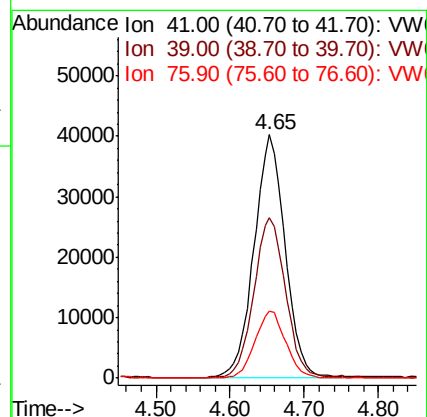
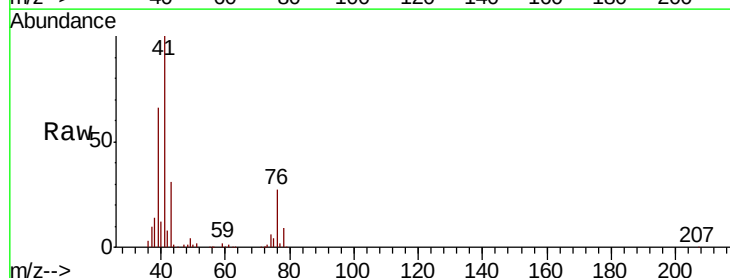
Tgt Ion: 41 Resp: 118635

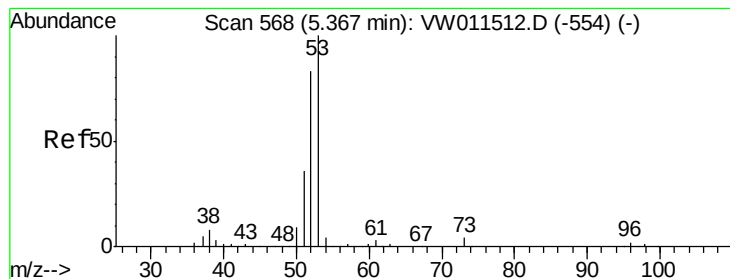
Ion Ratio Lower Upper

41 100

39 66.3 52.6 78.8

76 27.1 22.0 33.0





#15

Acrylonitrile

Concen: 99.552 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

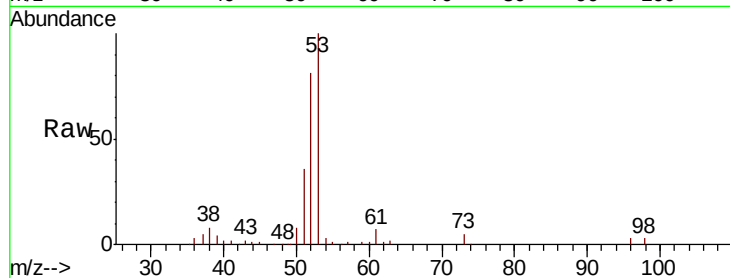
Tot Ion: 53 Resp: 77966

Ion Ratio Lower Upper

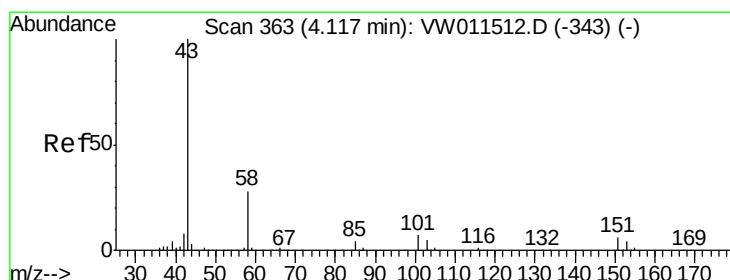
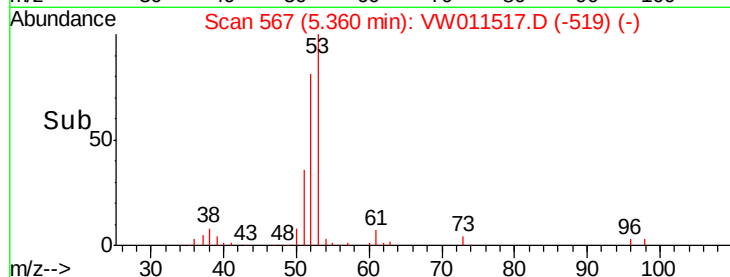
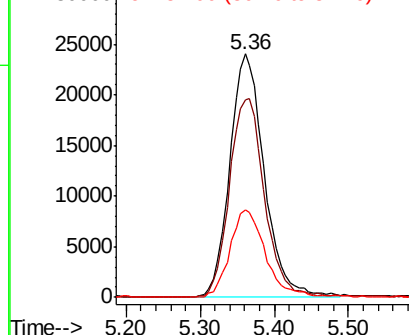
53 100

52 84.0 67.2 100.8

51 37.2 30.0 45.0



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



#16

Acetone

Concen: 80.442 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011517.D

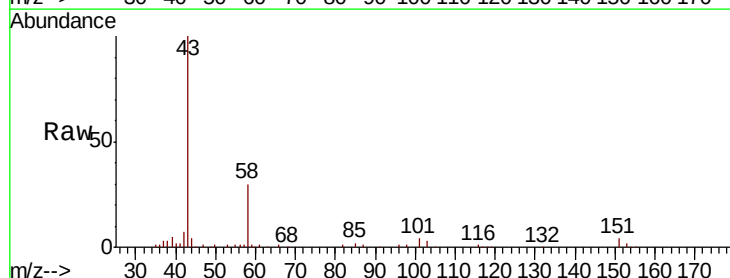
Acq: 26 Jul 2019 15:49

Tgt Ion: 43 Resp: 78192

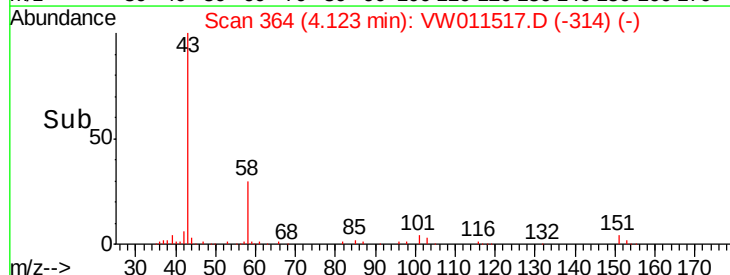
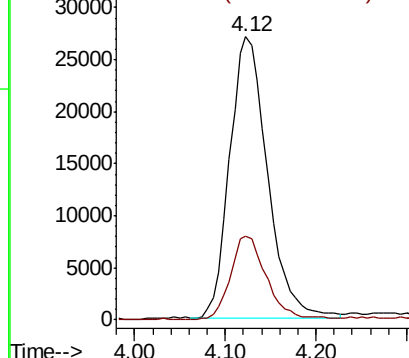
Ion Ratio Lower Upper

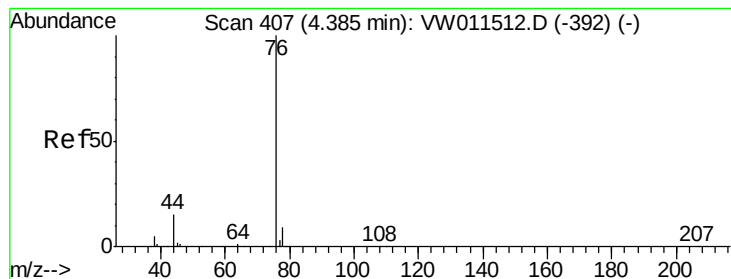
43 100

58 29.3 22.3 33.5



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





#17

Carbon Disulfide

Concen: 18.713 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.02 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

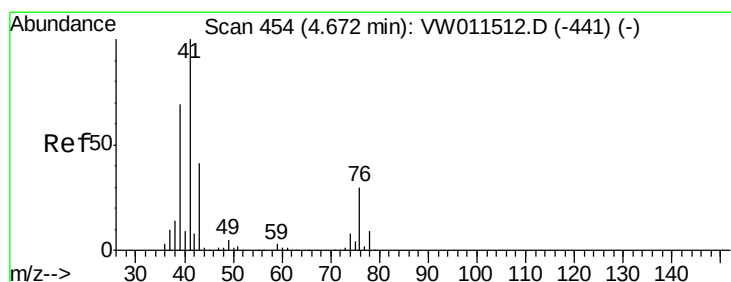
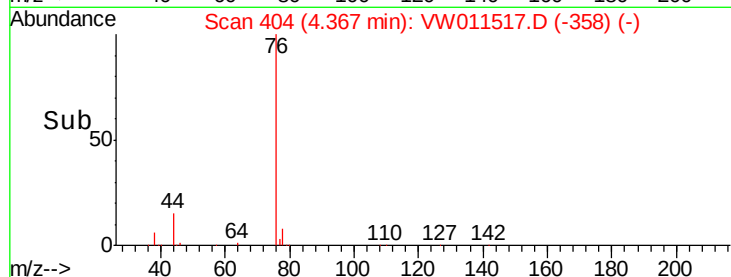
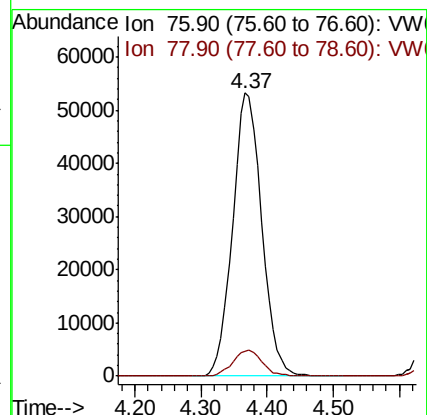
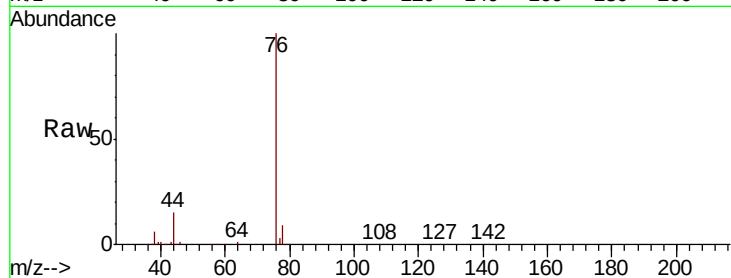
VW0727SBS01

Tot Ion: 76 Resp: 162324

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 20.558 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011517.D

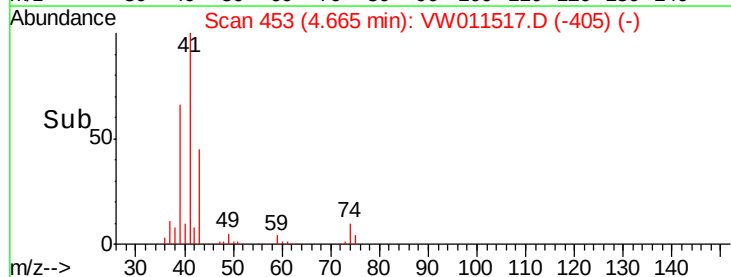
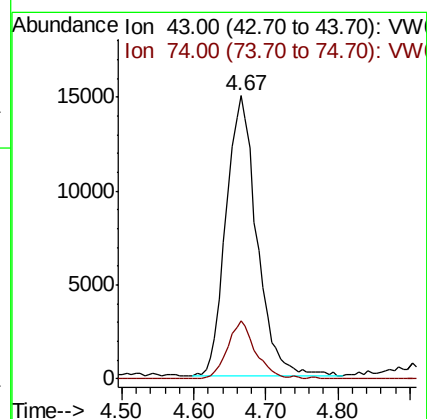
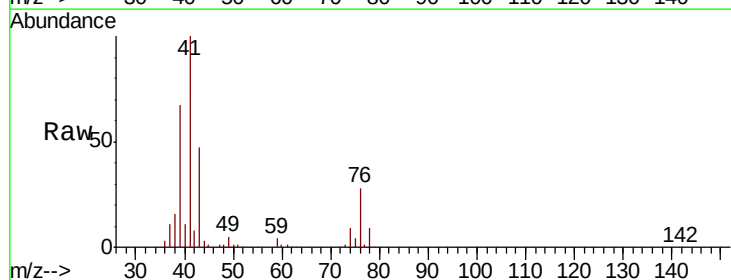
Acq: 26 Jul 2019 15:49

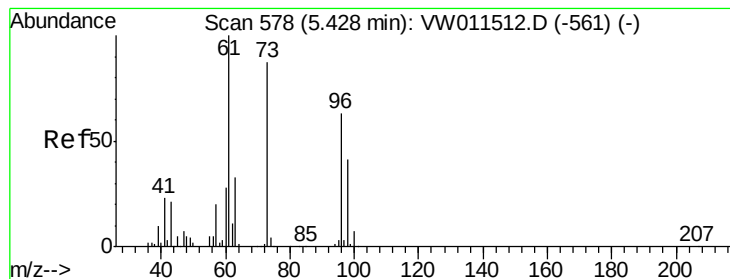
Tgt Ion: 43 Resp: 44892

Ion Ratio Lower Upper

43 100

74 18.8 15.9 23.9



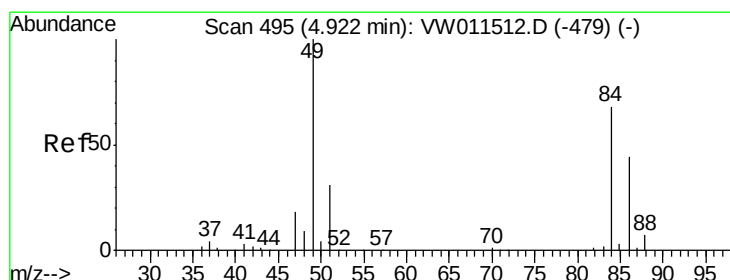
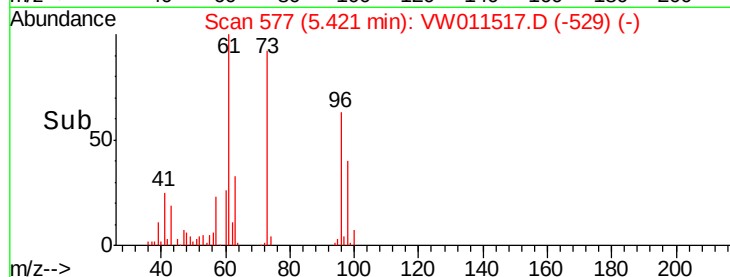
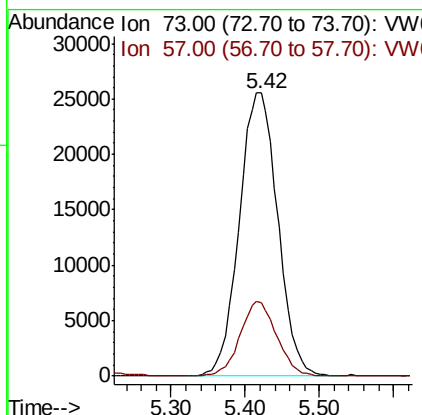
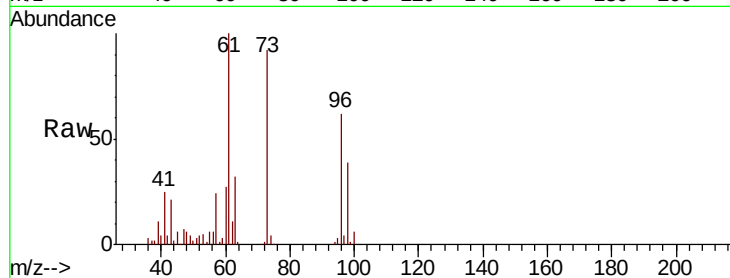


#19

Methyl tert-butyl Ether
 Concen: 21.021 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

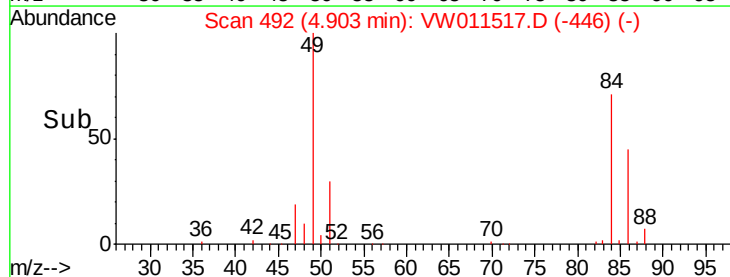
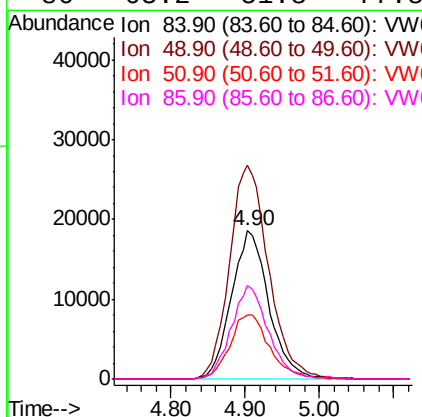
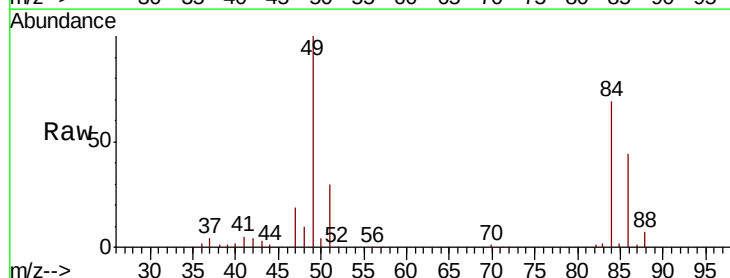
Tot Ion: 73 Resp: 92450
 Ion Ratio Lower Upper
 73 100
 57 25.9 18.4 27.6

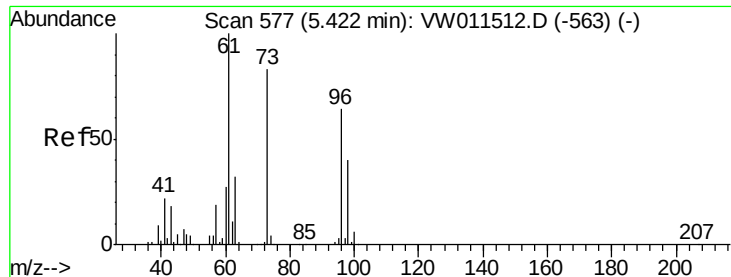


#20

Methylene Chloride
 Concen: 19.501 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion: 84 Resp: 65374
 Ion Ratio Lower Upper
 84 100
 49 144.4 117.8 176.6
 51 43.3 37.0 55.4
 86 63.2 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 20.425 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

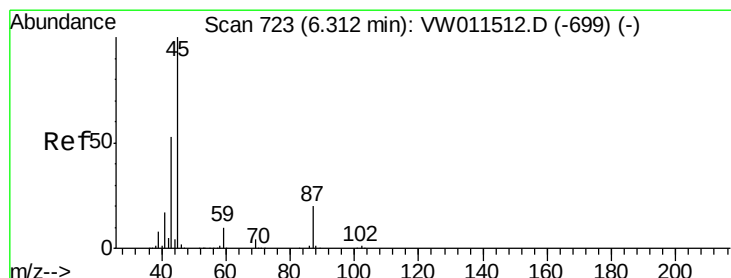
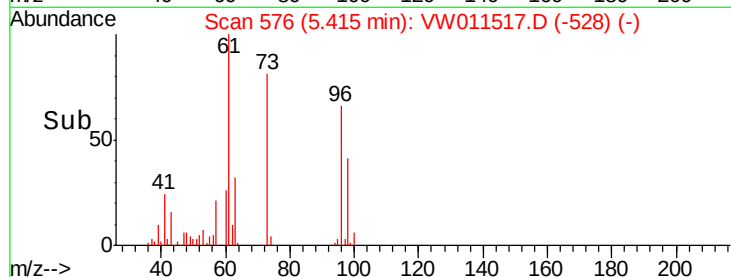
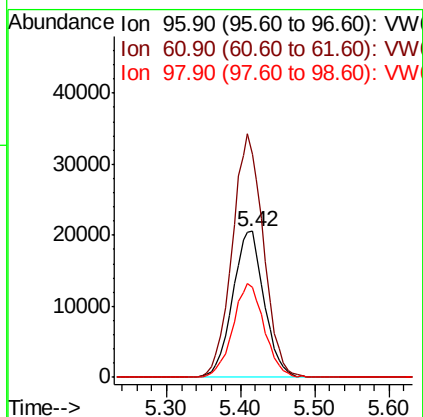
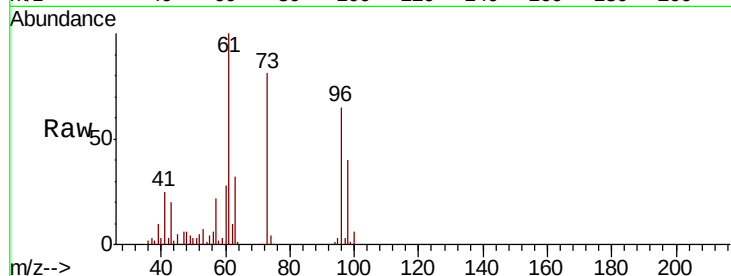
Tot Ion: 96 Resp: 61030

Ion Ratio Lower Upper

96 100

61 153.2 125.7 188.5

98 62.0 50.3 75.5



#22

Diisopropyl ether

Concen: 20.694 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Tgt Ion: 45 Resp: 229985

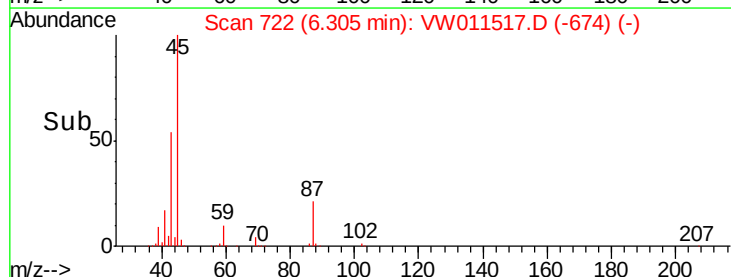
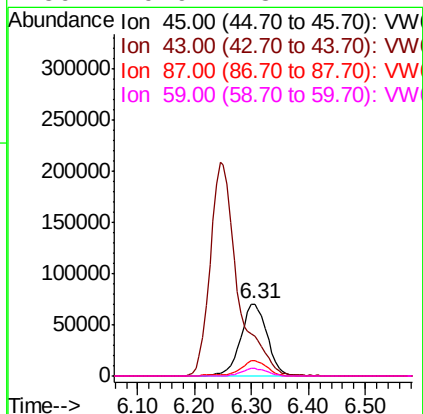
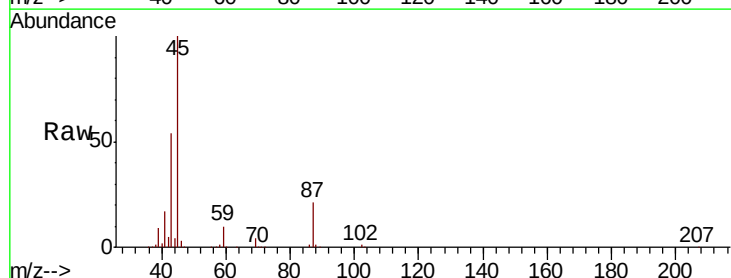
Ion Ratio Lower Upper

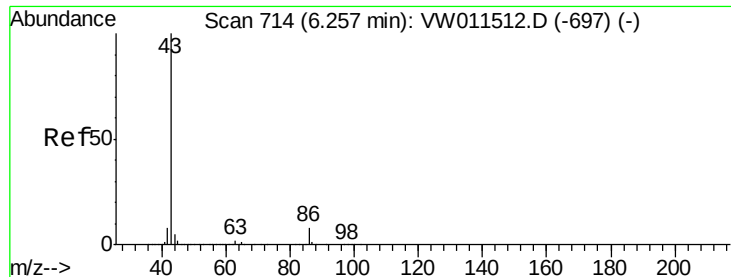
45 100

43 53.8 42.6 63.8

87 20.8 16.4 24.6

59 9.9 8.2 12.2





#23

Vinyl Acetate

Concen: 100.051 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

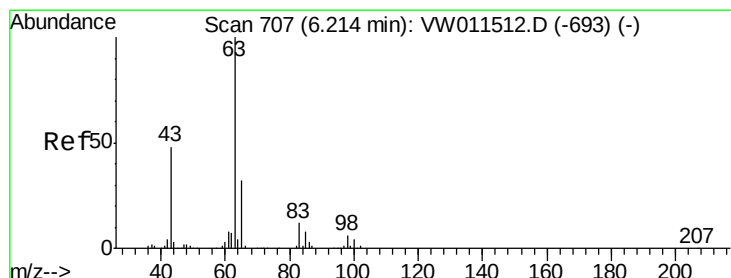
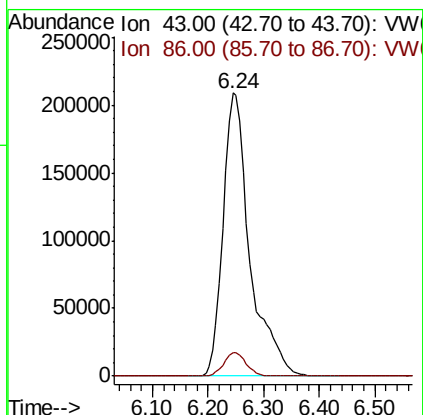
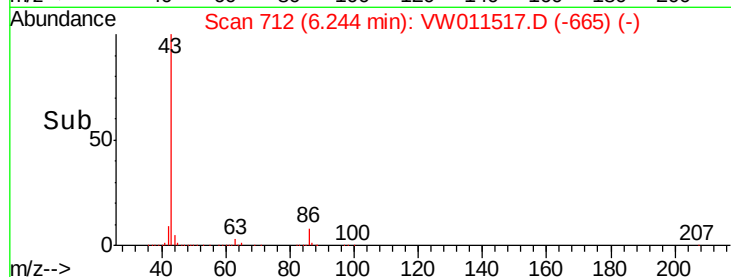
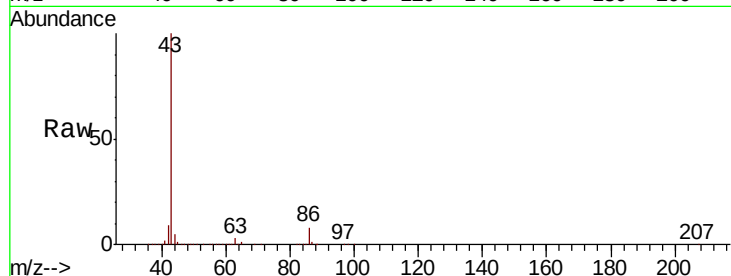
VW0727SBS01

