

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007483.D
 Acq On : 13 Dec 2018 13:00
 Operator : SY/AP
 Sample : J6357-03MSD
 Misc : 4.55G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Quant Time: Dec 13 15:22:45 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	74352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	110466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50932	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	44061	53.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.84%	
35) Dibromofluoromethane	7.88	113	41715	54.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.84%	
50) Toluene-d8	10.32	98	155830	54.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.42%	
62) 4-Bromofluorobenzene	12.62	95	57037	54.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	26013	50.066	ug/l	98
3) Chloromethane	2.21	50	20828	47.864	ug/l	98
4) Vinyl Chloride	2.37	62	26228	51.361	ug/l	95
5) Bromomethane	2.78	94	18347	53.474	ug/l	99
6) Chloroethane	2.93	64	15077	53.636	ug/l	93
7) Trichlorofluoromethane	3.26	101	21133	46.031	ug/l	94
8) Diethyl Ether	3.68	74	17028	47.388	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39440	52.063	ug/l	99
10) Methyl Iodide	4.26	142	66775	53.222	ug/l	99
11) Tert butyl alcohol	5.18	59	13983	246.825	ug/l	97
12) 1,1-Dichloroethene	4.03	96	38747	53.124	ug/l	95
13) Acrolein	3.89	56	5819	155.232	ug/l	98
14) Allyl chloride	4.67	41	55005	51.162	ug/l	98
15) Acrylonitrile	5.37	53	41709	275.344	ug/l	98
16) Acetone	4.12	43	42859	297.464	ug/l	97
17) Carbon Disulfide	4.37	76	109728	49.617	ug/l	99
18) Methyl Acetate	4.67	43	33046	84.505	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	62069	56.411	ug/l	100
20) Methylene Chloride	4.91	84	42831	54.731	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	42373	51.933	ug/l	97
22) Diisopropyl ether	6.31	45	109593	53.033	ug/l	99
23) Vinyl Acetate	6.26	43	39706	34.352	ug/l	99
24) 1,1-Dichloroethane	6.21	63	74728	53.504	ug/l	99
25) 2-Butanone	7.17	43	54440	289.423	ug/l	97
26) 2,2-Dichloropropane	7.17	77	41437	44.828	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	47687	53.378	ug/l	99
28) Bromochloromethane	7.51	49	25897	49.295	ug/l	99
29) Tetrahydrofuran	7.53	42	33142	278.320	ug/l	97
30) Chloroform	7.67	83	81497	53.619	ug/l	96
31) Cyclohexane	7.95	56	60960	47.572	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	70761	53.089	ug/l	98
36) 1,1-Dichloropropene	8.08	75	59785	52.228	ug/l	99
37) Ethyl Acetate	7.25	43	17797	41.801	ug/l	97
38) Carbon Tetrachloride	8.07	117	66321	53.247	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68720	49.578	ug/l	95
40) Benzene	8.32	78	172165	54.195	ug/l	99
41) Methacrylonitrile	7.49	41	13685	56.445	ug/l	98
42) 1,2-Dichloroethane	8.40	62	54839	54.954	ug/l	100
43) Isopropyl Acetate	8.43	43	41272	49.075	ug/l	98
44) Trichloroethene	9.09	130	49095	54.120	ug/l	98
45) 1,2-Dichloropropane	9.37	63	41688	56.708	ug/l	100
46) Dibromomethane	9.46	93	23570	56.459	ug/l	97
47) Bromodichloromethane	9.65	83	61174	55.865	ug/l	95
48) Methyl methacrylate	9.44	41	27711	64.158	ug/l	98
49) 1,4-Dioxane	9.45	88	7663	1131.275	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	114275	287.578	ug/l	99
52) Toluene	10.39	92	111004	53.995	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	57763	54.335	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	65657	53.425	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	33413	58.807	ug/l	97
56) Ethyl methacrylate	10.65	69	33834	49.542	ug/l	99
57) 1,3-Dichloropropane	10.93	76	55067	59.048	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	86414	274.389	ug/l	99
59) 2-Hexanone	10.97	43	80357	303.272	ug/l	98
60) Dibromochloromethane	11.13	129	42062	58.660	ug/l	99
61) 1,2-Dibromoethane	11.24	107	32445	57.783	ug/l	96
64) Tetrachloroethene	10.86	164	58251	73.328	ug/l	93
65) Chlorobenzene	11.66	112	123860	53.795	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	45467	56.068	ug/l	98
67) Ethyl Benzene	11.73	91	218667	55.239	ug/l	92
68) m/p-Xylenes	11.84	106	168081	109.220	ug/l	99
69) o-Xylene	12.17	106	81409	56.642	ug/l	98
70) Styrene	12.18	104	131748	56.752	ug/l	98
71) Bromoform	12.35	173	23078	55.601	ug/l	# 98
73) Isopropylbenzene	12.47	105	218691	56.037	ug/l	99
74) N-amyl acetate	12.27	43	17626	24.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	35049	60.636	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	47675	113.526	ug/l	# 1
77) Bromobenzene	12.75	156	49479	57.198	ug/l	95
78) n-propylbenzene	12.80	91	247204	56.285	ug/l	99
79) 2-Chlorotoluene	12.90	91	147572	55.530	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	183981	56.106	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10470	55.074	ug/l	94
82) 4-Chlorotoluene	12.99	91	150116	53.588	ug/l	96
83) tert-Butylbenzene	13.21	119	155942	53.971	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	187026	55.425	ug/l	100
85) sec-Butylbenzene	13.39	105	208958	52.976	ug/l	95
86) p-Isopropyltoluene	13.50	119	188953	53.324	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	92060	53.376	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	91832	52.962	ug/l	97
89) n-Butylbenzene	13.83	91	156585	47.667	ug/l	98
90) Hexachloroethane	14.10	117	33001	52.341	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	85474	55.331	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6595	56.855	ug/l	97

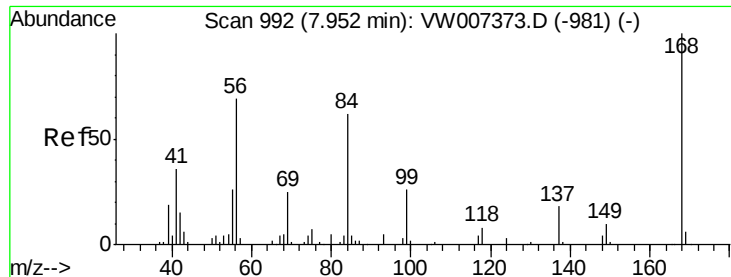
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	45943	43.216	ug/l	96
94) Hexachlorobutadiene	15.24	225	18678	33.113	ug/l	99
95) Naphthalene	15.37	128	111548	54.848	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	41166	44.576	ug/l	95

(#) = 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: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

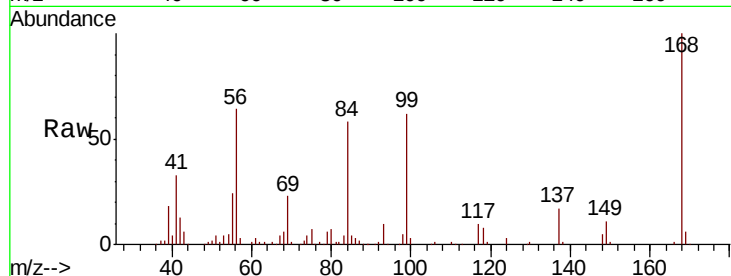
SB-01AMSD

Tot Ion:168 Resp: 74352

Ion Ratio Lower Upper

168 100

99 61.6 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

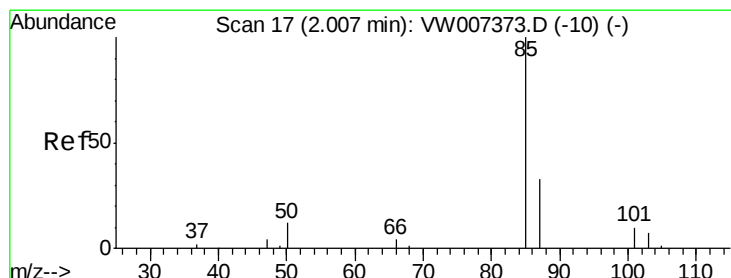
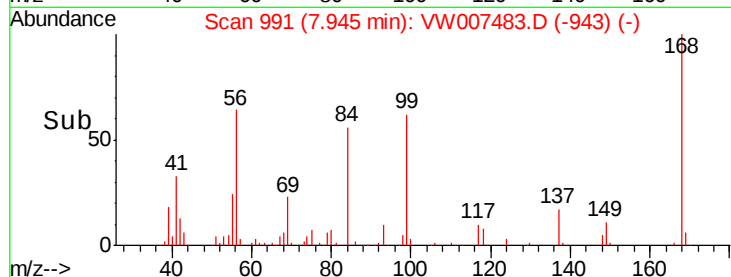
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 50.066 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007483.D

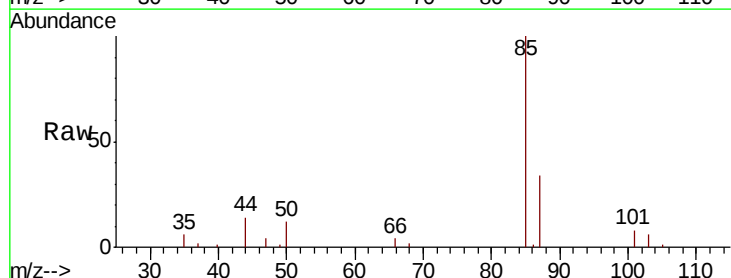
Acq: 13 Dec 2018 13:00

Tgt Ion: 85 Resp: 26013

Ion Ratio Lower Upper

85 100

87 34.0 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

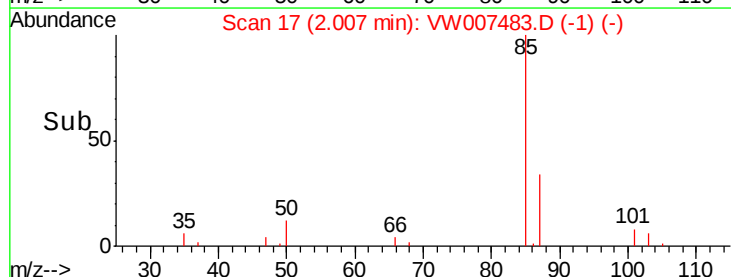
4000

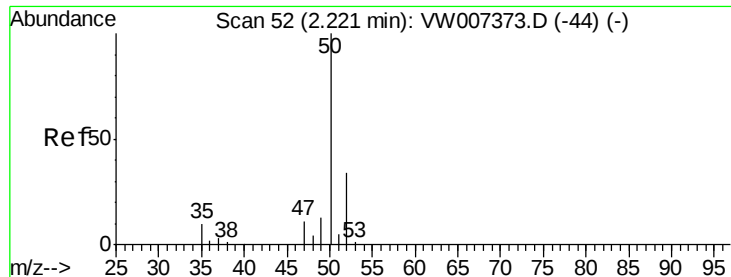
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 47.864 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

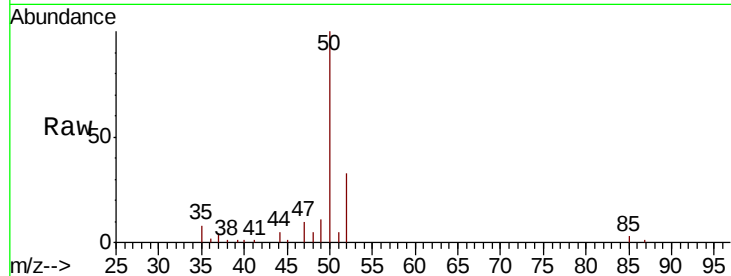
SB-01AMSD

Tot Ion: 50 Resp: 20828

Ion Ratio Lower Upper

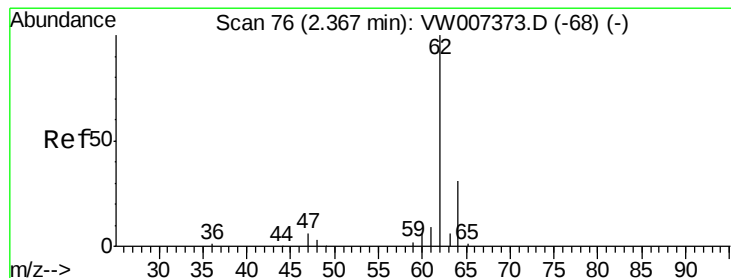
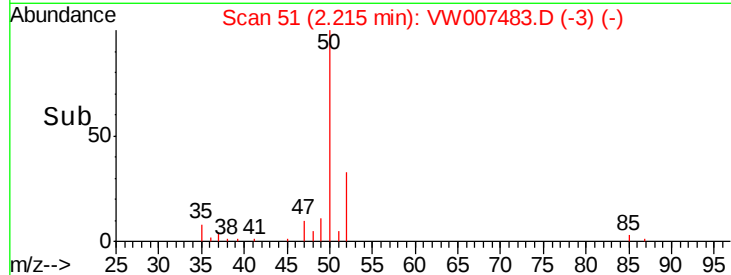
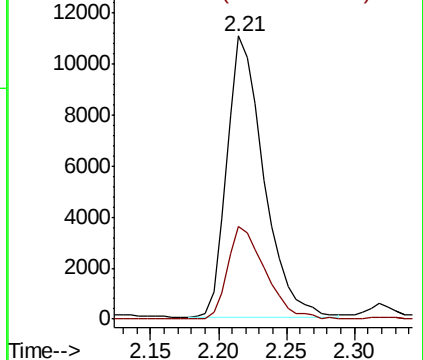
50 100

52 32.9 27.4 41.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 51.361 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007483.D

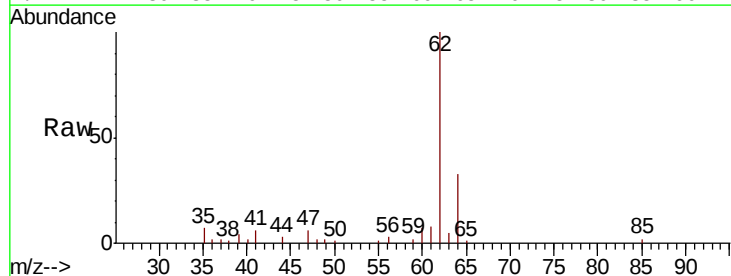
Acq: 13 Dec 2018 13:00

Tgt Ion: 62 Resp: 26228

Ion Ratio Lower Upper

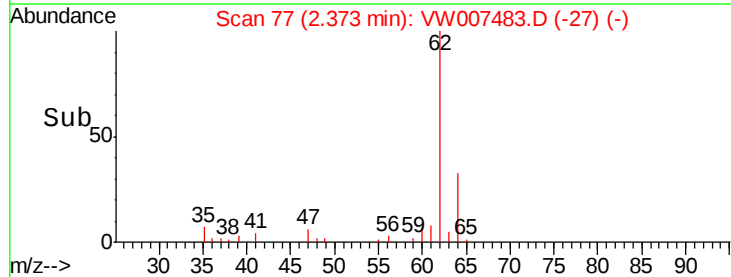
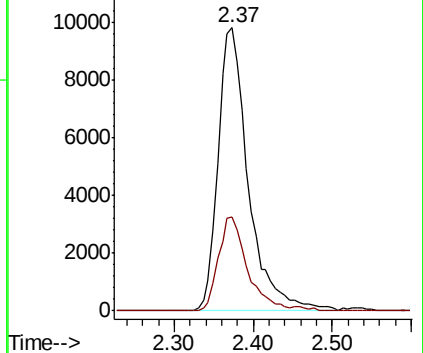
62 100

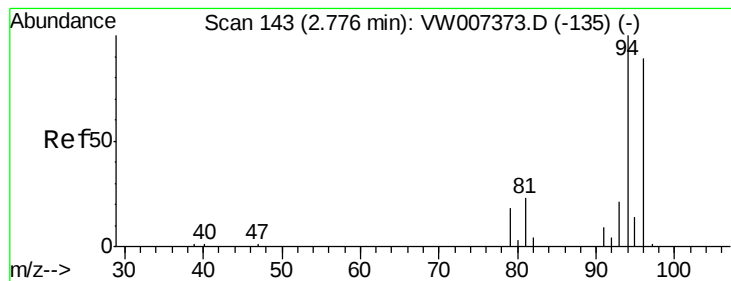
64 33.3 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 53.474 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

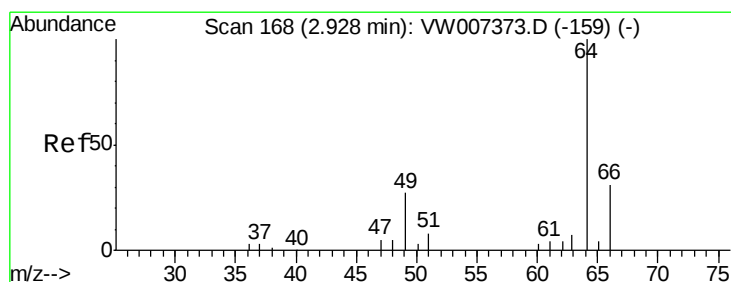
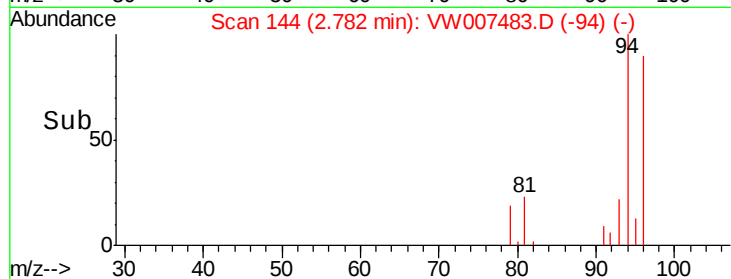
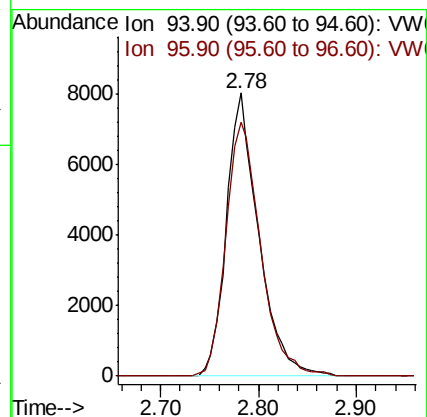
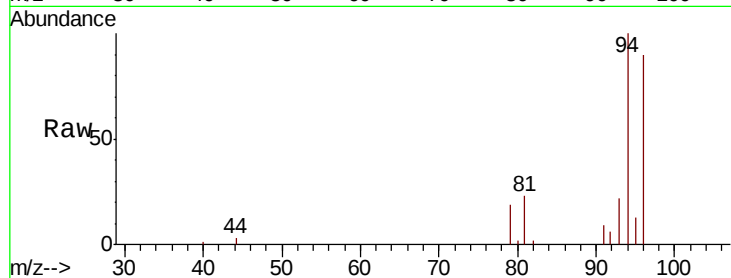
SB-01AMSD

Tot Ion: 94 Resp: 18347

Ion Ratio Lower Upper

94 100

96 89.9 71.0 106.4



#6

Chloroethane

Concen: 53.636 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007483.D

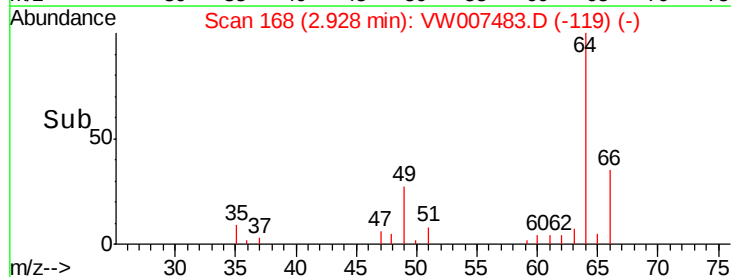
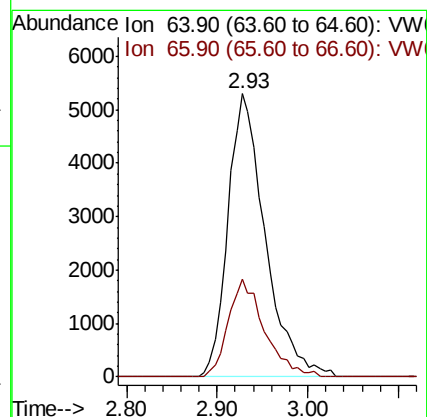
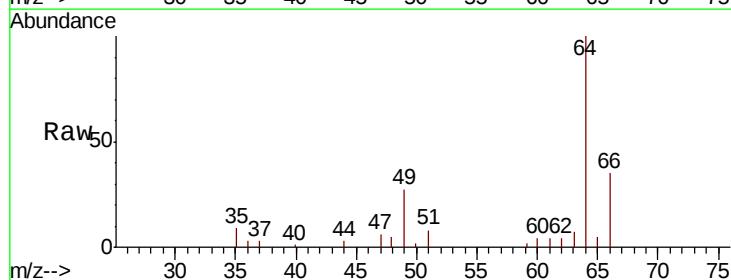
Acq: 13 Dec 2018 13:00

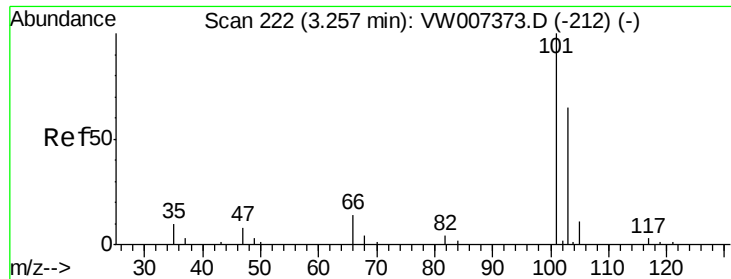
Tgt Ion: 64 Resp: 15077

Ion Ratio Lower Upper

64 100

66 34.7 24.6 37.0



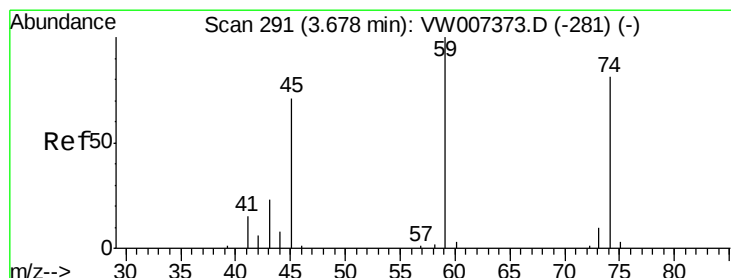
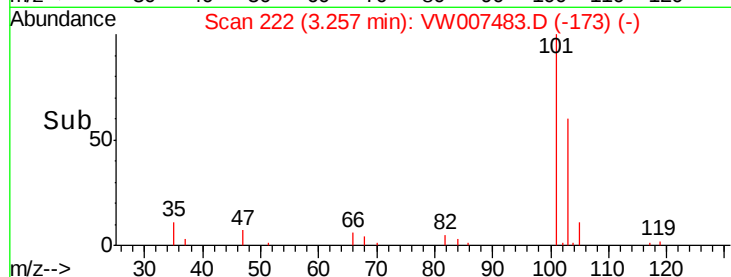
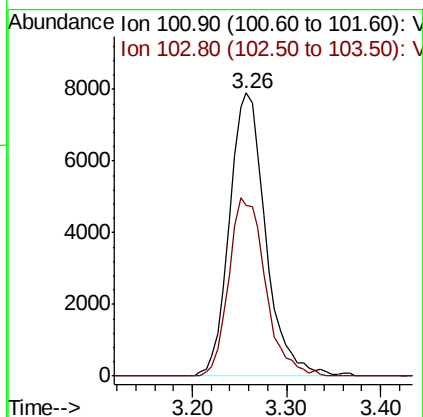
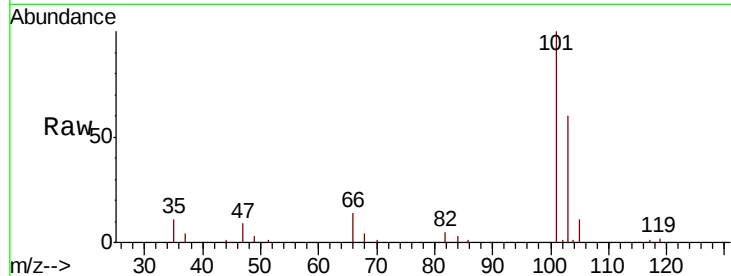


#7

Trichlorofluoromethane
Concen: 46.031 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

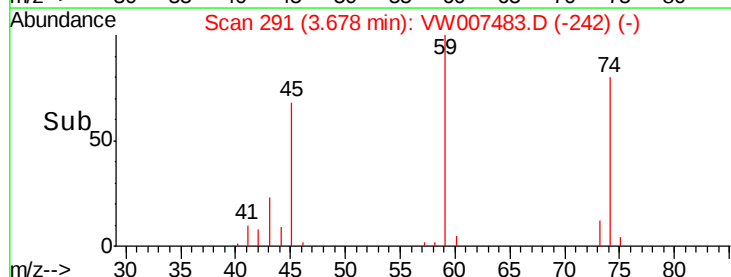
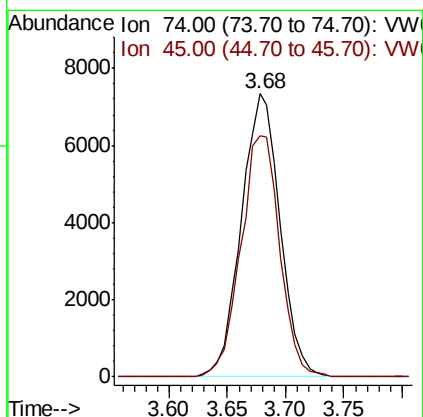
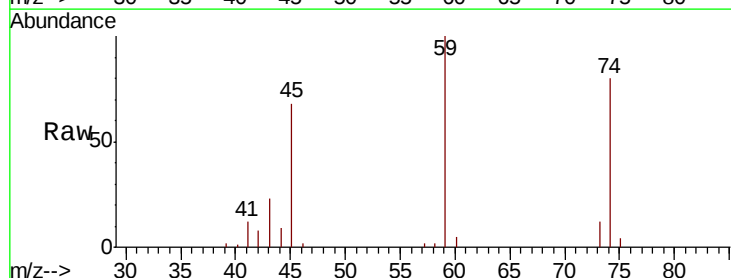
Tot Ion:101 Resp: 21133
Ion Ratio Lower Upper
101 100
103 60.2 51.7 77.5

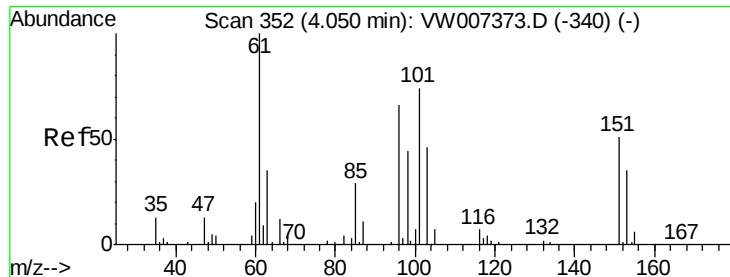


#8

Diethyl Ether
Concen: 47.388 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 74 Resp: 17028
Ion Ratio Lower Upper
74 100
45 85.9 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.063 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMSD

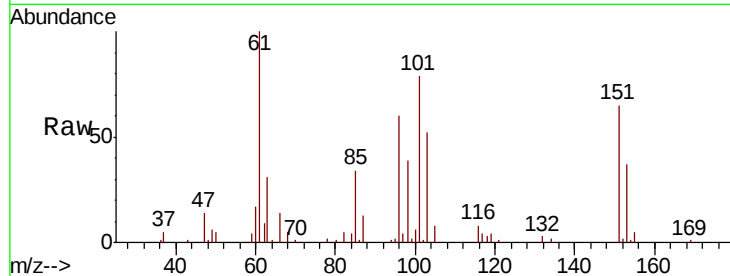
Tot Ion:101 Resp: 39440

Ion Ratio Lower Upper

101 100

85 42.9 33.9 50.9

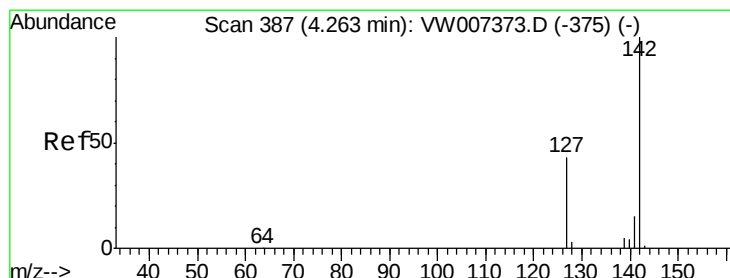
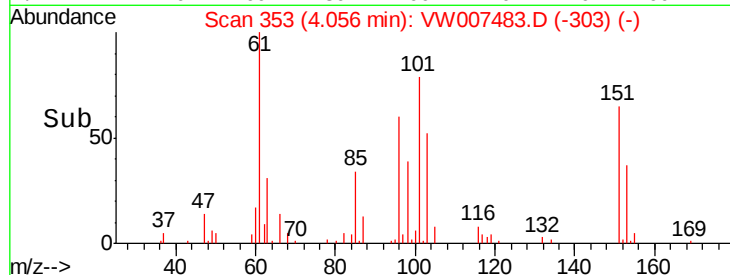
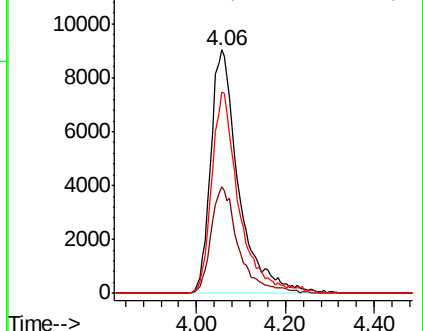
151 80.0 63.7 95.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.222 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

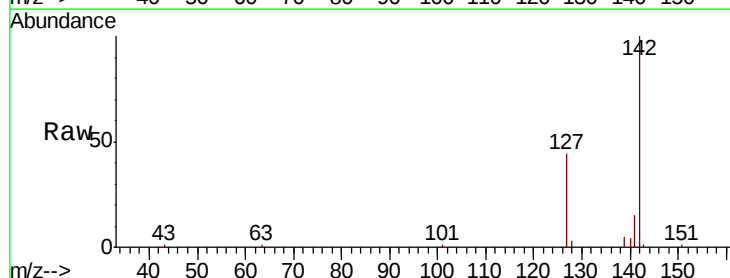
Tgt Ion:142 Resp: 66775

Ion Ratio Lower Upper

142 100

127 45.1 35.8 53.6

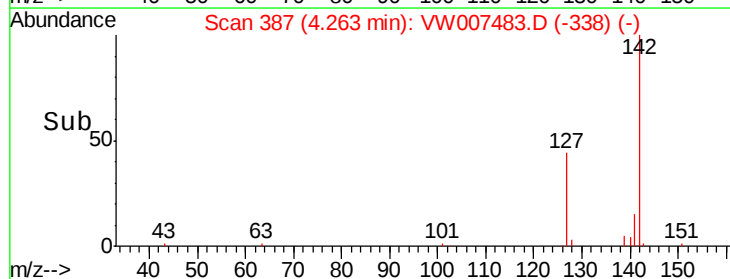
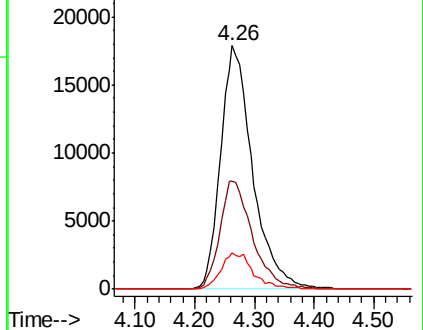
141 14.9 11.1 16.7

