

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV121918\
 Data File : VW007626.D
 Acq On : 17 Dec 2018 12:57
 Operator : SY/AP
 Sample : VW1217SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 07:04:01 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	76455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	121840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	55160	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	37719	44.47	ug/l	0.00
Spiked Amount			Recovery	=	88.94%	
35) Dibromofluoromethane	7.88	113	35367	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
50) Toluene-d8	10.32	98	131692	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.62	95	51839	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	12308	23.037	ug/l	97
3) Chloromethane	2.21	50	8921	19.937	ug/l	98
4) Vinyl Chloride	2.37	62	11798	22.468	ug/l	99
5) Bromomethane	2.78	94	7673	21.748	ug/l	99
6) Chloroethane	2.93	64	5979	20.685	ug/l	91
7) Trichlorofluoromethane	3.26	101	11387	24.120	ug/l	100
8) Diethyl Ether	3.68	74	7005	18.958	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17249	22.143	ug/l	98
10) Methyl Iodide	4.27	142	26068	20.206	ug/l	97
11) Tert butyl alcohol	5.17	59	5094	87.445	ug/l	99
12) 1,1-Dichloroethene	4.04	96	16735	22.313	ug/l	90
13) Acrolein	3.89	56	3763	97.623	ug/l	93
14) Allyl chloride	4.67	41	22456	20.313	ug/l	96
15) Acrylonitrile	5.37	53	14715	94.470	ug/l	98
16) Acetone	4.12	43	16523	111.524	ug/l	92
17) Carbon Disulfide	4.37	76	48423	21.294	ug/l	99
18) Methyl Acetate	4.67	43	7492	18.632	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	23111	20.426	ug/l	98
20) Methylene Chloride	4.92	84	18374	20.356	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	16812	20.038	ug/l	92
22) Diisopropyl ether	6.31	45	41836	19.688	ug/l	96
23) Vinyl Acetate	6.26	43	115990	97.588	ug/l	95
24) 1,1-Dichloroethane	6.21	63	28647	19.947	ug/l	99
25) 2-Butanone	7.17	43	18478	95.534	ug/l	99
26) 2,2-Dichloropropane	7.17	77	21741	22.873	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	18798	20.462	ug/l	98
28) Bromochloromethane	7.51	49	10320	19.104	ug/l	99
29) Tetrahydrofuran	7.53	42	11182	91.321	ug/l	97
30) Chloroform	7.68	83	31838	20.371	ug/l	98
31) Cyclohexane	7.95	56	26948	20.451	ug/l	# 91
32) 1,1,1-Trichloroethane	7.87	97	29687	21.660	ug/l	97
36) 1,1-Dichloropropene	8.08	75	24473	22.019	ug/l	100
37) Ethyl Acetate	7.26	43	8107	19.611	ug/l	98
38) Carbon Tetrachloride	8.07	117	28004	23.156	ug/l	95

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	30639	22.765	ug/l	91
40) Benzene	8.32	78	66087	21.425	ug/l	99
41) Methacrylonitrile	7.48	41	5206	22.115	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	20729	21.394	ug/l	100
43) Isopropyl Acetate	8.43	43	16044	19.648	ug/l	97
44) Trichloroethene	9.09	130	19048	21.626	ug/l	97
45) 1,2-Dichloropropane	9.37	63	14558	20.395	ug/l	97
46) Dibromomethane	9.46	93	8297	20.469	ug/l	100
47) Bromodichloromethane	9.65	83	22693	21.343	ug/l	93
48) Methyl methacrylate	9.44	41	7953	18.964	ug/l	98
49) 1,4-Dioxane	9.45	88	2674	406.561	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	36321	94.136	ug/l	100
52) Toluene	10.39	92	43274	21.679	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	22534	21.830	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	24644	20.652	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	12298	22.292	ug/l	94
56) Ethyl methacrylate	10.65	69	13520	20.389	ug/l	98
57) 1,3-Dichloropropane	10.93	76	19767	21.830	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	30271	98.993	ug/l	98
59) 2-Hexanone	10.97	43	28068	109.098	ug/l	100
60) Dibromochloromethane	11.13	129	15530	22.306	ug/l	97
61) 1,2-Dibromoethane	11.24	107	11481	21.059	ug/l	96
64) Tetrachloroethene	10.87	164	15876	20.152	ug/l	93
65) Chlorobenzene	11.66	112	49562	21.706	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	17978	22.355	ug/l	98
67) Ethyl Benzene	11.73	91	87506	22.290	ug/l	96
68) m/p-Xylenes	11.84	106	66563	43.615	ug/l	98
69) o-Xylene	12.17	106	31085	21.809	ug/l	94
70) Styrene	12.18	104	52830	22.948	ug/l	97
71) Bromoform	12.35	173	8872	21.554	ug/l #	99
73) Isopropylbenzene	12.47	105	91856	21.733	ug/l	99
74) N-amyl acetate	12.27	43	15049	19.591	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	12976	20.728	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	18410	40.478	ug/l #	1
77) Bromobenzene	12.75	156	19856	21.194	ug/l	94
78) n-propylbenzene	12.81	91	107345	22.568	ug/l	100
79) 2-Chlorotoluene	12.90	91	61535	21.380	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	80026	22.534	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	4228	20.535	ug/l	97
82) 4-Chlorotoluene	12.99	91	65518	21.596	ug/l	97
83) tert-Butylbenzene	13.21	119	68969	22.040	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	79718	21.813	ug/l	97
85) sec-Butylbenzene	13.39	105	97944	22.928	ug/l	95
86) p-Isopropyltoluene	13.51	119	87158	22.711	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	40339	21.596	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	40284	21.452	ug/l	99
89) n-Butylbenzene	13.83	91	82167	23.096	ug/l	99
90) Hexachloroethane	14.10	117	15538	22.755	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	36038	21.541	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2510	19.980	ug/l	96

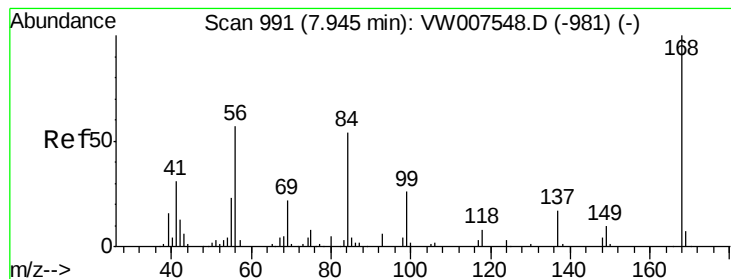
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	25372	22.037	ug/l	94
94) Hexachlorobutadiene	15.24	225	13764	22.531	ug/l	99
95) Naphthalene	15.38	128	45536	20.674	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	21260	21.257	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

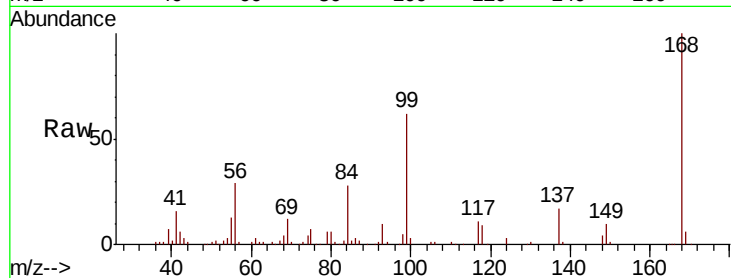
ClientSampleId :

Tot Ion:168 Resp: 76455

Ion Ratio Lower Upper

168 100

99 61.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

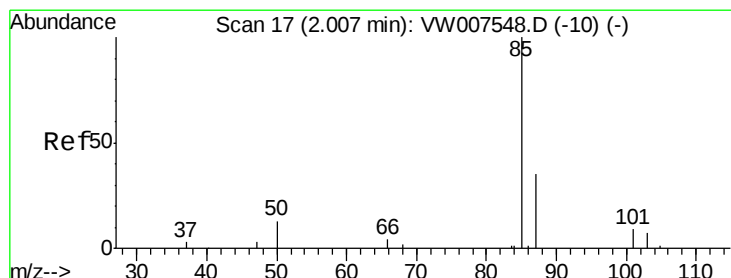
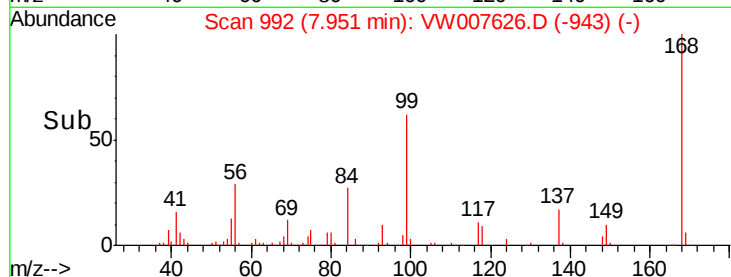
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 23.037 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007626.D

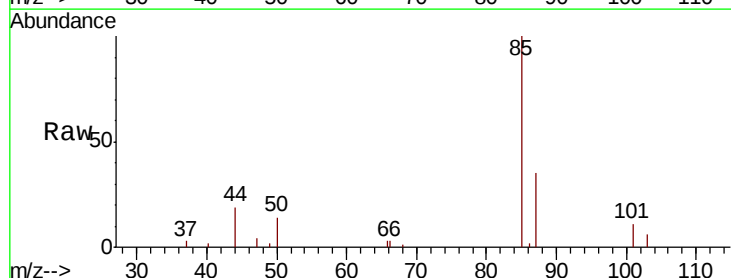
Acq: 17 Dec 2018 12:57

Tgt Ion: 85 Resp: 12308

Ion Ratio Lower Upper

85 100

87 35.1 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

4000

3000

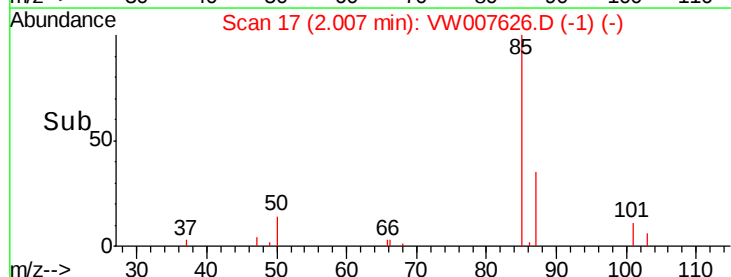
2000

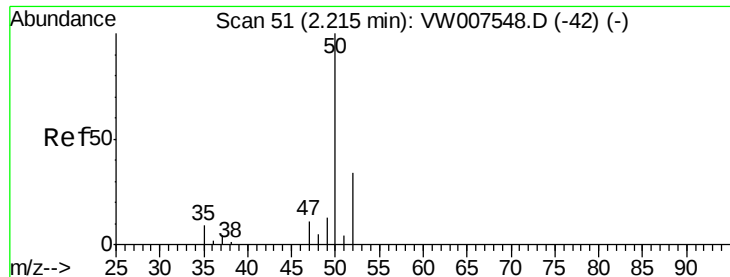
1000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 19.937 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

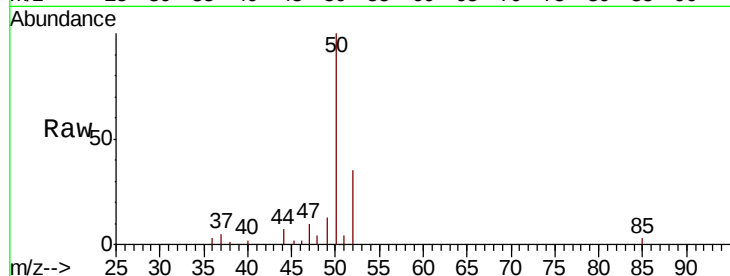
ClientSampleId :

Tot Ion: 50 Resp: 8921

Ion Ratio Lower Upper

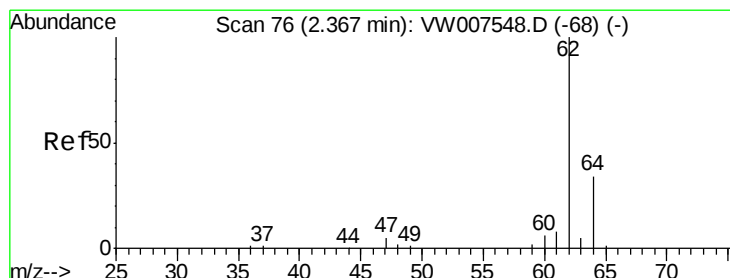
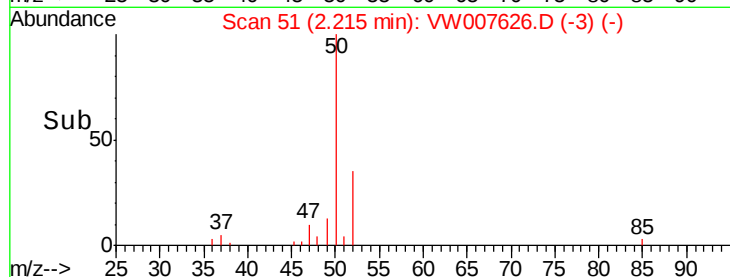
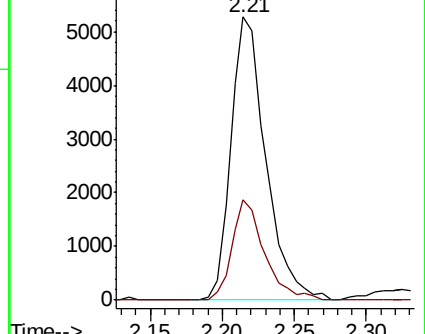
50 100

52 35.3 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: 22.468 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007626.D

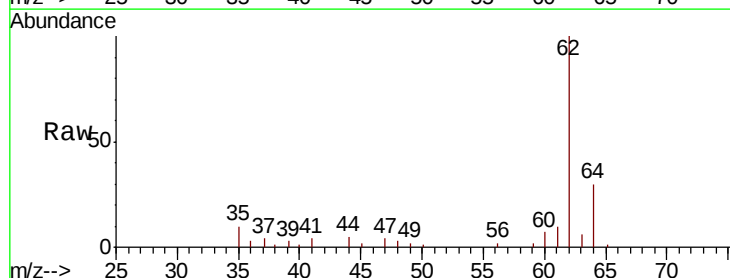
Acq: 17 Dec 2018 12:57

Tgt Ion: 62 Resp: 11798

Ion Ratio Lower Upper

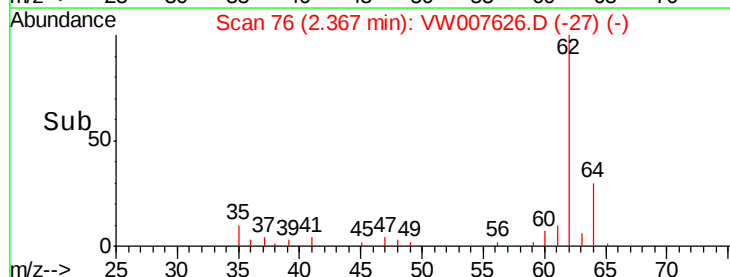
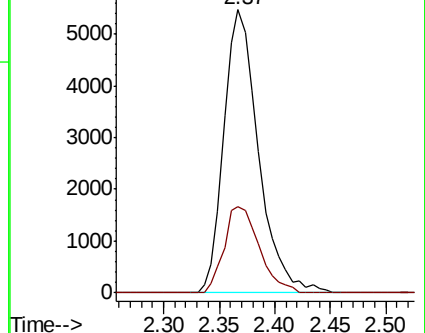
62 100

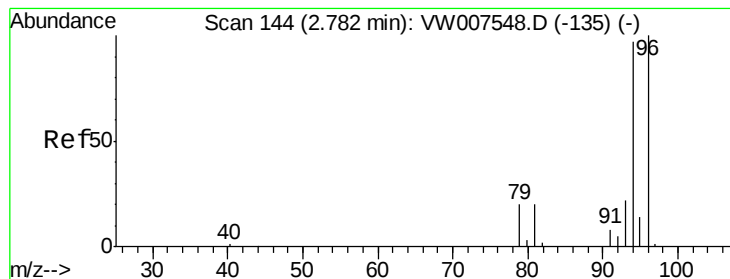
64 30.5 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 21.748 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

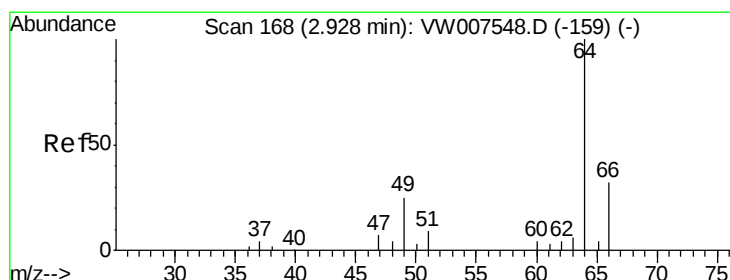
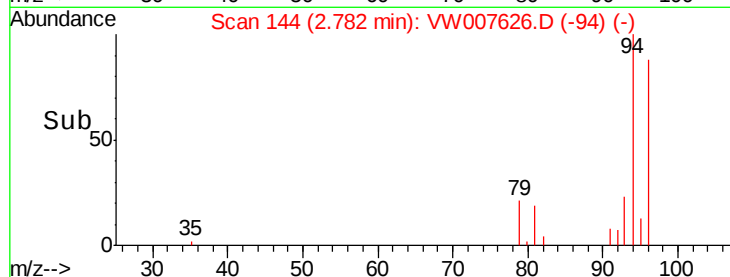
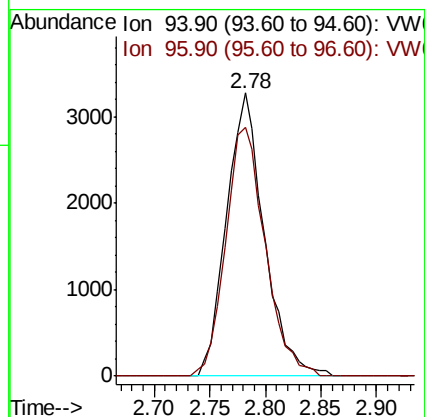
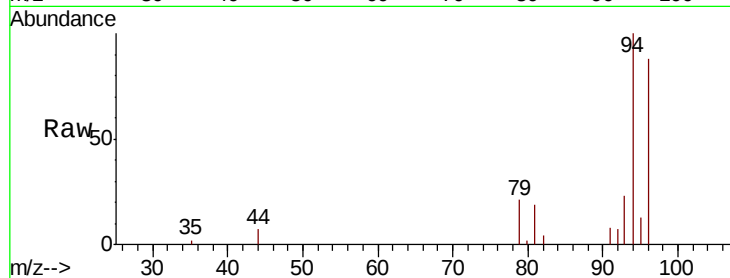
ClientSampleId :

Tot Ion: 94 Resp: 7673

Ion Ratio Lower Upper

94 100

96 87.8 71.0 106.4



#6

Chloroethane

Concen: 20.685 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007626.D

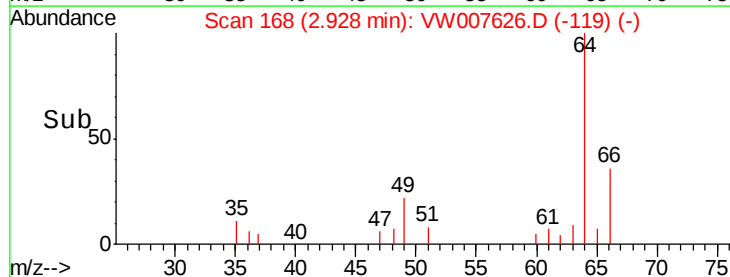
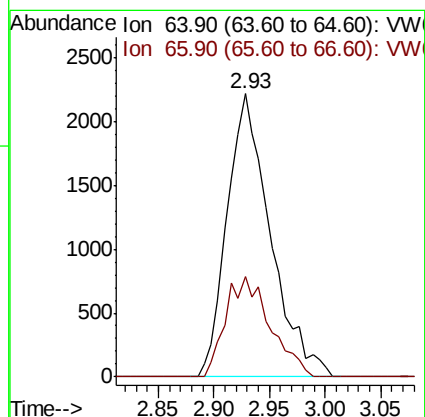
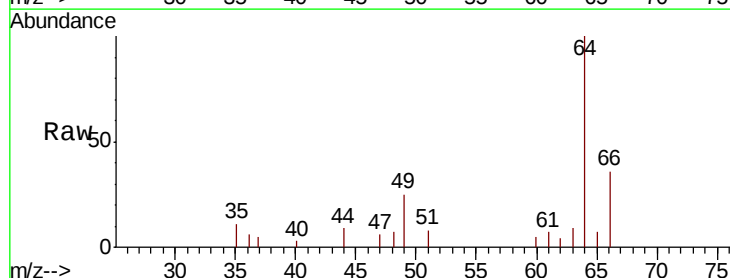
Acq: 17 Dec 2018 12:57

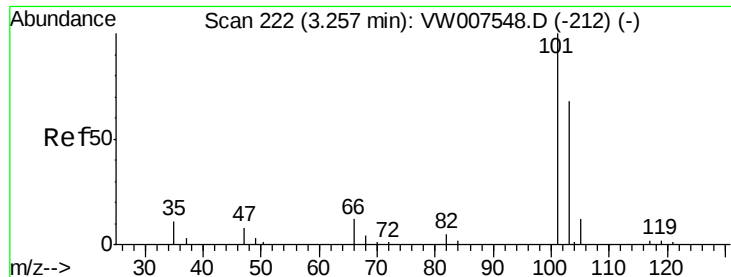
Tgt Ion: 64 Resp: 5979

Ion Ratio Lower Upper

64 100

66 35.7 24.6 37.0



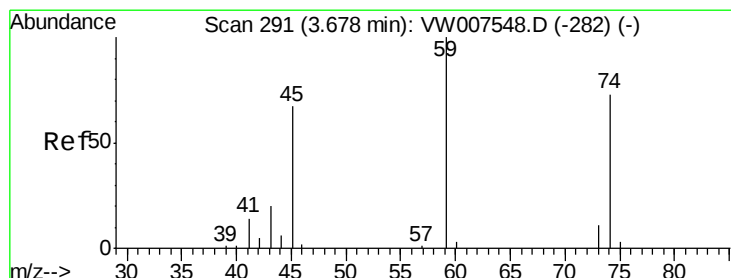
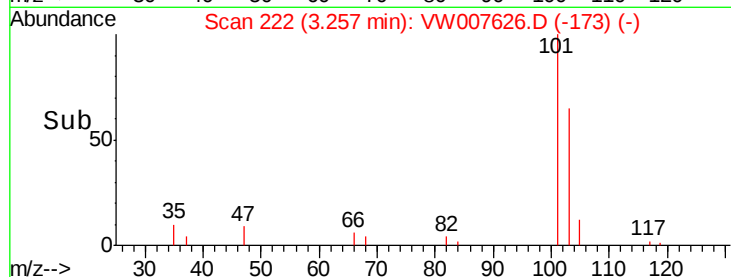
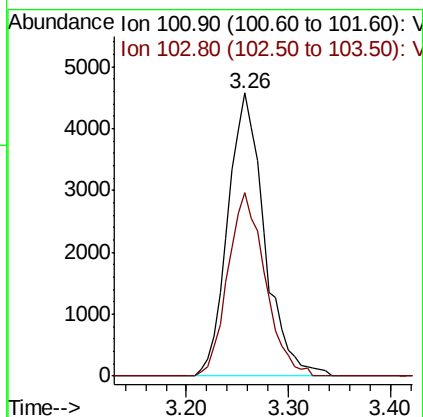
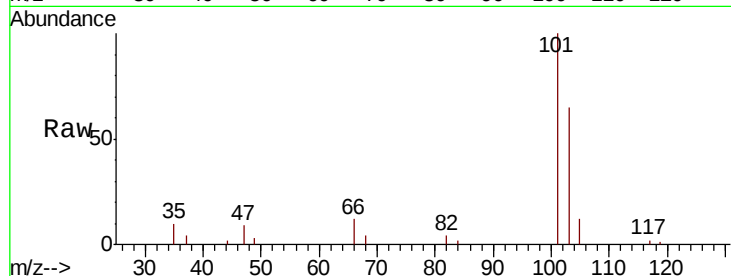


#7

Trichlorofluoromethane
 Concen: 24.120 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Instrument :
 MSVOA_W
 ClientSampled :

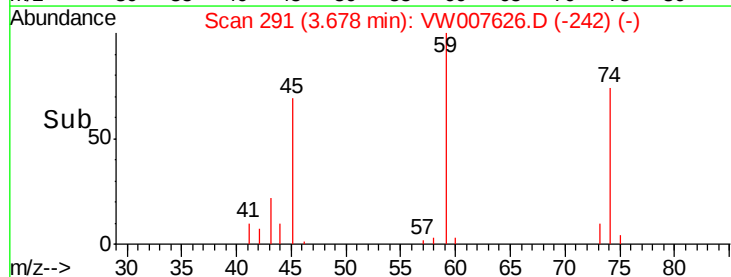
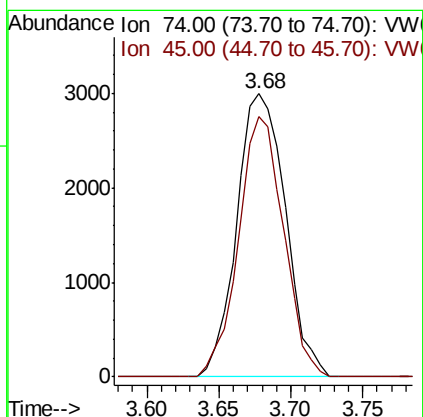
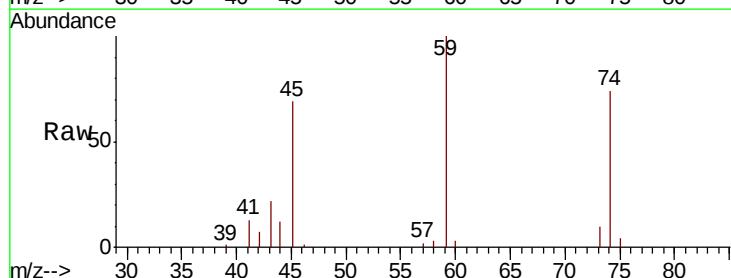
Tot Ion:101 Resp: 11387
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.7 77.5

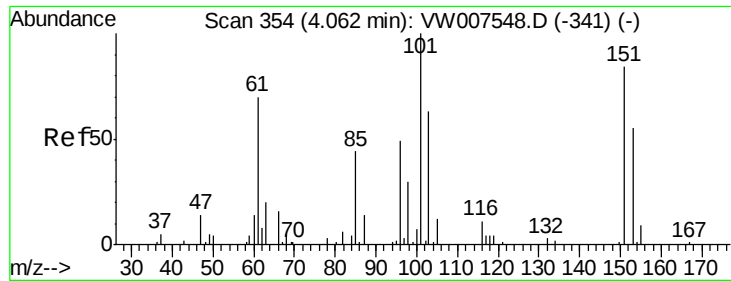


#8

Diethyl Ether
 Concen: 18.958 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Tgt Ion: 74 Resp: 7005
 Ion Ratio Lower Upper
 74 100
 45 85.2 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.143 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

ClientSampled :

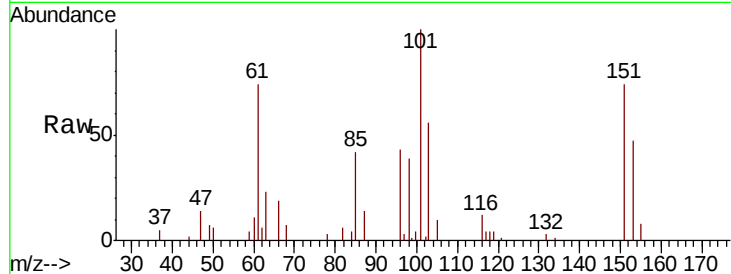
Tot Ion:101 Resp: 17249

Ion Ratio Lower Upper

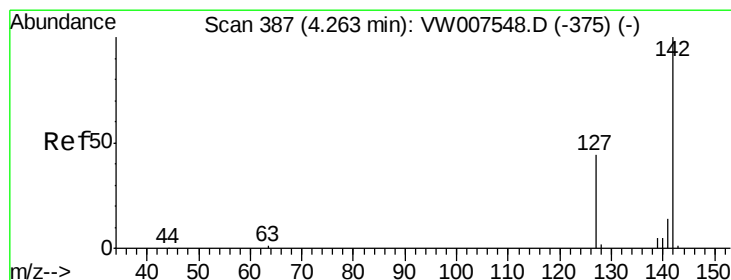
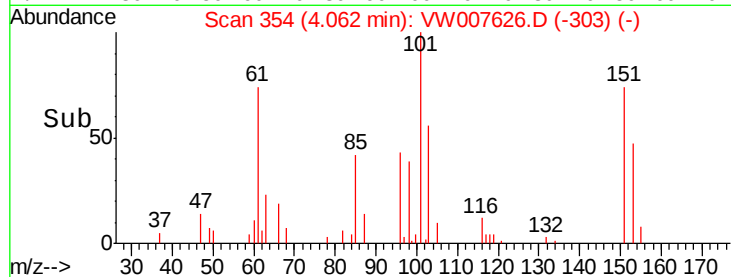
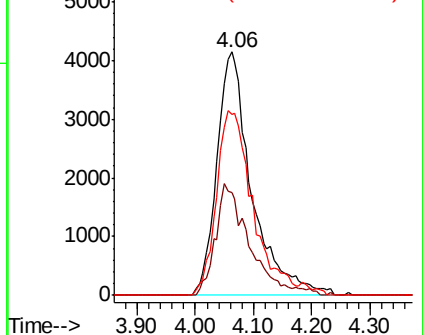
101 100

85 44.6 33.9 50.9

151 78.7 63.7 95.5



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



#10

Methyl Iodide

Concen: 20.206 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

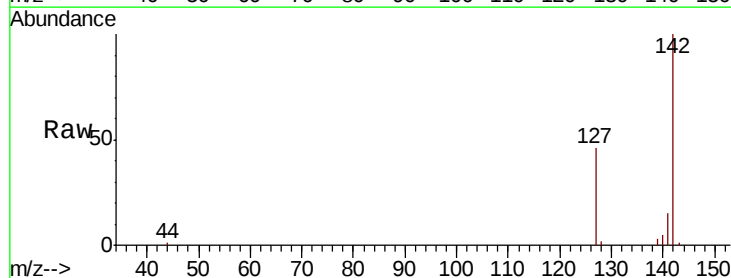
Tgt Ion:142 Resp: 26068

Ion Ratio Lower Upper

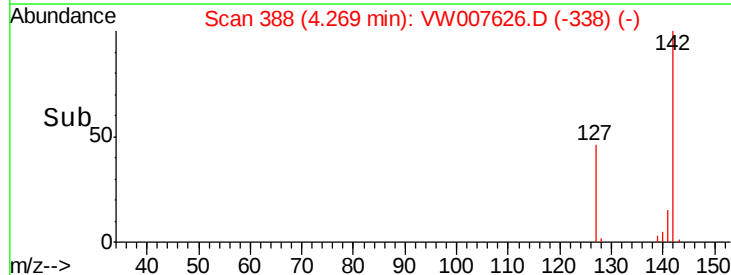
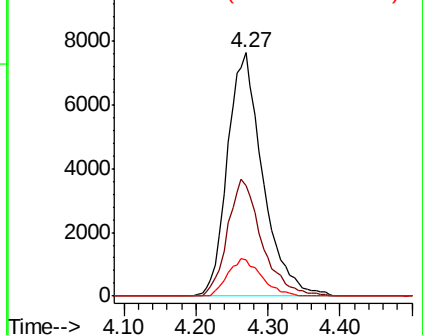
142 100

