

Data File : VW012101.D
Acq On : 22 Aug 2019 11:06
Operator : SY/VA
Sample : VW0822SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

Quant Time: Aug 23 07:57:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	379257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136130	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	7.88	113	110937	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	10.32	98	444999	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.62	95	158998	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27855	21.208	ug/l	93
3) Chloromethane	2.21	50	46188	20.280	ug/l	99
4) Vinyl Chloride	2.36	62	57031	20.799	ug/l	99
5) Bromomethane	2.76	94	29128	19.192	ug/l	96
6) Chloroethane	2.92	64	32570	20.795	ug/l	98
7) Trichlorofluoromethane	3.25	101	27976	22.830	ug/l	99
8) Diethyl Ether	3.68	74	27691	19.930	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50020	21.518	ug/l	99
10) Methyl Iodide	4.27	142	66067	20.111	ug/l	99
11) Tert butyl alcohol	5.17	59	18548	80.805	ug/l	97
12) 1,1-Dichloroethene	4.04	96	49870	20.318	ug/l	99
13) Acrolein	3.90	56	10417	53.647	ug/l	99
14) Allyl chloride	4.67	41	105094	20.132	ug/l	99
15) Acrylonitrile	5.36	53	69999	100.925	ug/l	98
16) Acetone	4.12	43	67277	78.154	ug/l	100
17) Carbon Disulfide	4.38	76	137428	17.890	ug/l	98
18) Methyl Acetate	4.67	43	40519	20.953	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	82714	21.237	ug/l	95
20) Methylene Chloride	4.91	84	59233	19.952	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	54152	20.464	ug/l	97
22) Diisopropyl ether	6.31	45	207656	21.099	ug/l	98
23) Vinyl Acetate	6.25	43	615035	99.449	ug/l	100
24) 1,1-Dichloroethane	6.21	63	111232	21.102	ug/l	100
25) 2-Butanone	7.17	43	99576	88.401	ug/l	99
26) 2,2-Dichloropropane	7.16	77	59942	18.491	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	59081	20.287	ug/l	99
28) Bromochloromethane	7.51	49	50204	21.458	ug/l	100
29) Tetrahydrofuran	7.53	42	64729	100.531	ug/l	98
30) Chloroform	7.67	83	101181	20.806	ug/l	100
31) Cyclohexane	7.95	56	101650	20.089	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	80066	21.619	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83125	21.079	ug/l	100
37) Ethyl Acetate	7.25	43	45291	19.962	ug/l	98
38) Carbon Tetrachloride	8.07	117	71713	21.242	ug/l	96

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	89767	20.672	ug/l	98
40) Benzene	8.32	78	230049	20.826	ug/l	98
41) Methacrylonitrile	7.48	41	26559	19.583	ug/l	99
42) 1,2-Dichloroethane	8.40	62	72522	20.970	ug/l	99
43) Isopropyl Acetate	8.43	43	84519	20.256	ug/l	99
44) Trichloroethene	9.09	130	55130	20.765	ug/l	96
45) 1,2-Dichloropropane	9.37	63	62461	21.133	ug/l	100
46) Dibromomethane	9.46	93	27744	20.567	ug/l	100
47) Bromodichloromethane	9.65	83	72804	20.574	ug/l	98
48) Methyl methacrylate	9.43	41	38418	19.167	ug/l	95
49) 1,4-Dioxane	9.45	88	8331	426.520	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	215740	99.403	ug/l	100
52) Toluene	10.39	92	139564	20.922	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	72789	19.692	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	88767	20.197	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	39802	20.795	ug/l	98
56) Ethyl methacrylate	10.65	69	55116	19.679	ug/l	97
57) 1,3-Dichloropropane	10.93	76	75092	20.737	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	149227	117.346	ug/l	100
59) 2-Hexanone	10.97	43	146725	95.747	ug/l	100
60) Dibromochloromethane	11.13	129	42165	19.846	ug/l	96
61) 1,2-Dibromoethane	11.23	107	36259	20.018	ug/l	100
64) Tetrachloroethene	10.86	164	45220	20.853	ug/l	95
65) Chlorobenzene	11.66	112	138065	20.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	48673	20.869	ug/l	100
67) Ethyl Benzene	11.73	91	267904	21.008	ug/l	99
68) m/p-Xylenes	11.84	106	193893	41.808	ug/l	99
69) o-Xylene	12.16	106	89842	20.847	ug/l	99
70) Styrene	12.18	104	155523	20.872	ug/l	99
71) Bromoform	12.35	173	23778	19.995	ug/l #	98
73) Isopropylbenzene	12.46	105	251335	21.202	ug/l	100
74) N-amyl acetate	12.27	43	73880	19.907	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46586	20.893	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	60518	35.994	ug/l #	100
77) Bromobenzene	12.75	156	55623	21.229	ug/l	100
78) n-propylbenzene	12.80	91	310312	21.510	ug/l	100
79) 2-Chlorotoluene	12.89	91	176020	21.179	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	213352	21.471	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14003	19.194	ug/l	96
82) 4-Chlorotoluene	12.99	91	186460	21.383	ug/l	100
83) tert-Butylbenzene	13.21	119	178637	21.498	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	214737	21.453	ug/l	99
85) sec-Butylbenzene	13.38	105	258482	21.801	ug/l	100
86) p-Isopropyltoluene	13.50	119	230041	21.384	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	107128	20.852	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	106079	20.757	ug/l	99
89) n-Butylbenzene	13.82	91	224404	20.903	ug/l	99
90) Hexachloroethane	14.09	117	40067	21.063	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	95992	21.126	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7431	19.543	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082219\
Quantitation Report (Not Reviewed)

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	62111	19.395	ug/l	97
94) Hexachlorobutadiene	15.24	225	41962	21.012	ug/l	99
95) Naphthalene	15.36	128	108893	18.708	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	56173	20.011	ug/l	99

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

Data File : VW012101.D

Acq On : 22 Aug 2019 11:06

Operator : SY/VA

Sample : VW0822SBSD01

Misc : 5.00G/5ML/MSVOA_W/SOIL

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ALS Vial      : 5      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

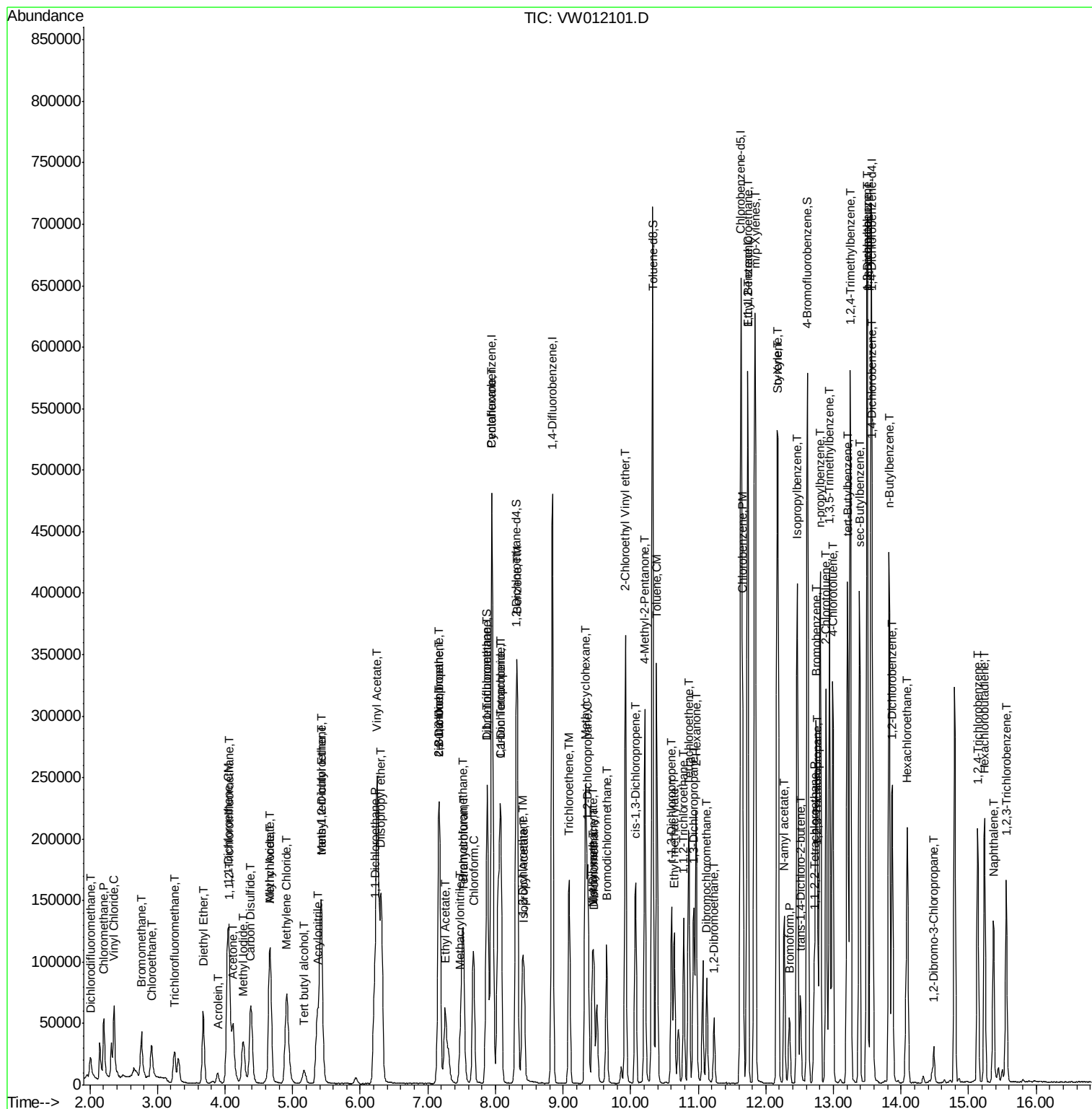
Quant Time: Aug 23 07:57:31 2019

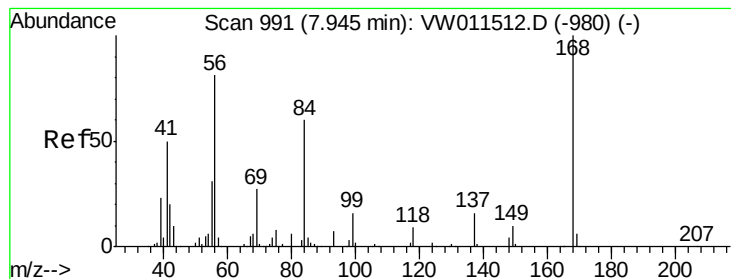
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M

Quant Title : SW846 8260

QLast Update : Sat Jul 27 00:23:30 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

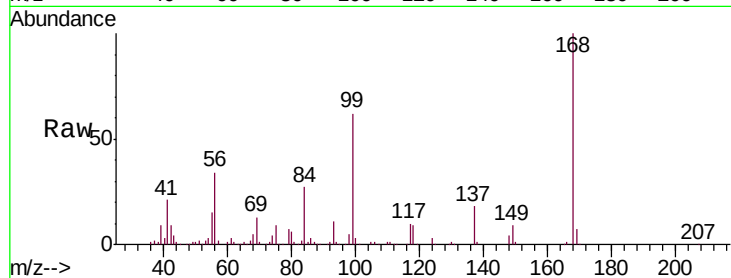
VW0822SBSD01

Tgt Ion: 168 Resp: 235672

Ion Ratio Lower Upper

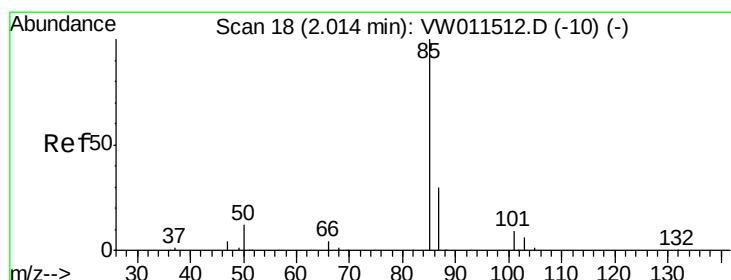
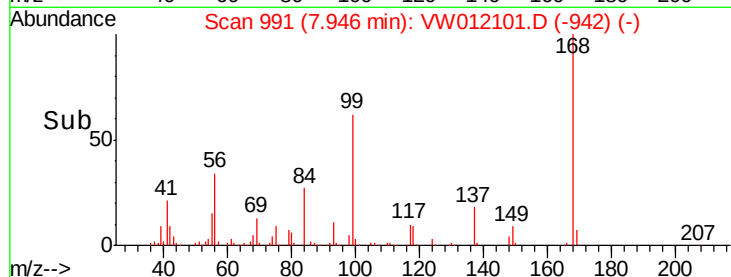
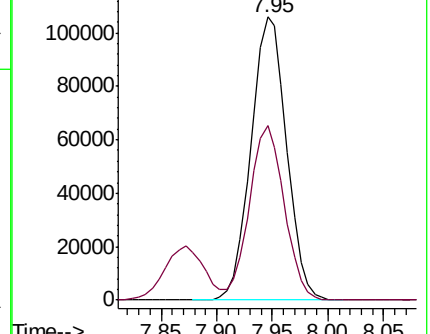
168 100

99 61.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 21.208 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012101.D

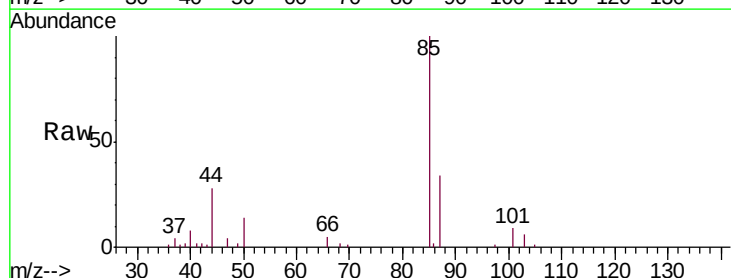
Acq: 22 Aug 2019 11:06

Tgt Ion: 85 Resp: 27855

Ion Ratio Lower Upper

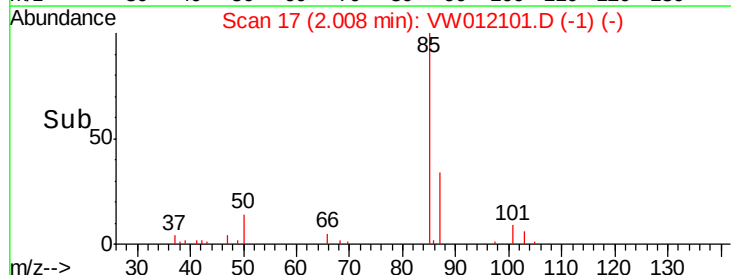
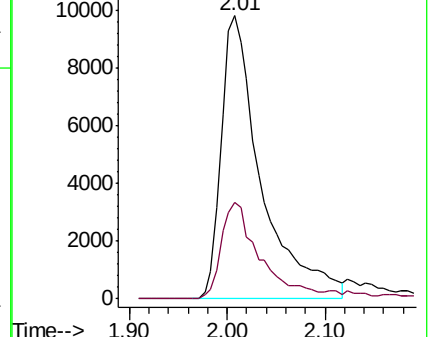
85 100

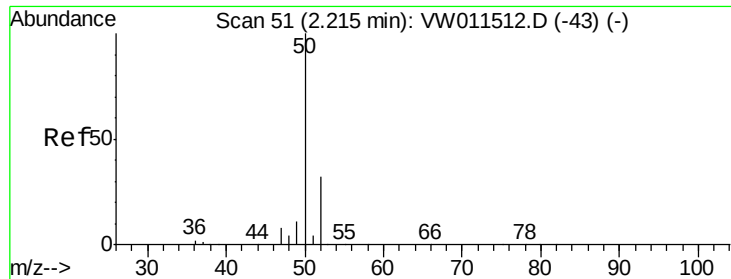
87 34.3 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.280 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

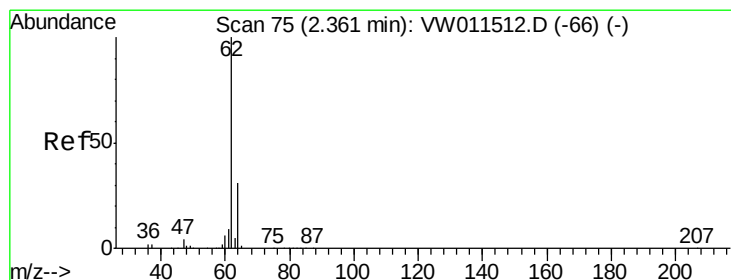
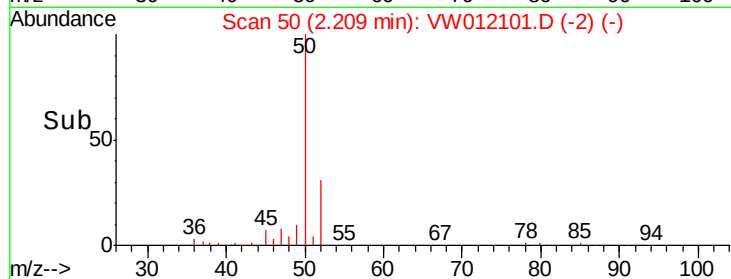
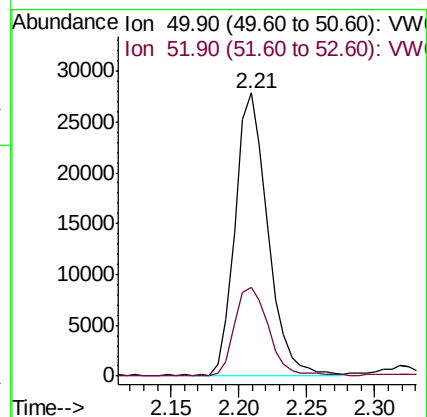
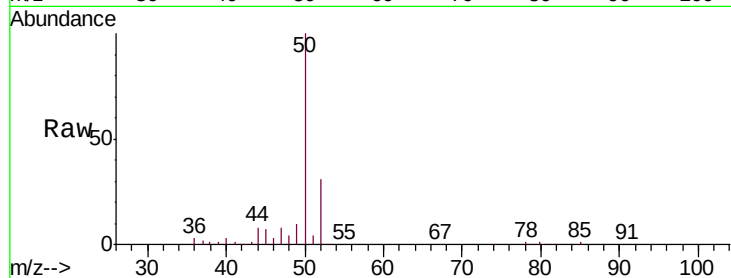
VW0822SBSD01

Tgt Ion: 50 Resp: 46188

Ion Ratio Lower Upper

50 100

52 31.3 25.4 38.2



#4

Vinyl Chloride

Concen: 20.799 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012101.D

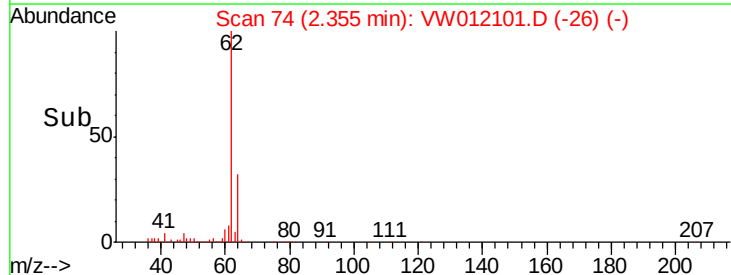
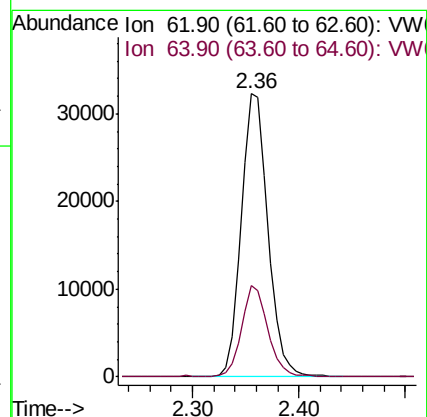
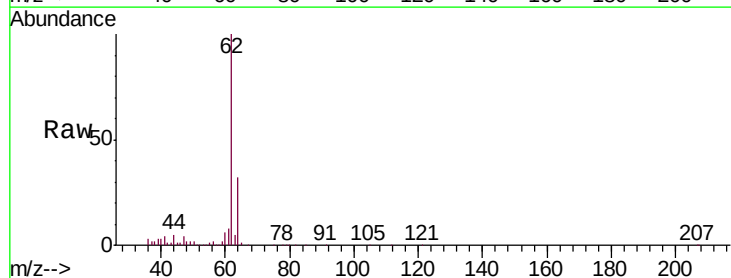
Acq: 22 Aug 2019 11:06

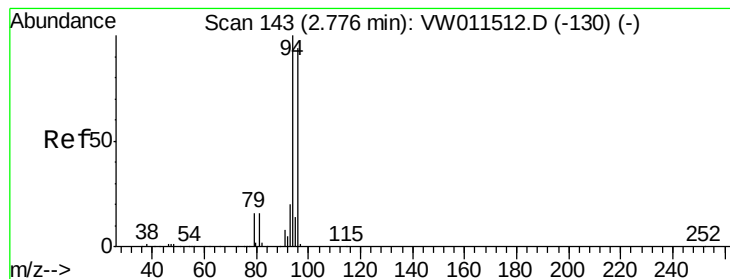
Tgt Ion: 62 Resp: 57031

Ion Ratio Lower Upper

62 100

64 31.9 25.0 37.4





#5

Bromomethane

Concen: 19.192 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

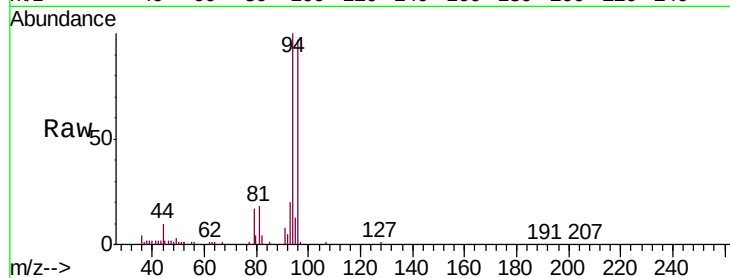
VW0822SBSD01

Tgt Ion: 94 Resp: 29128

Ion Ratio Lower Upper

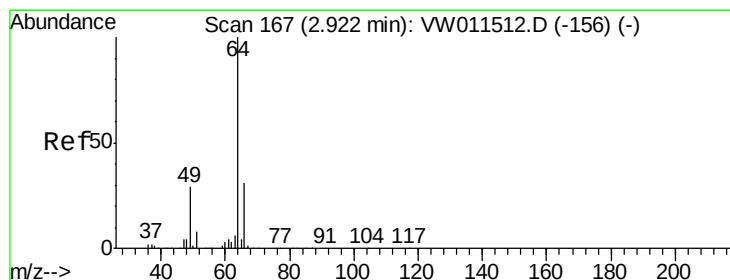
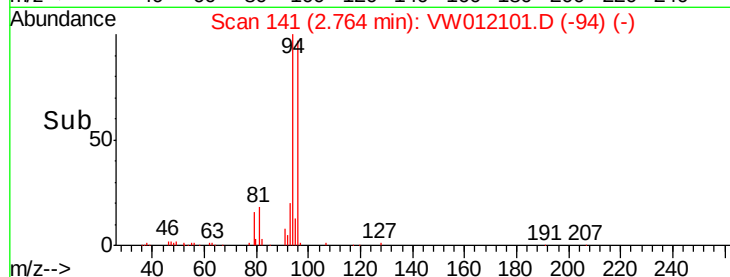
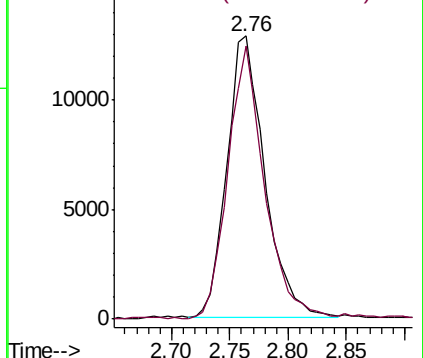
94 100

96 97.2 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.795 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012101.D

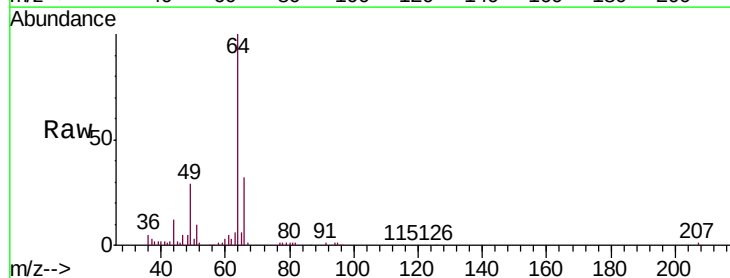
Acq: 22 Aug 2019 11:06

Tgt Ion: 64 Resp: 32570

Ion Ratio Lower Upper

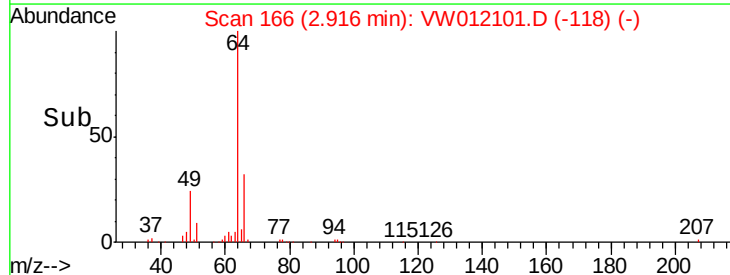
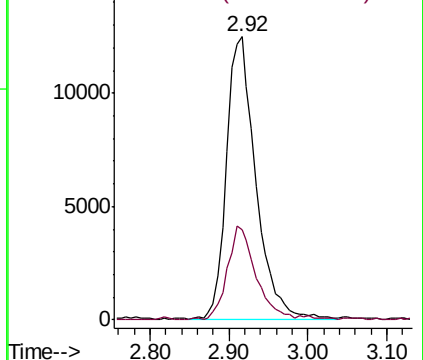
64 100

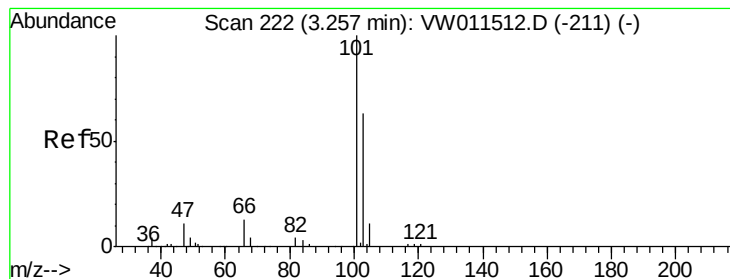
66 31.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



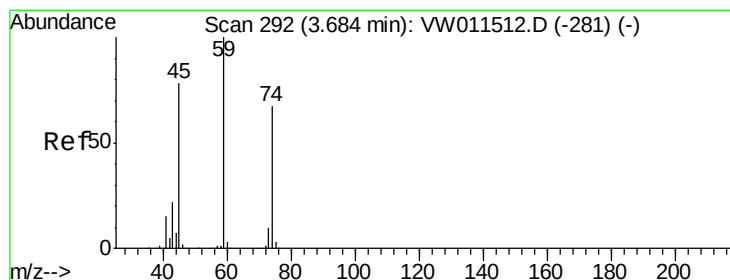
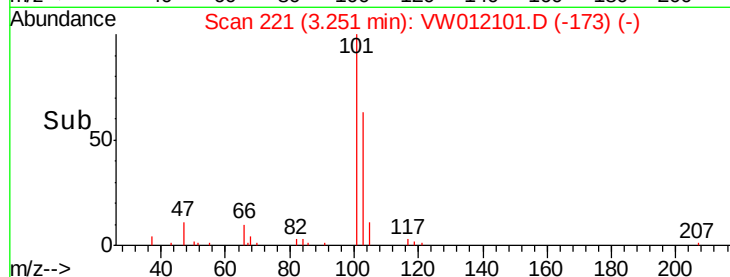
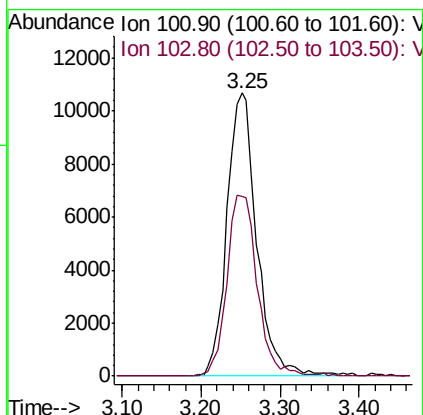
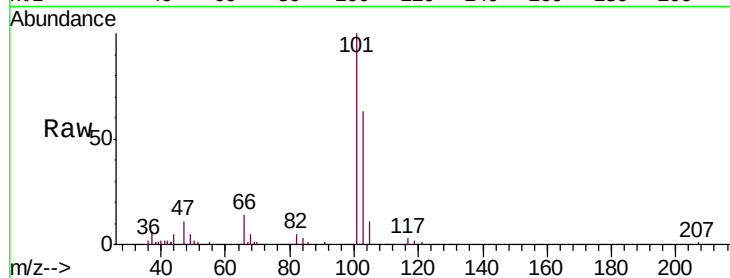


#7

Trichlorofluoromethane
 Concen: 22.830 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Instrument :
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 ClientSampleId :
 VW0822SBSD01

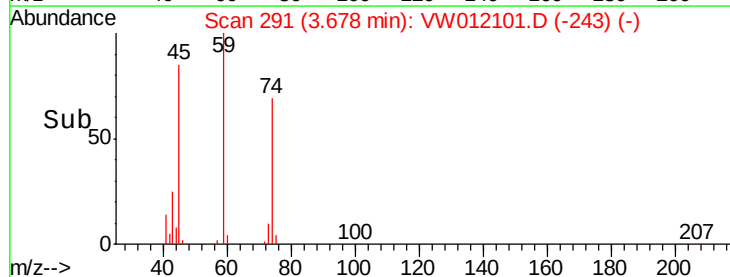
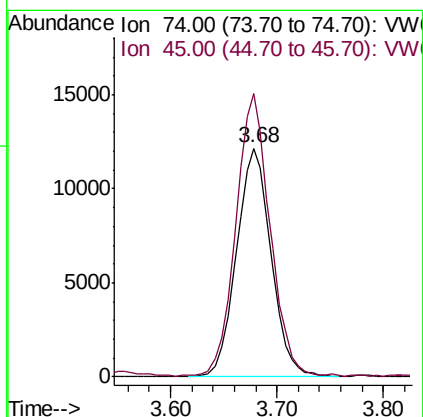
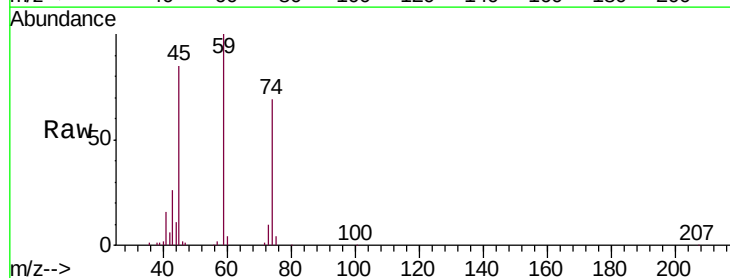
Tgt Ion:101 Resp: 27976
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.2 75.4

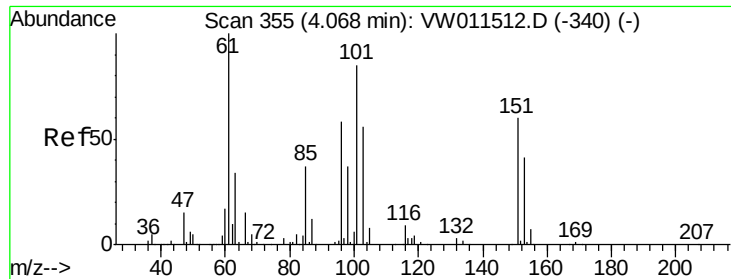


#8

Diethyl Ether
 Concen: 19.930 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Tgt Ion: 74 Resp: 27691
 Ion Ratio Lower Upper
 74 100
 45 123.4 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.518 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

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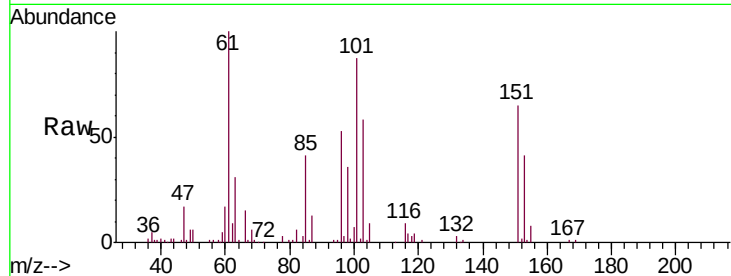
Tgt Ion:101 Resp: 50020