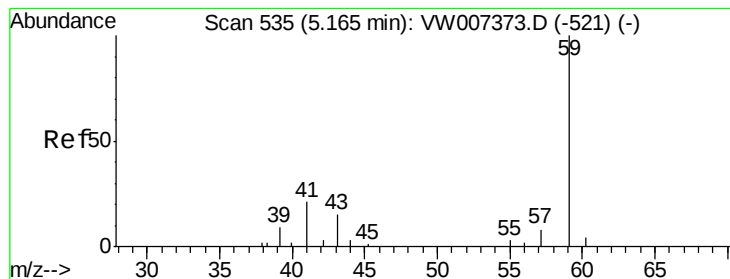


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



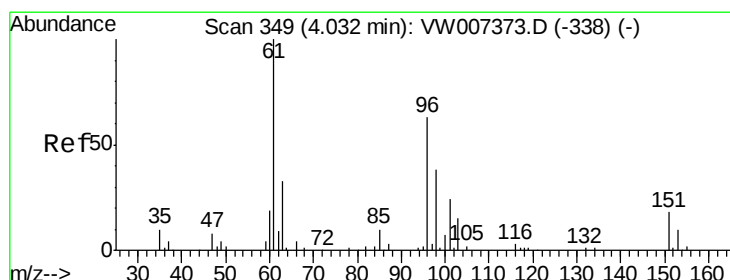
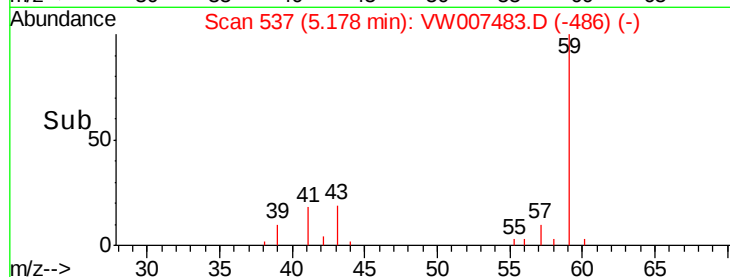
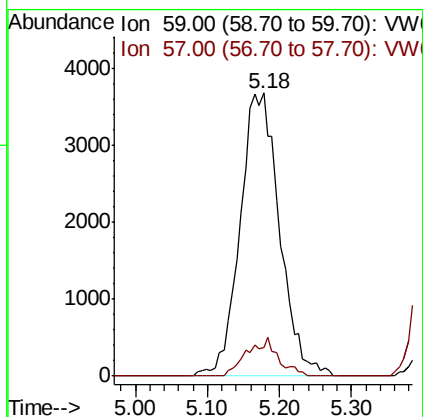
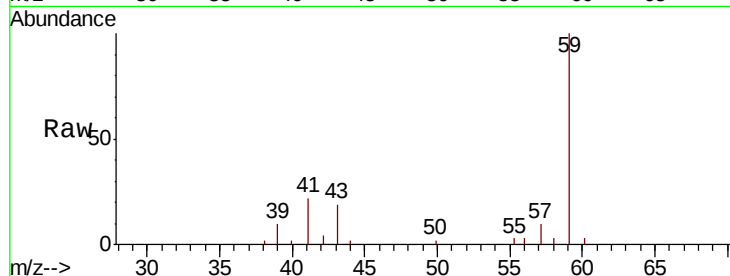


#11

Tert butyl alcohol
 Concen: 246.825 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampled :
 SB-01AMSD

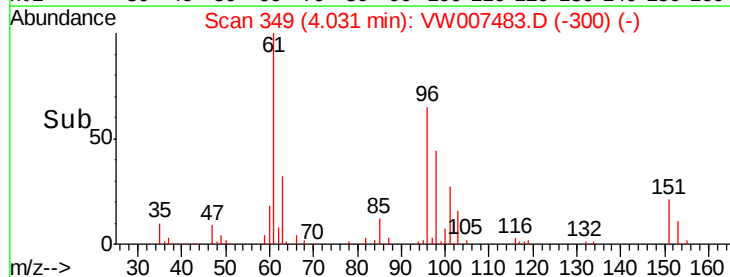
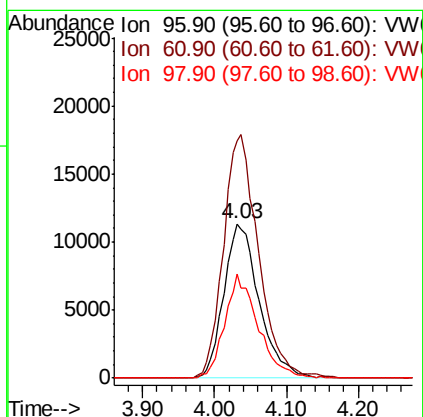
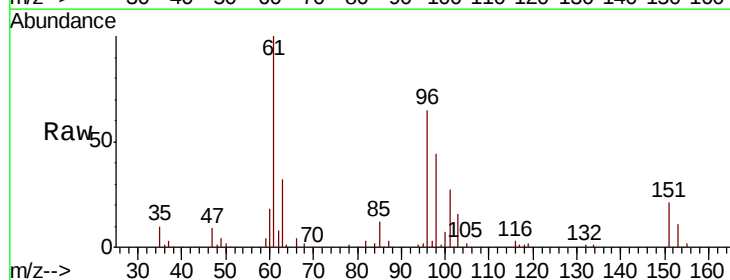
Tot Ion: 59 Resp: 13983
 Ion Ratio Lower Upper
 59 100
 57 10.6 7.6 11.4

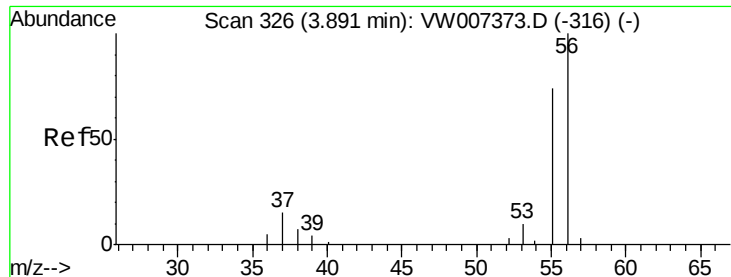


#12

1,1-Dichloroethene
 Concen: 53.124 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion: 96 Resp: 38747
 Ion Ratio Lower Upper
 96 100
 61 153.7 126.2 189.2
 98 67.4 48.3 72.5

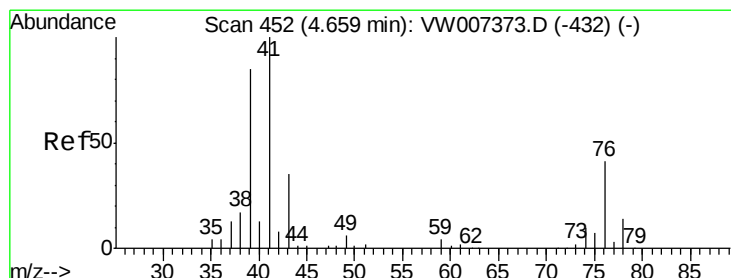
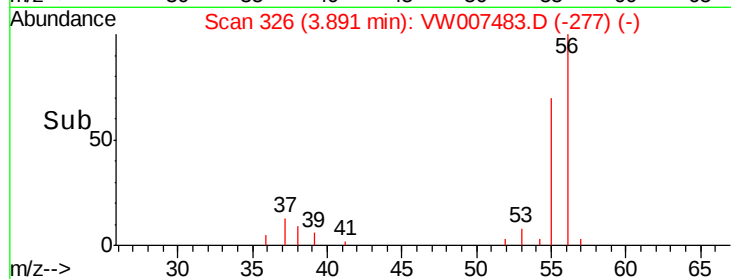
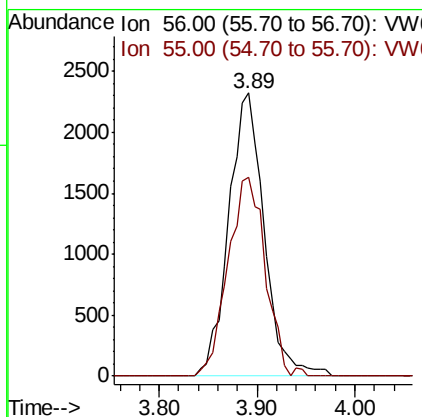
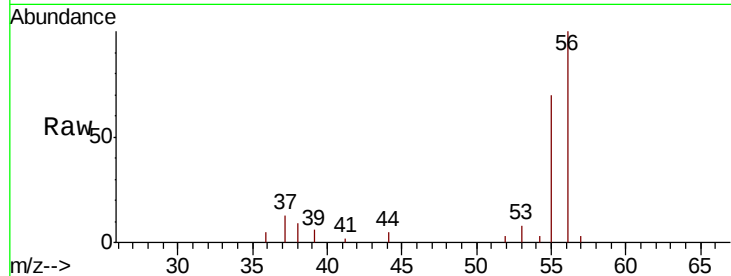




#13
Acrolein
Concen: 155.232 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

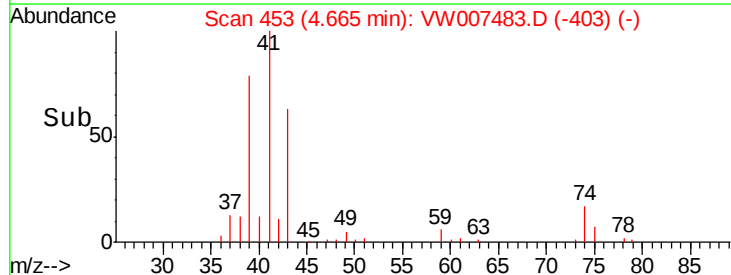
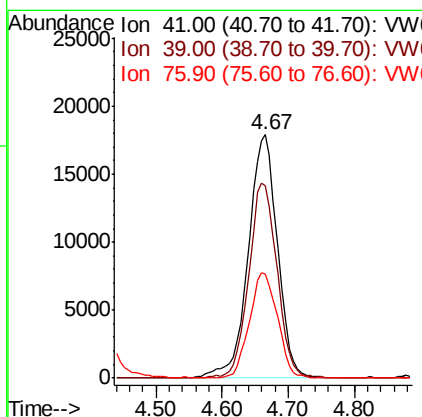
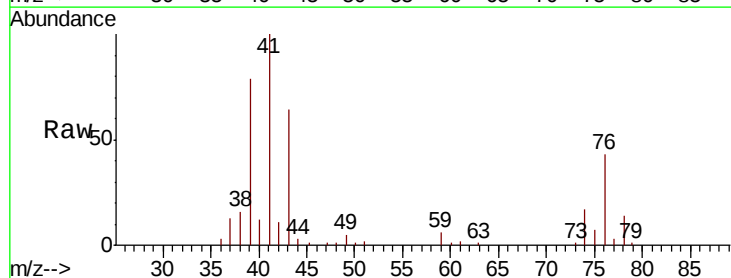
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

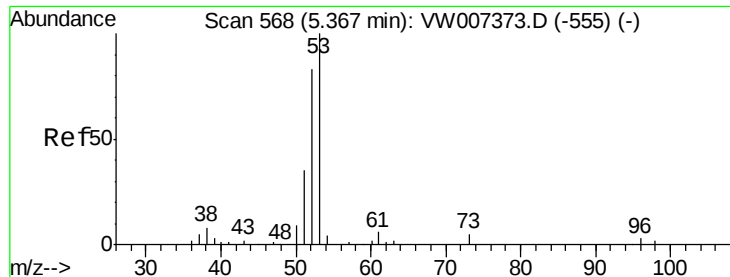
Tot Ion: 56 Resp: 5819
Ion Ratio Lower Upper
56 100
55 73.4 57.4 86.2



#14
Allyl chloride
Concen: 51.162 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 41 Resp: 55005
Ion Ratio Lower Upper
41 100
39 77.9 63.4 95.2
76 41.6 32.1 48.1





#15

Acrylonitrile

Concen: 275.344 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMSD

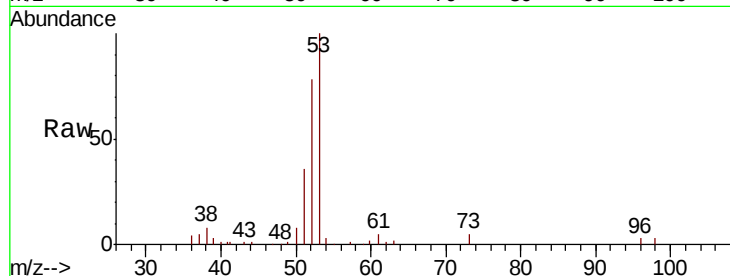
Tot Ion: 53 Resp: 41709

Ion Ratio Lower Upper

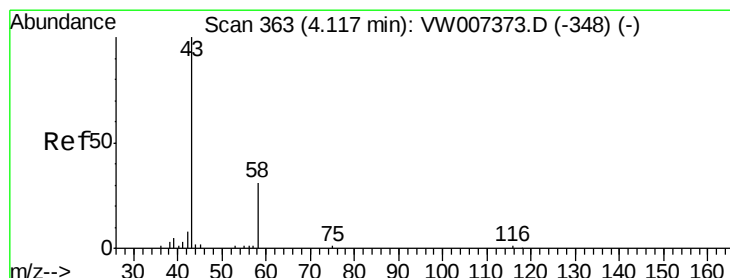
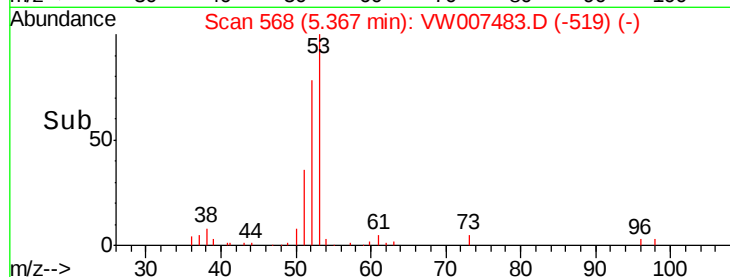
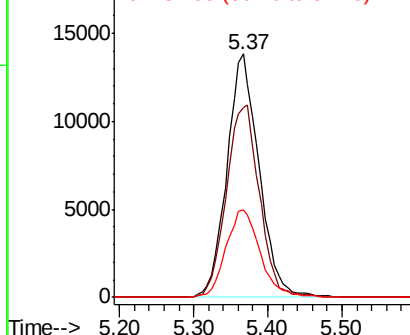
53 100

52 81.4 67.4 101.2

51 38.2 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: 297.464 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007483.D

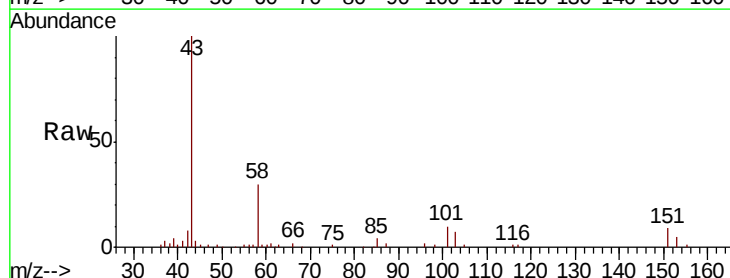
Acq: 13 Dec 2018 13:00

Tgt Ion: 43 Resp: 42859

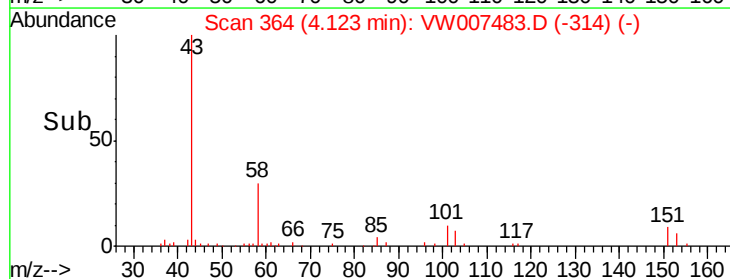
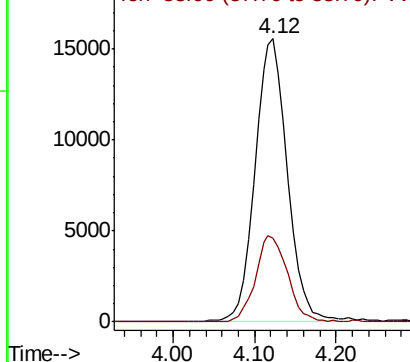
Ion Ratio Lower Upper

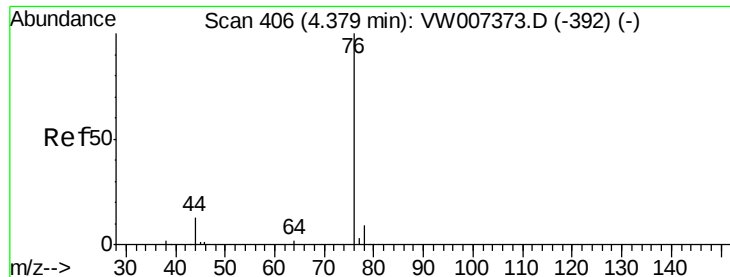
43 100

58 29.6 24.9 37.3



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

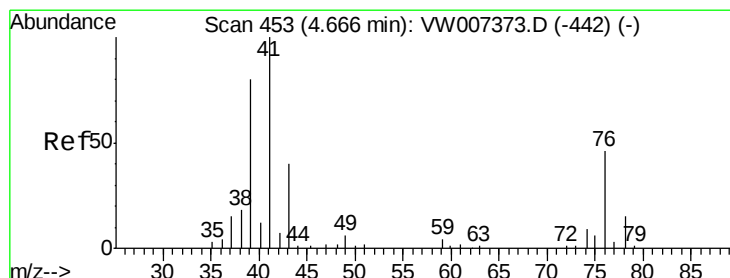
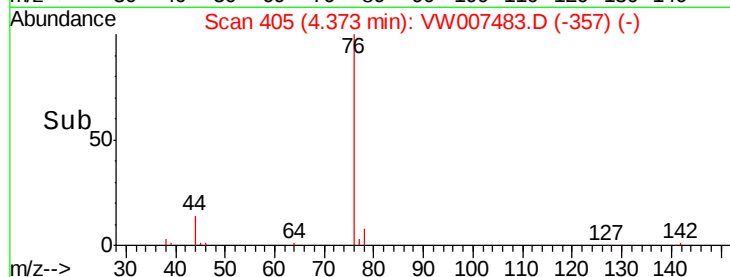
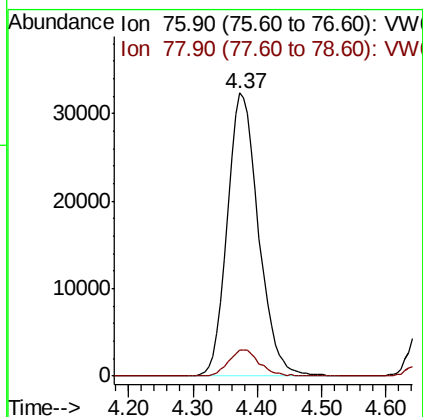
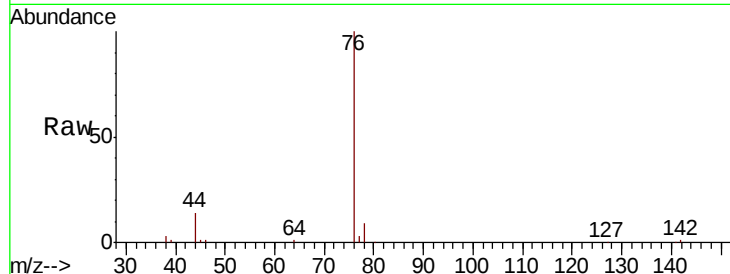




#17
Carbon Disulfide
Concen: 49.617 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

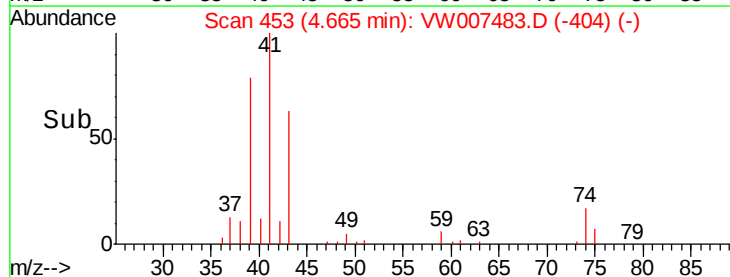
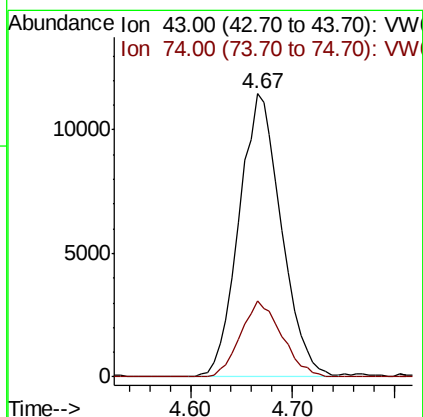
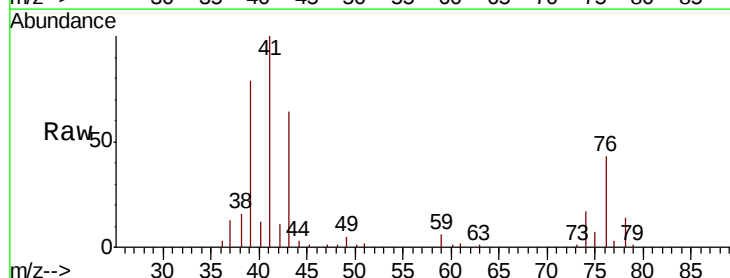
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

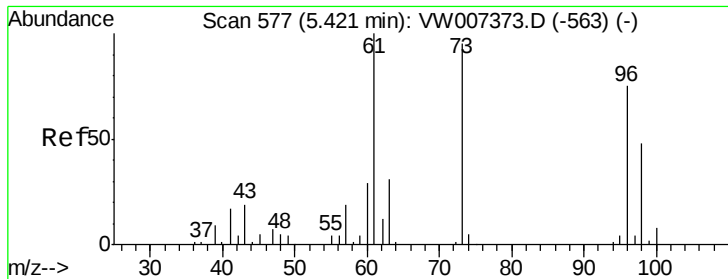
Tot Ion: 76 Resp: 109728
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 84.505 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 43 Resp: 33046
Ion Ratio Lower Upper
43 100
74 25.9 21.1 31.7

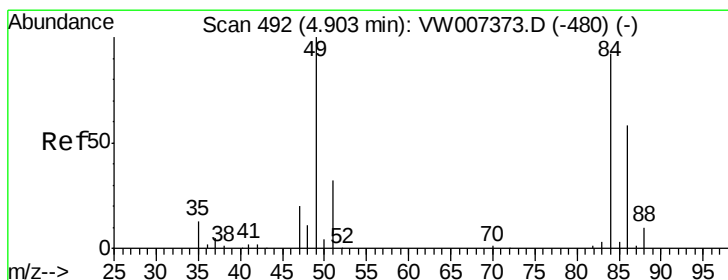
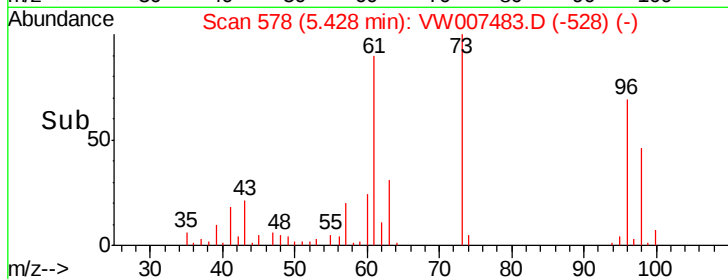
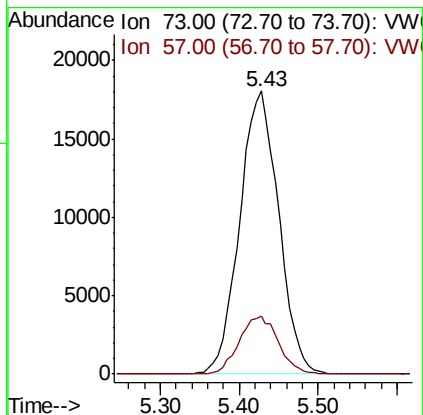
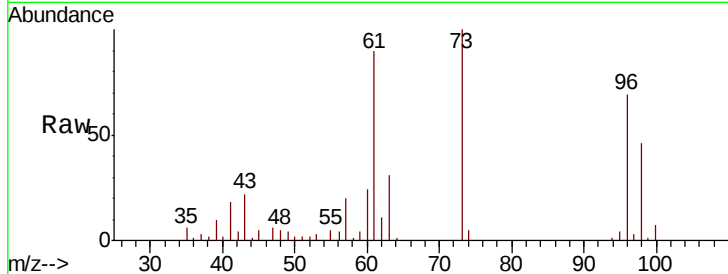




#19
Methvl tert-butvl Ether
Concen: 56.411 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

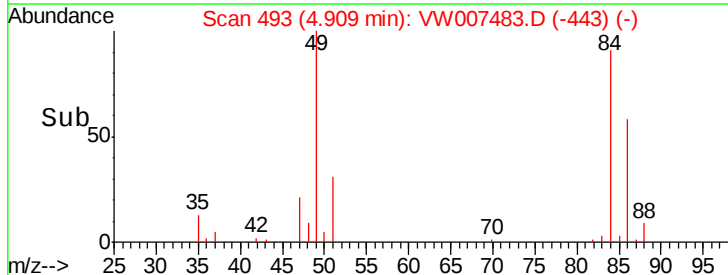
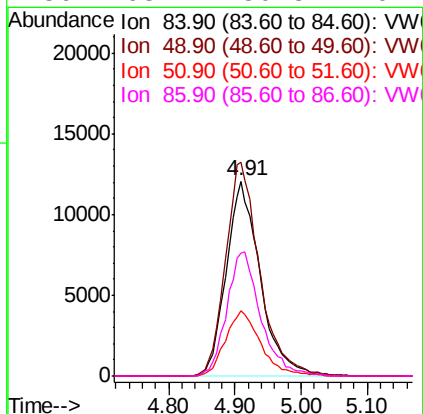
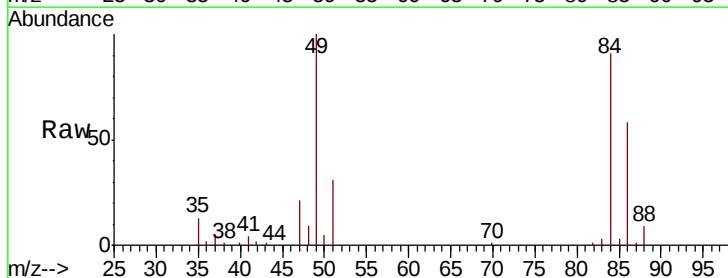
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

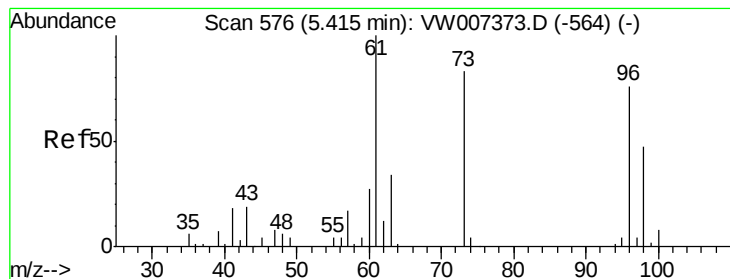
Tot Ion: 73 Resp: 62069
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6



#20
Methylene Chloride
Concen: 54.731 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 84 Resp: 42831
Ion Ratio Lower Upper
84 100
49 109.7 87.1 130.7
51 33.6 28.2 42.2
86 63.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 51.933 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMSD

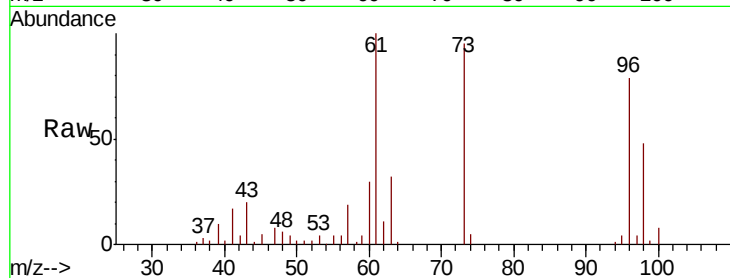
Tot Ion: 96 Resp: 42373

Ion Ratio Lower Upper

96 100

61 126.6 105.0 157.6

98 60.9 49.7 74.5

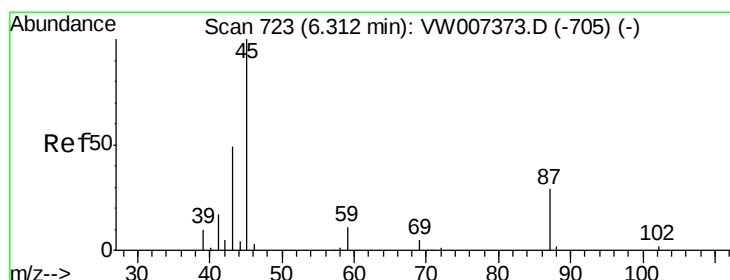
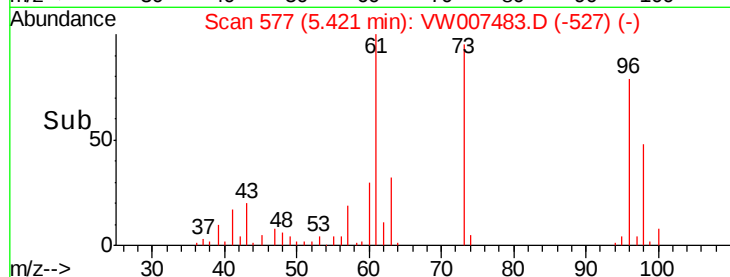
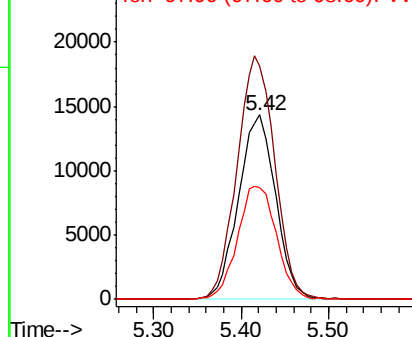


Abundance

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: 53.033 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Tgt Ion: 45 Resp: 109593

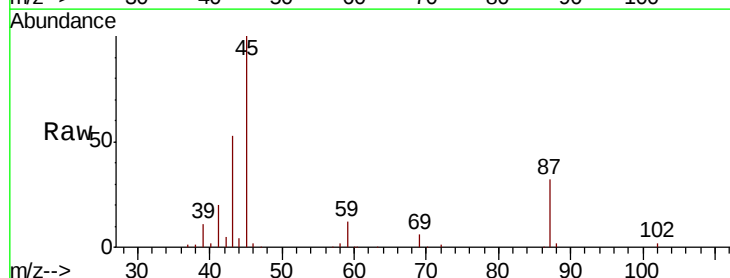
Ion Ratio Lower Upper

45 100

43 52.2 41.6 62.4

87 31.6 24.3 36.5

59 12.1 9.4 14.0



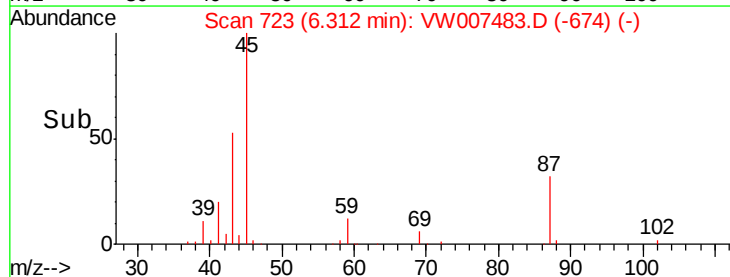
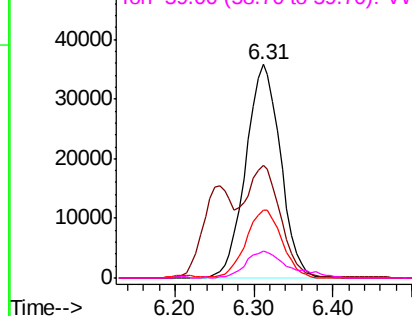
Abundance

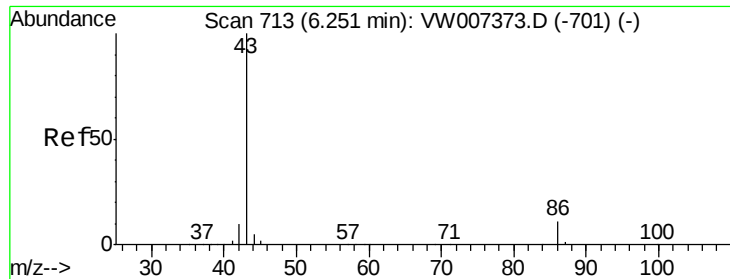
Ion 45.00 (44.70 to 45.70): VW

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: 34.352 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

