

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
 Data File : VW012295.D
 Acq On : 29 Aug 2019 11:45
 Operator : SY/VA
 Sample : VW0829SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

Quant Time: Aug 30 06:47:02 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	230529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150397	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	138035	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
35) Dibromofluoromethane	7.88	113	108700	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
50) Toluene-d8	10.32	98	447875	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.62	95	158597	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	24480	17.246	ug/l	97
3) Chloromethane	2.21	50	40964	18.627	ug/l	98
4) Vinyl Chloride	2.36	62	49467	18.378	ug/l	95
5) Bromomethane	2.77	94	23595	17.309	ug/l	97
6) Chloroethane	2.92	64	28739	18.927	ug/l	94
7) Trichlorofluoromethane	3.26	101	26877	19.886	ug/l	100
8) Diethyl Ether	3.68	74	26845	20.925	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45203	19.676	ug/l	98
10) Methyl Iodide	4.27	142	61128	19.665	ug/l	98
11) Tert butyl alcohol	5.19	59	20368	123.504	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	44625	19.299	ug/l	98
13) Acrolein	3.90	56	15434	99.420	ug/l	99
14) Allyl chloride	4.67	41	99400	20.108	ug/l	99
15) Acrylonitrile	5.37	53	74081	116.502	ug/l	100
16) Acetone	4.13	43	72786	103.904	ug/l	95
17) Carbon Disulfide	4.39	76	115588	16.540	ug/l	100
18) Methyl Acetate	4.67	43	41958	24.183	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	84200	22.517	ug/l	96
20) Methylene Chloride	4.92	84	52552	19.844	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	48029	19.370	ug/l	98
22) Diisopropyl ether	6.31	45	194475	21.224	ug/l	96
23) Vinyl Acetate	6.26	43	607081	107.656	ug/l	100
24) 1,1-Dichloroethane	6.21	63	99885	20.021	ug/l	99
25) 2-Butanone	7.17	43	107004	112.409	ug/l	100
26) 2,2-Dichloropropane	7.17	77	57940	20.518	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	54702	20.648	ug/l	100
28) Bromochloromethane	7.51	49	45110	20.745	ug/l	98
29) Tetrahydrofuran	7.54	42	68895	120.634	ug/l	99
30) Chloroform	7.68	83	93719	20.532	ug/l	100
31) Cyclohexane	7.95	56	94463	19.137	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	74362	20.594	ug/l	99
36) 1,1-Dichloropropene	8.08	75	75502	19.913	ug/l	100
37) Ethyl Acetate	7.25	43	47645	22.931	ug/l	99
38) Carbon Tetrachloride	8.07	117	64552	19.670	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82825	19.444	ug/l	100
40) Benzene	8.32	78	208785	20.166	ug/l	98
41) Methacrylonitrile	7.49	41	30046	24.604	ug/l	96
42) 1,2-Dichloroethane	8.40	62	68801	21.203	ug/l	99
43) Isopropyl Acetate	8.42	43	88463	22.985	ug/l	99
44) Trichloroethene	9.09	130	51570	20.490	ug/l	96
45) 1,2-Dichloropropane	9.37	63	57566	20.659	ug/l	93
46) Dibromomethane	9.46	93	25931	20.916	ug/l	98
47) Bromodichloromethane	9.65	83	66935	20.286	ug/l	98
48) Methyl methacrylate	9.43	41	40670	22.202	ug/l	95
49) 1,4-Dioxane	9.46	88	9111	480.047	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	229440	117.206	ug/l	99
52) Toluene	10.38	92	127343	20.474	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	70536	20.987	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	82698	20.378	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	38001	21.664	ug/l	97
56) Ethyl methacrylate	10.65	69	57635	22.576	ug/l	99
57) 1,3-Dichloropropane	10.93	76	71838	21.672	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	147237	112.375	ug/l	99
59) 2-Hexanone	10.97	43	162821	117.551	ug/l	99
60) Dibromochloromethane	11.13	129	40767	20.866	ug/l	99
61) 1,2-Dibromoethane	11.23	107	35790	21.901	ug/l	100
64) Tetrachloroethene	10.86	164	41223	20.245	ug/l	99
65) Chlorobenzene	11.66	112	129140	20.881	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44909	20.815	ug/l	97
67) Ethyl Benzene	11.73	91	249374	20.932	ug/l	98
68) m/p-Xylenes	11.84	106	179478	41.824	ug/l	99
69) o-Xylene	12.16	106	83678	21.068	ug/l	100
70) Styrene	12.18	104	143934	20.937	ug/l	99
71) Bromoform	12.35	173	23156	21.542	ug/l #	99
73) Isopropylbenzene	12.46	105	237529	21.077	ug/l	99
74) N-amyl acetate	12.27	43	80097	23.525	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46598	22.554	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	62499	42.668	ug/l #	100
77) Bromobenzene	12.75	156	51933	21.301	ug/l	98
78) n-propylbenzene	12.80	91	287884	20.925	ug/l	99
79) 2-Chlorotoluene	12.89	91	164270	21.031	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	198302	21.058	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14963	22.397	ug/l	97
82) 4-Chlorotoluene	12.99	91	170547	20.853	ug/l	99
83) tert-Butylbenzene	13.21	119	171354	21.482	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	199598	21.101	ug/l	100
85) sec-Butylbenzene	13.38	105	243980	21.349	ug/l	99
86) p-Isopropyltoluene	13.50	119	217929	21.353	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	100136	20.999	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	100381	21.200	ug/l	98
89) n-Butylbenzene	13.82	91	214992	21.183	ug/l	100
90) Hexachloroethane	14.09	117	36732	20.514	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	91394	21.847	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8203	23.552	ug/l	98

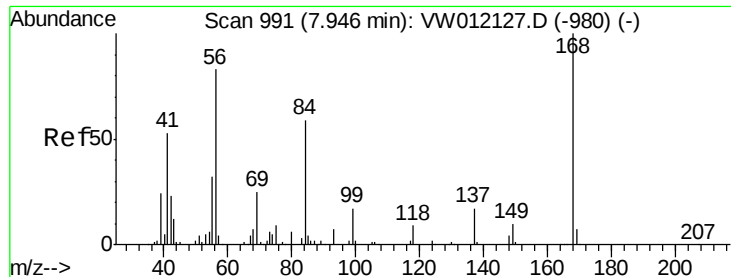
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
Data File : VW012295.D
Acq On : 29 Aug 2019 11:45
Operator : SY/VA
Sample : VW0829SBSD01
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Instrument :
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ClientSampleId :
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Quant 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	63585	21.994	ug/l	99
94) Hexachlorobutadiene	15.24	225	41191	21.578	ug/l	99
95) Naphthalene	15.37	128	124990	24.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	57332	22.730	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

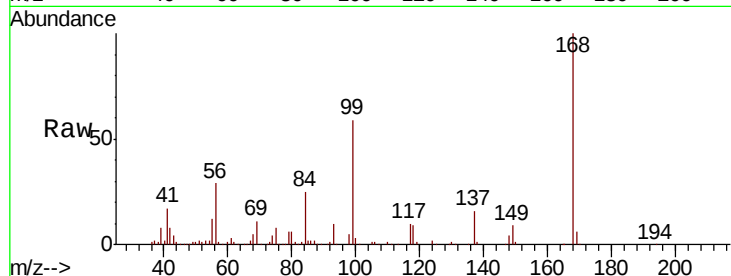
VW0829SBSD01

Tgt Ion:168 Resp: 230529

Ion Ratio Lower Upper

168 100

99 58.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

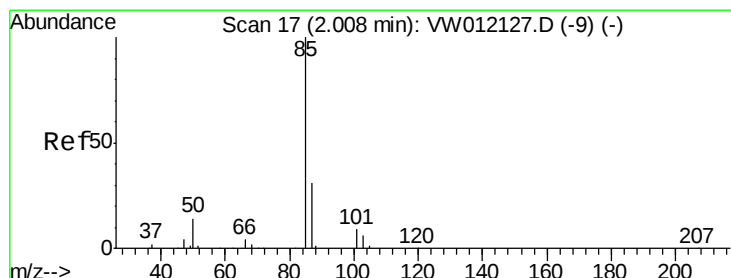
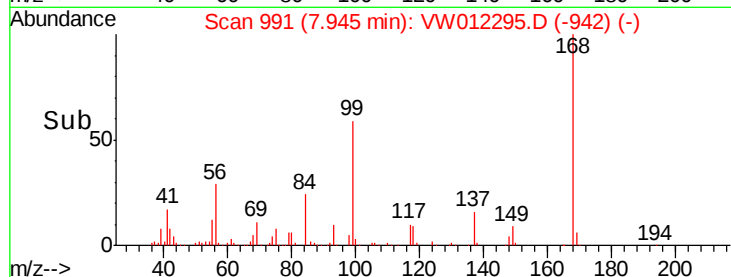
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 17.246 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012295.D

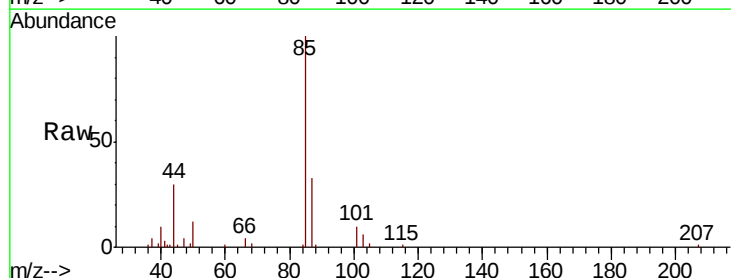
Acq: 29 Aug 2019 11:45

Tgt Ion: 85 Resp: 24480

Ion Ratio Lower Upper

85 100

87 33.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

4000

2000

0

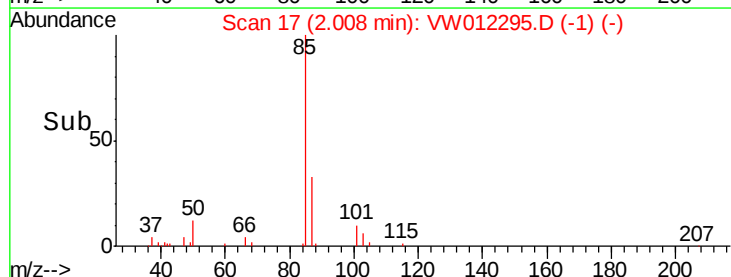
1.90

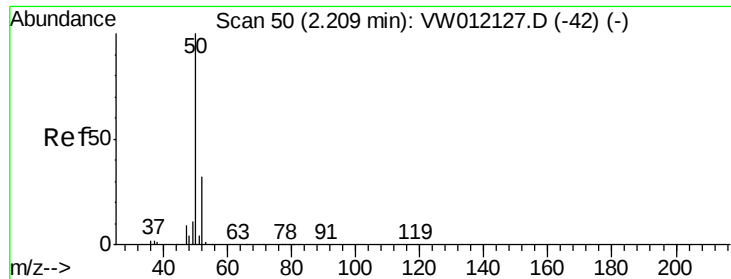
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 18.627 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

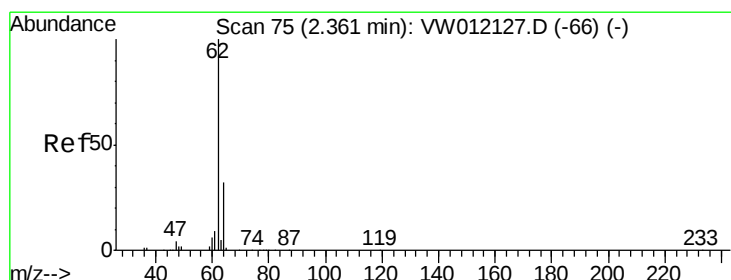
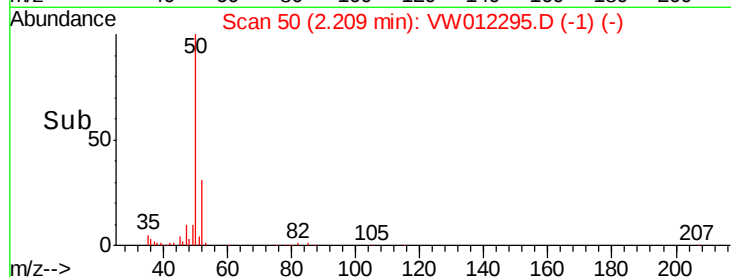
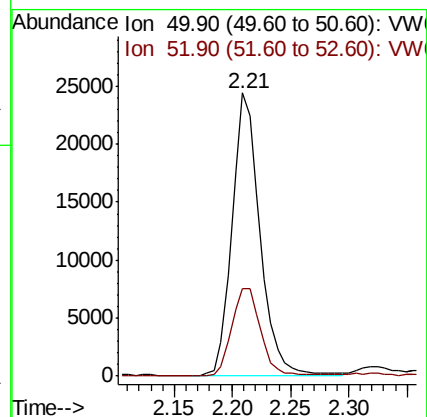
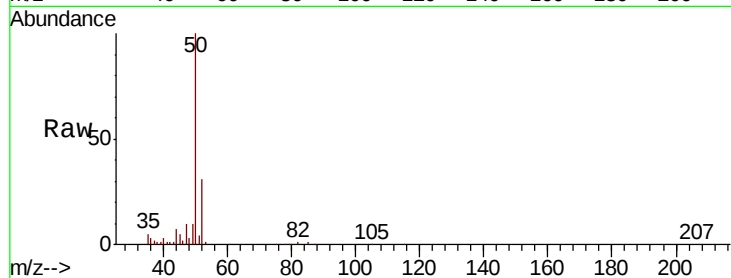
VW0829SBSD01

Tgt Ion: 50 Resp: 40964

Ion Ratio Lower Upper

50 100

52 31.0 25.5 38.3



#4

Vinyl Chloride

Concen: 18.378 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012295.D

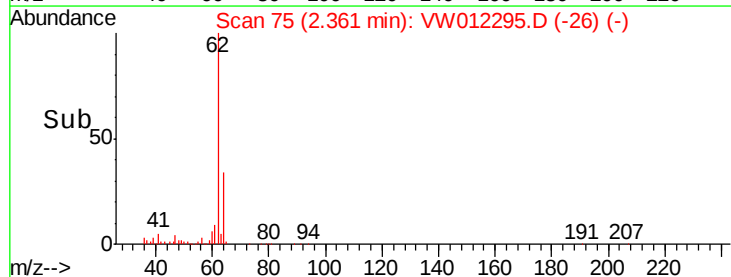
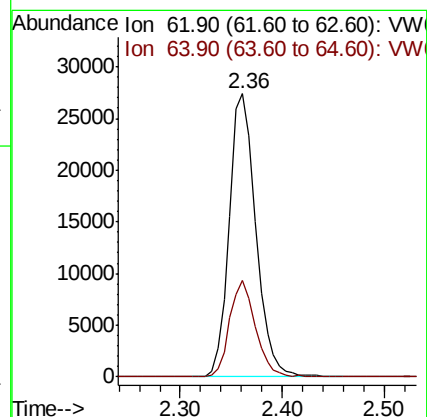
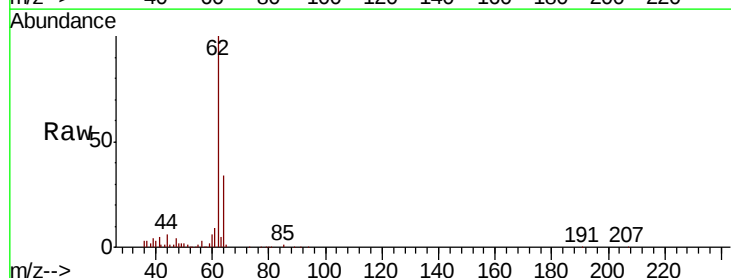
Acq: 29 Aug 2019 11:45

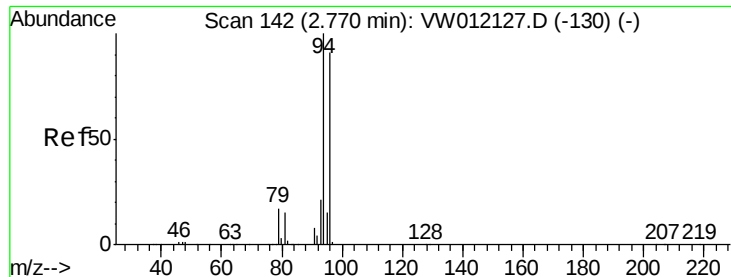
Tgt Ion: 62 Resp: 49467

Ion Ratio Lower Upper

62 100

64 34.3 25.3 37.9





#5

Bromomethane

Concen: 17.309 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

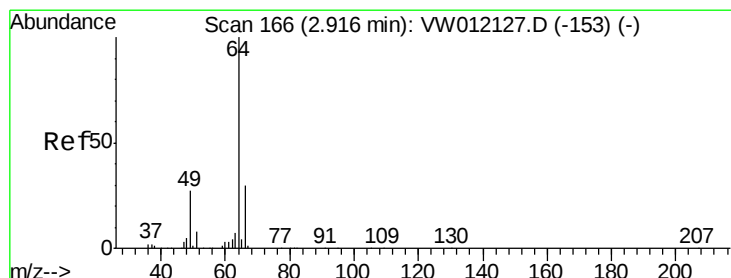
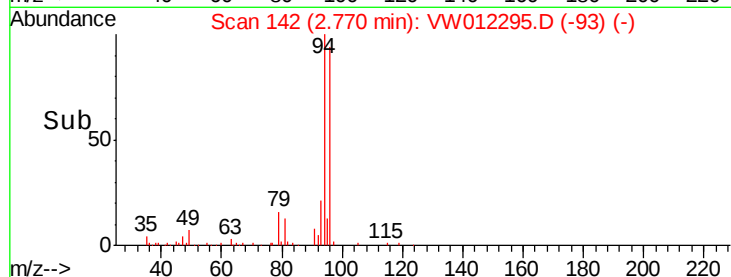
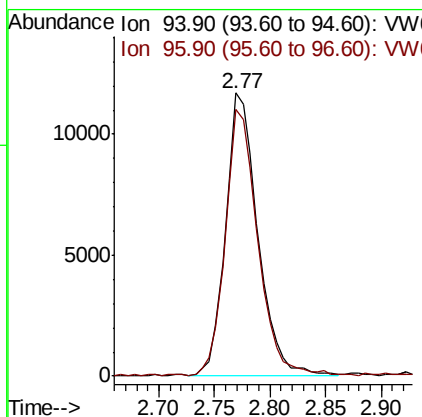
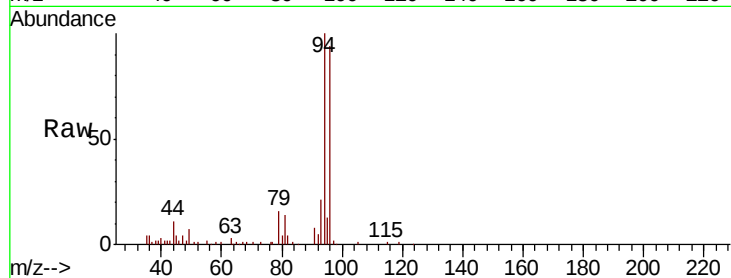
VW0829SBSD01

Tgt Ion: 94 Resp: 23595

Ion Ratio Lower Upper

94 100

96 94.4 72.9 109.3



#6

Chloroethane

Concen: 18.927 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012295.D

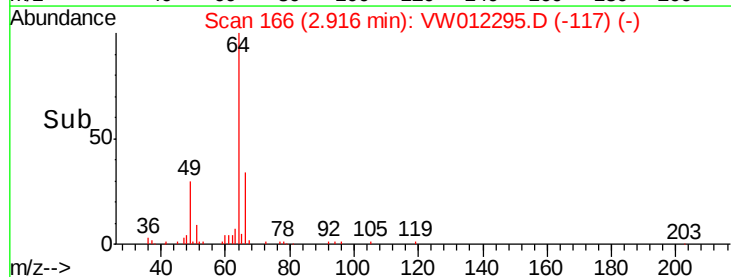
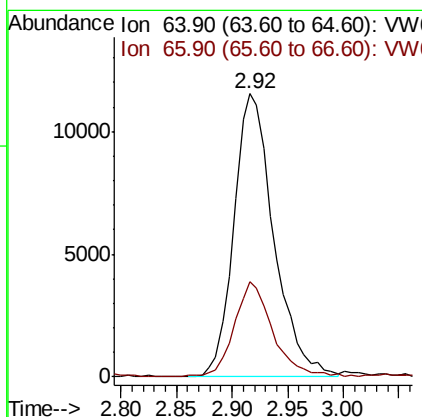
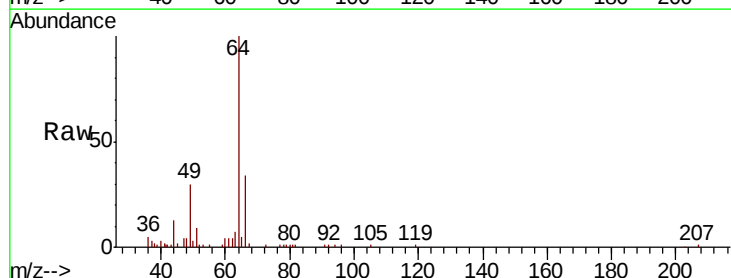
Acq: 29 Aug 2019 11:45

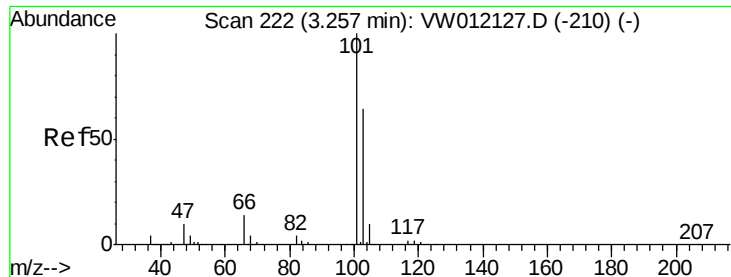
Tgt Ion: 64 Resp: 28739

Ion Ratio Lower Upper

64 100

66 33.1 23.8 35.8



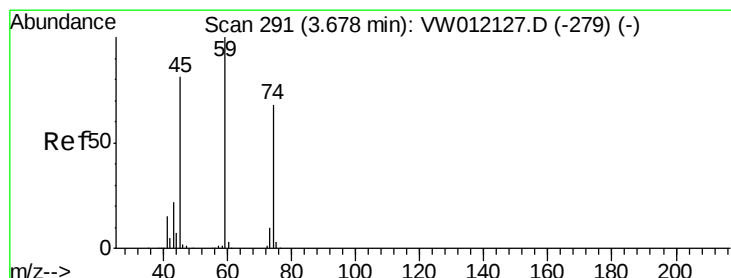
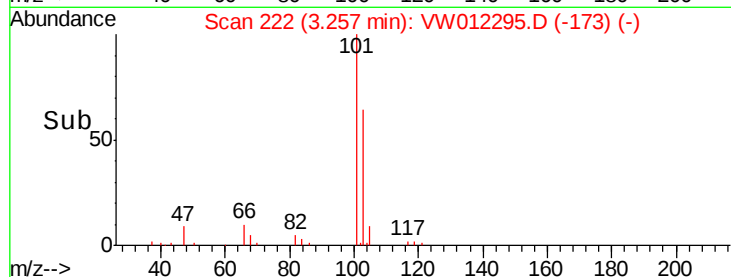
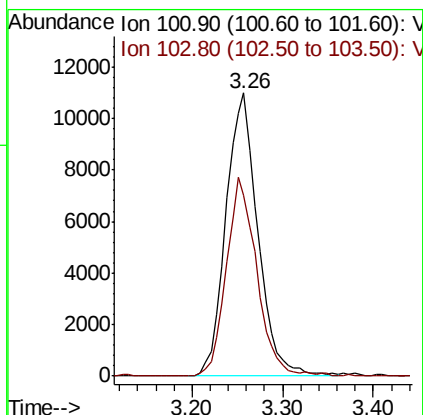
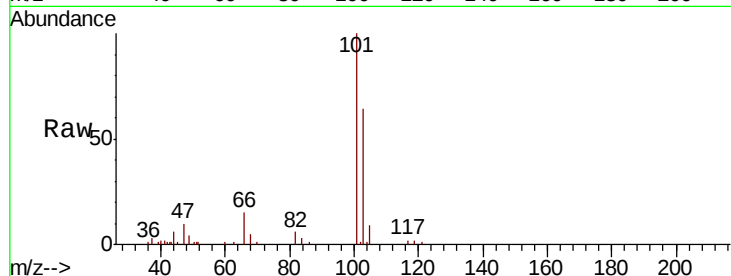


#7

Trichlorofluoromethane
 Concen: 19.886 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

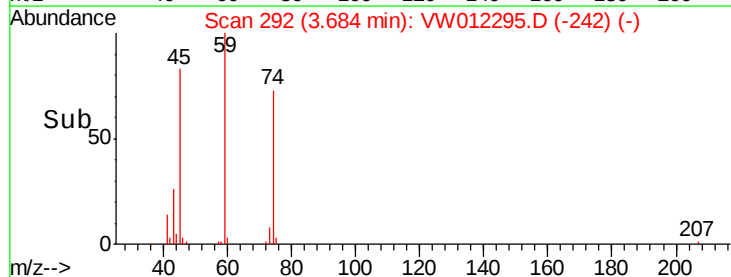
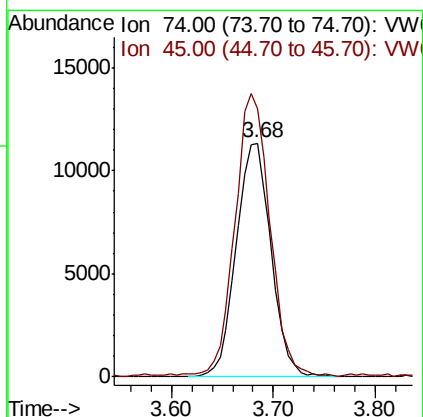
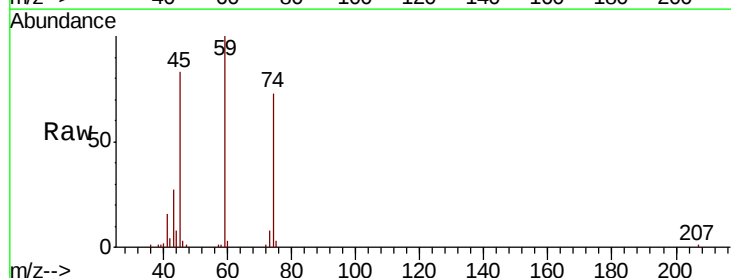
Tgt Ion:101 Resp: 26877
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.2 76.8

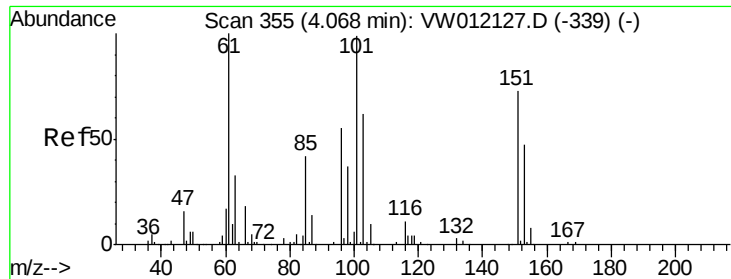


#8

Diethyl Ether
 Concen: 20.925 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

Tgt Ion: 74 Resp: 26845
 Ion Ratio Lower Upper
 74 100
 45 123.1 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.676 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

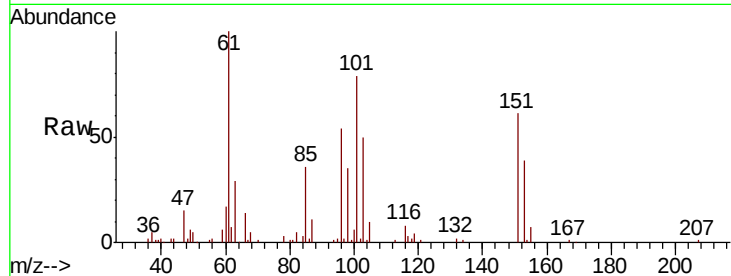
Tgt Ion:101 Resp: 45203

Ion Ratio Lower Upper

101 100

85 45.7 35.8 53.6

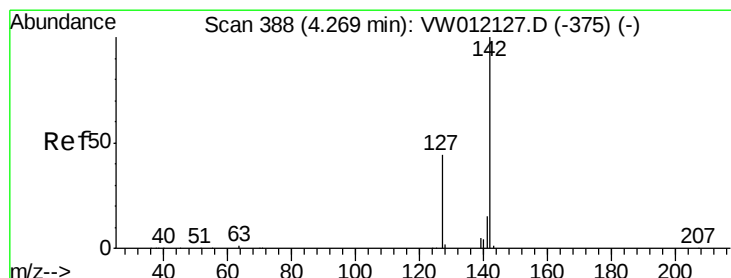
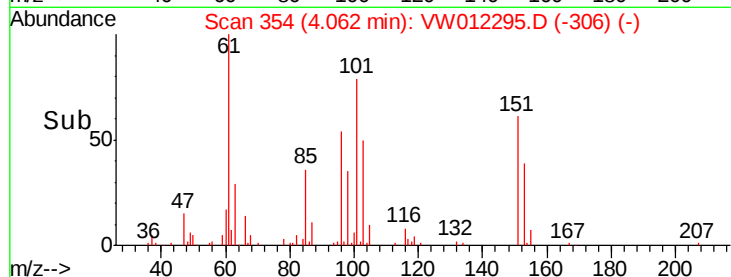
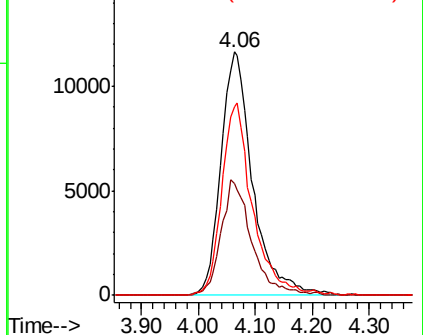
151 75.4 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.665 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

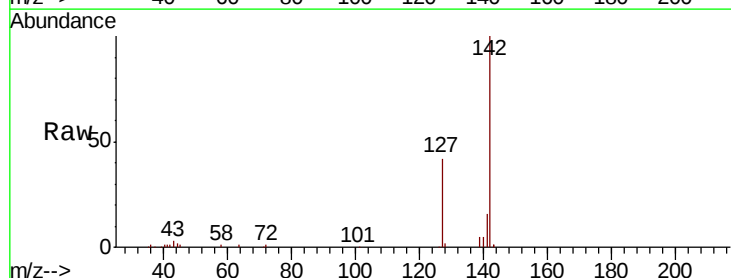
Tgt Ion:142 Resp: 61128

Ion Ratio Lower Upper

142 100

127 42.9 35.5 53.3

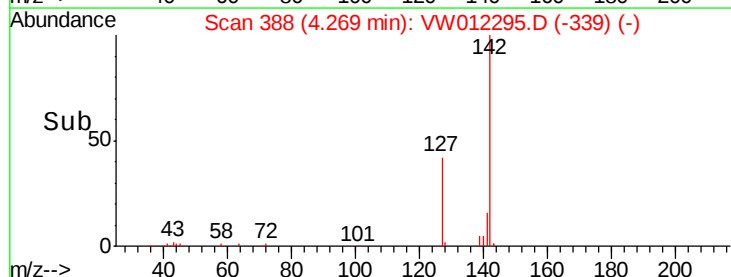
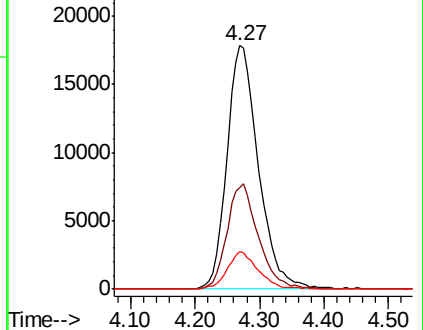
141 15.1 11.8 17.8