Tot Ion: 43 Resp: 698684

Ion Ratio Lower Upper

43 100

86 8.3 6.5 9.7



#24

1,1-Dichloroethane

Concen: 20.371 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

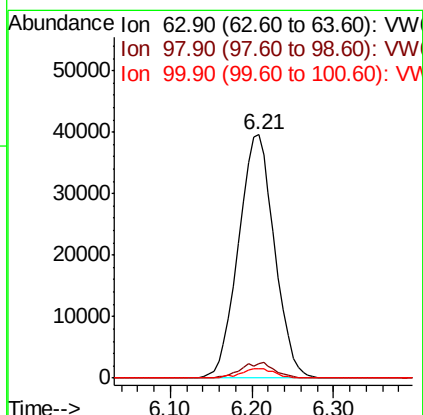
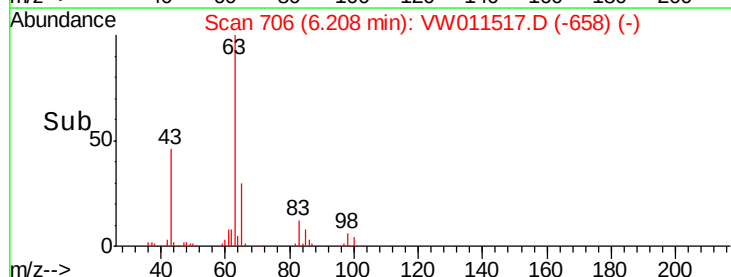
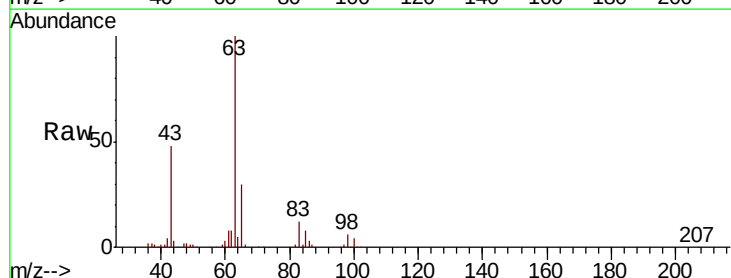
Tgt Ion: 63 Resp: 121252

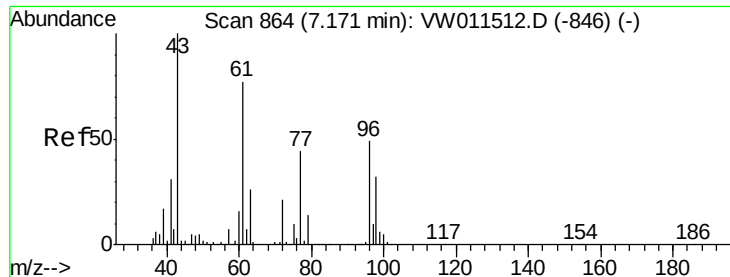
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.8 2.1 6.3





#25

2-Butanone

Concen: 91.708 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

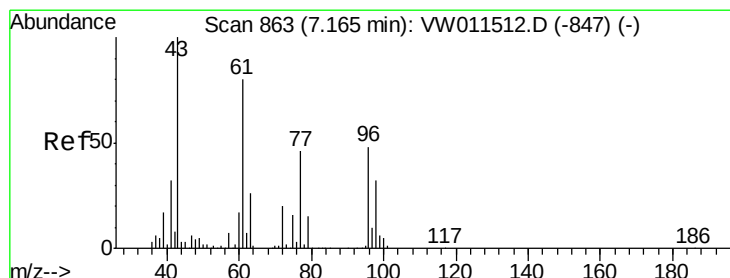
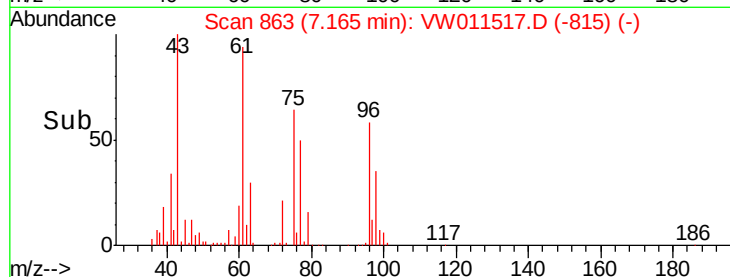
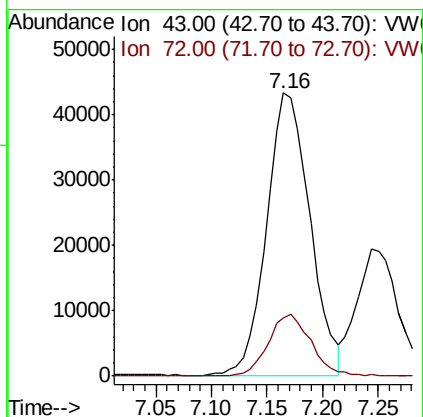
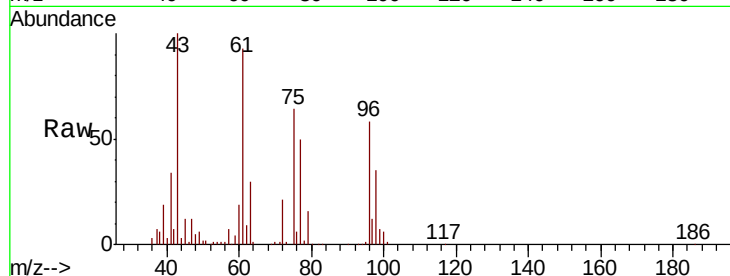
VW0727SBS01

Tot Ion: 43 Resp: 116645

Ion Ratio Lower Upper

43 100

72 20.7 16.6 24.8



#26

2,2-Dichloropropane

Concen: 18.615 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW011517.D

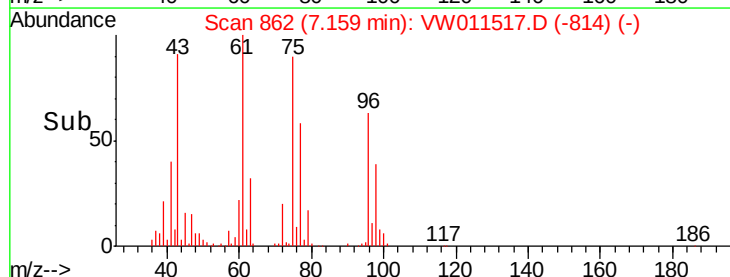
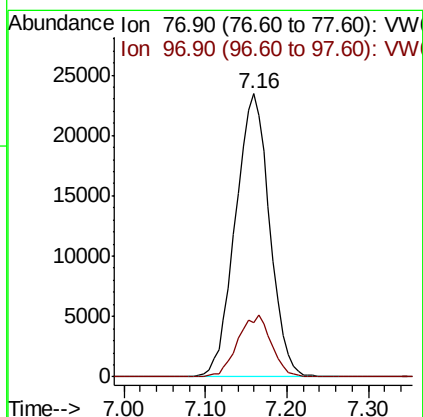
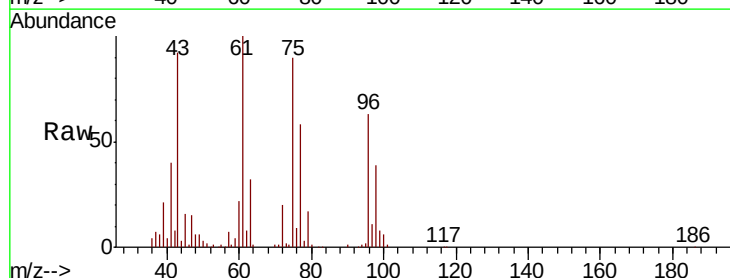
Acq: 26 Jul 2019 15:49

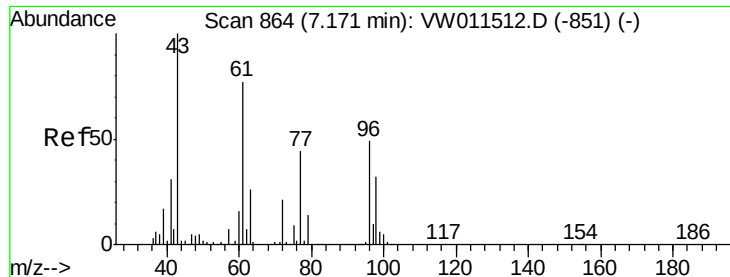
Tgt Ion: 77 Resp: 68140

Ion Ratio Lower Upper

77 100

97 21.4 10.8 32.4



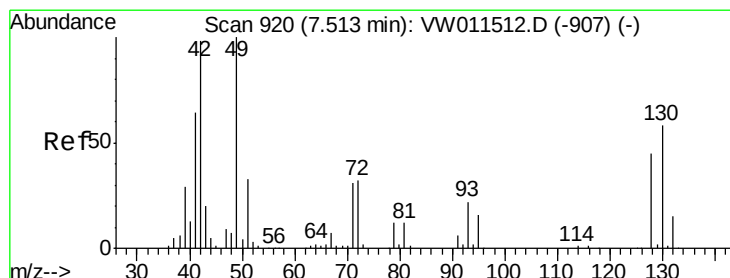
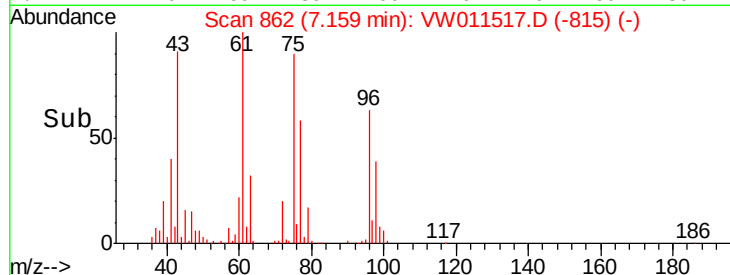
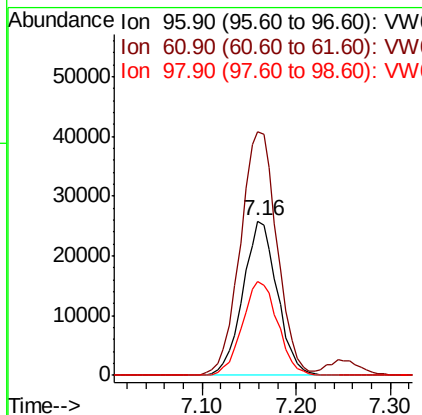
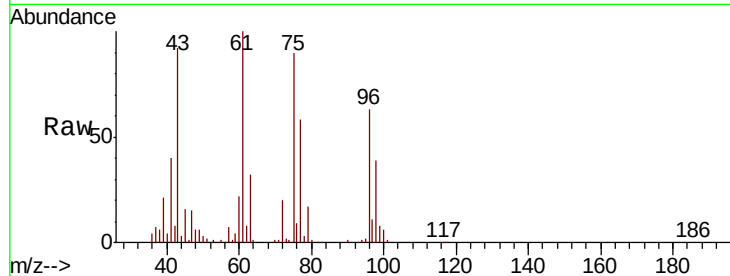


#27

cis-1,2-Dichloroethene
 Concen: 20.063 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Instrument :
 MSVOA_W
 ClientSampled :
 VW0727SBS01

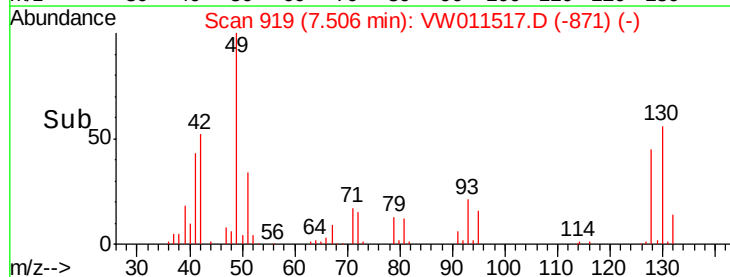
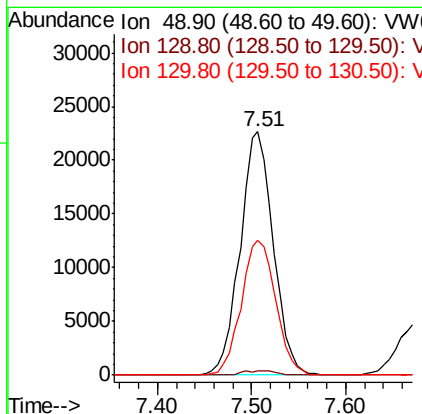
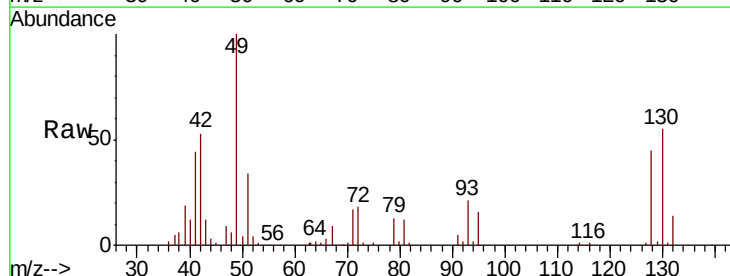
Tot Ion: 96 Resp: 65979
 Ion Ratio Lower Upper
 96 100
 61 168.9 0.0 328.4
 98 62.7 0.0 128.8

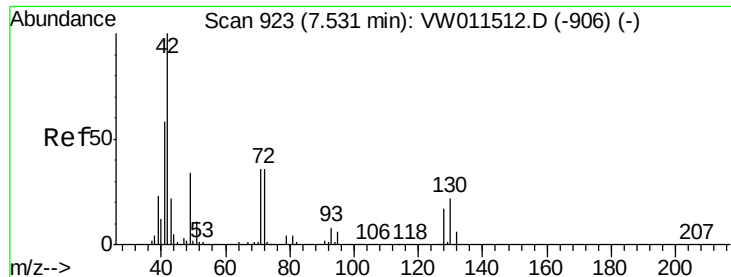


#28

Bromochloromethane
 Concen: 21.151 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion: 49 Resp: 55880
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 1.0
 130 57.3 46.3 69.5

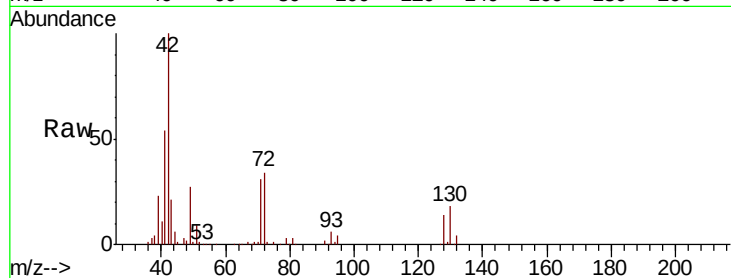




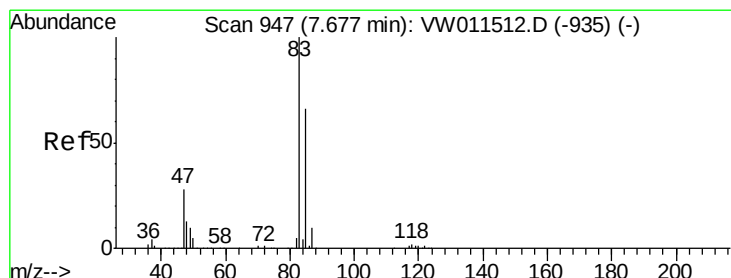
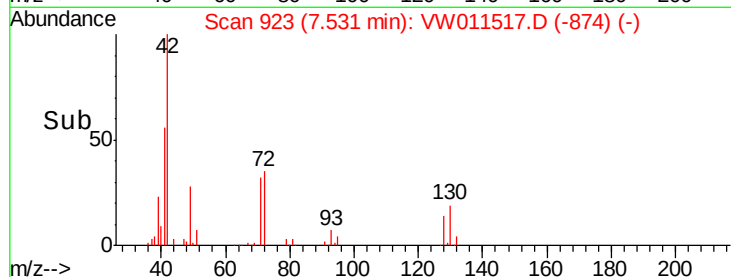
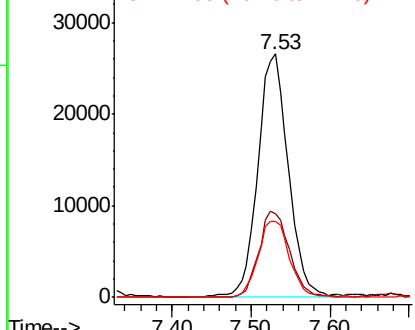
#29
Tetrahydrofuran
Concen: 97.974 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.7	27.1	40.7
71	32.5	26.2	39.4

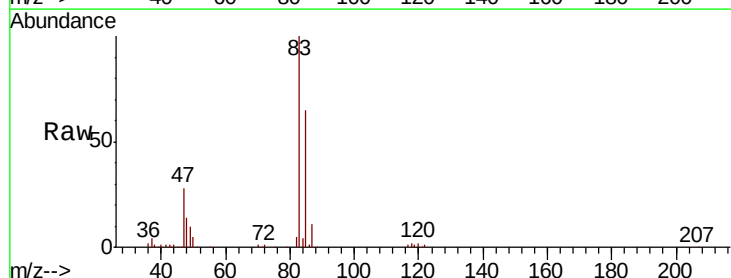


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

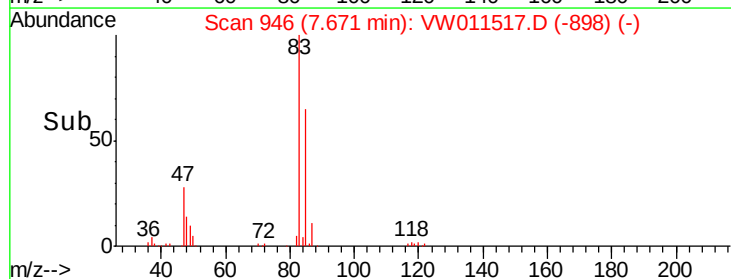
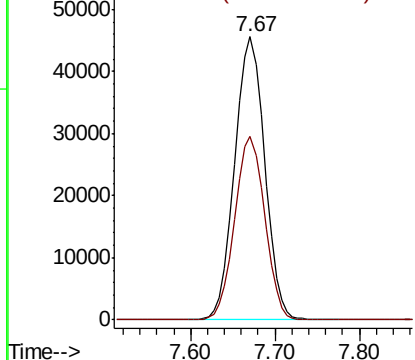


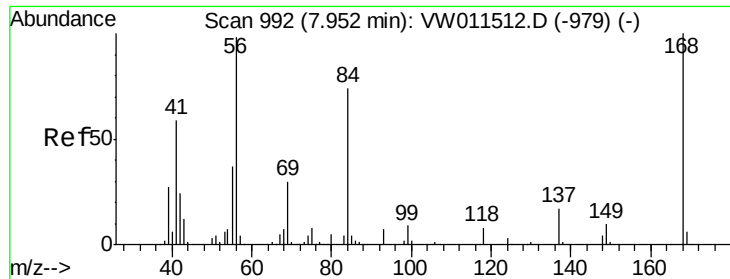
#30
Chloroform
Concen: 19.944 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.5	78.7



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

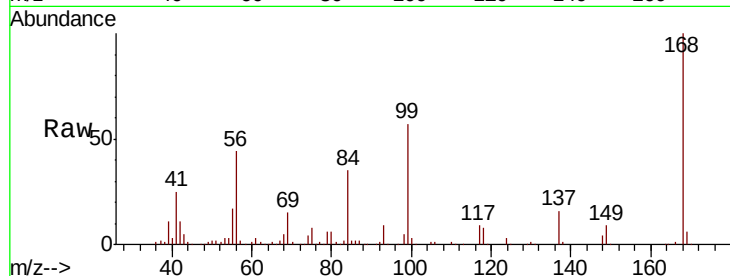




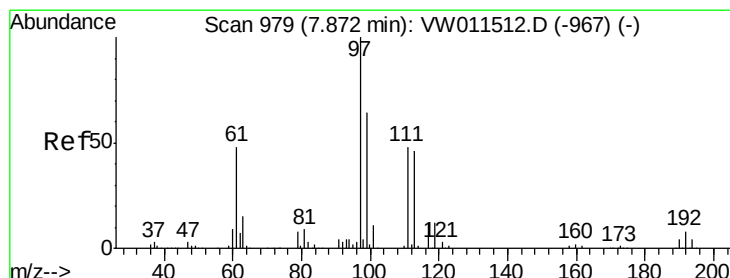
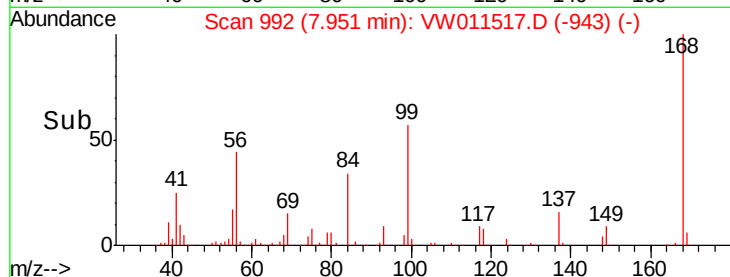
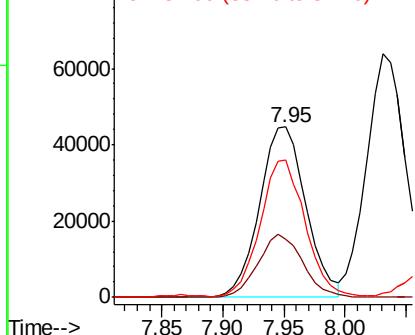
#31
Cyclohexane
Concen: 20.674 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion: 56 Resp: 118122
Ion Ratio Lower Upper
56 100
69 34.1 24.3 36.5
84 79.3 60.4 90.6

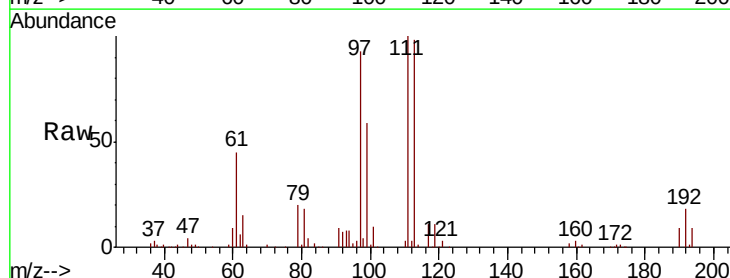


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

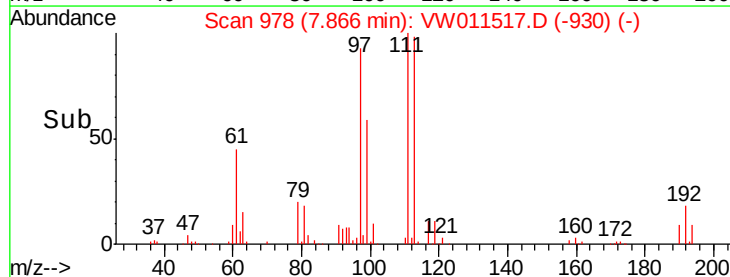
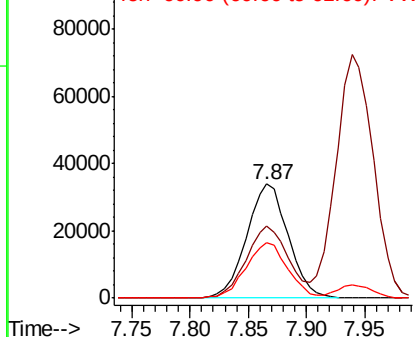


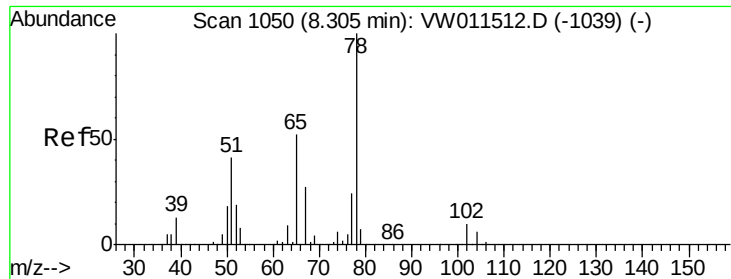
#32
1,1,1-Trichloroethane
Concen: 20.051 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion: 97 Resp: 83850
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 48.9 39.8 59.6



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

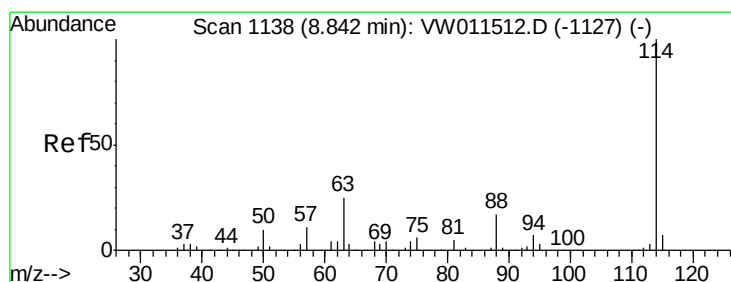
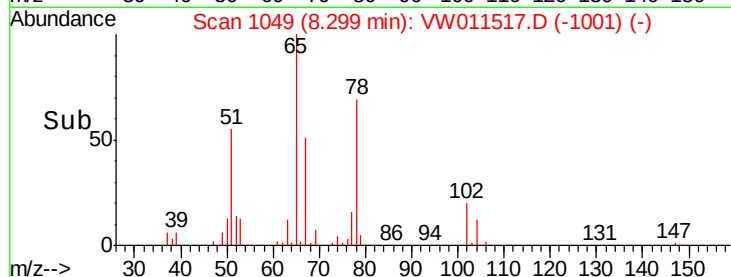
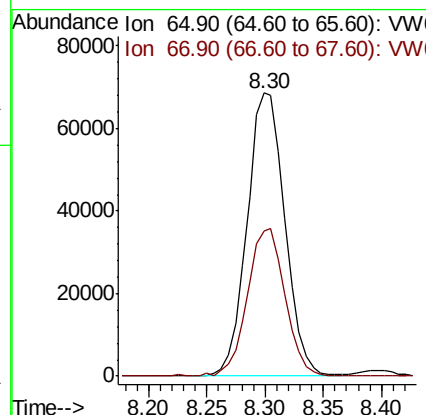
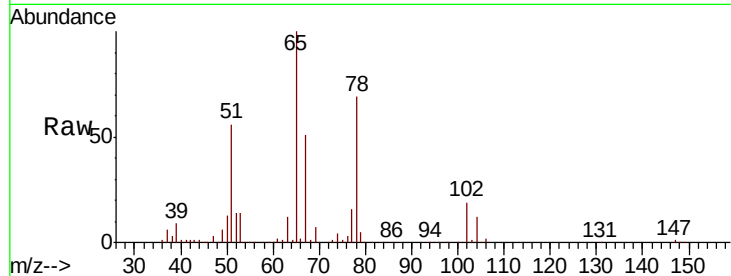




#33
 1,2-Dichloroethane-d4
 Concen: 50.808 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

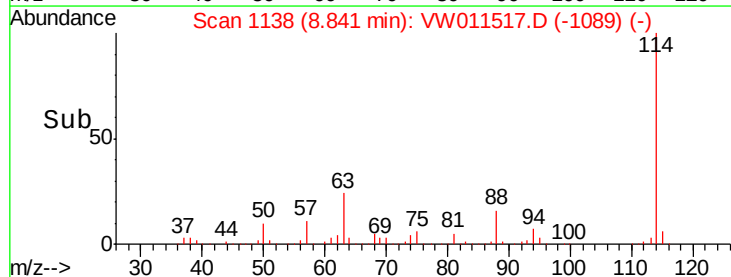
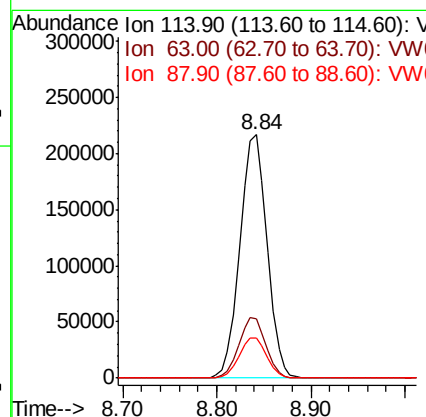
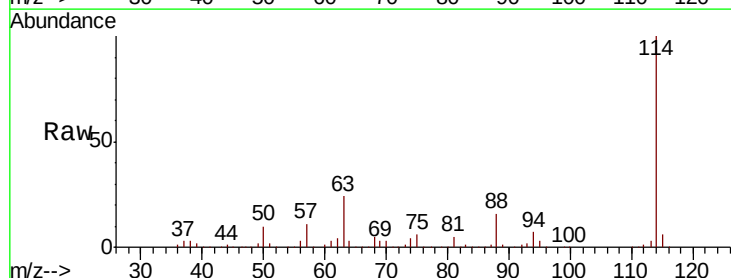
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