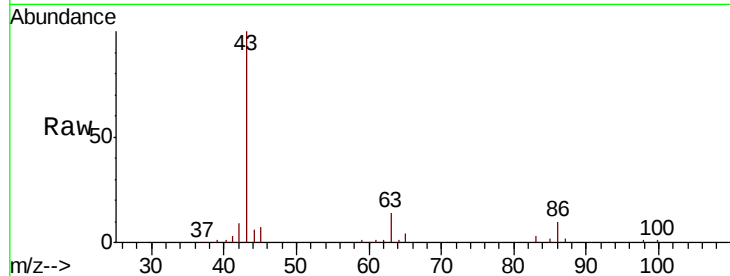
SB-01AMSD

Tot Ion: 43 Resp: 39706

Ion Ratio Lower Upper

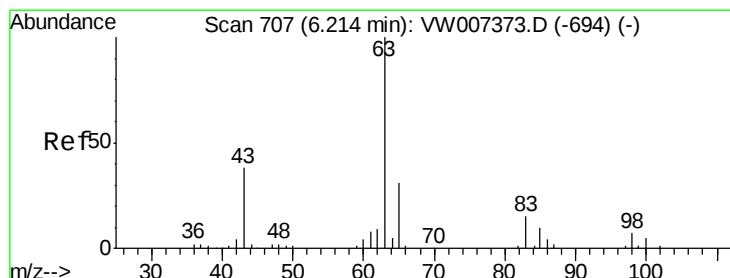
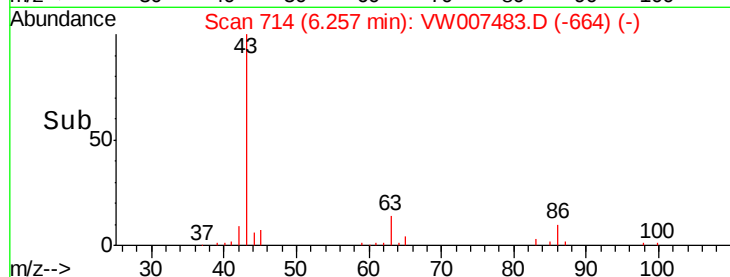
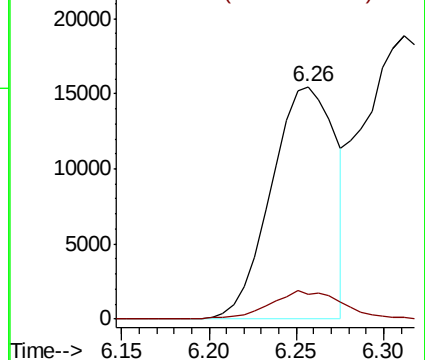
43 100

86 10.4 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: 53.504 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

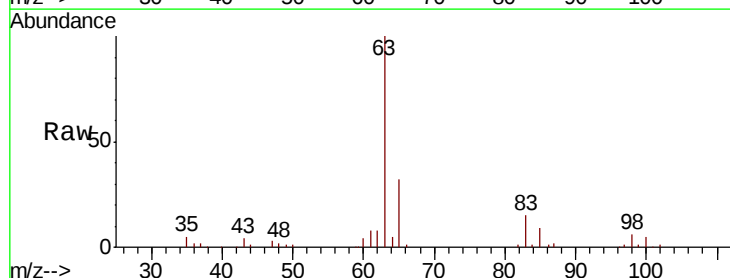
Tgt Ion: 63 Resp: 74728

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

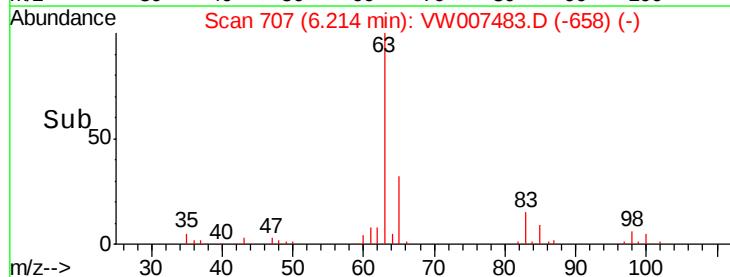
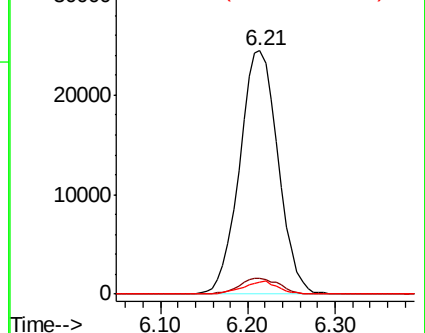
100 4.8 2.5 7.5

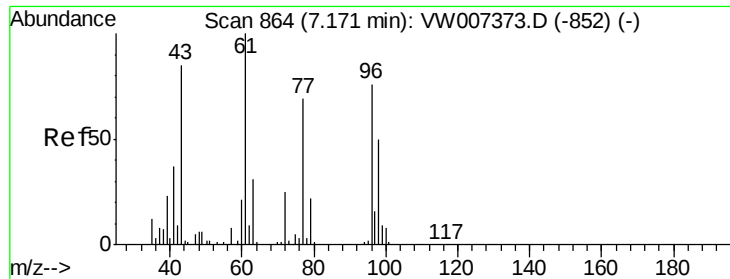


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 289.423 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

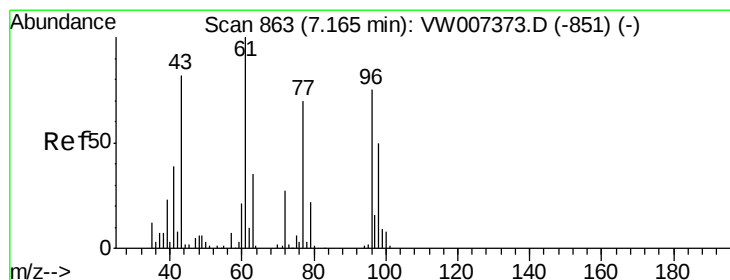
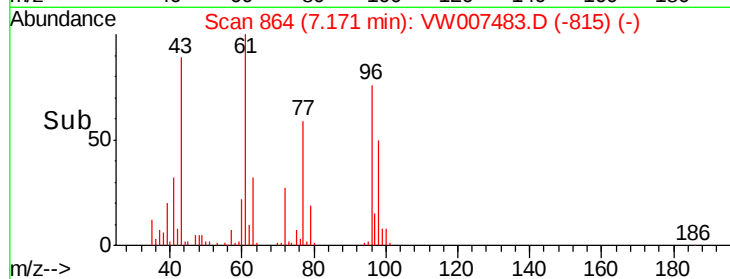
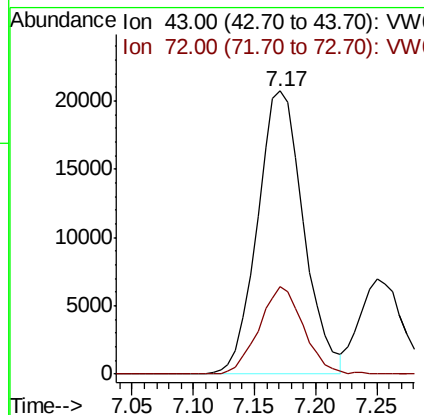
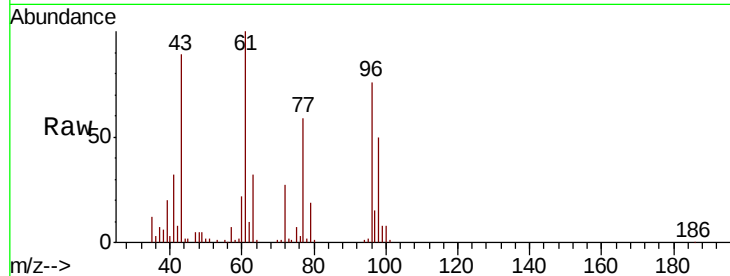
SB-01AMSD

Tot Ion: 43 Resp: 54440

Ion Ratio Lower Upper

43 100

72 30.7 23.4 35.2



#26

2,2-Dichloropropane

Concen: 44.828 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007483.D

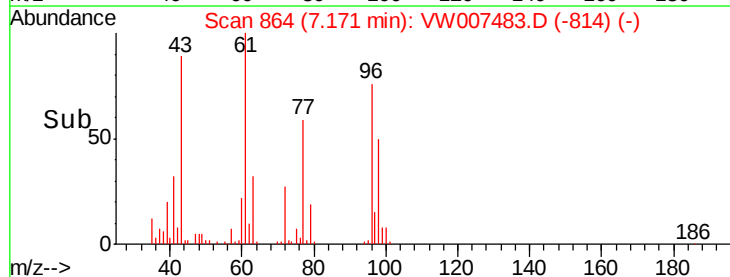
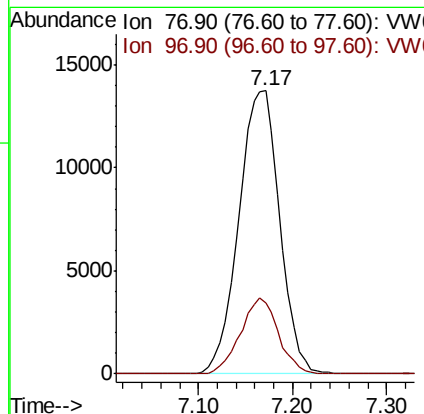
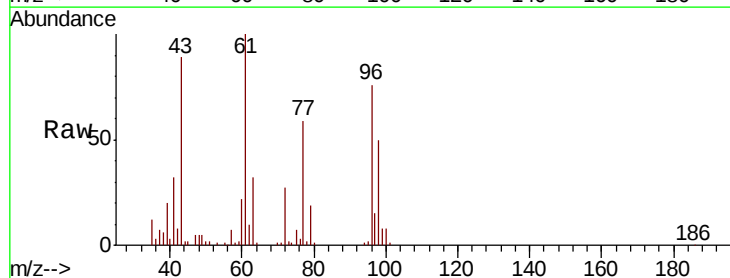
Acq: 13 Dec 2018 13:00

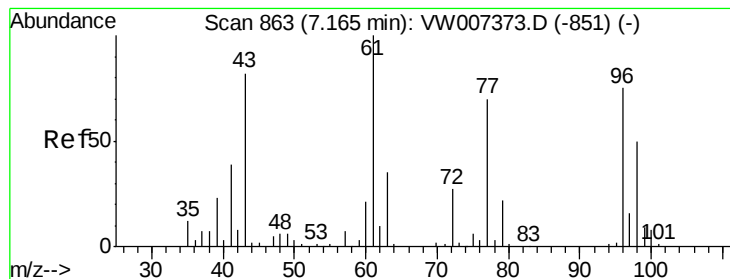
Tgt Ion: 77 Resp: 41437

Ion Ratio Lower Upper

77 100

97 24.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 53.378 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMSD

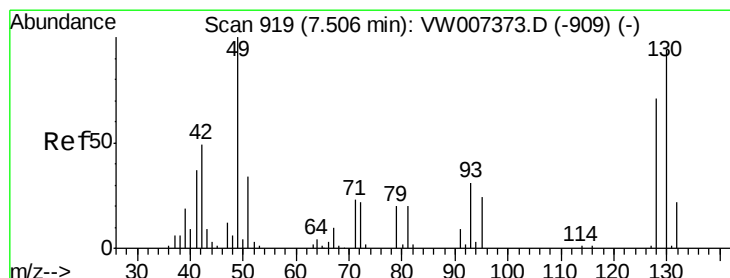
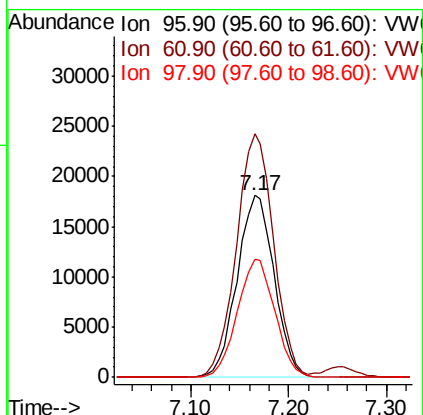
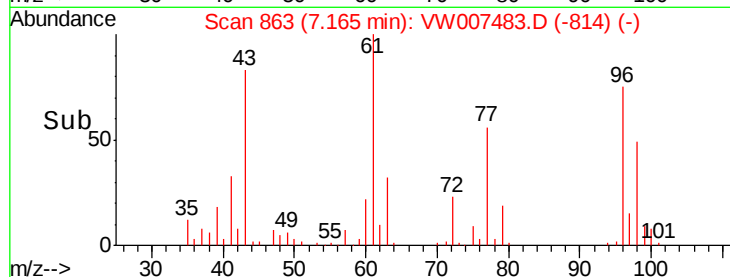
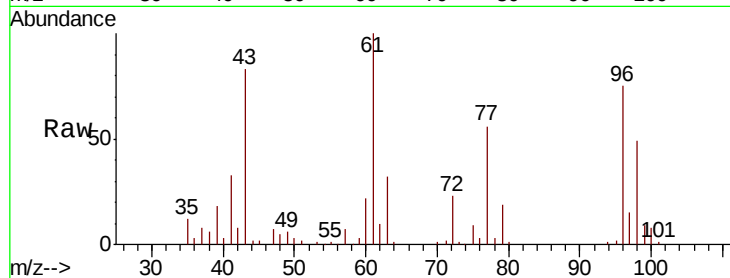
Tot Ion: 96 Resp: 47687

Ion Ratio Lower Upper

96 100

61 134.2 0.0 268.4

98 65.6 0.0 127.8



#28

Bromochloromethane

Concen: 49.295 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

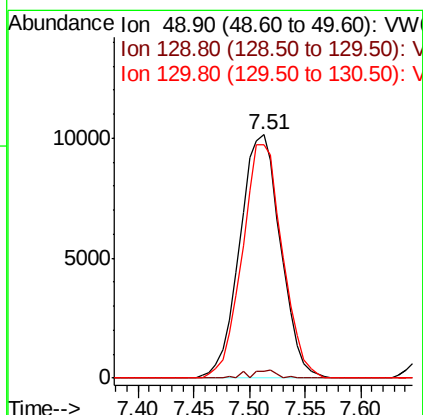
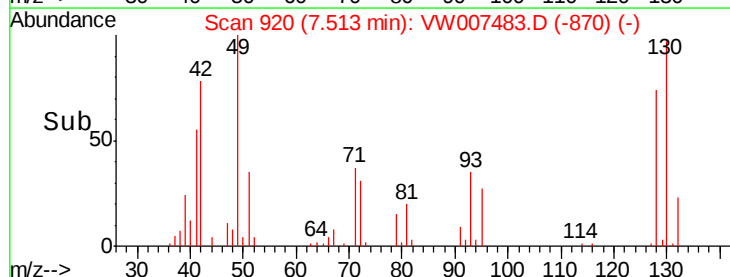
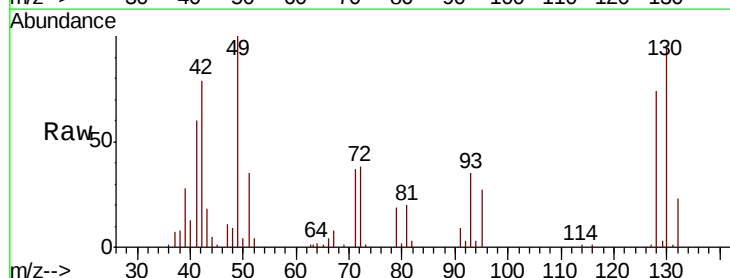
Tgt Ion: 49 Resp: 25897

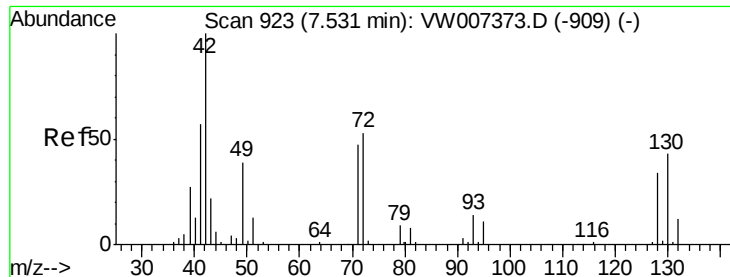
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.6

130 94.4 75.9 113.9

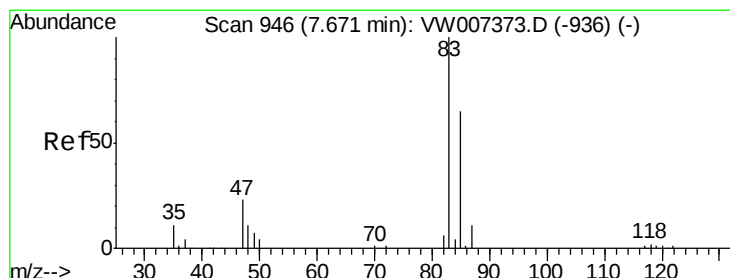
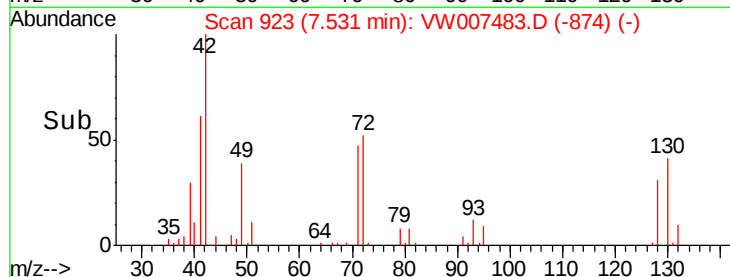
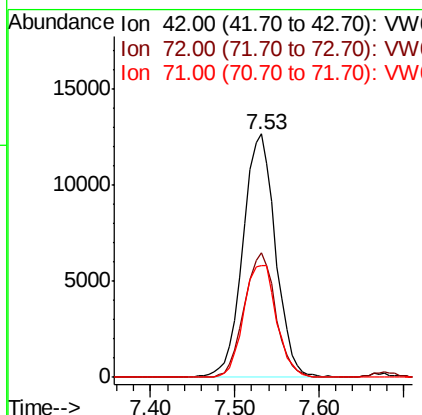
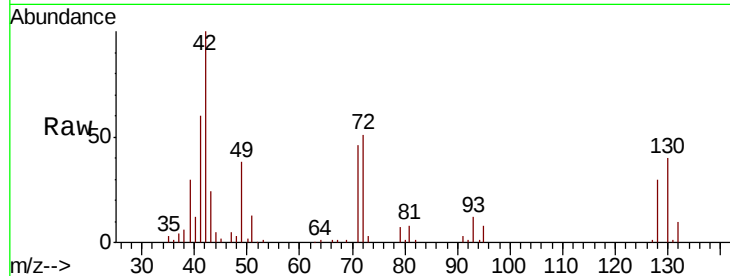




#29
Tetrahydrofuran
Concen: 278.320 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

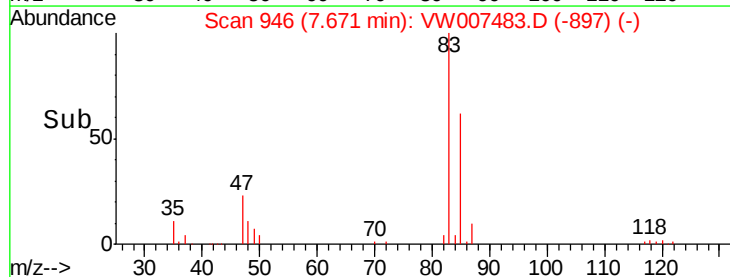
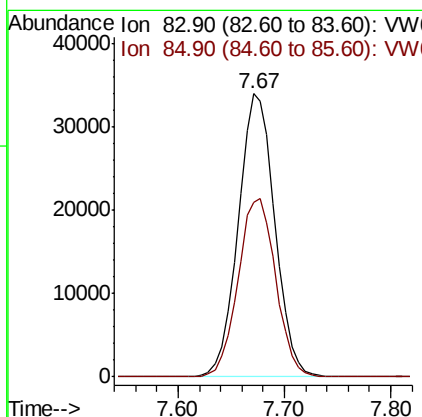
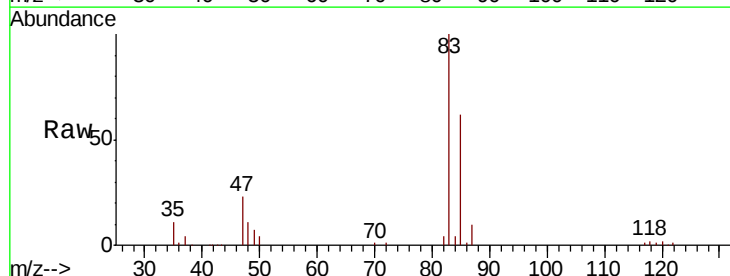
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

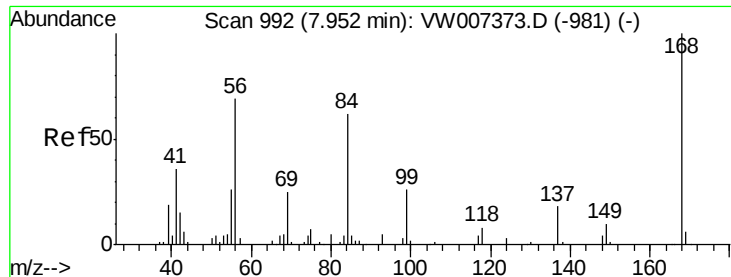
Tot Ion: 42 Resp: 33142
Ion Ratio Lower Upper
42 100
72 49.2 38.2 57.4
71 46.5 35.5 53.3



#30
Chloroform
Concen: 53.619 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 83 Resp: 81497
Ion Ratio Lower Upper
83 100
85 61.9 51.8 77.8

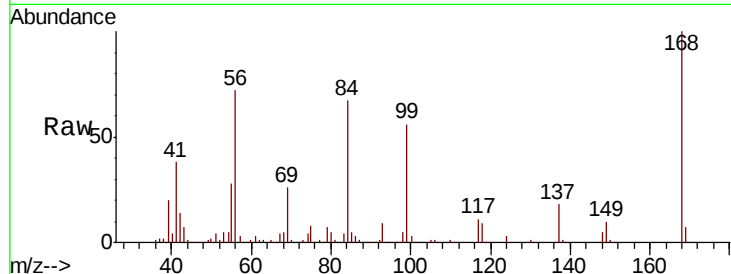




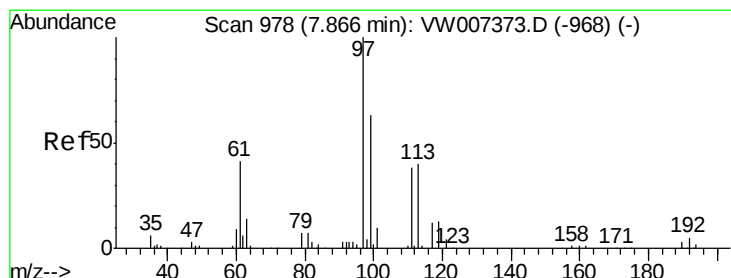
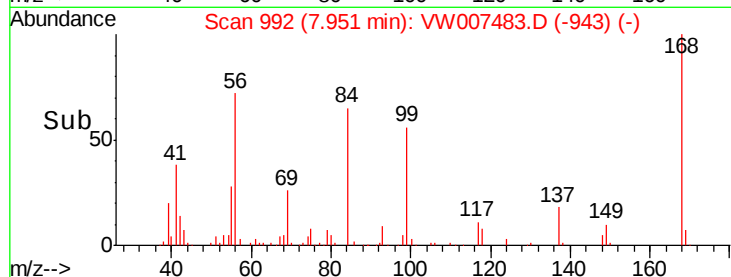
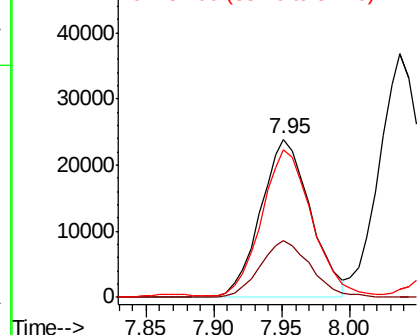
#31
Cyclohexane
Concen: 47.572 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion: 56 Resp: 60960
Ion Ratio Lower Upper
56 100
69 35.9 28.9 43.3
84 92.5 71.8 107.6

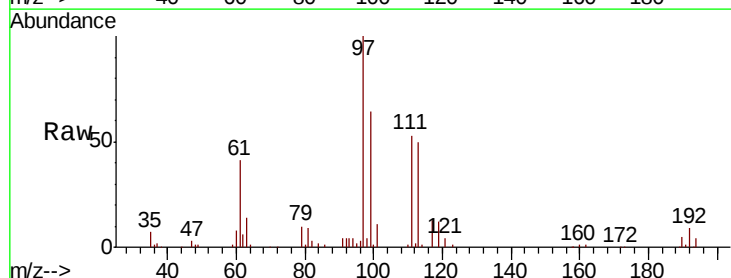


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

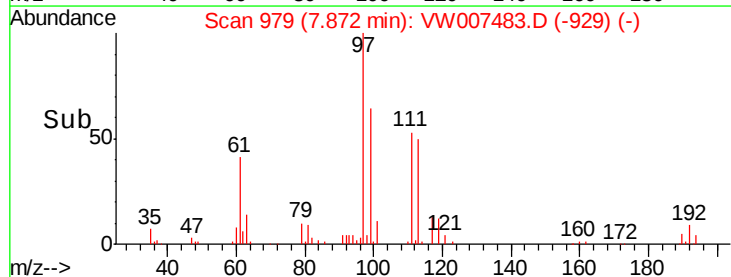
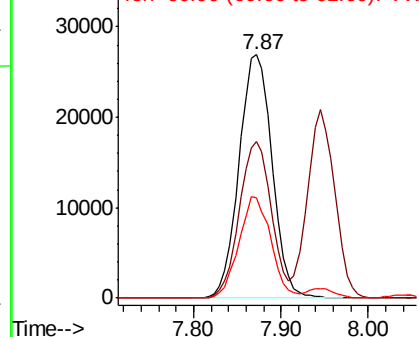


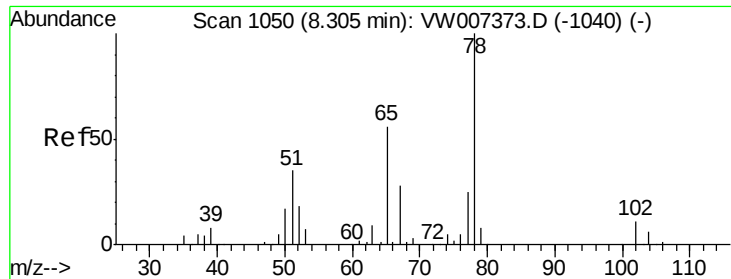
#32
1,1,1-Trichloroethane
Concen: 53.089 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 97 Resp: 70761
Ion Ratio Lower Upper
97 100
99 62.2 51.1 76.7
61 40.4 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

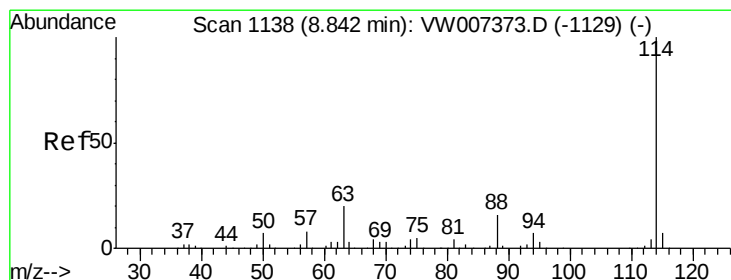
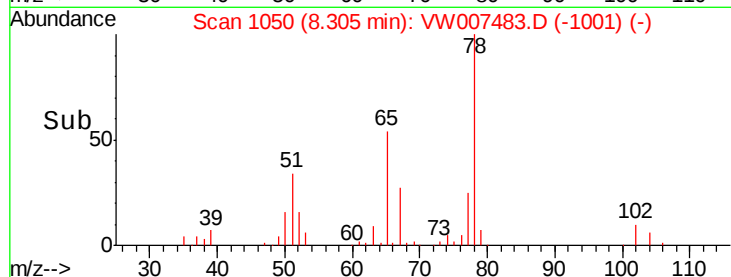
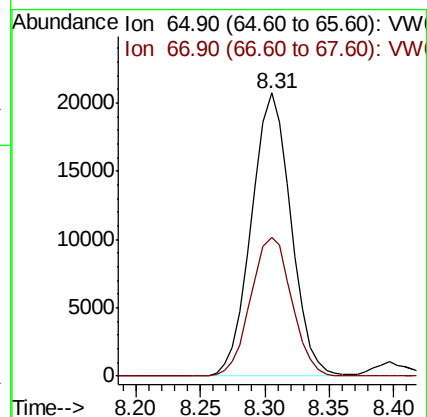
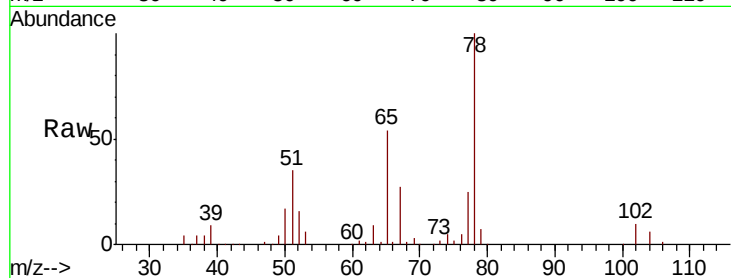




#33
 1,2-Dichloroethane-d4
 Concen: 53.415 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

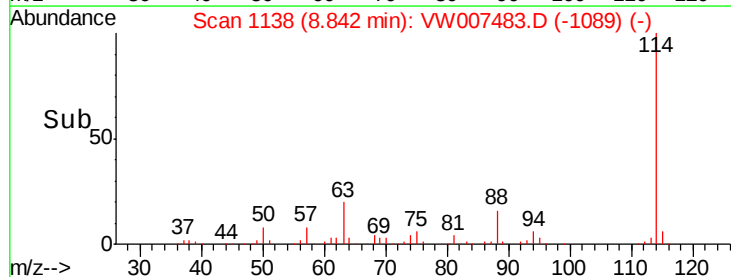
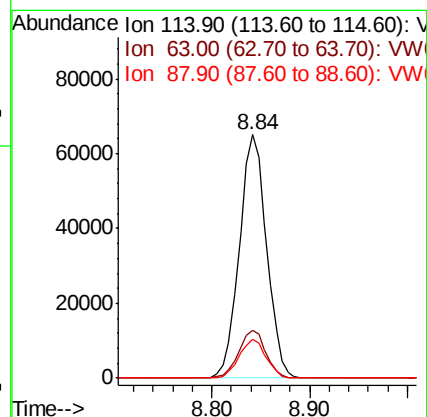
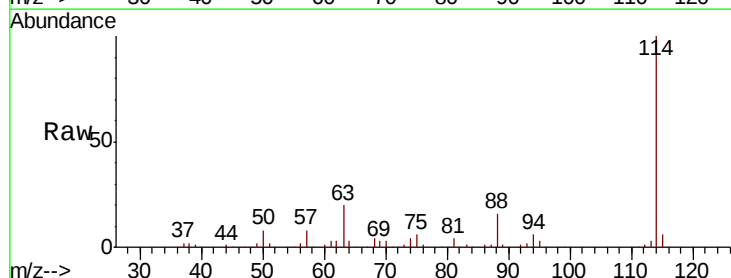
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

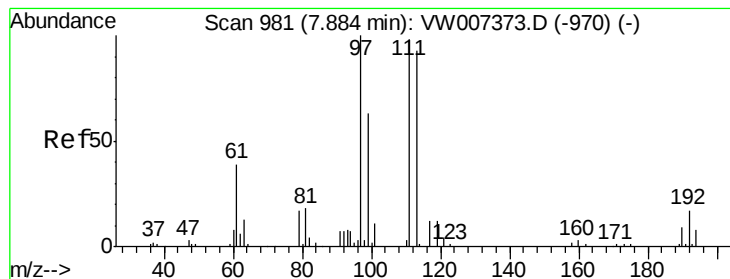
Tot Ion: 65 Resp: 44061
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion: 114 Resp: 125483
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.6
 88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.917 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMSD