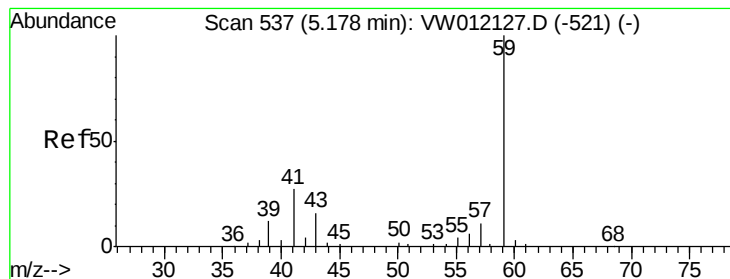


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 123.504 ug/l

RT: 5.19 min Scan# 539

Delta R.T. 0.01 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

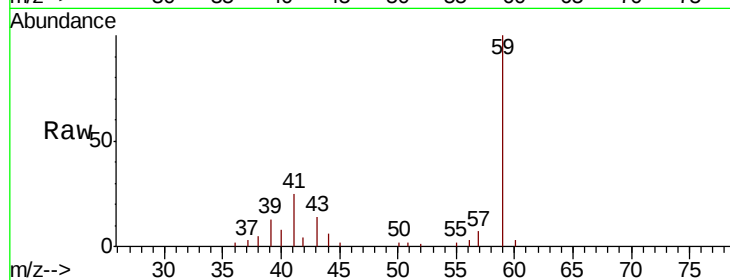
VW0829SBSD01

Tgt Ion: 59 Resp: 20368

Ion Ratio Lower Upper

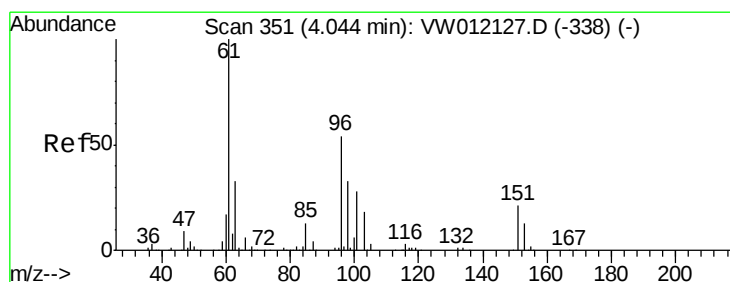
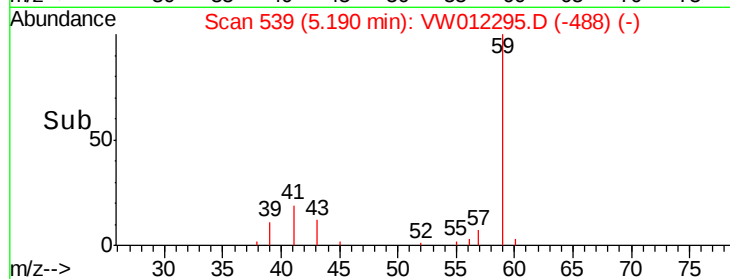
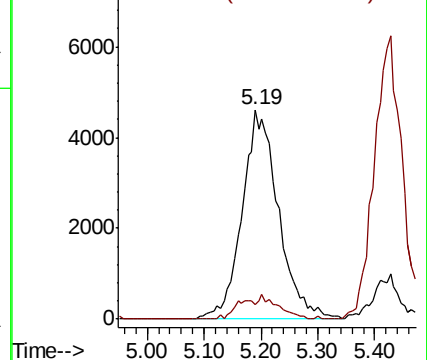
59 100

57 5.2 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 19.299 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

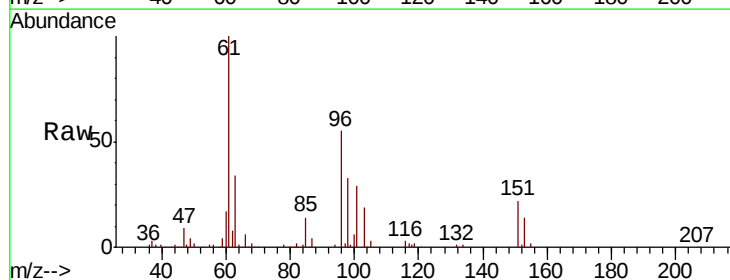
Tgt Ion: 96 Resp: 44625

Ion Ratio Lower Upper

96 100

61 182.6 149.1 223.7

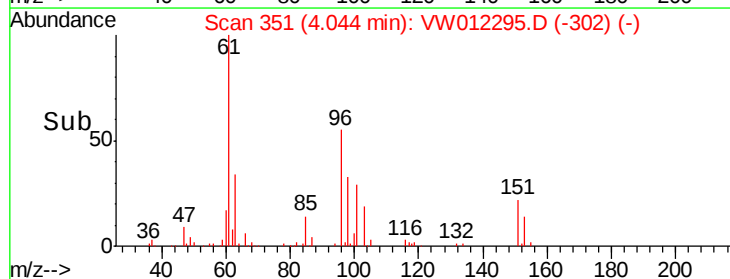
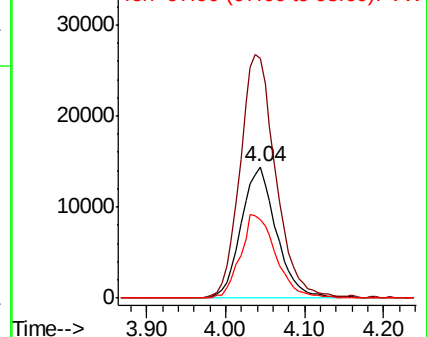
98 60.1 49.4 74.2

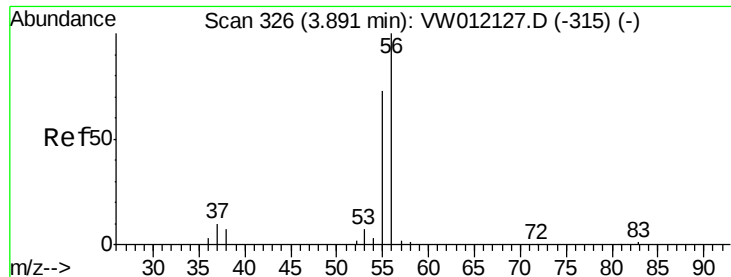


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 99.420 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

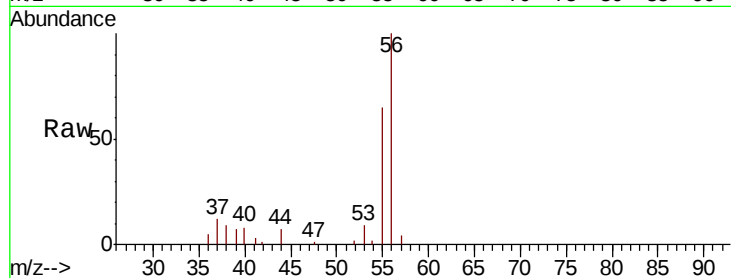
VW0829SBSD01

Tgt Ion: 56 Resp: 15434

Ion Ratio Lower Upper

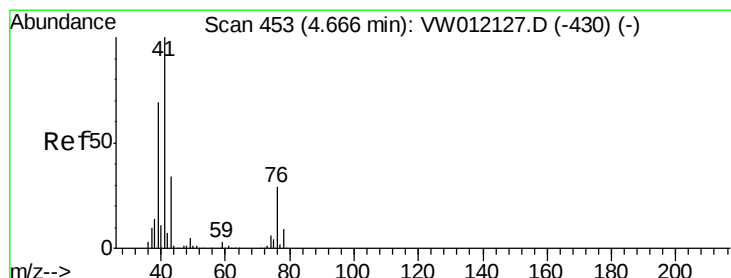
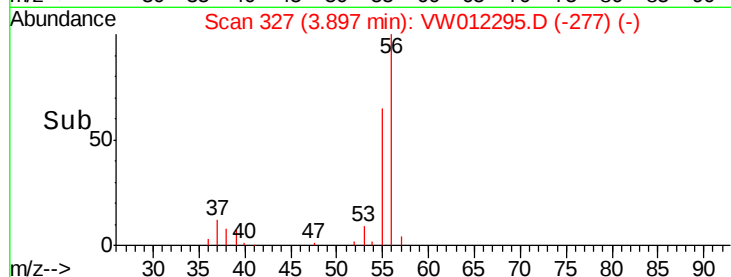
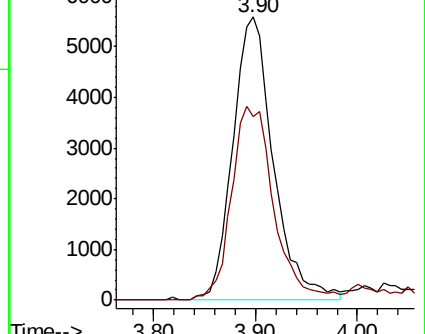
56 100

55 70.3 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.108 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

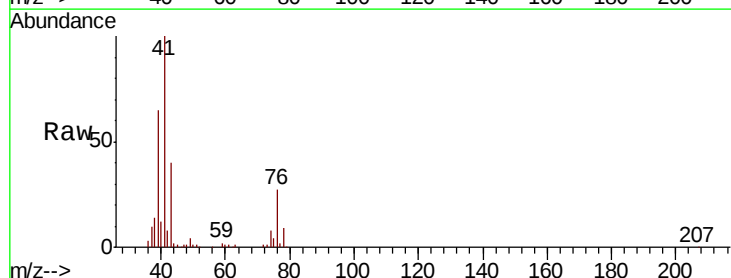
Tgt Ion: 41 Resp: 99400

Ion Ratio Lower Upper

41 100

39 65.3 53.4 80.2

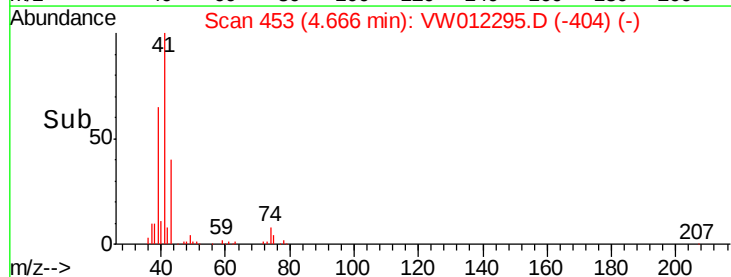
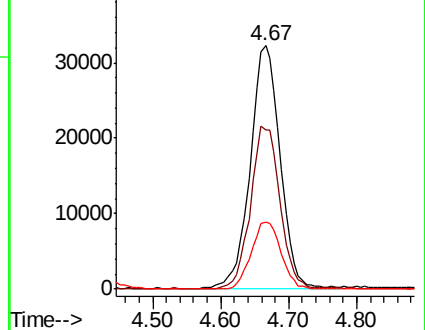
76 27.4 22.1 33.1



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 116.502 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

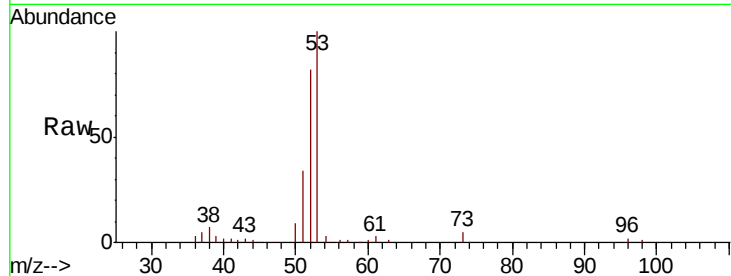
Tgt Ion: 53 Resp: 74081

Ion Ratio Lower Upper

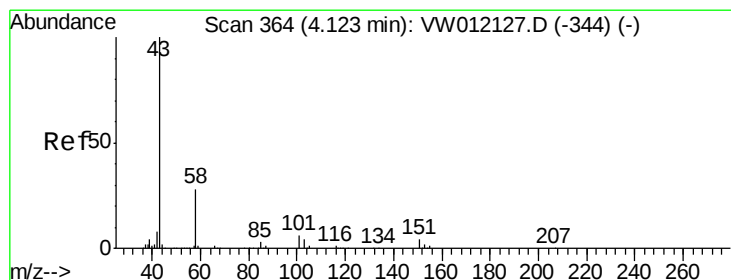
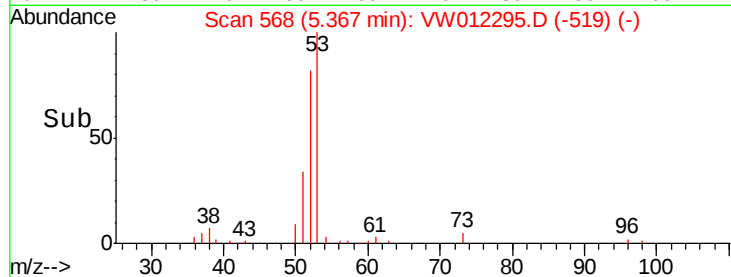
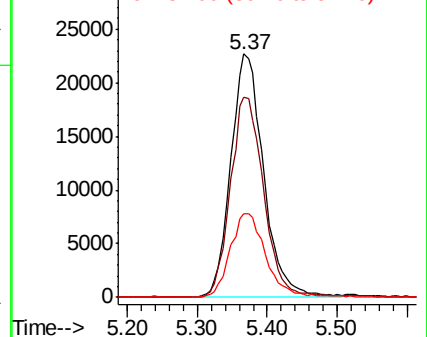
53 100

52 83.3 66.7 100.1

51 37.0 30.1 45.1



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



#16

Acetone

Concen: 103.904 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012295.D

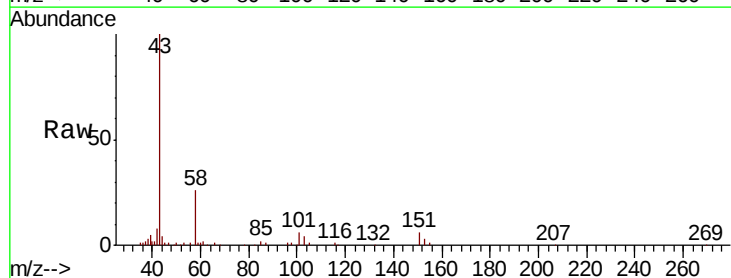
Acq: 29 Aug 2019 11:45

Tgt Ion: 43 Resp: 72786

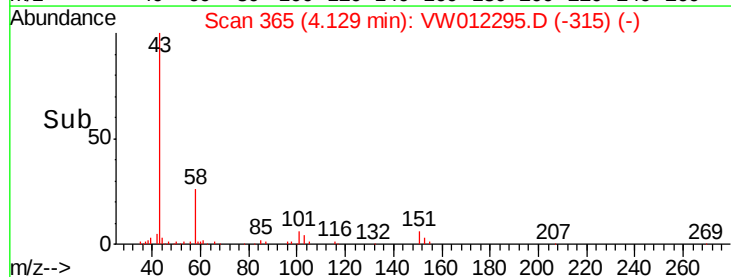
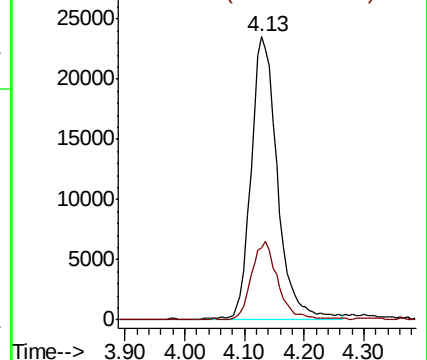
Ion Ratio Lower Upper

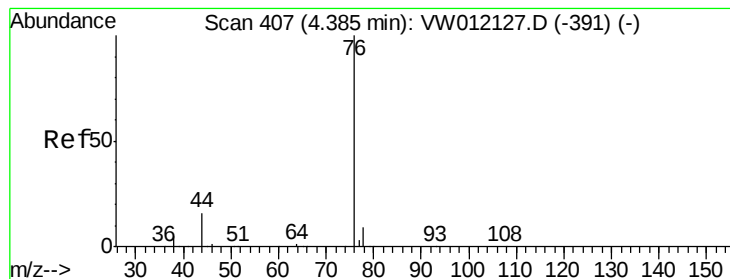
43 100

58 25.5 22.4 33.6



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





#17

Carbon Disulfide

Concen: 16.540 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

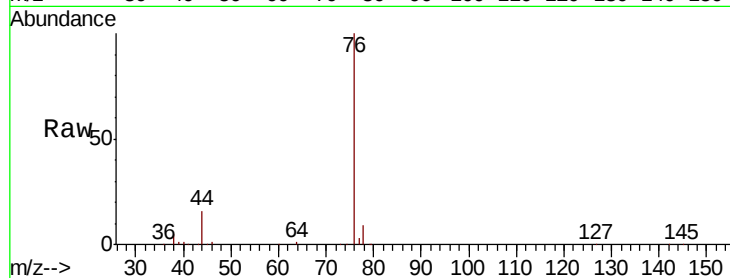
VW0829SBSD01

Tgt Ion: 76 Resp: 115588

Ion Ratio Lower Upper

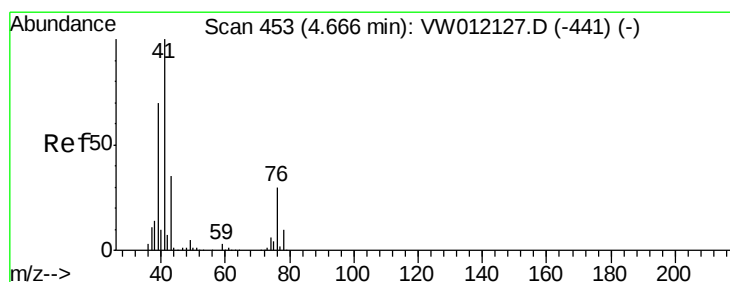
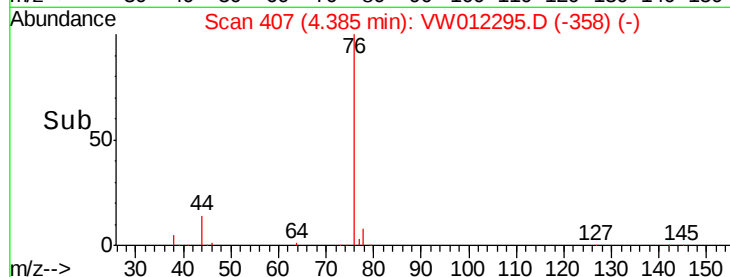
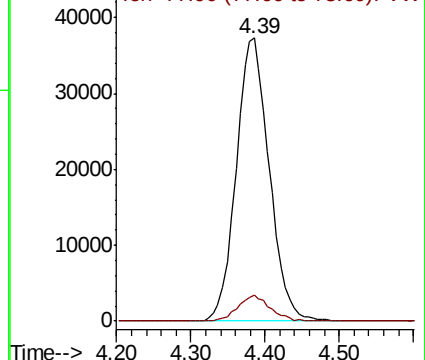
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 24.183 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012295.D

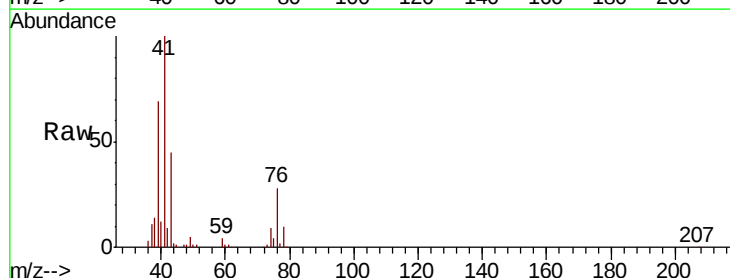
Acq: 29 Aug 2019 11:45

Tgt Ion: 43 Resp: 41958

Ion Ratio Lower Upper

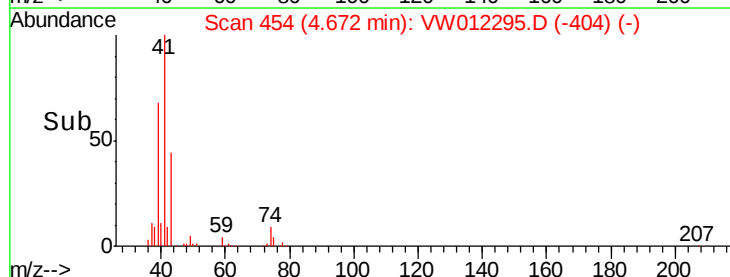
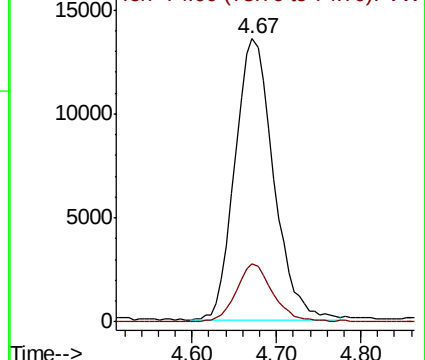
43 100

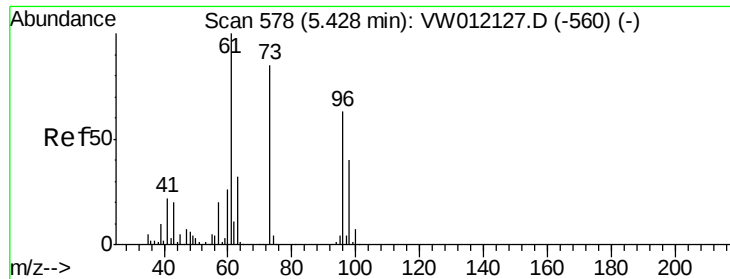
74 19.5 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

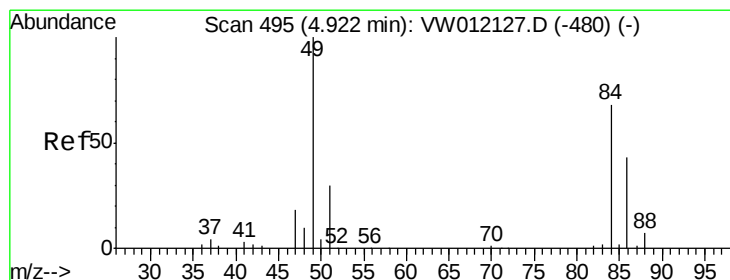
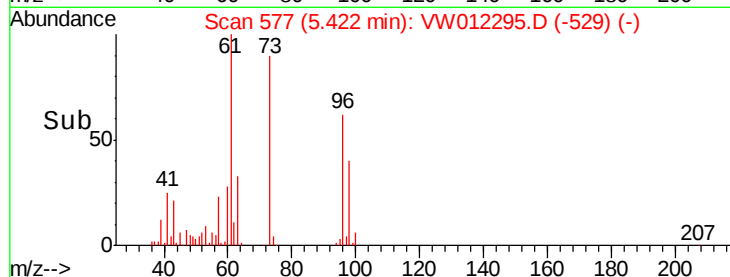
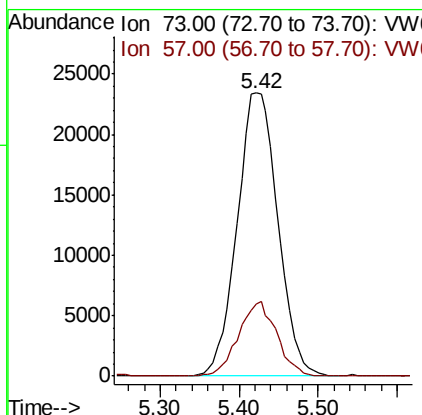
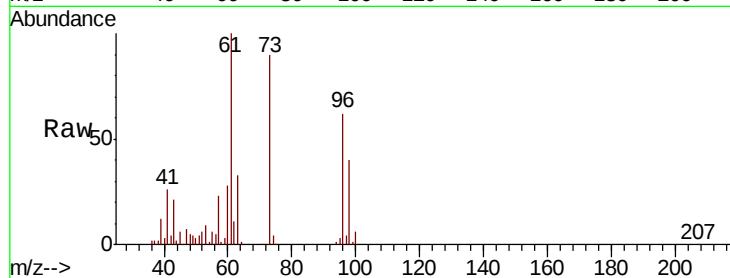




#19
Methyl tert-butyl Ether
Concen: 22.517 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

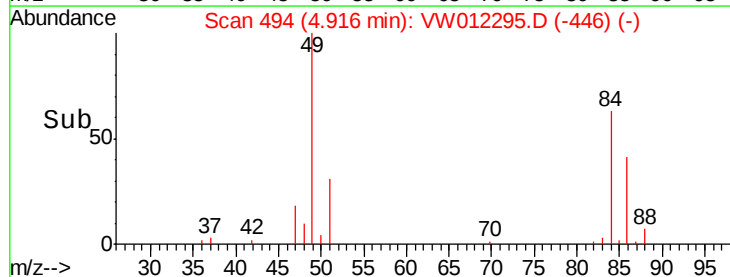
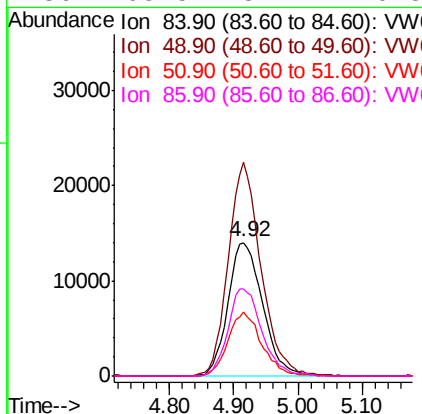
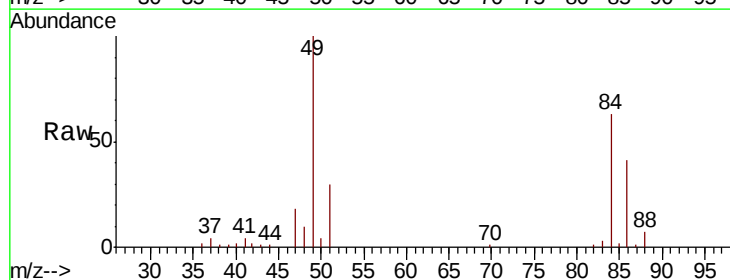
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

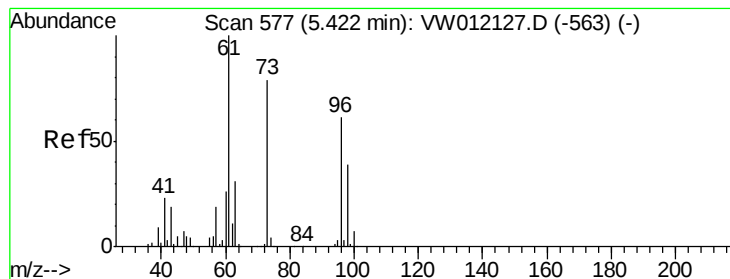
Tgt Ion: 73 Resp: 84200
Ion Ratio Lower Upper
73 100
57 25.4 18.9 28.3



#20
Methylene Chloride
Concen: 19.844 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Tgt Ion: 84 Resp: 52552
Ion Ratio Lower Upper
84 100
49 160.0 117.8 176.8
51 48.3 35.6 53.4
86 65.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.370 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

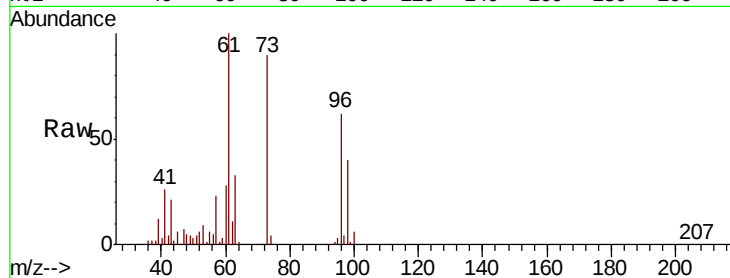
Tgt Ion: 96 Resp: 48029

Ion Ratio Lower Upper

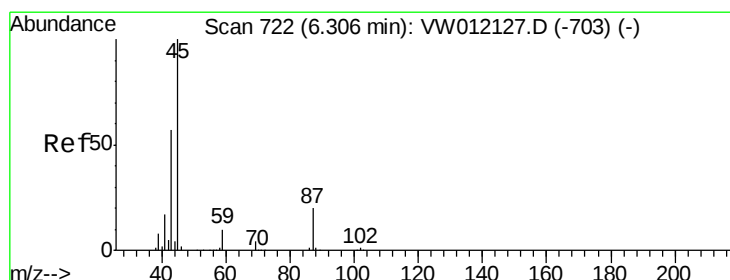
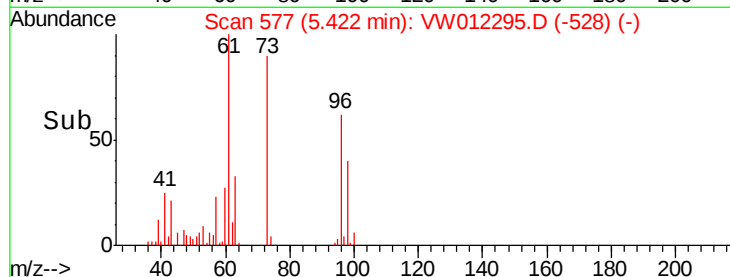
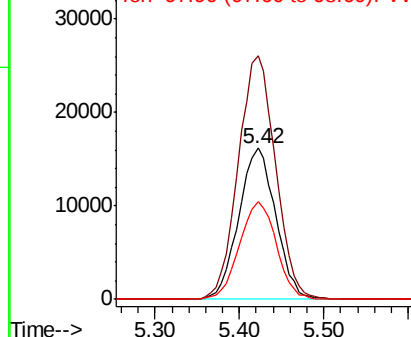
96 100

61 161.3 131.4 197.0

98 64.7 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: 21.224 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Tgt Ion: 45 Resp: 194475

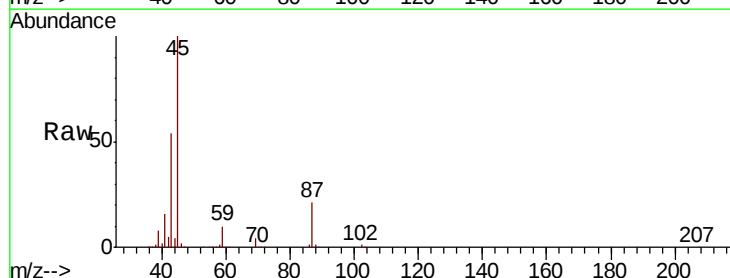
Ion Ratio Lower Upper

45 100

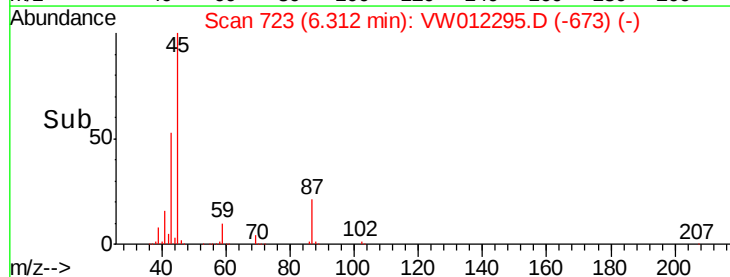
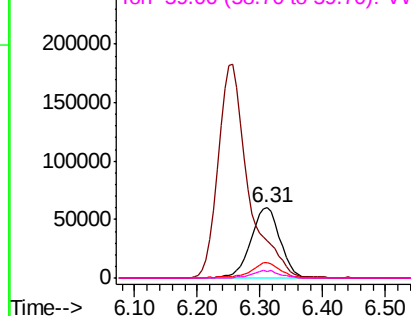
43 53.3 45.5 68.3

