

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
 Data File : VW012294.D
 Acq On : 29 Aug 2019 11:19
 Operator : SY/VA
 Sample : VW0829SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

Quant Time: Aug 30 06:46:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	180145	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	157371	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	7.88	113	130175	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.32	98	541347	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.62	95	189798	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29745	17.301	ug/l	100
3) Chloromethane	2.21	50	47478	17.824	ug/l	98
4) Vinyl Chloride	2.35	62	58565	17.963	ug/l	99
5) Bromomethane	2.77	94	26367	15.969	ug/l	99
6) Chloroethane	2.90	64	32080	17.443	ug/l	98
7) Trichlorofluoromethane	3.24	101	31936	19.508	ug/l	96
8) Diethyl Ether	3.68	74	30323	19.514	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51984	18.681	ug/l	98
10) Methyl Iodide	4.26	142	70796	18.803	ug/l	98
11) Tert butyl alcohol	5.20	59	18570	92.963	ug/l	95
12) 1,1-Dichloroethene	4.03	96	52422	18.717	ug/l	96
13) Acrolein	3.89	56	14877	79.118	ug/l	94
14) Allyl chloride	4.66	41	117060	19.550	ug/l	99
15) Acrylonitrile	5.37	53	72595	94.254	ug/l	99
16) Acetone	4.13	43	68518	80.753	ug/l	98
17) Carbon Disulfide	4.37	76	131339	15.516	ug/l	100
18) Methyl Acetate	4.67	43	40521	19.281	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	91806	20.269	ug/l	99
20) Methylene Chloride	4.91	84	60434	18.841	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	57471	19.135	ug/l	96
22) Diisopropyl ether	6.31	45	225908	20.354	ug/l	98
23) Vinyl Acetate	6.25	43	656567	96.125	ug/l	100
24) 1,1-Dichloroethane	6.21	63	120021	19.861	ug/l	99
25) 2-Butanone	7.17	43	101812	88.302	ug/l	98
26) 2,2-Dichloropropane	7.17	77	68407	19.999	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	63360	19.745	ug/l	98
28) Bromochloromethane	7.51	49	52752	20.028	ug/l	# 98
29) Tetrahydrofuran	7.53	42	66007	95.420	ug/l	99
30) Chloroform	7.67	83	108783	19.676	ug/l	96
31) Cyclohexane	7.95	56	109533	18.320	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	87108	19.916	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88373	19.475	ug/l	99
37) Ethyl Acetate	7.25	43	47868	19.250	ug/l	98
38) Carbon Tetrachloride	8.07	117	74808	19.047	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	98424	19.307	ug/l	95
40) Benzene	8.32	78	244944	19.769	ug/l	98
41) Methacrylonitrile	7.48	41	28944	19.805	ug/l	96
42) 1,2-Dichloroethane	8.40	62	74165	19.098	ug/l	98
43) Isopropyl Acetate	8.42	43	88818	19.283	ug/l	98
44) Trichloroethene	9.09	130	60407	20.055	ug/l	98
45) 1,2-Dichloropropane	9.37	63	66323	19.889	ug/l	96
46) Dibromomethane	9.46	93	28860	19.451	ug/l	98
47) Bromodichloromethane	9.64	83	78294	19.828	ug/l	99
48) Methyl methacrylate	9.43	41	42442	19.360	ug/l	97
49) 1,4-Dioxane	9.47	88	7592	334.248	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	224931	96.012	ug/l	100
52) Toluene	10.38	92	149746	20.118	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	79300	19.715	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	95930	19.752	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	41856	19.939	ug/l	96
56) Ethyl methacrylate	10.65	69	61007	19.968	ug/l	96
57) 1,3-Dichloropropane	10.93	76	78993	19.913	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	159779	101.899	ug/l	100
59) 2-Hexanone	10.97	43	155730	93.947	ug/l	100
60) Dibromochloromethane	11.13	129	45694	19.542	ug/l	99
61) 1,2-Dibromoethane	11.23	107	38537	19.705	ug/l	99
64) Tetrachloroethene	10.86	164	49176	19.976	ug/l	97
65) Chlorobenzene	11.66	112	150037	20.067	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	52307	20.054	ug/l	99
67) Ethyl Benzene	11.73	91	293377	20.370	ug/l	98
68) m/p-Xylenes	11.84	106	210903	40.653	ug/l	99
69) o-Xylene	12.16	106	97842	20.377	ug/l	100
70) Styrene	12.18	104	170031	20.458	ug/l	99
71) Bromoform	12.35	173	25034	19.264	ug/l #	98
73) Isopropylbenzene	12.46	105	281379	20.845	ug/l	99
74) N-amyl acetate	12.27	43	79419	19.474	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	48702	19.680	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	63780	36.353	ug/l #	100
77) Bromobenzene	12.74	156	60387	20.679	ug/l	96
78) n-propylbenzene	12.80	91	338328	20.531	ug/l	99
79) 2-Chlorotoluene	12.89	91	191598	20.479	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	233325	20.686	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15451	19.309	ug/l	99
82) 4-Chlorotoluene	12.99	91	202681	20.690	ug/l	100
83) tert-Butylbenzene	13.21	119	201513	21.091	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	231226	20.408	ug/l	99
85) sec-Butylbenzene	13.38	105	288199	21.054	ug/l	99
86) p-Isopropyltoluene	13.50	119	257111	21.032	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	117008	20.485	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	115380	20.344	ug/l	98
89) n-Butylbenzene	13.82	91	252139	20.741	ug/l	99
90) Hexachloroethane	14.09	117	42700	19.909	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	103033	20.562	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7622	18.270	ug/l	100

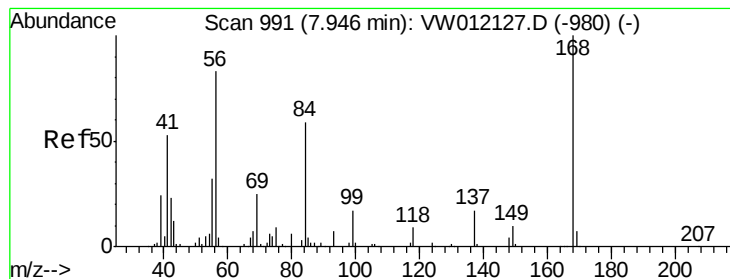
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	73255	21.155	ug/l	99
94) Hexachlorobutadiene	15.24	225	47523	20.784	ug/l	99
95) Naphthalene	15.36	128	127808	21.505	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	64023	21.191	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

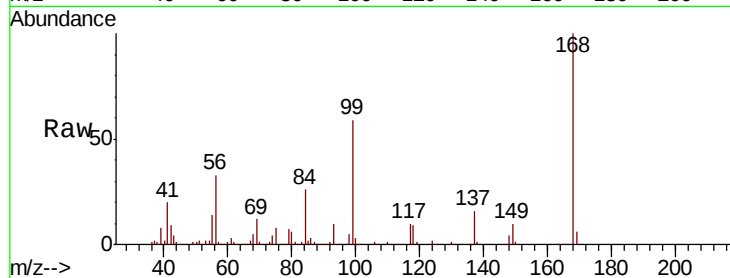
VW0829SBS01

Tgt Ion:168 Resp: 279228

Ion Ratio Lower Upper

168 100

99 59.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

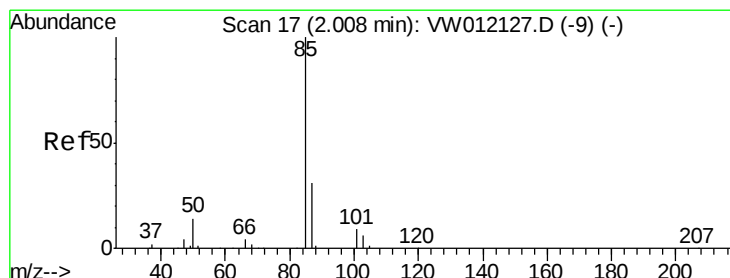
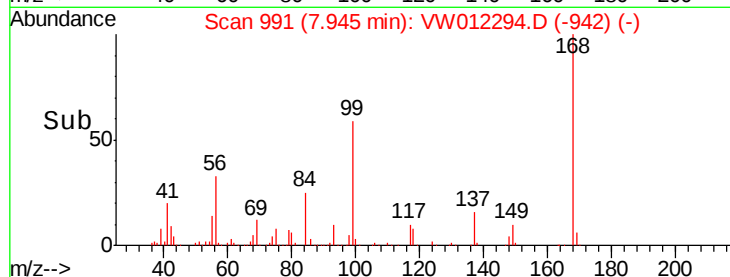
100000

50000

0

Time-->

7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 17.301 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012294.D

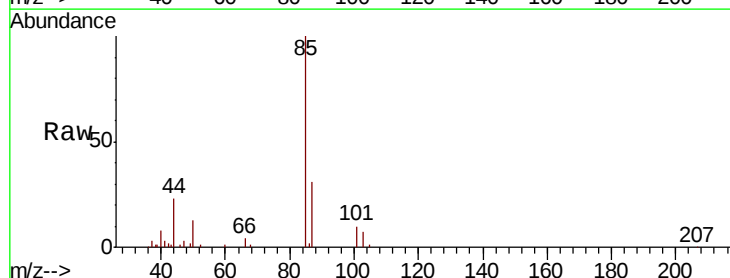
Acq: 29 Aug 2019 11:19

Tgt Ion: 85 Resp: 29745

Ion Ratio Lower Upper

85 100

87 31.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

6000

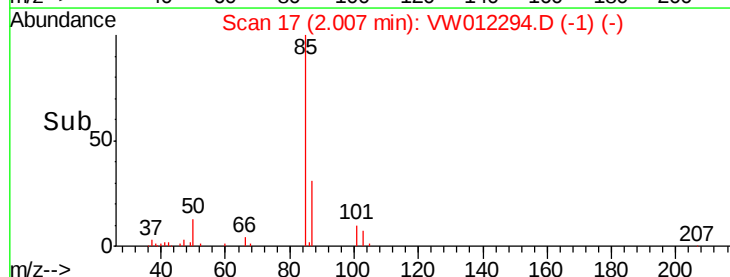
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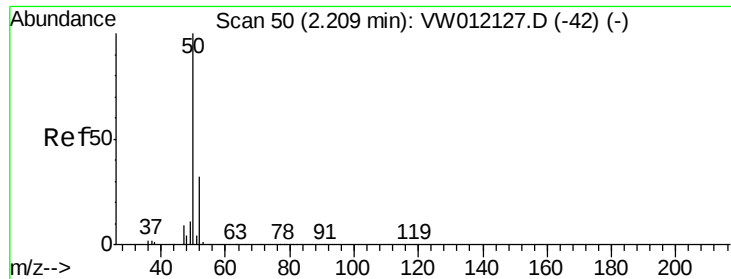
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Time-->

1.90 2.00 2.10 2.20

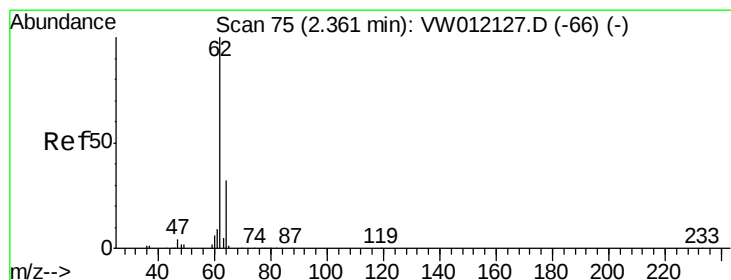
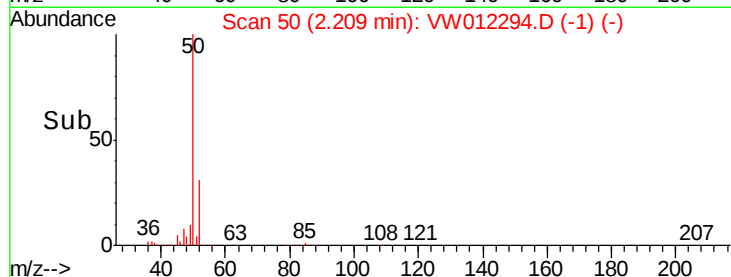
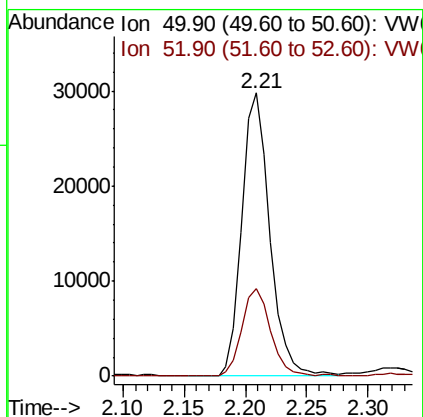
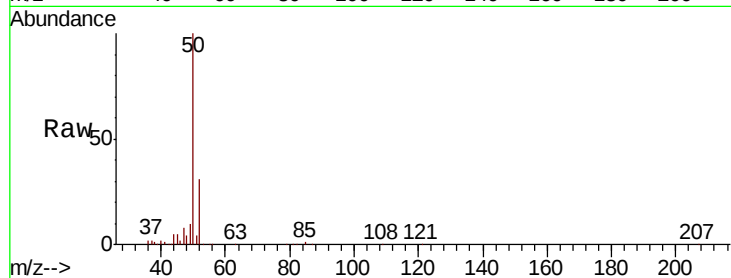




#3
Chloromethane
Concen: 17.824 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

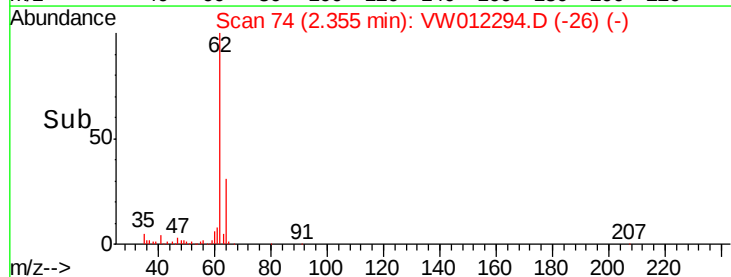
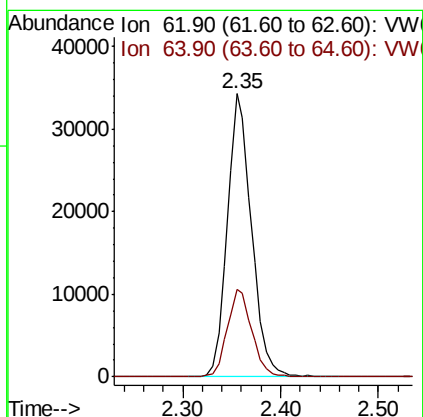
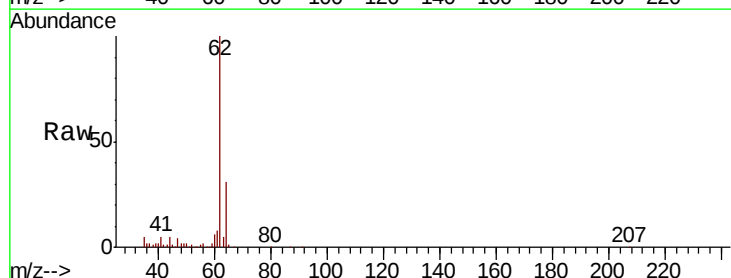
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

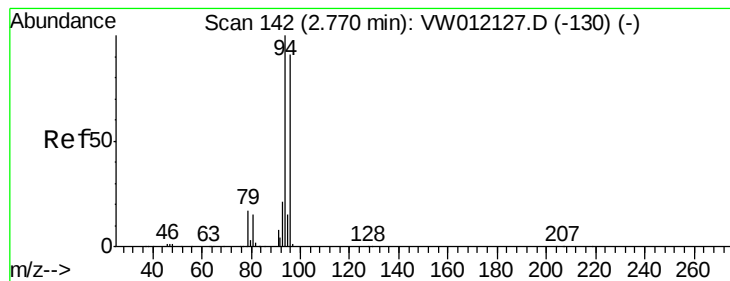
Tgt Ion: 50 Resp: 47478
Ion Ratio Lower Upper
50 100
52 30.9 25.5 38.3



#4
Vinyl Chloride
Concen: 17.963 ug/l
RT: 2.35 min Scan# 74
Delta R.T. -0.01 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion: 62 Resp: 58565
Ion Ratio Lower Upper
62 100
64 31.1 25.3 37.9





#5

Bromomethane

Concen: 15.969 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

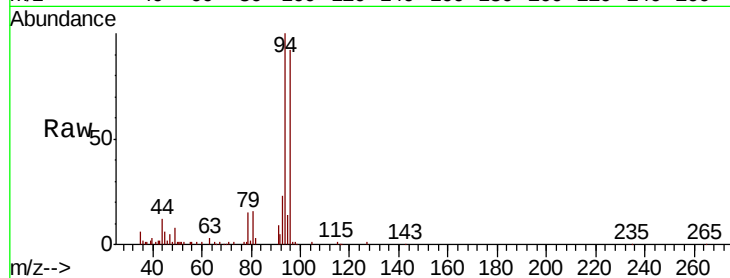
VW0829SBS01

Tgt Ion: 94 Resp: 26367

Ion Ratio Lower Upper

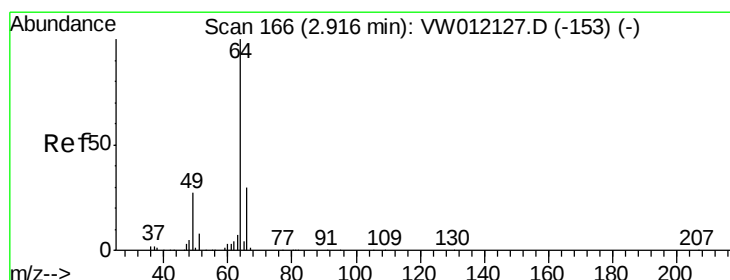
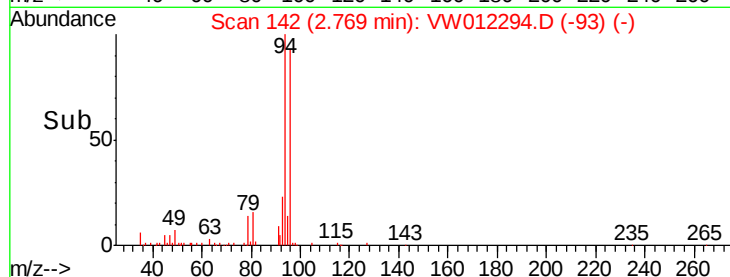
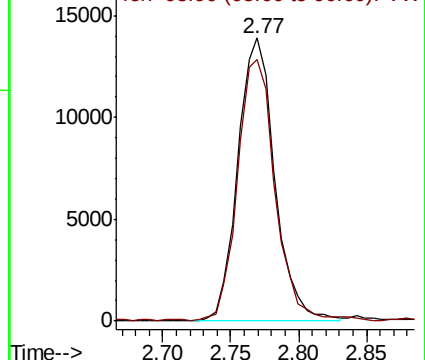
94 100

96 92.4 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 17.443 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012294.D

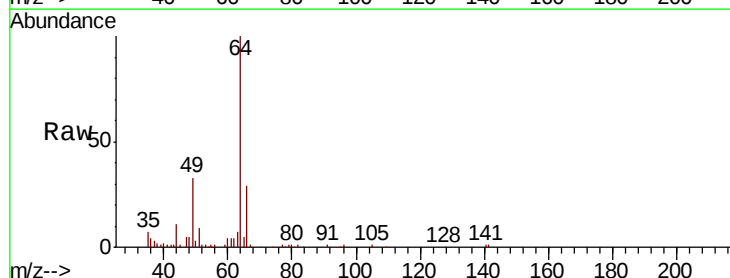
Acq: 29 Aug 2019 11:19

Tgt Ion: 64 Resp: 32080

Ion Ratio Lower Upper

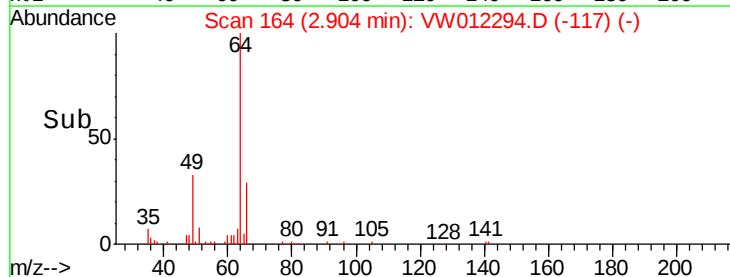
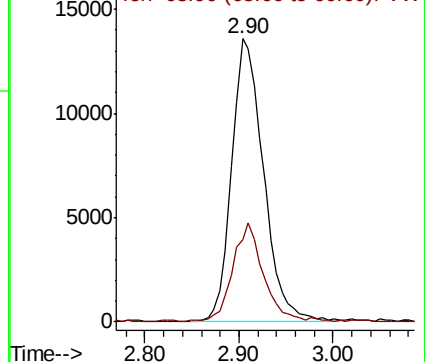
64 100

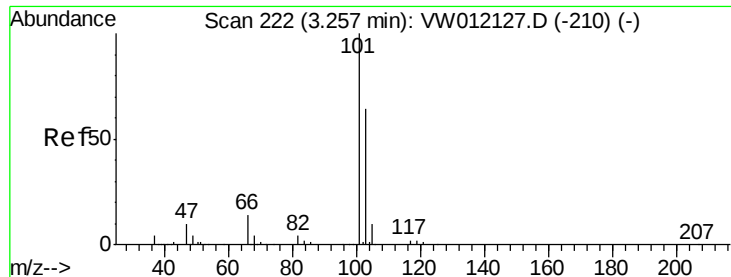
66 28.7 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



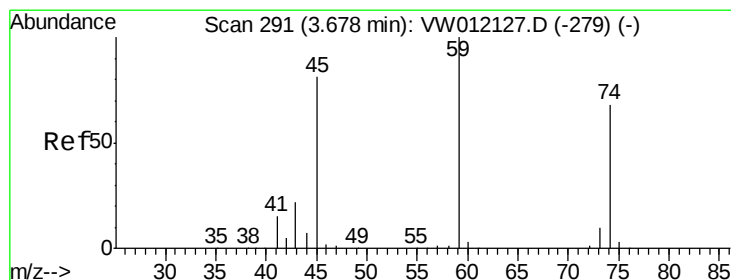
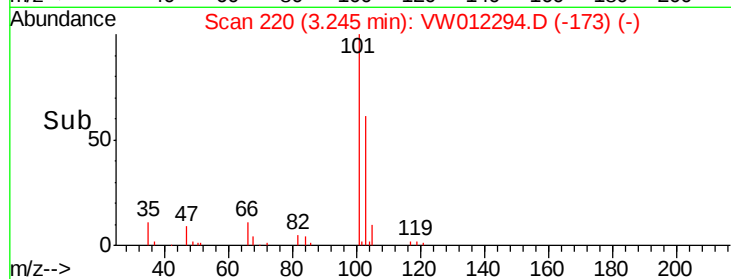
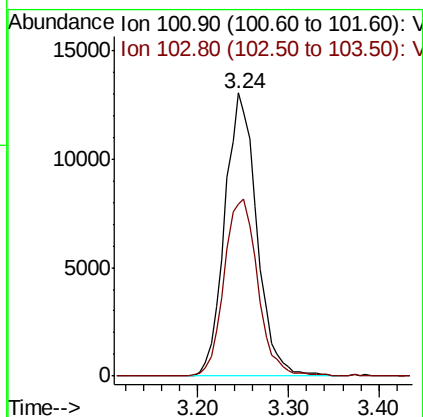
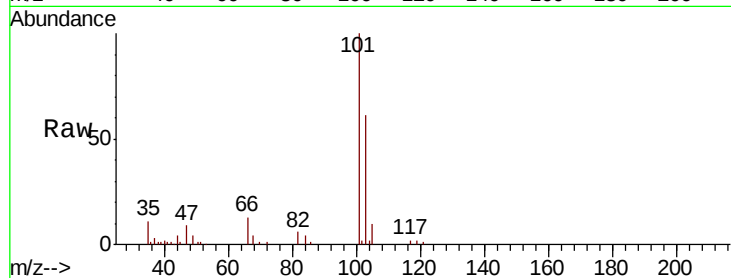


#7

Trichlorofluoromethane
 Concen: 19.508 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

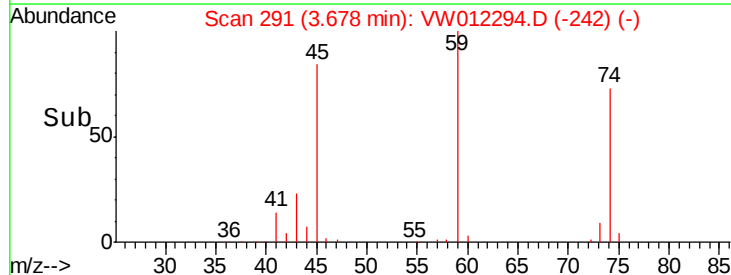
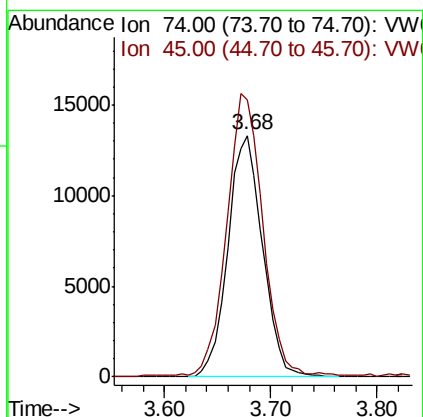
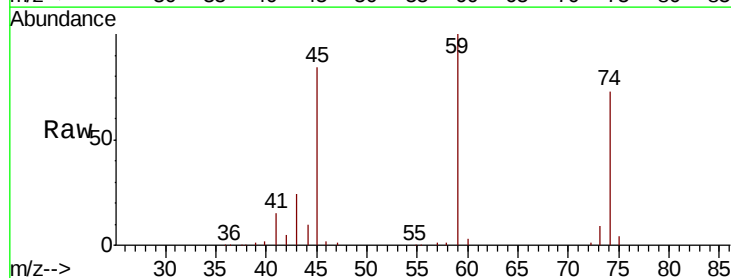
Tgt Ion:101 Resp: 31936
 Ion Ratio Lower Upper
 101 100
 103 60.7 51.2 76.8

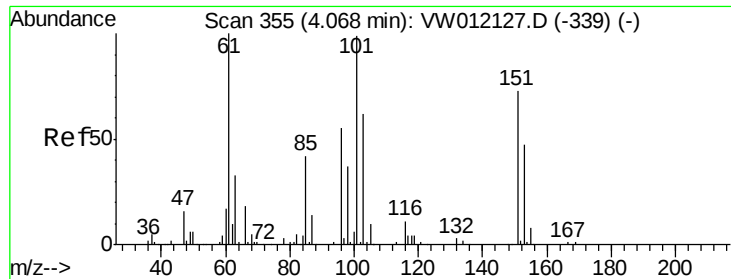


#8

Diethyl Ether
 Concen: 19.514 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Tgt Ion: 74 Resp: 30323
 Ion Ratio Lower Upper
 74 100
 45 120.7 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.681 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

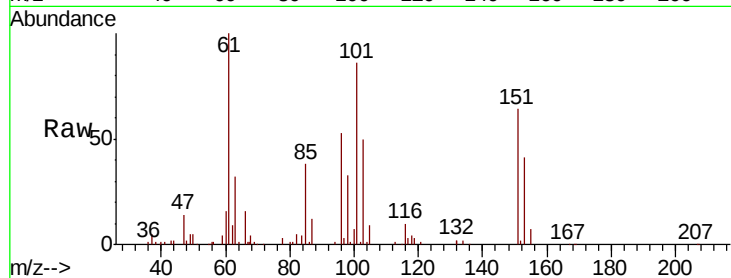
Tgt Ion:101 Resp: 51984

Ion Ratio Lower Upper

101 100

85 44.7 35.8 53.6

151 75.6 58.6 87.8

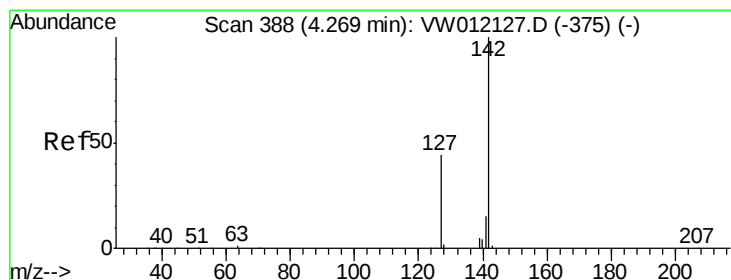
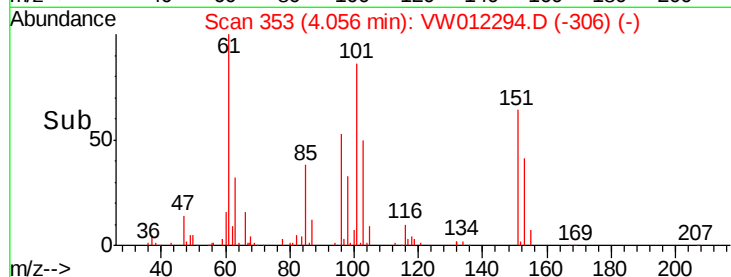
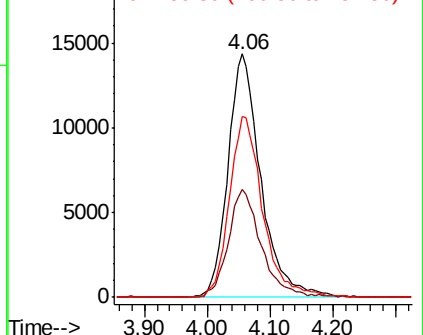


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.803 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

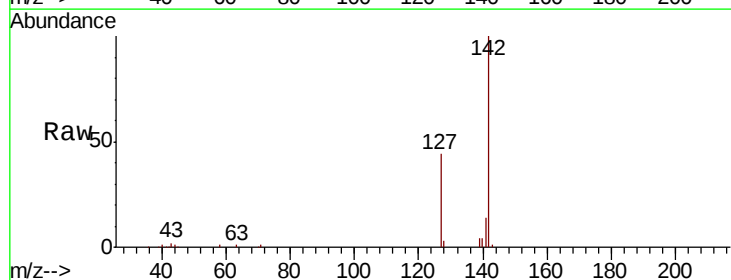
Tgt Ion:142 Resp: 70796

Ion Ratio Lower Upper

142 100

127 43.1 35.5 53.3

141 15.0 11.8 17.8

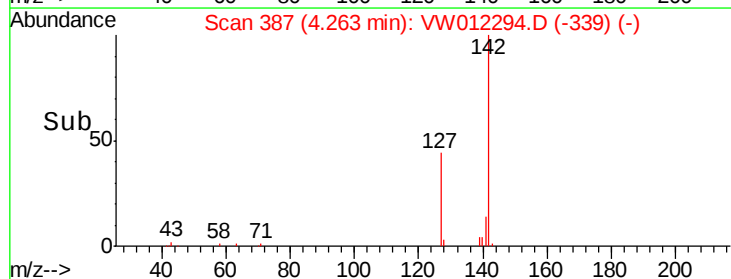
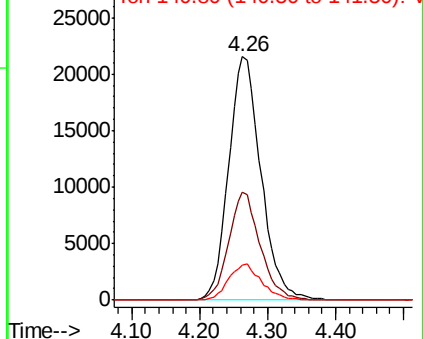


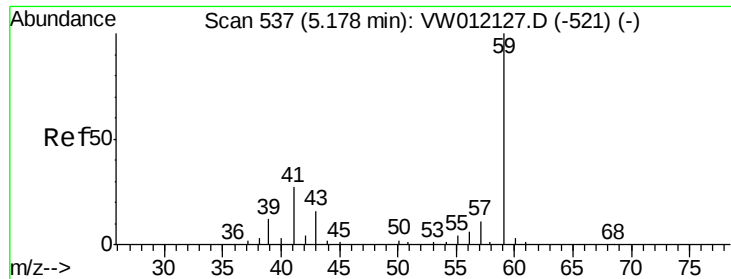
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