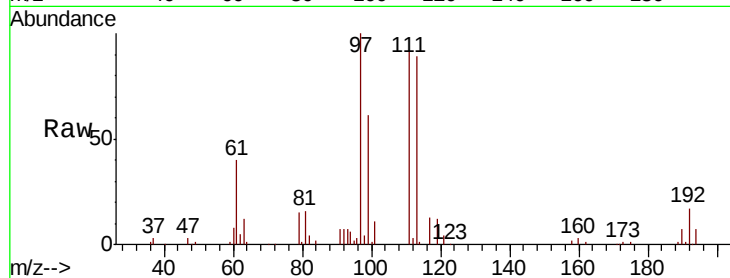
Tot Ion:113 Resp: 41715

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

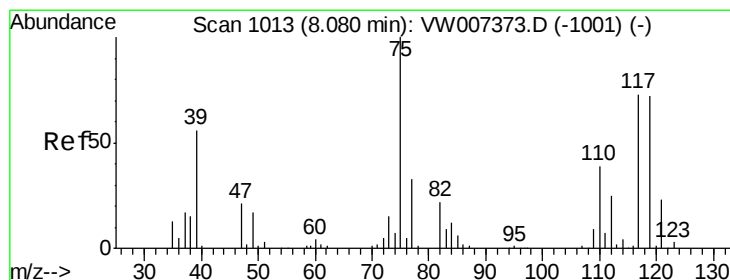
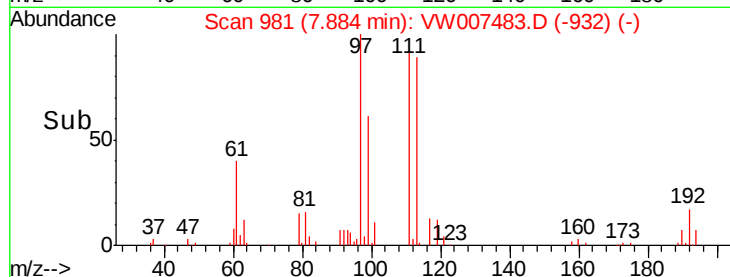
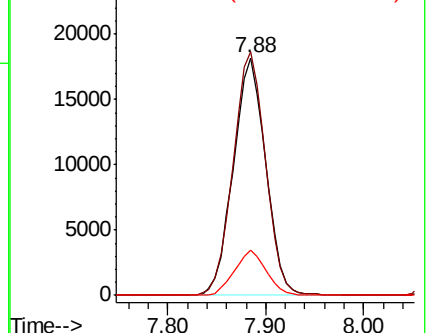
192 18.4 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.228 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

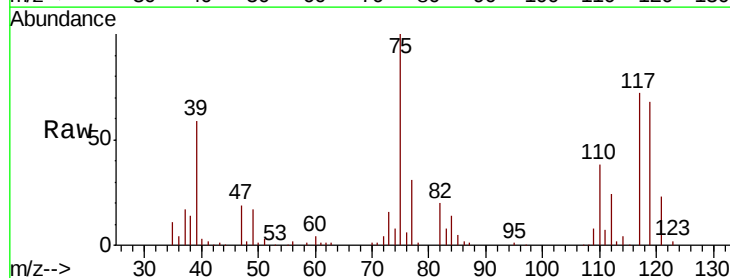
Tgt Ion: 75 Resp: 59785

Ion Ratio Lower Upper

75 100

110 36.6 18.5 55.5

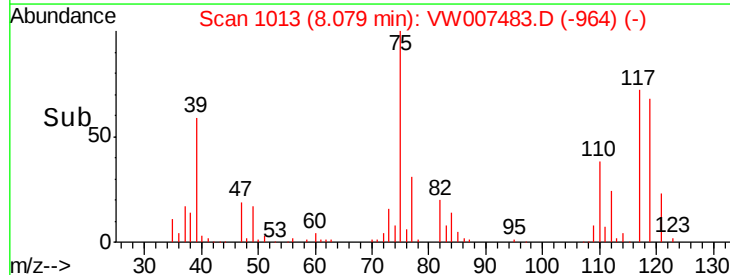
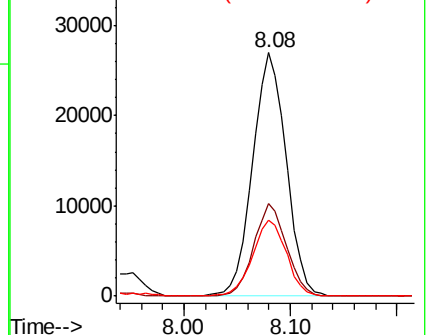
77 31.5 25.6 38.4

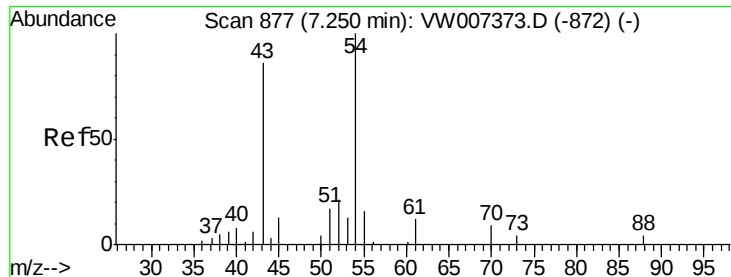


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

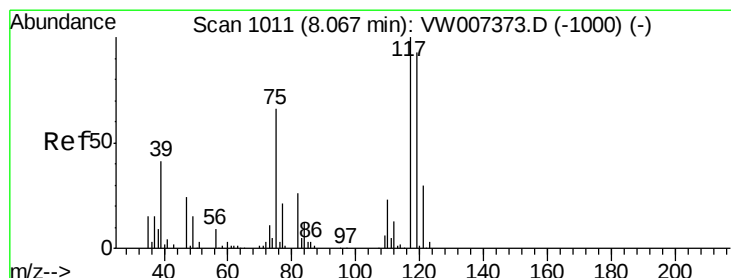
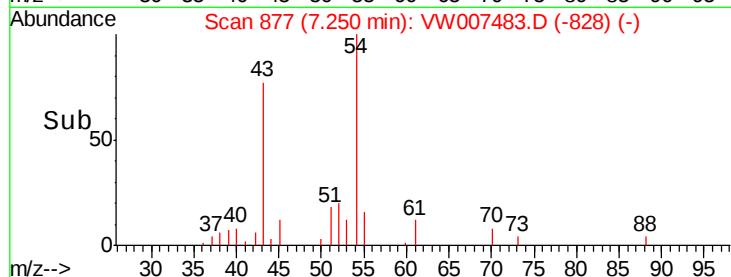
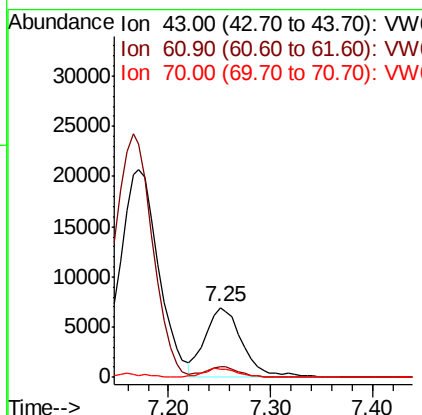
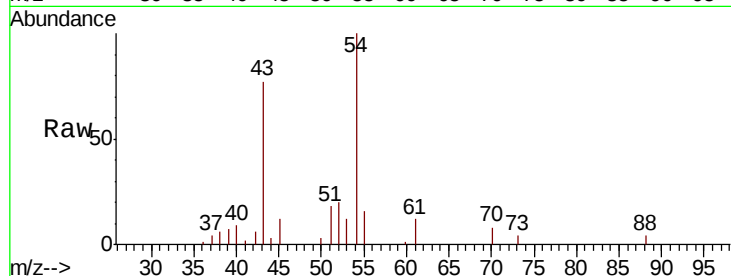




#37
Ethyl Acetate
Concen: 41.801 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

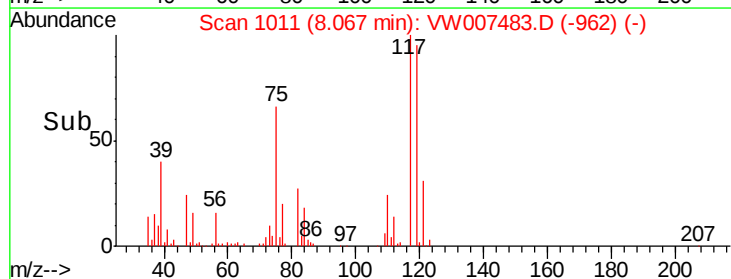
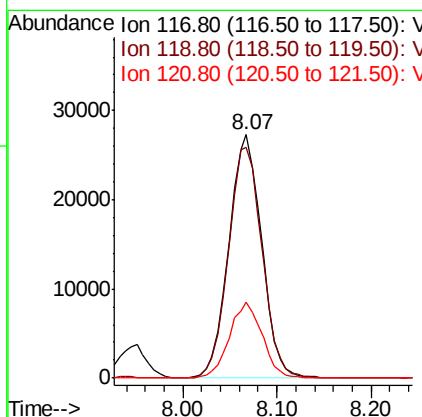
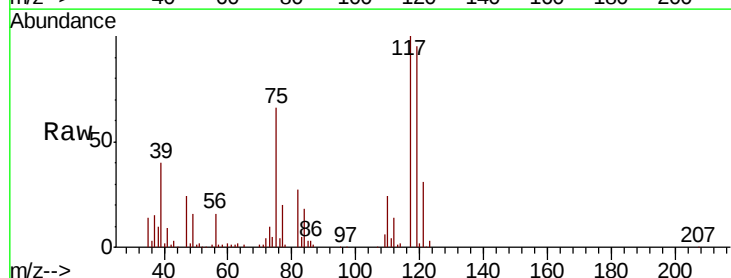
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

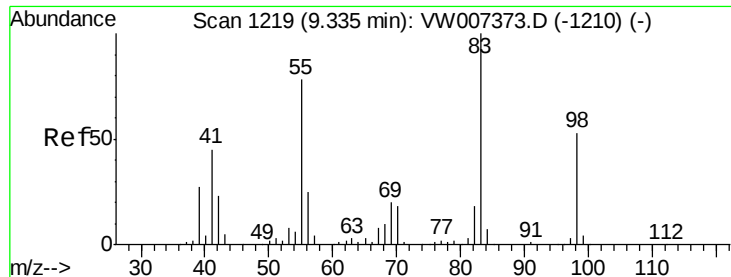
Tot Ion: 43 Resp: 17797
Ion Ratio Lower Upper
43 100
61 13.3 12.1 18.1
70 11.8 10.0 15.0



#38
Carbon Tetrachloride
Concen: 53.247 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 117 Resp: 66321
Ion Ratio Lower Upper
117 100
119 94.9 74.3 111.5
121 31.3 24.3 36.5

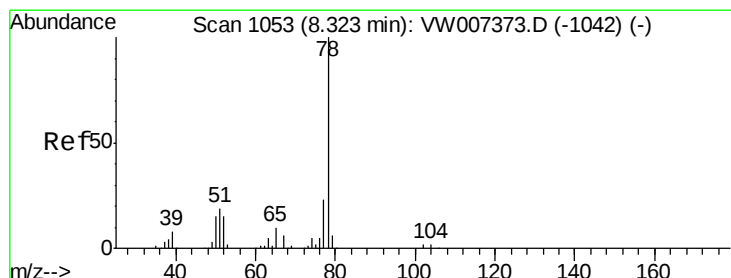
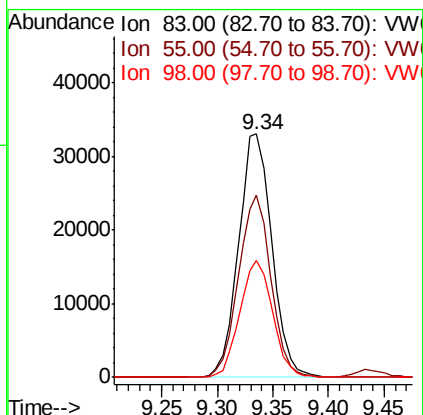
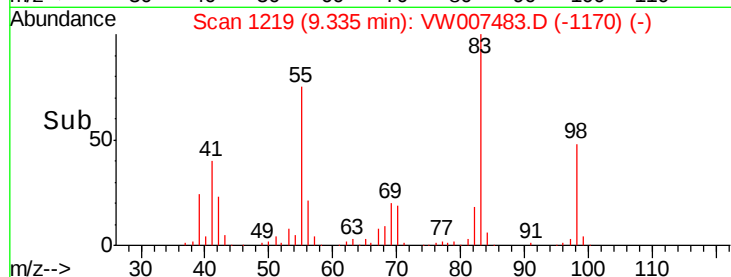
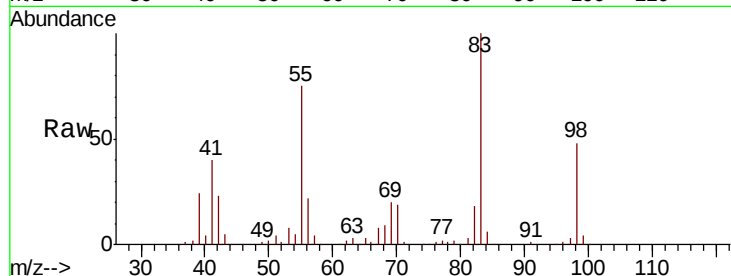




#39
Methvlcvclohexane
Concen: 49.578 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

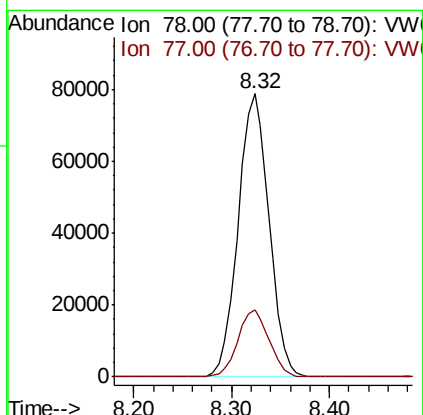
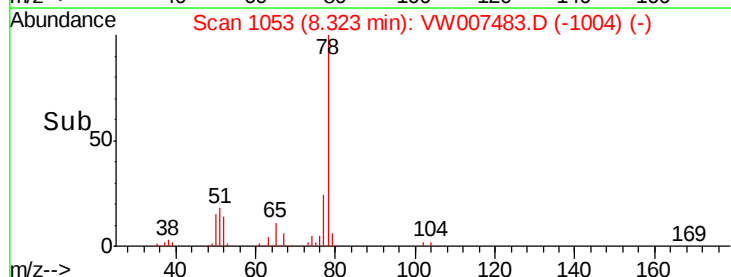
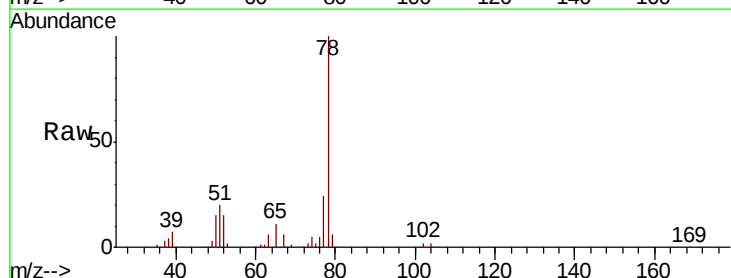
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

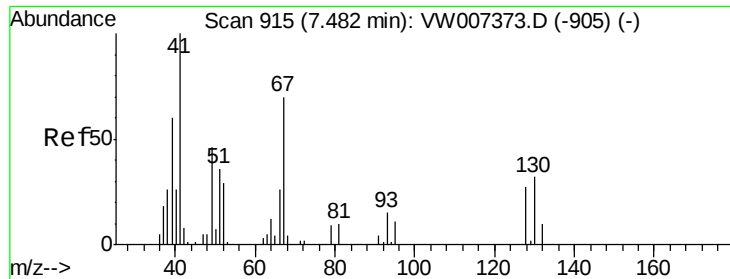
Tot Ion: 83 Resp: 68720
Ion Ratio Lower Upper
83 100
55 74.6 62.8 94.2
98 48.2 42.2 63.2



#40
Benzene
Concen: 54.195 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 78 Resp: 172165
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

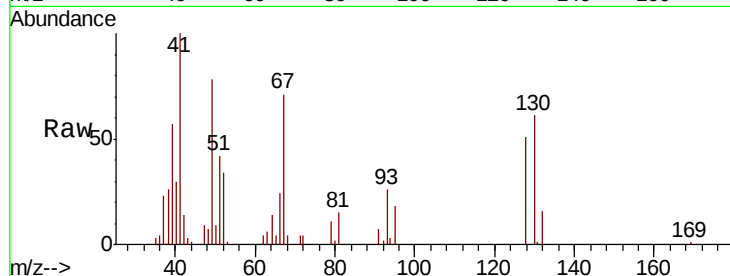




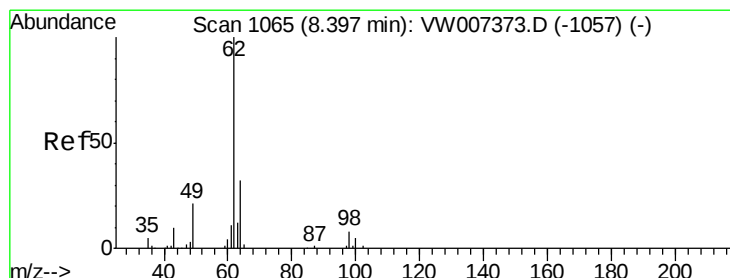
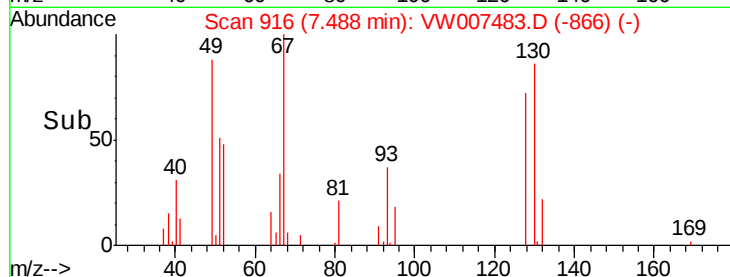
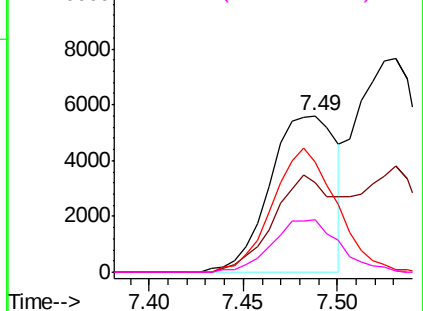
#41
Methacrylonitrile
Concen: 56.445 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion: 41 Resp: 13685
Ion Ratio Lower Upper
41 100
39 63.3 52.2 78.2
67 76.4 60.5 90.7
52 34.0 25.3 37.9

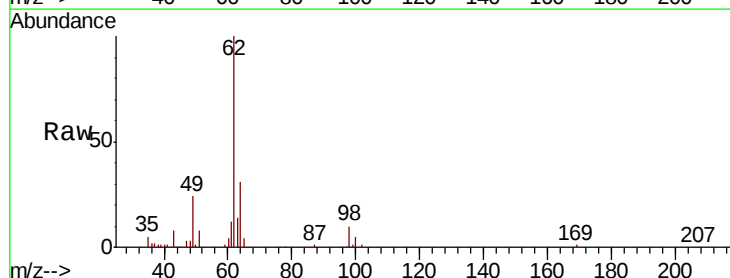


Abundance Ion 41.00 (40.70 to 41.70): VW
12000 Ion 39.00 (38.70 to 39.70): VW
10000 Ion 67.00 (66.70 to 67.70): VW
8000 Ion 52.00 (51.70 to 52.70): VW

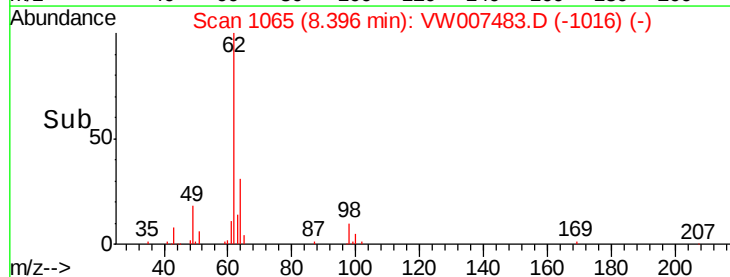
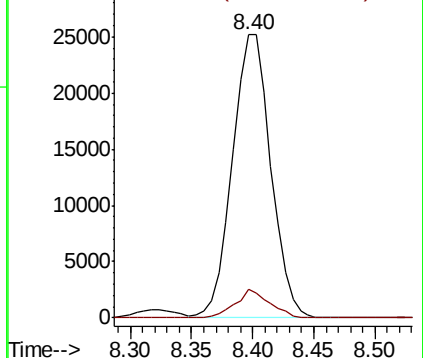


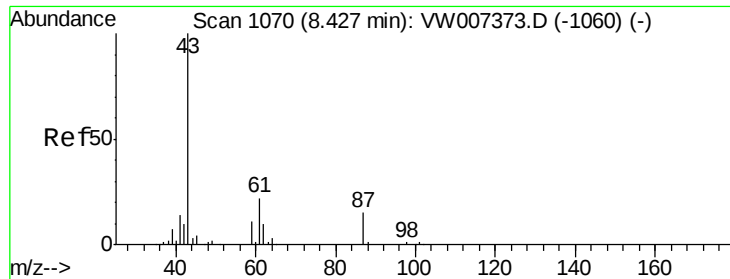
#42
1,2-Dichloroethane
Concen: 54.954 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 62 Resp: 54839
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VW
30000 Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 49.075 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampled :

SB-01AMSD

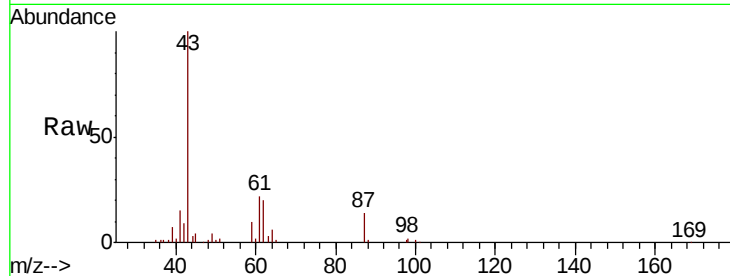
Tot Ion: 43 Resp: 41272

Ion Ratio Lower Upper

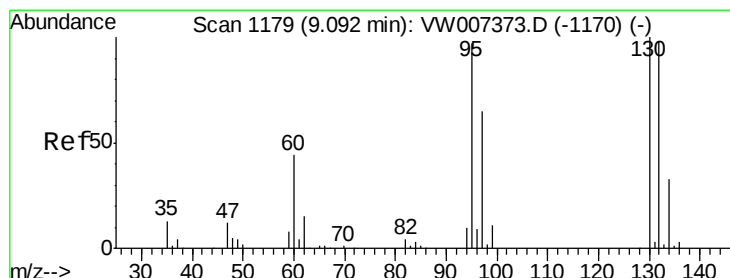
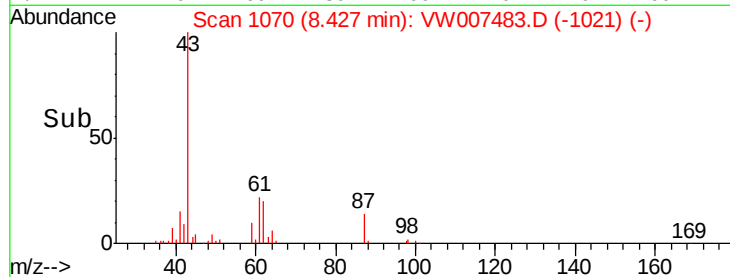
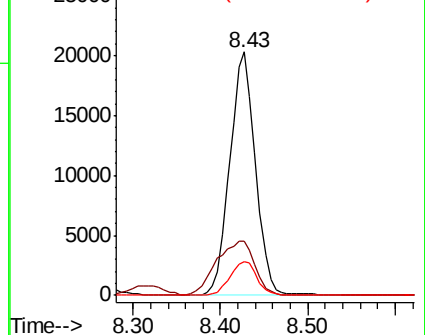
43 100

61 33.3 25.3 37.9

87 14.6 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 54.120 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007483.D

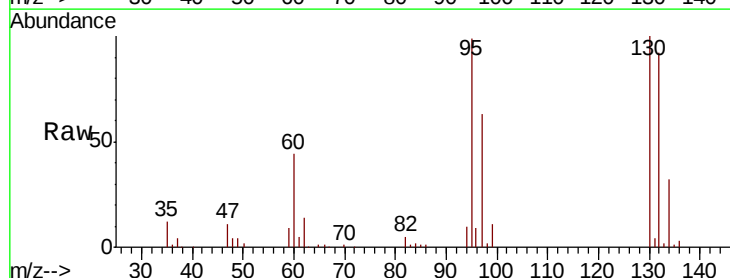
Acq: 13 Dec 2018 13:00

Tgt Ion: 130 Resp: 49095

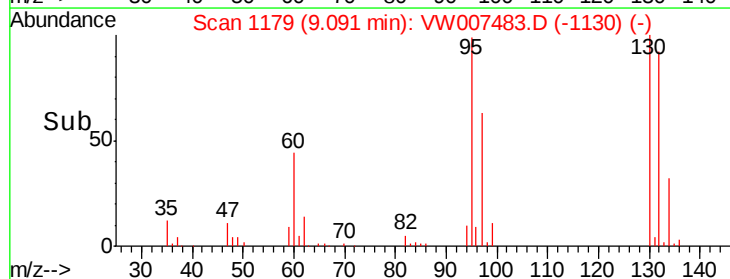
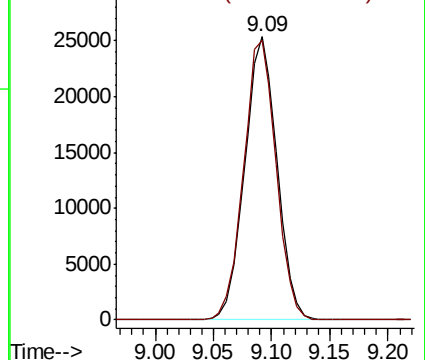
Ion Ratio Lower Upper

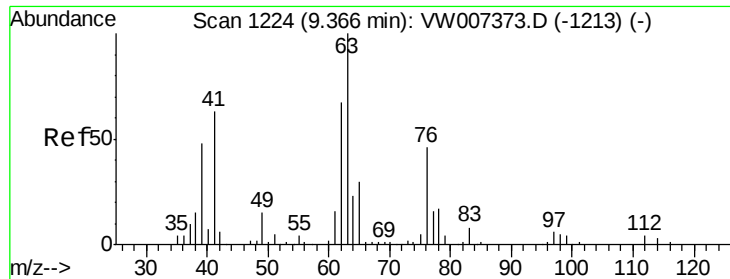
130 100

95 98.8 0.0 193.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 56.708 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

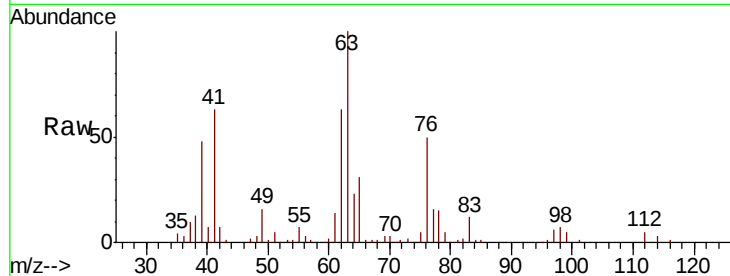
SB-01AMSD

Tot Ion: 63 Resp: 41688

Ion Ratio Lower Upper

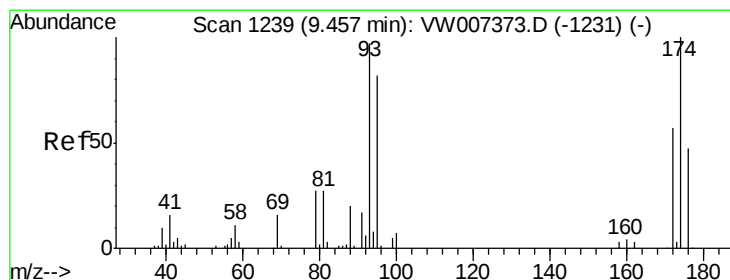
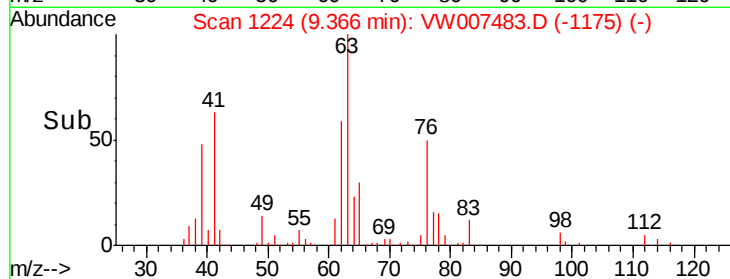
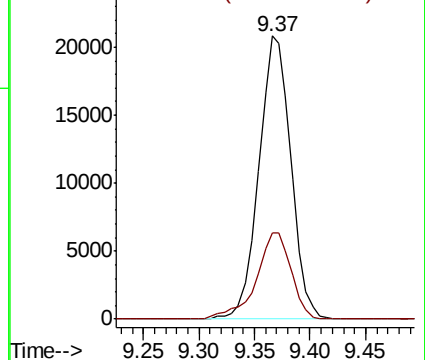
63 100

65 30.6 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 56.459 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

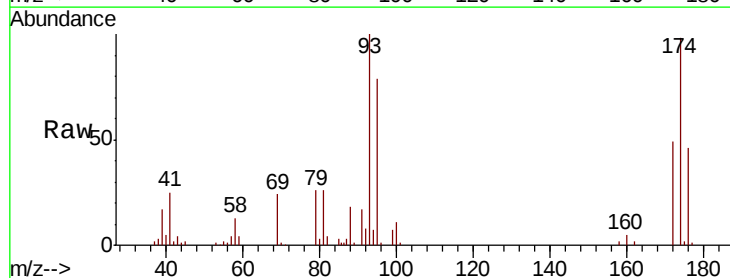
Tgt Ion: 93 Resp: 23570

Ion Ratio Lower Upper

93 100

95 83.2 68.0 102.0

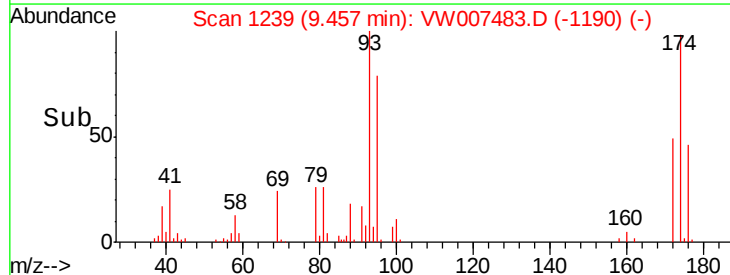
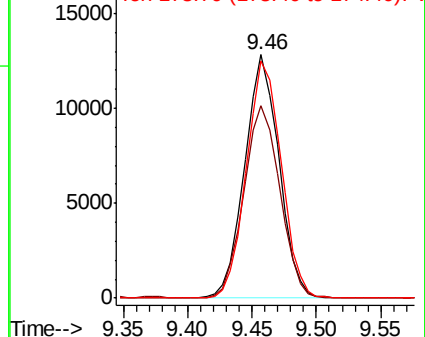
174 99.4 83.2 124.8

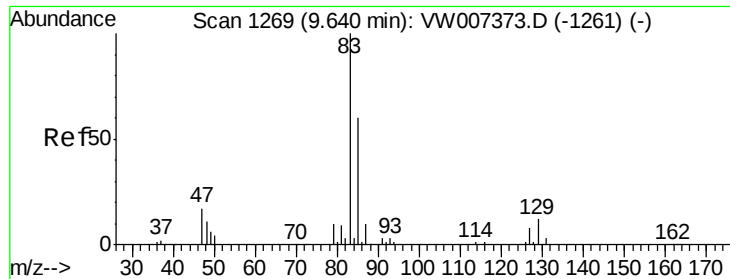


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

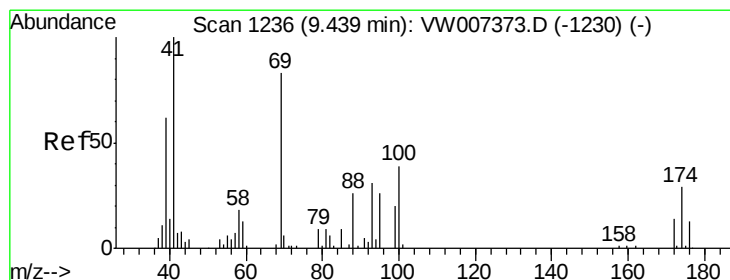
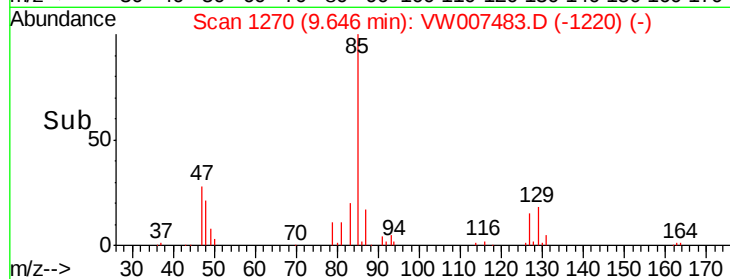
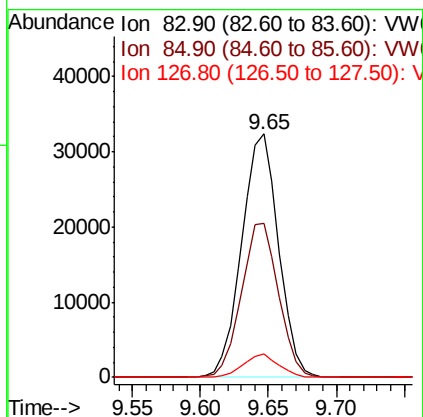
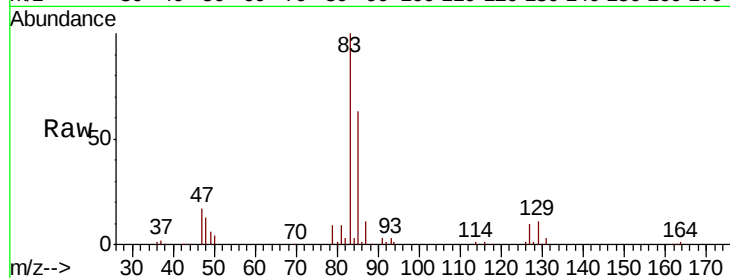