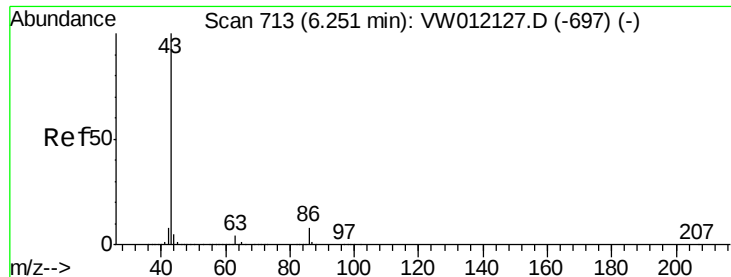
87 21.4 16.1 24.1

59 9.7 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: 107.656 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

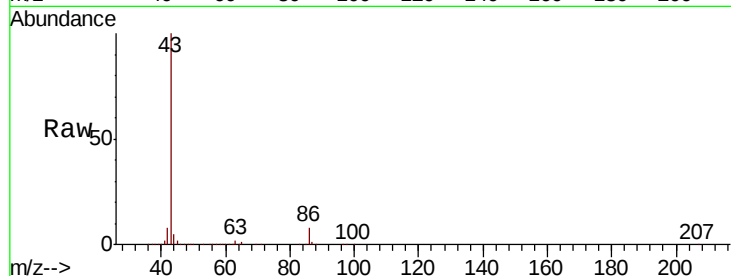
VW0829SBSD01

Tgt Ion: 43 Resp: 607081

Ion Ratio Lower Upper

43 100

86 8.1 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

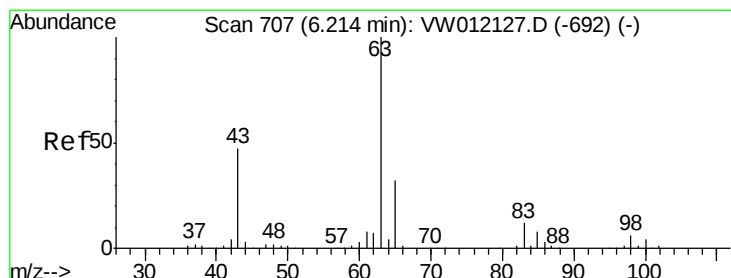
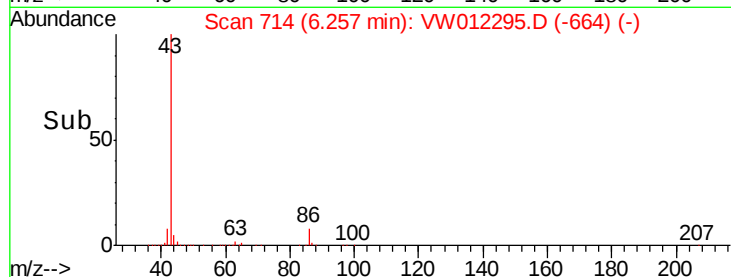
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.021 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

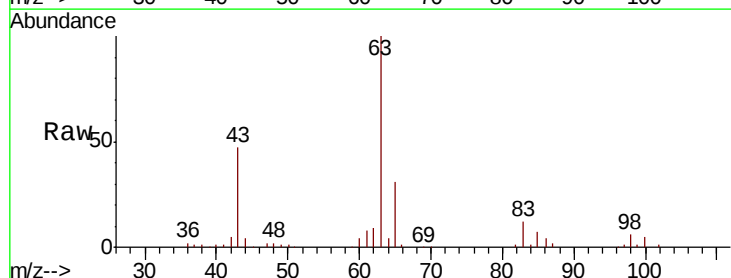
Tgt Ion: 63 Resp: 99885

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 4.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

40000

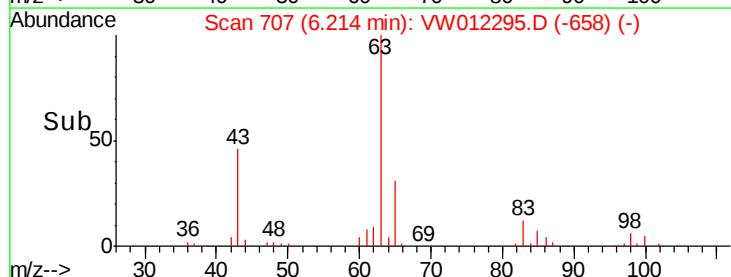
30000

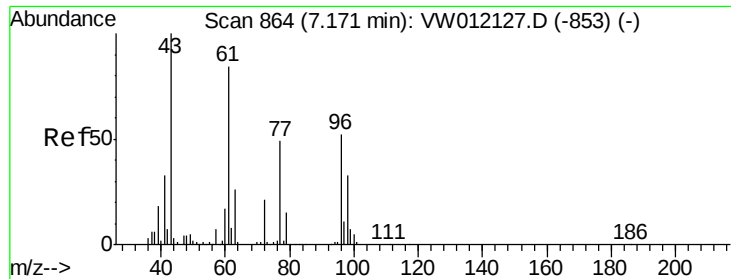
20000

10000

0

Time-->





#25

2-Butanone

Concen: 112.409 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

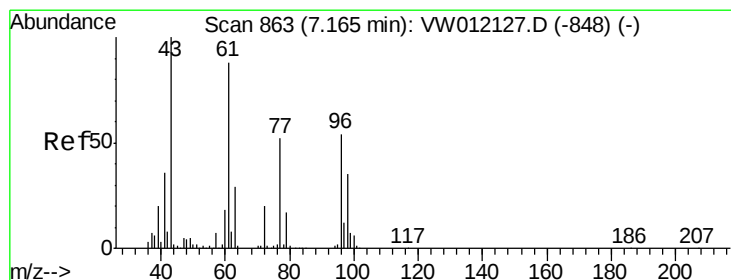
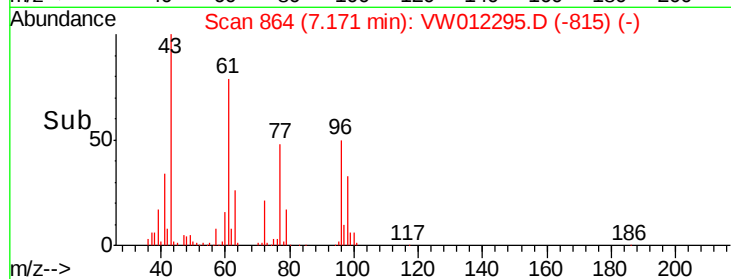
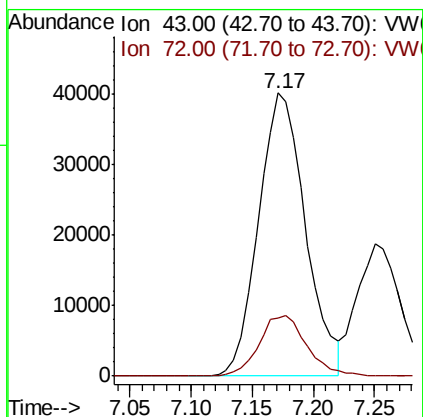
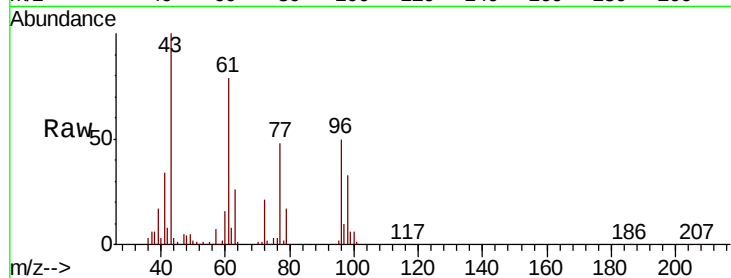
VW0829SBSD01

Tgt Ion: 43 Resp: 107004

Ion Ratio Lower Upper

43 100

72 20.6 16.6 24.8



#26

2,2-Dichloropropane

Concen: 20.518 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012295.D

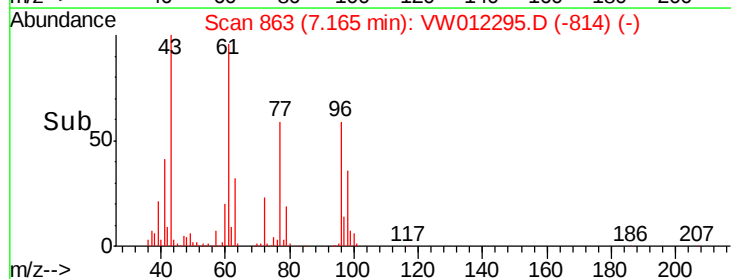
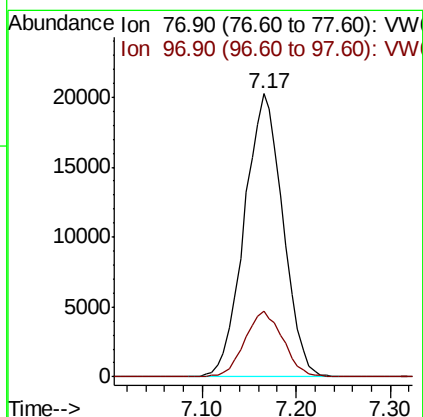
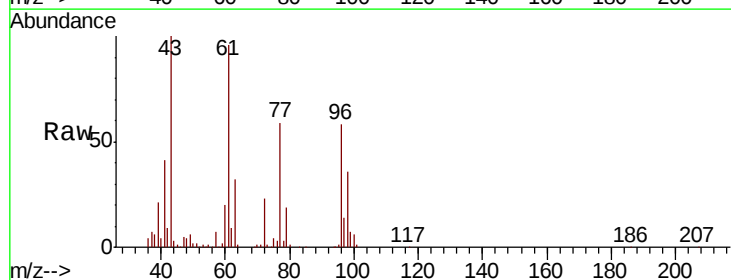
Acq: 29 Aug 2019 11:45

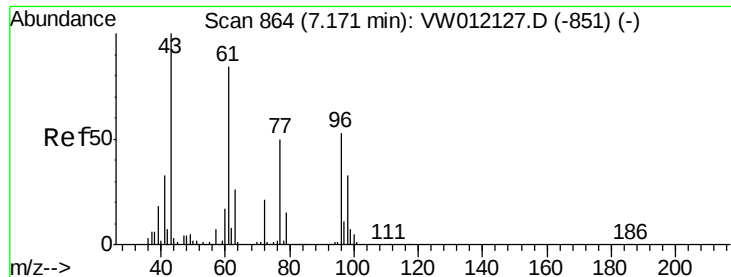
Tgt Ion: 77 Resp: 57940

Ion Ratio Lower Upper

77 100

97 23.0 11.1 33.1



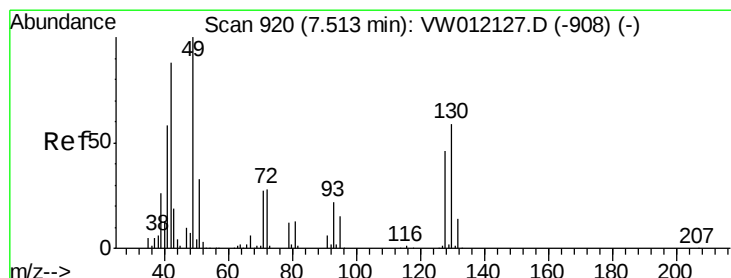
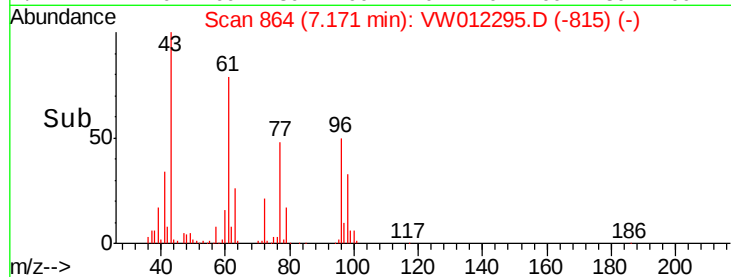
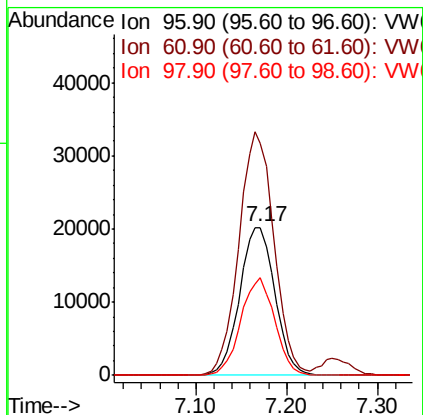
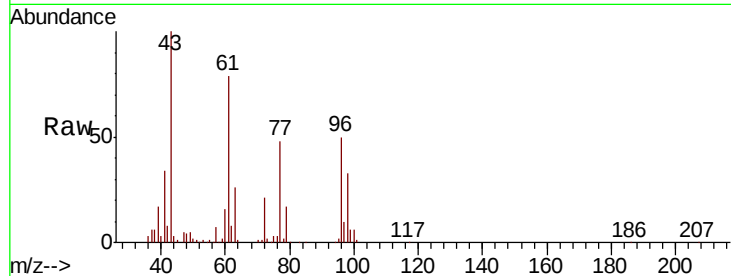


#27

cis-1,2-Dichloroethene
Concen: 20.648 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

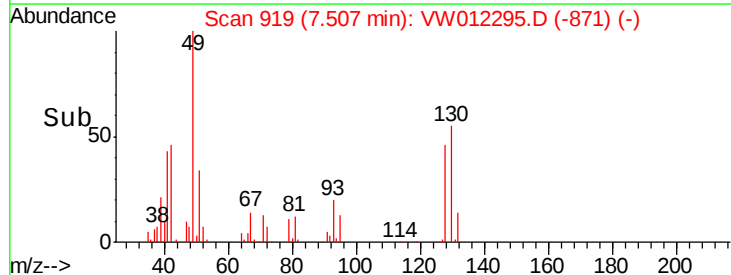
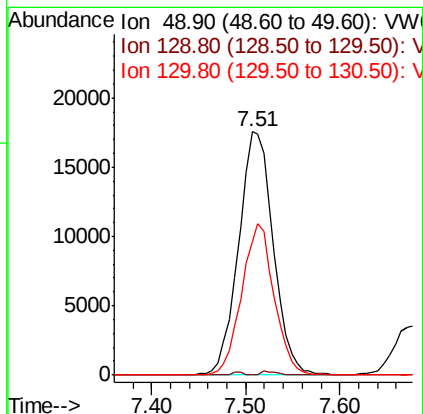
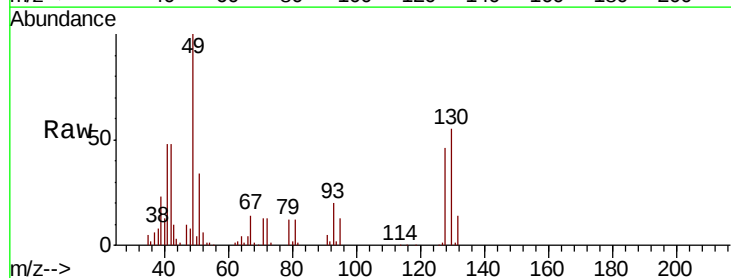
Tgt Ion: 96 Resp: 54702
Ion Ratio Lower Upper
96 100
61 163.4 0.0 326.6
98 63.1 0.0 127.4

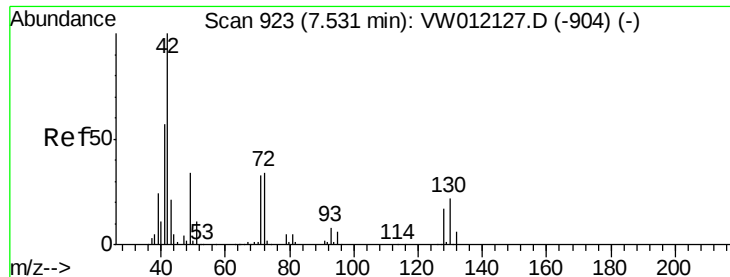


#28

Bromochloromethane
Concen: 20.745 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Tgt Ion: 49 Resp: 45110
Ion Ratio Lower Upper
49 100
129 0.8 0.0 1.4
130 58.1 45.5 68.3

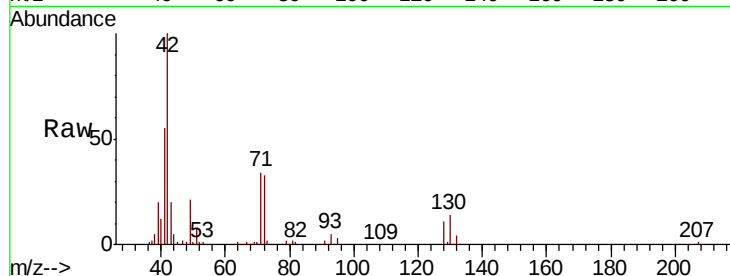




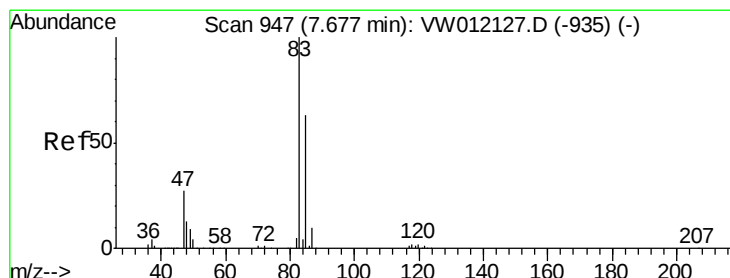
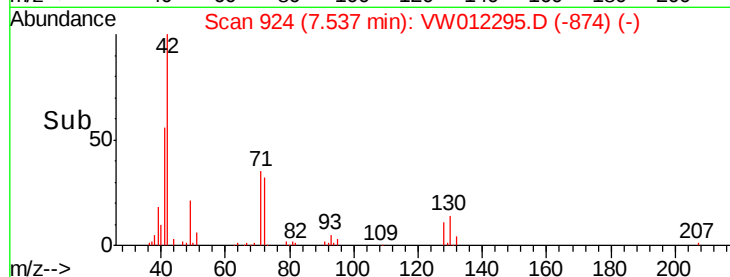
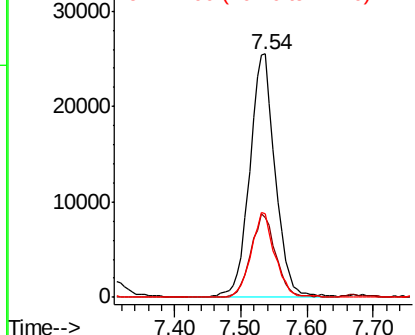
#29
Tetrahydrofuran
Concen: 120.634 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

Tgt Ion: 42 Resp: 68895
Ion Ratio Lower Upper
42 100
72 33.3 27.3 40.9
71 32.4 25.5 38.3

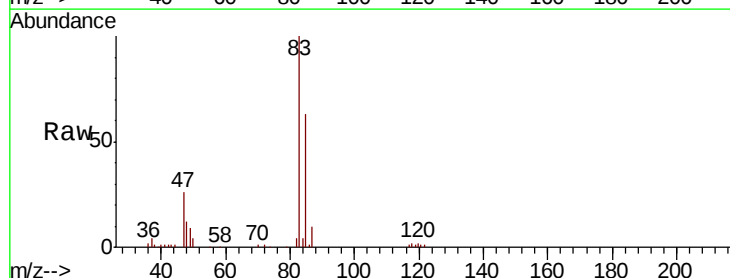


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

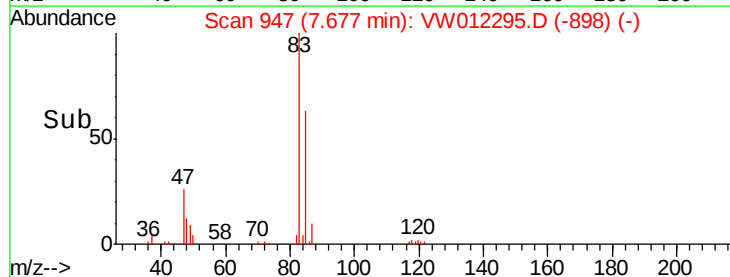
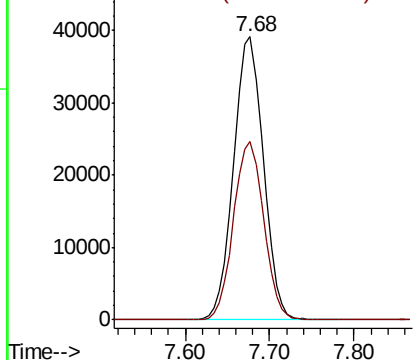


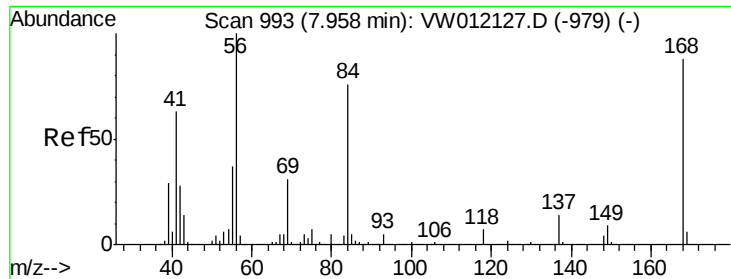
#30
Chloroform
Concen: 20.532 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Tgt Ion: 83 Resp: 93719
Ion Ratio Lower Upper
83 100
85 63.1 50.6 76.0



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

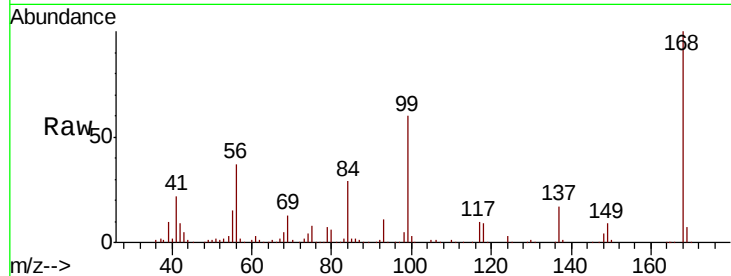




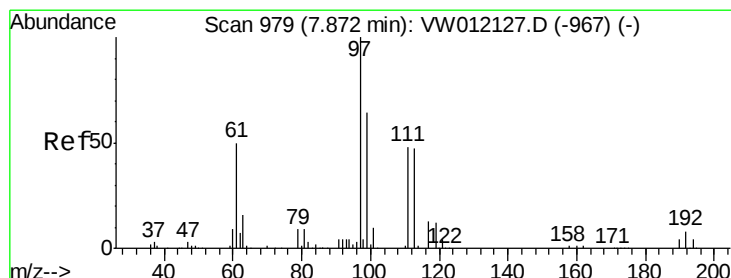
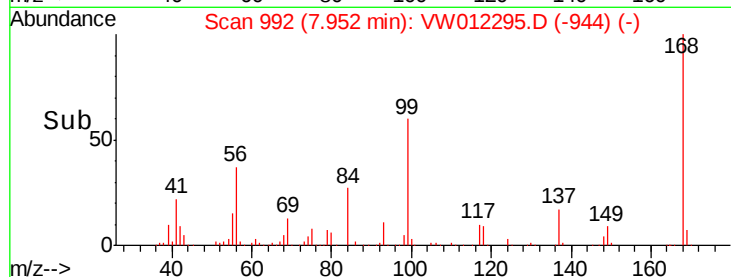
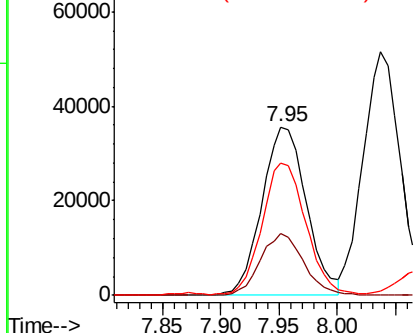
#31
Cyclohexane
Concen: 19.137 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

Tgt Ion: 56 Resp: 94463
Ion Ratio Lower Upper
56 100
69 36.8 24.9 37.3
84 76.8 60.6 90.8

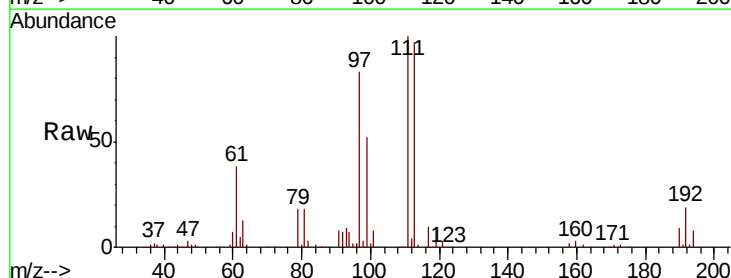


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

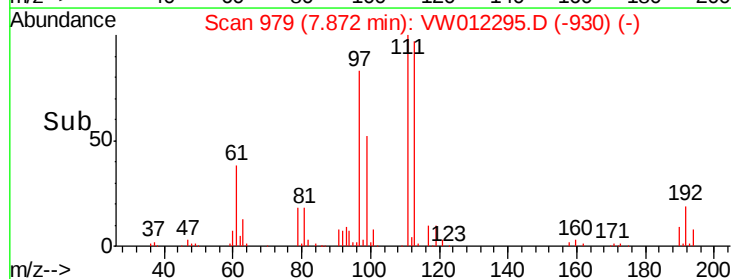
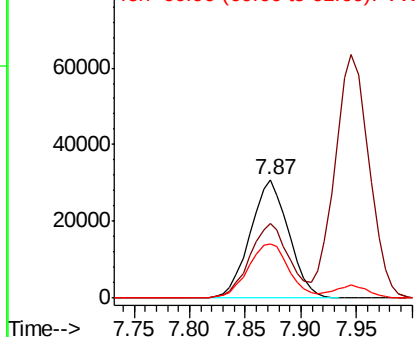


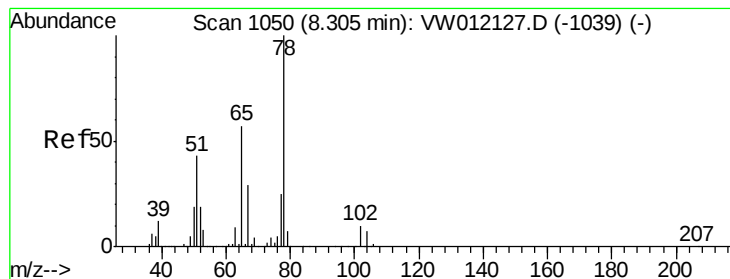
#32
1,1,1-Trichloroethane
Concen: 20.594 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Tgt Ion: 97 Resp: 74362
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 48.6 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: 50.370 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

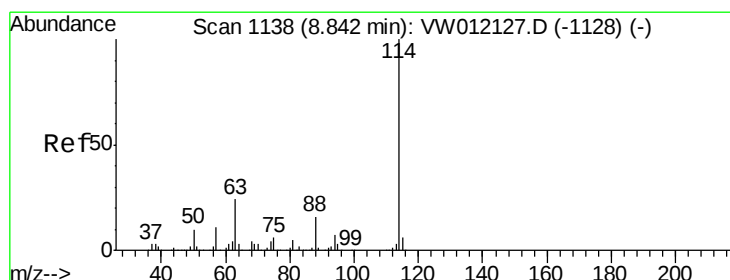
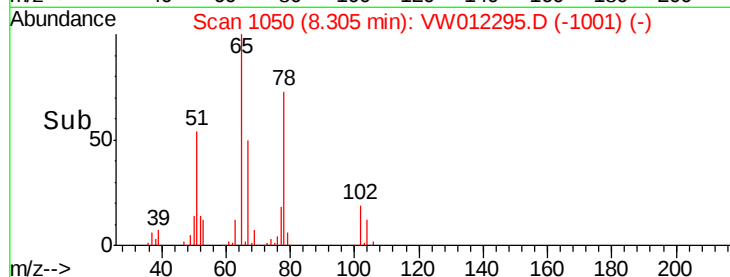
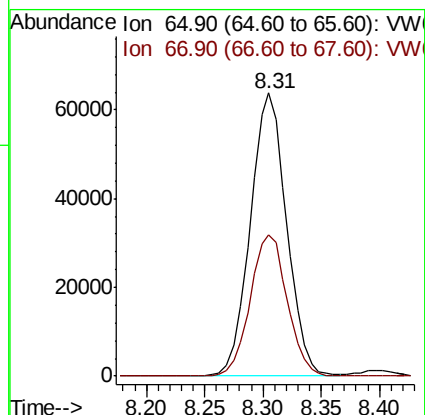
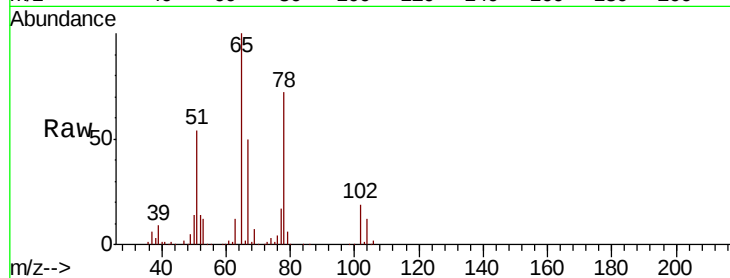
VW0829SBSD01

Tgt Ion: 65 Resp: 138035

Ion Ratio Lower Upper

65 100

67 51.0 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: VW012295.D

Acq: 29 Aug 2019 11:45

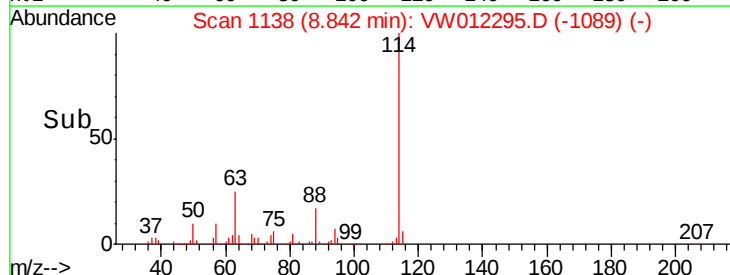
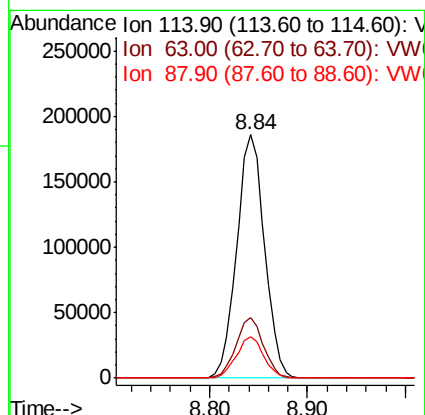
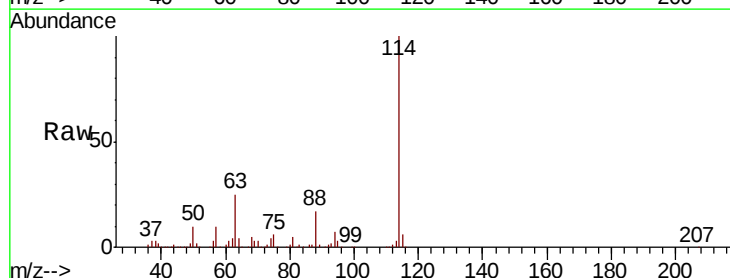
Tgt Ion: 114 Resp: 366919