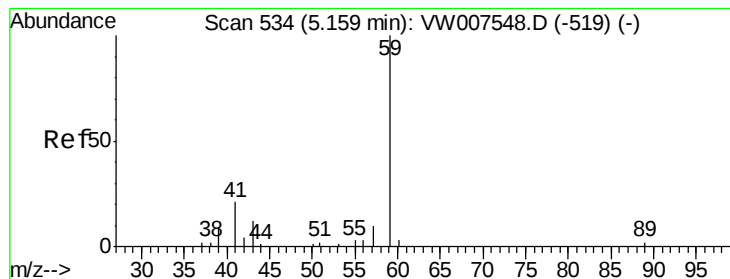
127 46.6 35.8 53.6

141 14.6 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



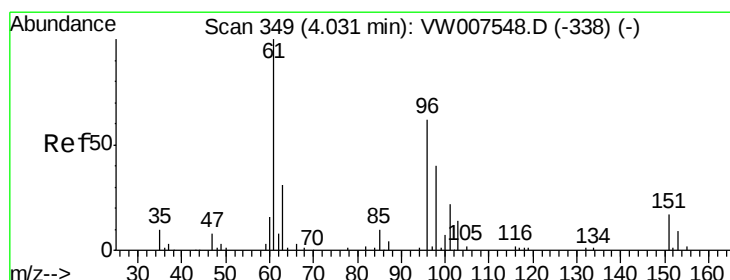
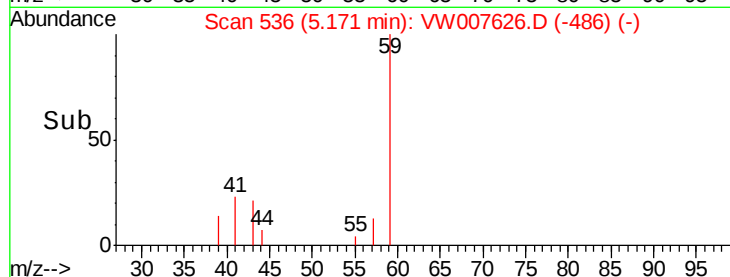
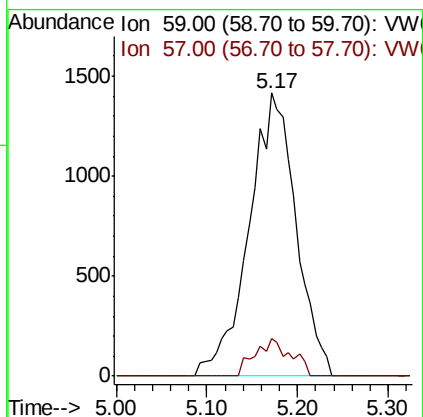
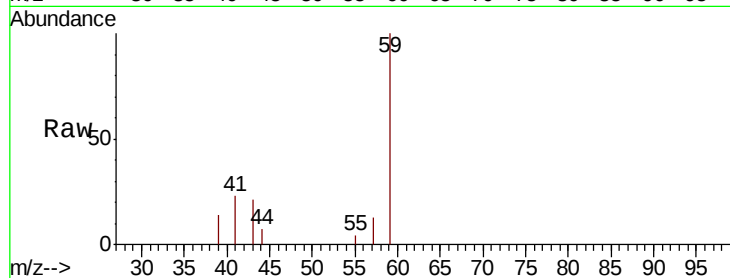


#11

Tert butyl alcohol
 Concen: 87.445 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :

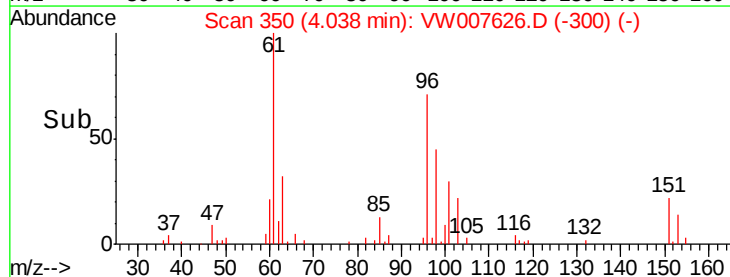
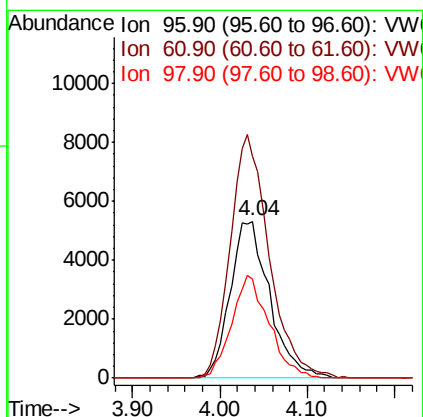
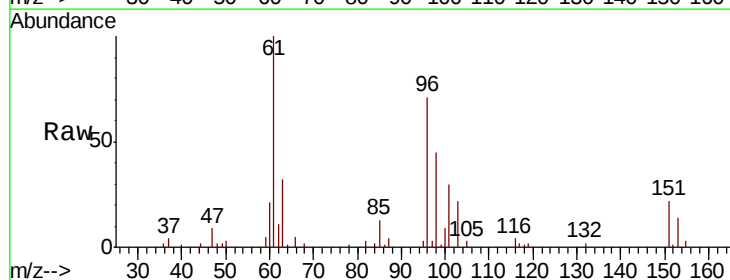
Tot Ion: 59 Resp: 5094
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.6 11.4

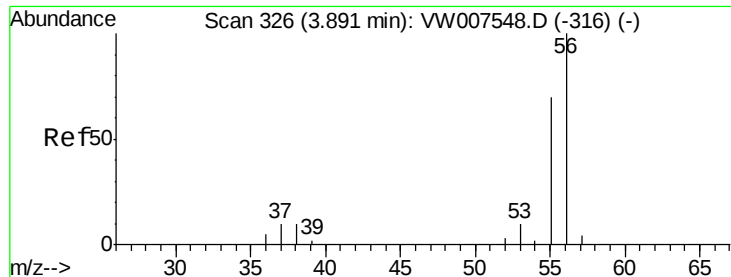


#12

1,1-Dichloroethene
 Concen: 22.313 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Tgt Ion: 96 Resp: 16735
 Ion Ratio Lower Upper
 96 100
 61 141.4 126.2 189.2
 98 63.3 48.3 72.5

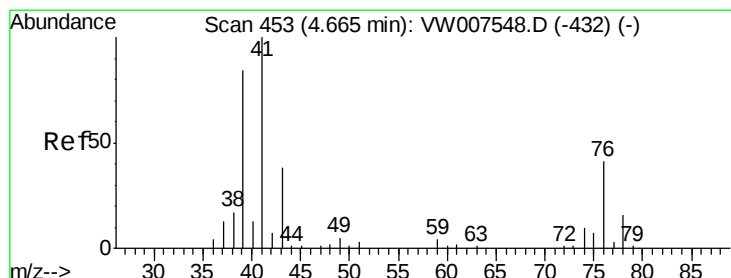
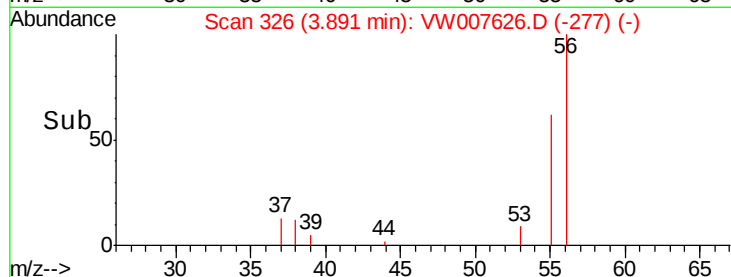
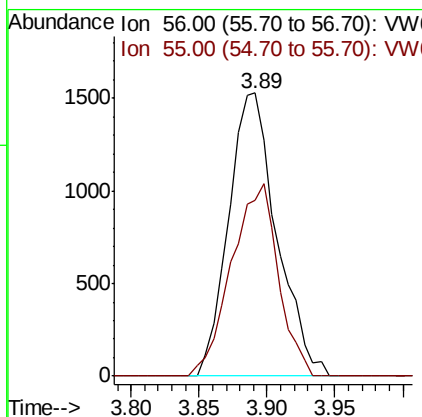
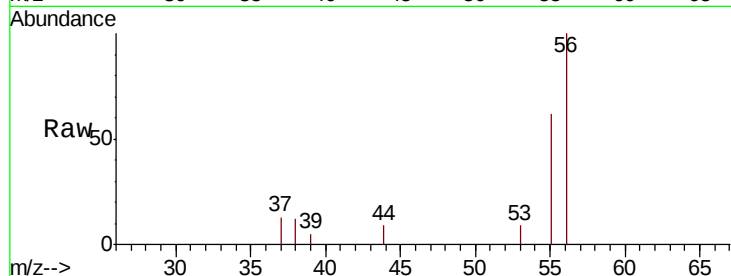




#13
Acrolein
Concen: 97.623 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

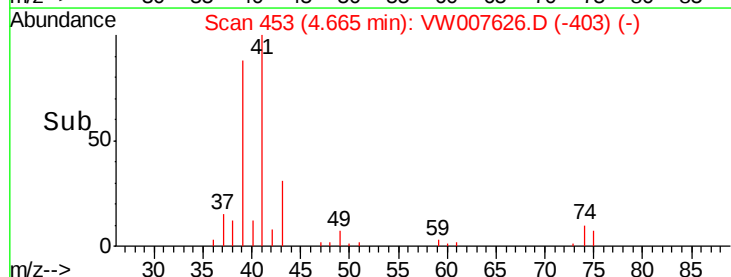
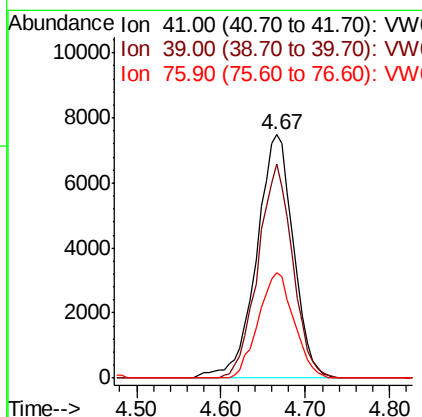
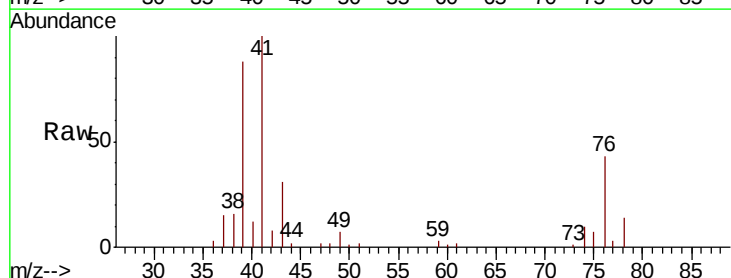
Instrument :
MSVOA_W
ClientSampleId :

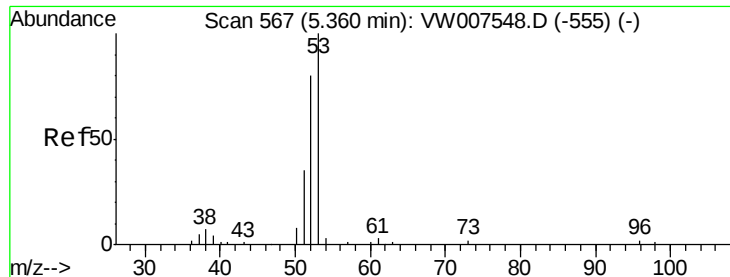
Tot Ion: 56 Resp: 3763
Ion Ratio Lower Upper
56 100
55 65.7 57.4 86.2



#14
Allyl chloride
Concen: 20.313 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Tgt Ion: 41 Resp: 22456
Ion Ratio Lower Upper
41 100
39 82.9 63.4 95.2
76 41.7 32.1 48.1





#15

Acrylonitrile

Concen: 94.470 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

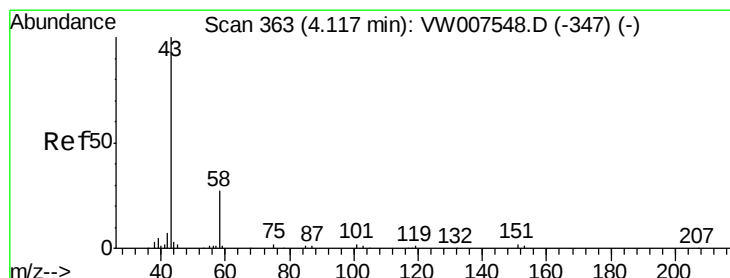
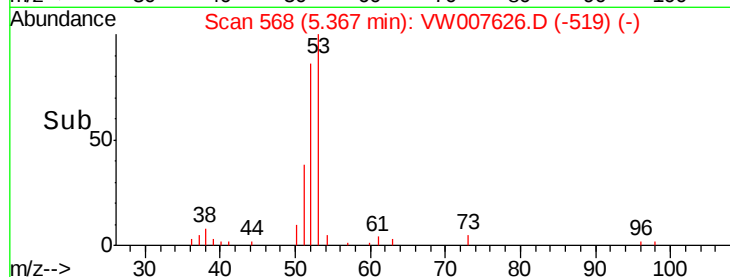
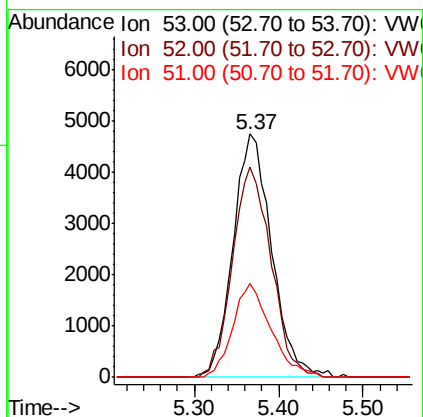
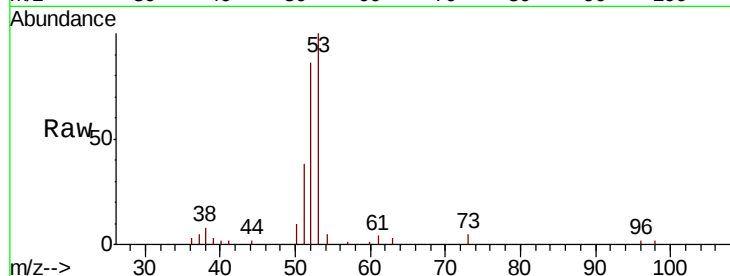
Tot Ion: 53 Resp: 14715

Ion Ratio Lower Upper

53 100

52 86.5 67.4 101.2

51 38.1 30.2 45.2



#16

Acetone

Concen: 111.524 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007626.D

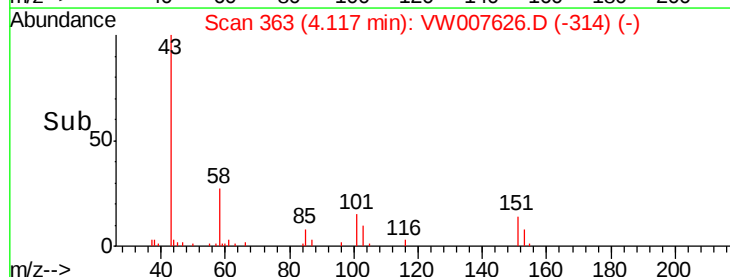
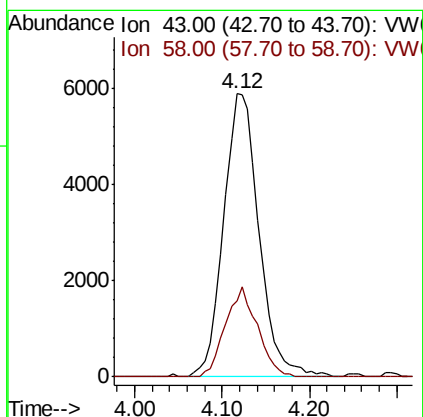
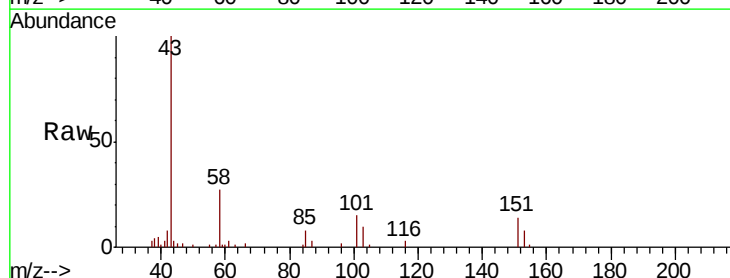
Acq: 17 Dec 2018 12:57

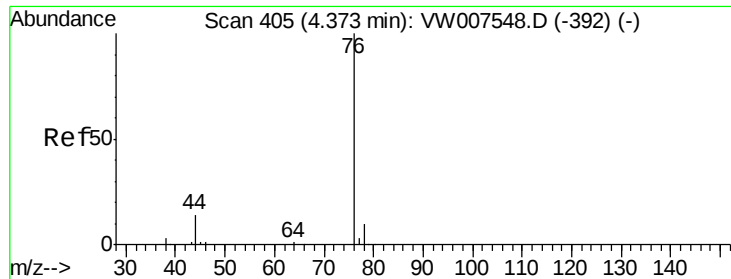
Tgt Ion: 43 Resp: 16523

Ion Ratio Lower Upper

43 100

58 26.9 24.9 37.3

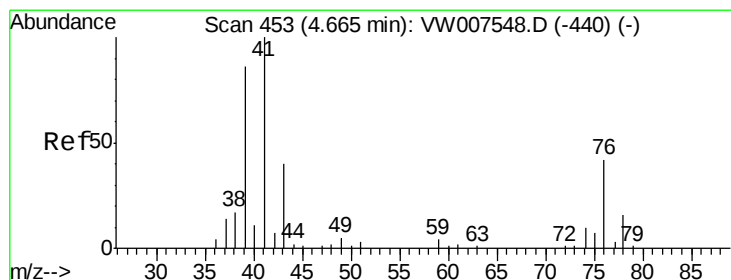
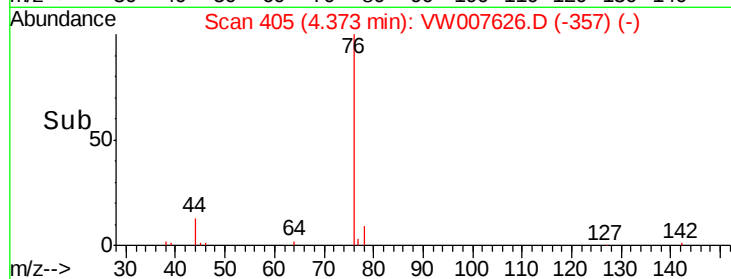
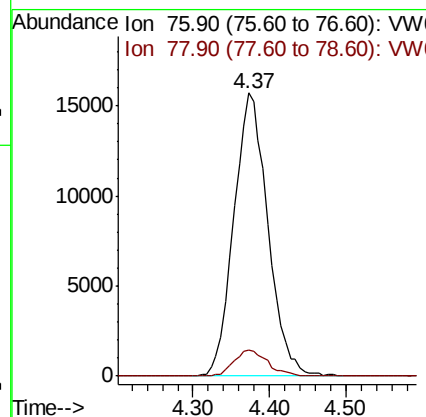
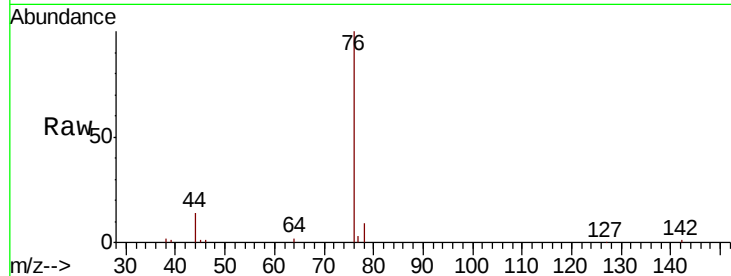




#17
Carbon Disulfide
Concen: 21.294 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

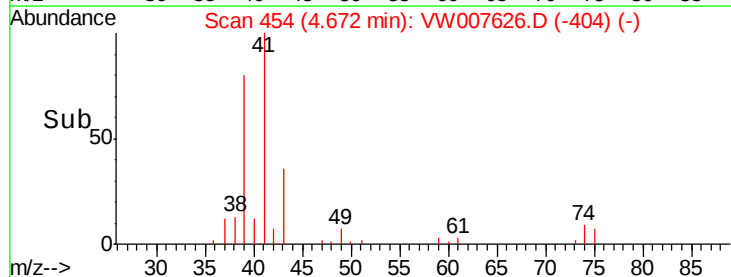
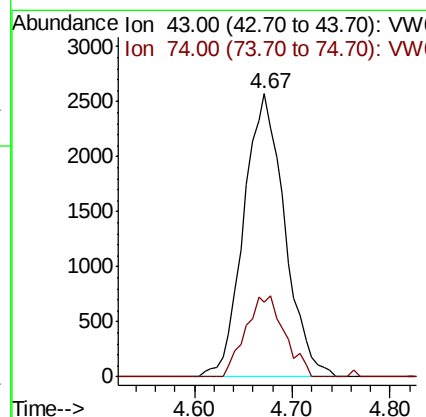
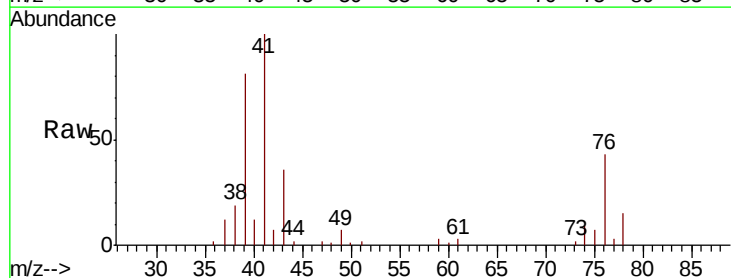
Instrument :
MSVOA_W
ClientSampleId :

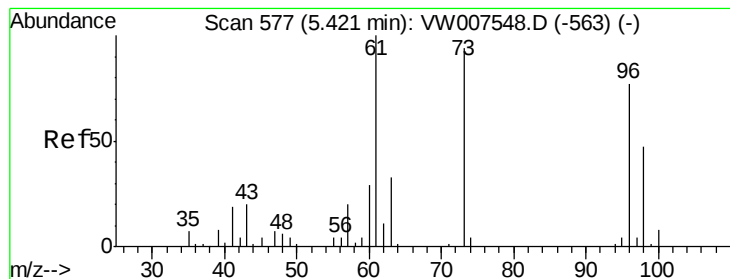
Tot Ion: 76 Resp: 48423
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 18.632 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Tgt Ion: 43 Resp: 7492
Ion Ratio Lower Upper
43 100
74 27.2 21.1 31.7



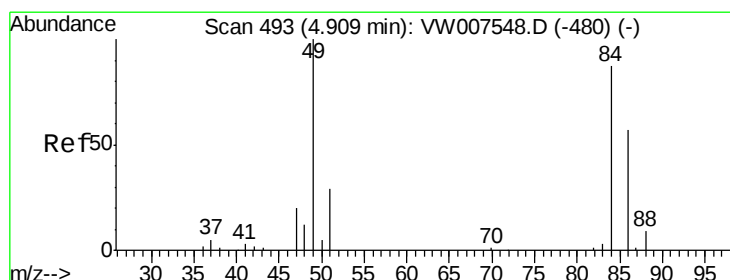
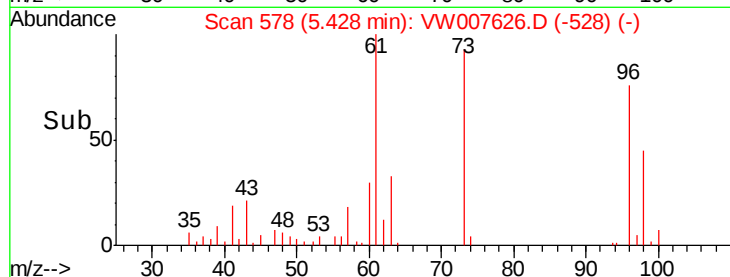
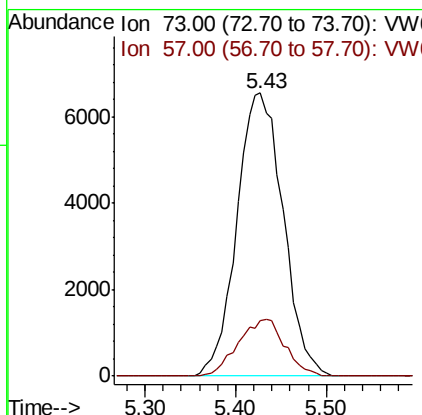
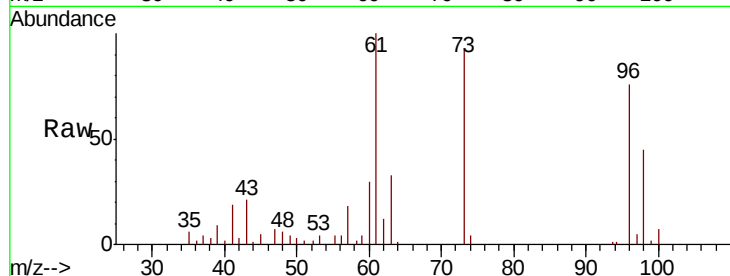


#19

Methyl tert-butyl Ether
 Concen: 20.426 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Instrument :
 MSVOA_W
 ClientSampled :

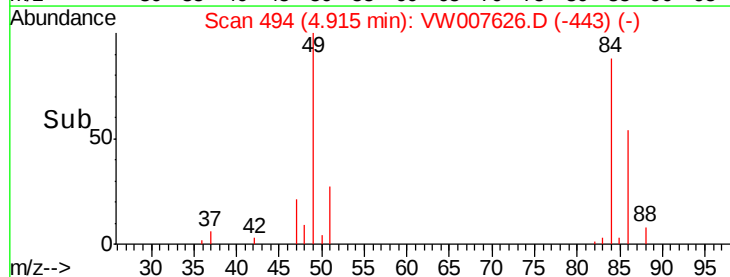
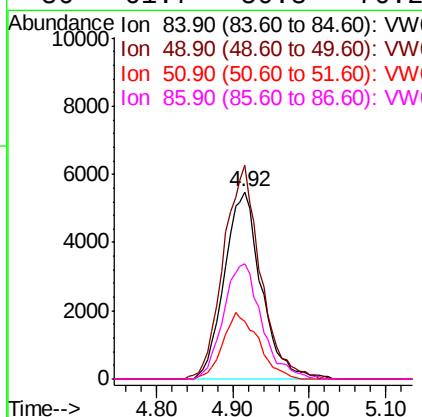
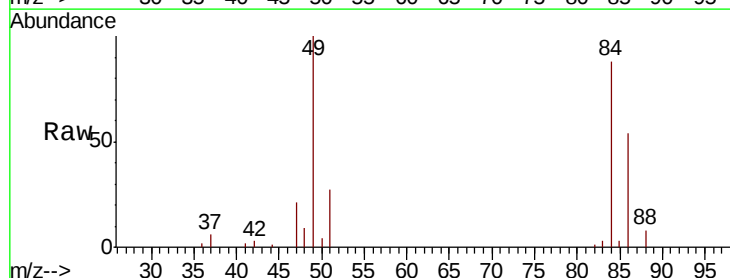
Tot Ion: 73 Resp: 23111
 Ion Ratio Lower Upper
 73 100
 57 19.5 16.4 24.6

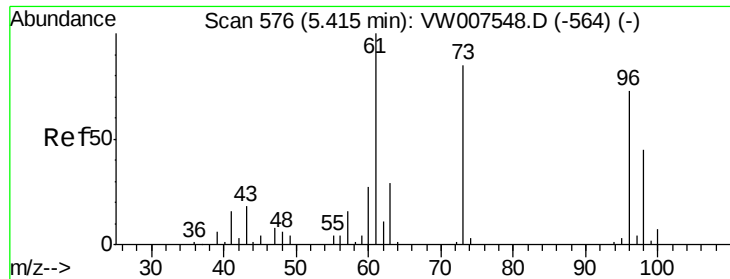


#20

Methylene Chloride
 Concen: 20.356 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Tgt Ion: 84 Resp: 18374
 Ion Ratio Lower Upper
 84 100
 49 114.1 87.1 130.7
 51 30.9 28.2 42.2
 86 61.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 20.038 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

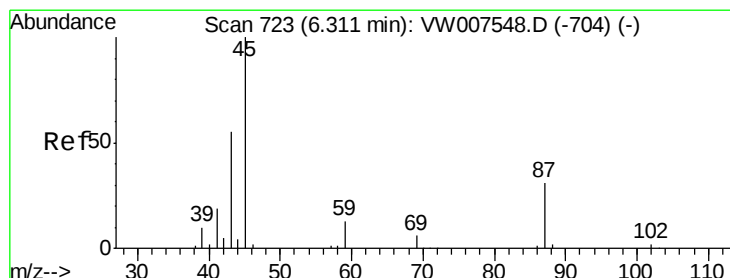
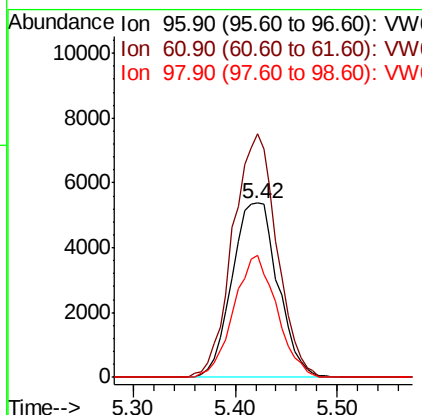
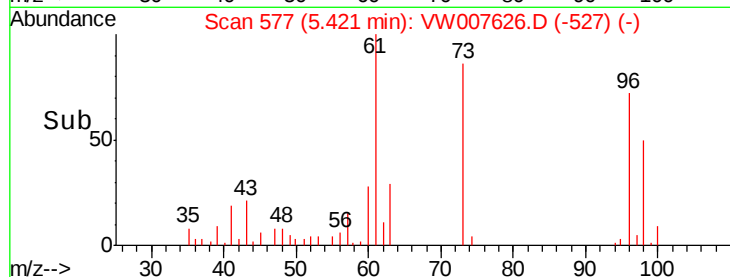
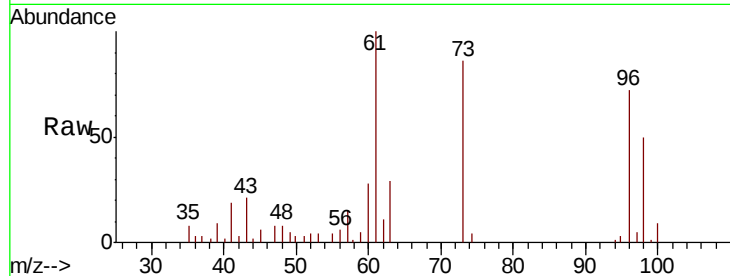
Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 16812