Ion Ratio Lower Upper

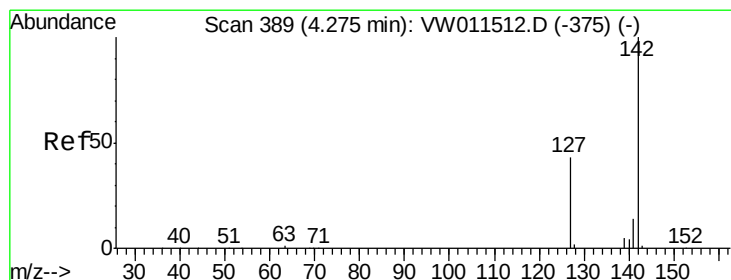
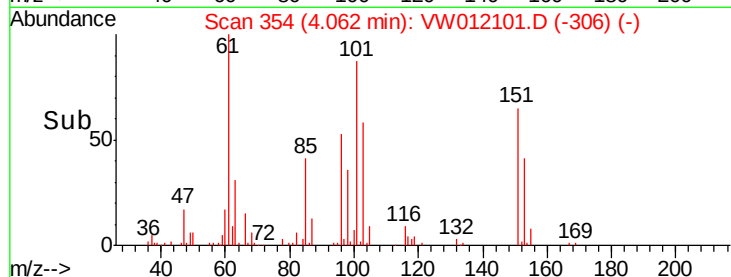
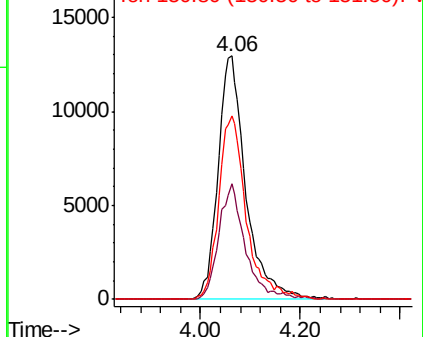
101 100

85 45.0 36.6 54.8

151 75.0 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VW
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.111 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

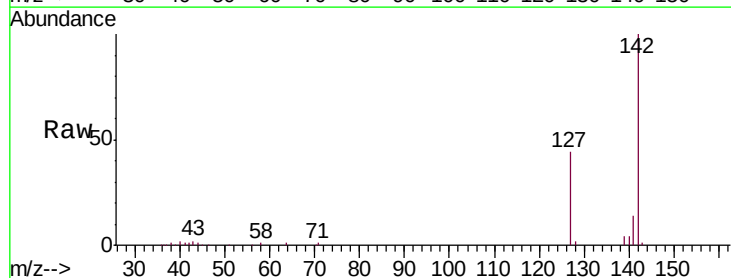
Tgt Ion:142 Resp: 66067

Ion Ratio Lower Upper

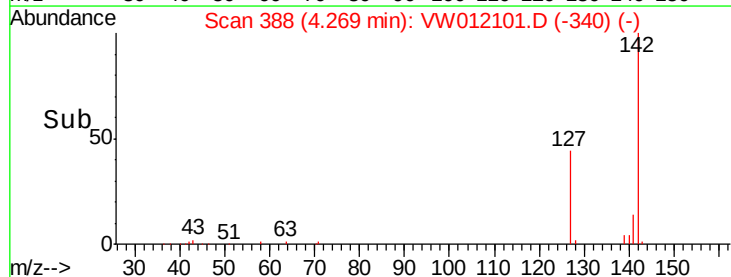
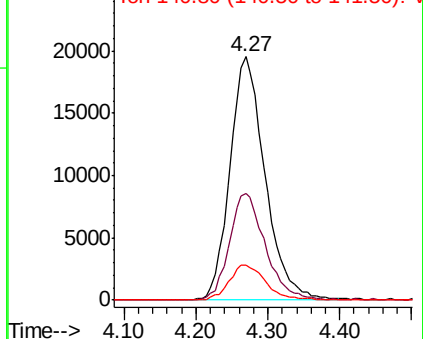
142 100

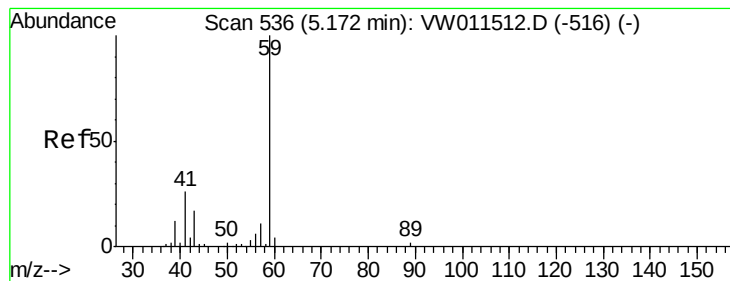
127 44.8 35.0 52.6

141 15.0 11.9 17.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 80.805 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampled :

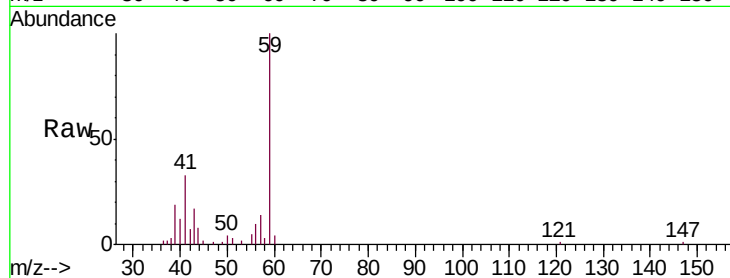
VW0822SBSD01

Tgt Ion: 59 Resp: 18548

Ion Ratio Lower Upper

59 100

57 9.6 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

4000

3000

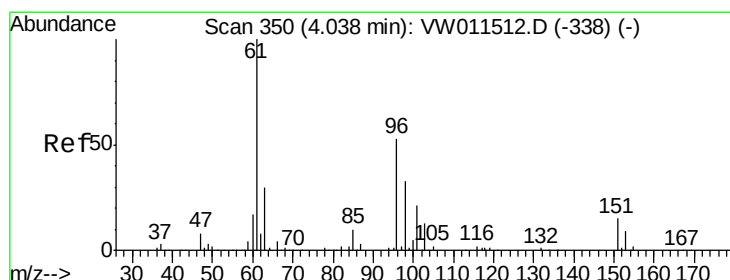
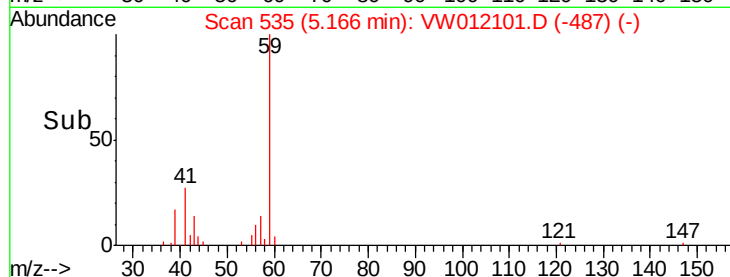
2000

1000

0

5.00 5.10 5.20 5.30

Time-->



#12

1,1-Dichloroethene

Concen: 20.318 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

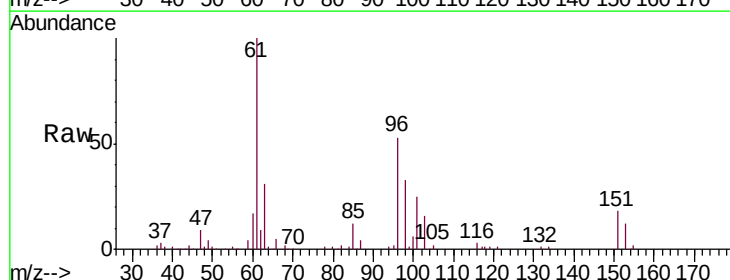
Tgt Ion: 96 Resp: 49870

Ion Ratio Lower Upper

96 100

61 189.5 149.9 224.9

98 62.2 49.1 73.7



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

4.04

40000

30000

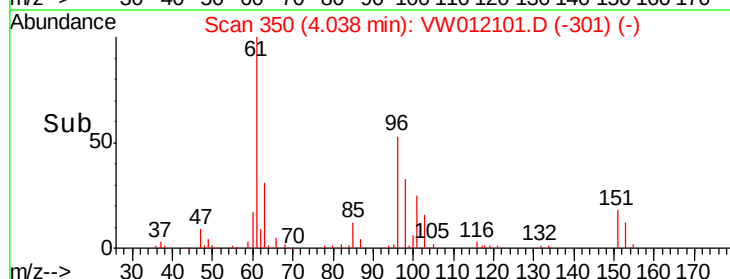
20000

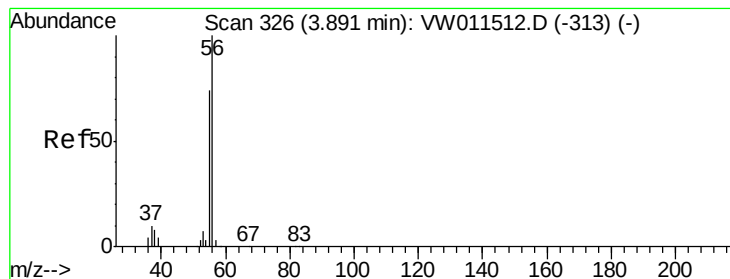
10000

0

3.90 4.00 4.10 4.20

Time-->





#13

Acrolein

Concen: 53.647 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

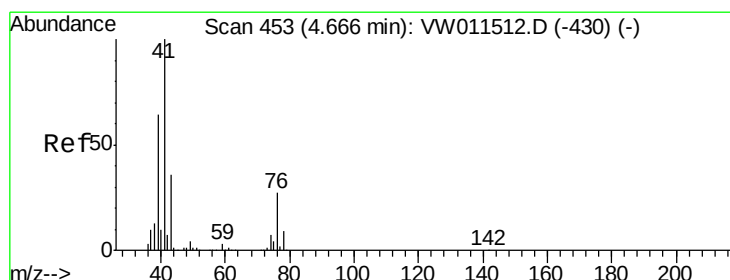
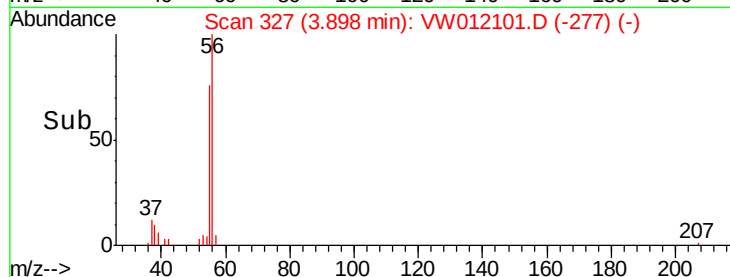
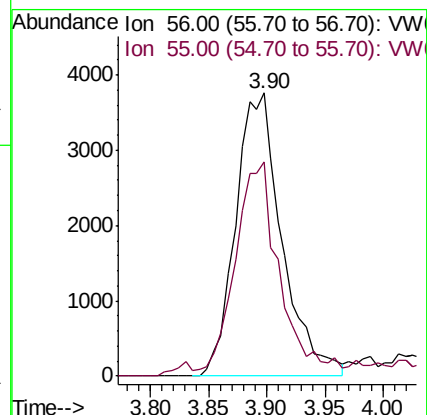
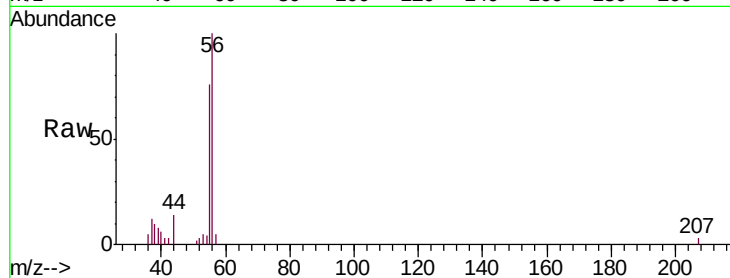
VW0822SBSD01

Tgt Ion: 56 Resp: 10417

Ion Ratio Lower Upper

56 100

55 69.1 56.0 84.0



#14

Allyl chloride

Concen: 20.132 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

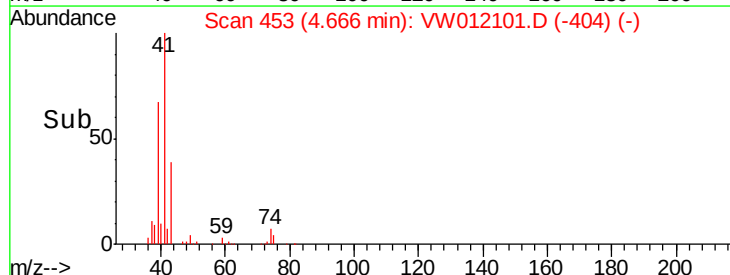
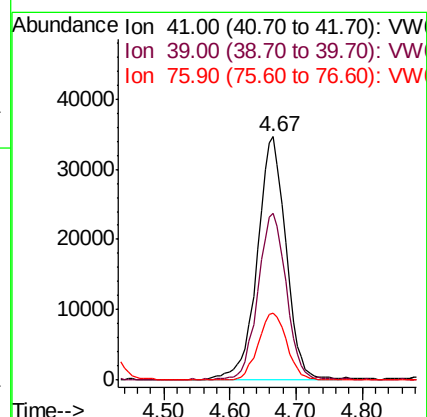
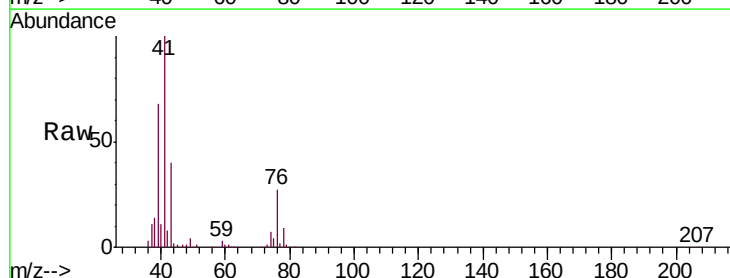
Tgt Ion: 41 Resp: 105094

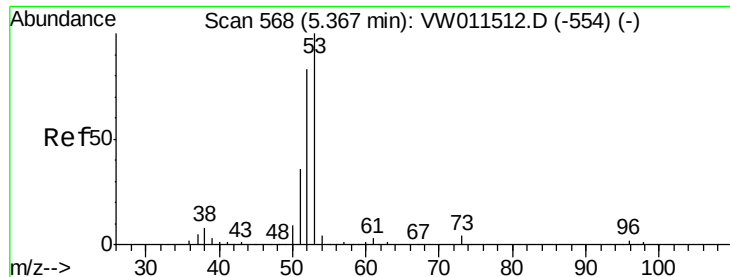
Ion Ratio Lower Upper

41 100

39 66.3 52.6 78.8

76 27.3 22.0 33.0





#15

Acrylonitrile

Concen: 100.925 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

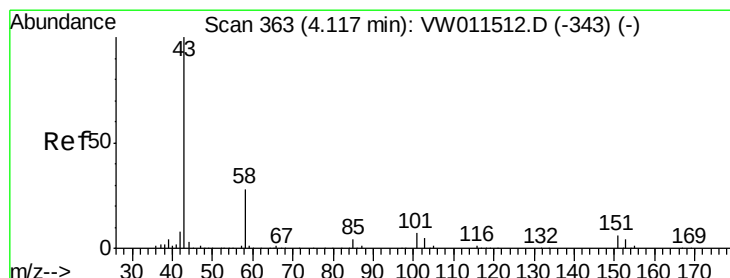
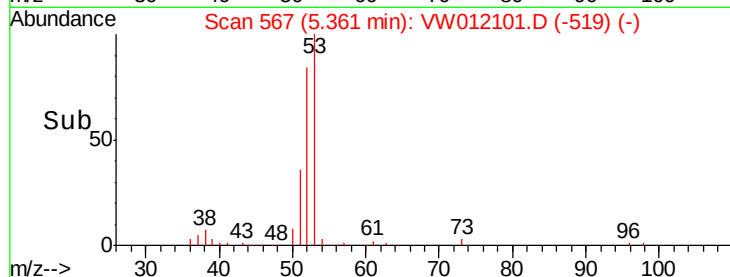
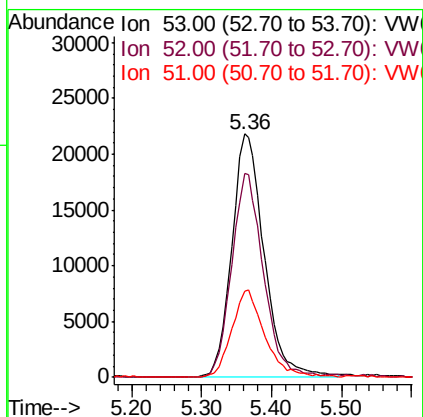
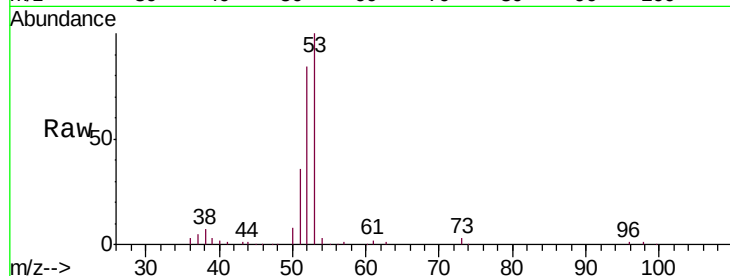
Tgt Ion: 53 Resp: 69999

Ion Ratio Lower Upper

53 100

52 82.1 67.2 100.8

51 36.6 30.0 45.0



#16

Acetone

Concen: 78.154 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW012101.D

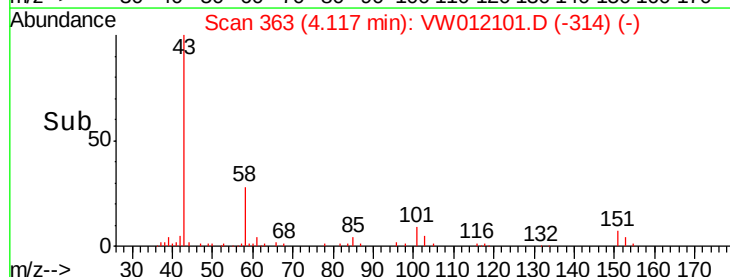
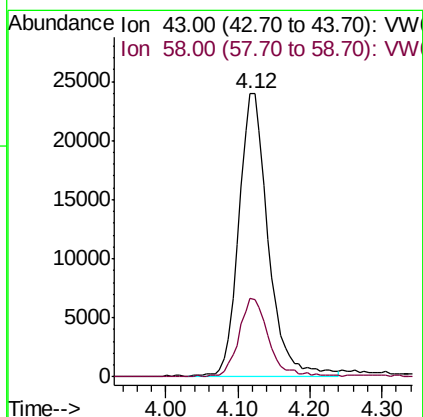
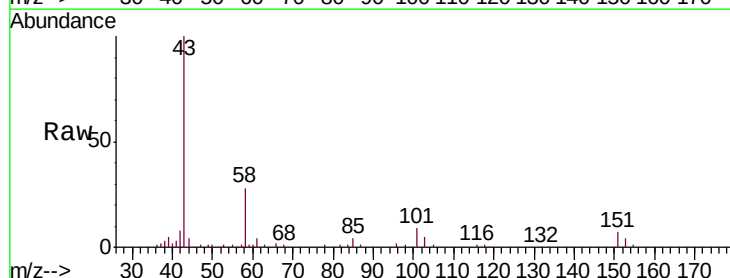
Acq: 22 Aug 2019 11:06

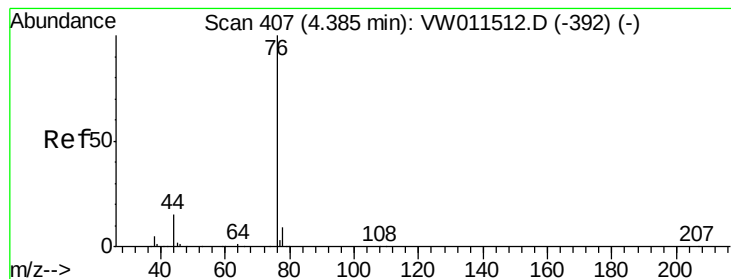
Tgt Ion: 43 Resp: 67277

Ion Ratio Lower Upper

43 100

58 27.7 22.3 33.5





#17

Carbon Disulfide

Concen: 17.890 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

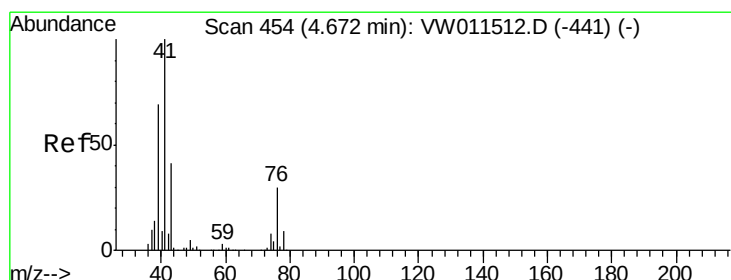
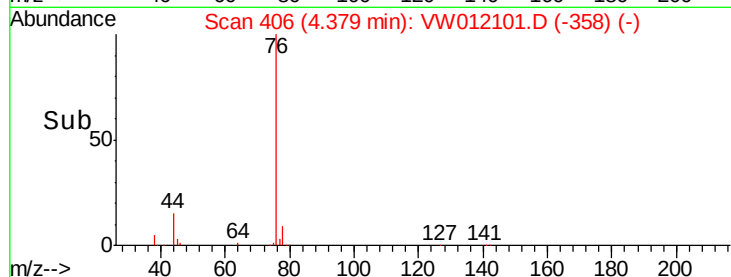
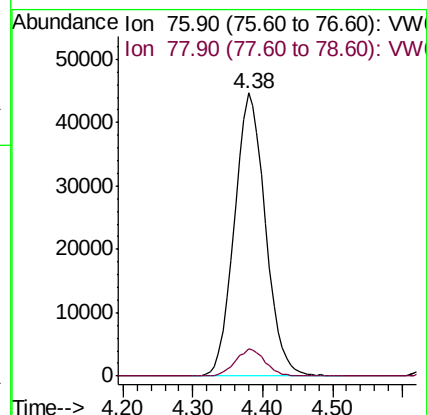
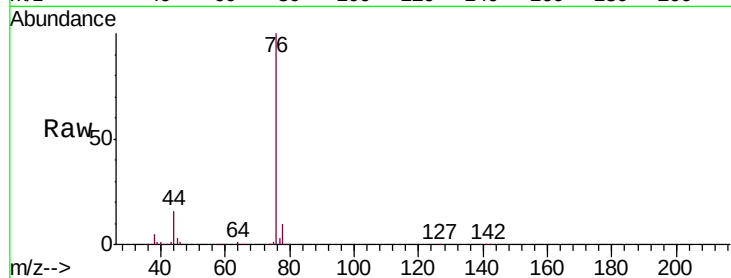
VW0822SBSD01

Tgt Ion: 76 Resp: 137428

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



#18

Methyl Acetate

Concen: 20.953 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW012101.D

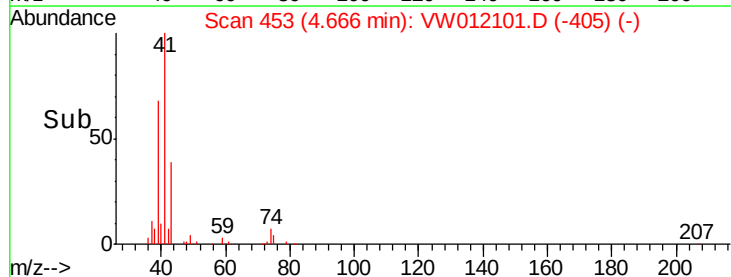
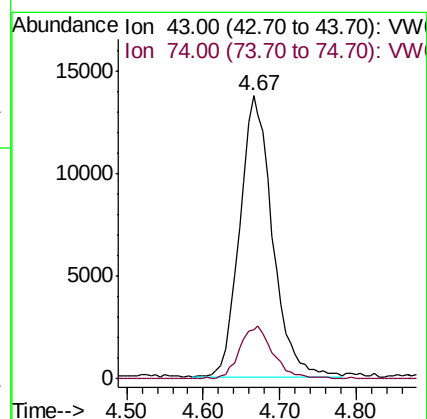
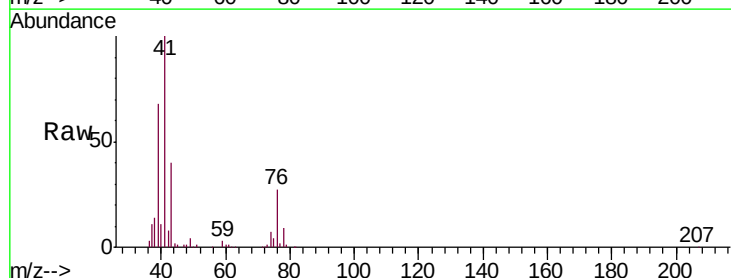
Acq: 22 Aug 2019 11:06

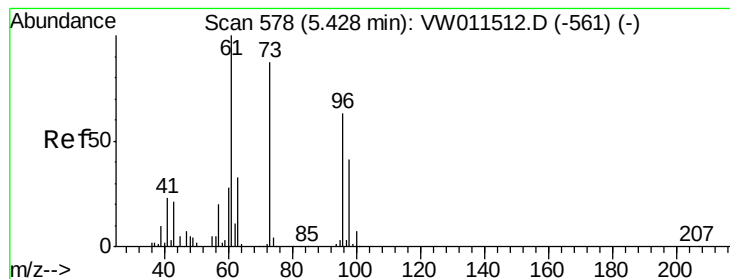
Tgt Ion: 43 Resp: 40519

Ion Ratio Lower Upper

43 100

74 19.4 15.9 23.9





#19

Methyl tert-butyl Ether

Concen: 21.237 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

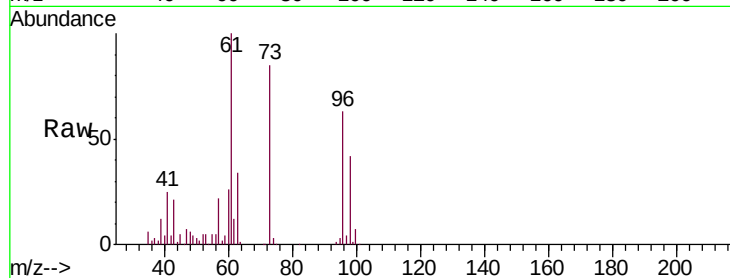
VW0822SBSD01

Tgt Ion: 73 Resp: 82714

Ion Ratio Lower Upper

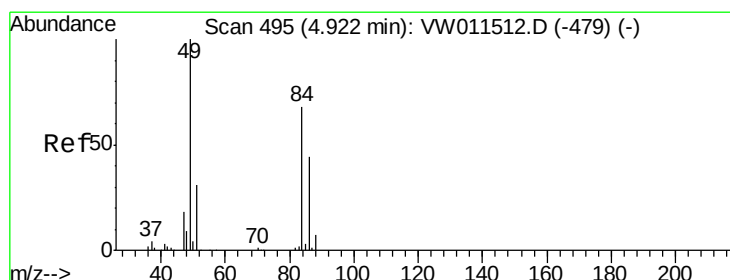
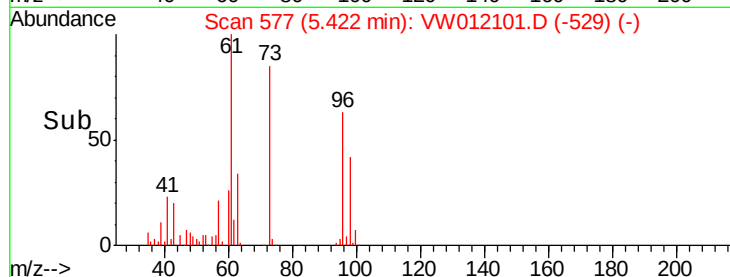
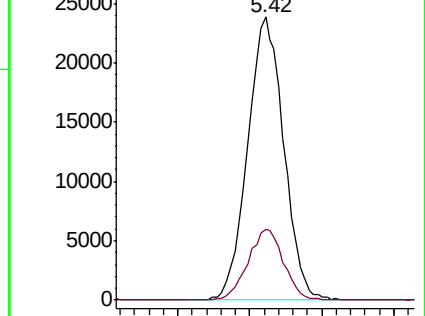
73 100

57 25.2 18.4 27.6



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 19.952 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Tgt Ion: 84 Resp: 59233

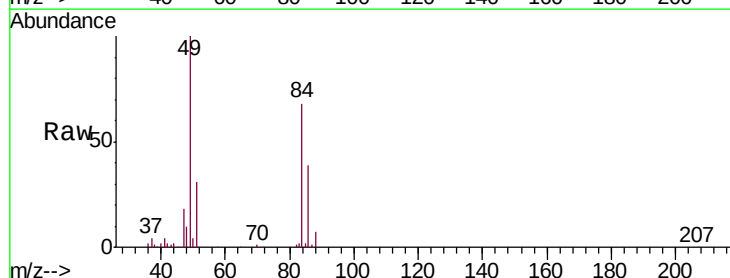
Ion Ratio Lower Upper

84 100

49 147.7 117.8 176.6

51 45.7 37.0 55.4

86 57.6 51.8 77.8

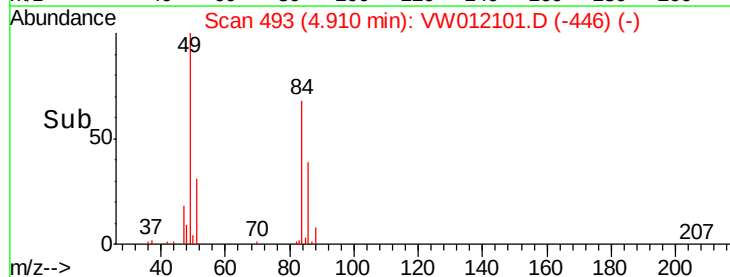
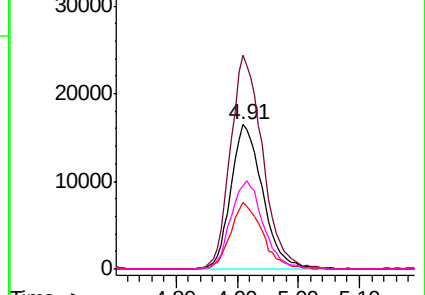


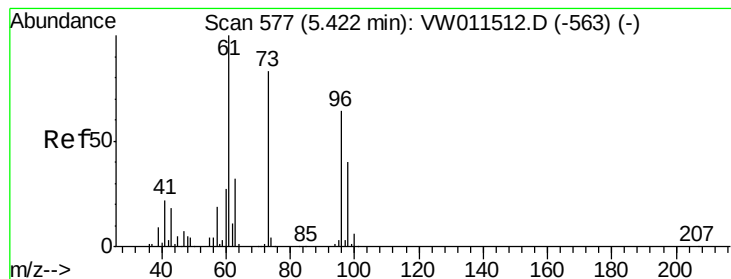
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 20.464 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

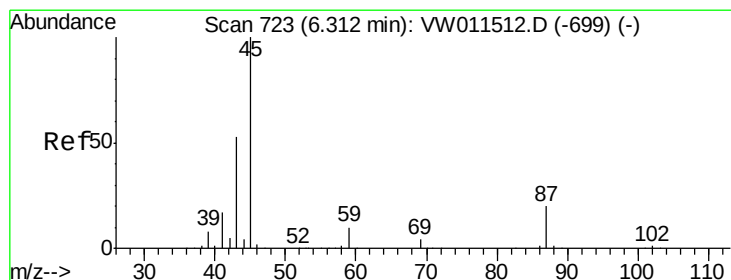
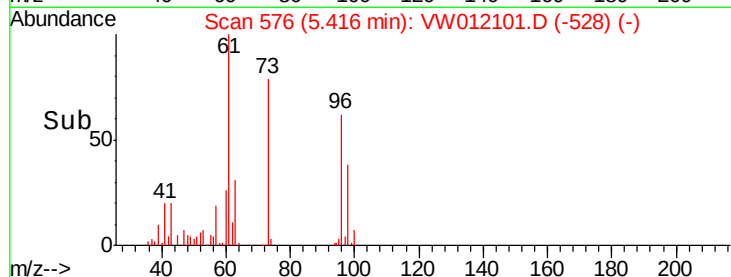
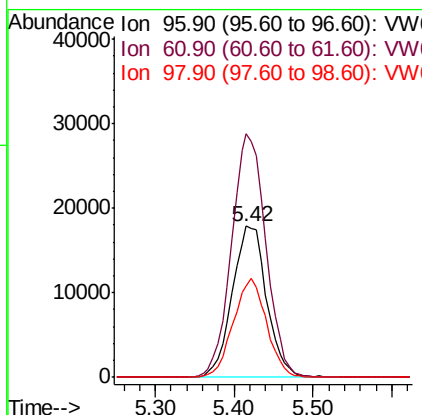
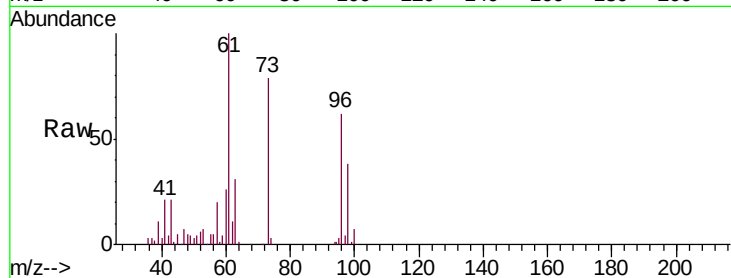
Tgt Ion: 96 Resp: 54152

Ion Ratio Lower Upper

96 100

61 160.8 125.7 188.5

98 60.8 50.3 75.5



#22

Diisopropyl ether

Concen: 21.099 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Tgt Ion: 45 Resp: 207656

