

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007482.D
 Acq On : 13 Dec 2018 12:35
 Operator : SY/AP
 Sample : J6357-02MS
 Misc : 4.47G/5ML/MSVOA W/SOIL
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMS

Quant Time: Dec 13 15:22:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	72913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	43482	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	40613	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
35) Dibromofluoromethane	7.88	113	37287	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
50) Toluene-d8	10.32	98	135711	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.62	95	45642	43.56	ug/l	0.00
Spiked Amount			Recovery	=	87.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	20811	40.844	ug/l	98
3) Chloromethane	2.21	50	20321	47.621	ug/l	95
4) Vinyl Chloride	2.37	62	24615	49.154	ug/l	98
5) Bromomethane	2.78	94	17136	50.930	ug/l	93
6) Chloroethane	2.93	64	13959	50.638	ug/l	99
7) Trichlorofluoromethane	3.26	101	20413	45.340	ug/l	93
8) Diethyl Ether	3.68	74	18450	52.359	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	36083	48.572	ug/l	99
10) Methyl Iodide	4.26	142	61531	50.010	ug/l	98
11) Tert butyl alcohol	5.17	59	13795	248.312	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	34961	48.879	ug/l	97
13) Acrolein	3.89	56	4915	133.704	ug/l	96
14) Allyl chloride	4.66	41	51733	49.069	ug/l	99
15) Acrylonitrile	5.36	53	41344	278.321	ug/l	99
16) Acetone	4.12	43	42562	301.233	ug/l	97
17) Carbon Disulfide	4.37	76	98570	45.451	ug/l	99
18) Methyl Acetate	4.67	43	34320	89.495	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	59757	55.381	ug/l	100
20) Methylene Chloride	4.91	84	40457	52.561	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	38821	48.519	ug/l	98
22) Diisopropyl ether	6.31	45	105896	52.255	ug/l	97
23) Vinyl Acetate	6.26	43	56366	49.727	ug/l	95
24) 1,1-Dichloroethane	6.21	63	69531	50.766	ug/l	99
25) 2-Butanone	7.17	43	54179	293.720	ug/l	99
26) 2,2-Dichloropropane	7.16	77	39237	43.286	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	43990	50.211	ug/l	97
28) Bromochloromethane	7.51	49	27374	53.134	ug/l #	4
29) Tetrahydrofuran	7.52	42	33049	283.016	ug/l	98
30) Chloroform	7.68	83	76615	51.402	ug/l	95
31) Cyclohexane	7.95	56	53860	42.861	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	65410	50.043	ug/l	100
36) 1,1-Dichloropropene	8.08	75	54462	47.551	ug/l	99
37) Ethyl Acetate	7.24	43	18867	44.290	ug/l	99
38) Carbon Tetrachloride	8.07	117	61789	49.582	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	58125	41.911	ug/l	95
40) Benzene	8.32	78	159818	50.281	ug/l	98
41) Methacrylonitrile	7.48	41	13289	54.782	ug/l	96
42) 1,2-Dichloroethane	8.40	62	52475	52.556	ug/l	99
43) Isopropyl Acetate	8.43	43	40643	48.301	ug/l	98
44) Trichloroethene	9.09	130	45078	49.665	ug/l	98
45) 1,2-Dichloropropane	9.37	63	38263	52.020	ug/l	98
46) Dibromomethane	9.46	93	21951	52.552	ug/l	98
47) Bromodichloromethane	9.65	83	57079	52.096	ug/l	95
48) Methyl methacrylate	9.43	41	26388	61.061	ug/l	99
49) 1,4-Dioxane	9.45	88	7420	1094.799	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	114443	287.843	ug/l	99
52) Toluene	10.39	92	102557	49.859	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	51877	48.771	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	59468	48.363	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	32791	57.681	ug/l	95
56) Ethyl methacrylate	10.65	69	34188	50.033	ug/l	99
57) 1,3-Dichloropropane	10.93	76	52446	56.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	94689	300.499	ug/l	100
59) 2-Hexanone	10.97	43	80972	305.425	ug/l	99
60) Dibromochloromethane	11.13	129	38418	53.549	ug/l	98
61) 1,2-Dibromoethane	11.24	107	30332	53.990	ug/l	97
64) Tetrachloroethene	10.86	164	50554	65.269	ug/l	94
65) Chlorobenzene	11.66	112	110531	49.236	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	42014	53.138	ug/l	99
67) Ethyl Benzene	11.73	91	191650	49.655	ug/l	94
68) m/p-Xylenes	11.84	106	144267	96.148	ug/l	98
69) o-Xylene	12.17	106	71887	51.299	ug/l	97
70) Styrene	12.18	104	112690	49.787	ug/l	98
71) Bromoform	12.35	173	21521	53.178	ug/l #	100
73) Isopropylbenzene	12.47	105	186857	56.084	ug/l	98
74) N-amyl acetate	12.27	43	20409	33.705	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	33553	67.994	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	44116	123.050	ug/l	26
77) Bromobenzene	12.75	156	42539	57.600	ug/l	94
78) n-propylbenzene	12.81	91	199143	53.111	ug/l	99
79) 2-Chlorotoluene	12.90	91	125270	55.214	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	151942	54.275	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9807	60.425	ug/l	93
82) 4-Chlorotoluene	12.99	91	120522	50.395	ug/l	97
83) tert-Butylbenzene	13.21	119	128877	52.246	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	153077	53.136	ug/l	99
85) sec-Butylbenzene	13.39	105	165111	49.032	ug/l	96
86) p-Isopropyltoluene	13.51	119	147117	48.631	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	71690	48.687	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	70164	47.398	ug/l	98
89) n-Butylbenzene	13.83	91	111957	39.921	ug/l	98
90) Hexachloroethane	14.10	117	25895	48.108	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	69775	52.907	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6367	64.294	ug/l	95

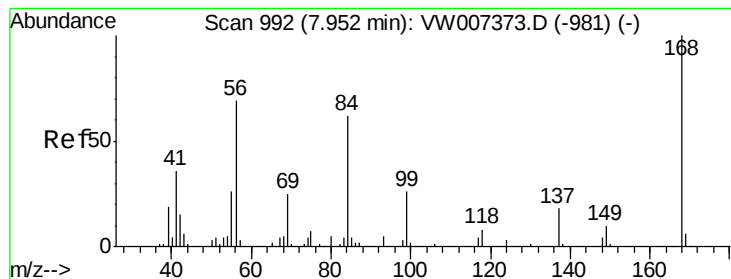
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31432	34.632	ug/l	96
94) Hexachlorobutadiene	15.24	225	12781	26.541	ug/l	98
95) Naphthalene	15.38	128	87911	50.632	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	29334	37.206	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

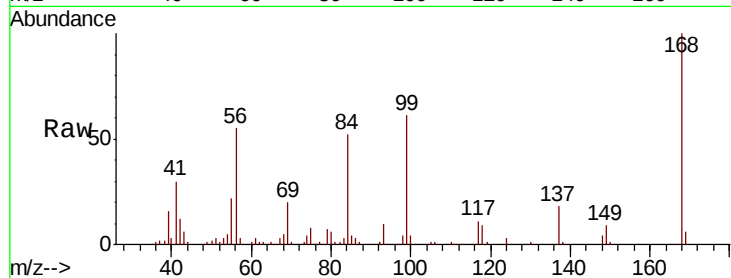
SB-01AMS

Tot Ion:168 Resp: 72913

Ion Ratio Lower Upper

168 100

99 61.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

20000

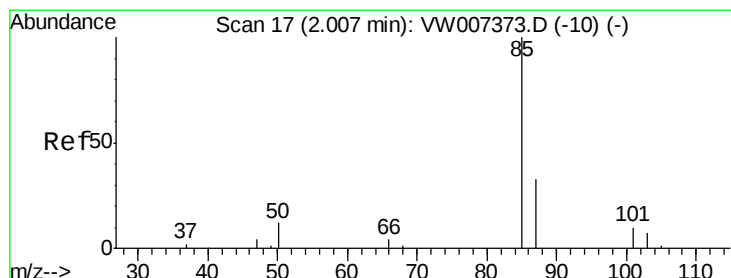
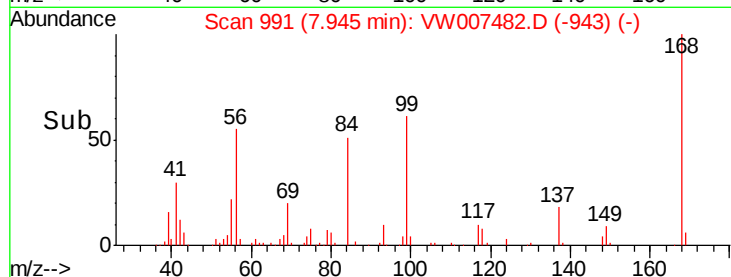
10000

0

Time-->

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 40.844 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW007482.D

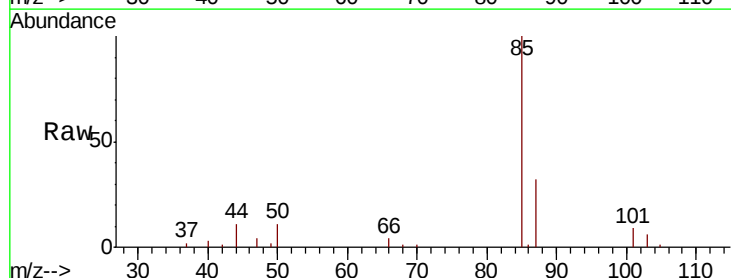
Acq: 13 Dec 2018 12:35

Tgt Ion: 85 Resp: 20811

Ion Ratio Lower Upper

85 100

87 32.0 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

4000

2000

0

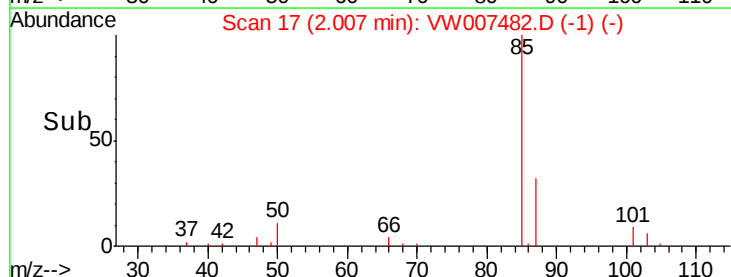
Time-->

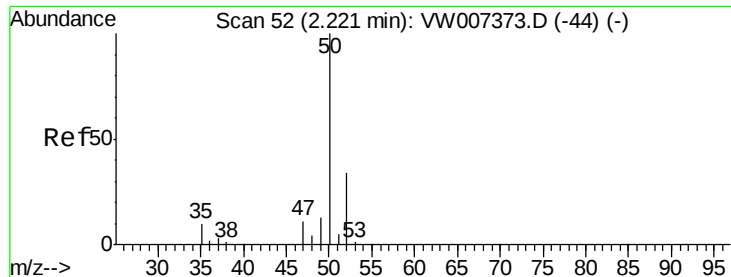
1.95

2.00

2.05

2.10





#3

Chloromethane

Concen: 47.621 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

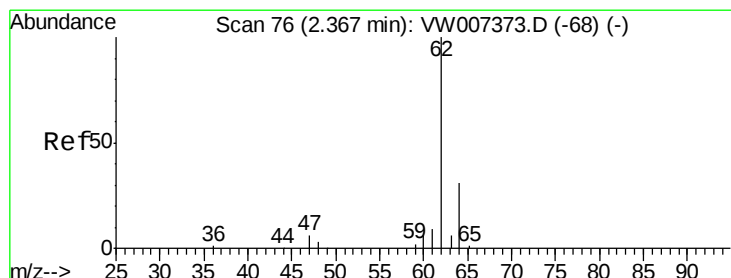
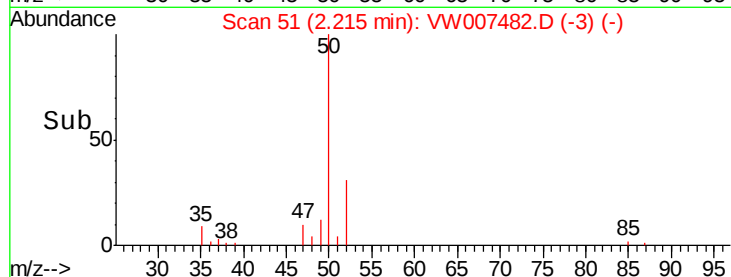
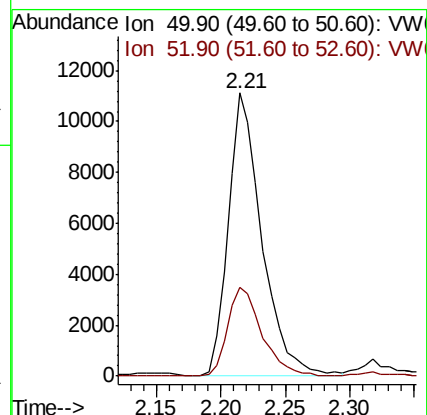
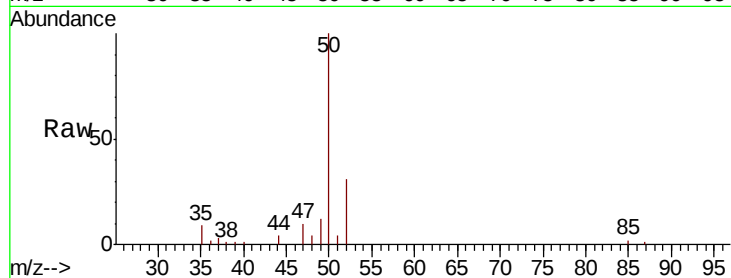
SB-01AMS

Tot Ion: 50 Resp: 20321

Ion Ratio Lower Upper

50 100

52 31.4 27.4 41.0



#4

Vinyl Chloride

Concen: 49.154 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW007482.D

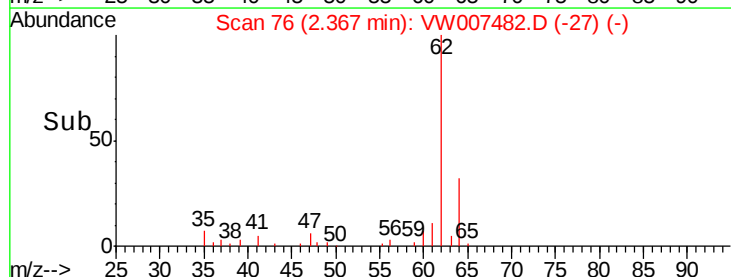
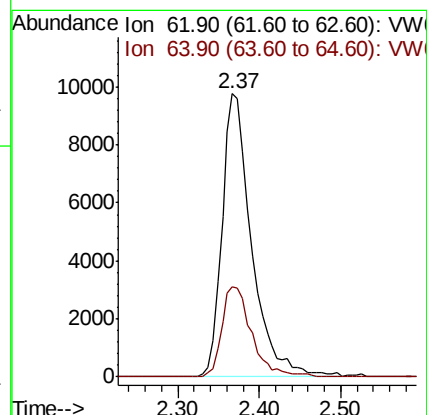
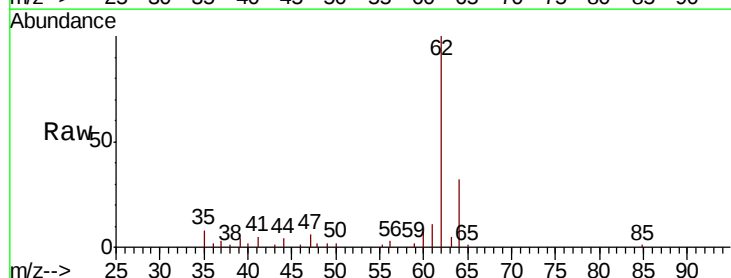
Acq: 13 Dec 2018 12:35

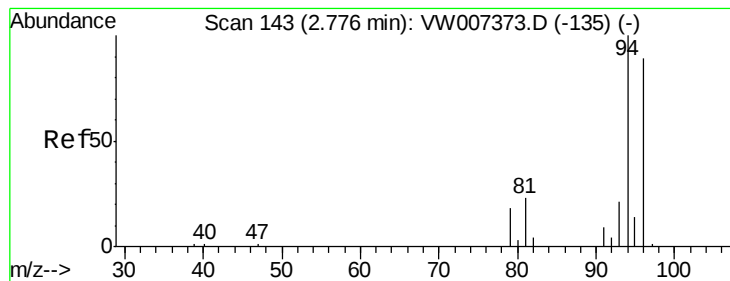
Tgt Ion: 62 Resp: 24615

Ion Ratio Lower Upper

62 100

64 32.0 24.6 37.0





#5

Bromomethane

Concen: 50.930 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

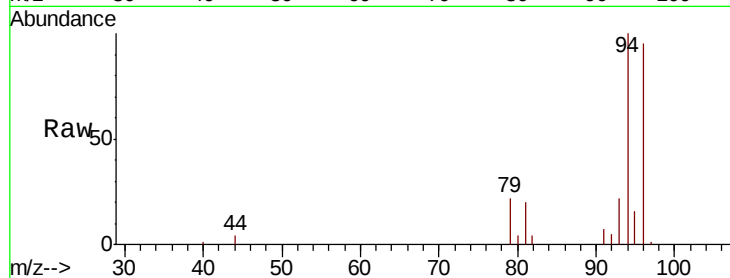
SB-01AMS

Tot Ion: 94 Resp: 17136

Ion Ratio Lower Upper

94 100

96 95.1 71.0 106.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

8000

6000

4000

2000

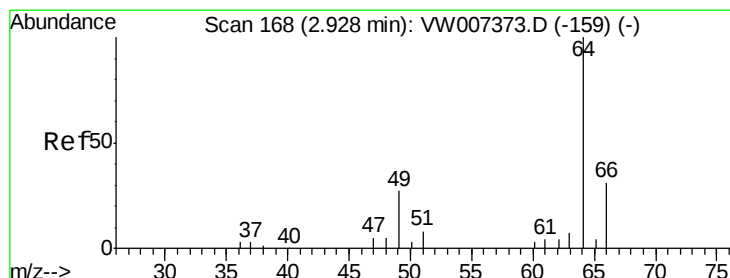
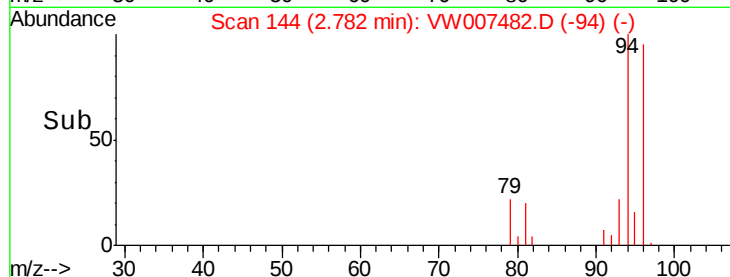
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Time-->

2.70

2.80

2.90



#6

Chloroethane

Concen: 50.638 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW007482.D

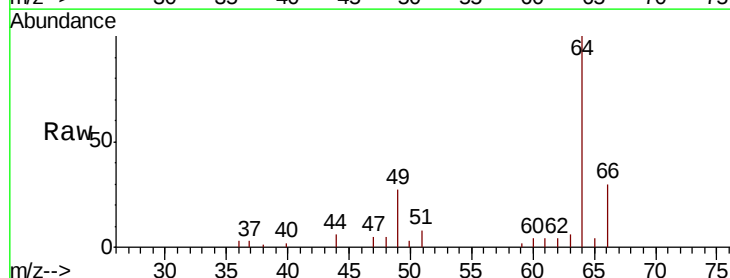
Acq: 13 Dec 2018 12:35

Tgt Ion: 64 Resp: 13959

Ion Ratio Lower Upper

64 100

66 30.1 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

5000

4000

3000

2000

1000

0

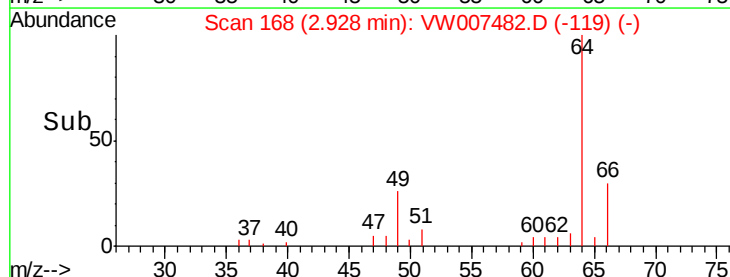
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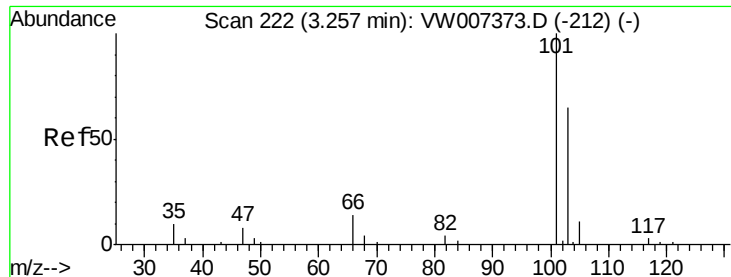
2.80

2.90

3.00

3.10



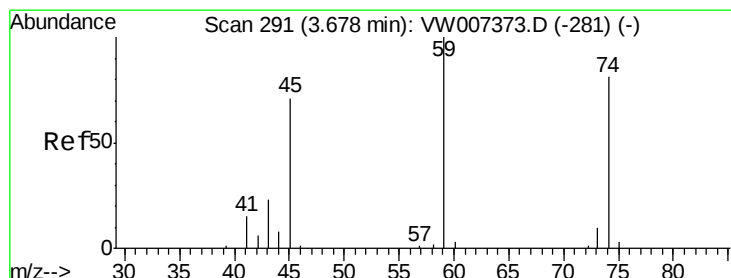
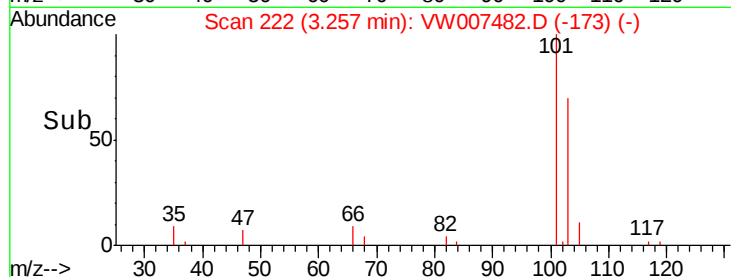
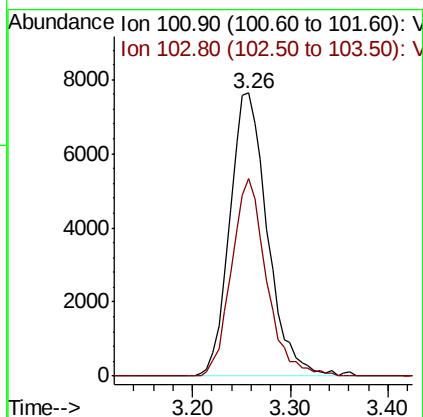
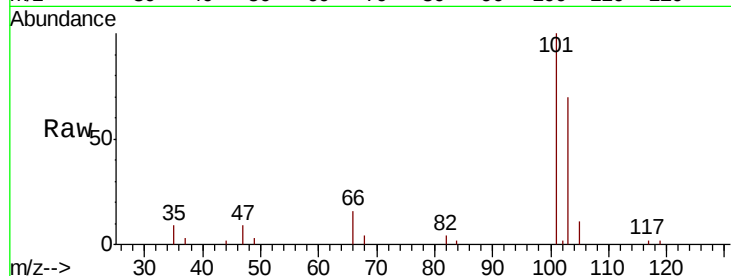


#7

Trichlorofluoromethane
 Concen: 45.340 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Instrument :
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 SB-01AMS

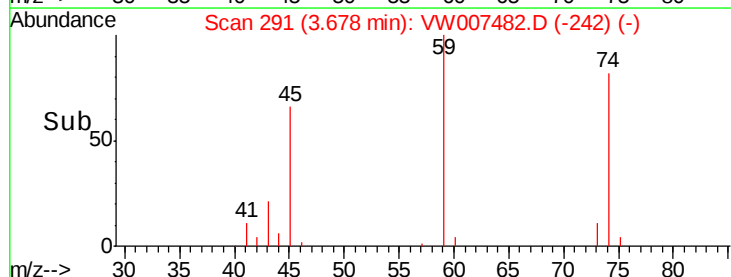
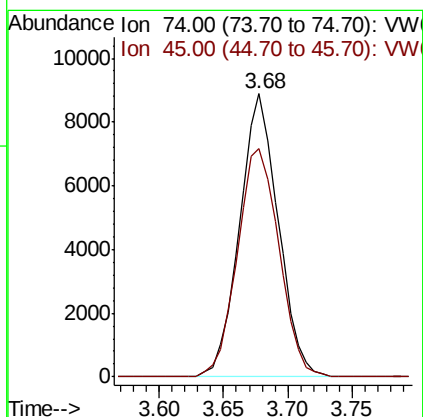
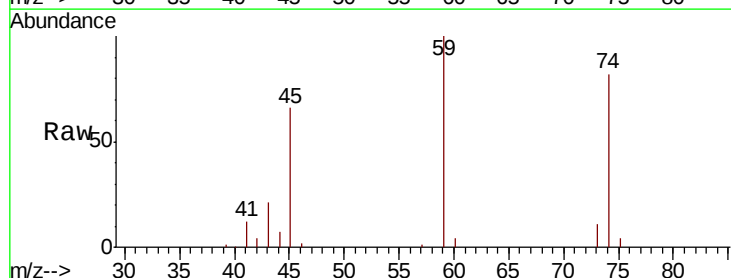
Tot Ion:101 Resp: 20413
 Ion Ratio Lower Upper
 101 100
 103 70.0 51.7 77.5

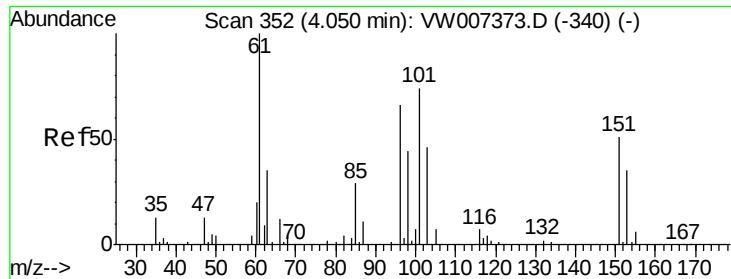


#8

Diethyl Ether
 Concen: 52.359 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Tgt Ion: 74 Resp: 18450
 Ion Ratio Lower Upper
 74 100
 45 87.1 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.572 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMS

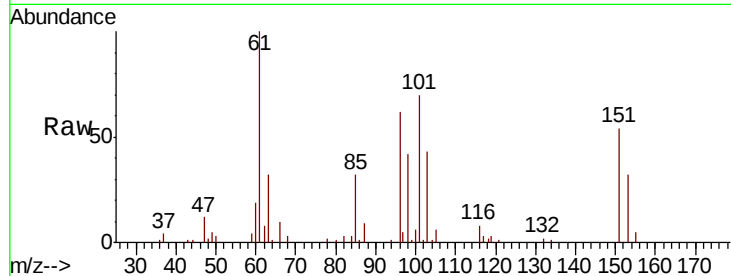
Tot Ion:101 Resp: 36083

Ion Ratio Lower Upper

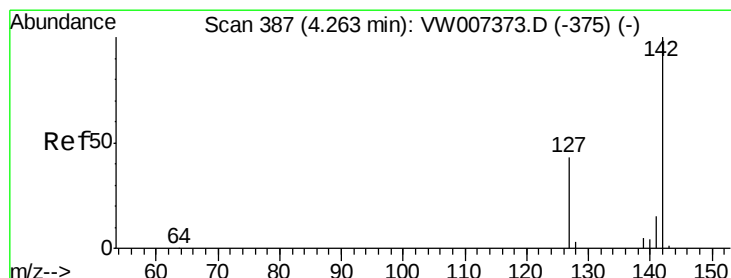
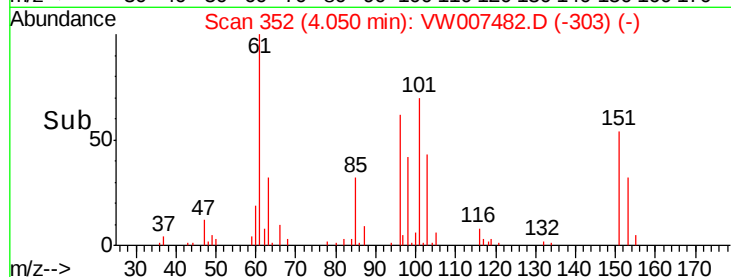
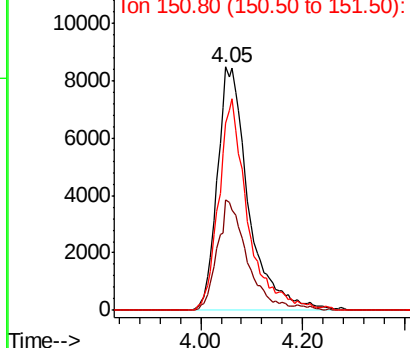
101 100

85 42.9 33.9 50.9

151 80.5 63.7 95.5



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



#10

Methyl Iodide

Concen: 50.010 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

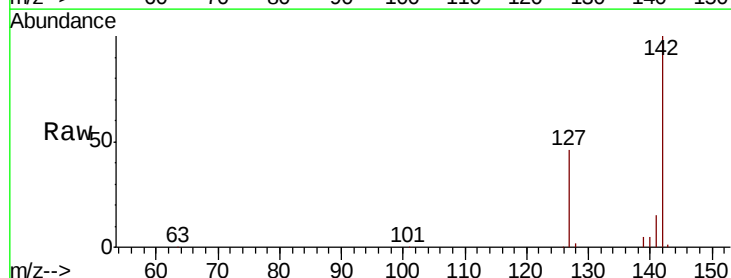
Tgt Ion:142 Resp: 61531

Ion Ratio Lower Upper

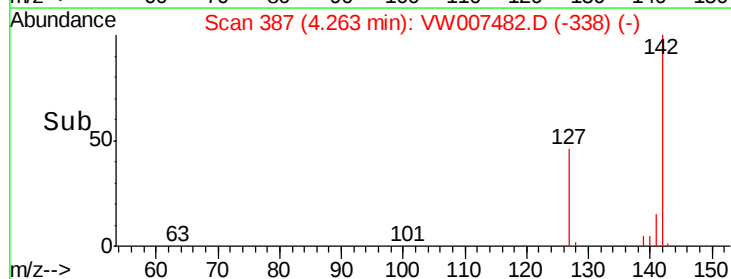
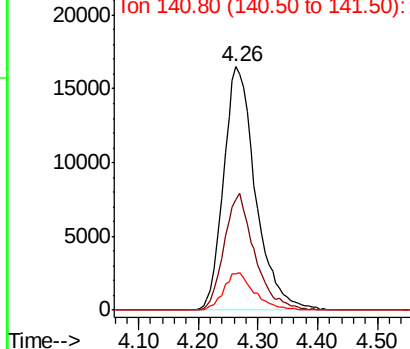
142 100

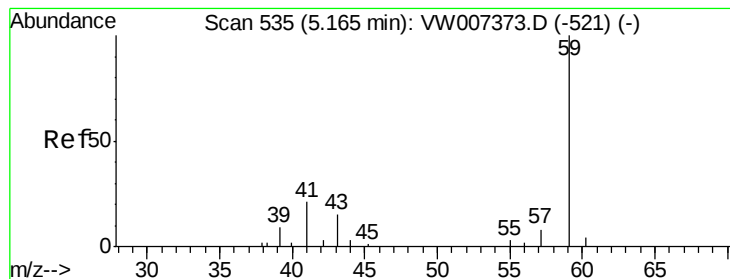
127 45.6 35.8 53.6

141 14.7 11.1 16.7



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



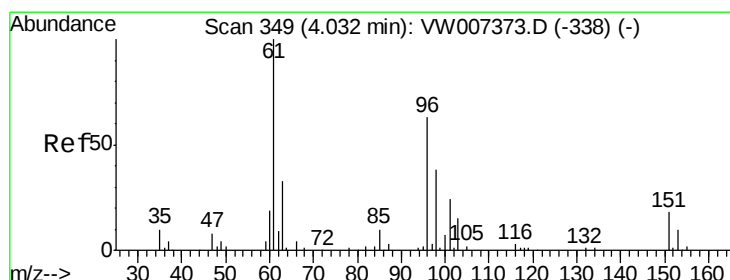
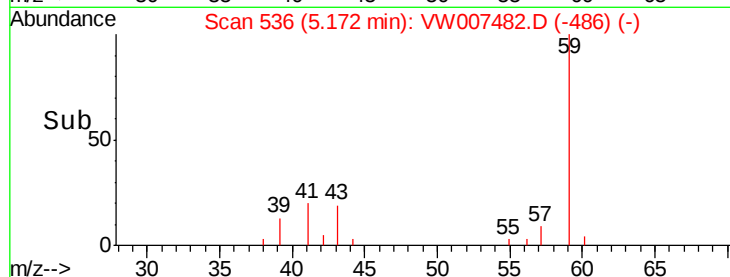
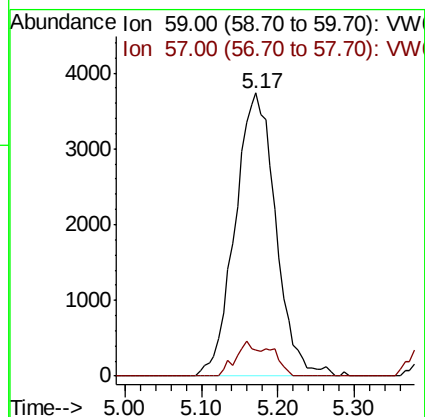
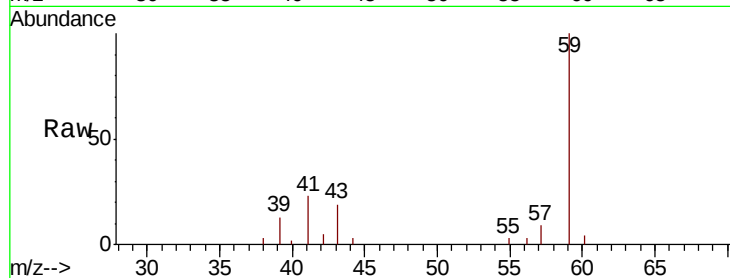