Ion	Ratio	Lower	Upper
96	100		
61	139.7	105.0	157.6
98	70.4	49.7	74.5



#22

Diisopropyl ether

Concen: 19.688 ug/l

RT: 6.31 min Scan# 723

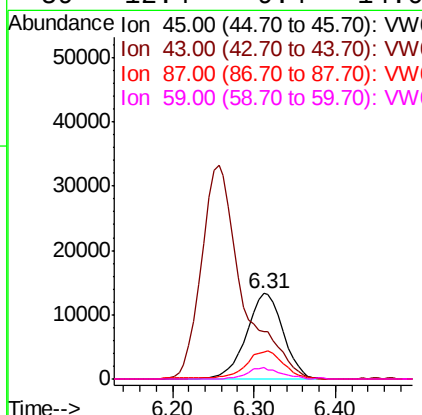
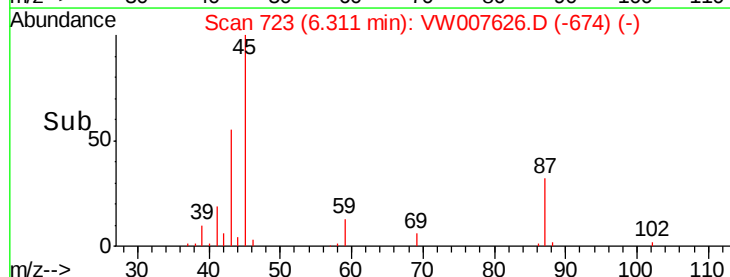
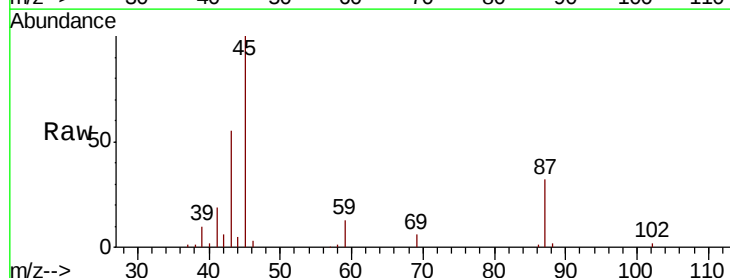
Delta R.T. -0.00 min

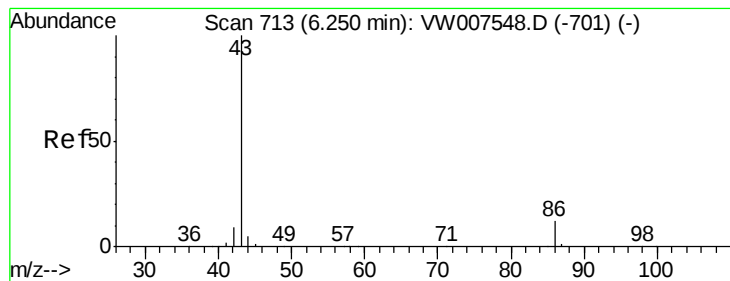
Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Tgt Ion: 45 Resp: 41836

Ion	Ratio	Lower	Upper
45	100		
43	54.9	41.6	62.4
87	32.2	24.3	36.5
59	12.4	9.4	14.0





#23

Vinyl Acetate

Concen: 97.588 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

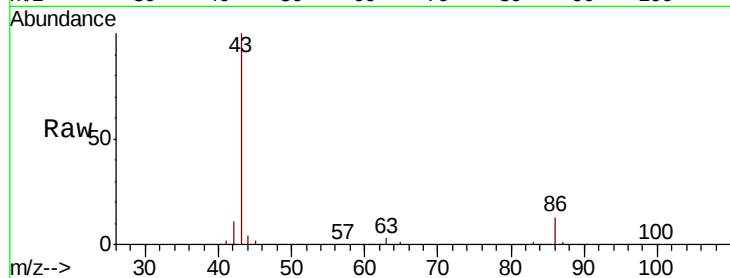
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 115990

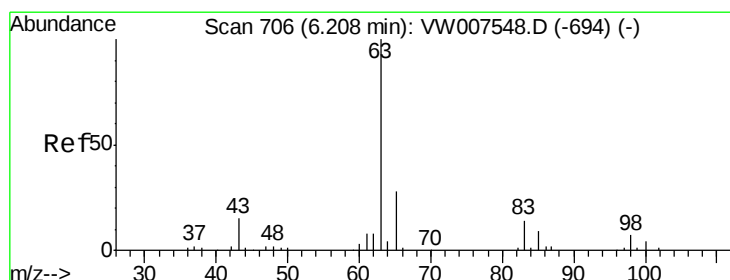
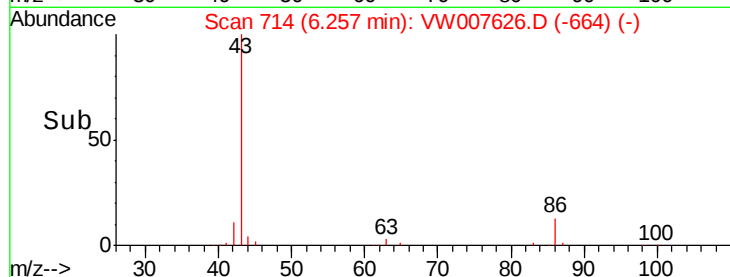
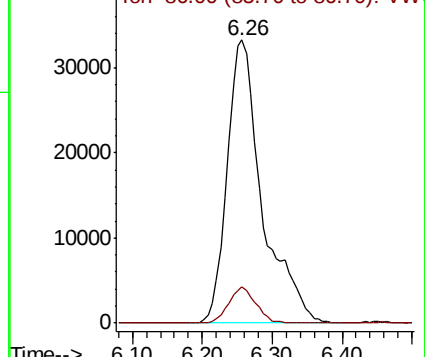
Ion Ratio Lower Upper

43 100

86 12.7 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: 19.947 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

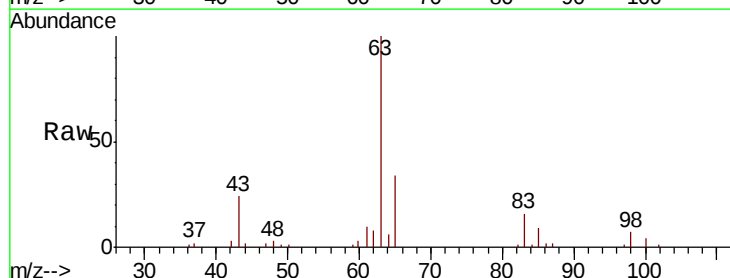
Tgt Ion: 63 Resp: 28647

Ion Ratio Lower Upper

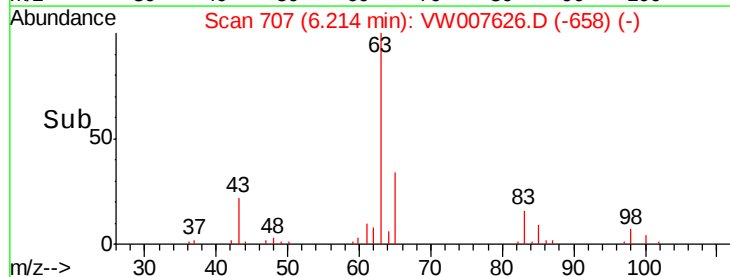
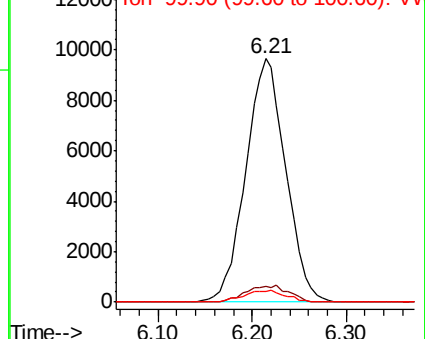
63 100

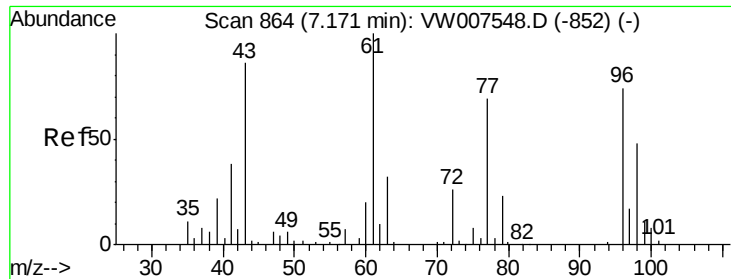
98 6.6 3.5 10.4

100 4.3 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

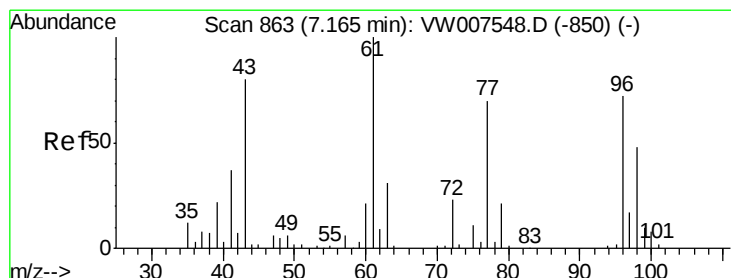
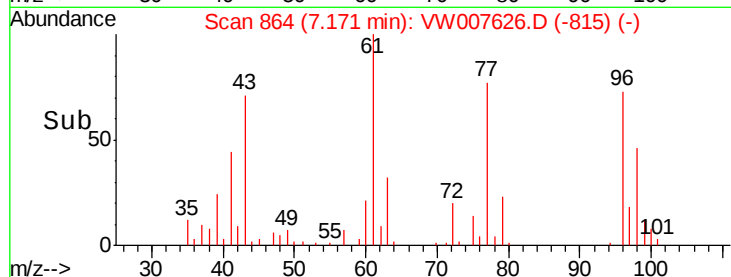
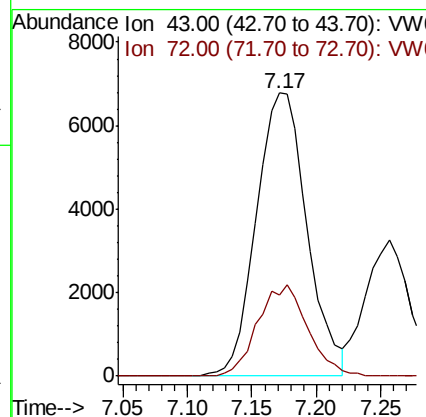
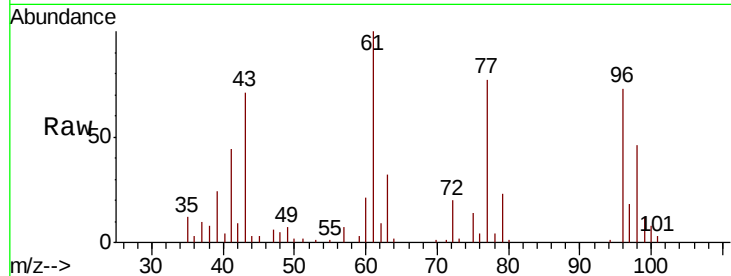




#25
2-Butanone
Concen: 95.534 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

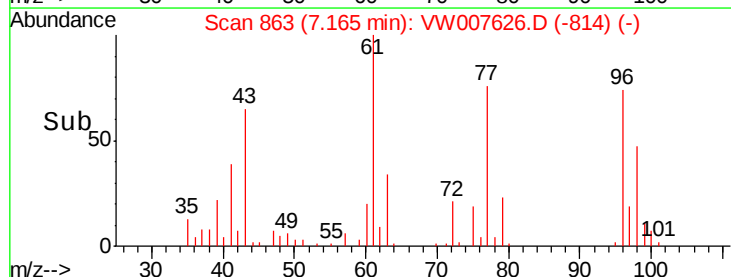
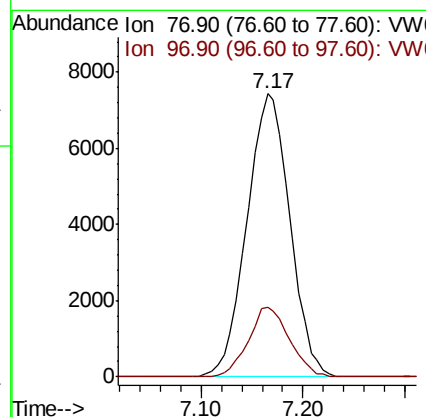
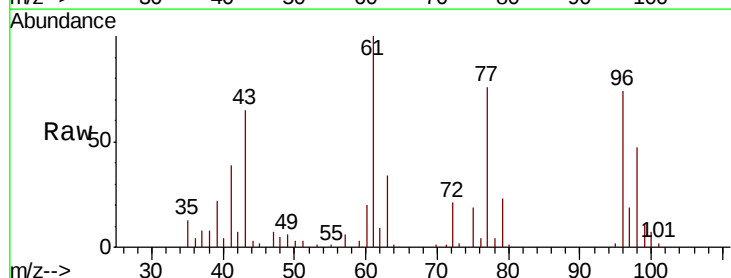
Instrument :
MSVOA_W
ClientSampled :

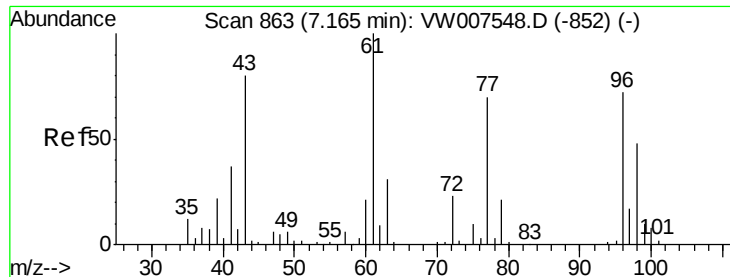
Tot Ion: 43 Resp: 18478
Ion Ratio Lower Upper
43 100
72 28.7 23.4 35.2



#26
2,2-Dichloropropane
Concen: 22.873 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Tgt Ion: 77 Resp: 21741
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.8



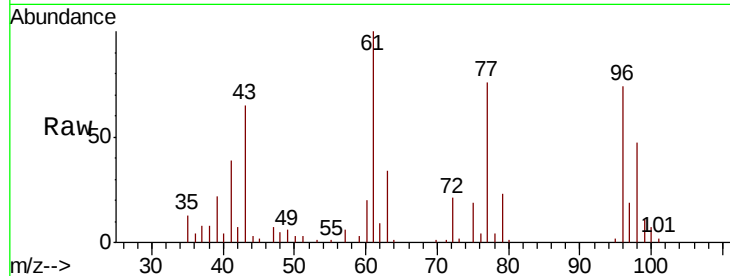


#27

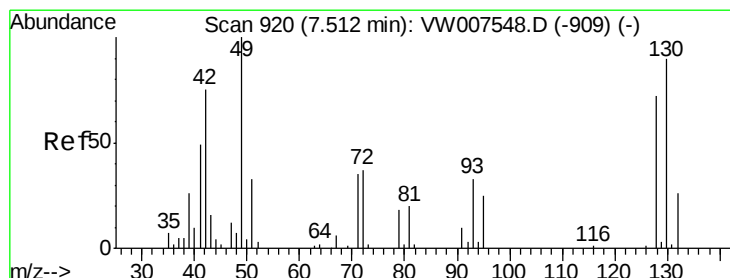
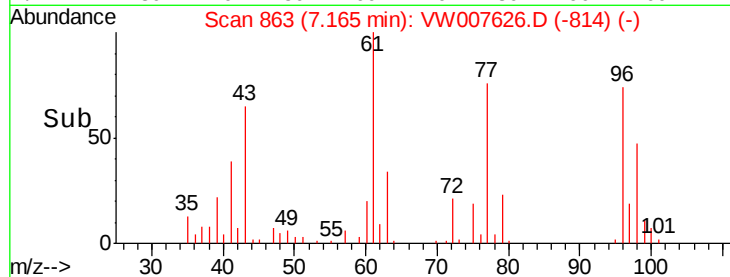
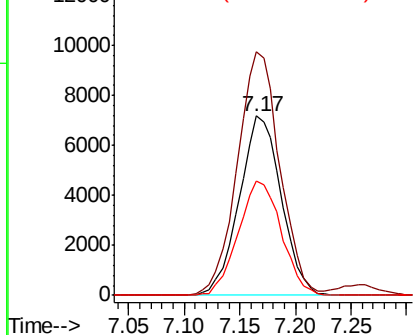
cis-1,2-Dichloroethene
 Concen: 20.462 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 96 Resp: 18798
 Ion Ratio Lower Upper
 96 100
 61 137.2 0.0 268.4
 98 65.3 0.0 127.8



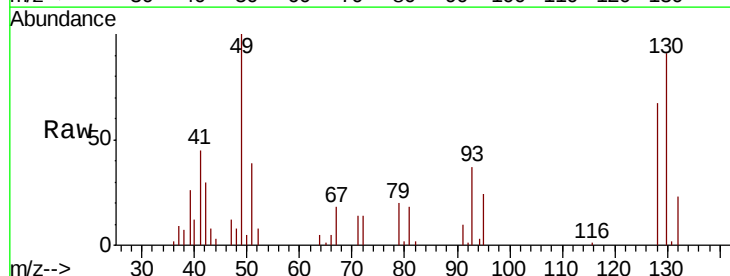
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



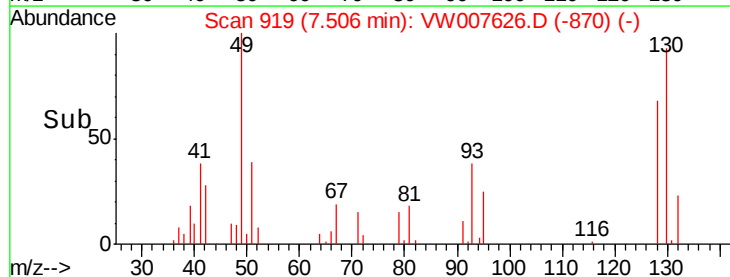
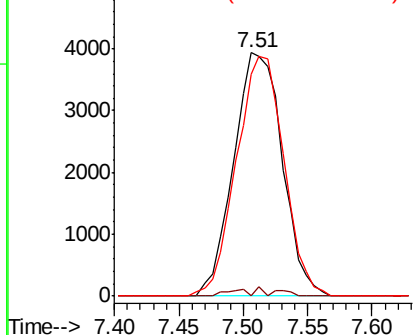
#28

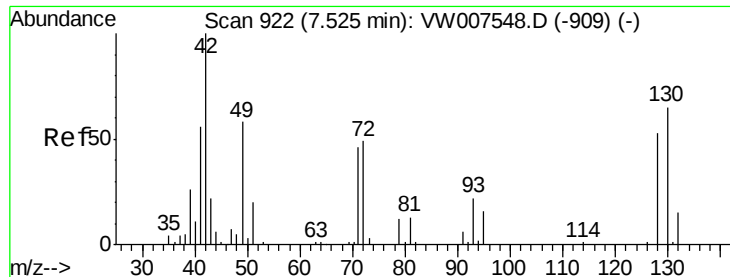
Bromochloromethane
 Concen: 19.104 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Tgt Ion: 49 Resp: 10320
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 2.6
 130 96.1 75.9 113.9



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





#29

Tetrahydrofuran

Concen: 91.321 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

ClientSampled :

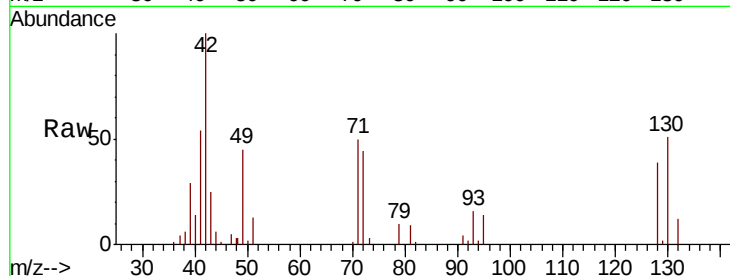
Tot Ion: 42 Resp: 11182

Ion Ratio Lower Upper

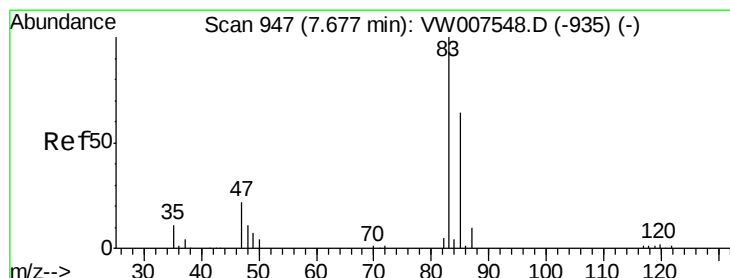
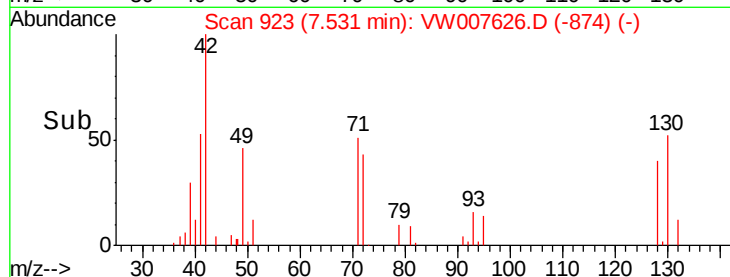
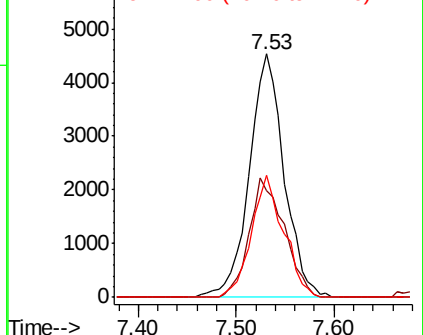
42 100

72 49.3 38.2 57.4

71 46.4 35.5 53.3



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



#30

Chloroform

Concen: 20.371 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW007626.D

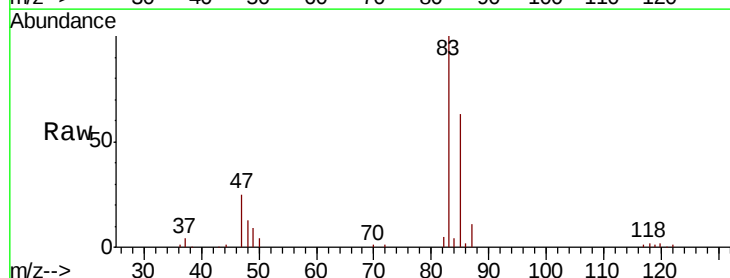
Acq: 17 Dec 2018 12:57

Tgt Ion: 83 Resp: 31838

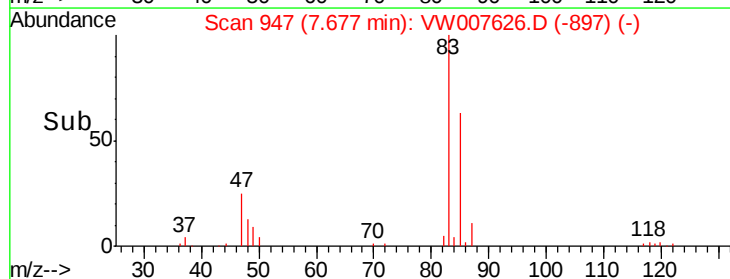
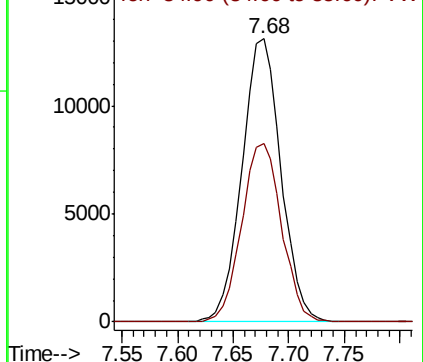
Ion Ratio Lower Upper

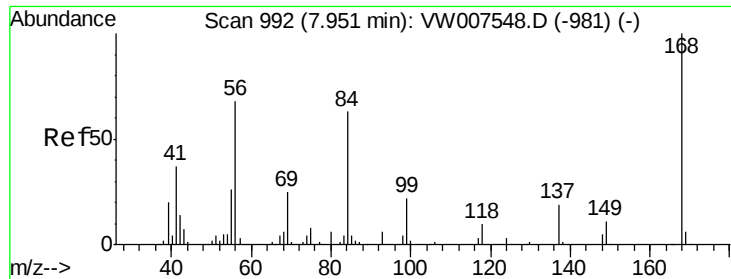
83 100

85 62.8 51.8 77.8



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

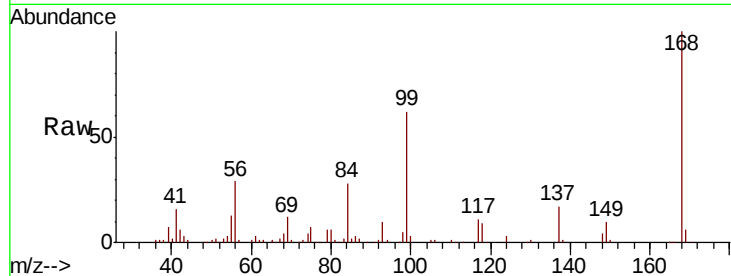




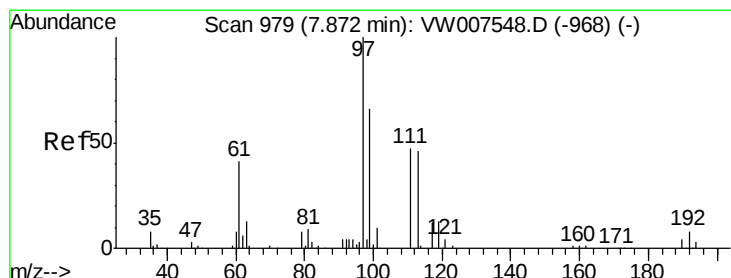
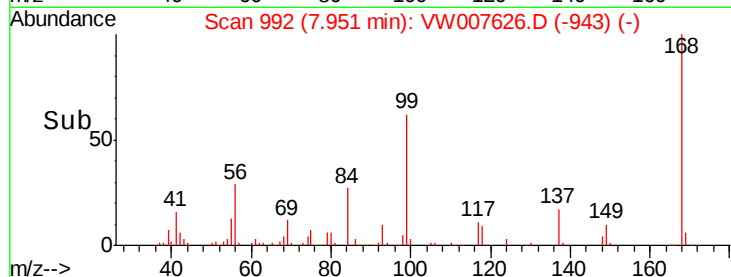
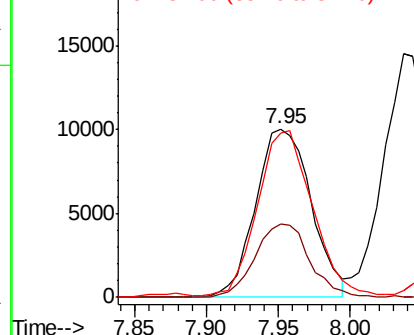
#31
Cyclohexane
Concen: 20.451 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 26948
Ion Ratio Lower Upper
56 100
69 43.6 28.9 43.3#
84 96.8 71.8 107.6

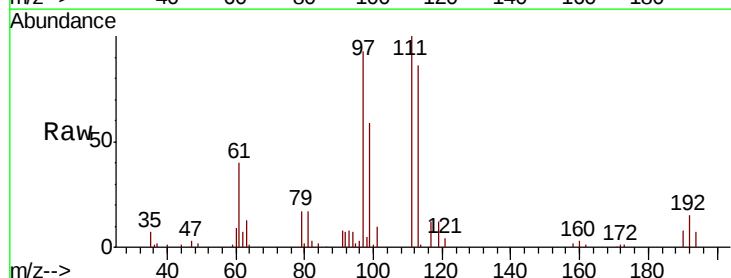


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

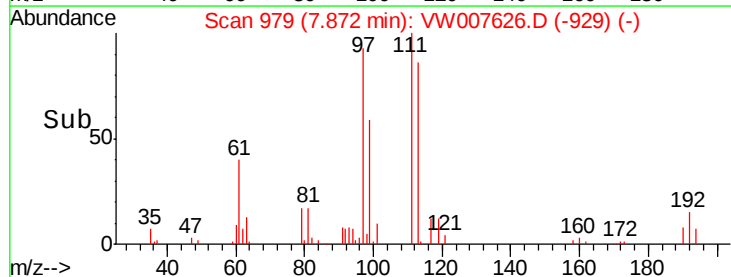
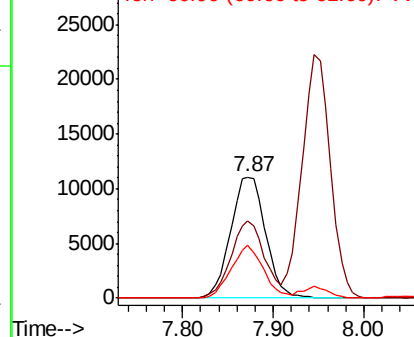


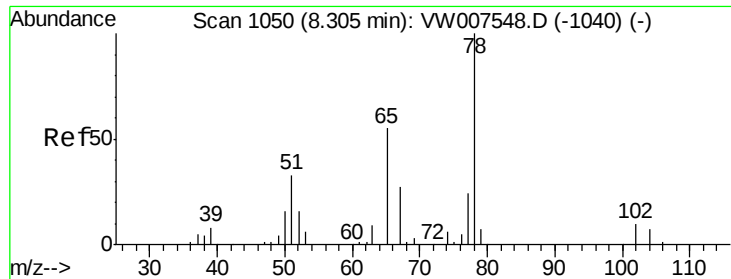
#32
1,1,1-Trichloroethane
Concen: 21.660 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Tgt Ion: 97 Resp: 29687
Ion Ratio Lower Upper
97 100
99 61.2 51.1 76.7
61 40.6 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

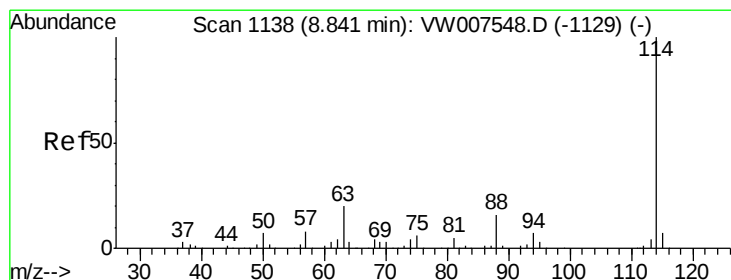
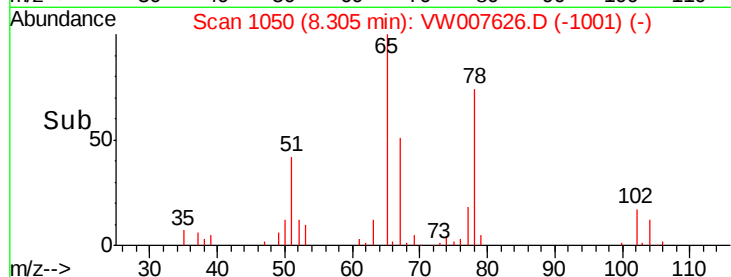
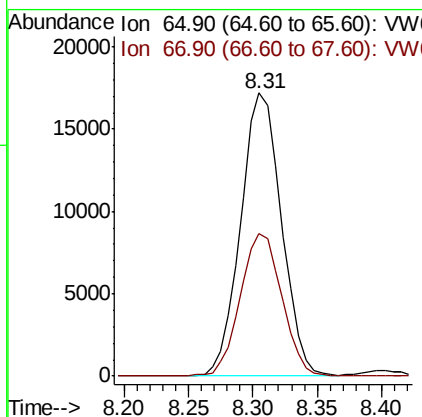
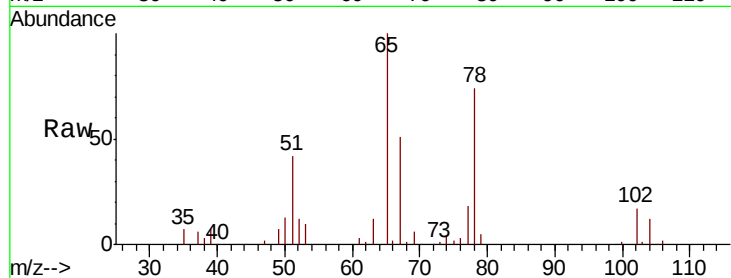