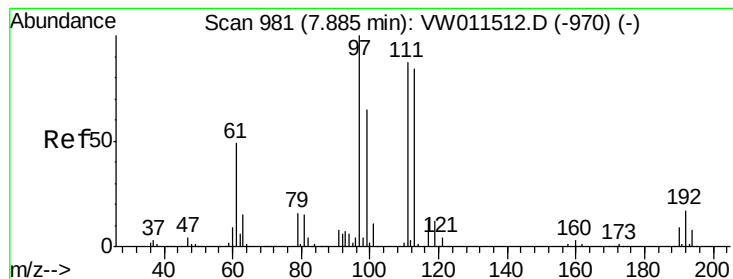
Tot Ion: 65 Resp: 155256
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion: 114 Resp: 433544
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 16.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.479 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

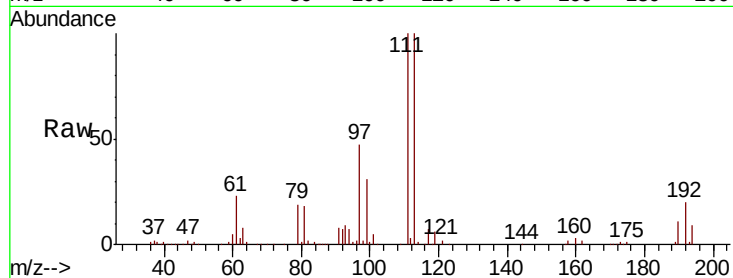
Tot Ion:113 Resp: 122779

Ion Ratio Lower Upper

113 100

111 103.6 82.7 124.1

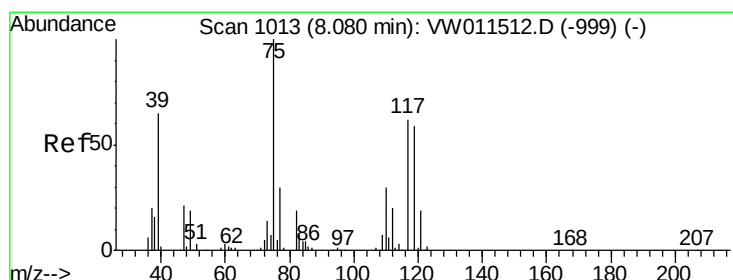
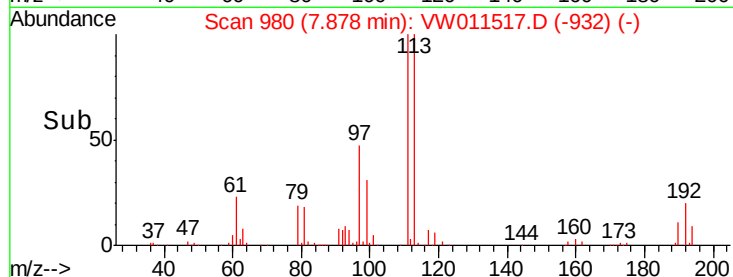
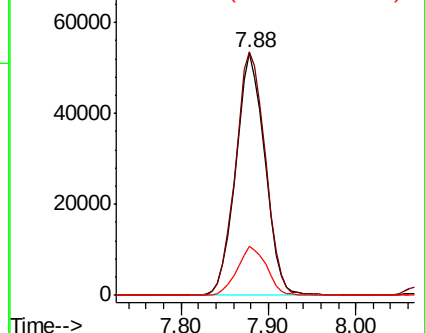
192 20.4 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.667 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

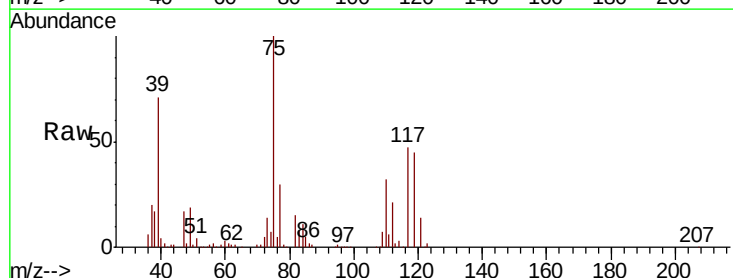
Tgt Ion: 75 Resp: 93167

Ion Ratio Lower Upper

75 100

110 31.4 15.6 46.8

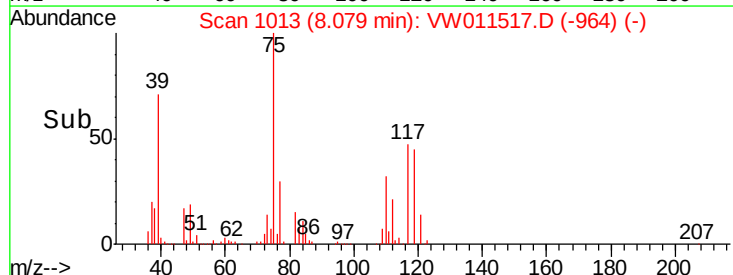
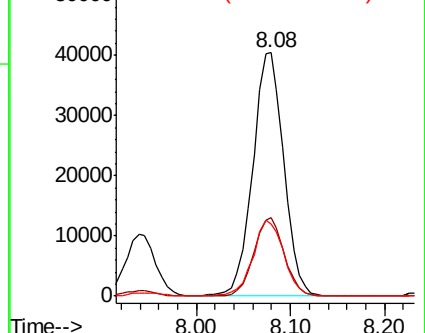
77 31.2 24.3 36.5

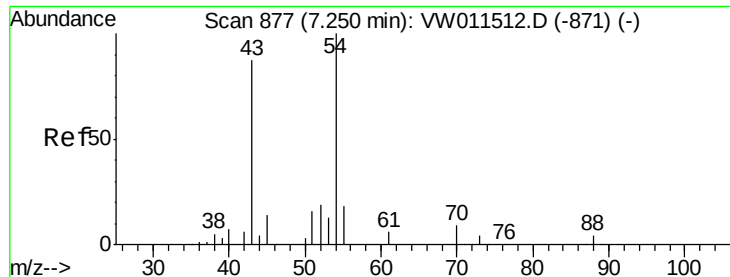


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

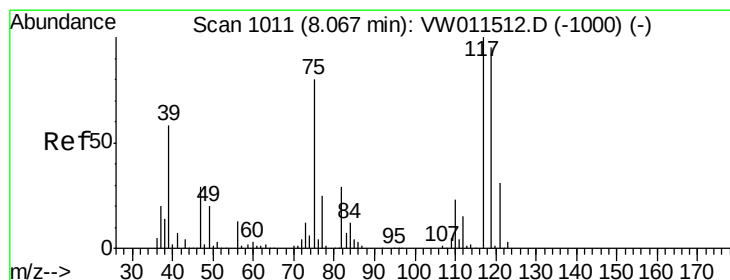
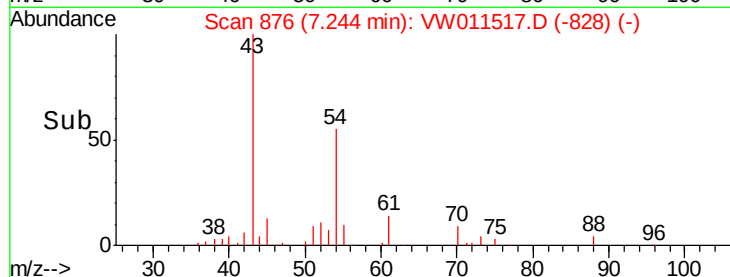
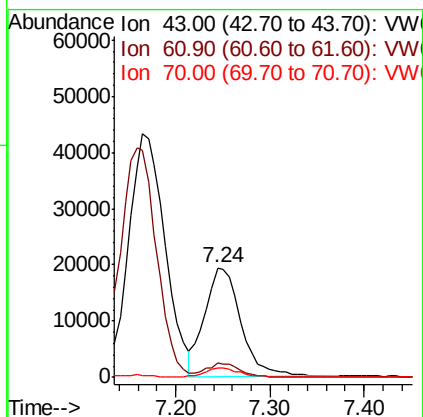
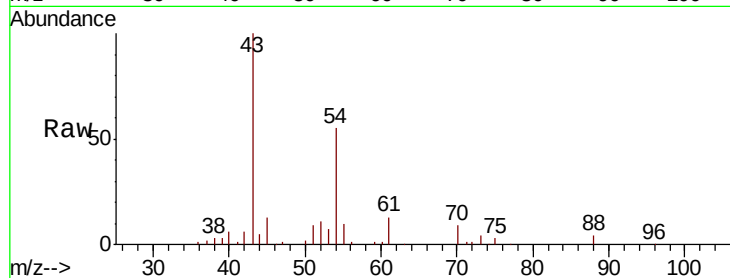




#37
Ethyl Acetate
Concen: 19.909 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

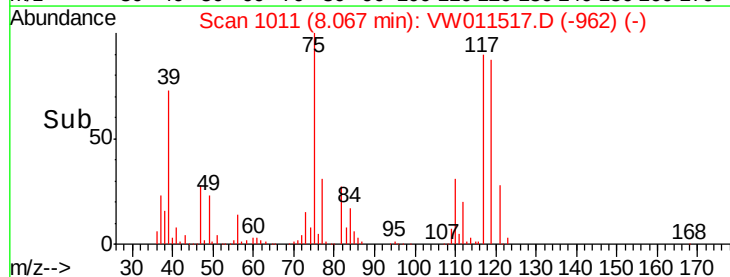
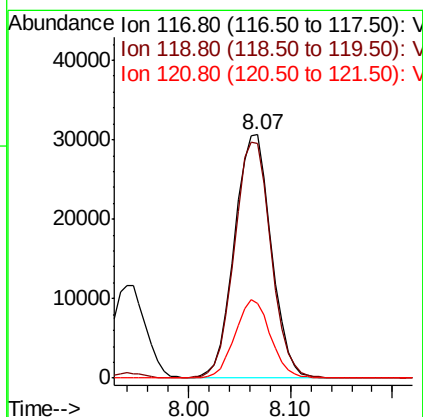
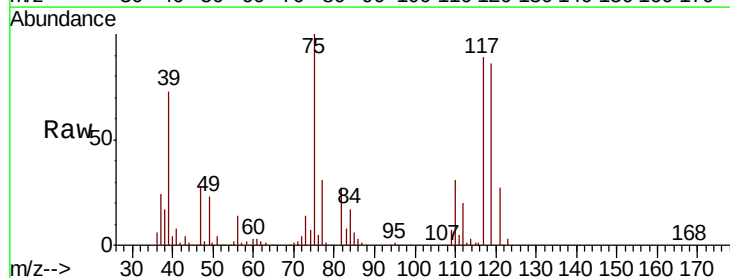
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

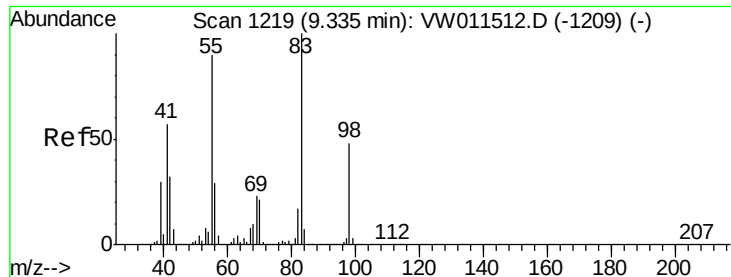
Tot Ion: 43 Resp: 51635
Ion Ratio Lower Upper
43 100
61 12.5 8.8 13.2
70 8.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.887 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion: 117 Resp: 76749
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.6
121 30.8 24.7 37.1

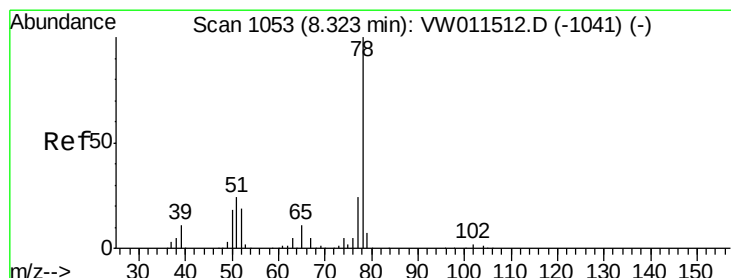
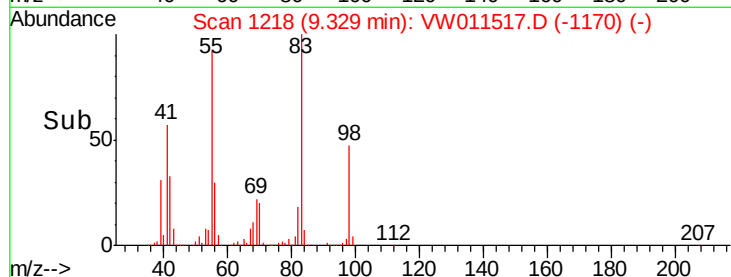
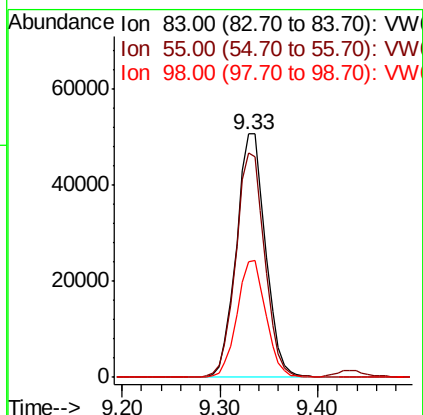
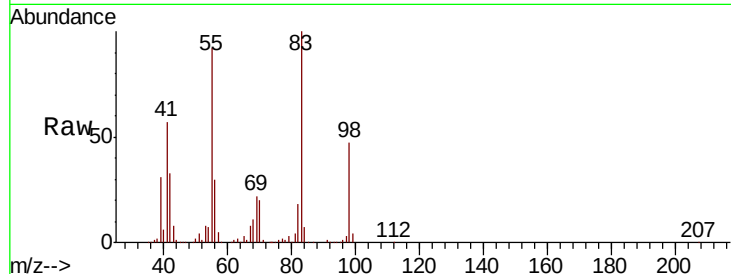




#39
Methylvlcyclohexane
Concen: 21.146 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

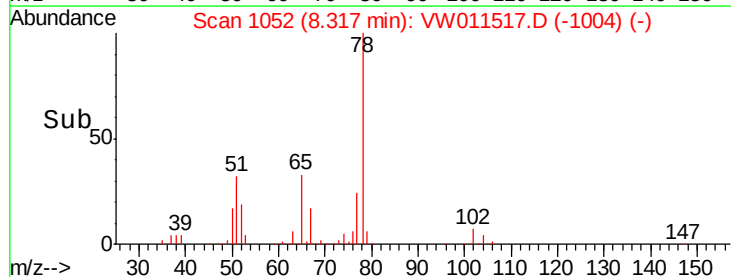
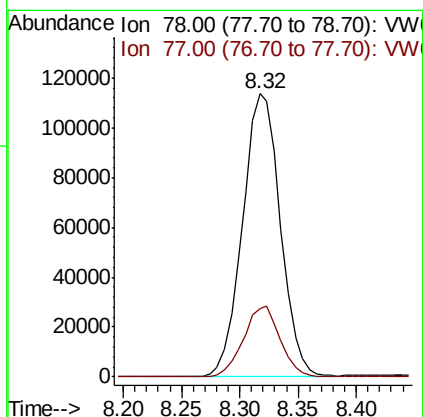
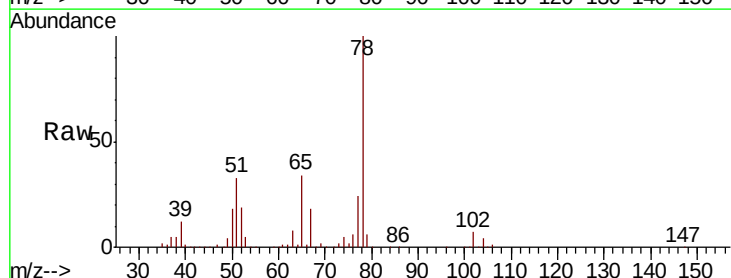
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

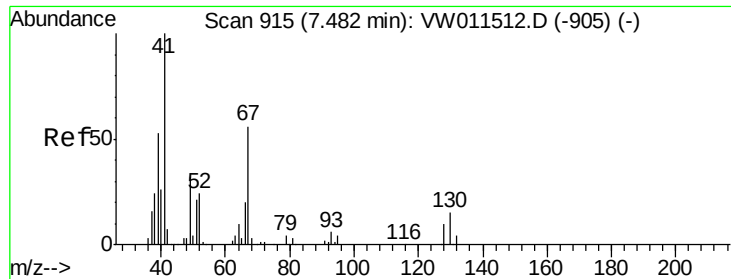
Tot Ion: 83 Resp: 104967
Ion Ratio Lower Upper
83 100
55 92.0 72.1 108.1
98 47.3 38.6 57.8



#40
Benzene
Concen: 20.331 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion: 78 Resp: 256731
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

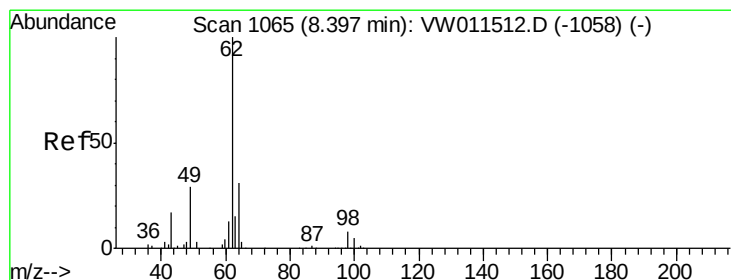
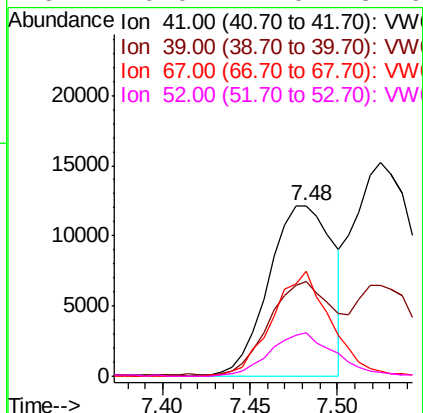
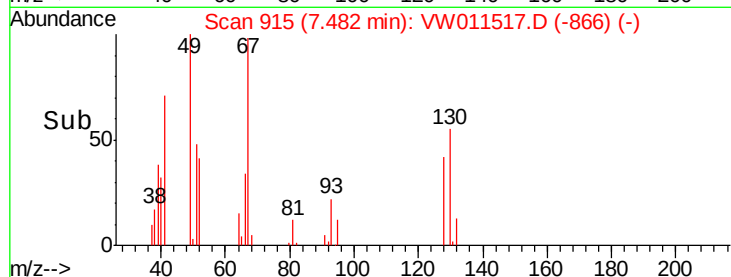
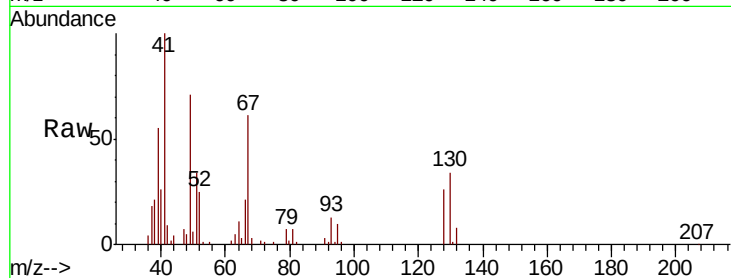




#41
Methacrylonitrile
Concen: 20.160 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

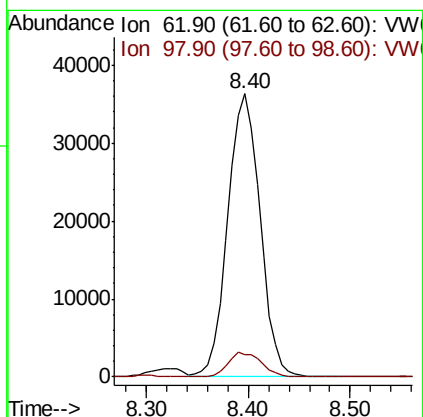
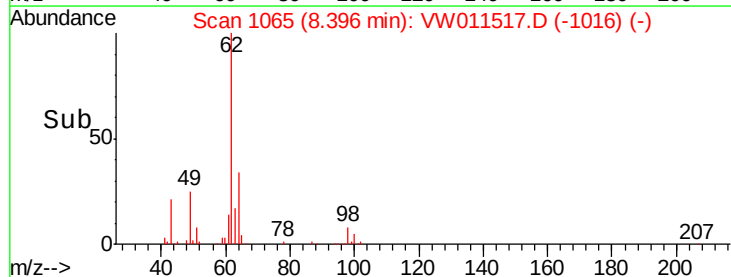
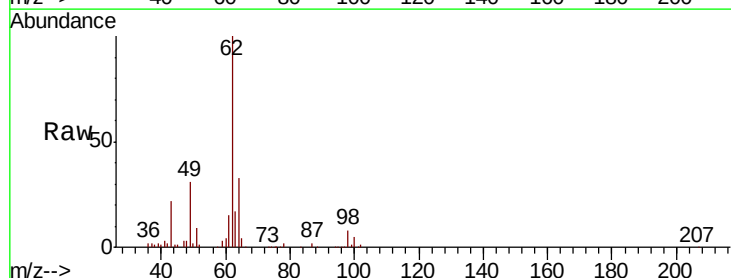
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

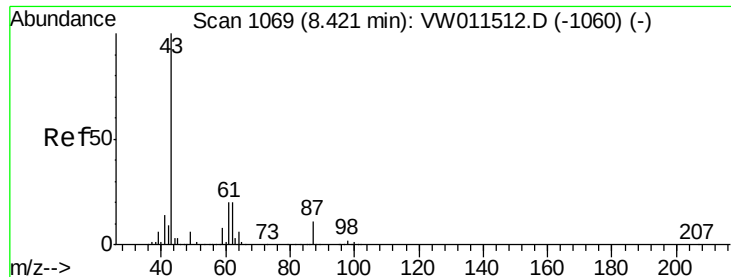
Tot Ion:	41	Resp:	31256
Ion	Ratio	Lower	Upper
41	100		
39	58.4	43.0	64.4
67	56.1	47.5	71.3
52	26.0	21.0	31.6



#42
1,2-Dichloroethane
Concen: 20.197 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion:	62	Resp:	79846
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.8





#43

Isopropyl Acetate

Concen: 19.644 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

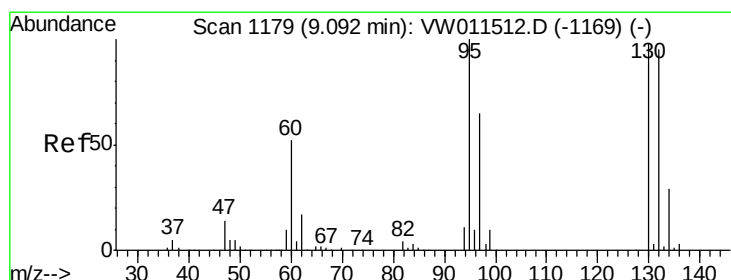
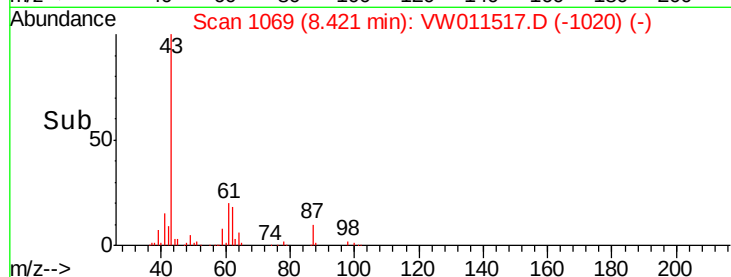
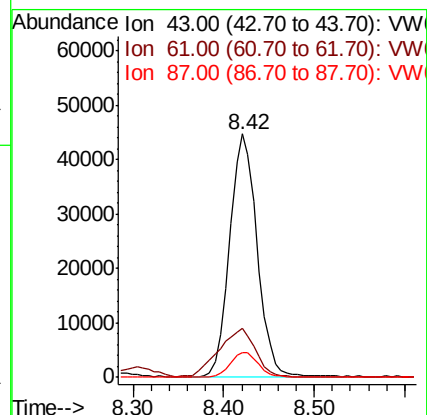
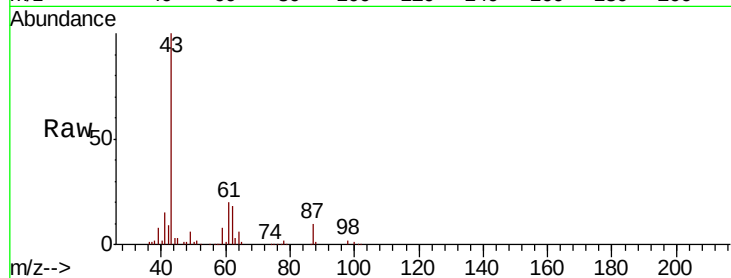
Tot Ion: 43 Resp: 93700

Ion Ratio Lower Upper

43 100

61 26.9 21.5 32.3

87 10.4 8.4 12.6



#44

Trichloroethene

Concen: 20.574 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW011517.D

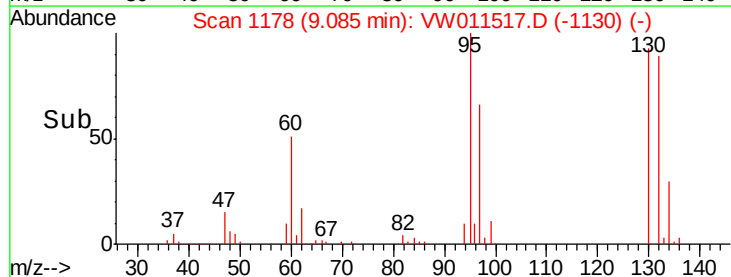
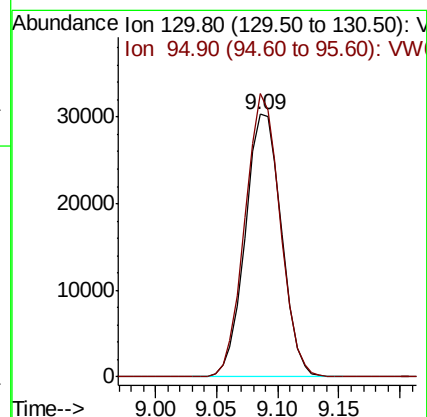
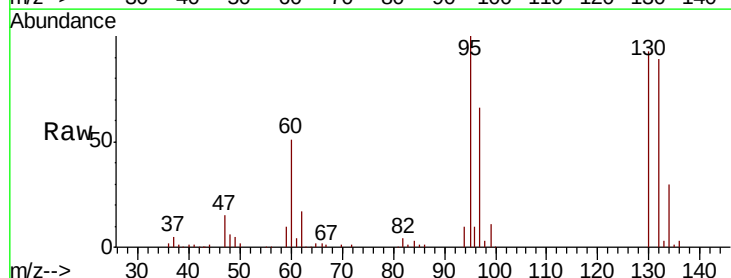
Acq: 26 Jul 2019 15:49