#47
Bromodichloromethane
Concen: 55.865 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

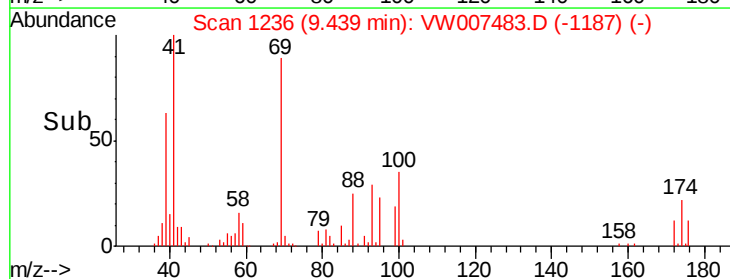
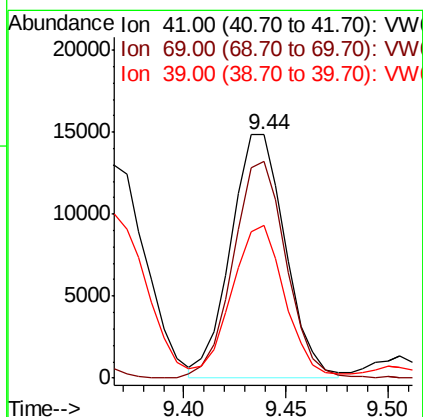
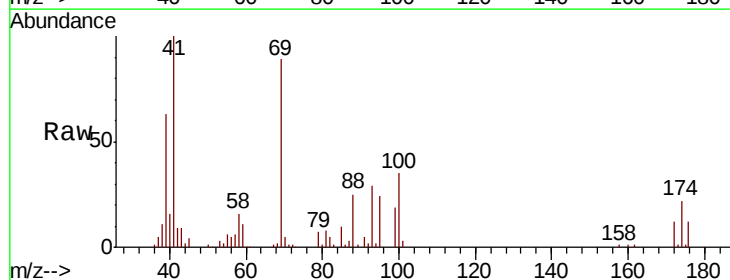
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

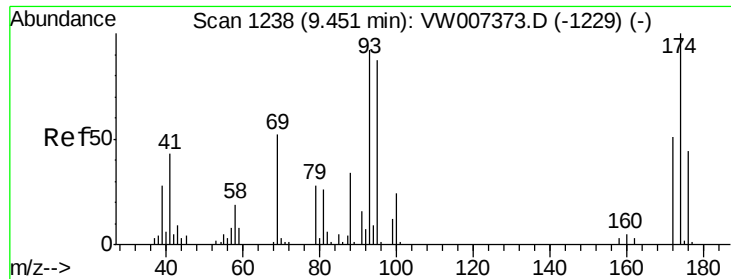
Tot Ion: 83 Resp: 61174
Ion Ratio Lower Upper
83 100
85 63.0 47.6 71.4
127 9.5 6.7 10.1



#48
Methyl methacrylate
Concen: 64.158 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 41 Resp: 27711
Ion Ratio Lower Upper
41 100
69 86.4 69.8 104.8
39 61.7 50.9 76.3



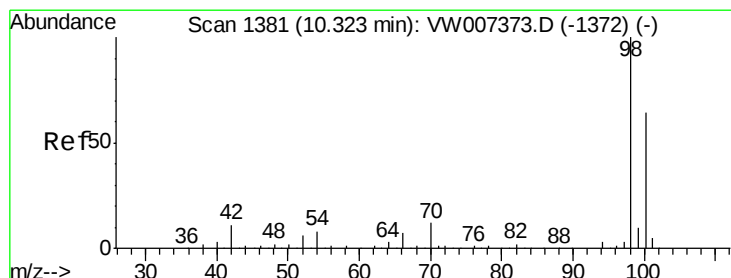
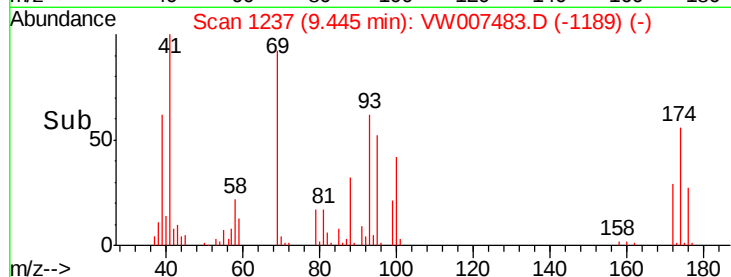
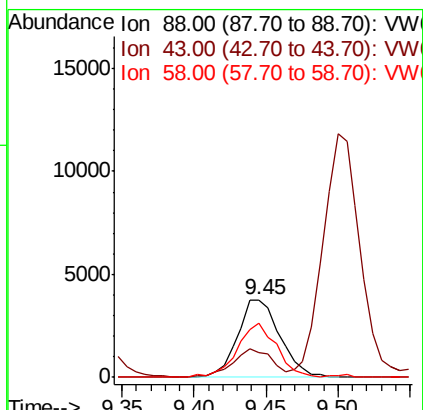
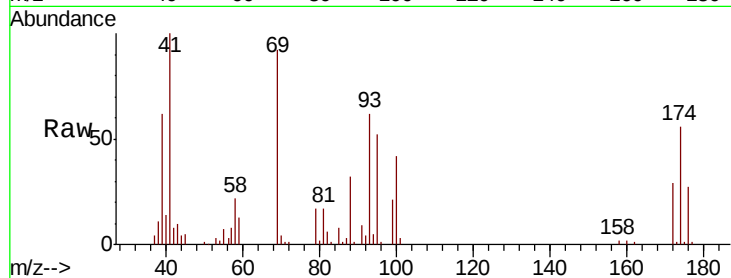


#49
 1,4-Dioxane
 Concen: 1131.275 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion: 88 Resp: 7663

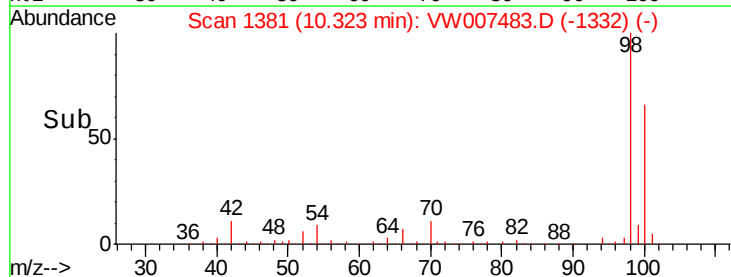
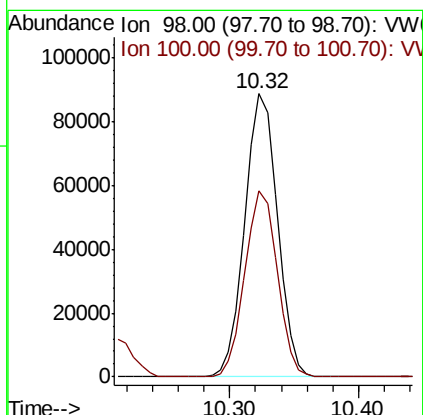
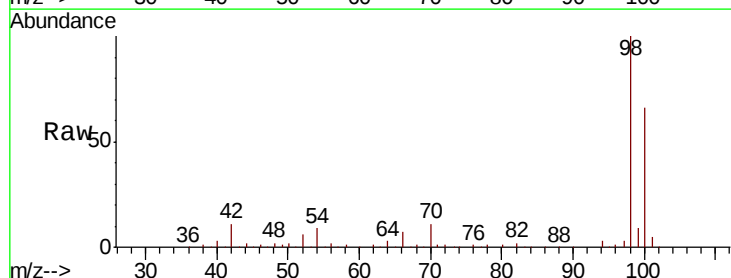
Ion	Ratio	Lower	Upper
88	100		
43	33.6	25.0	37.4
58	64.4	51.4	77.2

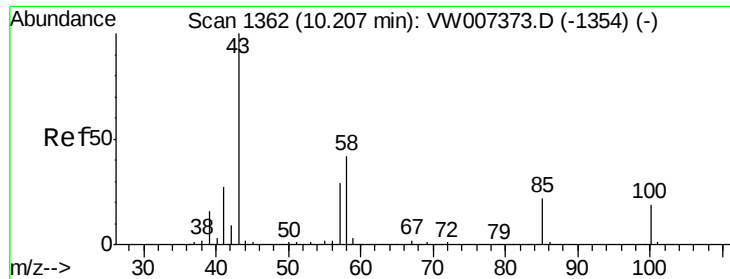


#50
 Toluene-d8
 Concen: 54.714 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion: 98 Resp: 155830

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 287.578 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampled :

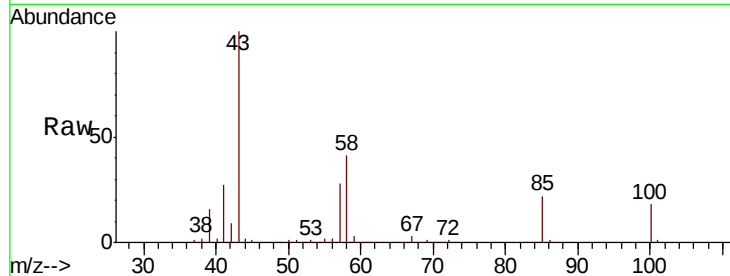
SB-01AMSD

Tot Ion: 43 Resp: 114275

Ion Ratio Lower Upper

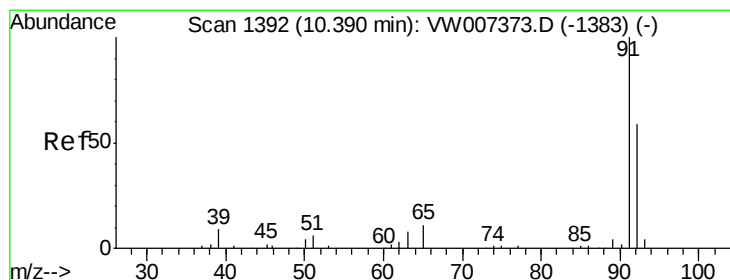
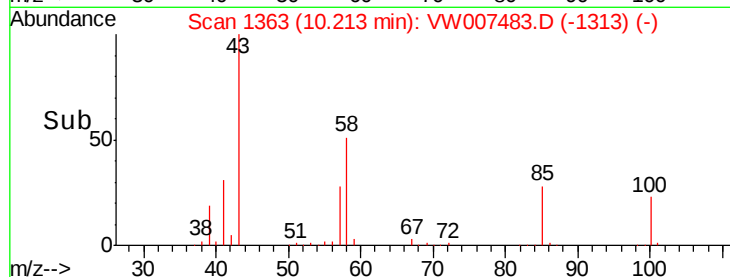
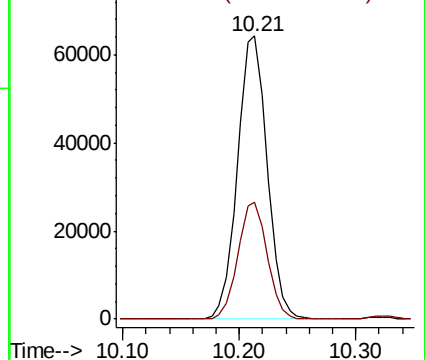
43 100

58 40.9 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: 53.995 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007483.D

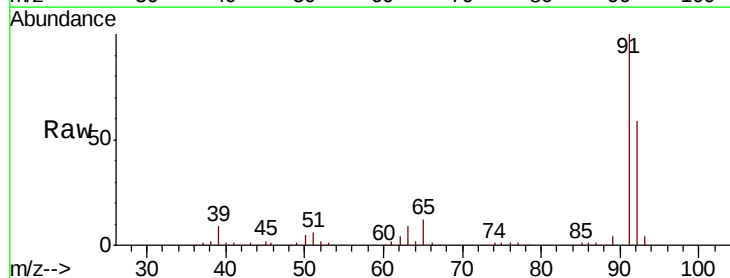
Acq: 13 Dec 2018 13:00

Tgt Ion: 92 Resp: 111004

Ion Ratio Lower Upper

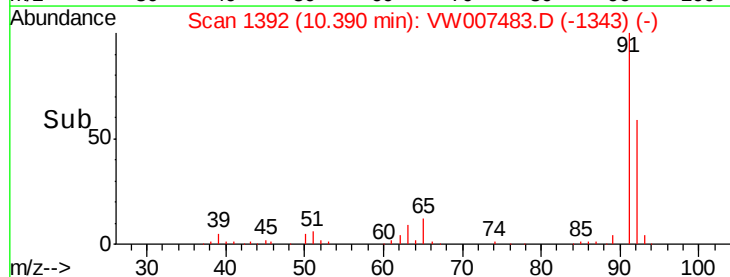
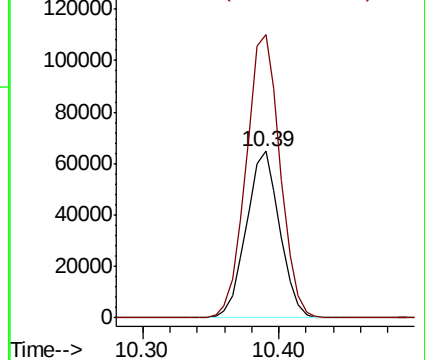
92 100

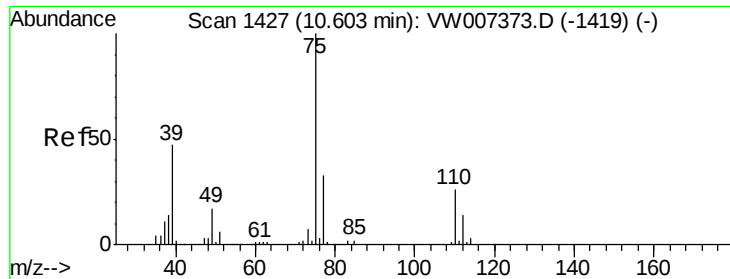
91 173.3 136.2 204.2



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: 54.335 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

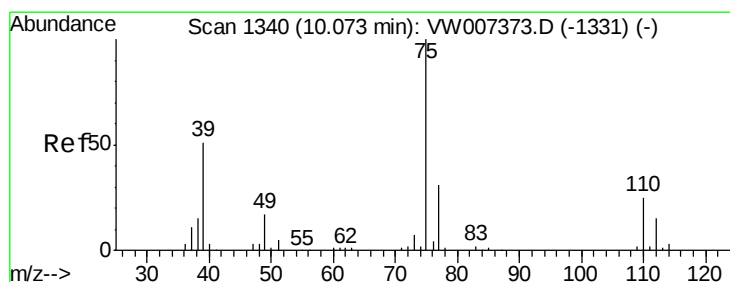
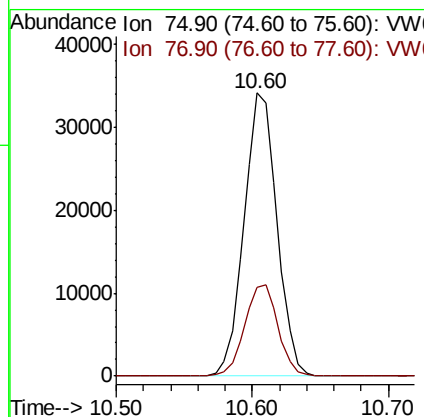
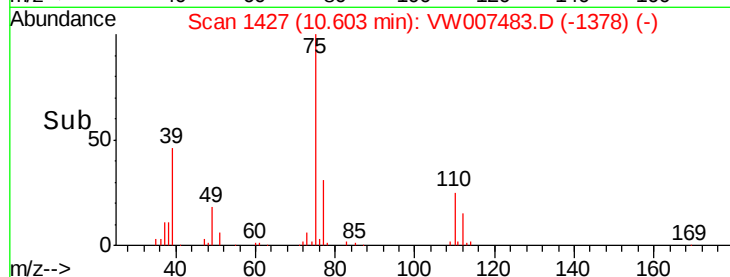
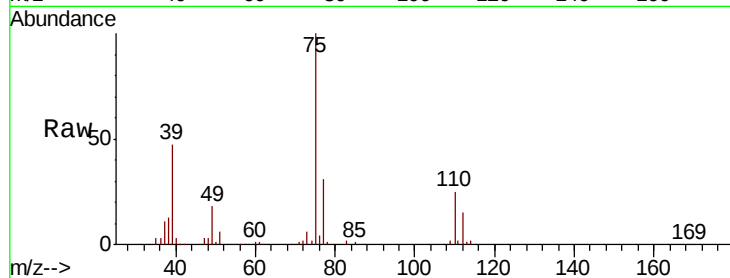
SB-01AMSD

Tot Ion: 75 Resp: 57763

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 53.425 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

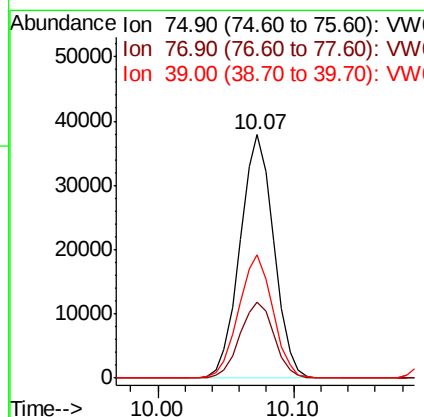
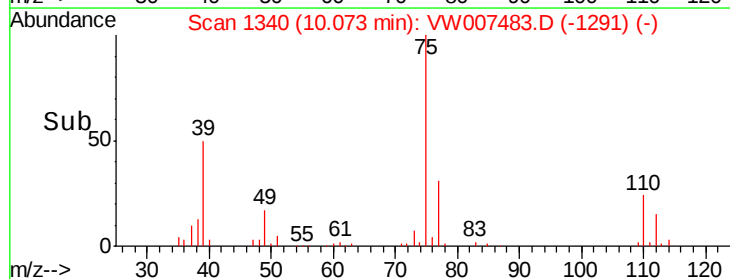
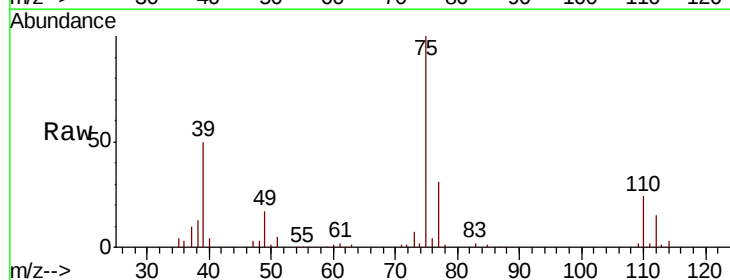
Tgt Ion: 75 Resp: 65657

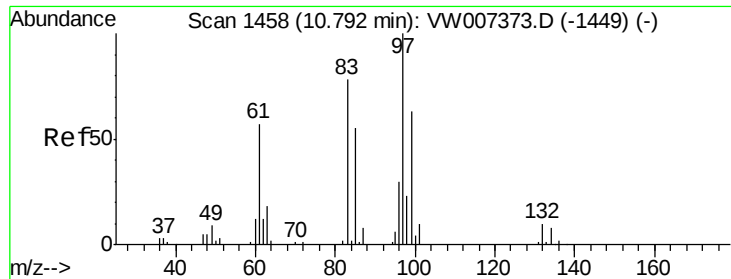
Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 50.4 40.9 61.3

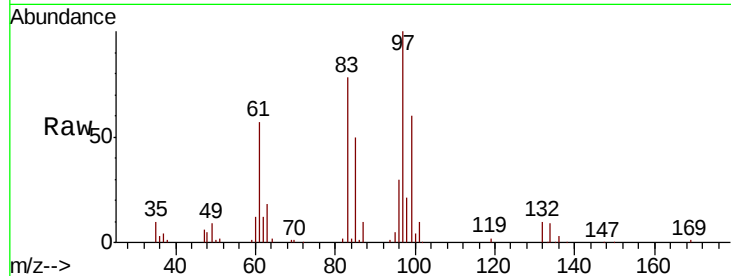




#55
 1,1,2-Trichloroethane
 Concen: 58.807 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion:	97	Resp:	33413
Ion	Ratio	Lower	Upper
97	100		
83	77.8	62.1	93.1
85	50.0	44.2	66.4
99	60.0	50.2	75.4



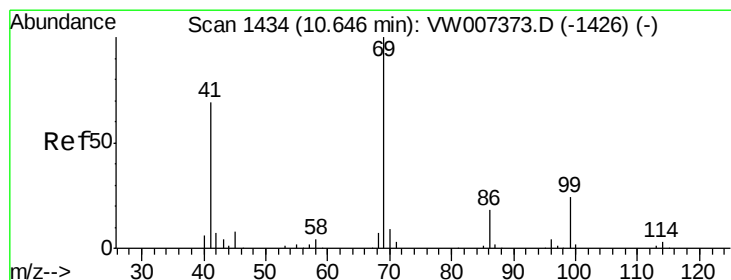
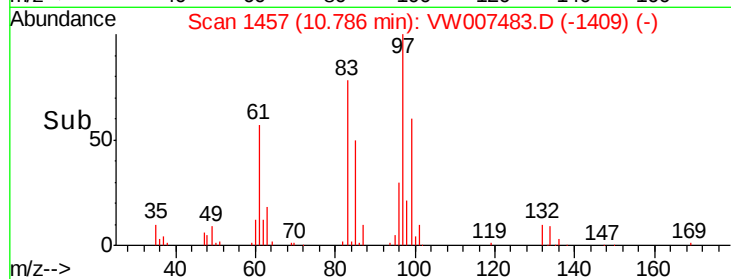
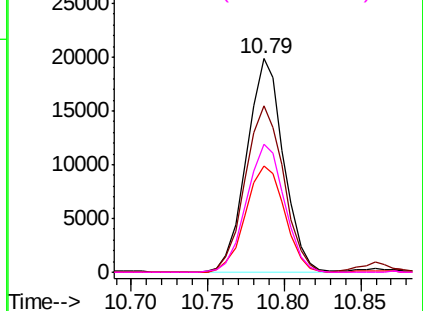
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

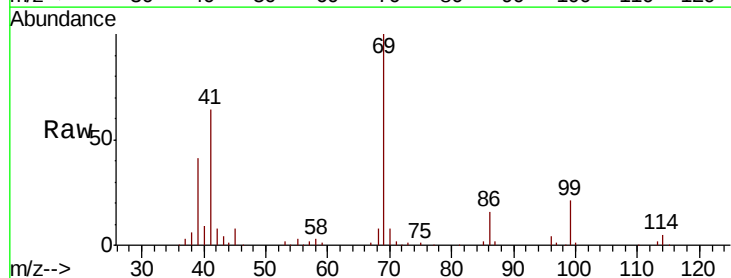
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 49.542 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion:	69	Resp:	33834
Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.0	76.6
39	36.6	30.8	46.2

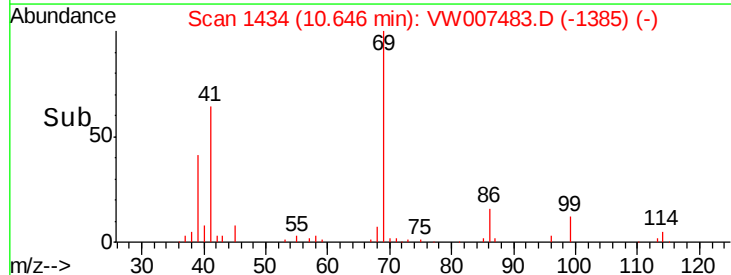
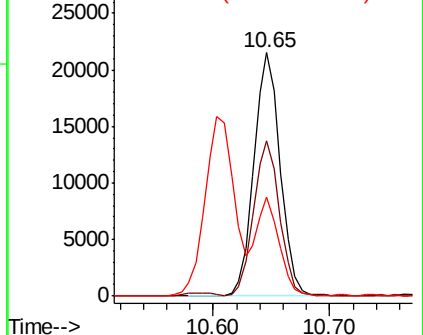


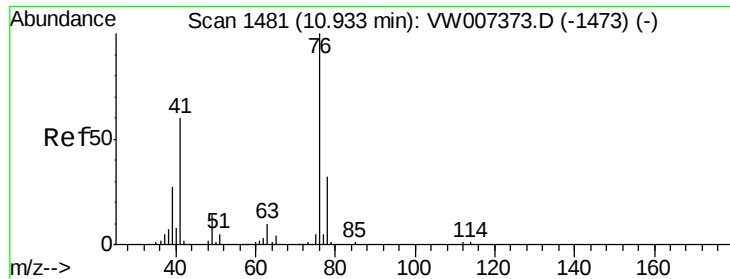
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

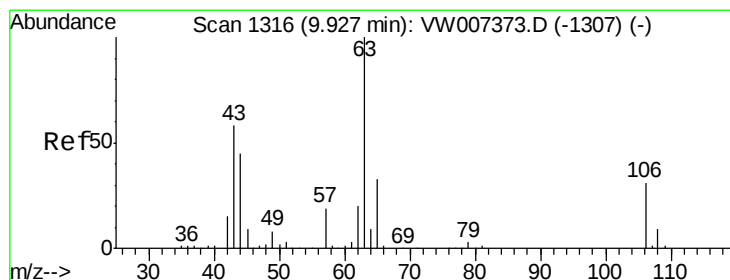
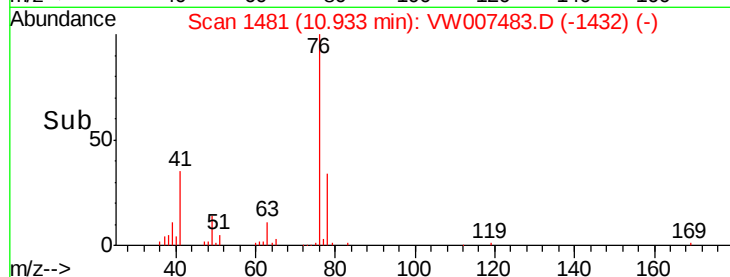
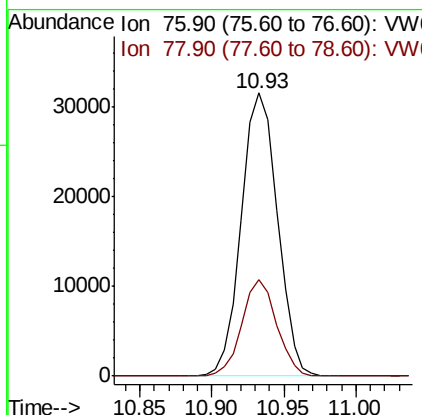
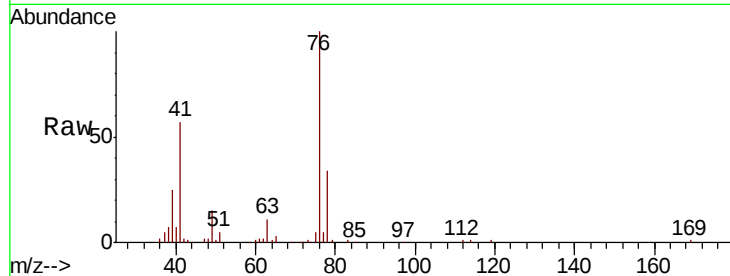




#57
 1,3-Dichloropropane
 Concen: 59.048 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

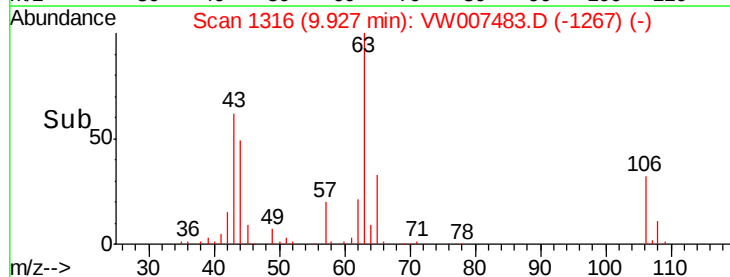
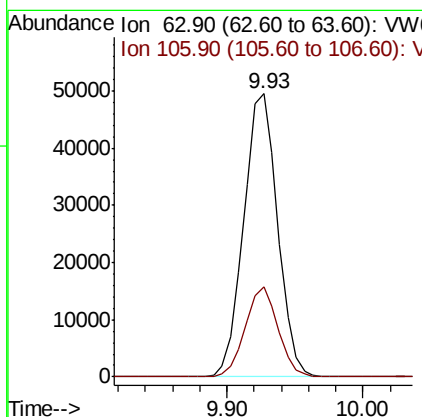
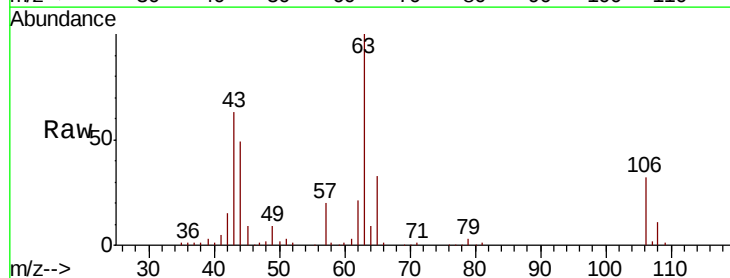
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

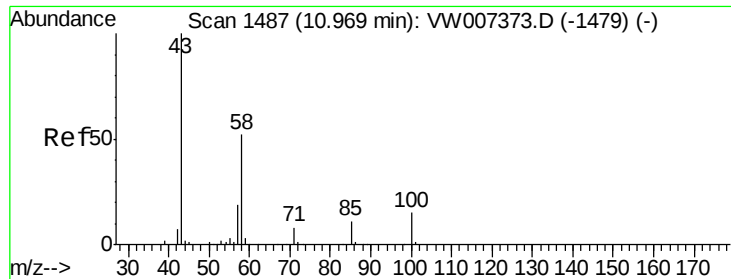
Tot Ion: 76 Resp: 55067
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.389 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion: 63 Resp: 86414
 Ion Ratio Lower Upper
 63 100
 106 30.7 25.0 37.6

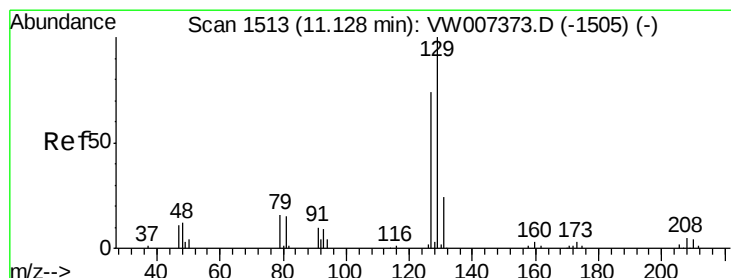
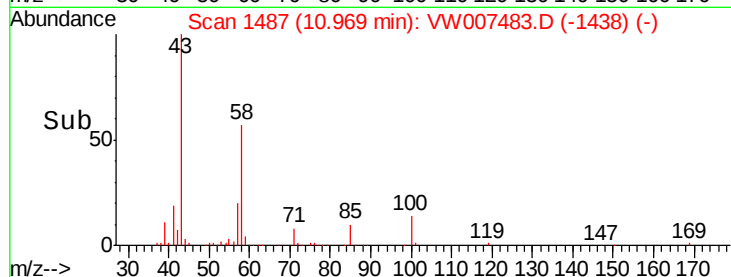
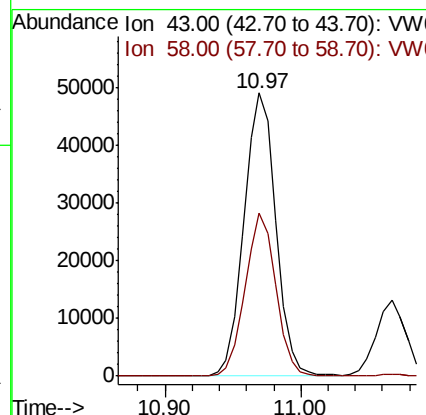
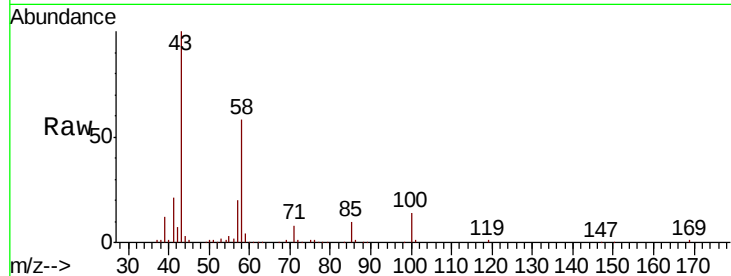