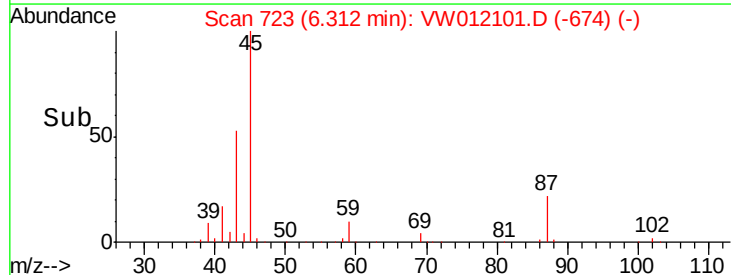
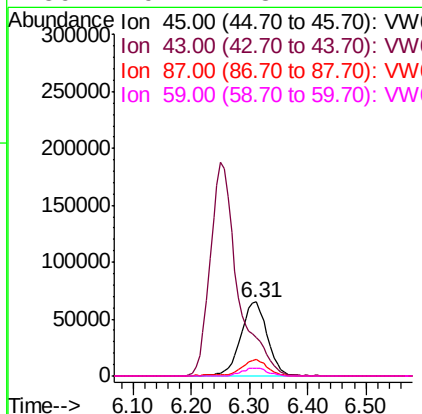
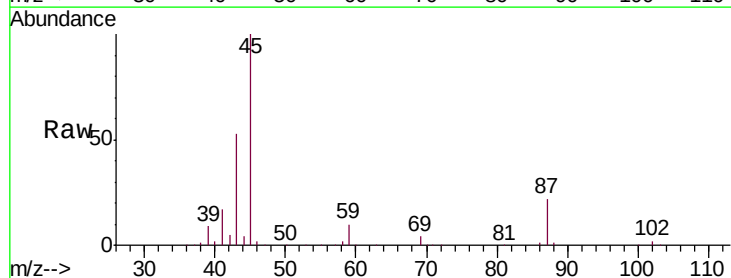
Ion Ratio Lower Upper

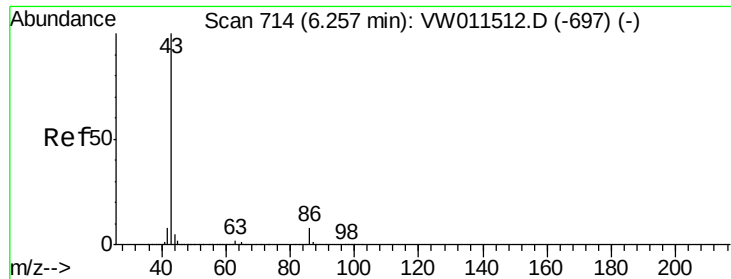
45 100

43 52.4 42.6 63.8

87 22.0 16.4 24.6

59 9.7 8.2 12.2

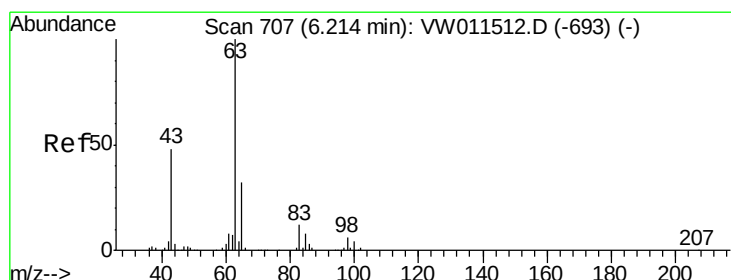
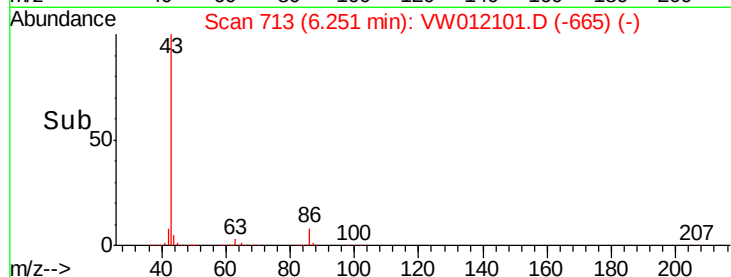
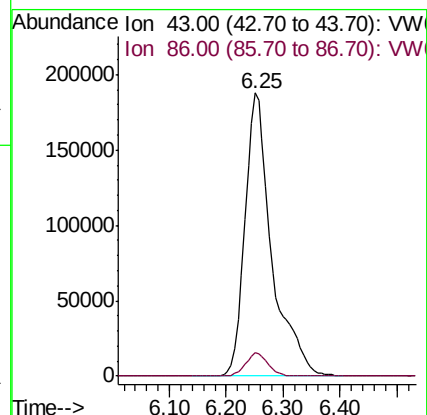
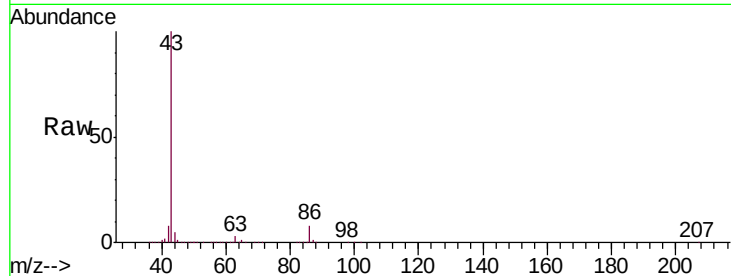




#23
 Vinyl Acetate
 Concen: 99.449 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

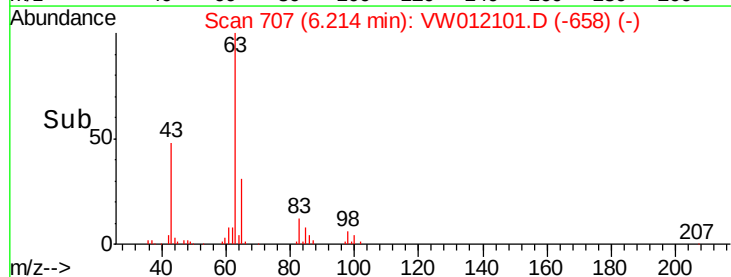
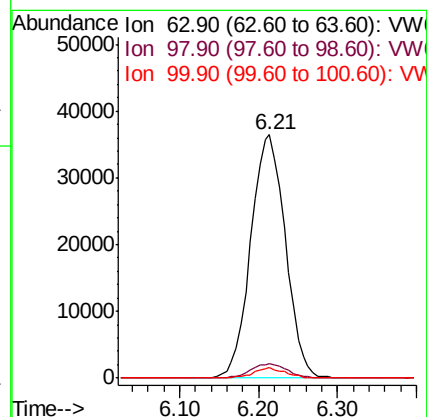
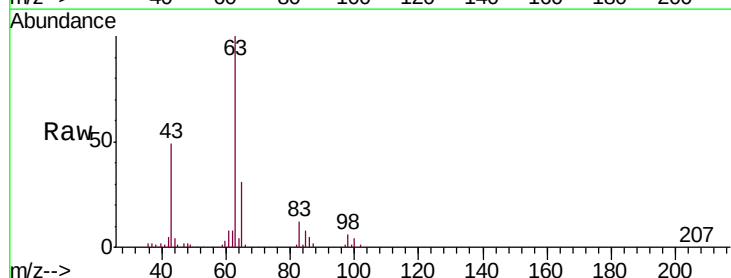
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

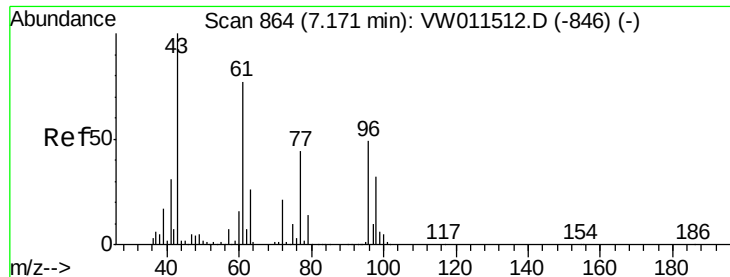
Tgt Ion: 43 Resp: 615035
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 21.102 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Tgt Ion: 63 Resp: 111232
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.8
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 88.401 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

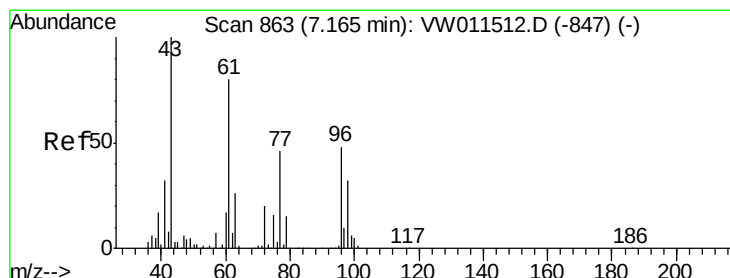
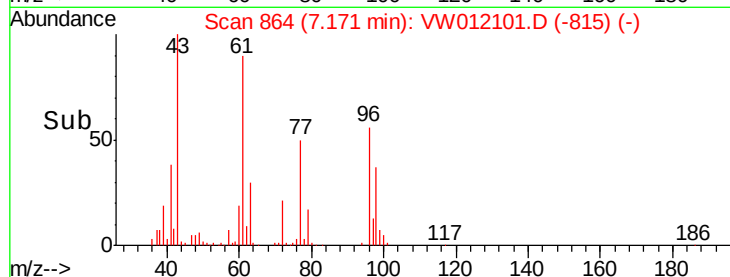
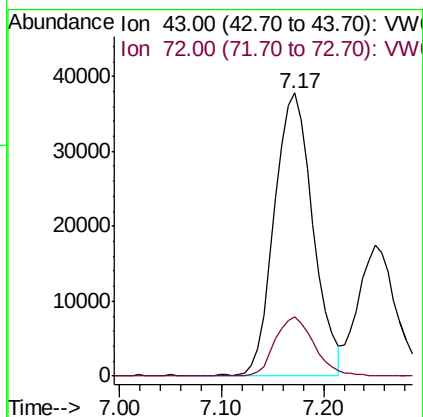
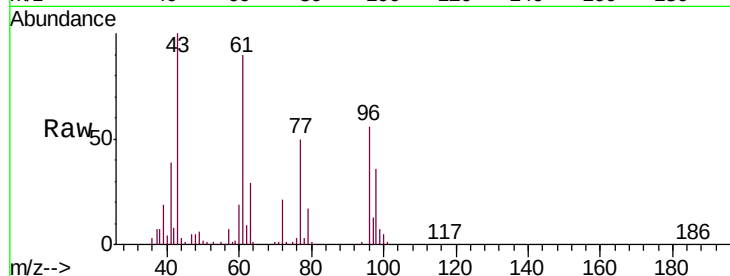
VW0822SBSD01

Tgt Ion: 43 Resp: 99576

Ion Ratio Lower Upper

43 100

72 21.1 16.6 24.8



#26

2,2-Dichloropropane

Concen: 18.491 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012101.D

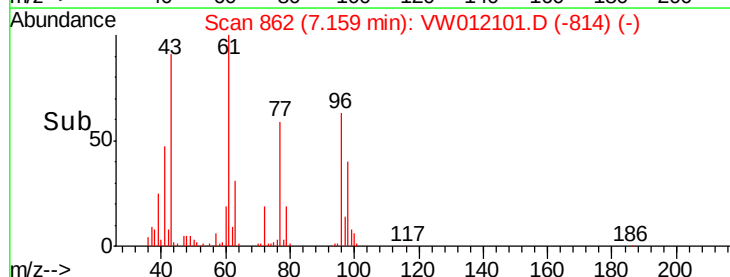
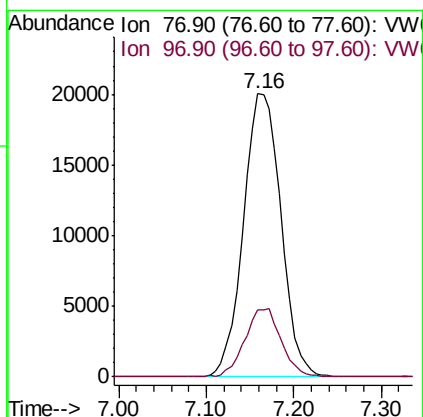
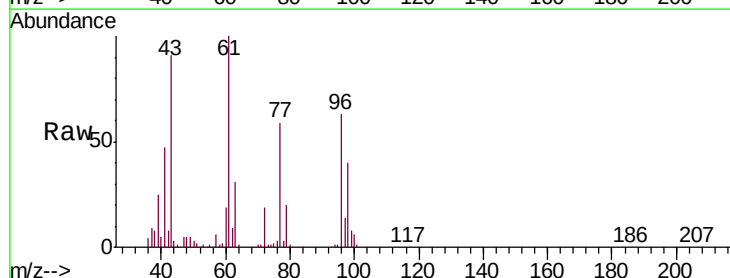
Acq: 22 Aug 2019 11:06

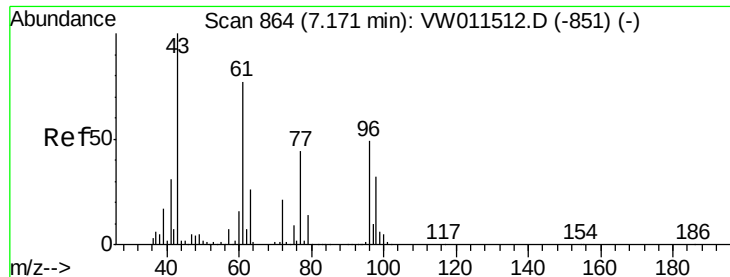
Tgt Ion: 77 Resp: 59942

Ion Ratio Lower Upper

77 100

97 23.3 10.8 32.4



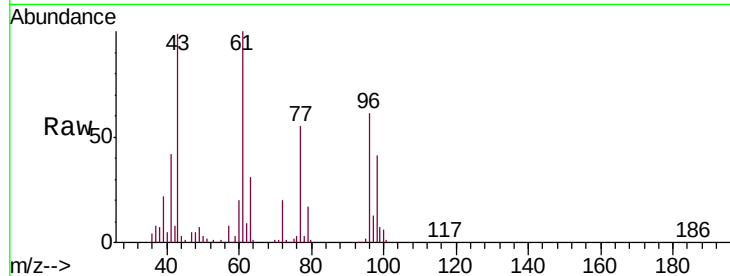


#27

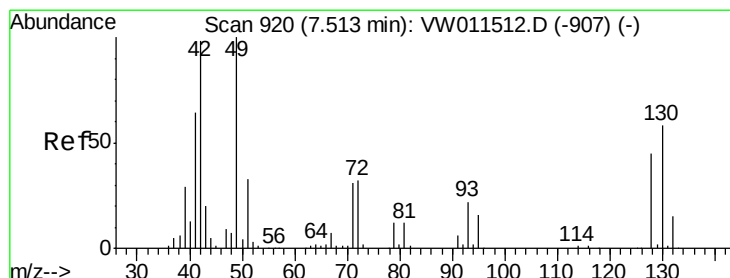
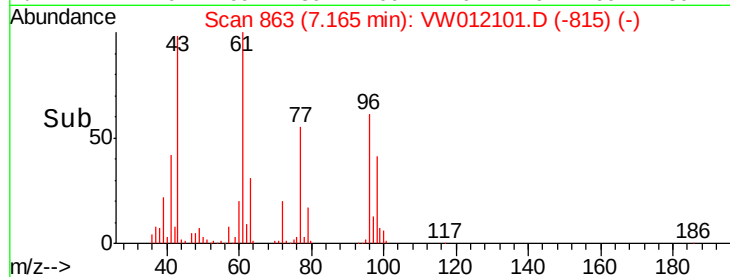
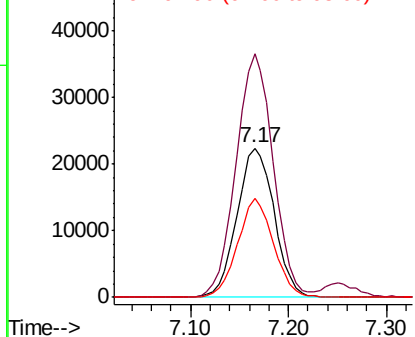
cis-1,2-Dichloroethene
Concen: 20.287 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

Tgt Ion: 96 Resp: 59081
Ion Ratio Lower Upper
96 100
61 163.2 0.0 328.4
98 63.9 0.0 128.8



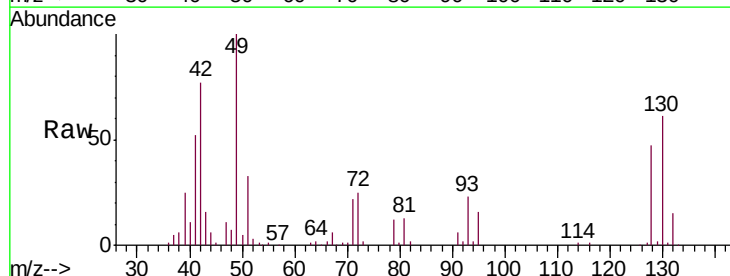
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



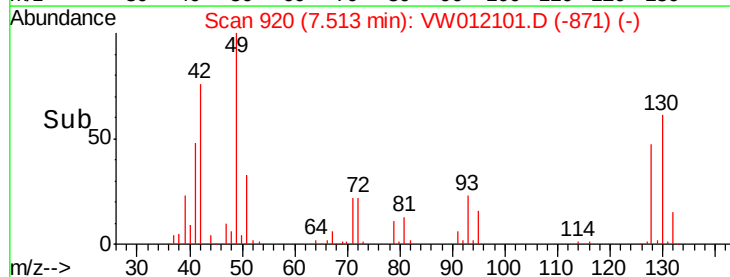
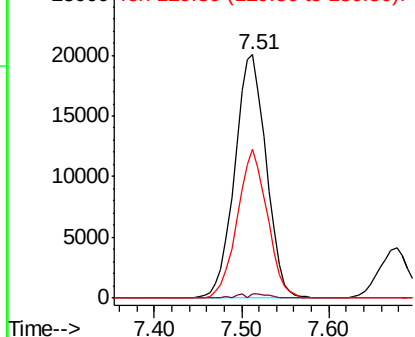
#28

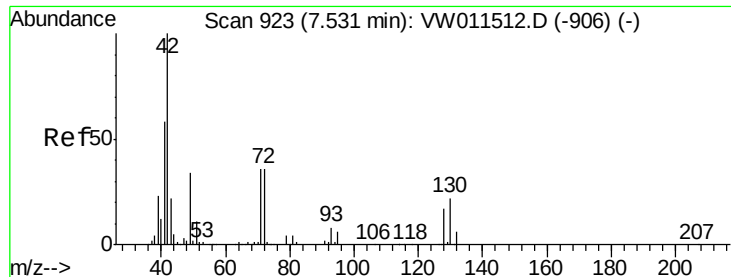
Bromochloromethane
Concen: 21.458 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

Tgt Ion: 49 Resp: 50204
Ion Ratio Lower Upper
49 100
129 1.0 0.0 1.0
130 58.3 46.3 69.5



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

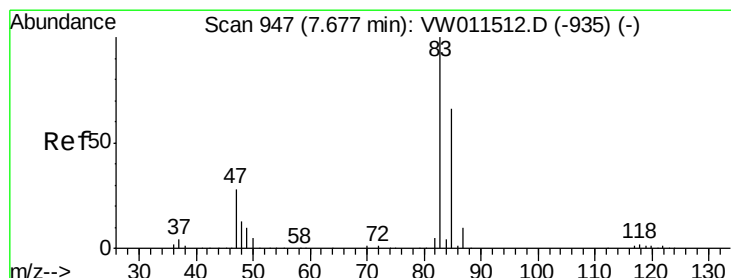
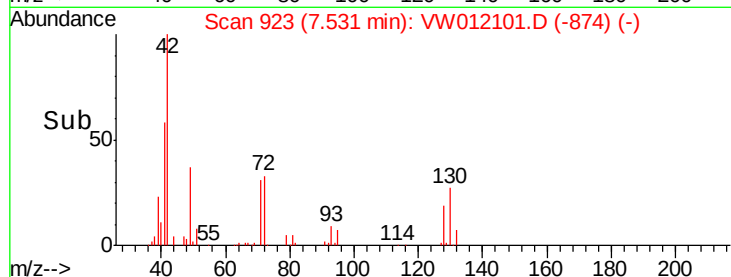
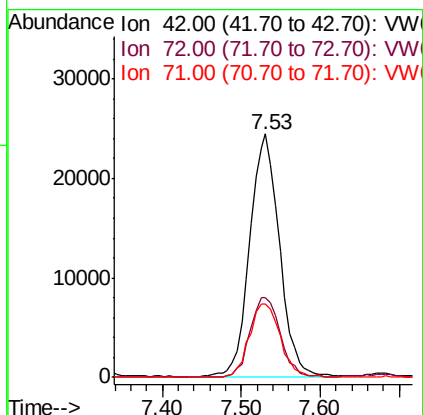
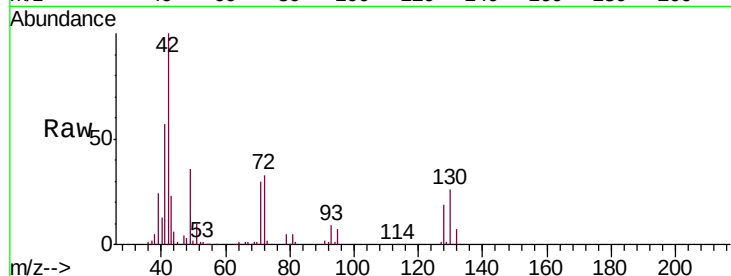




#29
Tetrahydrofuran
Concen: 100.531 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

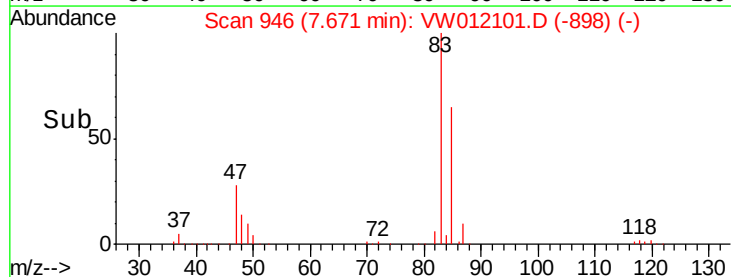
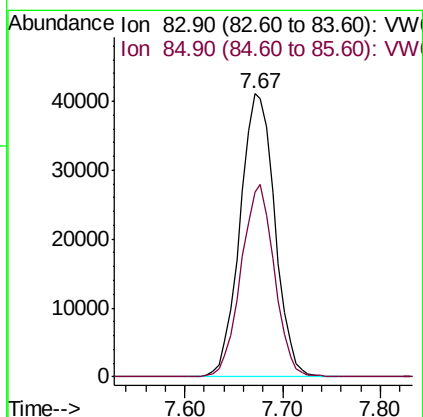
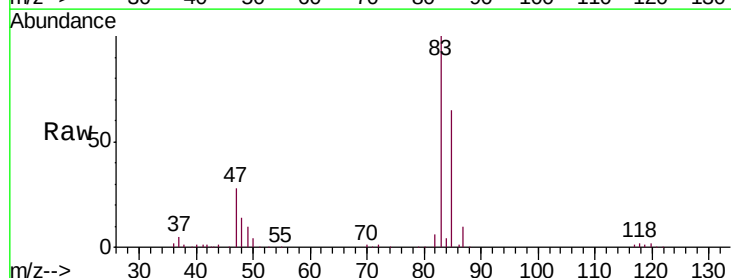
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

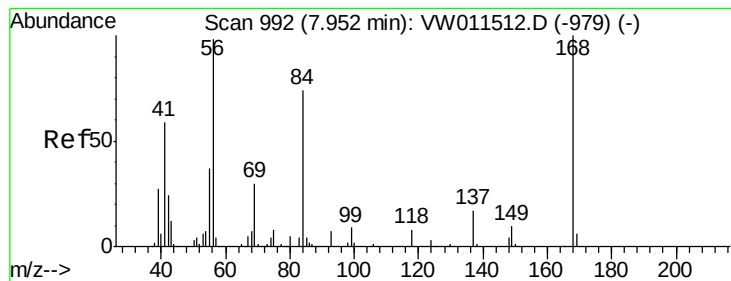
Tgt Ion: 42 Resp: 64729
Ion Ratio Lower Upper
42 100
72 33.4 27.1 40.7
71 31.3 26.2 39.4



#30
Chloroform
Concen: 20.806 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

Tgt Ion: 83 Resp: 101181
Ion Ratio Lower Upper
83 100
85 65.2 52.5 78.7





#31

Cyclohexane

Concen: 20.089 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

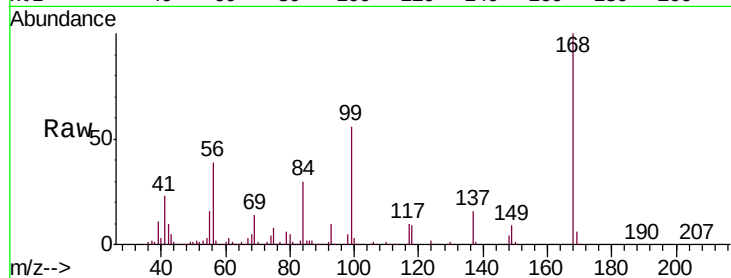
Tgt Ion: 56 Resp: 101650

Ion Ratio Lower Upper

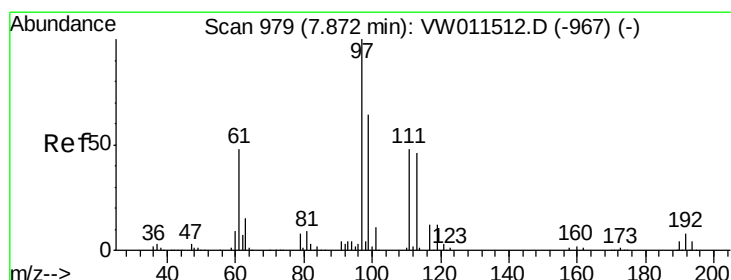
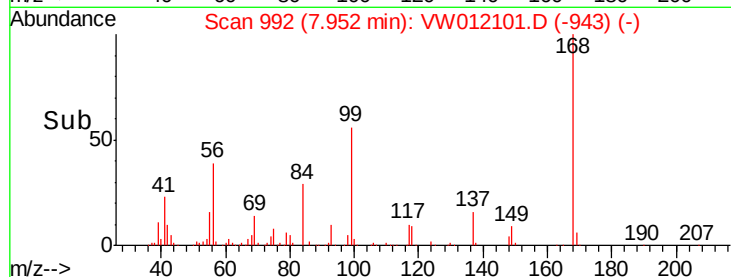
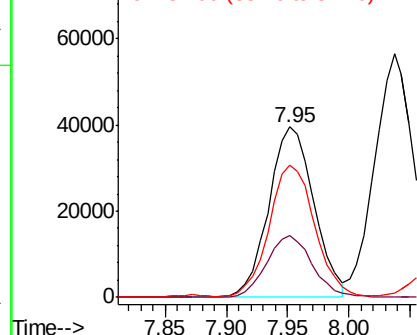
56 100

69 36.3 24.3 36.5

84 76.2 60.4 90.6



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



#32

1,1,1-Trichloroethane

Concen: 21.619 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

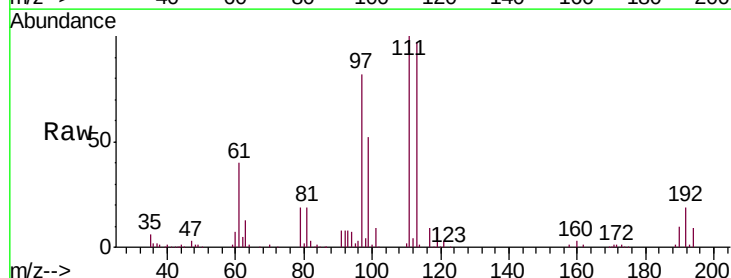
Tgt Ion: 97 Resp: 80066

Ion Ratio Lower Upper

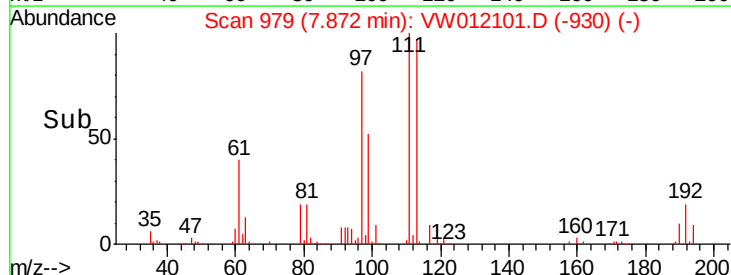
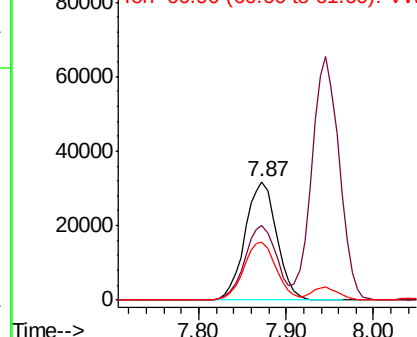
97 100

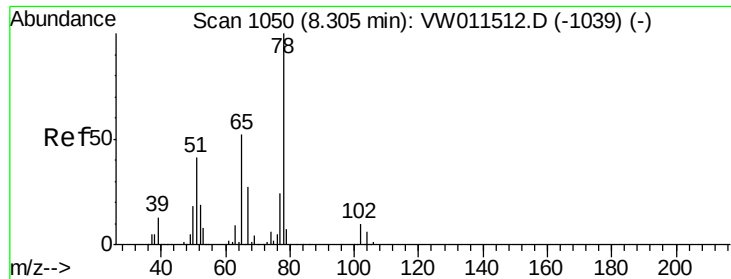
99 62.8 51.0 76.6

61 49.9 39.8 59.6



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

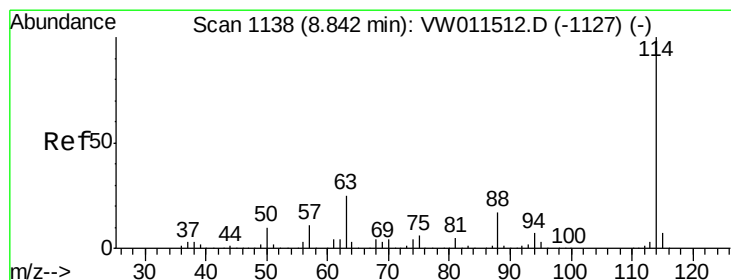
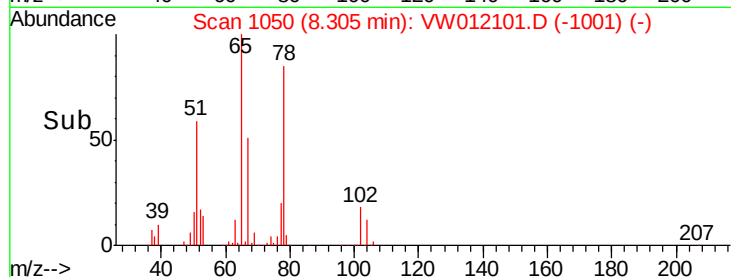
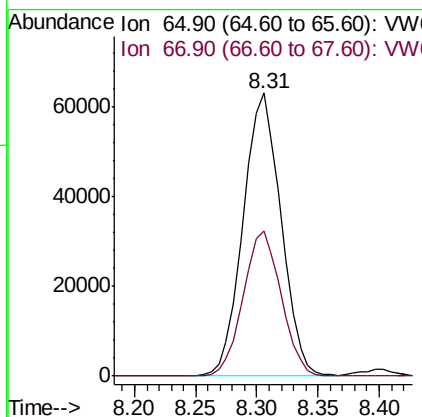
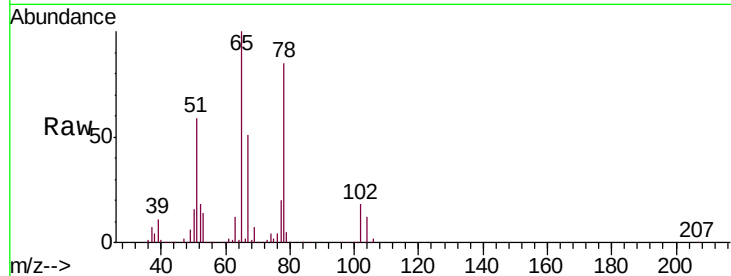




#33
 1,2-Dichloroethane-d4
 Concen: 50.304 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

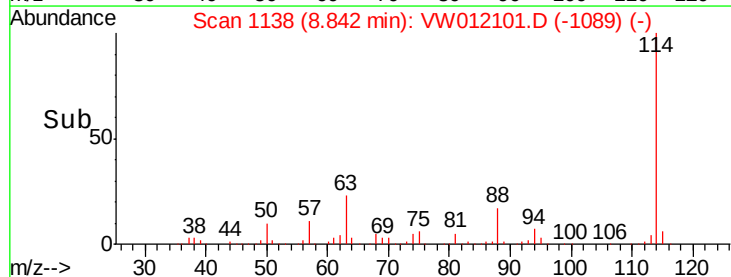
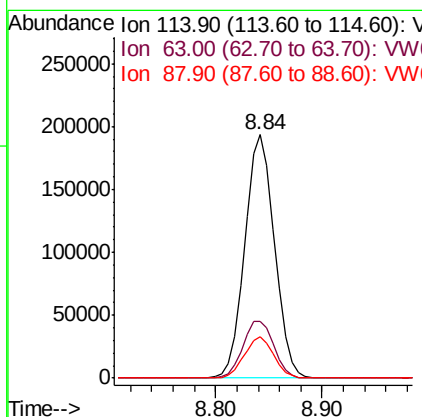
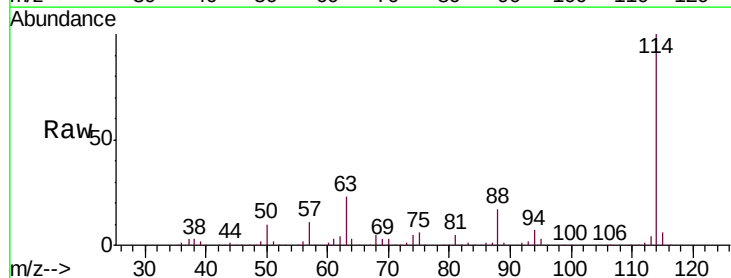
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