#33
 1,2-Dichloroethane-d4
 Concen: 44.469 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

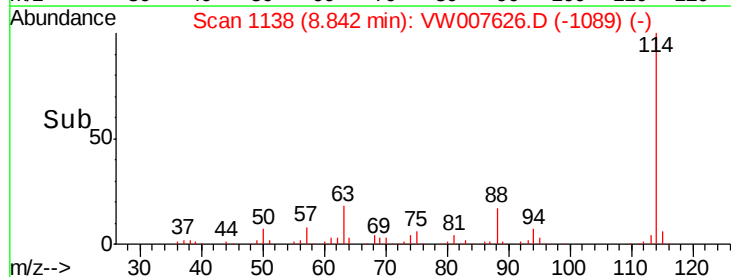
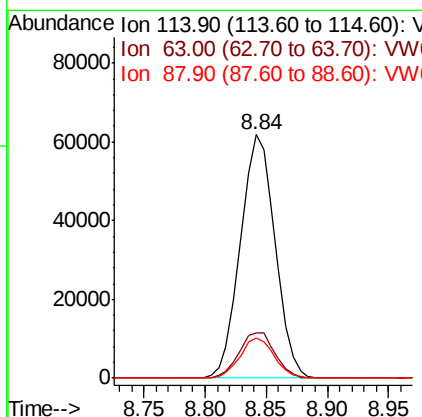
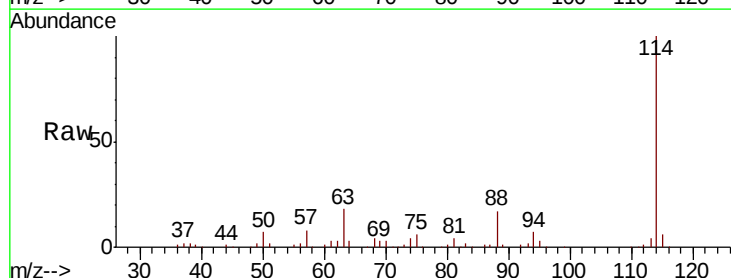
Instrument :
 MSVOA_W
 ClientSampleId :

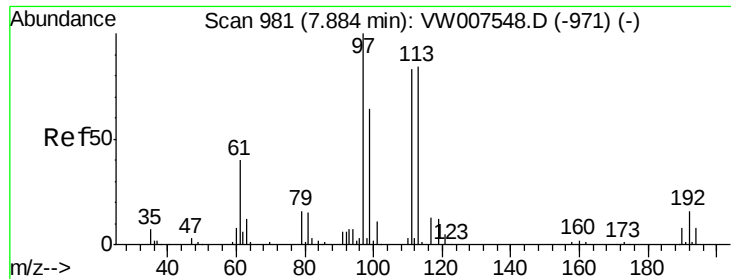
Tot Ion: 65 Resp: 37719
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Tgt Ion: 114 Resp: 121840
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.6
 88 16.6 0.0 31.4

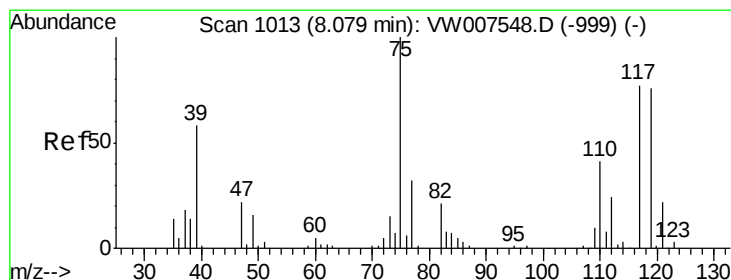
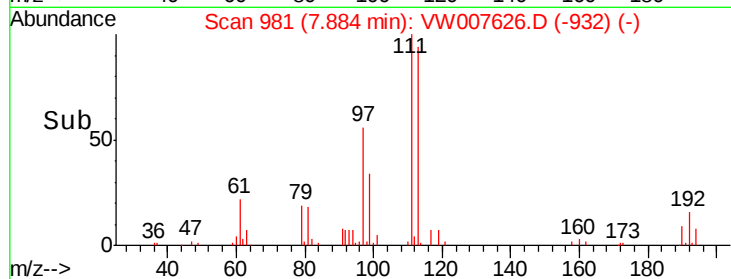
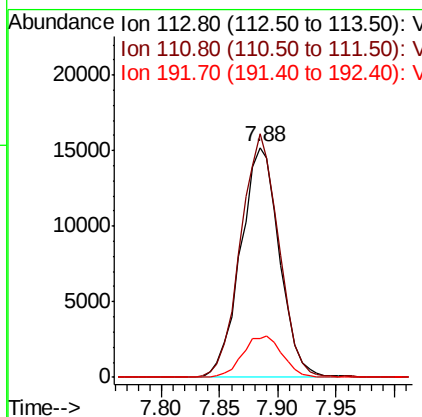
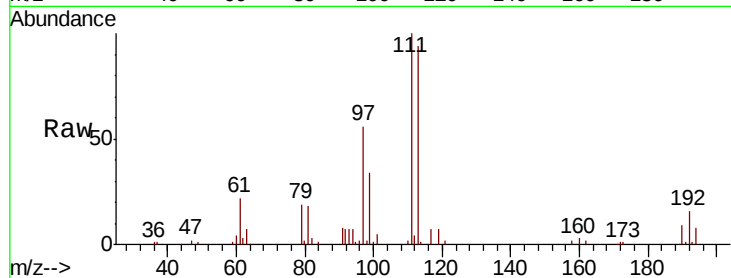




#35
 Dibromofluoromethane
 Concen: 47.952 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

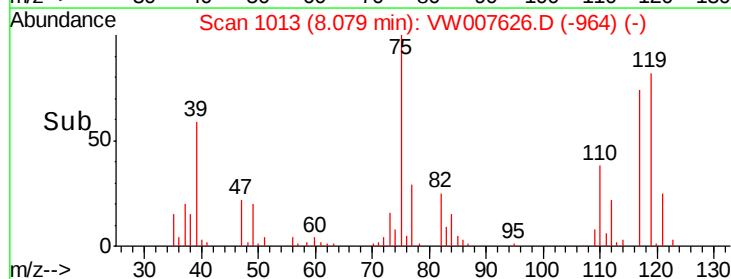
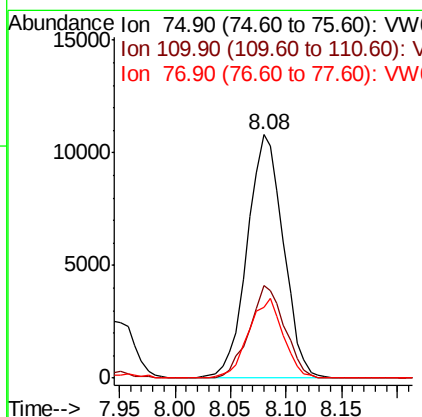
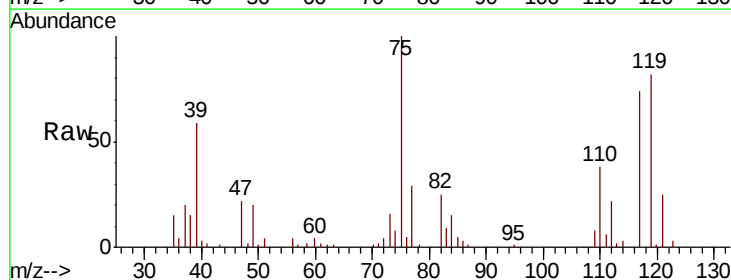
Instrument :
 MSVOA_W
 ClientSampleId :

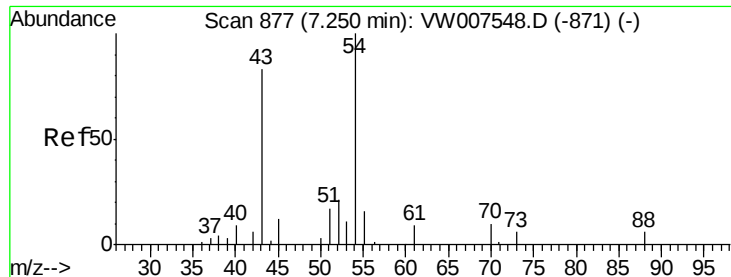
Tot Ion:113 Resp: 35367
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.1 121.7
 192 18.4 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 22.019 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Tgt Ion: 75 Resp: 24473
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.5 55.5
 77 31.6 25.6 38.4

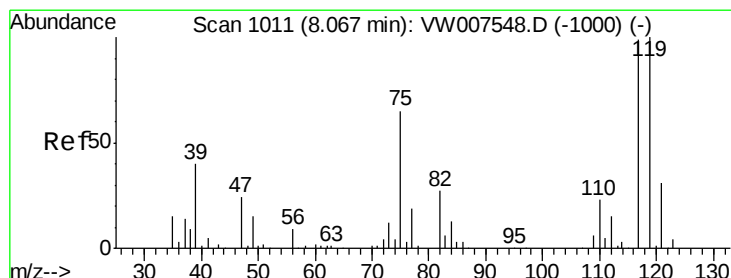
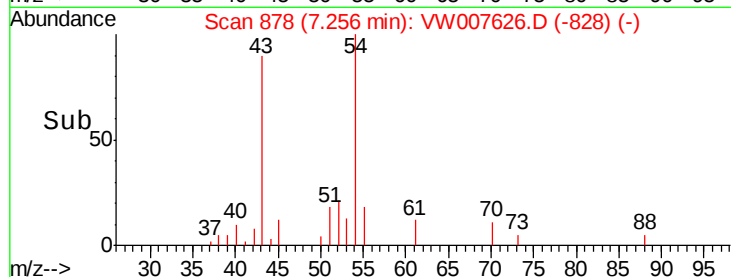
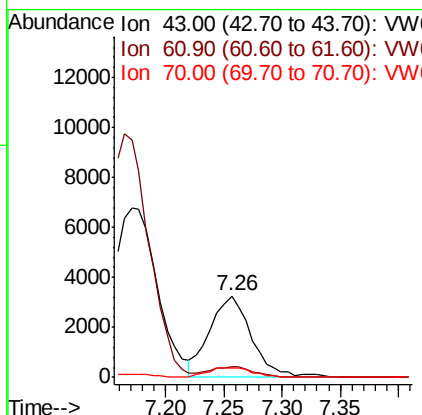
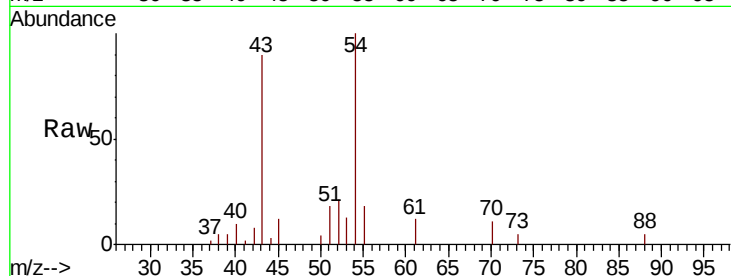




#37
Ethyl Acetate
Concen: 19.611 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

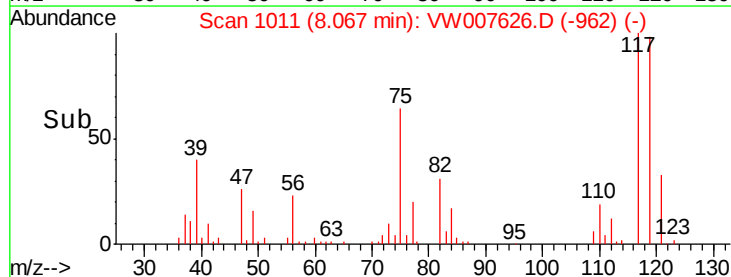
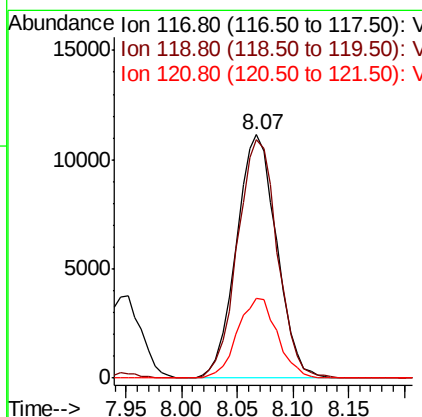
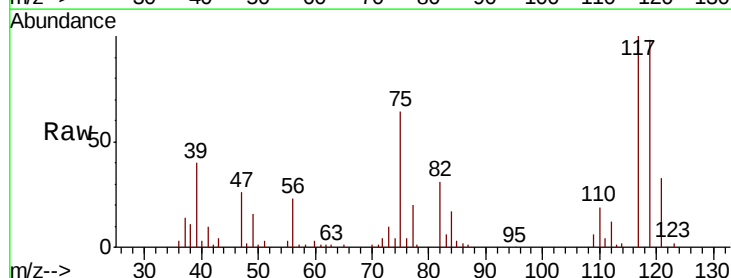
Instrument :
MSVOA_W
ClientSampleId :

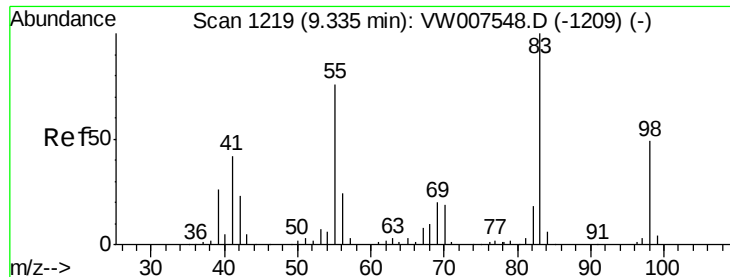
Tot Ion: 43 Resp: 8107
Ion Ratio Lower Upper
43 100
61 13.6 12.1 18.1
70 12.6 10.0 15.0



#38
Carbon Tetrachloride
Concen: 23.156 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Tgt Ion: 117 Resp: 28004
Ion Ratio Lower Upper
117 100
119 97.9 74.3 111.5
121 32.5 24.3 36.5

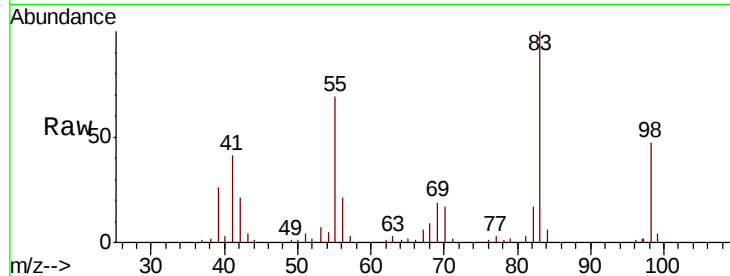




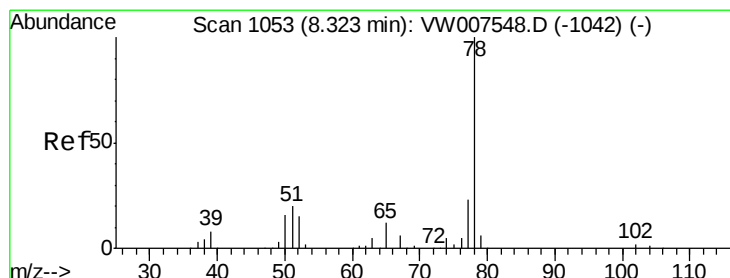
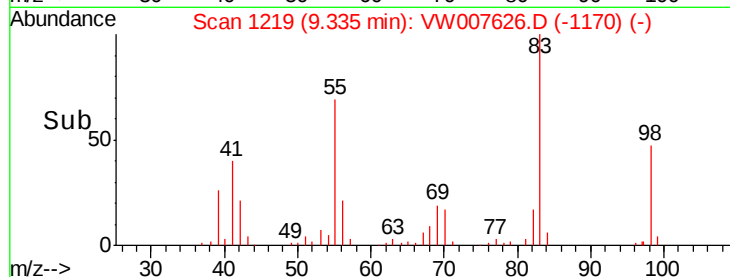
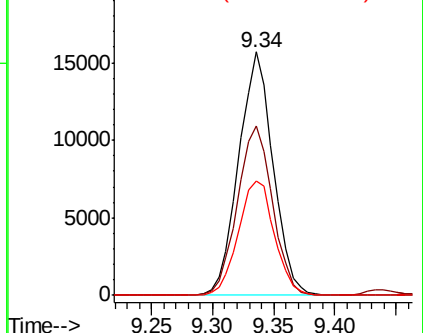
#39
Methvlcvclohexane
Concen: 22.765 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 30639
Ion Ratio Lower Upper
83 100
55 69.5 62.8 94.2
98 47.1 42.2 63.2

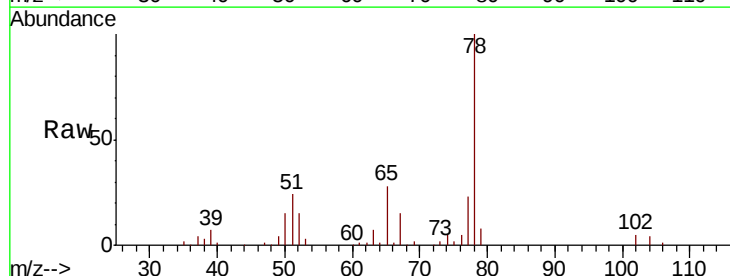


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

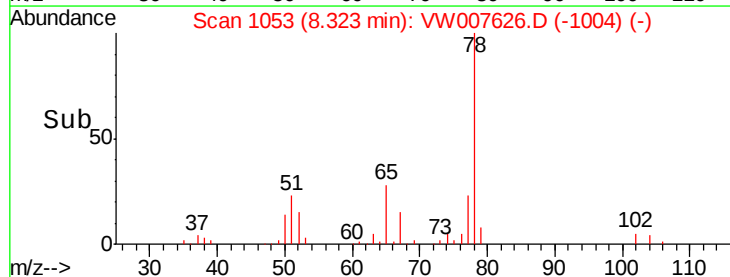
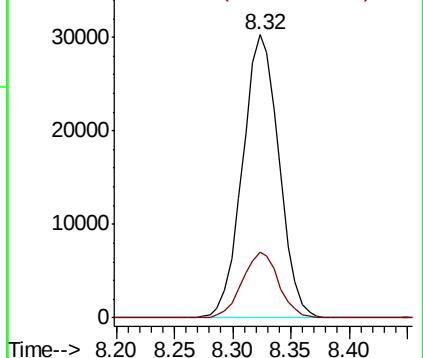


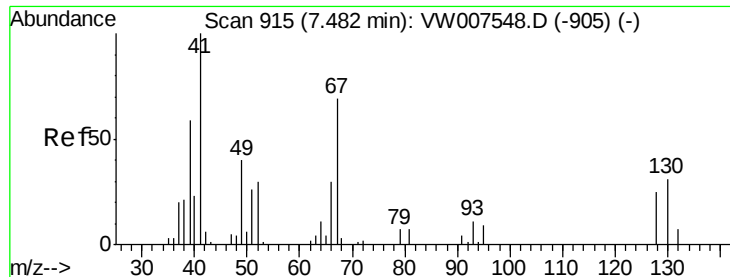
#40
Benzene
Concen: 21.425 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Tgt Ion: 78 Resp: 66087
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

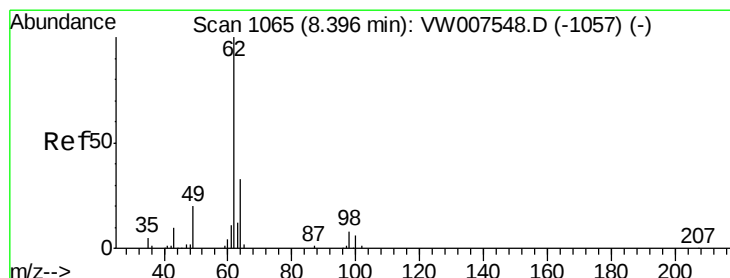
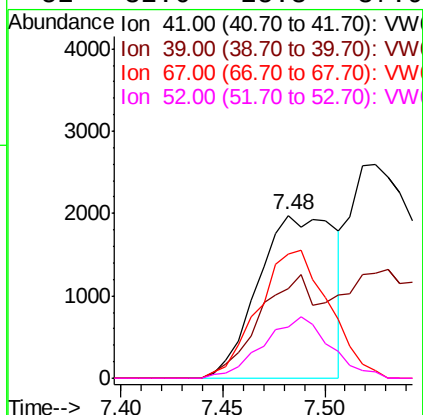
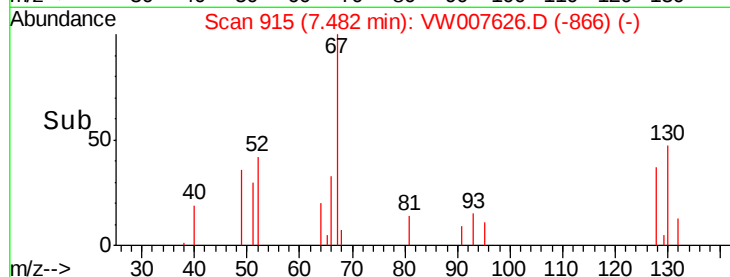
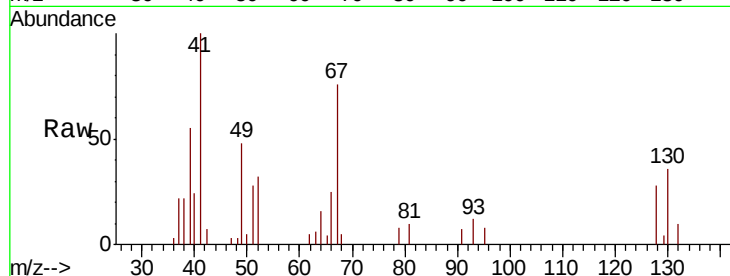




#41
Methacrylonitrile
Concen: 22.115 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

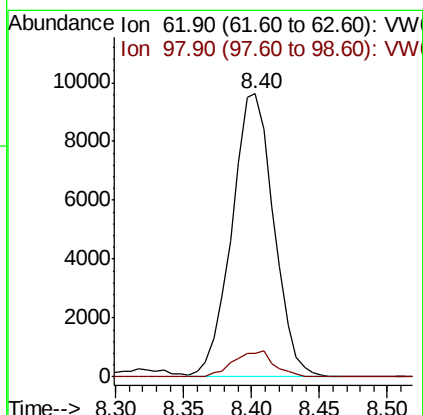
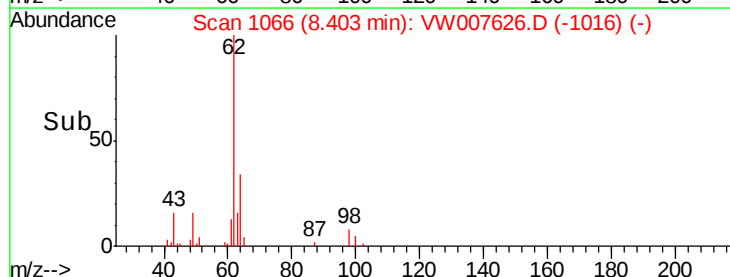
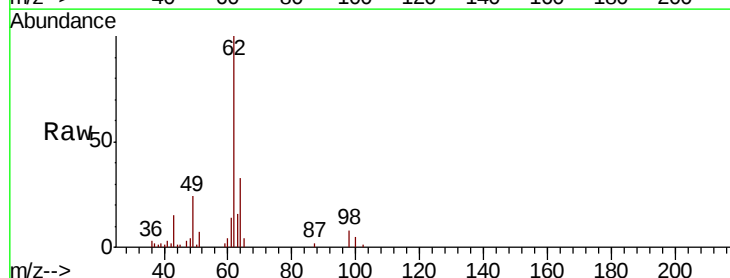
Instrument :
MSVOA_W
ClientSampleId :

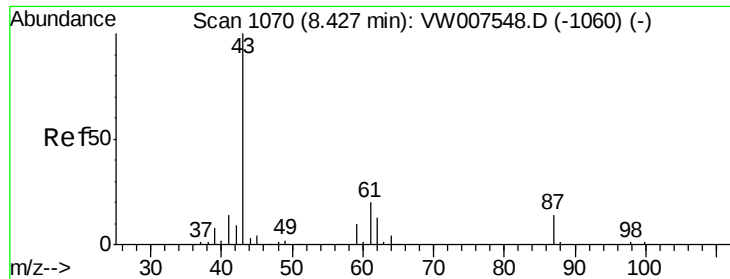
Tot Ion	Ratio	Lower	Upper
41	100		
39	50.4	52.2	78.2#
67	72.1	60.5	90.7
52	32.6	25.3	37.9



#42
1,2-Dichloroethane
Concen: 21.394 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





#43

Isopropyl Acetate

Concen: 19.648 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

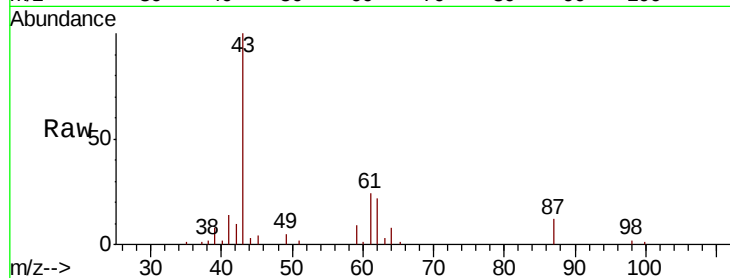
Tot Ion: 43 Resp: 16044

Ion Ratio Lower Upper

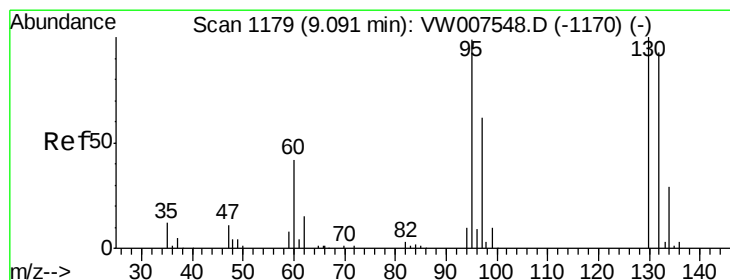
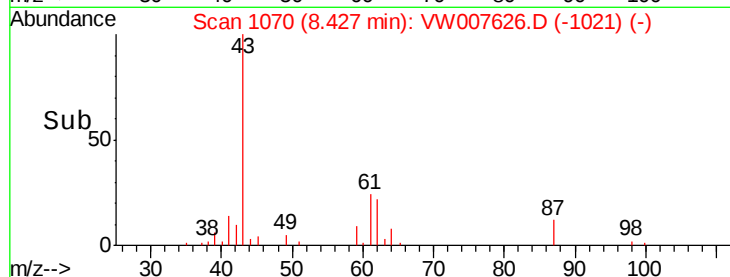
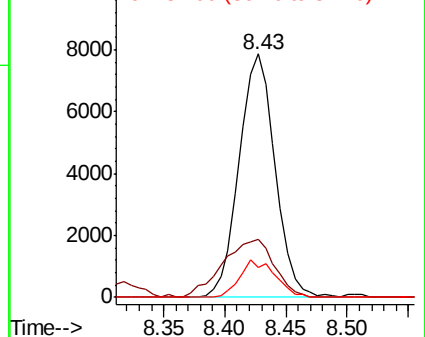
43 100

61 34.2 25.3 37.9

87 15.1 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: 21.626 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007626.D

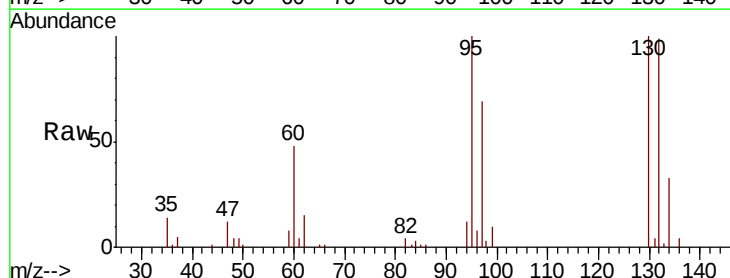
Acq: 17 Dec 2018 12:57

Tgt Ion: 130 Resp: 19048

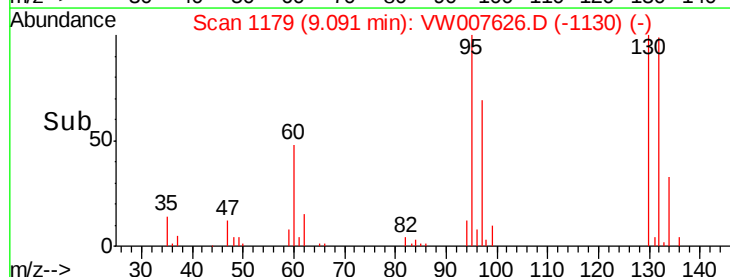
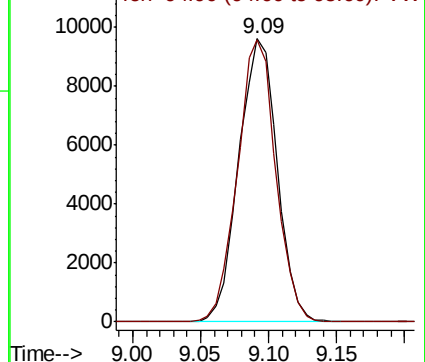
Ion Ratio Lower Upper

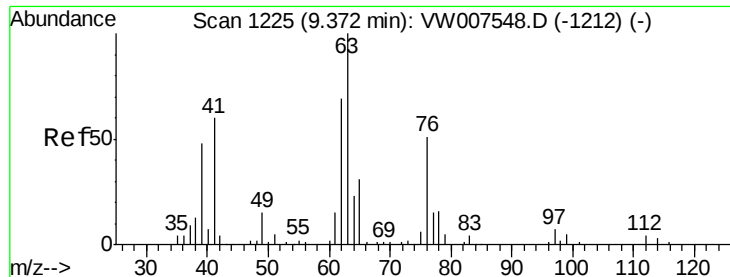
130 100

95 99.6 0.0 193.2



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

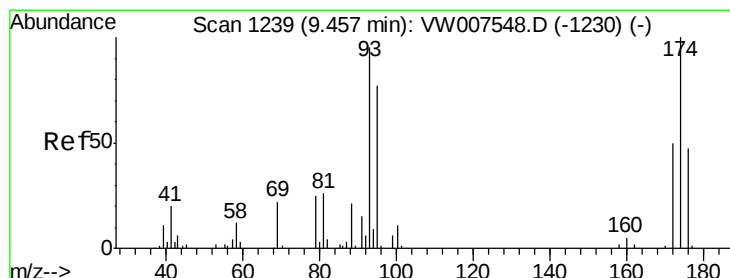
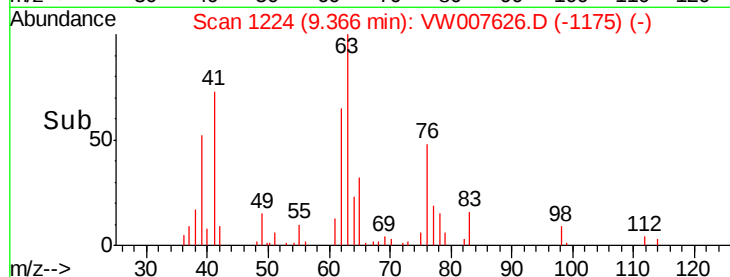
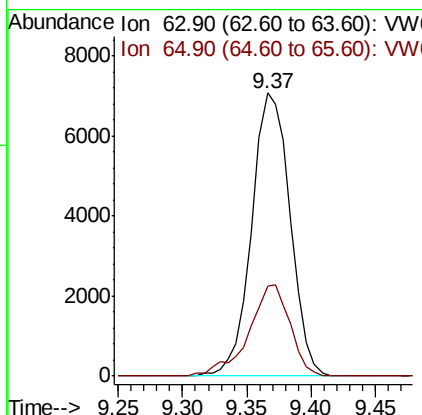
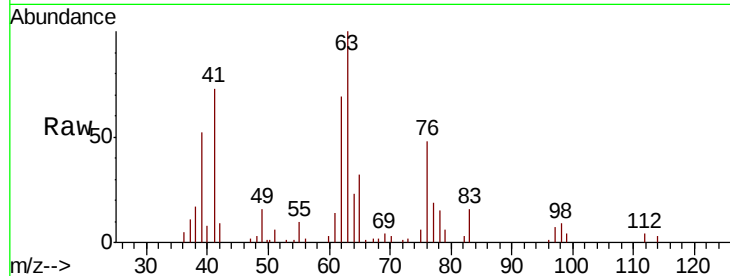