Ion Ratio Lower Upper

114 100

63 25.1 0.0 48.6

88 16.9 0.0 32.2

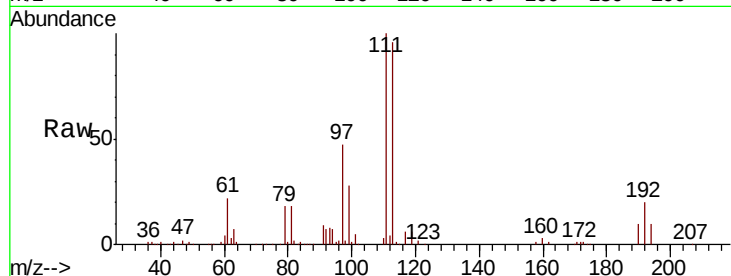




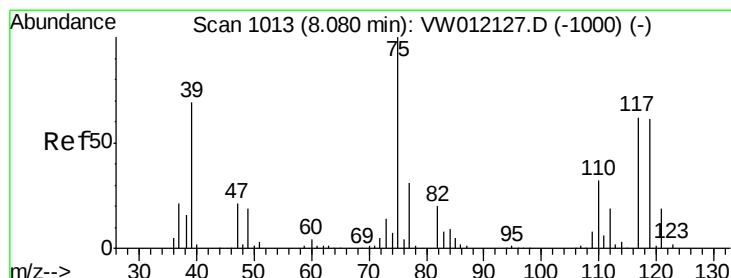
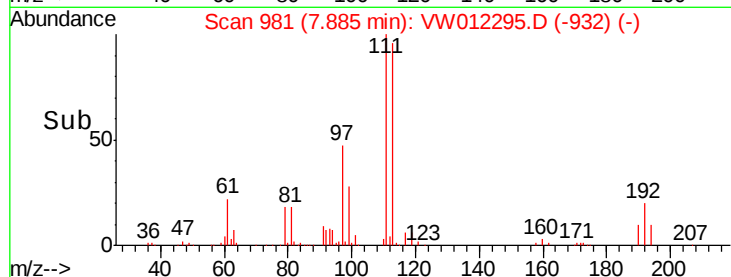
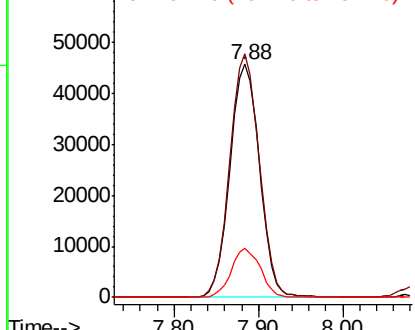
#35
 Dibromofluoromethane
 Concen: 49.631 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

Tgt Ion: 113 Resp: 108700
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.7 124.1
 192 20.8 16.2 24.2

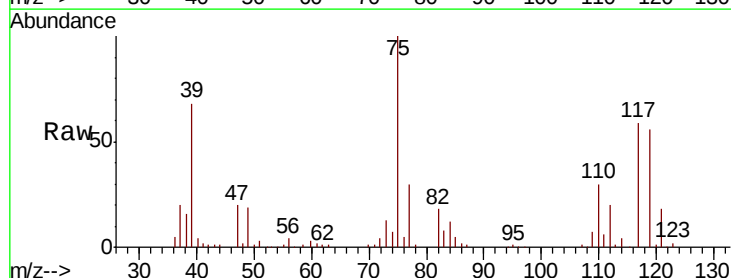


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

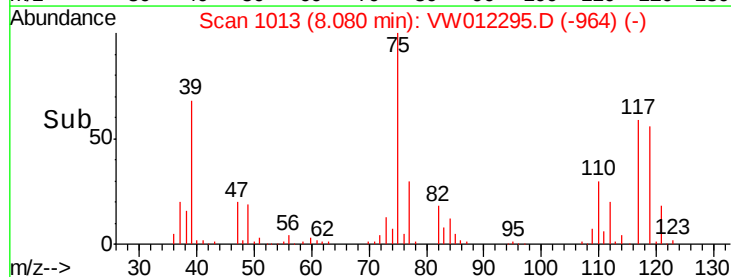
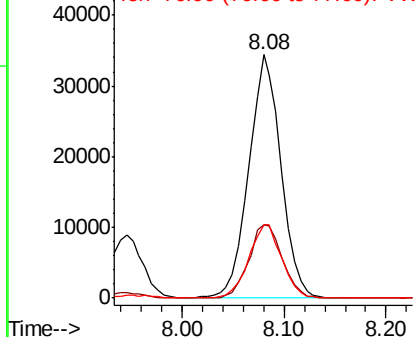


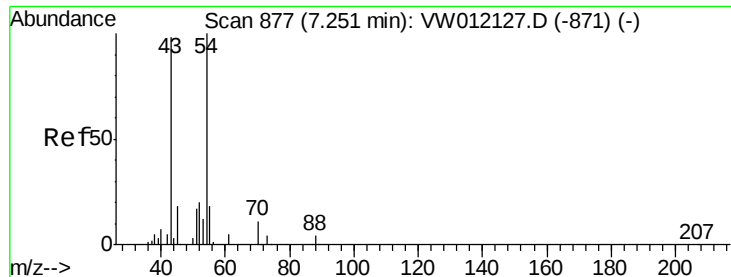
#36
 1,1-Dichloropropene
 Concen: 19.913 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

Tgt Ion: 75 Resp: 75502
 Ion Ratio Lower Upper
 75 100
 110 31.4 15.6 46.8
 77 30.9 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

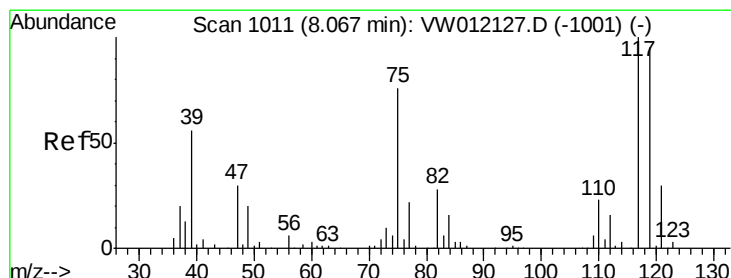
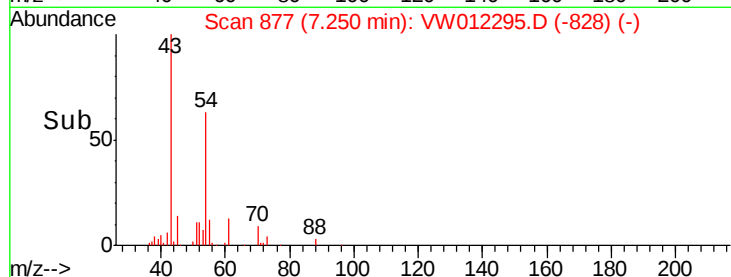
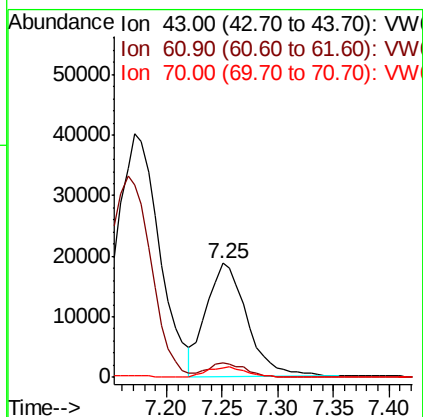
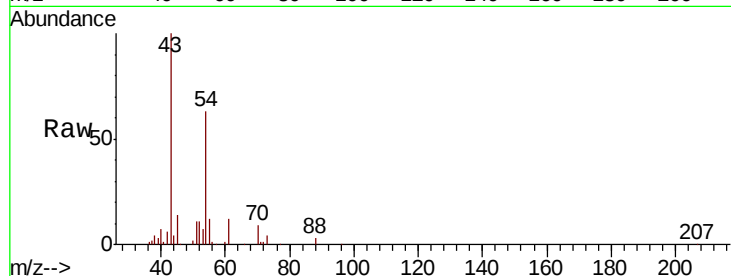




#37
 Ethyl Acetate
 Concen: 22.931 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

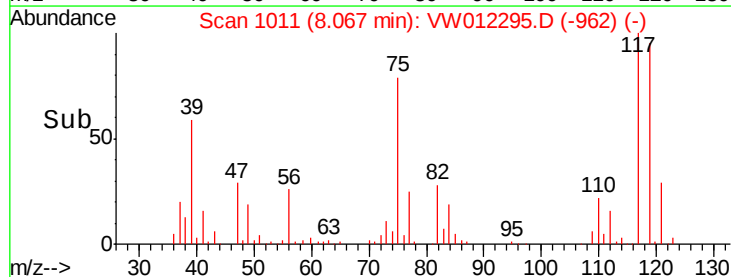
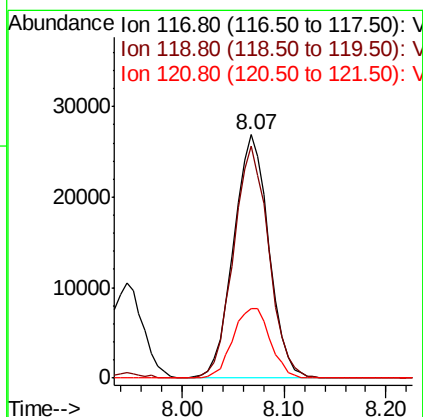
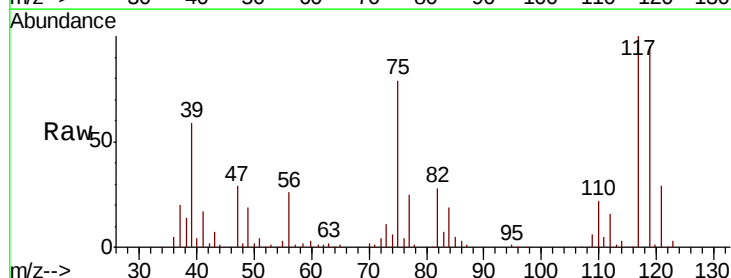
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

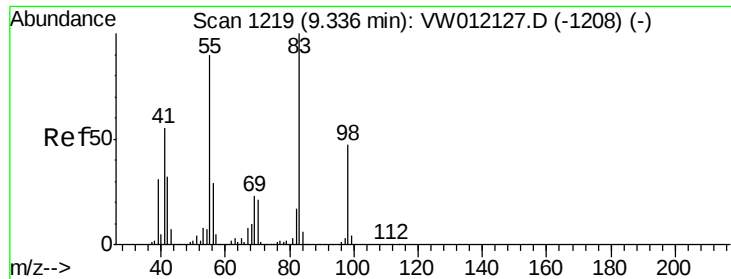
Tgt Ion: 43 Resp: 47645
 Ion Ratio Lower Upper
 43 100
 61 11.5 9.2 13.8
 70 9.2 6.9 10.3



#38
 Carbon Tetrachloride
 Concen: 19.670 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

Tgt Ion: 117 Resp: 64552
 Ion Ratio Lower Upper
 117 100
 119 95.1 76.2 114.2
 121 28.7 23.8 35.8

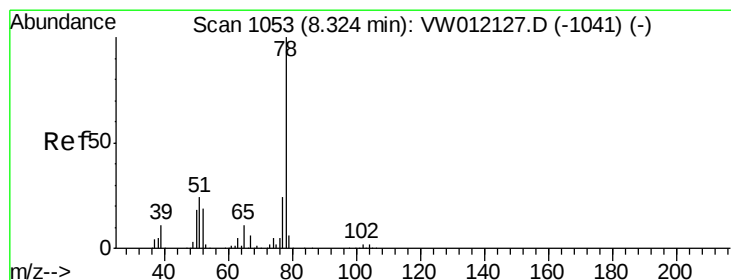
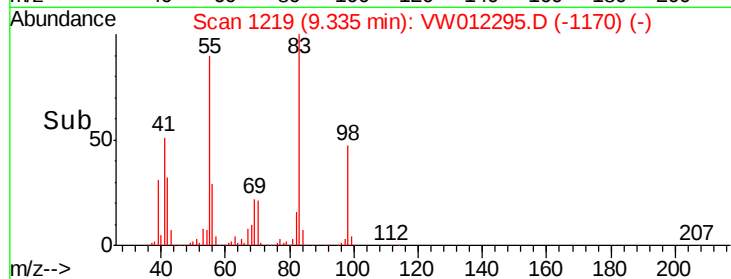
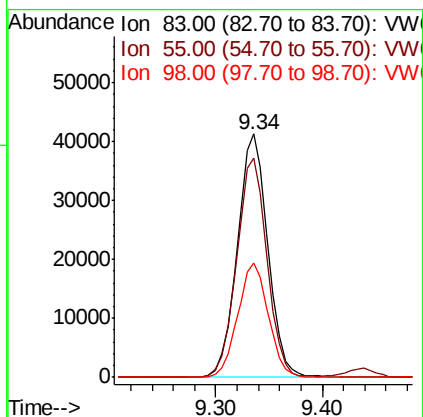
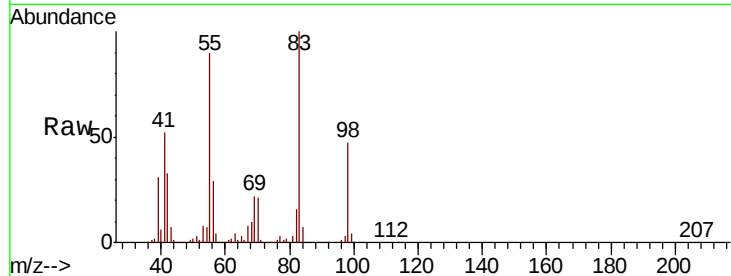




#39
Methylcyclohexane
Concen: 19.444 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

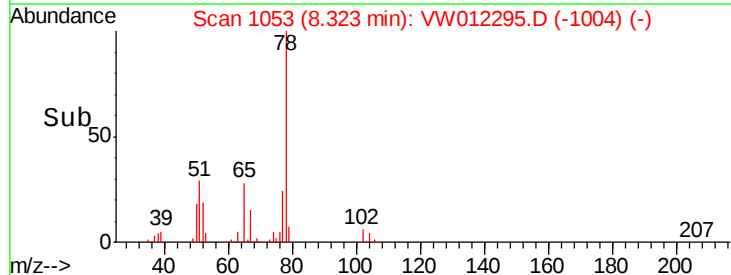
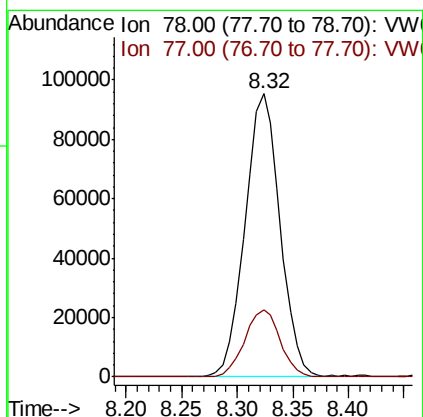
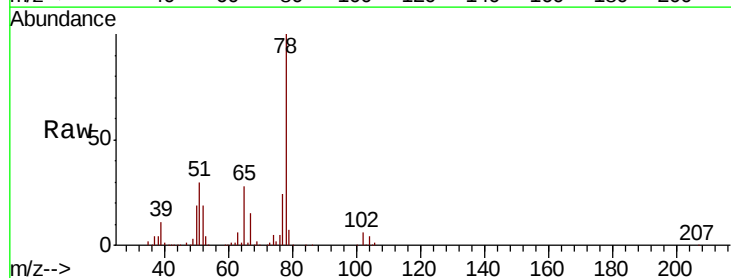
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

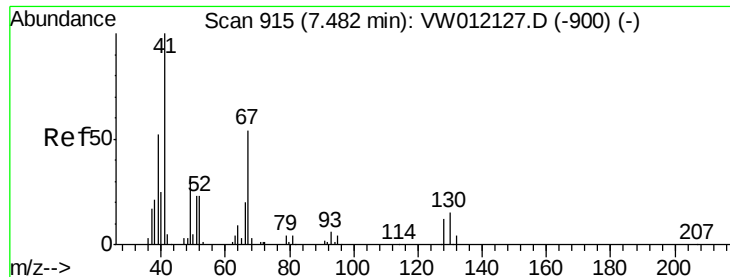
Tgt Ion: 83 Resp: 82825
Ion Ratio Lower Upper
83 100
55 89.9 71.8 107.8
98 46.8 37.8 56.8



#40
Benzene
Concen: 20.166 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Tgt Ion: 78 Resp: 208785
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3

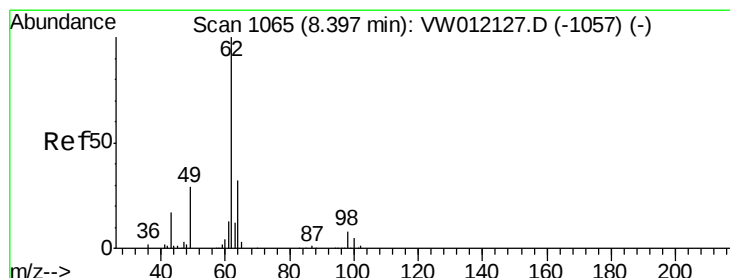
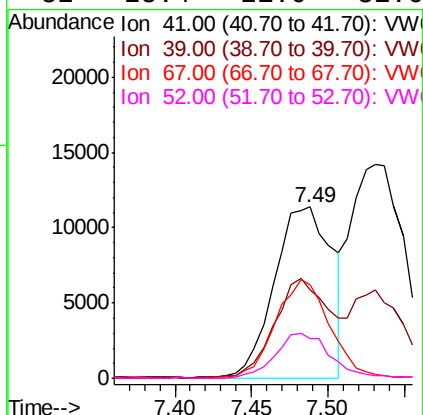
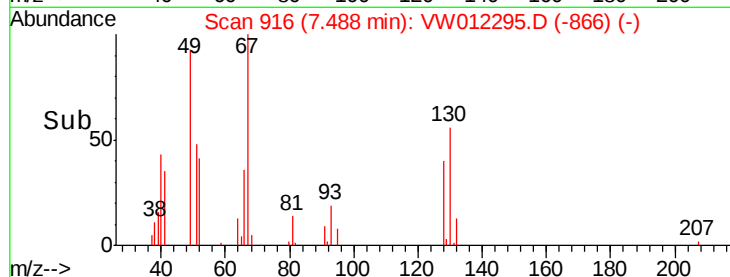
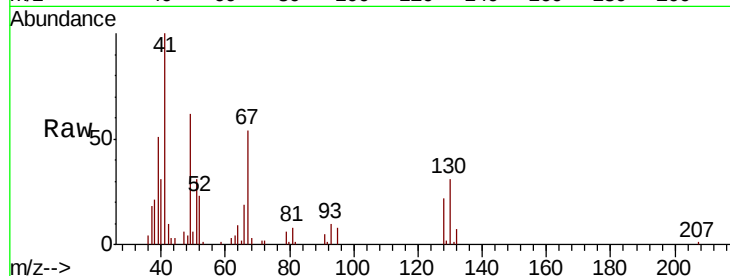




#41
Methacrylonitrile
Concen: 24.604 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

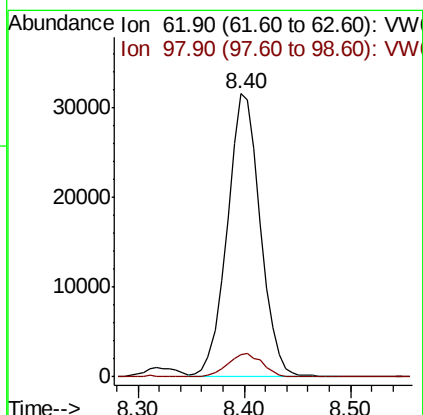
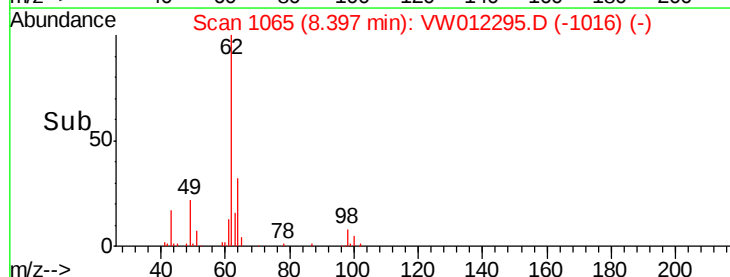
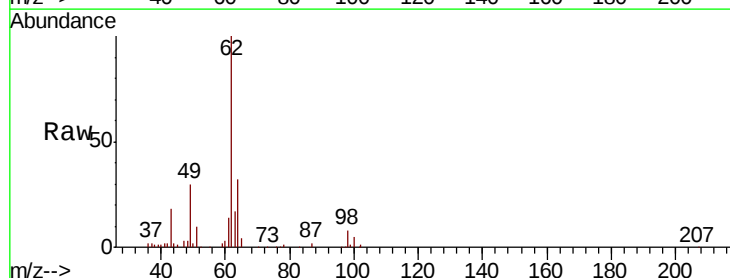
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

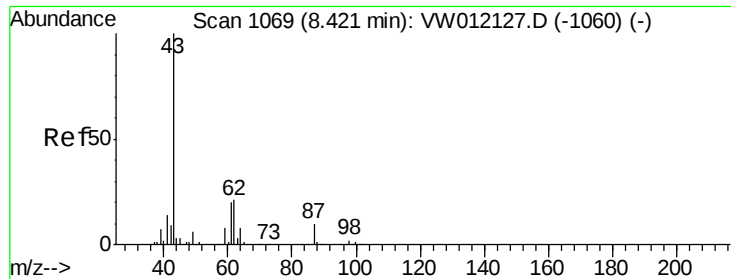
Tgt Ion:	41	Resp:	30046
Ion	Ratio	Lower	Upper
41	100		
39	54.7	45.8	68.8
67	54.4	46.2	69.4
52	25.4	21.0	31.6



#42
1,2-Dichloroethane
Concen: 21.203 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Tgt Ion:	62	Resp:	68801
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6

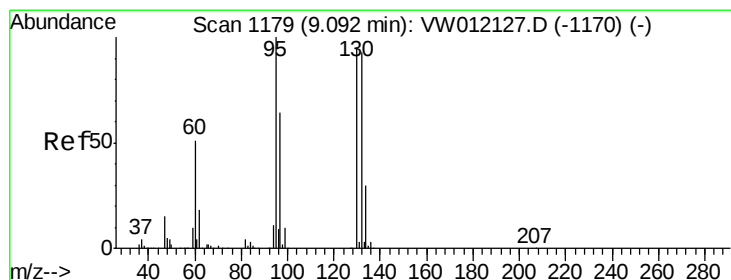
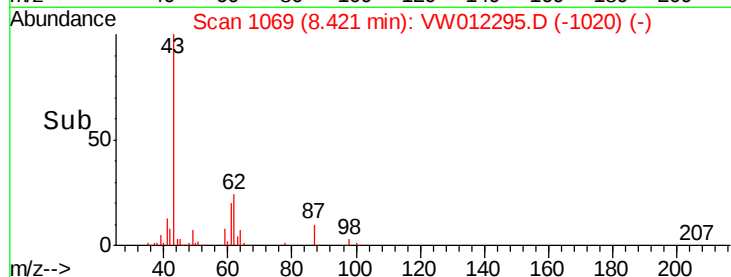
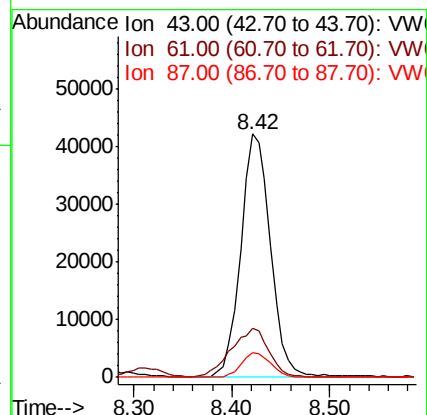
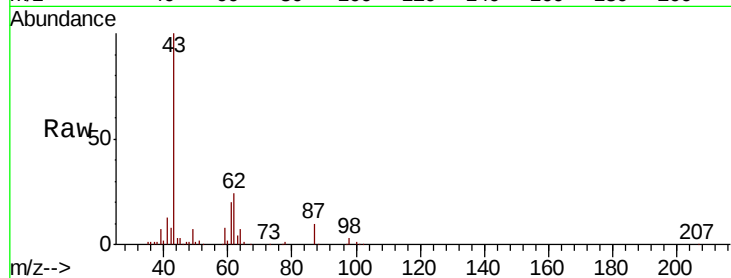




#43
Isopropyl Acetate
Concen: 22.985 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

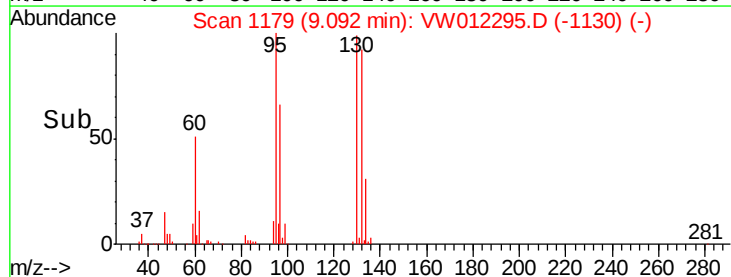
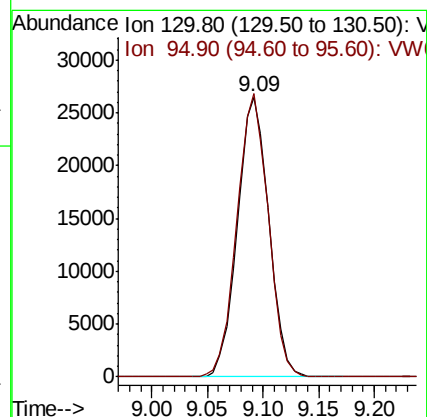
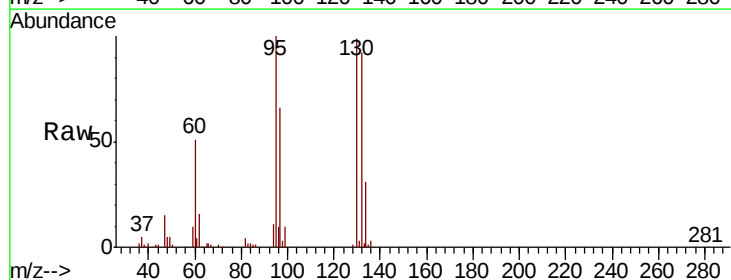
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

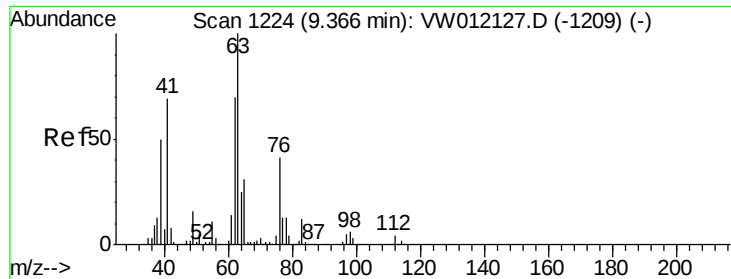
Tgt Ion: 43 Resp: 88463
Ion Ratio Lower Upper
43 100
61 25.7 21.1 31.7
87 10.0 8.2 12.2



#44
Trichloroethene
Concen: 20.490 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Tgt Ion: 130 Resp: 51570
Ion Ratio Lower Upper
130 100
95 101.1 0.0 210.6

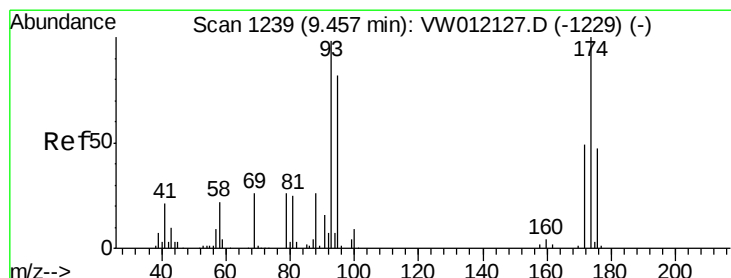
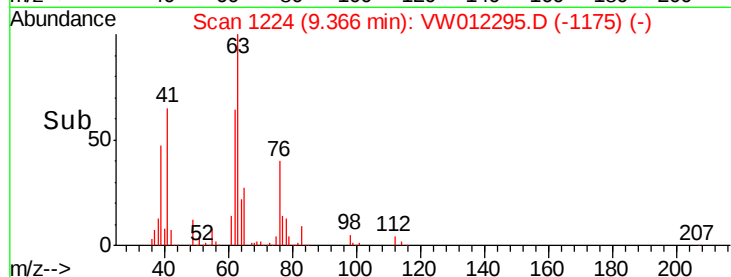
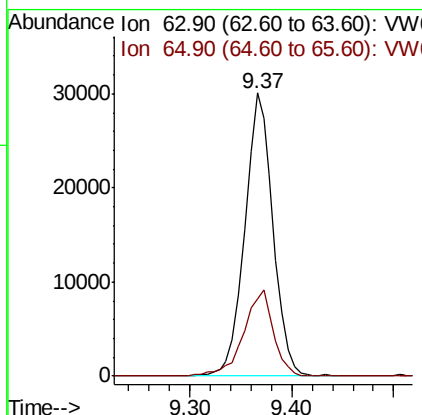
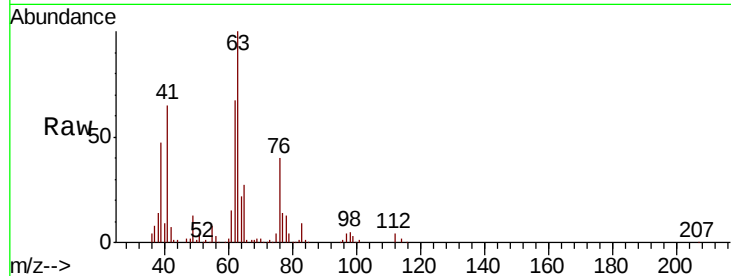




#45
 1,2-Dichloropropane
 Concen: 20.659 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

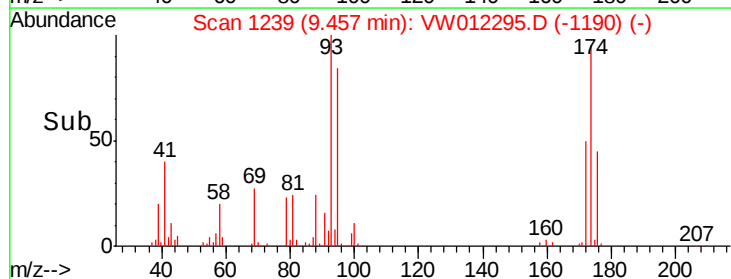
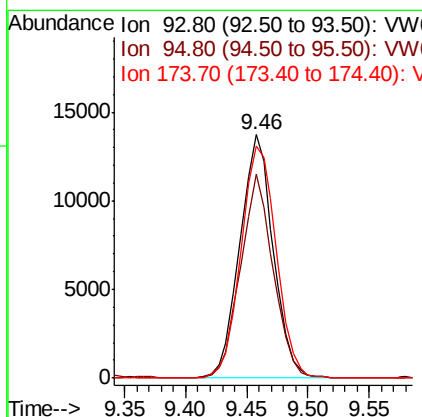
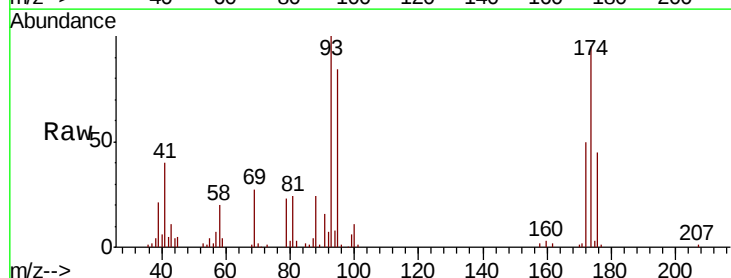
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

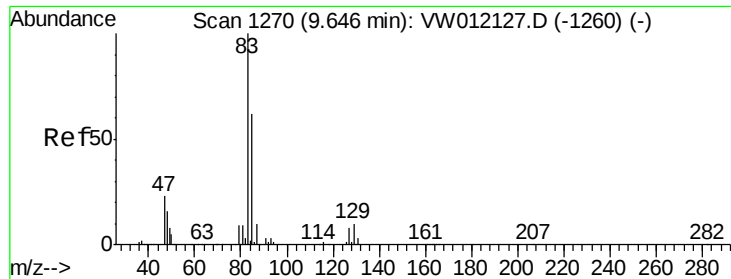
Tgt Ion: 63 Resp: 57566
 Ion Ratio Lower Upper
 63 100
 65 27.3 25.0 37.4