#11

Tert butyl alcohol
 Concen: 248.312 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMS

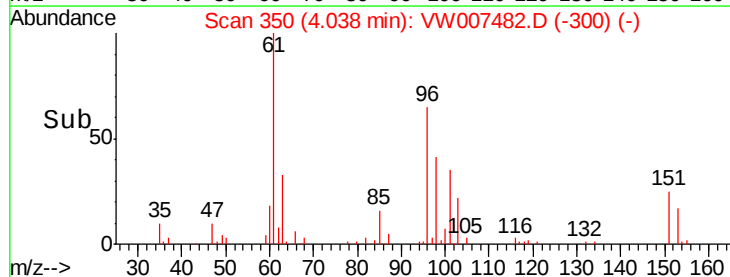
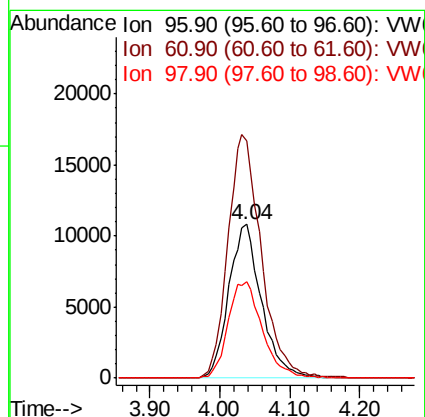
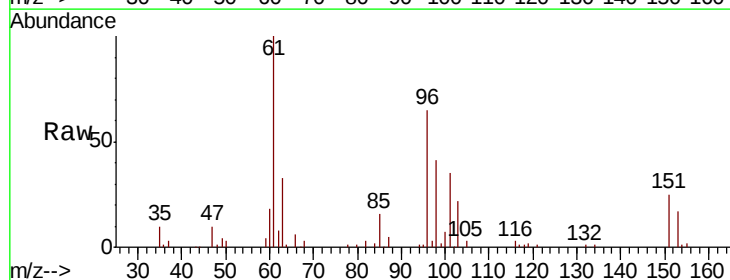
Tot Ion: 59 Resp: 13795
 Ion Ratio Lower Upper
 59 100
 57 6.8 7.6 11.4#

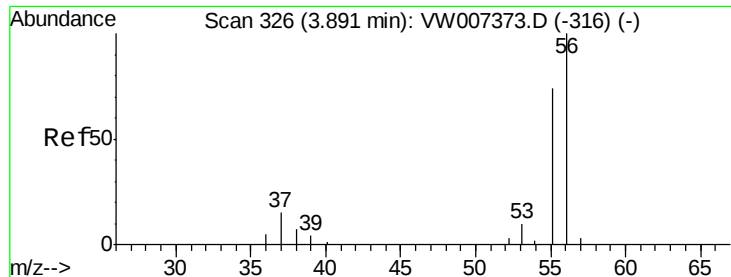


#12

1,1-Dichloroethene
 Concen: 48.879 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Tgt Ion: 96 Resp: 34961
 Ion Ratio Lower Upper
 96 100
 61 154.1 126.2 189.2
 98 63.0 48.3 72.5





#13

Acrolein

Concen: 133.704 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

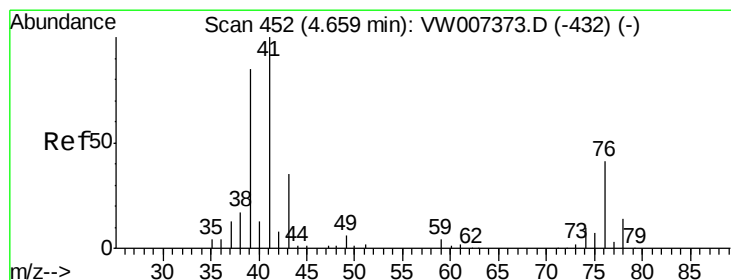
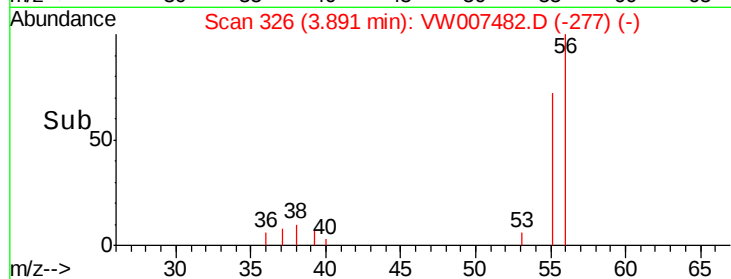
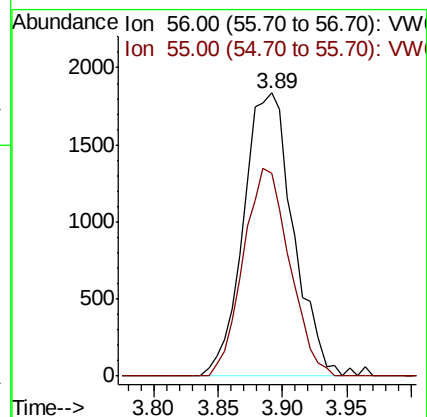
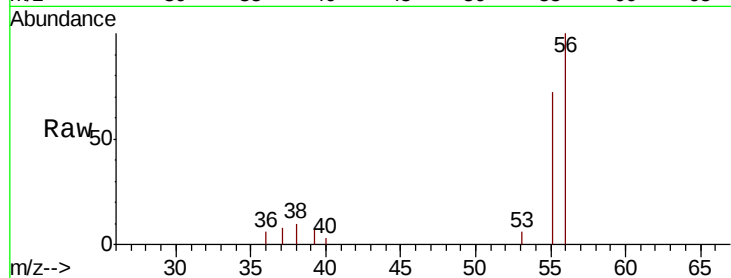
SB-01AMS

Tot Ion: 56 Resp: 4915

Ion Ratio Lower Upper

56 100

55 68.4 57.4 86.2



#14

Allyl chloride

Concen: 49.069 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

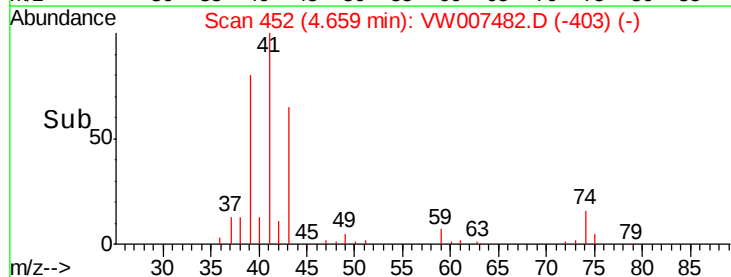
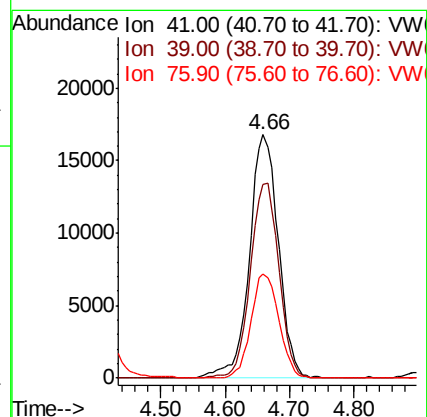
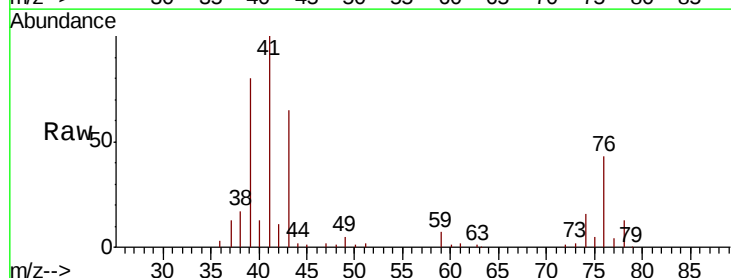
Tgt Ion: 41 Resp: 51733

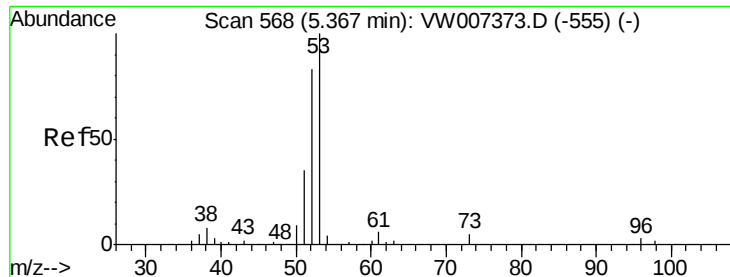
Ion Ratio Lower Upper

41 100

39 78.8 63.4 95.2

76 41.1 32.1 48.1





#15

Acrylonitrile

Concen: 278.321 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMS

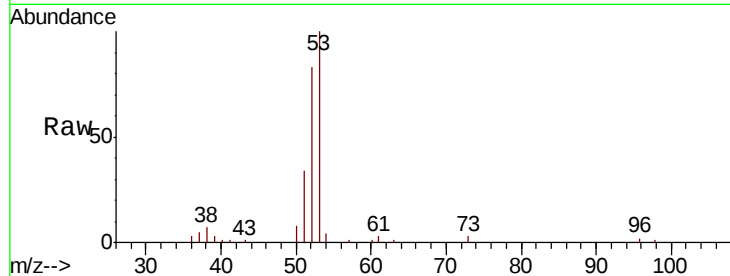
Tot Ion: 53 Resp: 41344

Ion Ratio Lower Upper

53 100

52 83.2 67.4 101.2

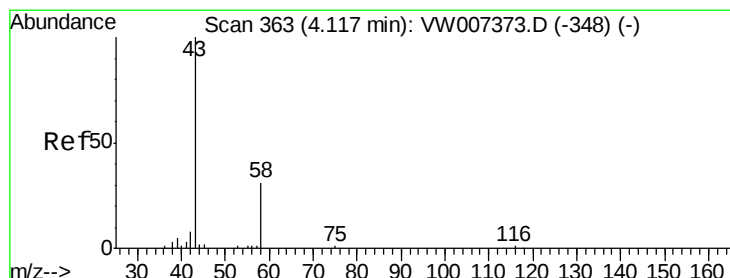
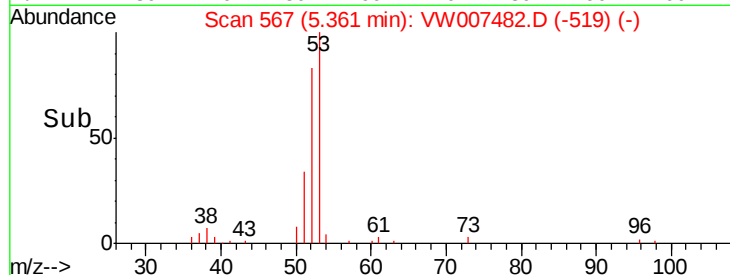
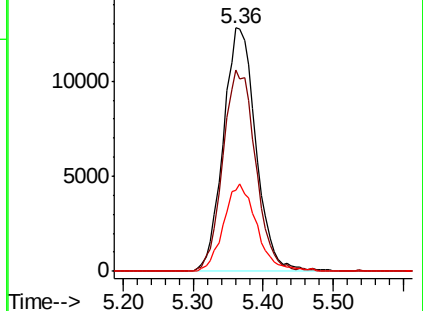
51 36.5 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 301.233 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007482.D

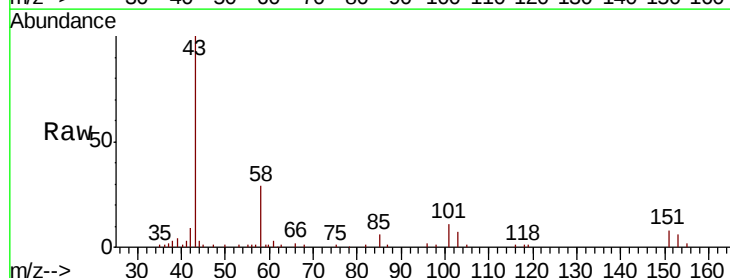
Acq: 13 Dec 2018 12:35

Tgt Ion: 43 Resp: 42562

Ion Ratio Lower Upper

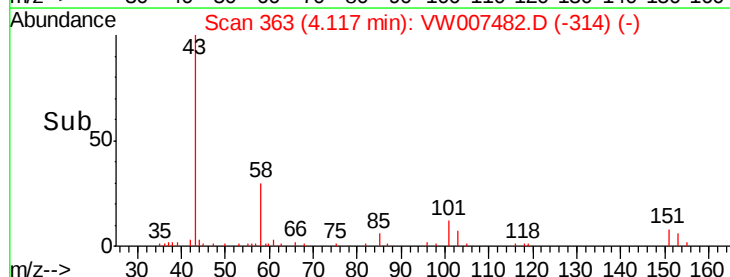
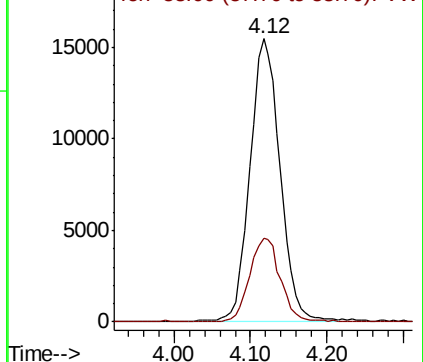
43 100

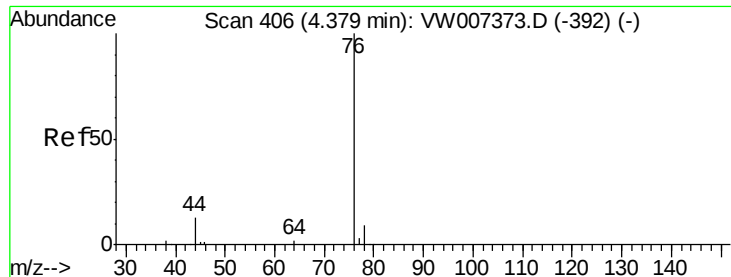
58 29.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

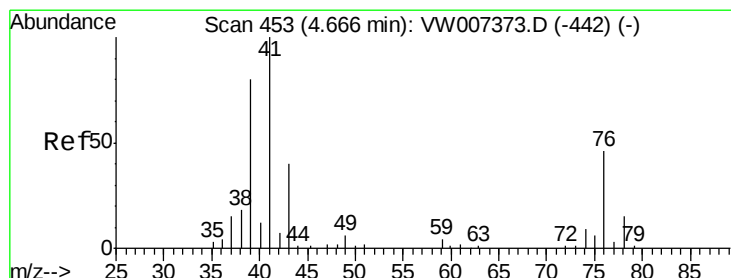
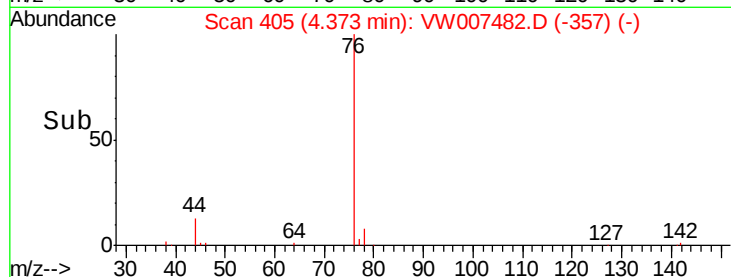
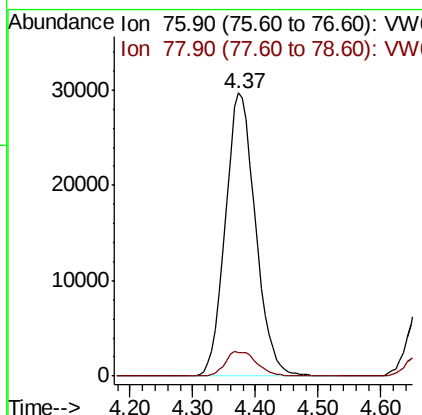
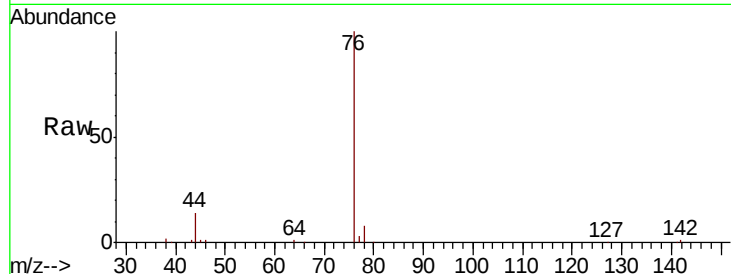




#17
Carbon Disulfide
Concen: 45.451 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

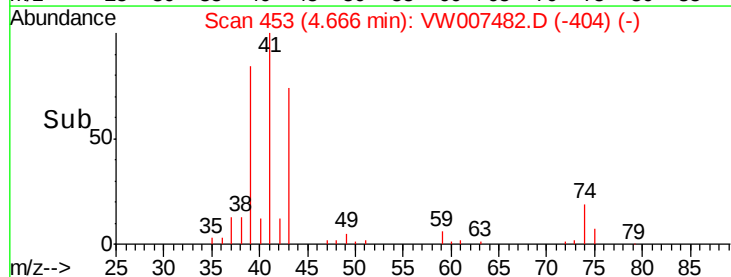
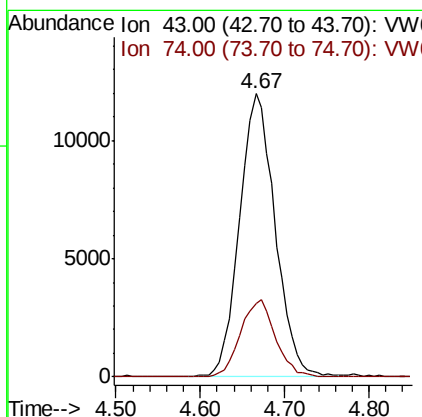
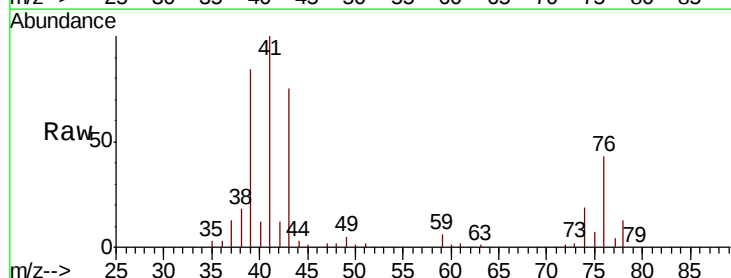
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMS

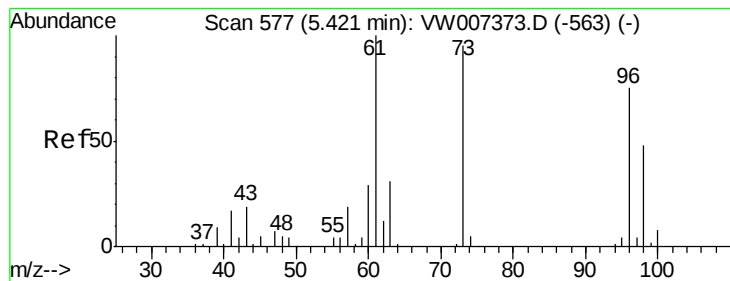
Tot Ion: 76 Resp: 98570
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7



#18
Methyl Acetate
Concen: 89.495 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Tgt Ion: 43 Resp: 34320
Ion Ratio Lower Upper
43 100
74 26.5 21.1 31.7



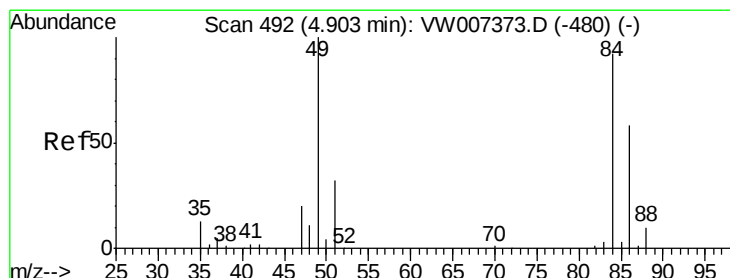
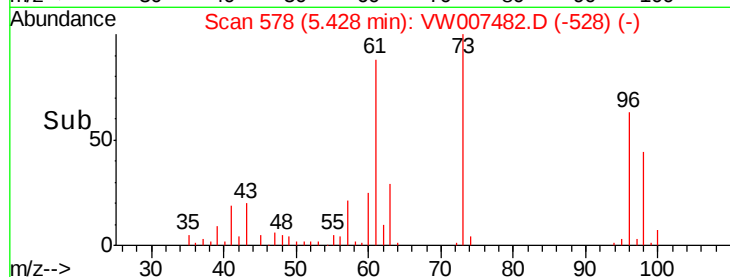
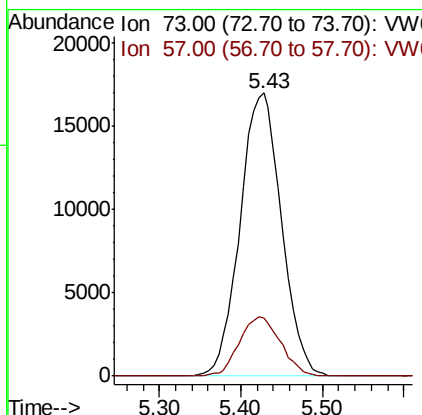
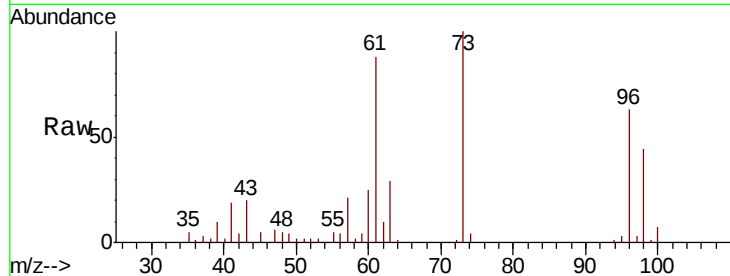


#19

Methyl tert-butyl Ether
 Concen: 55.381 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMS

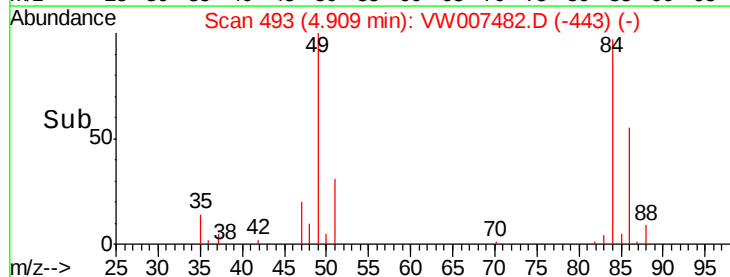
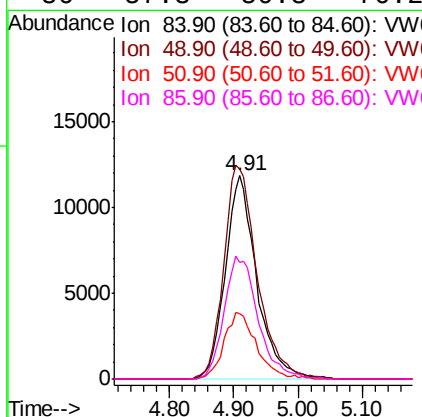
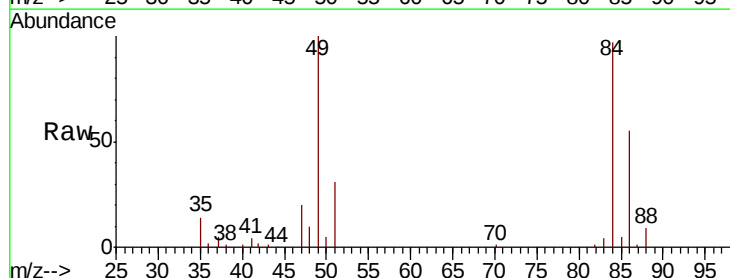
Tot Ion: 73 Resp: 59757
 Ion Ratio Lower Upper
 73 100
 57 20.6 16.4 24.6

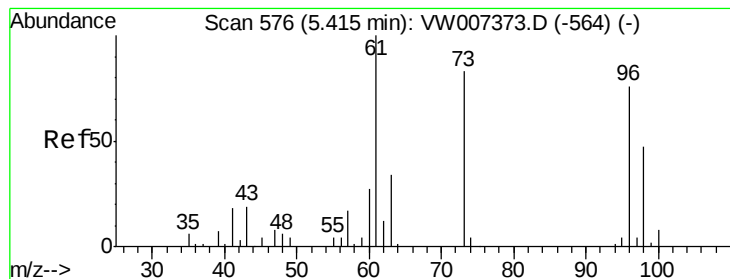


#20

Methylene Chloride
 Concen: 52.561 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Tgt Ion: 84 Resp: 40457
 Ion Ratio Lower Upper
 84 100
 49 103.3 87.1 130.7
 51 31.9 28.2 42.2
 86 57.3 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.519 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMS

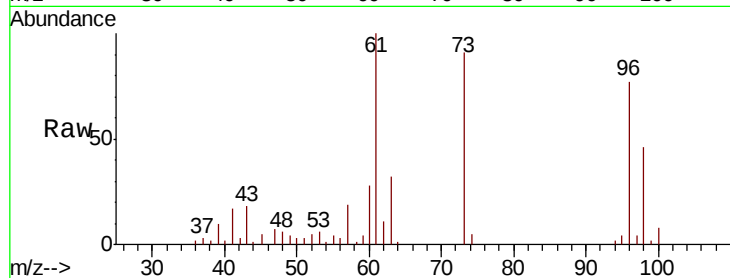
Tot Ion: 96 Resp: 38821

Ion Ratio Lower Upper

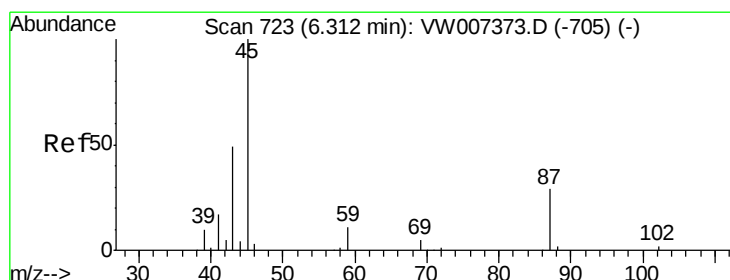
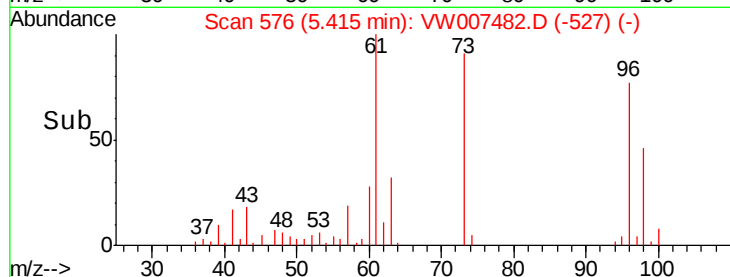
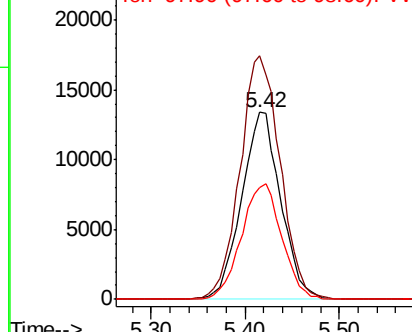
96 100

61 130.1 105.0 157.6

98 59.9 49.7 74.5



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



#22

Diisopropyl ether

Concen: 52.255 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Tgt Ion: 45 Resp: 105896

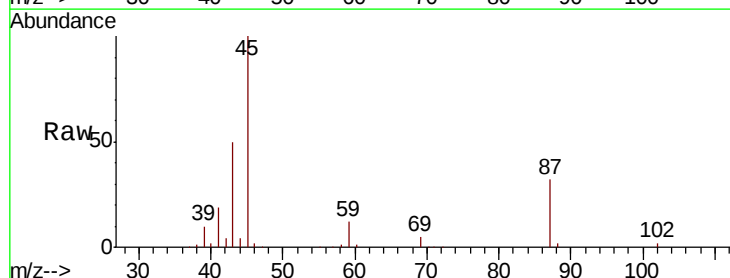
Ion Ratio Lower Upper

45 100

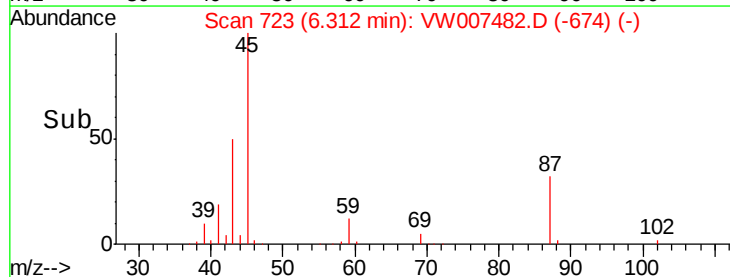
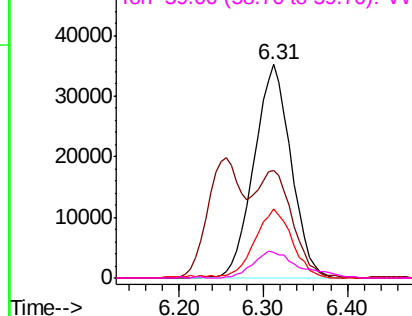
43 49.8 41.6 62.4

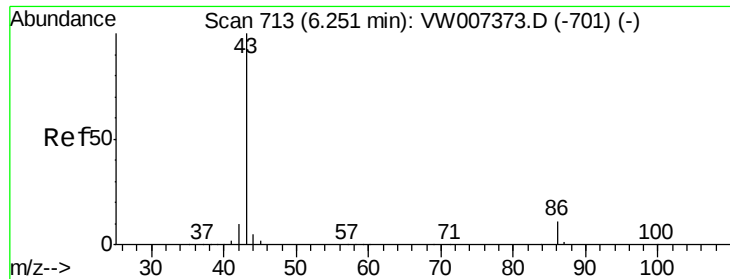
87 32.2 24.3 36.5

59 11.7 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 49.727 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