#59
2-Hexanone
Concen: 303.272 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

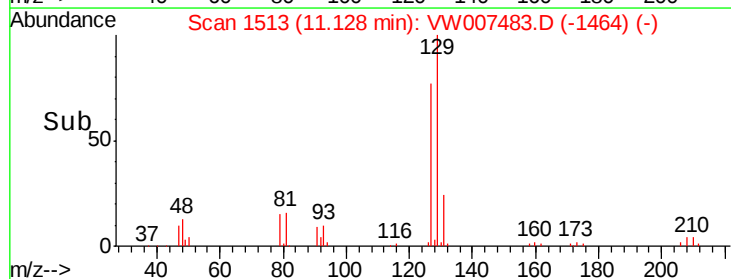
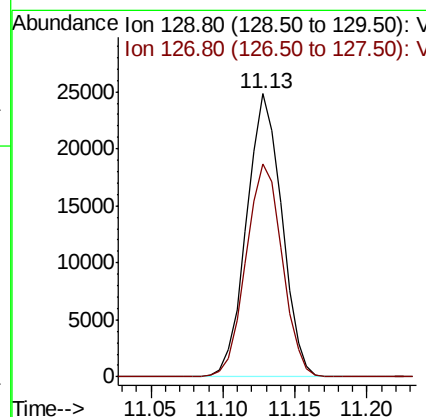
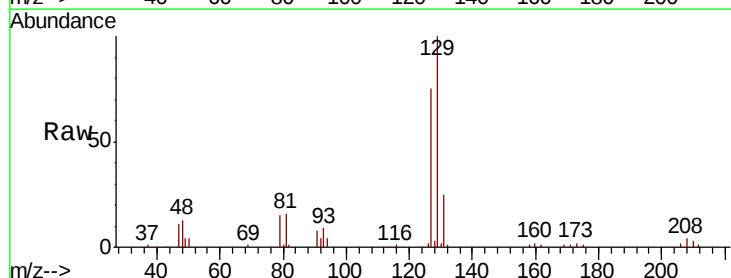
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

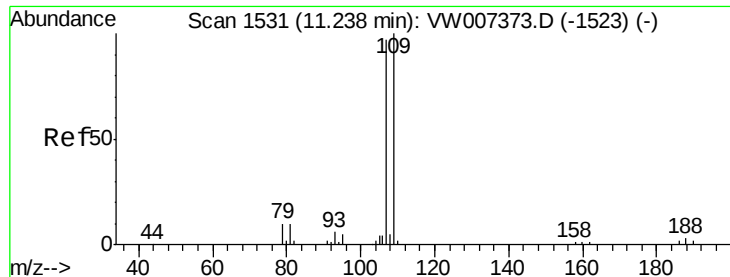
Tot Ion: 43 Resp: 80357
Ion Ratio Lower Upper
43 100
58 55.6 27.1 81.3



#60
Dibromochloromethane
Concen: 58.660 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 129 Resp: 42062
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.3

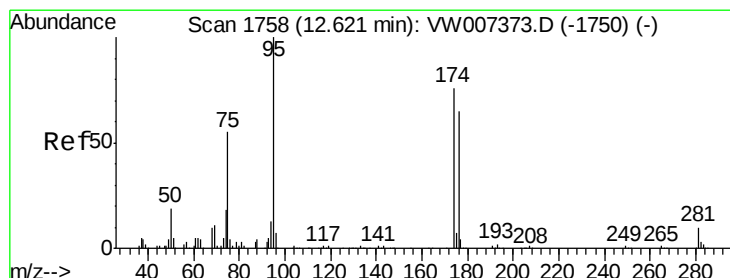
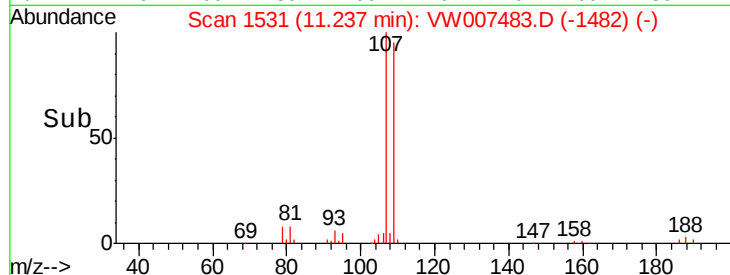
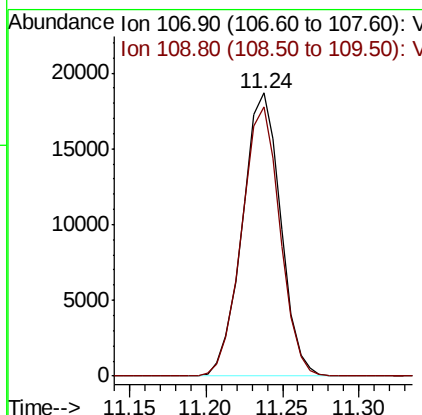
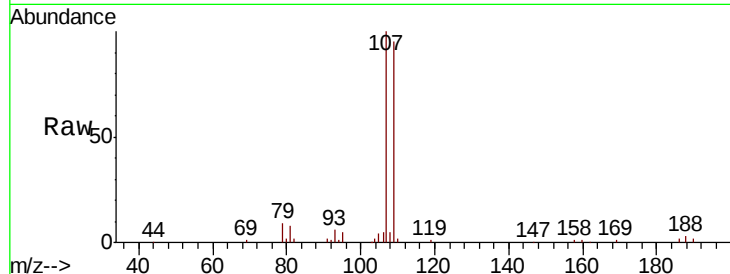




#61
 1,2-Dibromoethane
 Concen: 57.783 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

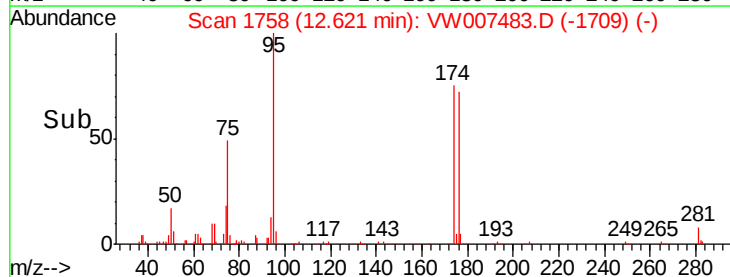
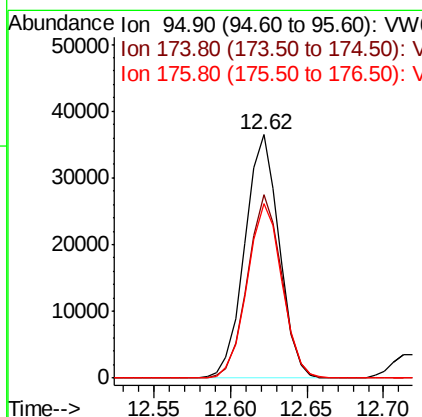
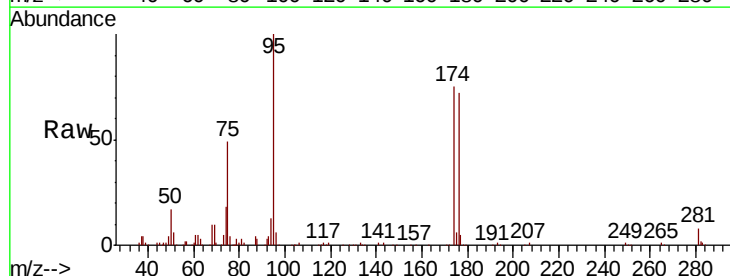
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

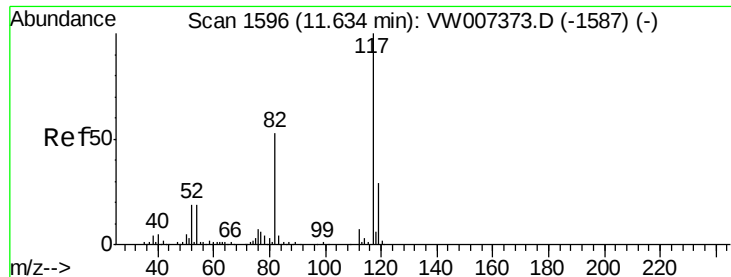
Tot Ion:107 Resp: 32445
 Ion Ratio Lower Upper
 107 100
 109 95.0 79.1 118.7



#62
 4-Bromofluorobenzene
 Concen: 54.468 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion: 95 Resp: 57037
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 147.2
 176 72.6 0.0 138.8

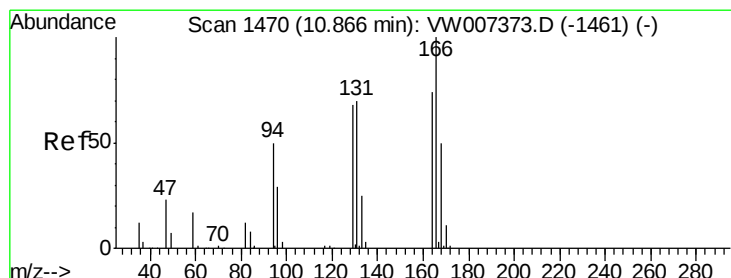
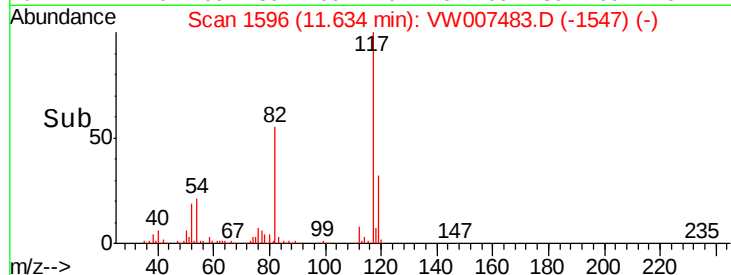
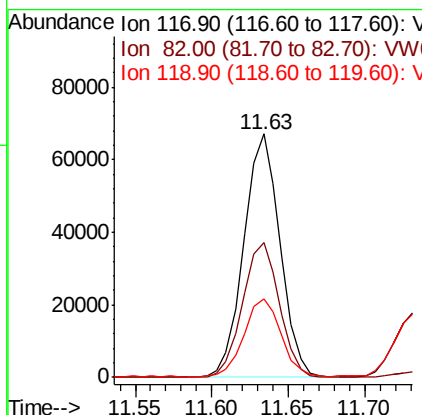
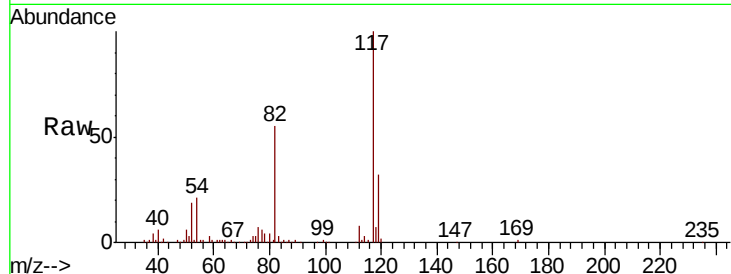




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

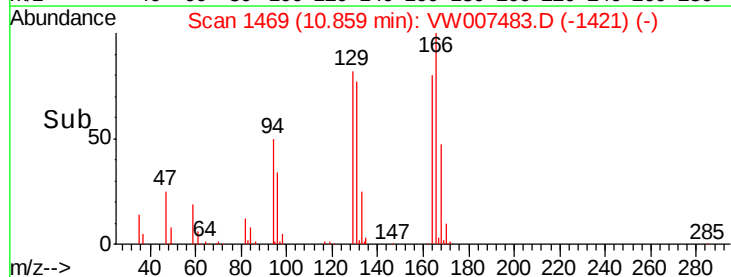
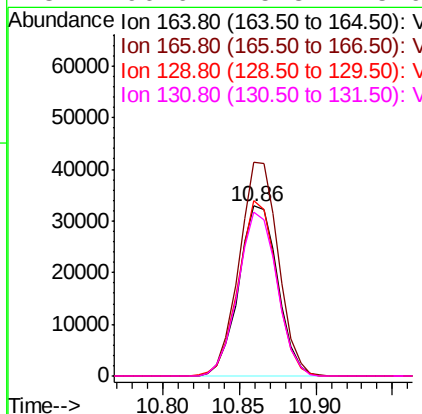
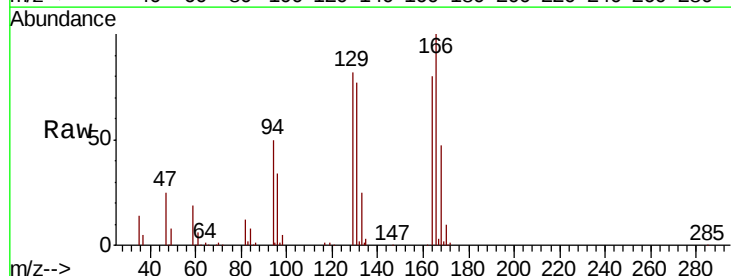
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

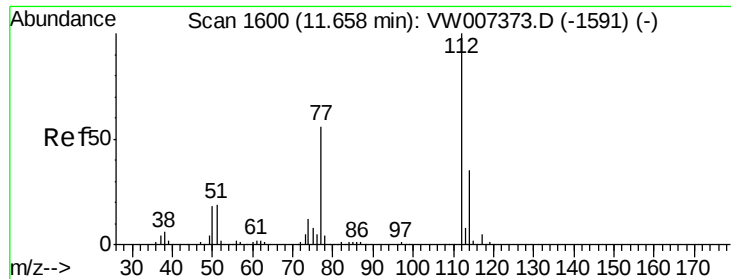
Tot Ion:117 Resp: 110466
Ion Ratio Lower Upper
117 100
82 55.3 42.3 63.5
119 31.7 23.0 34.6



#64
Tetrachloroethene
Concen: 73.328 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion:164 Resp: 58251
Ion Ratio Lower Upper
164 100
166 125.8 107.9 161.9
129 103.0 73.4 110.2
131 96.6 75.8 113.6

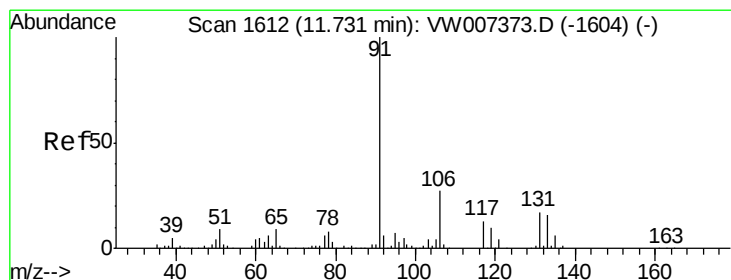
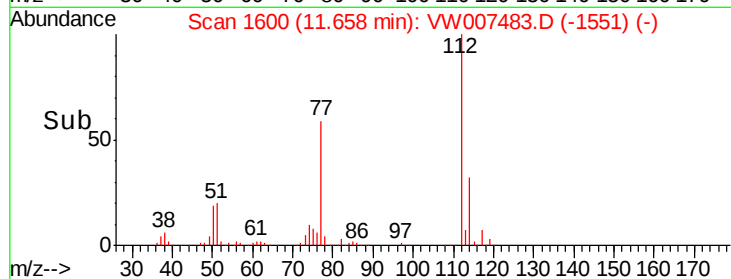
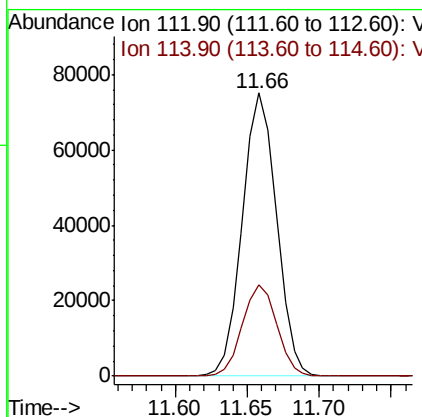
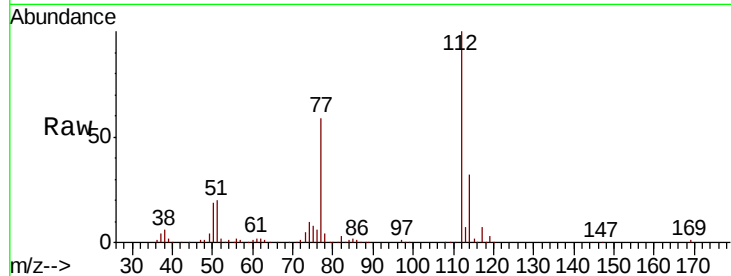




#65
Chlorobenzene
Concen: 53.795 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

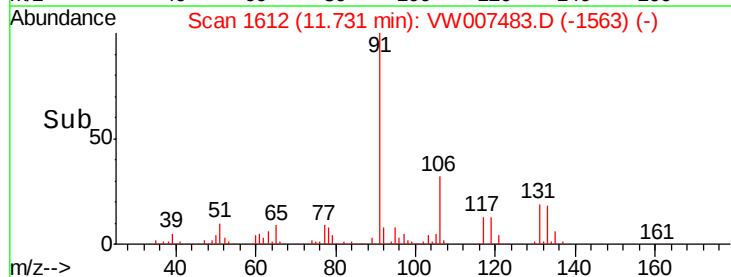
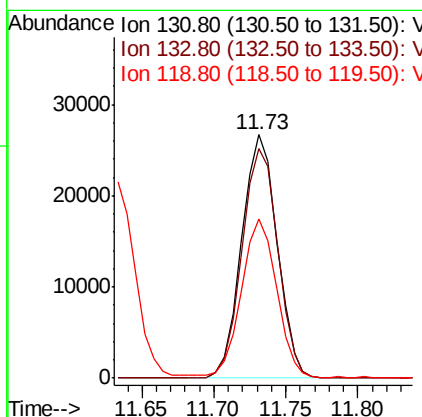
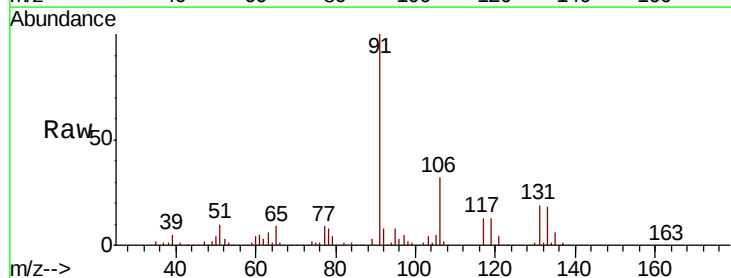
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

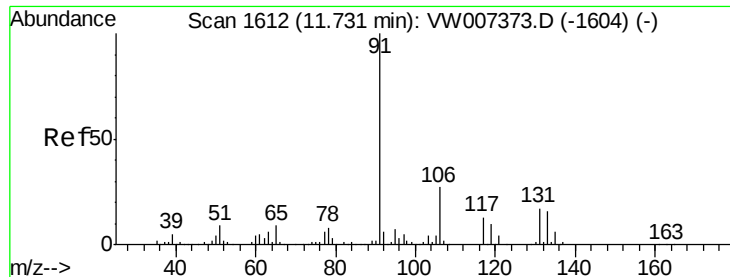
Tot Ion:112 Resp: 123860
Ion Ratio Lower Upper
112 100
114 32.3 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 56.068 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion:131 Resp: 45467
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 64.9 31.3 93.9

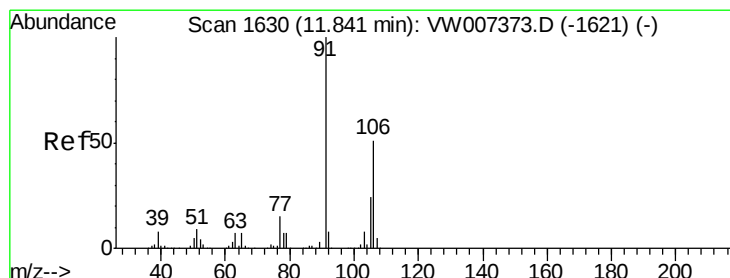
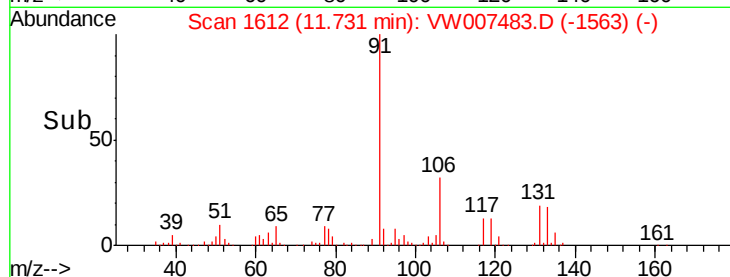
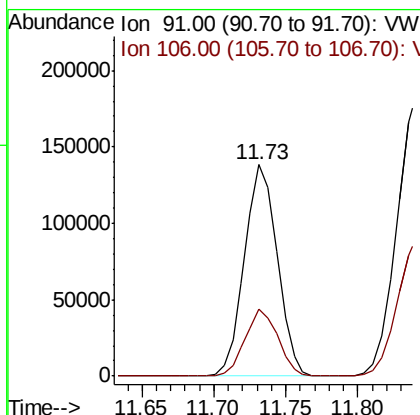
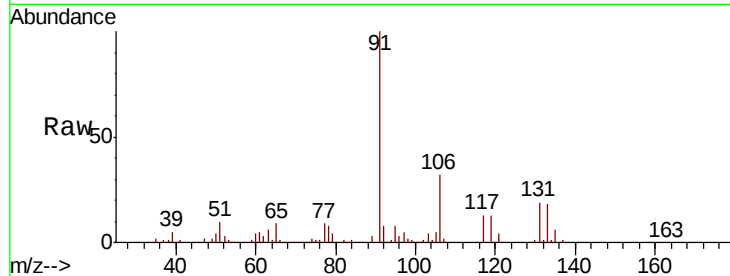




#67
Ethyl Benzene
Concen: 55.239 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

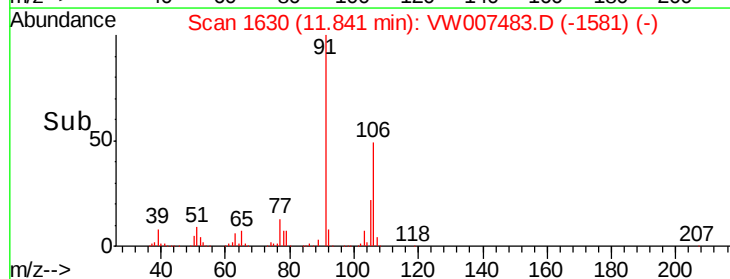
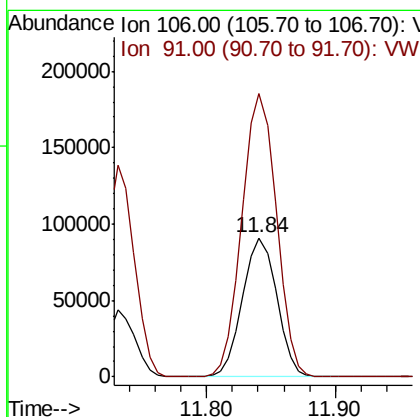
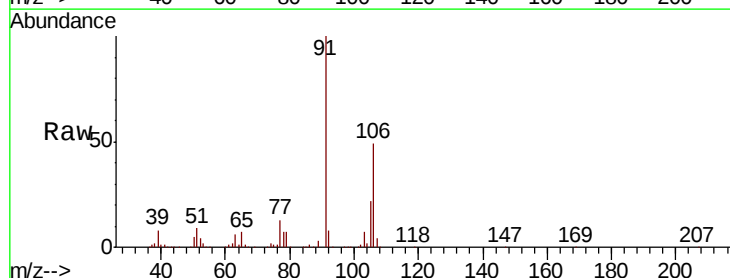
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

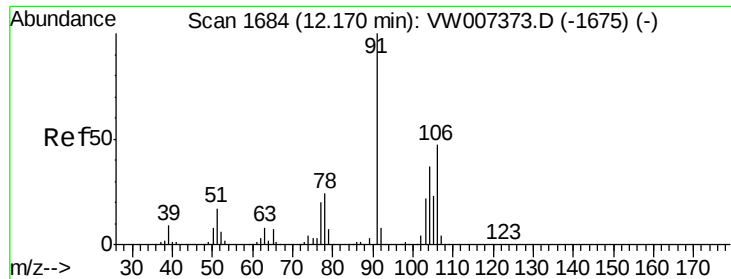
Tot Ion: 91 Resp: 218667
Ion Ratio Lower Upper
91 100
106 31.5 21.8 32.8



#68
m/p-Xylenes
Concen: 109.220 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 106 Resp: 168081
Ion Ratio Lower Upper
106 100
91 205.0 165.3 247.9

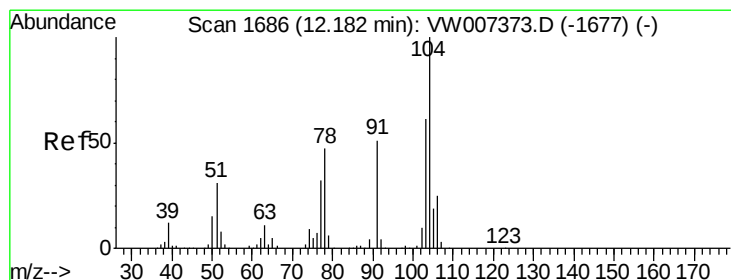
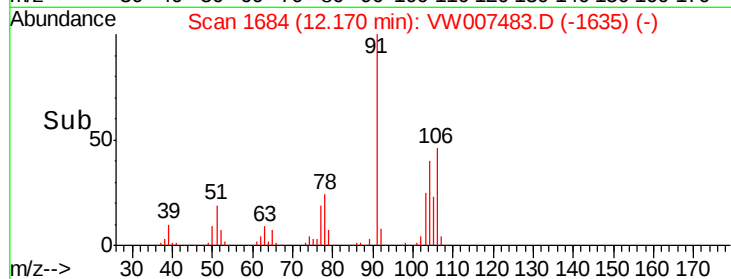
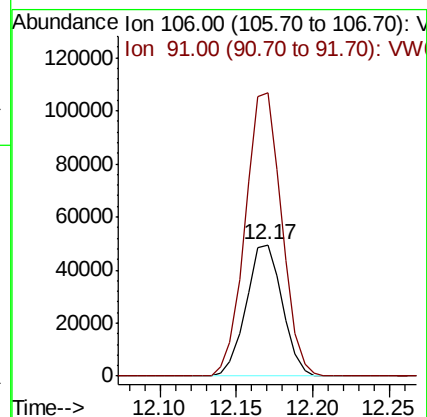
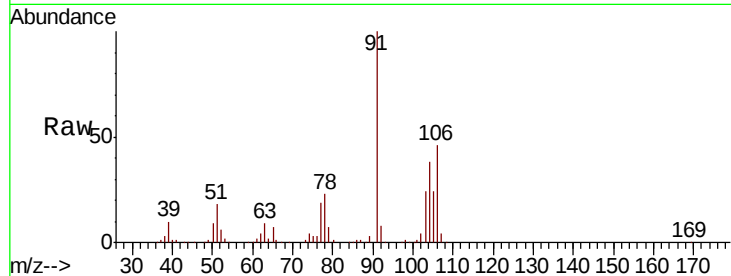




#69
o-Xylene
Concen: 56.642 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

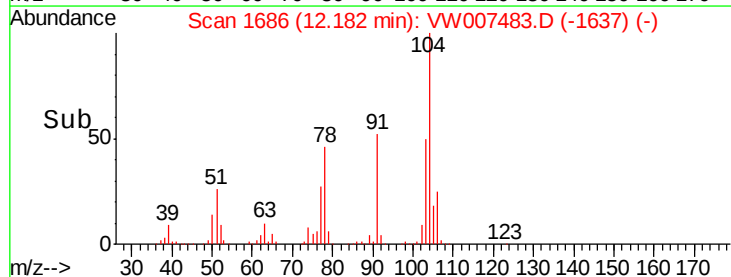
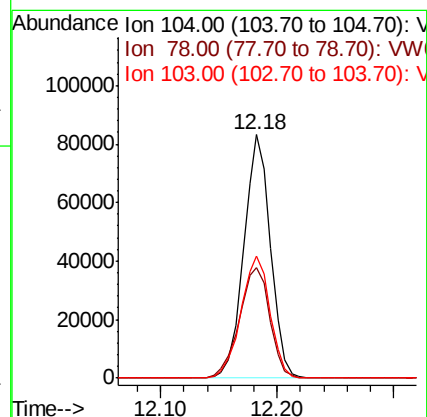
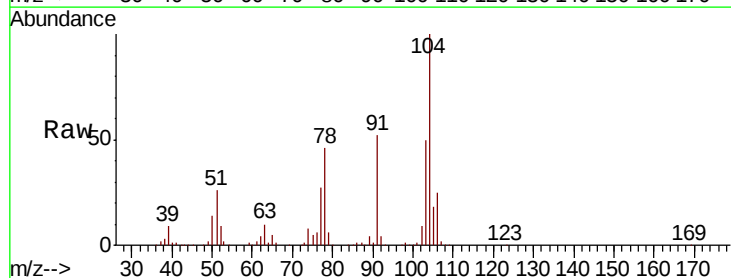
Instrument :
MSVOA_W
ClientSampled :
SB-01AMSD

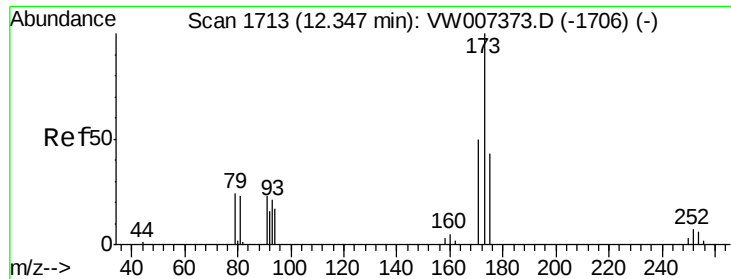
Tot Ion:106 Resp: 81409
Ion Ratio Lower Upper
106 100
91 216.6 106.6 319.8



#70
Styrene
Concen: 56.752 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion:104 Resp: 131748
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 55.0 46.6 69.8

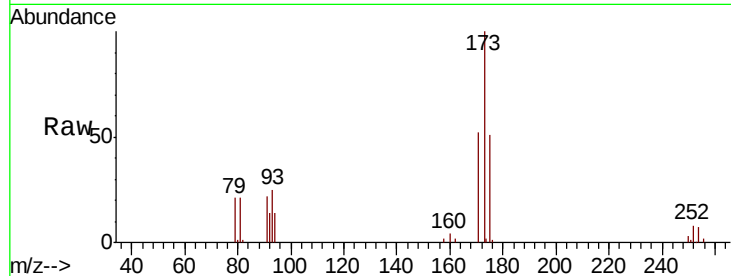




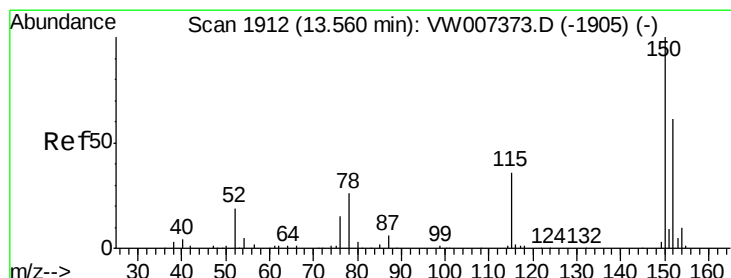
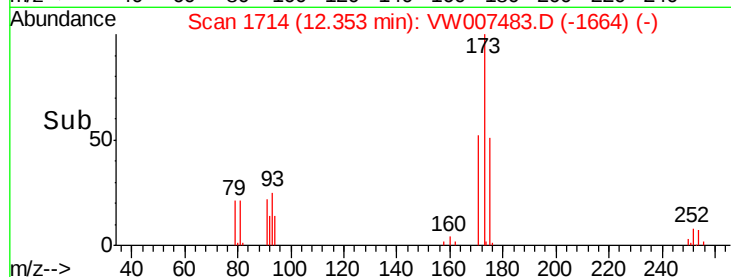
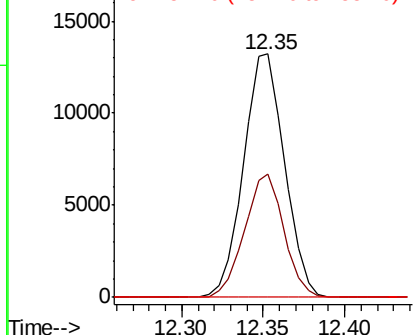
#71
Bromoform
Concen: 55.601 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