#45
 1,2-Dichloropropane
 Concen: 20.395 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

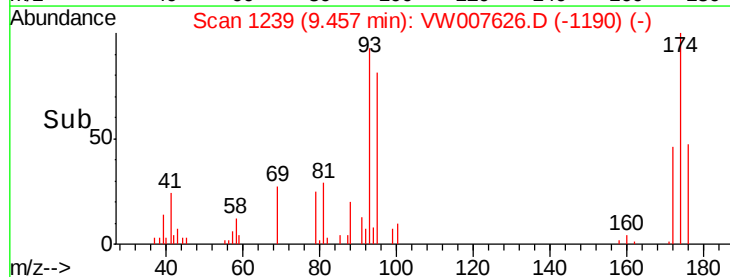
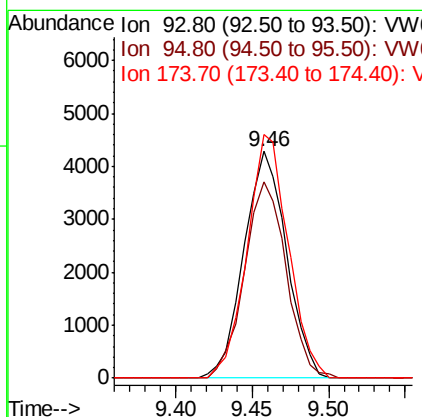
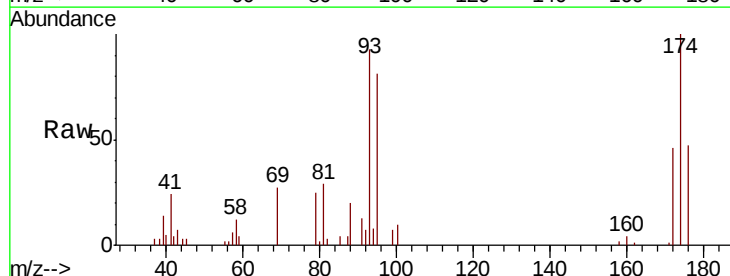
Instrument :
 MSVOA_W
 ClientSampled :

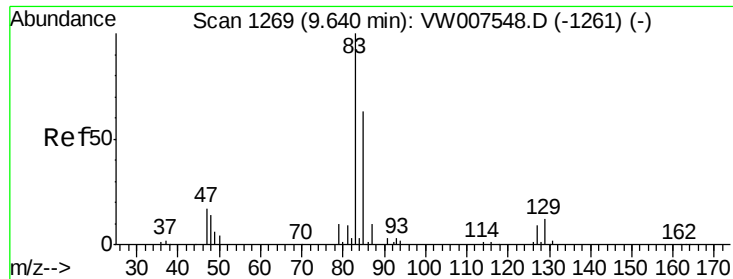
Tot Ion: 63 Resp: 14558
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.4 36.6



#46
 Dibromomethane
 Concen: 20.469 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Tgt Ion: 93 Resp: 8297
 Ion Ratio Lower Upper
 93 100
 95 84.8 68.0 102.0
 174 103.7 83.2 124.8





#47

Bromodichloromethane

Concen: 21.343 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

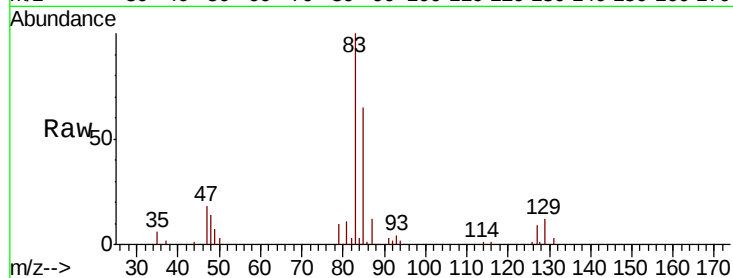
Tot Ion: 83 Resp: 22693

Ion Ratio Lower Upper

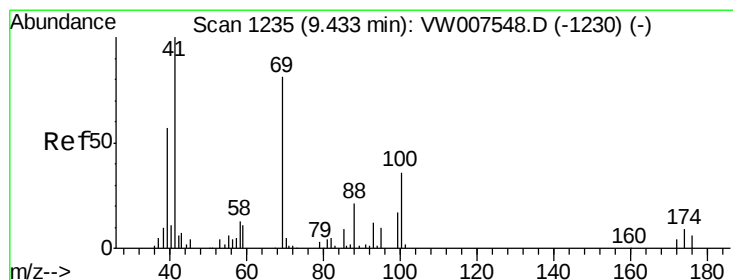
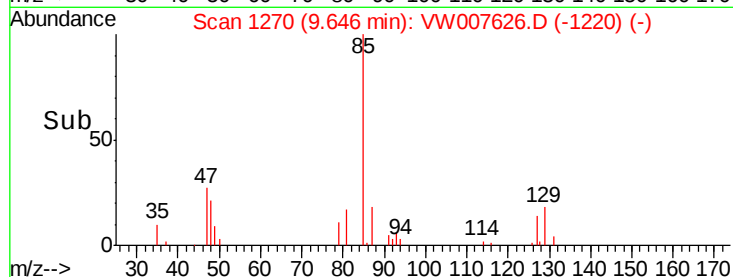
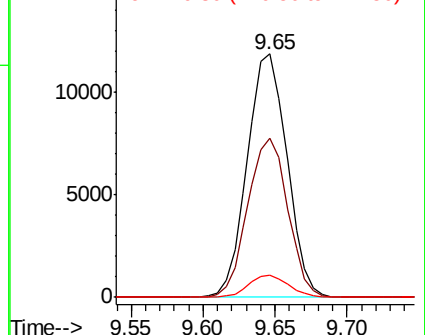
83 100

85 65.5 47.6 71.4

127 9.0 6.7 10.1



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



#48

Methyl methacrylate

Concen: 18.964 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

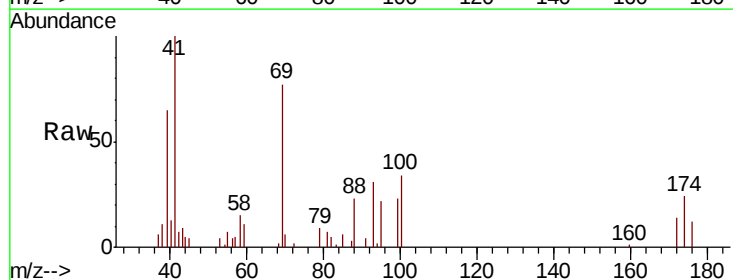
Tgt Ion: 41 Resp: 7953

Ion Ratio Lower Upper

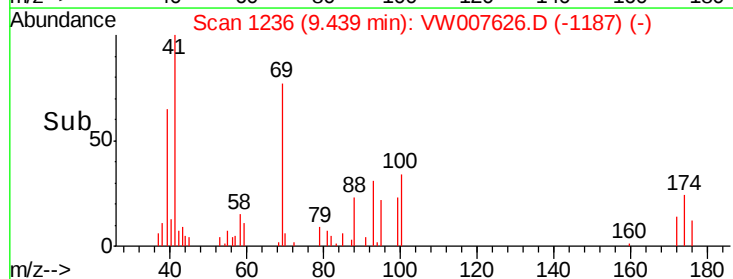
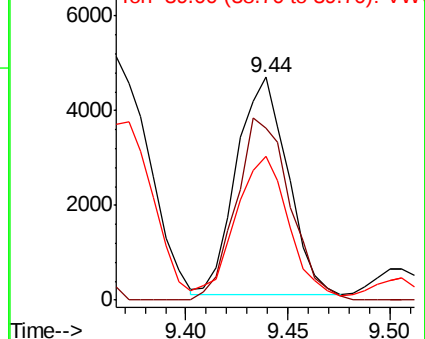
41 100

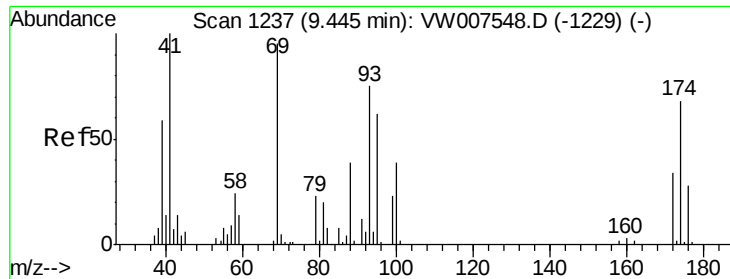
69 88.8 69.8 104.8

39 65.2 50.9 76.3



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





#49

1,4-Dioxane

Concen: 406.561 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

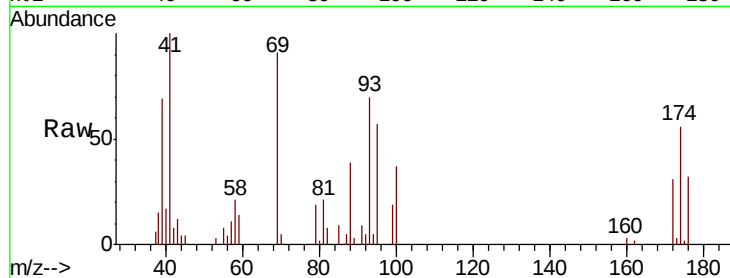
Tot Ion: 88 Resp: 2674

Ion Ratio Lower Upper

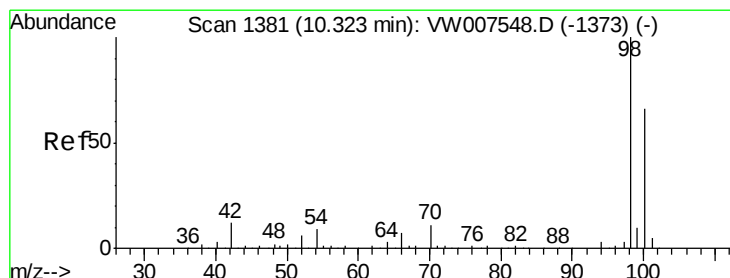
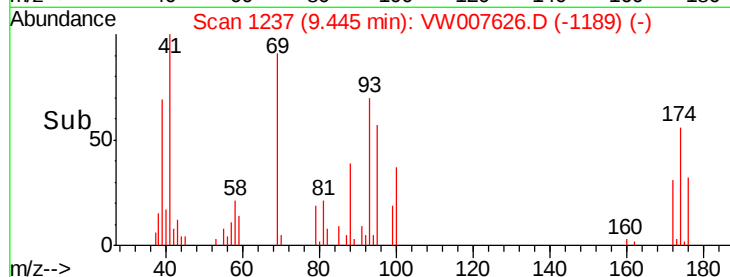
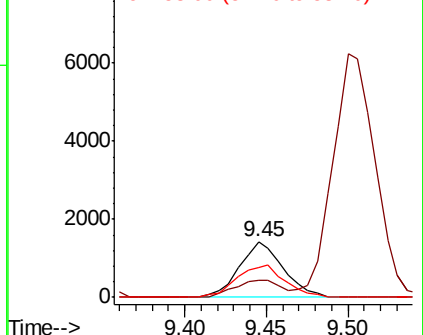
88 100

43 32.1 25.0 37.4

58 63.4 51.4 77.2



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



#50

Toluene-d8

Concen: 47.621 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007626.D

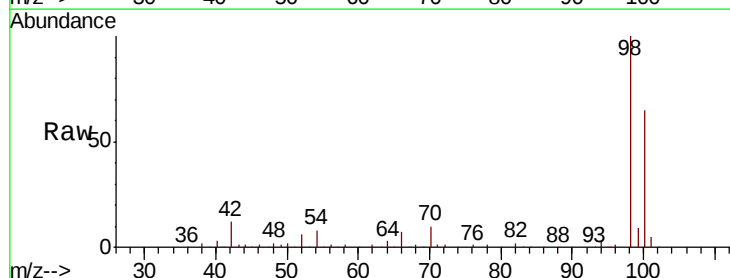
Acq: 17 Dec 2018 12:57

Tgt Ion: 98 Resp: 131692

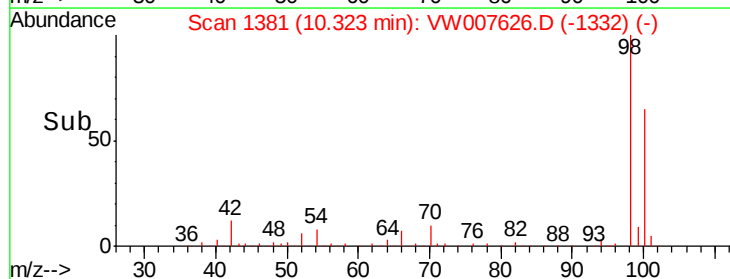
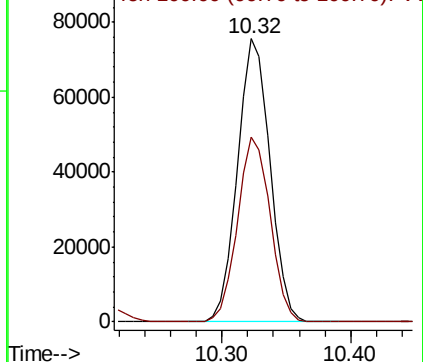
Ion Ratio Lower Upper

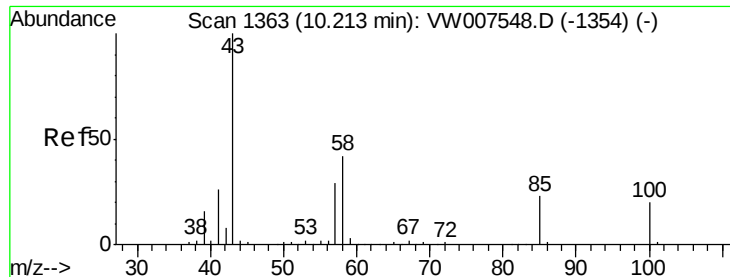
98 100

100 65.6 51.8 77.8



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





#51

4-Methyl-2-Pentanone

Concen: 94.136 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

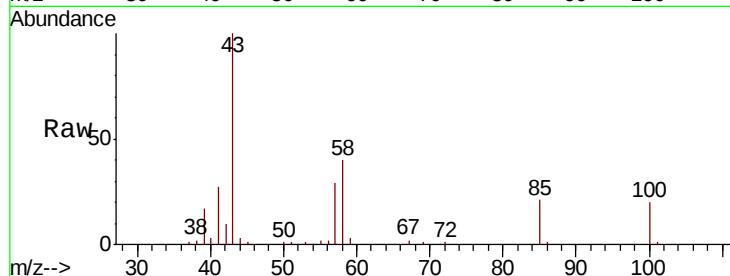
ClientSampled :

Tot Ion: 43 Resp: 36321

Ion Ratio Lower Upper

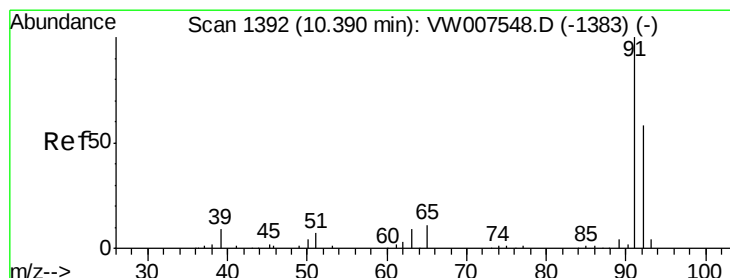
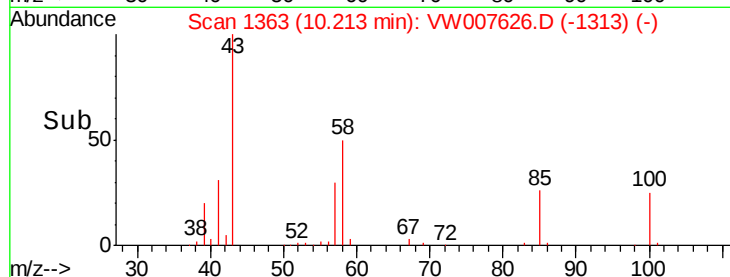
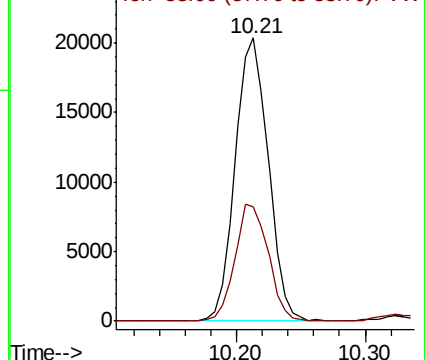
43 100

58 41.2 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: 21.679 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007626.D

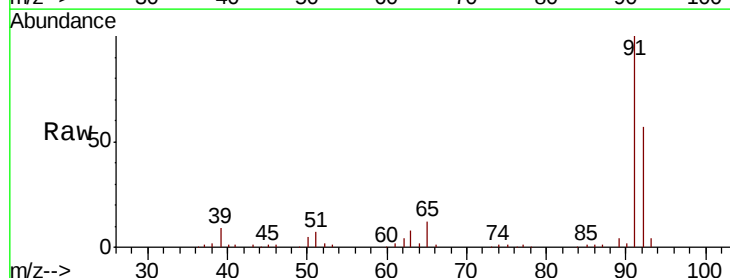
Acq: 17 Dec 2018 12:57

Tgt Ion: 92 Resp: 43274

Ion Ratio Lower Upper

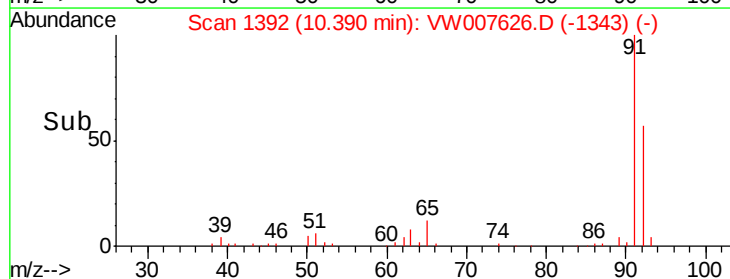
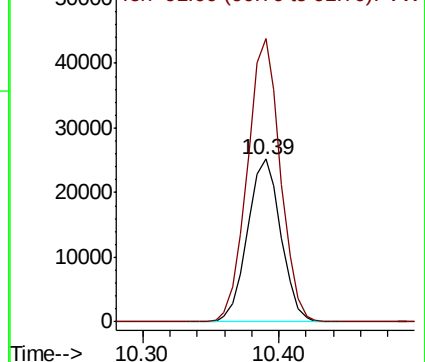
92 100

91 172.2 136.2 204.2



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: 21.830 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

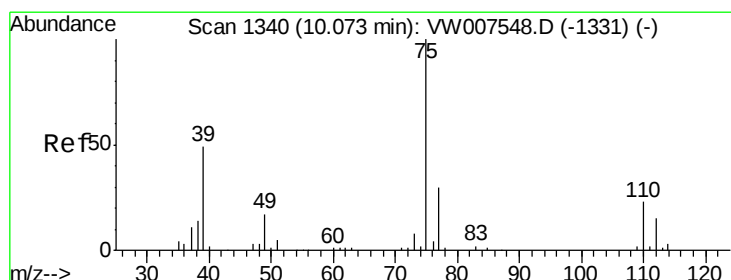
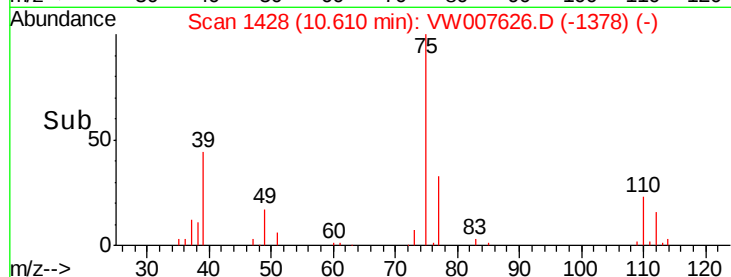
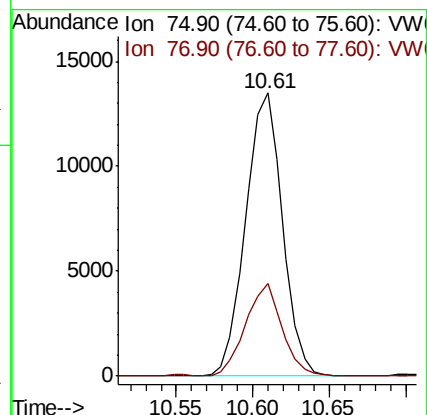
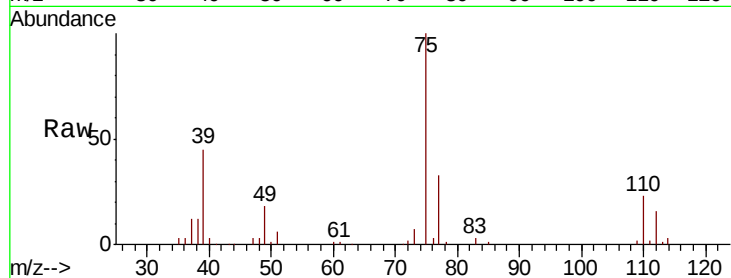
ClientSampled :

Tot Ion: 75 Resp: 22534

Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 20.652 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

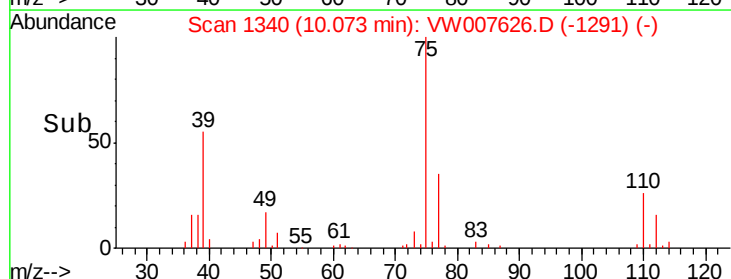
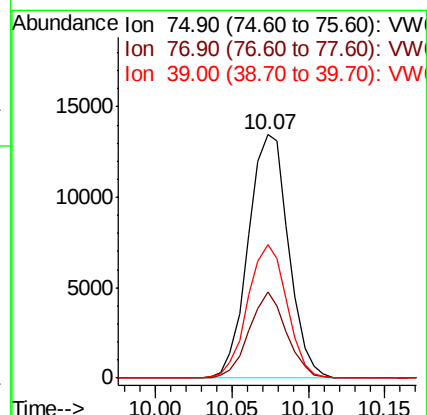
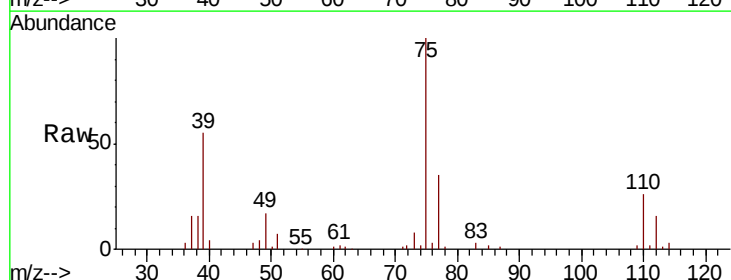
Tgt Ion: 75 Resp: 24644

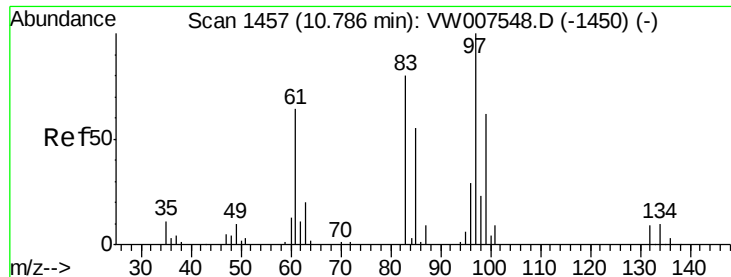
Ion Ratio Lower Upper

75 100

77 35.4 24.8 37.2

39 54.9 40.9 61.3

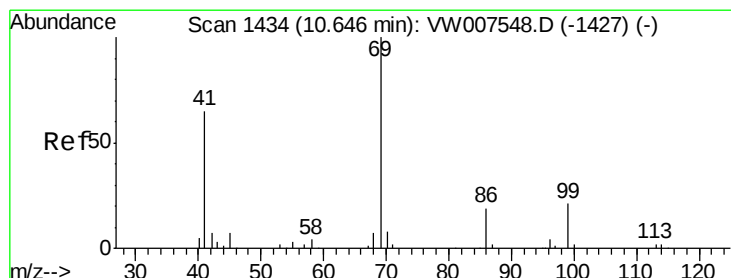
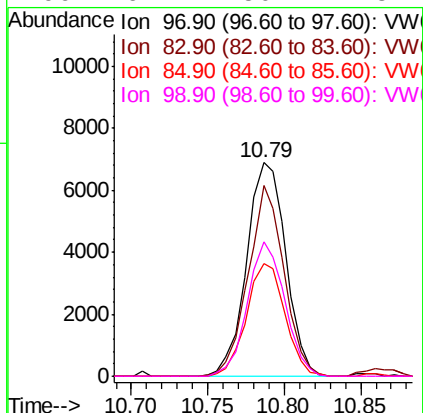
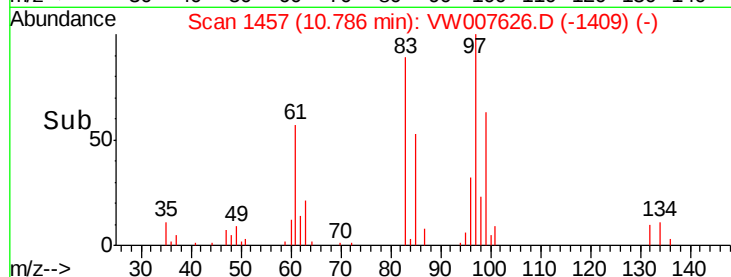
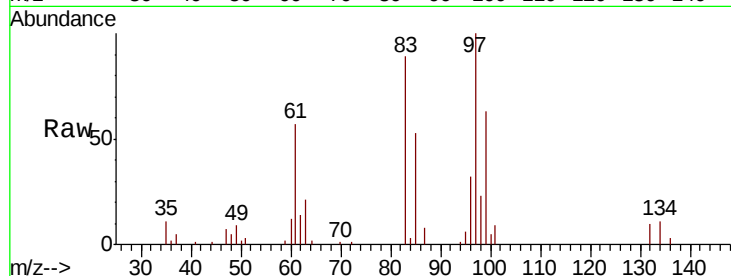




#55
 1,1,2-Trichloroethane
 Concen: 22.292 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

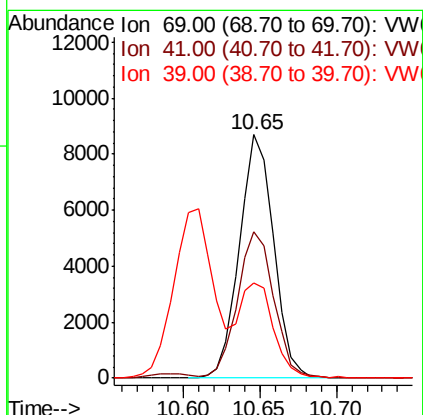
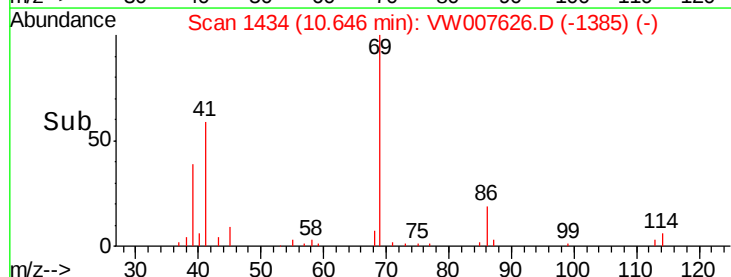
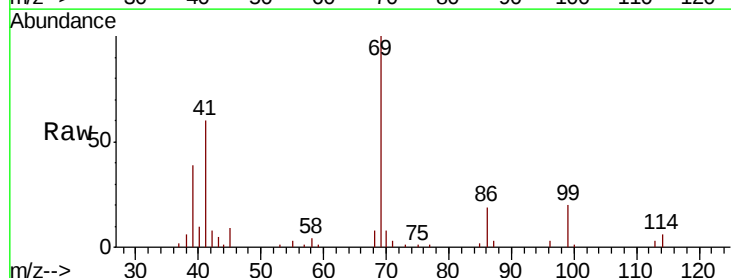
Instrument :
 MSVOA_W
 ClientSampleId :

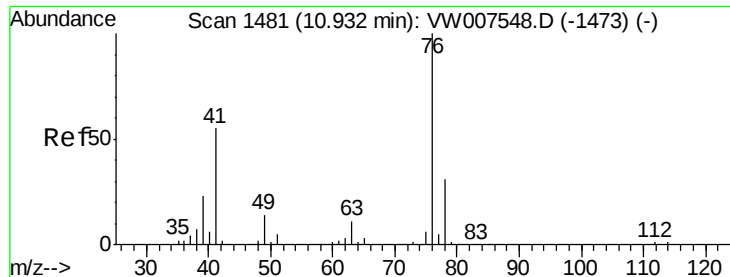
Tot Ion:	97	Resp:	12298
Ion	Ratio	Lower	Upper
97	100		
83	89.3	62.1	93.1
85	52.9	44.2	66.4
99	62.7	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 20.389 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Tgt Ion:	69	Resp:	13520
Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.0	76.6
39	40.8	30.8	46.2

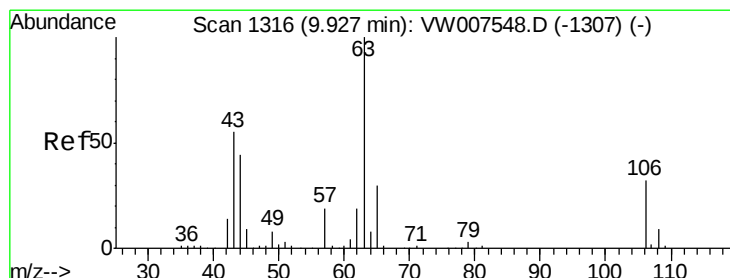
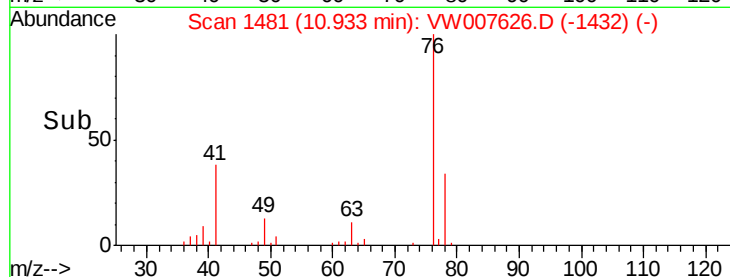
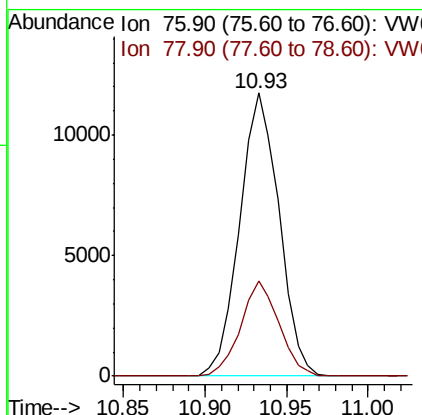
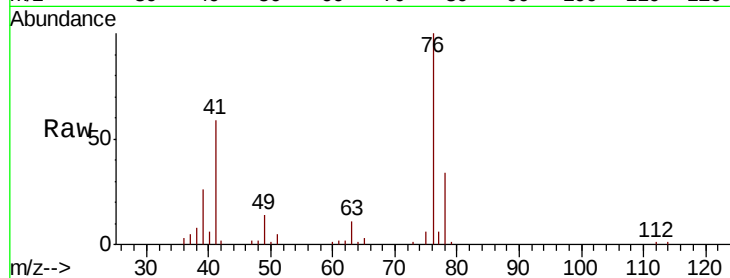