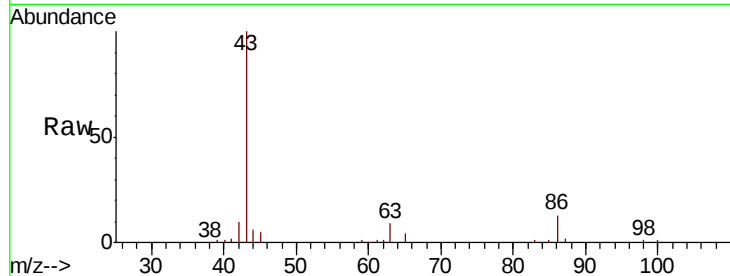
SB-01AMS

Tot Ion: 43 Resp: 56366

Ion Ratio Lower Upper

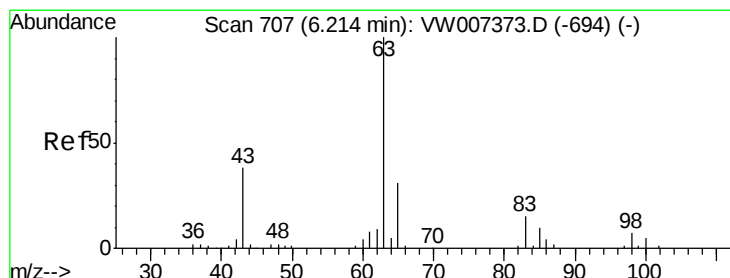
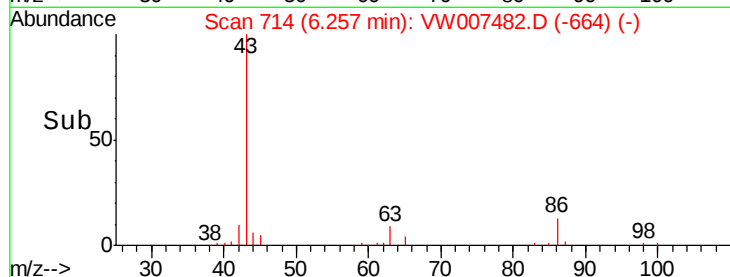
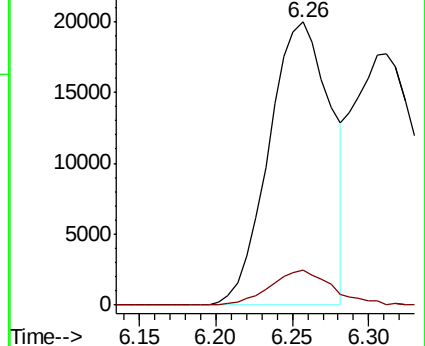
43 100

86 12.6 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.766 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

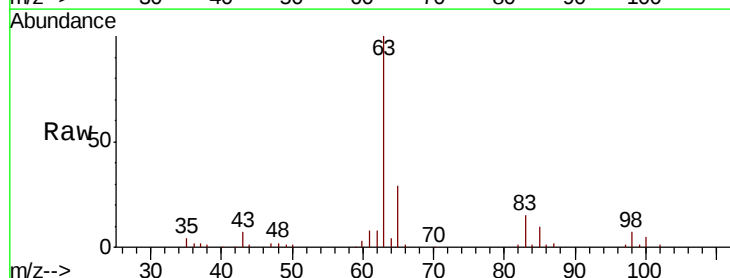
Tgt Ion: 63 Resp: 69531

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

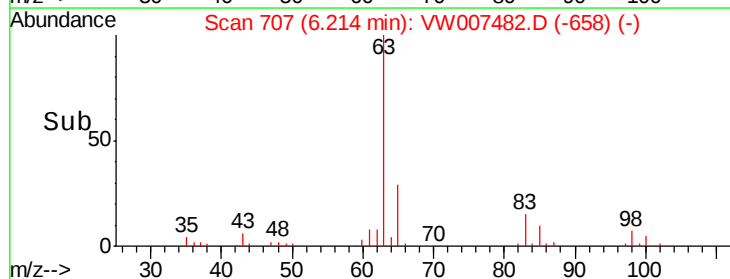
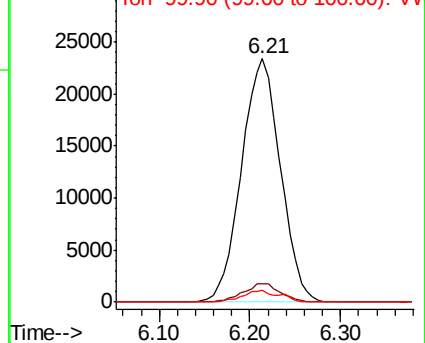
100 4.7 2.5 7.5

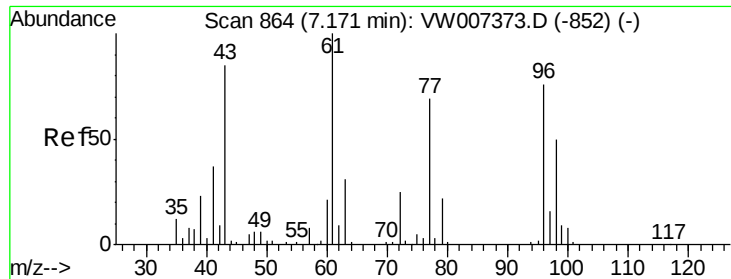


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 293.720 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

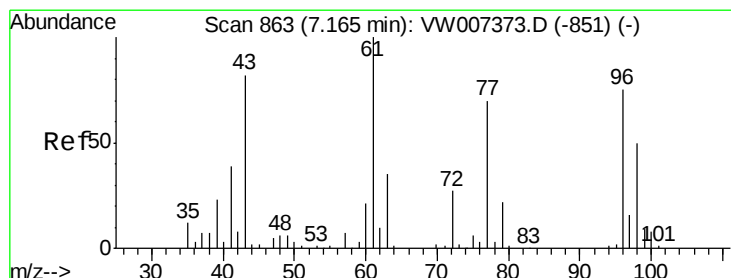
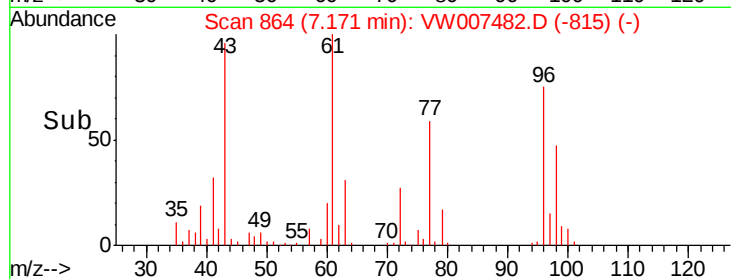
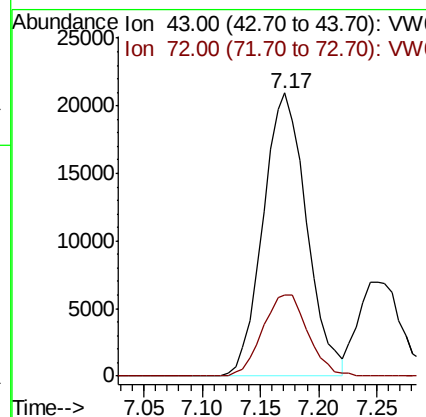
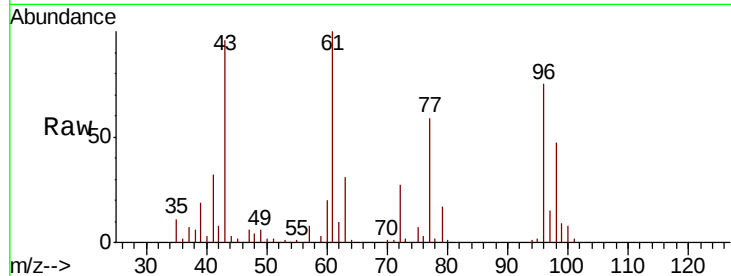
SB-01AMS

Tot Ion: 43 Resp: 54179

Ion Ratio Lower Upper

43 100

72 28.5 23.4 35.2



#26

2,2-Dichloropropane

Concen: 43.286 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007482.D

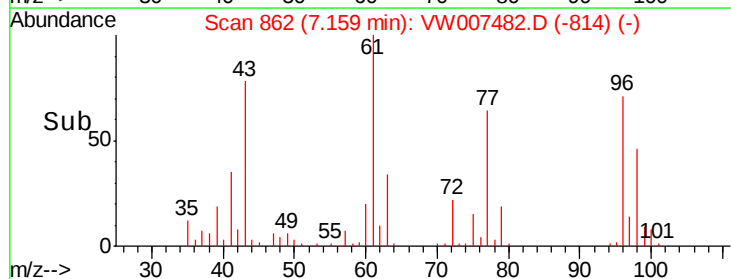
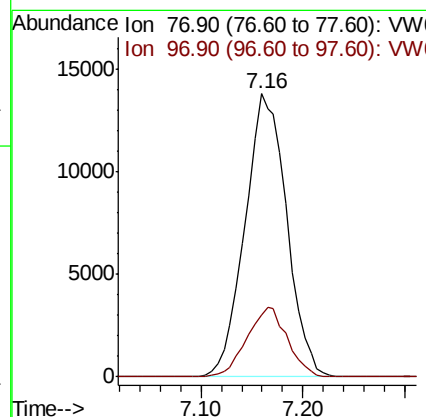
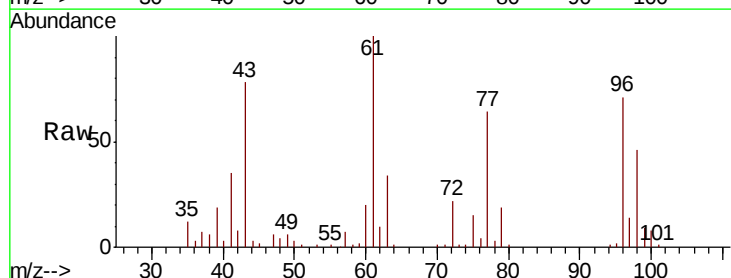
Acq: 13 Dec 2018 12:35

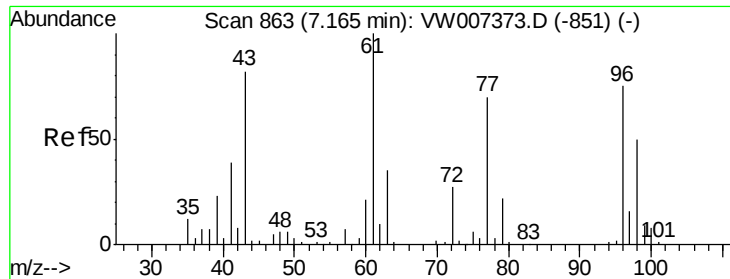
Tgt Ion: 77 Resp: 39237

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.8



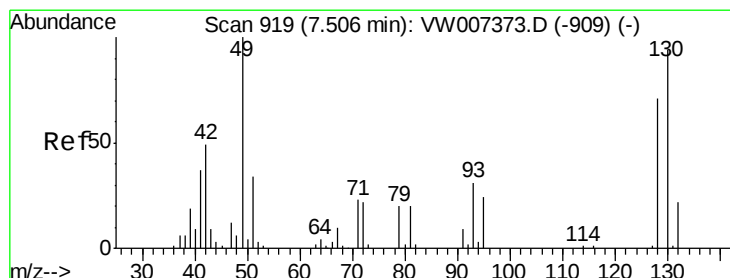
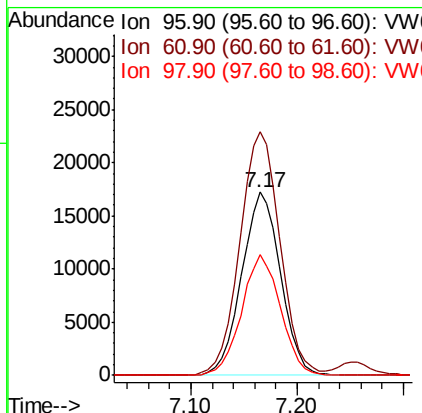
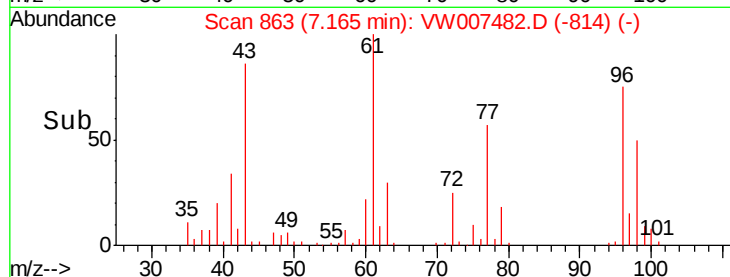
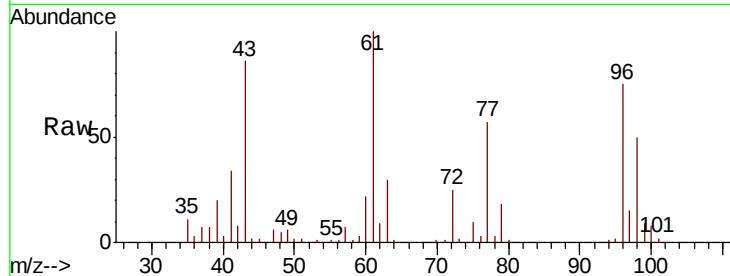


#27

cis-1,2-Dichloroethene
Concen: 50.211 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMS

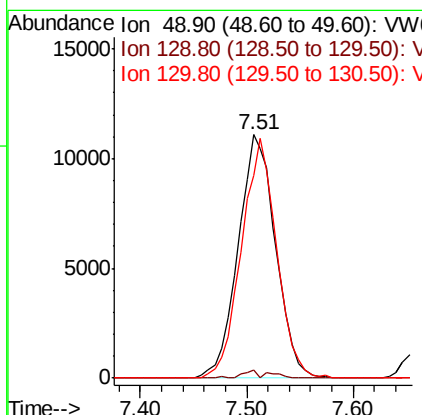
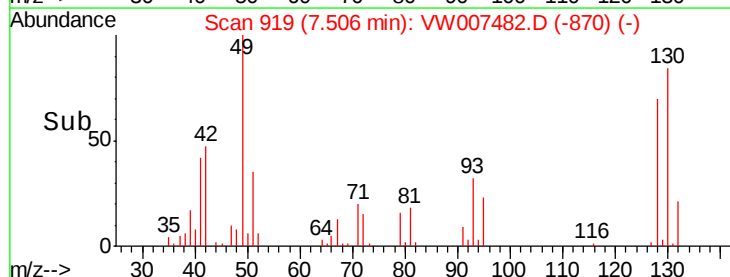
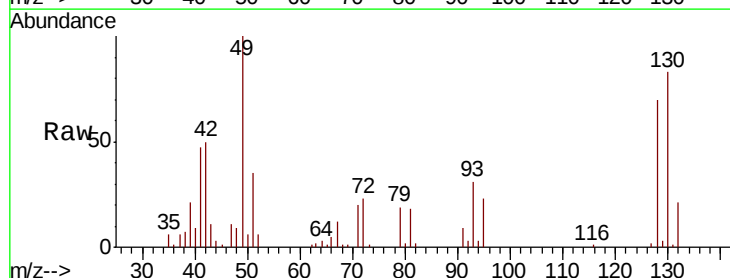
Tot Ion: 96 Resp: 43990
Ion Ratio Lower Upper
96 100
61 137.4 0.0 268.4
98 66.0 0.0 127.8

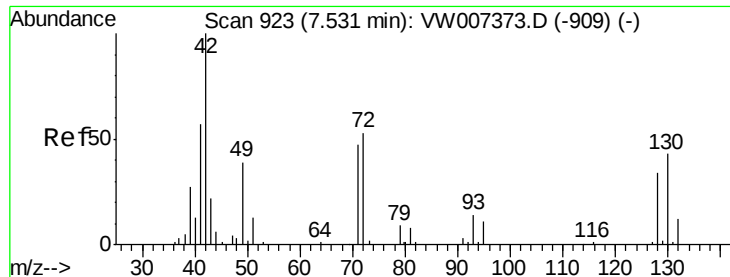


#28

Bromochloromethane
Concen: 53.134 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Tgt Ion: 49 Resp: 27374
Ion Ratio Lower Upper
49 100
129 1.2 0.0 2.6
130 0.0 75.9 113.9#

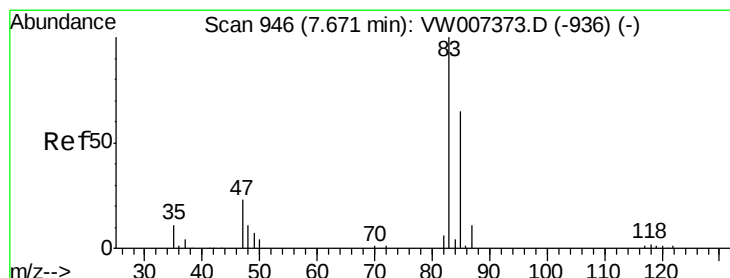
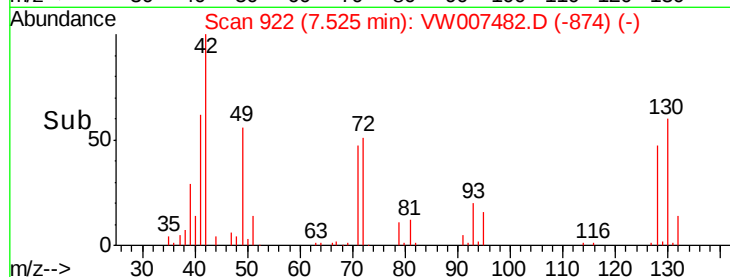
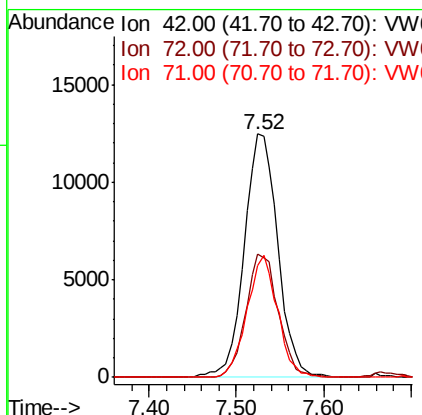
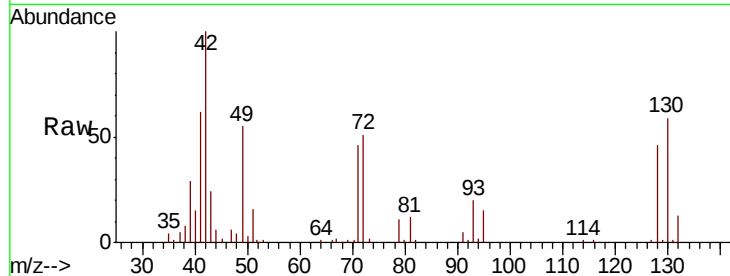




#29
Tetrahydrofuran
Concen: 283.016 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

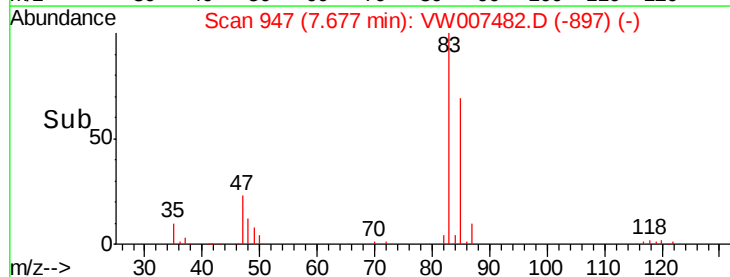
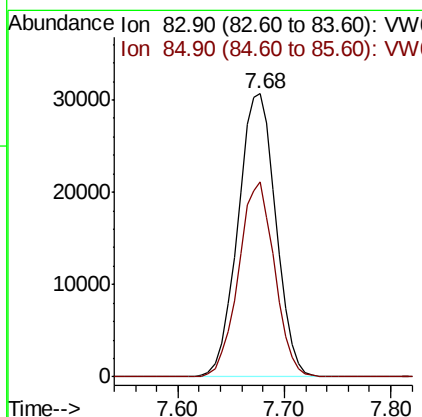
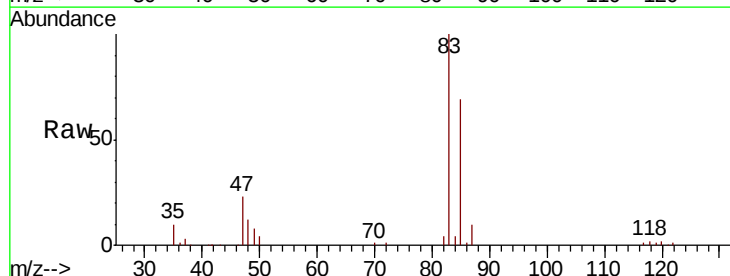
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMS

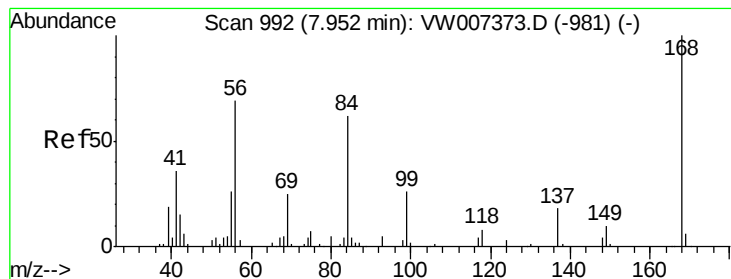
Tot Ion: 42 Resp: 33049
Ion Ratio Lower Upper
42 100
72 48.8 38.2 57.4
71 45.6 35.5 53.3



#30
Chloroform
Concen: 51.402 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Tgt Ion: 83 Resp: 76615
Ion Ratio Lower Upper
83 100
85 68.9 51.8 77.8





#31

Cyclohexane

Concen: 42.861 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMS

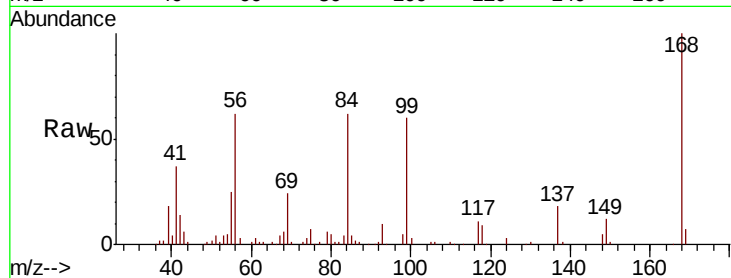
Tot Ion: 56 Resp: 53860

Ion Ratio Lower Upper

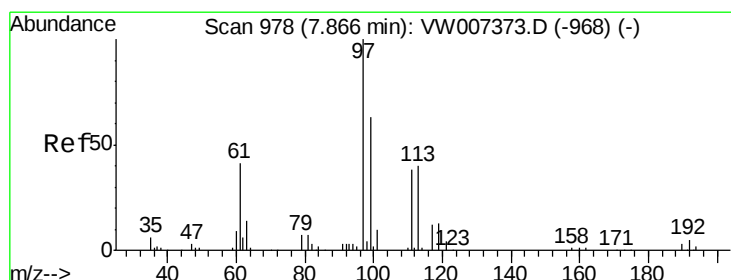
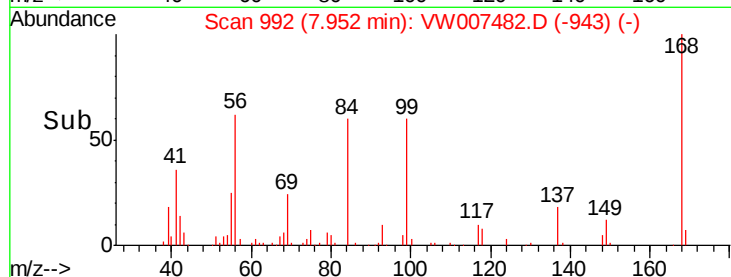
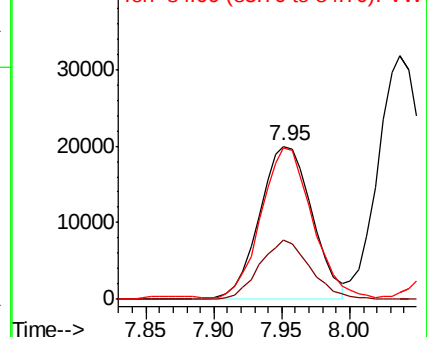
56 100

69 39.0 28.9 43.3

84 97.7 71.8 107.6



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: 50.043 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

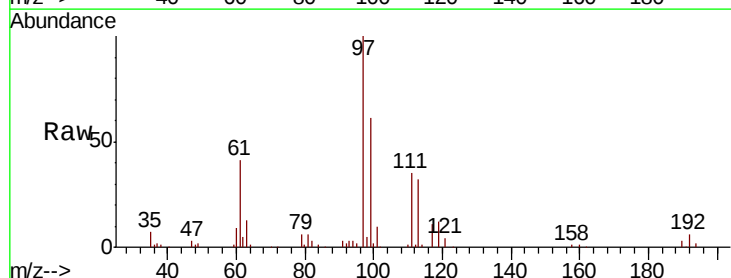
Tgt Ion: 97 Resp: 65410

Ion Ratio Lower Upper

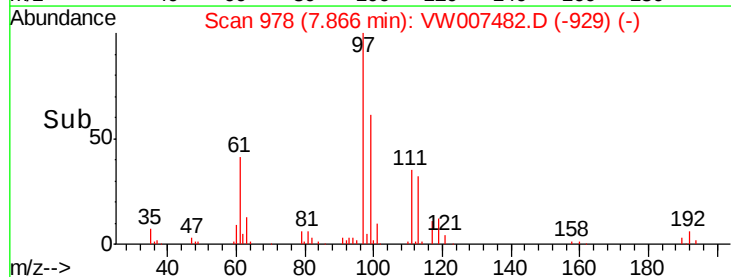
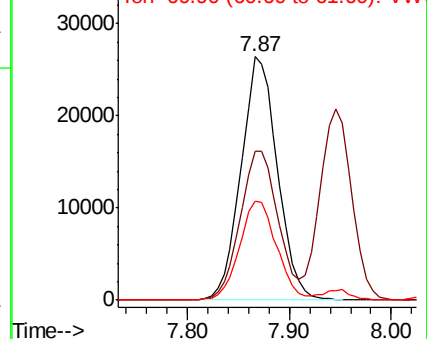
97 100

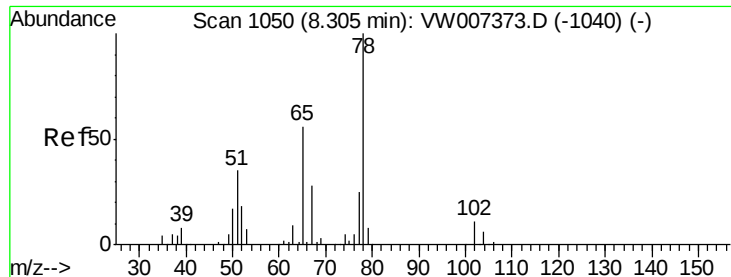
99 63.8 51.1 76.7

61 41.5 33.2 49.8



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: 50.207 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

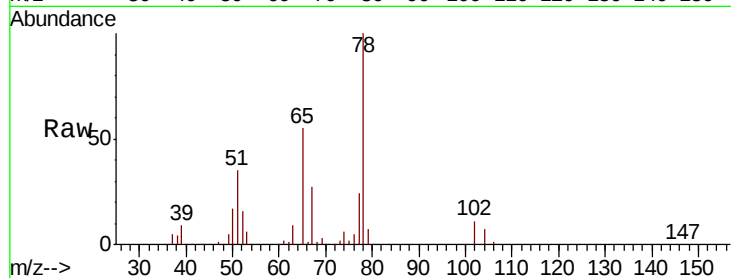
SB-01AMS

Tot Ion: 65 Resp: 40613

Ion Ratio Lower Upper

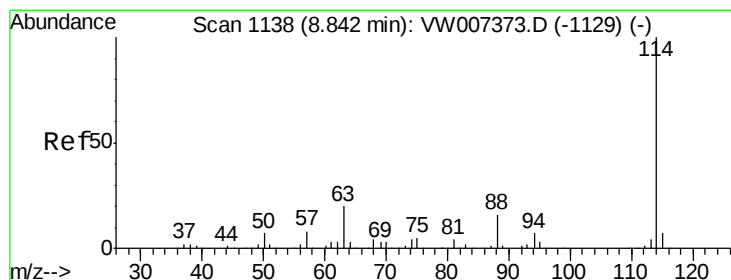
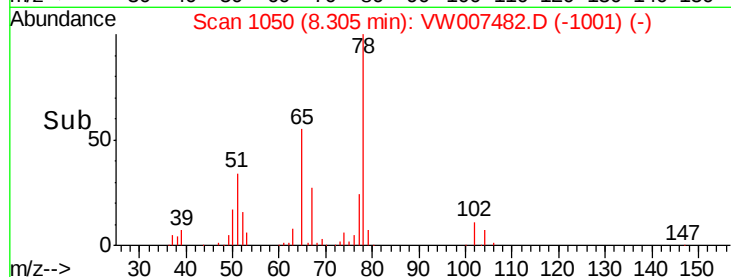
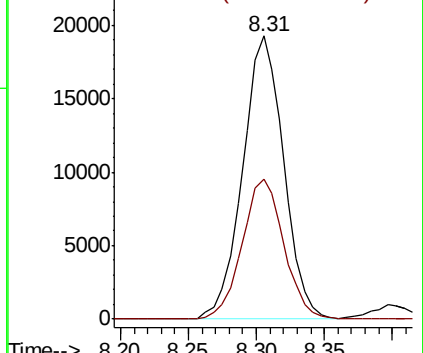
65 100

67 50.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

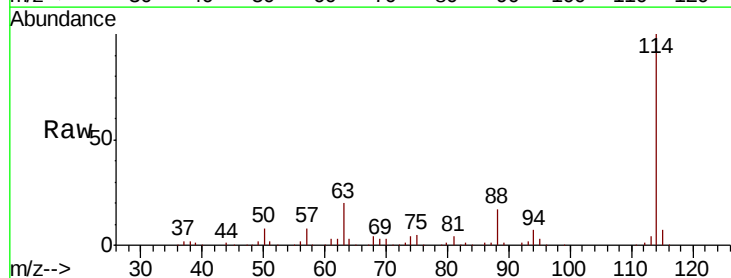
Tgt Ion: 114 Resp: 125552

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

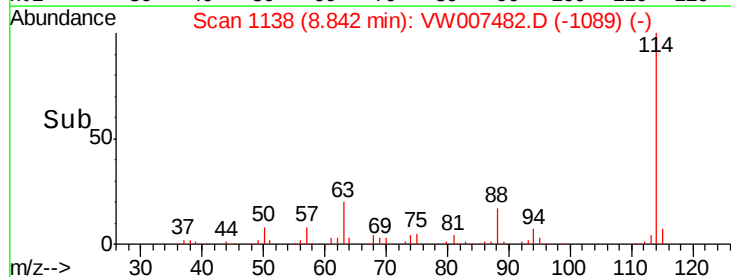
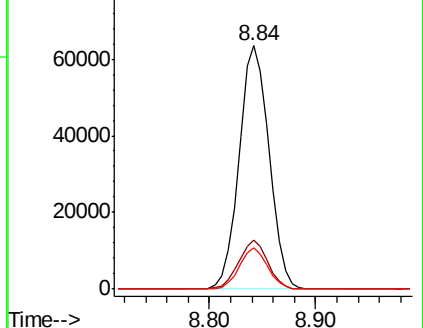
88 16.8 0.0 31.4

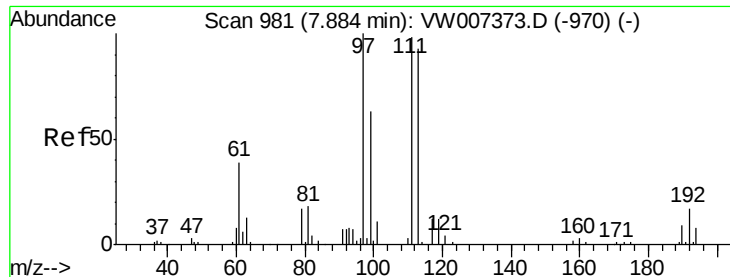


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

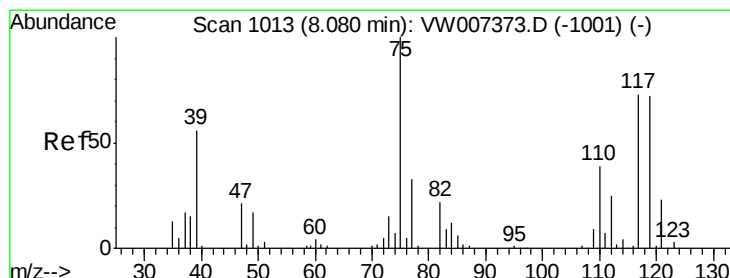
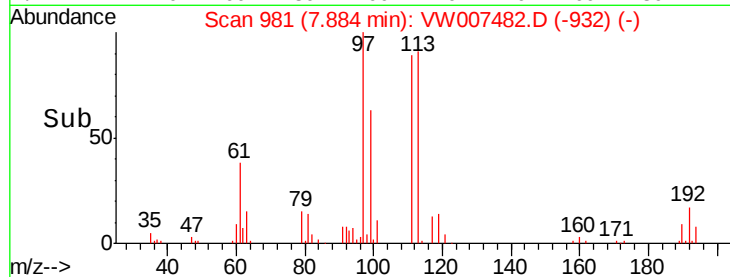
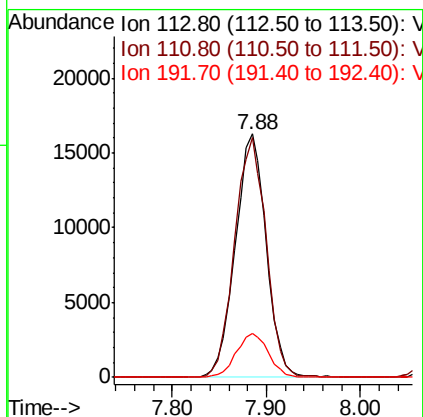
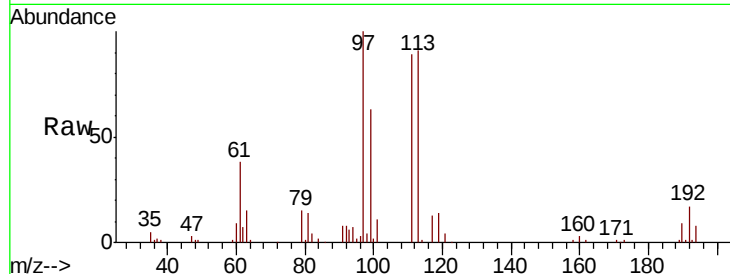