Tot Ion:173 Resp: 23078
Ion Ratio Lower Upper
173 100
175 48.7 23.6 70.8
254 0.0 0.0 0.0

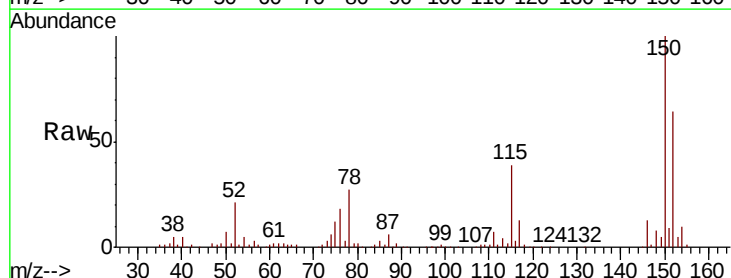


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

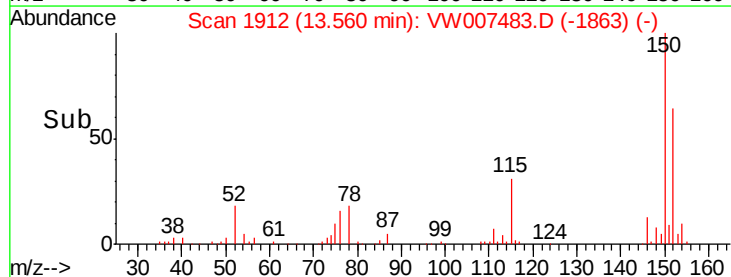
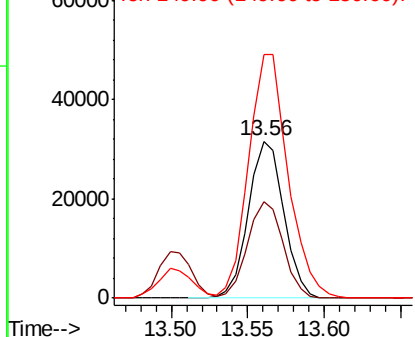


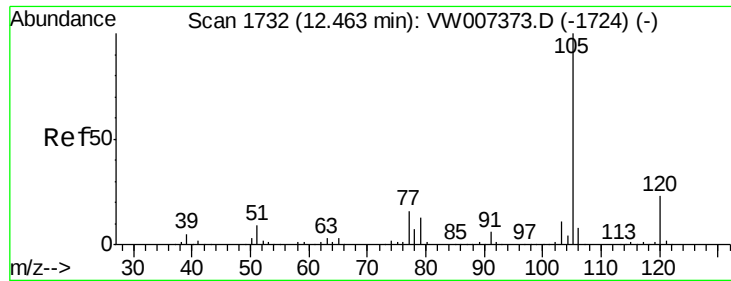
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion:152 Resp: 50932
Ion Ratio Lower Upper
152 100
115 61.4 31.4 94.2
150 173.1 0.0 358.4



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





#73

Isopropylbenzene

Concen: 56.037 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

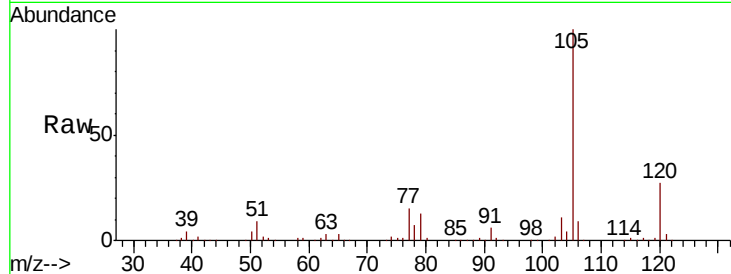
SB-01AMSD

Tot Ion:105 Resp: 218691

Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

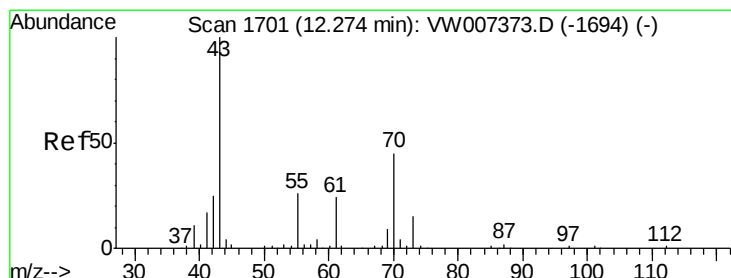
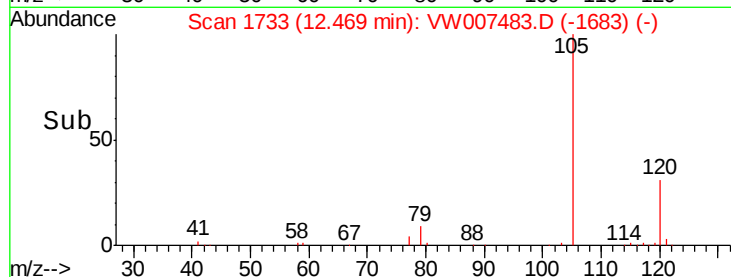
0

12.47

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 24.851 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Tgt Ion: 43 Resp: 17626

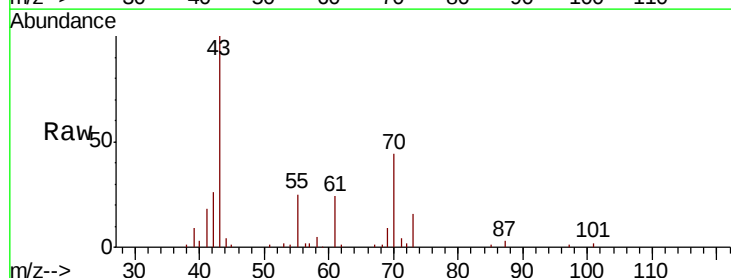
Ion Ratio Lower Upper

43 100

70 46.8 36.5 54.7

55 26.4 20.1 30.1

61 25.4 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

15000

10000

5000

0

12.27

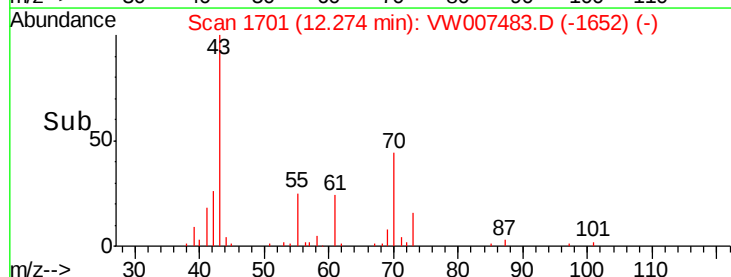
12.20

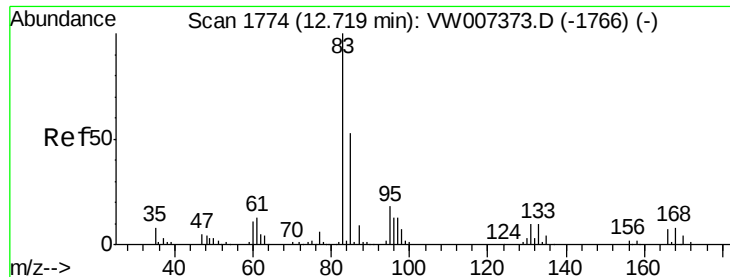
12.25

12.30

12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 60.636 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMSD

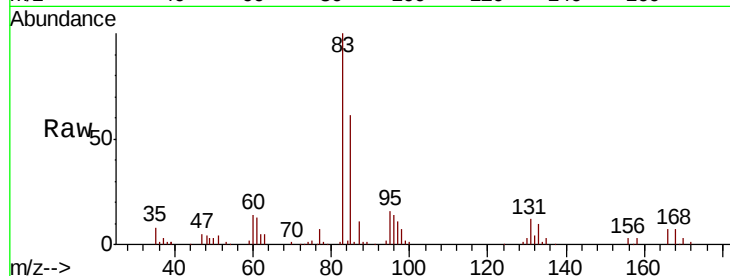
Tot Ion: 83 Resp: 35049

Ion Ratio Lower Upper

83 100

131 12.0 5.9 17.8

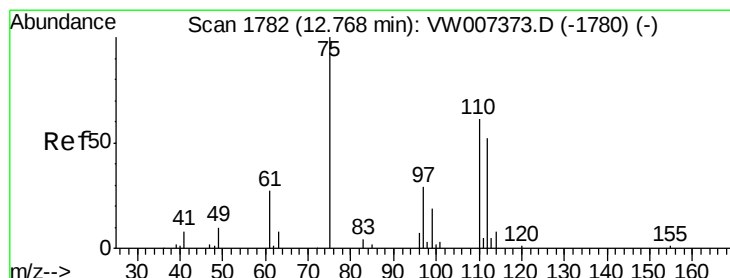
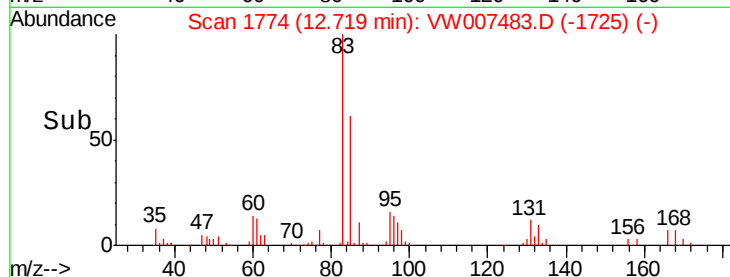
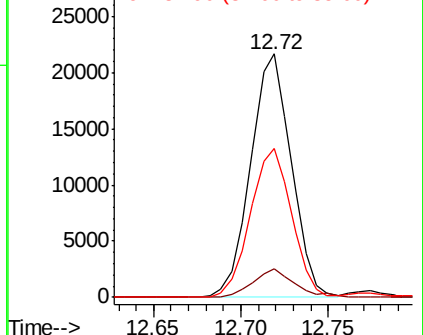
85 62.2 30.0 90.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 113.526 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW007483.D

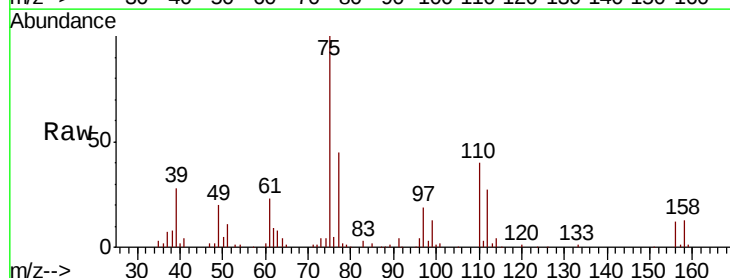
Acq: 13 Dec 2018 13:00

Tgt Ion: 75 Resp: 47675

Ion Ratio Lower Upper

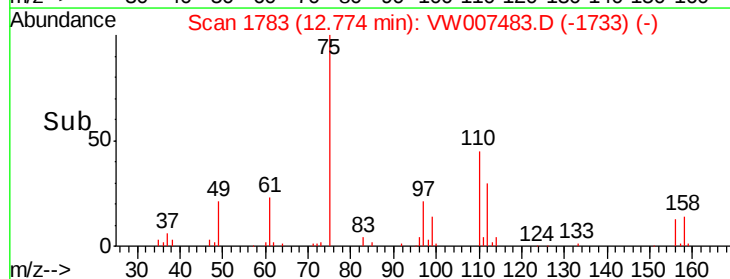
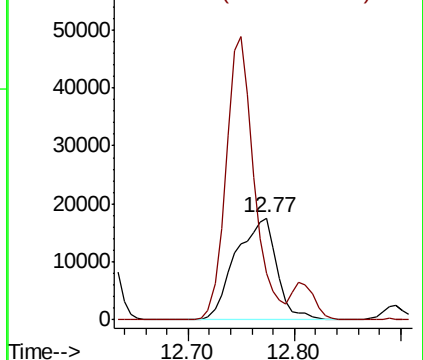
75 100

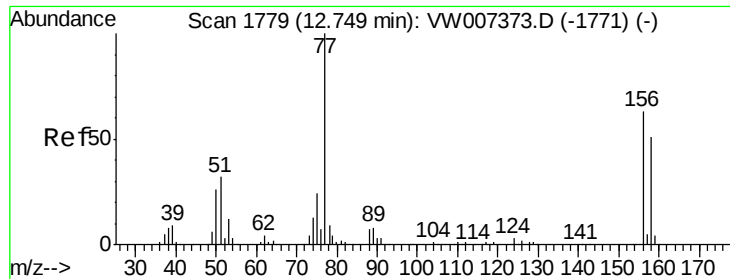
77 0.0 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 57.198 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMSD

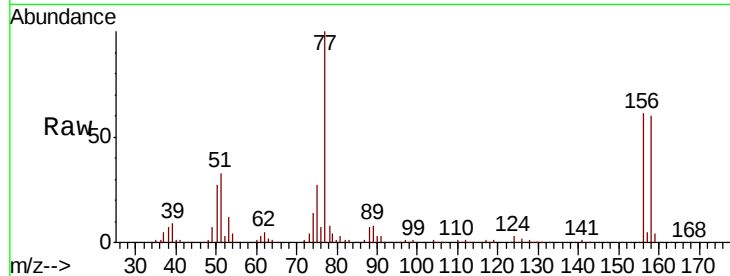
Tot Ion:156 Resp: 49479

Ion Ratio Lower Upper

156 100

77 183.2 88.1 264.4

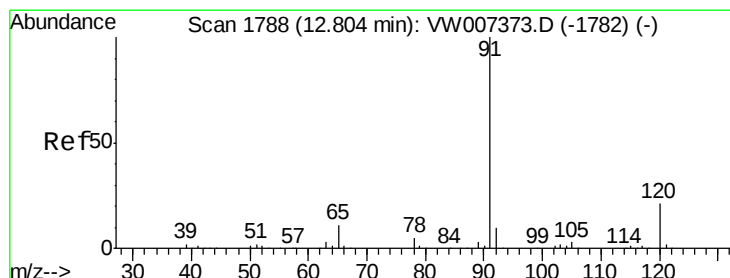
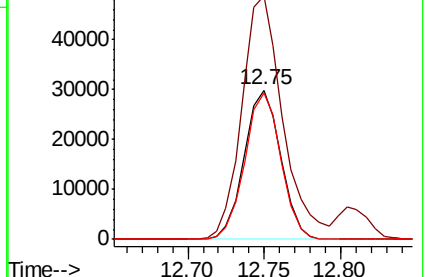
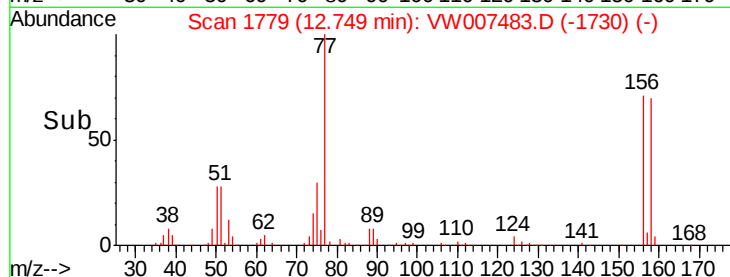
158 96.8 45.6 136.7



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: 56.285 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW007483.D

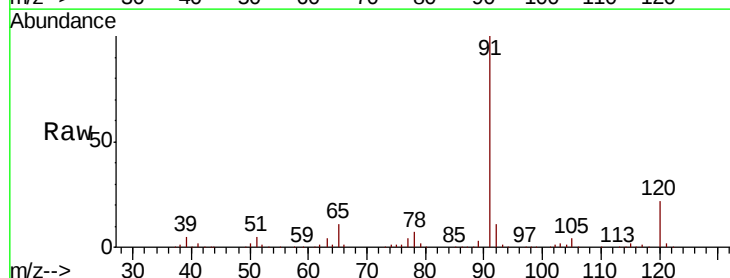
Acq: 13 Dec 2018 13:00

Tgt Ion: 91 Resp: 247204

Ion Ratio Lower Upper

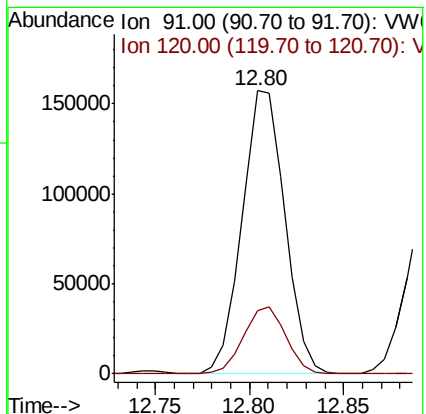
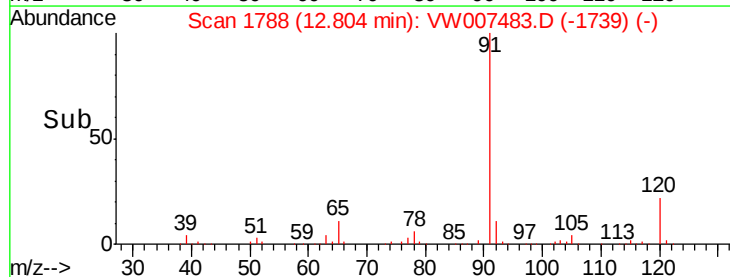
91 100

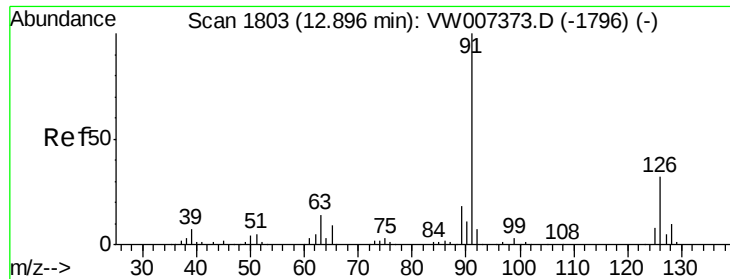
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.530 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

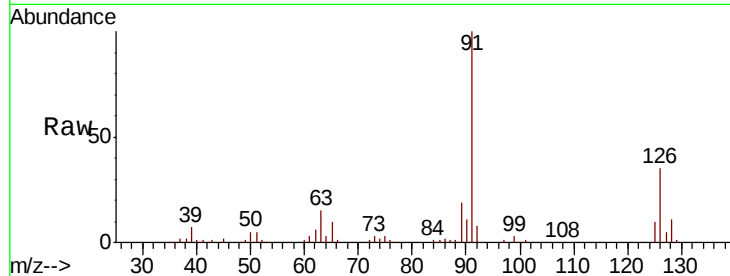
SB-01AMSD

Tot Ion: 91 Resp: 147572

Ion Ratio Lower Upper

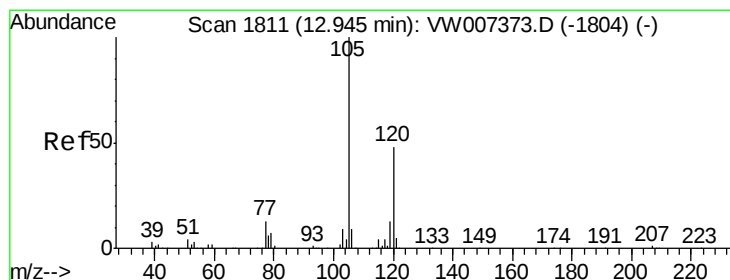
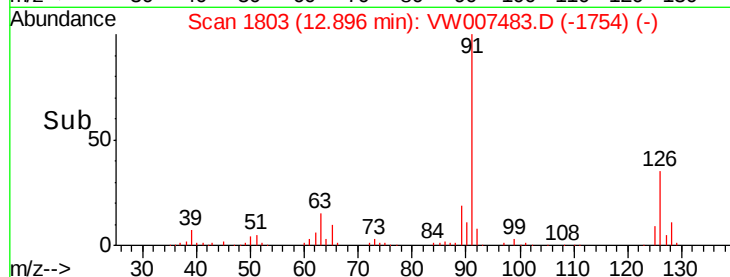
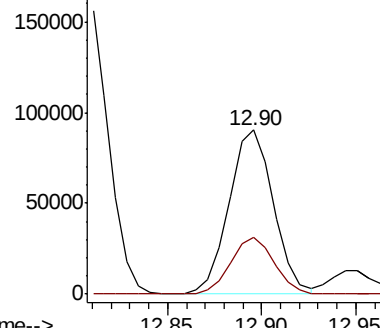
91 100

126 34.0 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 56.106 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007483.D

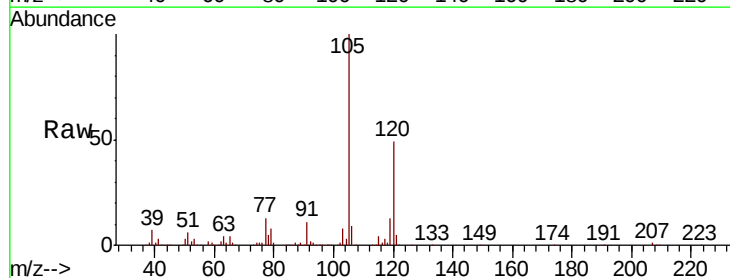
Acq: 13 Dec 2018 13:00

Tgt Ion:105 Resp: 183981

Ion Ratio Lower Upper

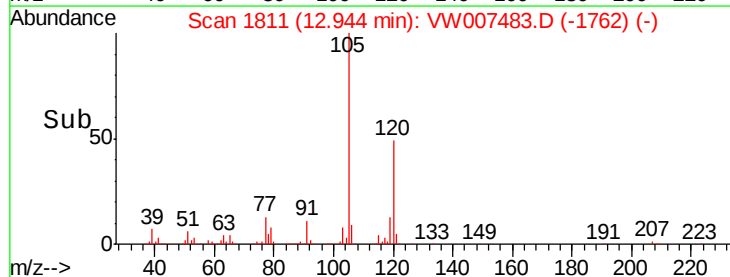
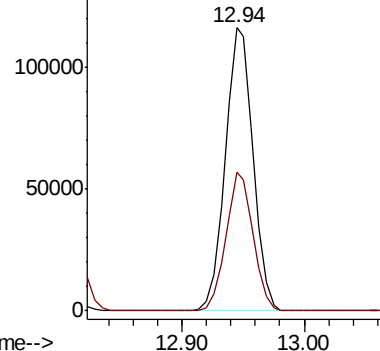
105 100

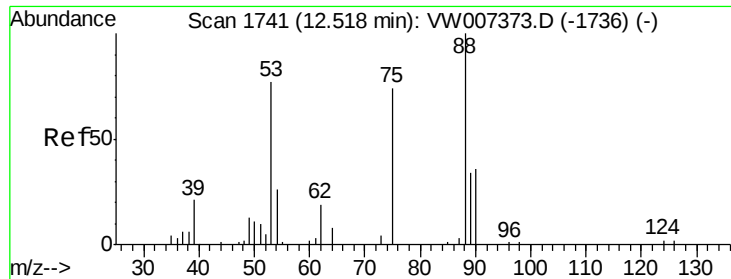
120 47.7 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

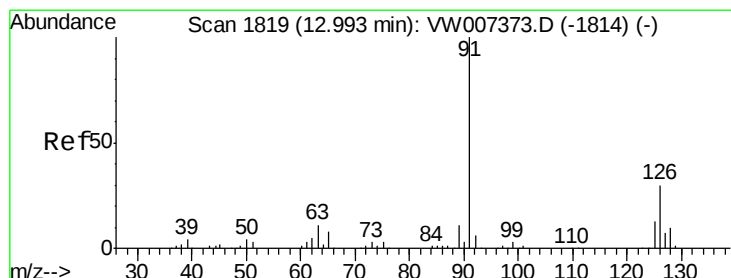
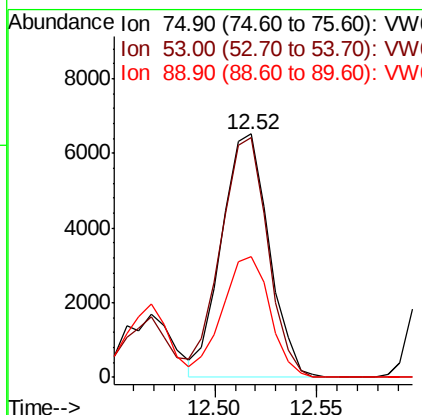
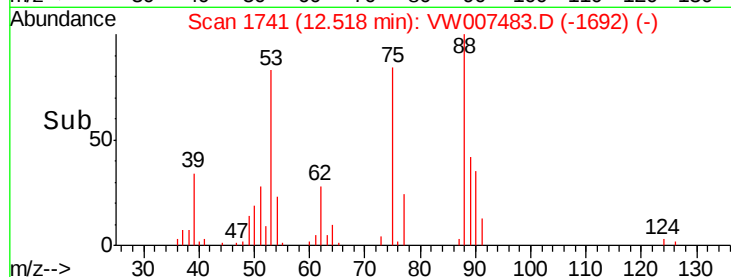
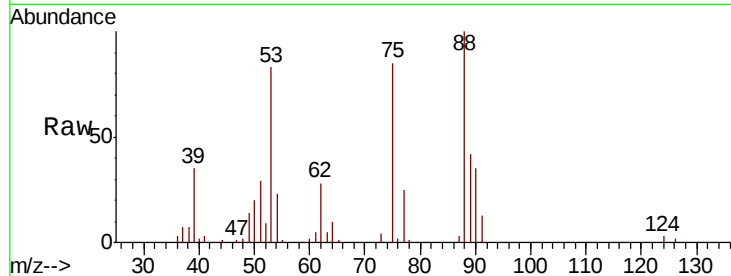




#81
trans-1,4-Dichloro-2-butene
Concen: 55.074 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

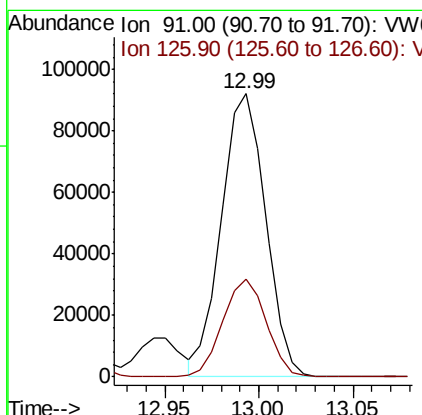
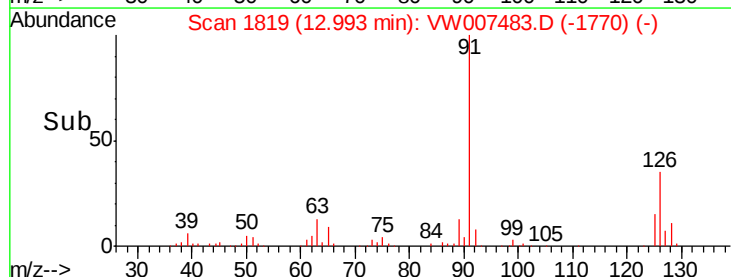
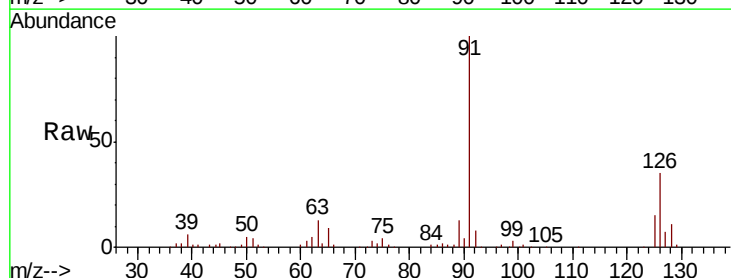
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

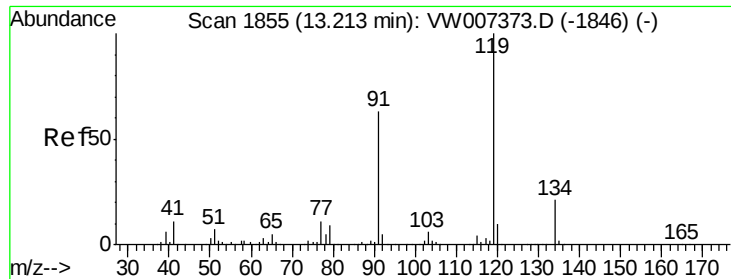
Tot Ion: 75 Resp: 10470
Ion Ratio Lower Upper
75 100
53 97.7 84.9 127.3
89 50.1 40.3 60.5



#82
4-Chlorotoluene
Concen: 53.588 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 91 Resp: 150116
Ion Ratio Lower Upper
91 100
126 34.0 16.0 48.0

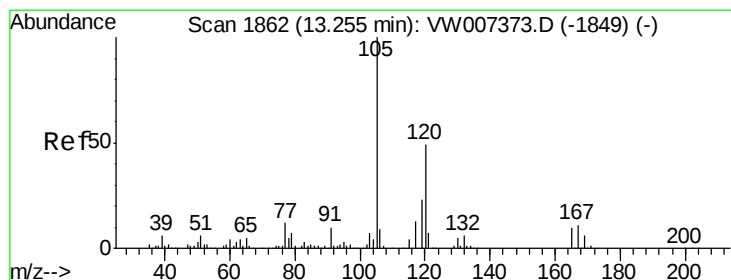
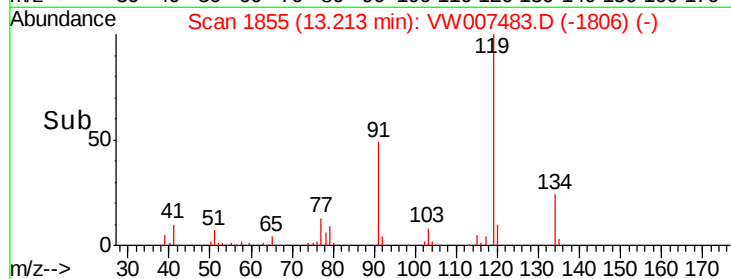
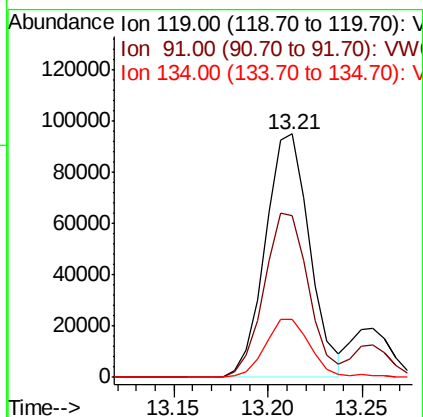
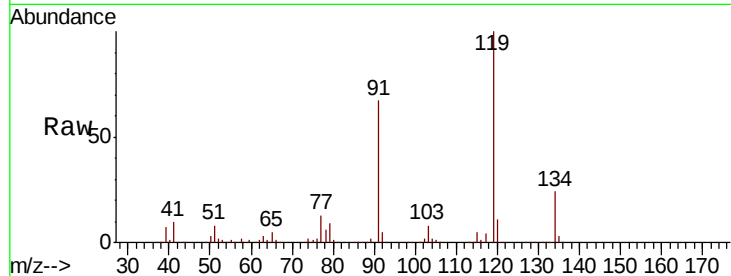




#83
tert-Butylbenzene
Concen: 53.971 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