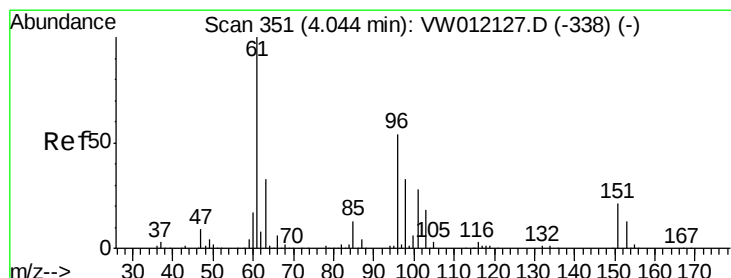
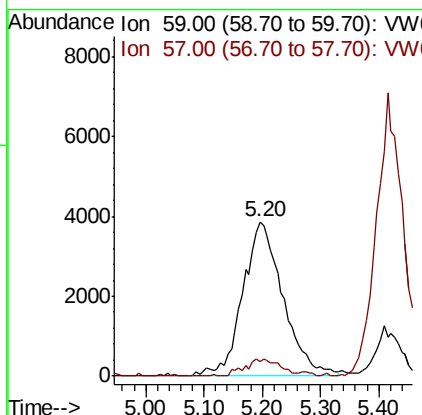
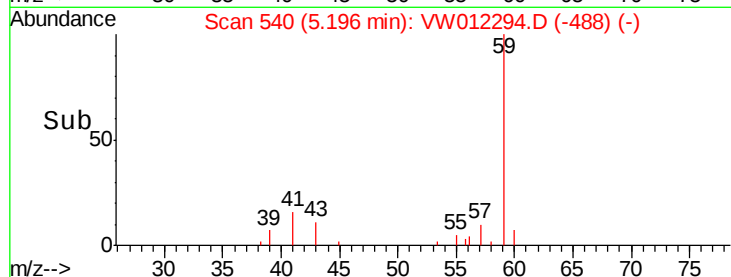
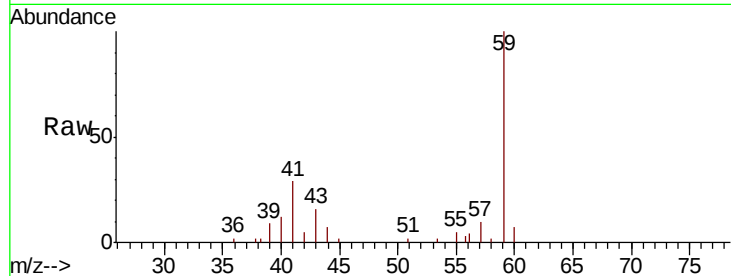




#11
Tert butyl alcohol
Concen: 92.963 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.02 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

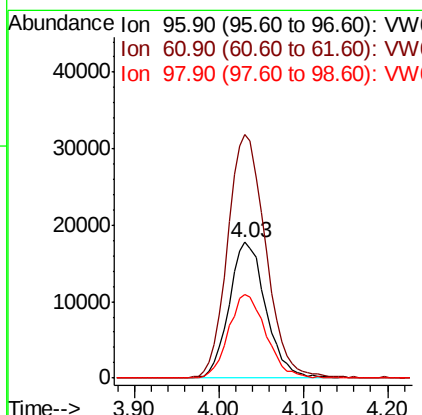
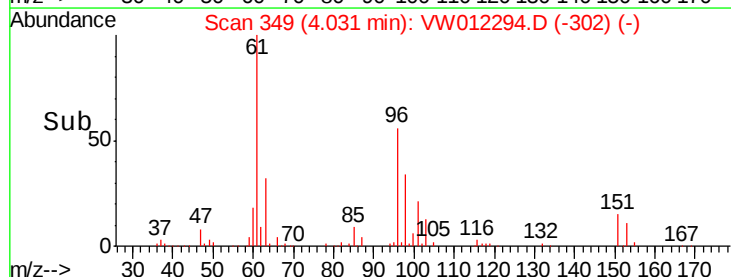
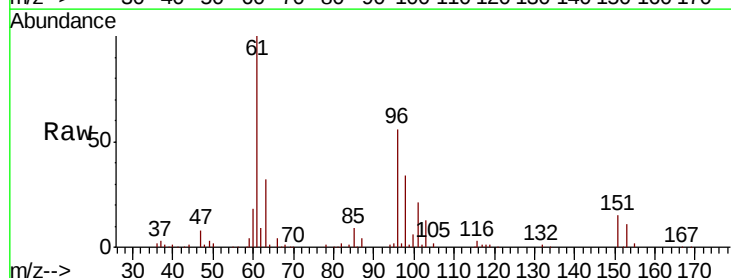
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

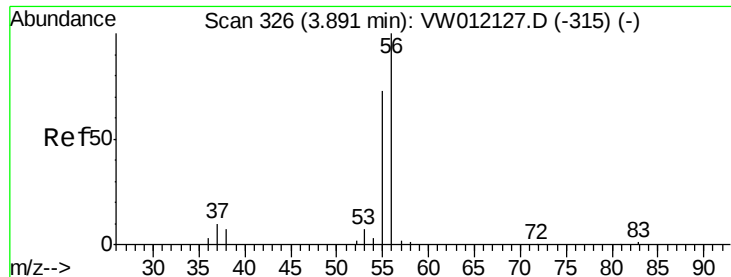
Tgt Ion: 59 Resp: 18570
Ion Ratio Lower Upper
59 100
57 9.4 9.0 13.4



#12
1,1-Dichloroethene
Concen: 18.717 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion: 96 Resp: 52422
Ion Ratio Lower Upper
96 100
61 179.1 149.1 223.7
98 61.6 49.4 74.2





#13

Acrolein

Concen: 79.118 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

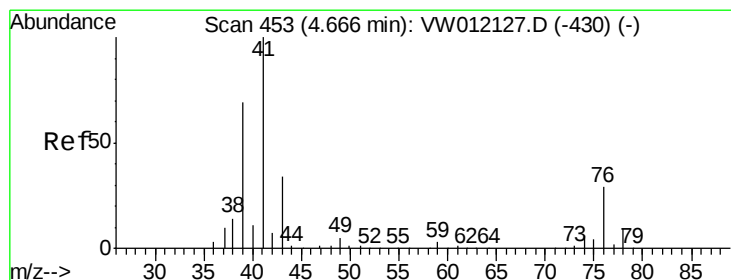
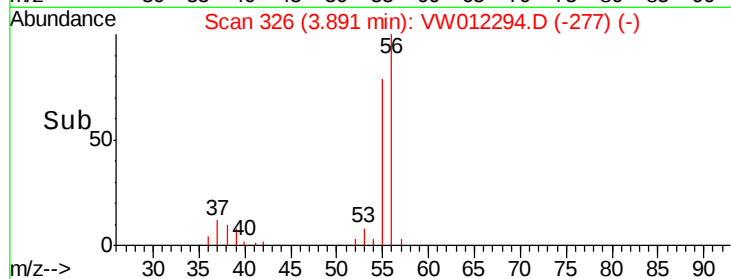
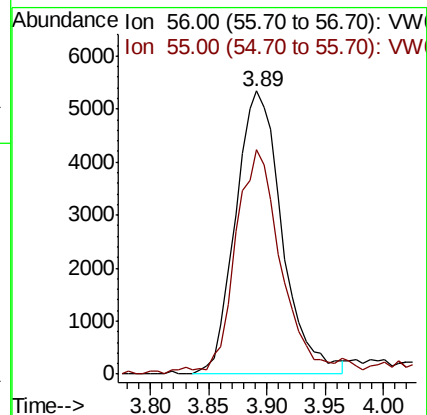
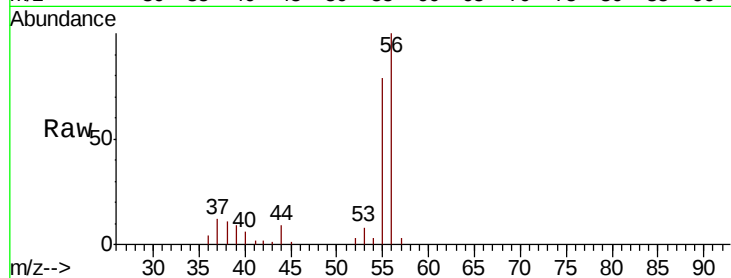
VW0829SBS01

Tgt Ion: 56 Resp: 14877

Ion Ratio Lower Upper

56 100

55 74.5 55.8 83.8



#14

Allyl chloride

Concen: 19.550 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

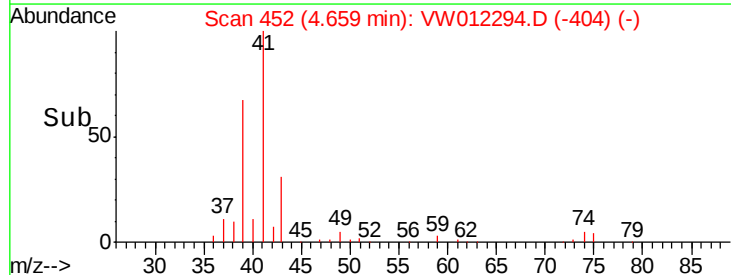
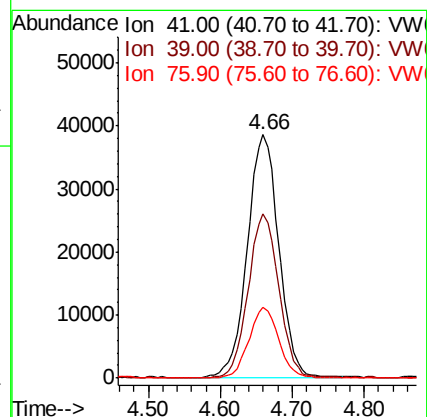
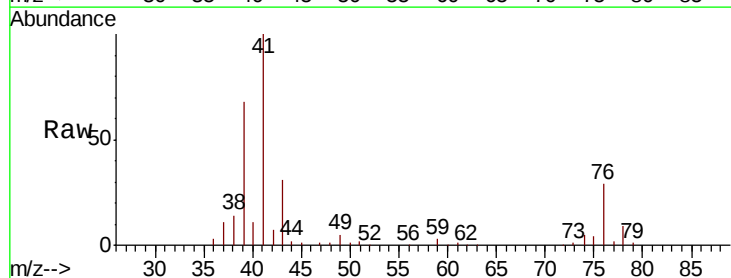
Tgt Ion: 41 Resp: 117060

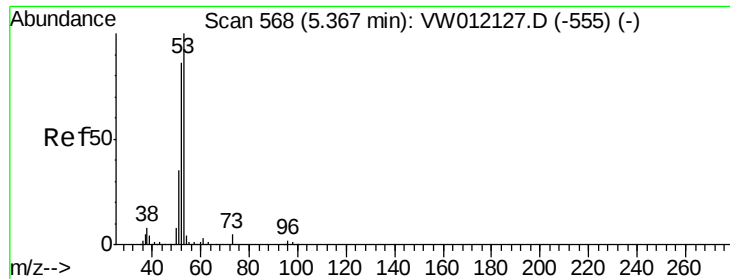
Ion Ratio Lower Upper

41 100

39 66.0 53.4 80.2

76 27.5 22.1 33.1





#15

Acrylonitrile

Concen: 94.254 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

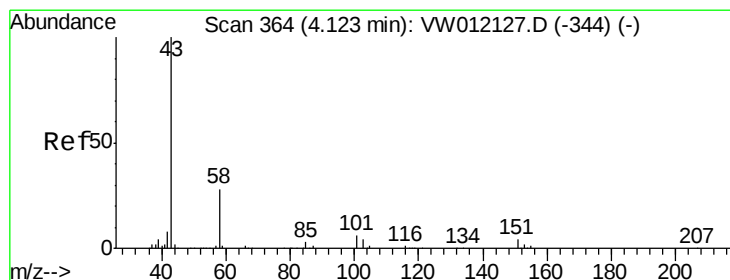
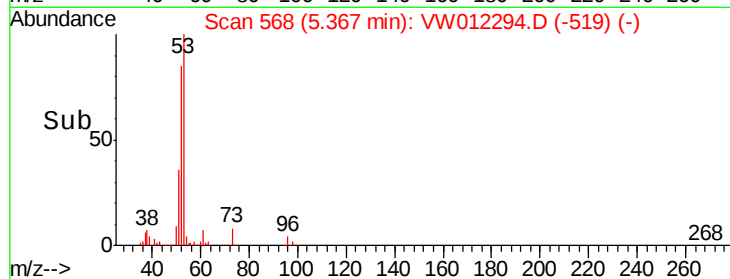
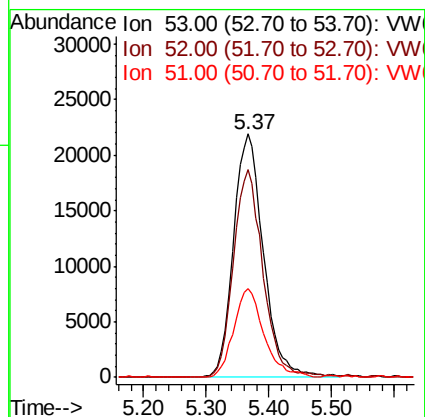
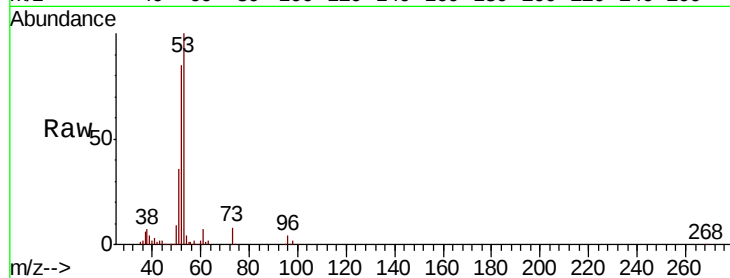
Tgt Ion: 53 Resp: 72595

Ion Ratio Lower Upper

53 100

52 83.9 66.7 100.1

51 36.8 30.1 45.1



#16

Acetone

Concen: 80.753 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012294.D

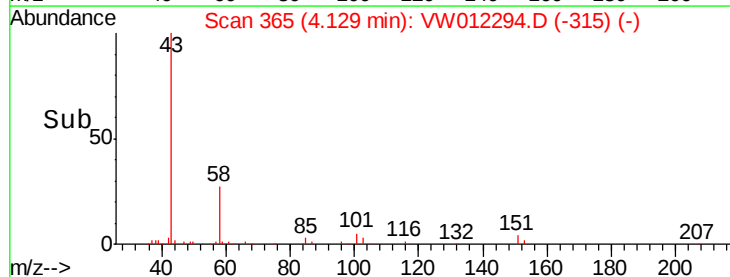
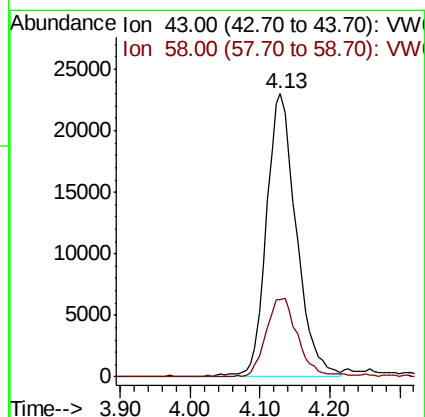
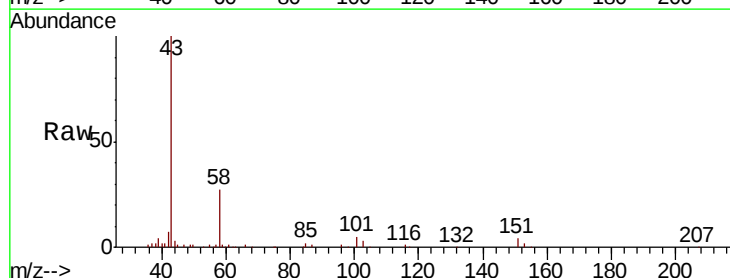
Acq: 29 Aug 2019 11:19

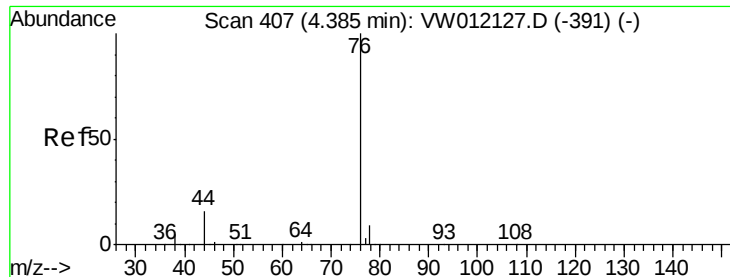
Tgt Ion: 43 Resp: 68518

Ion Ratio Lower Upper

43 100

58 27.1 22.4 33.6

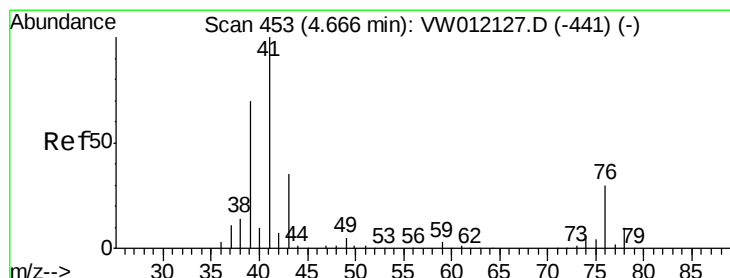
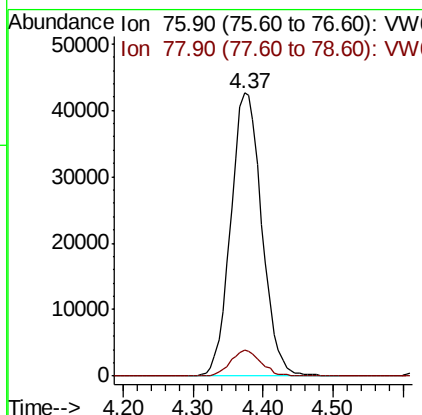
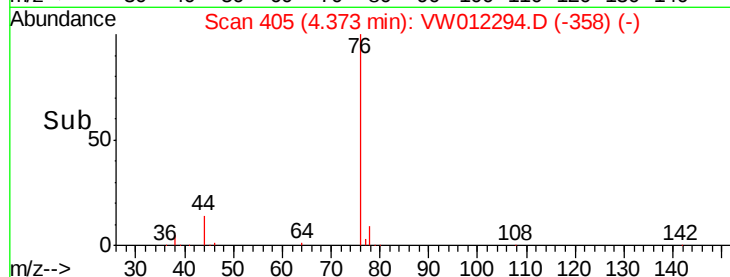
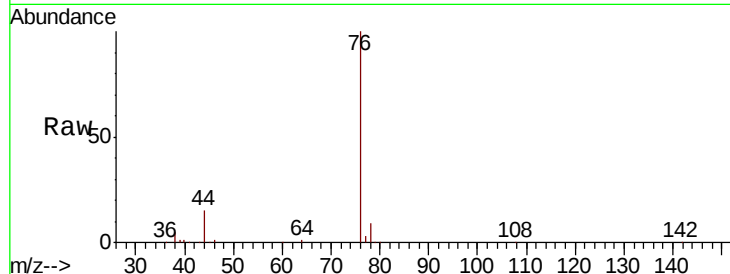




#17
Carbon Disulfide
Concen: 15.516 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

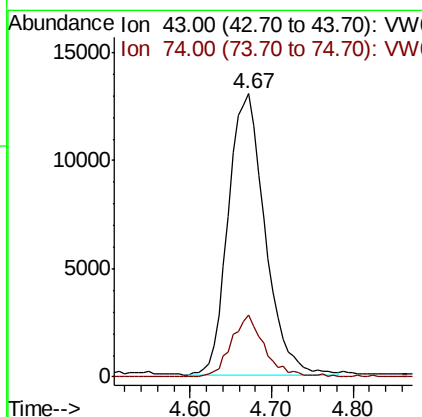
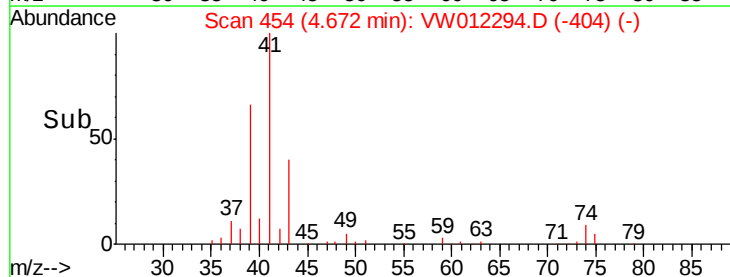
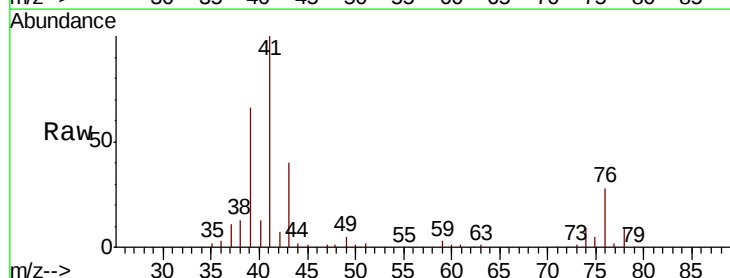
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

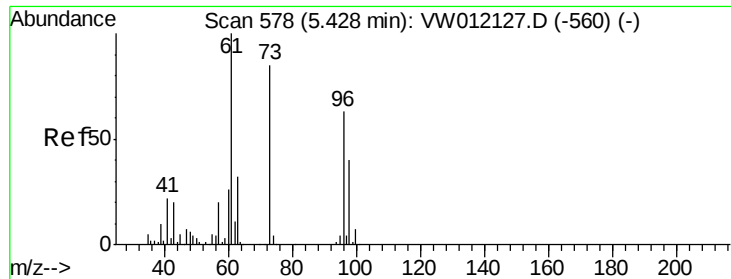
Tgt Ion: 76 Resp: 131339
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 19.281 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion: 43 Resp: 40521
Ion Ratio Lower Upper
43 100
74 19.9 15.7 23.5

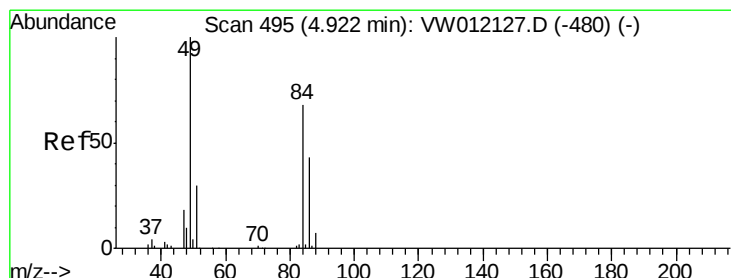
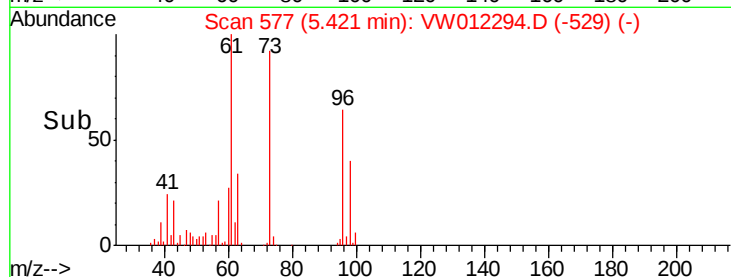
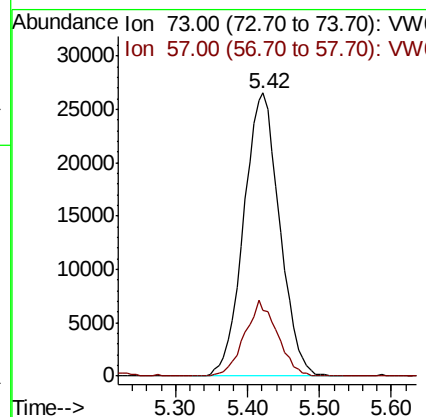
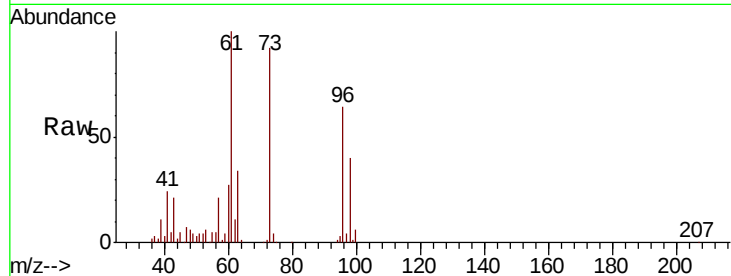




#19
Methyl tert-butyl Ether
Concen: 20.269 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

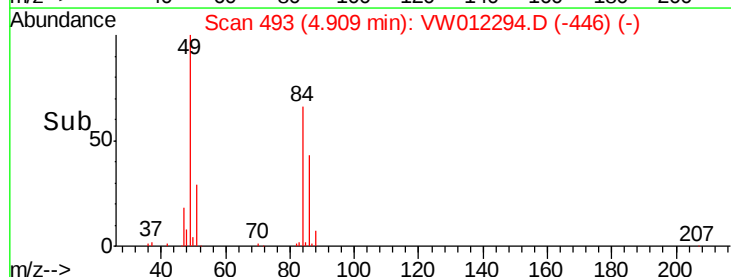
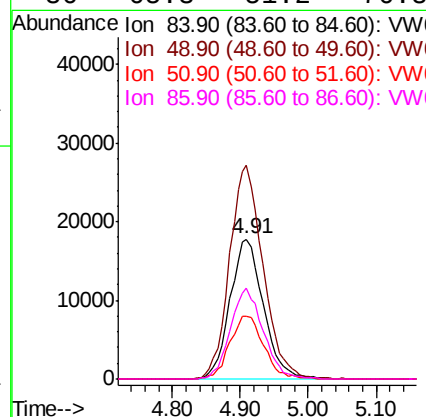
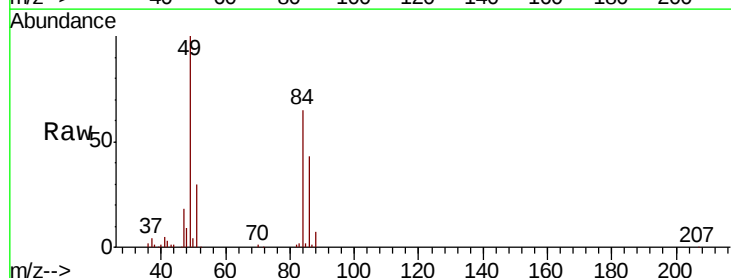
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

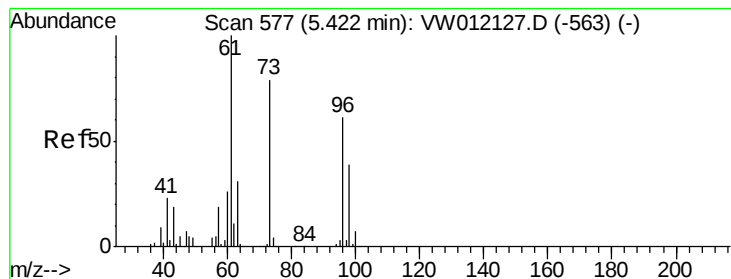
Tgt Ion: 73 Resp: 91806
Ion Ratio Lower Upper
73 100
57 23.2 18.9 28.3



#20
Methylene Chloride
Concen: 18.841 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion: 84 Resp: 60434
Ion Ratio Lower Upper
84 100
49 152.8 117.8 176.8
51 45.2 35.6 53.4
86 65.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.135 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

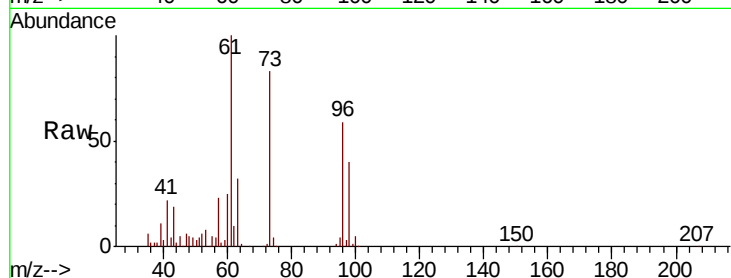
Tgt Ion: 96 Resp: 57471

Ion Ratio Lower Upper

96 100

61 168.8 131.4 197.0

98 68.0 51.4 77.0

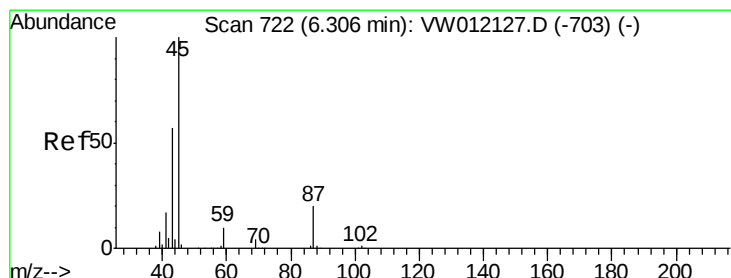
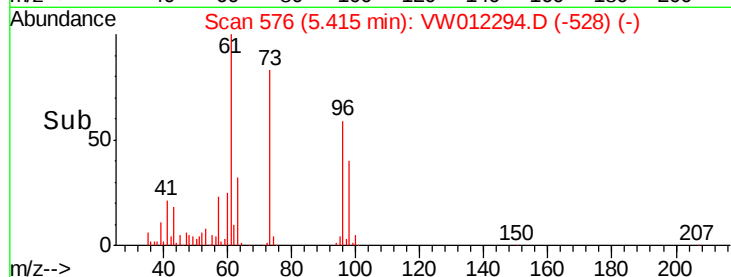
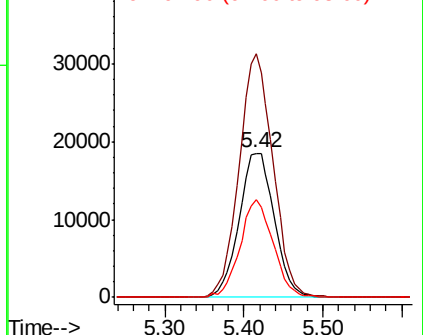


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.354 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Tgt Ion: 45 Resp: 225908

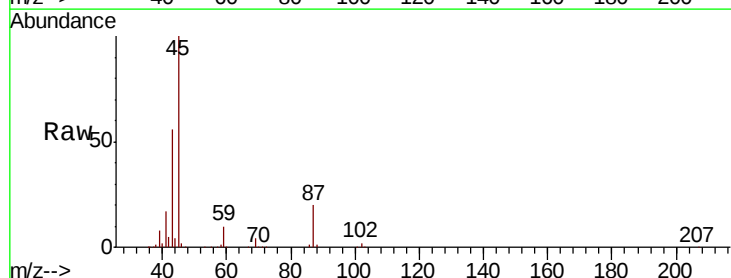
Ion Ratio Lower Upper

45 100

43 55.3 45.5 68.3

87 19.9 16.1 24.1

59 10.2 8.2 12.2



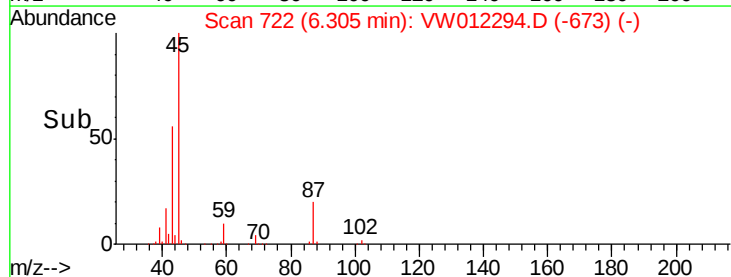
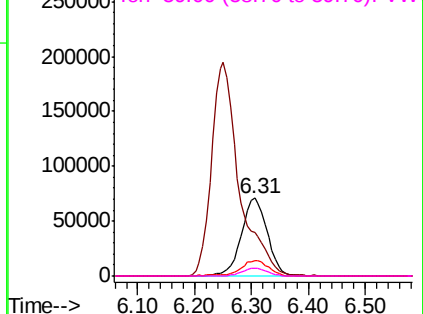
Abundance

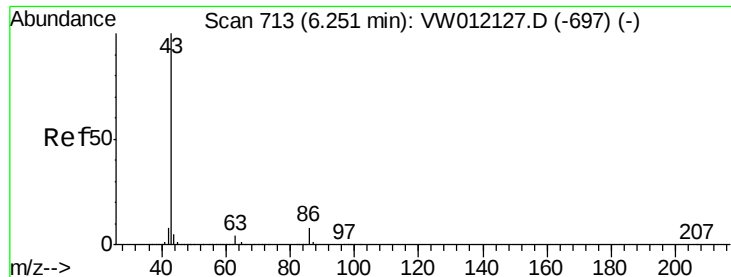
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