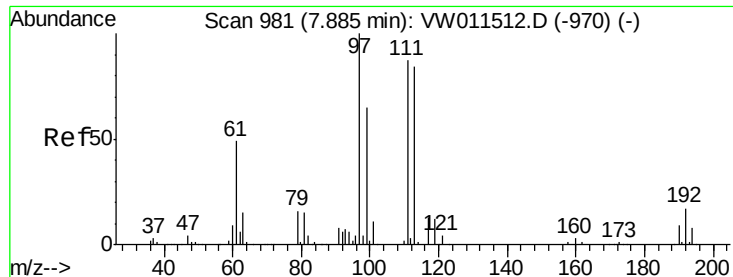
Tgt Ion: 65 Resp: 136130
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Tgt Ion: 114 Resp: 379257
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 49.2
 88 16.8 0.0 33.8

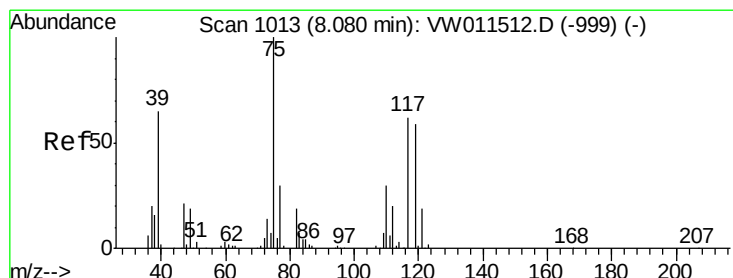
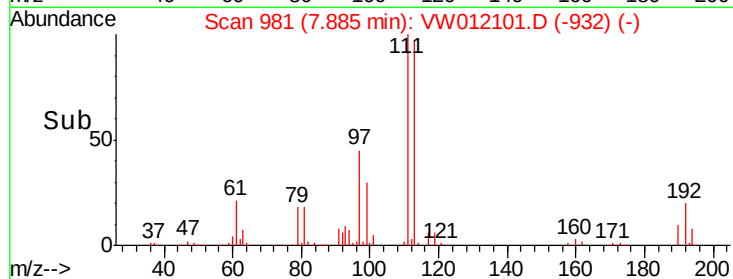
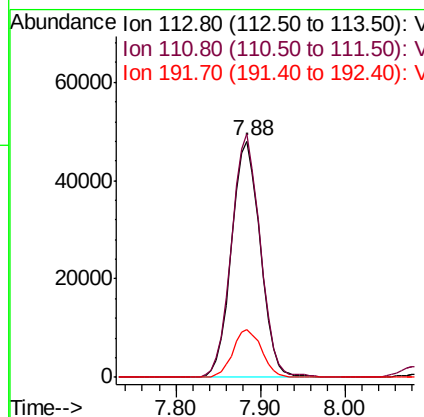
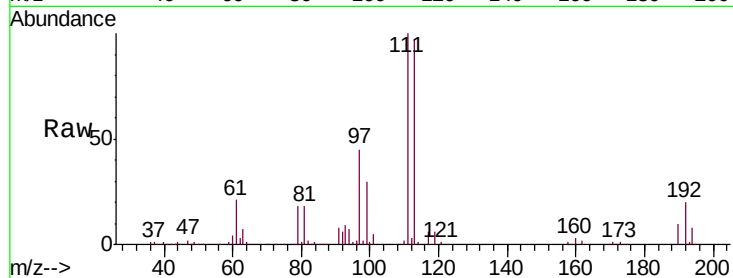




#35
 Dibromofluoromethane
 Concen: 52.139 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

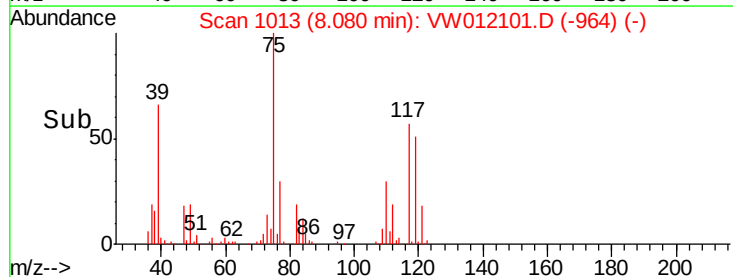
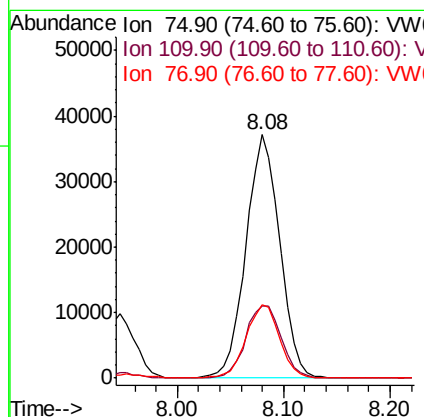
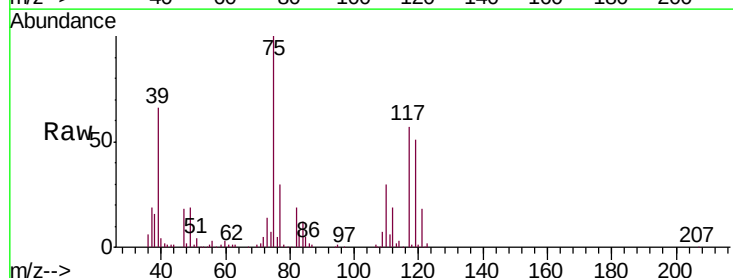
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

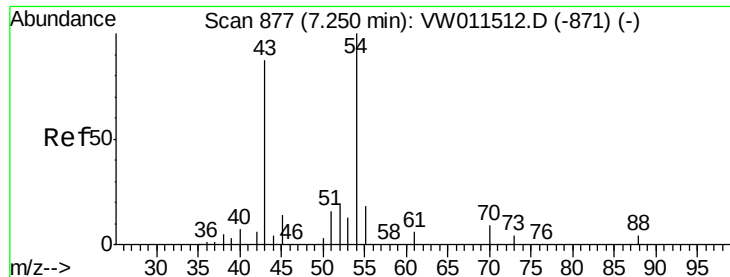
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	20.2	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 21.079 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.4	15.6	46.8
77	30.1	24.3	36.5

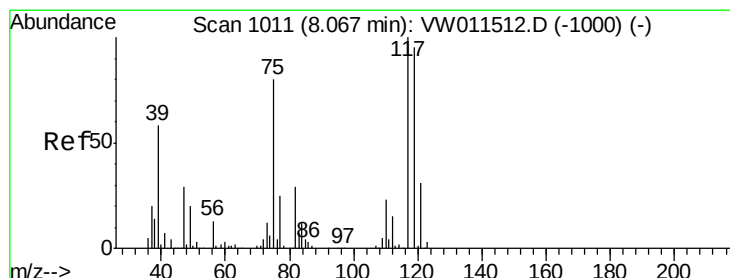
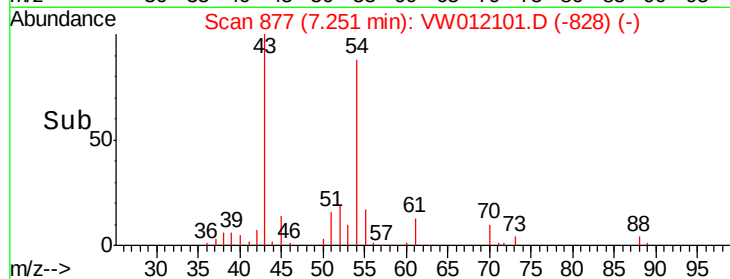
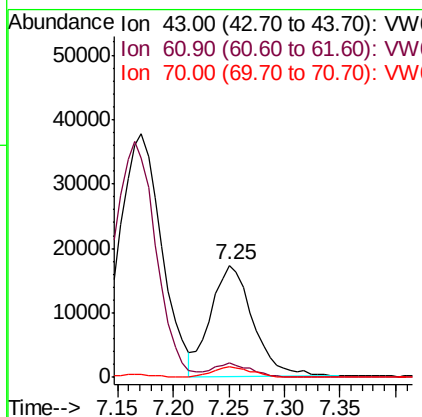
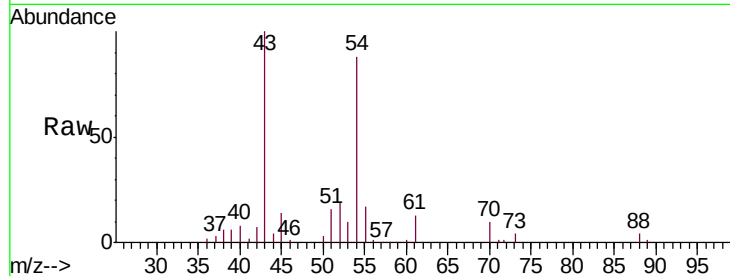




#37
Ethyl Acetate
Concen: 19.962 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

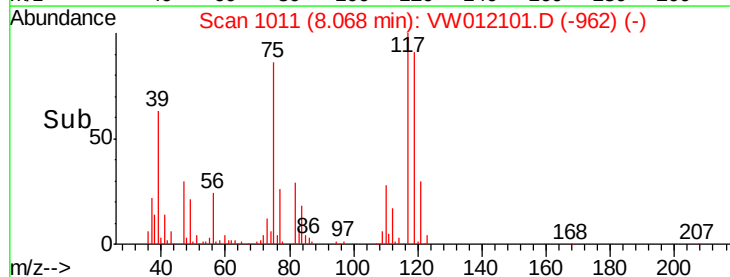
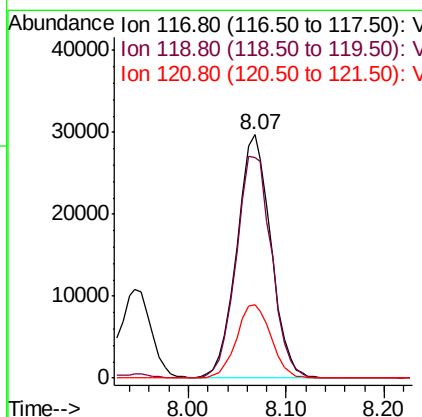
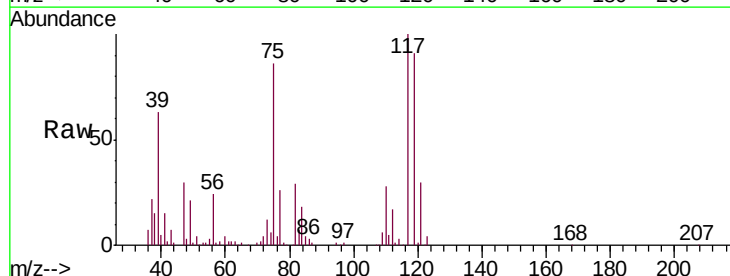
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

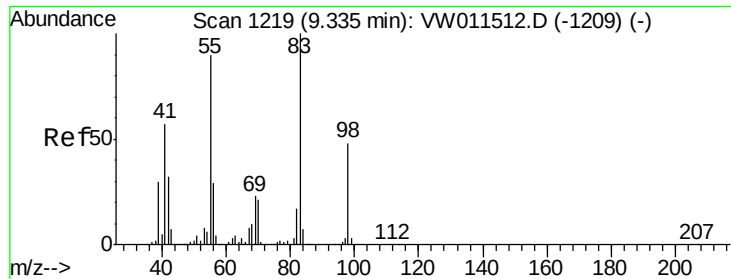
Tgt Ion: 43 Resp: 45291
Ion Ratio Lower Upper
43 100
61 12.2 8.8 13.2
70 9.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 21.242 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

Tgt Ion: 117 Resp: 71713
Ion Ratio Lower Upper
117 100
119 90.5 75.8 113.6
121 30.1 24.7 37.1

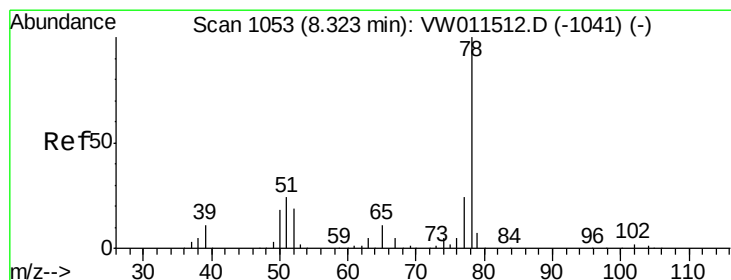
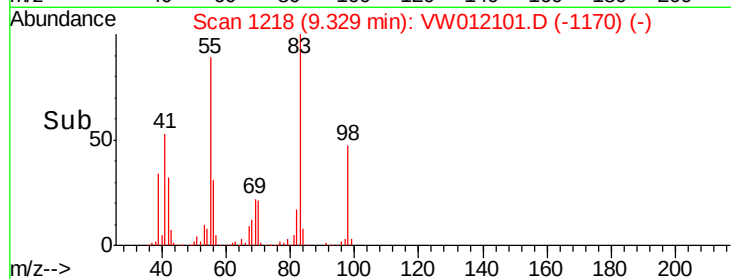
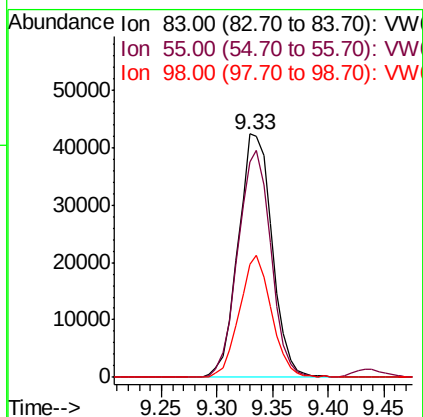
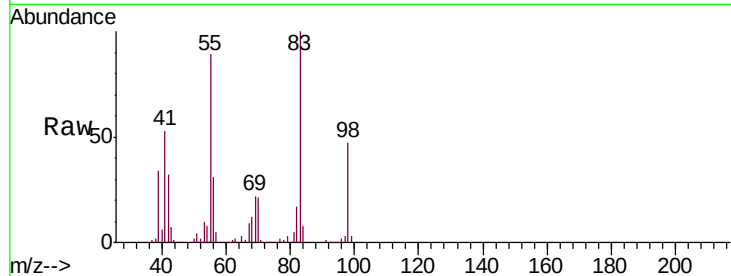




#39
Methylcyclohexane
Concen: 20.672 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

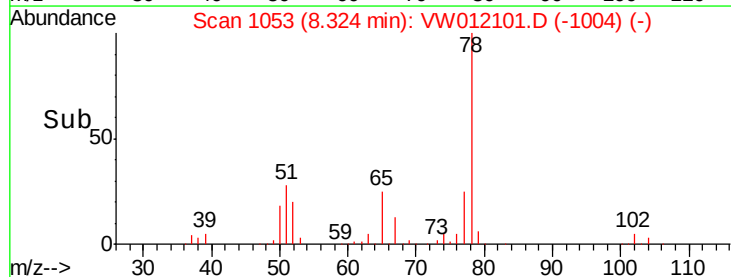
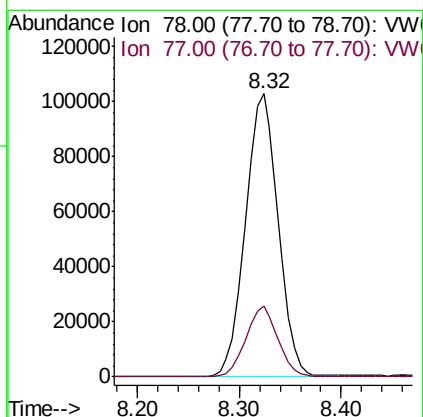
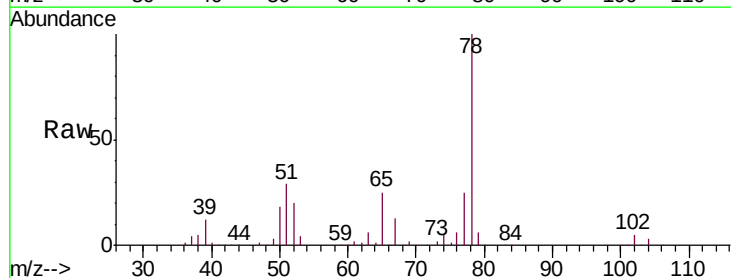
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

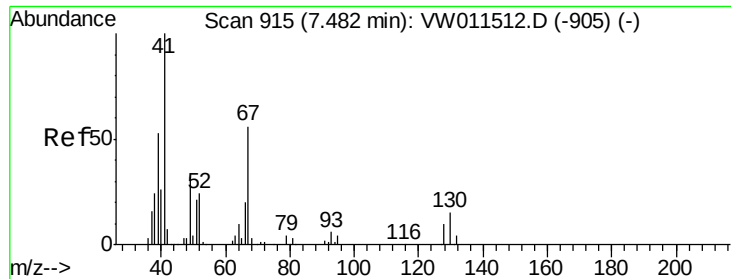
Tgt Ion: 83 Resp: 89767
Ion Ratio Lower Upper
83 100
55 88.7 72.1 108.1
98 46.6 38.6 57.8



#40
Benzene
Concen: 20.826 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

Tgt Ion: 78 Resp: 230049
Ion Ratio Lower Upper
78 100
77 25.1 19.4 29.0

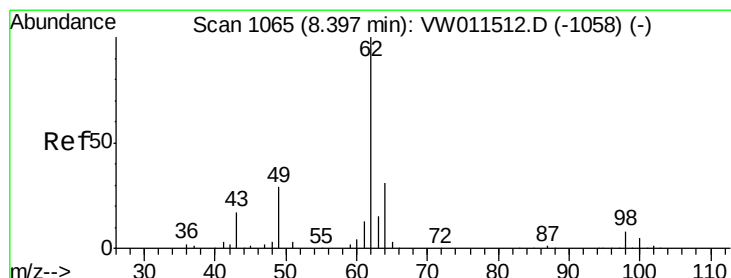
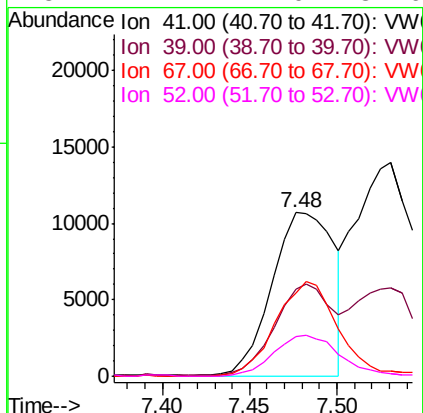
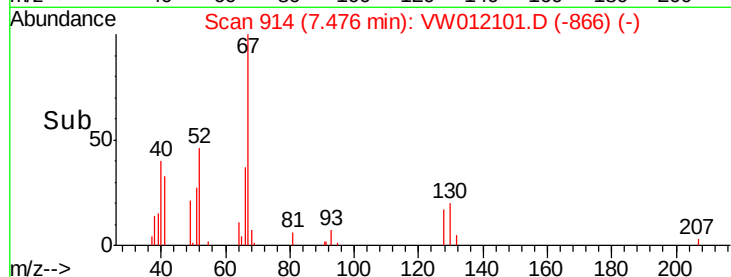
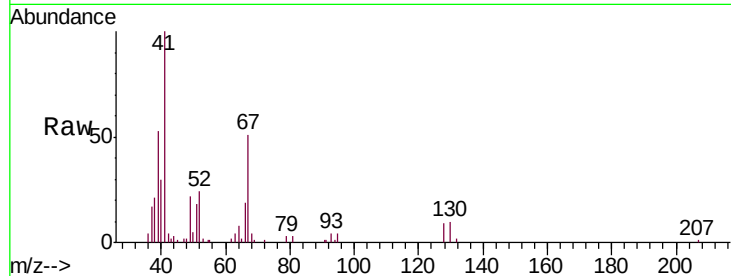




#41
Methacrylonitrile
Concen: 19.583 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

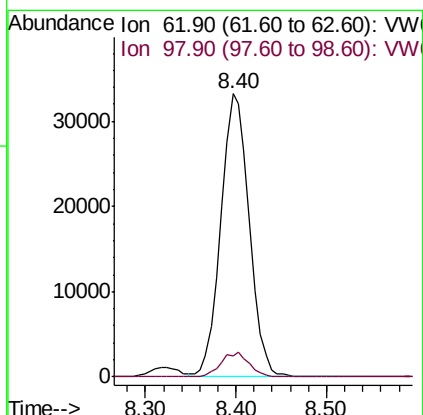
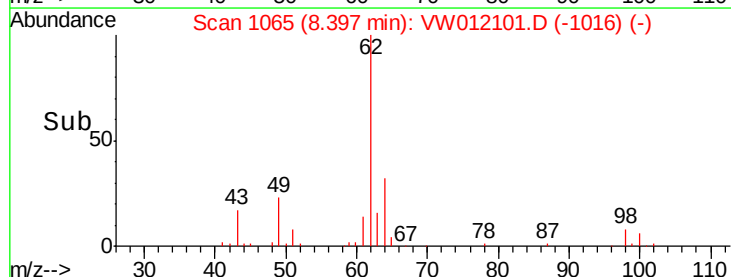
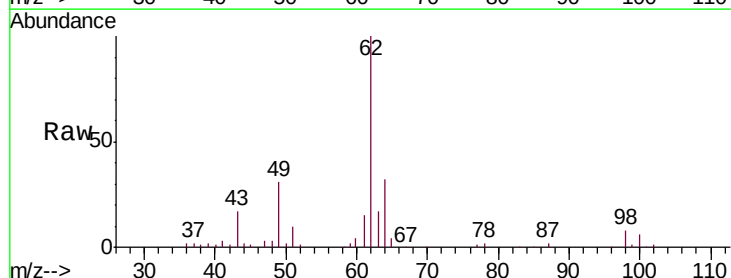
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

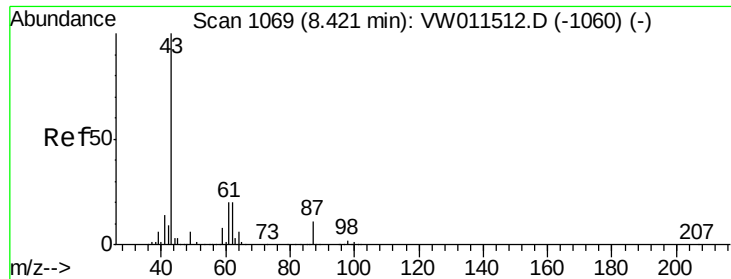
Tgt Ion:	41	Resp:	26559
Ion	Ratio	Lower	Upper
41	100		
39	52.7	43.0	64.4
67	58.9	47.5	71.3
52	27.2	21.0	31.6



#42
1,2-Dichloroethane
Concen: 20.970 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

Tgt Ion:	62	Resp:	72522
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.8





#43

Isopropyl Acetate

Concen: 20.256 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

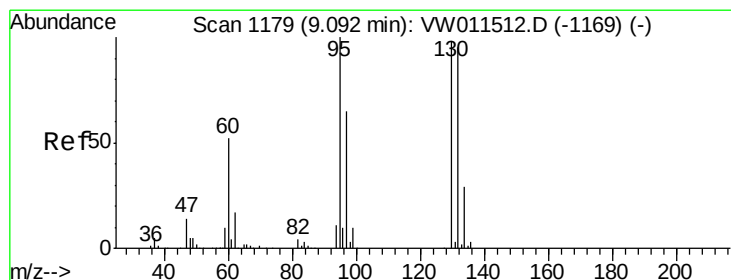
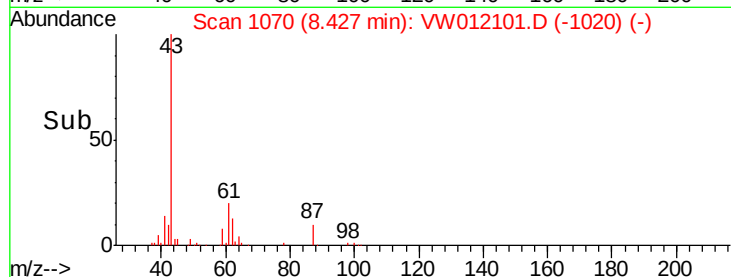
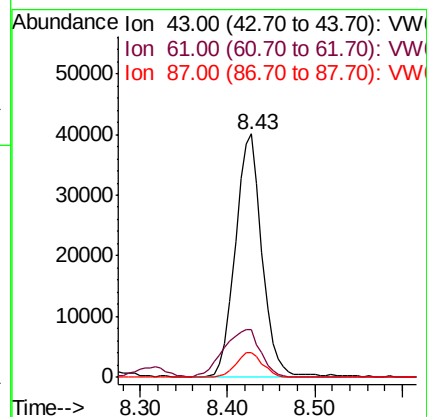
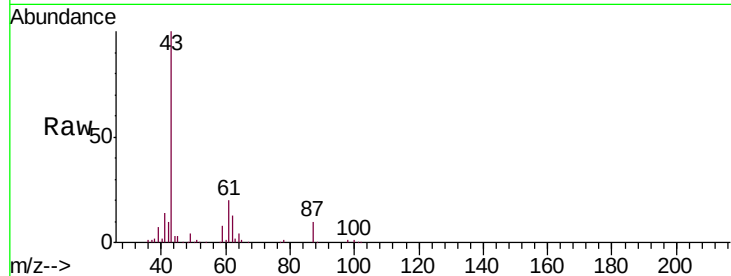
Tgt Ion: 43 Resp: 84519

Ion Ratio Lower Upper

43 100

61 27.4 21.5 32.3

87 10.3 8.4 12.6



#44

Trichloroethene

Concen: 20.765 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012101.D

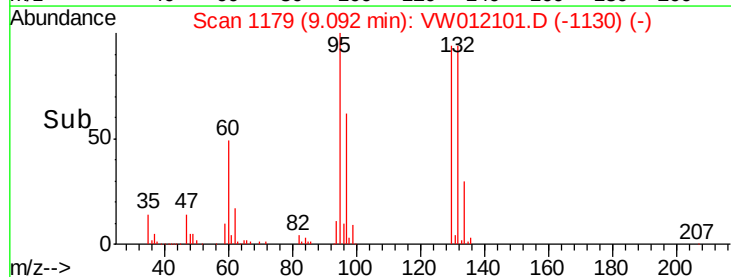
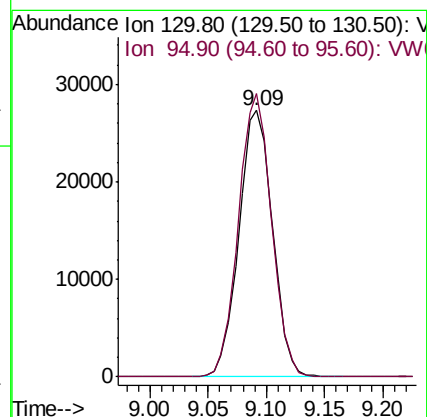
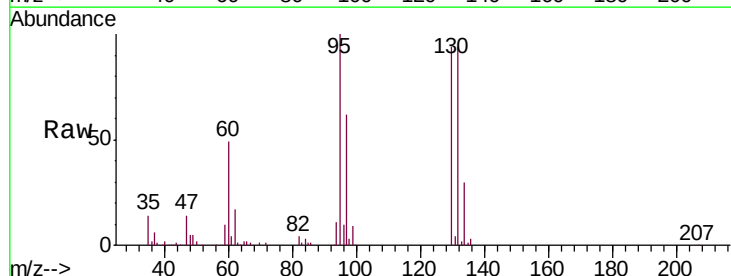
Acq: 22 Aug 2019 11:06

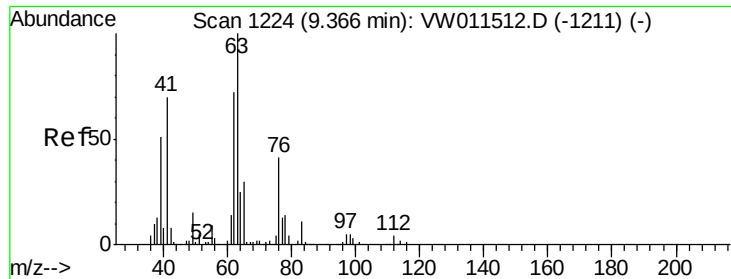
Tgt Ion: 130 Resp: 55130

Ion Ratio Lower Upper

130 100

95 106.2 0.0 204.8

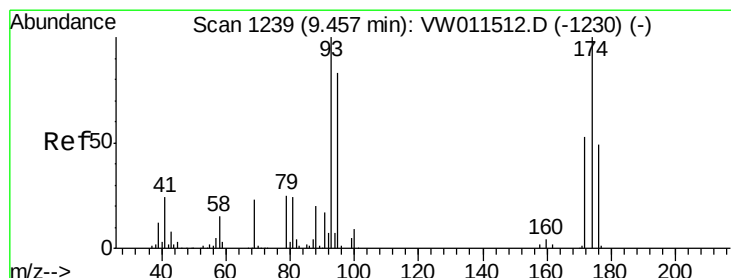
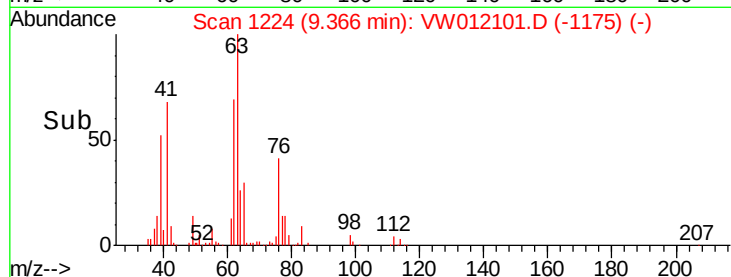
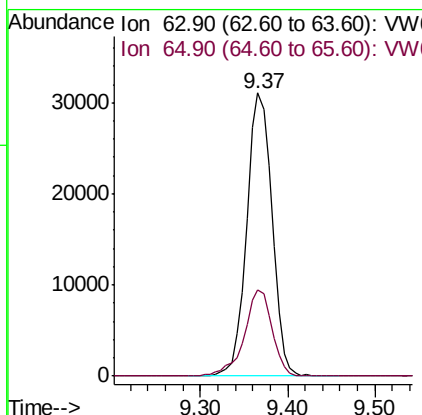
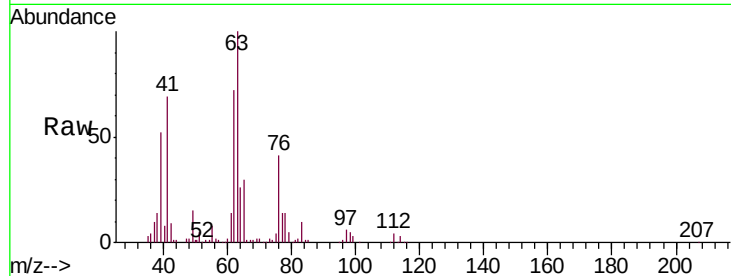




#45
 1,2-Dichloropropane
 Concen: 21.133 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

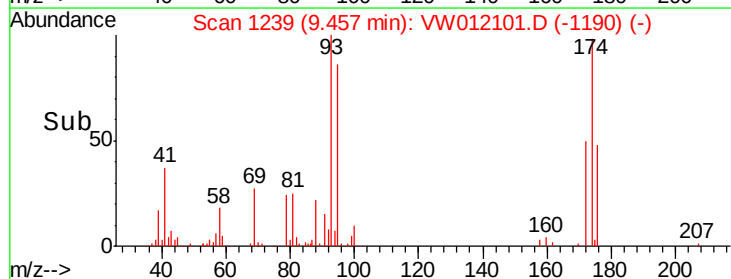
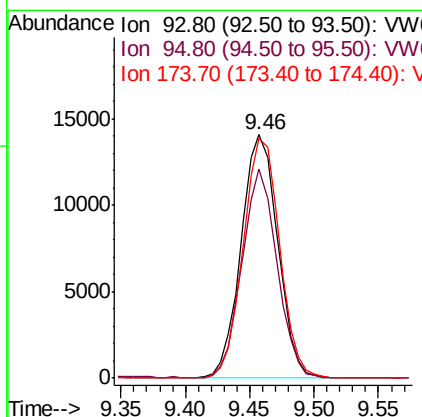
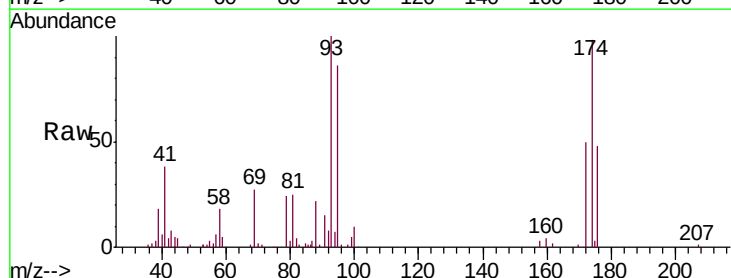
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