#46
 Dibromomethane
 Concen: 20.916 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

Tgt Ion: 93 Resp: 25931
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.2 100.8
 174 100.9 79.0 118.6





#47

Bromodichloromethane

Concen: 20.286 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

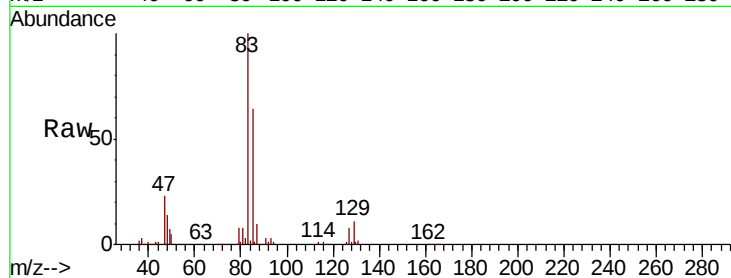
Tgt Ion: 83 Resp: 66935

Ion Ratio Lower Upper

83 100

85 63.6 49.4 74.2

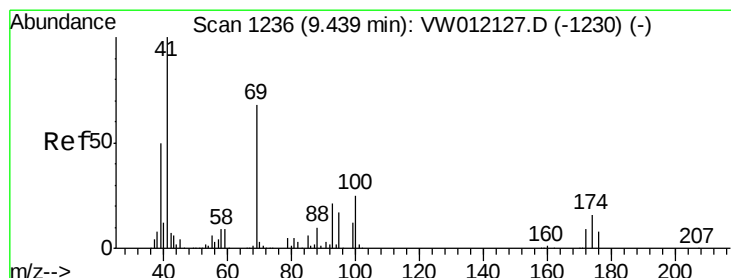
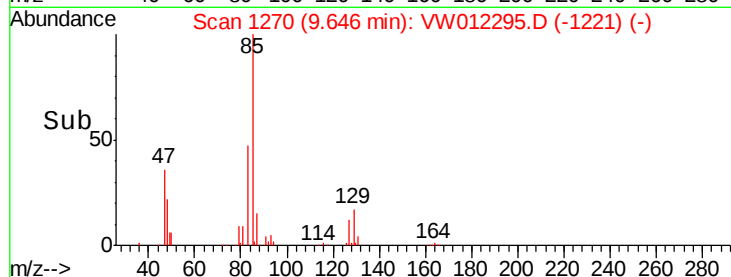
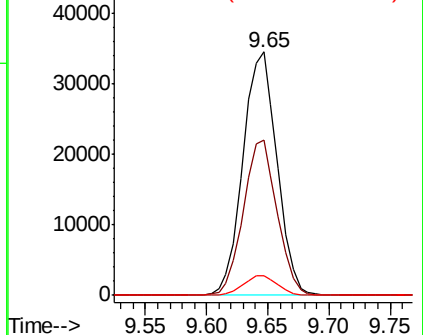
127 7.8 6.1 9.1



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: 22.202 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

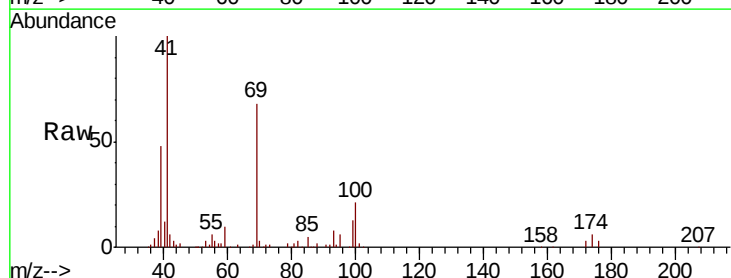
Tgt Ion: 41 Resp: 40670

Ion Ratio Lower Upper

41 100

69 74.7 56.7 85.1

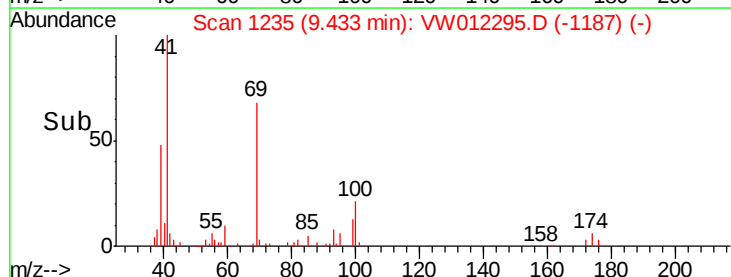
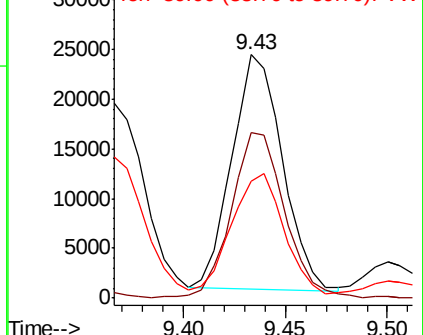
39 56.5 42.0 63.0

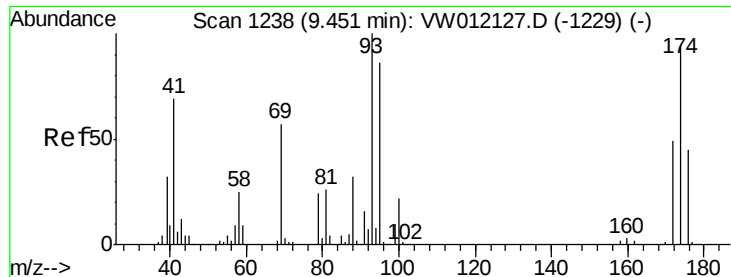


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 480.047 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

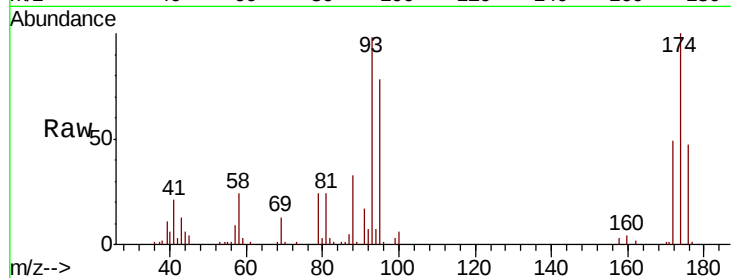
Tgt Ion: 88 Resp: 9111

Ion Ratio Lower Upper

88 100

43 0.0 32.9 49.3#

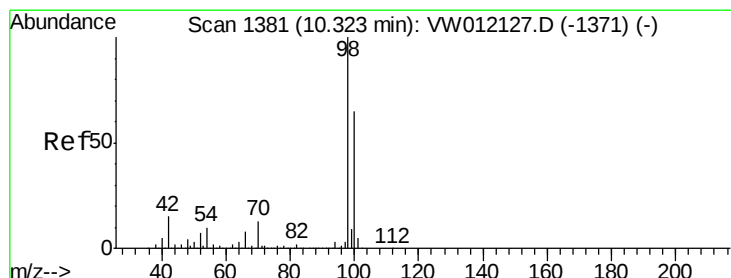
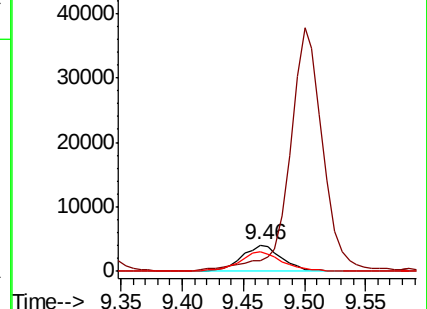
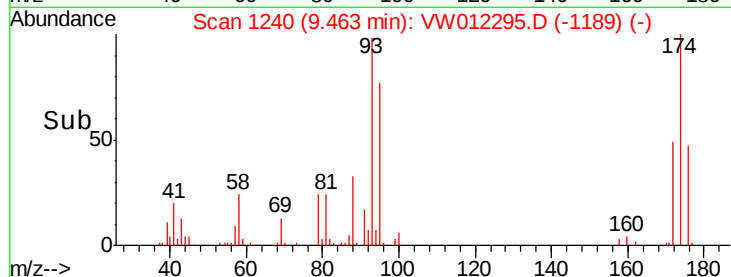
58 83.3 71.0 106.4



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: 50.434 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012295.D

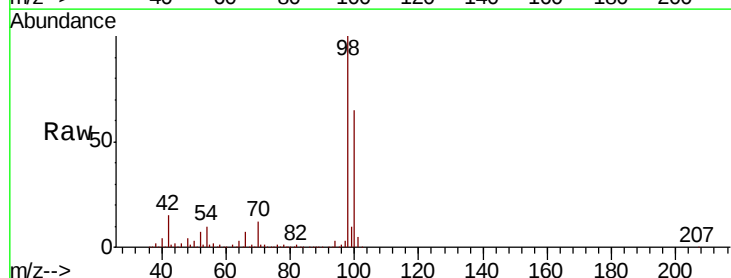
Acq: 29 Aug 2019 11:45

Tgt Ion: 98 Resp: 447875

Ion Ratio Lower Upper

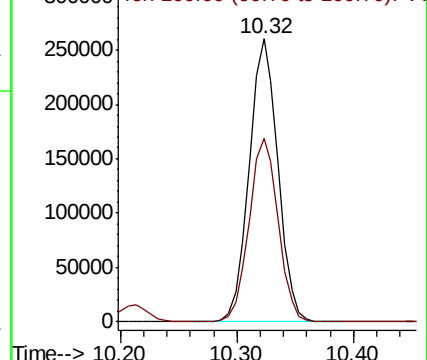
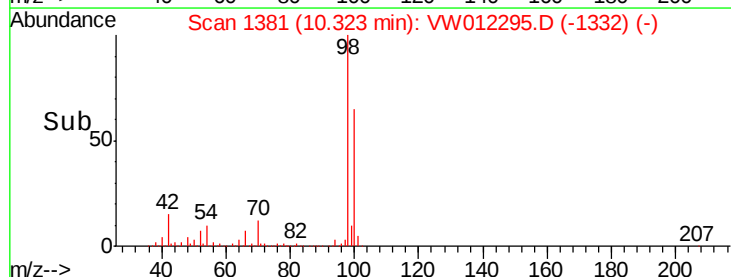
98 100

100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

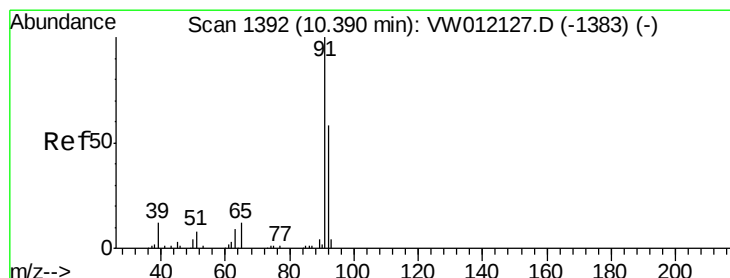
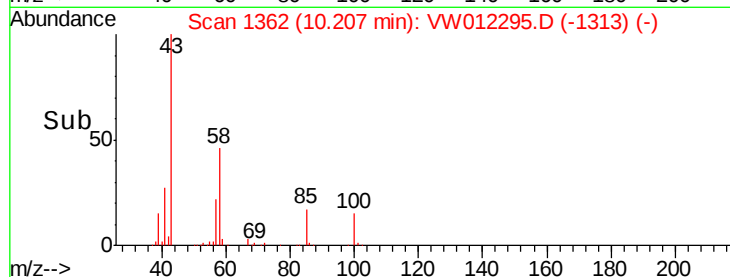
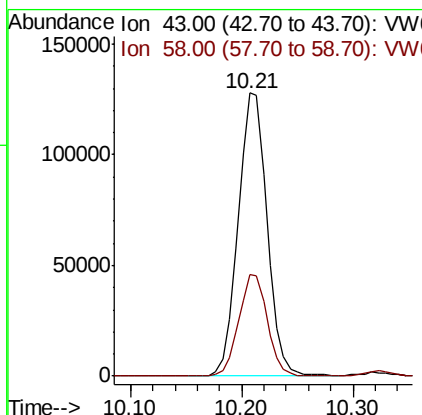
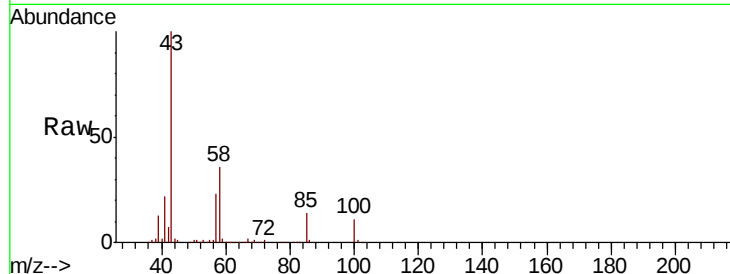




#51
 4-Methyl-2-Pentanone
 Concen: 117.206 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

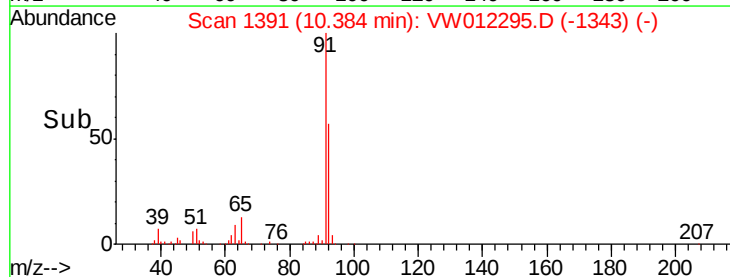
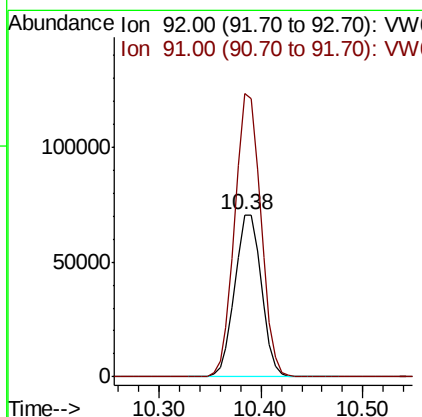
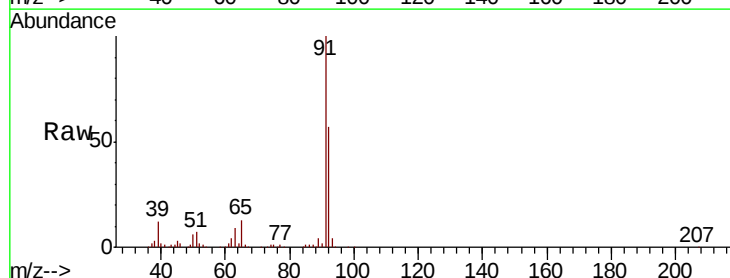
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0829SBSD01

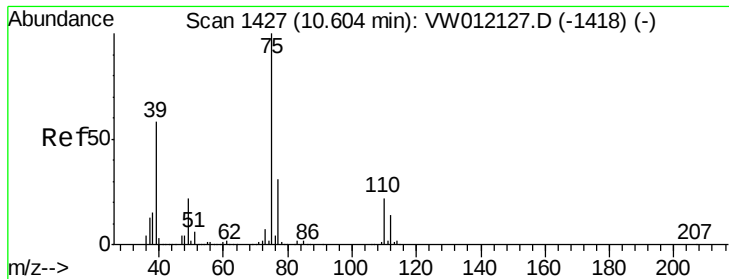
Tgt Ion: 43 Resp: 229440
 Ion Ratio Lower Upper
 43 100
 58 35.6 28.2 42.2



#52
 Toluene
 Concen: 20.474 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

Tgt Ion: 92 Resp: 127343
 Ion Ratio Lower Upper
 92 100
 91 171.2 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 20.987 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

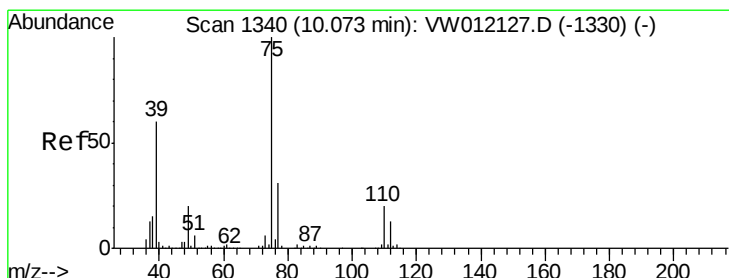
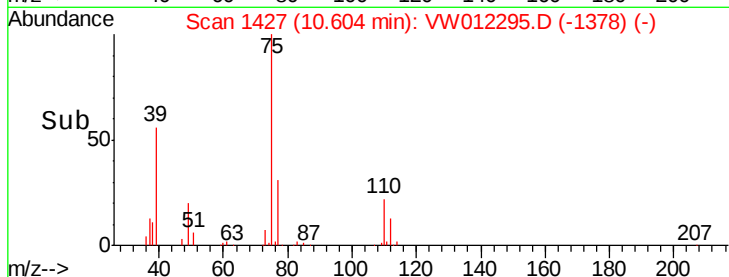
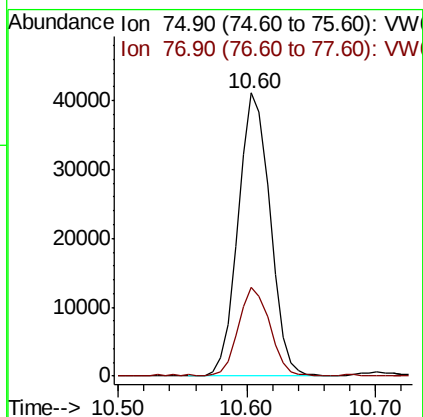
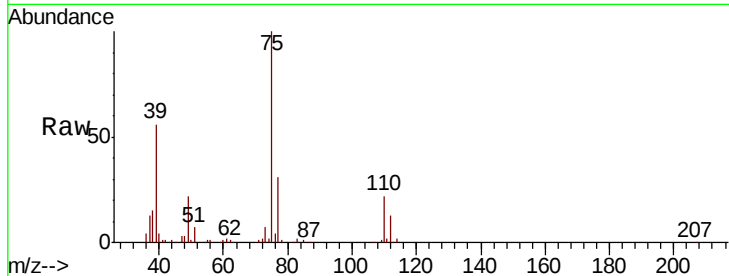
VW0829SBSD01

Tgt Ion: 75 Resp: 70536

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.378 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

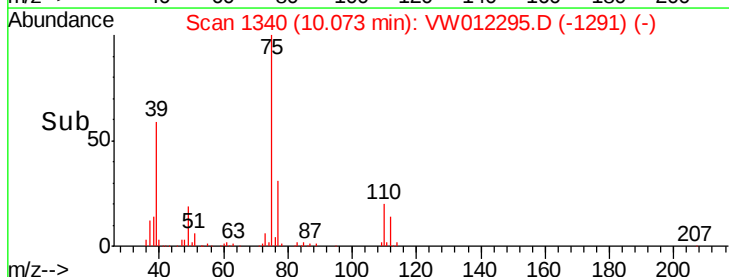
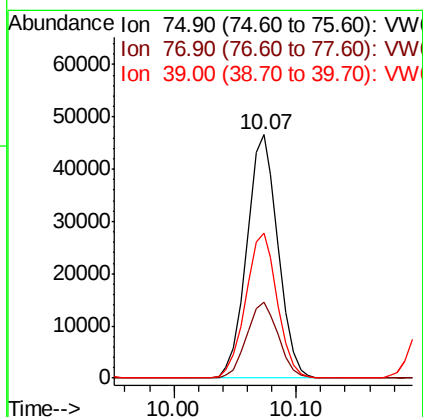
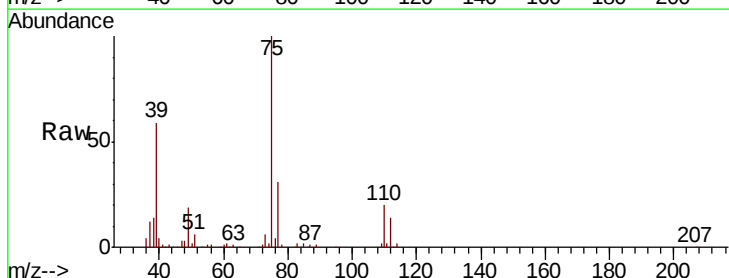
Tgt Ion: 75 Resp: 82698

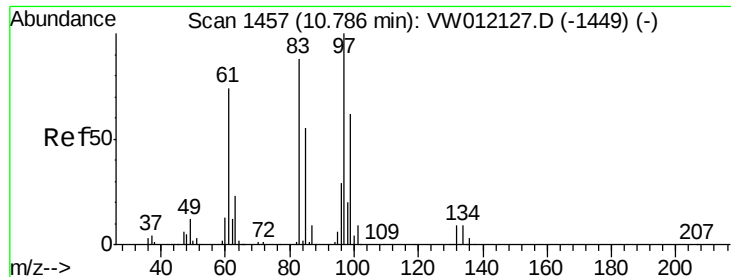
Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7

39 59.2 48.3 72.5

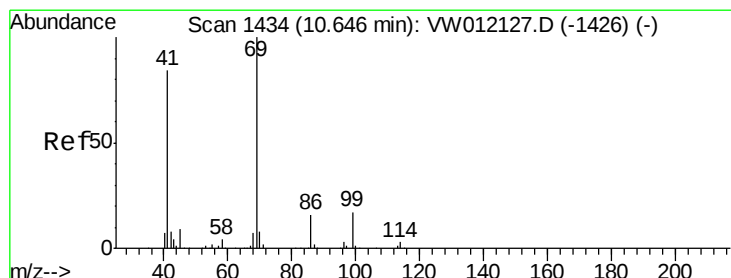
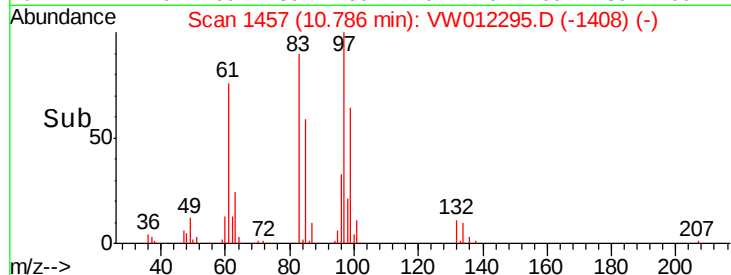
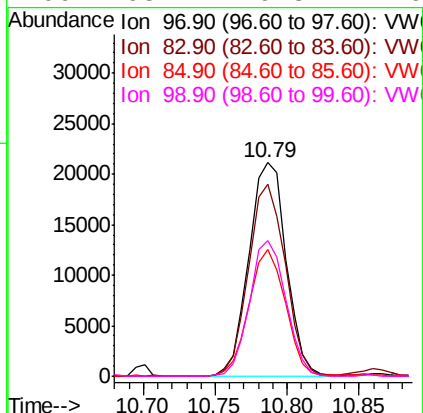
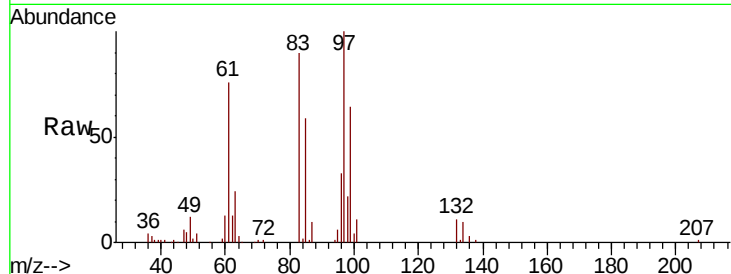




#55
 1,1,2-Trichloroethane
 Concen: 21.664 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

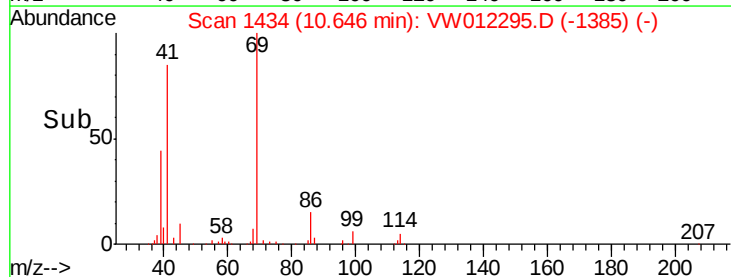
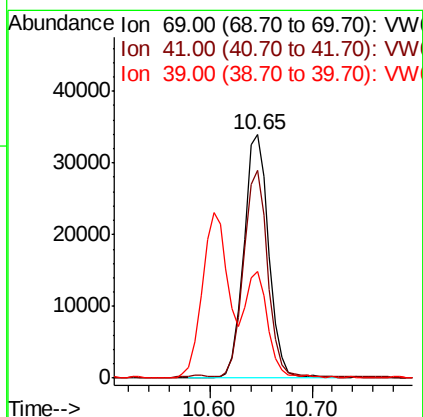
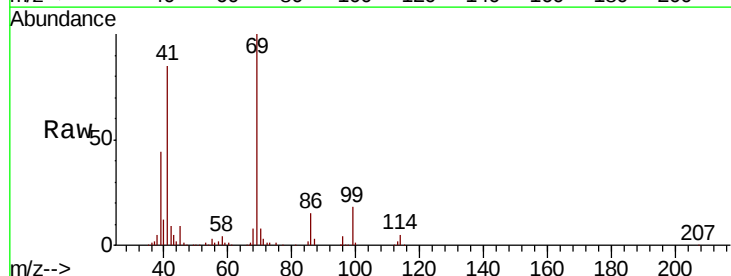
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

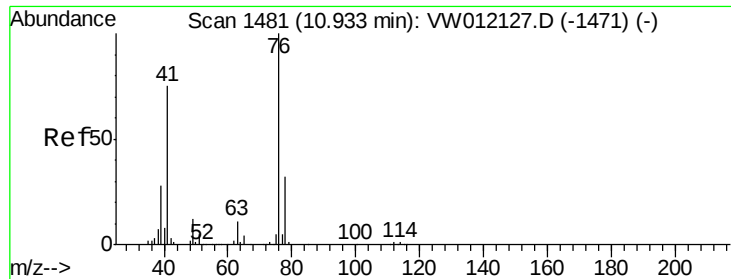
Tgt Ion:	97	Resp:	38001
Ion	Ratio	Lower	Upper
97	100		
83	90.2	70.8	106.2
85	59.3	43.8	65.8
99	63.7	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 22.576 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

Tgt Ion:	69	Resp:	57635
Ion	Ratio	Lower	Upper
69	100		
41	81.4	66.5	99.7
39	38.8	31.0	46.4

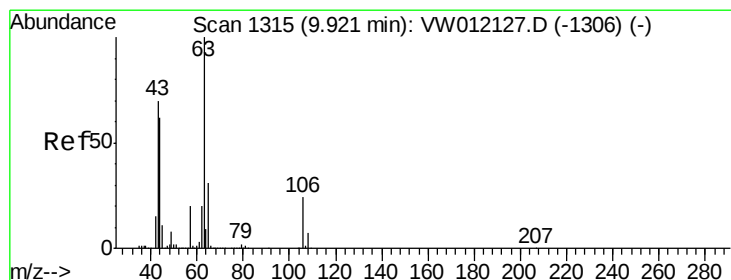
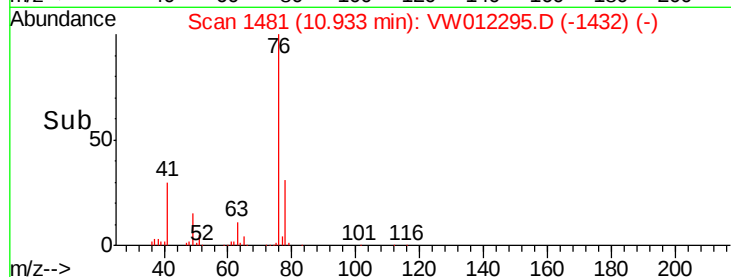
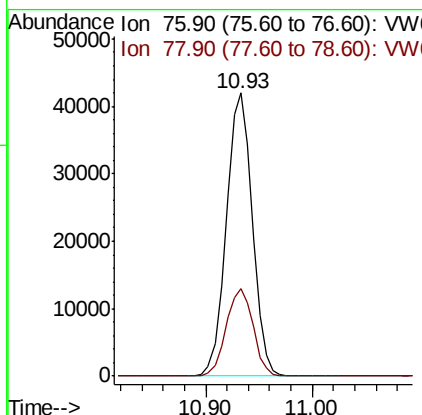
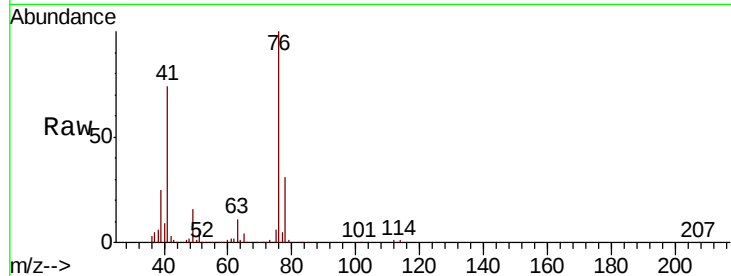




#57
 1,3-Dichloropropane
 Concen: 21.672 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

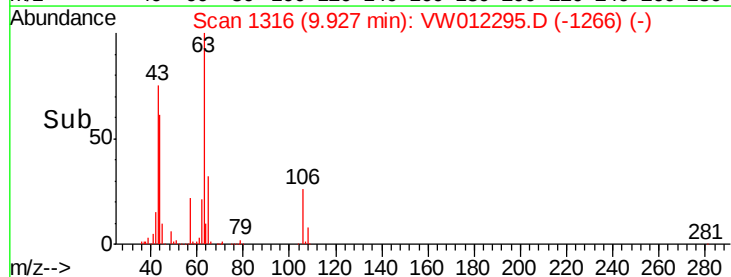
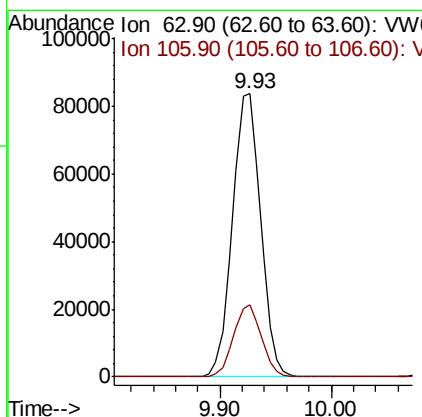
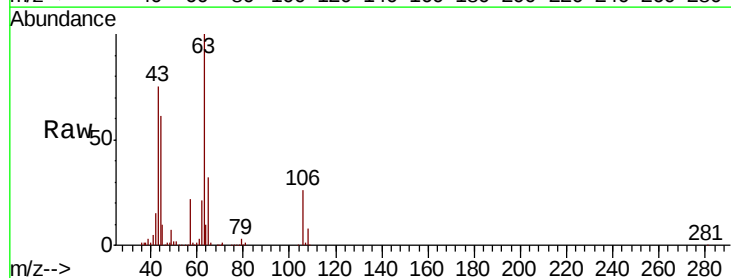
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

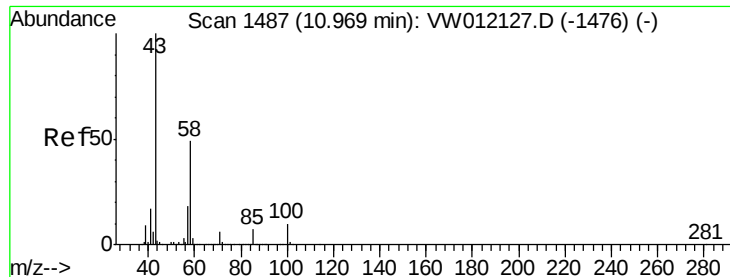
Tgt Ion: 76 Resp: 71838
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 112.375 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