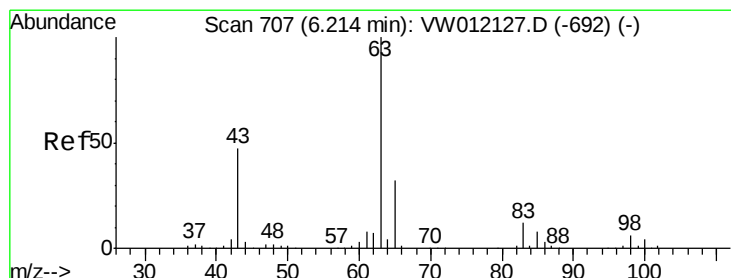
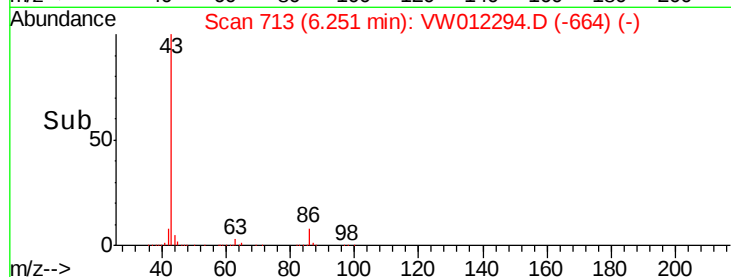
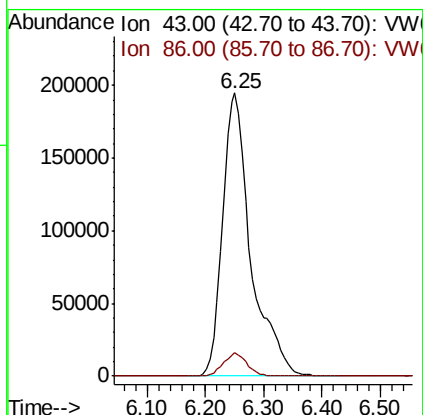
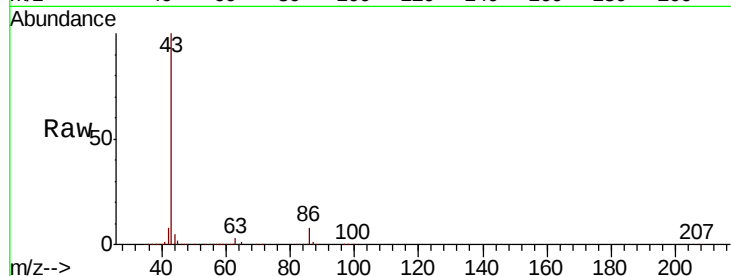




#23
 Vinyl Acetate
 Concen: 96.125 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

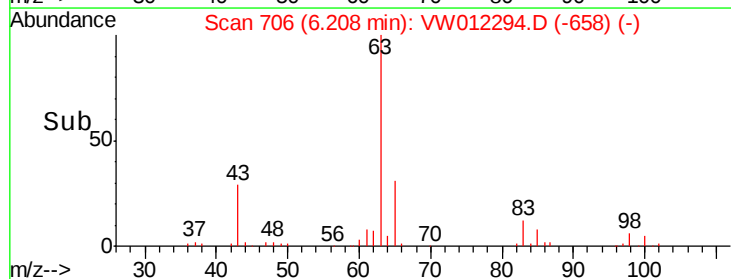
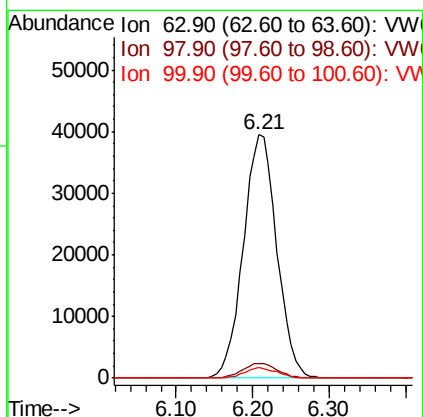
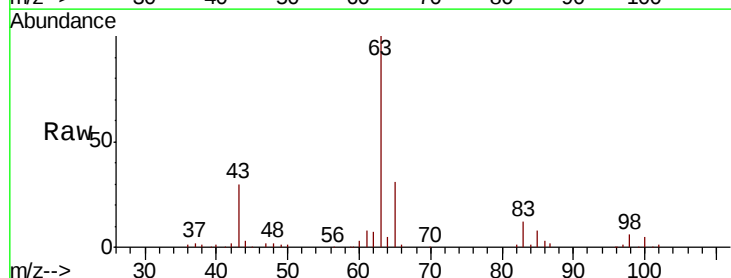
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

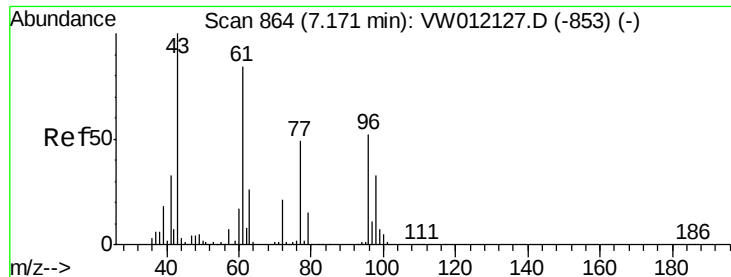
Tgt Ion: 43 Resp: 656567
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 19.861 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Tgt Ion: 63 Resp: 120021
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.0 9.2
 100 4.5 2.0 6.0





#25

2-Butanone

Concen: 88.302 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

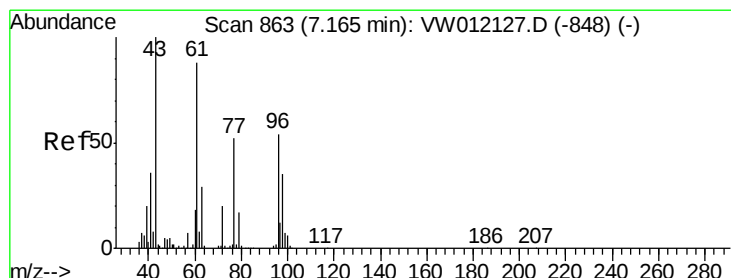
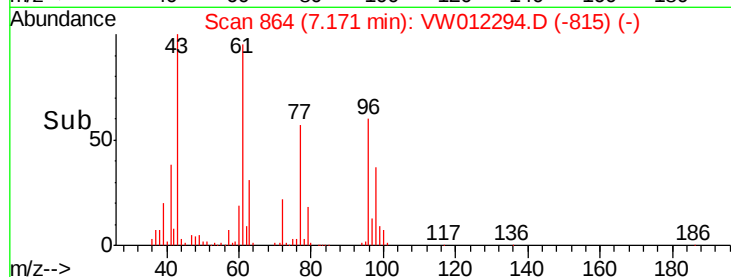
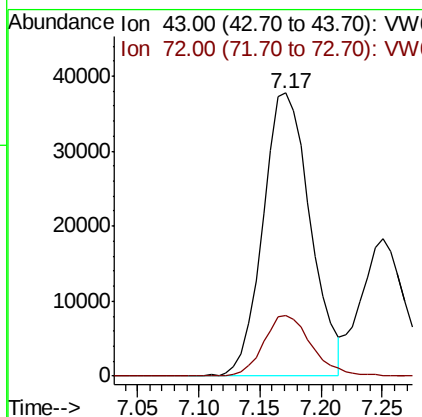
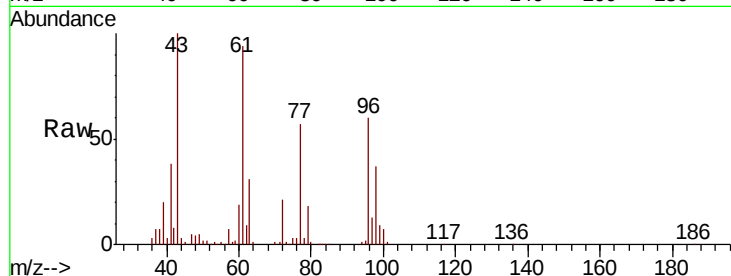
VW0829SBS01

Tgt Ion: 43 Resp: 101812

Ion Ratio Lower Upper

43 100

72 21.5 16.6 24.8



#26

2,2-Dichloropropane

Concen: 19.999 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012294.D

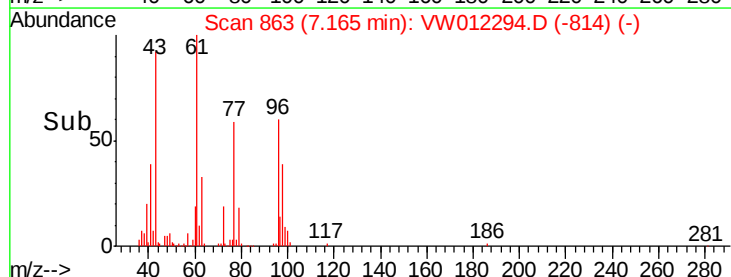
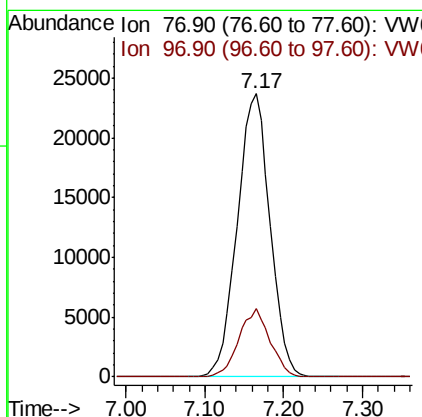
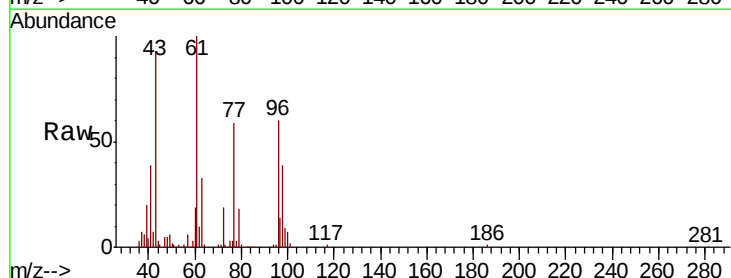
Acq: 29 Aug 2019 11:19

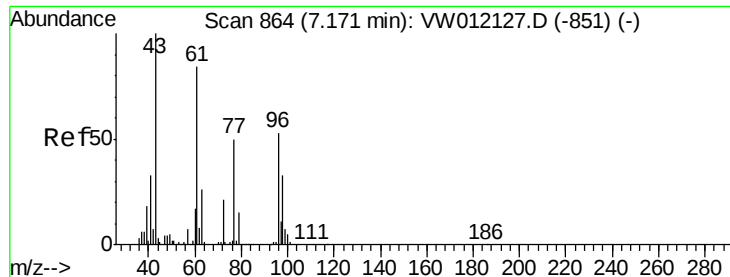
Tgt Ion: 77 Resp: 68407

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.1



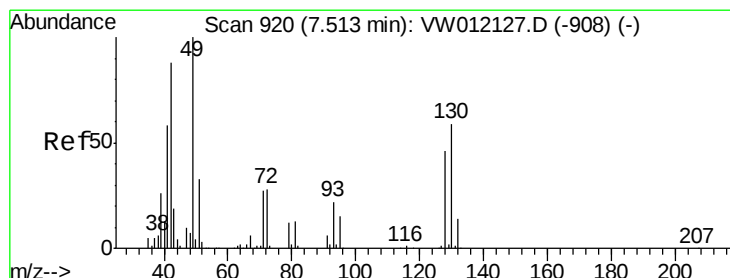
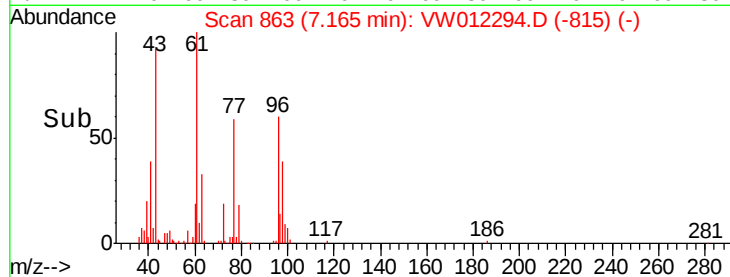
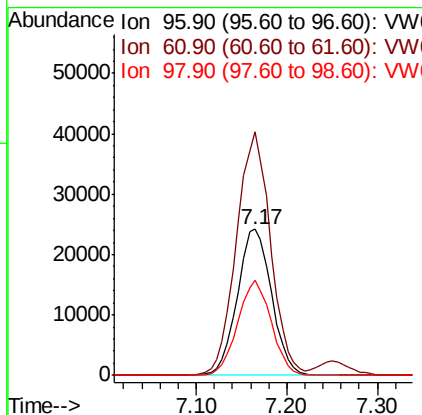
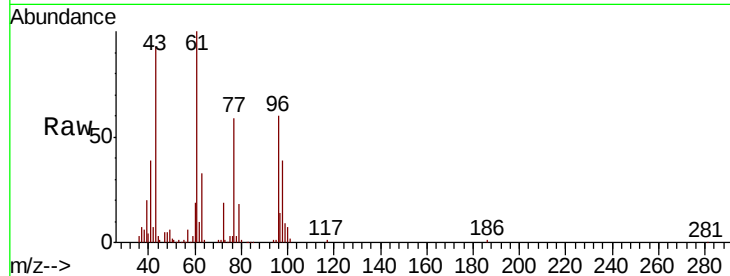


#27

cis-1,2-Dichloroethene
 Concen: 19.745 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

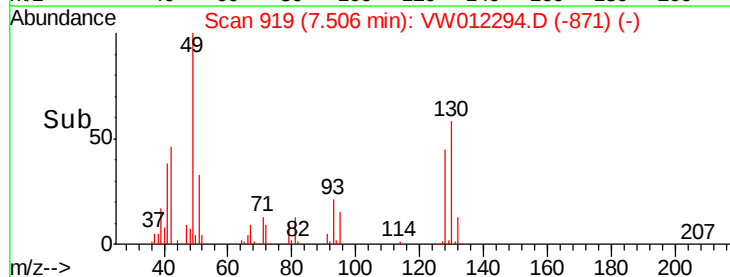
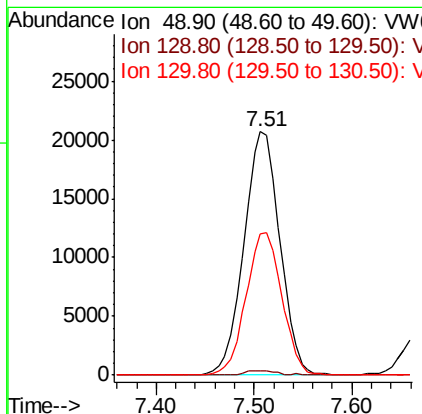
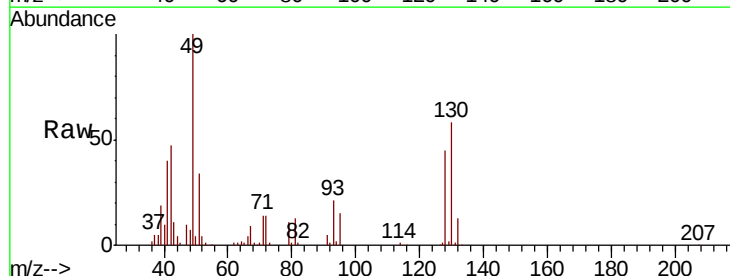
Tgt Ion: 96 Resp: 63360
 Ion Ratio Lower Upper
 96 100
 61 166.2 0.0 326.6
 98 63.9 0.0 127.4

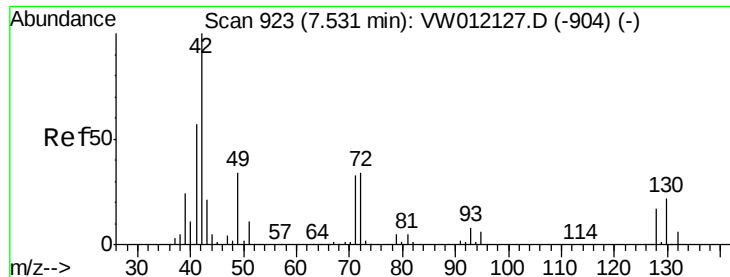


#28

Bromochloromethane
 Concen: 20.028 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Tgt Ion: 49 Resp: 52752
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 1.4#
 130 58.4 45.5 68.3

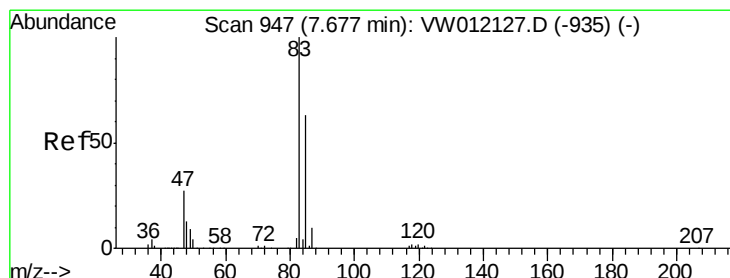
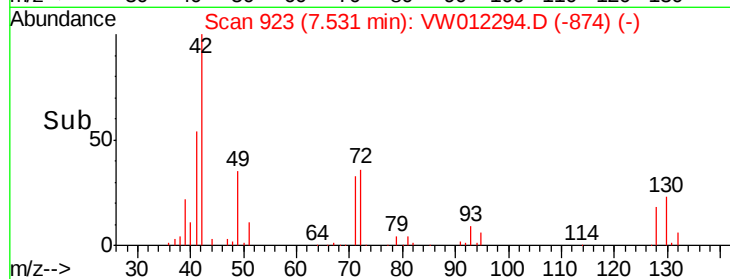
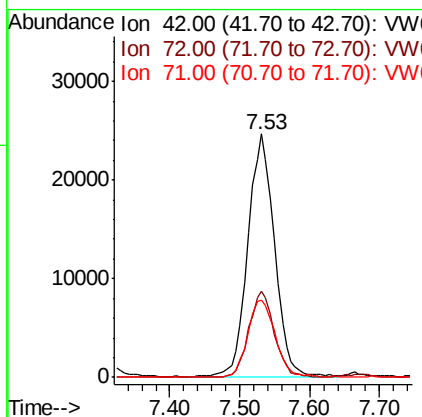
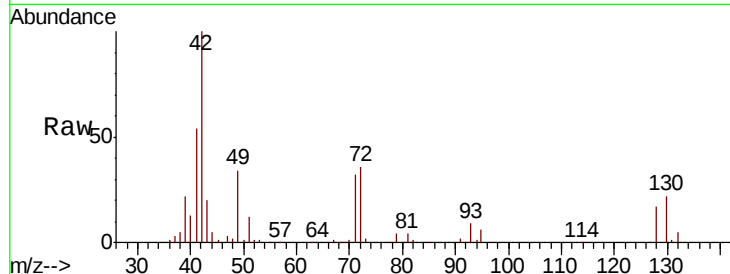




#29
Tetrahydrofuran
Concen: 95.420 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

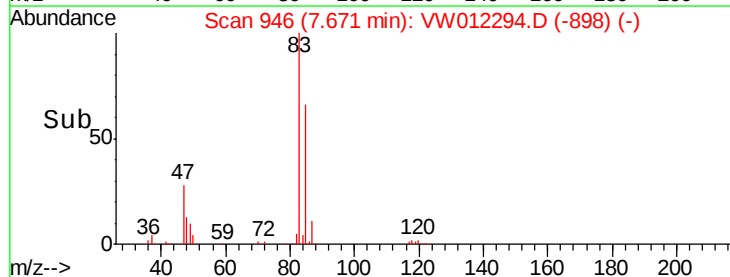
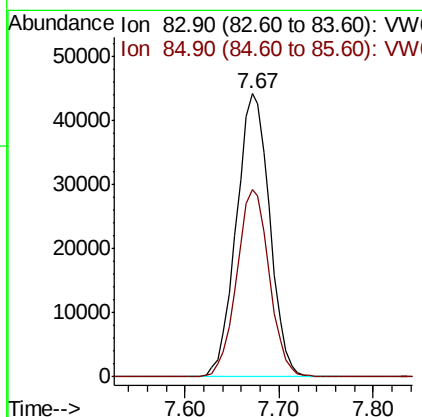
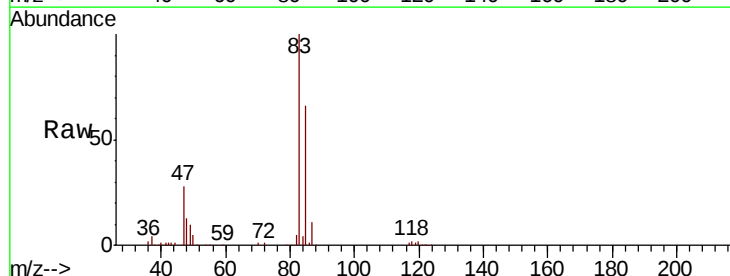
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

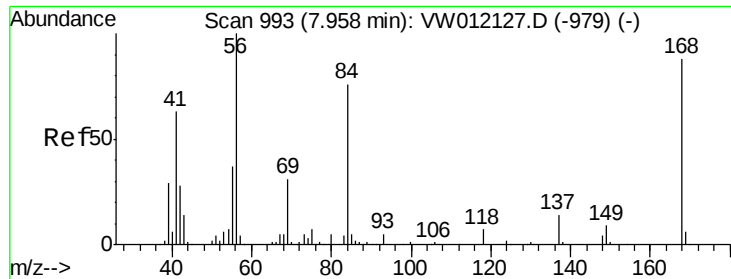
Tgt Ion	Ratio	Lower	Upper
42	100		
72	33.5	27.3	40.9
71	32.4	25.5	38.3



#30
Chloroform
Concen: 19.676 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.6	76.0

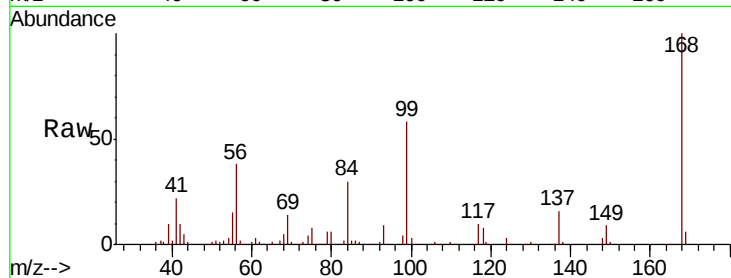




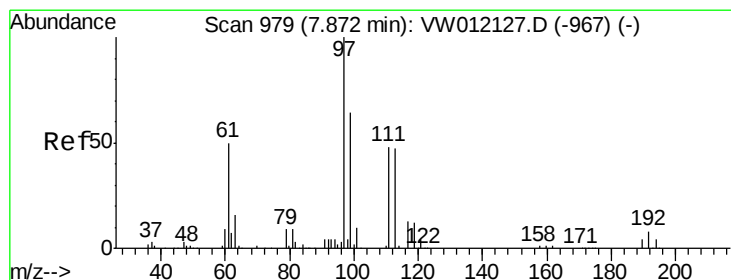
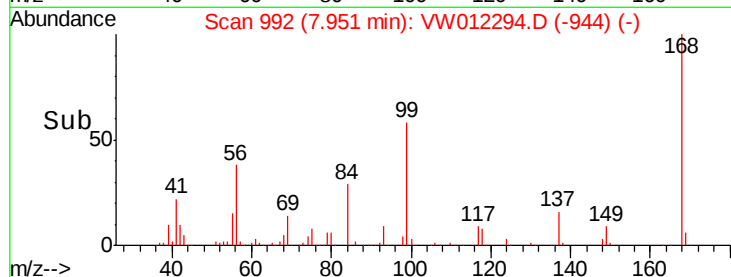
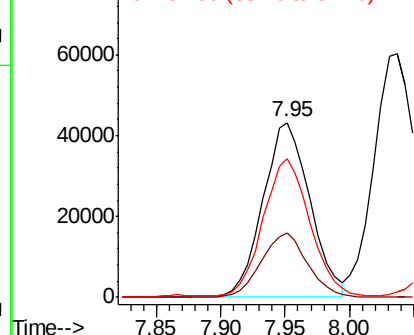
#31
Cyclohexane
Concen: 18.320 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tgt Ion: 56 Resp: 109533
Ion Ratio Lower Upper
56 100
69 36.7 24.9 37.3
84 78.5 60.6 90.8

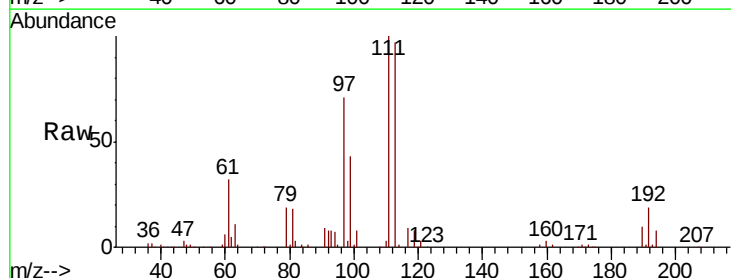


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

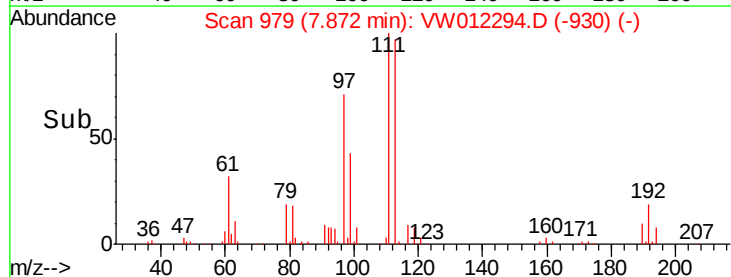
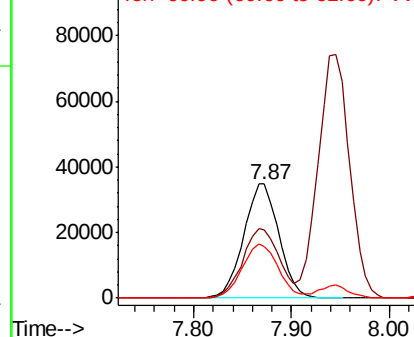


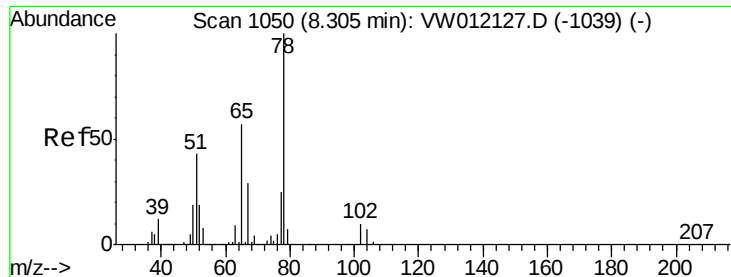
#32
1,1,1-Trichloroethane
Concen: 19.916 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion: 97 Resp: 87108
Ion Ratio Lower Upper
97 100
99 63.0 51.4 77.0
61 48.5 39.5 59.3



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

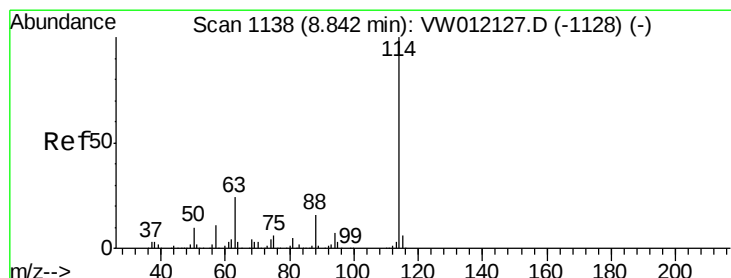
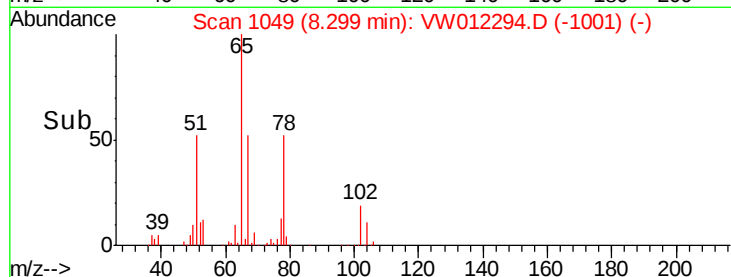
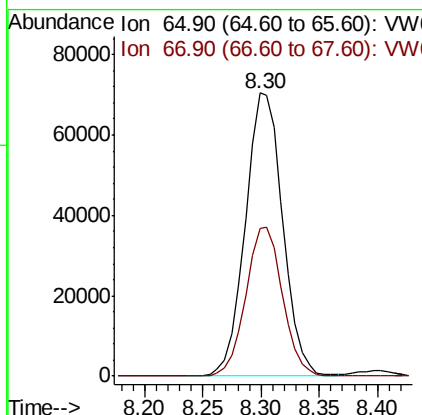
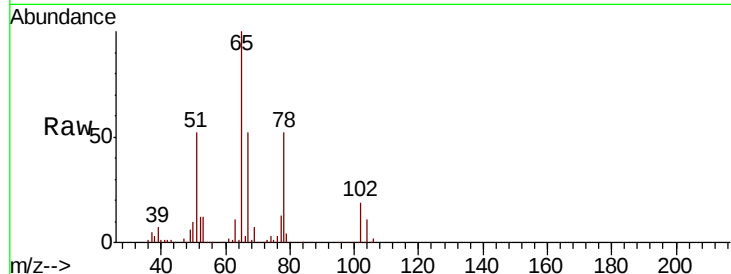




#33
 1,2-Dichloroethane-d4
 Concen: 47.410 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

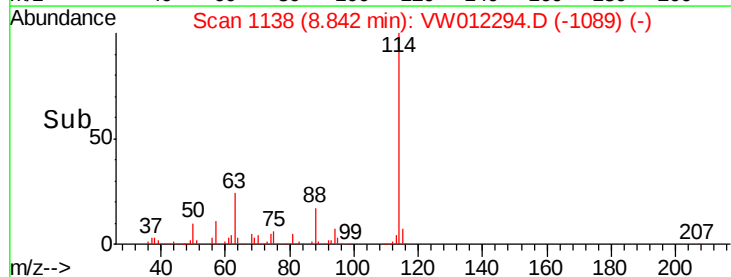
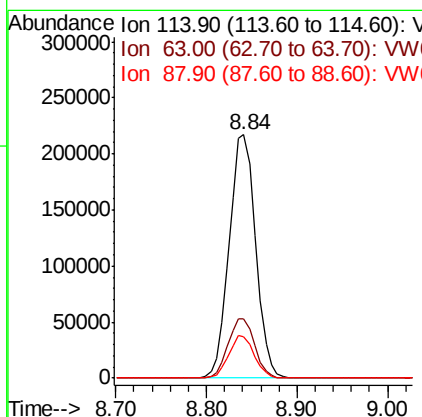
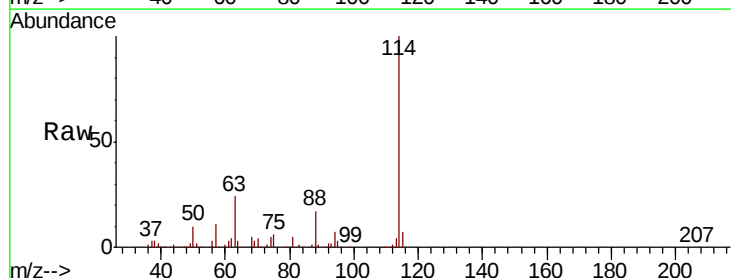
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

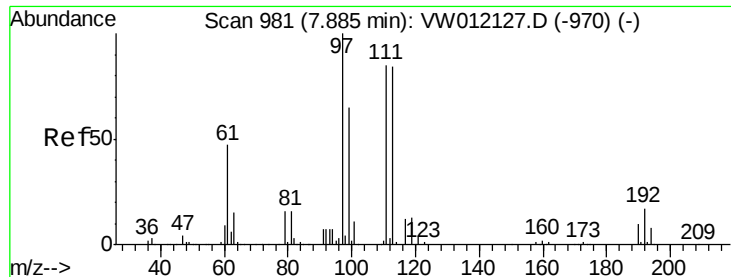
Tgt Ion: 65 Resp: 157371
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Tgt Ion: 114 Resp: 439112
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.6
 88 17.2 0.0 32.2