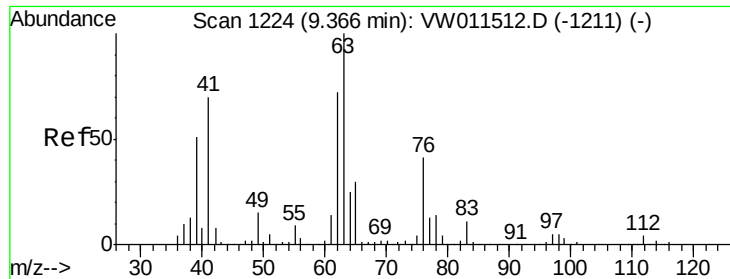
Tgt Ion: 130 Resp: 62441

Ion Ratio Lower Upper

130 100

95 107.7 0.0 204.8

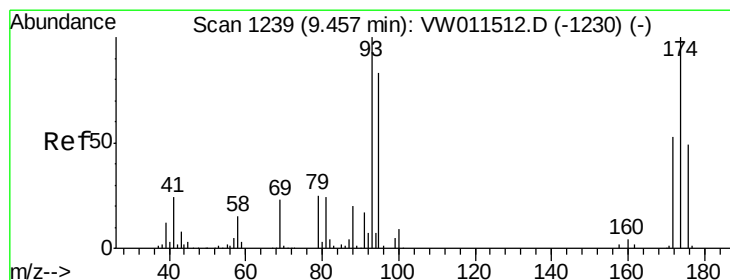
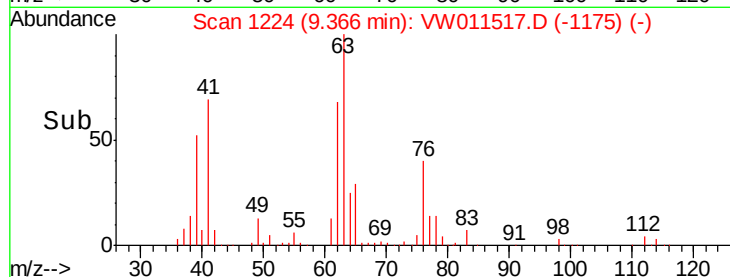
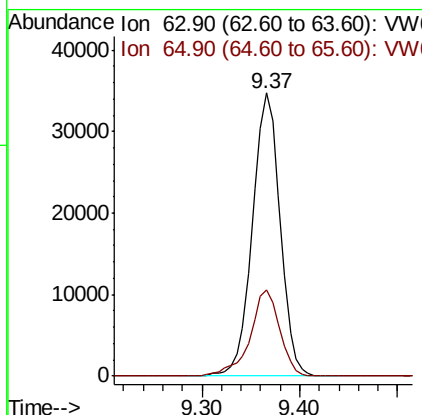
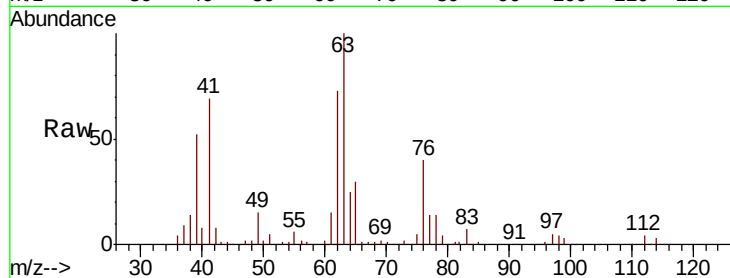




#45
 1,2-Dichloropropane
 Concen: 20.182 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

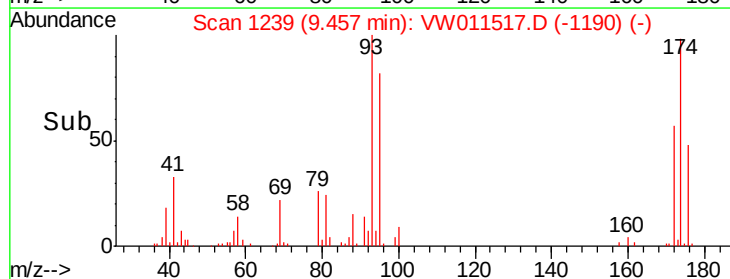
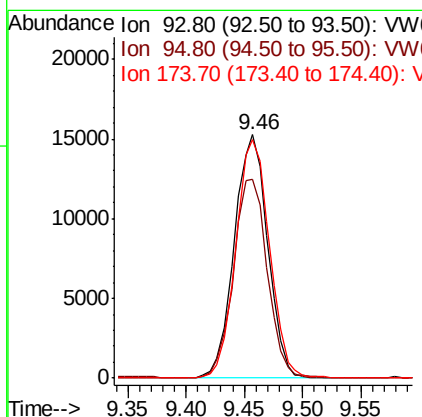
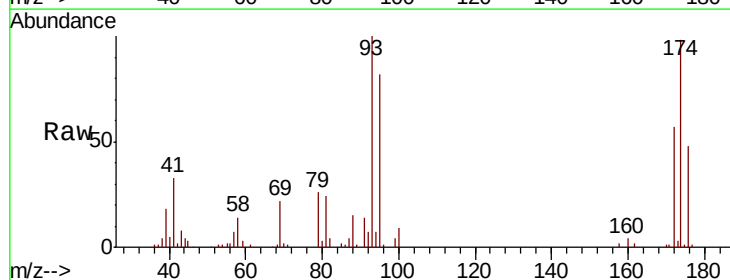
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

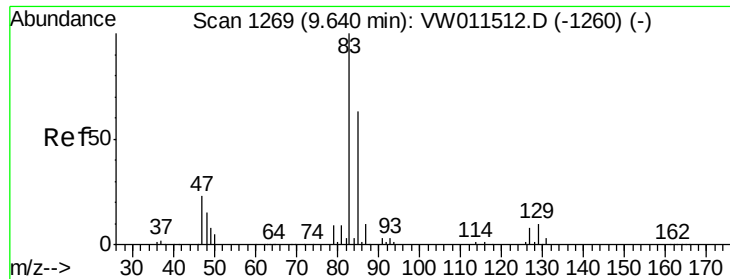
Tot Ion: 63 Resp: 68187
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.2 36.4



#46
 Dibromomethane
 Concen: 19.863 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion: 93 Resp: 30630
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.2 99.2
 174 98.7 78.2 117.4





#47

Bromodichloromethane

Concen: 19.355 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

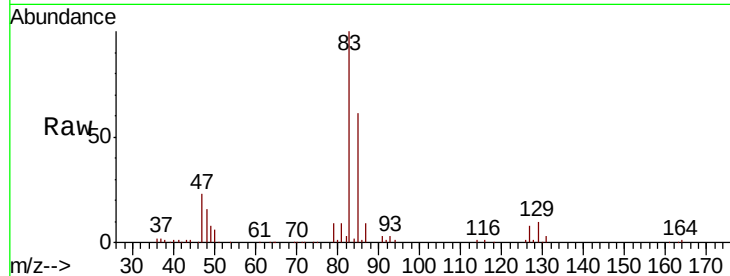
Tot Ion: 83 Resp: 78292

Ion Ratio Lower Upper

83 100

85 60.7 50.5 75.7

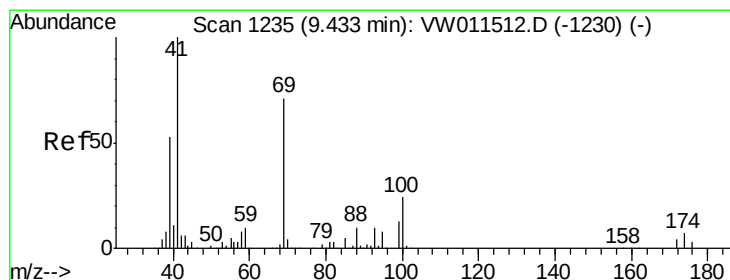
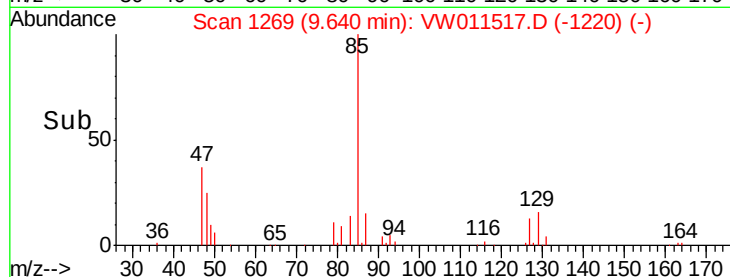
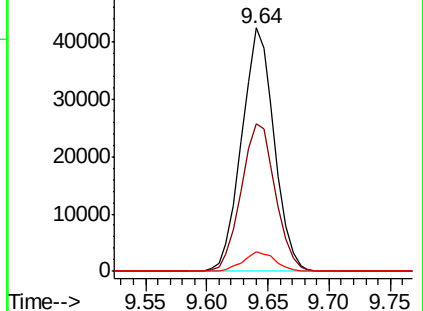
127 8.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 19.783 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

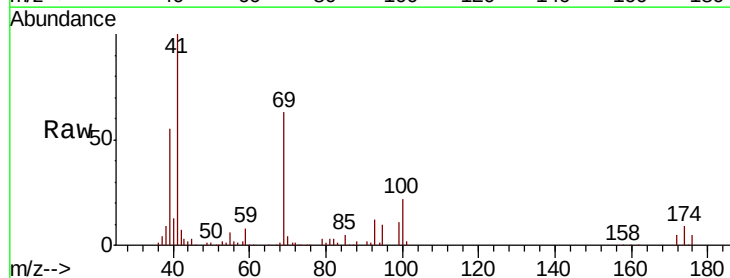
Tgt Ion: 41 Resp: 45327

Ion Ratio Lower Upper

41 100

69 71.0 57.1 85.7

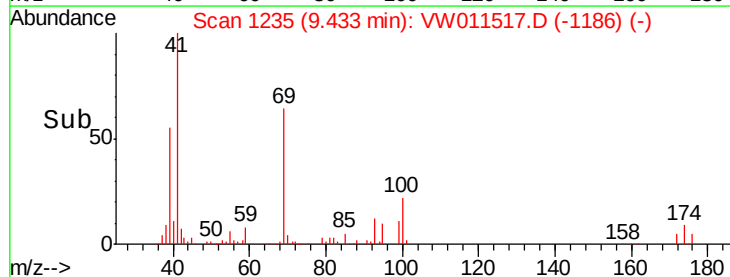
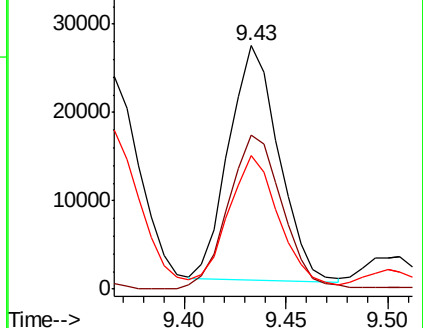
39 55.0 45.4 68.2

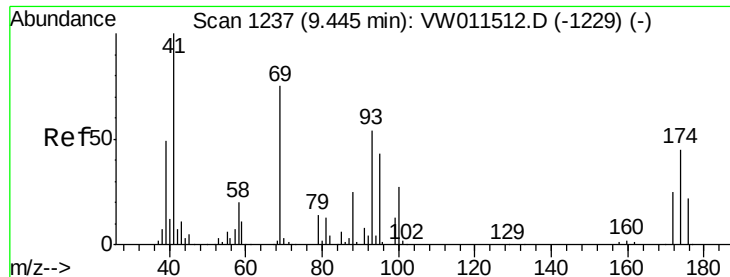


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 331.417 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

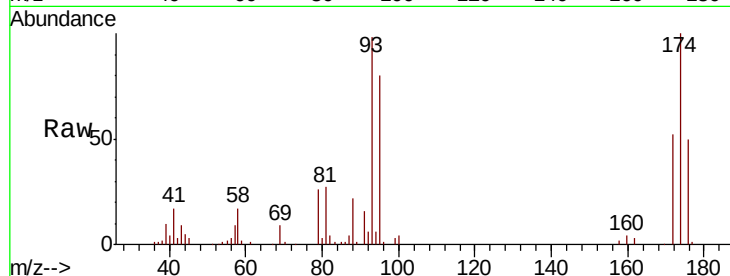
Tot Ion: 88 Resp: 7400

Ion Ratio Lower Upper

88 100

43 0.0 34.0 51.0#

58 92.7 69.7 104.5

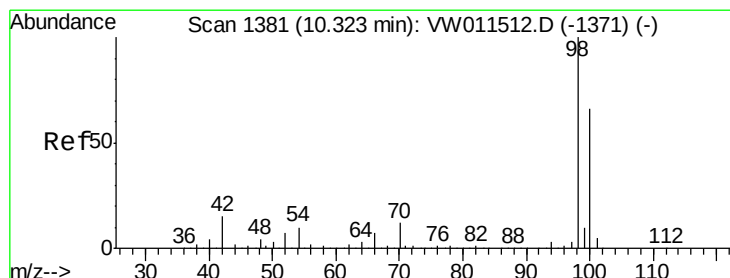
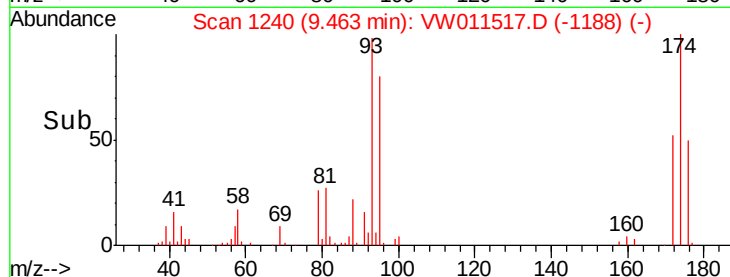
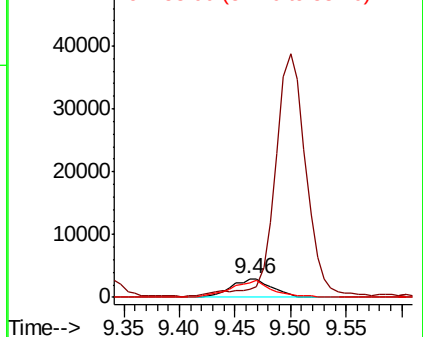


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.725 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011517.D

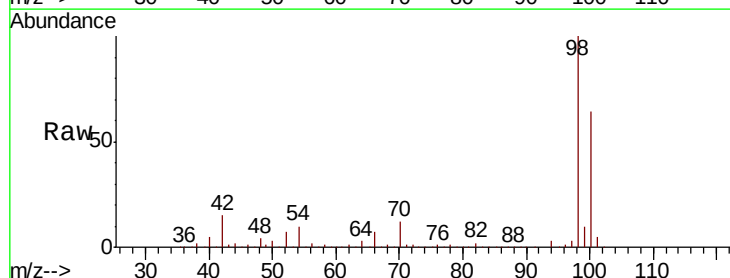
Acq: 26 Jul 2019 15:49

Tgt Ion: 98 Resp: 515102

Ion Ratio Lower Upper

98 100

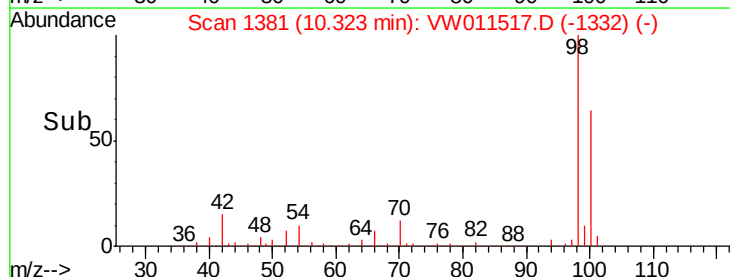
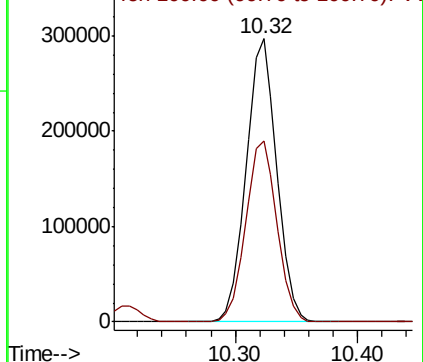
100 65.1 52.7 79.1

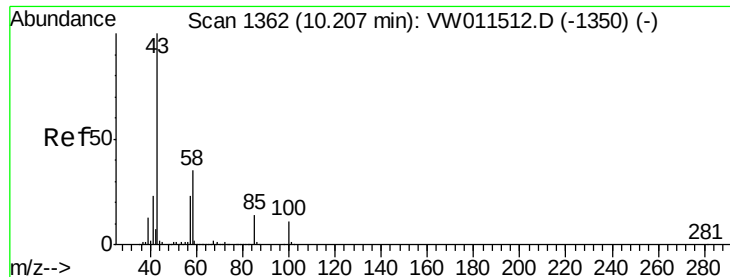


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

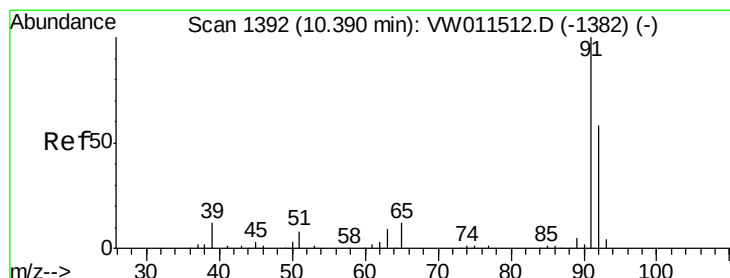
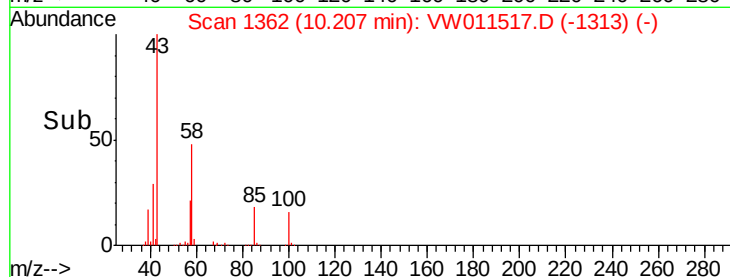
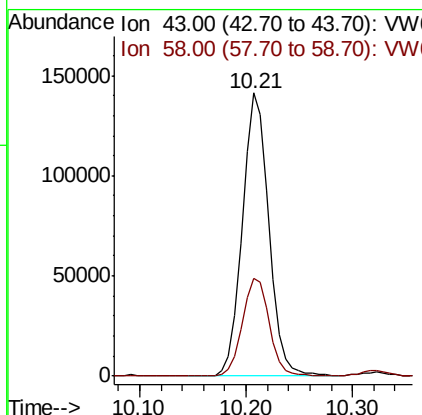
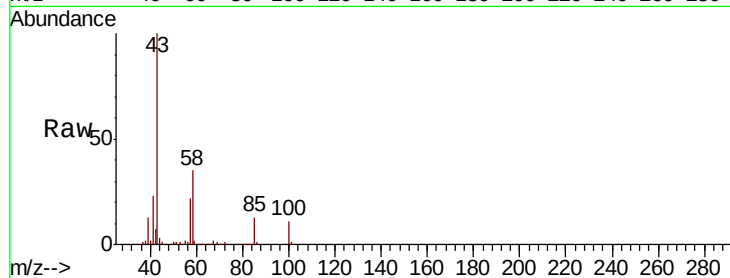




#51
4-Methyl-2-Pentanone
Concen: 99.370 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

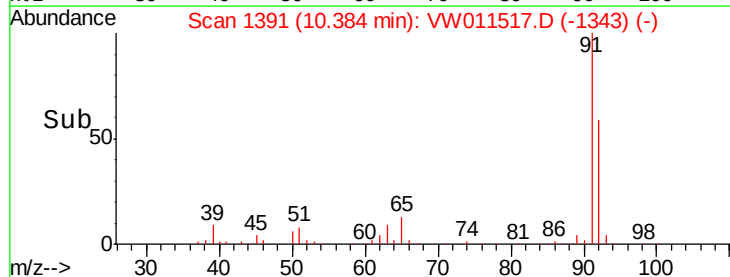
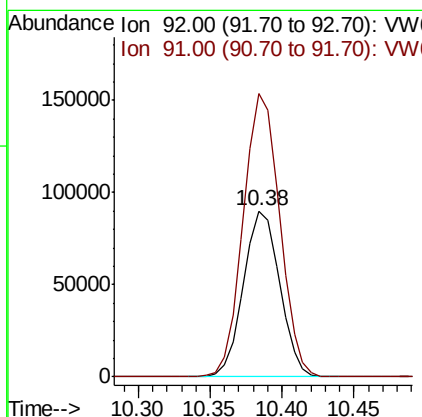
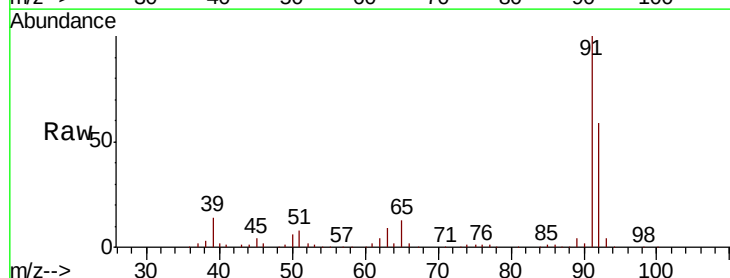
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

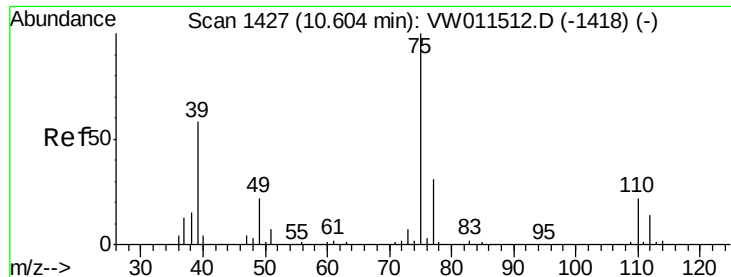
Tot Ion: 43 Resp: 246541
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.2



#52
Toluene
Concen: 20.567 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion: 92 Resp: 156834
Ion Ratio Lower Upper
92 100
91 171.9 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 19.416 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampled :

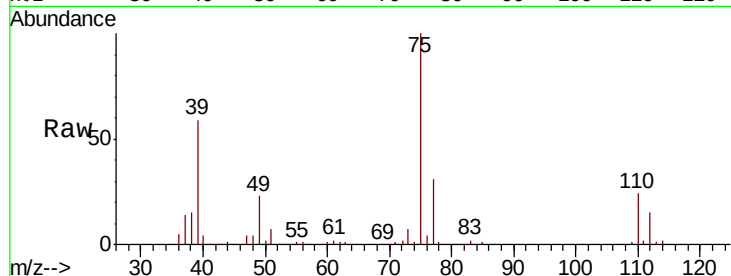
VW0727SBS01

Tot Ion: 75 Resp: 82041

Ion Ratio Lower Upper

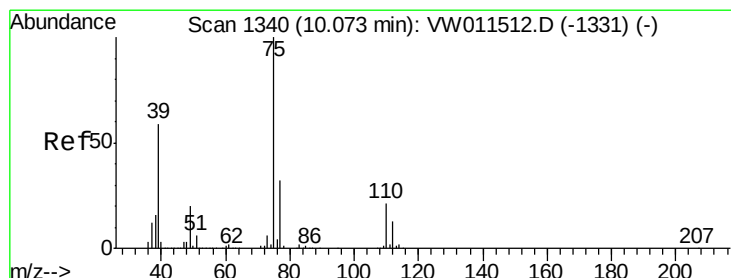
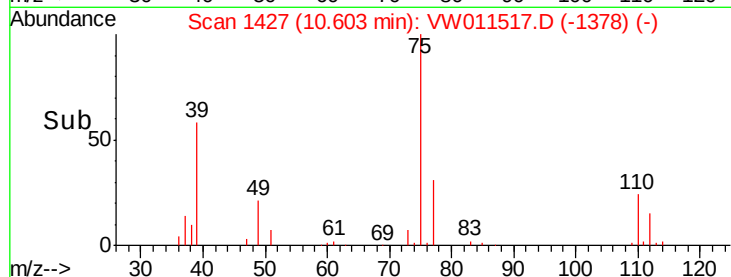
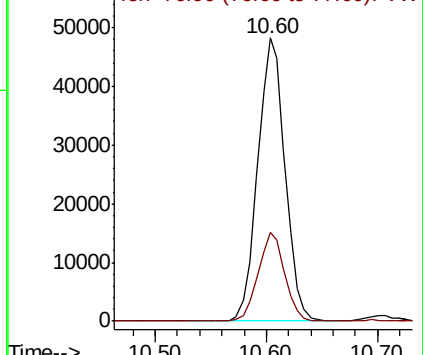
75 100

77 31.1 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 19.874 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

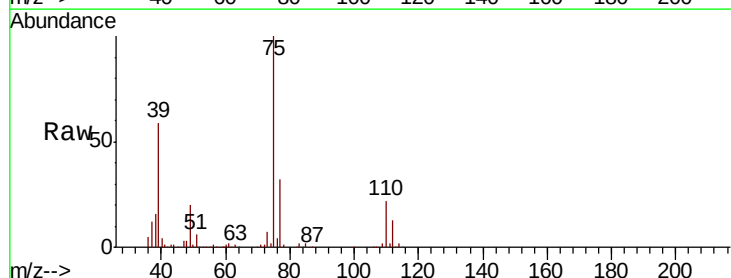
Tgt Ion: 75 Resp: 99849

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

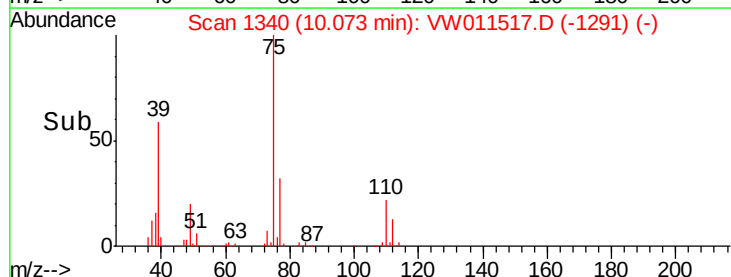
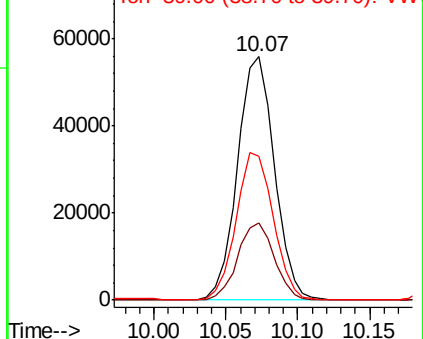
39 59.0 47.0 70.4

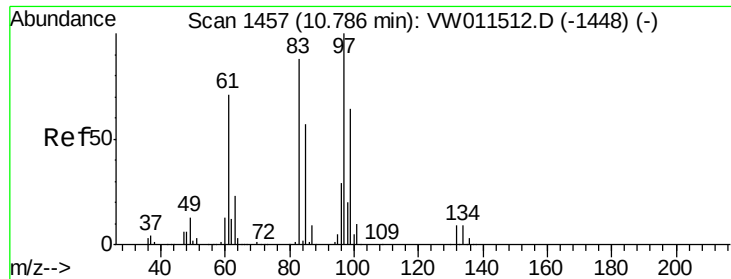


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

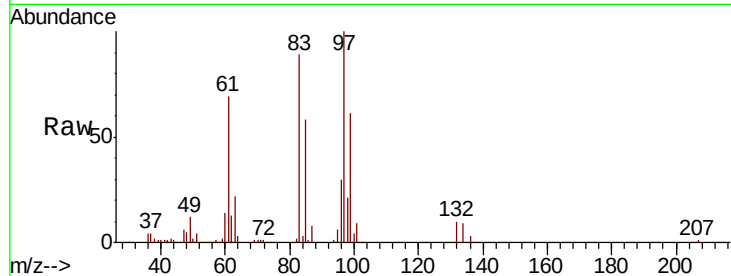




#55
 1,1,2-Trichloroethane
 Concen: 19.918 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