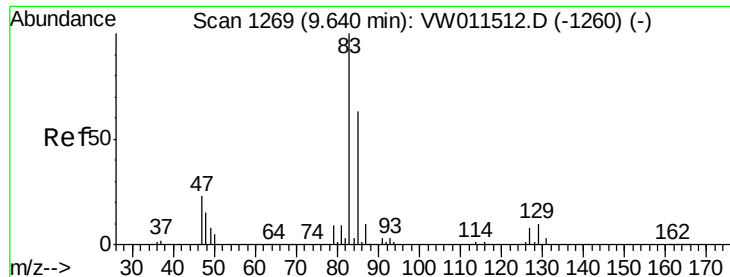
Tgt Ion: 63 Resp: 62461
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.2 36.4



#46
 Dibromomethane
 Concen: 20.567 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Tgt Ion: 93 Resp: 27744
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.2 99.2
 174 97.6 78.2 117.4

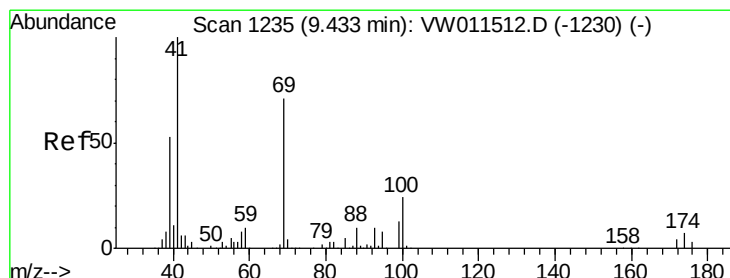
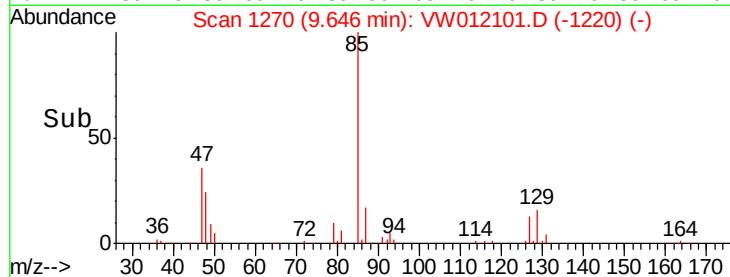
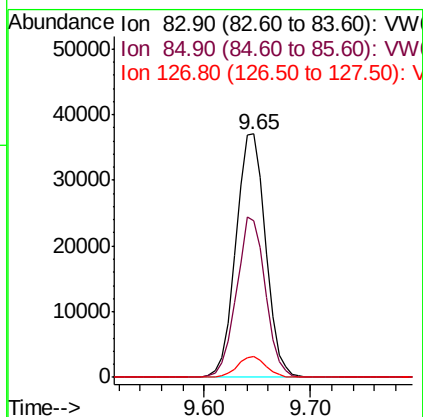
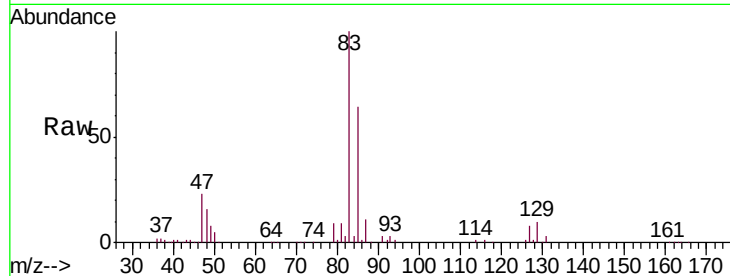




#47
 Bromodichloromethane
 Concen: 20.574 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

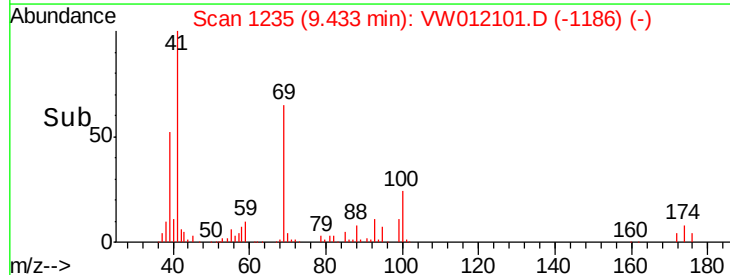
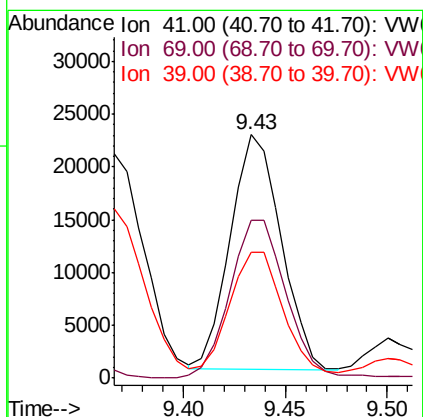
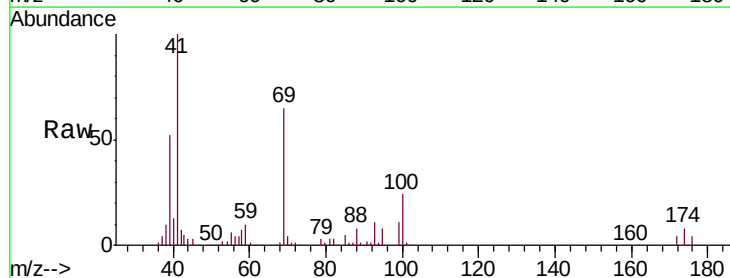
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

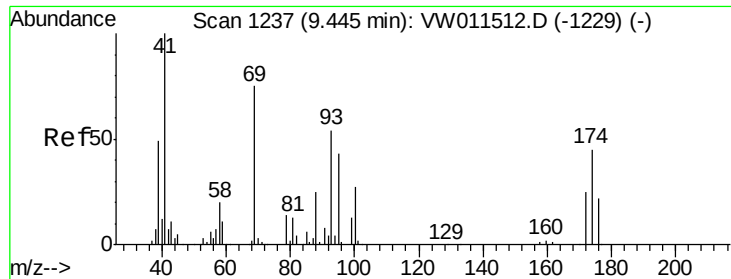
Tgt Ion: 83 Resp: 72804
 Ion Ratio Lower Upper
 83 100
 85 64.4 50.5 75.7
 127 8.5 6.4 9.6



#48
 Methyl methacrylate
 Concen: 19.167 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Tgt Ion: 41 Resp: 38418
 Ion Ratio Lower Upper
 41 100
 69 75.7 57.1 85.7
 39 52.8 45.4 68.2





#49

1,4-Dioxane

Concen: 426.520 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

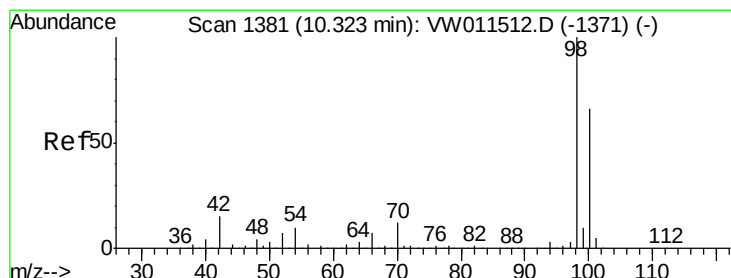
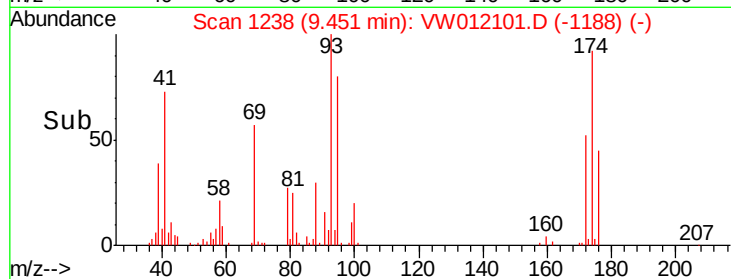
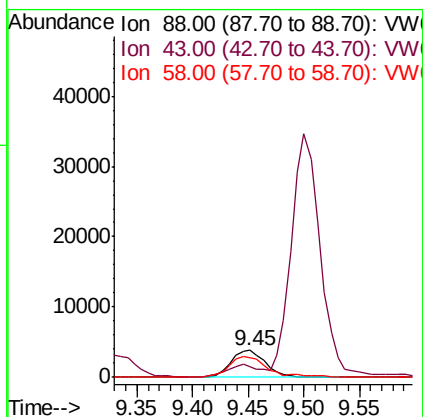
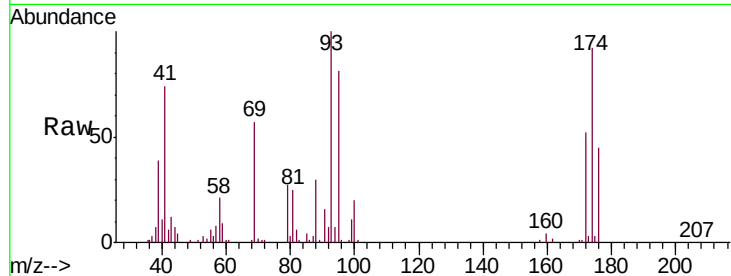
Tgt Ion: 88 Resp: 8331

Ion Ratio Lower Upper

88 100

43 38.7 34.0 51.0

58 84.1 69.7 104.5



#50

Toluene-d8

Concen: 51.082 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012101.D

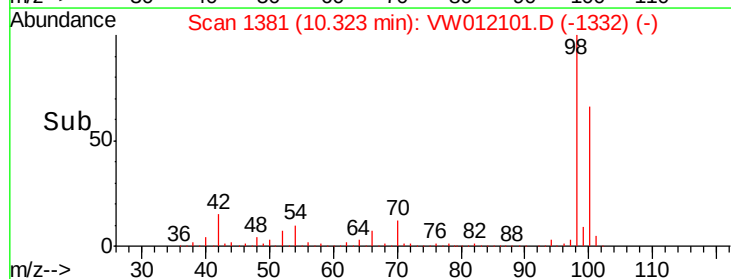
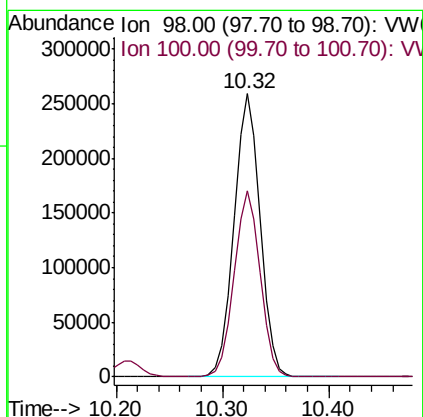
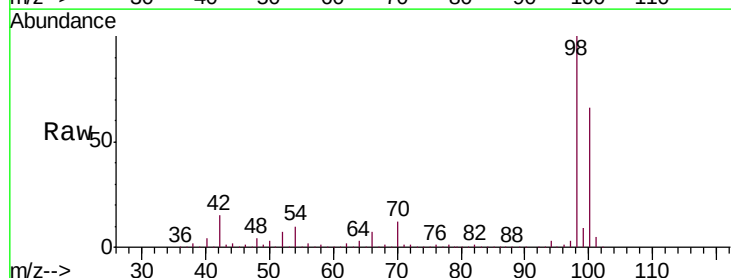
Acq: 22 Aug 2019 11:06

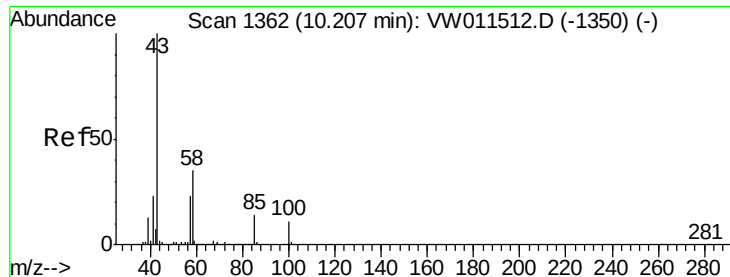
Tgt Ion: 98 Resp: 444999

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1

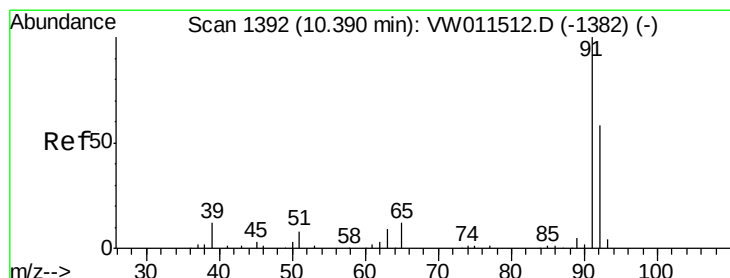
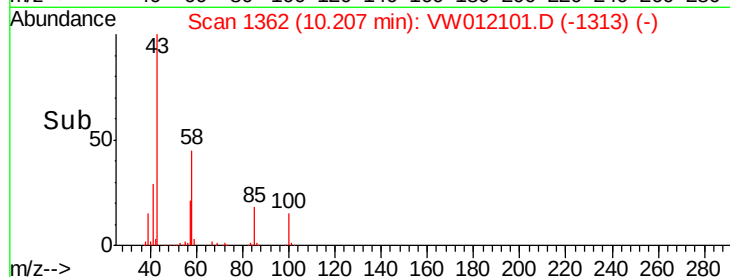
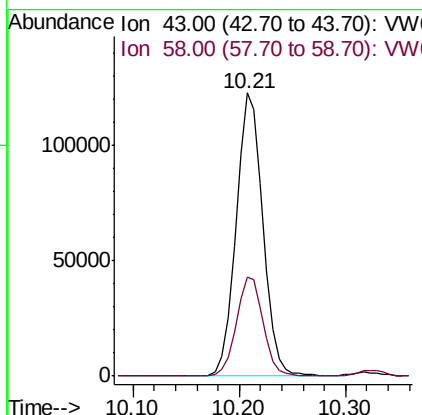
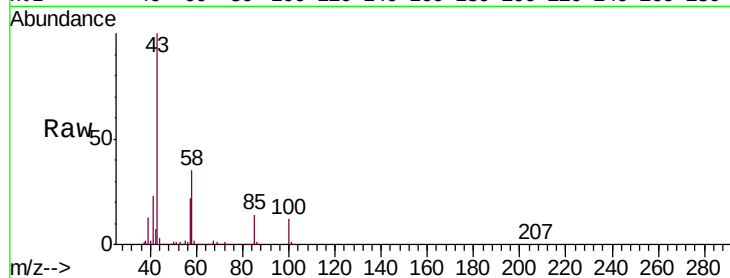




#51
 4-Methyl-2-Pentanone
 Concen: 99.403 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

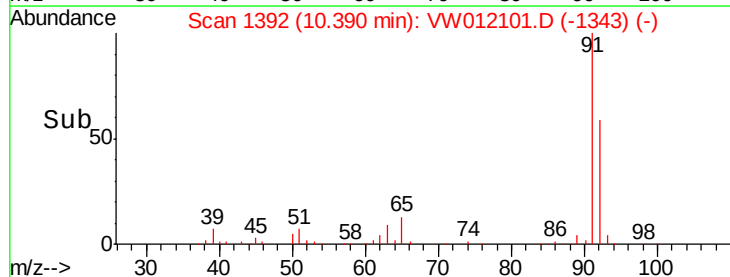
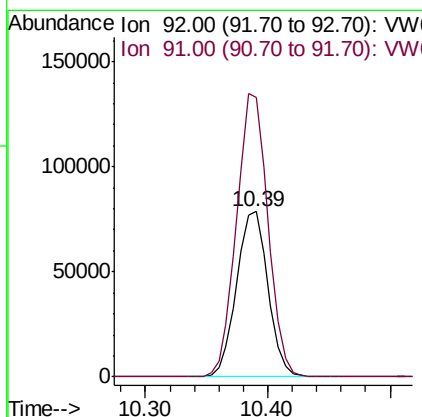
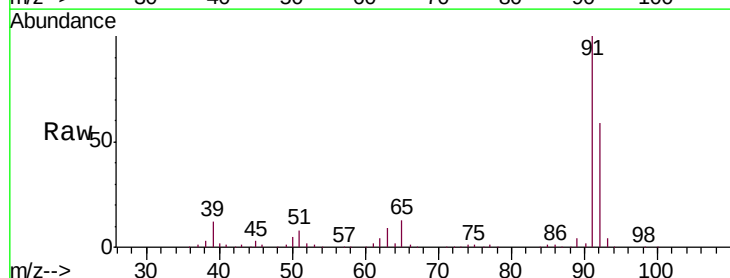
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0822SBSD01

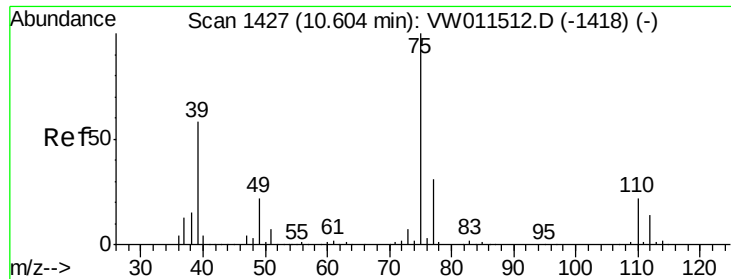
Tgt Ion: 43 Resp: 215740
 Ion Ratio Lower Upper
 43 100
 58 35.1 28.2 42.2



#52
 Toluene
 Concen: 20.922 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Tgt Ion: 92 Resp: 139564
 Ion Ratio Lower Upper
 92 100
 91 172.2 136.7 205.1

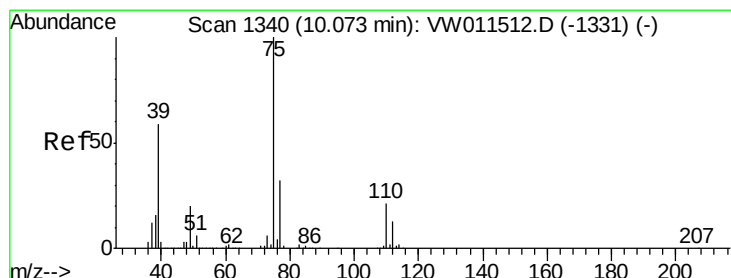
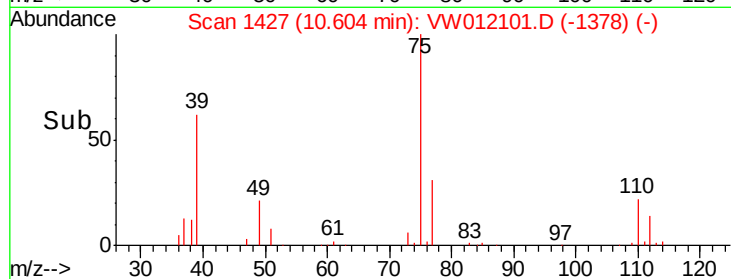
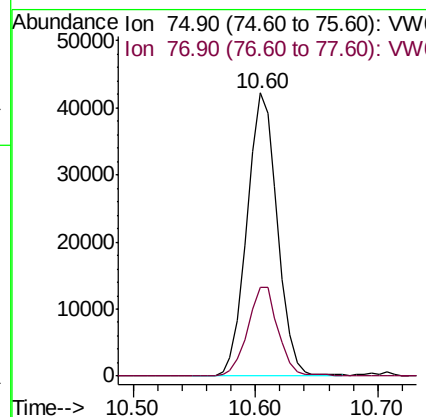
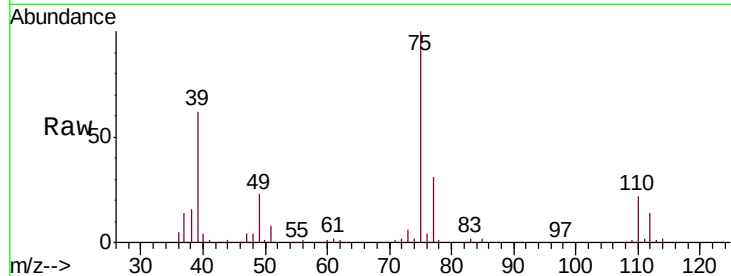




#53
 t-1,3-Dichloropropene
 Concen: 19.692 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

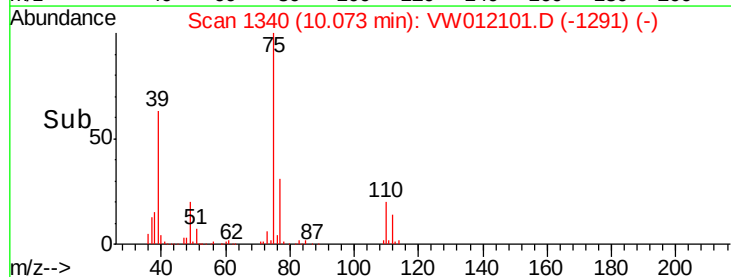
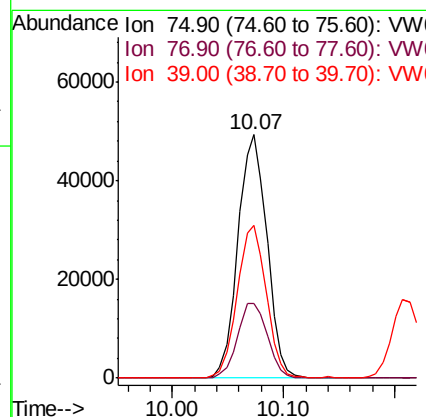
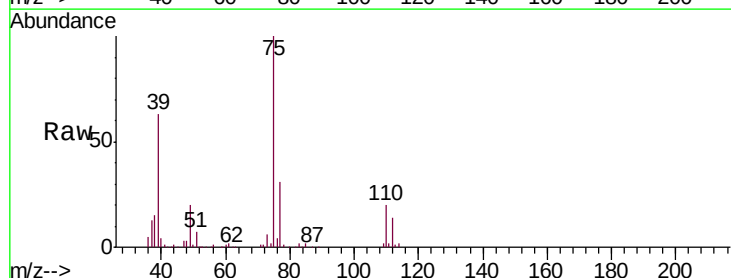
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

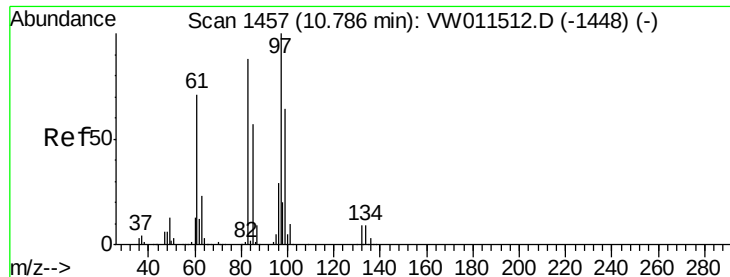
Tgt Ion: 75 Resp: 72789
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.197 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Tgt Ion: 75 Resp: 88767
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.6 38.4
 39 62.5 47.0 70.4





#55

1,1,2-Trichloroethane

Concen: 20.795 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampled :

VW0822SBSD01

Tgt Ion: 97 Resp: 39802

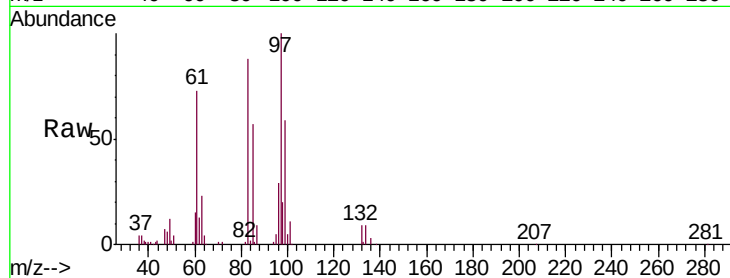
Ion Ratio Lower Upper

97 100

83 88.3 70.5 105.7

85 57.3 45.8 68.6

99 59.3 51.0 76.4

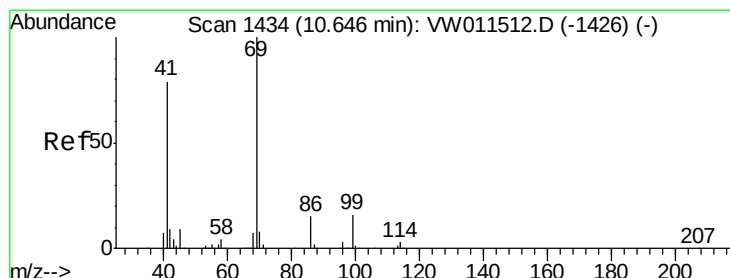
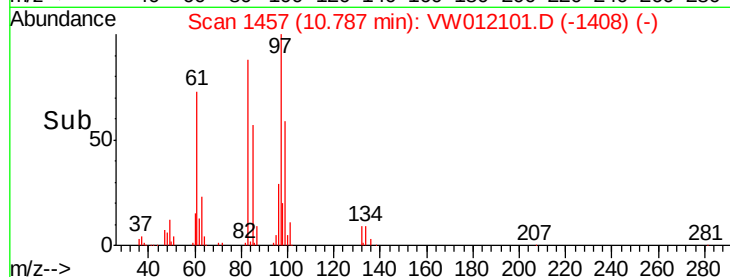
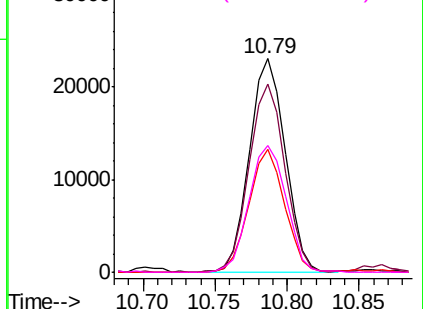


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 19.679 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

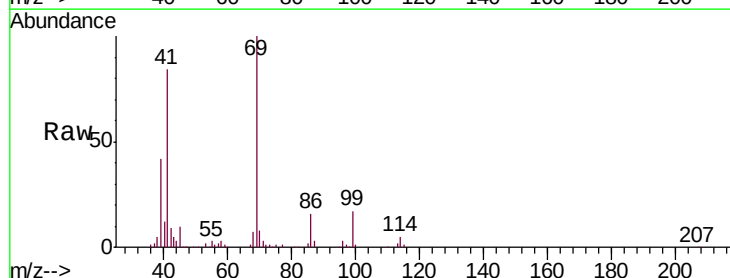
Tgt Ion: 69 Resp: 55116

Ion Ratio Lower Upper

69 100

41 86.5 66.6 99.8

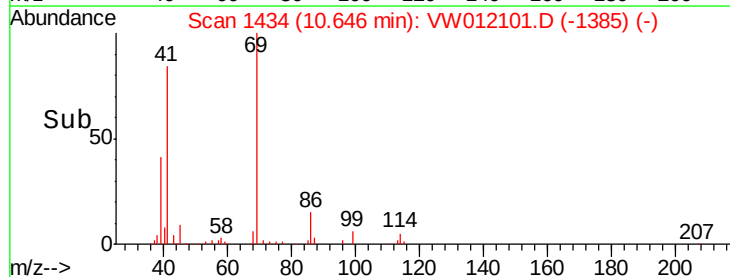
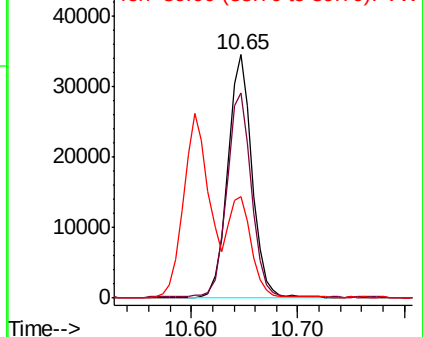
39 39.0 30.3 45.5

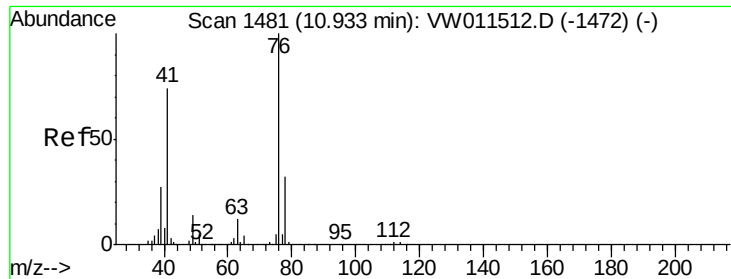


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

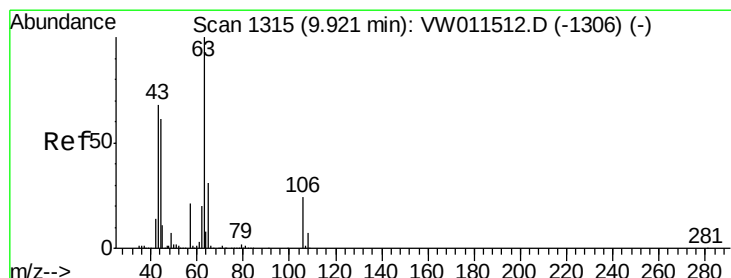
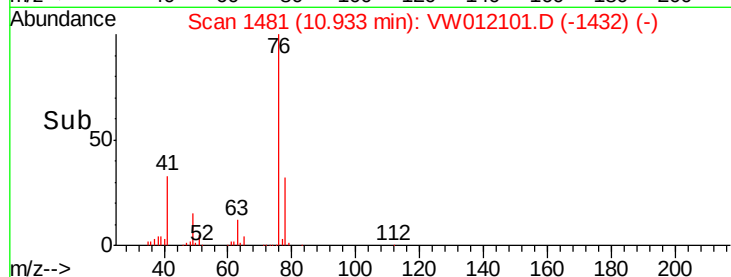
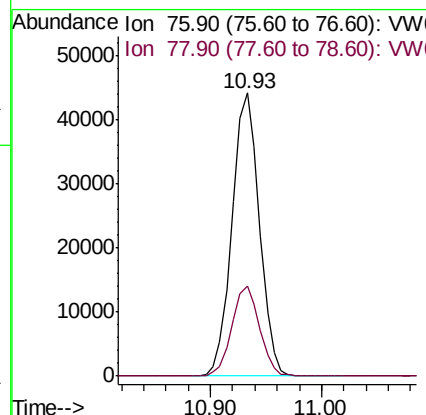
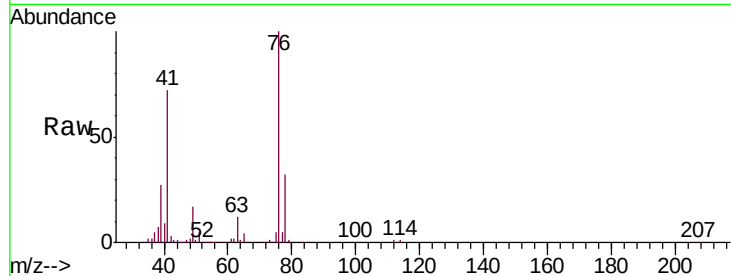




#57
 1,3-Dichloropropane
 Concen: 20.737 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

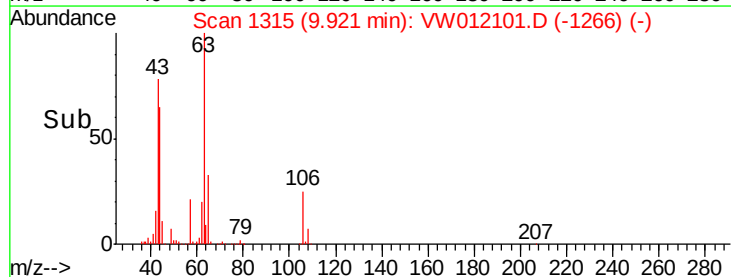
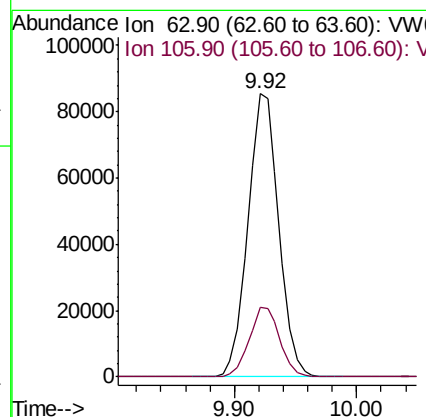
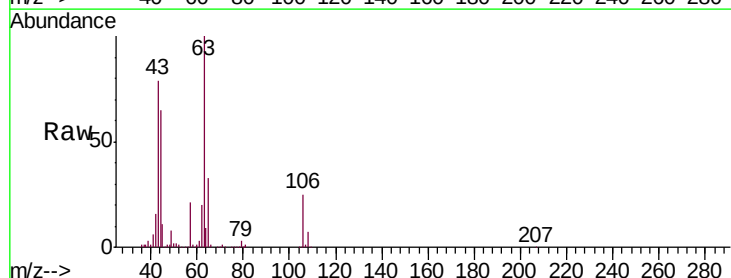
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