#57
 1,3-Dichloropropane
 Concen: 21.830 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

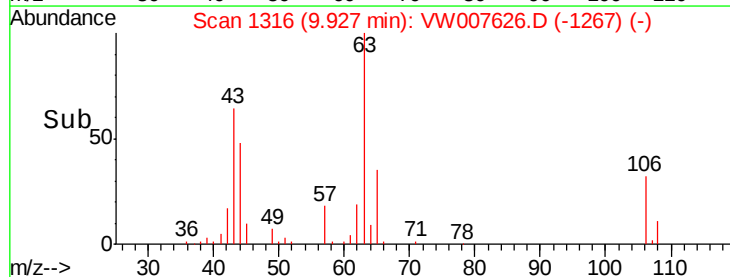
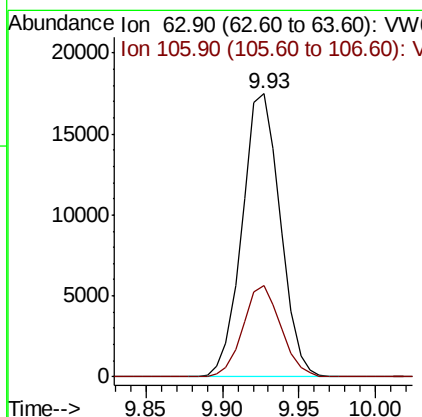
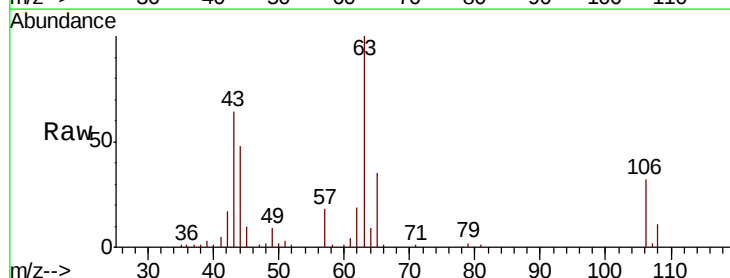
Instrument :
 MSVOA_W
 ClientSampled :

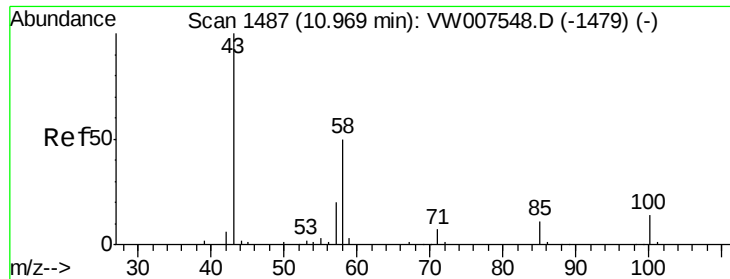
Tot Ion: 76 Resp: 19767
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.993 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Tgt Ion: 63 Resp: 30271
 Ion Ratio Lower Upper
 63 100
 106 32.3 25.0 37.6





#59

2-Hexanone

Concen: 109.098 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

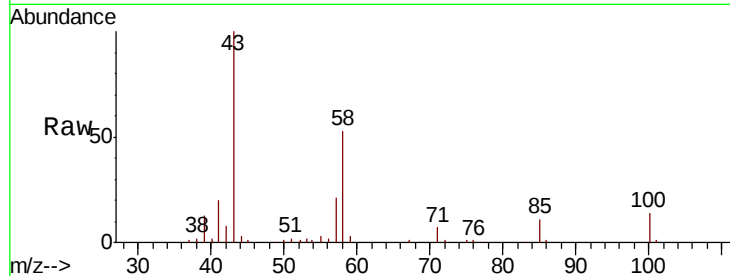
ClientSampleId :

Tot Ion: 43 Resp: 28068

Ion Ratio Lower Upper

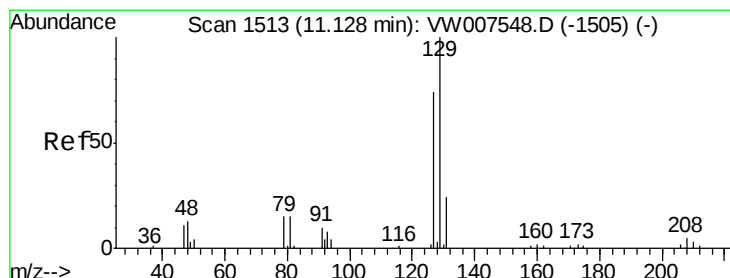
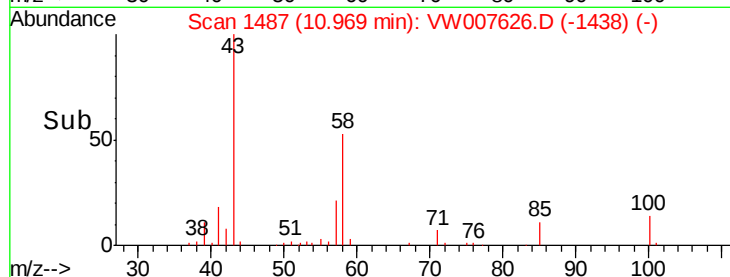
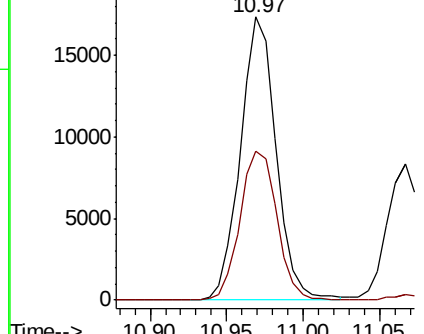
43 100

58 54.4 27.1 81.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 22.306 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007626.D

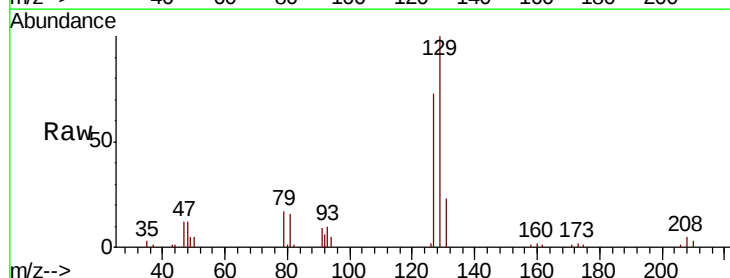
Acq: 17 Dec 2018 12:57

Tgt Ion:129 Resp: 15530

Ion Ratio Lower Upper

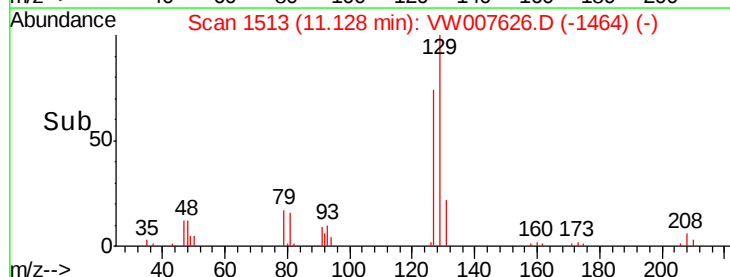
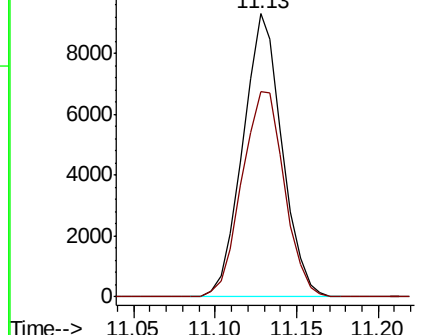
129 100

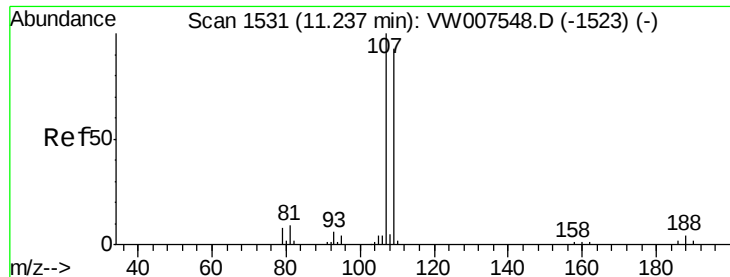
127 78.6 38.1 114.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

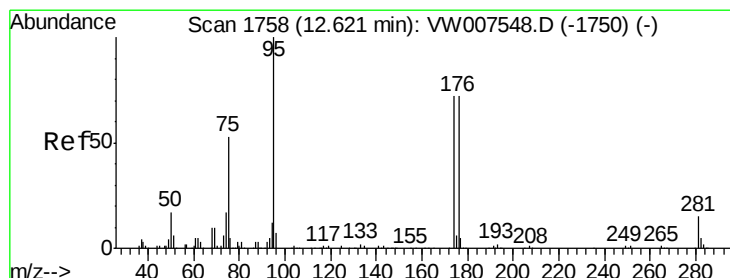
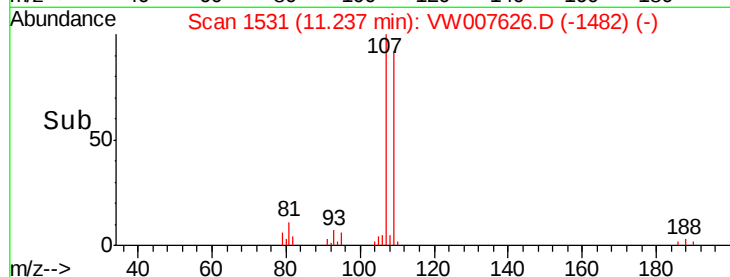
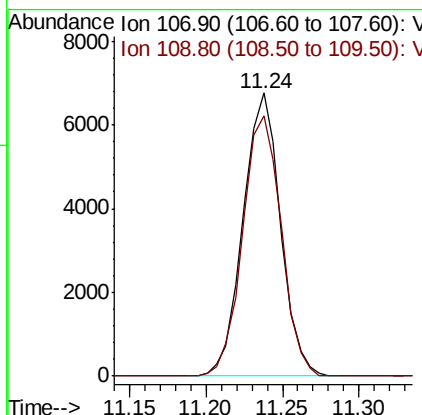
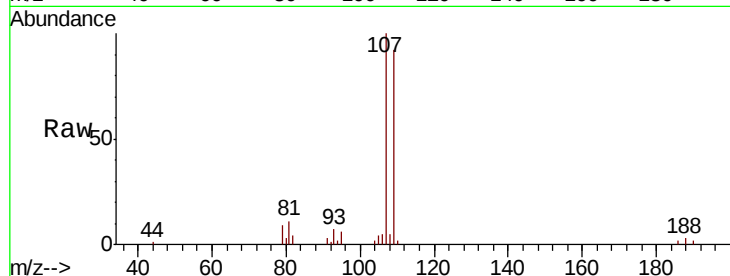




#61
 1,2-Dibromoethane
 Concen: 21.059 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

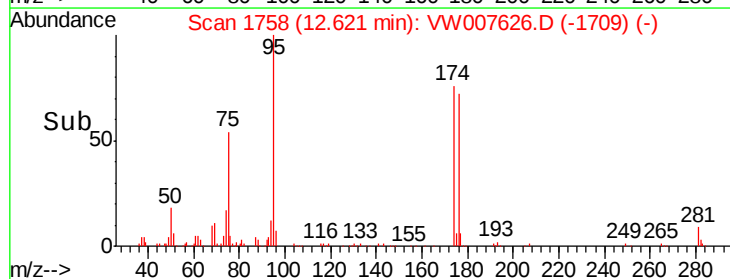
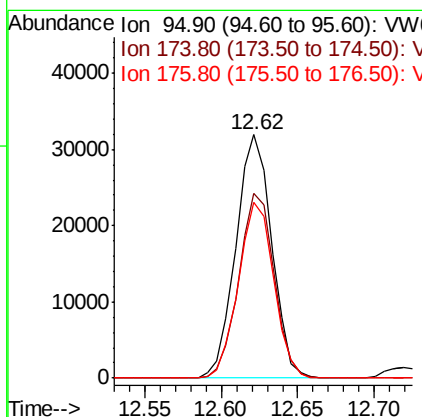
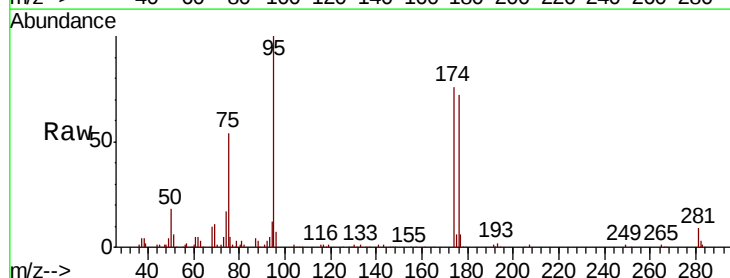
Instrument :
 MSVOA_W
 ClientSampleId :

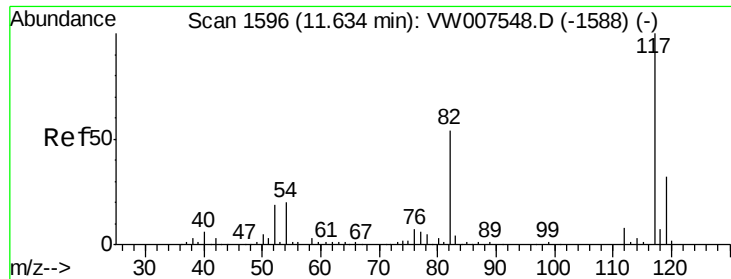
Tot Ion:107 Resp: 11481
 Ion Ratio Lower Upper
 107 100
 109 94.8 79.1 118.7



#62
 4-Bromofluorobenzene
 Concen: 50.984 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Tgt Ion: 95 Resp: 51839
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 147.2
 176 71.7 0.0 138.8

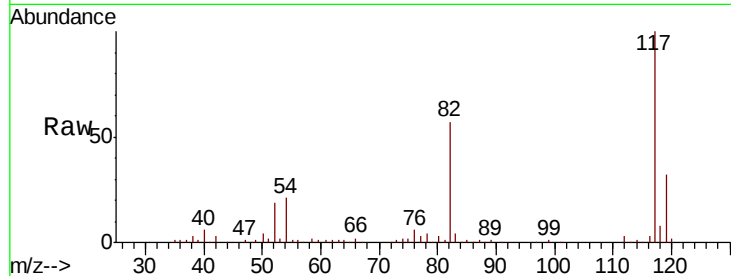




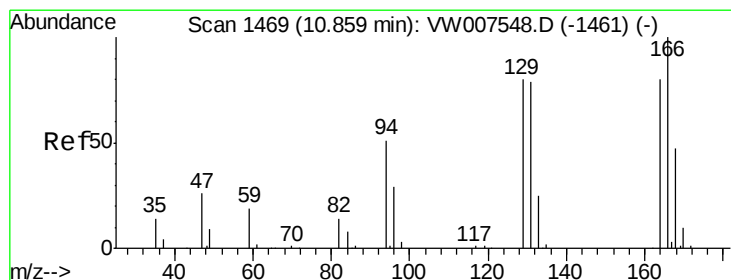
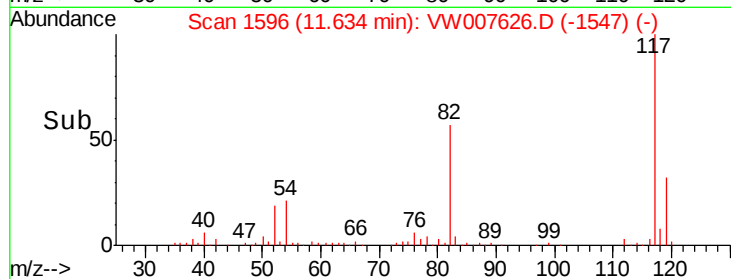
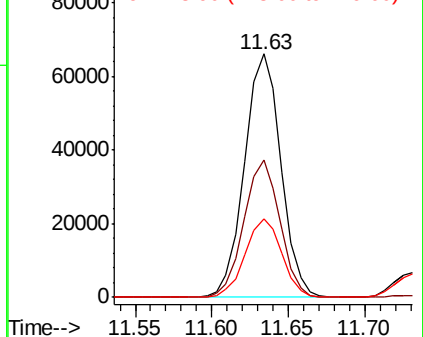
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 109549
Ion Ratio Lower Upper
117 100
82 56.5 42.3 63.5
119 32.3 23.0 34.6

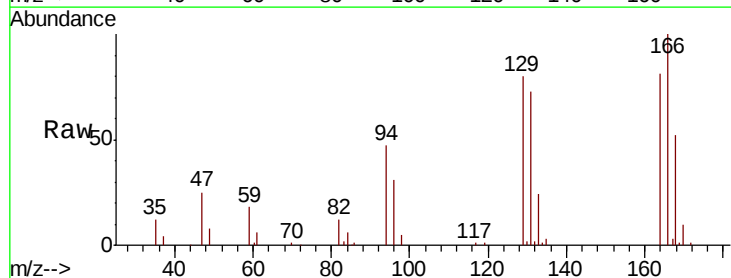


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

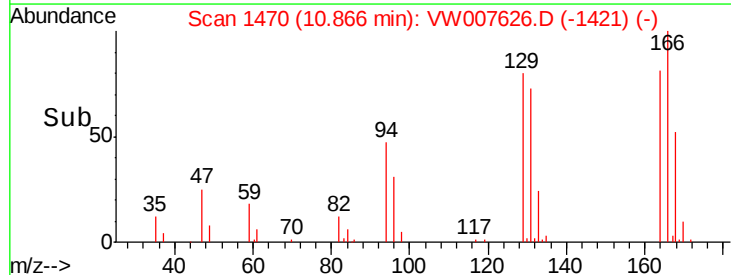
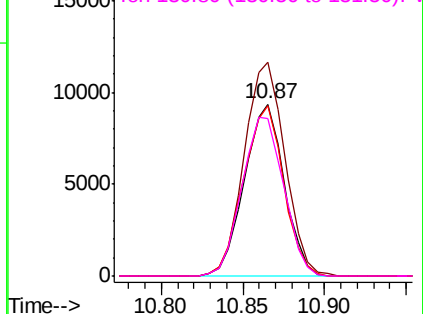


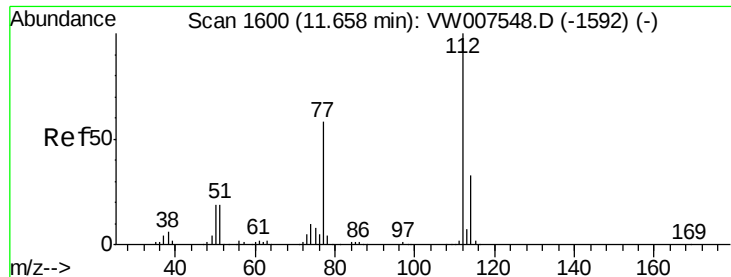
#64
Tetrachloroethene
Concen: 20.152 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Tgt Ion:164 Resp: 15876
Ion Ratio Lower Upper
164 100
166 124.1 107.9 161.9
129 98.7 73.4 110.2
131 91.1 75.8 113.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

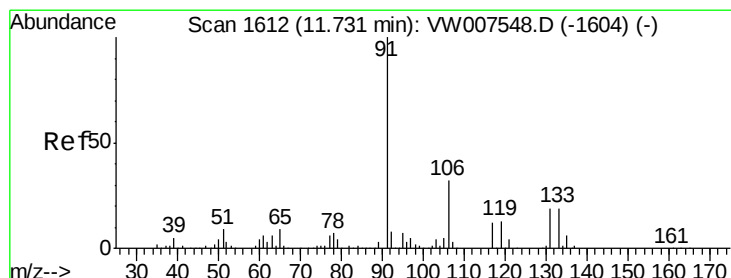
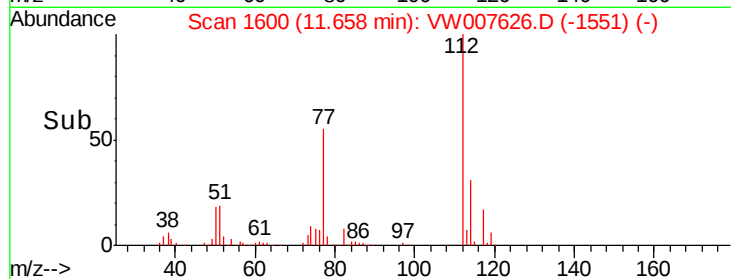
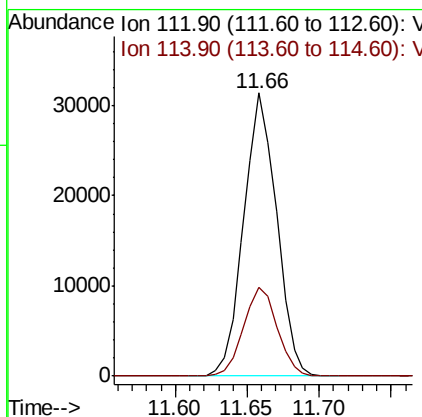
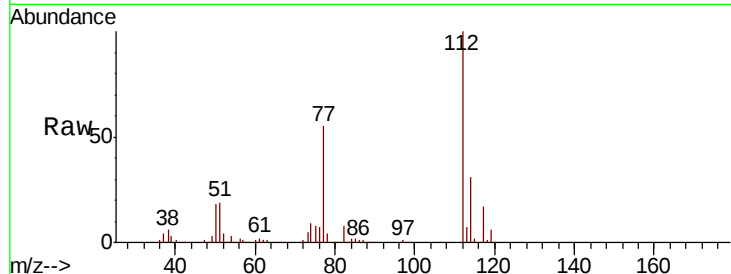




#65
Chlorobenzene
Concen: 21.706 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

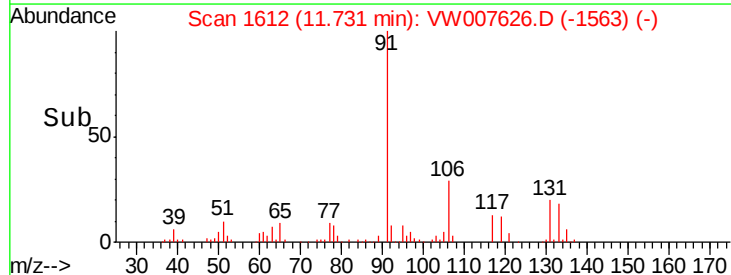
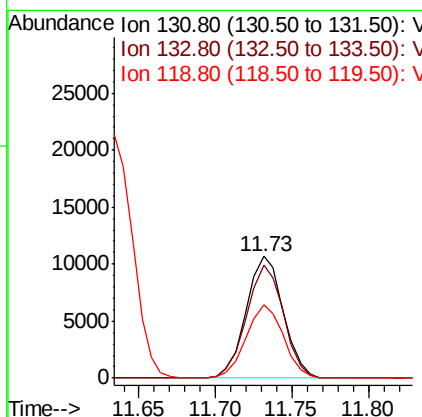
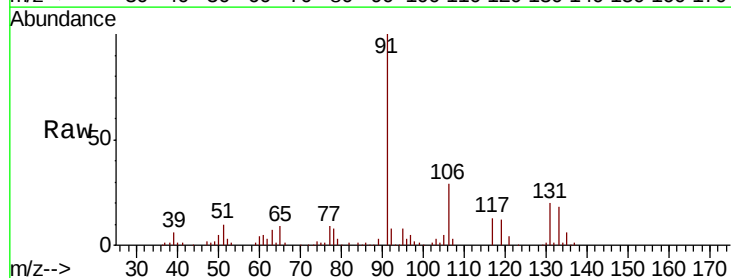
Instrument :
MSVOA_W
ClientSampleId :

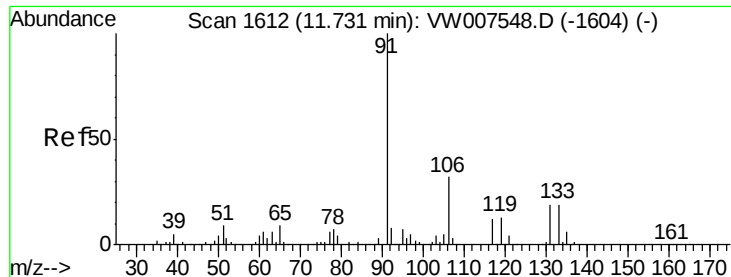
Tot Ion:112 Resp: 49562
Ion Ratio Lower Upper
112 100
114 31.3 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 22.355 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Tgt Ion:131 Resp: 17978
Ion Ratio Lower Upper
131 100
133 92.6 47.1 141.4
119 60.6 31.3 93.9

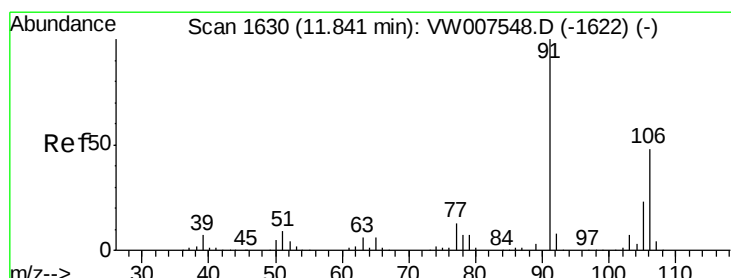
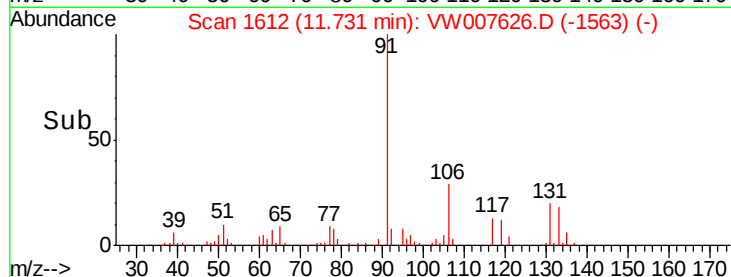
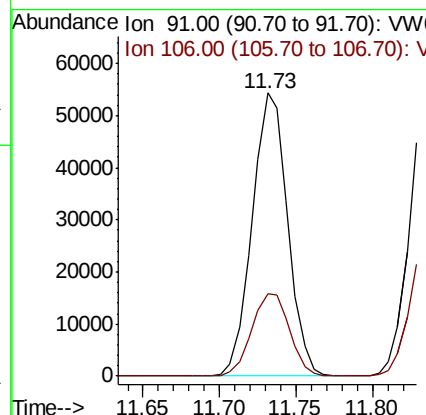
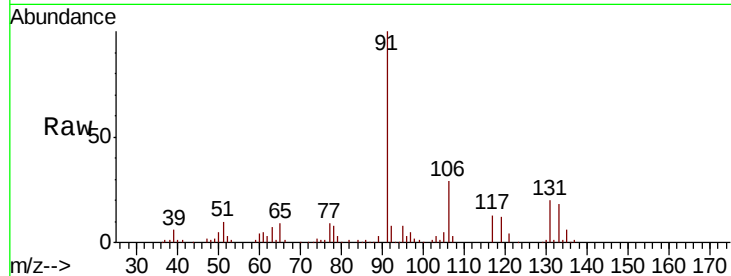




#67
Ethyl Benzene
Concen: 22.290 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

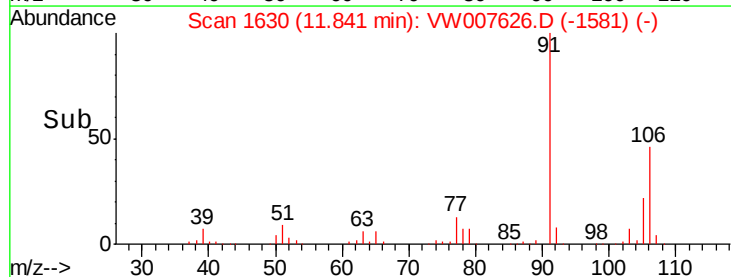
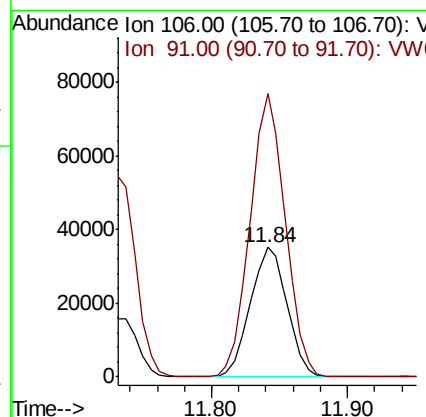
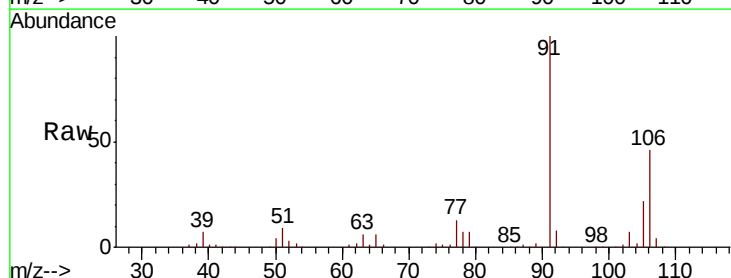
Instrument :
MSVOA_W
ClientSampled :

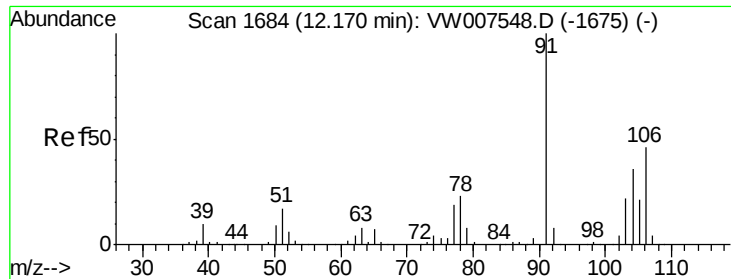
Tot Ion: 91 Resp: 87506
Ion Ratio Lower Upper
91 100
106 29.2 21.8 32.8



#68
m/p-Xylenes
Concen: 43.615 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Tgt Ion: 106 Resp: 66563
Ion Ratio Lower Upper
106 100
91 209.7 165.3 247.9