#35
 Dibromofluoromethane
 Concen: 49.061 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

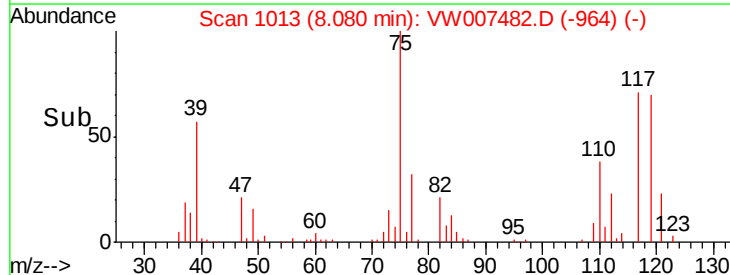
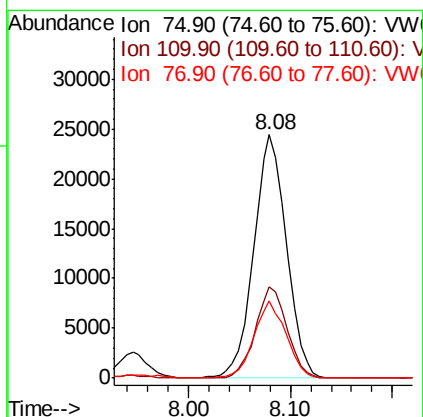
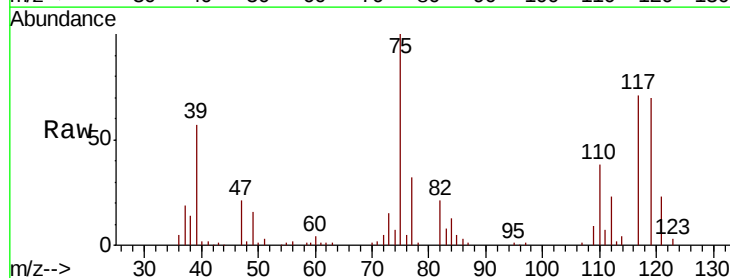
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMS

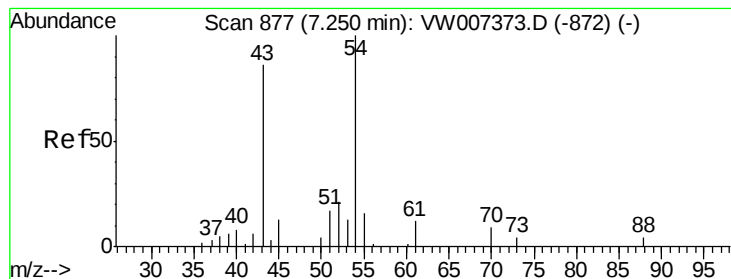
Tot Ion:113 Resp: 37287
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.1 121.7
 192 18.7 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 47.551 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Tgt Ion: 75 Resp: 54462
 Ion Ratio Lower Upper
 75 100
 110 36.2 18.5 55.5
 77 31.2 25.6 38.4





#37

Ethyl Acetate

Concen: 44.290 ug/l

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMS

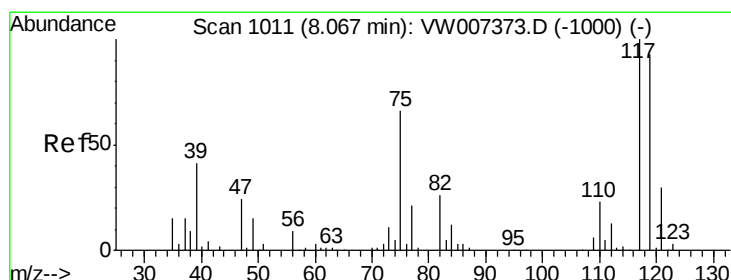
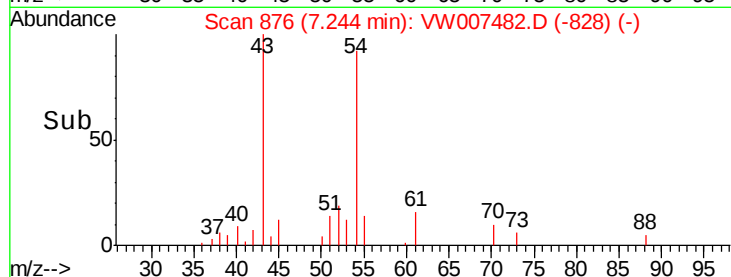
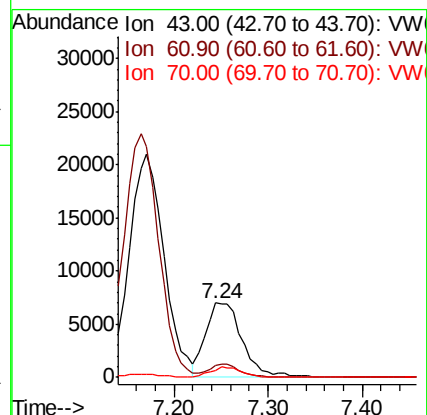
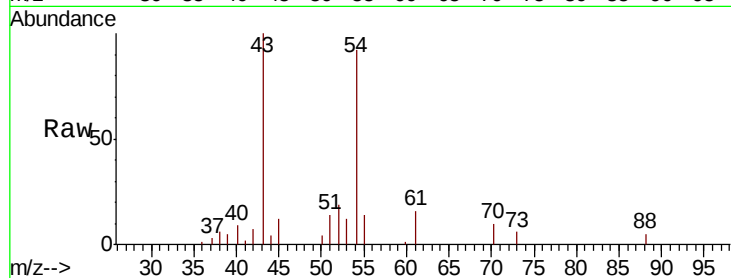
Tot Ion: 43 Resp: 18867

Ion Ratio Lower Upper

43 100

61 14.6 12.1 18.1

70 11.9 10.0 15.0



#38

Carbon Tetrachloride

Concen: 49.582 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

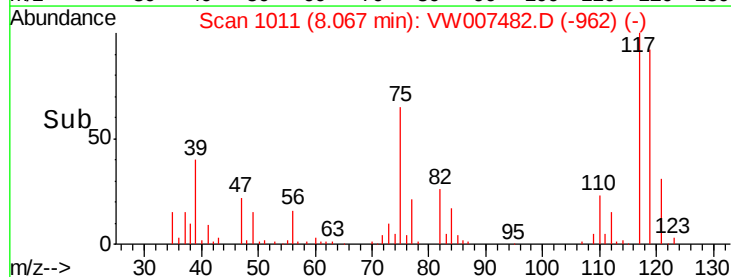
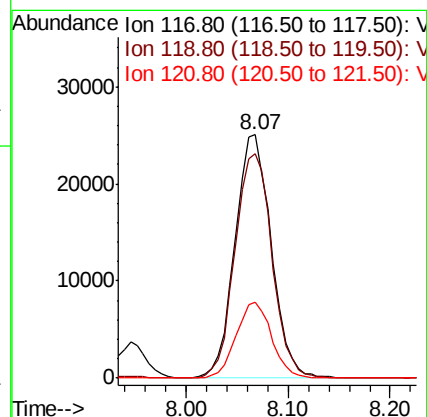
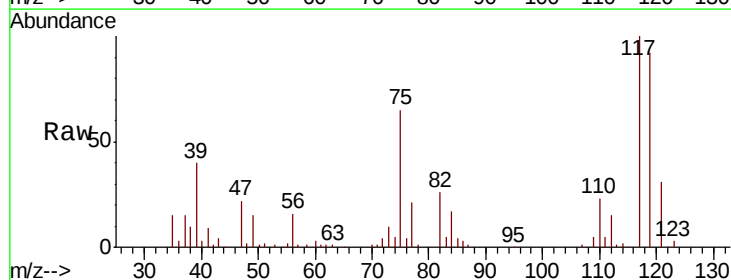
Tgt Ion: 117 Resp: 61789

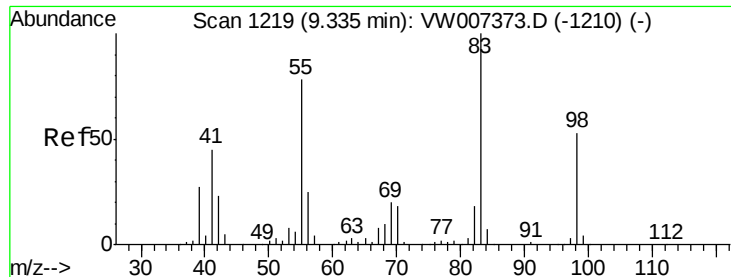
Ion Ratio Lower Upper

117 100

119 92.1 74.3 111.5

121 31.3 24.3 36.5

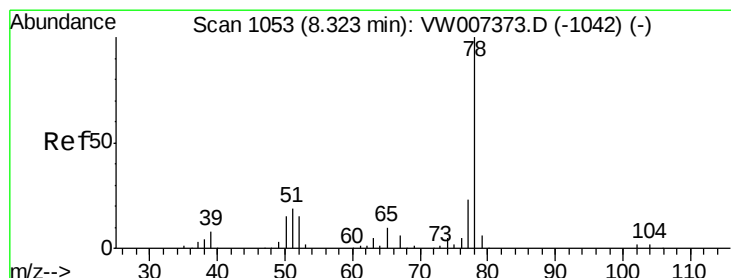
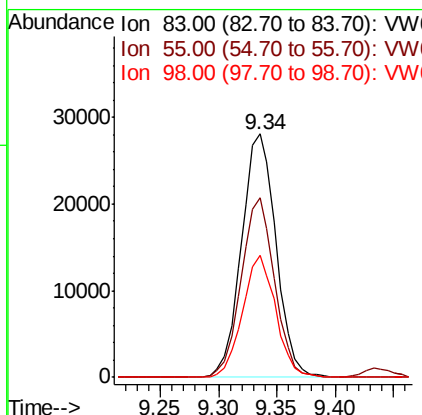
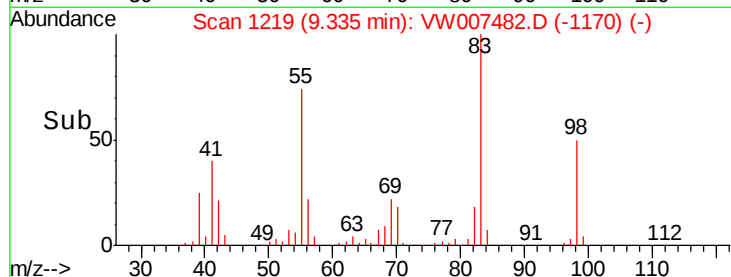
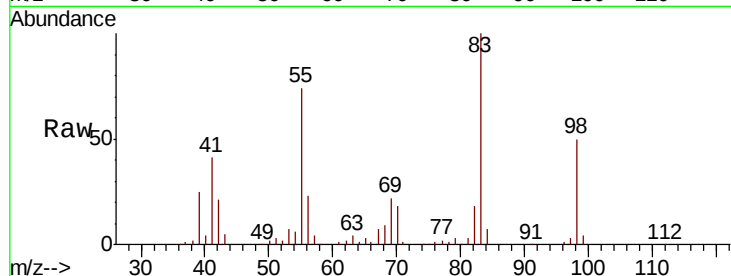




#39
Methvlcvclohexane
Concen: 41.911 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

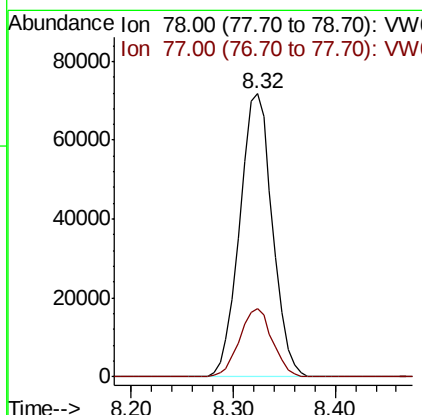
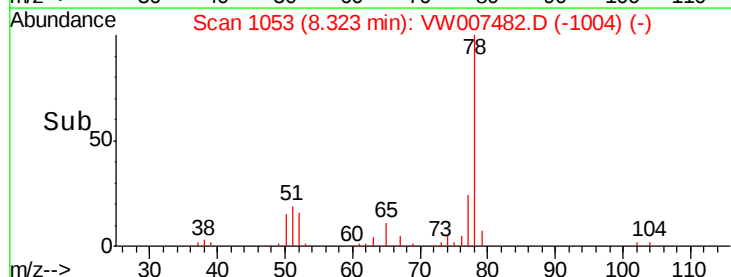
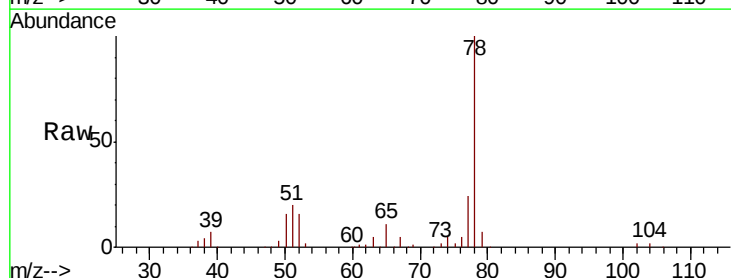
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMS

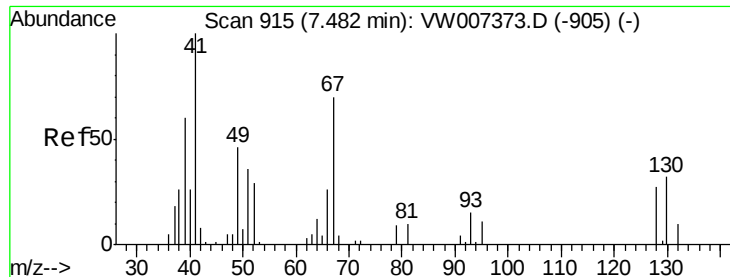
Tot Ion	83.00	Resp	58125
Ion	Ratio	Lower	Upper
83	100		
55	73.9	62.8	94.2
98	50.0	42.2	63.2



#40
Benzene
Concen: 50.281 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Tgt Ion	78	Resp	159818
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2

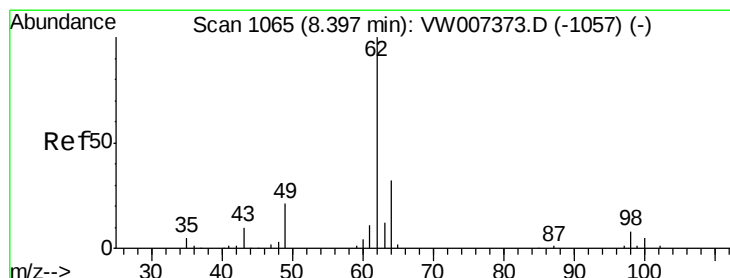
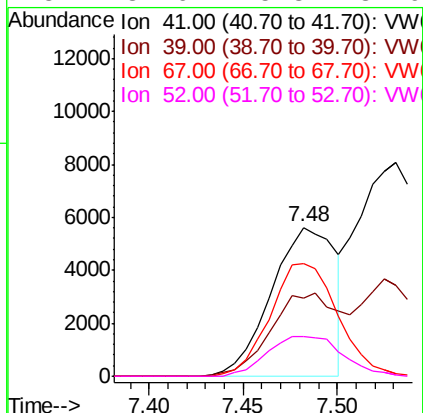
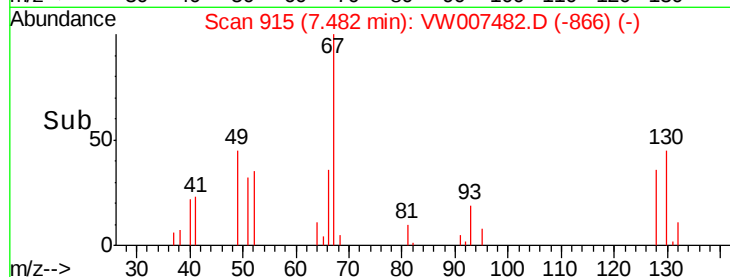
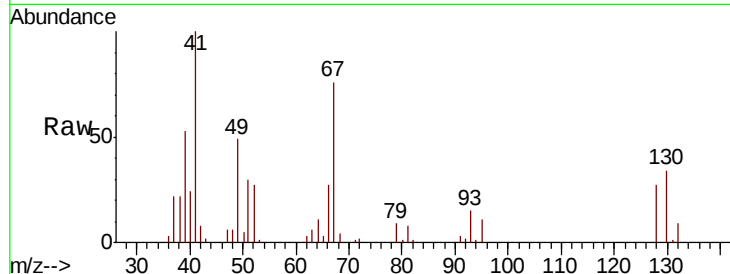




#41
Methacrylonitrile
Concen: 54.782 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

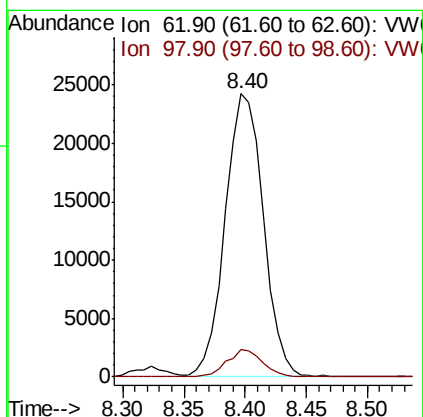
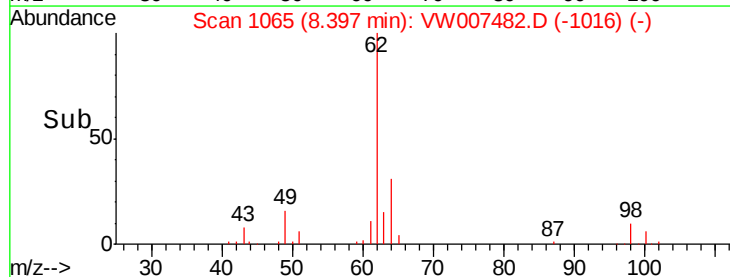
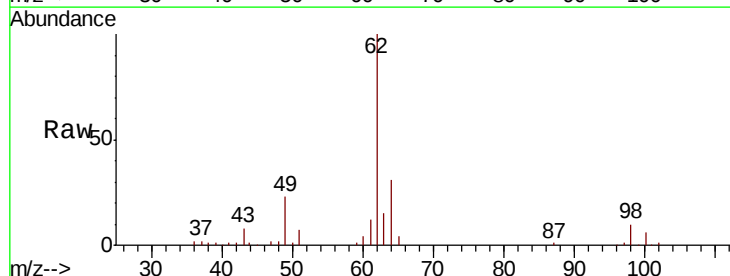
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMS

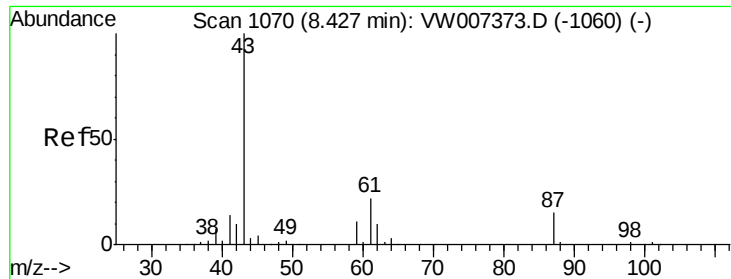
Tot Ion: 41 Resp: 13289
Ion Ratio Lower Upper
41 100
39 61.9 52.2 78.2
67 79.7 60.5 90.7
52 31.6 25.3 37.9



#42
1,2-Dichloroethane
Concen: 52.556 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Tgt Ion: 62 Resp: 52475
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6





#43

Isopropyl Acetate

Concen: 48.301 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMS

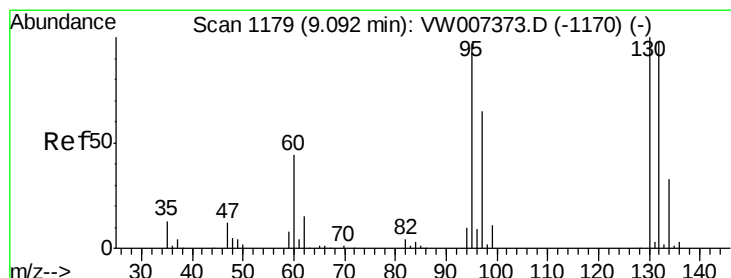
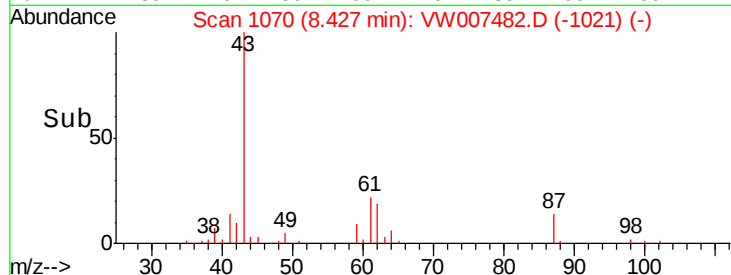
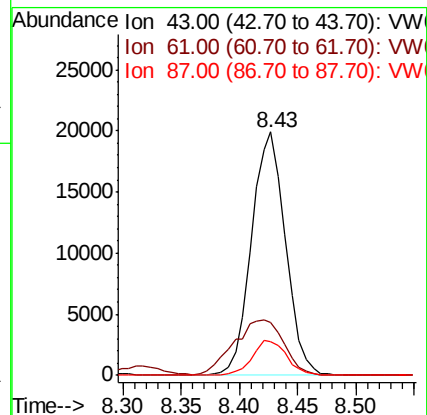
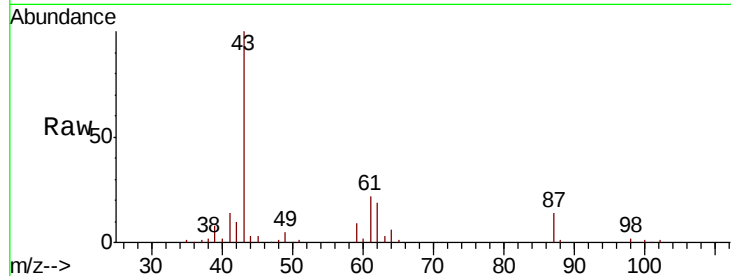
Tot Ion: 43 Resp: 40643

Ion Ratio Lower Upper

43 100

61 33.5 25.3 37.9

87 14.6 11.8 17.8



#44

Trichloroethene

Concen: 49.665 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007482.D

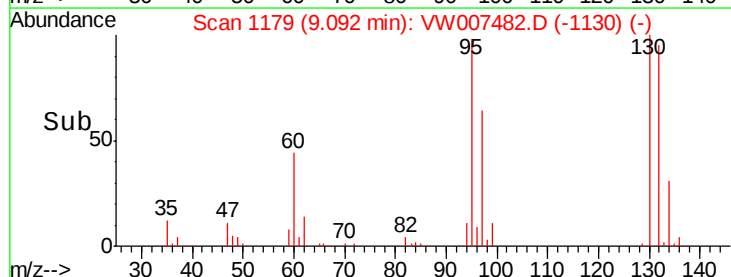
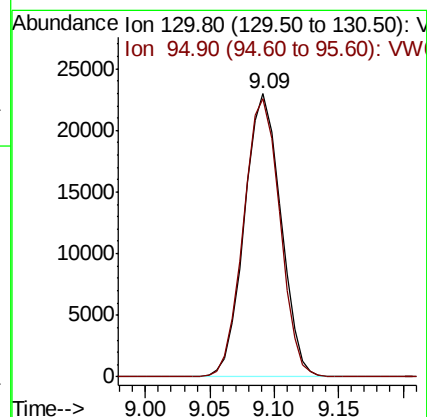
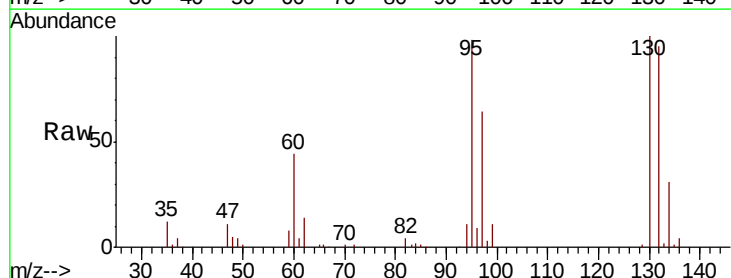
Acq: 13 Dec 2018 12:35

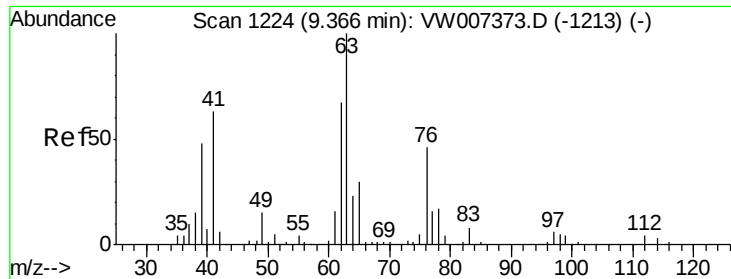
Tgt Ion: 130 Resp: 45078

Ion Ratio Lower Upper

130 100

95 98.2 0.0 193.2

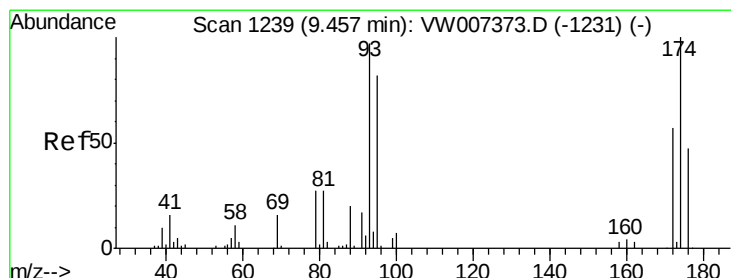
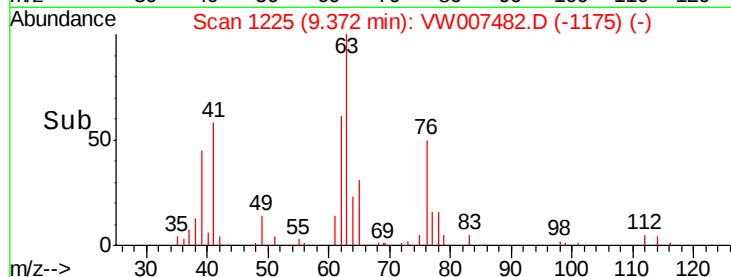
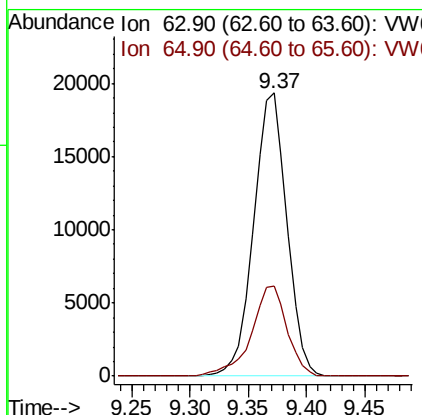
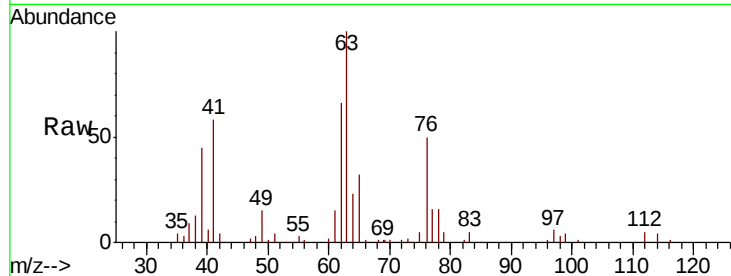




#45
 1,2-Dichloropropane
 Concen: 52.020 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

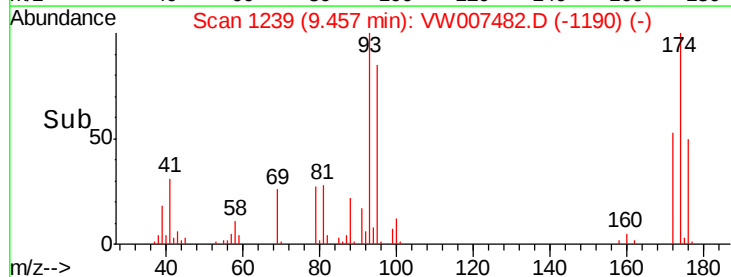
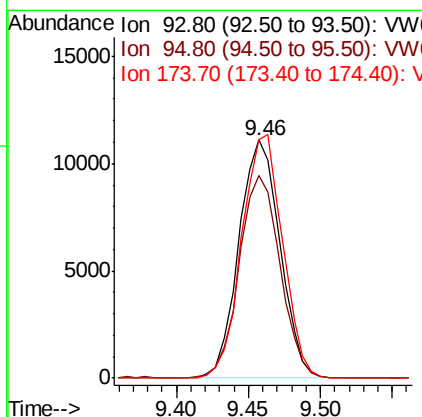
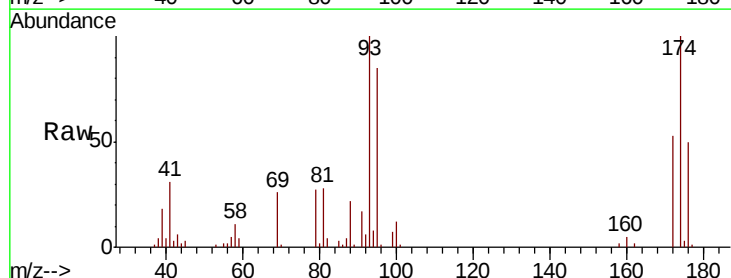
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMS

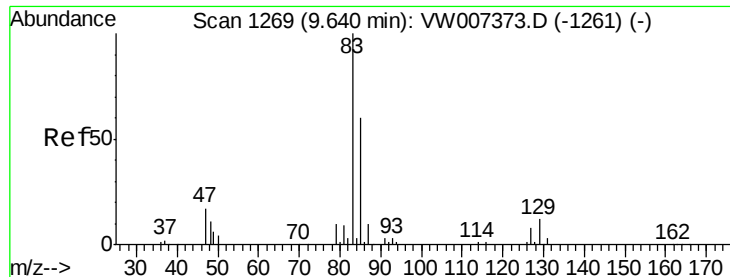
Tot Ion: 63 Resp: 38263
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.4 36.6



#46
 Dibromomethane
 Concen: 52.552 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Tgt Ion: 93 Resp: 21951
 Ion Ratio Lower Upper
 93 100
 95 84.6 68.0 102.0
 174 101.6 83.2 124.8





#47

Bromodichloromethane

Concen: 52.096 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMS

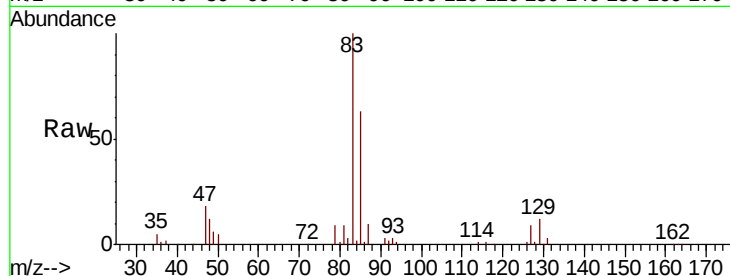
Tot Ion: 83 Resp: 57079

Ion Ratio Lower Upper

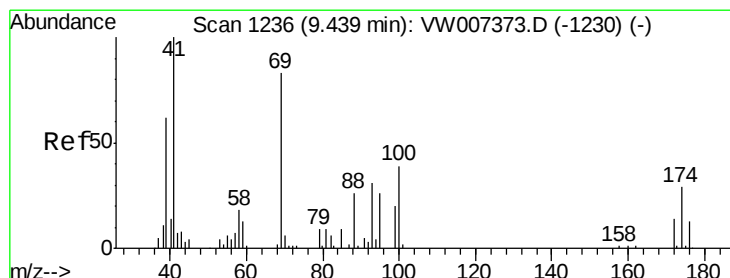
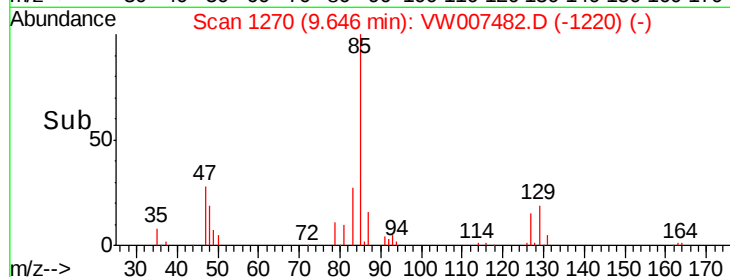
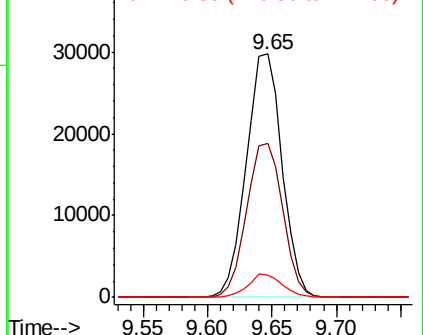
83 100