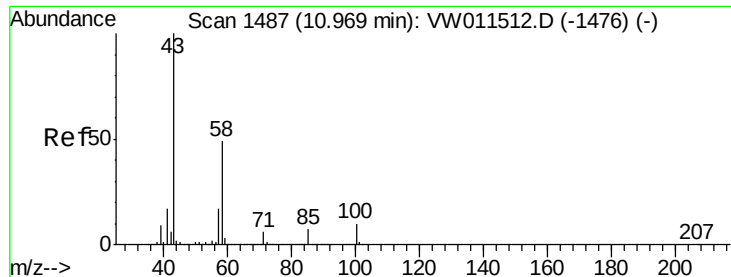
Tgt Ion: 76 Resp: 75092
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.346 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Tgt Ion: 63 Resp: 149227
 Ion Ratio Lower Upper
 63 100
 106 24.4 19.7 29.5

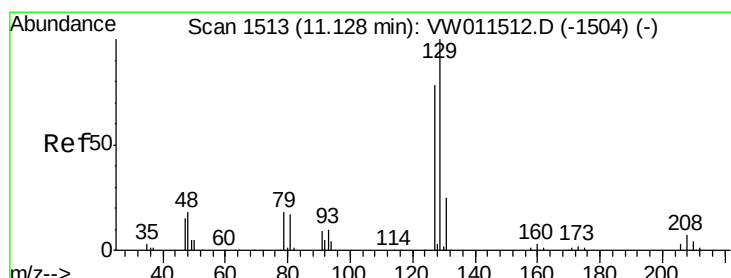
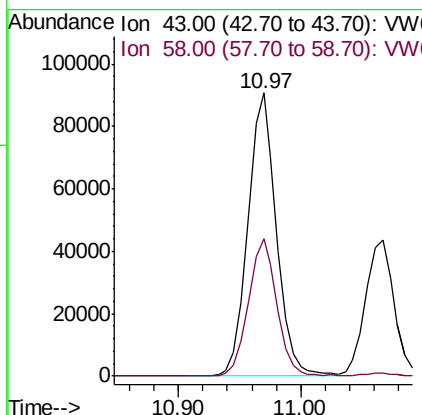
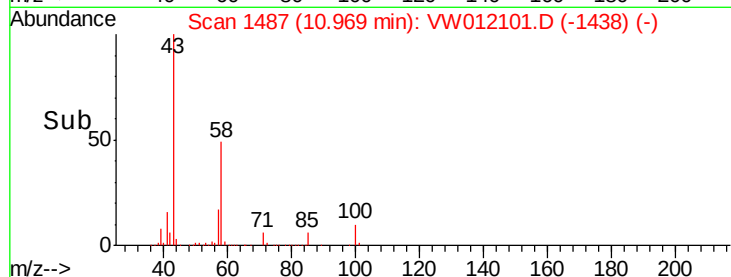
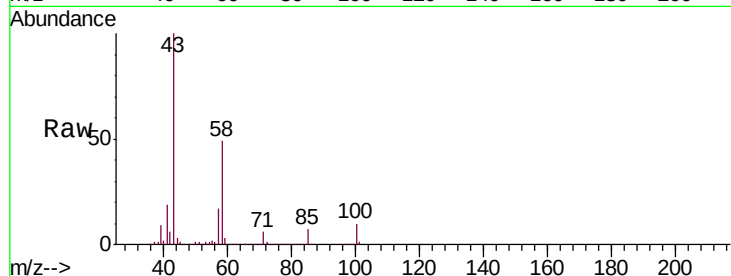




#59
2-Hexanone
Concen: 95.747 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

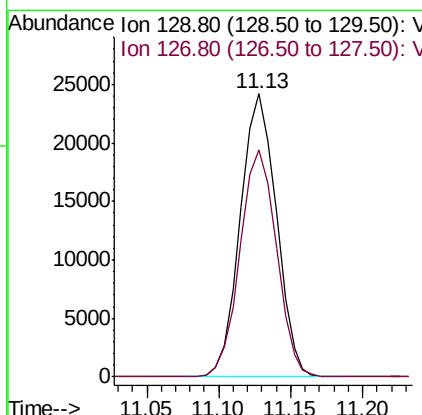
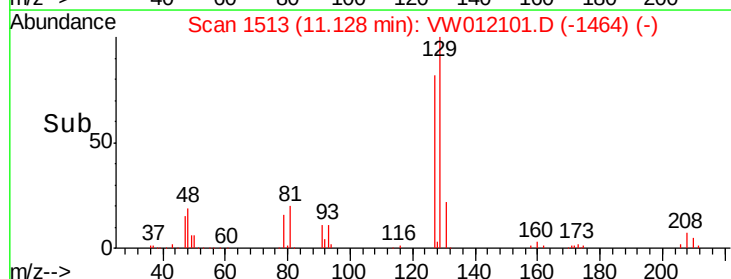
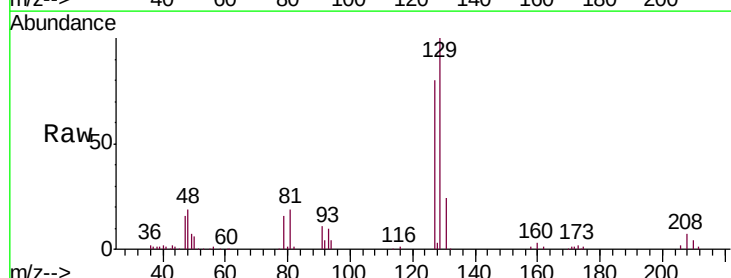
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

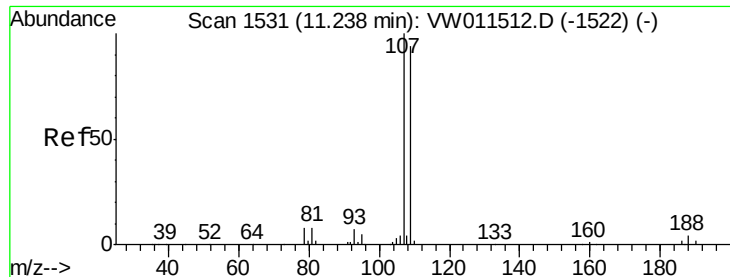
Tgt Ion: 43 Resp: 146725
Ion Ratio Lower Upper
43 100
58 48.5 24.3 72.9



#60
Dibromochloromethane
Concen: 19.846 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

Tgt Ion: 129 Resp: 42165
Ion Ratio Lower Upper
129 100
127 81.1 38.9 116.7

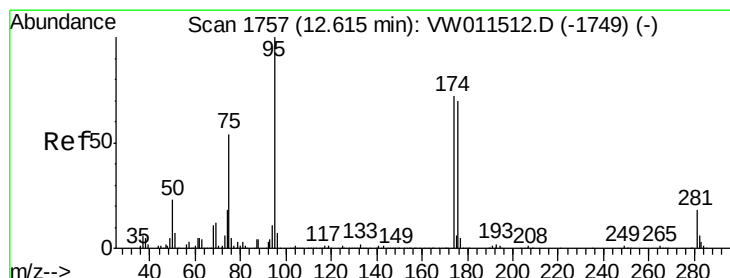
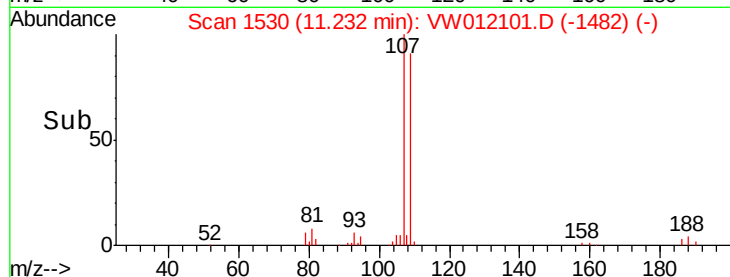
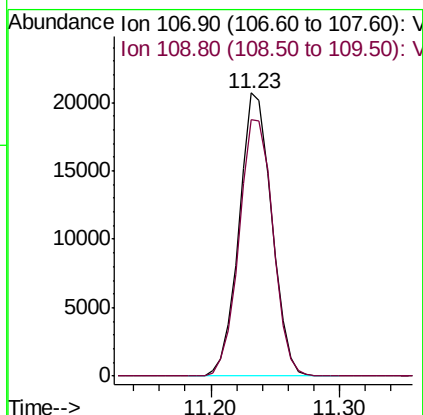
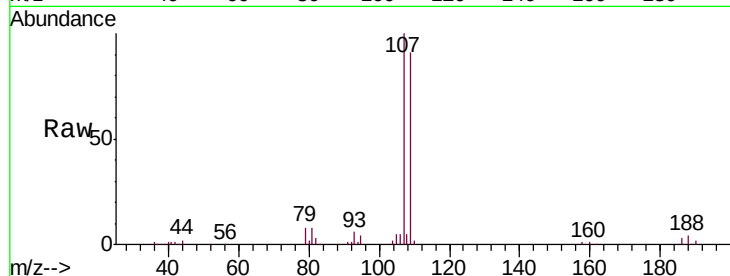




#61
 1,2-Dibromoethane
 Concen: 20.018 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

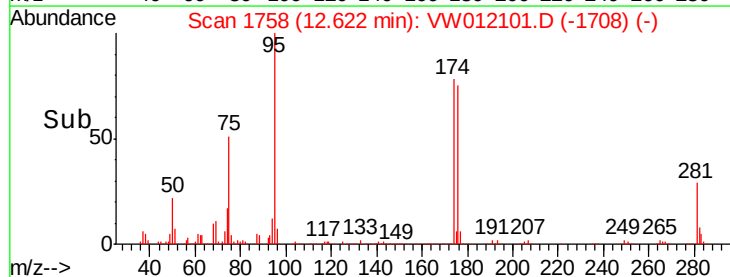
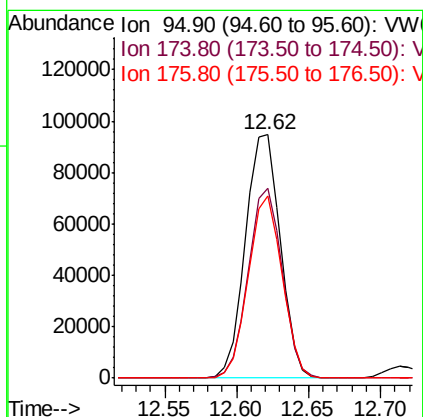
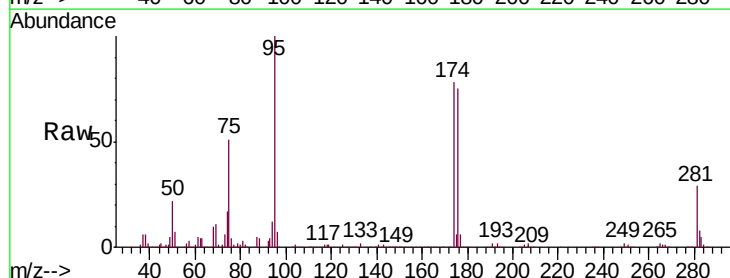
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

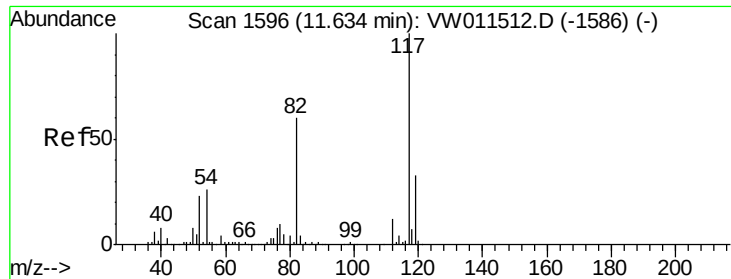
Tgt Ion: 107 Resp: 36259
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.194 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Tgt Ion: 95 Resp: 158998
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 150.2
 176 72.3 0.0 144.4

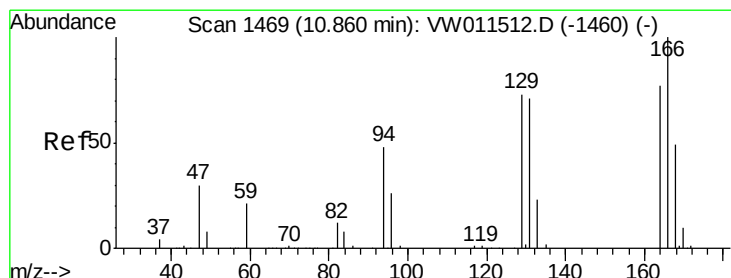
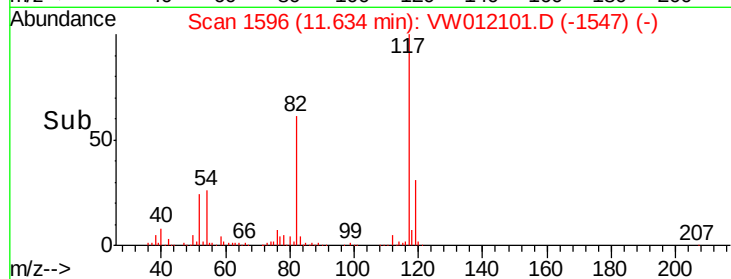
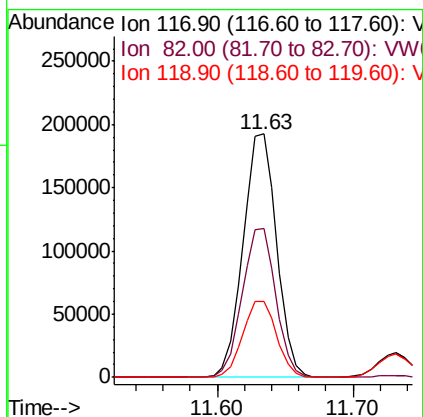
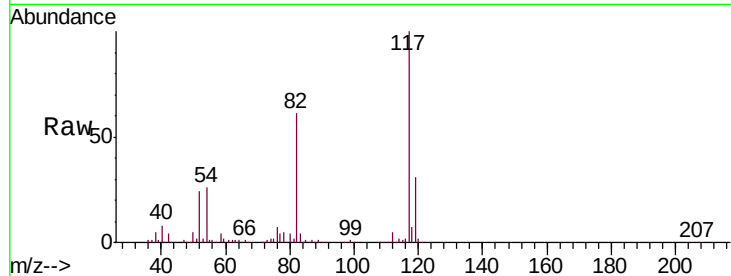




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

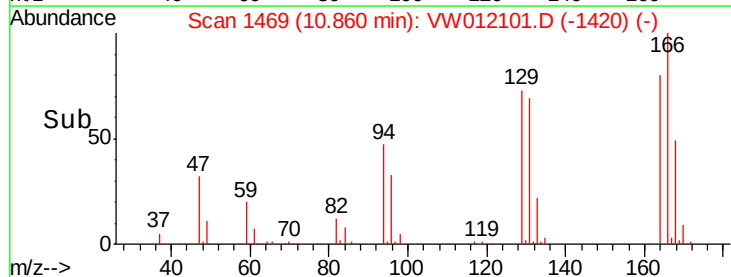
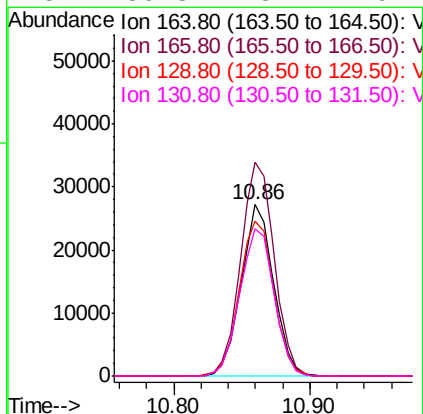
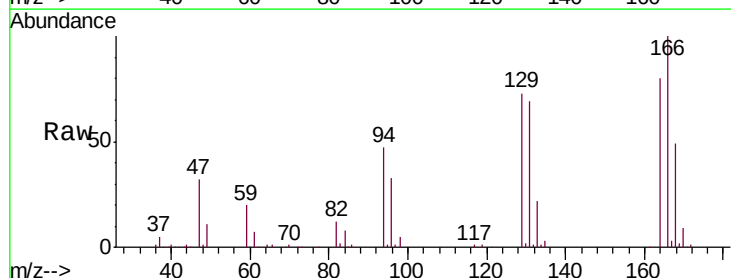
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

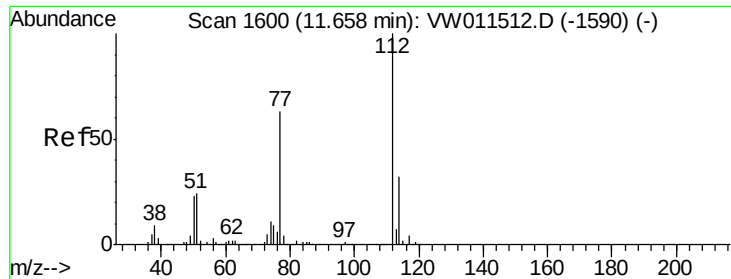
Tgt Ion:117 Resp: 333051
Ion Ratio Lower Upper
117 100
82 61.0 47.9 71.9
119 31.4 26.2 39.2



#64
Tetrachloroethene
Concen: 20.853 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

Tgt Ion:164 Resp: 45220
Ion Ratio Lower Upper
164 100
166 124.6 103.5 155.3
129 90.4 75.2 112.8
131 85.8 73.4 110.2

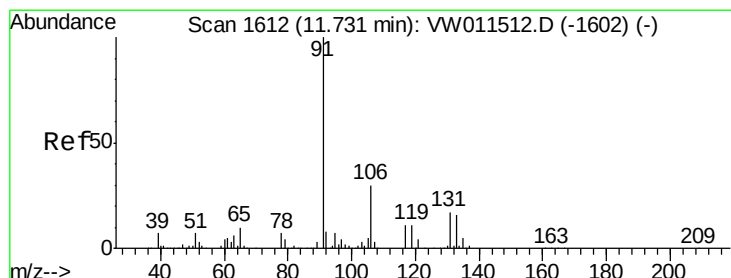
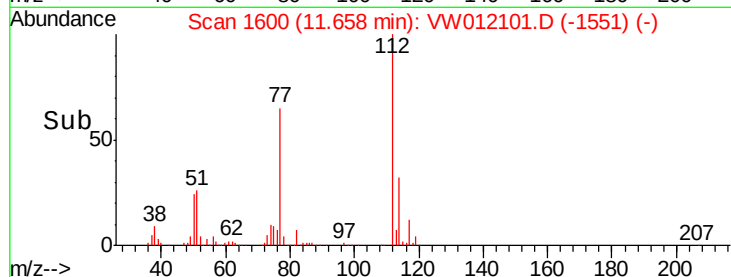
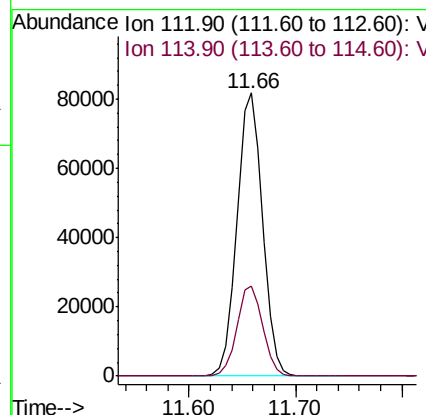
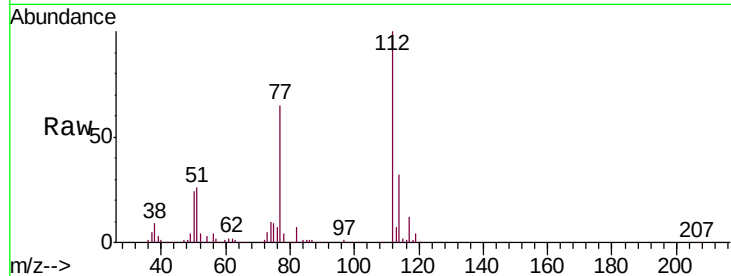




#65
Chlorobenzene
Concen: 20.619 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

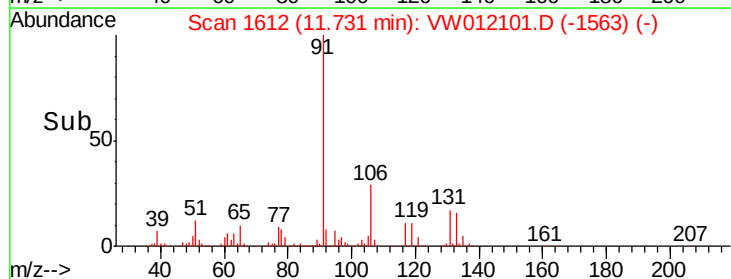
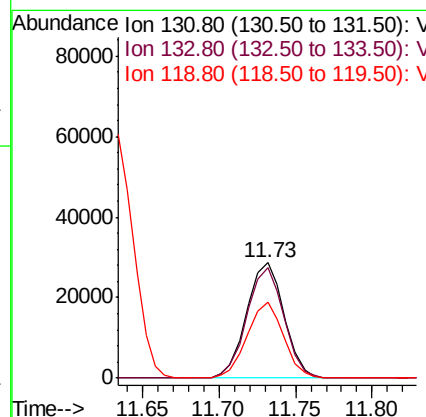
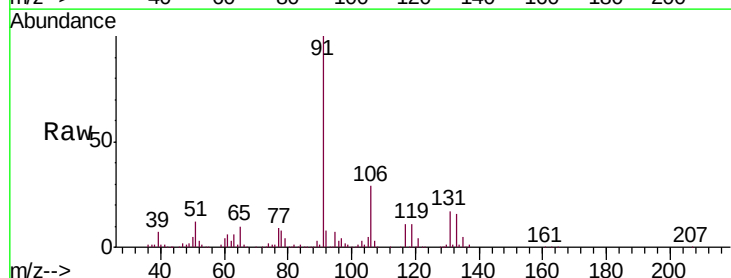
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

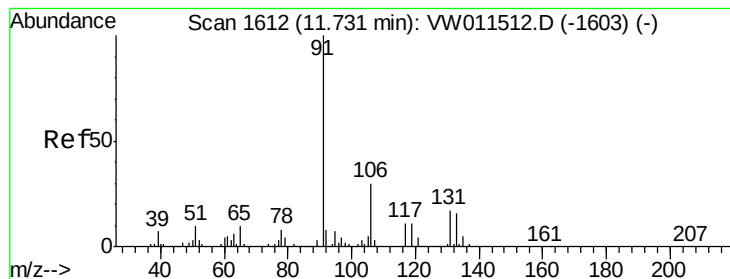
Tgt Ion:112 Resp: 138065
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.869 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

Tgt Ion:131 Resp: 48673
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.2
119 64.4 32.3 96.9





#67

Ethyl Benzene

Concen: 21.008 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

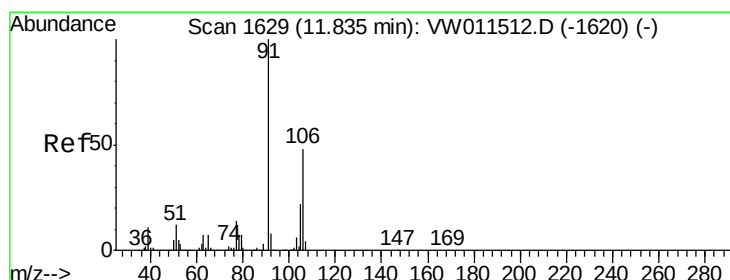
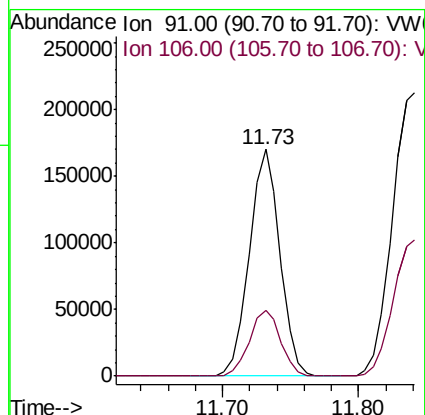
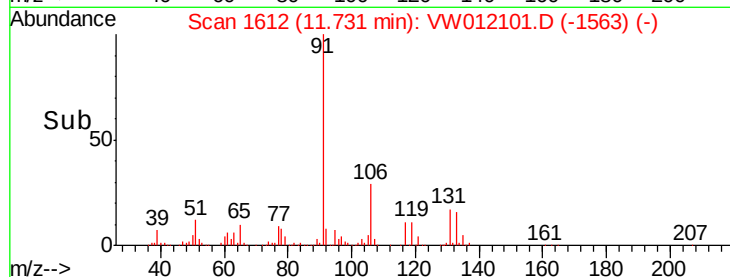
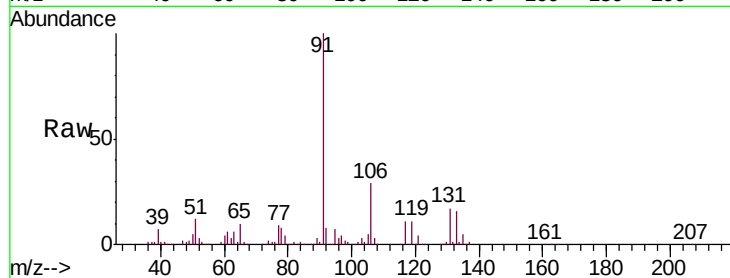
VW0822SBSD01

Tgt Ion: 91 Resp: 267904

Ion Ratio Lower Upper

91 100

106 29.2 23.8 35.6



#68

m/p-Xylenes

Concen: 41.808 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW012101.D

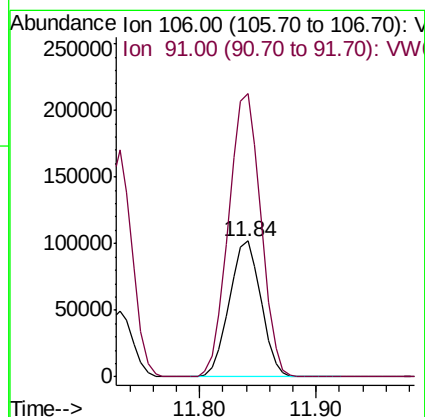
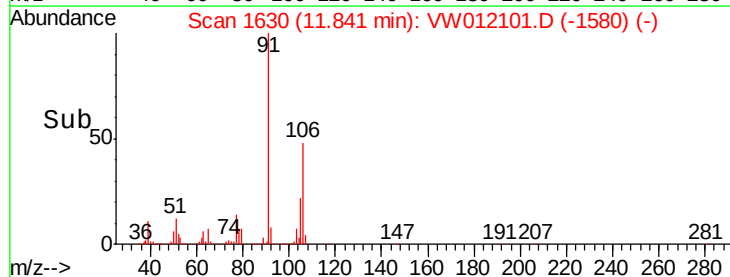
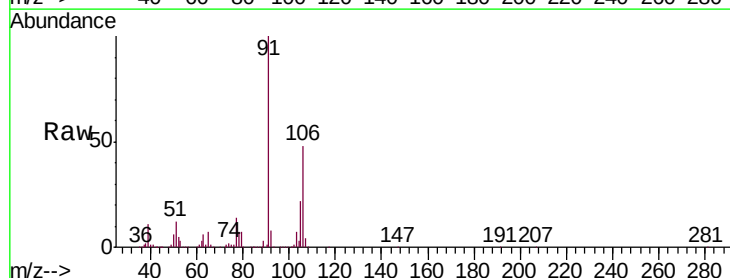
Acq: 22 Aug 2019 11:06

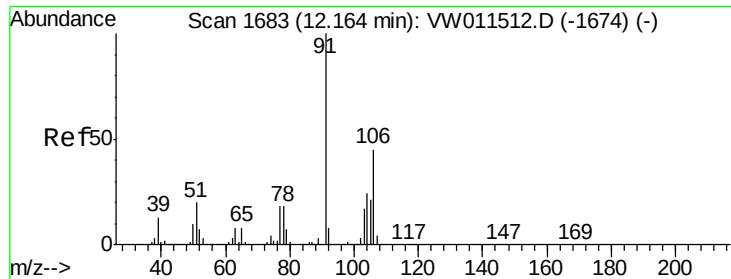
Tgt Ion: 106 Resp: 193893

Ion Ratio Lower Upper

106 100

91 211.3 168.2 252.2

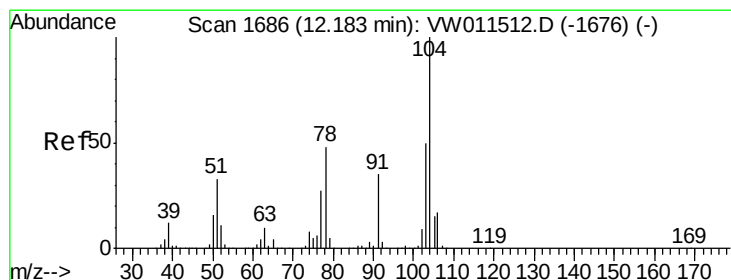
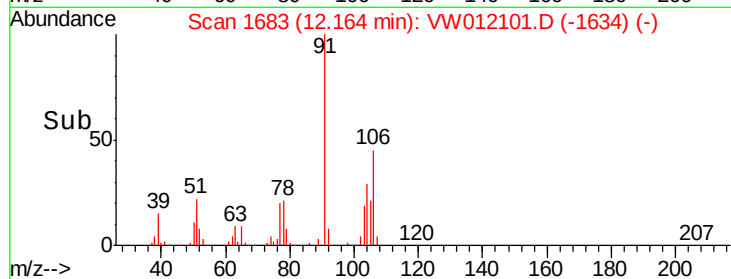
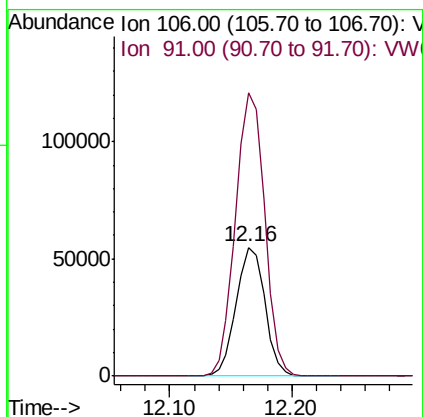
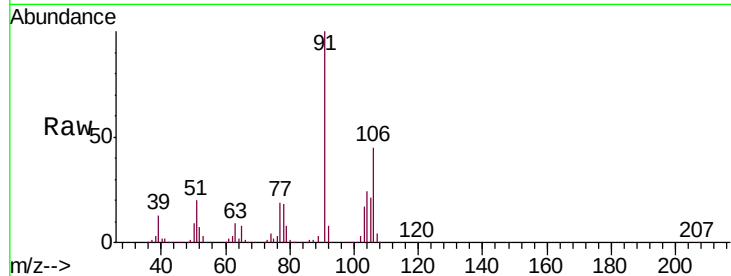




#69
o-Xylene
Concen: 20.847 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

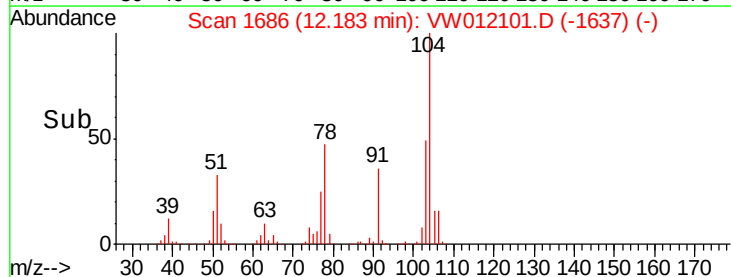
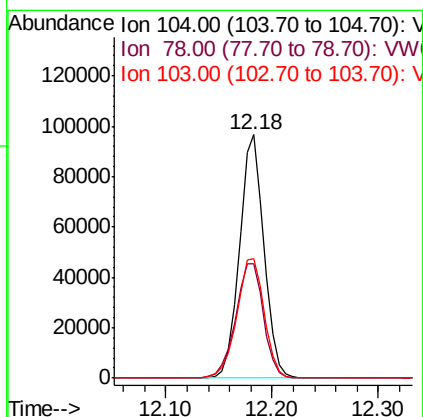
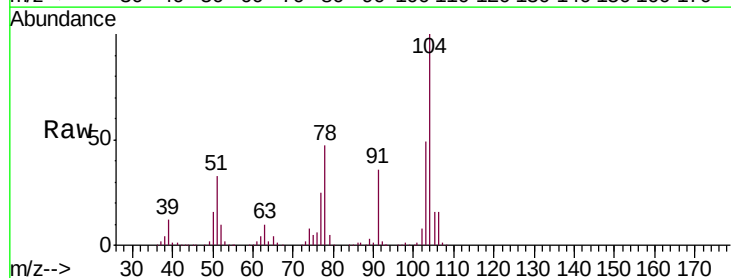
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

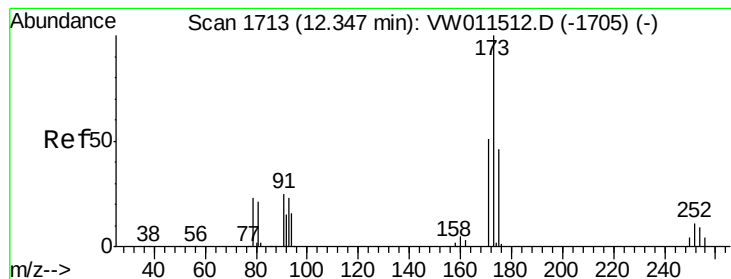
Tgt Ion:106 Resp: 89842
Ion Ratio Lower Upper
106 100
91 223.2 110.5 331.5



#70
Styrene
Concen: 20.872 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

Tgt Ion:104 Resp: 155523
Ion Ratio Lower Upper
104 100
78 53.7 43.4 65.0
103 55.3 43.9 65.9





#71

Bromoform

Concen: 19.995 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampled :