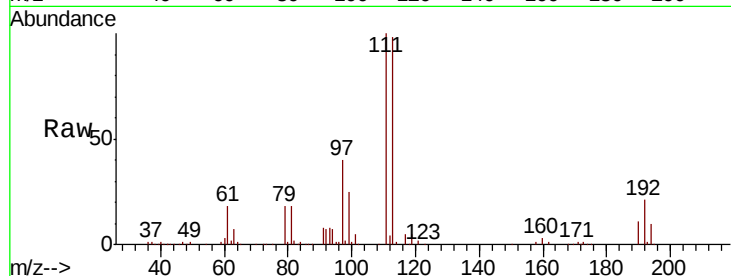




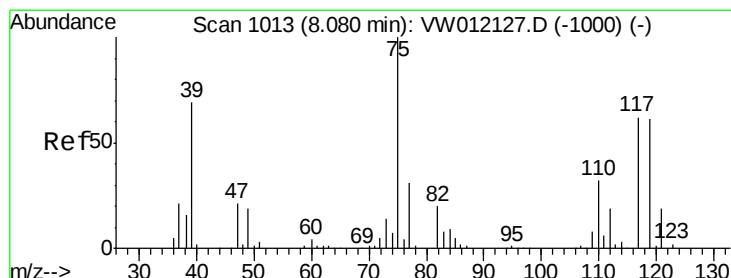
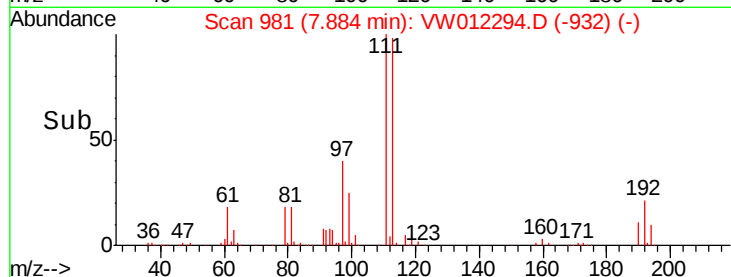
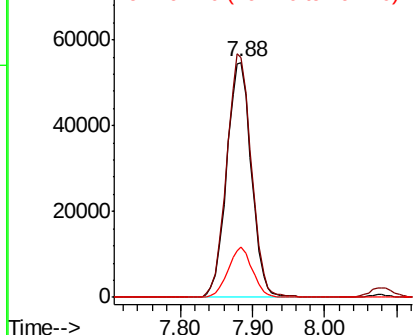
#35
 Dibromofluoromethane
 Concen: 49.665 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.7	124.1
192	21.0	16.2	24.2

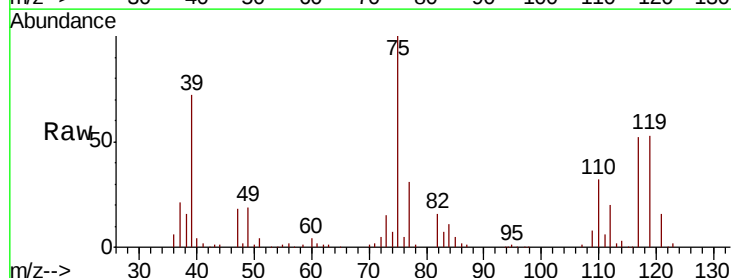


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

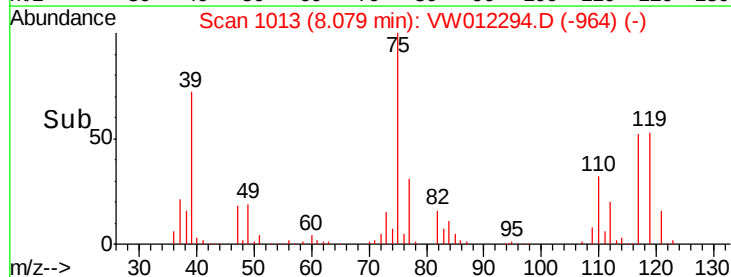
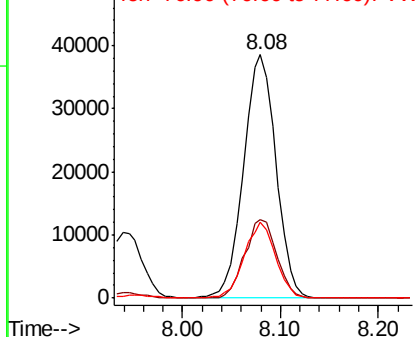


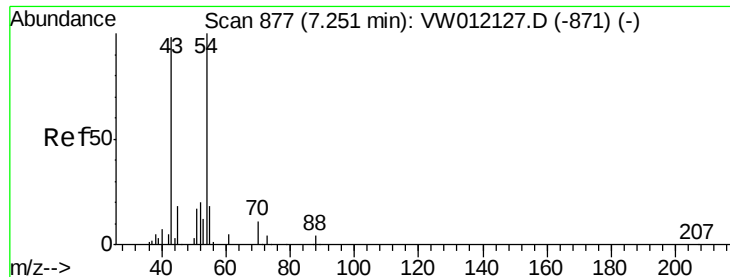
#36
 1,1-Dichloropropene
 Concen: 19.475 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.2	15.6	46.8
77	30.4	24.6	36.8



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

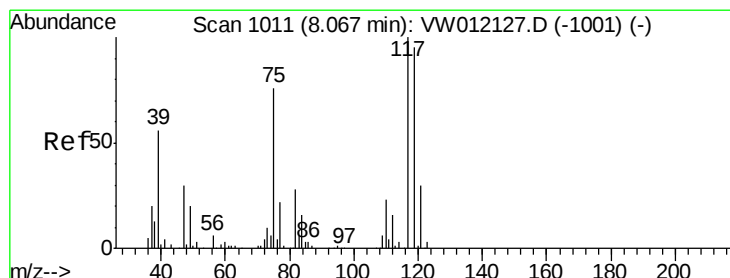
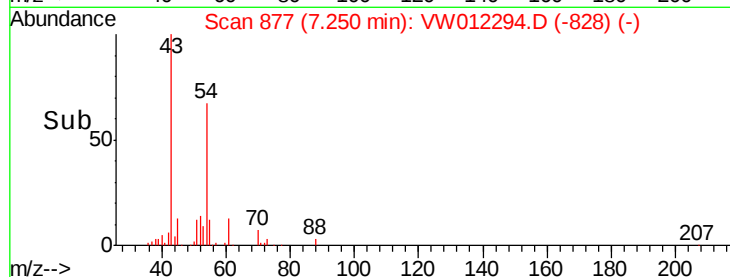
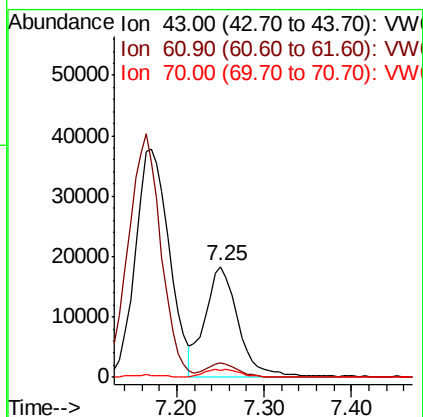
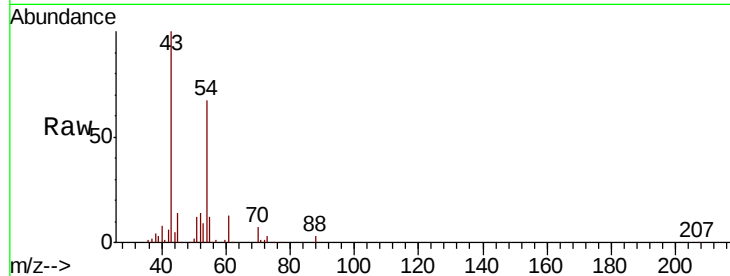




#37
Ethyl Acetate
Concen: 19.250 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

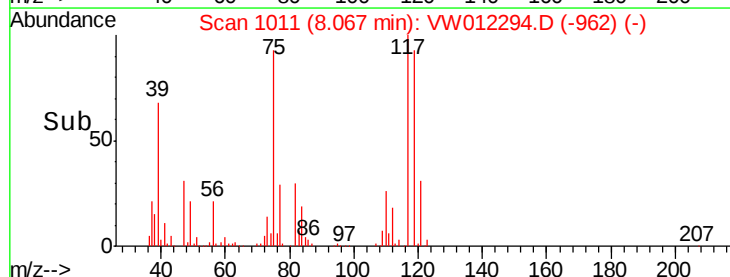
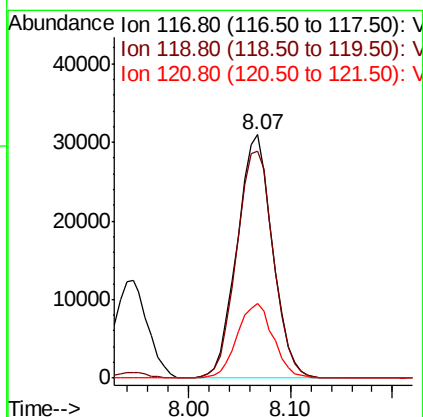
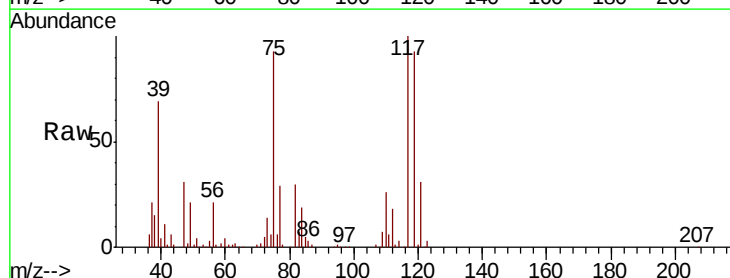
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

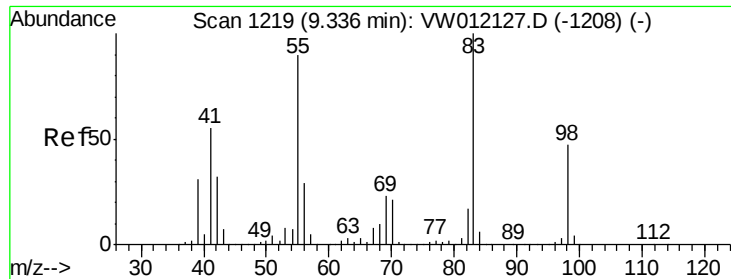
Tgt Ion: 43 Resp: 47868
Ion Ratio Lower Upper
43 100
61 12.6 9.2 13.8
70 8.0 6.9 10.3



#38
Carbon Tetrachloride
Concen: 19.047 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion: 117 Resp: 74808
Ion Ratio Lower Upper
117 100
119 93.1 76.2 114.2
121 30.7 23.8 35.8

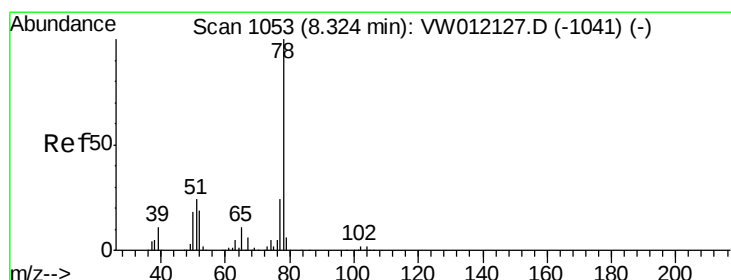
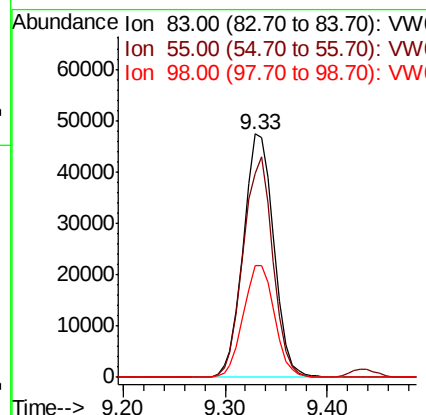
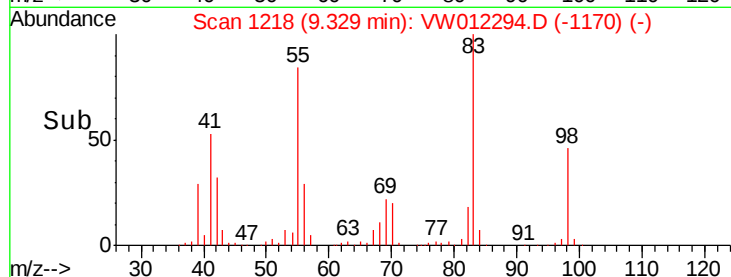
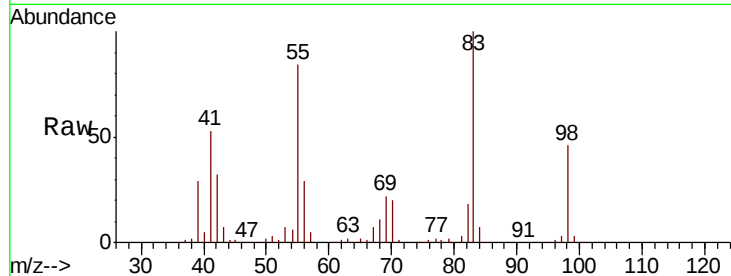




#39
Methylcyclohexane
Concen: 19.307 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

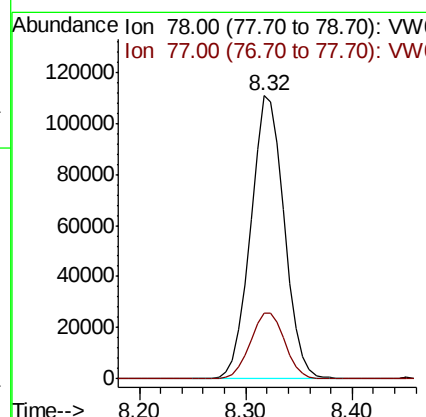
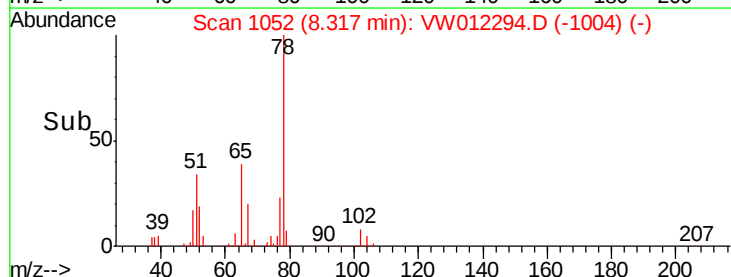
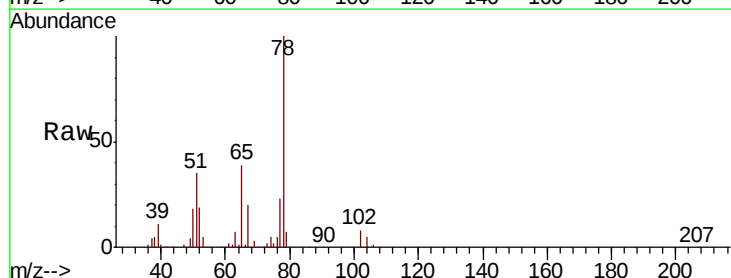
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

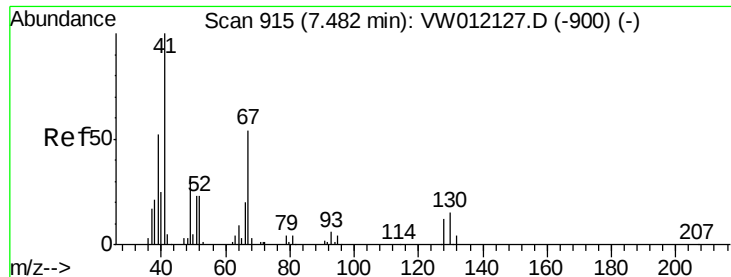
Tgt Ion: 83 Resp: 98424
Ion Ratio Lower Upper
83 100
55 83.8 71.8 107.8
98 46.1 37.8 56.8



#40
Benzene
Concen: 19.769 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion: 78 Resp: 244944
Ion Ratio Lower Upper
78 100
77 23.2 19.5 29.3

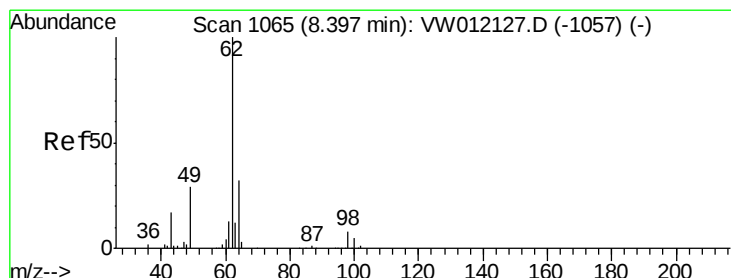
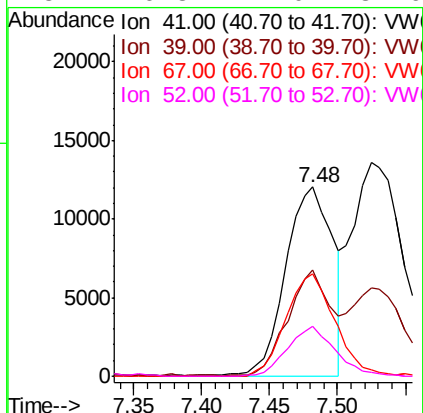
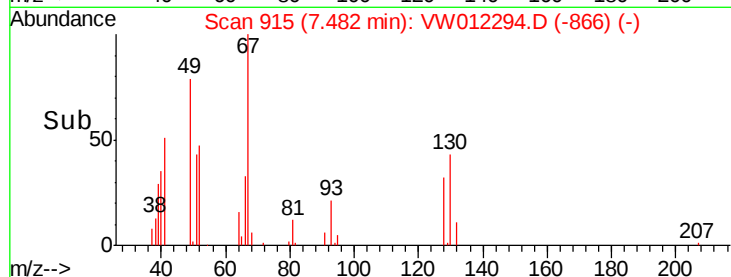
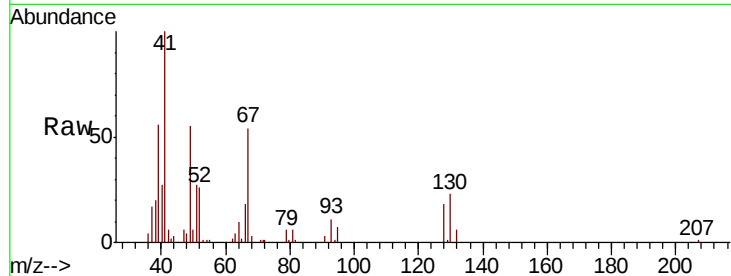




#41
Methacrylonitrile
Concen: 19.805 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

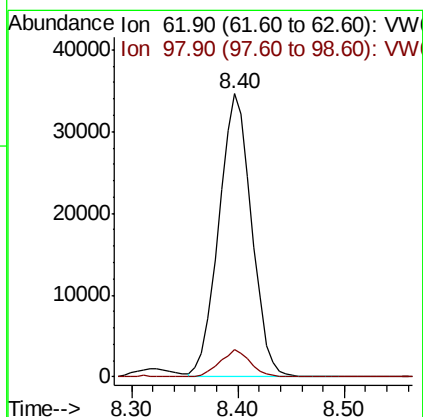
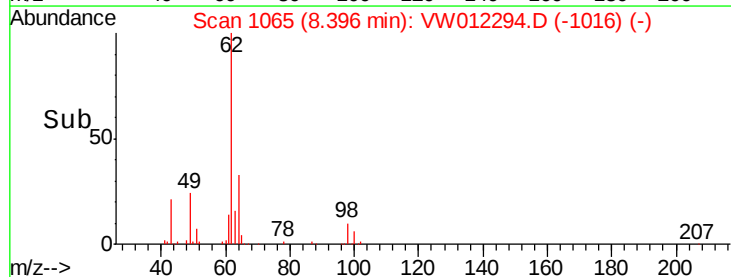
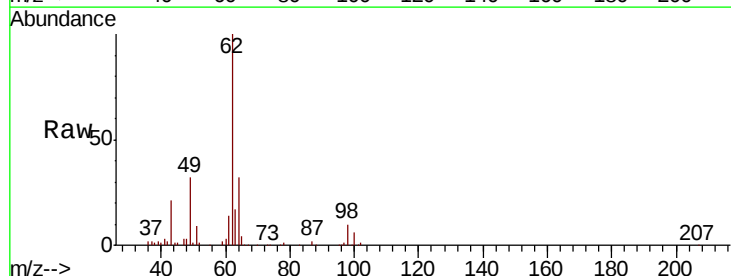
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

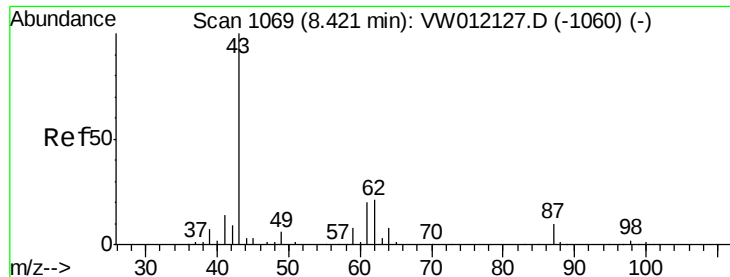
Tgt Ion:	41	Resp:	28944
Ion	Ratio	Lower	Upper
41	100		
39	51.4	45.8	68.8
67	56.5	46.2	69.4
52	26.8	21.0	31.6



#42
1,2-Dichloroethane
Concen: 19.098 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion:	62	Resp:	74165
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.283 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

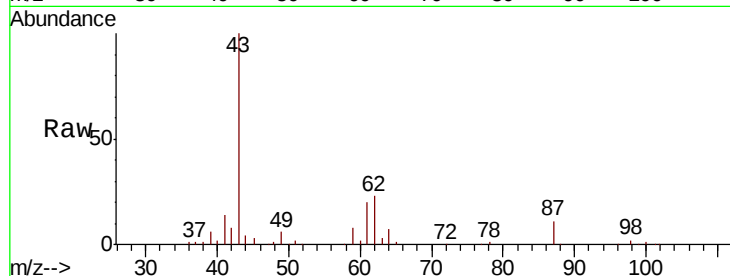
Tgt Ion: 43 Resp: 88818

Ion Ratio Lower Upper

43 100

61 27.8 21.1 31.7

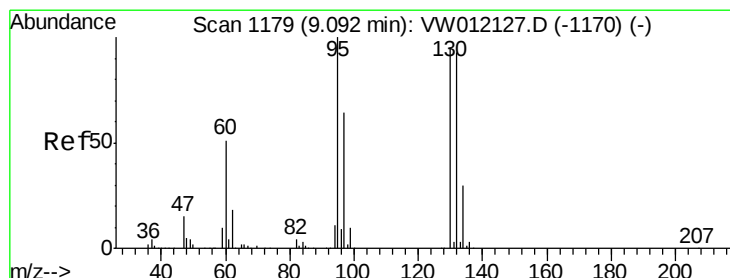
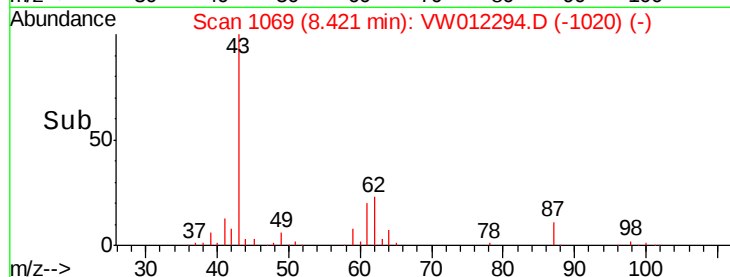
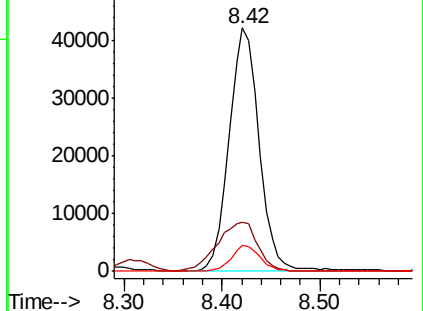
87 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.055 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012294.D

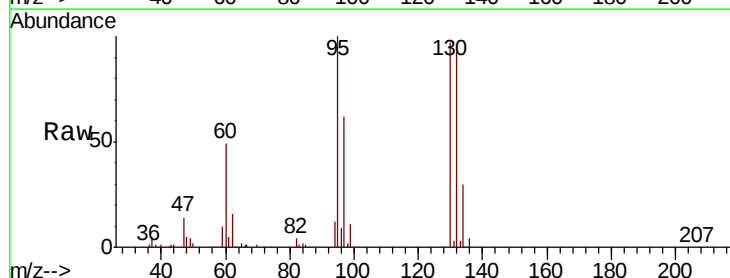
Acq: 29 Aug 2019 11:19

Tgt Ion: 130 Resp: 60407

Ion Ratio Lower Upper

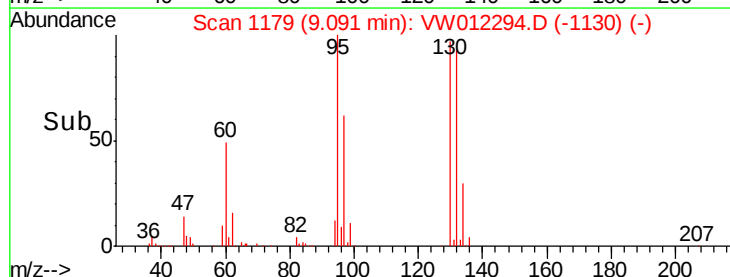
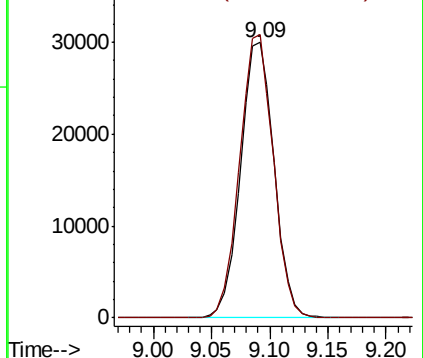
130 100

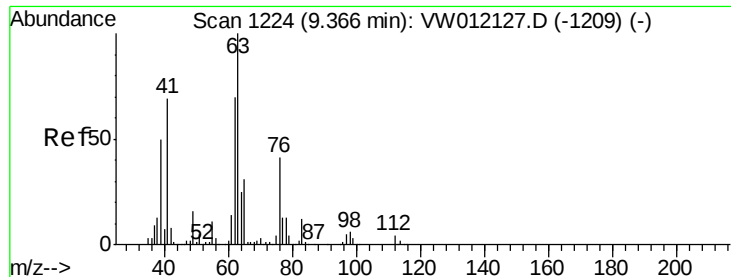
95 102.7 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

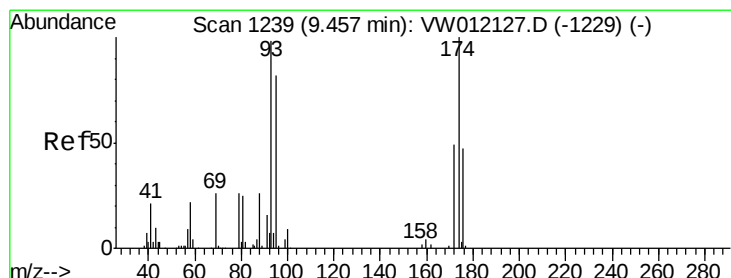
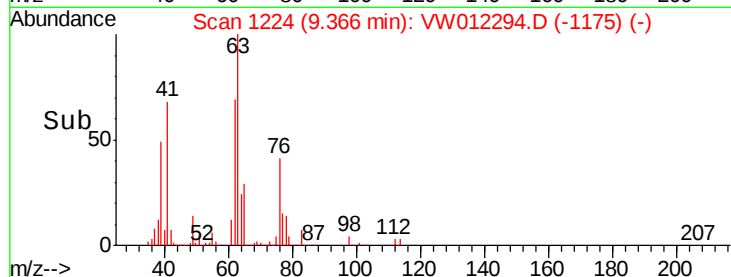
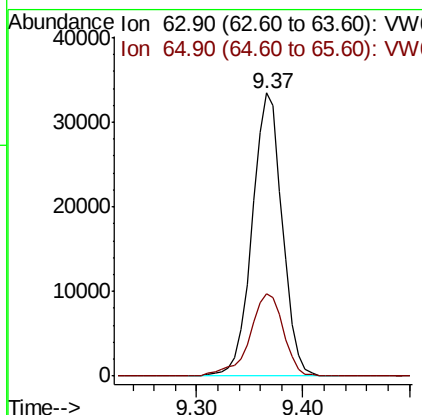
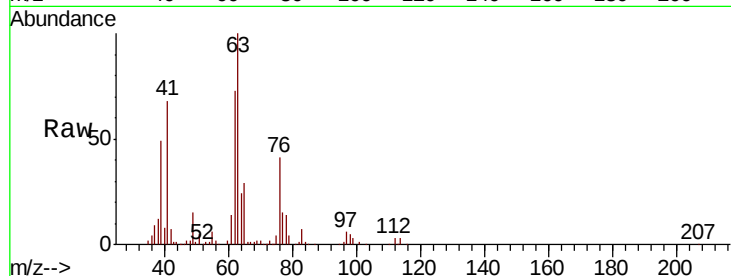




#45
 1,2-Dichloropropane
 Concen: 19.889 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

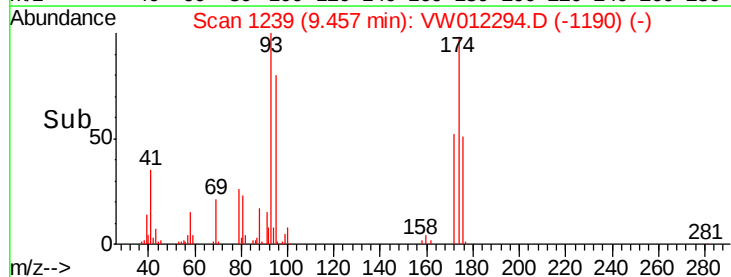
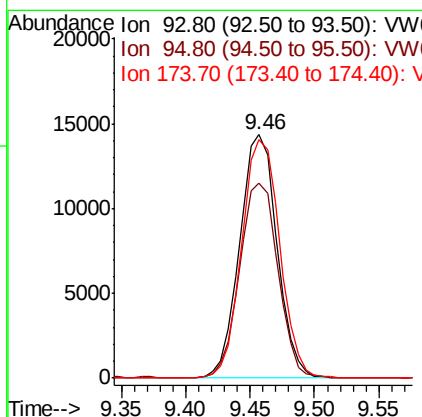
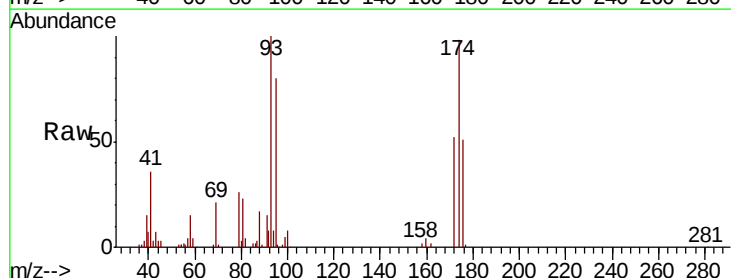
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

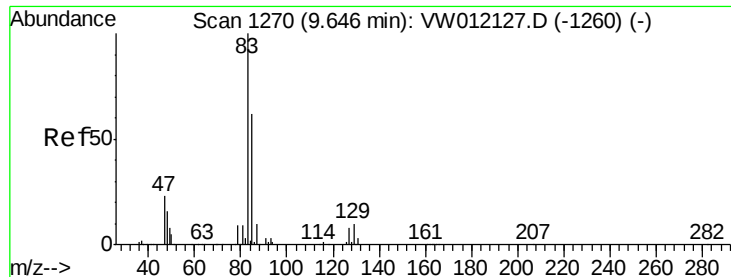
Tgt Ion: 63 Resp: 66323
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.0 37.4



#46
 Dibromomethane
 Concen: 19.451 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Tgt Ion: 93 Resp: 28860
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.2 100.8
 174 99.9 79.0 118.6