85 63.1 47.6 71.4

127 9.2 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 61.061 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

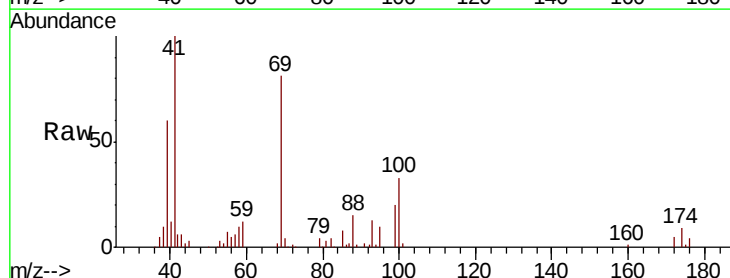
Tgt Ion: 41 Resp: 26388

Ion Ratio Lower Upper

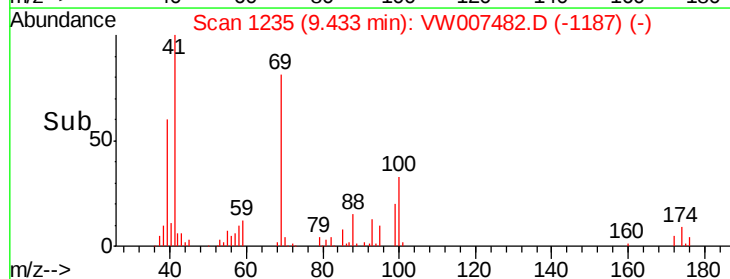
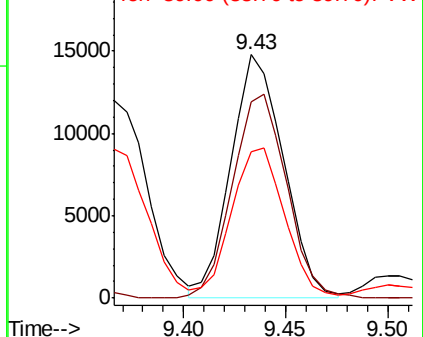
41 100

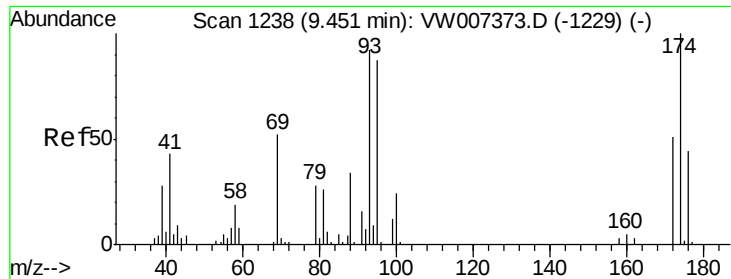
69 86.8 69.8 104.8

39 63.0 50.9 76.3



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

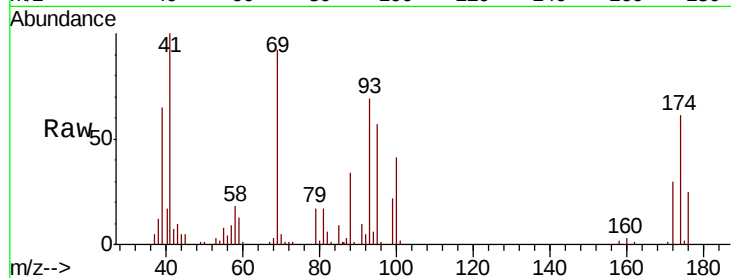




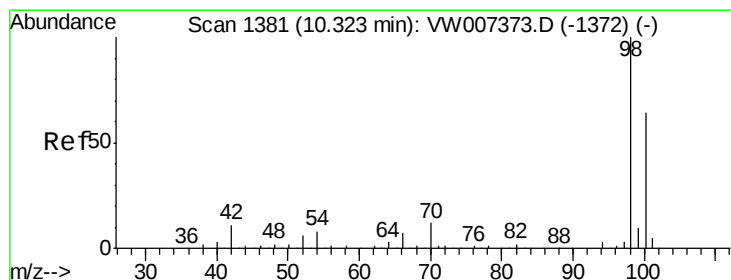
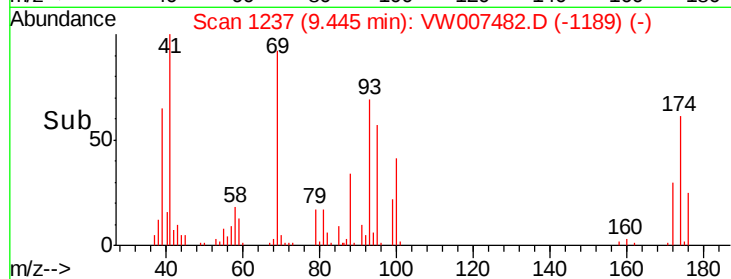
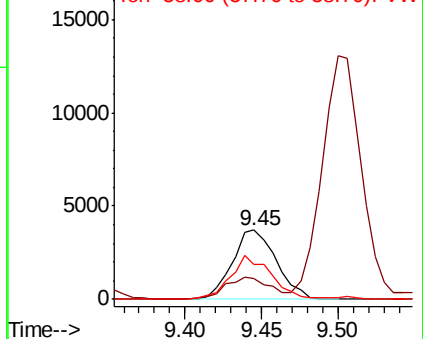
#49
1,4-Dioxane
Concen: 1094.799 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMS

Tot Ion: 88 Resp: 7420
Ion Ratio Lower Upper
88 100
43 31.5 25.0 37.4
58 59.4 51.4 77.2

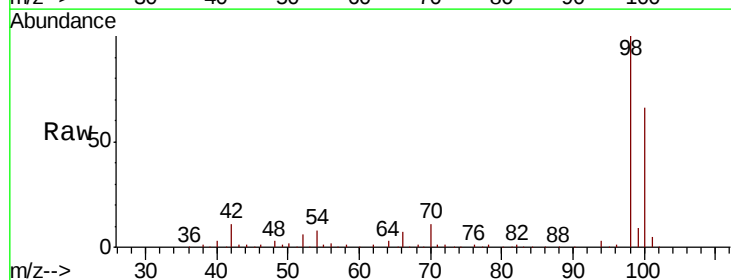


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

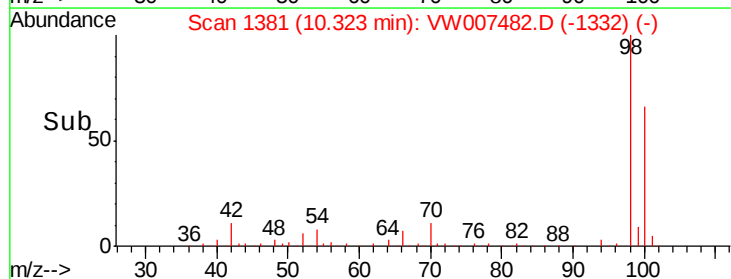
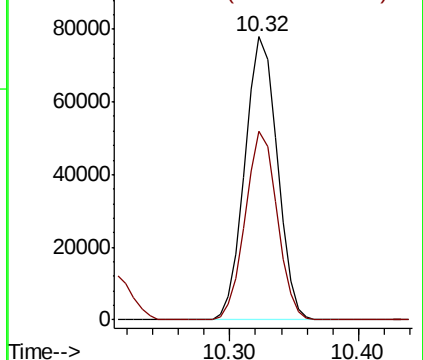


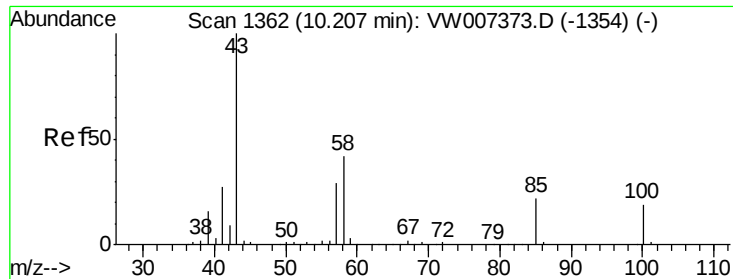
#50
Toluene-d8
Concen: 47.624 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Tgt Ion: 98 Resp: 135711
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8



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





#51

4-Methyl-2-Pentanone

Concen: 287.843 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampled :

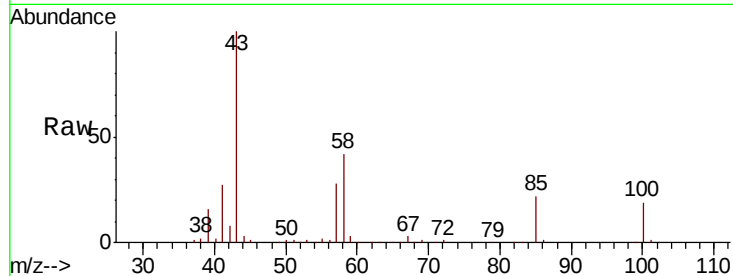
SB-01AMS

Tot Ion: 43 Resp: 114443

Ion Ratio Lower Upper

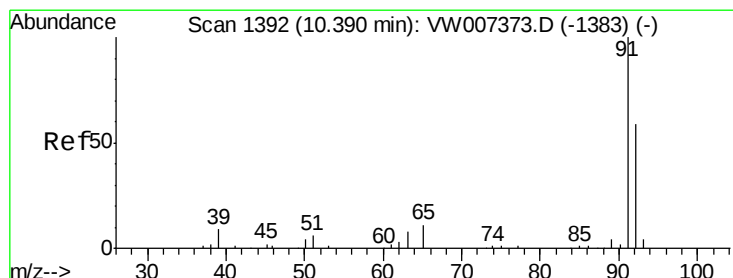
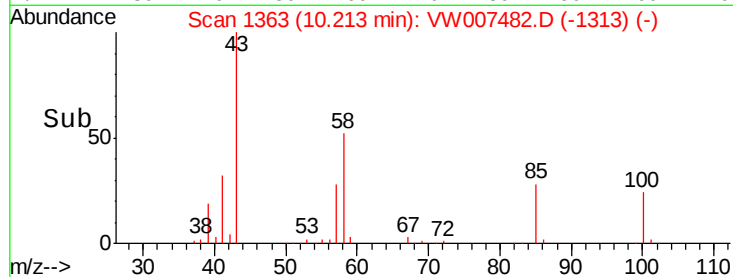
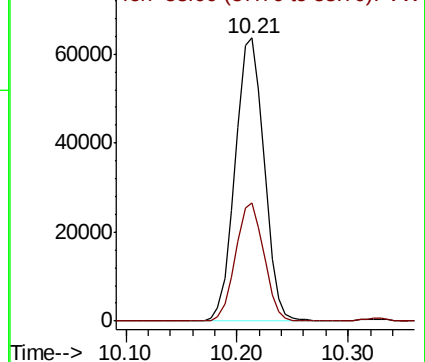
43 100

58 41.0 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 49.859 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007482.D

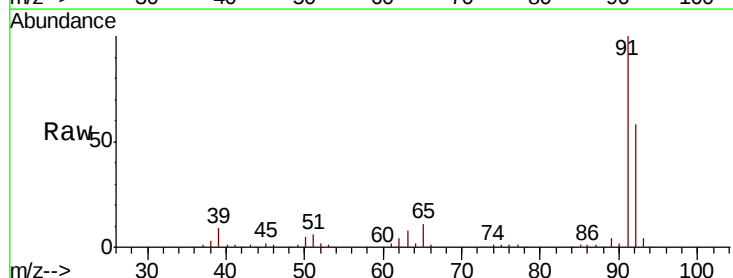
Acq: 13 Dec 2018 12:35

Tgt Ion: 92 Resp: 102557

Ion Ratio Lower Upper

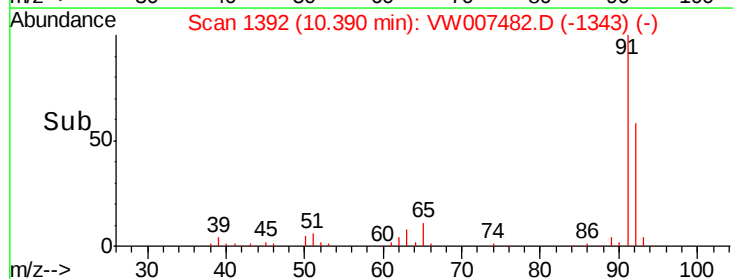
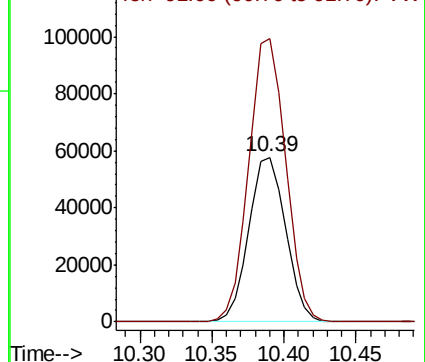
92 100

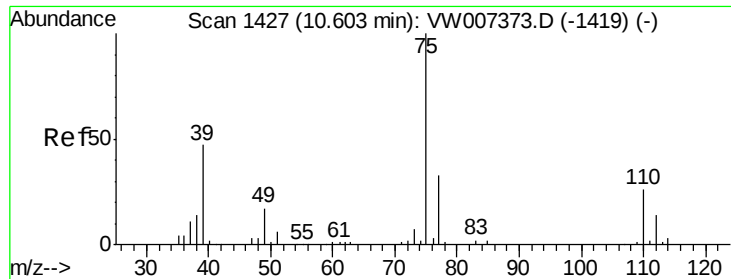
91 171.9 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

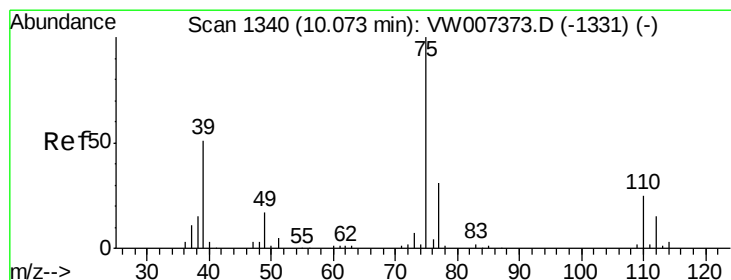
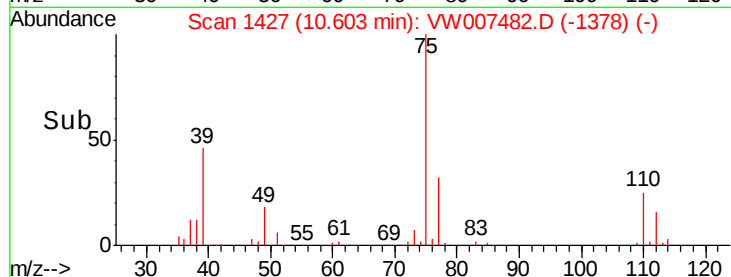
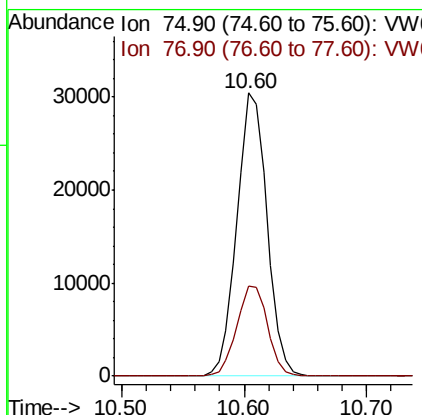
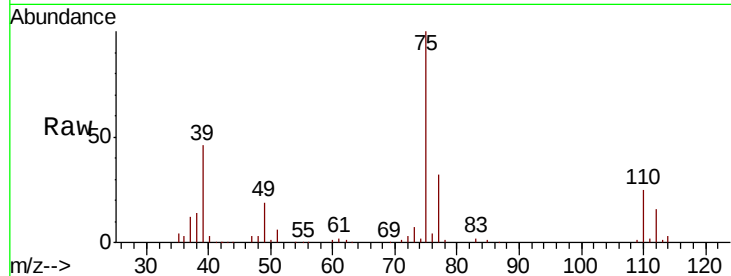




#53
 t-1,3-Dichloropropene
 Concen: 48.771 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

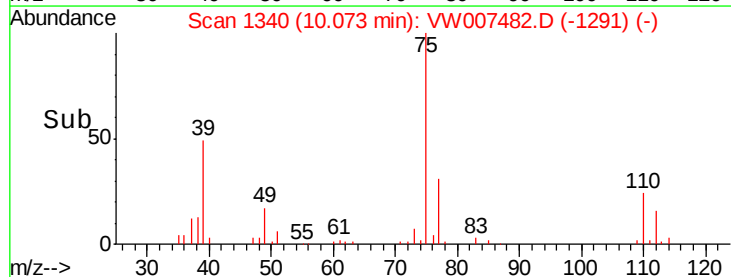
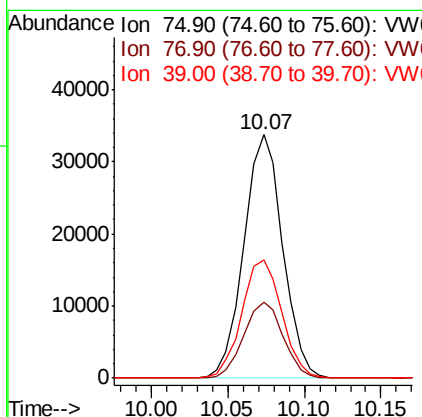
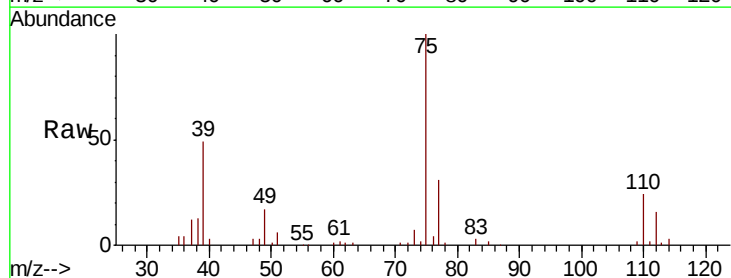
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMS

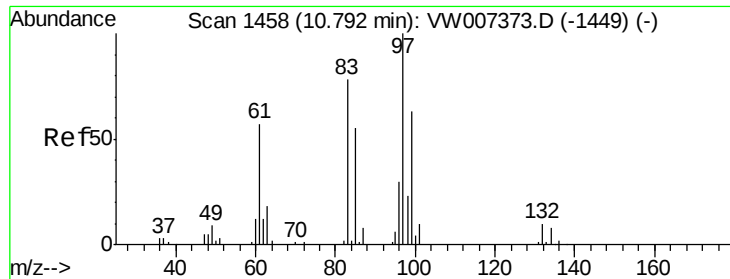
Tot Ion: 75 Resp: 51877
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.363 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Tgt Ion: 75 Resp: 59468
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2
 39 48.6 40.9 61.3

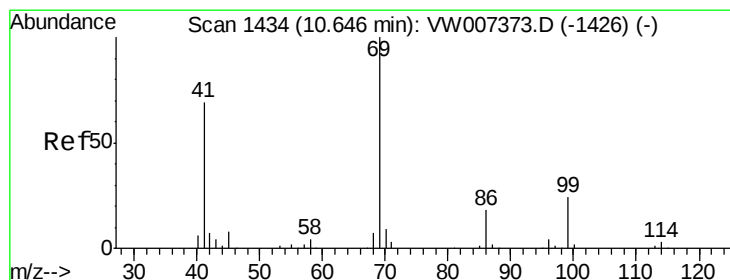
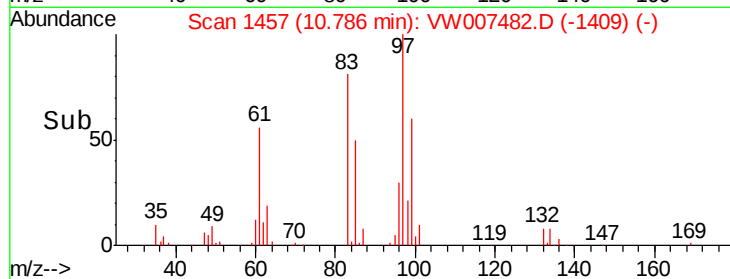
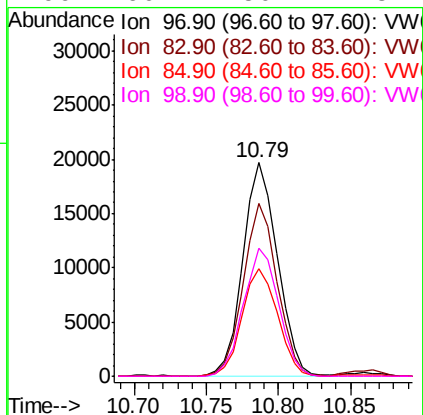
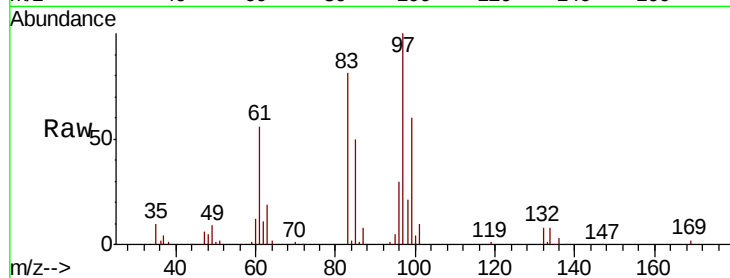




#55
 1,1,2-Trichloroethane
 Concen: 57.681 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

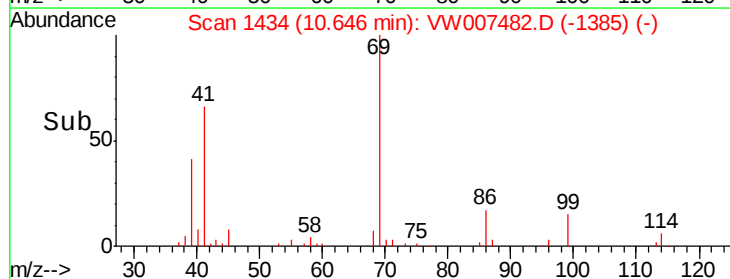
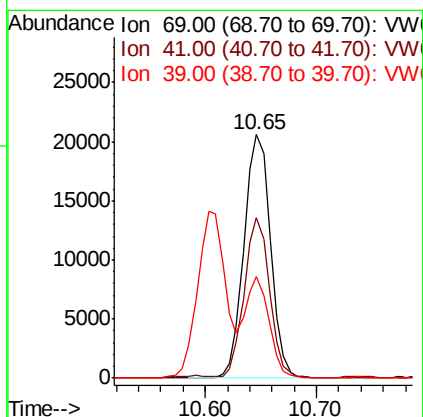
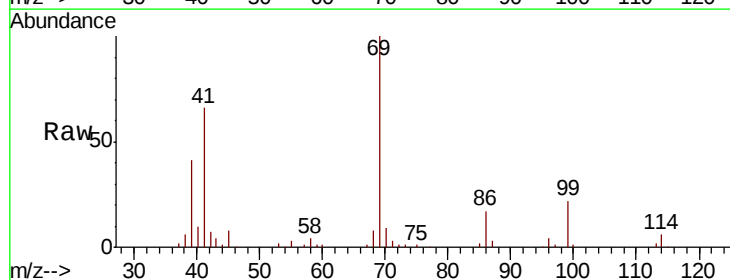
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMS

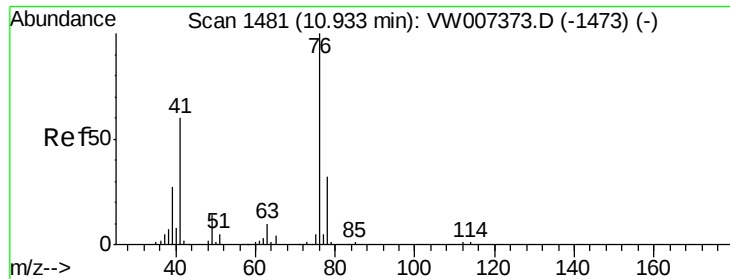
Tot Ion:	97	Resp:	32791
Ion	Ratio	Lower	Upper
97	100		
83	81.1	62.1	93.1
85	50.2	44.2	66.4
99	60.1	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 50.033 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Tgt Ion:	69	Resp:	34188
Ion	Ratio	Lower	Upper
69	100		
41	63.1	51.0	76.6
39	37.6	30.8	46.2

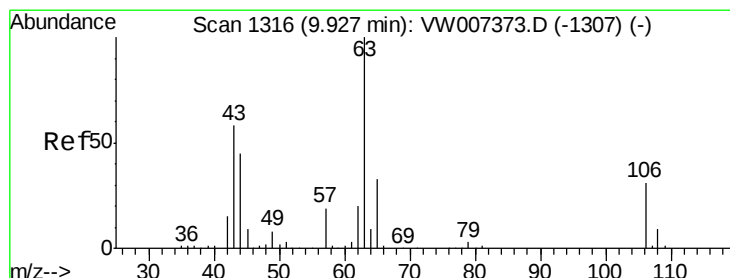
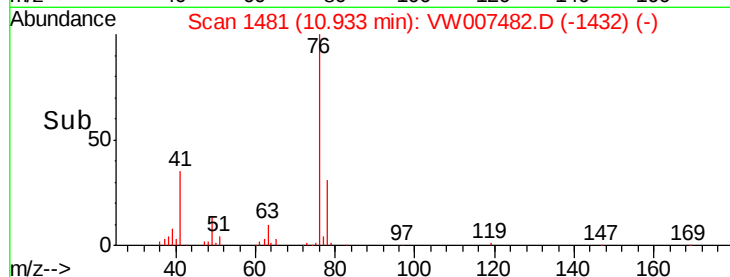
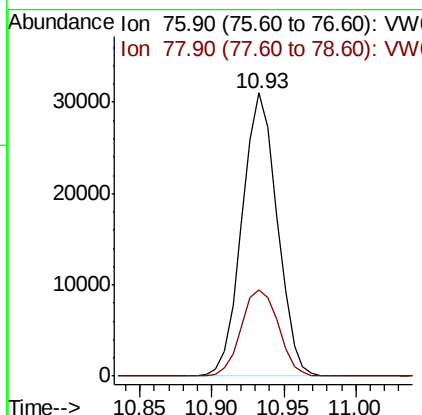
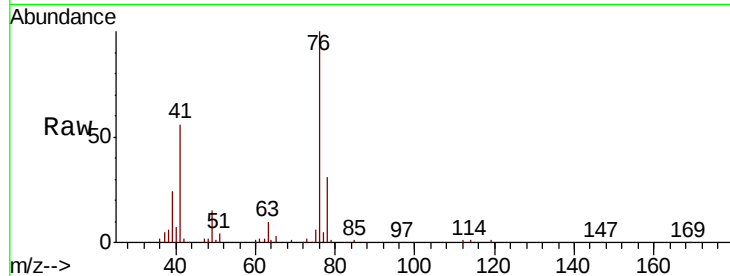




#57
 1,3-Dichloropropane
 Concen: 56.206 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

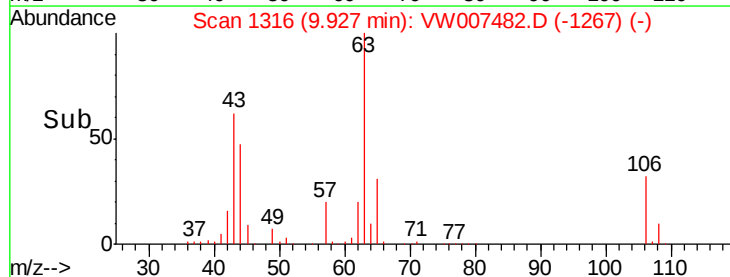
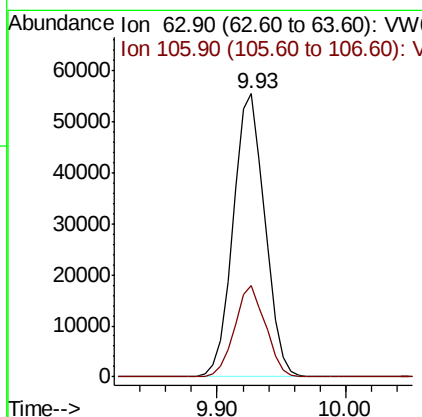
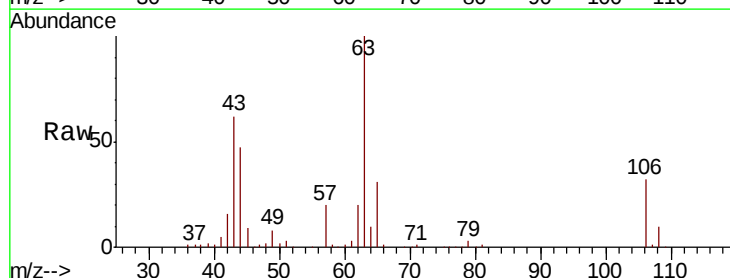
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMS

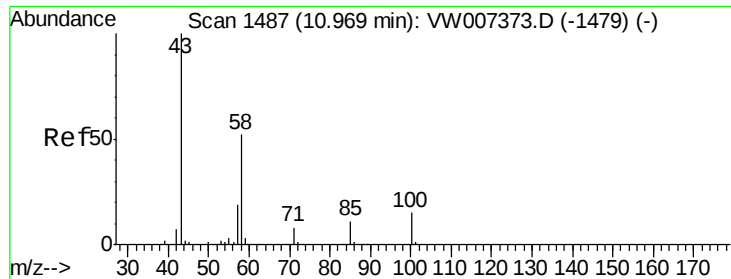
Tot Ion: 76 Resp: 52446
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 300.499 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Tgt Ion: 63 Resp: 94689
 Ion Ratio Lower Upper
 63 100
 106 31.3 25.0 37.6

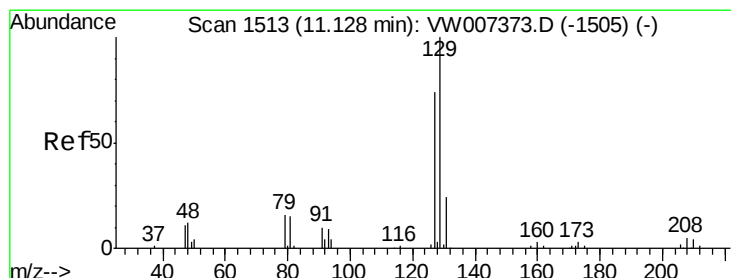
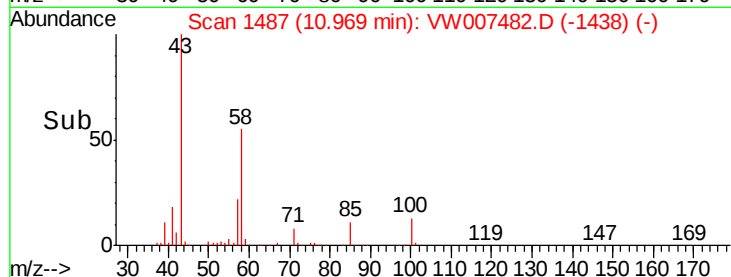
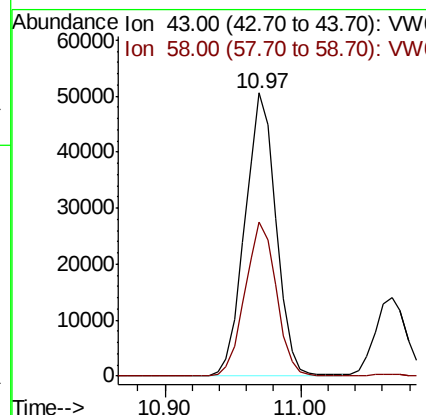
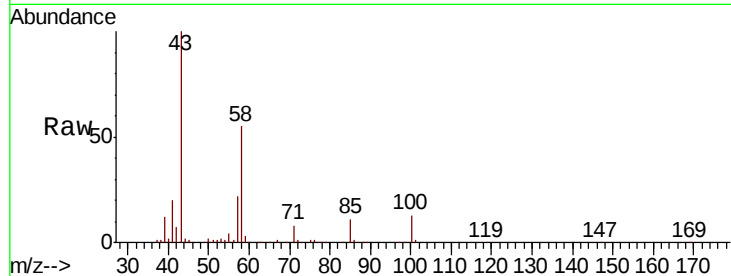