VW0822SBSD01

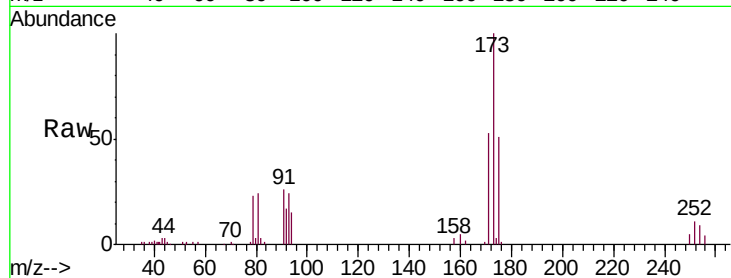
Tgt Ion:173 Resp: 23778

Ion Ratio Lower Upper

173 100

175 48.5 23.6 71.0

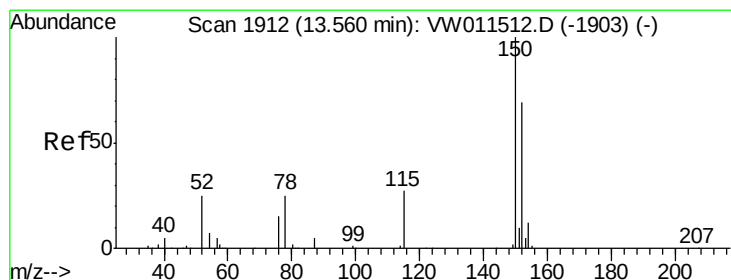
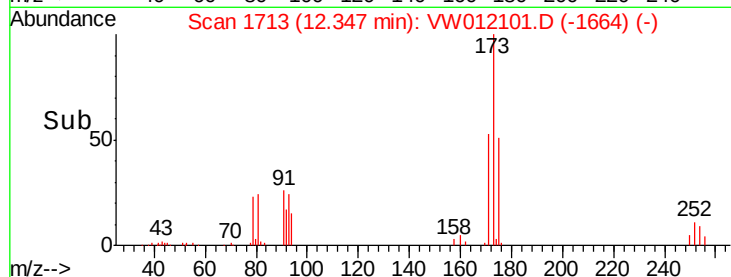
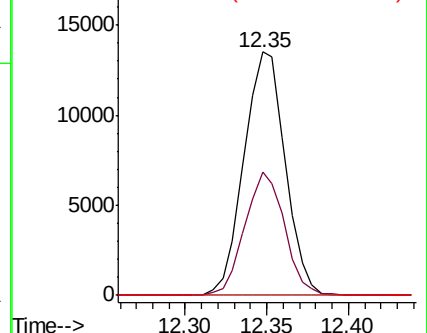
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

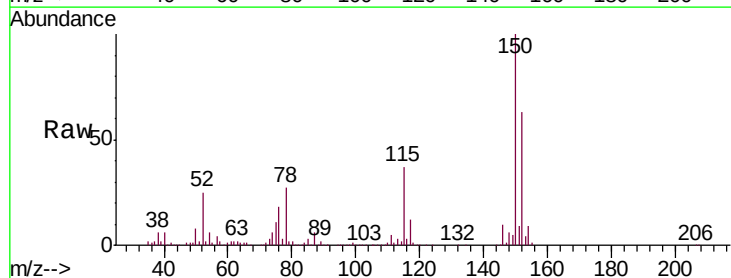
Tgt Ion:152 Resp: 158898

Ion Ratio Lower Upper

152 100

115 60.1 30.5 91.5

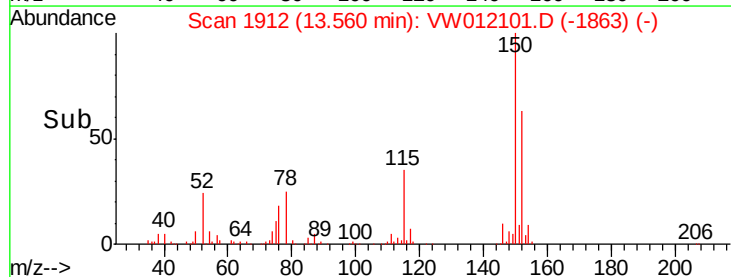
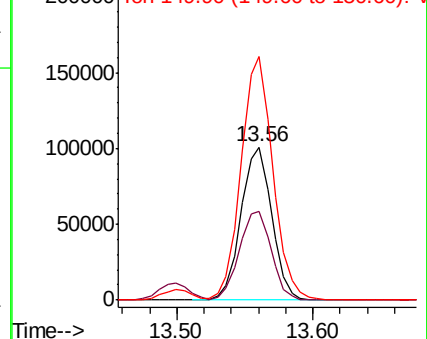
150 164.6 0.0 352.6

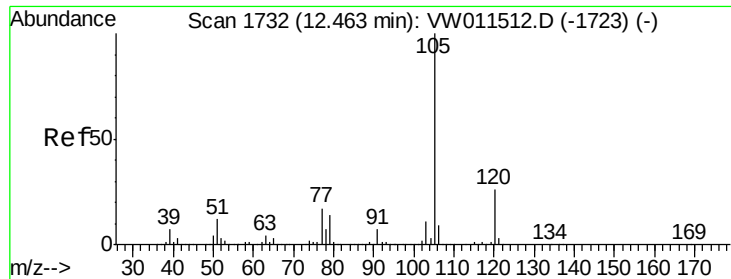


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.202 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

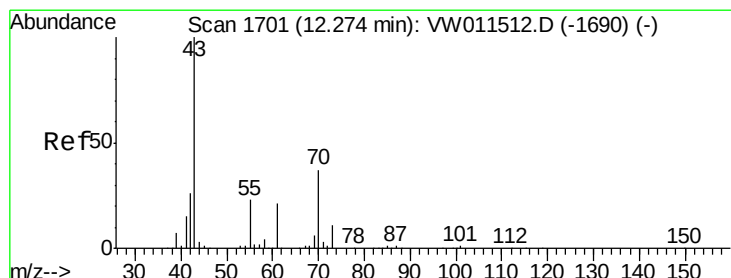
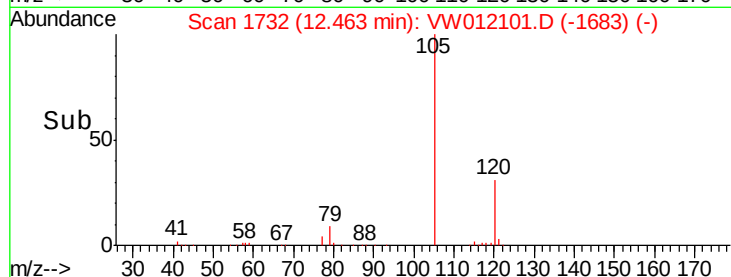
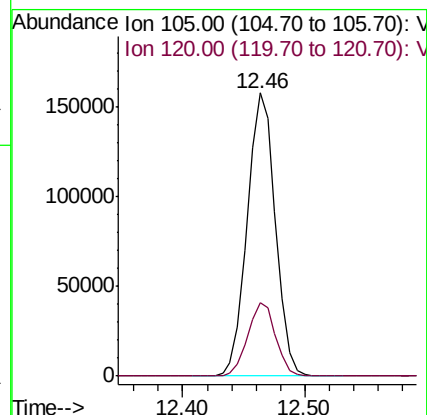
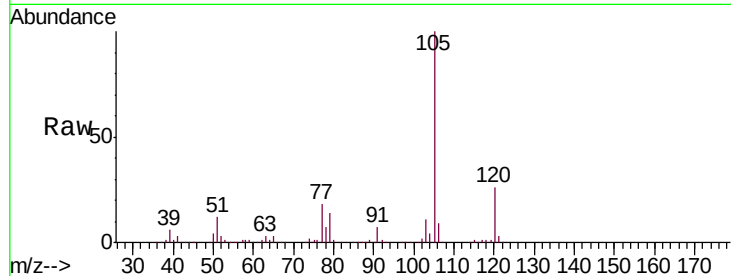
VW0822SBSD01

Tgt Ion: 105 Resp: 251335

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7



#74

N-ethyl acetate

Concen: 19.907 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Tgt Ion: 43 Resp: 73880

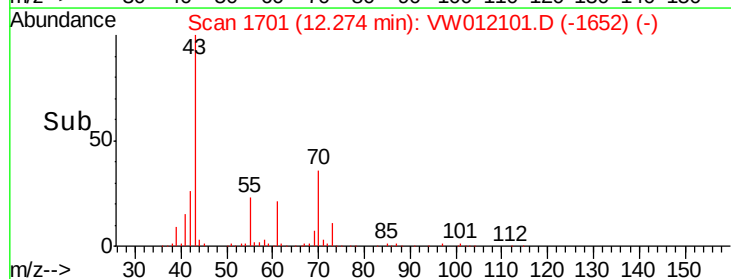
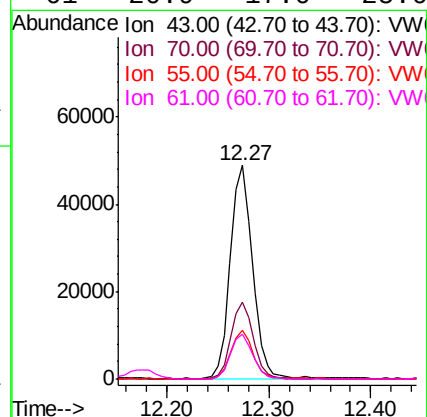
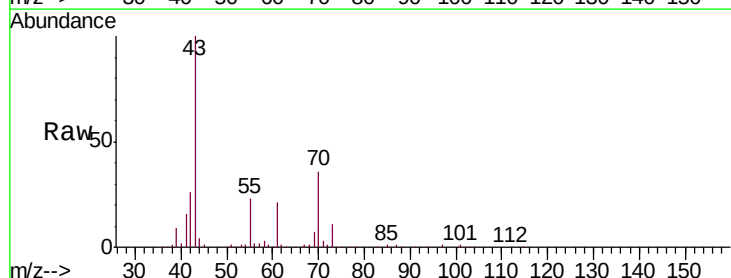
Ion Ratio Lower Upper

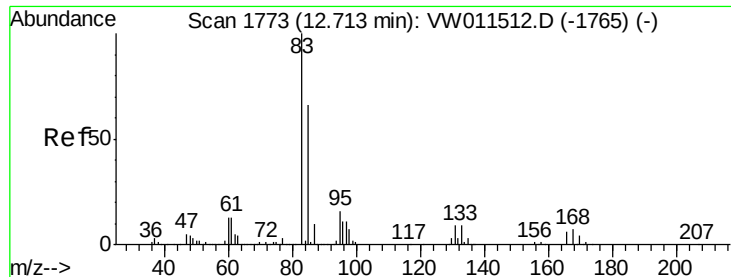
43 100

70 36.0 28.6 43.0

55 23.0 17.8 26.8

61 20.9 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.893 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampled :

VW0822SBSD01

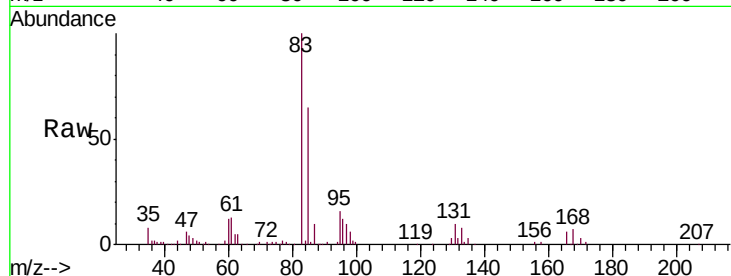
Tgt Ion: 83 Resp: 46586

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.6

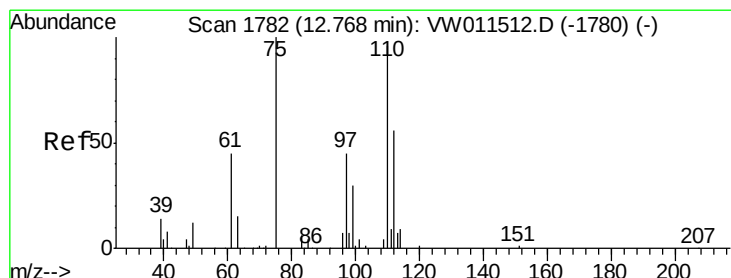
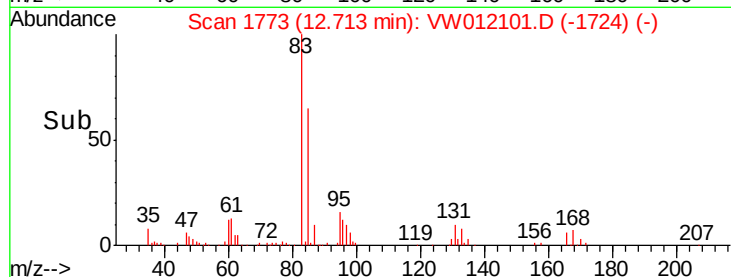
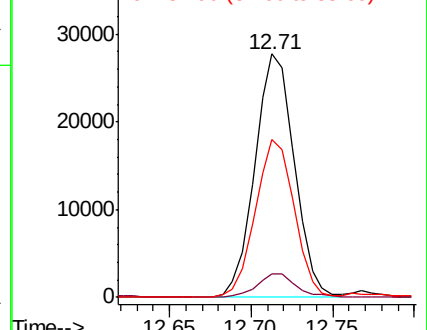
85 63.9 31.8 95.4



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: 35.994 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012101.D

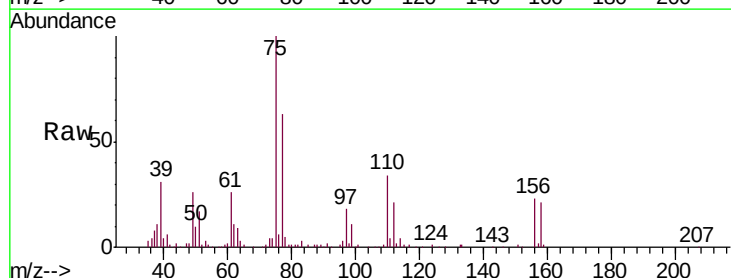
Acq: 22 Aug 2019 11:06

Tgt Ion: 75 Resp: 60518

Ion Ratio Lower Upper

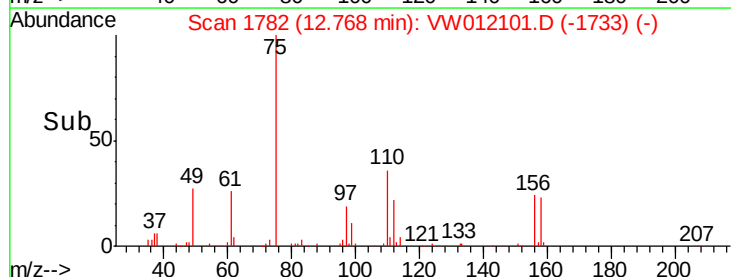
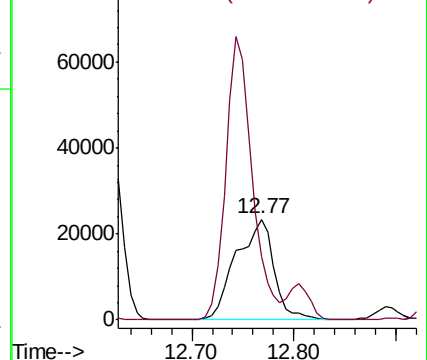
75 100

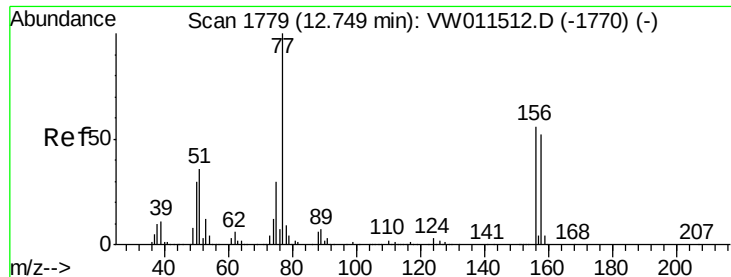
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.229 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

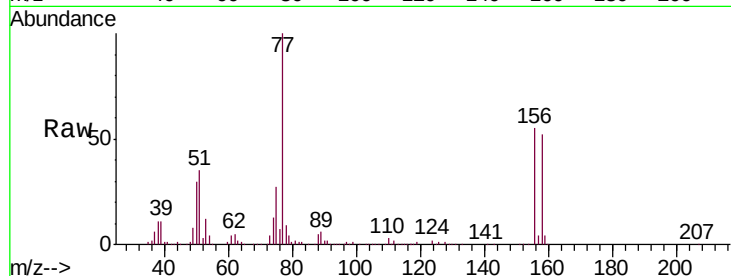
Tgt Ion:156 Resp: 55623

Ion Ratio Lower Upper

156 100

77 213.6 106.5 319.4

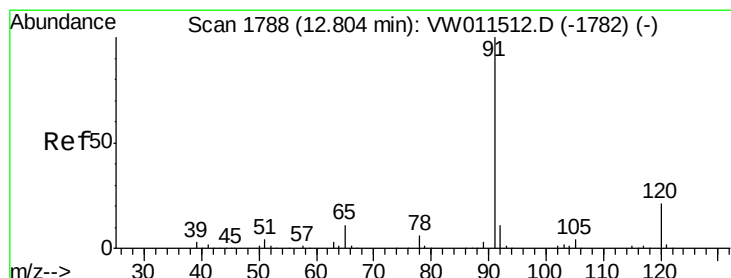
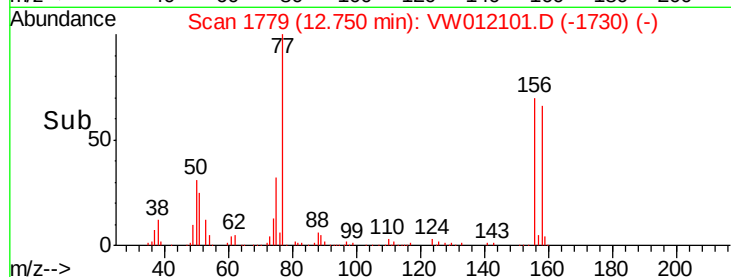
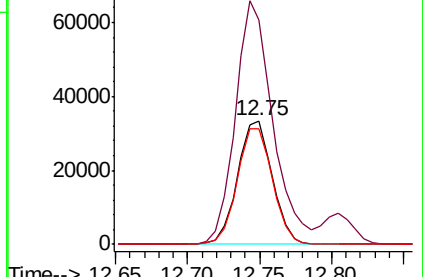
158 95.6 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.510 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012101.D

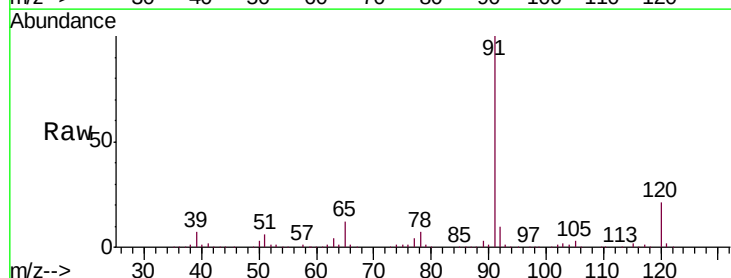
Acq: 22 Aug 2019 11:06

Tgt Ion: 91 Resp: 310312

Ion Ratio Lower Upper

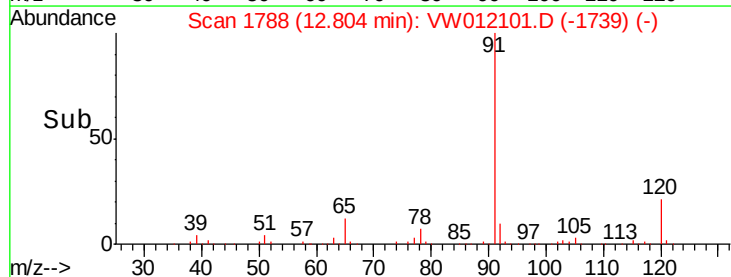
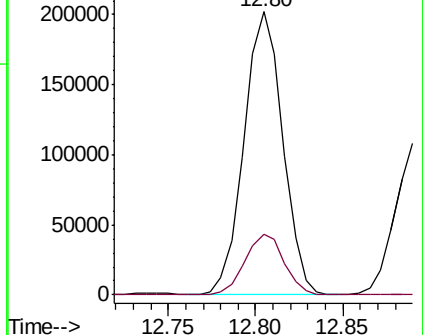
91 100

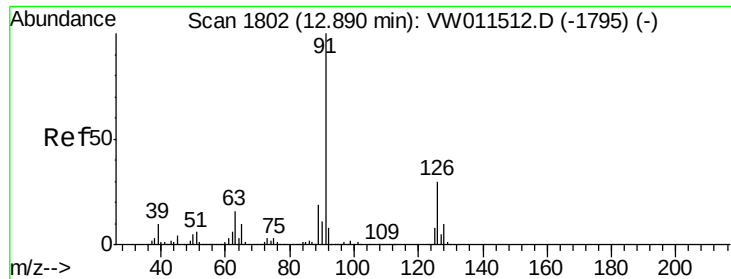
120 21.6 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.179 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

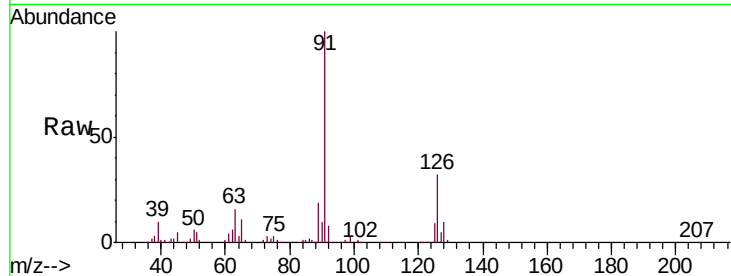
VW0822SBSD01

Tgt Ion: 91 Resp: 176020

Ion Ratio Lower Upper

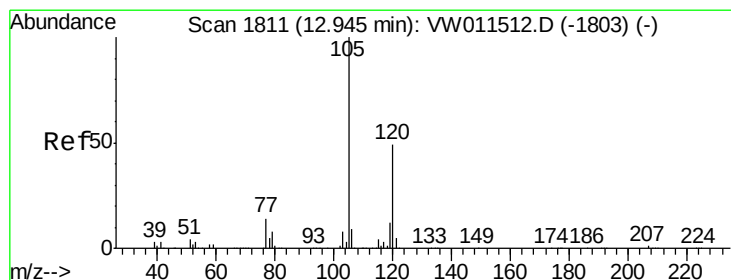
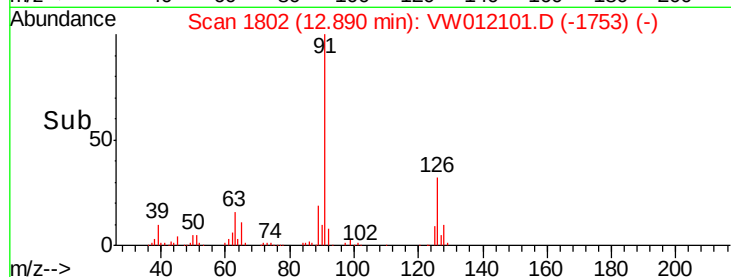
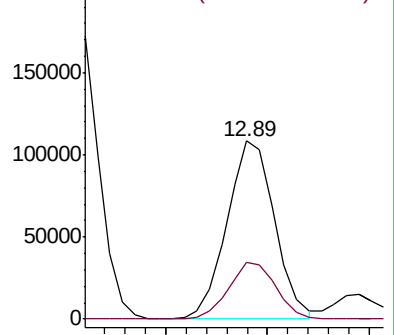
91 100

126 31.6 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.471 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012101.D

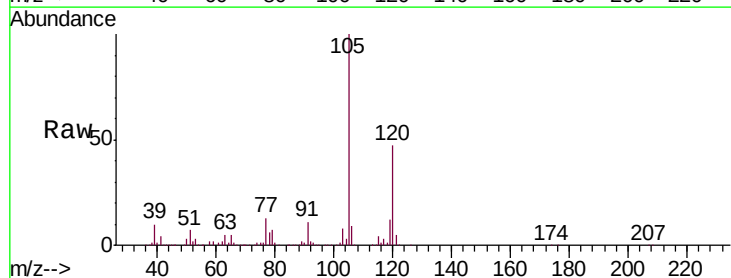
Acq: 22 Aug 2019 11:06

Tgt Ion: 105 Resp: 213352

Ion Ratio Lower Upper

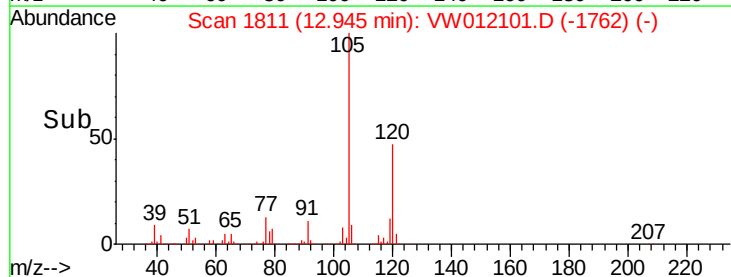
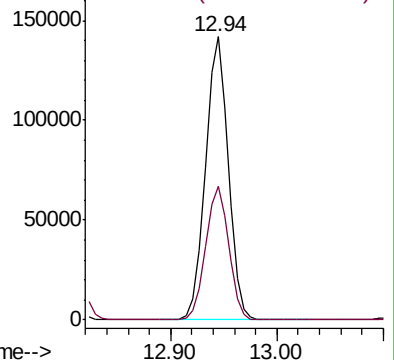
105 100

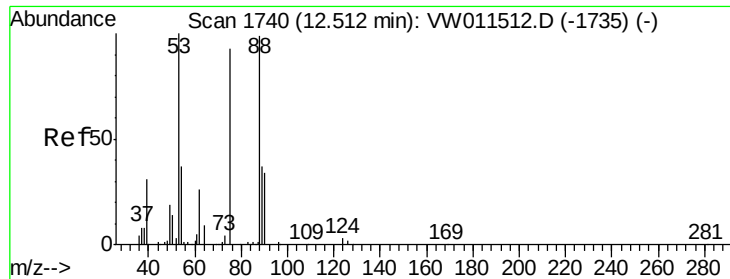
120 47.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

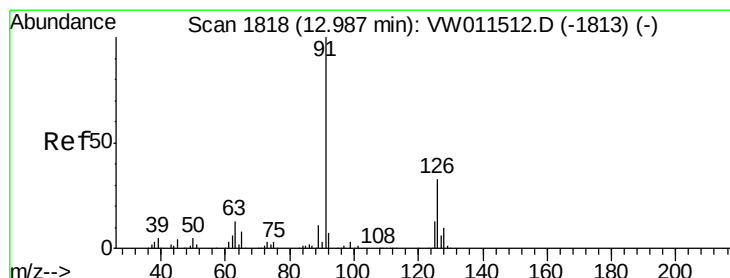
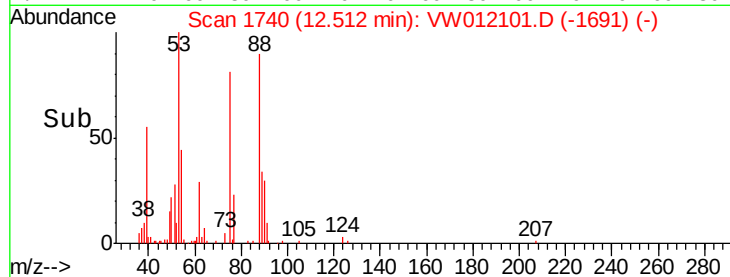
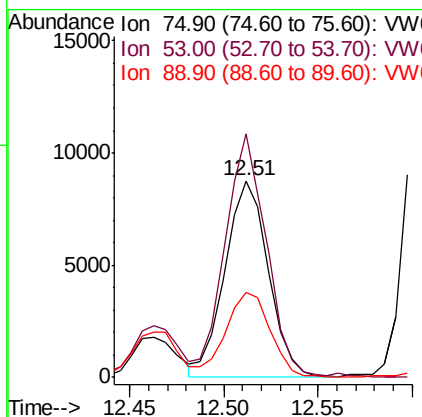
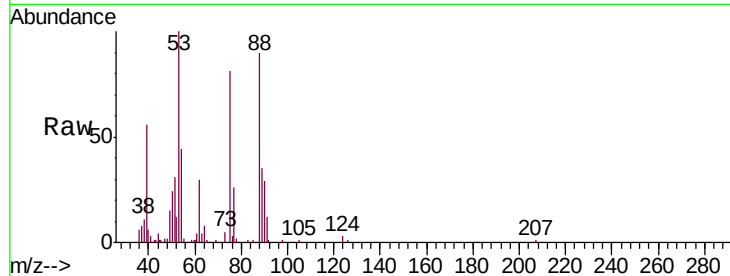




#81
trans-1,4-Dichloro-2-butene
Concen: 19.194 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

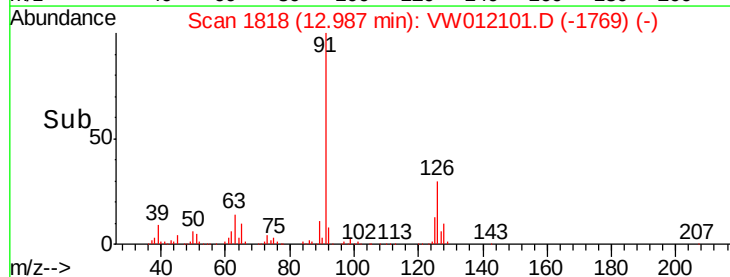
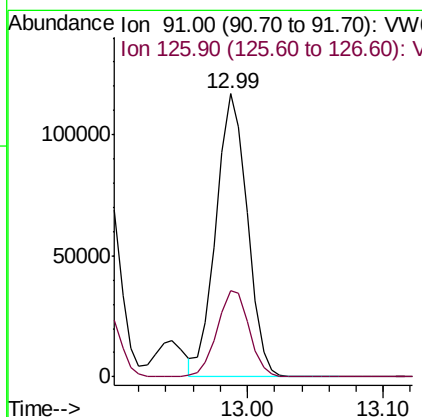
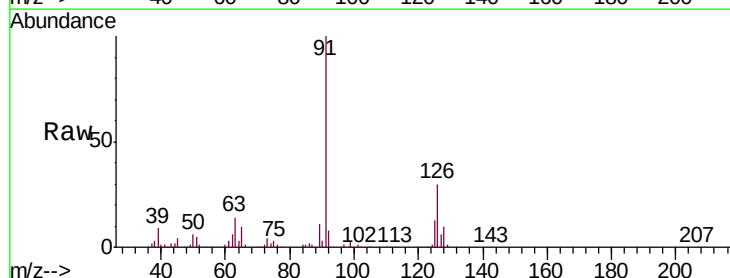
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

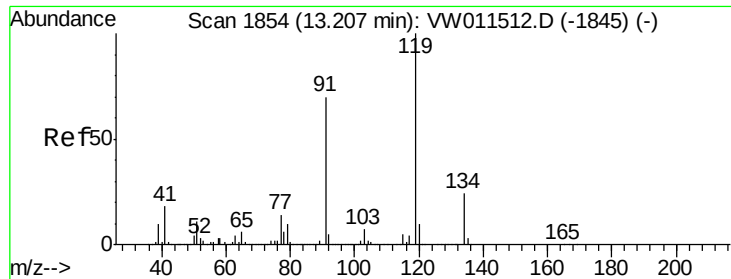
Tgt Ion: 75 Resp: 14003
Ion Ratio Lower Upper
75 100
53 115.6 88.0 132.0
89 43.7 35.3 52.9



#82
4-Chlorotoluene
Concen: 21.383 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

Tgt Ion: 91 Resp: 186460
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.8

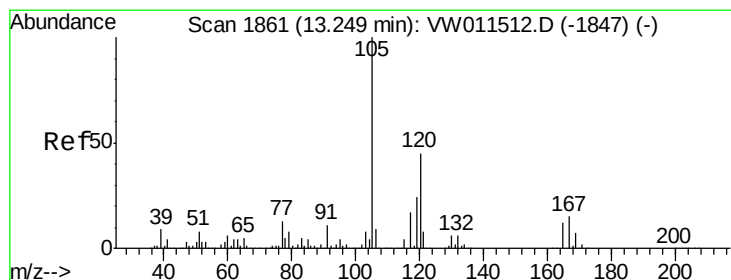
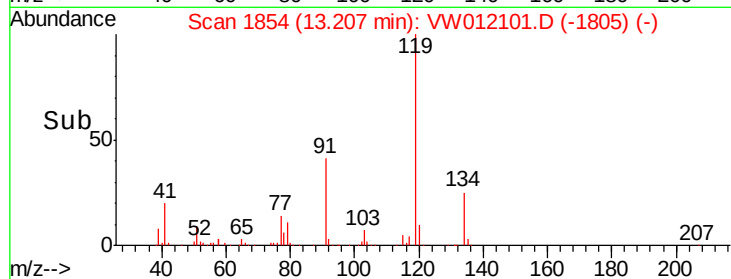
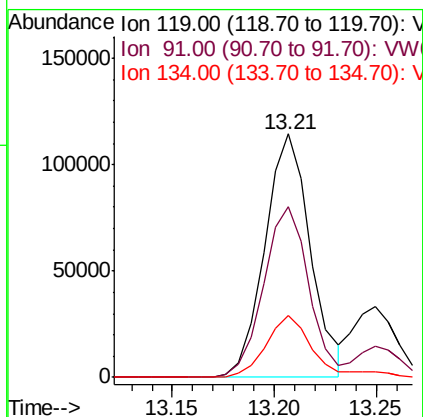
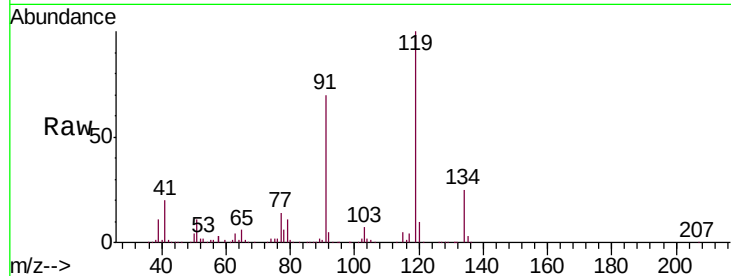