Tot Ion	97	Resp	43581
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.5	105.7
85	57.6	45.8	68.6
99	60.7	51.0	76.4



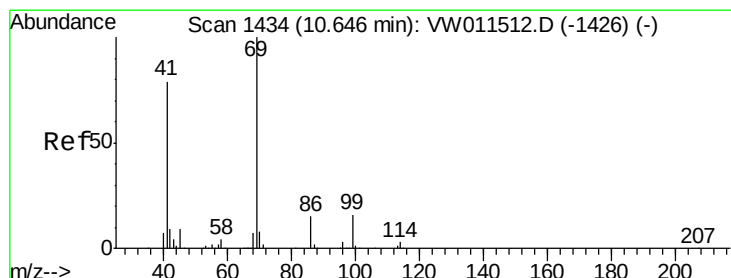
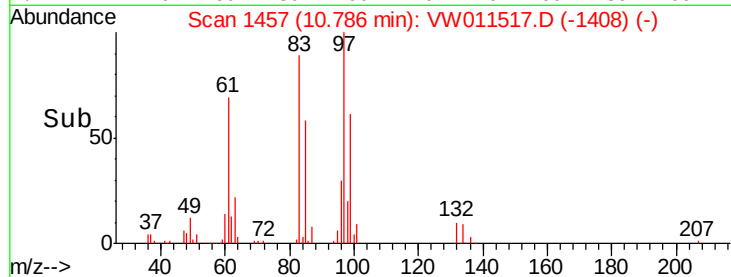
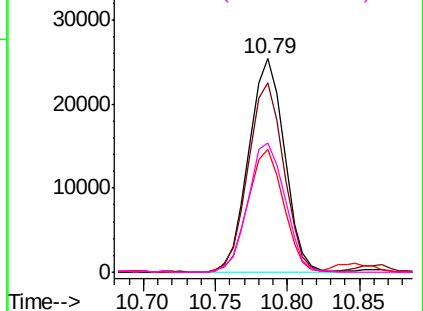
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

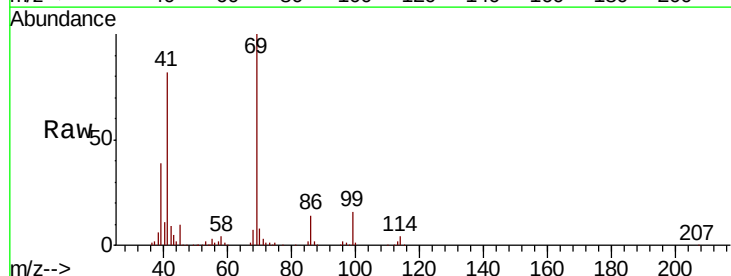
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 19.564 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion	69	Resp	62637
Ion	Ratio	Lower	Upper
69	100		
41	84.2	66.6	99.8
39	37.6	30.3	45.5

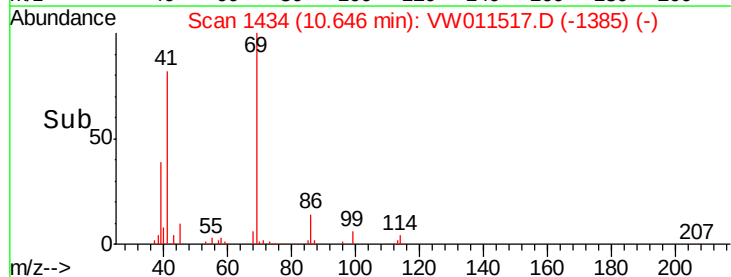
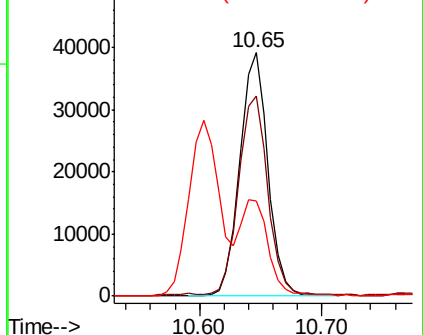


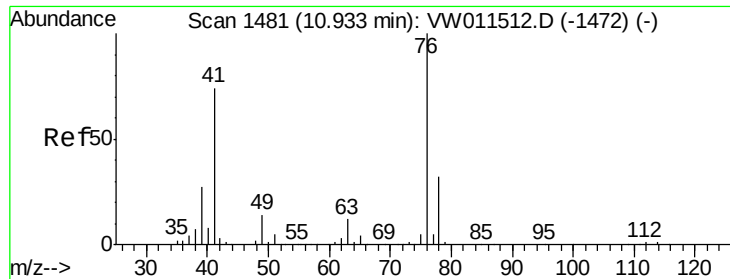
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

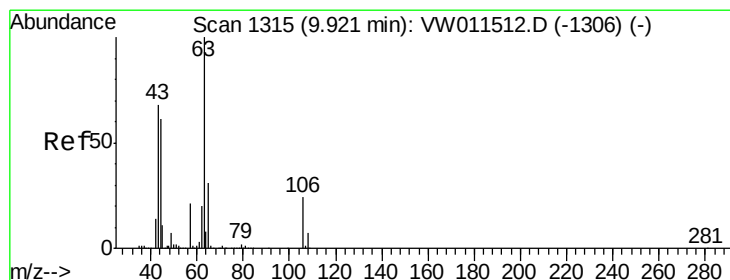
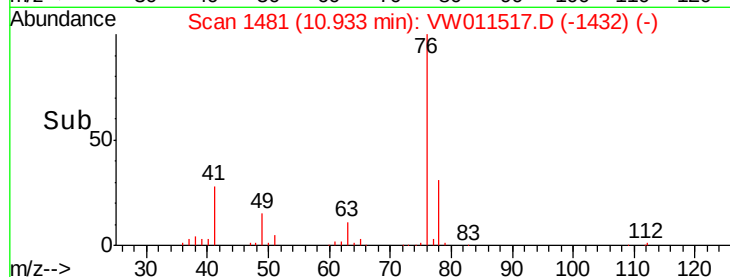
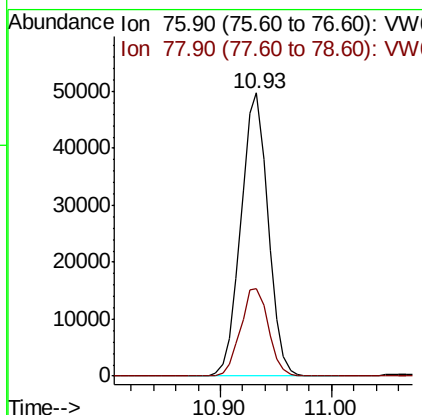
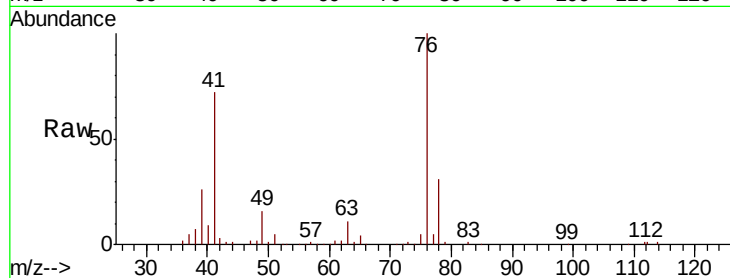




#57
 1,3-Dichloropropane
 Concen: 20.334 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

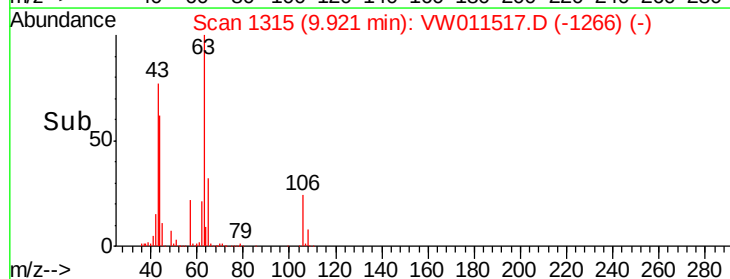
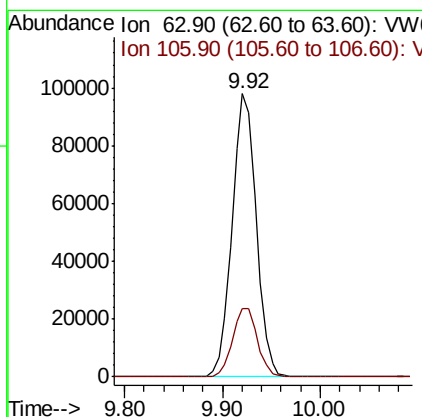
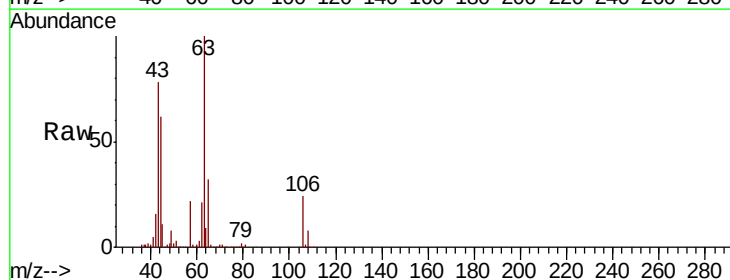
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

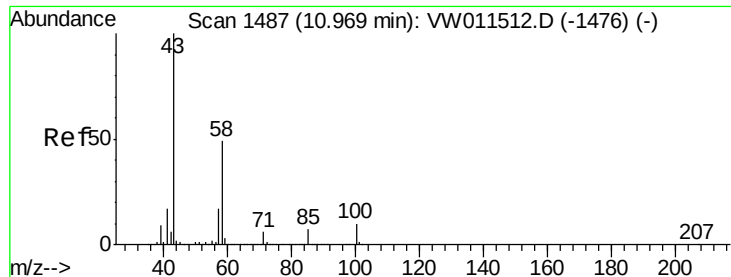
Tot Ion: 76 Resp: 84173
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.435 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion: 63 Resp: 167809
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.7 29.5





#59

2-Hexanone

Concen: 96.157 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

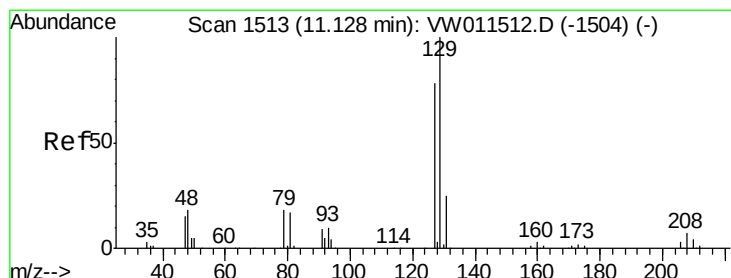
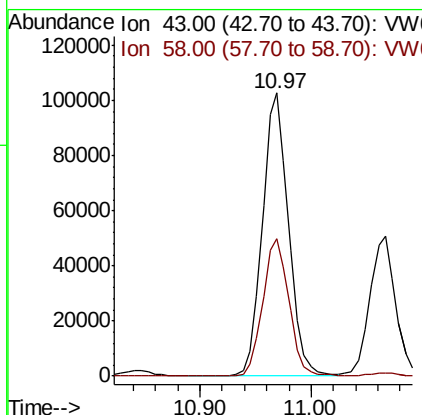
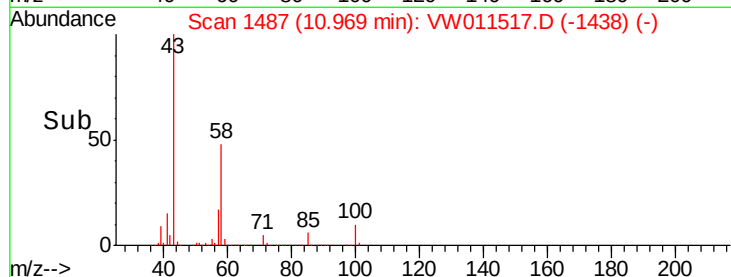
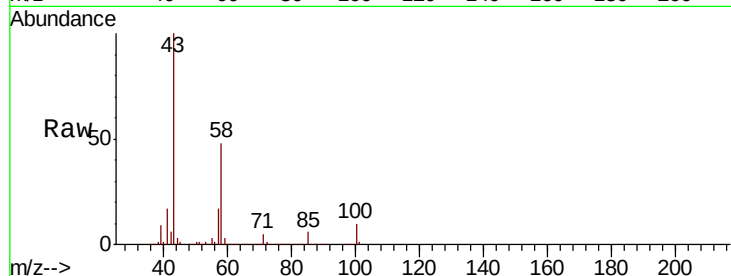
VW0727SBS01

Tot Ion: 43 Resp: 168445

Ion Ratio Lower Upper

43 100

58 48.5 24.3 72.9



#60

Dibromochloromethane

Concen: 19.301 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW011517.D

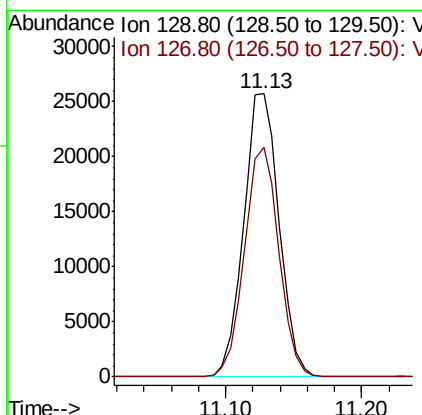
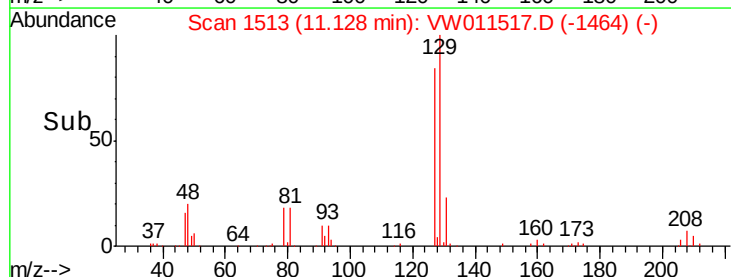
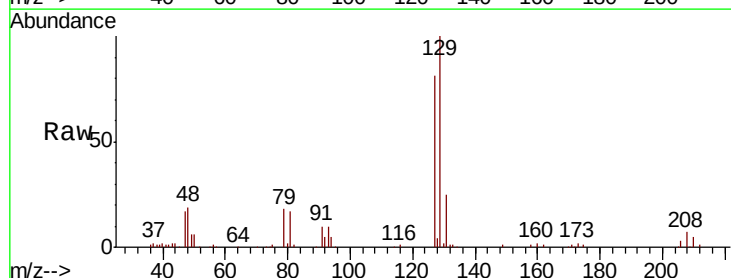
Acq: 26 Jul 2019 15:49

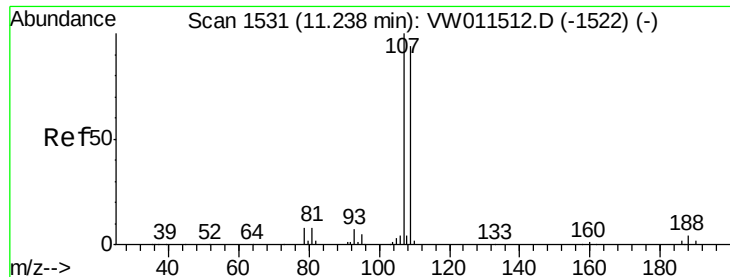
Tgt Ion: 129 Resp: 46877

Ion Ratio Lower Upper

129 100

127 79.0 38.9 116.7

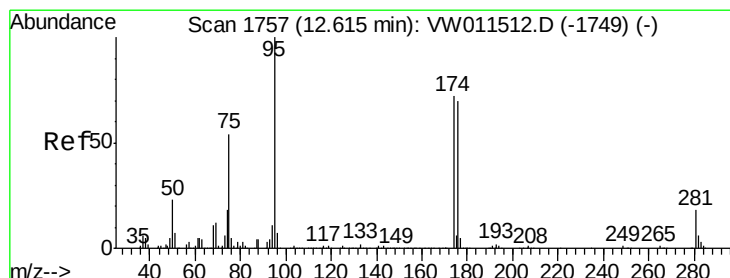
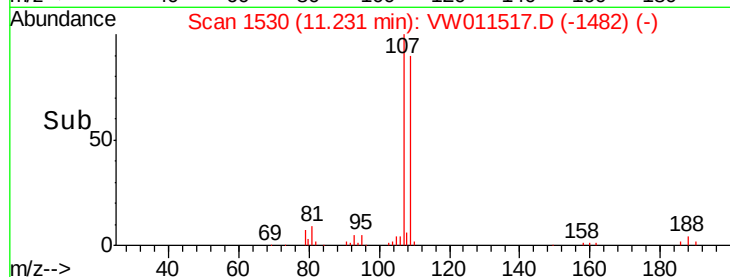
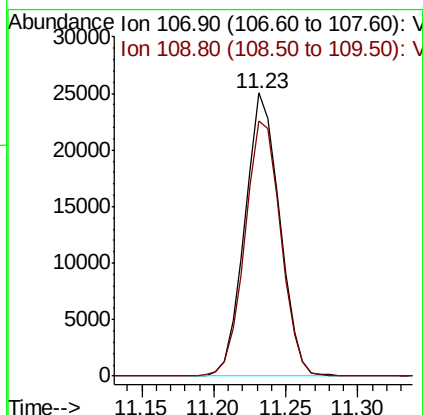
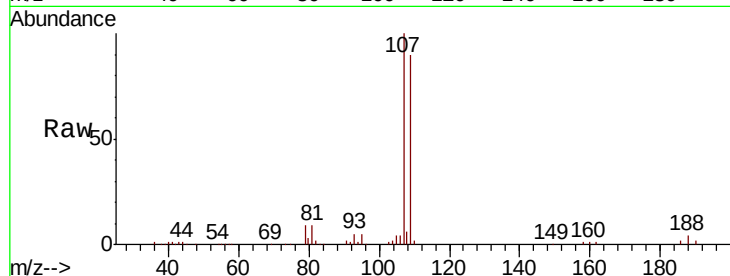




#61
 1,2-Dibromoethane
 Concen: 20.195 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

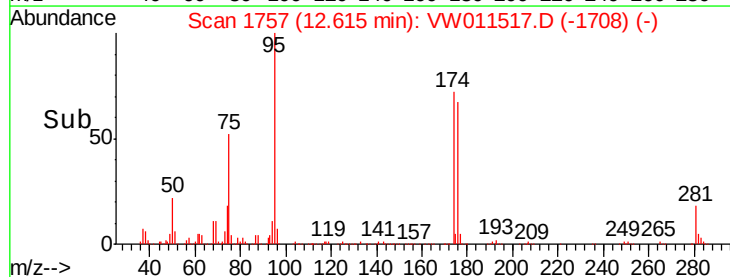
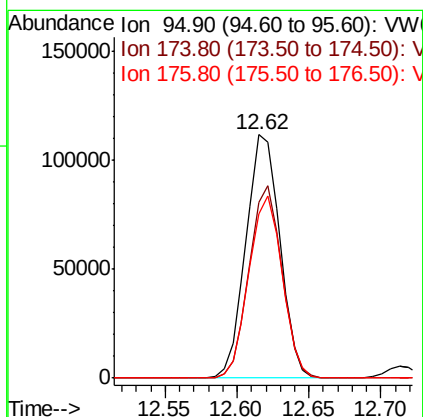
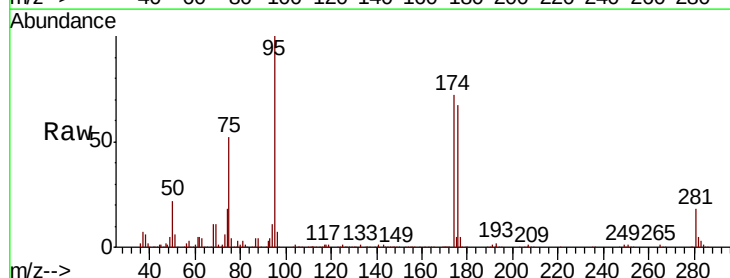
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

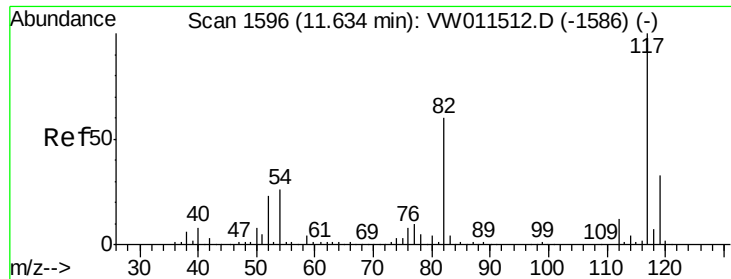
Tot Ion:107 Resp: 41816
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.443 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion: 95 Resp: 182642
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 150.2
 176 73.6 0.0 144.4

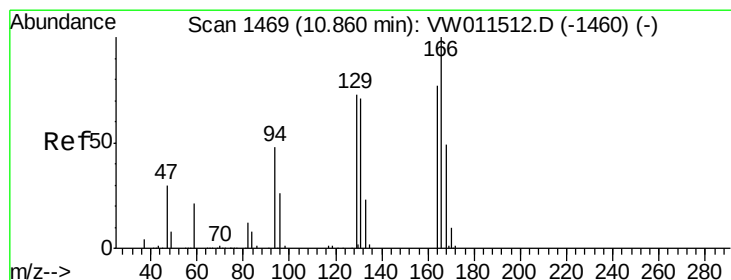
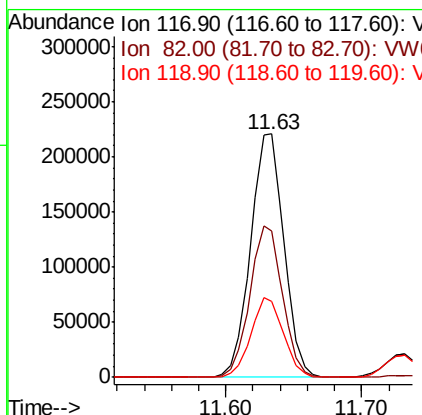
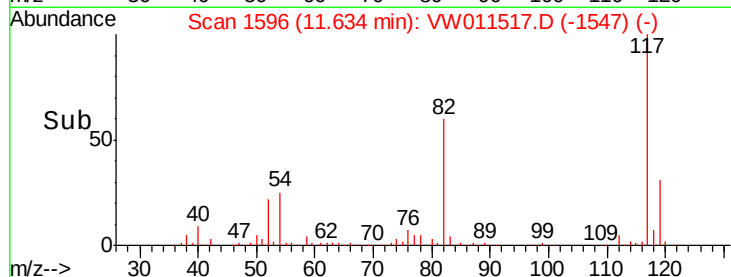
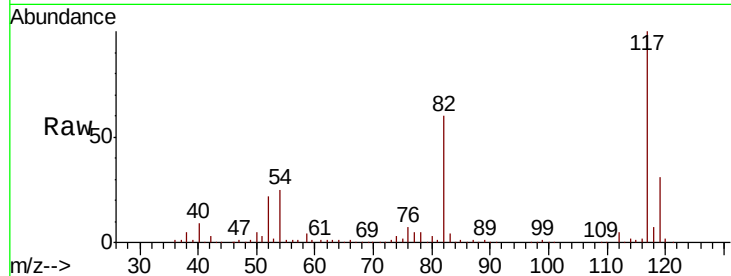




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

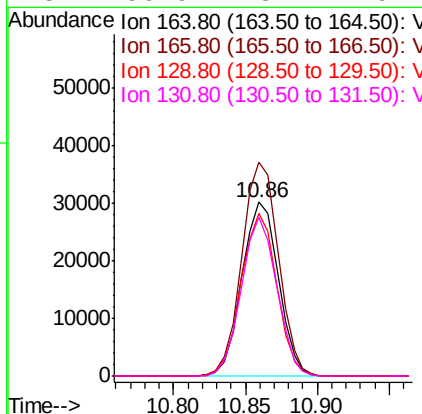
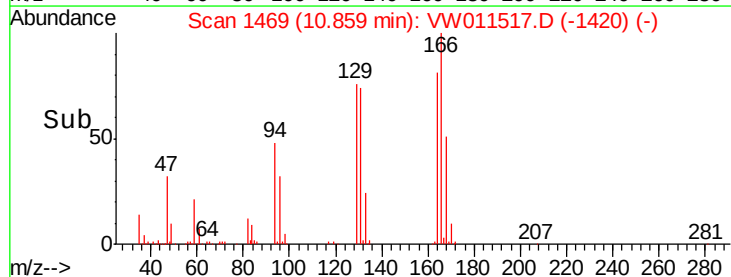
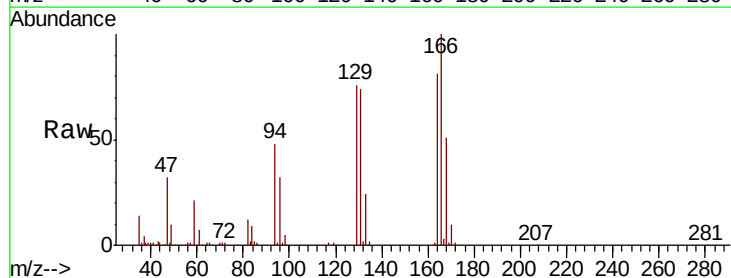
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

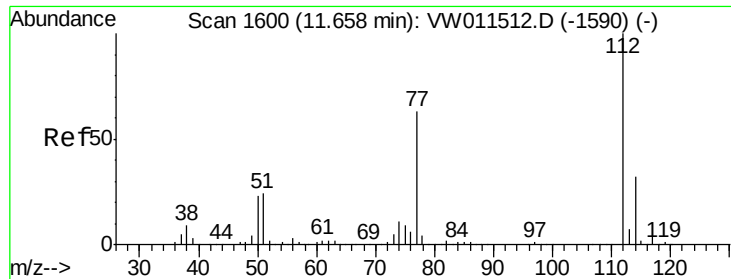
Tot Ion:117 Resp: 379418
Ion Ratio Lower Upper
117 100
82 60.3 47.9 71.9
119 31.2 26.2 39.2



#64
Tetrachloroethene
Concen: 21.387 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion:164 Resp: 52835
Ion Ratio Lower Upper
164 100
166 122.8 103.5 155.3
129 93.7 75.2 112.8
131 90.9 73.4 110.2