Tgt Ion: 63 Resp: 147237
 Ion Ratio Lower Upper
 63 100
 106 25.1 19.8 29.8

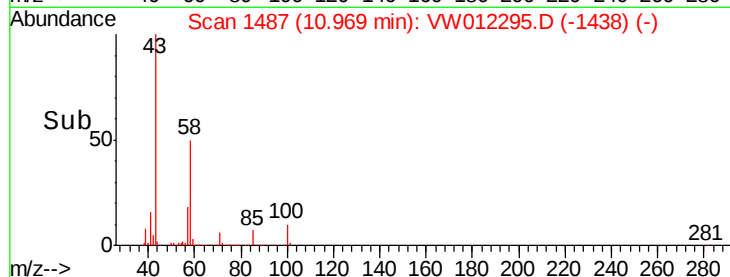
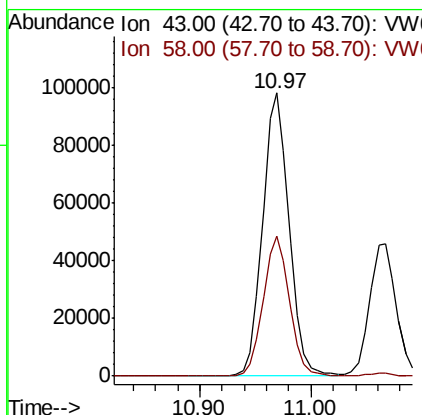
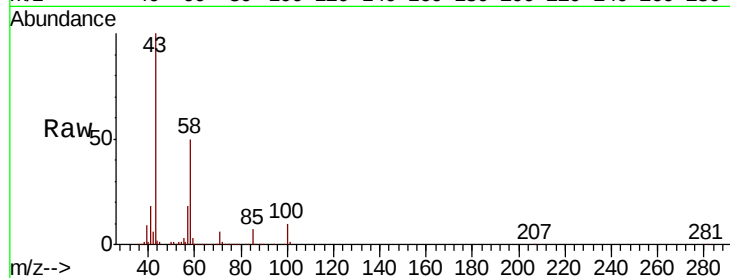




#59
2-Hexanone
Concen: 117.551 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

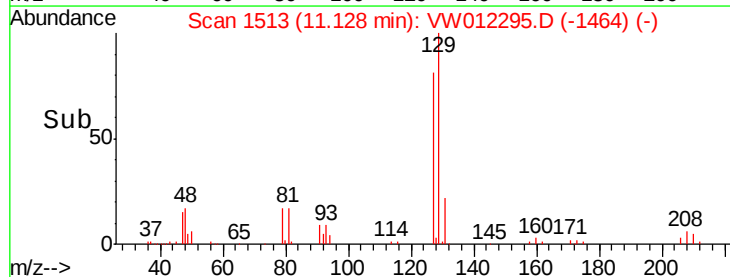
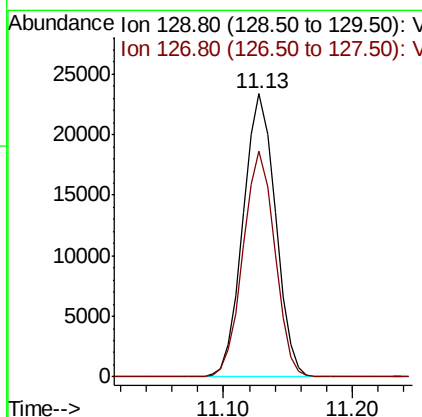
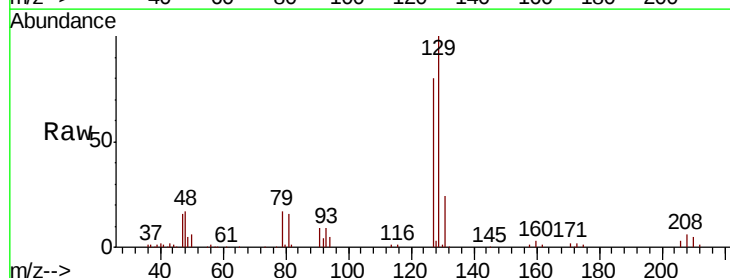
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

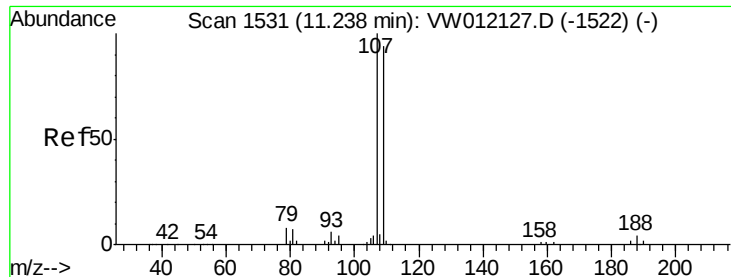
Tgt Ion: 43 Resp: 162821
Ion Ratio Lower Upper
43 100
58 49.0 24.3 72.9



#60
Dibromochloromethane
Concen: 20.866 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Tgt Ion: 129 Resp: 40767
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.901 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

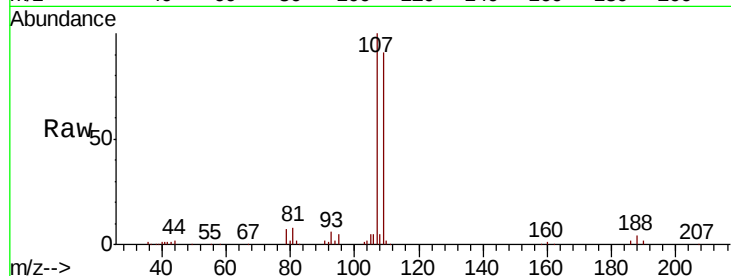
VW0829SBSD01

Tgt Ion: 107 Resp: 35790

Ion Ratio Lower Upper

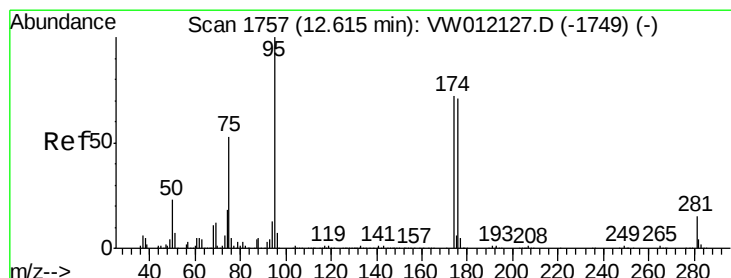
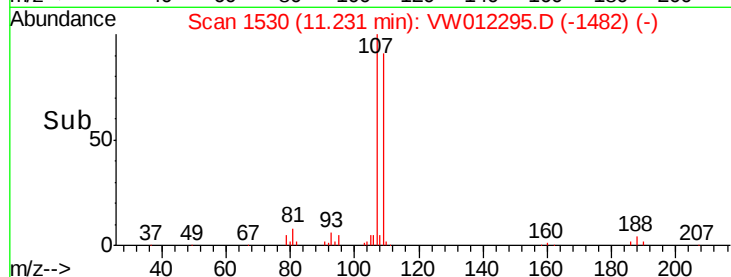
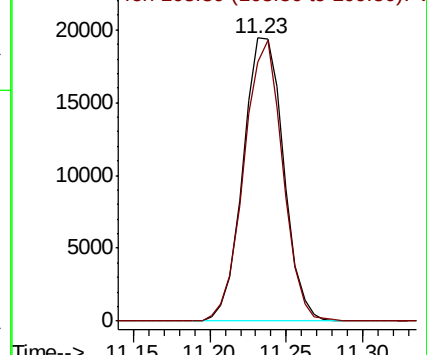
107 100

109 94.7 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.664 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

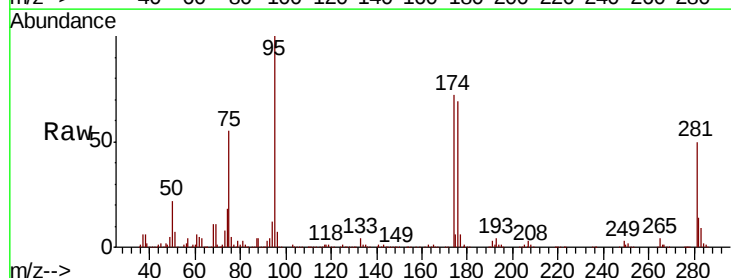
Tgt Ion: 95 Resp: 158597

Ion Ratio Lower Upper

95 100

174 76.6 0.0 150.8

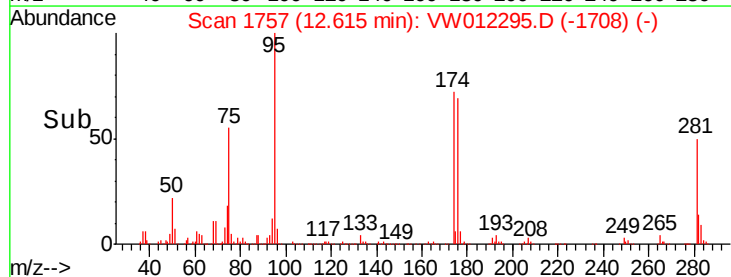
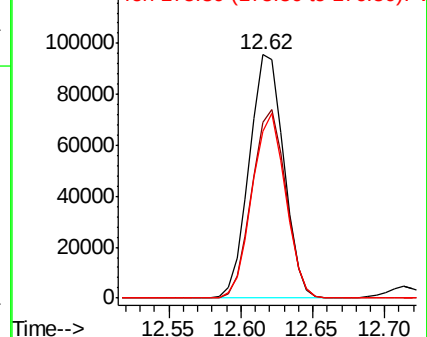
176 73.6 0.0 148.6

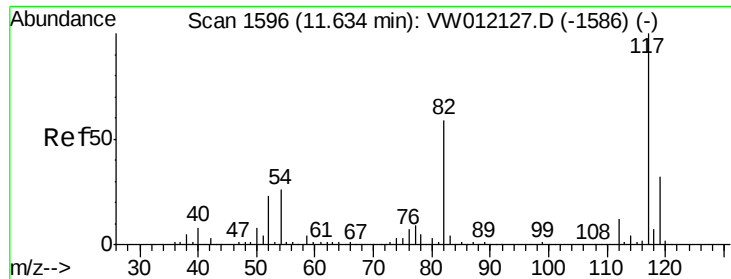


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

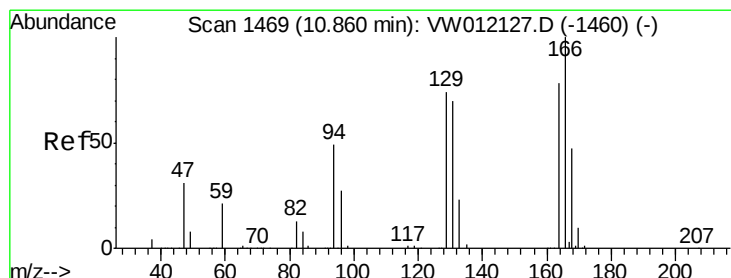
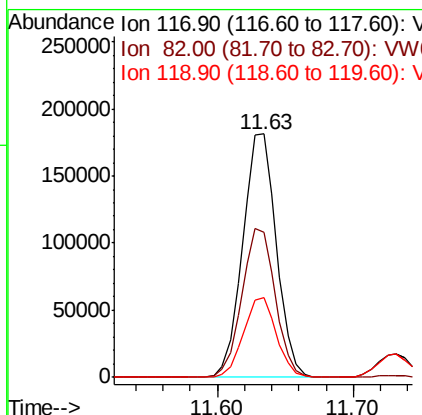
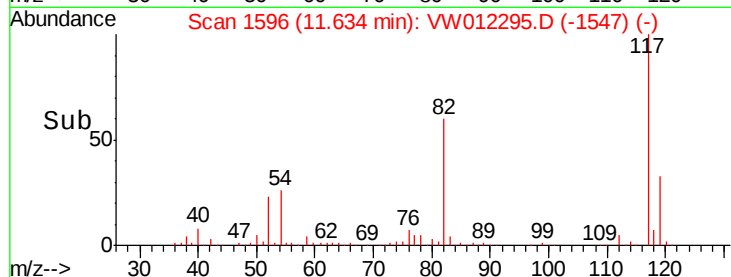
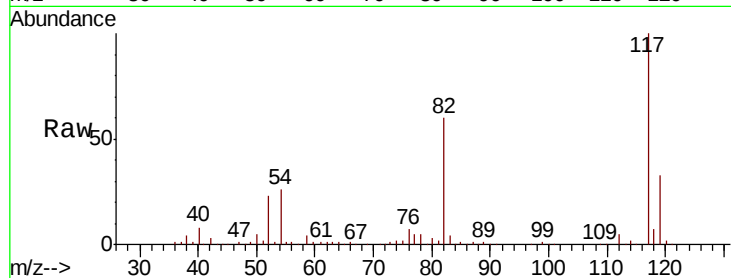




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

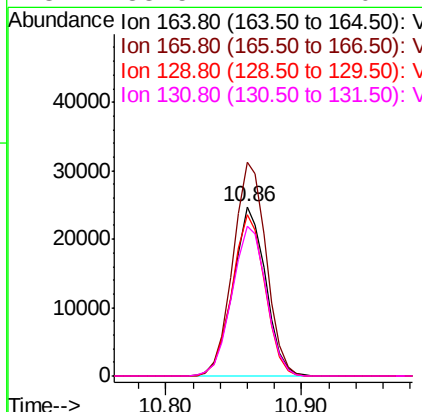
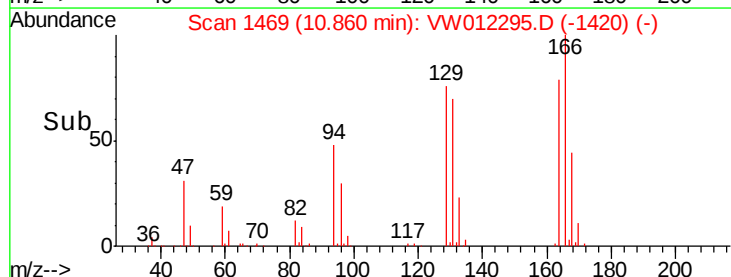
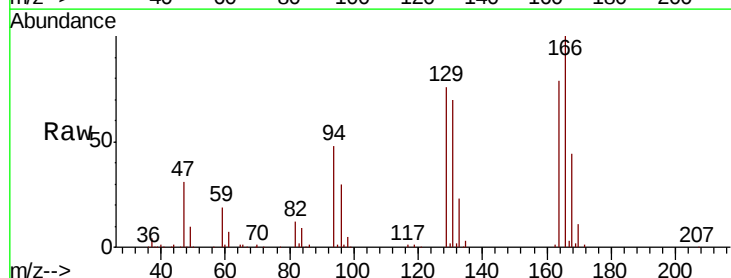
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

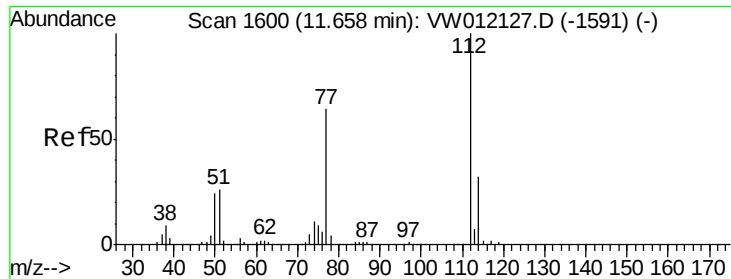
Tgt Ion:117 Resp: 314077
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.8 25.4 38.2



#64
Tetrachloroethene
Concen: 20.245 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Tgt Ion:164 Resp: 41223
Ion Ratio Lower Upper
164 100
166 126.1 102.4 153.6
129 95.6 75.8 113.6
131 88.5 71.4 107.2

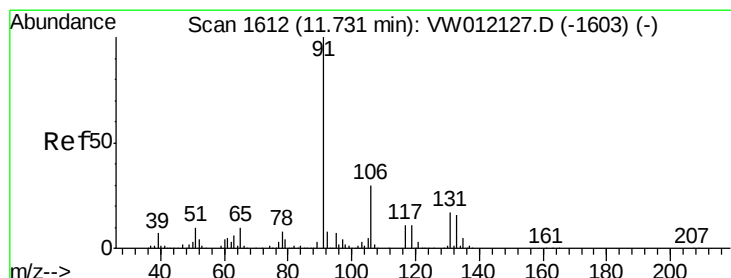
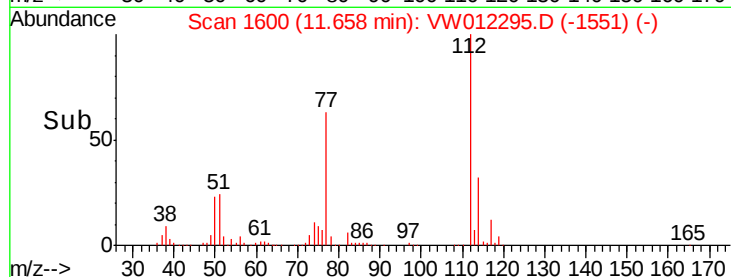
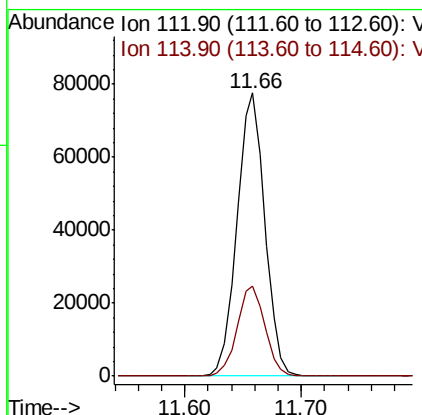
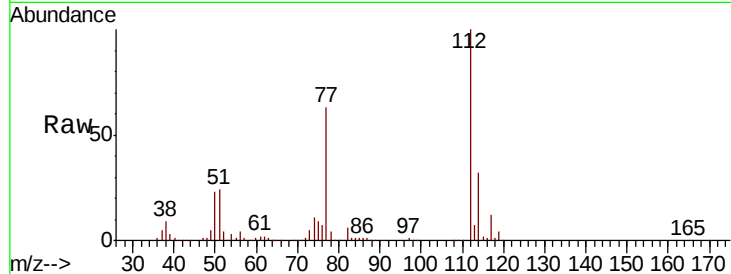




#65
Chlorobenzene
Concen: 20.881 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

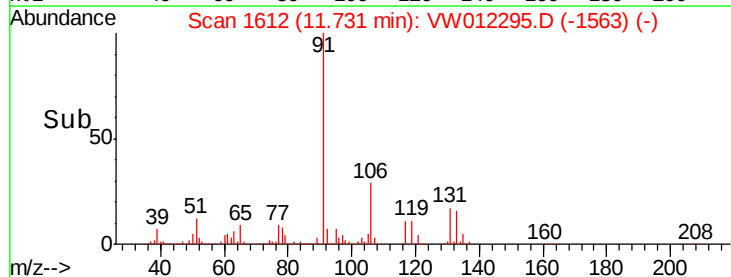
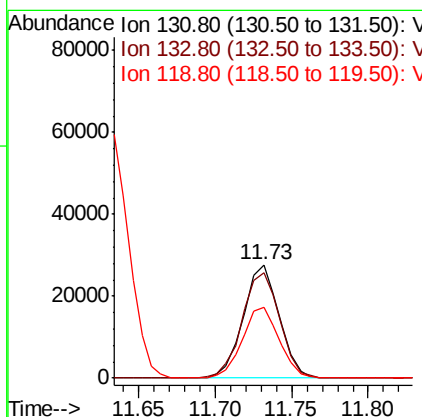
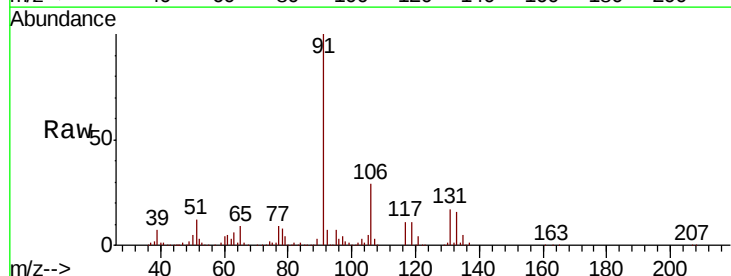
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

Tgt Ion:112 Resp: 129140
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.815 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Tgt Ion:131 Resp: 44909
Ion Ratio Lower Upper
131 100
133 97.7 47.1 141.3
119 64.9 31.8 95.3

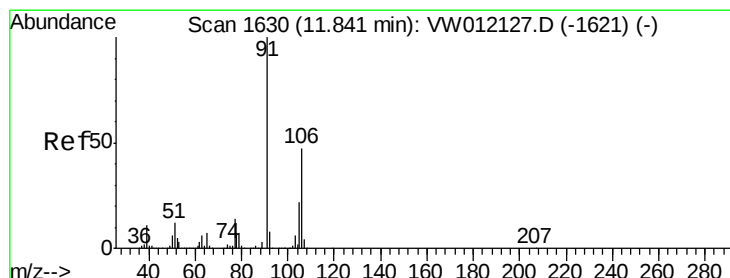
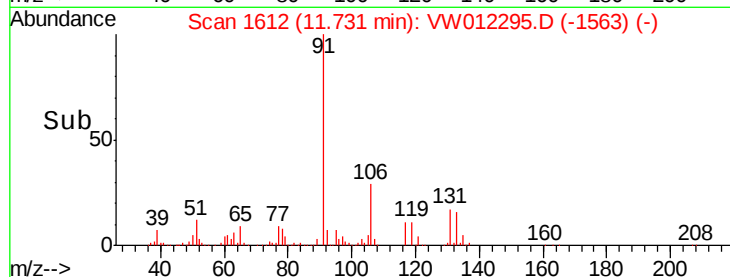
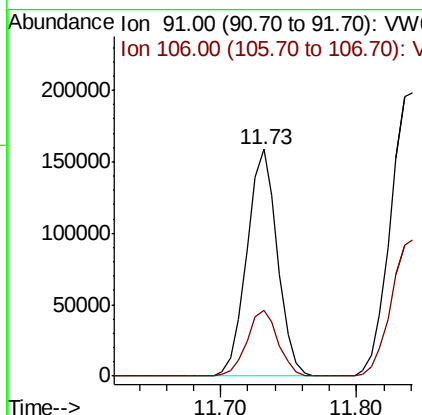
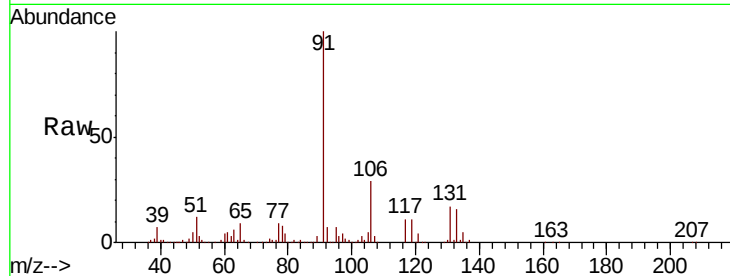




#67
Ethyl Benzene
Concen: 20.932 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

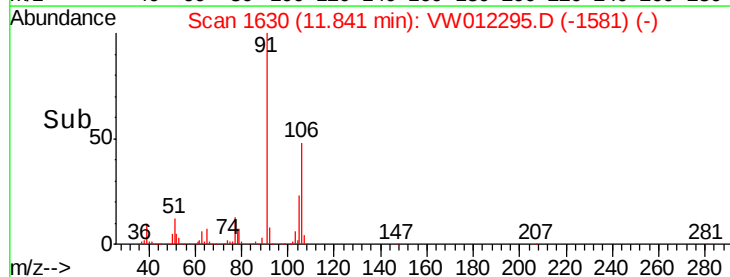
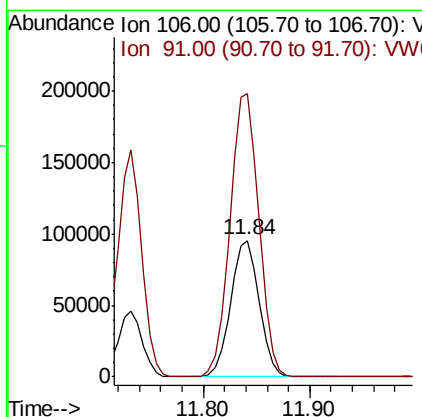
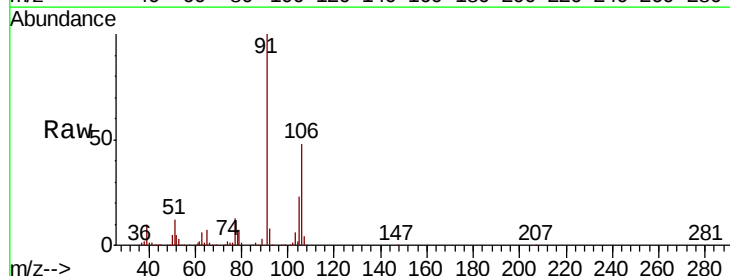
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

Tgt Ion: 91 Resp: 249374
Ion Ratio Lower Upper
91 100
106 29.3 24.3 36.5



#68
m/p-Xylenes
Concen: 41.824 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Tgt Ion: 106 Resp: 179478
Ion Ratio Lower Upper
106 100
91 209.8 169.5 254.3

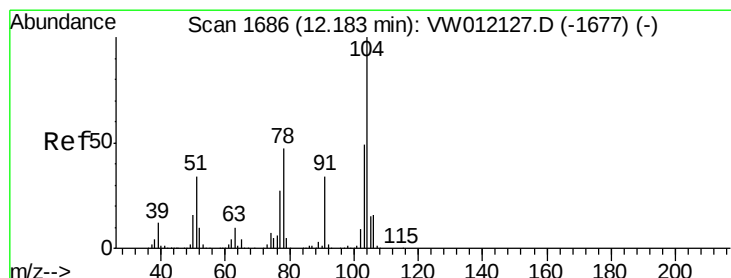
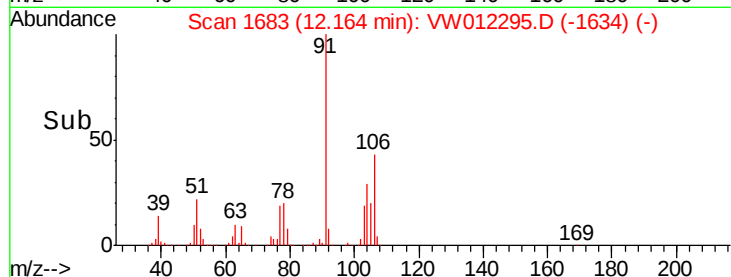
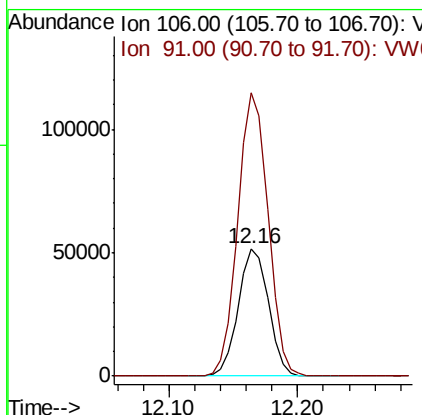
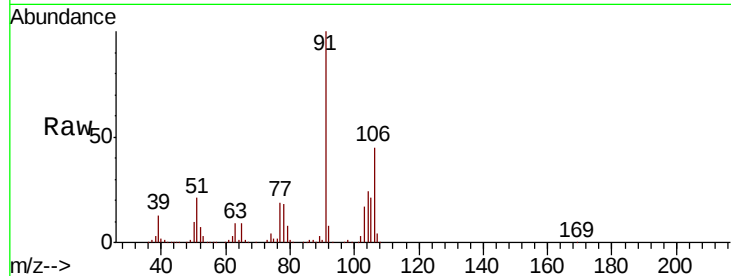




#69
o-Xylene
Concen: 21.068 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

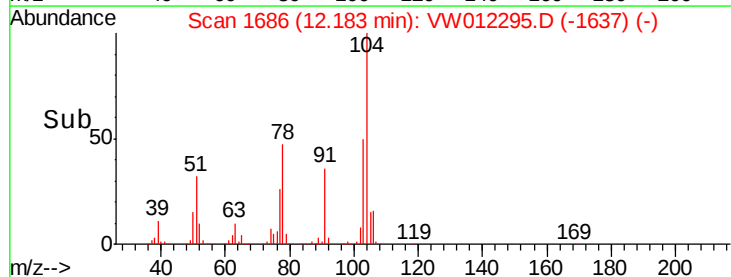
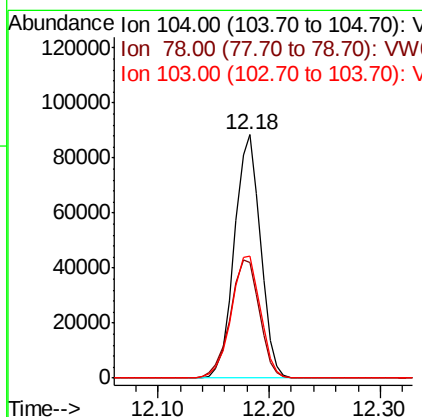
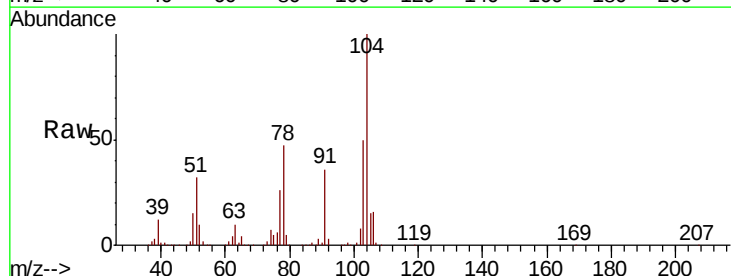
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

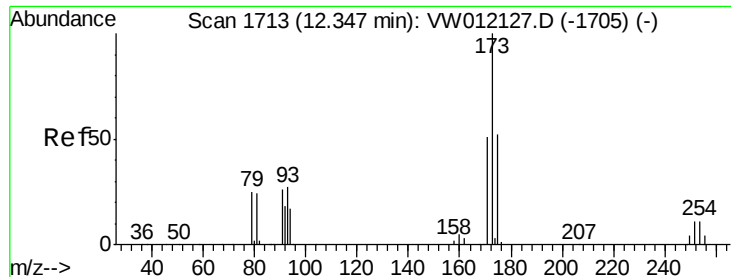
Tgt Ion:106 Resp: 83678
Ion Ratio Lower Upper
106 100
91 223.8 111.6 334.6



#70
Styrene
Concen: 20.937 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Tgt Ion:104 Resp: 143934
Ion Ratio Lower Upper
104 100
78 54.2 43.1 64.7
103 55.8 43.5 65.3