#47

Bromodichloromethane

Concen: 19.828 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

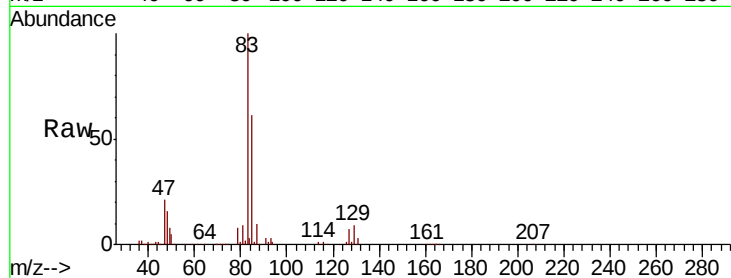
Tgt Ion: 83 Resp: 78294

Ion Ratio Lower Upper

83 100

85 61.2 49.4 74.2

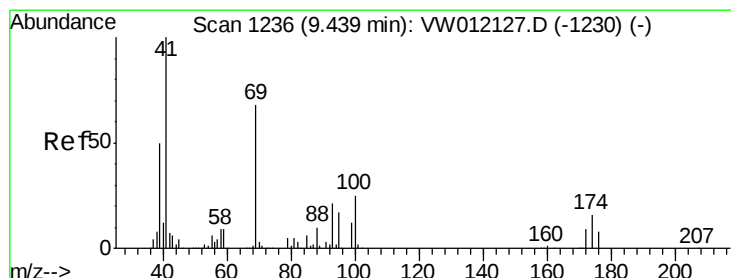
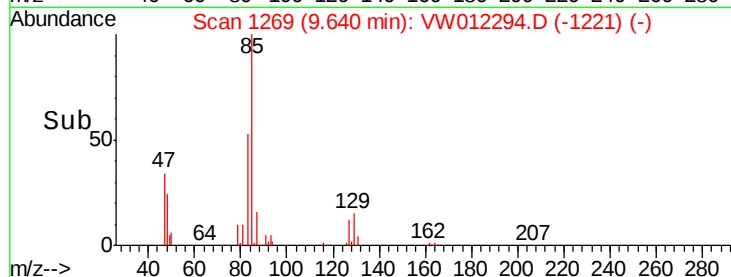
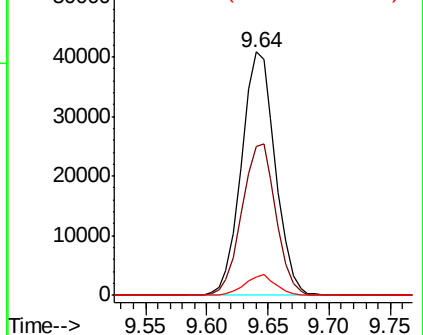
127 7.4 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 19.360 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

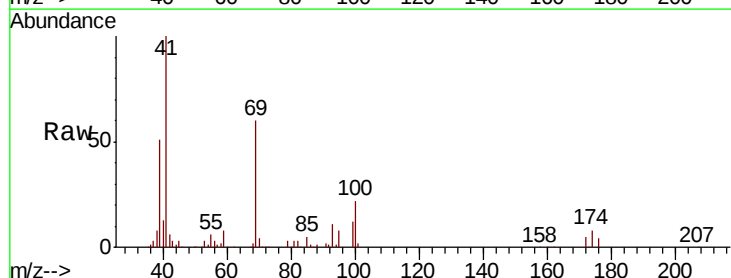
Tgt Ion: 41 Resp: 42442

Ion Ratio Lower Upper

41 100

69 68.1 56.7 85.1

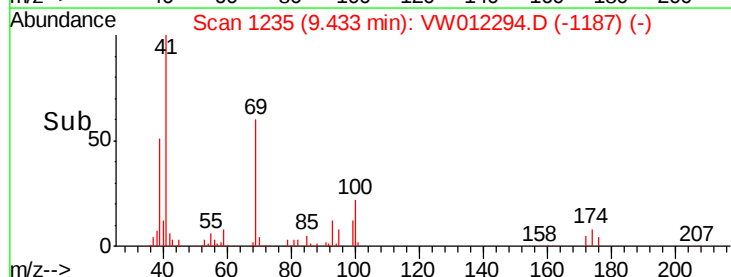
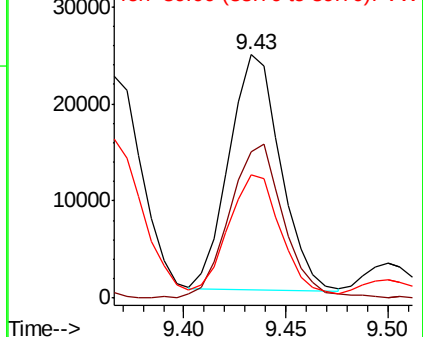
39 50.9 42.0 63.0

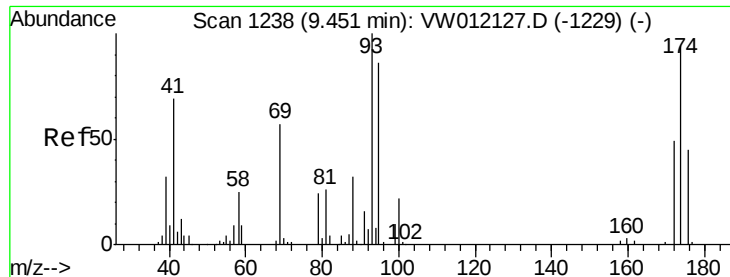


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

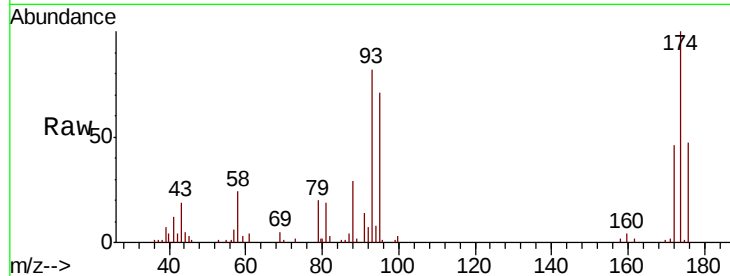




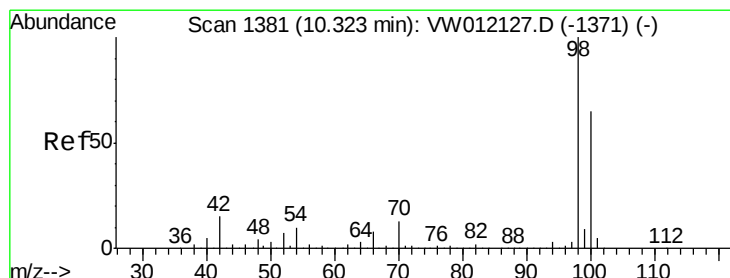
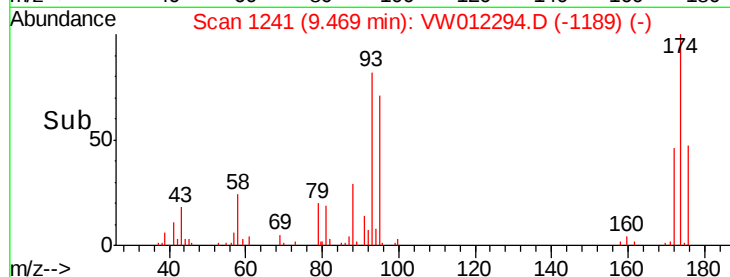
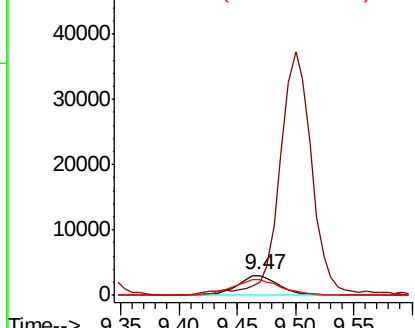
#49
 1,4-Dioxane
 Concen: 334.248 ug/l
 RT: 9.47 min Scan# 1241
 Delta R.T. 0.02 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

Tgt Ion: 88 Resp: 7592
 Ion Ratio Lower Upper
 88 100
 43 0.0 32.9 49.3#
 58 94.5 71.0 106.4

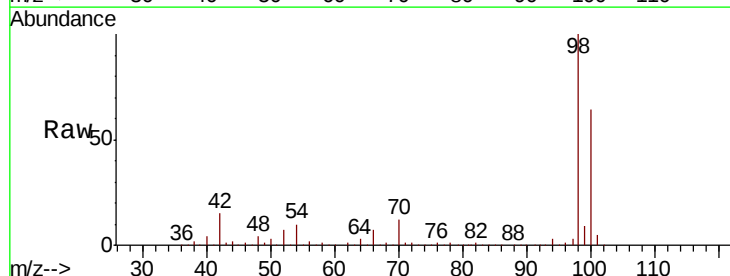


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

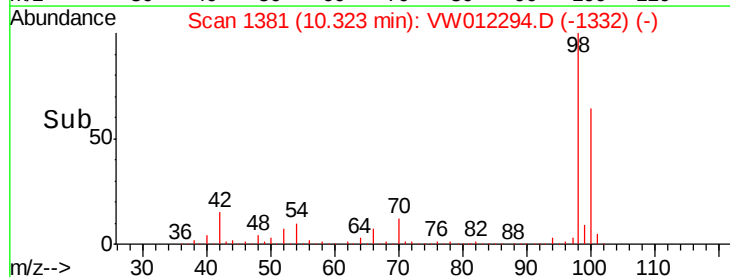
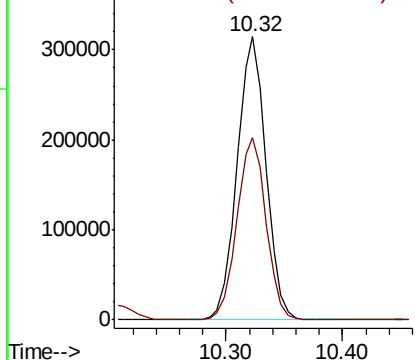


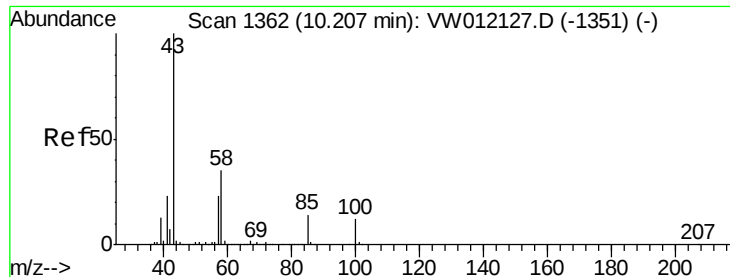
#50
 Toluene-d8
 Concen: 50.937 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Tgt Ion: 98 Resp: 541347
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

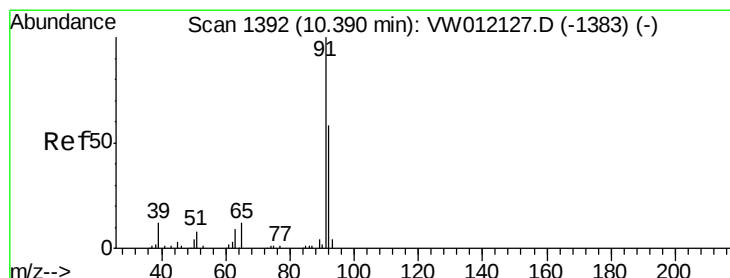
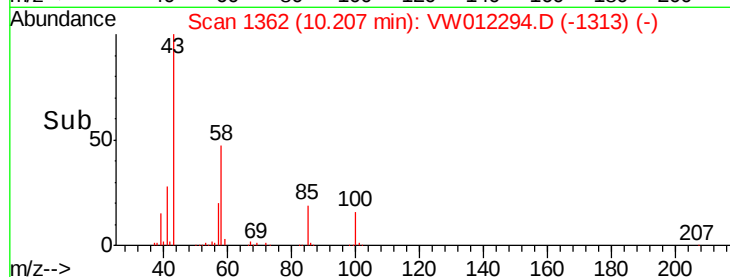
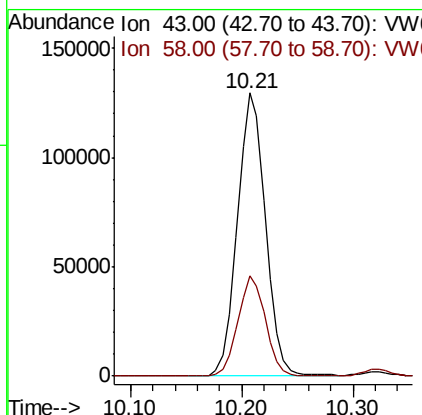
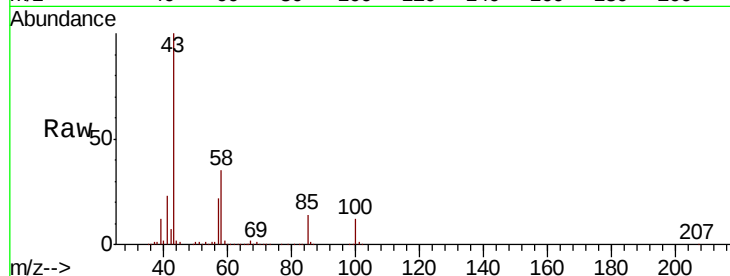




#51
 4-Methyl-2-Pentanone
 Concen: 96.012 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

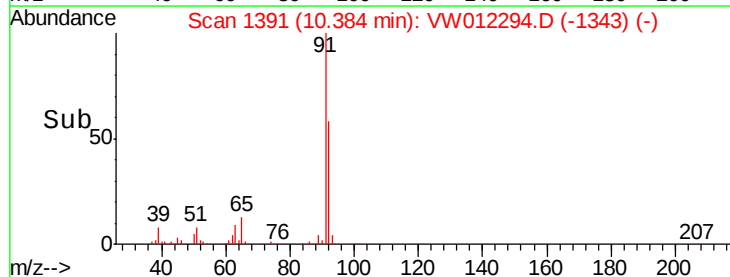
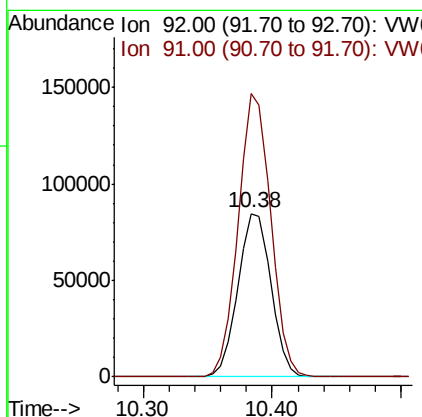
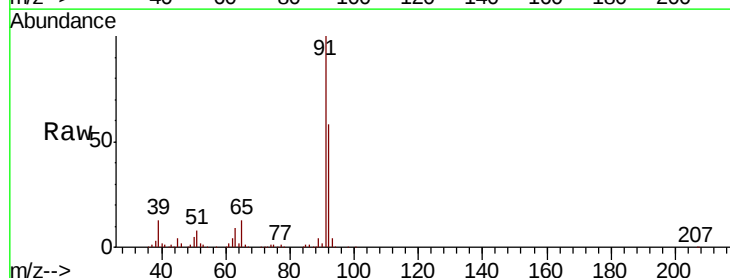
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

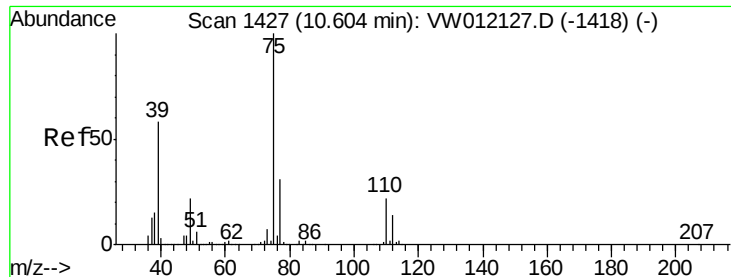
Tgt Ion: 43 Resp: 224931
 Ion Ratio Lower Upper
 43 100
 58 35.0 28.2 42.2



#52
 Toluene
 Concen: 20.118 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Tgt Ion: 92 Resp: 149746
 Ion Ratio Lower Upper
 92 100
 91 171.7 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 19.715 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampled :

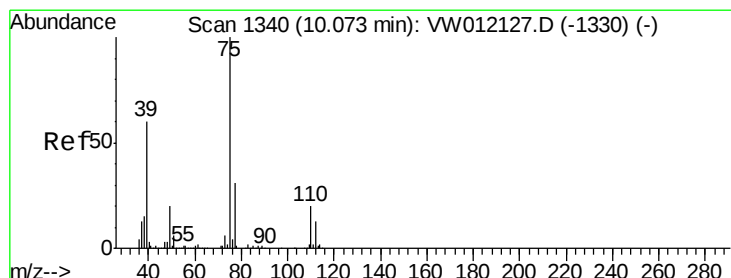
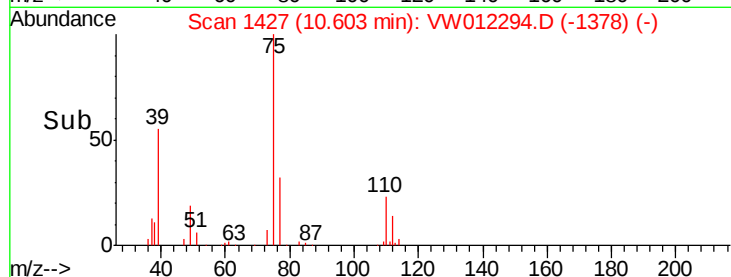
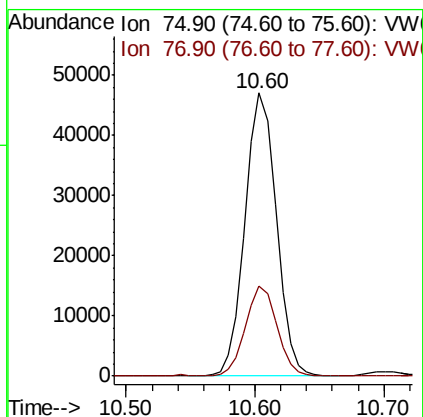
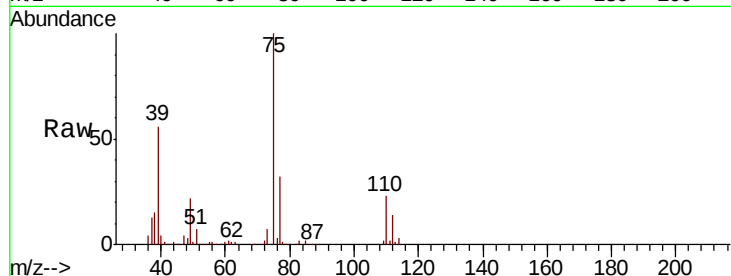
VW0829SBS01

Tgt Ion: 75 Resp: 79300

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.752 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

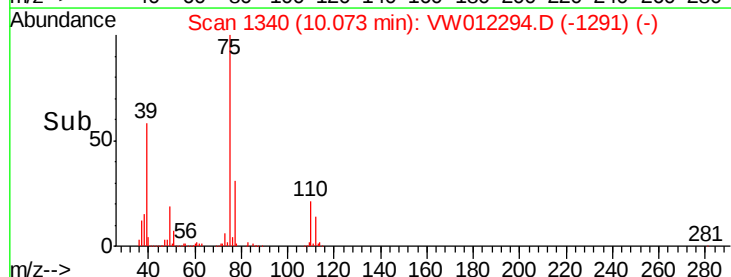
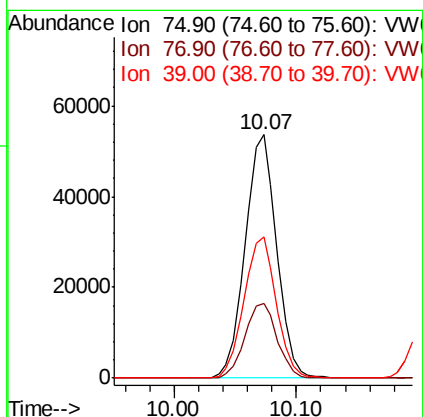
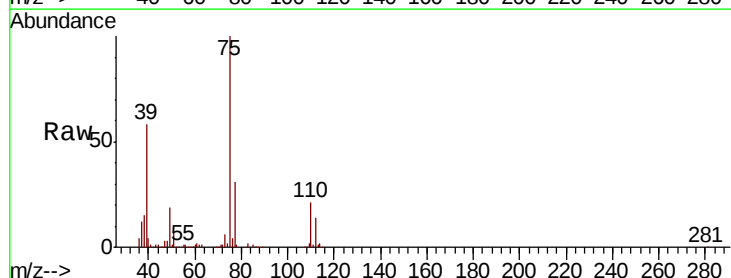
Tgt Ion: 75 Resp: 95930

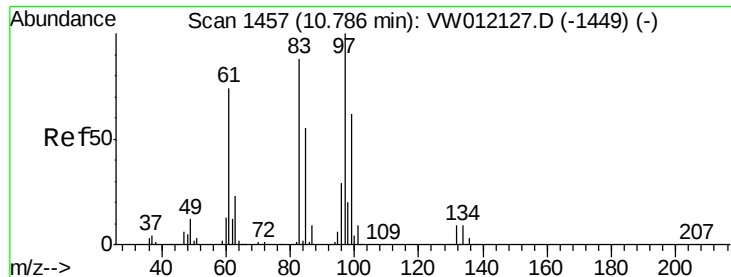
Ion Ratio Lower Upper

75 100

77 30.5 25.1 37.7

39 57.9 48.3 72.5

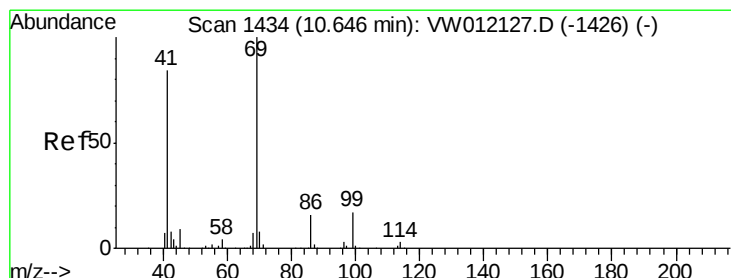
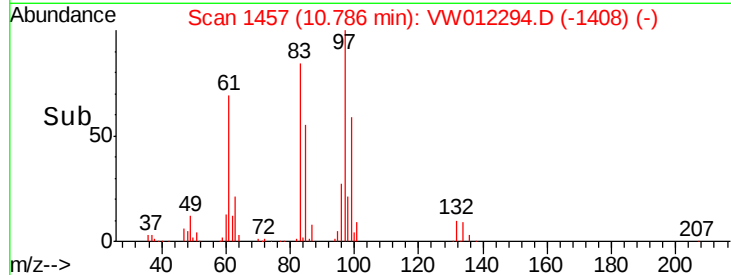
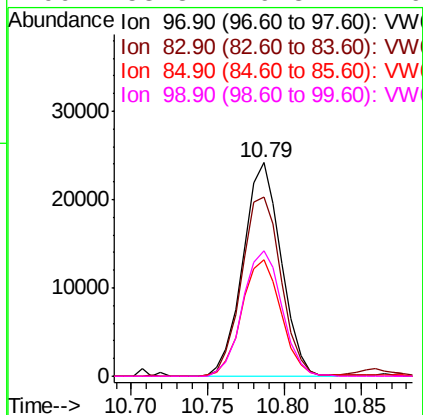
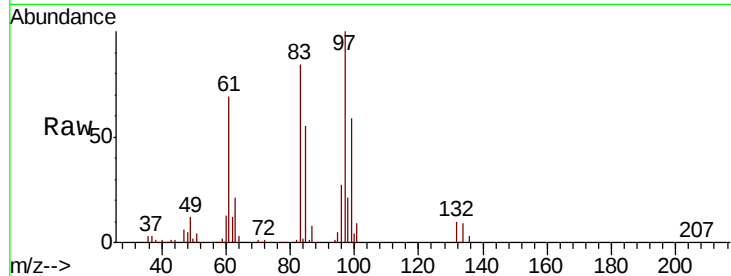




#55
 1,1,2-Trichloroethane
 Concen: 19.939 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

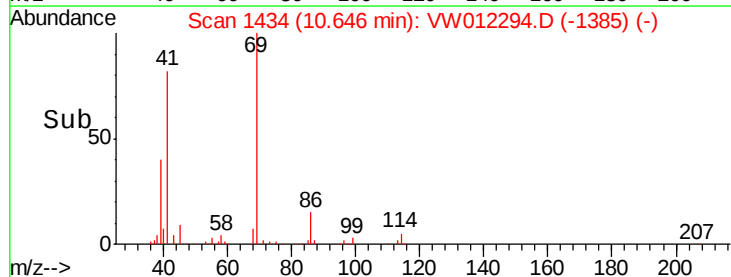
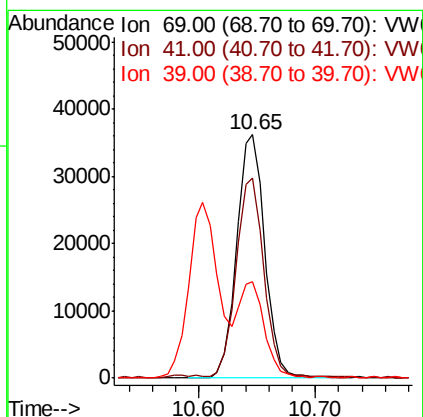
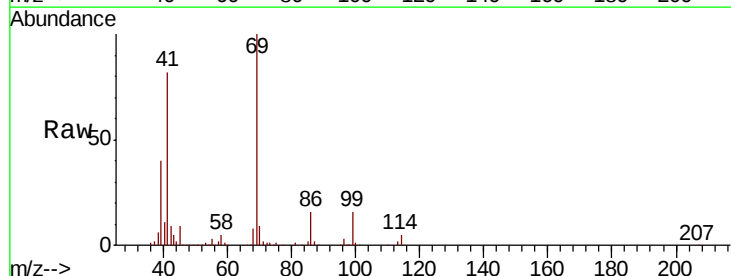
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

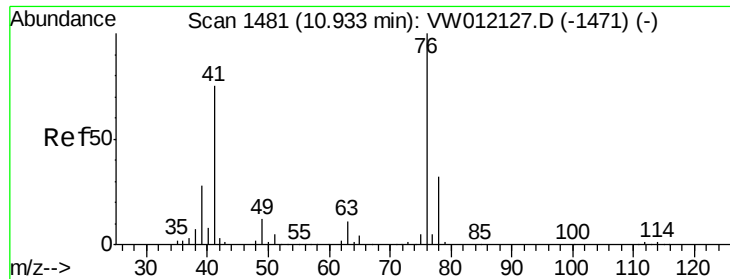
Tgt Ion:	97	Resp:	41856
Ion	Ratio	Lower	Upper
97	100		
83	83.9	70.8	106.2
85	54.6	43.8	65.8
99	58.8	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 19.968 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Tgt Ion:	69	Resp:	61007
Ion	Ratio	Lower	Upper
69	100		
41	79.7	66.5	99.7
39	36.3	31.0	46.4

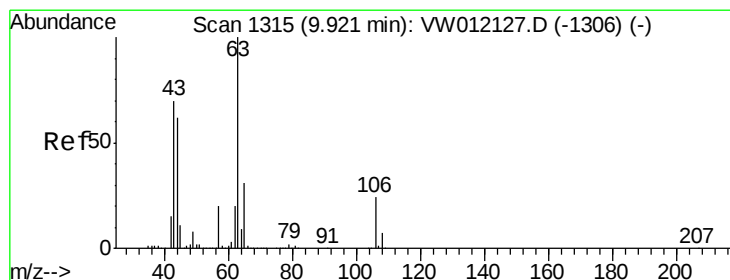
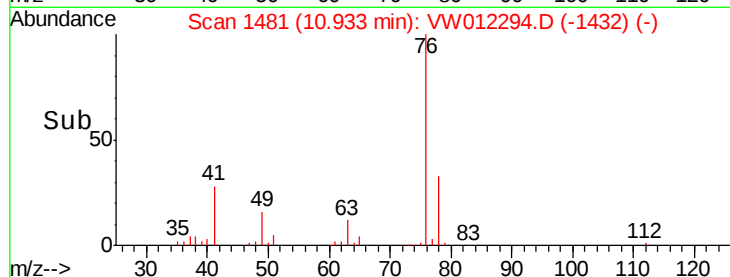
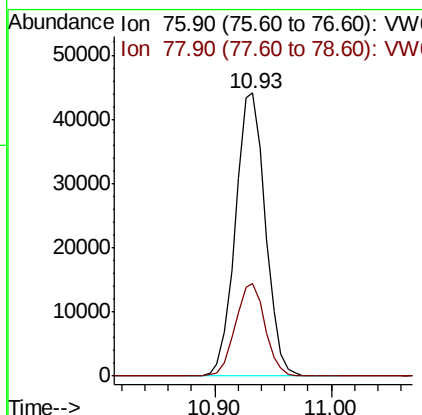
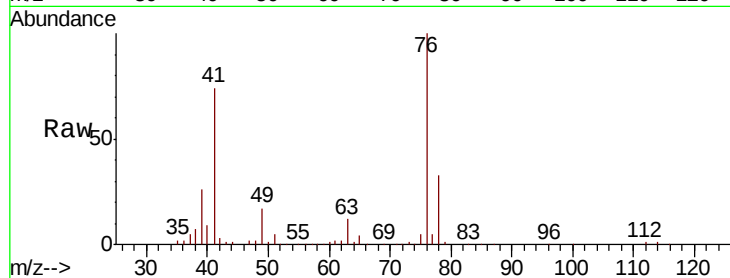




#57
 1,3-Dichloropropane
 Concen: 19.913 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

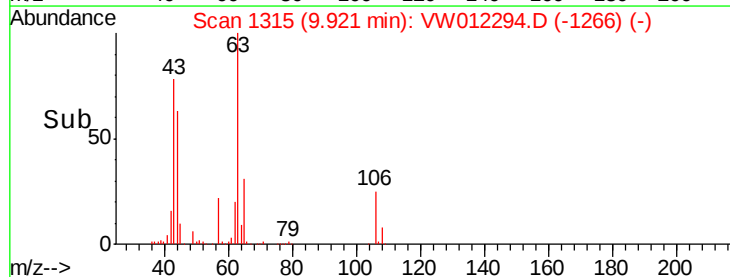
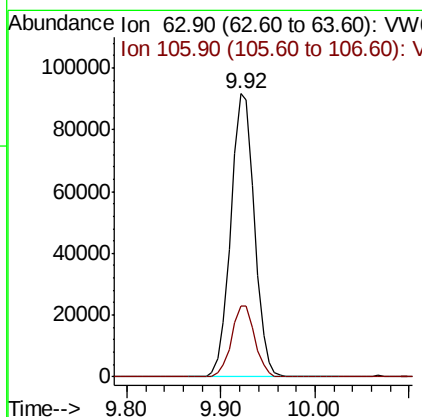
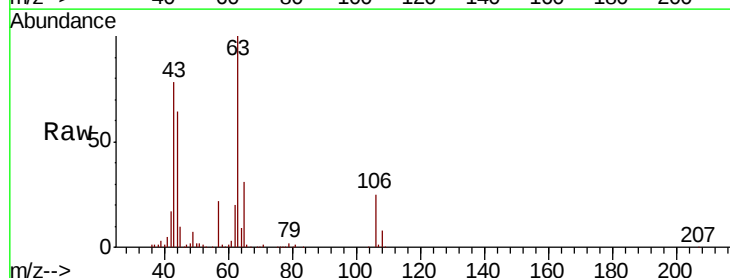
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

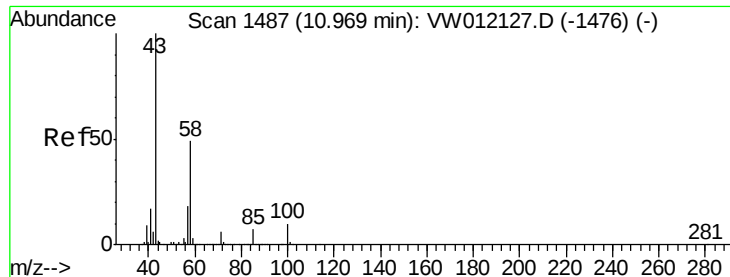
Tgt Ion: 76 Resp: 78993
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.899 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Tgt Ion: 63 Resp: 159779
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.8 29.8