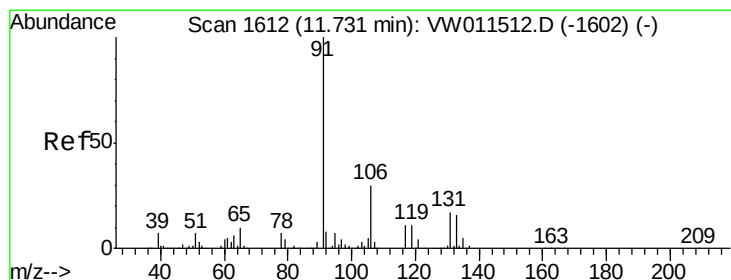
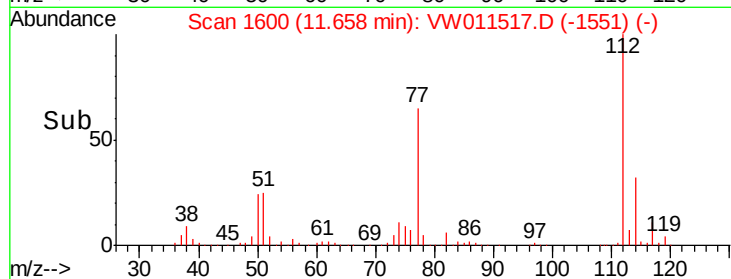
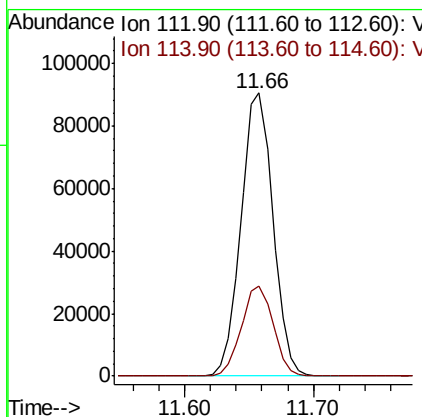
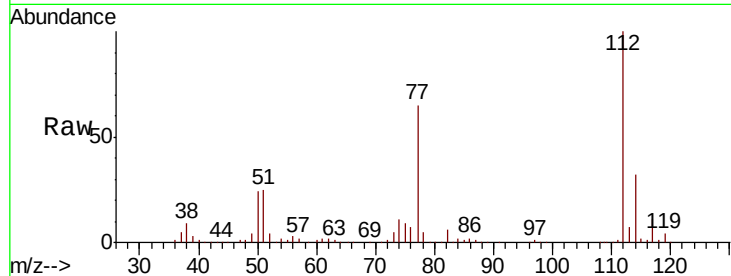




#65
Chlorobenzene
Concen: 20.283 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

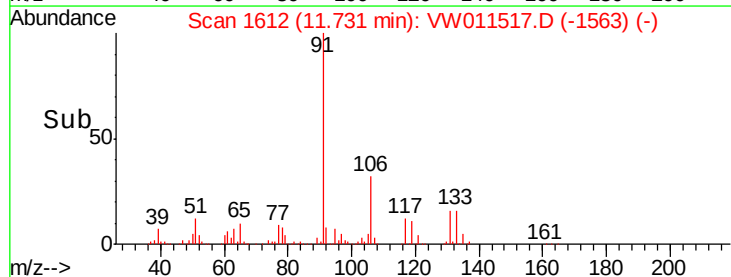
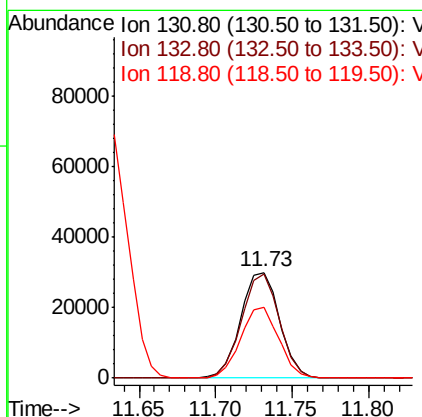
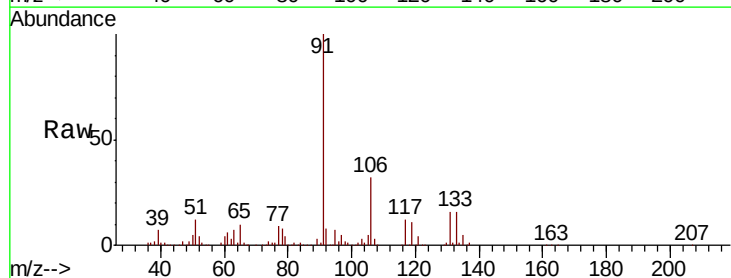
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

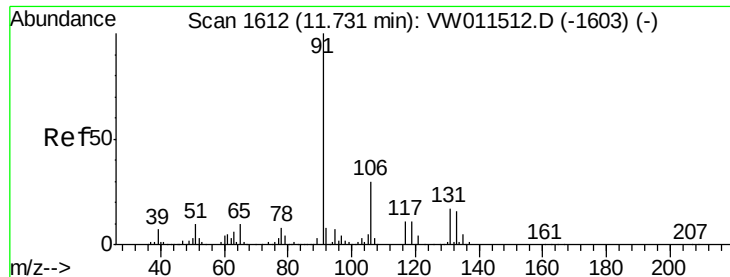
Tot Ion:112 Resp: 154717
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.949 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion:131 Resp: 53005
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 65.8 32.3 96.9





#67

Ethyl Benzene

Concen: 20.630 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

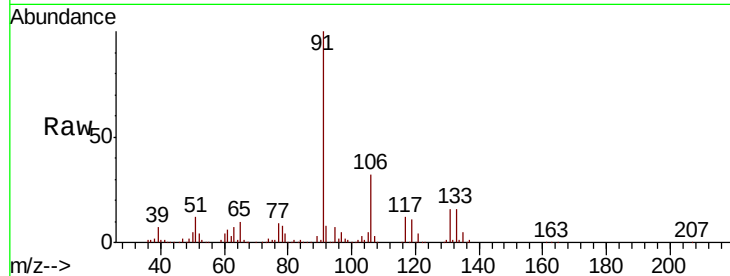
VW0727SBS01

Tot Ion: 91 Resp: 299706

Ion Ratio Lower Upper

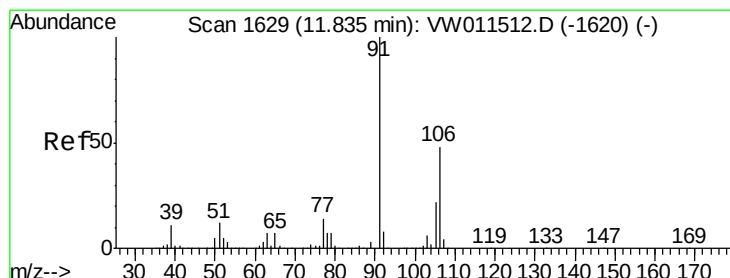
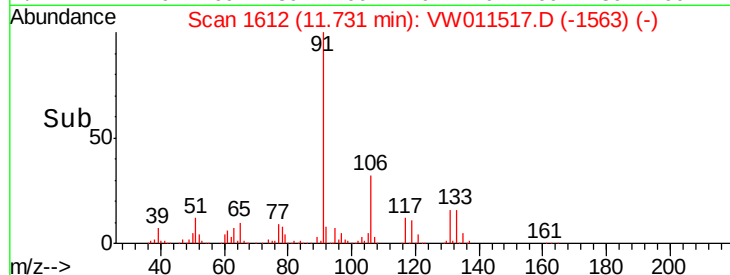
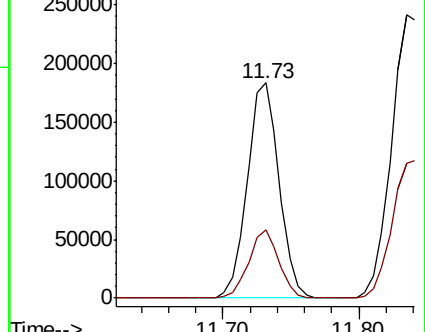
91 100

106 31.9 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.021 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW011517.D

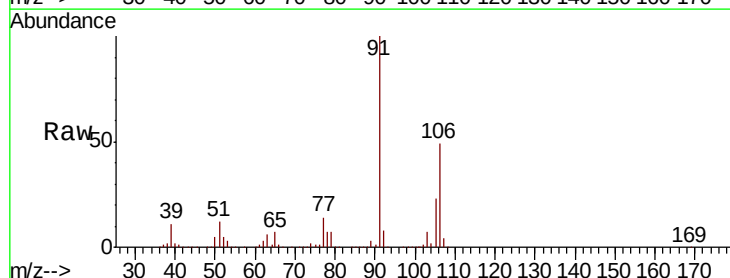
Acq: 26 Jul 2019 15:49

Tgt Ion: 106 Resp: 222015

Ion Ratio Lower Upper

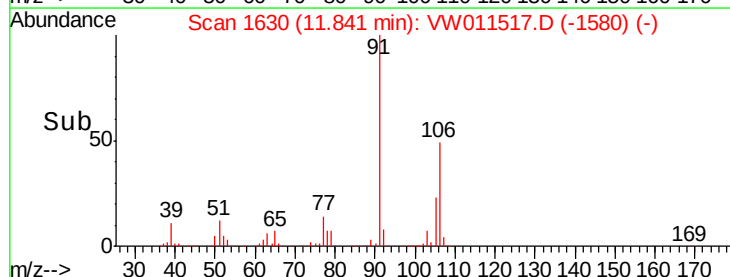
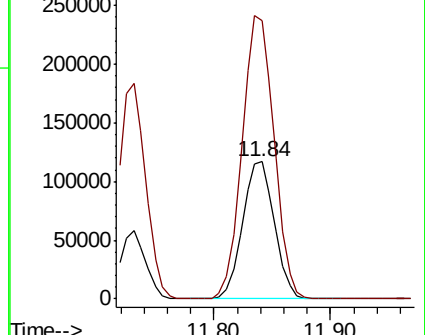
106 100

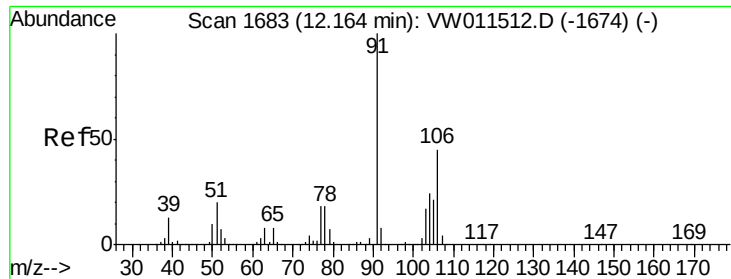
91 207.6 168.2 252.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

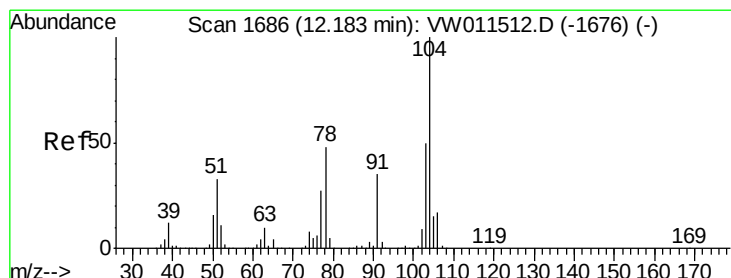
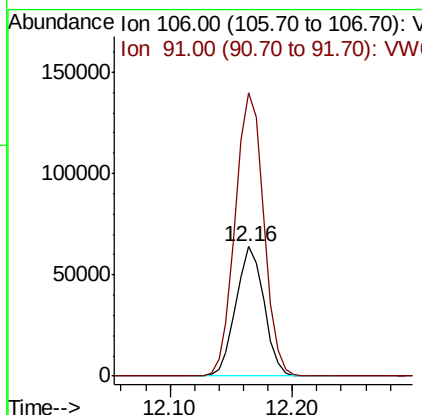
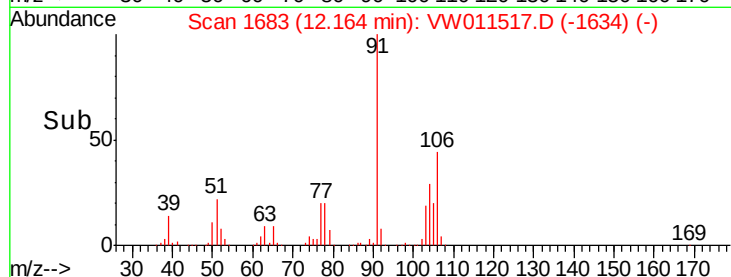
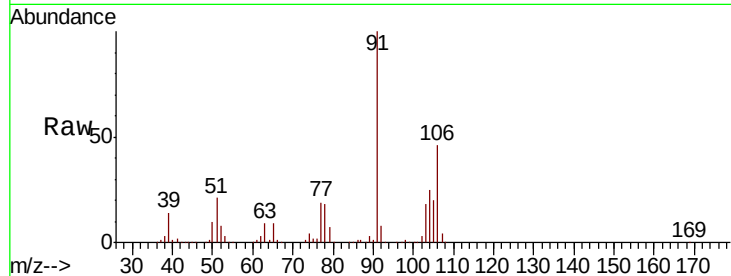




#69
o-Xylene
Concen: 20.653 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

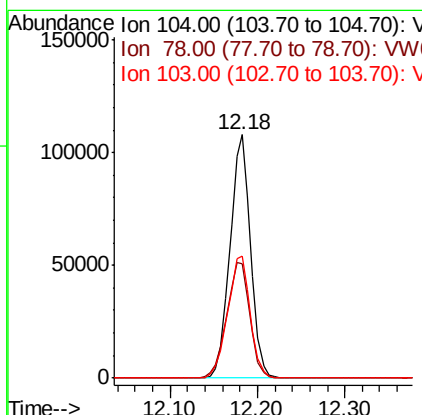
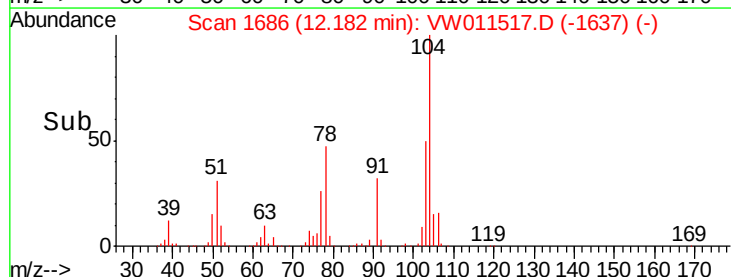
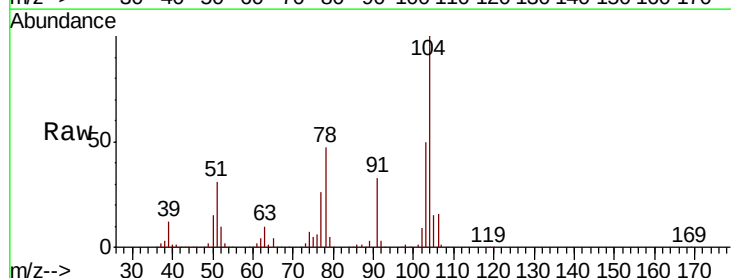
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

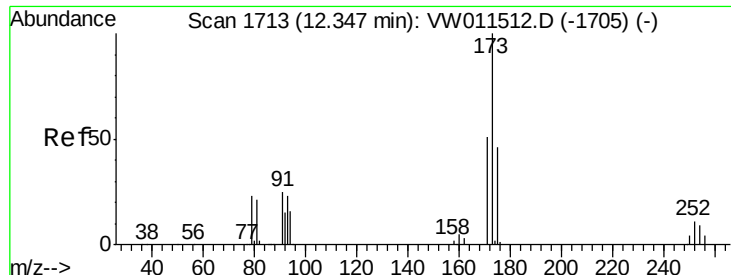
Tot Ion:106 Resp: 101399
Ion Ratio Lower Upper
106 100
91 222.6 110.5 331.5



#70
Styrene
Concen: 20.745 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion:104 Resp: 176099
Ion Ratio Lower Upper
104 100
78 53.4 43.4 65.0
103 54.8 43.9 65.9





#71

Bromoform

Concen: 19.368 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

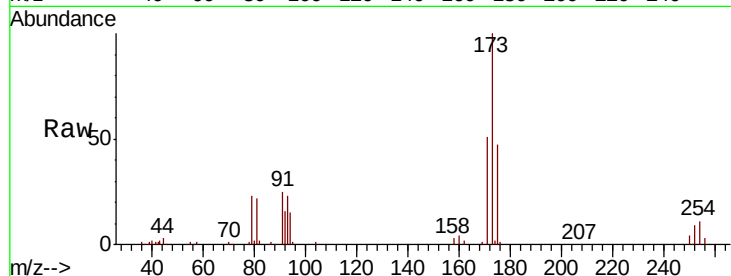
Tot Ion:173 Resp: 26238

Ion Ratio Lower Upper

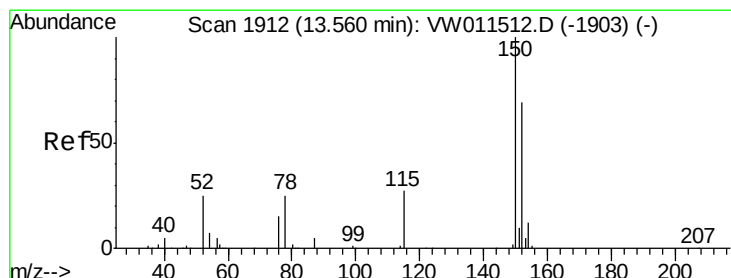
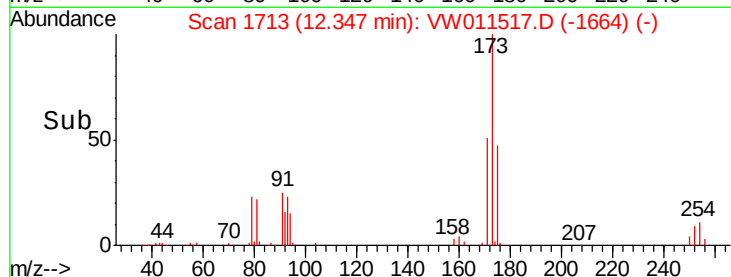
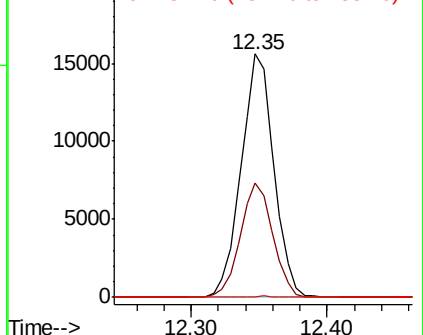
173 100

175 46.5 23.6 71.0

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

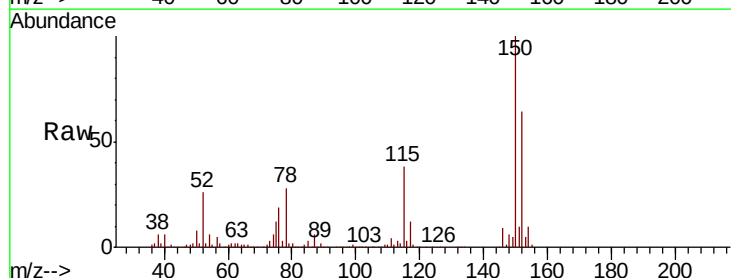
Tgt Ion:152 Resp: 183537

Ion Ratio Lower Upper

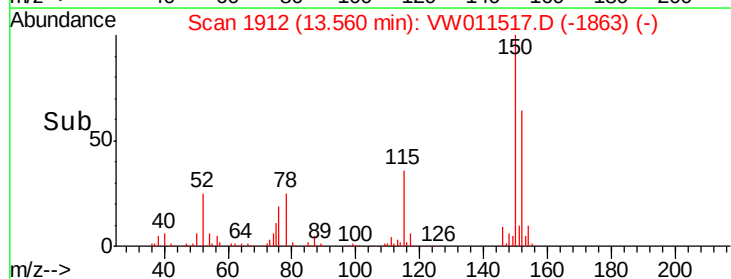
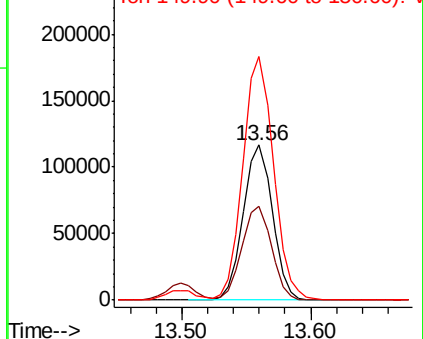
152 100

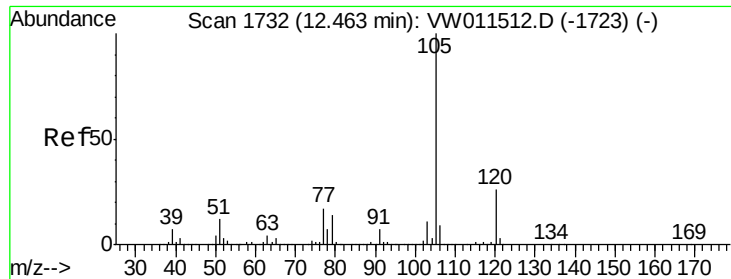
115 61.0 30.5 91.5

150 163.8 0.0 352.6



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: 20.893 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

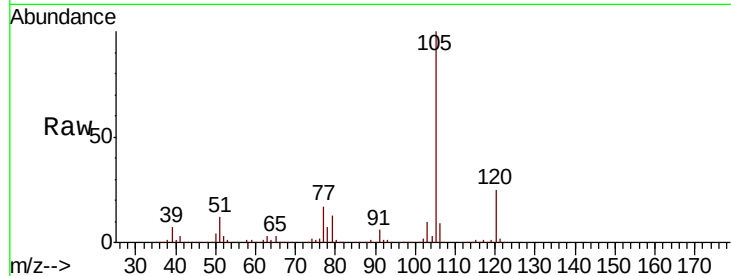
VW0727SBS01

Tot Ion:105 Resp: 286067

Ion Ratio Lower Upper

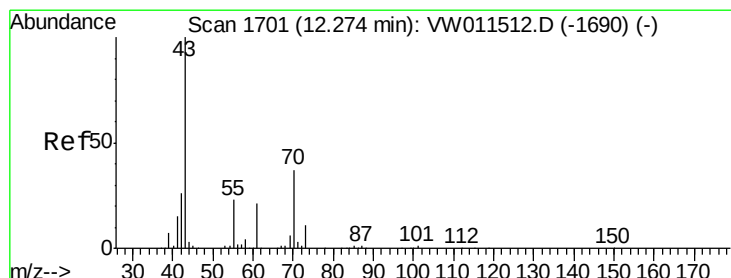
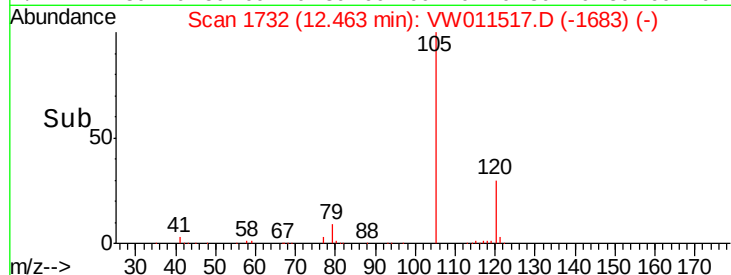
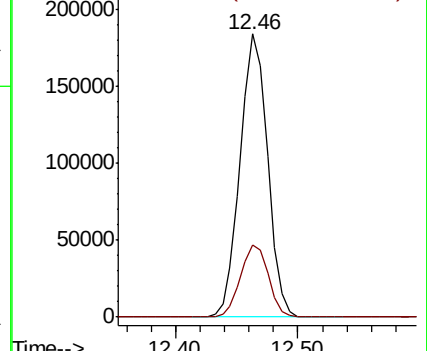
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.618 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Tgt Ion: 43 Resp: 84098

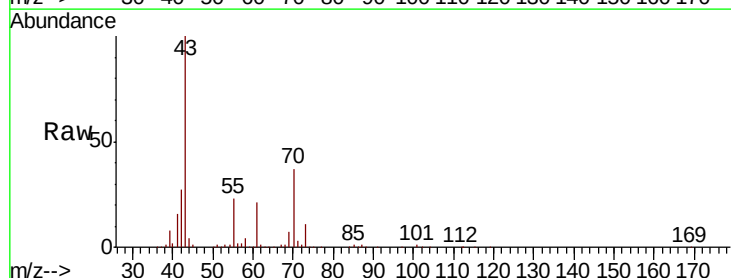
Ion Ratio Lower Upper

43 100

70 36.7 28.6 43.0

55 23.8 17.8 26.8

61 21.5 17.0 25.6

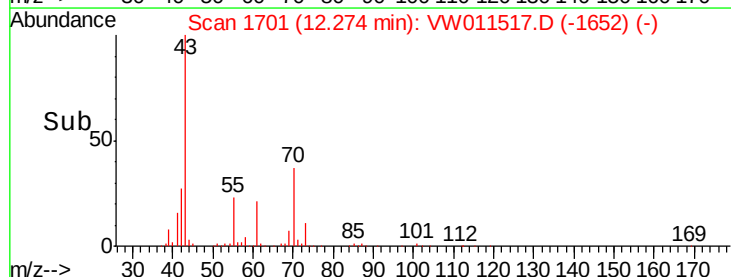
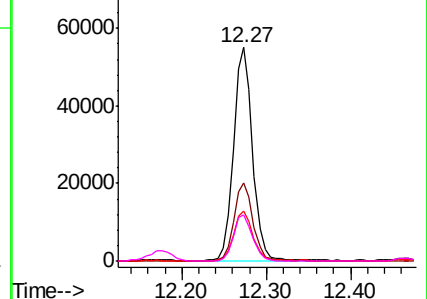


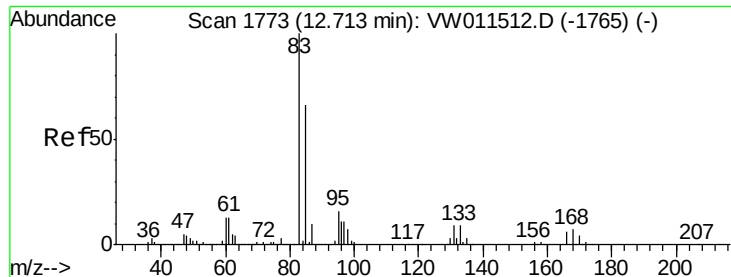
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 20.470 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

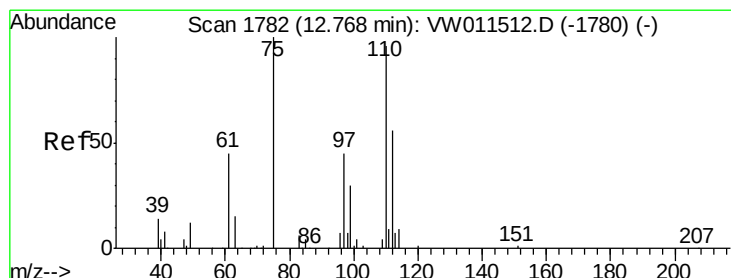
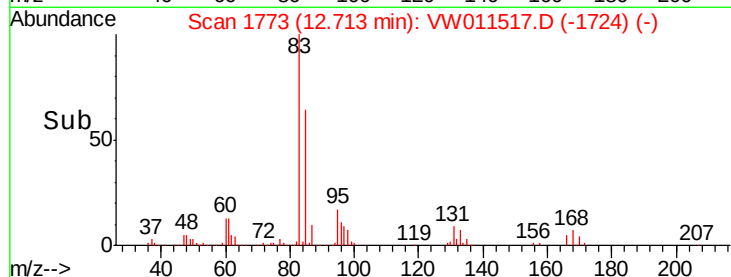
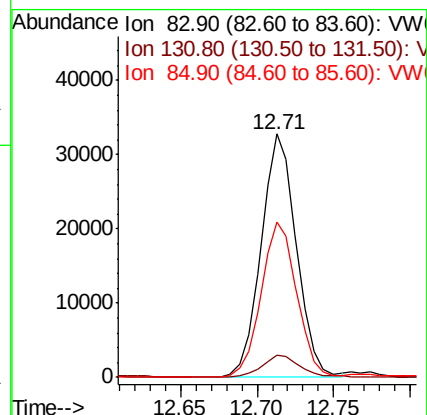
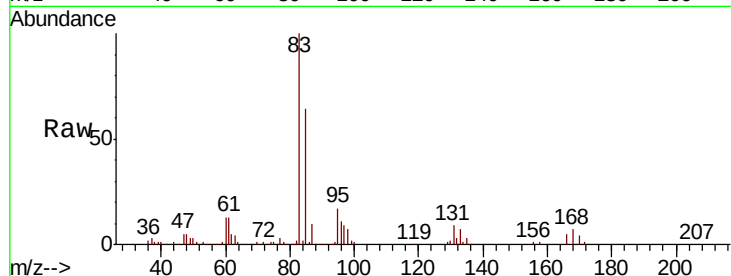
MSVOA_W