#71

Bromoform

Concen: 21.542 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

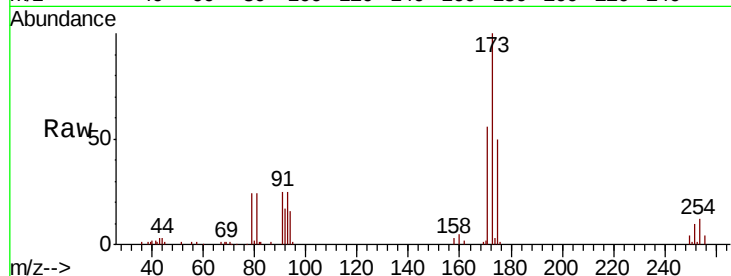
Tgt Ion:173 Resp: 23156

Ion Ratio Lower Upper

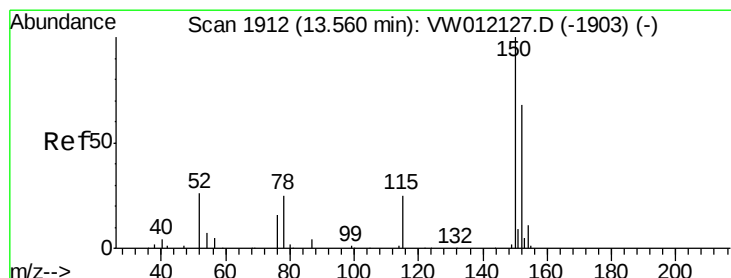
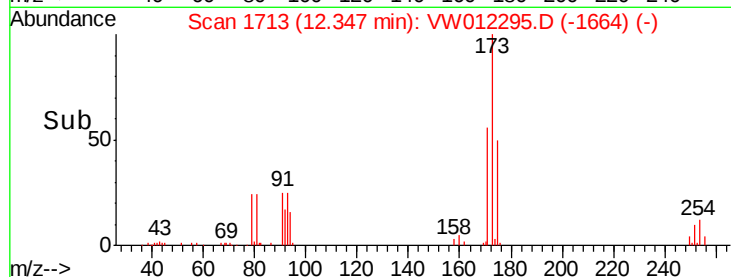
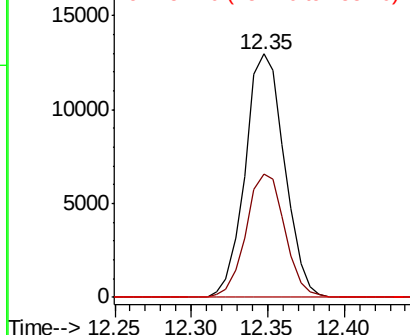
173 100

175 49.9 24.6 74.0

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

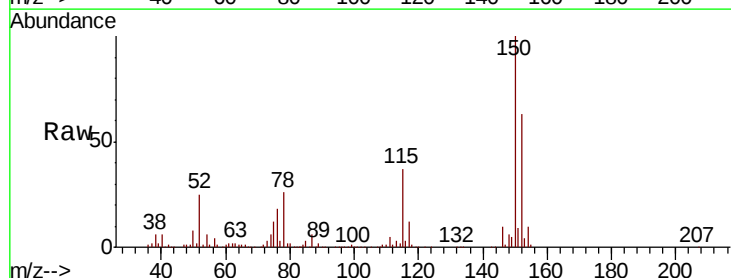
Tgt Ion:152 Resp: 150397

Ion Ratio Lower Upper

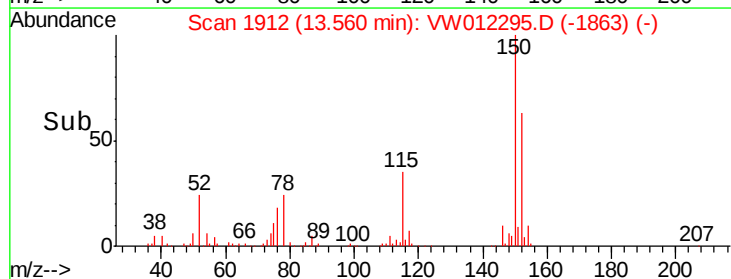
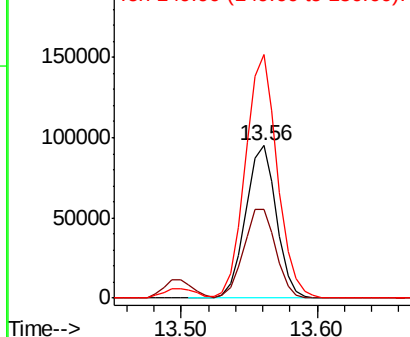
152 100

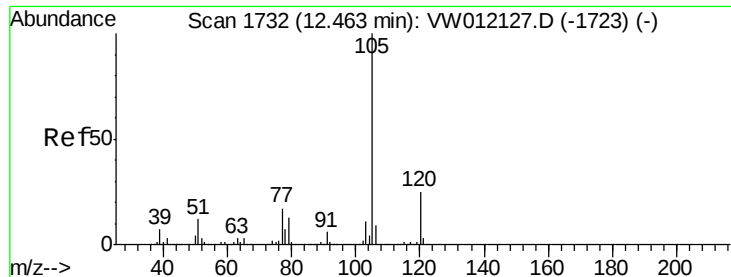
115 61.0 30.1 90.3

150 165.2 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.077 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

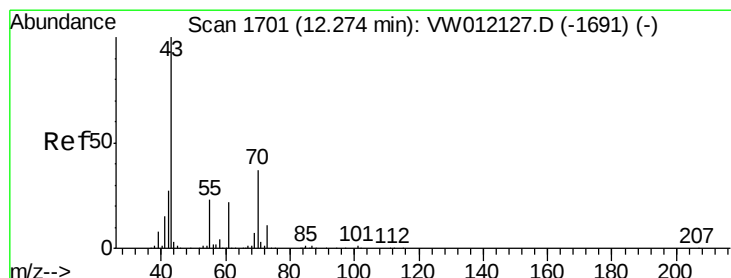
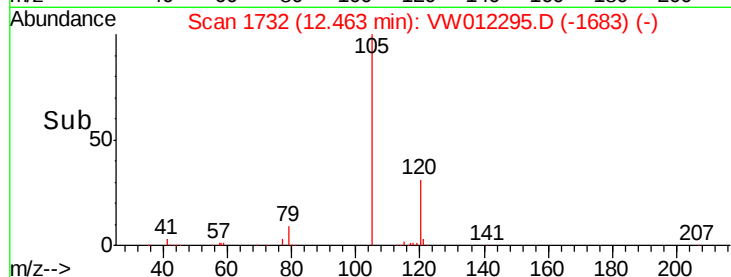
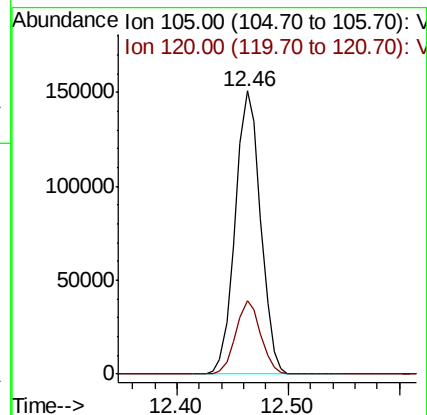
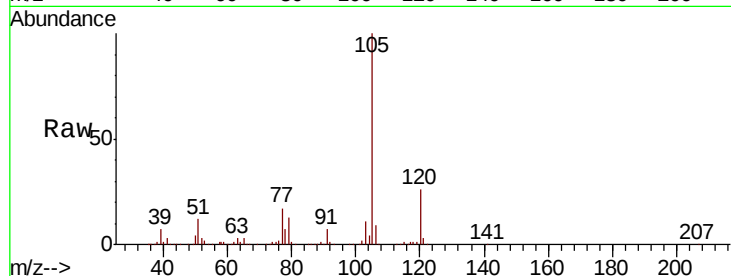
VW0829SBSD01

Tgt Ion: 105 Resp: 237529

Ion Ratio Lower Upper

105 100

120 25.5 12.5 37.5



#74

N-ethyl acetate

Concen: 23.525 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Tgt Ion: 43 Resp: 80097

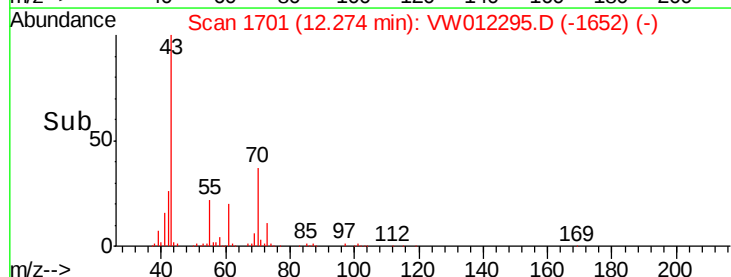
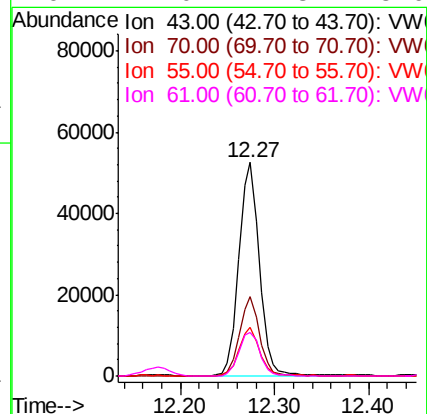
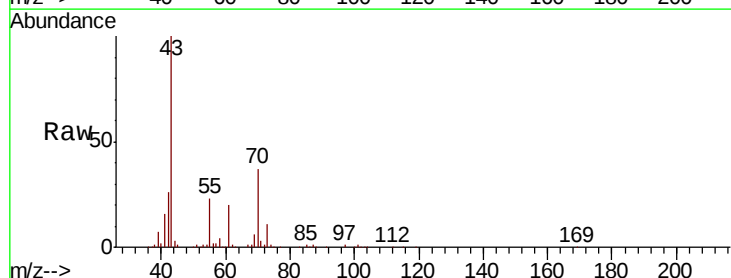
Ion Ratio Lower Upper

43 100

70 35.7 28.6 43.0

55 22.5 17.8 26.6

61 21.0 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.554 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

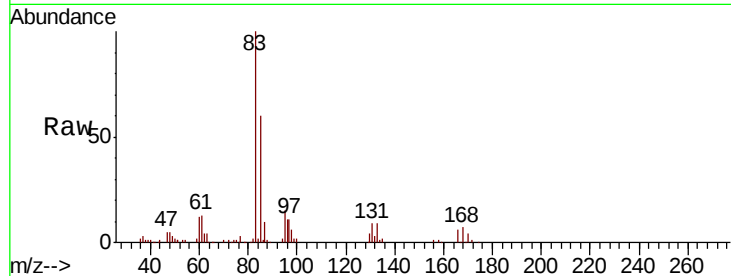
Tgt Ion: 83 Resp: 46598

Ion Ratio Lower Upper

83 100

131 10.3 4.9 14.7

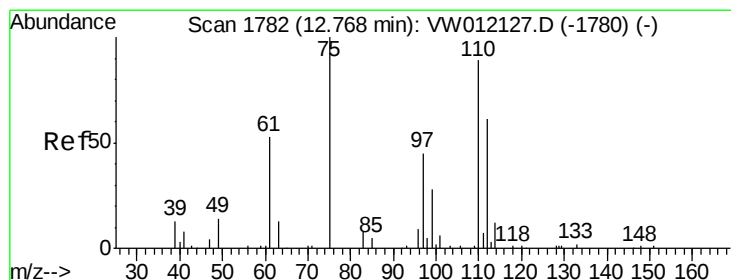
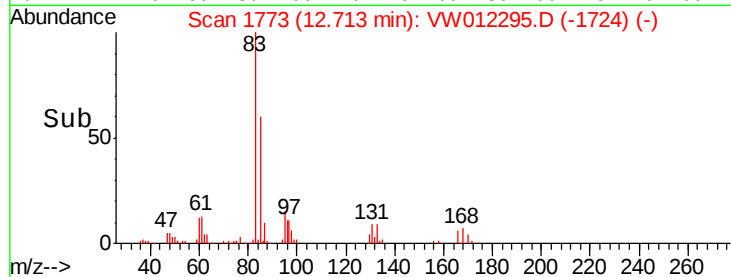
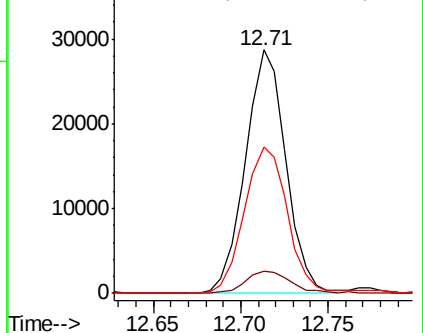
85 63.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 42.668 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012295.D

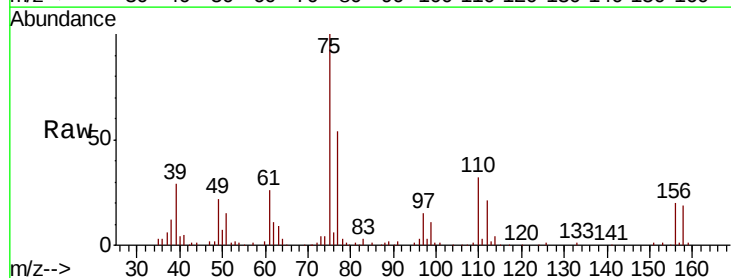
Acq: 29 Aug 2019 11:45

Tgt Ion: 75 Resp: 62499

Ion Ratio Lower Upper

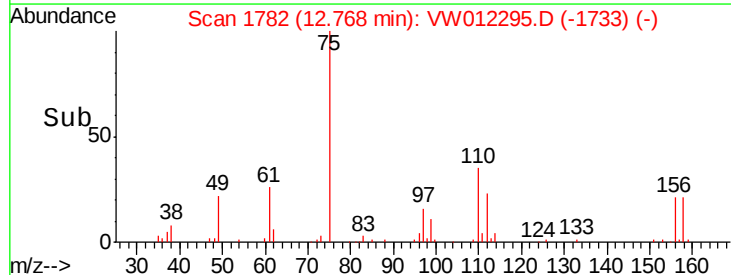
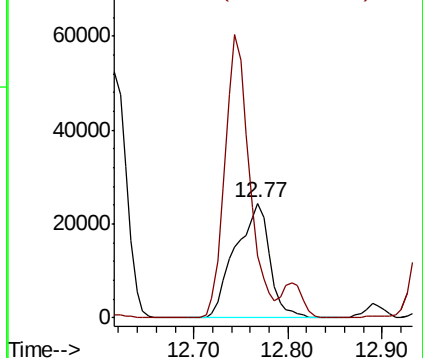
75 100

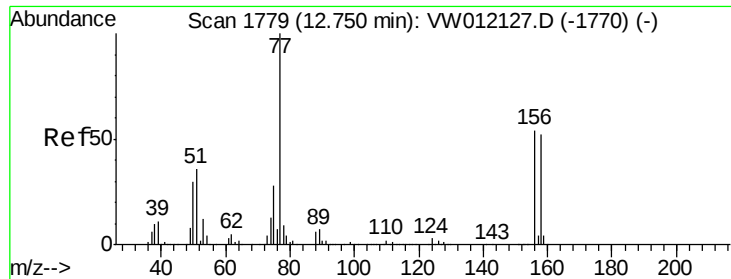
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.301 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

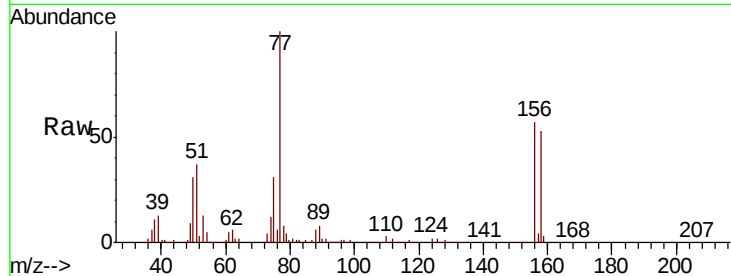
Tgt Ion:156 Resp: 51933

Ion Ratio Lower Upper

156 100

77 212.0 107.3 321.8

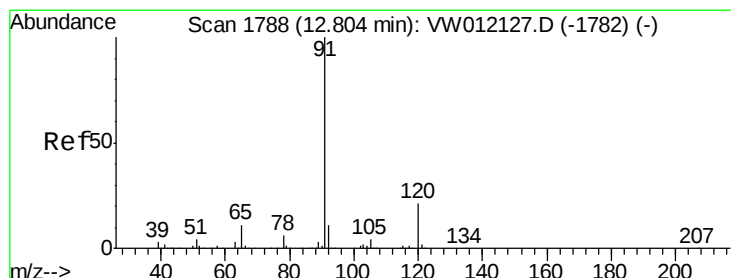
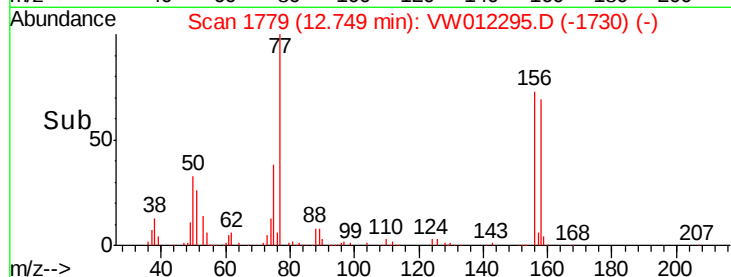
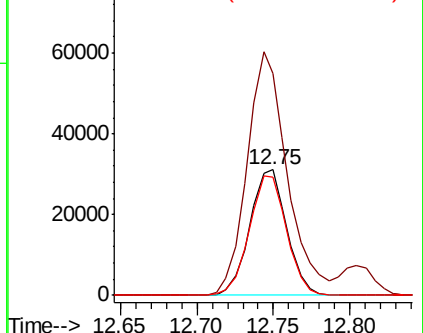
158 96.3 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.925 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012295.D

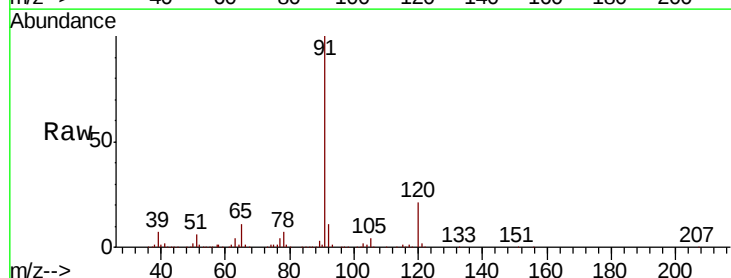
Acq: 29 Aug 2019 11:45

Tgt Ion: 91 Resp: 287884

Ion Ratio Lower Upper

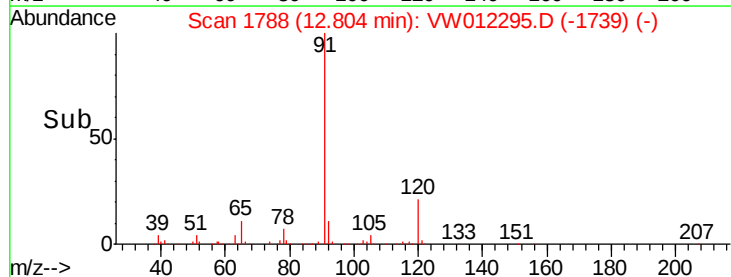
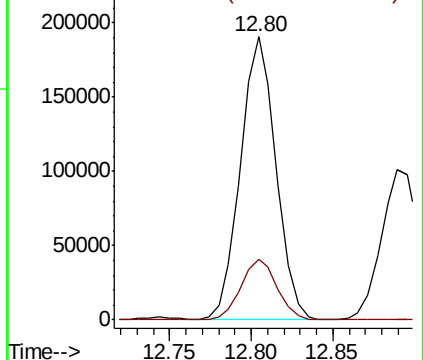
91 100

120 21.6 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: 21.031 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

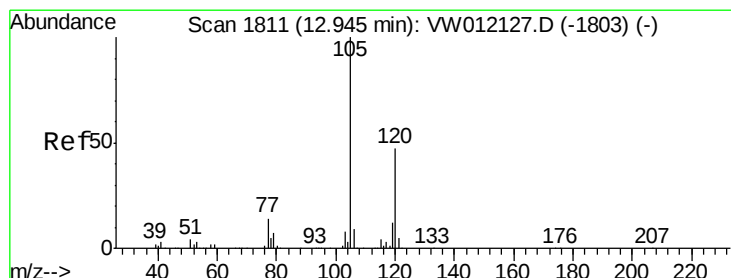
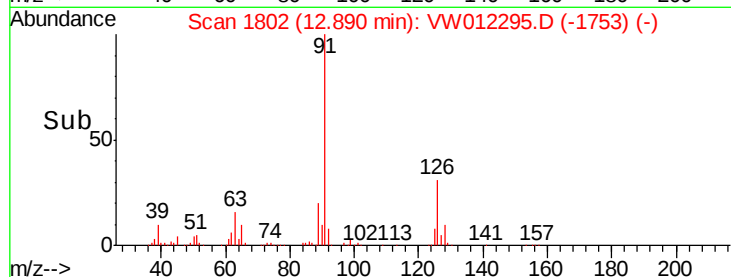
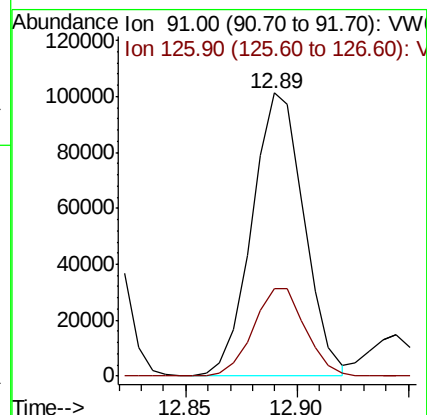
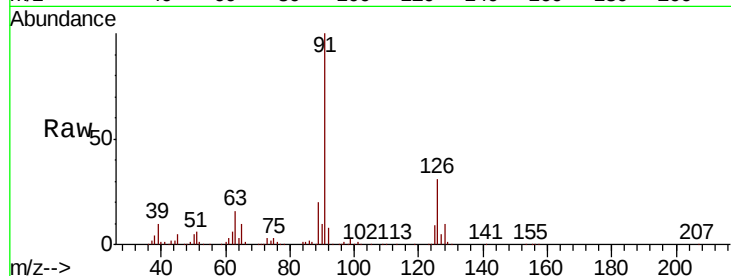
VW0829SBSD01

Tgt Ion: 91 Resp: 164270

Ion Ratio Lower Upper

91 100

126 31.2 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 21.058 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012295.D

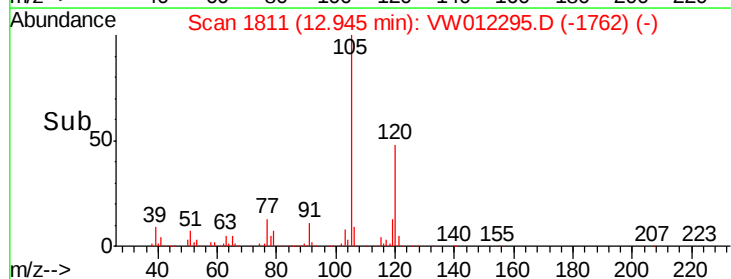
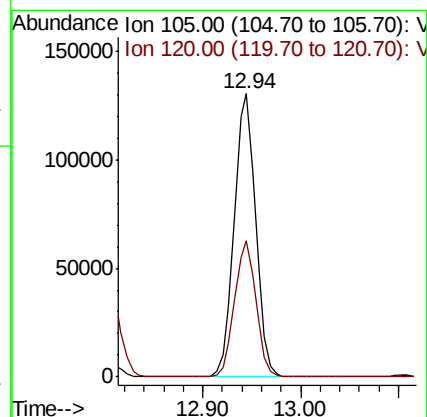
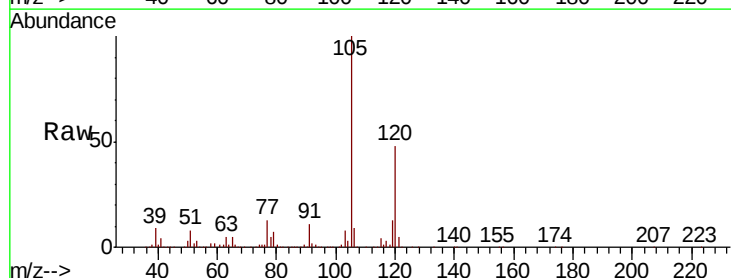
Acq: 29 Aug 2019 11:45

Tgt Ion: 105 Resp: 198302

Ion Ratio Lower Upper

105 100

120 48.1 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 22.397 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

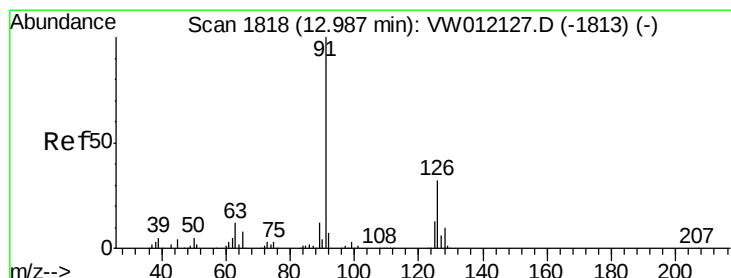
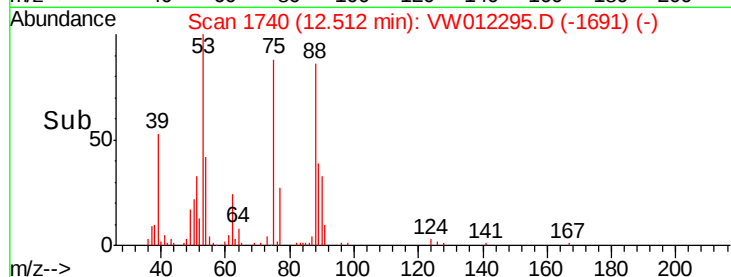
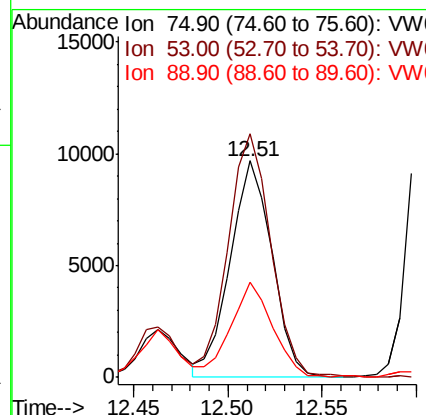
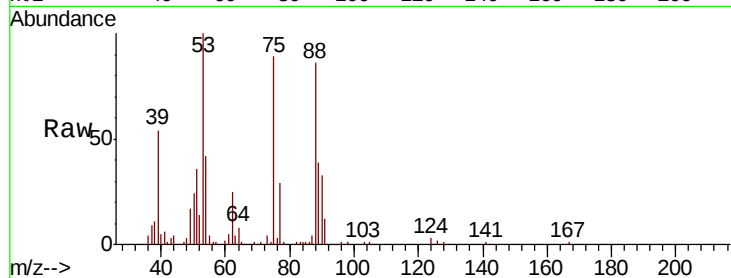
Tgt Ion: 75 Resp: 14963

Ion Ratio Lower Upper

75 100

53 115.3 89.4 134.0

89 44.1 34.5 51.7



#82

4-Chlorotoluene

Concen: 20.853 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012295.D

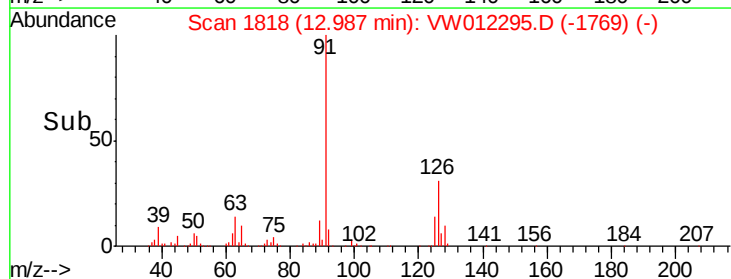
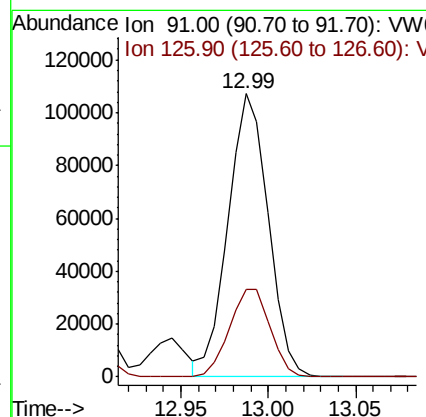
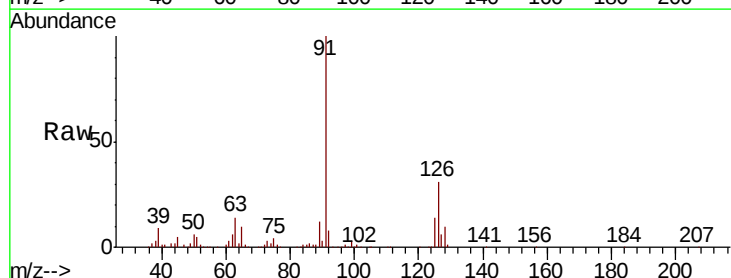
Acq: 29 Aug 2019 11:45

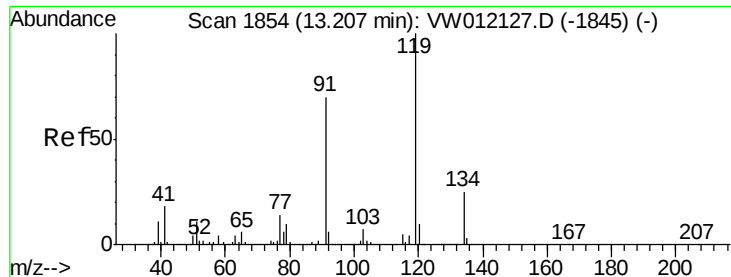
Tgt Ion: 91 Resp: 170547

Ion Ratio Lower Upper

91 100

126 31.7 15.6 46.8

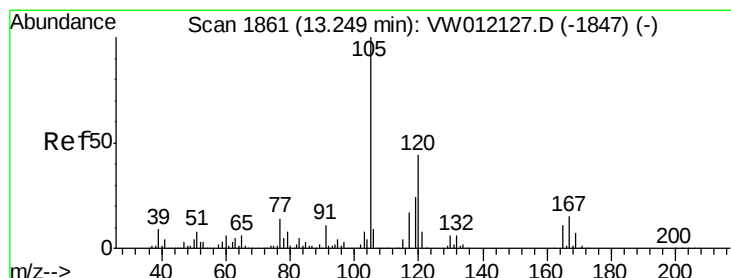
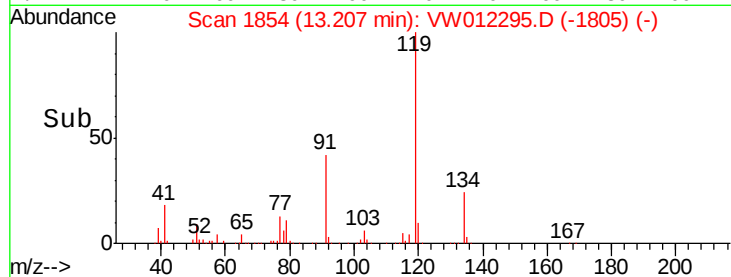
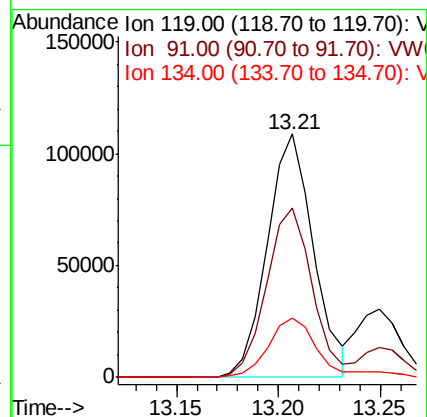
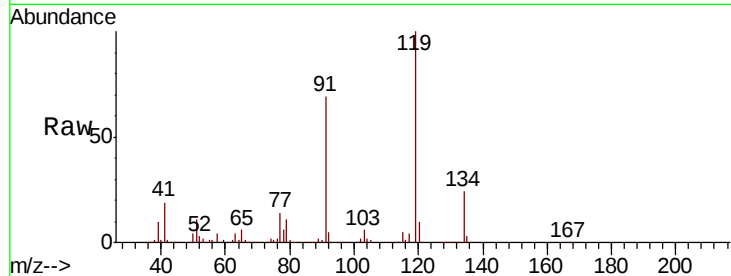