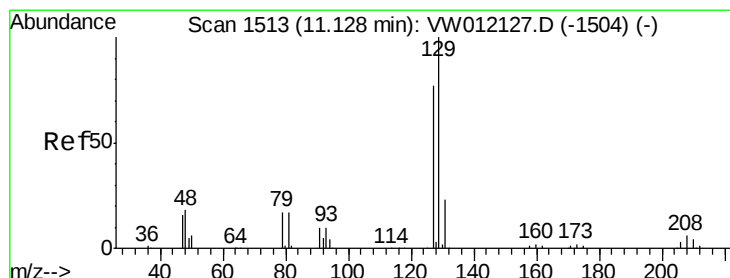
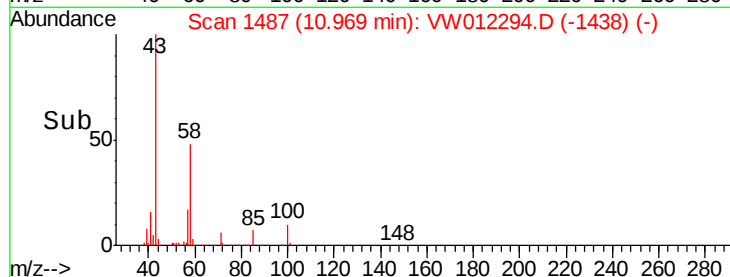
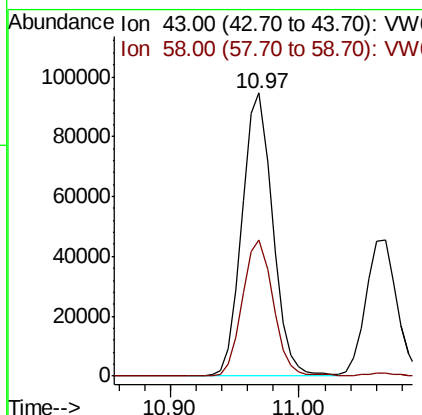
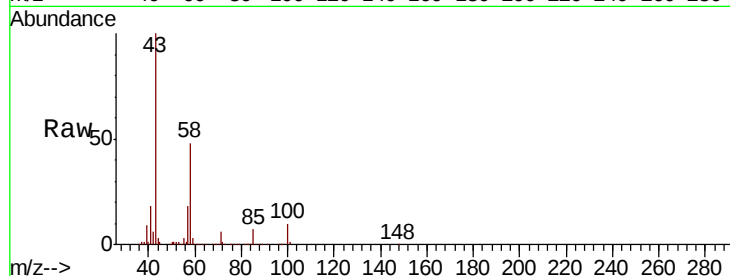




#59
2-Hexanone
Concen: 93.947 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

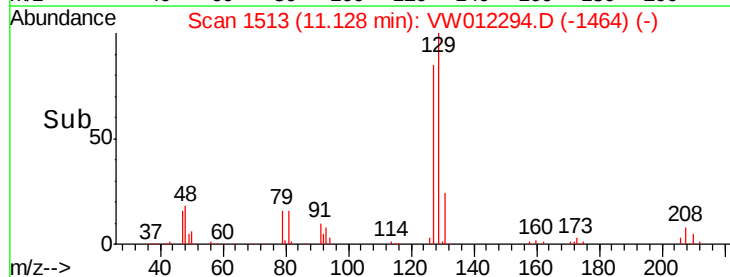
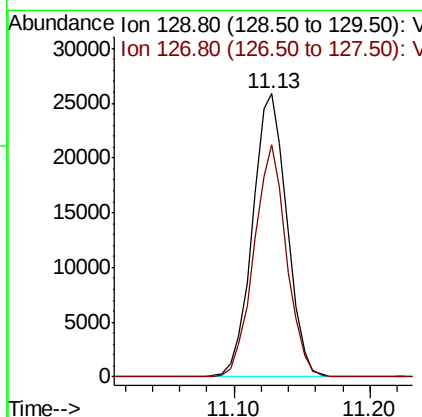
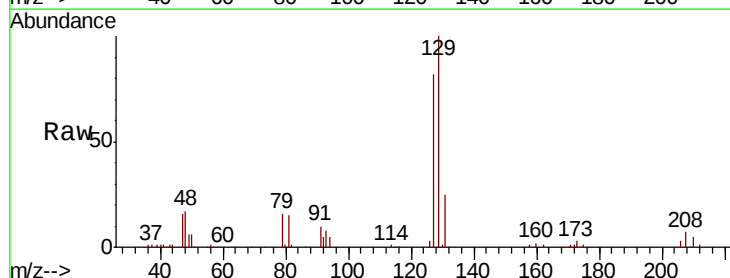
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

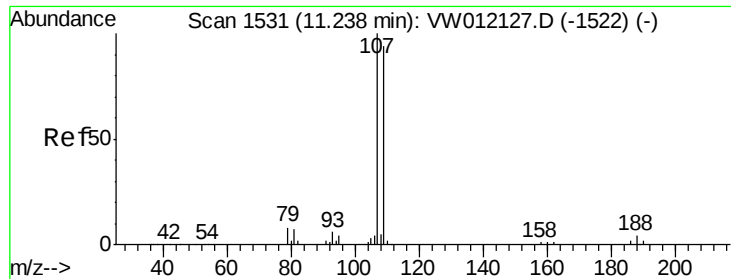
Tgt Ion: 43 Resp: 155730
Ion Ratio Lower Upper
43 100
58 48.5 24.3 72.9



#60
Dibromochloromethane
Concen: 19.542 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion: 129 Resp: 45694
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8

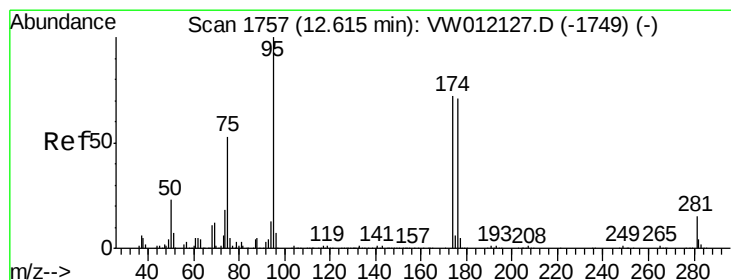
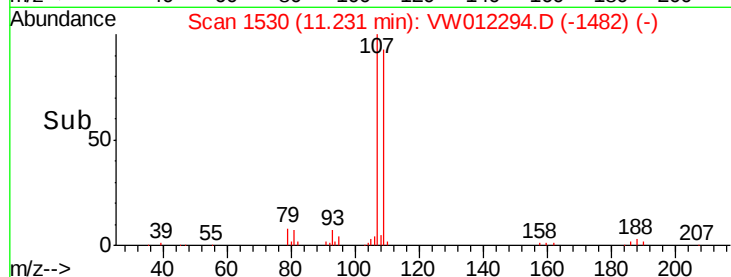
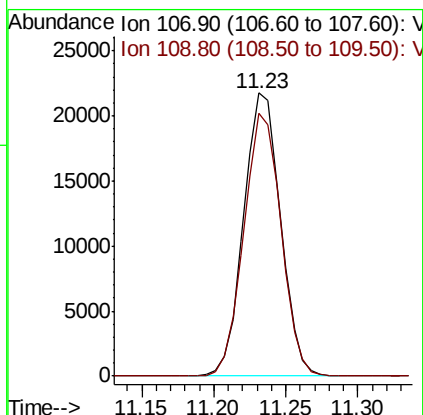
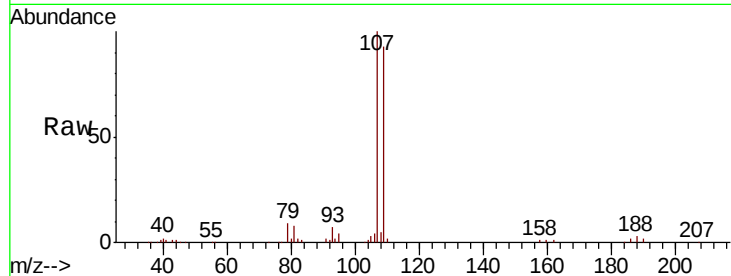




#61
 1,2-Dibromoethane
 Concen: 19.705 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

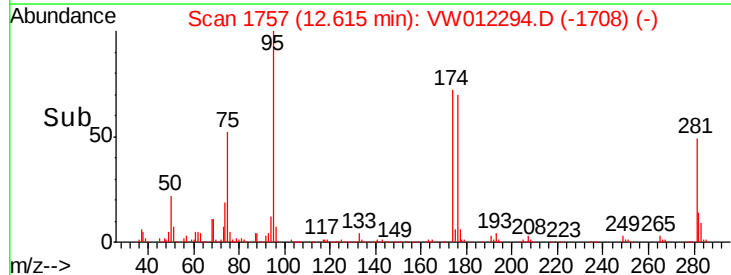
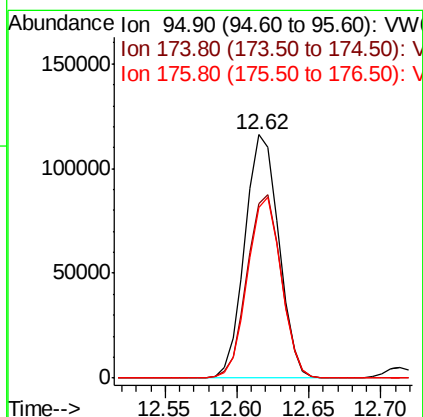
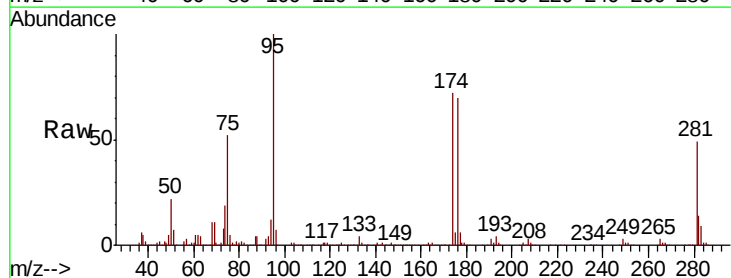
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

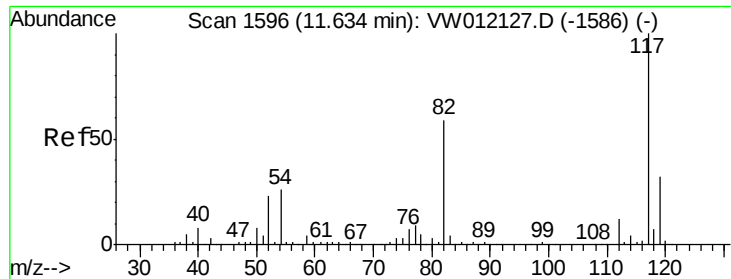
Tgt Ion: 107 Resp: 38537
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.663 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Tgt Ion: 95 Resp: 189798
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 150.8
 176 73.6 0.0 148.6

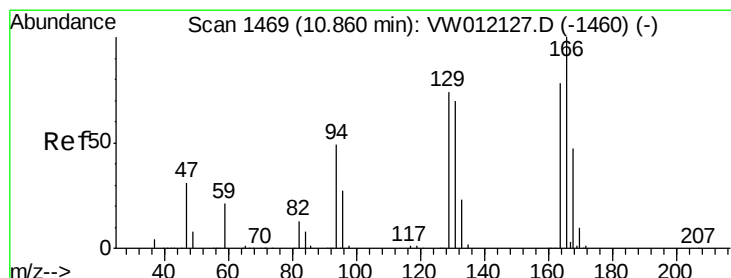
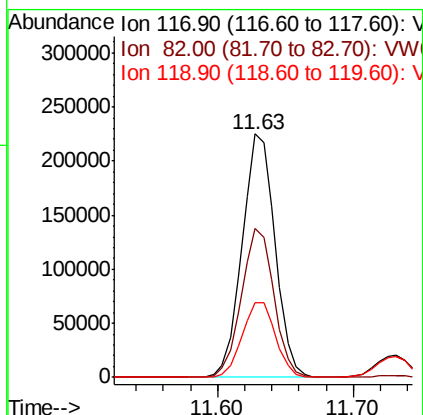
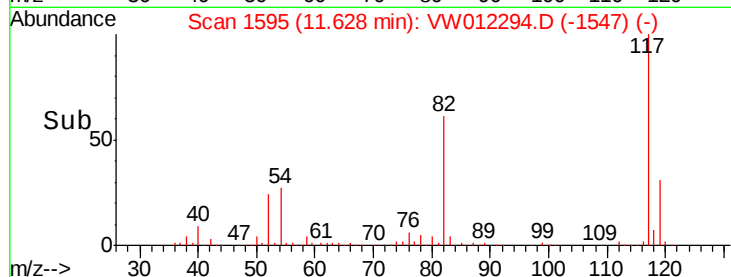
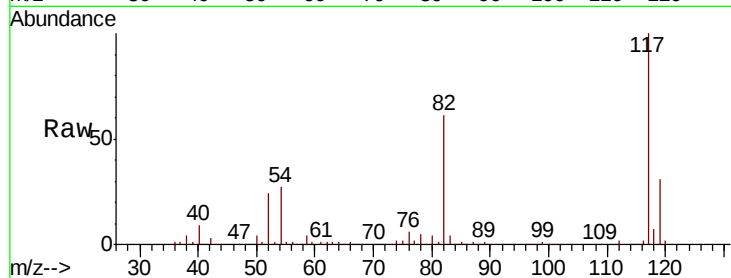




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

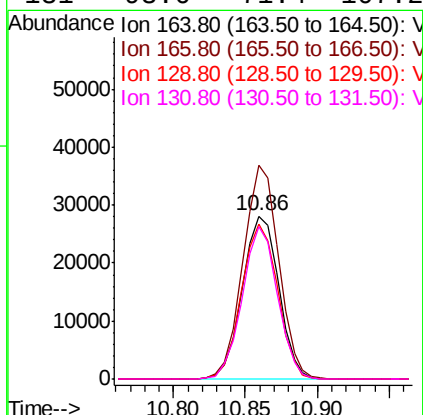
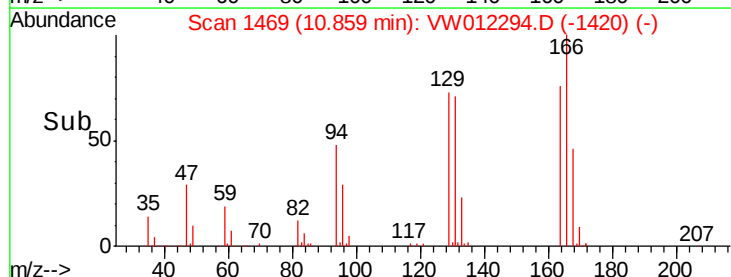
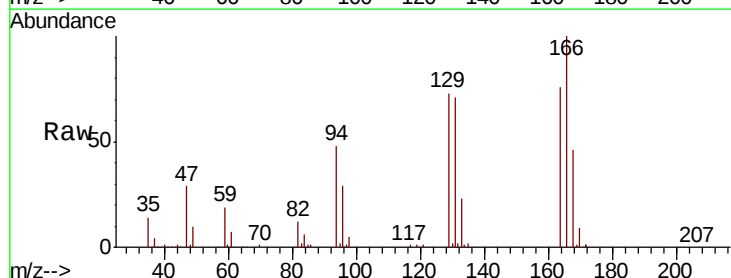
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

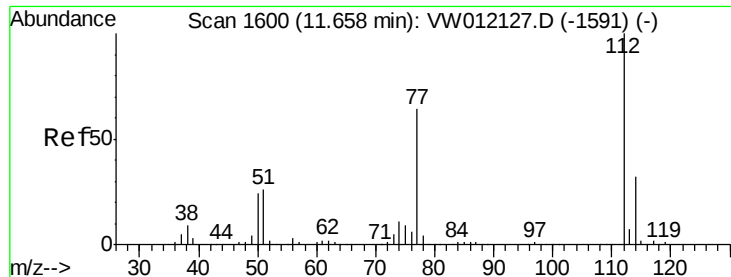
Tgt Ion:117 Resp: 379701
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.2
119 30.6 25.4 38.2



#64
Tetrachloroethene
Concen: 19.976 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion:164 Resp: 49176
Ion Ratio Lower Upper
164 100
166 131.0 102.4 153.6
129 95.3 75.8 113.6
131 93.6 71.4 107.2

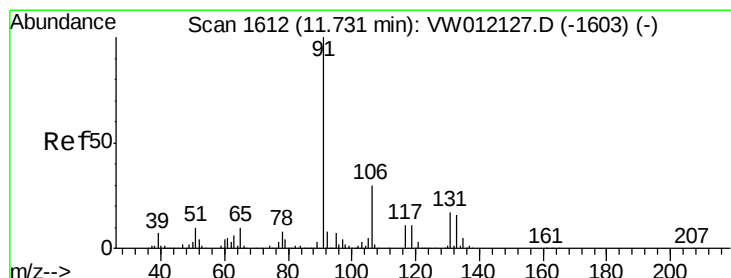
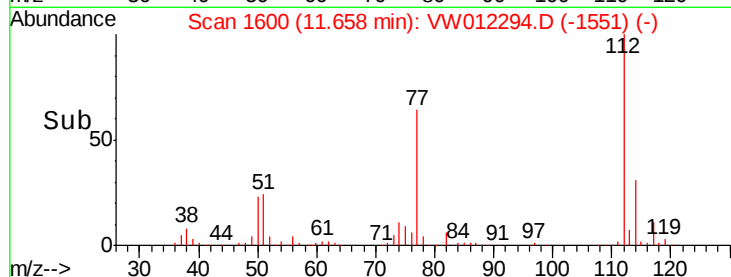
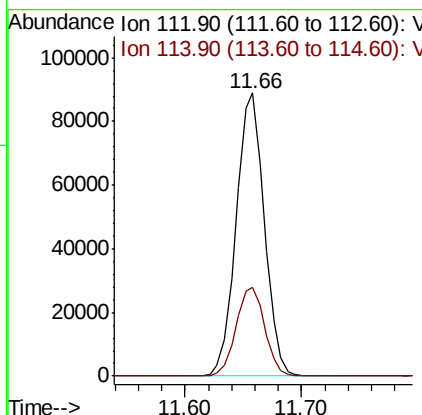
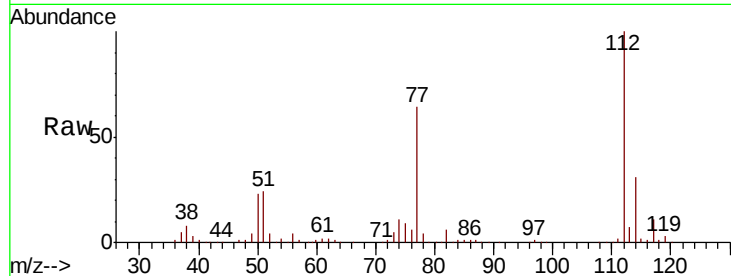




#65
Chlorobenzene
Concen: 20.067 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

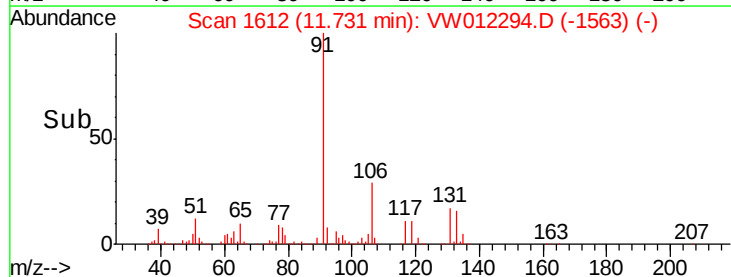
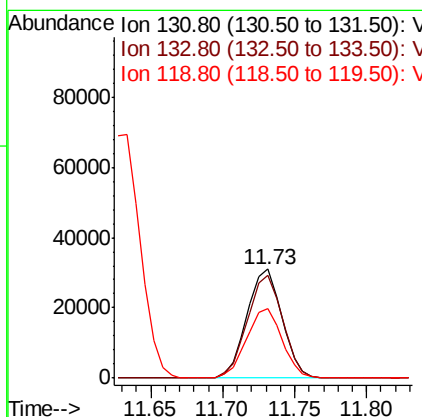
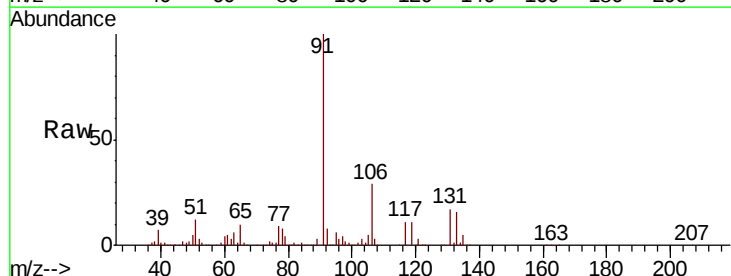
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

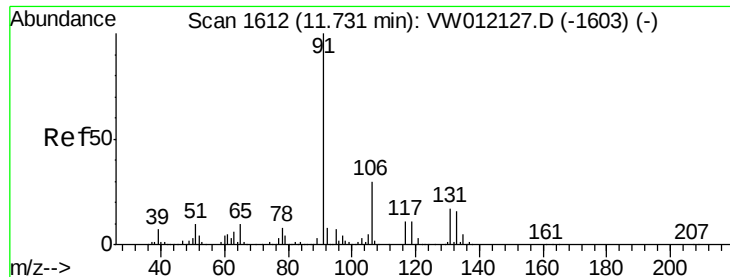
Tgt Ion:112 Resp: 150037
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.054 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion:131 Resp: 52307
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.3
119 64.8 31.8 95.3

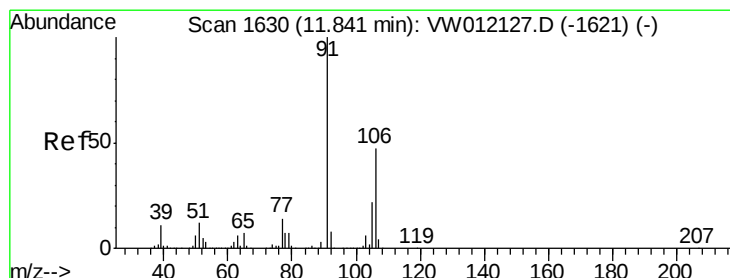
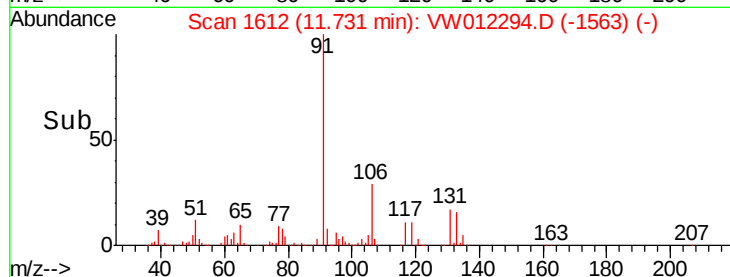
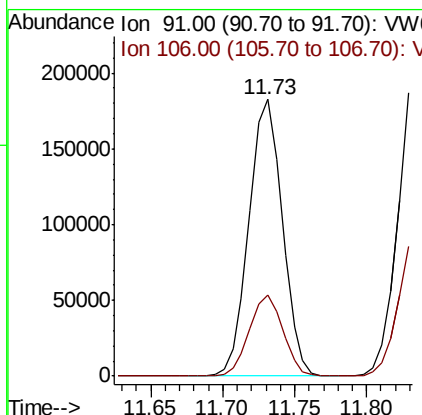
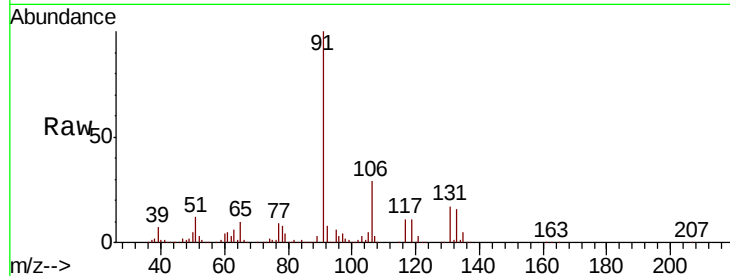




#67
Ethyl Benzene
Concen: 20.370 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

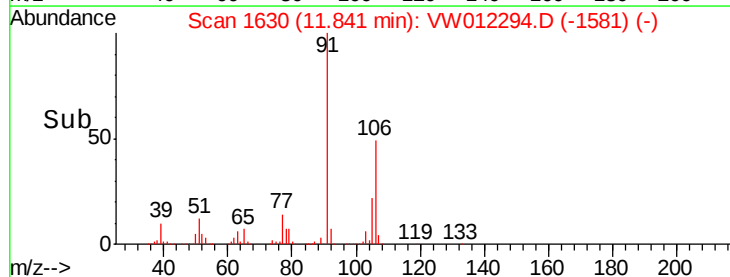
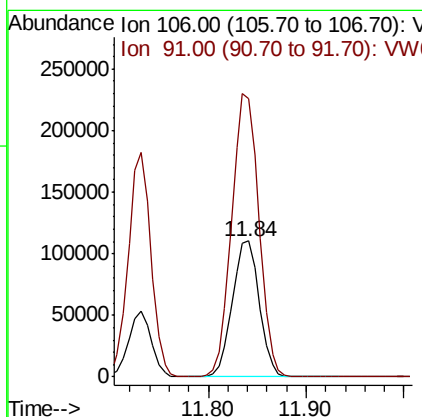
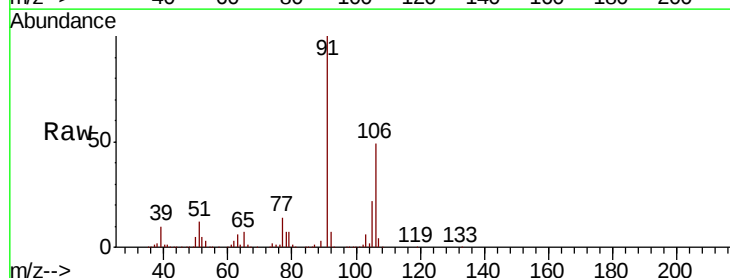
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

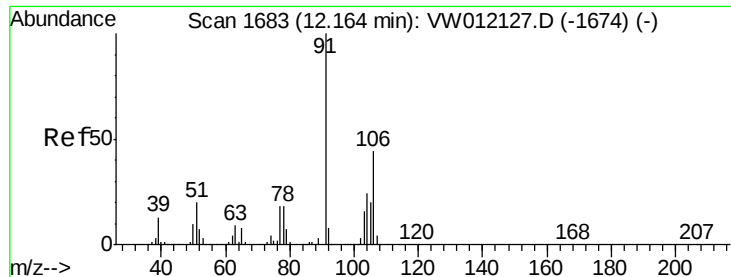
Tgt Ion: 91 Resp: 293377
Ion Ratio Lower Upper
91 100
106 29.5 24.3 36.5



#68
m/p-Xylenes
Concen: 40.653 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion: 106 Resp: 210903
Ion Ratio Lower Upper
106 100
91 210.1 169.5 254.3

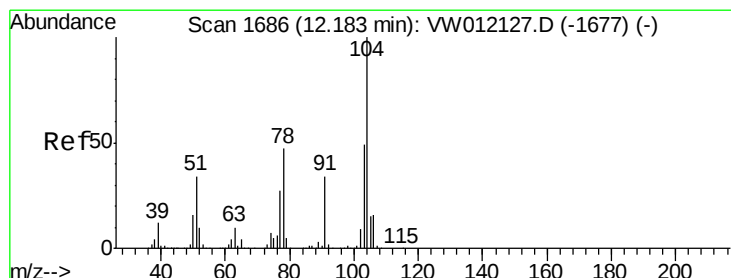
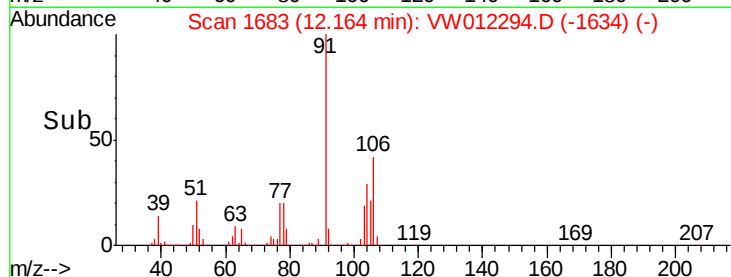
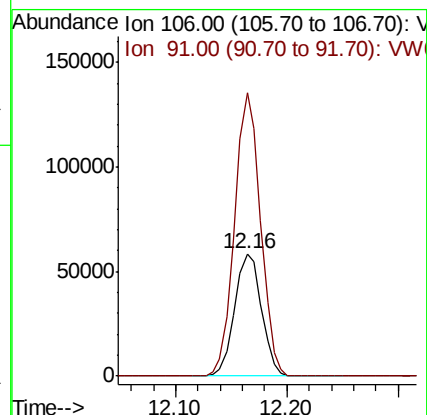
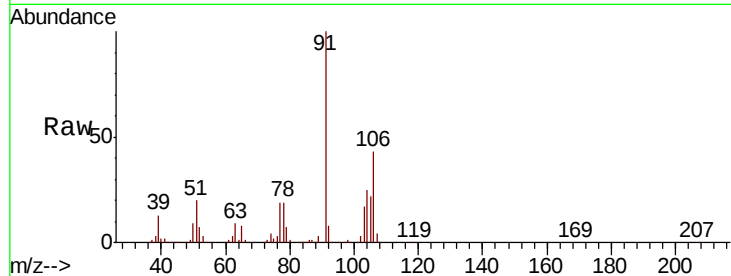




#69
o-Xylene
Concen: 20.377 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

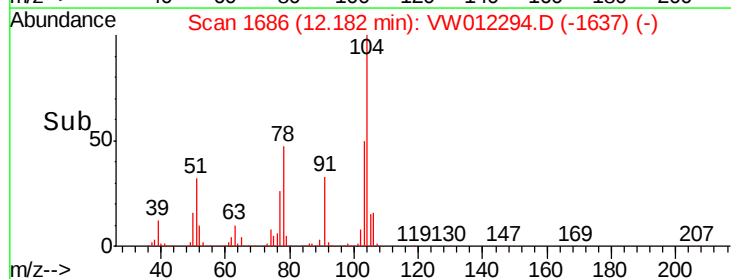
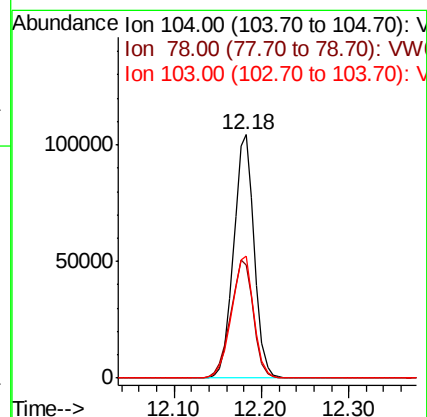
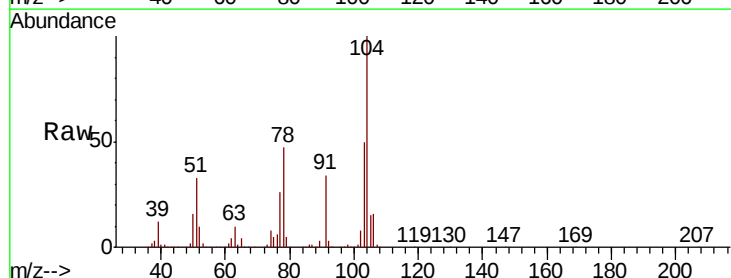
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

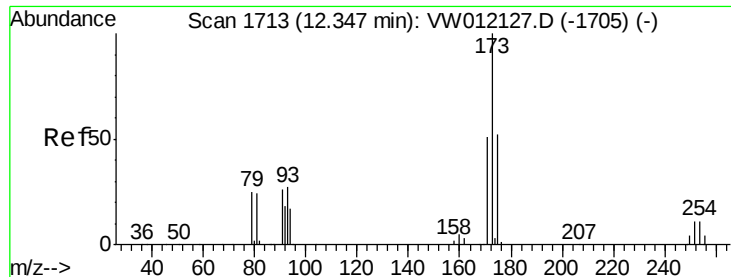
Tgt Ion:106 Resp: 97842
Ion Ratio Lower Upper
106 100
91 222.7 111.6 334.6



#70
Styrene
Concen: 20.458 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion:104 Resp: 170031
Ion Ratio Lower Upper
104 100
78 53.7 43.1 64.7
103 53.8 43.5 65.3