#59
2-Hexanone
Concen: 305.425 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

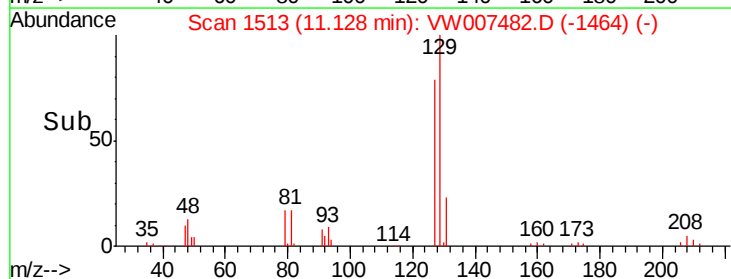
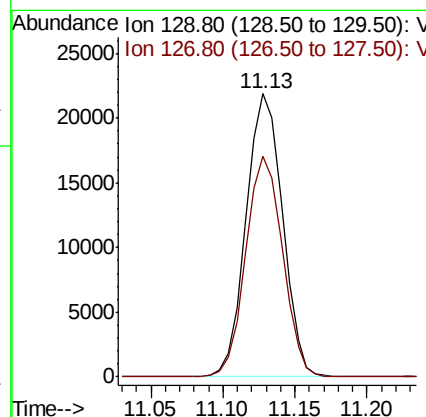
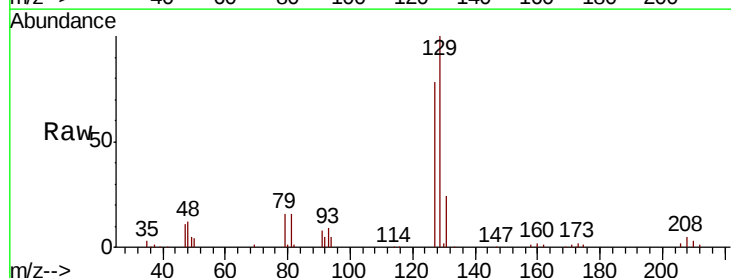
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMS

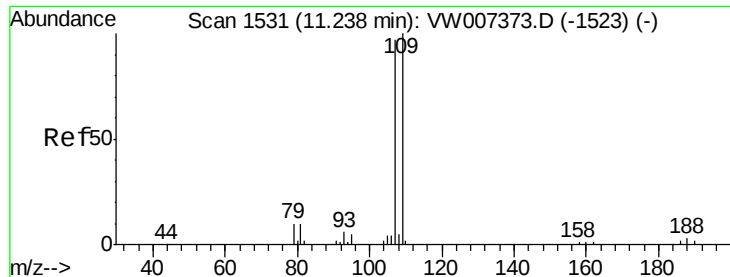
Tot Ion: 43 Resp: 80972
Ion Ratio Lower Upper
43 100
58 54.8 27.1 81.3



#60
Dibromochloromethane
Concen: 53.549 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Tgt Ion: 129 Resp: 38418
Ion Ratio Lower Upper
129 100
127 78.2 38.1 114.3

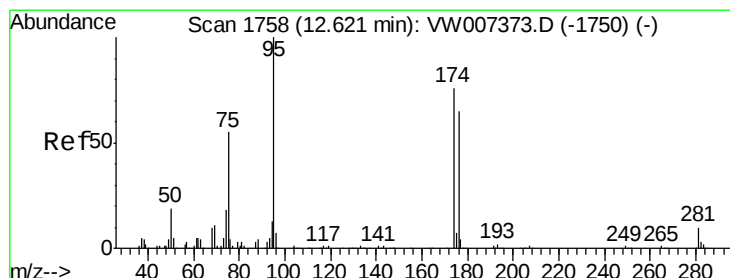
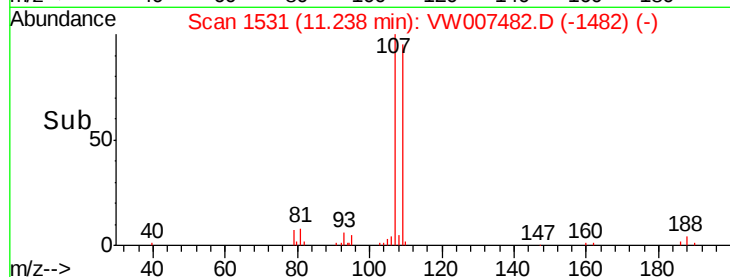
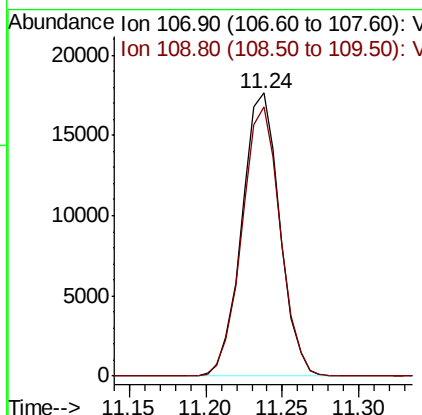
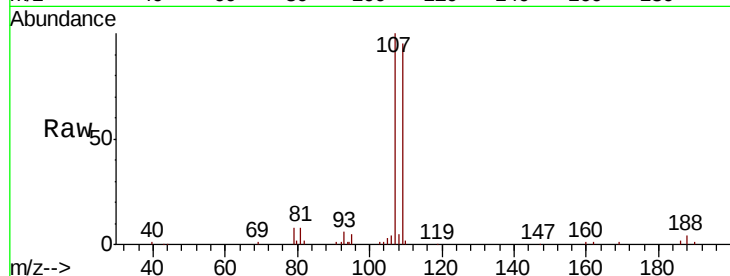




#61
 1,2-Dibromoethane
 Concen: 53.990 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

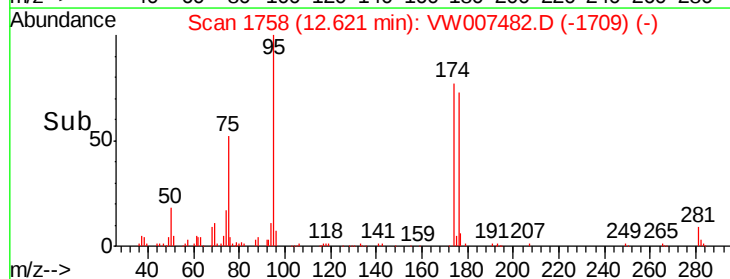
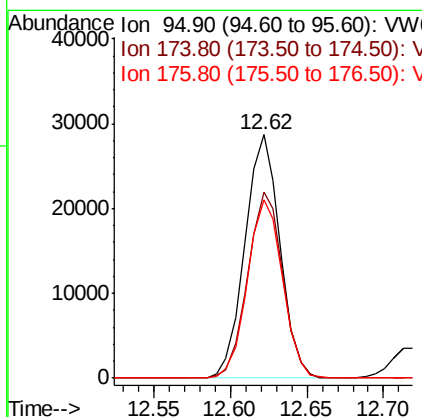
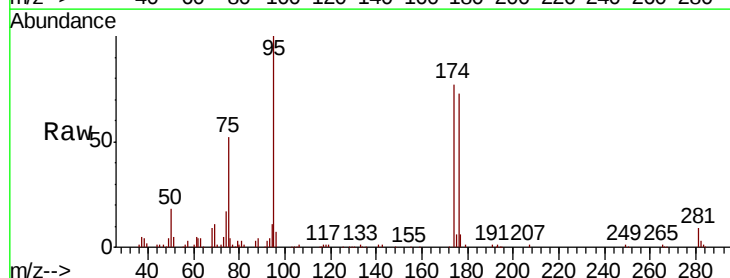
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMS

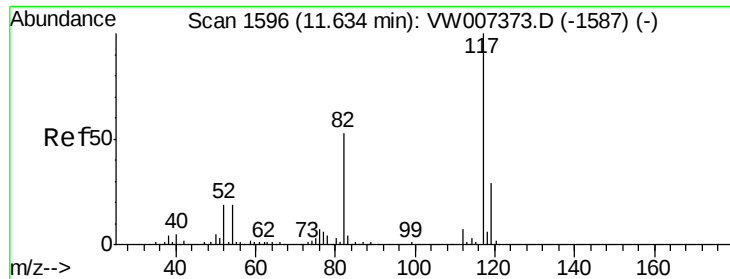
Tot Ion:107 Resp: 30332
 Ion Ratio Lower Upper
 107 100
 109 96.0 79.1 118.7



#62
 4-Bromofluorobenzene
 Concen: 43.562 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Tgt Ion: 95 Resp: 45642
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 147.2
 176 73.2 0.0 138.8

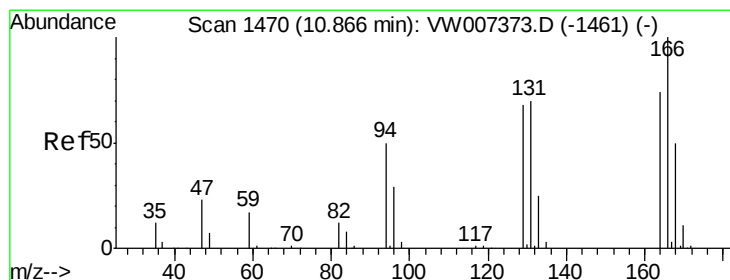
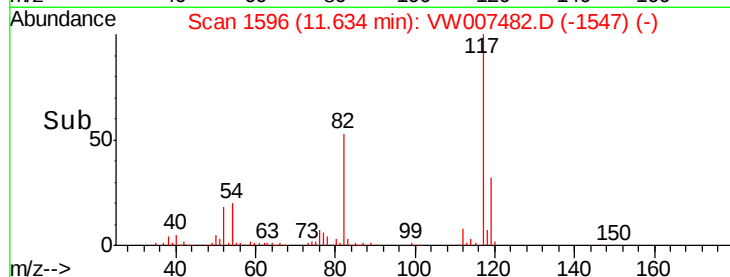
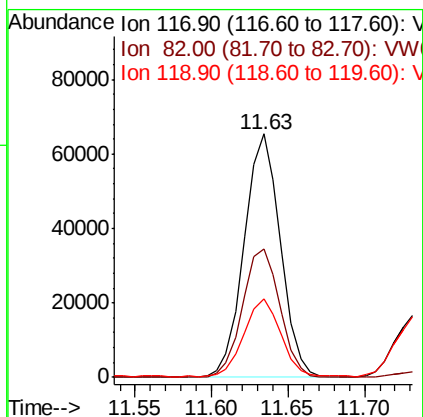
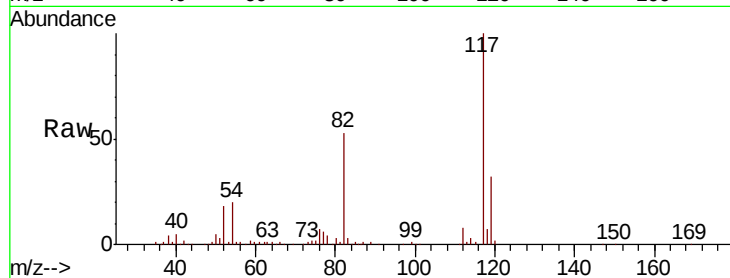




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

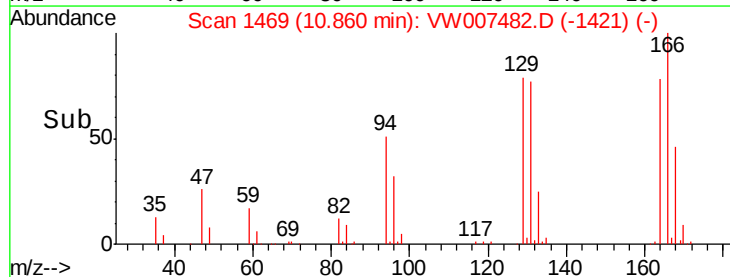
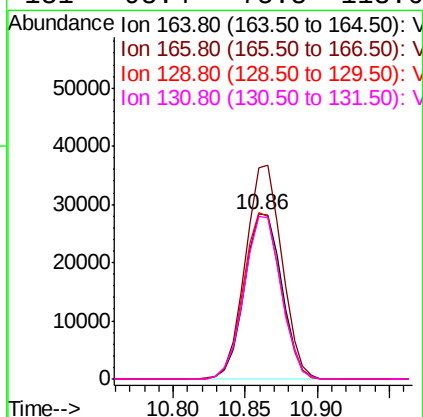
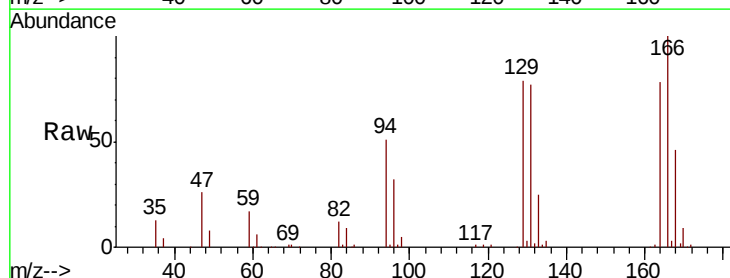
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMS

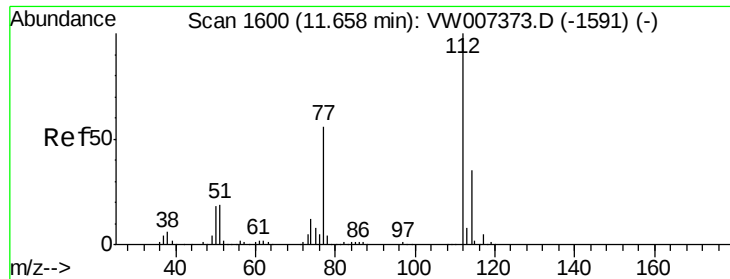
Tot Ion:117 Resp: 107706
Ion Ratio Lower Upper
117 100
82 52.8 42.3 63.5
119 31.5 23.0 34.6



#64
Tetrachloroethene
Concen: 65.269 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Tgt Ion:164 Resp: 50554
Ion Ratio Lower Upper
164 100
166 128.6 107.9 161.9
129 101.2 73.4 110.2
131 98.4 75.8 113.6

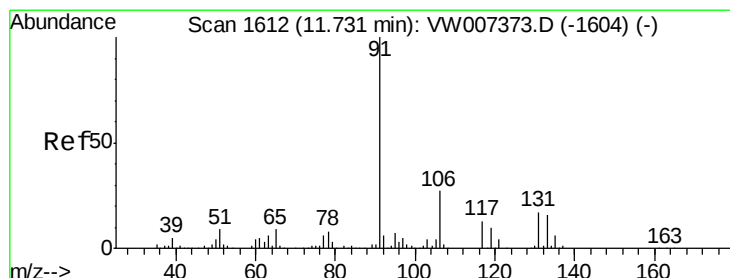
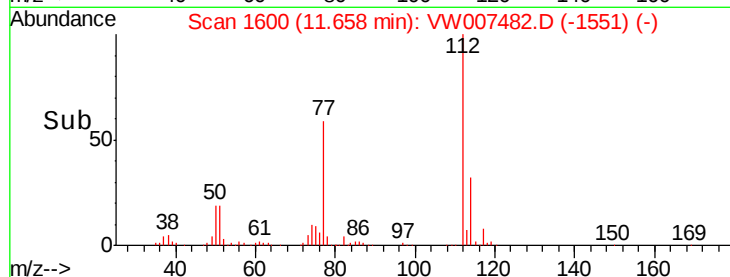
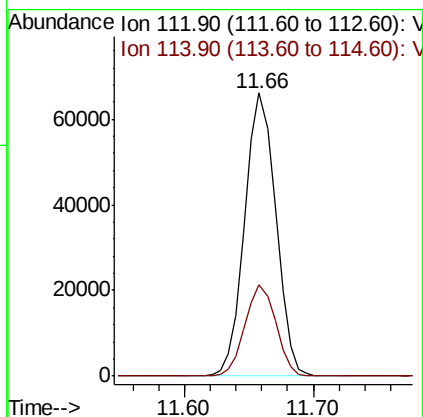
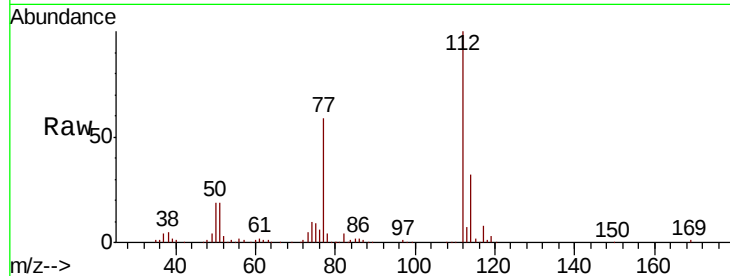




#65
Chlorobenzene
Concen: 49.236 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

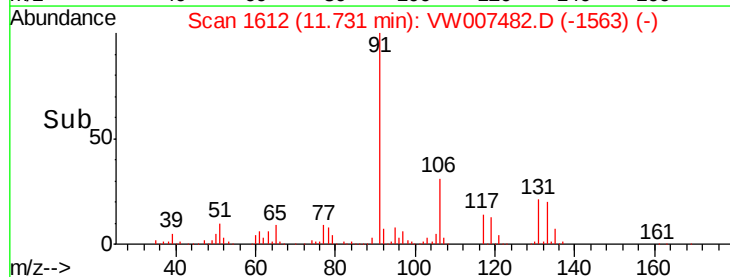
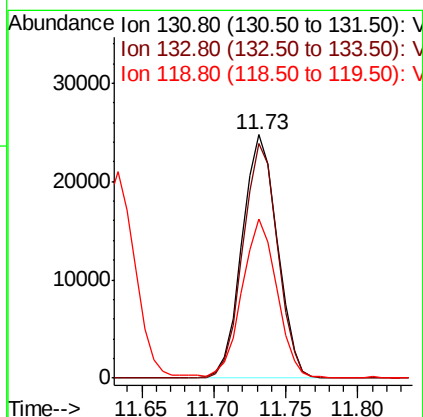
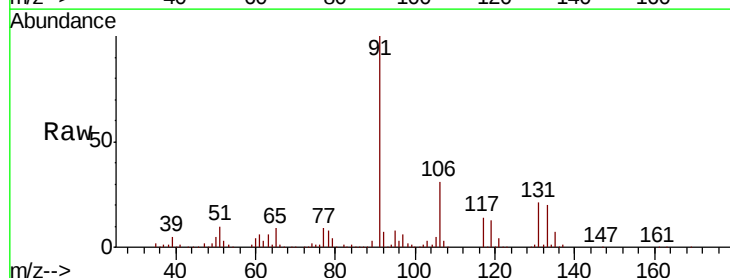
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMS

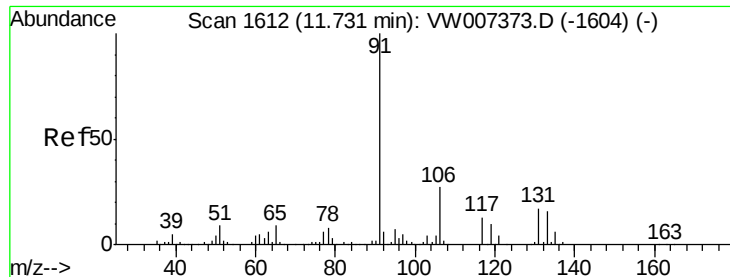
Tot Ion:112 Resp: 110531
Ion Ratio Lower Upper
112 100
114 32.4 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.138 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Tgt Ion:131 Resp: 42014
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 64.7 31.3 93.9

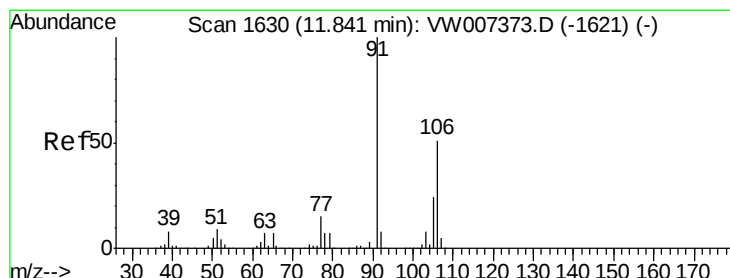
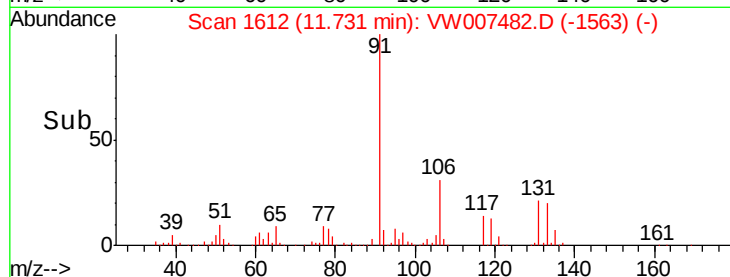
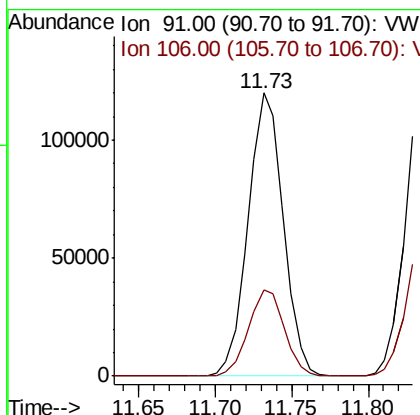
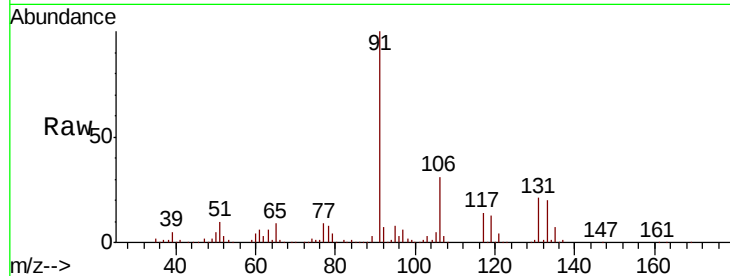




#67
Ethyl Benzene
Concen: 49.655 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

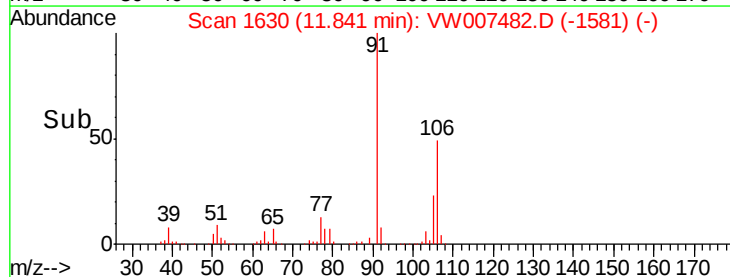
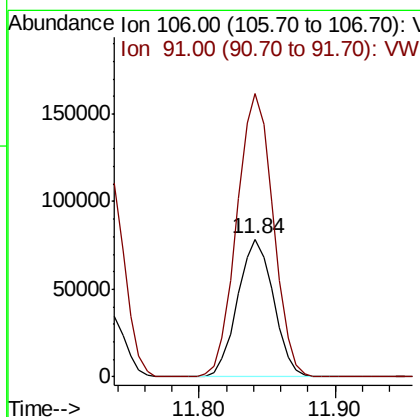
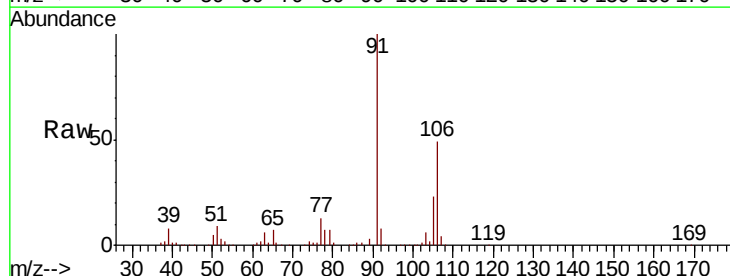
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMS

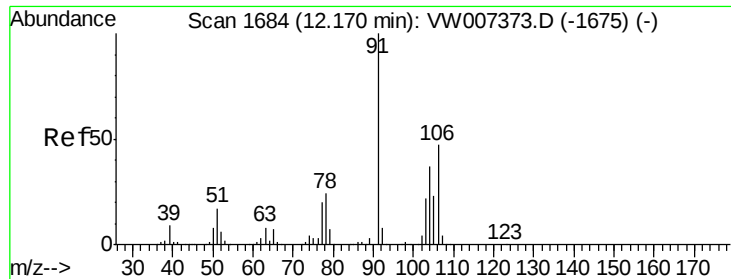
Tot Ion: 91 Resp: 191650
Ion Ratio Lower Upper
91 100
106 30.6 21.8 32.8



#68
m/p-Xylenes
Concen: 96.148 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Tgt Ion: 106 Resp: 144267
Ion Ratio Lower Upper
106 100
91 209.0 165.3 247.9

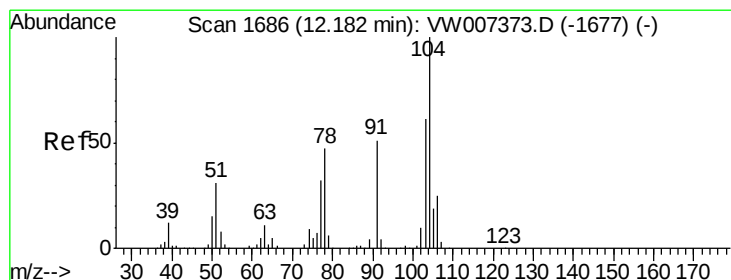
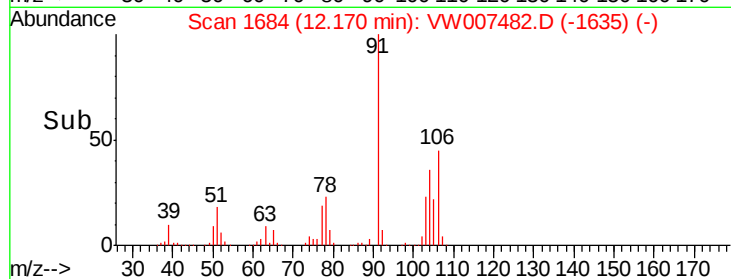
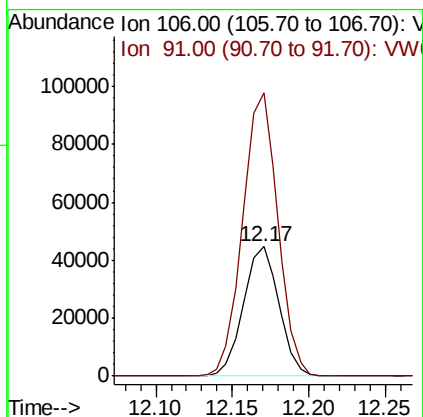
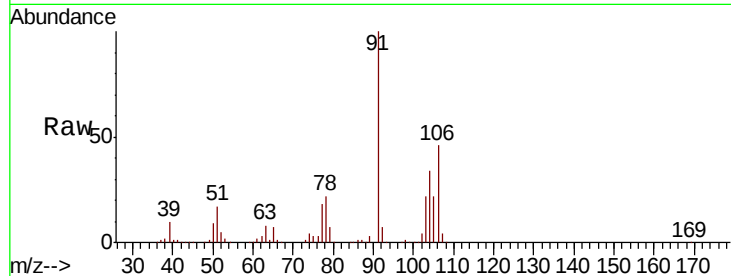




#69
o-Xylene
Concen: 51.299 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

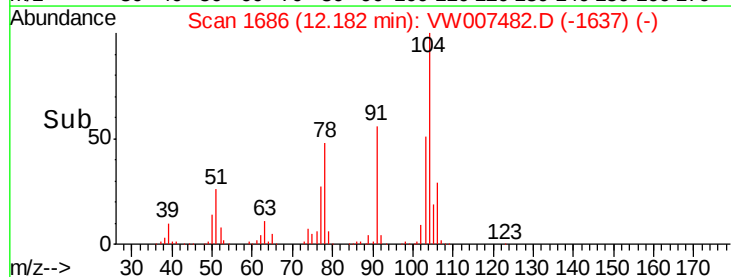
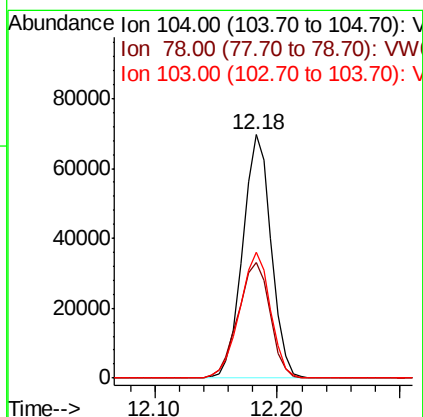
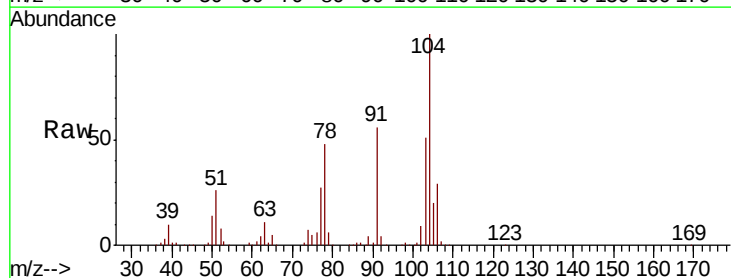
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMS

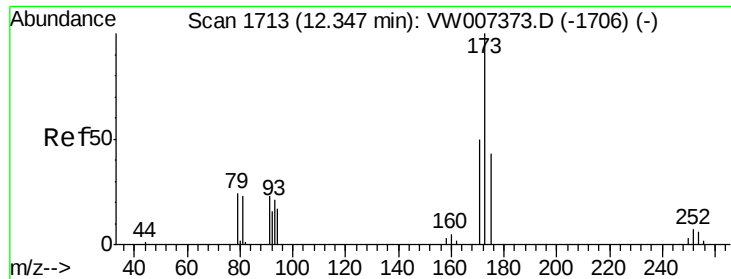
Tot Ion:106 Resp: 71887
Ion Ratio Lower Upper
106 100
91 217.3 106.6 319.8



#70
Styrene
Concen: 49.787 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Tgt Ion:104 Resp: 112690
Ion Ratio Lower Upper
104 100
78 53.2 41.8 62.8
103 55.7 46.6 69.8

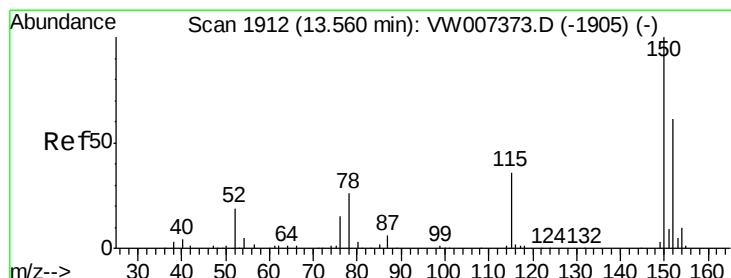
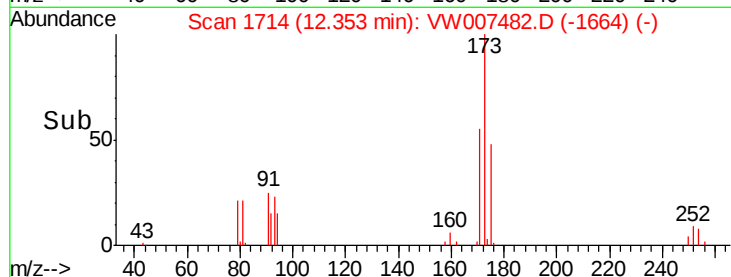
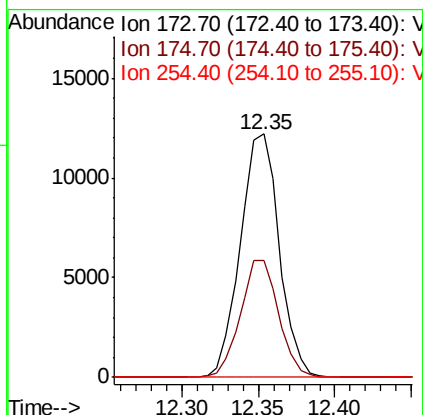
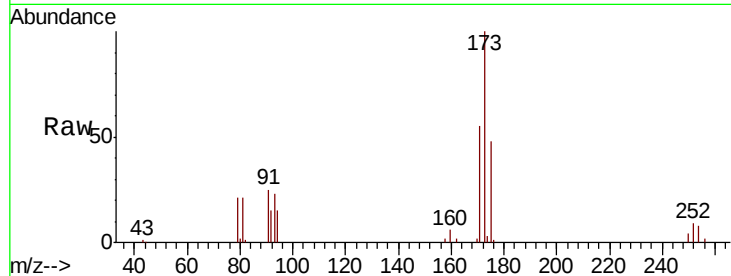