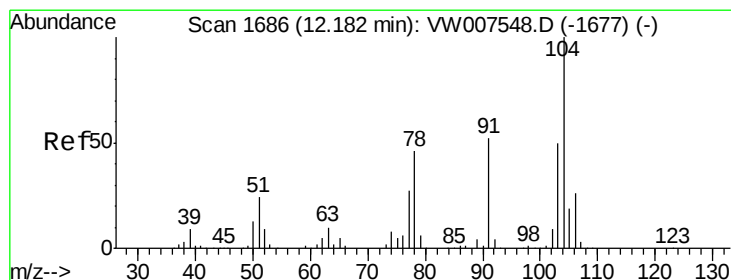
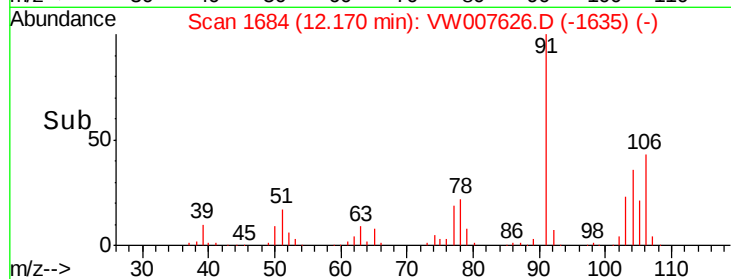
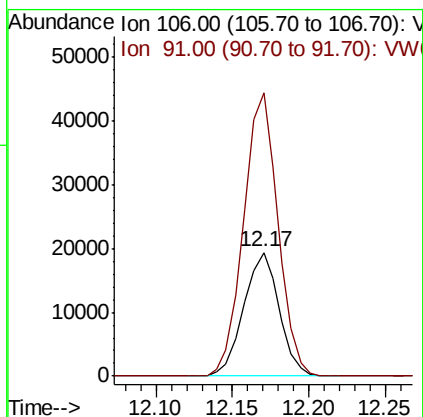
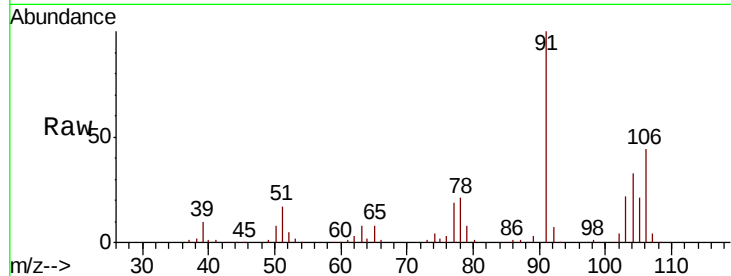




#69
o-Xylene
Concen: 21.809 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

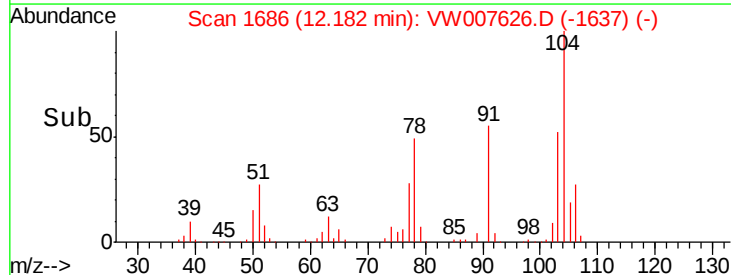
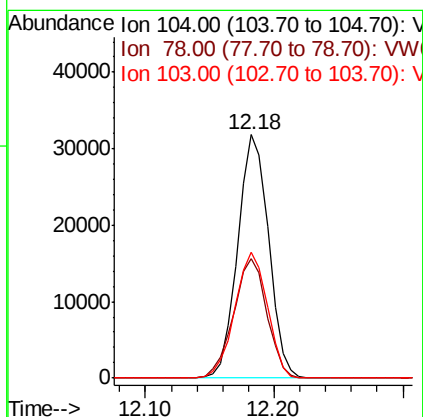
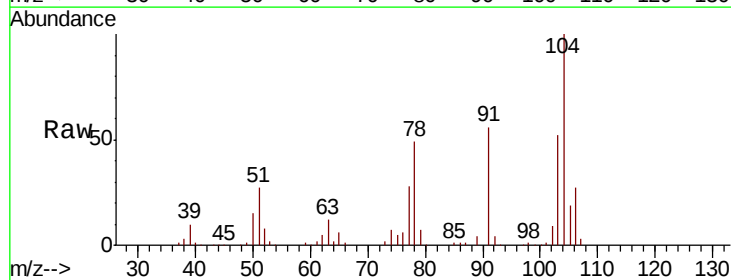
Instrument :
MSVOA_W
ClientSampled :

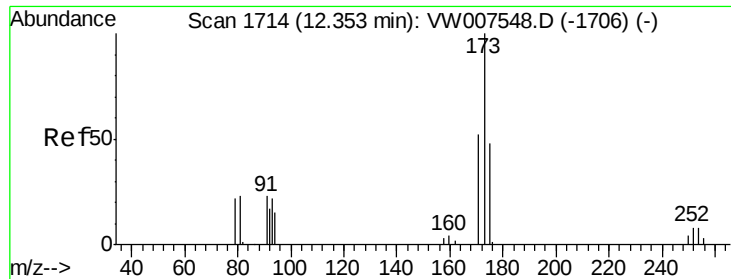
Tot Ion:106 Resp: 31085
Ion Ratio Lower Upper
106 100
91 223.2 106.6 319.8



#70
Styrene
Concen: 22.948 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Tgt Ion:104 Resp: 52830
Ion Ratio Lower Upper
104 100
78 53.1 41.8 62.8
103 54.8 46.6 69.8





#71

Bromoform

Concen: 21.554 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

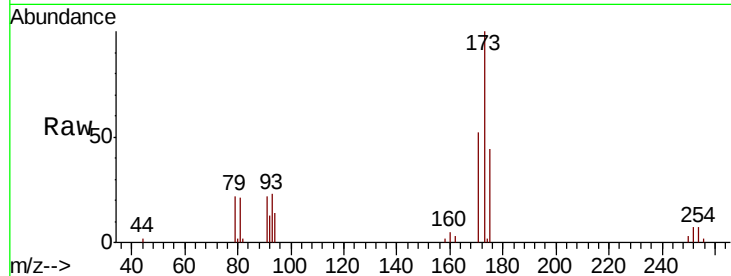
Tot Ion:173 Resp: 8872

Ion Ratio Lower Upper

173 100

175 47.8 23.6 70.8

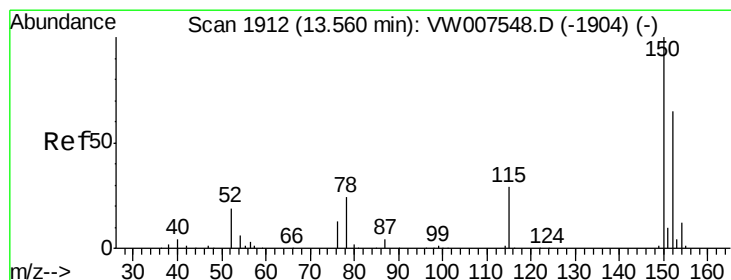
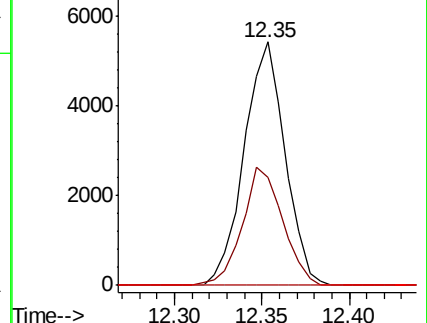
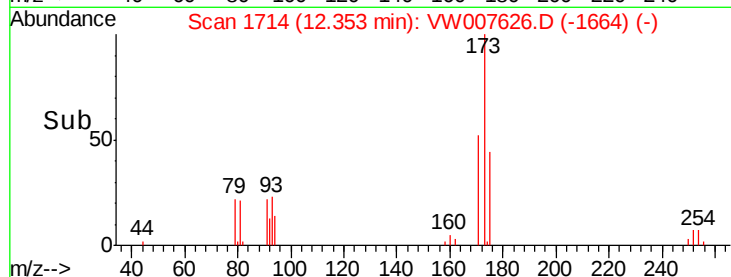
254 0.0 0.0 0.0



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: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

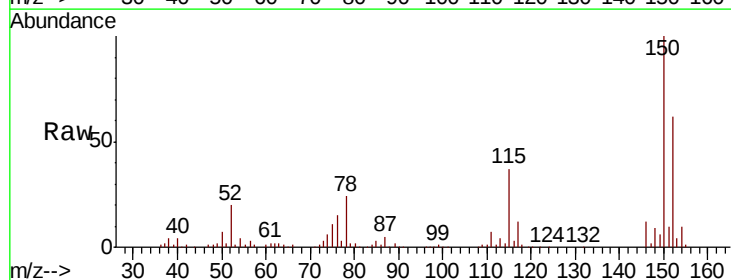
Tgt Ion:152 Resp: 55160

Ion Ratio Lower Upper

152 100

115 63.5 31.4 94.2

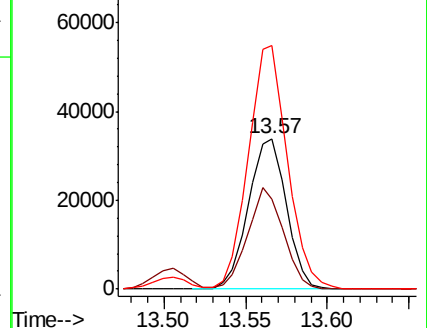
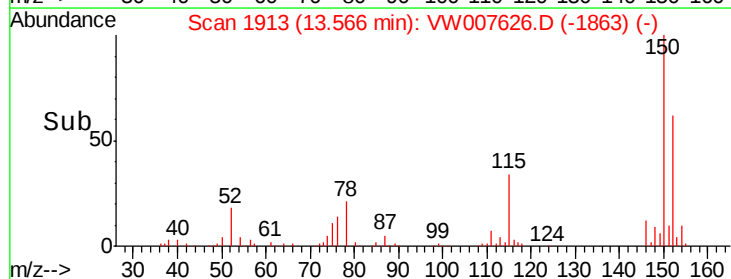
150 165.7 0.0 358.4

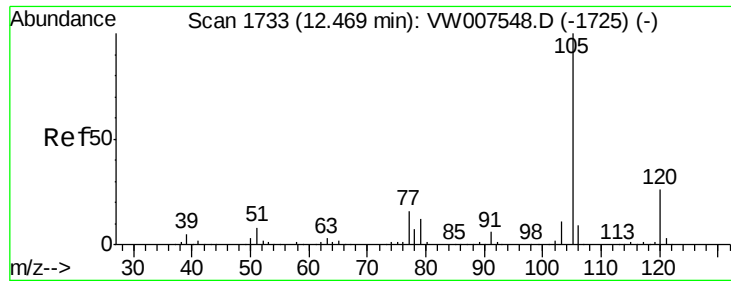


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.733 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

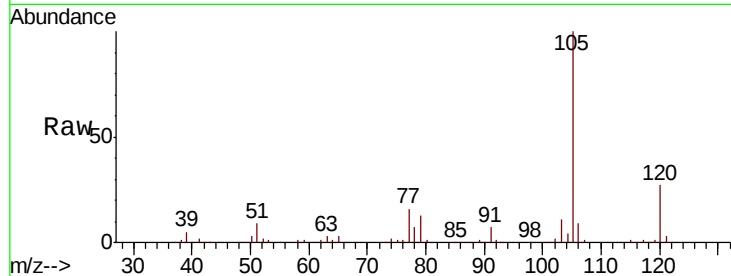
ClientSampleId :

Tot Ion:105 Resp: 91856

Ion Ratio Lower Upper

105 100

120 26.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

60000

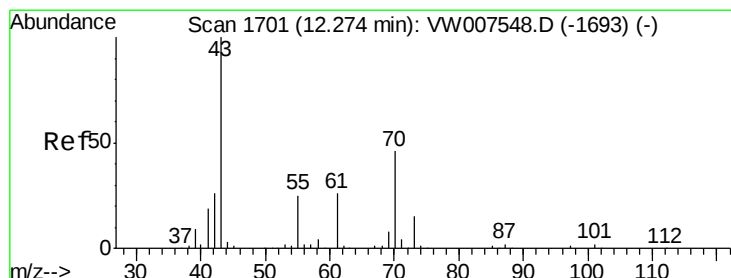
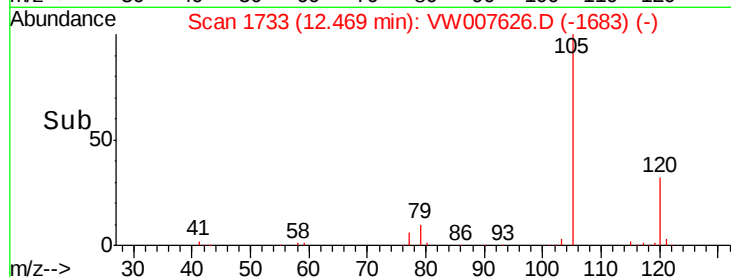
40000

20000

0

12.40 12.45 12.50

Time-->



#74

N-ethyl acetate

Concen: 19.591 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Tgt Ion: 43 Resp: 15049

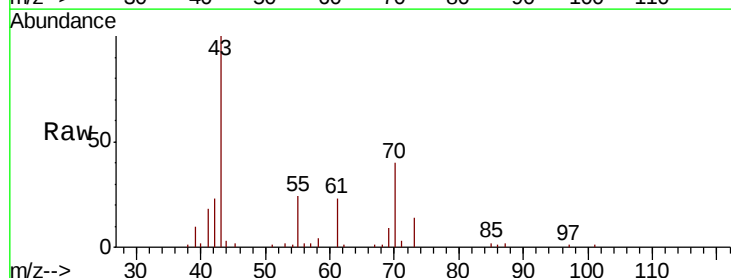
Ion Ratio Lower Upper

43 100

70 45.7 36.5 54.7

55 26.1 20.1 30.1

61 24.5 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

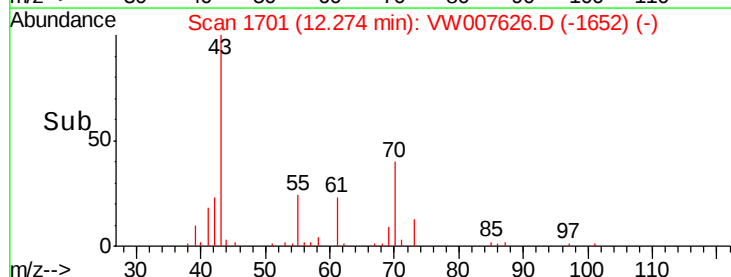
10000

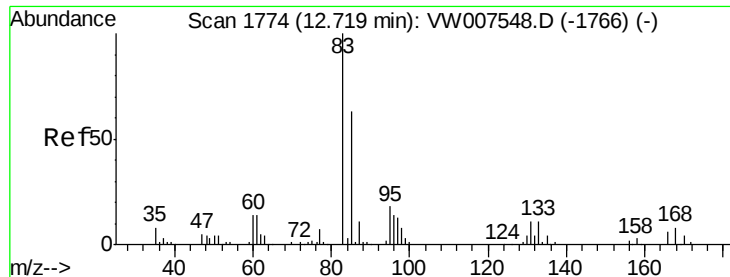
5000

0

12.20 12.25 12.30 12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.728 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

ClientSampled :

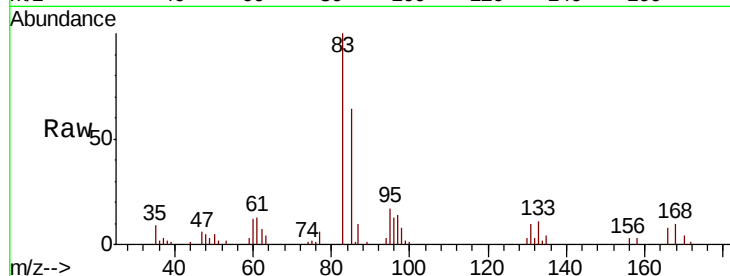
Tot Ion: 83 Resp: 12976

Ion Ratio Lower Upper

83 100

131 12.1 5.9 17.8

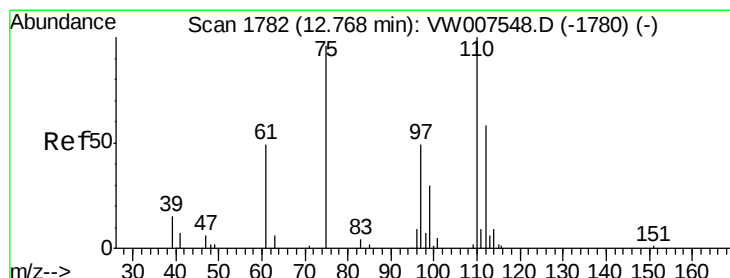
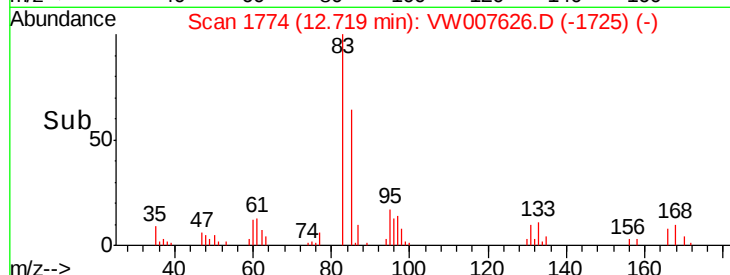
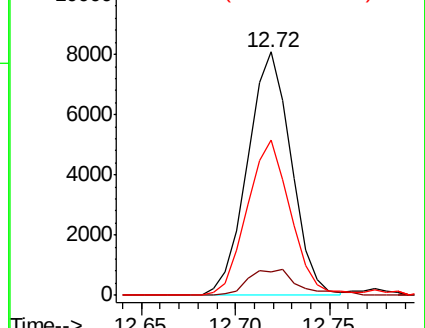
85 63.9 30.0 90.0



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: 40.478 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW007626.D

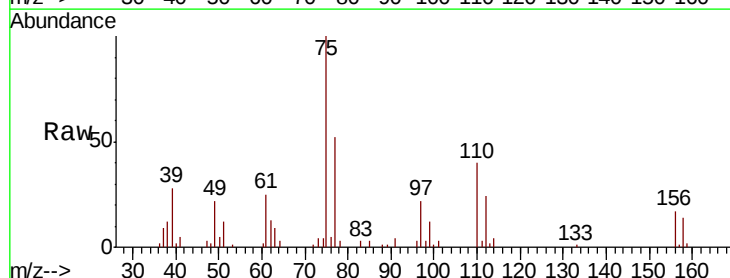
Acq: 17 Dec 2018 12:57

Tgt Ion: 75 Resp: 18410

Ion Ratio Lower Upper

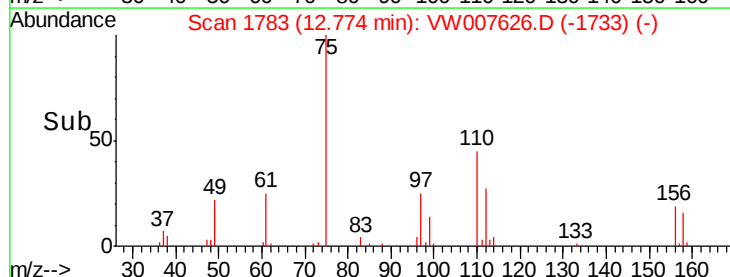
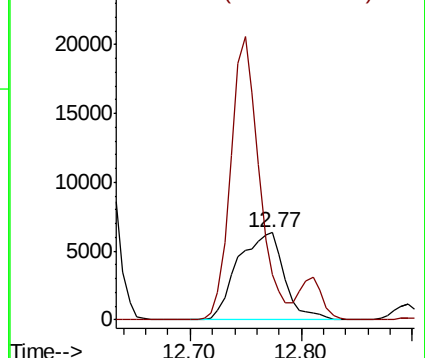
75 100

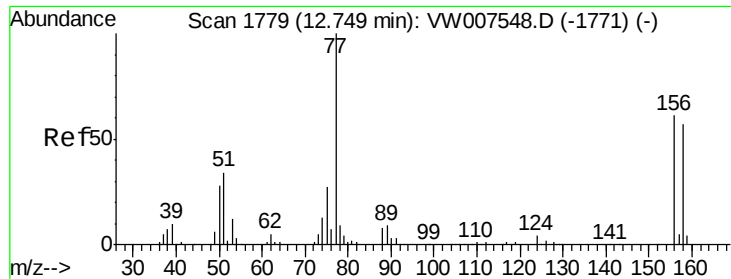
77 0.0 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.194 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

ClientSampled :

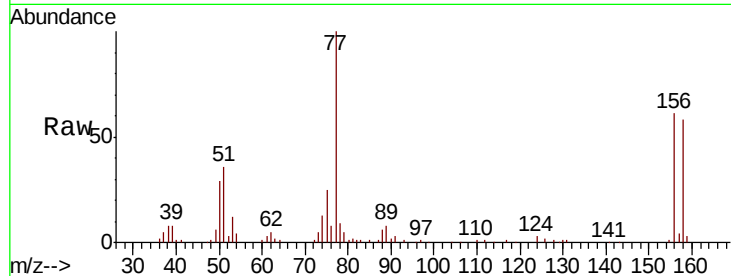
Tot Ion:156 Resp: 19856

Ion Ratio Lower Upper

156 100

77 185.8 88.1 264.4

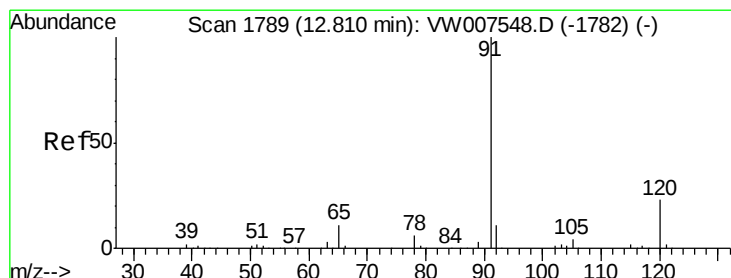
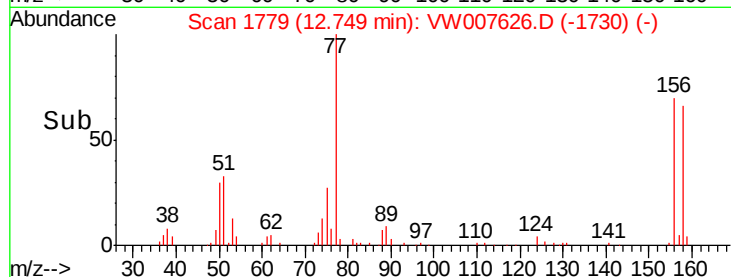
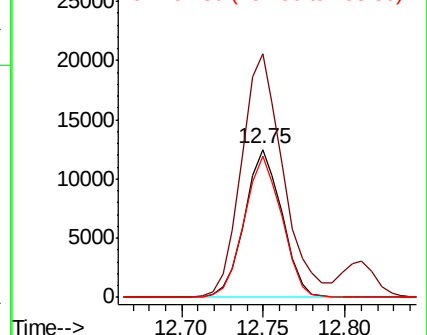
158 95.9 45.6 136.7



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: 22.568 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007626.D

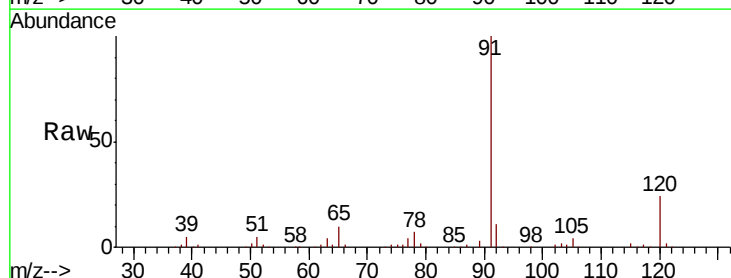
Acq: 17 Dec 2018 12:57

Tgt Ion: 91 Resp: 107345

Ion Ratio Lower Upper

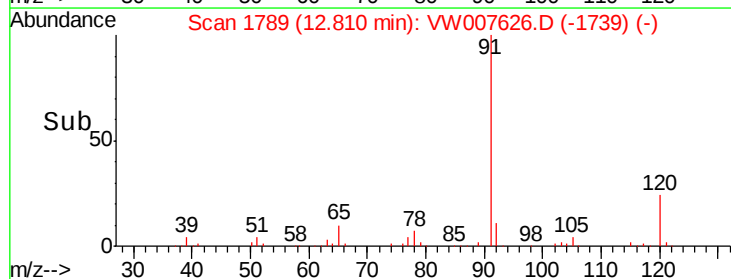
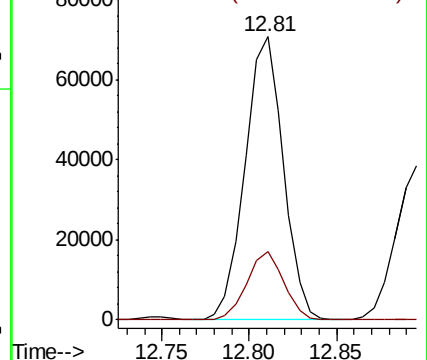
91 100

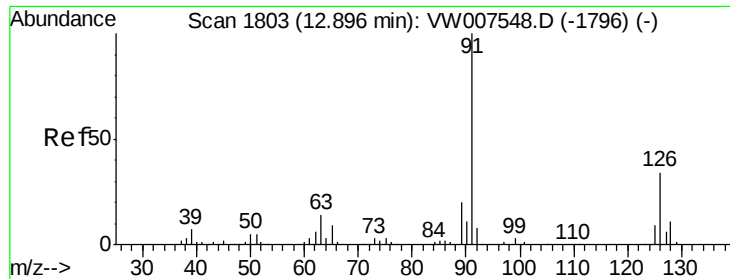
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

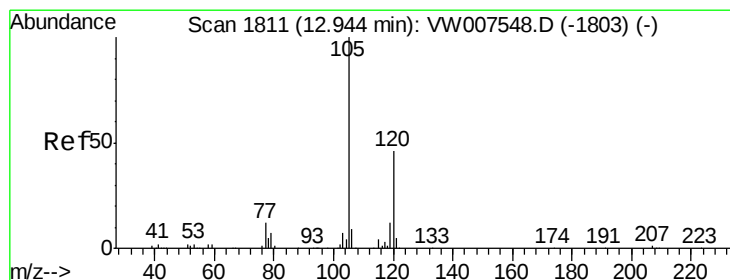
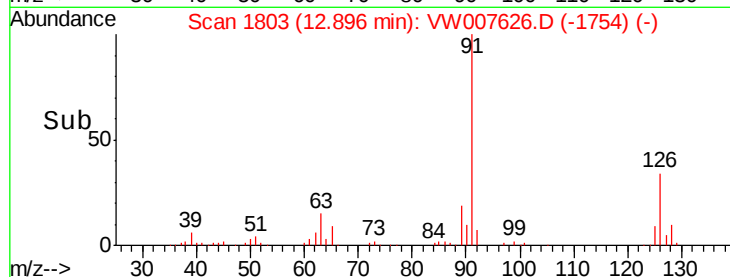
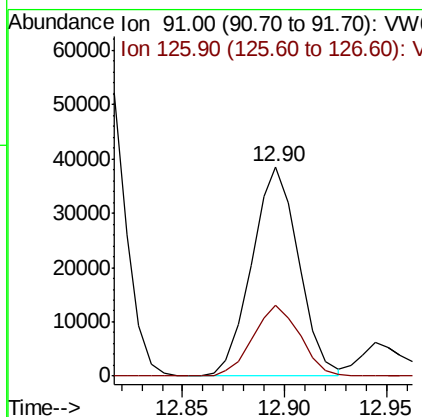
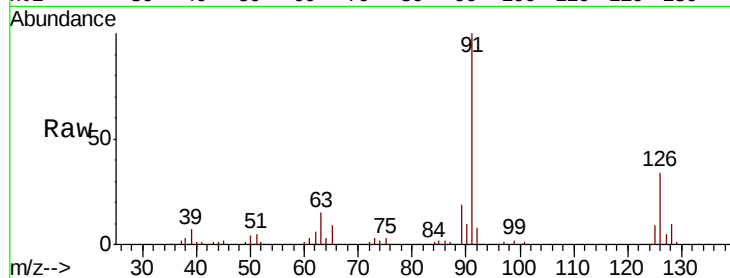




#79
2-Chlorotoluene
Concen: 21.380 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

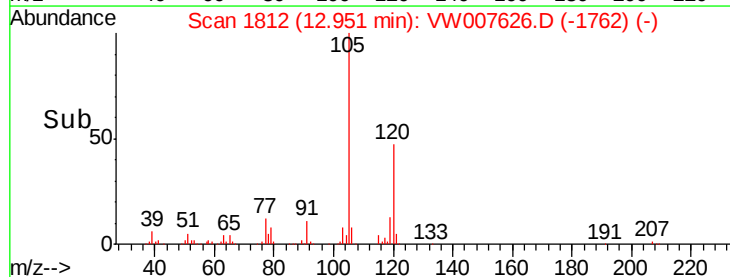
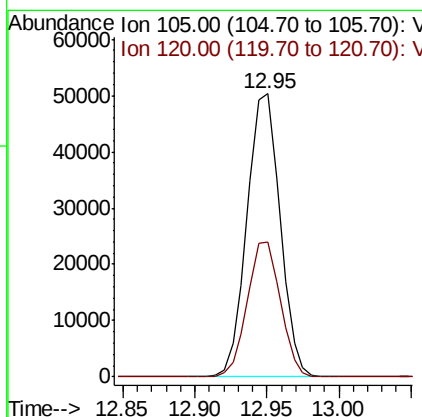
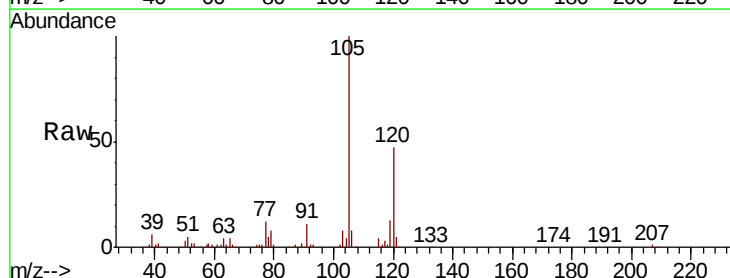
Instrument :
MSVOA_W
ClientSampleId :

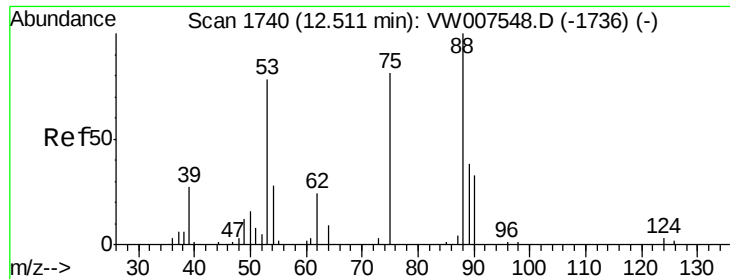
Tot Ion: 91 Resp: 61535
Ion Ratio Lower Upper
91 100
126 34.1 15.9 47.6



#80
1,3,5-Trimethylbenzene
Concen: 22.534 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Tgt Ion:105 Resp: 80026
Ion Ratio Lower Upper
105 100
120 47.5 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.535 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