ClientSampleId :

VW0727SBS01

Tot Ion: 83 Resp: 52722

Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.6
85	64.1	31.8	95.4



#76

1,2,3-Trichloropropane

Concen: 35.206 ug/l

RT: 12.77 min Scan# 1782

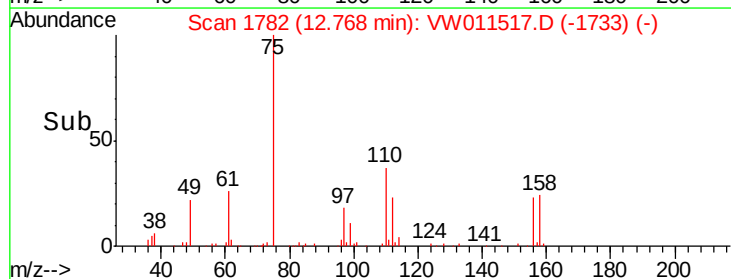
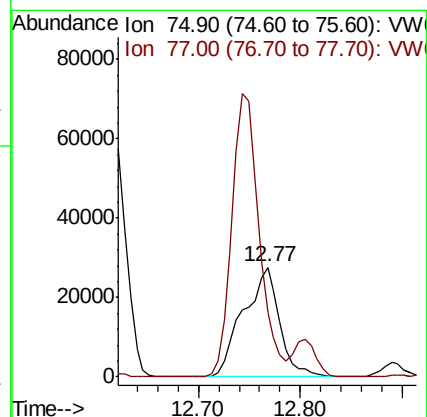
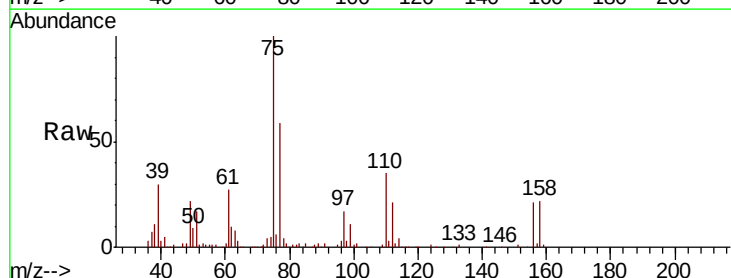
Delta R.T. -0.00 min

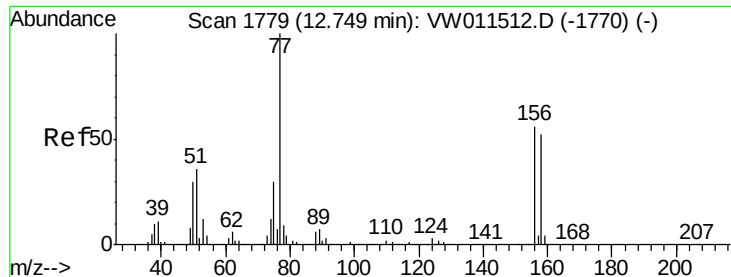
Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Tgt Ion: 75 Resp: 68372

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.581 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

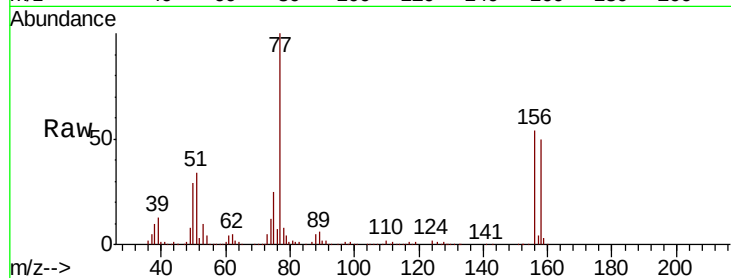
Tot Ion:156 Resp: 62287

Ion Ratio Lower Upper

156 100

77 212.6 106.5 319.4

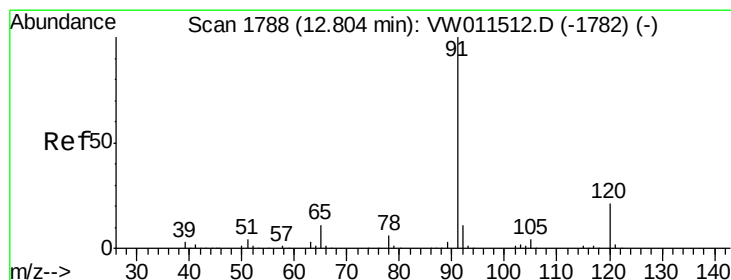
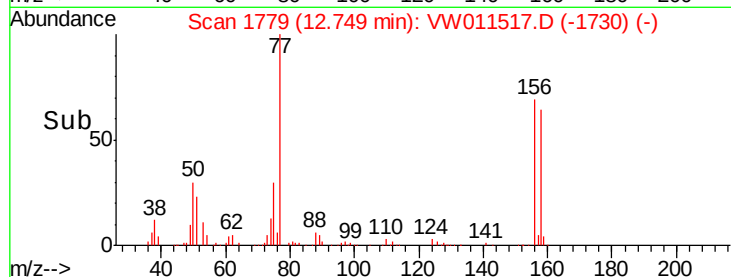
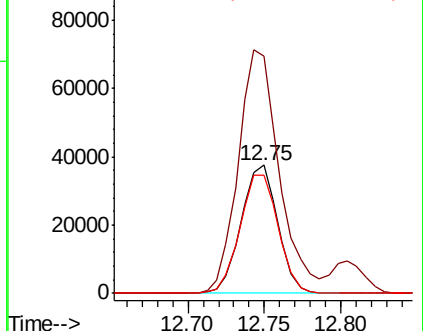
158 96.9 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.107 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011517.D

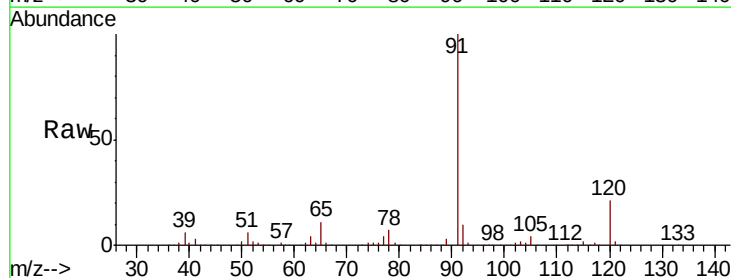
Acq: 26 Jul 2019 15:49

Tgt Ion: 91 Resp: 351716

Ion Ratio Lower Upper

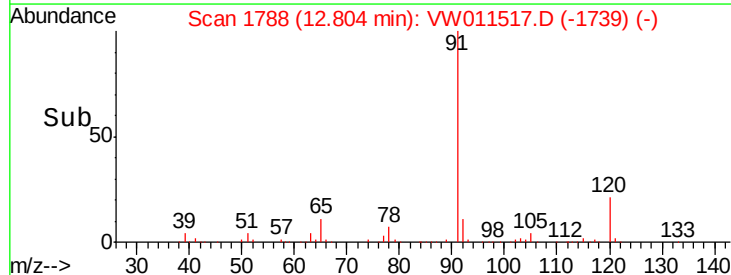
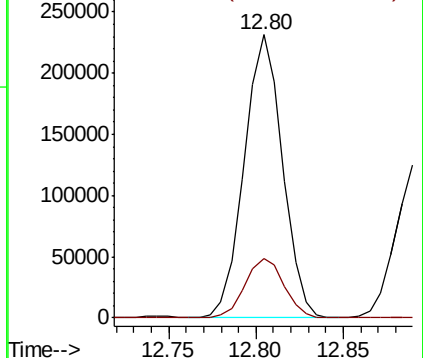
91 100

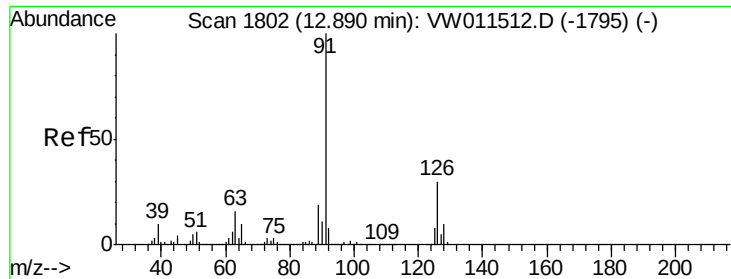
120 21.6 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.885 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

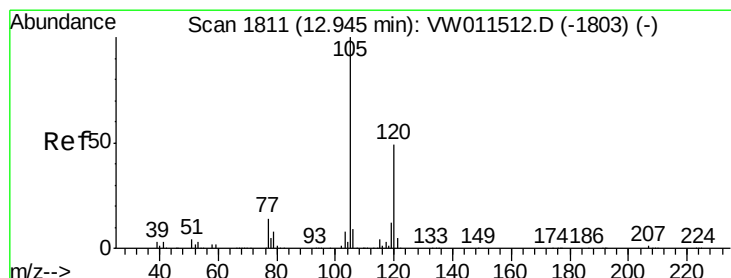
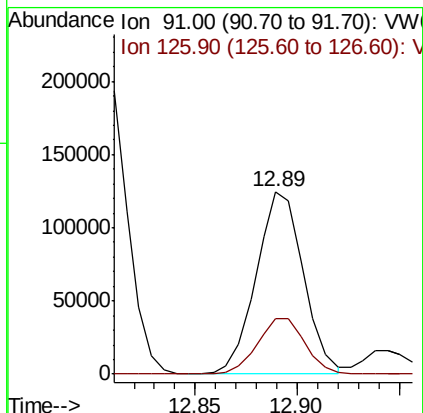
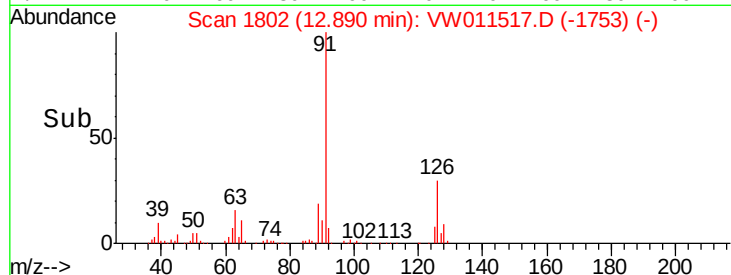
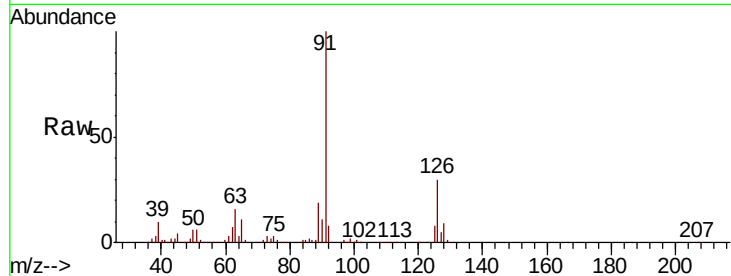
VW0727SBS01

Tot Ion: 91 Resp: 200499

Ion Ratio Lower Upper

91 100

126 30.9 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 21.173 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011517.D

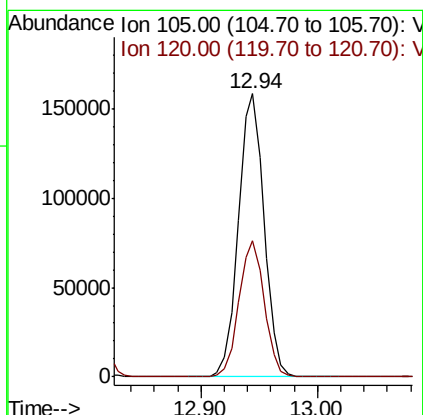
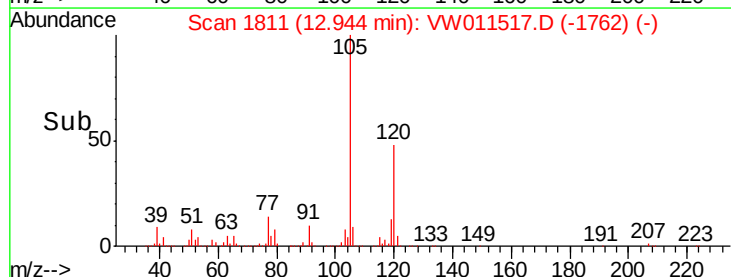
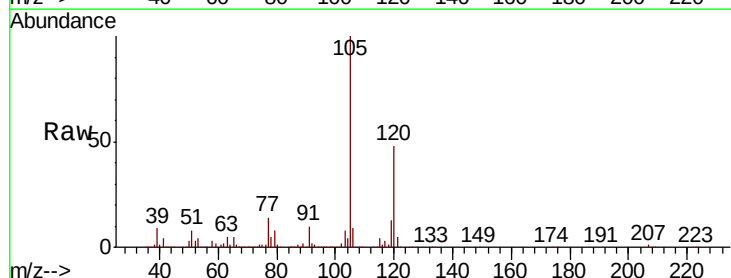
Acq: 26 Jul 2019 15:49

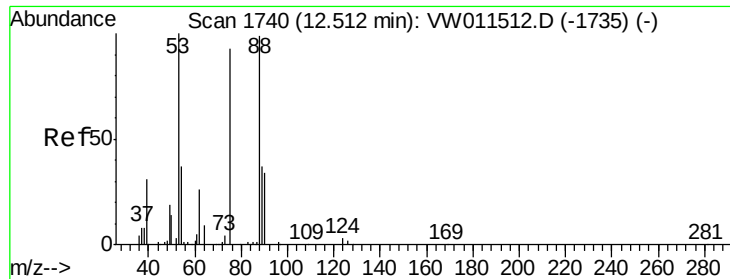
Tgt Ion:105 Resp: 243020

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.986 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

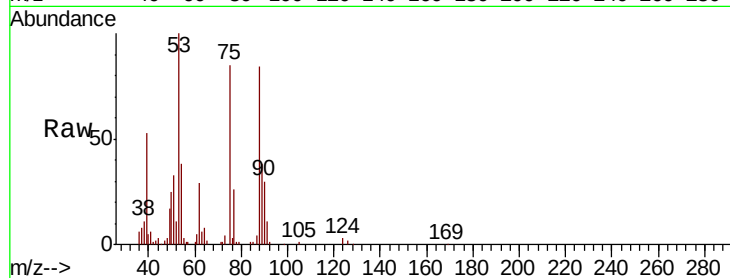
Tot Ion: 75 Resp: 15999

Ion Ratio Lower Upper

75 100

53 116.5 88.0 132.0

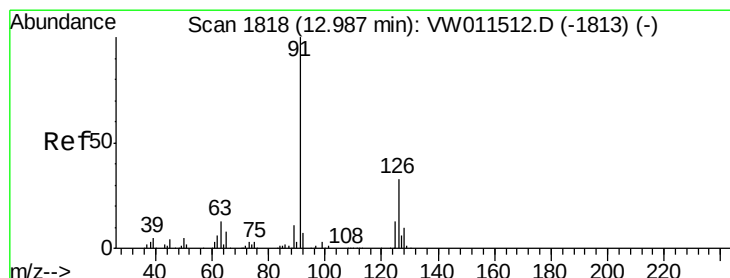
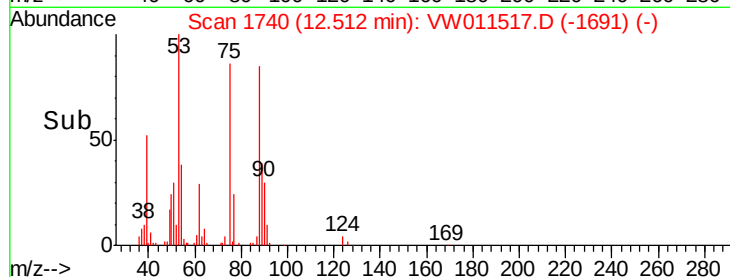
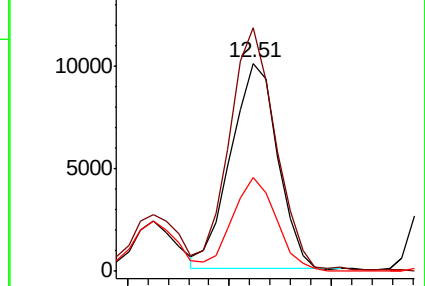
89 42.7 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 20.907 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011517.D

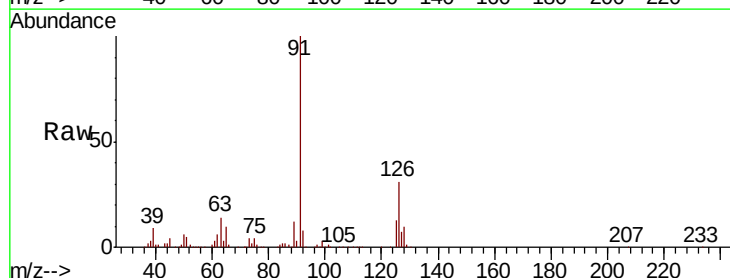
Acq: 26 Jul 2019 15:49

Tgt Ion: 91 Resp: 210582

Ion Ratio Lower Upper

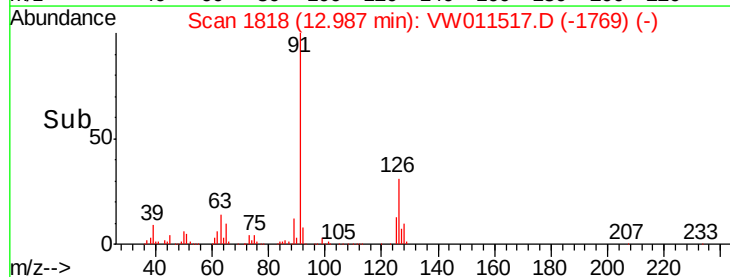
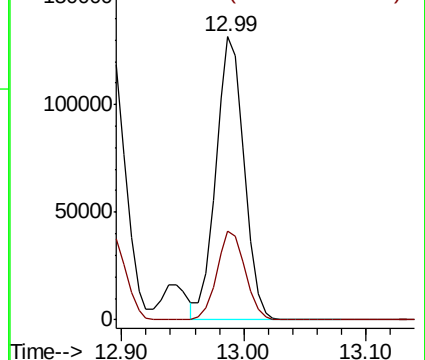
91 100

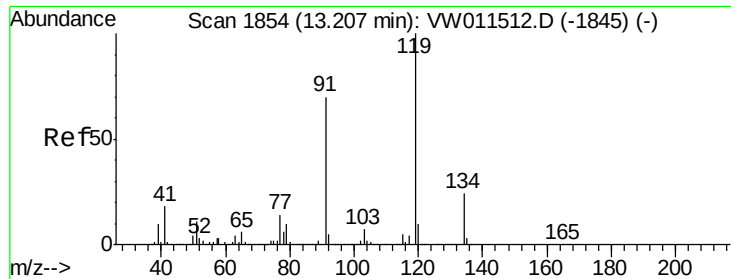
126 31.5 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

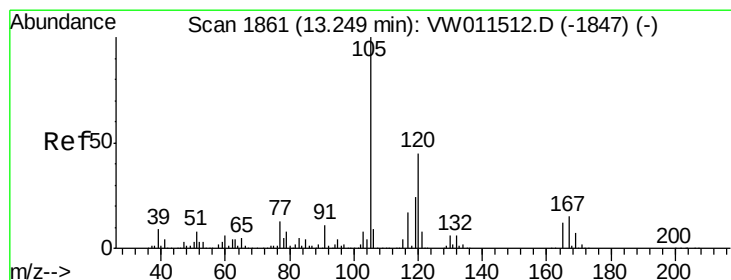
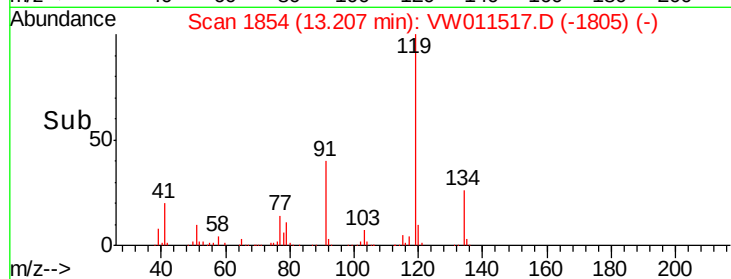
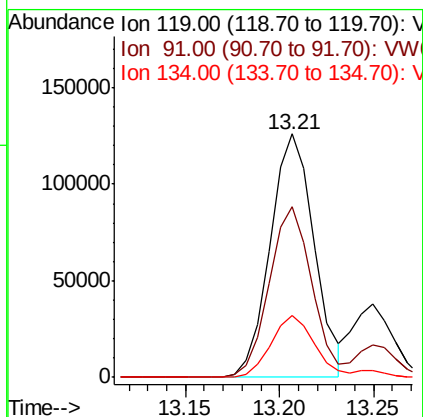
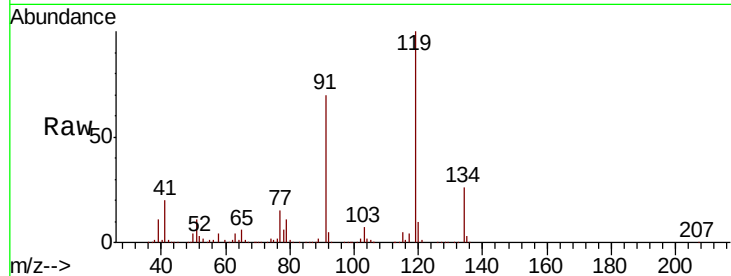




#83
tert-Butylbenzene
Concen: 21.249 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

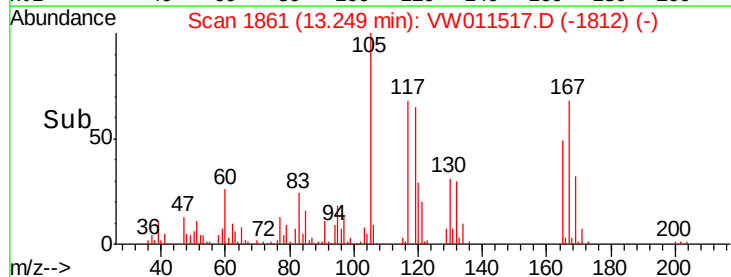
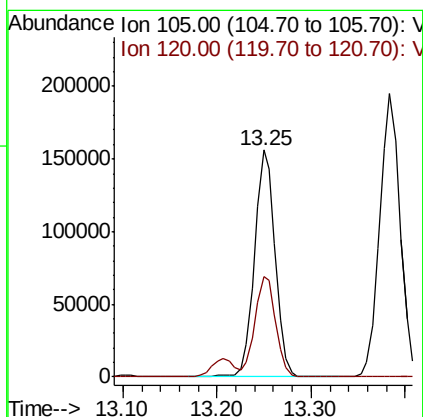
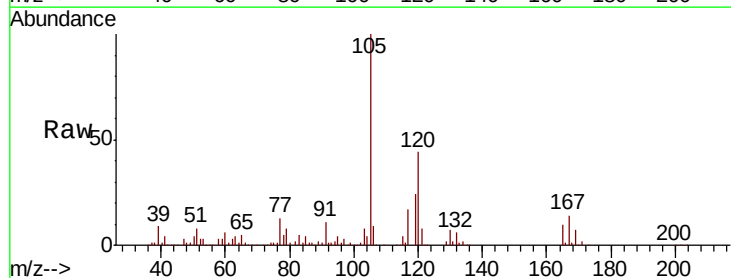
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

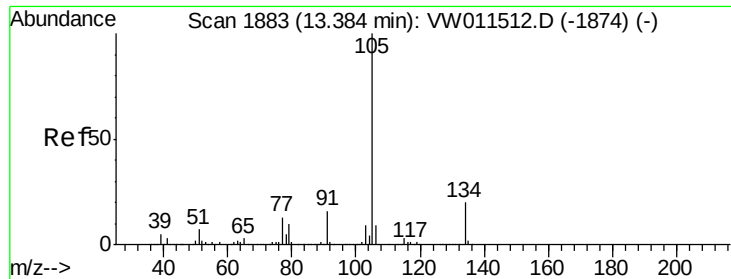
Tot Ion:119 Resp: 203946
Ion Ratio Lower Upper
119 100
91 68.0 34.5 103.6
134 25.2 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 20.849 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion:105 Resp: 241060
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 21.399 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

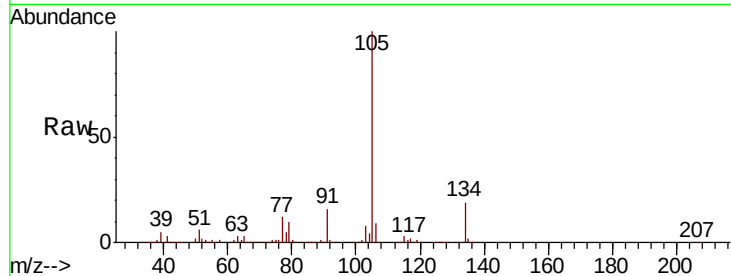
VW0727SBS01

Tot Ion:105 Resp: 293068

Ion Ratio Lower Upper

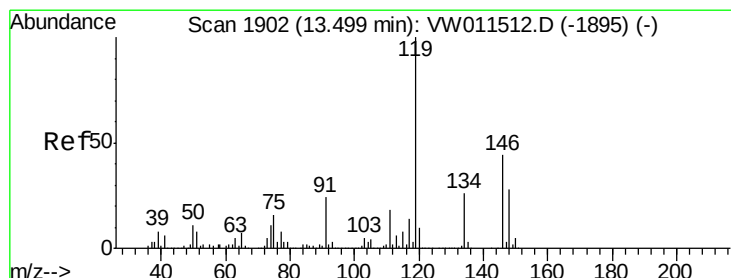
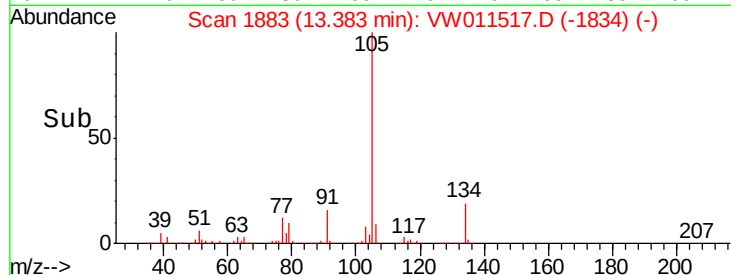
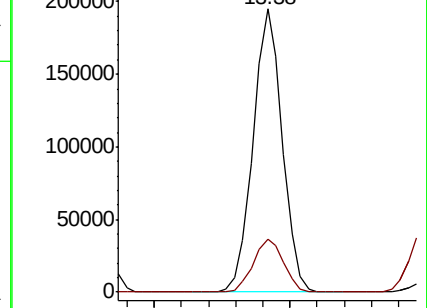
105 100