#71
Bromoform
Concen: 53.178 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

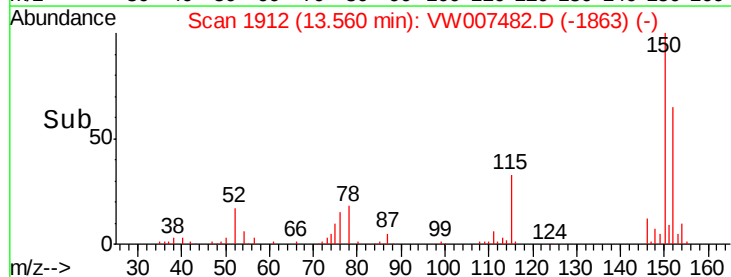
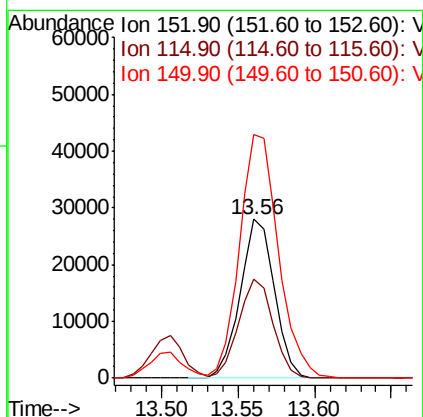
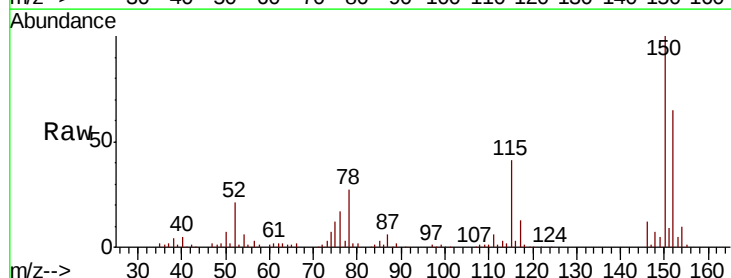
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMS

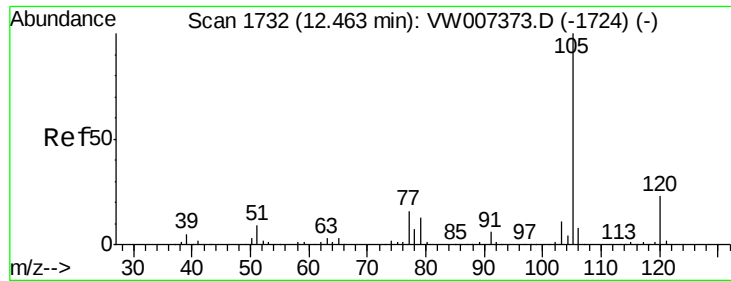
Tot Ion:173 Resp: 21521
Ion Ratio Lower Upper
173 100
175 47.3 23.6 70.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Tgt Ion:152 Resp: 43482
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.2
150 173.3 0.0 358.4





#73

Isopropylbenzene

Concen: 56.084 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

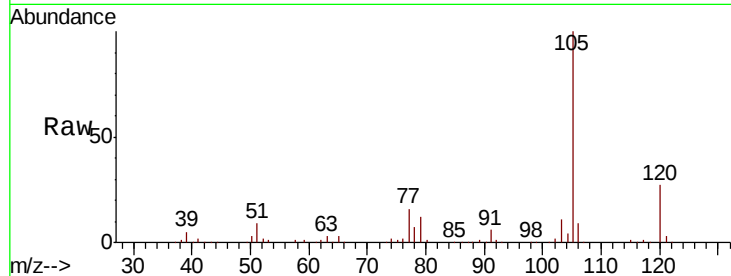
SB-01AMS

Tot Ion:105 Resp: 186857

Ion Ratio Lower Upper

105 100

120 26.5 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

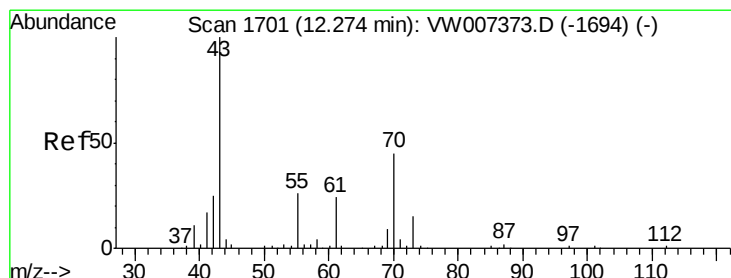
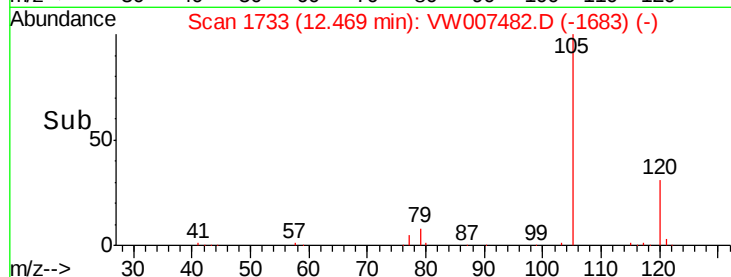
12.47

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 33.705 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Tgt Ion: 43 Resp: 20409

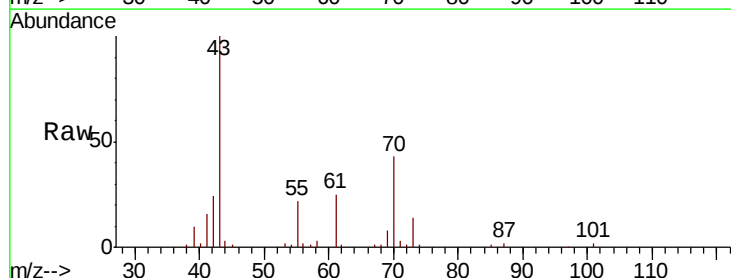
Ion Ratio Lower Upper

43 100

70 44.5 36.5 54.7

55 24.3 20.1 30.1

61 24.6 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

20000

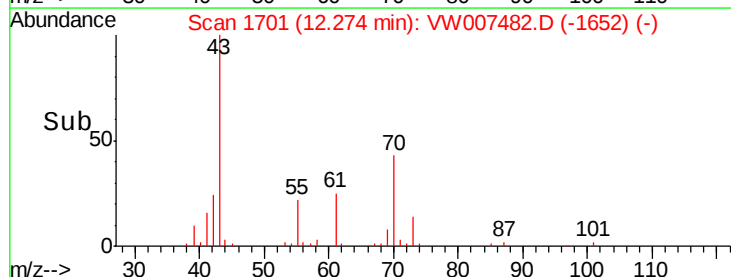
15000

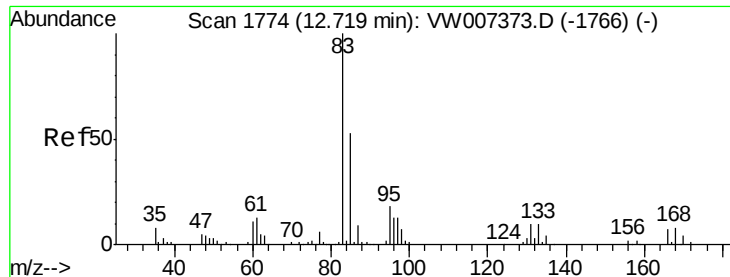
10000

5000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 67.994 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampled :

SB-01AMS

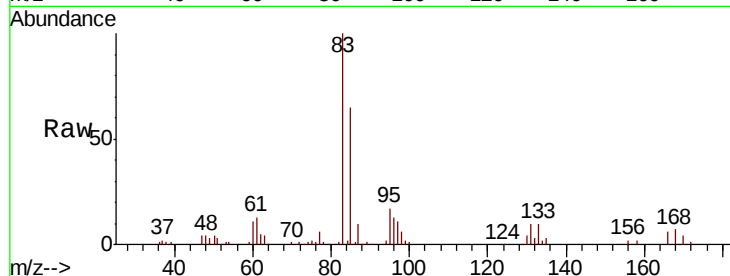
Tot Ion: 83 Resp: 33553

Ion Ratio Lower Upper

83 100

131 11.5 5.9 17.8

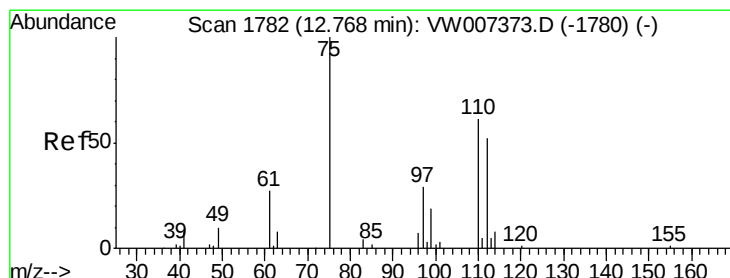
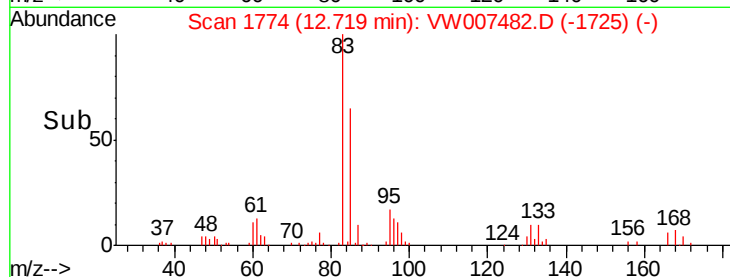
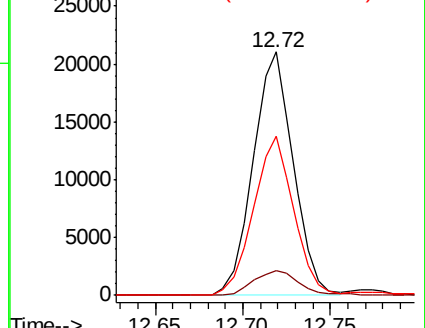
85 65.4 30.0 90.0



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: 123.050 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW007482.D

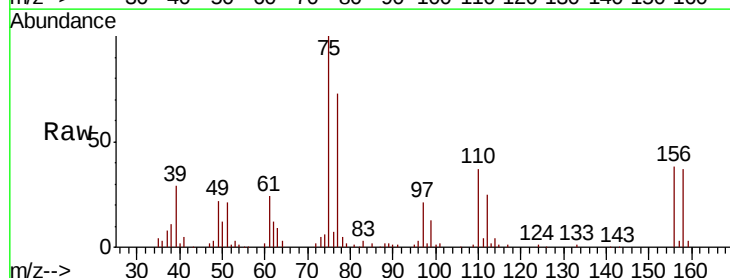
Acq: 13 Dec 2018 12:35

Tgt Ion: 75 Resp: 44116

Ion Ratio Lower Upper

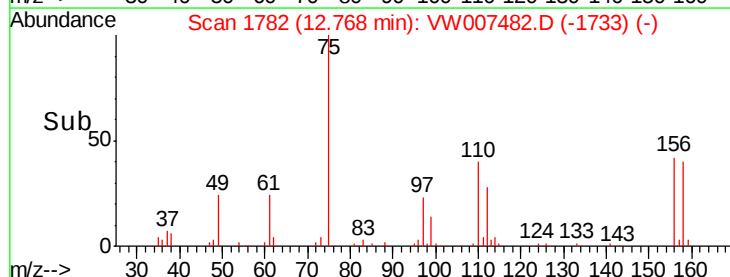
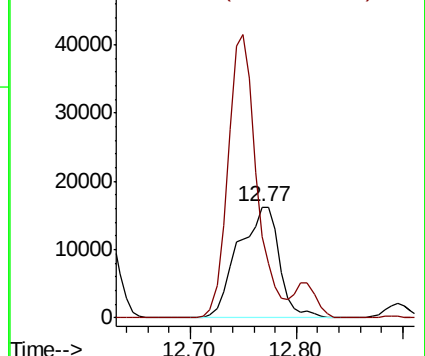
75 100

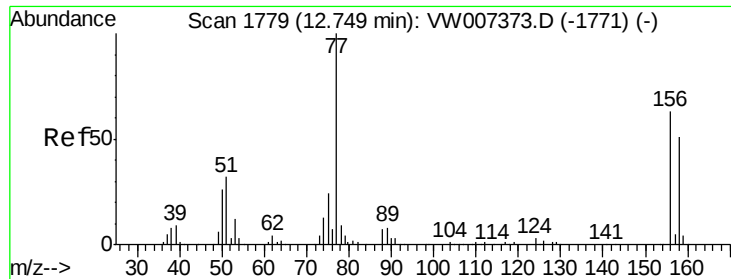
77 178.4 166.9 500.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 57.600 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampled :

SB-01AMS

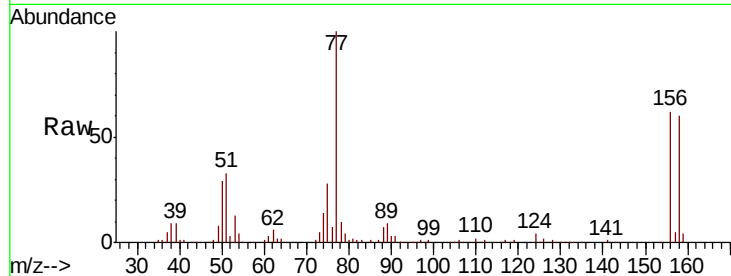
Tot Ion:156 Resp: 42539

Ion Ratio Lower Upper

156 100

77 185.0 88.1 264.4

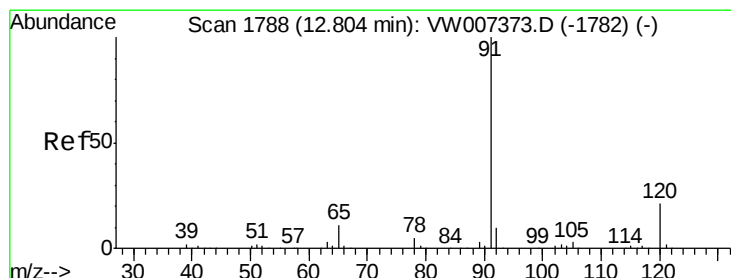
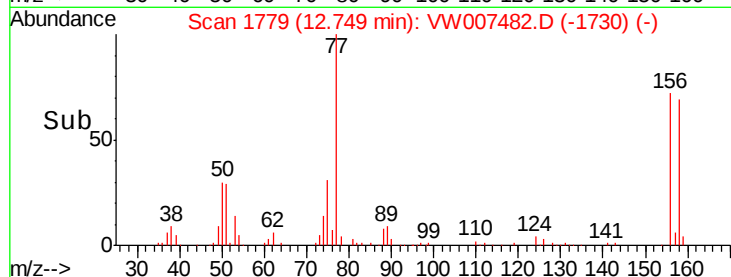
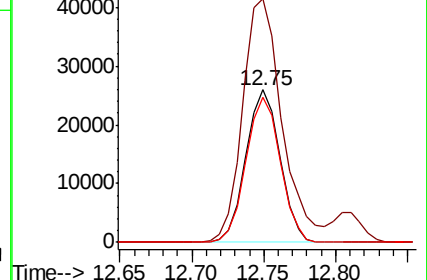
158 95.6 45.6 136.7



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: 53.111 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007482.D

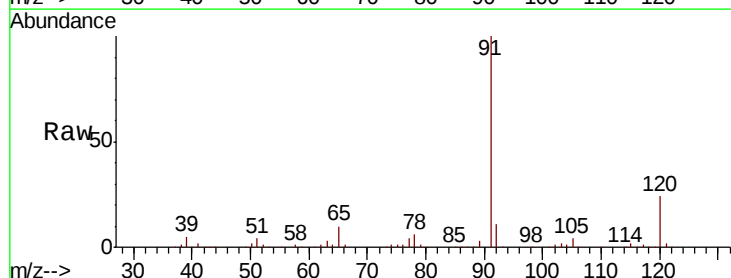
Acq: 13 Dec 2018 12:35

Tgt Ion: 91 Resp: 199143

Ion Ratio Lower Upper

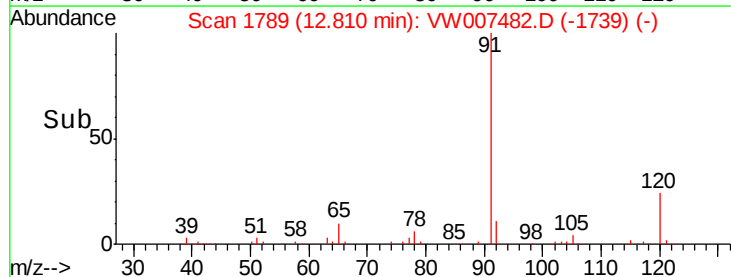
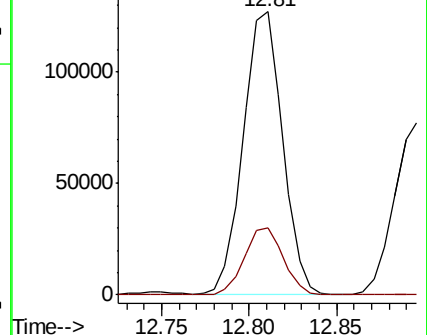
91 100

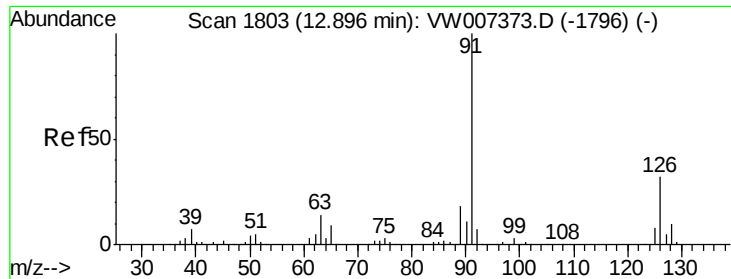
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

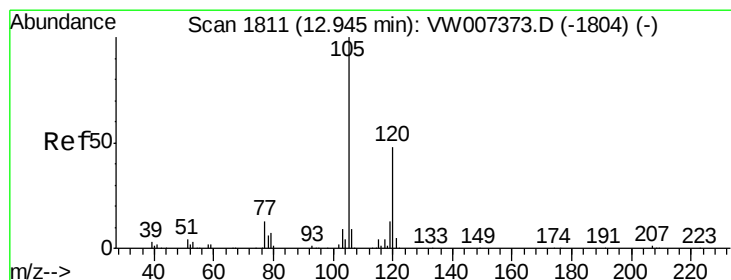
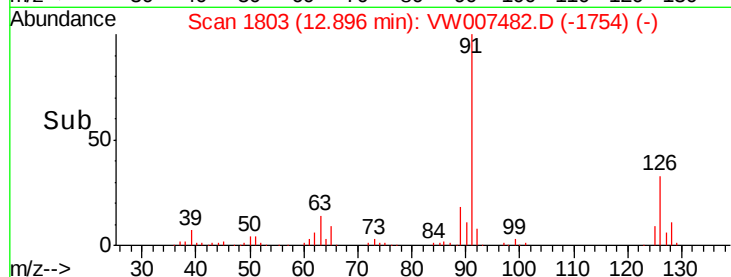
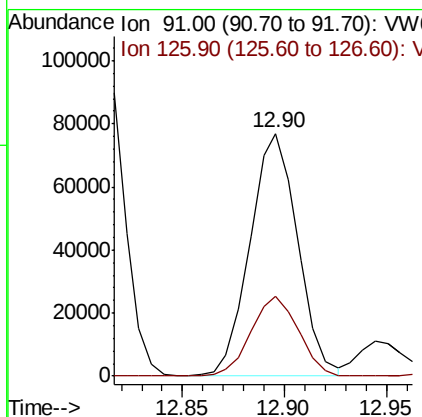
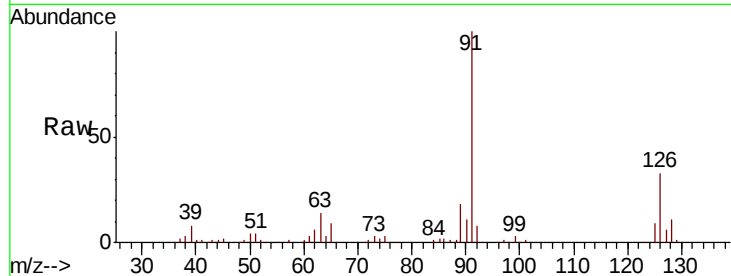




#79
 2-Chlorotoluene
 Concen: 55.214 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

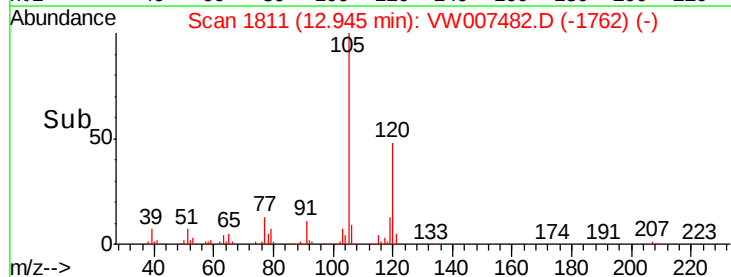
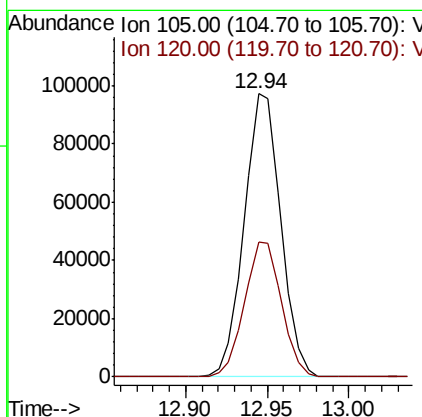
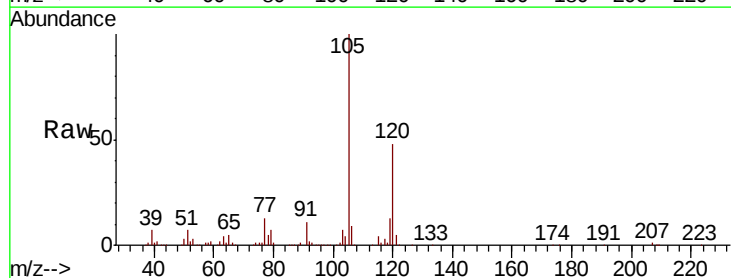
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMS

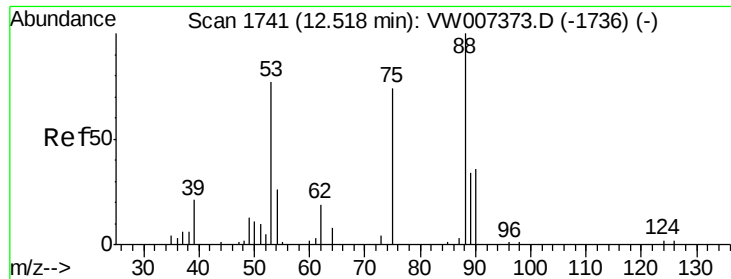
Tot Ion: 91 Resp: 125270
 Ion Ratio Lower Upper
 91 100
 126 32.7 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 54.275 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Tgt Ion:105 Resp: 151942
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 60.425 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

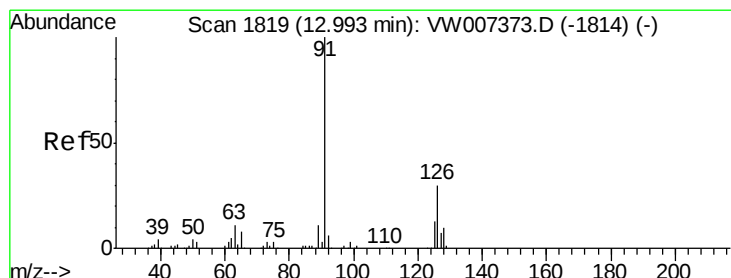
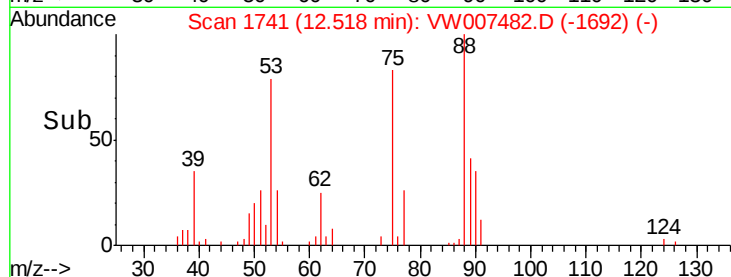
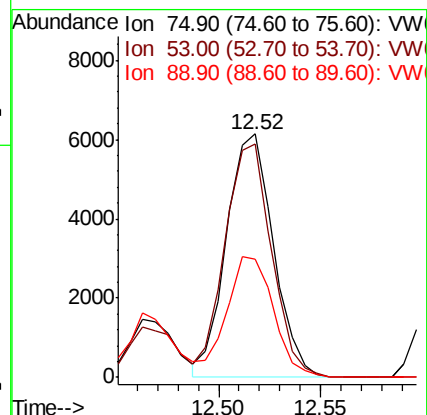
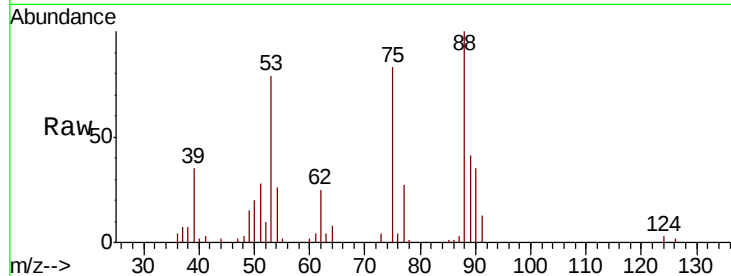
MSVOA_W

ClientSampleId :

SB-01AMS

Tot Ion: 75 Resp: 9807

Ion	Ratio	Lower	Upper
75	100		
53	95.5	84.9	127.3
89	49.7	40.3	60.5



#82

4-Chlorotoluene

Concen: 50.395 ug/l

RT: 12.99 min Scan# 1819

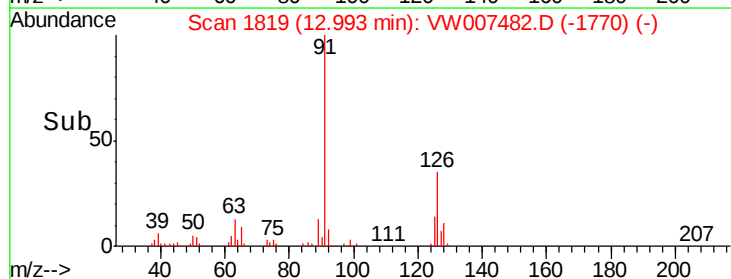
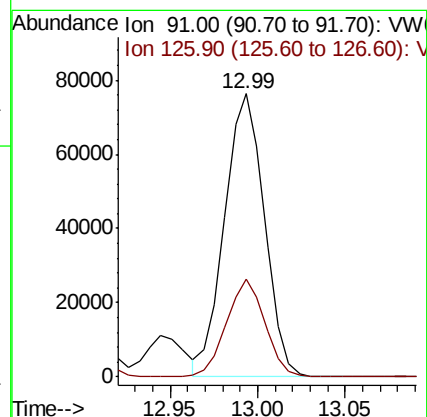
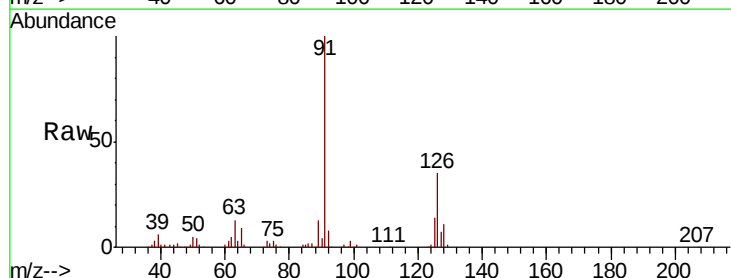
Delta R.T. 0.00 min

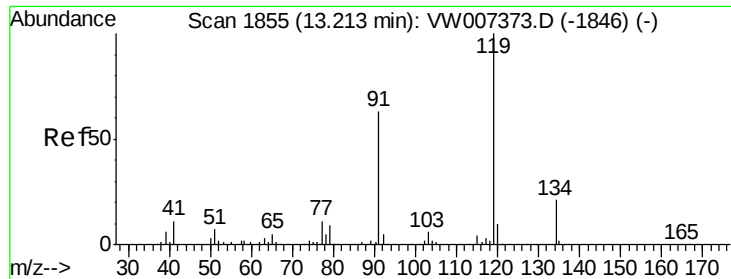
Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Tgt Ion: 91 Resp: 120522

Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.0	48.0





#83

tert-Butylbenzene

Concen: 52.246 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMS

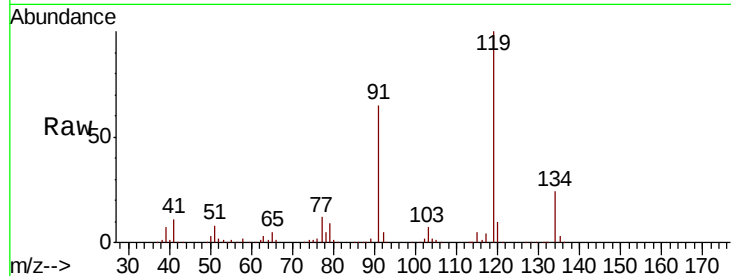
Tot Ion:119 Resp: 128877

Ion Ratio Lower Upper

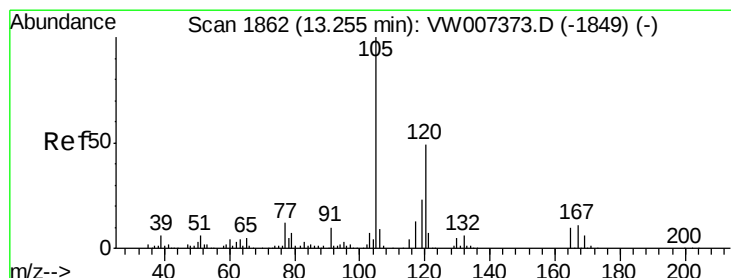
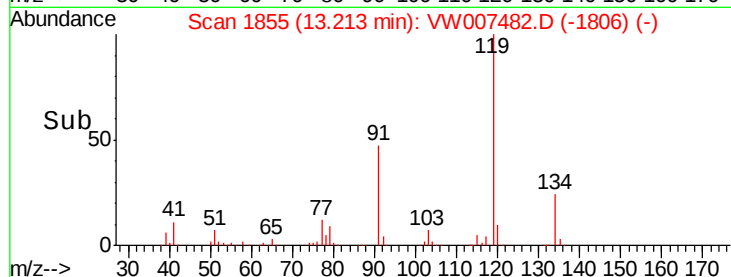
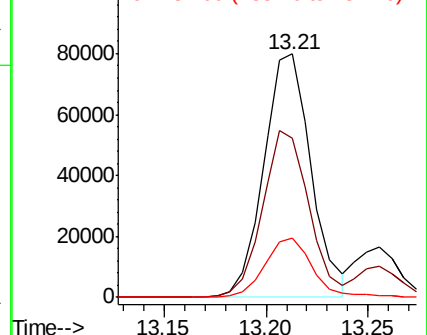
119 100

91 67.4 33.1 99.2

134 24.6 12.5 37.5



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.136 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW007482.D