#71

Bromoform

Concen: 19.264 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

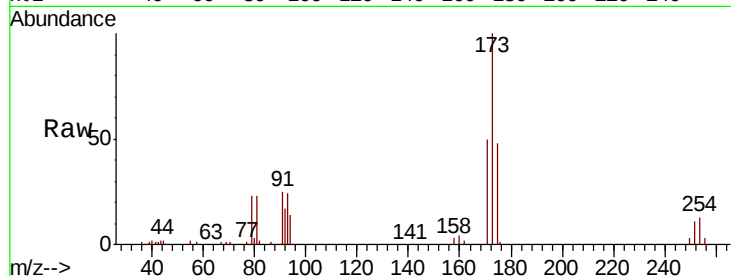
Tgt Ion:173 Resp: 25034

Ion Ratio Lower Upper

173 100

175 47.7 24.6 74.0

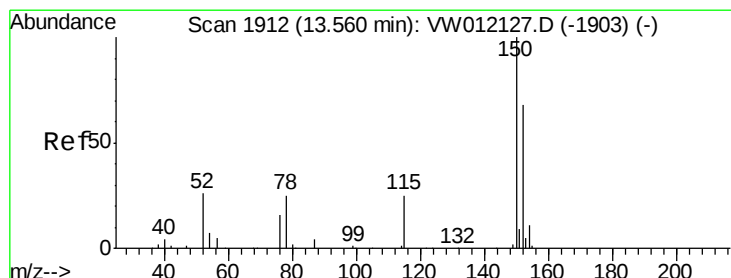
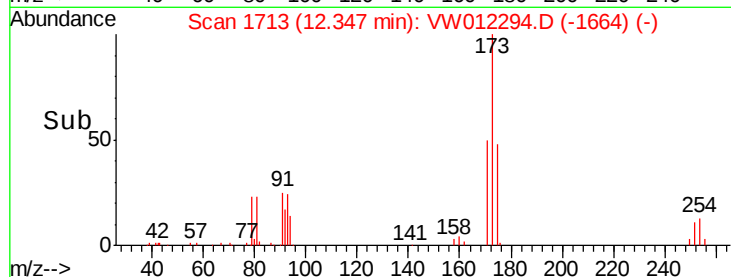
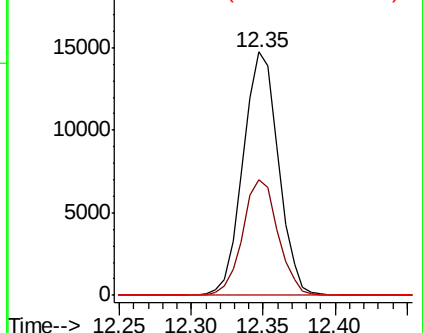
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

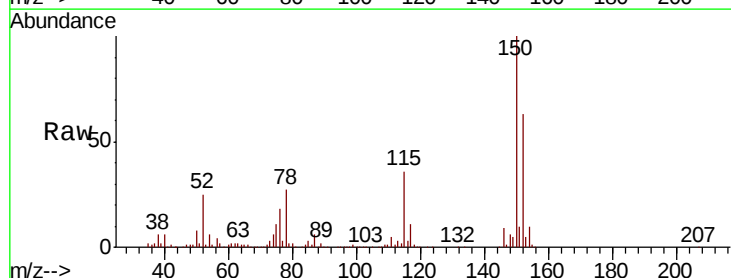
Tgt Ion:152 Resp: 180145

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

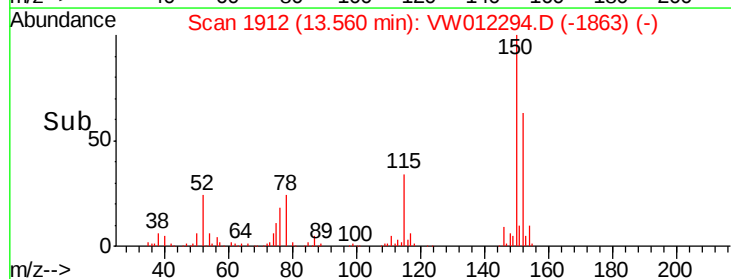
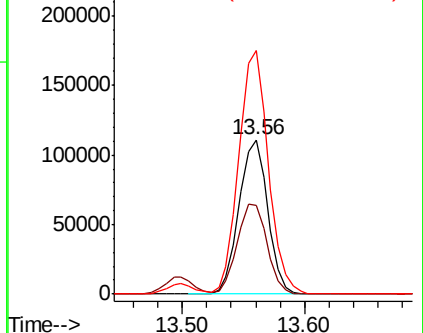
150 163.0 0.0 345.8

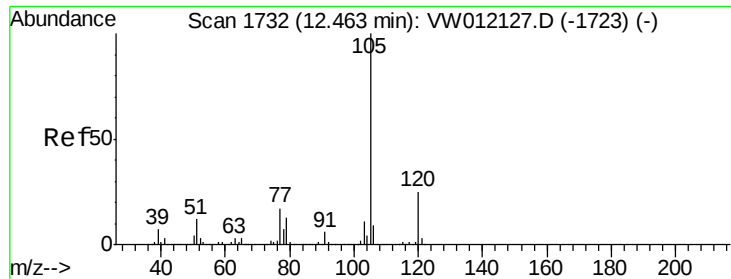


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.845 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

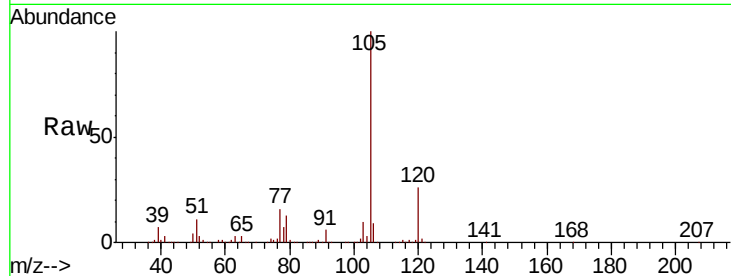
VW0829SBS01

Tgt Ion:105 Resp: 281379

Ion Ratio Lower Upper

105 100

120 25.7 12.5 37.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

200000

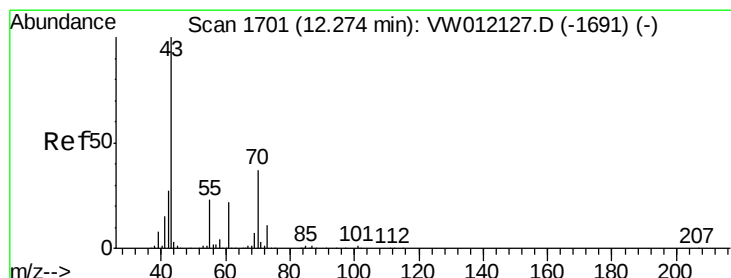
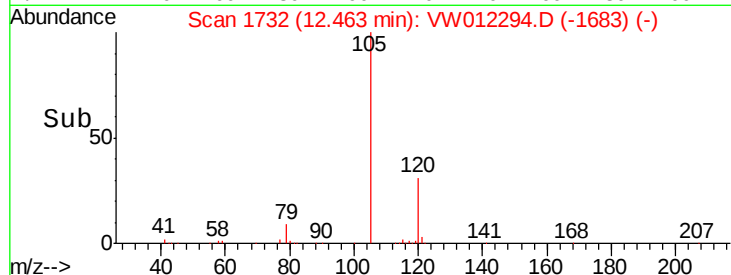
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.474 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Tgt Ion: 43 Resp: 79419

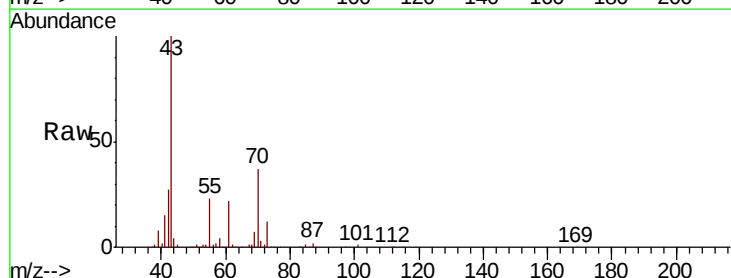
Ion Ratio Lower Upper

43 100

70 36.9 28.6 43.0

55 23.6 17.8 26.6

61 22.4 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

80000

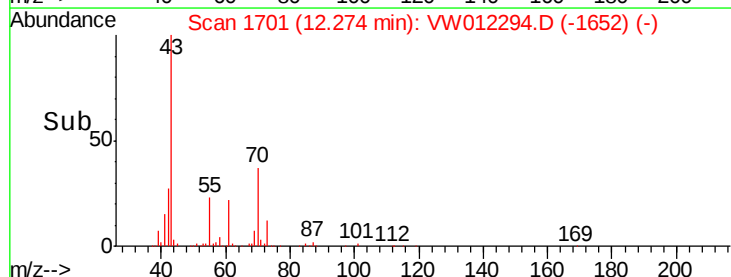
60000

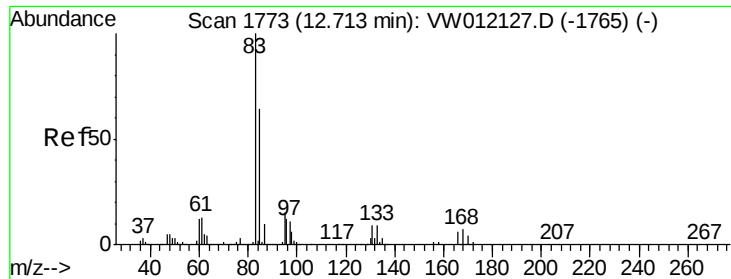
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.680 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

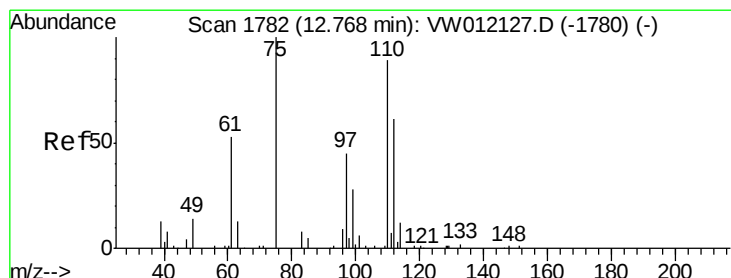
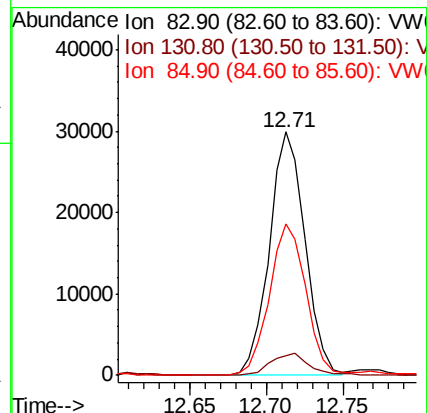
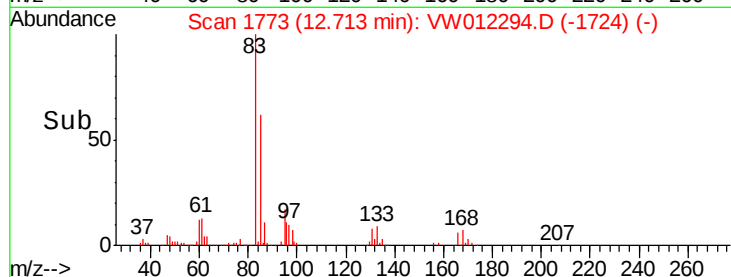
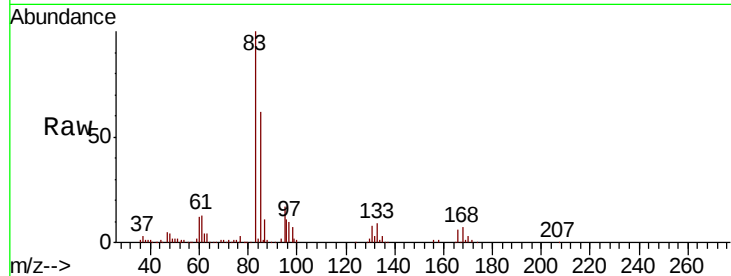
Tgt Ion: 83 Resp: 48702

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

85 63.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 36.353 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012294.D

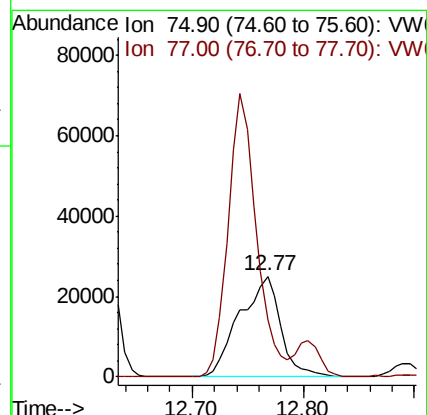
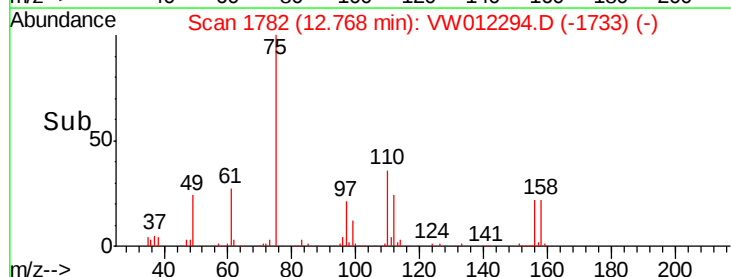
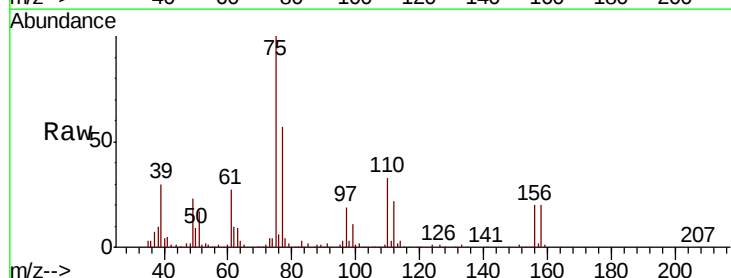
Acq: 29 Aug 2019 11:19

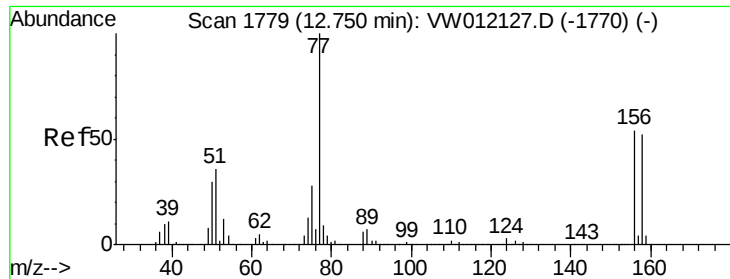
Tgt Ion: 75 Resp: 63780

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.679 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

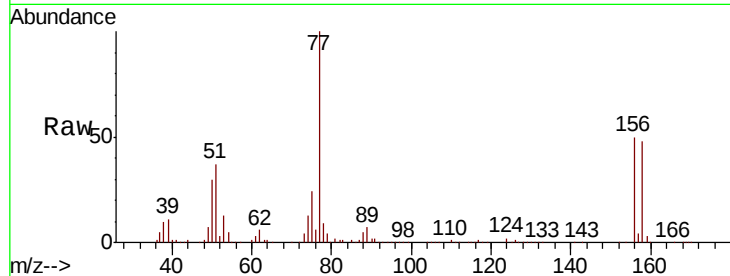
Tgt Ion:156 Resp: 60387

Ion Ratio Lower Upper

156 100

77 207.3 107.3 321.8

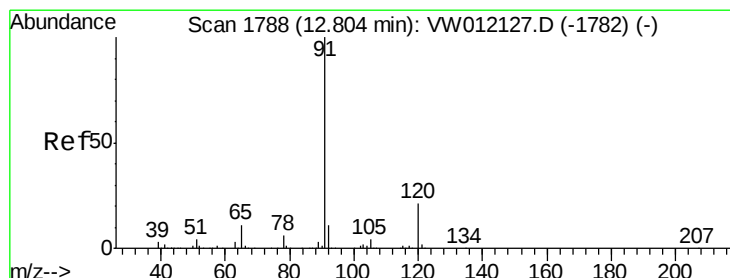
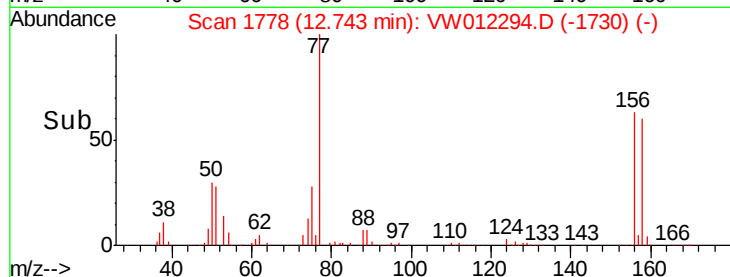
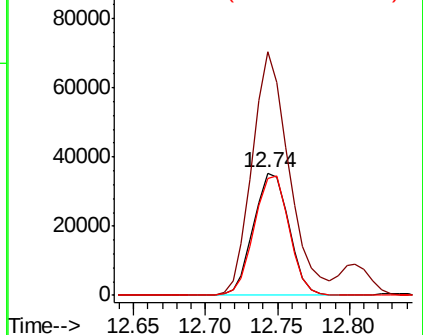
158 96.1 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.531 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012294.D

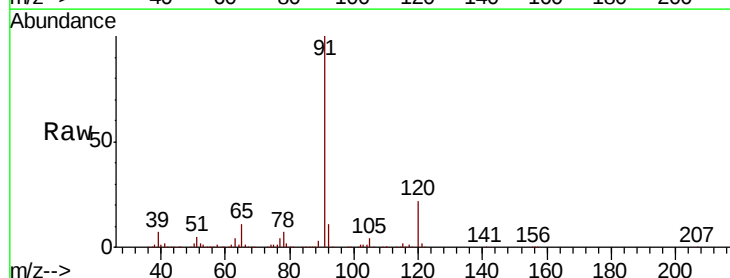
Acq: 29 Aug 2019 11:19

Tgt Ion: 91 Resp: 338328

Ion Ratio Lower Upper

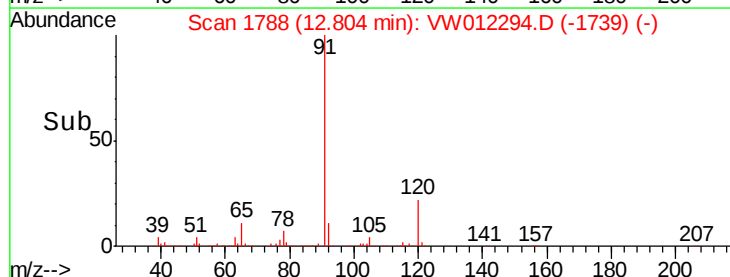
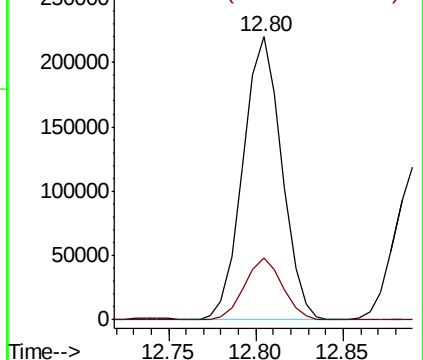
91 100

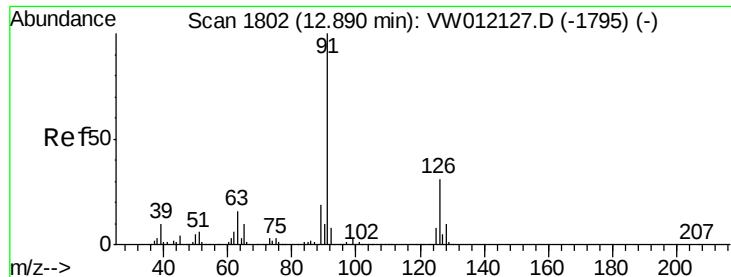
120 21.5 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.479 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

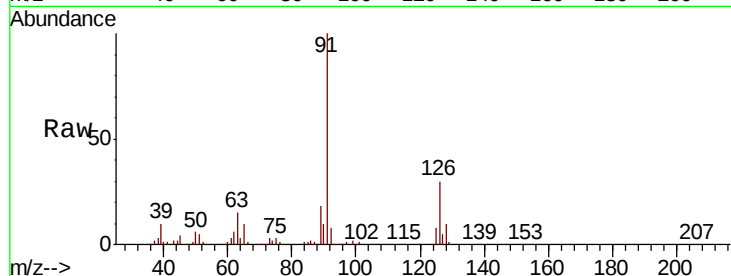
VW0829SBS01

Tgt Ion: 91 Resp: 191598

Ion Ratio Lower Upper

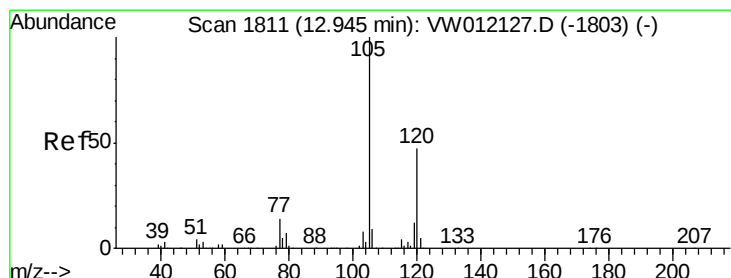
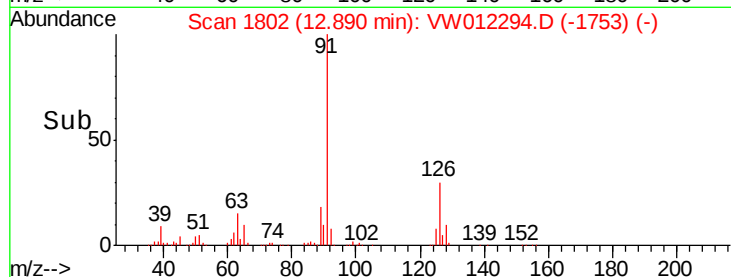
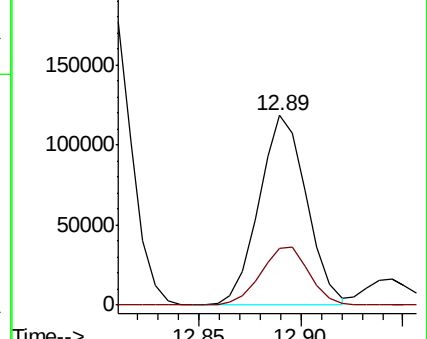
91 100

126 31.2 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.686 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012294.D

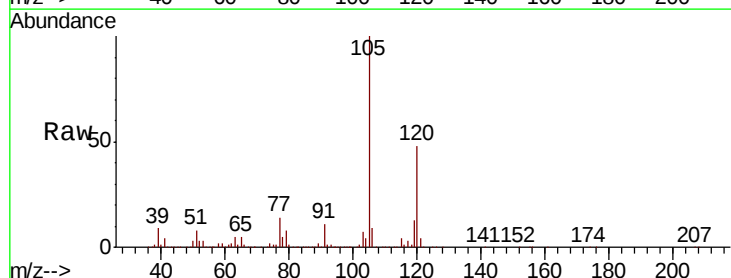
Acq: 29 Aug 2019 11:19

Tgt Ion: 105 Resp: 233325

Ion Ratio Lower Upper

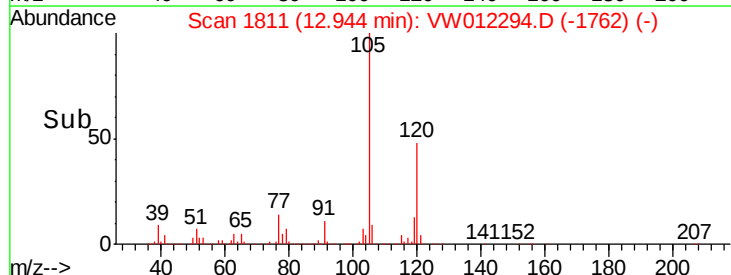
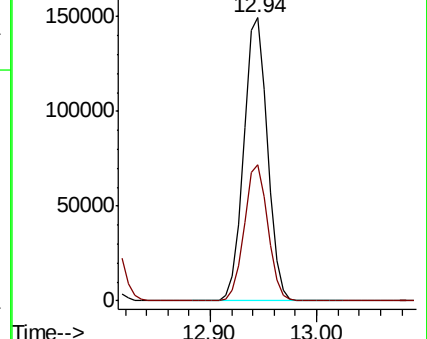
105 100

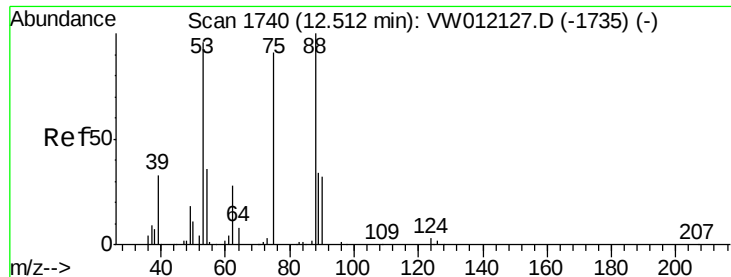
120 48.1 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.309 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

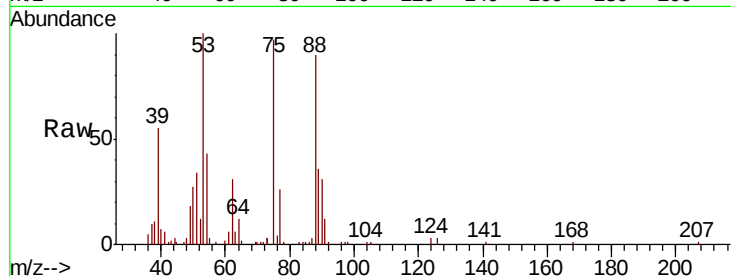
Tgt Ion: 75 Resp: 15451

Ion Ratio Lower Upper

75 100

53 112.1 89.4 134.0

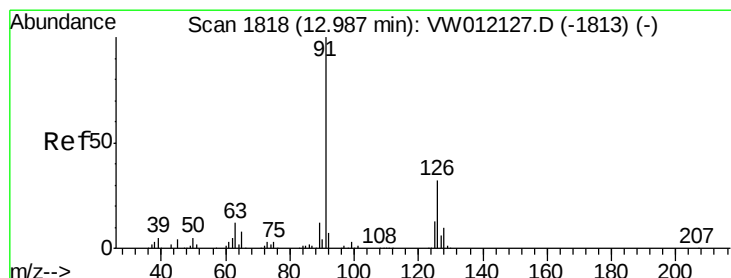
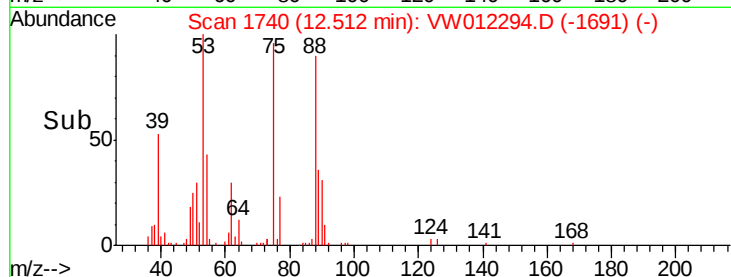
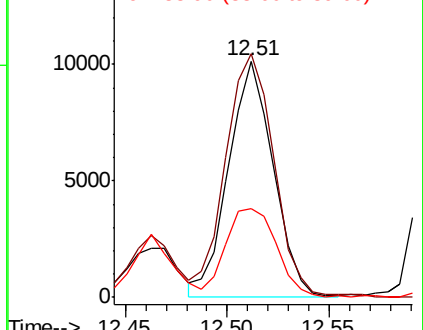
89 42.4 34.5 51.7



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: 20.690 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012294.D

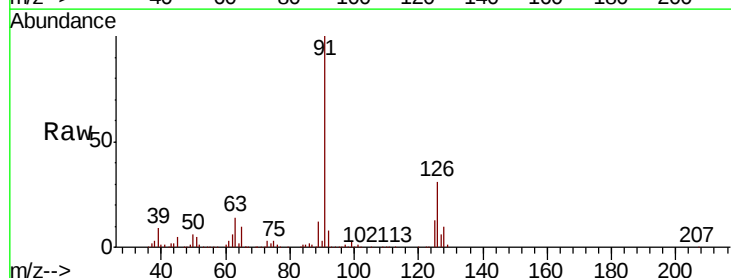
Acq: 29 Aug 2019 11:19

Tgt Ion: 91 Resp: 202681

Ion Ratio Lower Upper

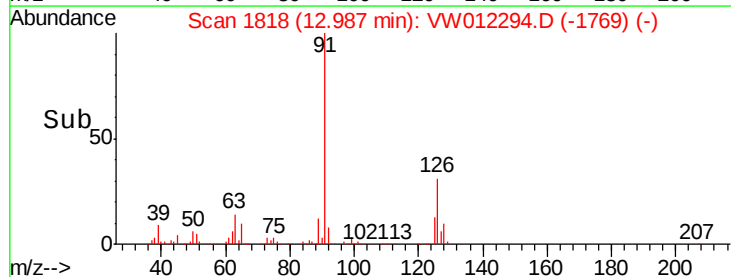
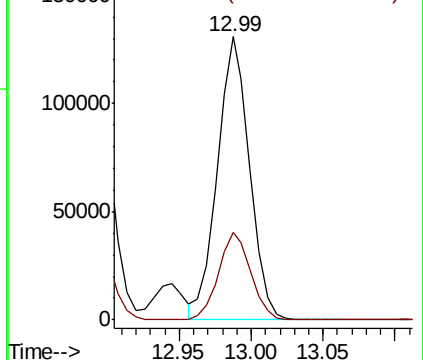
91 100

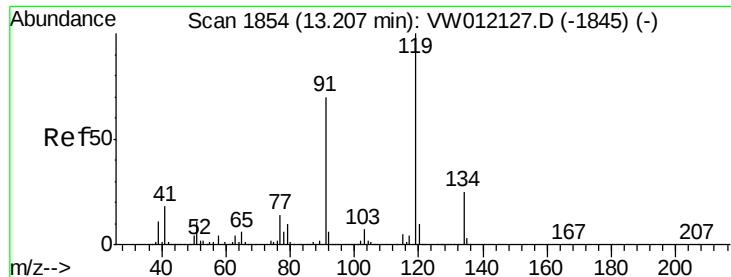
126 31.3 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): VW

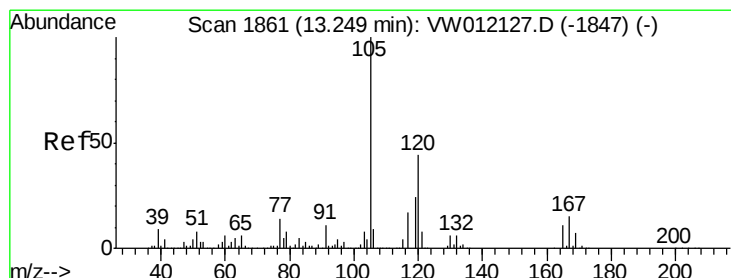
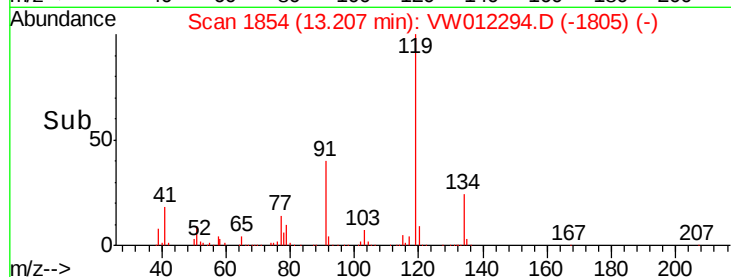
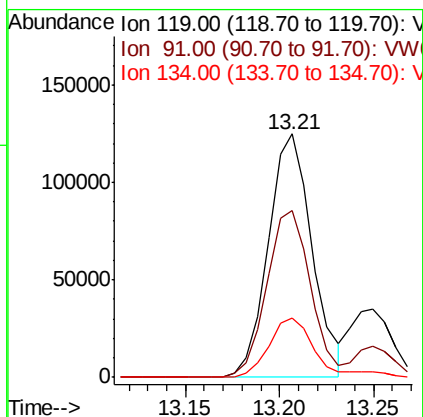
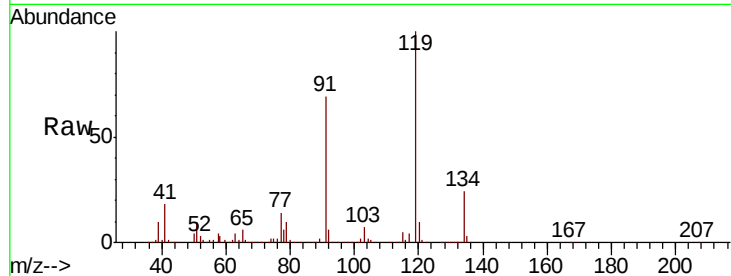