134 19.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.060 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

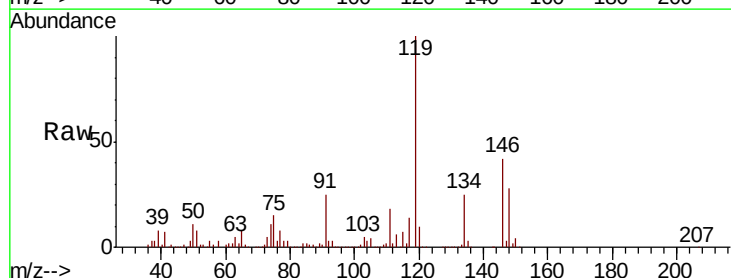
Tgt Ion:119 Resp: 261691

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

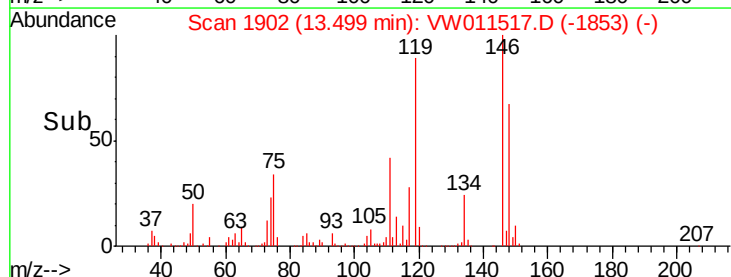
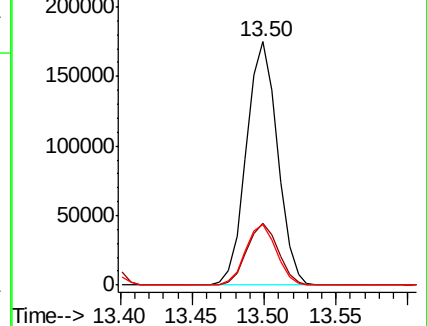
91 24.6 12.1 36.3

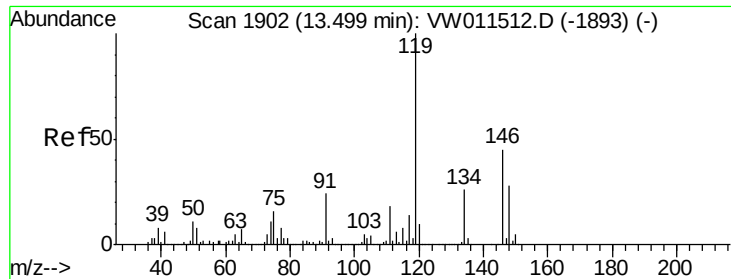


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

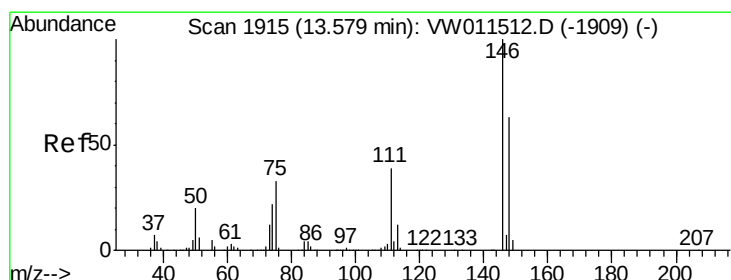
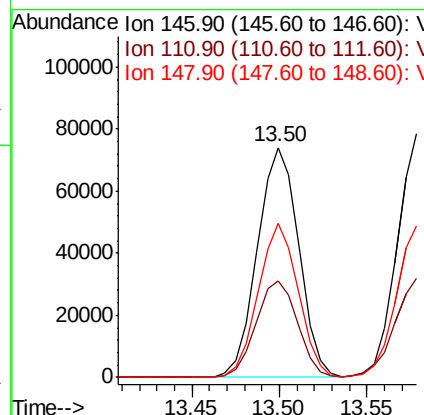
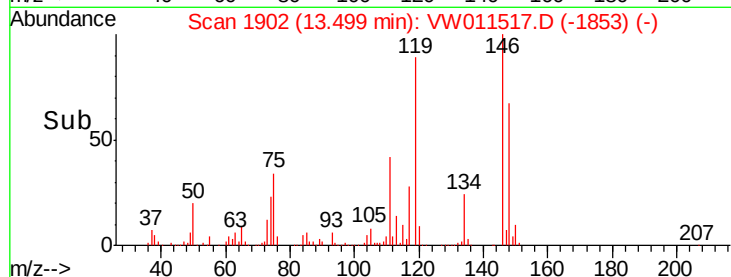
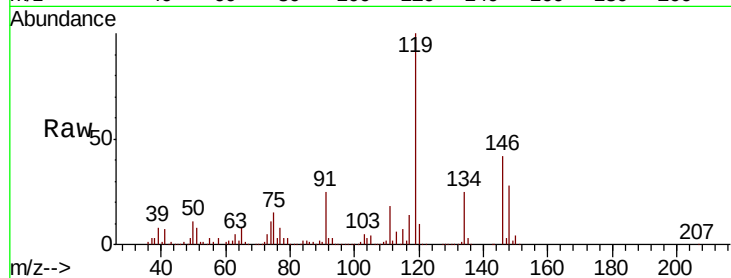




#87
 1,3-Dichlorobenzene
 Concen: 20.469 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

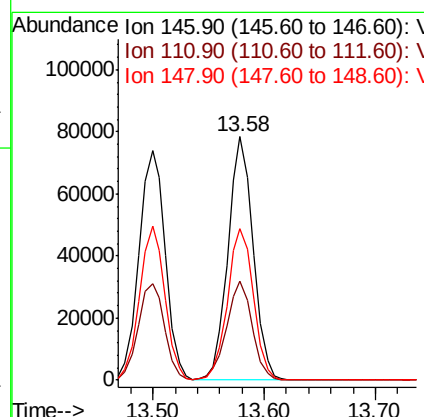
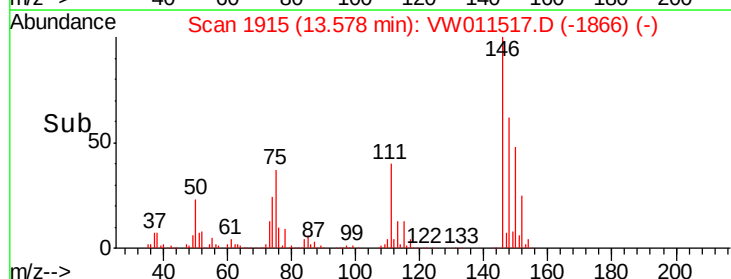
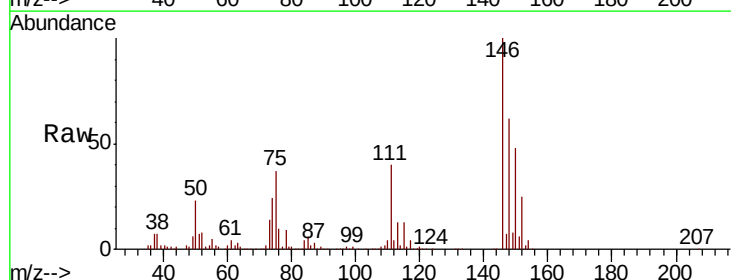
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

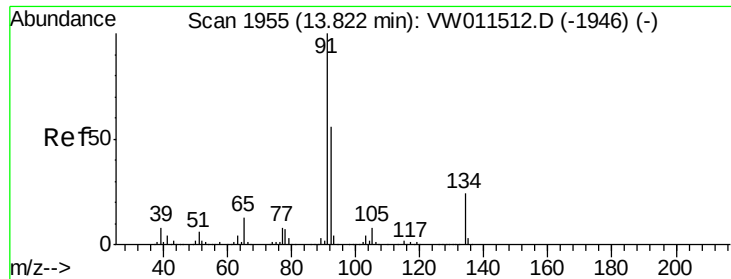
Tot Ion:146 Resp: 121465
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.5 61.6
 148 64.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.689 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion:146 Resp: 122131
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.1 60.2
 148 64.1 31.9 95.9





#89

n-Butylbenzene

Concen: 21.231 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

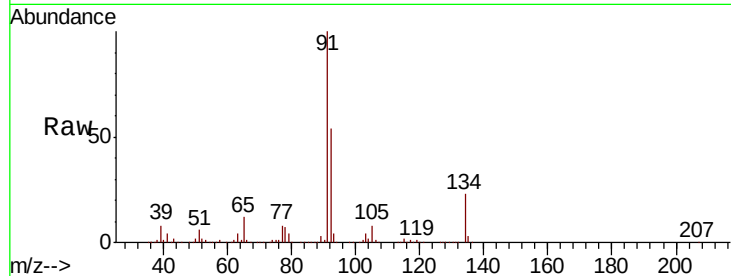
Tot Ion: 91 Resp: 263271

Ion Ratio Lower Upper

91 100

92 54.9 27.5 82.4

134 24.6 12.2 36.6

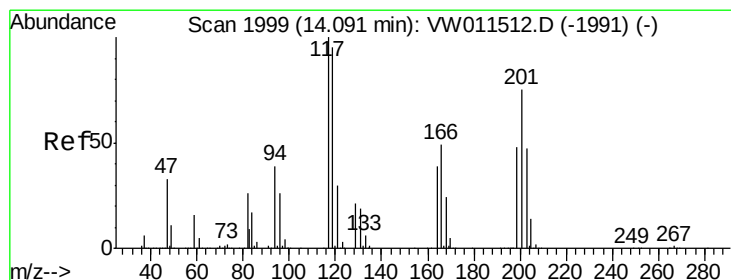
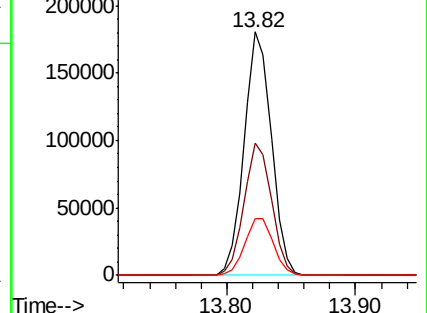
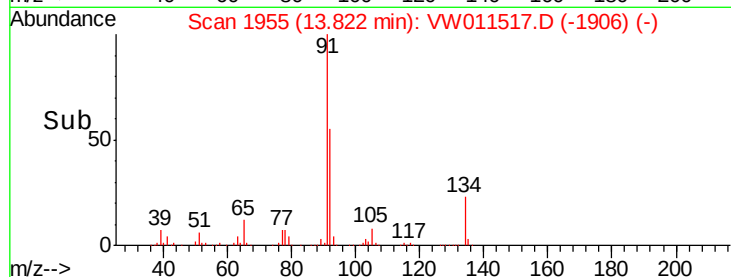


Abundance

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: 20.397 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW011517.D

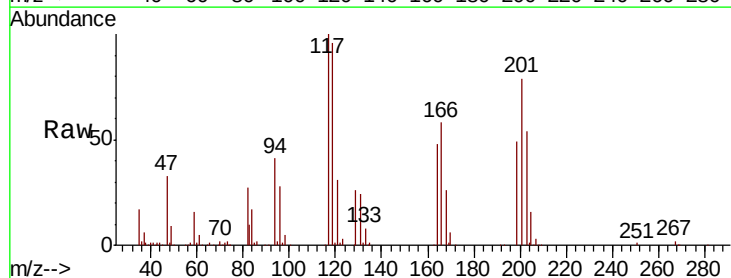
Acq: 26 Jul 2019 15:49

Tgt Ion: 117 Resp: 44818

Ion Ratio Lower Upper

117 100

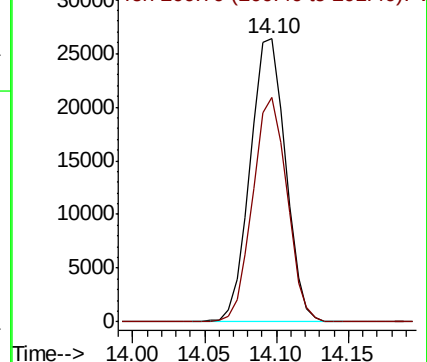
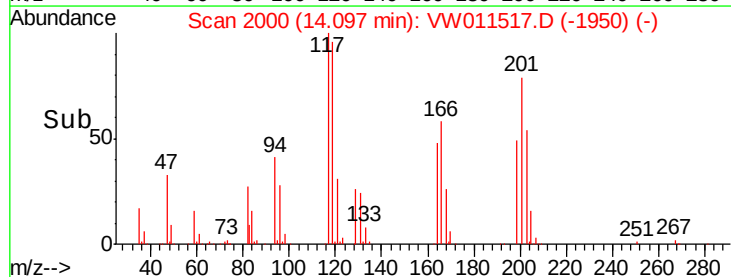
201 77.0 39.4 118.2

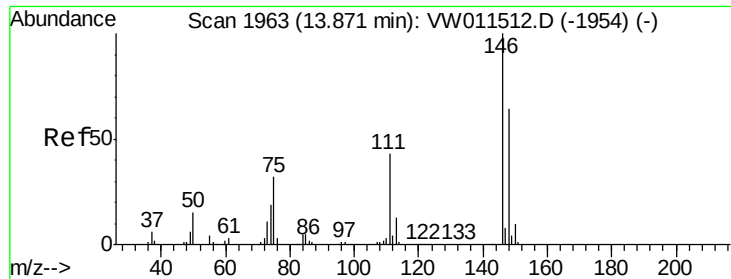


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

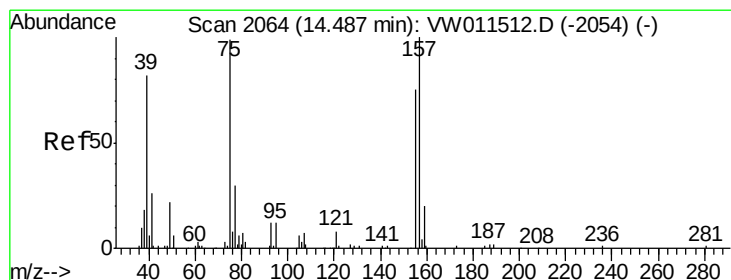
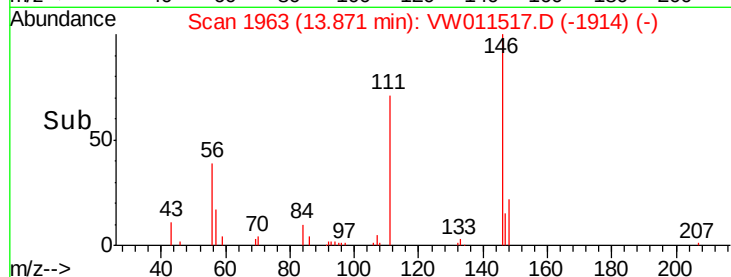
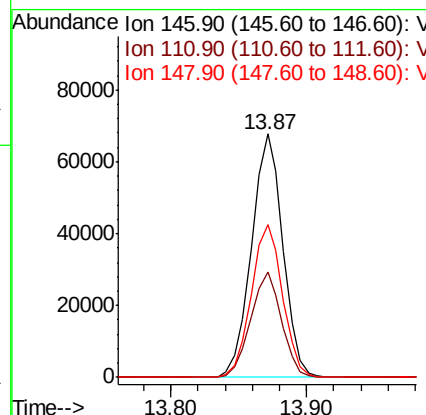
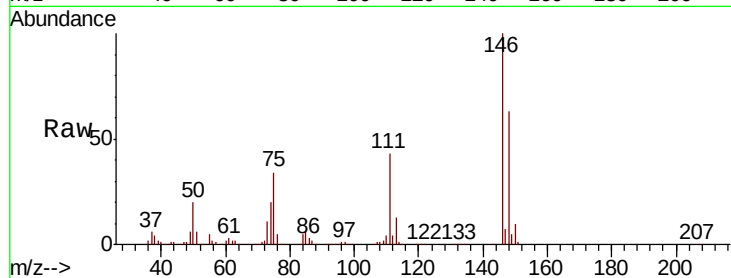




#91
 1,2-Dichlorobenzene
 Concen: 20.780 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

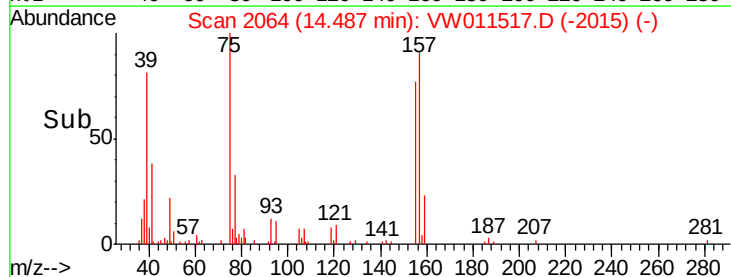
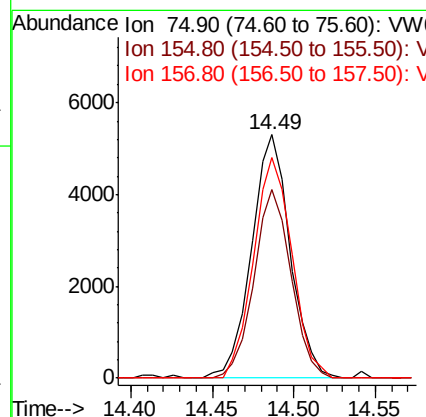
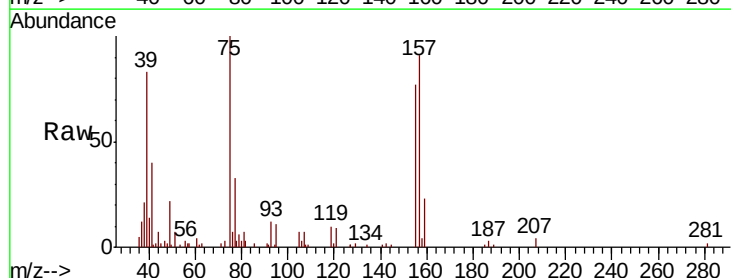
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

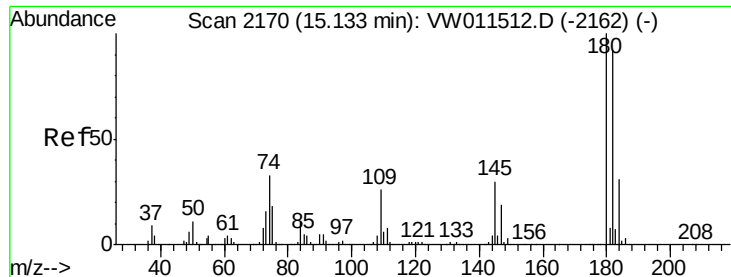
Tot Ion:146 Resp: 109064
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.6 65.0
 148 62.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.898 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion: 75 Resp: 8739
 Ion Ratio Lower Upper
 75 100
 155 74.4 38.2 114.6
 157 90.2 48.9 146.7

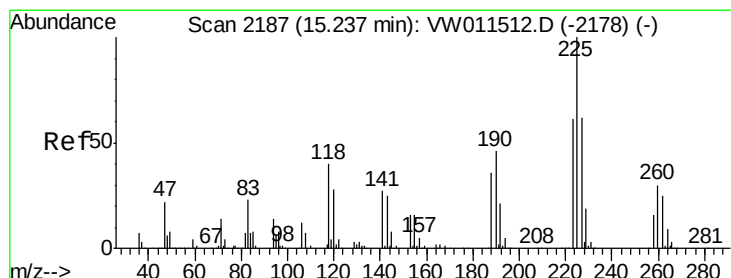
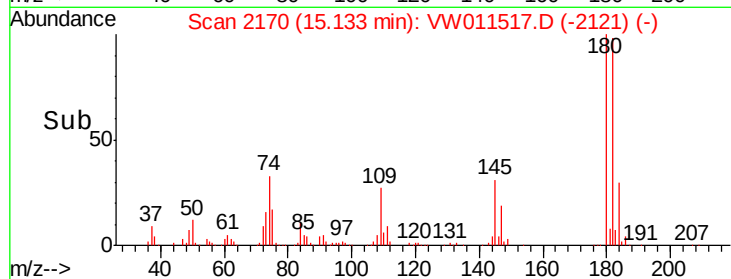
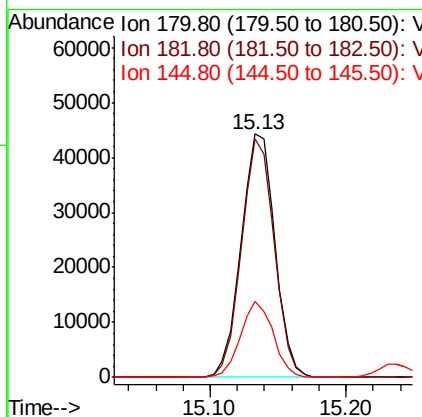
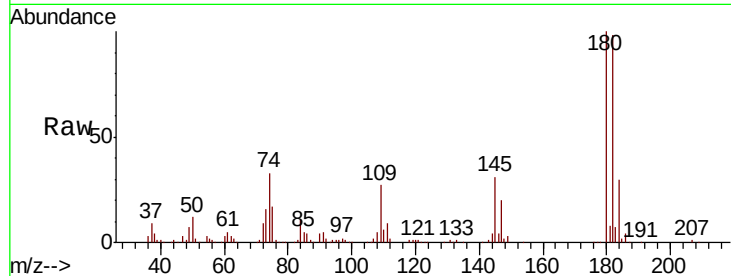




#93
 1,2,4-Trichlorobenzene
 Concen: 20.817 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

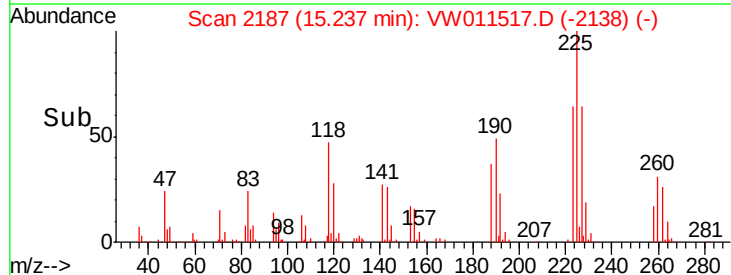
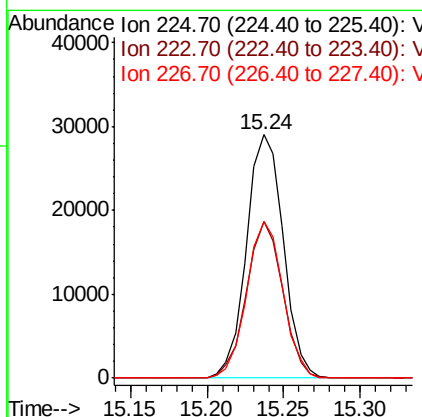
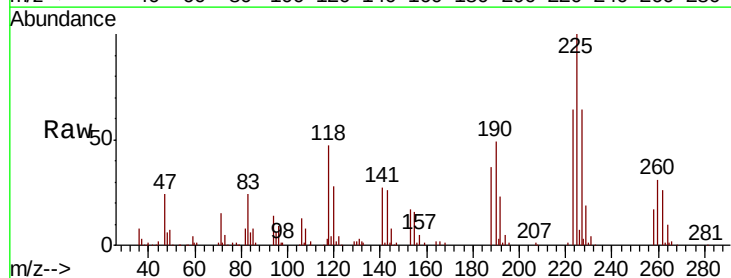
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

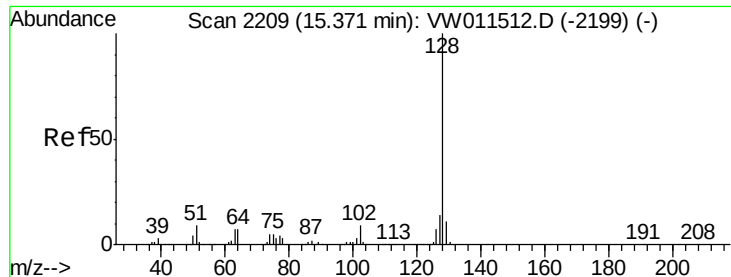
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.2
145	30.0	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 21.106 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	30.8	92.3
227	63.5	31.6	94.7





#95

Naphthalene

Concen: 19.674 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

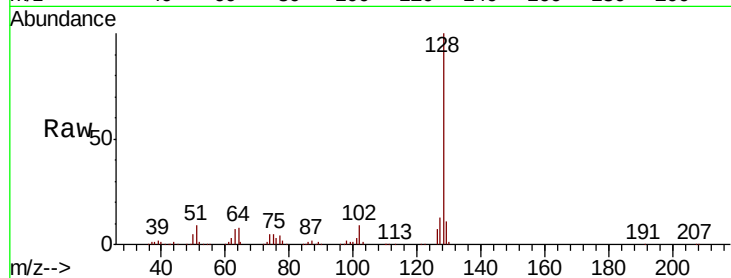
Tot Ion:128 Resp: 133084

Ion Ratio Lower Upper

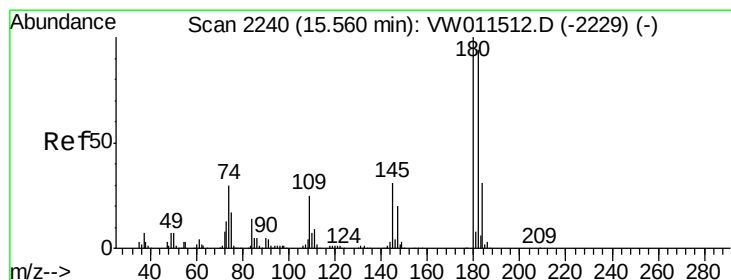
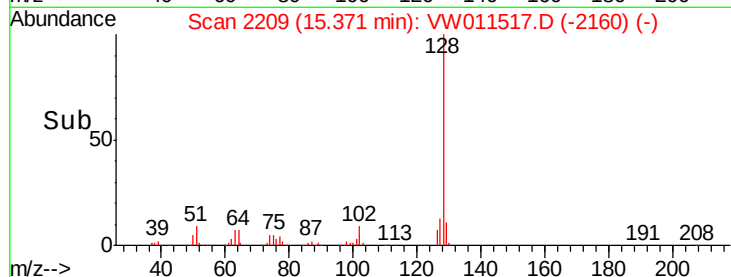
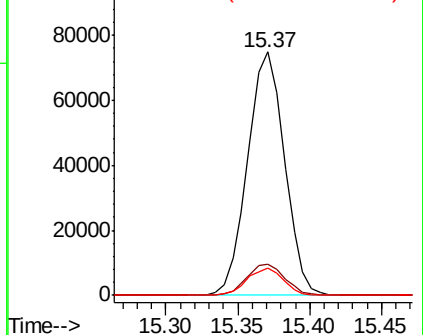
128 100

127 13.2 10.6 16.0

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.063 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

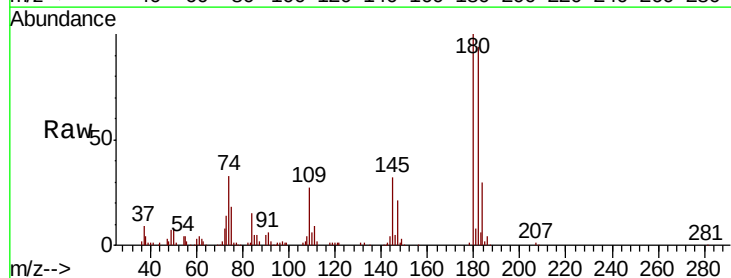
Tgt Ion:180 Resp: 65051

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.2

145 33.0 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