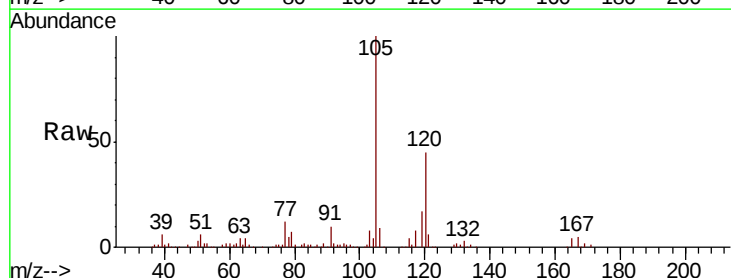
Acq: 13 Dec 2018 12:35

Tgt Ion:105 Resp: 153077

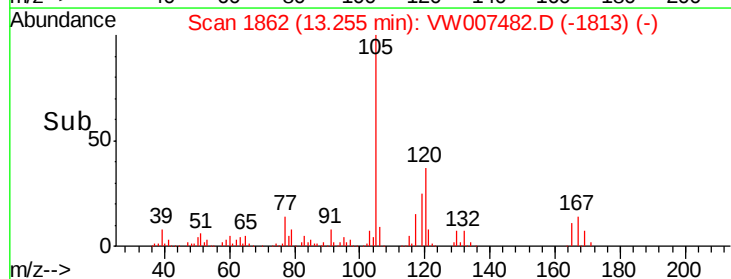
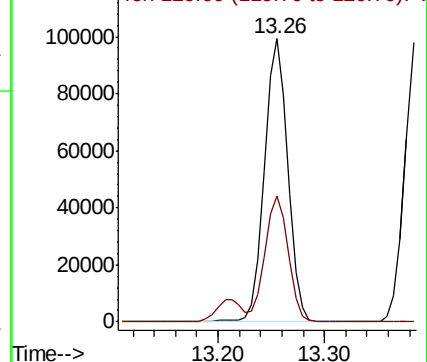
Ion Ratio Lower Upper

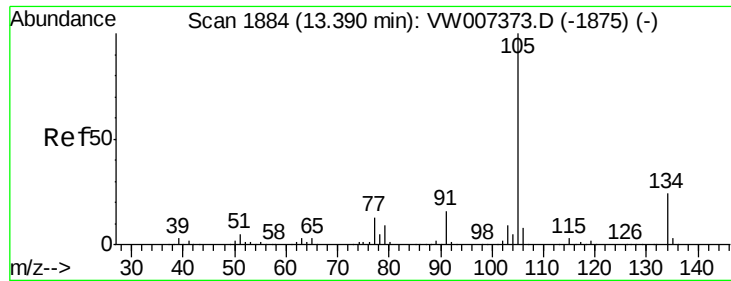
105 100

120 44.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

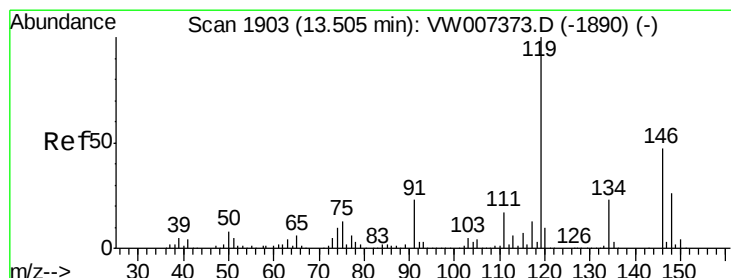
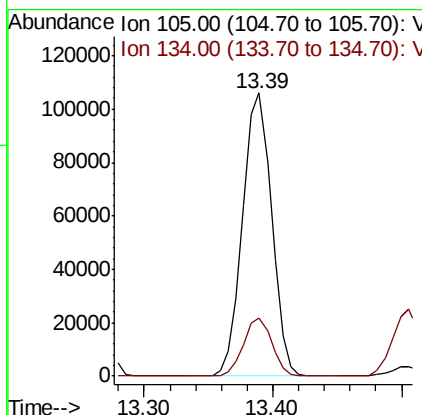
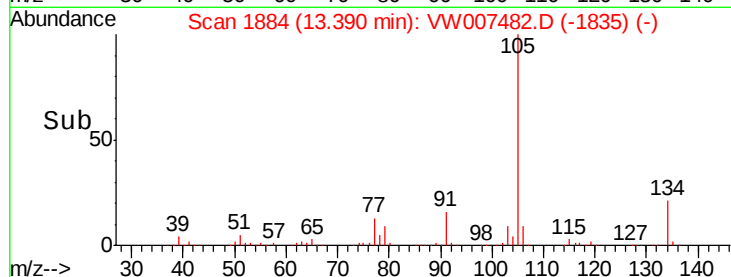
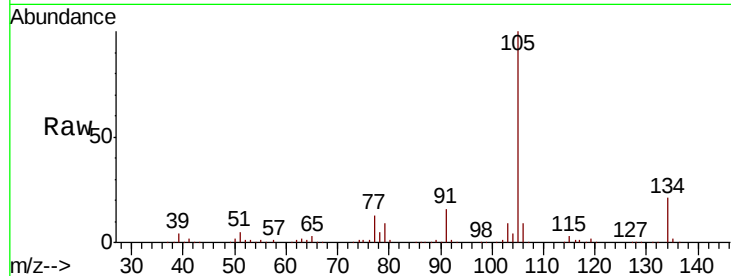




#85
 sec-Butylbenzene
 Concen: 49.032 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

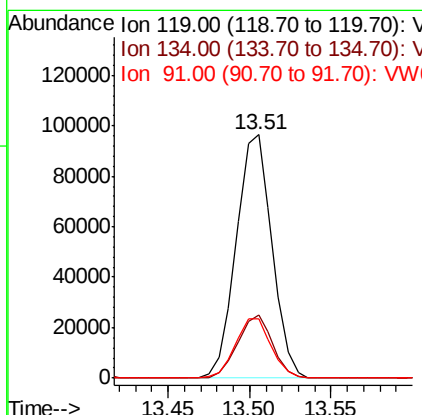
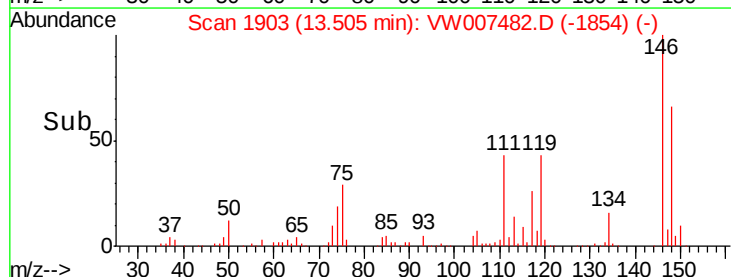
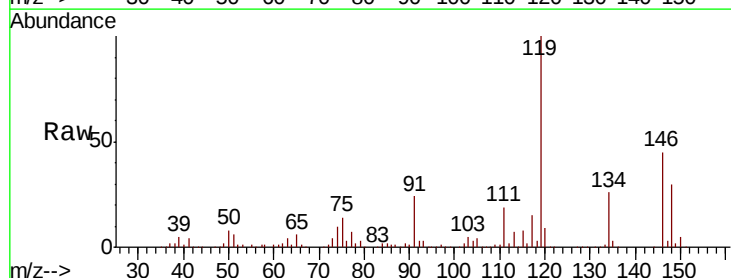
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMS

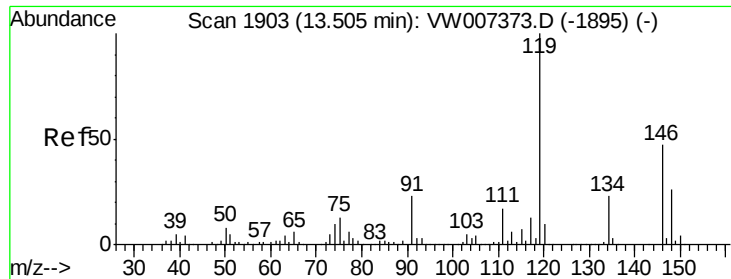
Tot Ion:105 Resp: 165111
 Ion Ratio Lower Upper
 105 100
 134 20.1 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 48.631 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Tgt Ion:119 Resp: 147117
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.7
 91 24.6 11.9 35.9

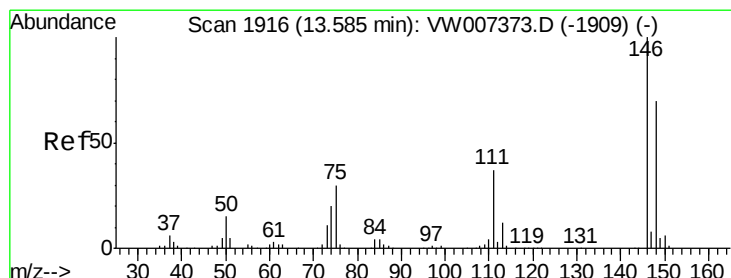
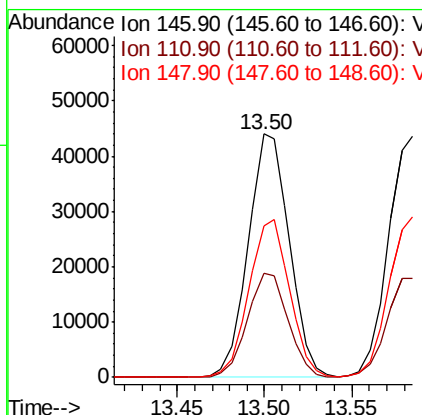
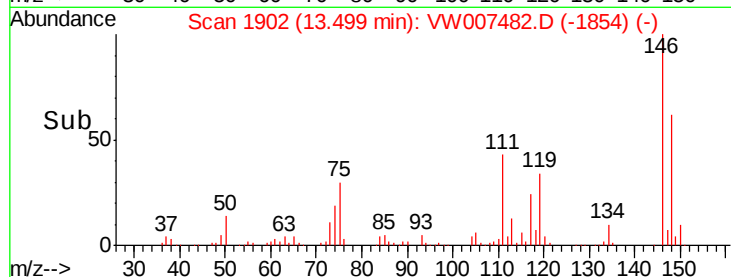
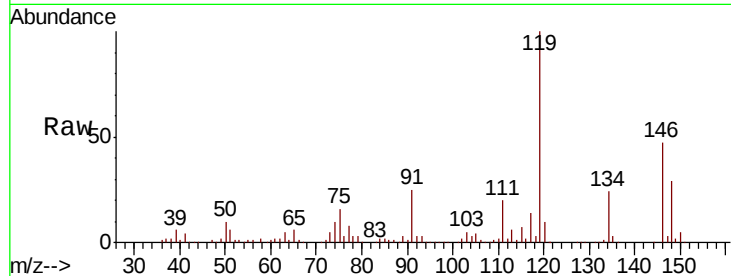




#87
 1,3-Dichlorobenzene
 Concen: 48.687 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

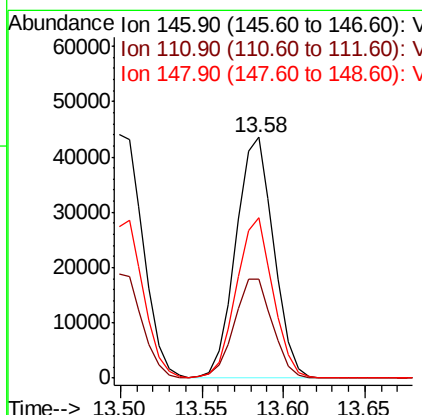
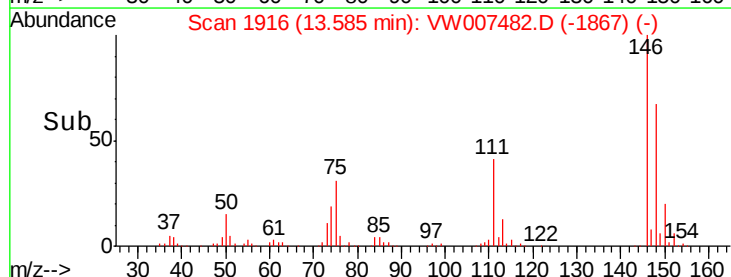
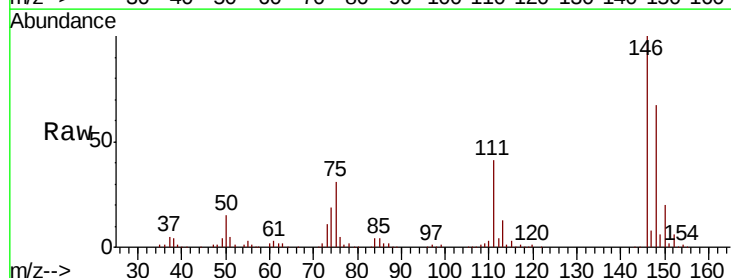
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMS

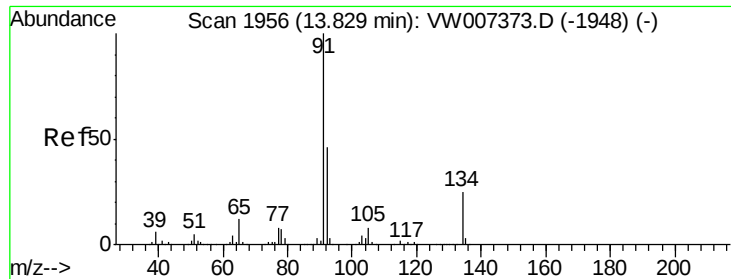
Tot Ion:146 Resp: 71690
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.1 60.3
 148 64.4 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 47.398 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Tgt Ion:146 Resp: 70164
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.3 61.0
 148 64.7 33.5 100.5





#89

n-Butylbenzene

Concen: 39.921 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMS

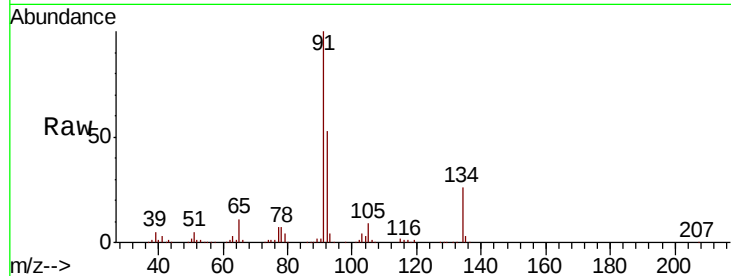
Tot Ion: 91 Resp: 111957

Ion Ratio Lower Upper

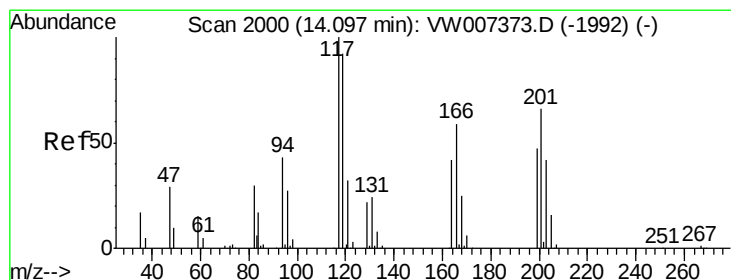
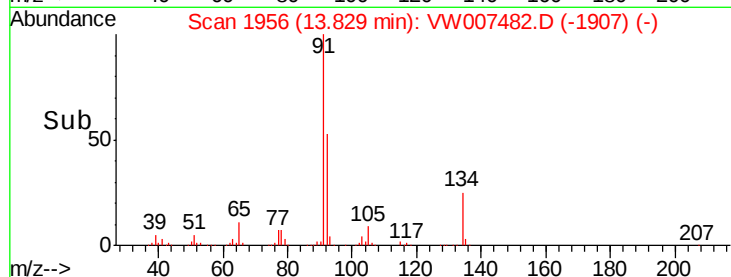
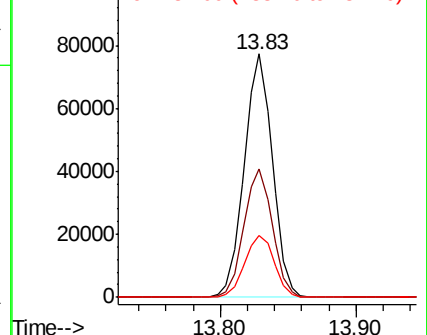
91 100

92 53.2 25.7 77.1

134 26.8 13.4 40.2



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: 48.108 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW007482.D

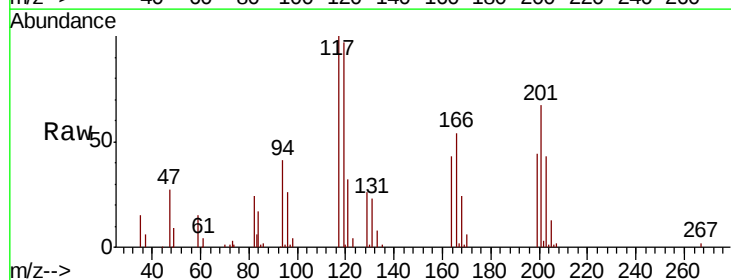
Acq: 13 Dec 2018 12:35

Tgt Ion: 117 Resp: 25895

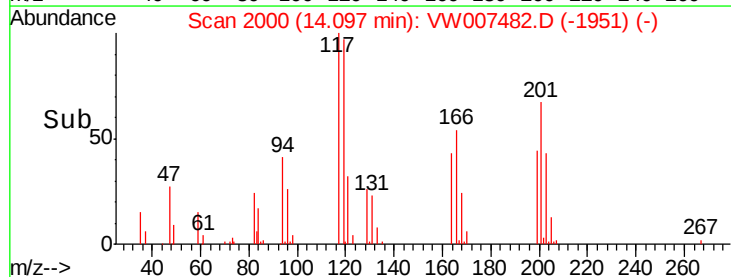
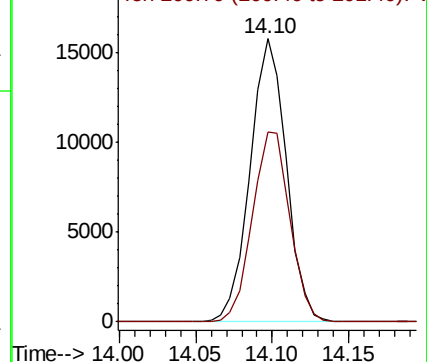
Ion Ratio Lower Upper

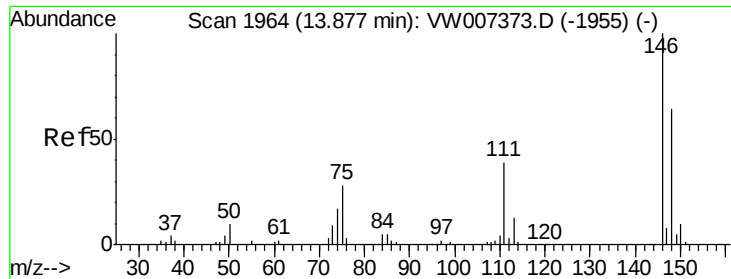
117 100

201 69.4 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 52.907 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMS

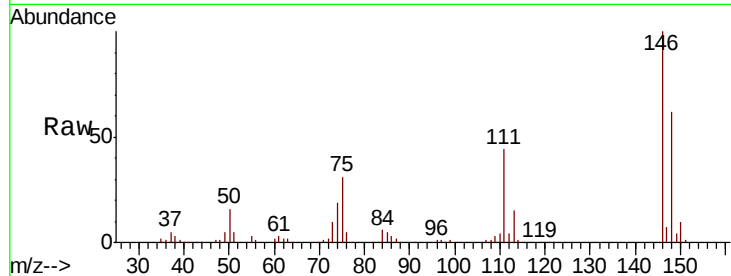
Tot Ion:146 Resp: 69775

Ion Ratio Lower Upper

146 100

111 43.6 22.4 67.2

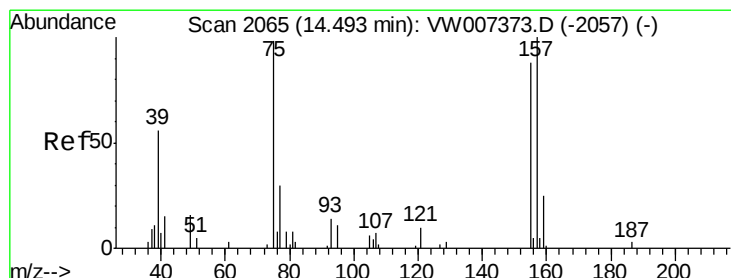
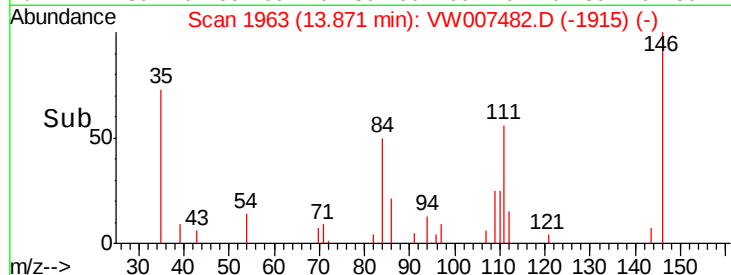
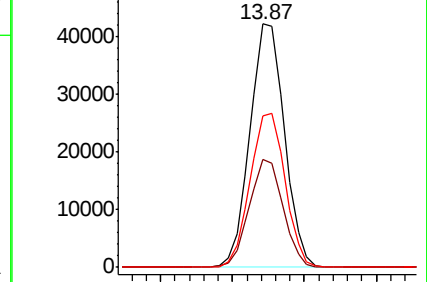
148 63.8 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 64.294 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW007482.D

Acq: 13 Dec 2018 12:35

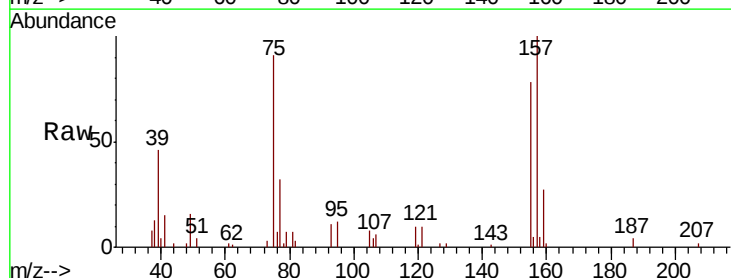
Tgt Ion: 75 Resp: 6367

Ion Ratio Lower Upper

75 100

155 86.0 40.8 122.2

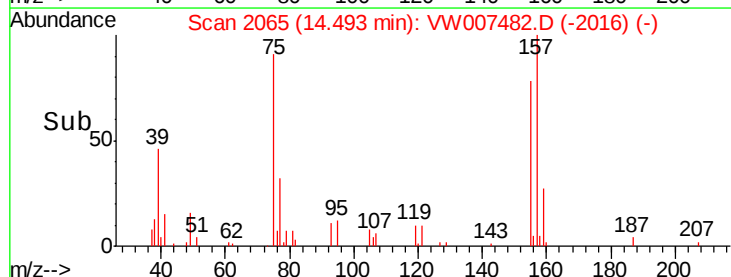
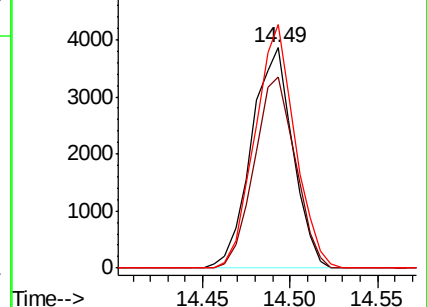
157 106.7 51.1 153.4

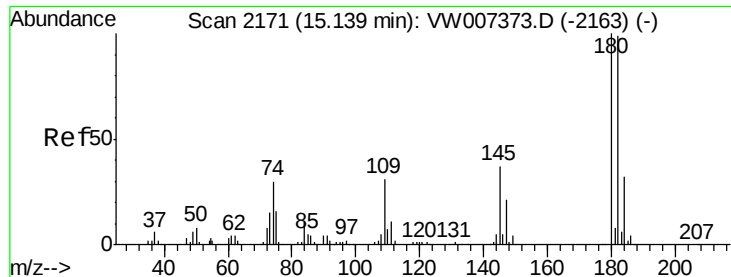


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

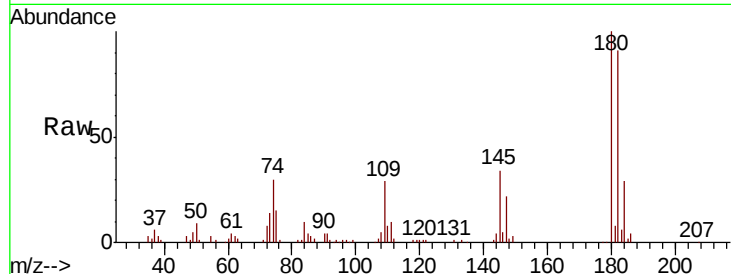




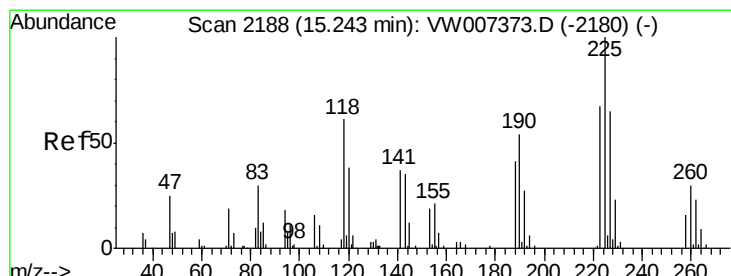
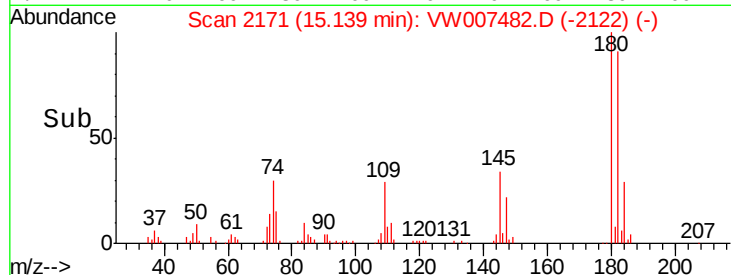
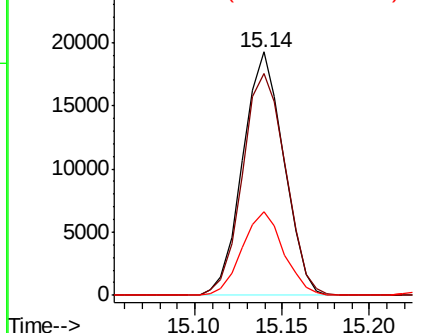
#93
 1,2,4-Trichlorobenzene
 Concen: 34.632 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMS

Tot Ion:180 Resp: 31432
 Ion Ratio Lower Upper
 180 100
 182 95.3 49.9 149.6
 145 34.6 17.8 53.4

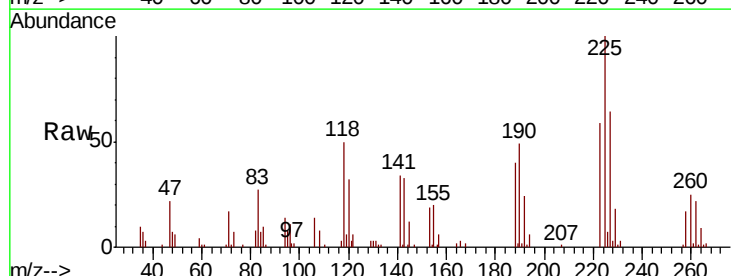


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

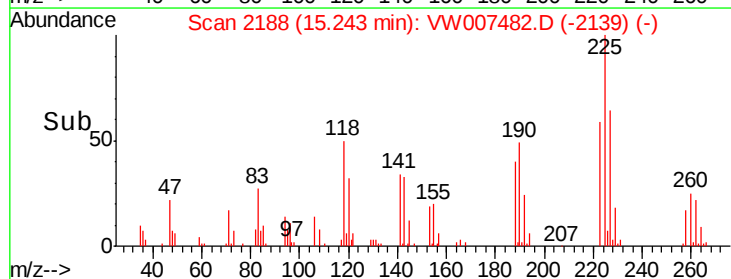
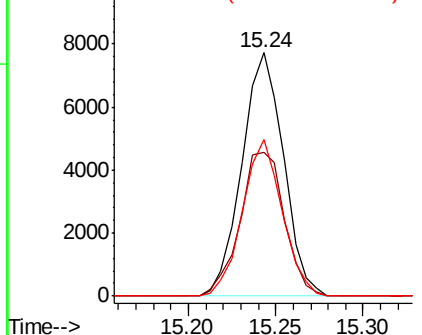


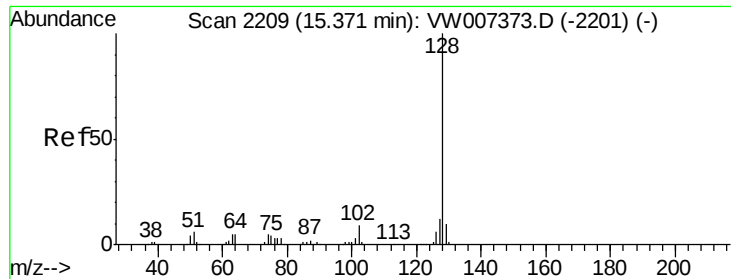
#94
 Hexachlorobutadiene
 Concen: 26.541 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007482.D
 Acq: 13 Dec 2018 12:35

Tgt Ion:225 Resp: 12781
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.1 96.3
 227 61.3 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

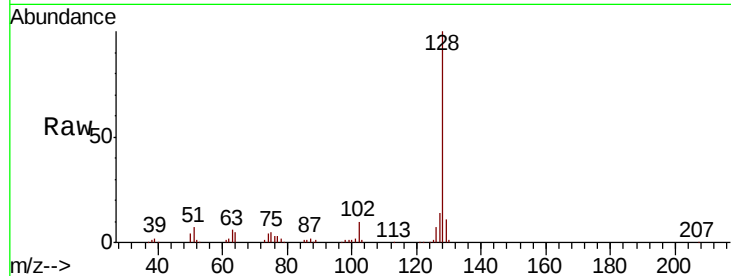




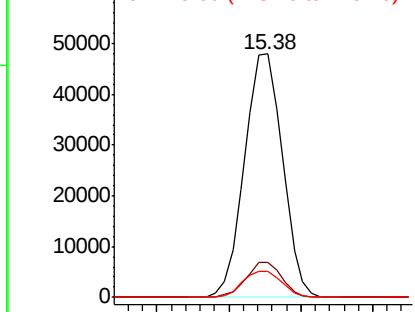
#95
Naphthalene
Concen: 50.632 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMS

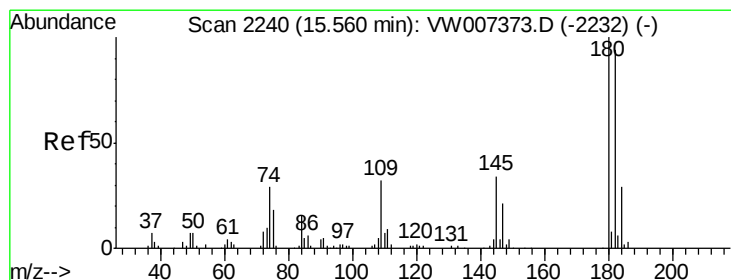
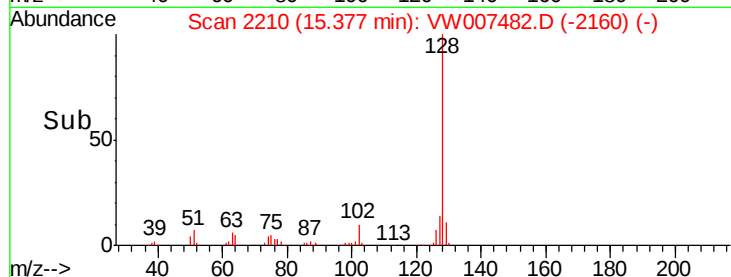
Tot Ion:128 Resp: 87911
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 10.8 8.3 12.5



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

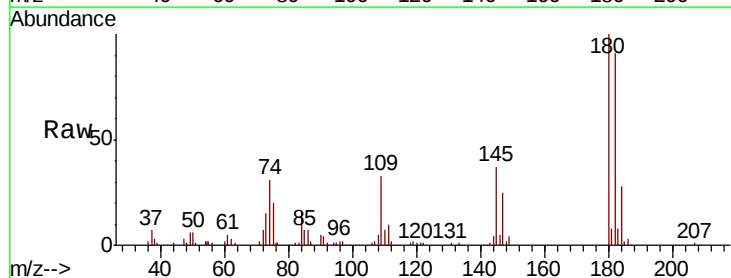


Time-->

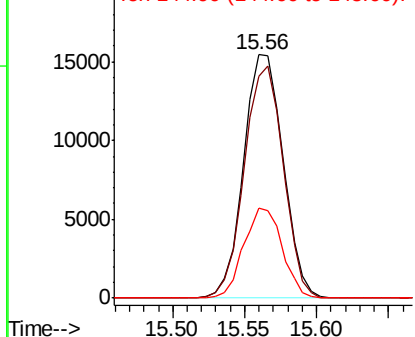


#96
1,2,3-Trichlorobenzene
Concen: 37.206 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW007482.D
Acq: 13 Dec 2018 12:35

Tgt Ion:180 Resp: 29334
Ion Ratio Lower Upper
180 100
182 93.8 45.6 136.7
145 35.9 17.5 52.5



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



Time-->