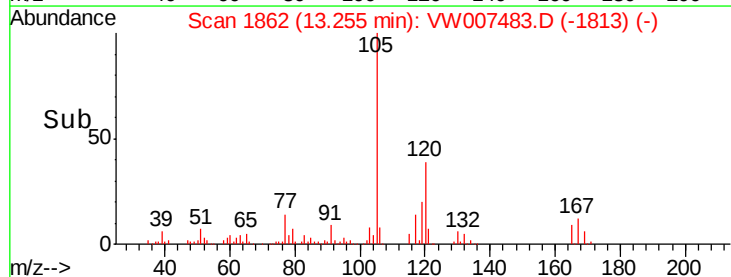
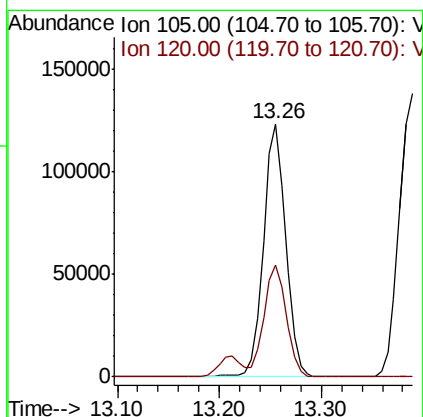
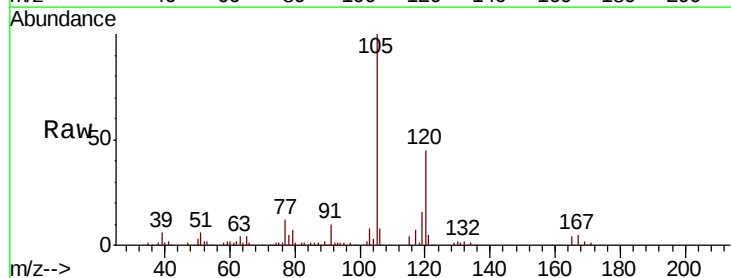
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

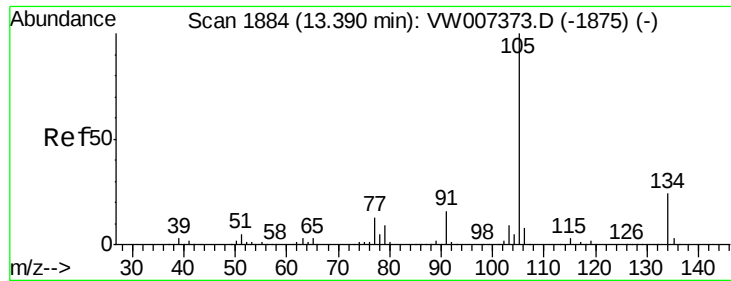
Tot Ion:119 Resp: 155942
Ion Ratio Lower Upper
119 100
91 67.7 33.1 99.2
134 24.5 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 55.425 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion:105 Resp: 187026
Ion Ratio Lower Upper
105 100
120 44.9 22.6 67.7

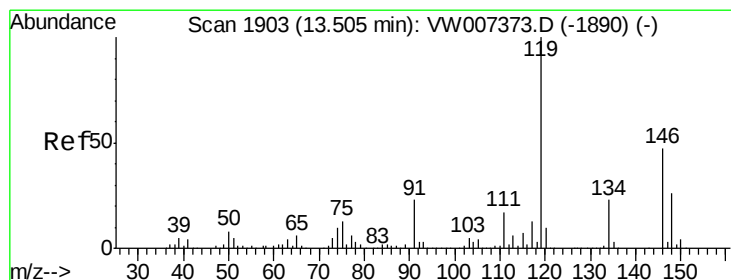
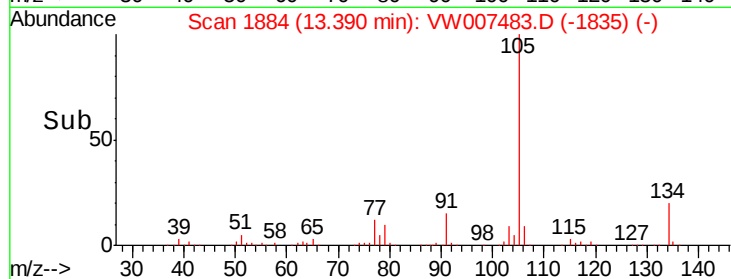
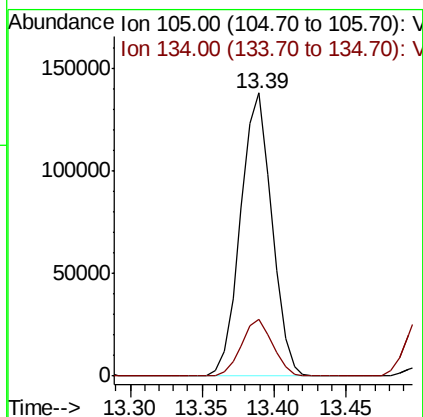
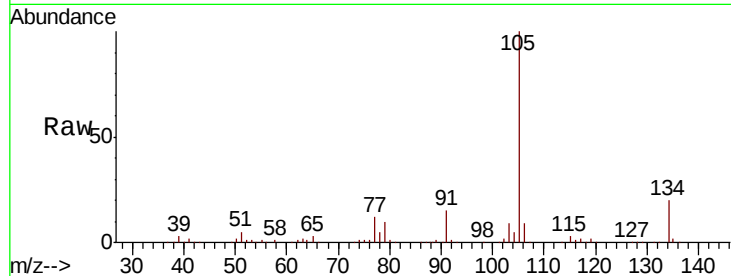




#85
 sec-Butylbenzene
 Concen: 52.976 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

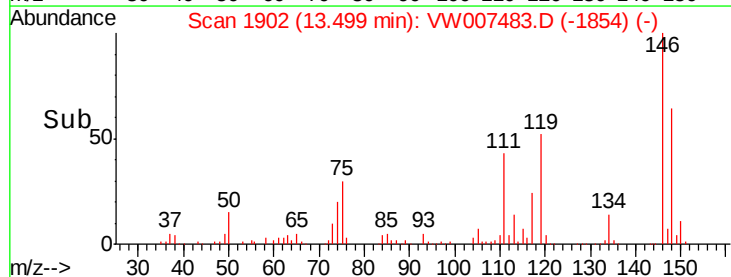
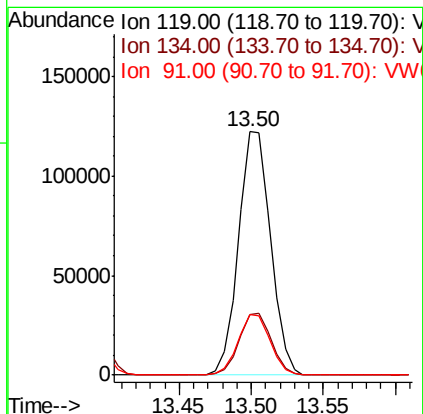
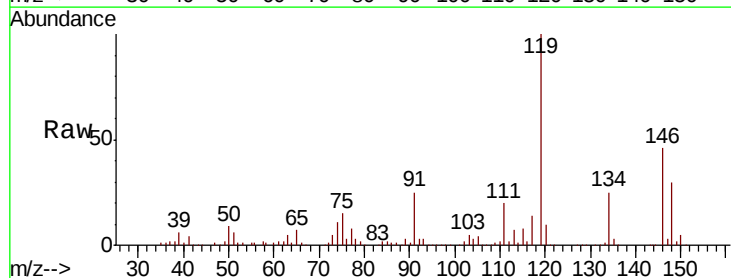
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

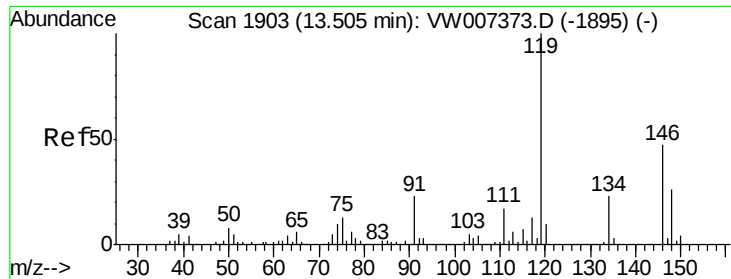
Tot Ion:105 Resp: 208958
 Ion Ratio Lower Upper
 105 100
 134 19.9 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 53.324 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion:119 Resp: 188953
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.7
 91 24.8 11.9 35.9

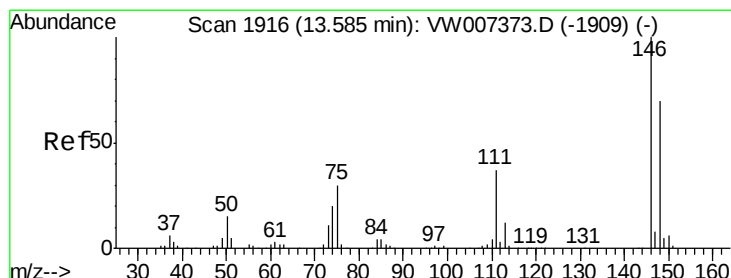
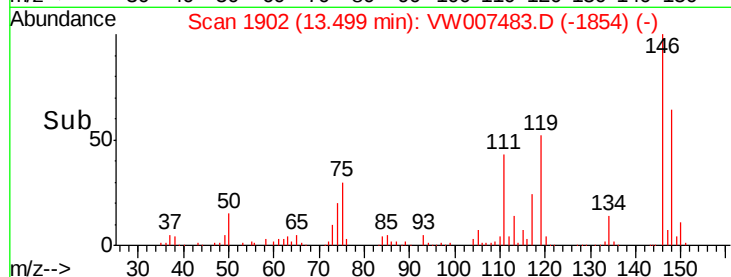
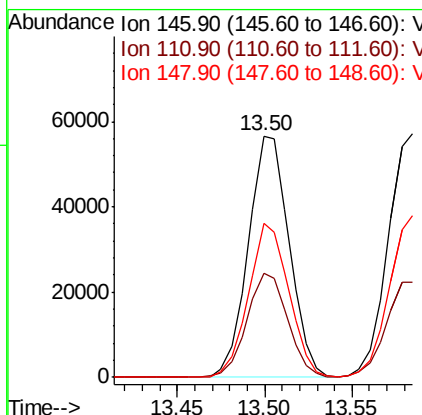
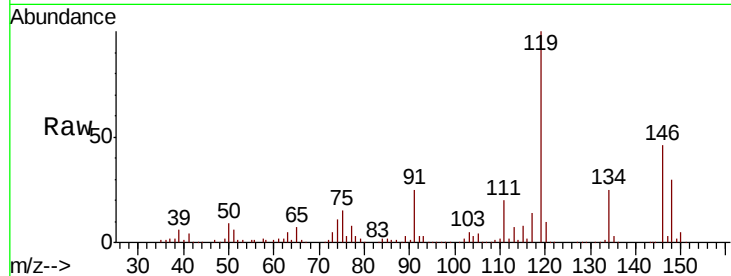




#87
 1,3-Dichlorobenzene
 Concen: 53.376 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

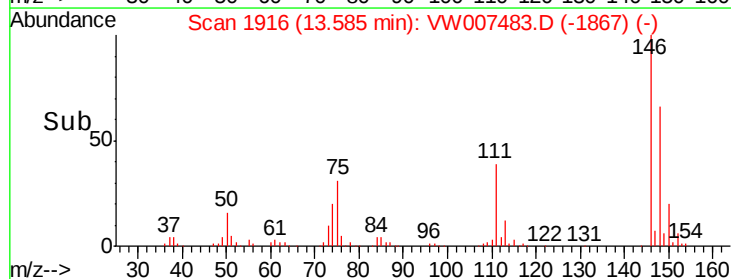
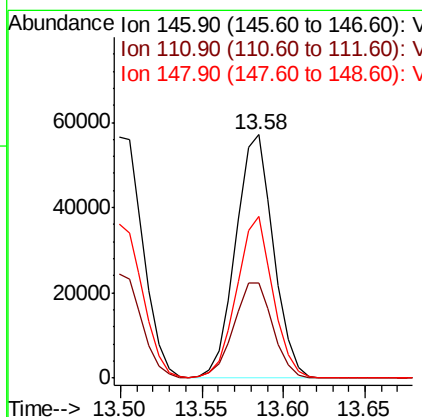
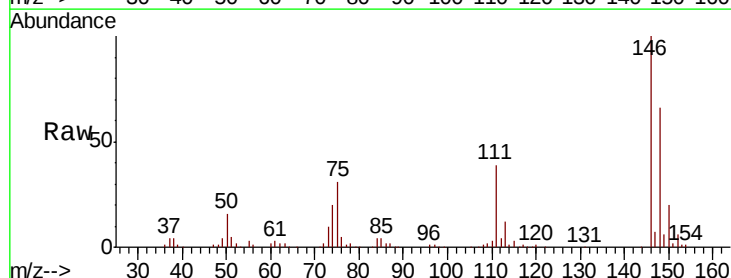
Instrument :
 MSVOA_W
 ClientSampled :
 SB-01AMSD

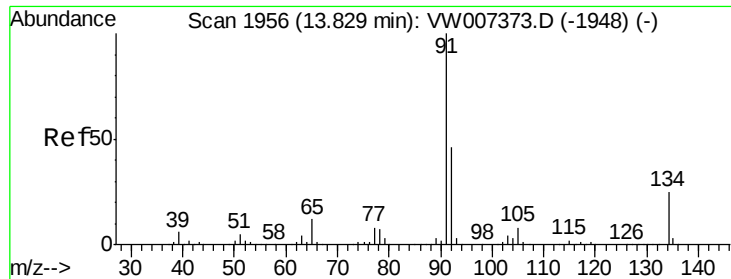
Tot Ion:146 Resp: 92060
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.1 60.3
 148 62.9 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 52.962 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion:146 Resp: 91832
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 61.0
 148 63.5 33.5 100.5

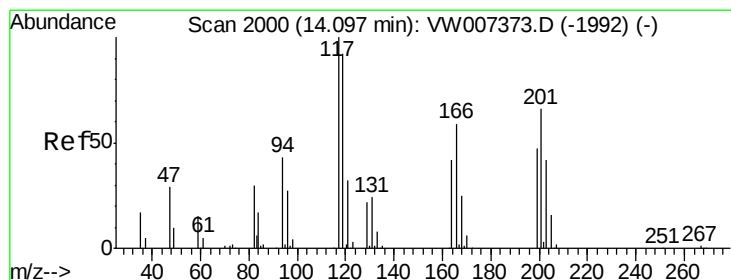
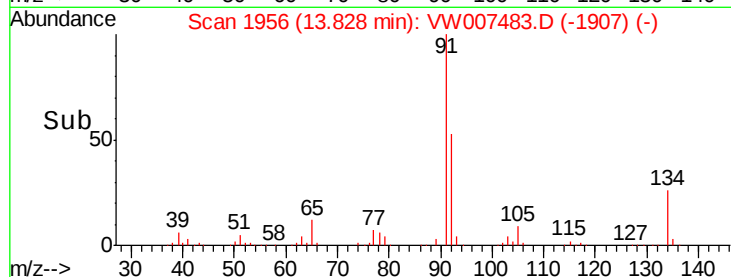
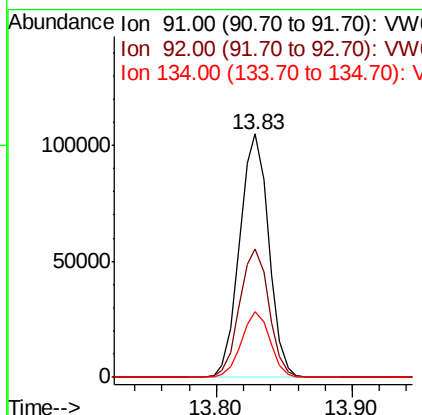
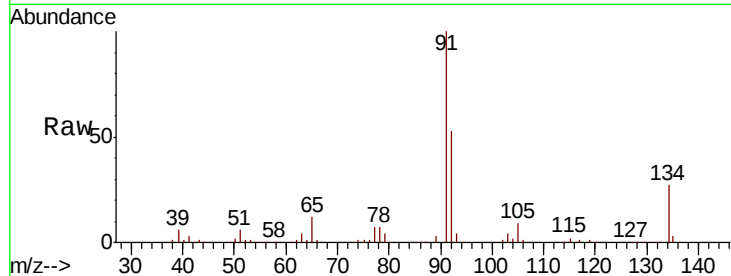




#89
n-Butylbenzene
Concen: 47.667 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

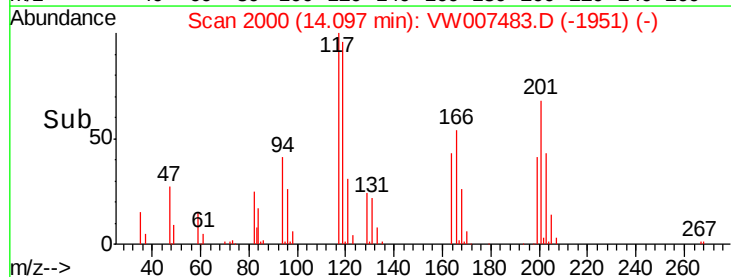
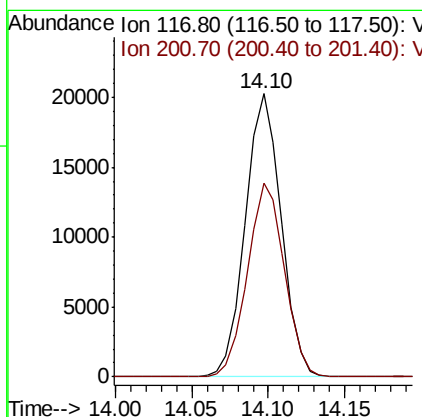
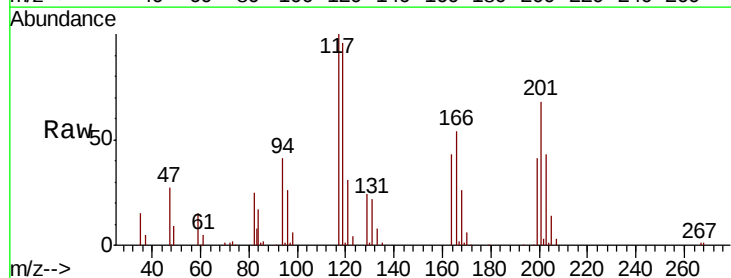
Instrument :
MSVOA_W
ClientSampleId :
SB-01AMSD

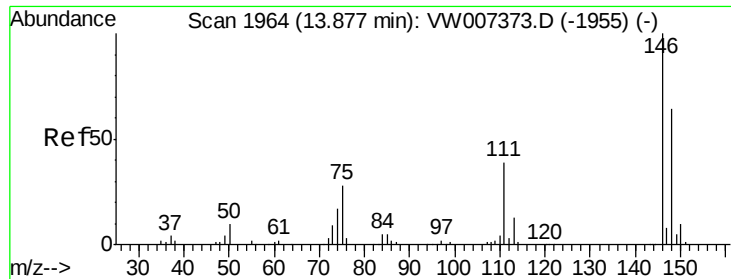
Tot Ion: 91 Resp: 156585
Ion Ratio Lower Upper
91 100
92 53.2 25.7 77.1
134 26.5 13.4 40.2



#90
Hexachloroethane
Concen: 52.341 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007483.D
Acq: 13 Dec 2018 13:00

Tgt Ion: 117 Resp: 33001
Ion Ratio Lower Upper
117 100
201 70.2 35.3 105.9

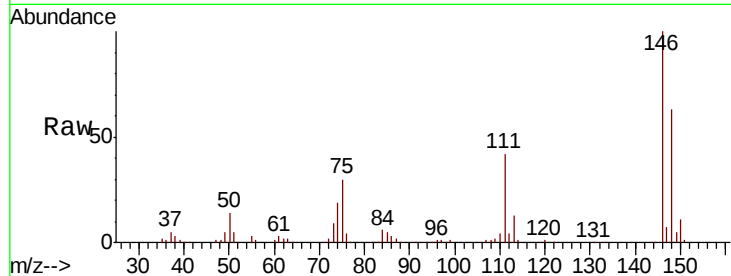




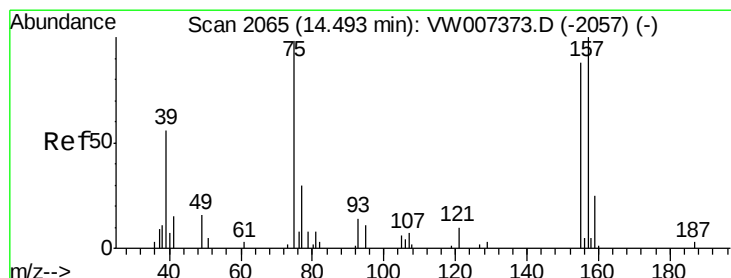
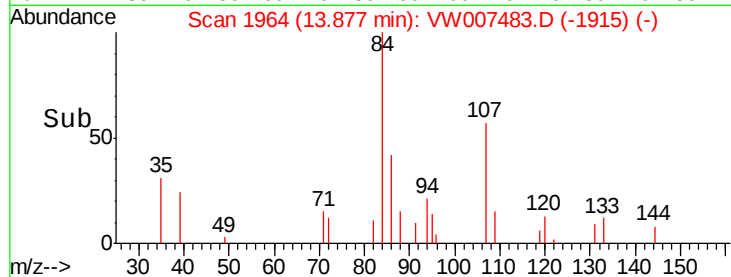
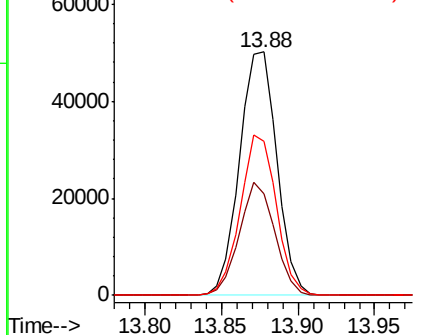
#91
 1,2-Dichlorobenzene
 Concen: 55.331 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion:146 Resp: 85474
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.4 67.2
 148 63.3 32.4 97.2

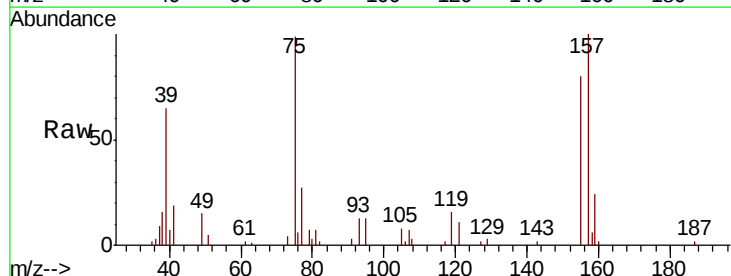


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

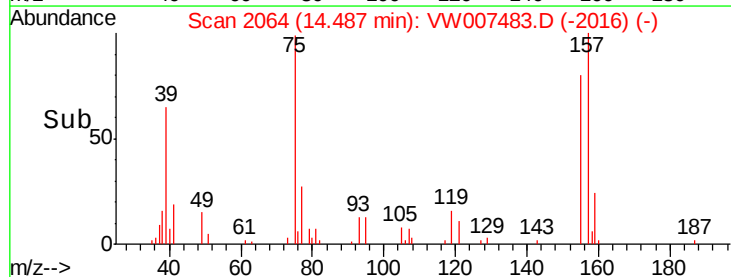
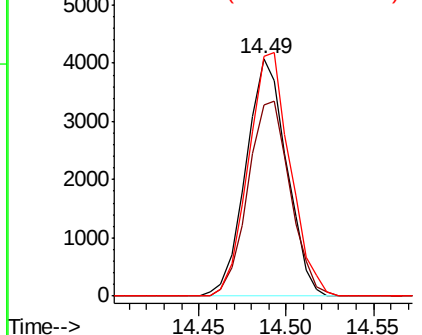


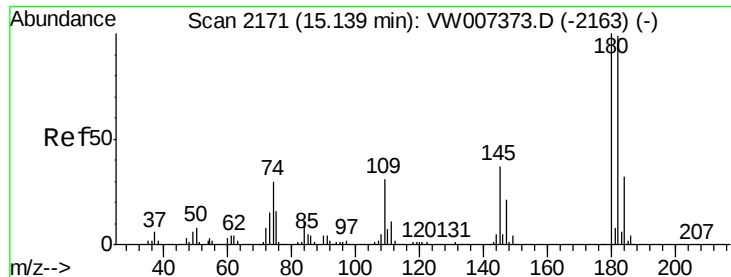
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.855 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion: 75 Resp: 6595
 Ion Ratio Lower Upper
 75 100
 155 85.4 40.8 122.2
 157 105.1 51.1 153.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

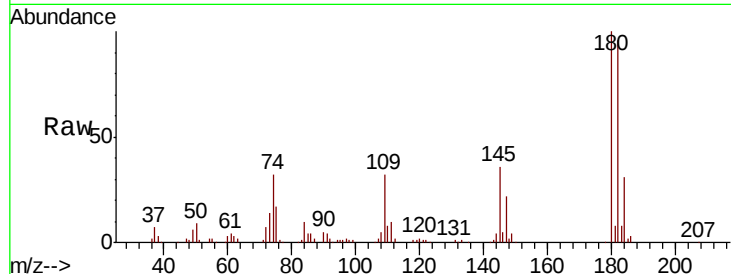




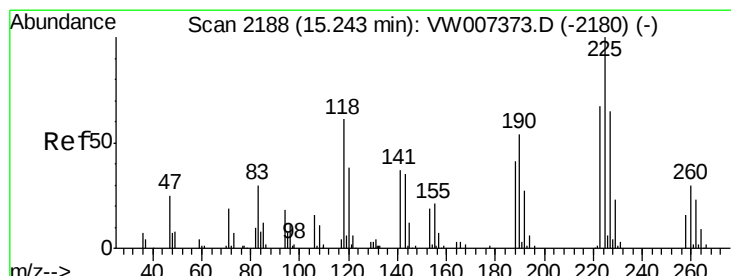
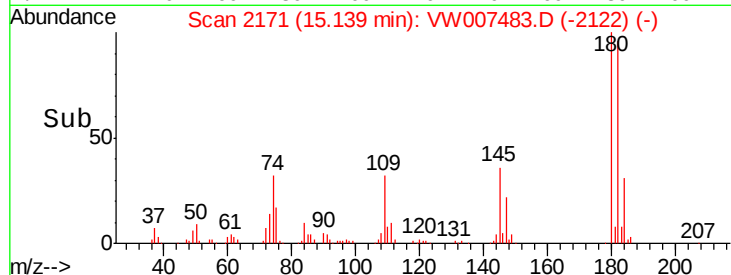
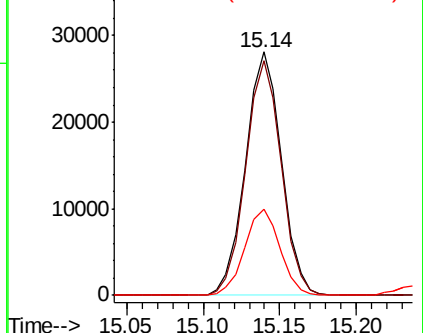
#93
 1,2,4-Trichlorobenzene
 Concen: 43.216 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01AMSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	49.9	149.6
145	34.7	17.8	53.4

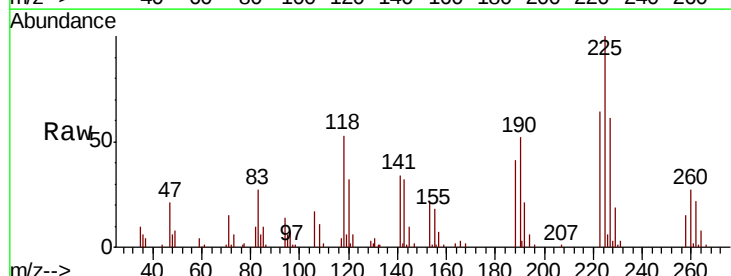


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

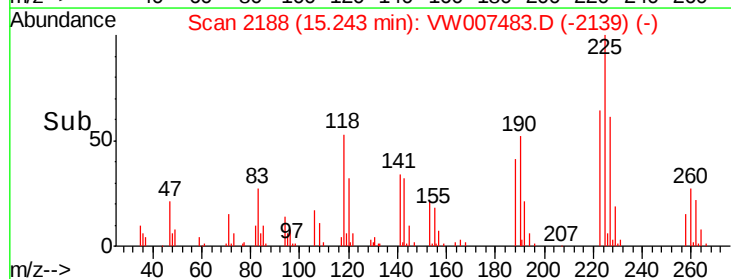
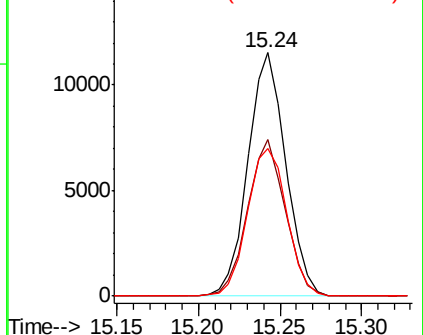


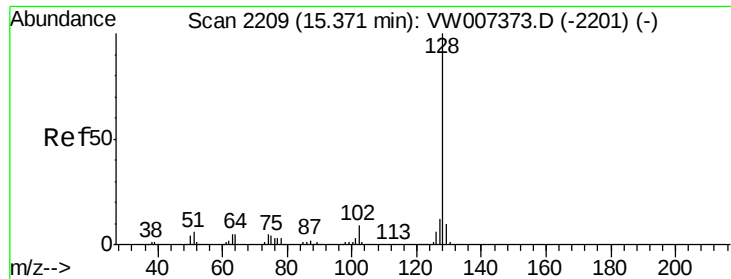
#94
 Hexachlorobutadiene
 Concen: 33.113 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007483.D
 Acq: 13 Dec 2018 13:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.1	96.3
227	62.8	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: 54.848 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01AMSD

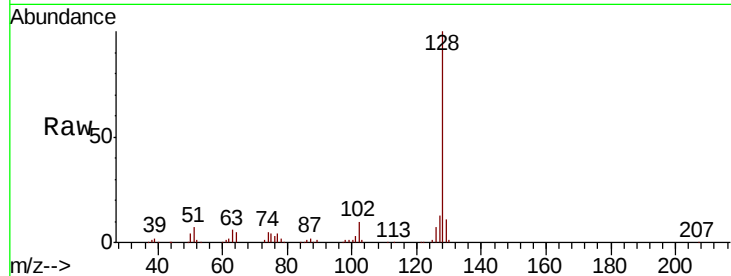
Tot Ion:128 Resp: 111548

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.2 8.3 12.5

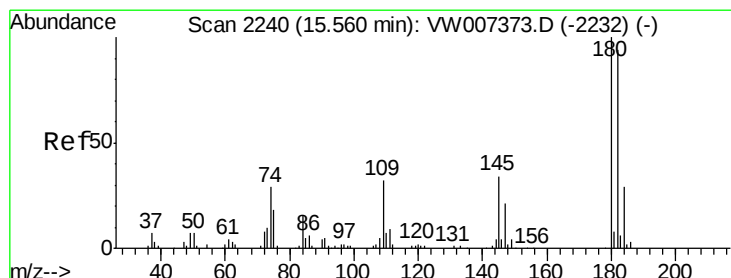
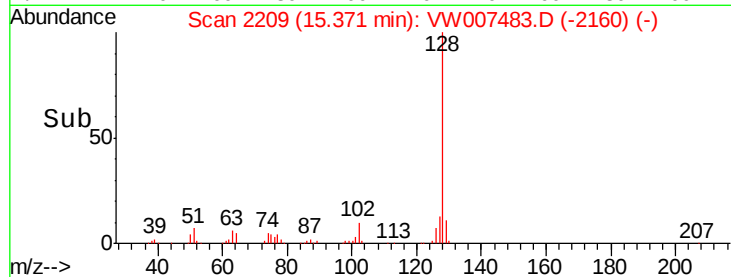
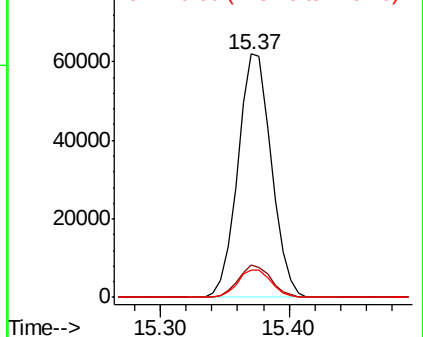


Abundance

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



#96

1,2,3-Trichlorobenzene

Concen: 44.576 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW007483.D

Acq: 13 Dec 2018 13:00

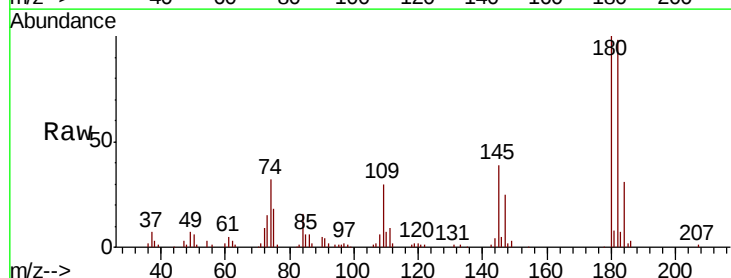
Tgt Ion:180 Resp: 41166

Ion Ratio Lower Upper

180 100

182 96.5 45.6 136.7

145 37.5 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