#83
tert-Butylbenzene
Concen: 21.091 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

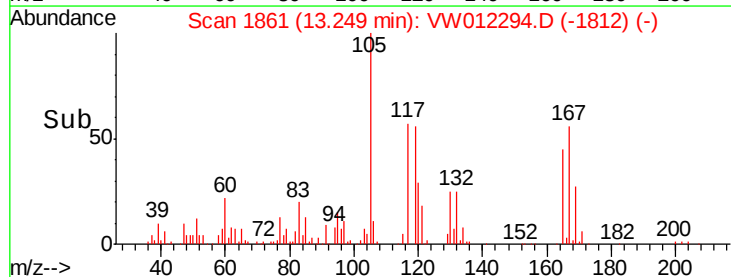
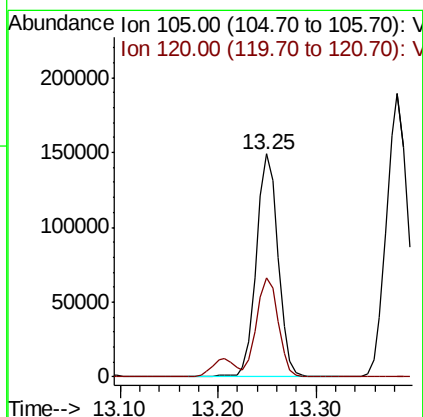
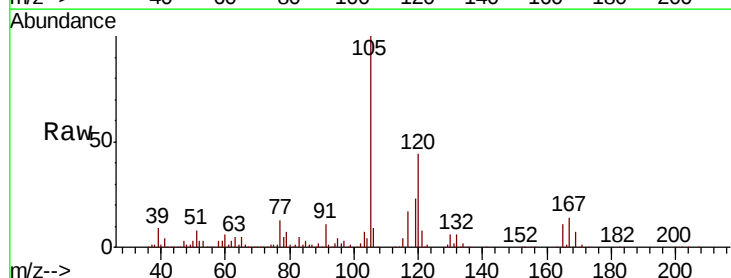
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

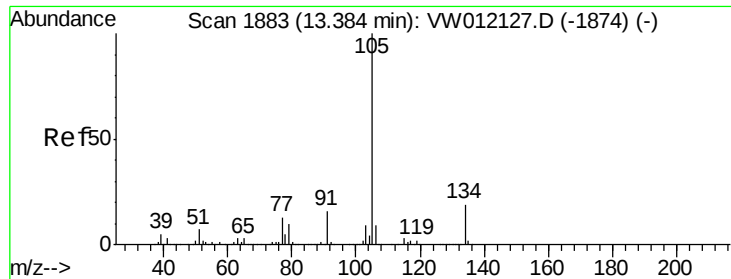
Tgt Ion:119 Resp: 201513
Ion Ratio Lower Upper
119 100
91 68.4 34.8 104.3
134 26.1 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 20.408 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion:105 Resp: 231226
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.7

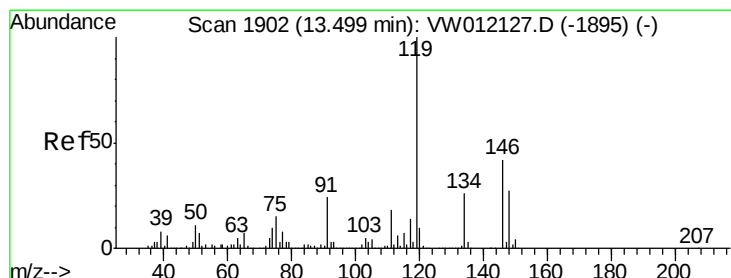
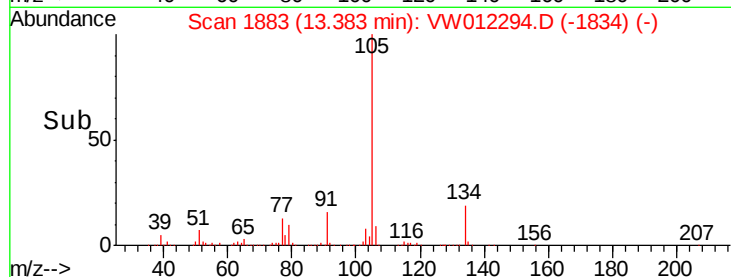
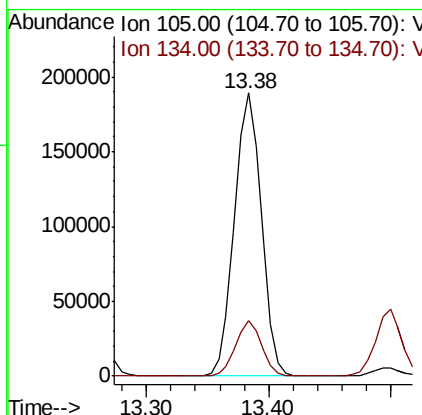
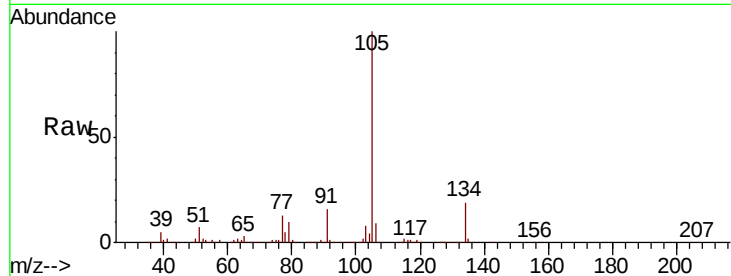




#85
 sec-Butylbenzene
 Concen: 21.054 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

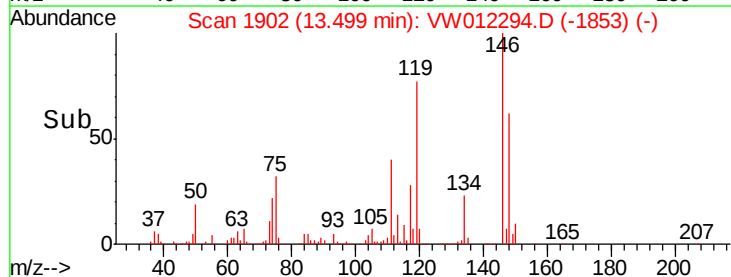
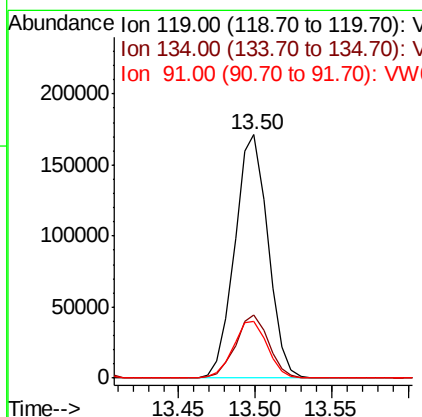
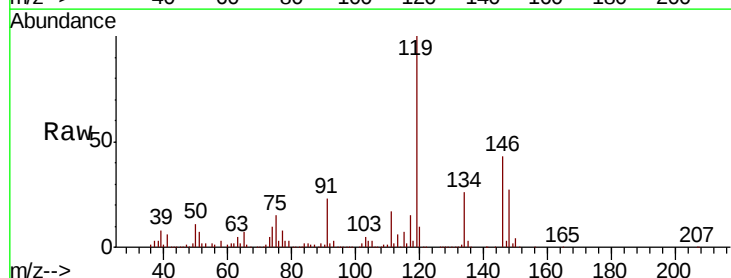
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

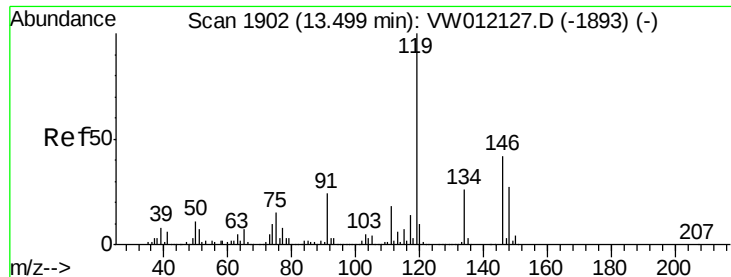
Tgt Ion:105 Resp: 288199
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.032 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Tgt Ion:119 Resp: 257111
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 24.1 12.3 36.9

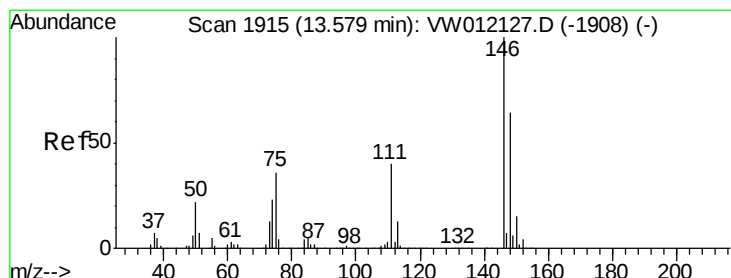
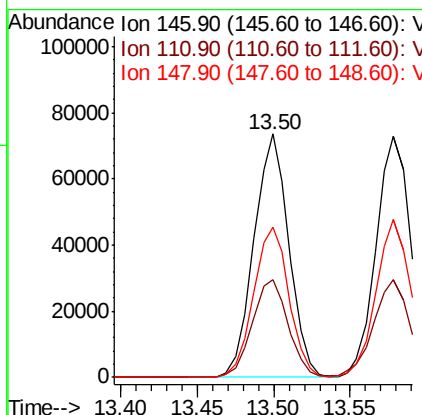
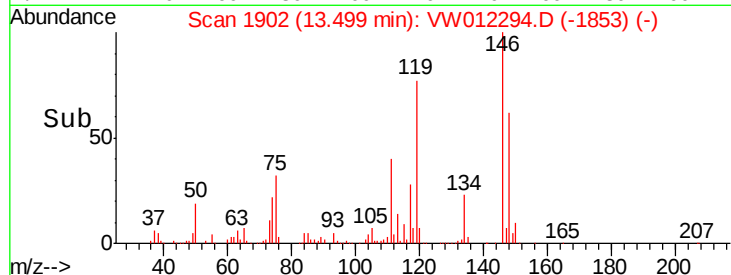
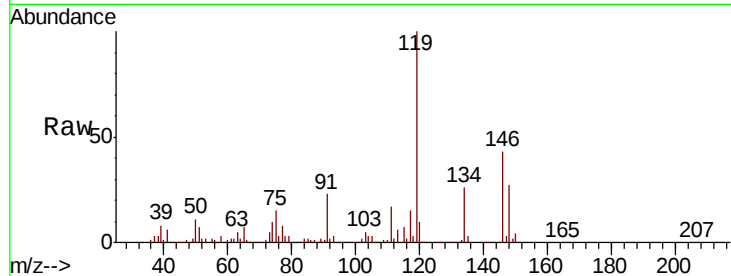




#87
 1,3-Dichlorobenzene
 Concen: 20.485 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

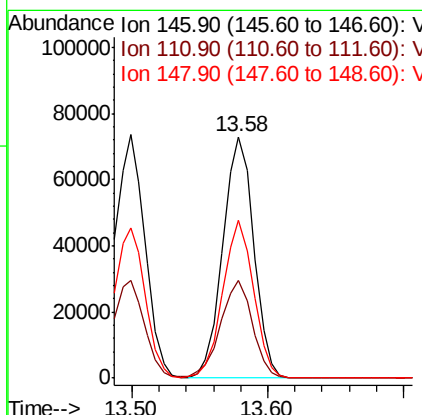
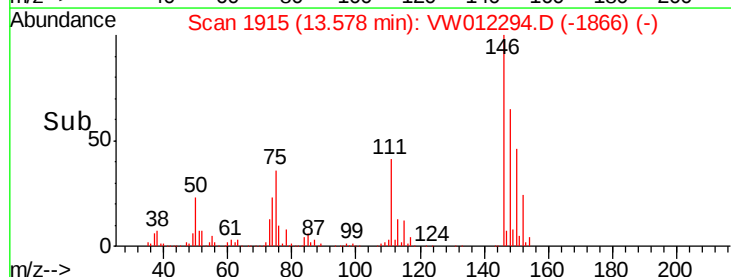
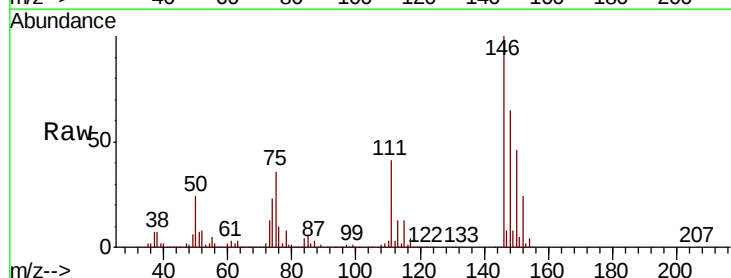
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

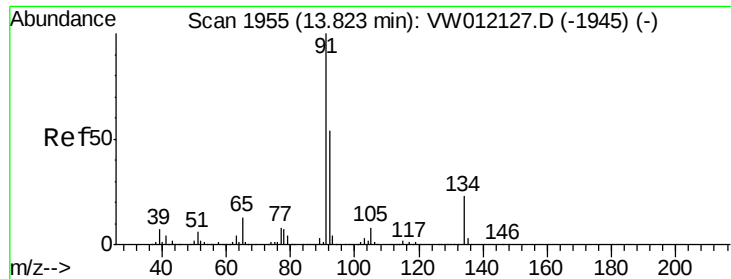
Tgt Ion:146 Resp: 117008
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.9 62.7
 148 62.5 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.344 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Tgt Ion:146 Resp: 115380
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.0 60.0
 148 65.0 32.1 96.3





#89

n-Butylbenzene

Concen: 20.741 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

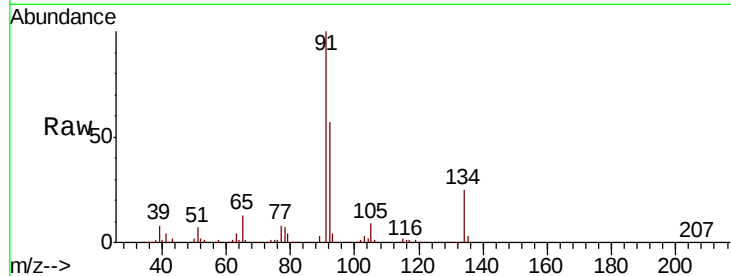
Tgt Ion: 91 Resp: 252139

Ion Ratio Lower Upper

91 100

92 55.0 27.1 81.2

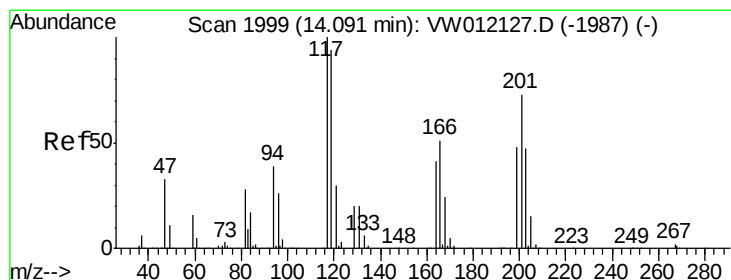
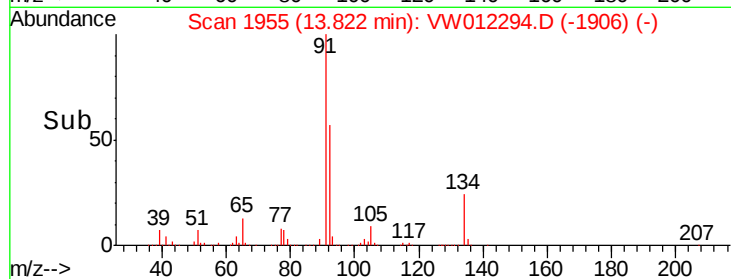
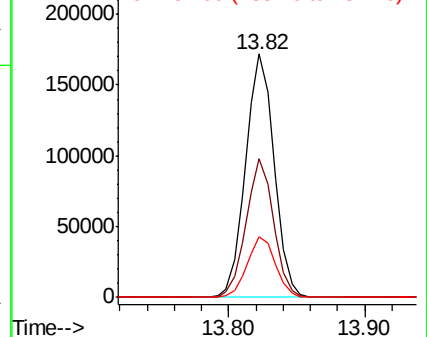
134 24.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.909 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012294.D

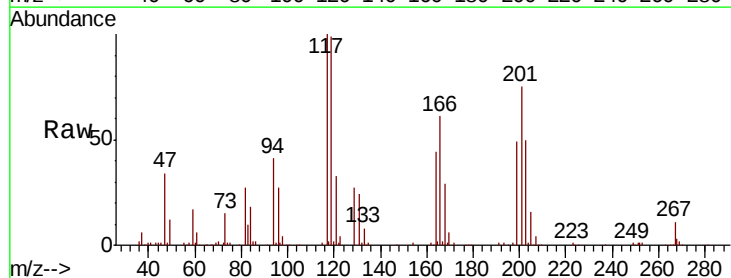
Acq: 29 Aug 2019 11:19

Tgt Ion: 117 Resp: 42700

Ion Ratio Lower Upper

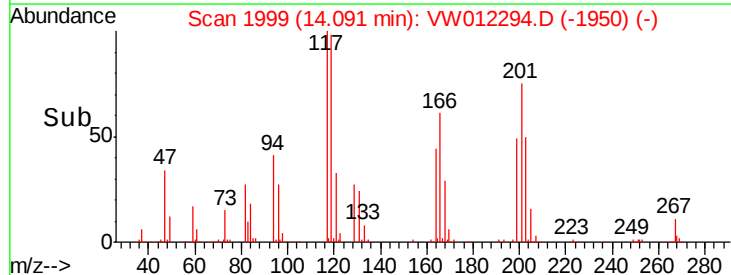
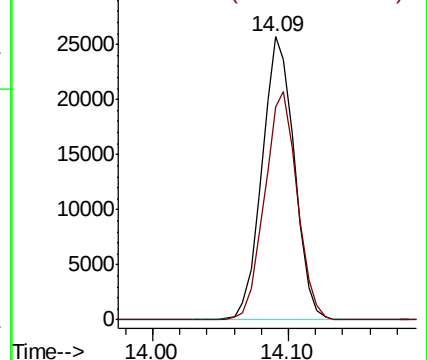
117 100

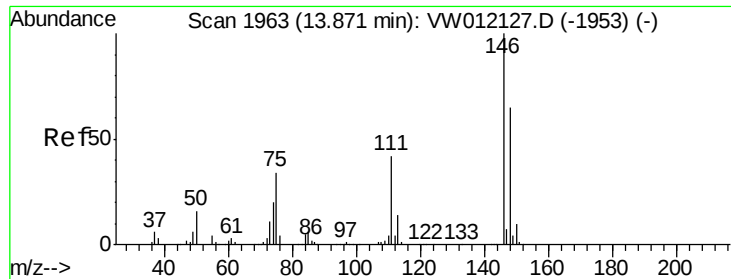
201 81.3 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.562 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

Instrument :

MSVOA_W

ClientSampled :

VW0829SBS01

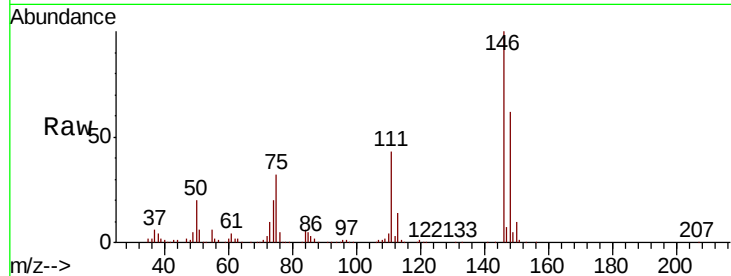
Tgt Ion:146 Resp: 103033

Ion Ratio Lower Upper

146 100

111 43.4 21.2 63.6

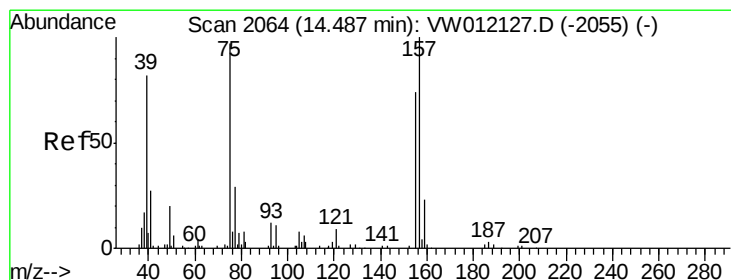
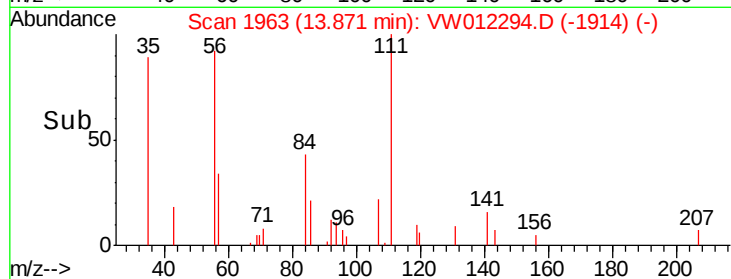
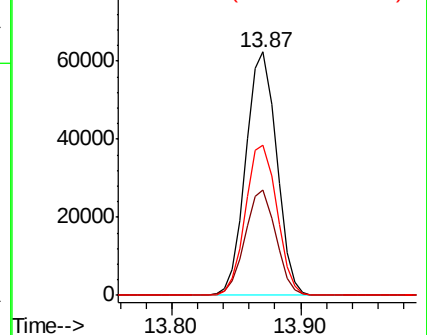
148 63.1 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.270 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW012294.D

Acq: 29 Aug 2019 11:19

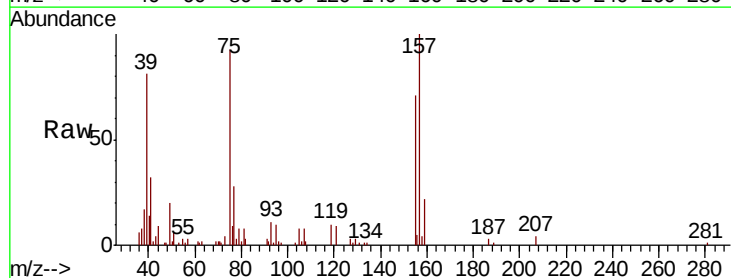
Tgt Ion: 75 Resp: 7622

Ion Ratio Lower Upper

75 100

155 74.8 37.5 112.3

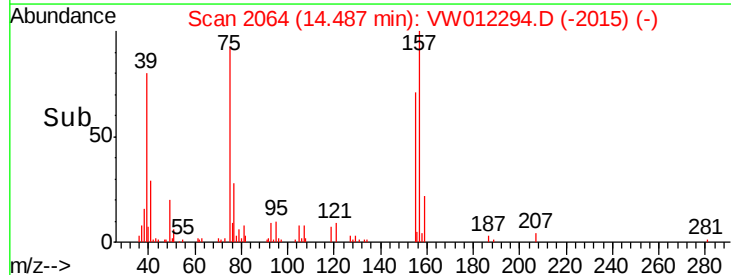
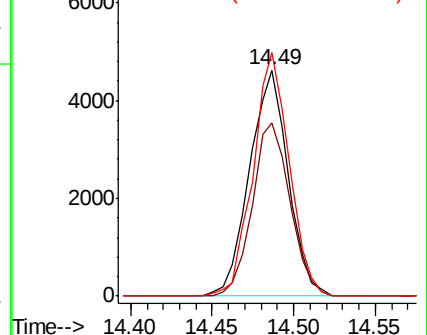
157 101.0 50.5 151.5

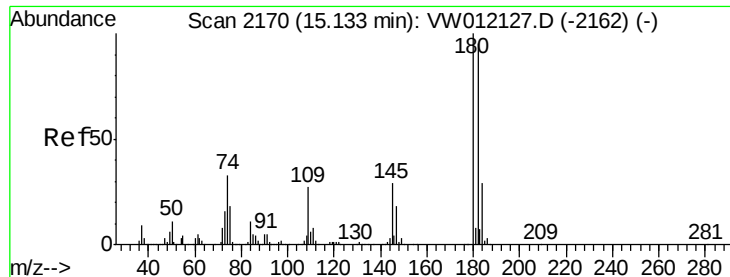


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

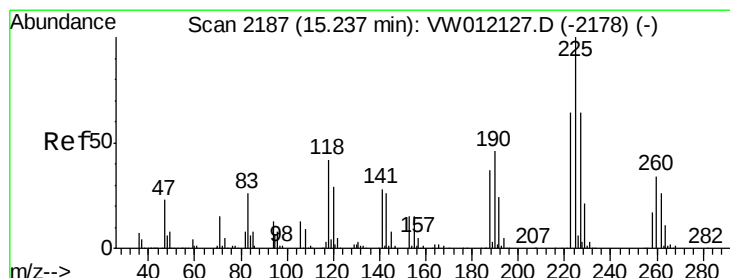
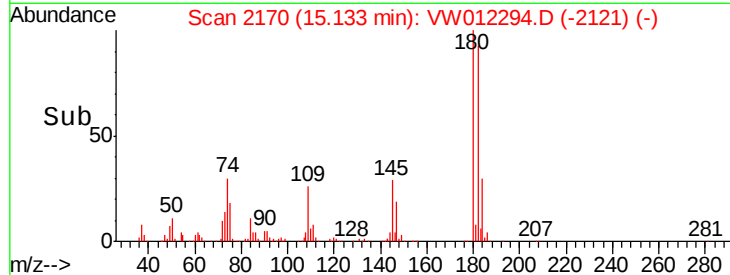
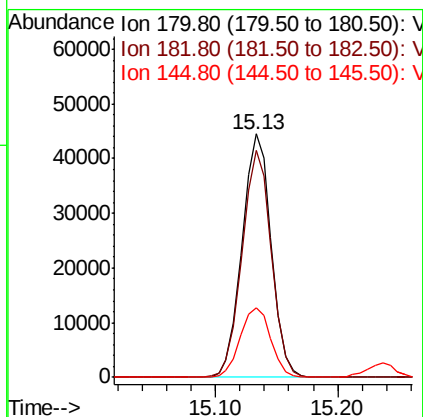
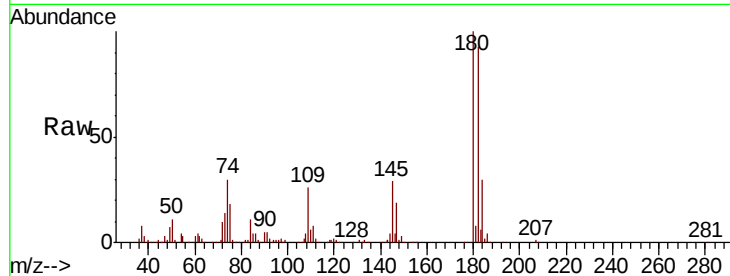




#93
 1,2,4-Trichlorobenzene
 Concen: 21.155 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

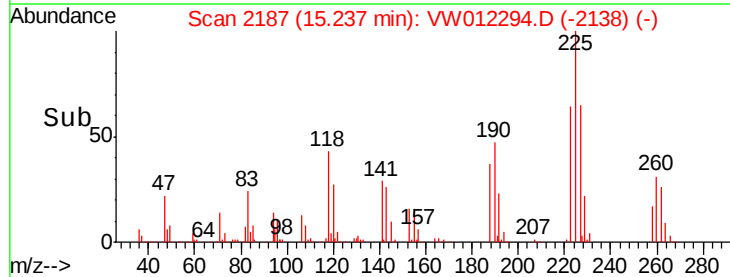
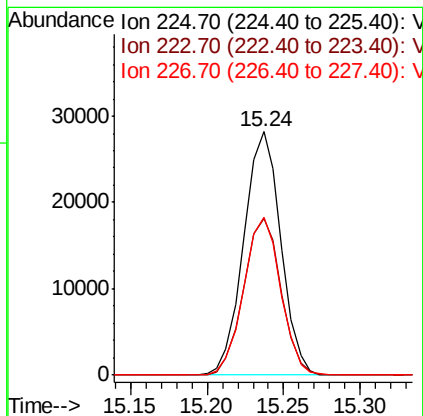
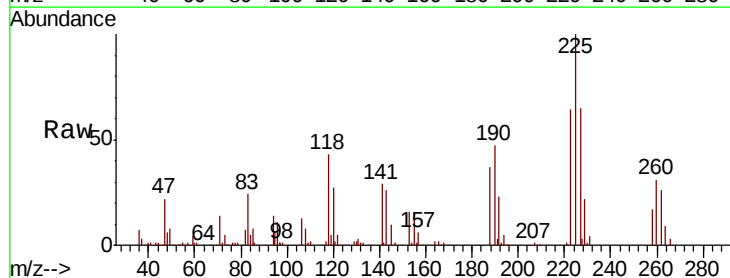
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

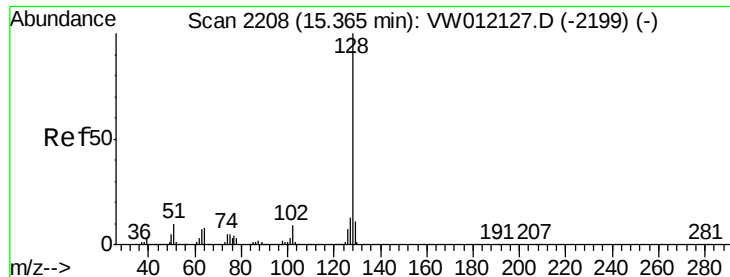
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.8	143.4
145	30.1	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 20.784 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012294.D
 Acq: 29 Aug 2019 11:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.3	96.8
227	64.5	32.9	98.6

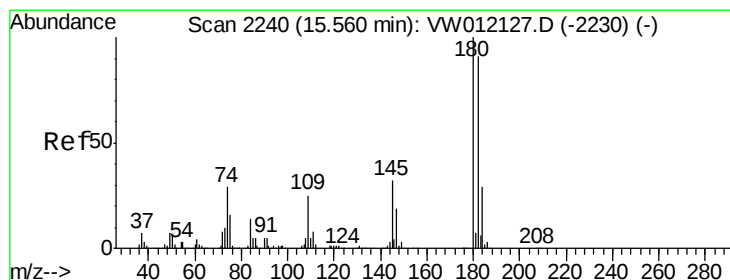
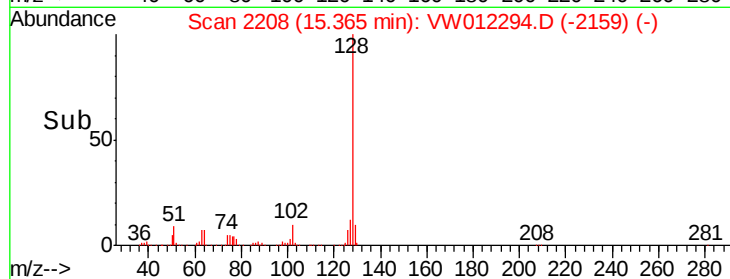
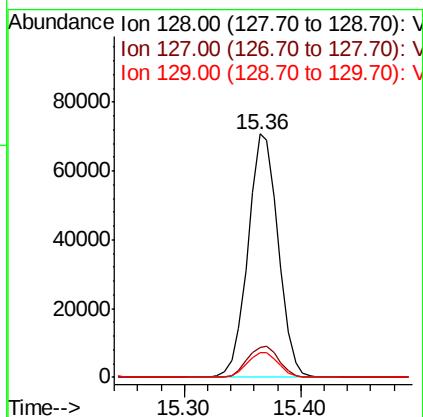
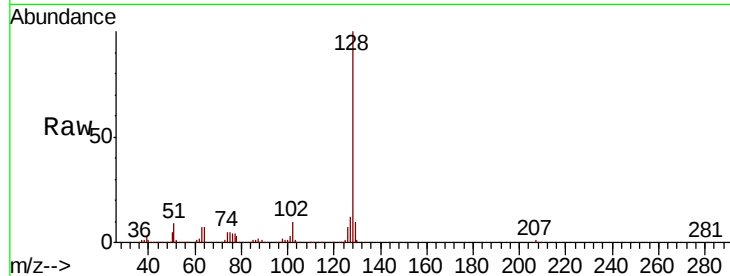




#95
Naphthalene
Concen: 21.505 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

Tgt Ion:128 Resp: 127808
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.191 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012294.D
Acq: 29 Aug 2019 11:19

Tgt Ion:180 Resp: 64023
Ion Ratio Lower Upper
180 100
182 93.9 47.1 141.3
145 31.7 16.2 48.5