#83
 tert-Butylbenzene
 Concen: 21.498 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

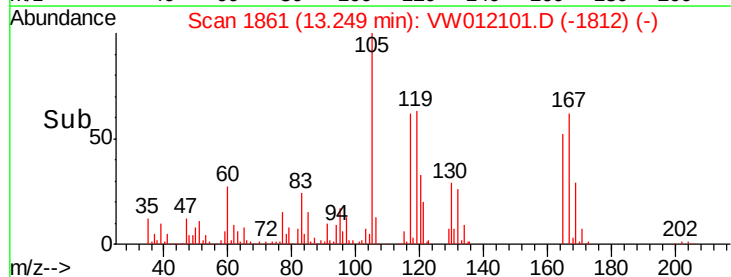
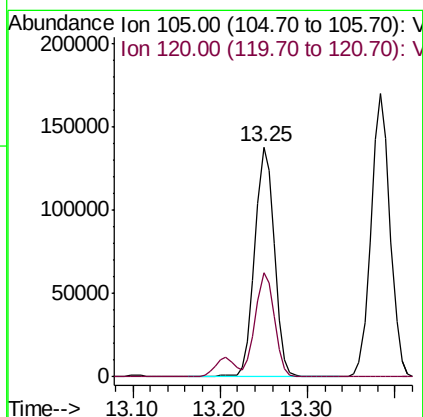
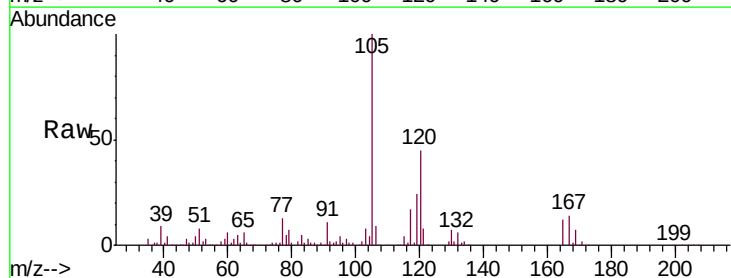
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

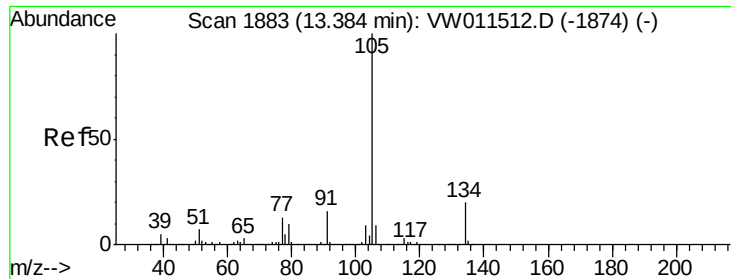
Tgt Ion:119 Resp: 178637
 Ion Ratio Lower Upper
 119 100
 91 69.4 34.5 103.6
 134 26.8 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.453 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Tgt Ion:105 Resp: 214737
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.5

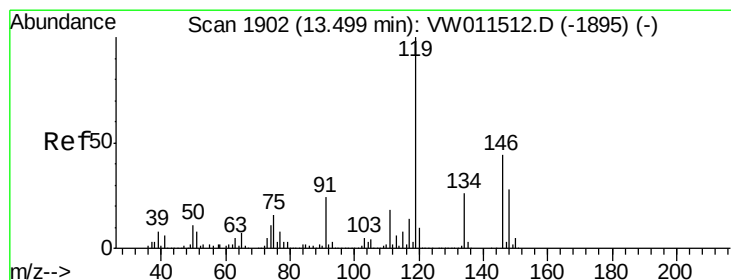
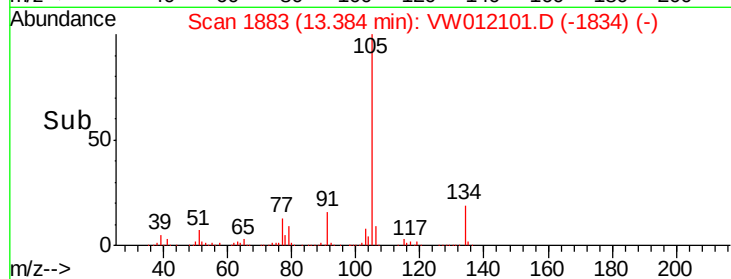
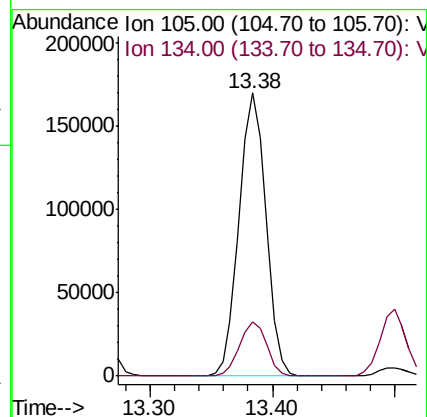
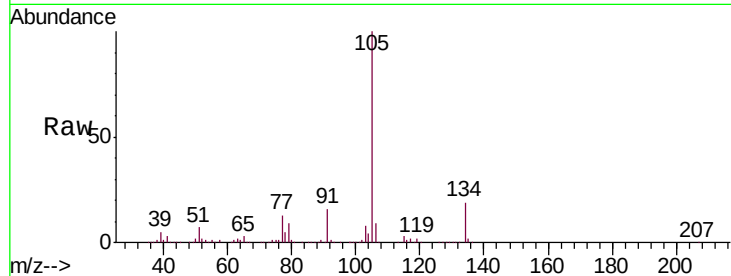




#85
 sec-Butylbenzene
 Concen: 21.801 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

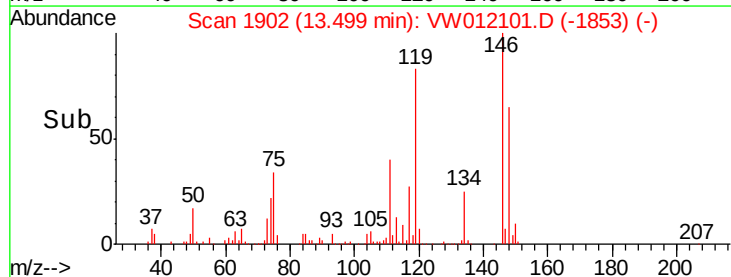
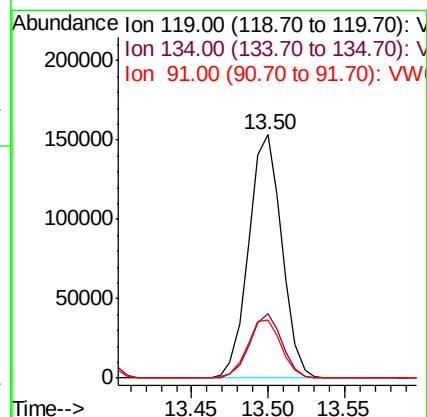
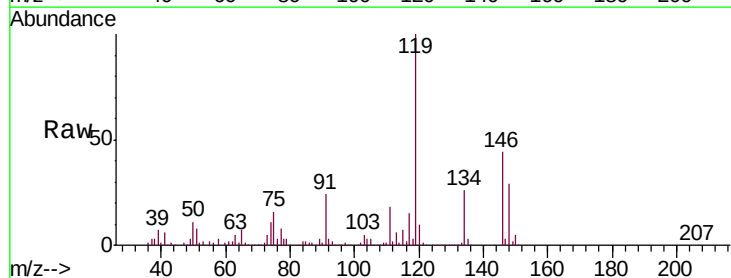
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

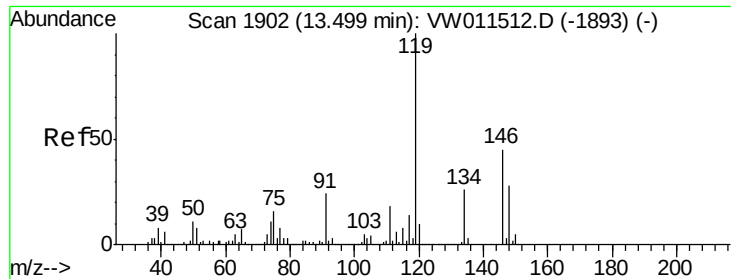
Tgt Ion:105 Resp: 258482
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 21.384 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Tgt Ion:119 Resp: 230041
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.4 12.1 36.3

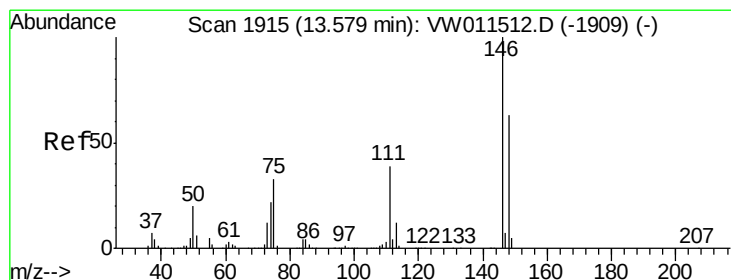
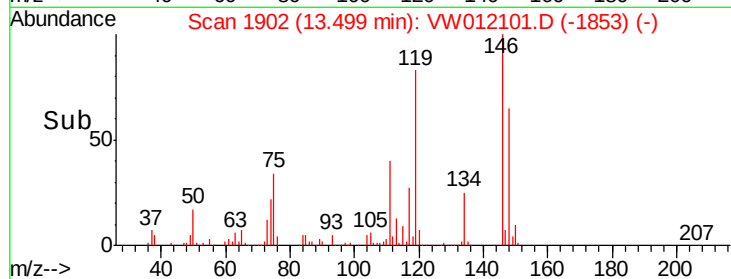
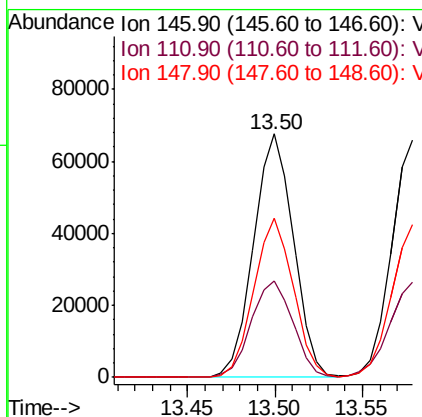
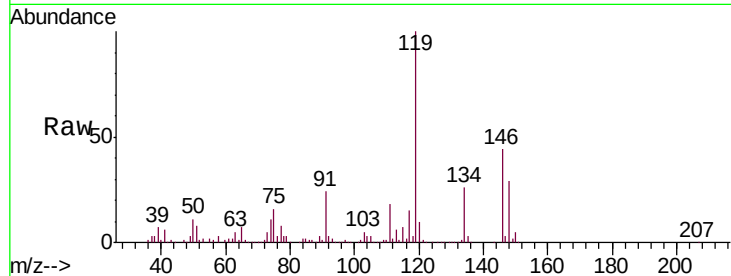




#87
 1,3-Dichlorobenzene
 Concen: 20.852 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

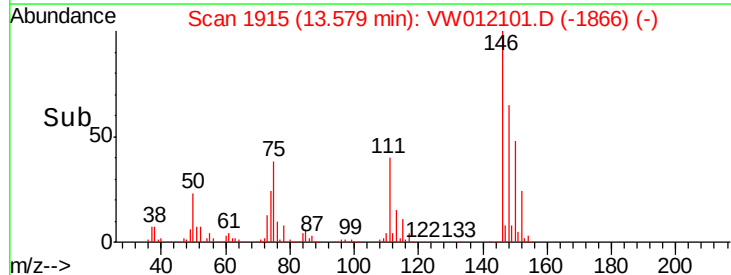
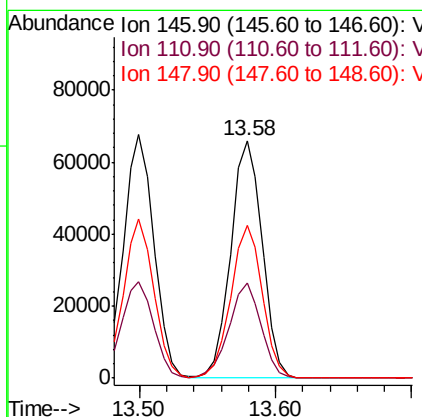
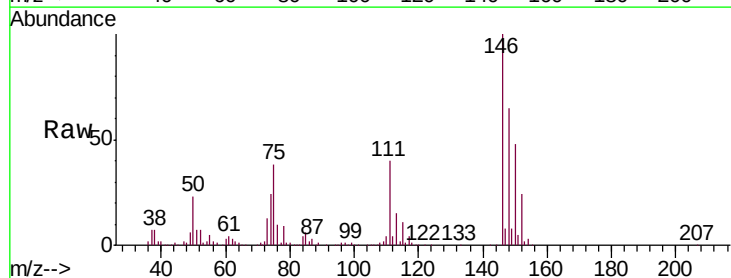
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

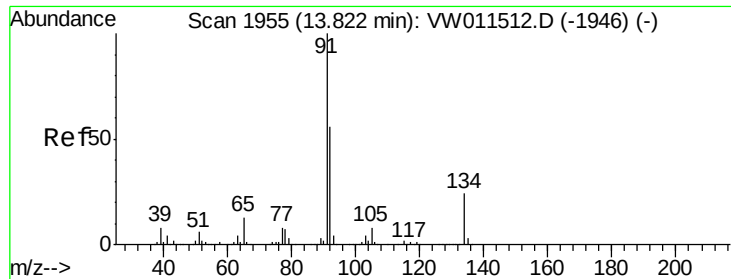
Tgt Ion:146 Resp: 107128
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.6
 148 64.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.757 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Tgt Ion:146 Resp: 106079
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.1 60.2
 148 64.6 31.9 95.9





#89

n-Butylbenzene

Concen: 20.903 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012101.D

Acq: 22 Aug 2019 11:06

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBSD01

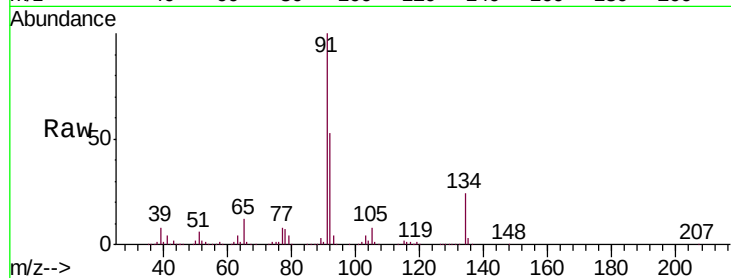
Tgt Ion: 91 Resp: 224404

Ion Ratio Lower Upper

91 100

92 54.0 27.5 82.4

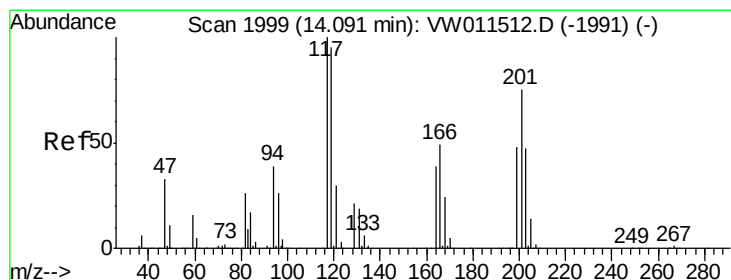
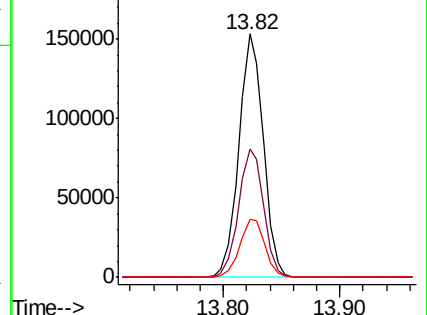
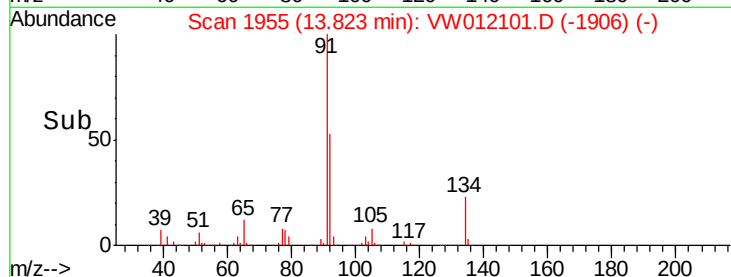
134 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.063 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012101.D

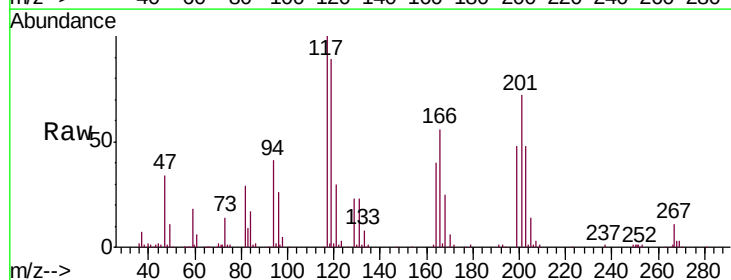
Acq: 22 Aug 2019 11:06

Tgt Ion: 117 Resp: 40067

Ion Ratio Lower Upper

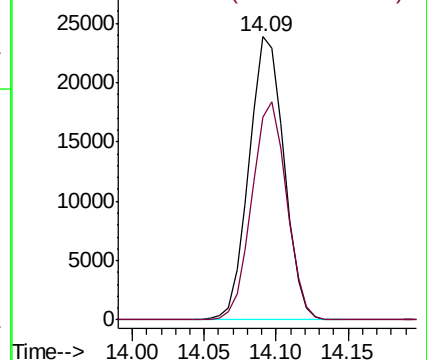
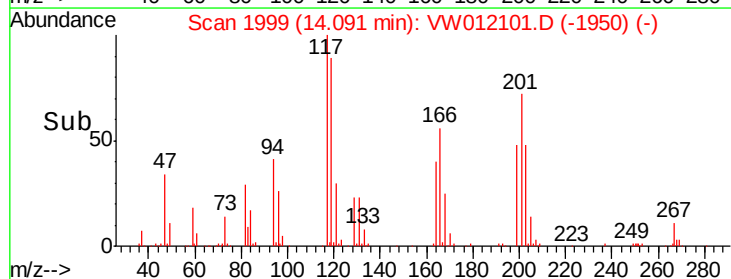
117 100

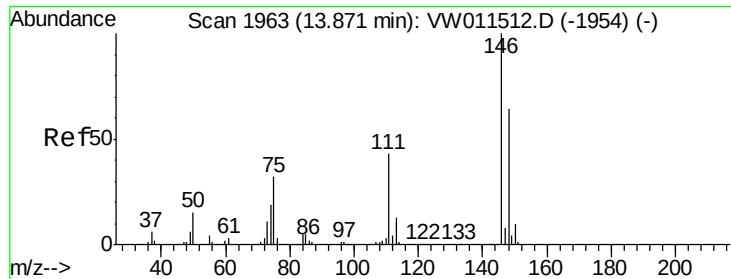
201 76.2 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

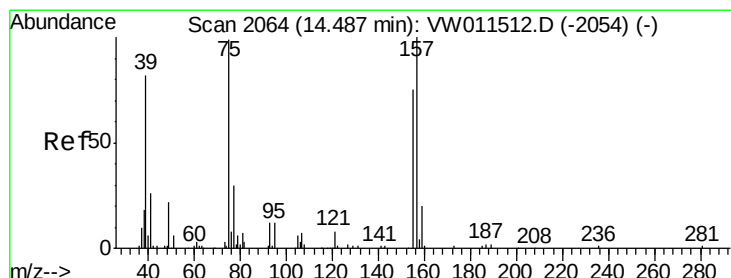
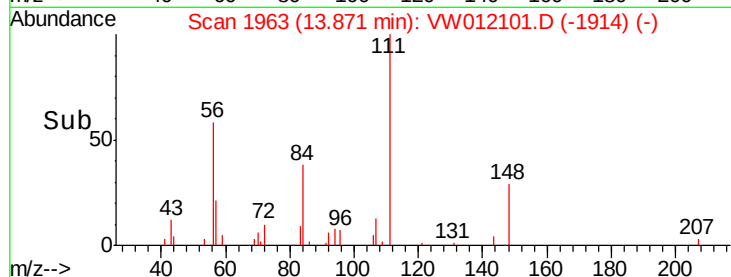
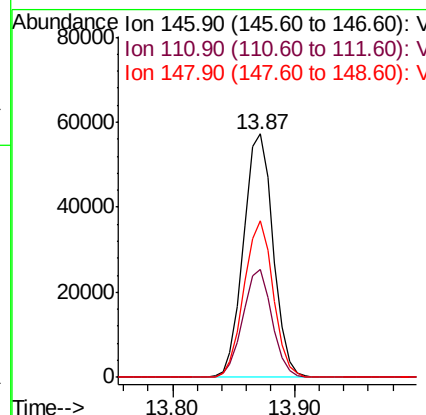
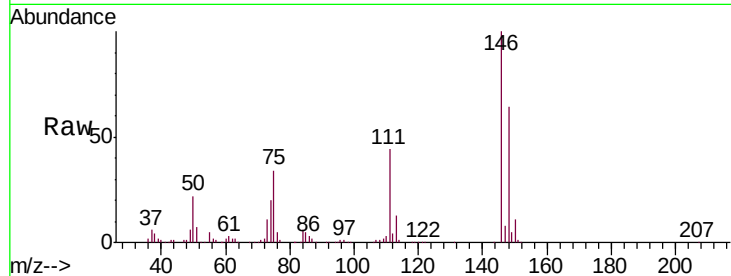




#91
 1,2-Dichlorobenzene
 Concen: 21.126 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

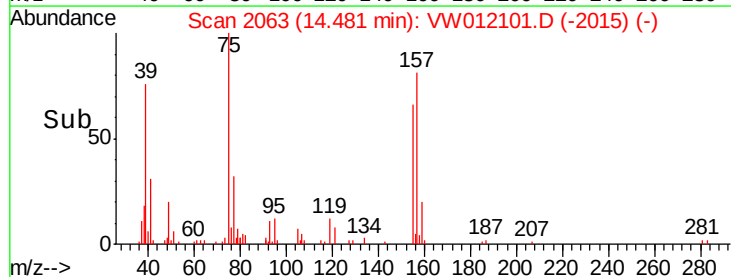
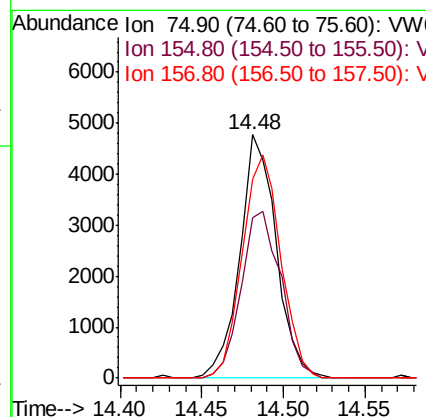
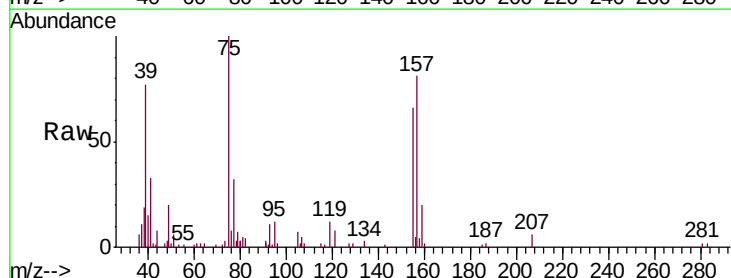
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

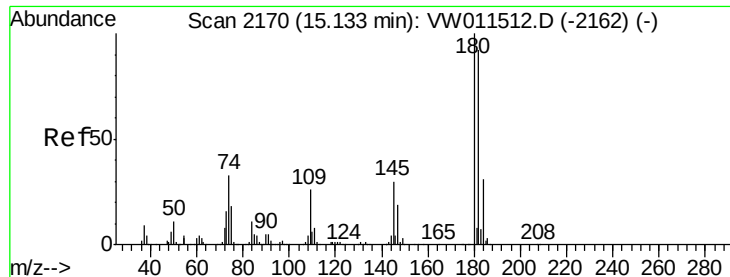
Tgt Ion:146 Resp: 95992
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.6 65.0
 148 63.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.543 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Tgt Ion: 75 Resp: 7431
 Ion Ratio Lower Upper
 75 100
 155 74.3 38.2 114.6
 157 96.7 48.9 146.7

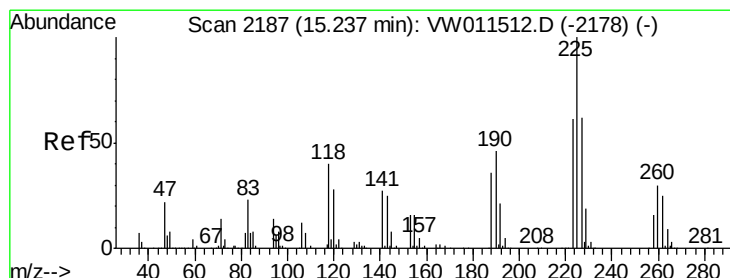
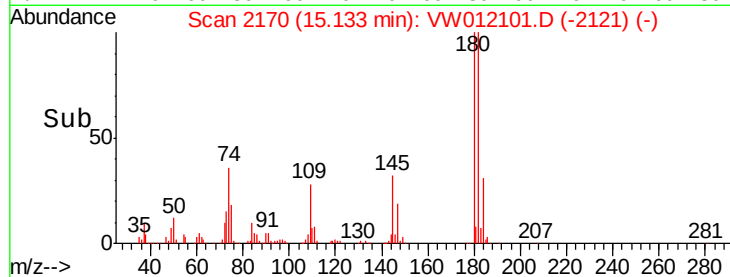
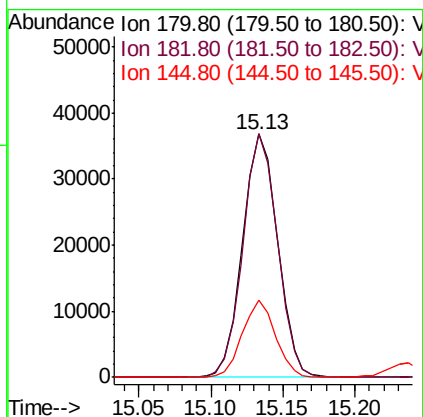
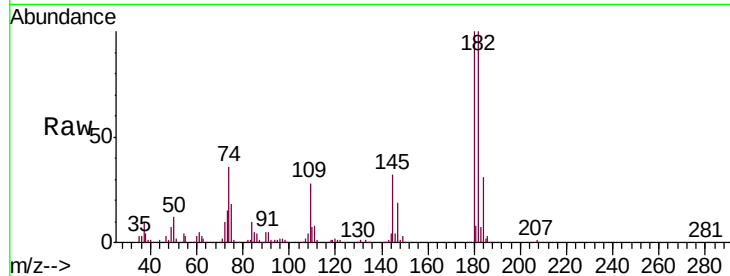




#93
 1,2,4-Trichlorobenzene
 Concen: 19.395 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

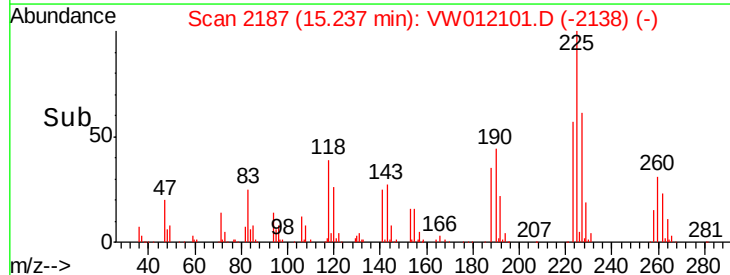
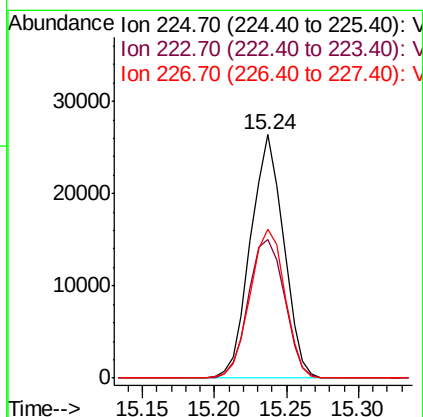
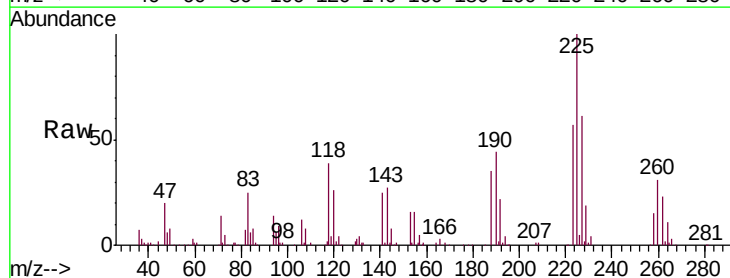
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBSD01

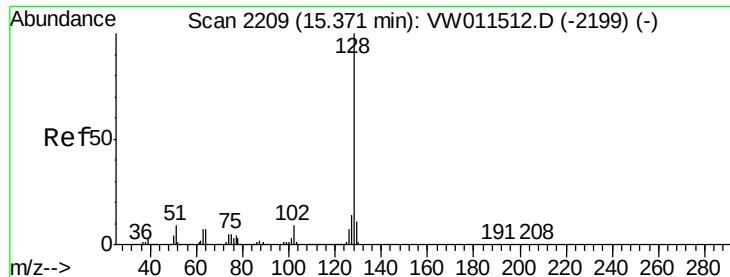
Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.4	142.2
145	30.1	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 21.012 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012101.D
 Acq: 22 Aug 2019 11:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.8	92.3
227	64.4	31.6	94.7

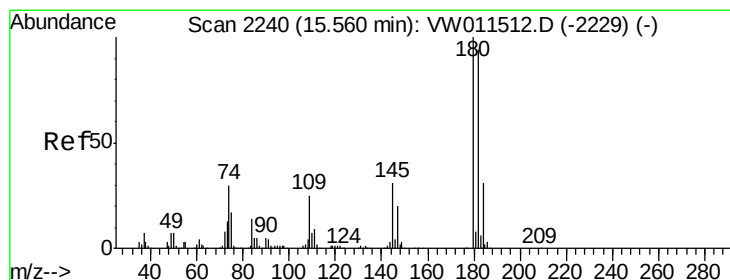
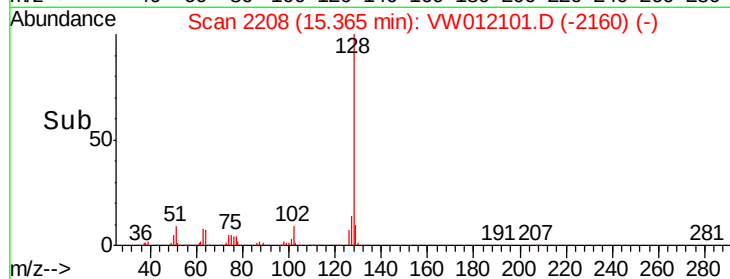
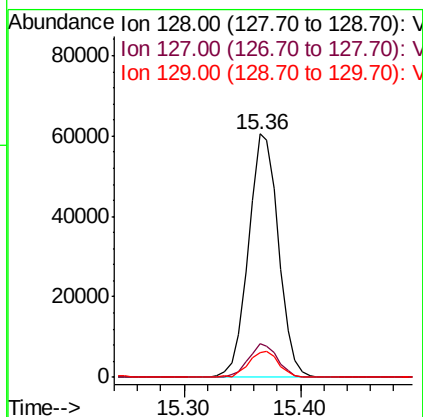
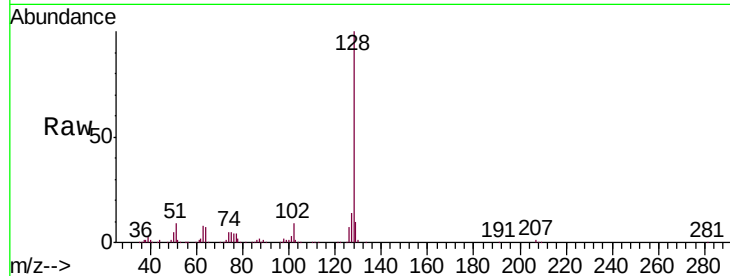




#95
Naphthalene
Concen: 18.708 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.011 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012101.D
Acq: 22 Aug 2019 11:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.4	142.2
145	31.7	15.9	47.7