#83
 tert-Butylbenzene
 Concen: 21.482 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

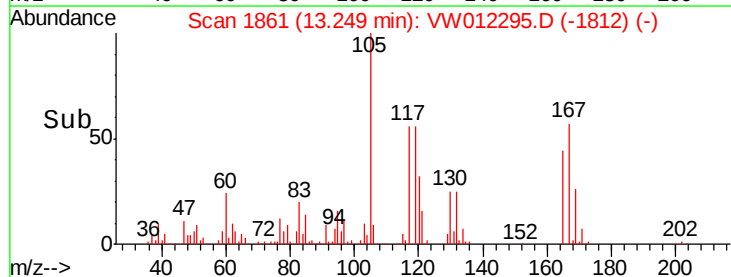
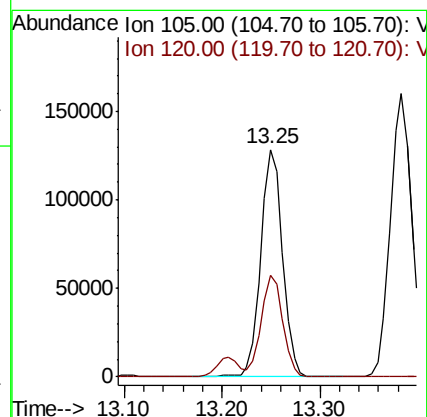
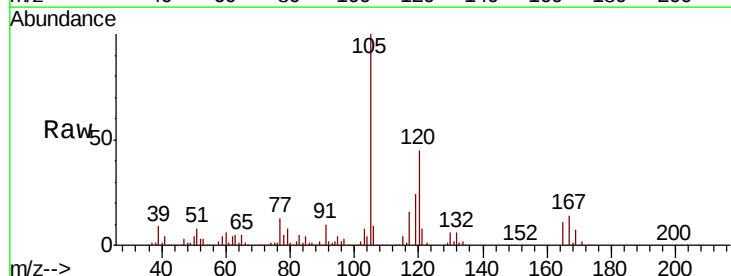
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

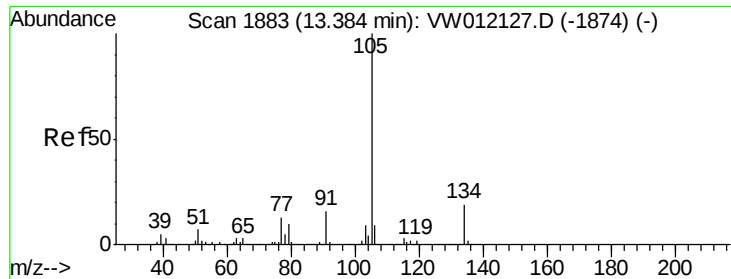
Tgt Ion:119 Resp: 171354
 Ion Ratio Lower Upper
 119 100
 91 68.9 34.8 104.3
 134 26.6 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.101 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

Tgt Ion:105 Resp: 199598
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.9 65.7

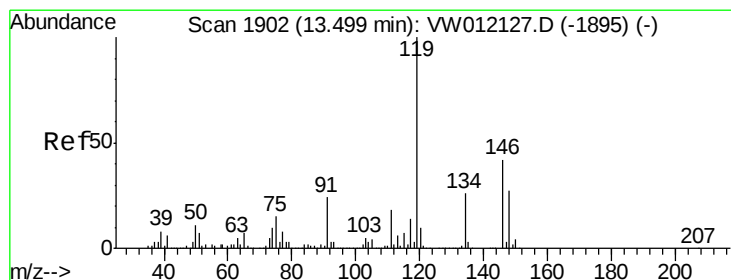
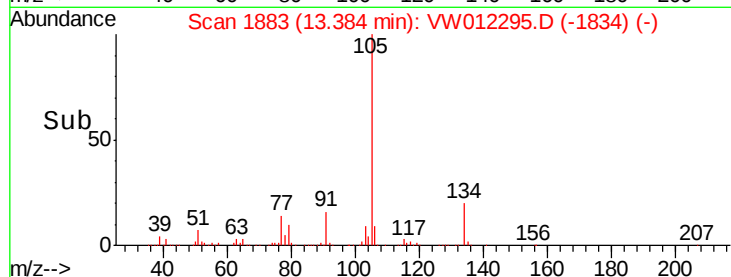
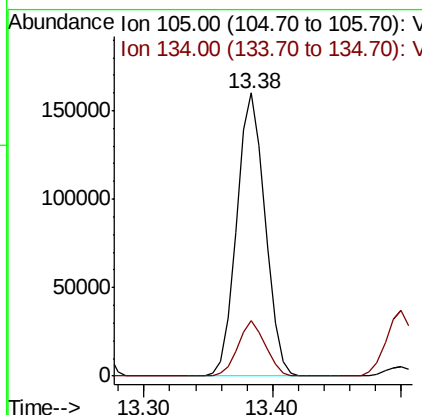
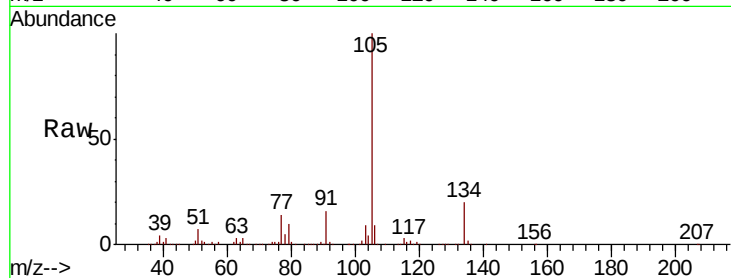




#85
 sec-Butylbenzene
 Concen: 21.349 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

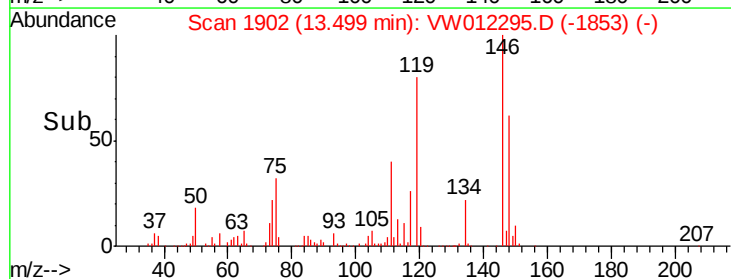
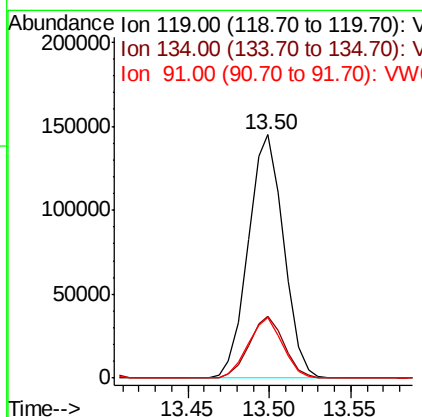
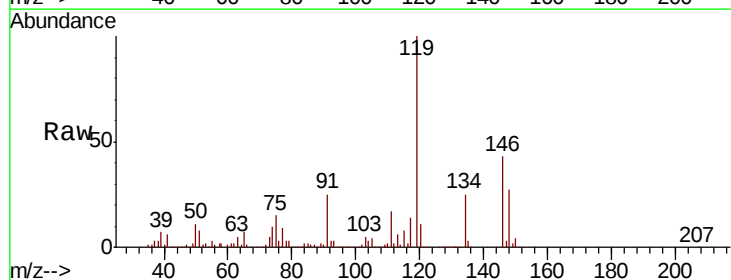
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

Tgt Ion:105 Resp: 243980
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.353 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

Tgt Ion:119 Resp: 217929
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.3
 91 24.3 12.3 36.9

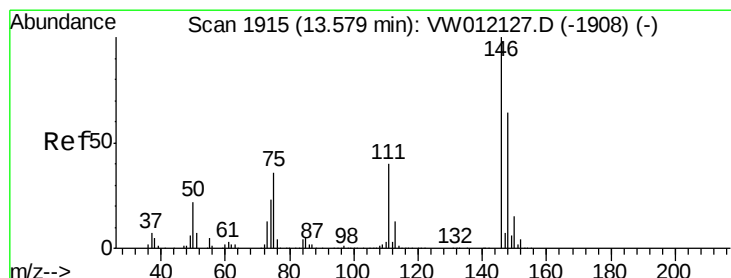
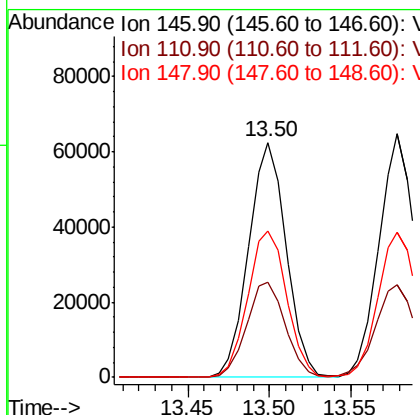
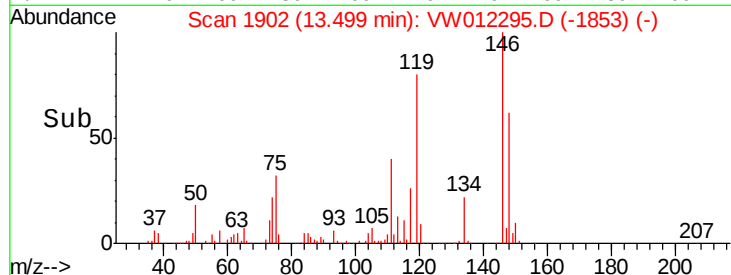
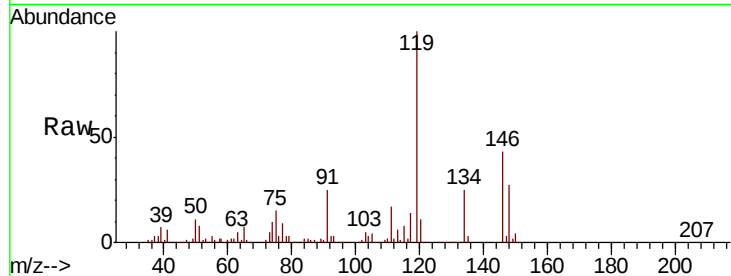




#87
 1,3-Dichlorobenzene
 Concen: 20.999 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

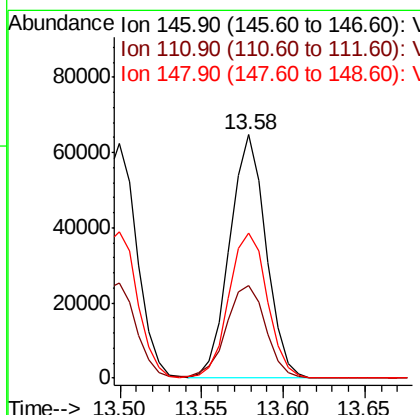
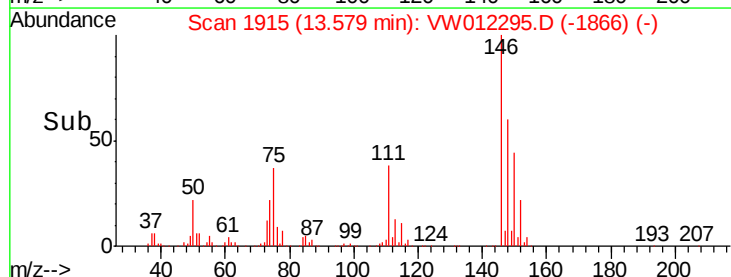
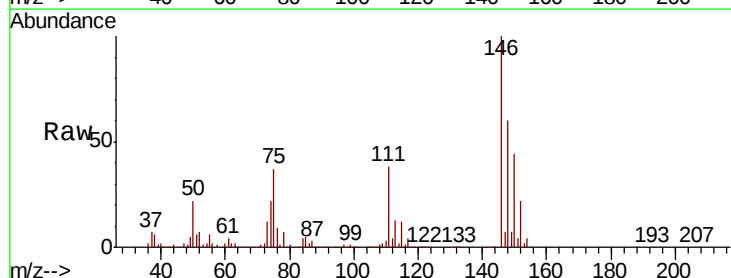
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

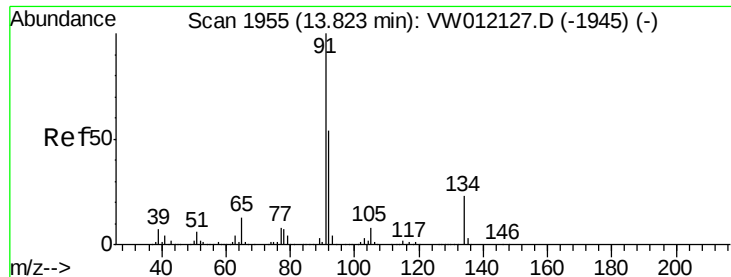
Tgt Ion:146 Resp: 100136
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.9 62.7
 148 64.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 21.200 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

Tgt Ion:146 Resp: 100381
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.0 60.0
 148 63.3 32.1 96.3





#89

n-Butylbenzene

Concen: 21.183 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012295.D

Acq: 29 Aug 2019 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

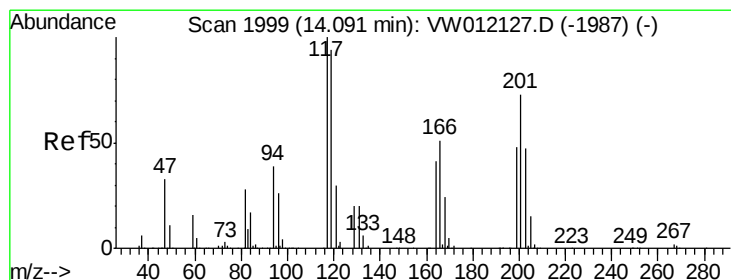
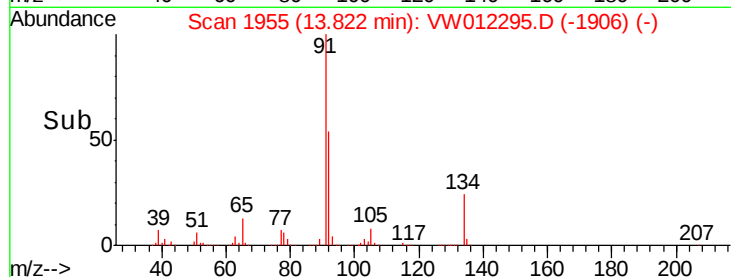
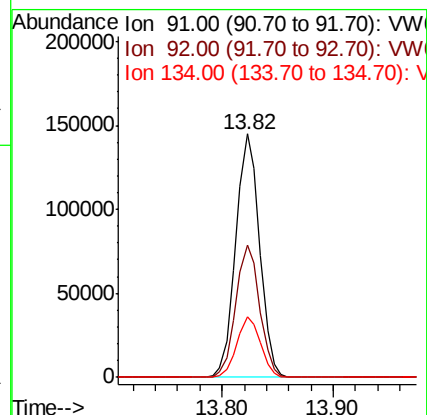
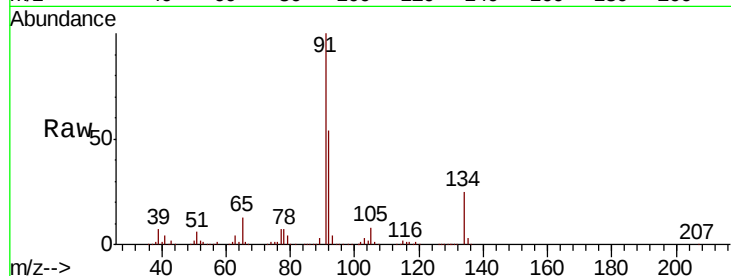
Tgt Ion: 91 Resp: 214992

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.2

134 24.6 12.2 36.4



#90

Hexachloroethane

Concen: 20.514 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012295.D

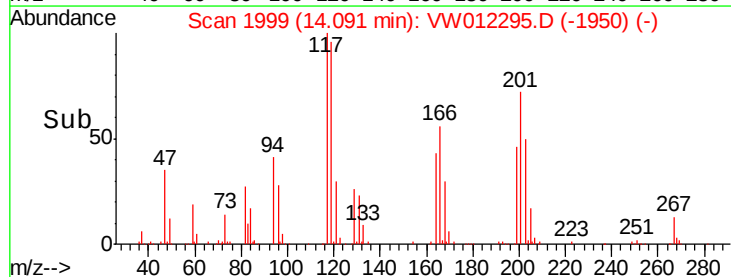
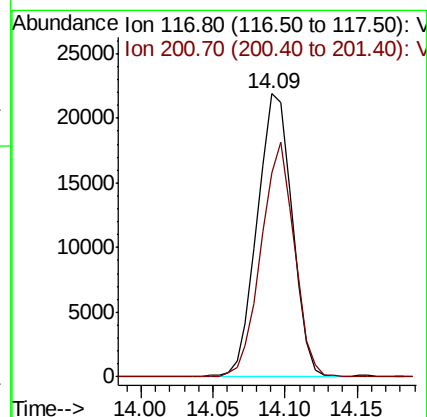
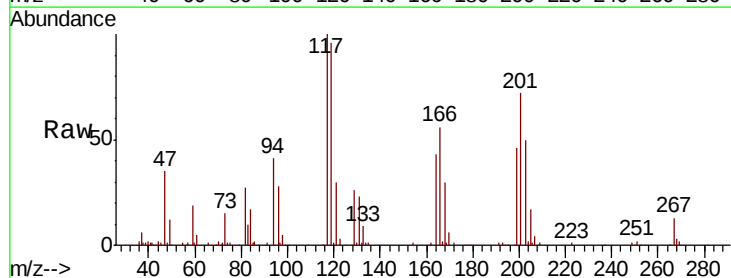
Acq: 29 Aug 2019 11:45

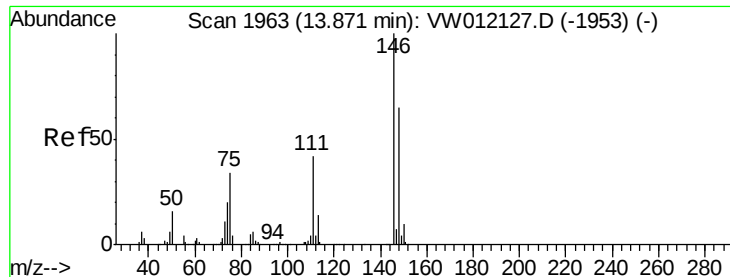
Tgt Ion: 117 Resp: 36732

Ion Ratio Lower Upper

117 100

201 78.6 38.6 115.7

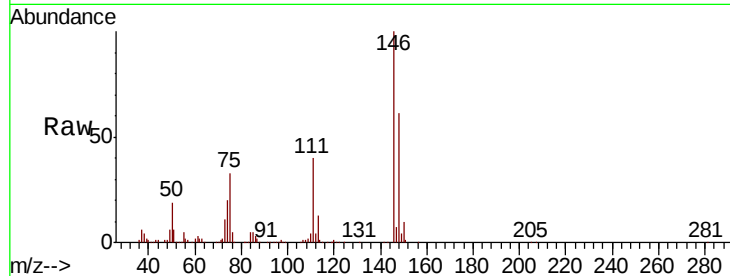




#91
 1,2-Dichlorobenzene
 Concen: 21.847 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.2	63.6
148	62.2	32.5	97.4

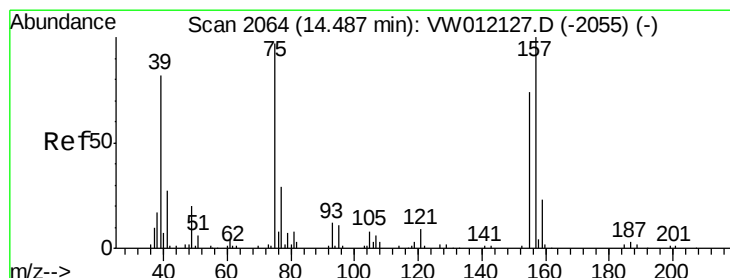
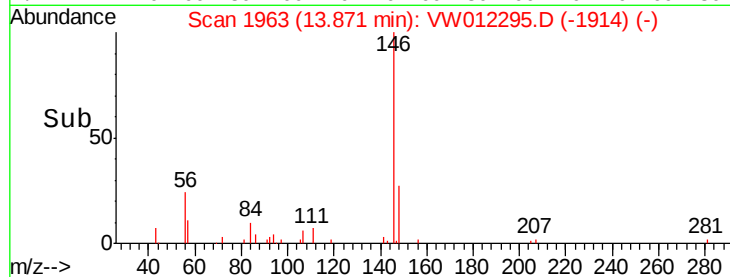
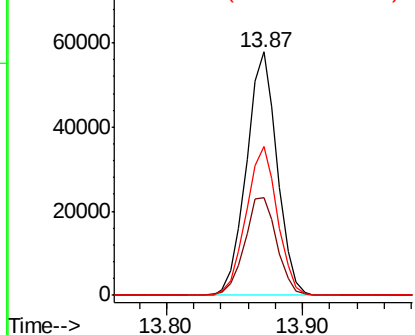


Abundance

Ion 145.90 (145.60 to 146.60): V

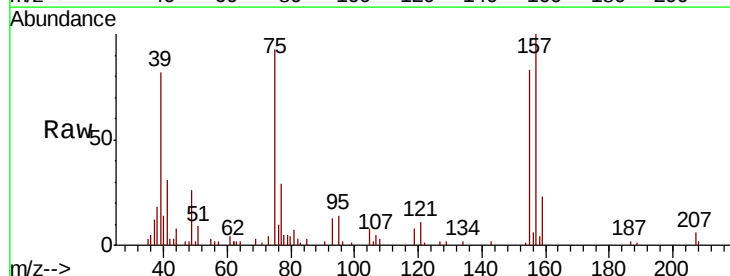
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.552 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.0	37.5	112.3
157	101.5	50.5	151.5

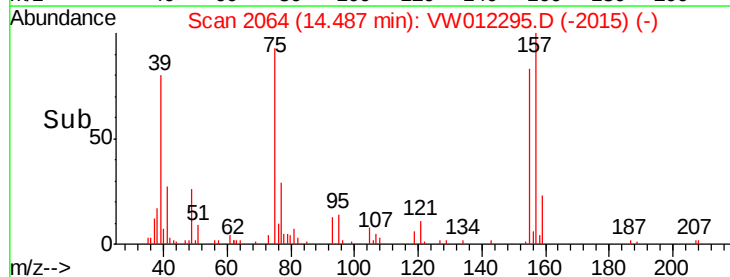
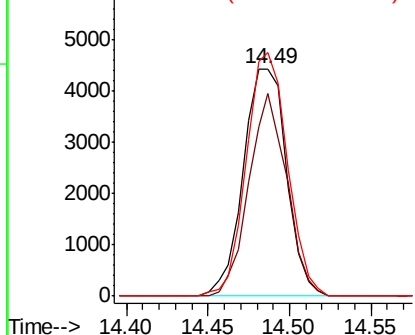


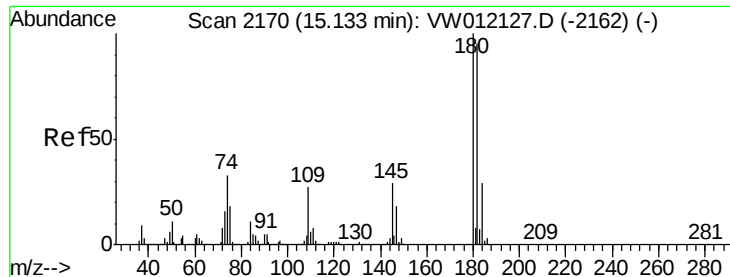
Abundance

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

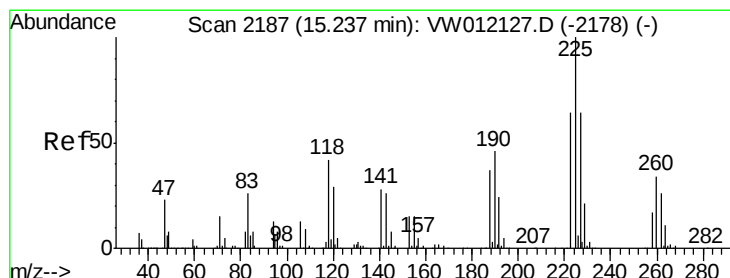
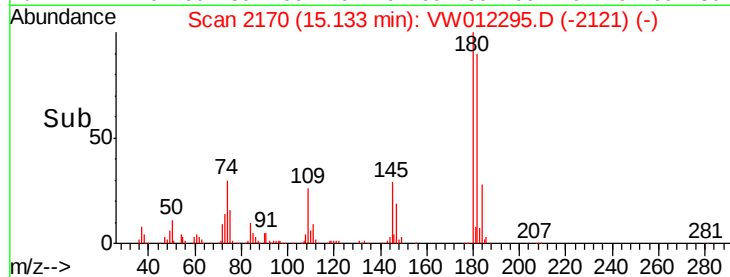
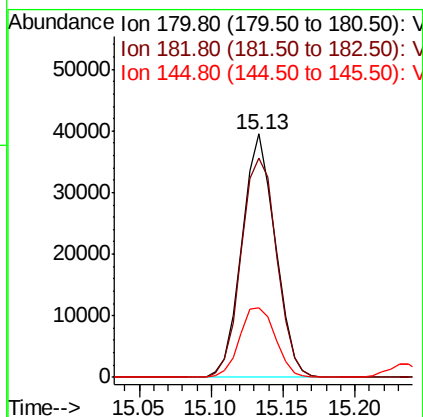
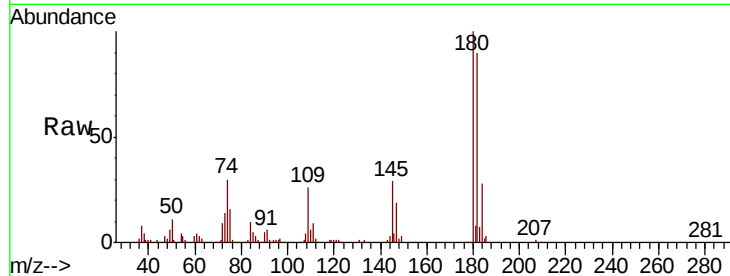




#93
 1,2,4-Trichlorobenzene
 Concen: 21.994 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

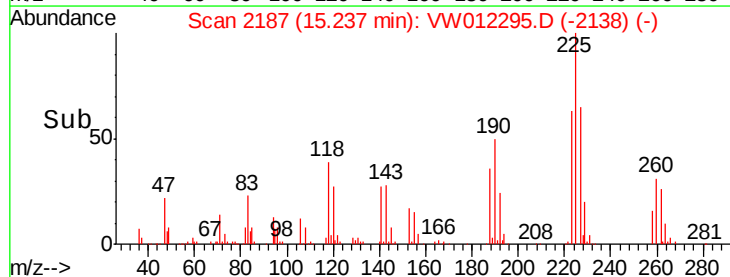
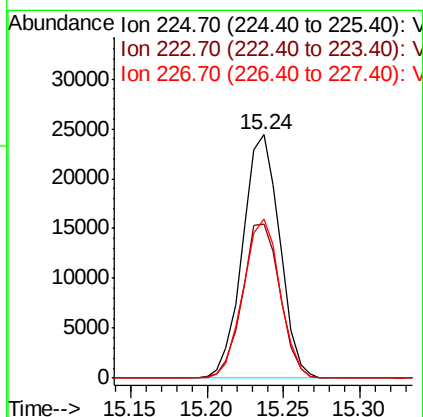
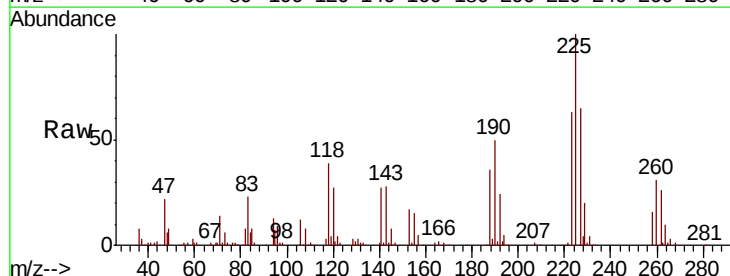
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

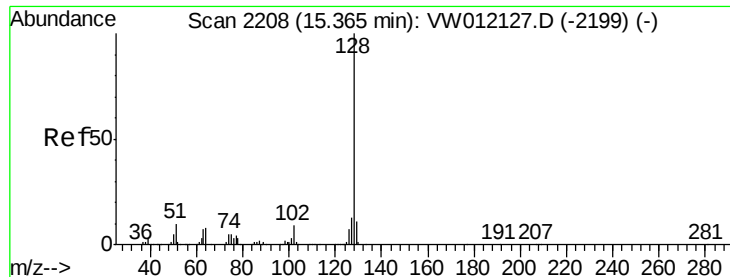
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	63585		
182	96.3		47.8	143.4
145	30.8		15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 21.578 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012295.D
 Acq: 29 Aug 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	41191		
223	64.0		32.3	96.8
227	64.8		32.9	98.6

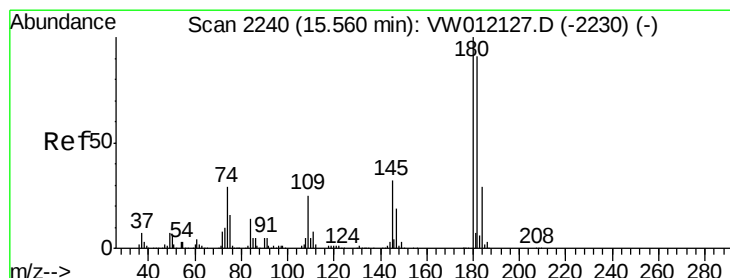
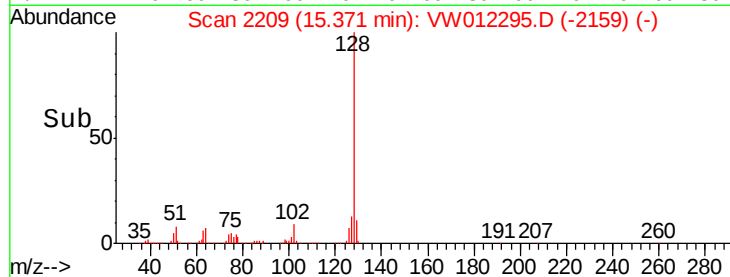
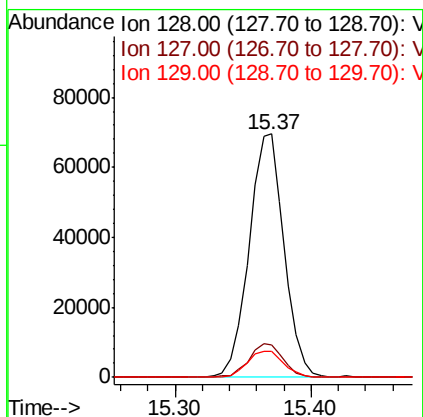
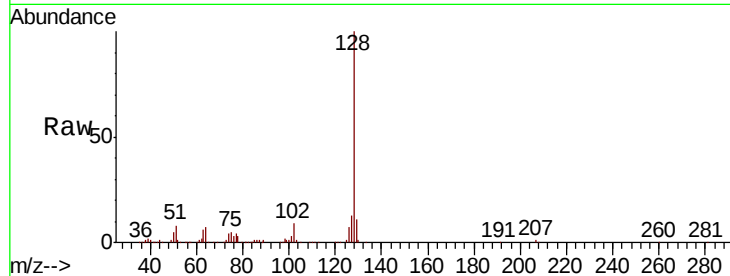




#95
Naphthalene
Concen: 24.450 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	11.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.730 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW012295.D
Acq: 29 Aug 2019 11:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.1	141.3
145	32.1	16.2	48.5