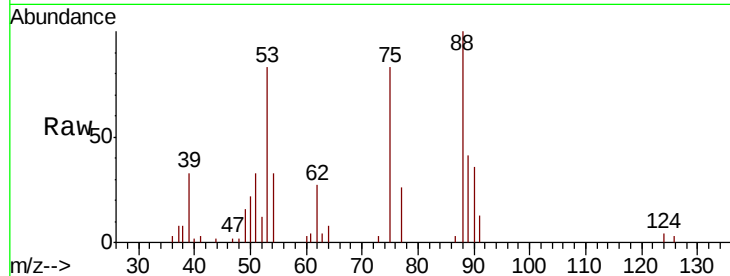
Tot Ion: 75 Resp: 4228

Ion Ratio Lower Upper

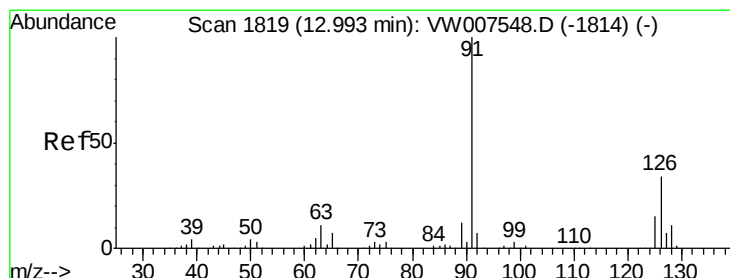
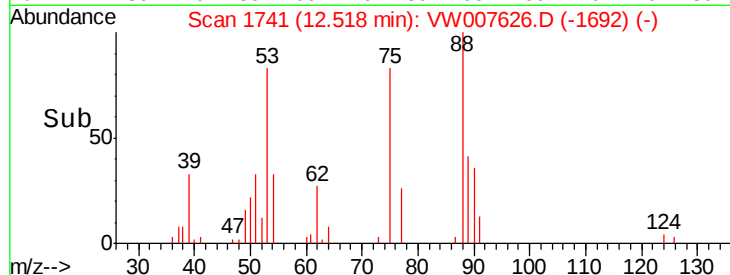
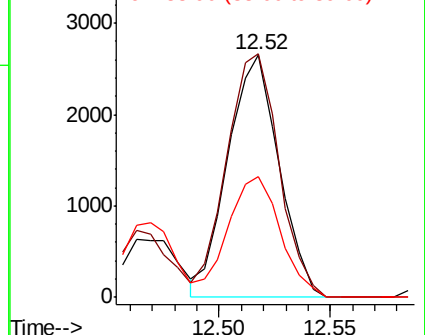
75 100

53 103.1 84.9 127.3

89 51.8 40.3 60.5



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 21.596 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007626.D

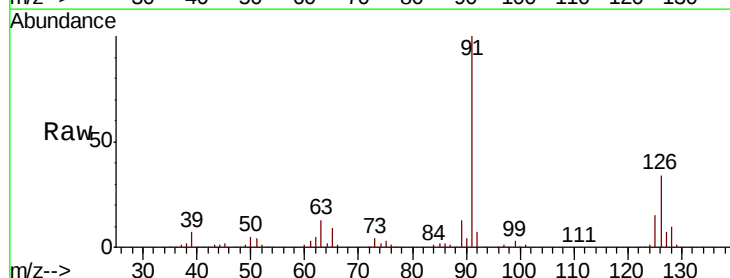
Acq: 17 Dec 2018 12:57

Tgt Ion: 91 Resp: 65518

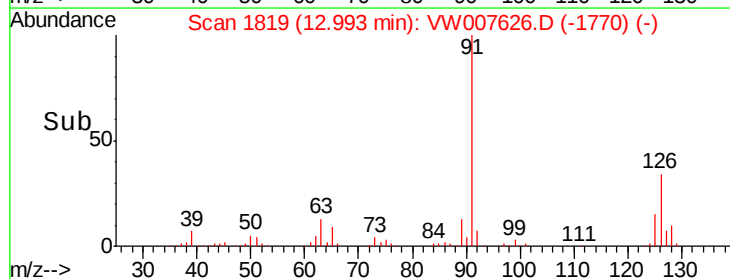
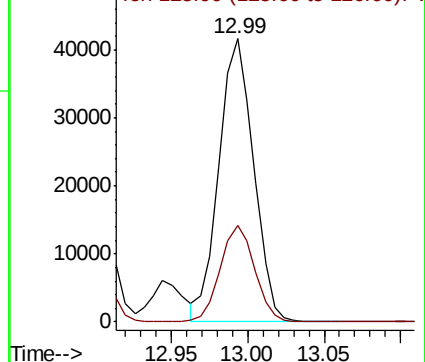
Ion Ratio Lower Upper

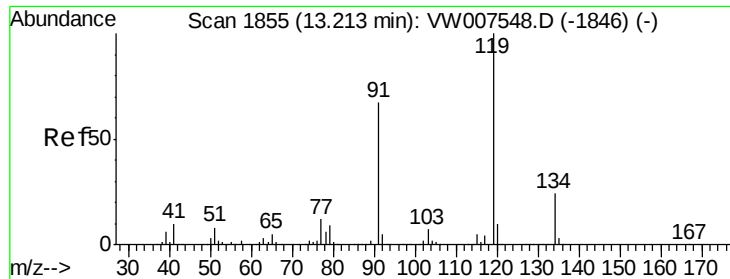
91 100

126 33.7 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 22.040 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007626.D

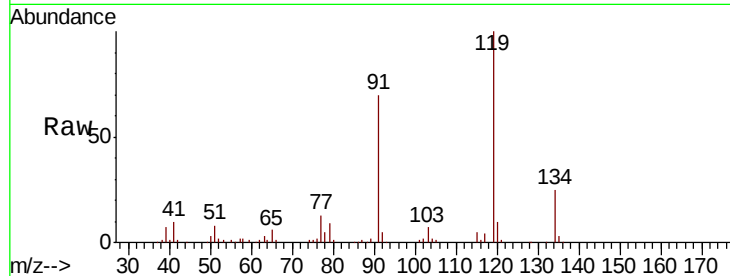
Acq: 17 Dec 2018 12:57

Instrument :

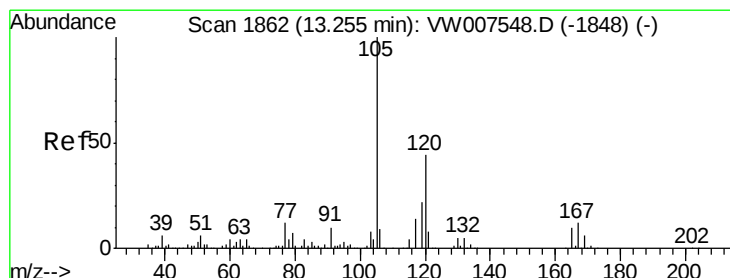
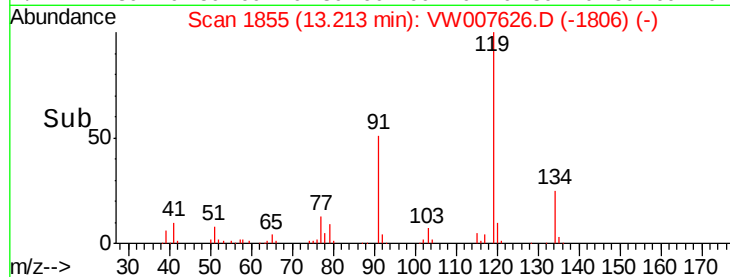
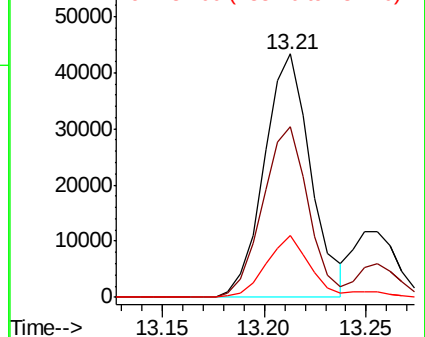
MSVOA_W

ClientSampled :

Tot Ion:119	Resp:	68969
Ion	Ratio	Lower Upper
119	100	
91	68.3	33.1 99.2
134	23.7	12.5 37.5



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



#84

1,2,4-Trimethylbenzene

Concen: 21.813 ug/l

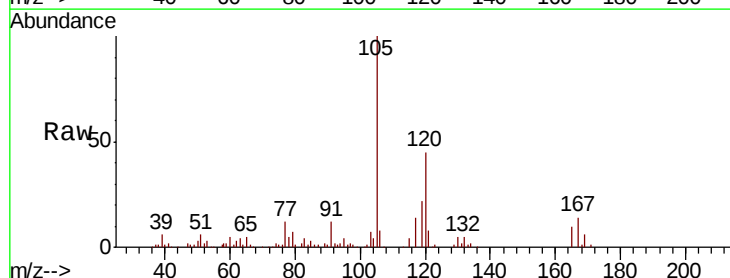
RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

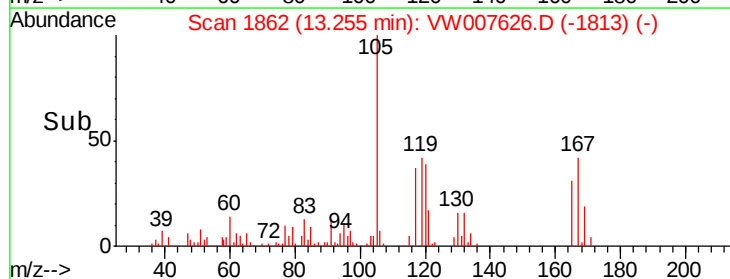
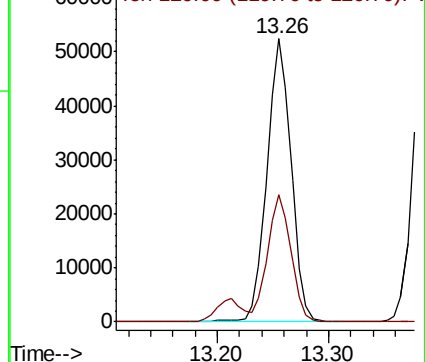
Lab File: VW007626.D

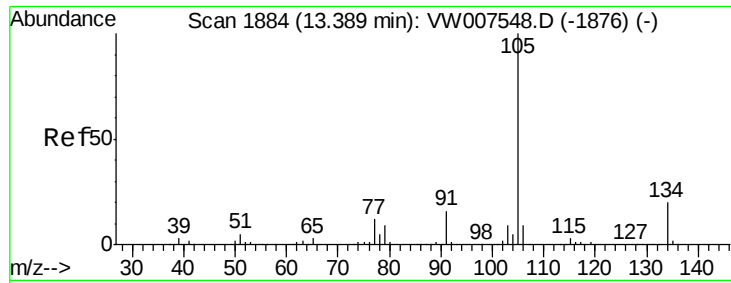
Acq: 17 Dec 2018 12:57

Tgt Ion:105	Resp:	79718
Ion	Ratio	Lower Upper
105	100	
120	43.2	22.6 67.7



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

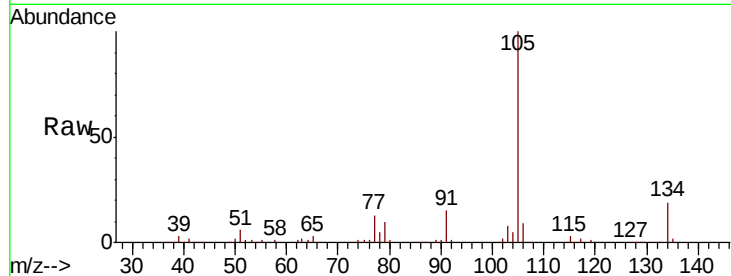




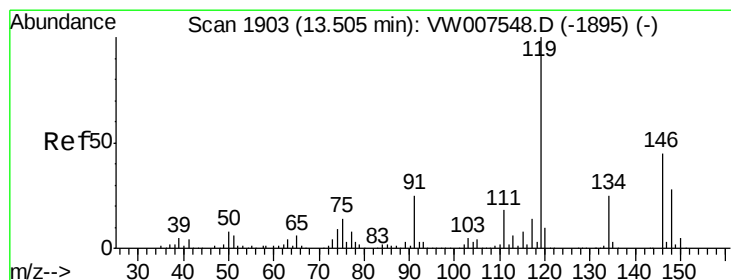
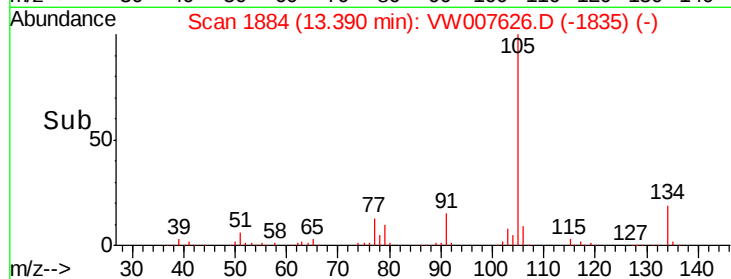
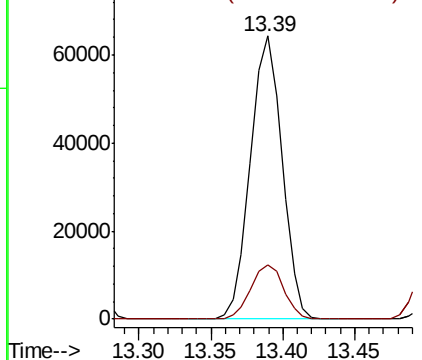
#85
 sec-Butylbenzene
 Concen: 22.928 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:105 Resp: 97944
 Ion Ratio Lower Upper
 105 100
 134 19.8 11.1 33.3

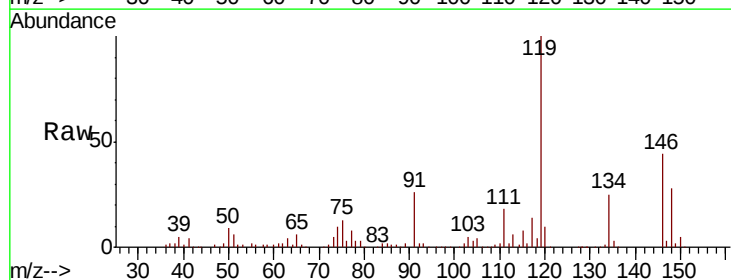


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

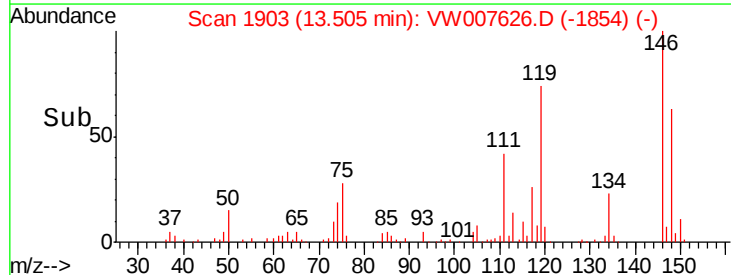
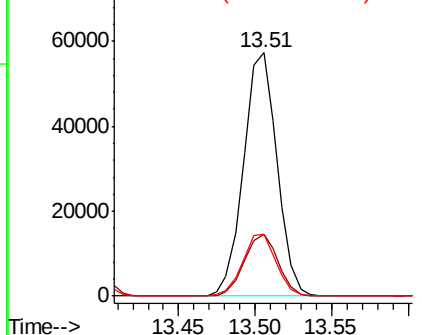


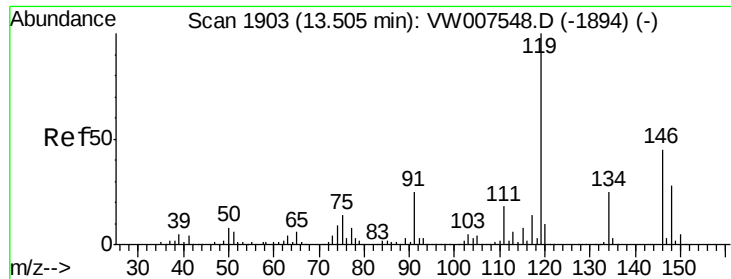
#86
 p-Isopropyltoluene
 Concen: 22.711 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Tgt Ion:119 Resp: 87158
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 25.6 11.9 35.9



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





#87

1,3-Dichlorobenzene

Concen: 21.596 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

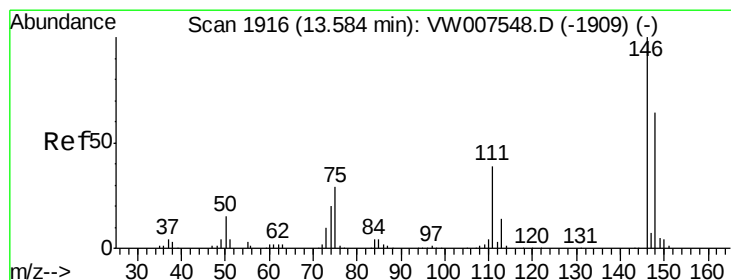
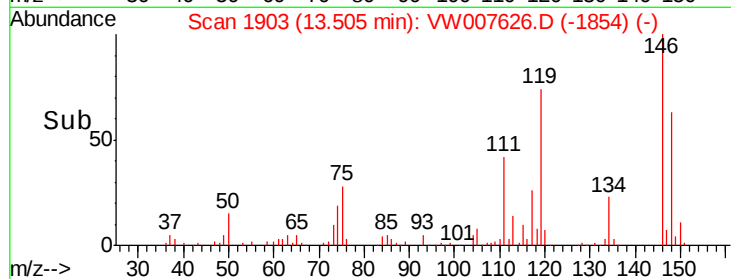
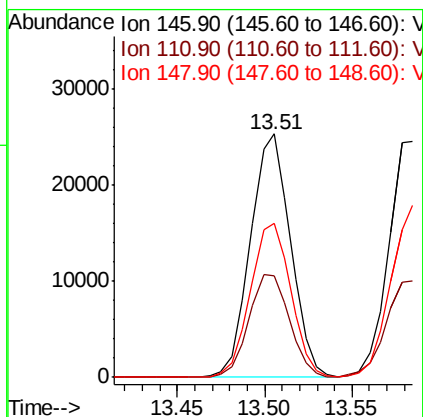
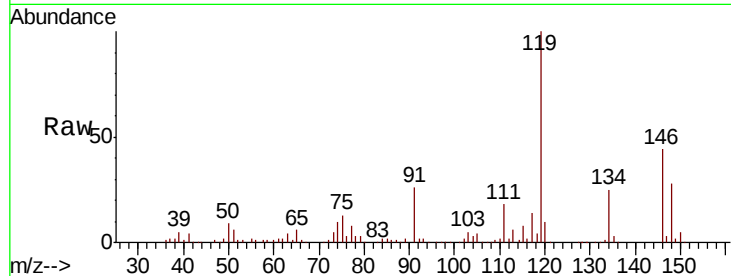
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:146 Resp: 40339

Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.1	60.3
148	64.0	31.4	94.0



#88

1,4-Dichlorobenzene

Concen: 21.452 ug/l

RT: 13.58 min Scan# 1916

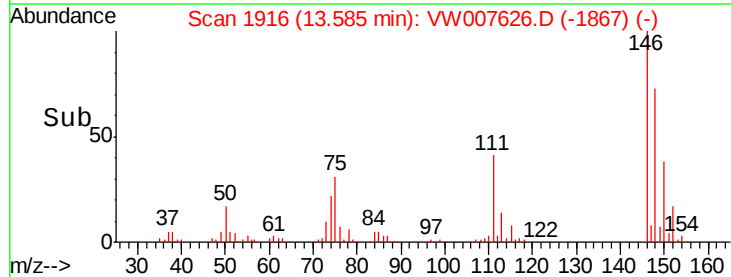
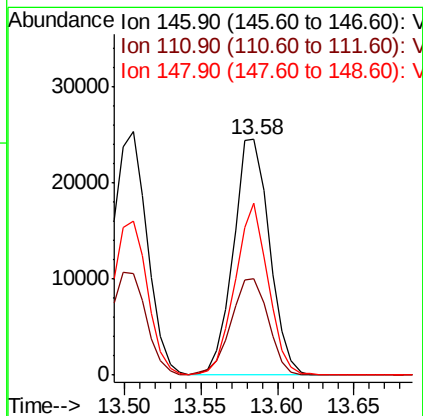
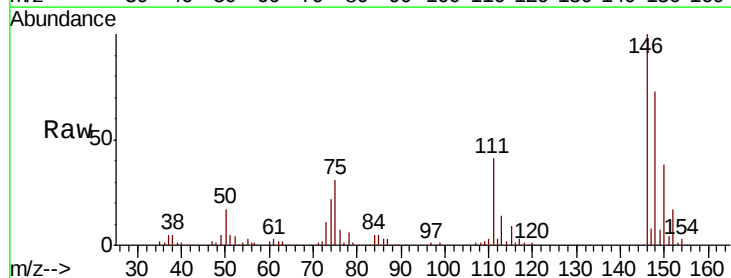
Delta R.T. -0.00 min

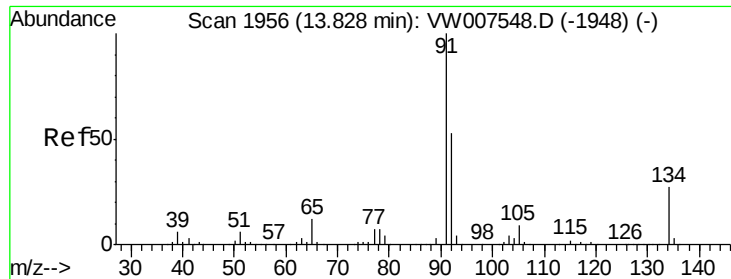
Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Tgt Ion:146 Resp: 40284

Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.3	61.0
148	66.7	33.5	100.5





#89

n-Butylbenzene

Concen: 23.096 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

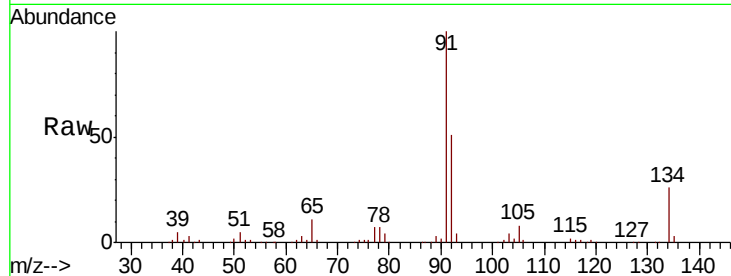
Tot Ion: 91 Resp: 82167

Ion Ratio Lower Upper

91 100

92 52.4 25.7 77.1

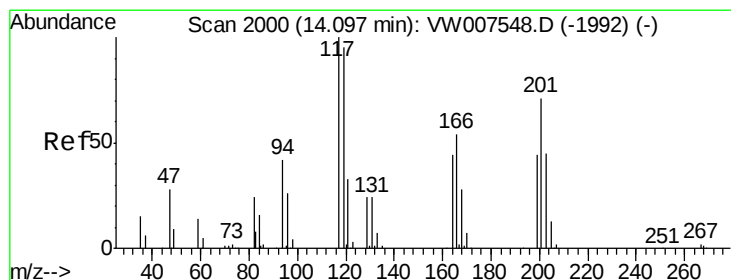
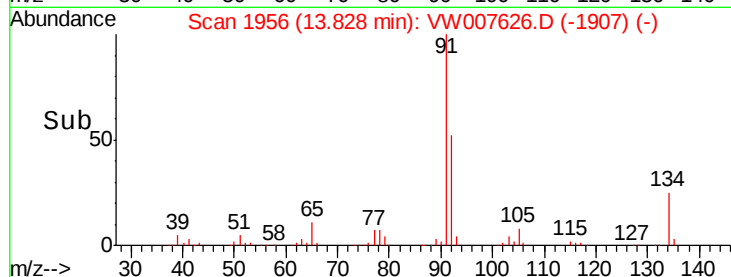
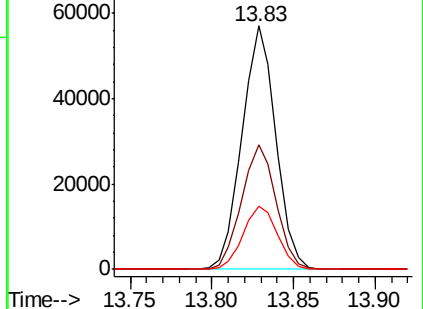
134 26.4 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 22.755 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007626.D

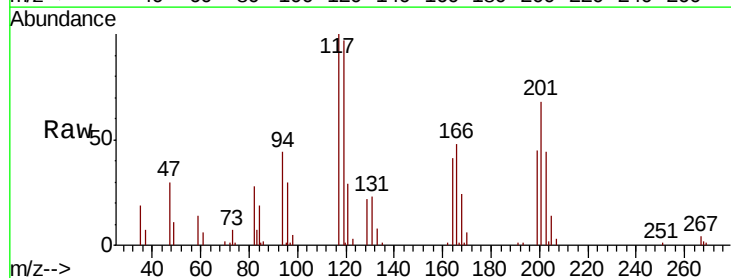
Acq: 17 Dec 2018 12:57

Tgt Ion: 117 Resp: 15538

Ion Ratio Lower Upper

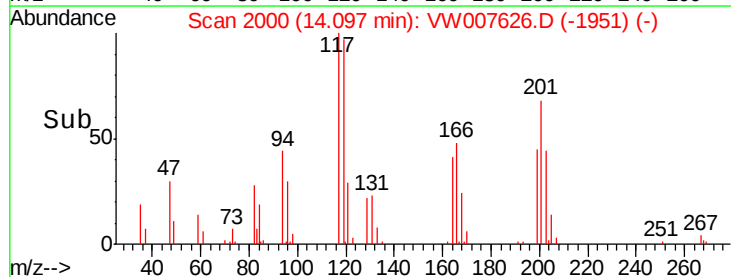
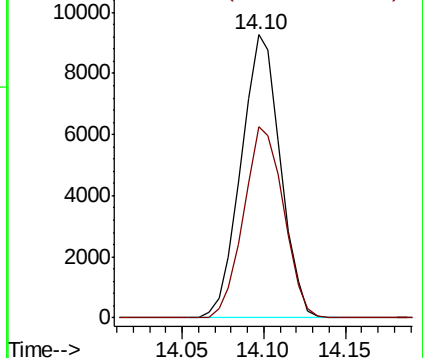
117 100

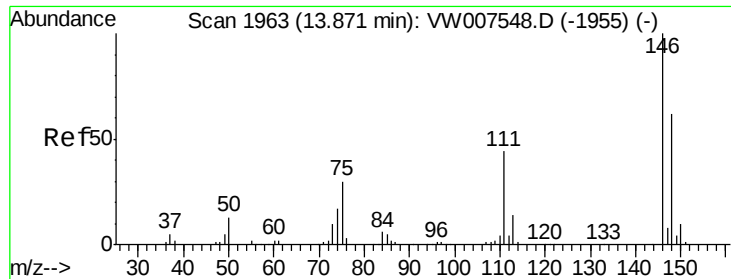
201 68.7 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.541 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

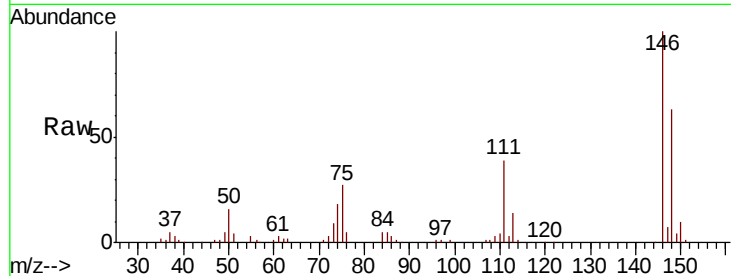
Tot Ion:146 Resp: 36038

Ion Ratio Lower Upper

146 100

111 43.6 22.4 67.2

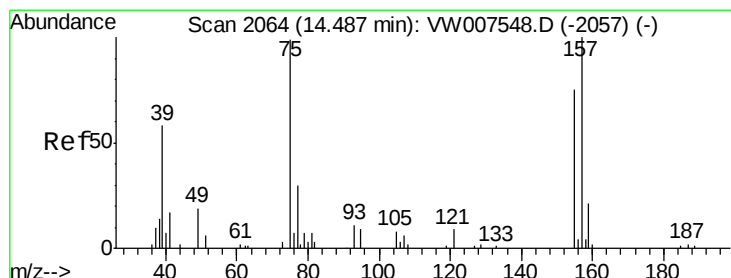
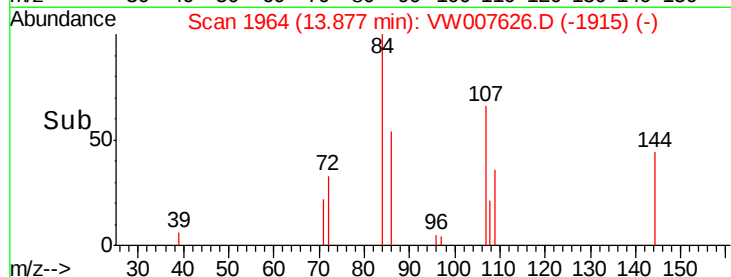
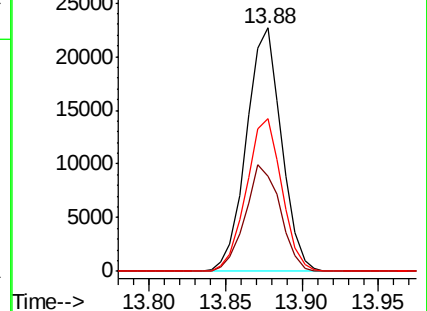
148 63.1 32.4 97.2



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: 19.980 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW007626.D

Acq: 17 Dec 2018 12:57

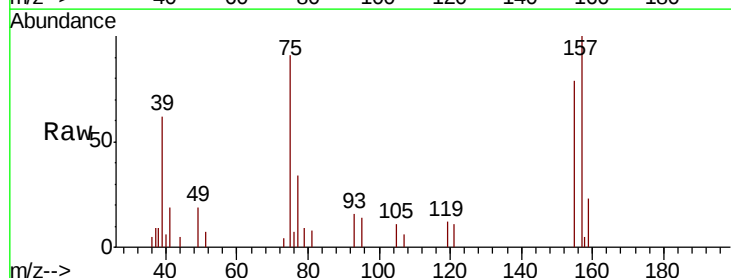
Tgt Ion: 75 Resp: 2510

Ion Ratio Lower Upper

75 100

155 77.9 40.8 122.2

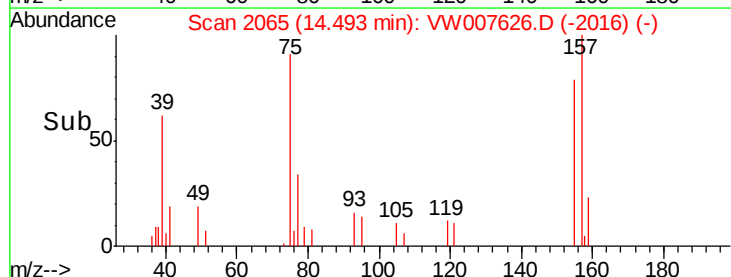
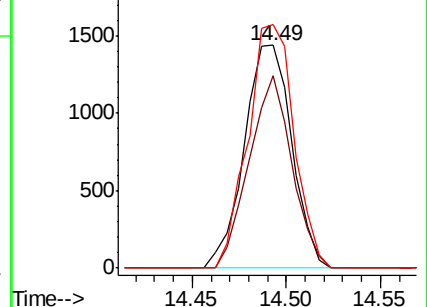
157 106.3 51.1 153.4

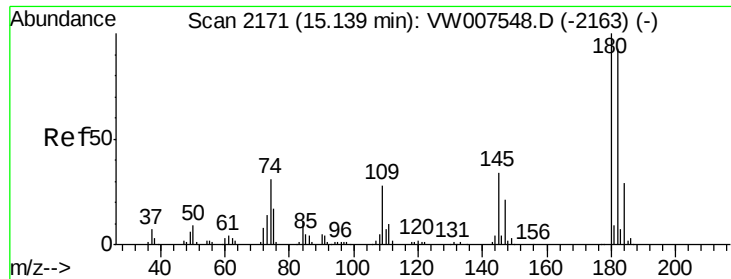


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

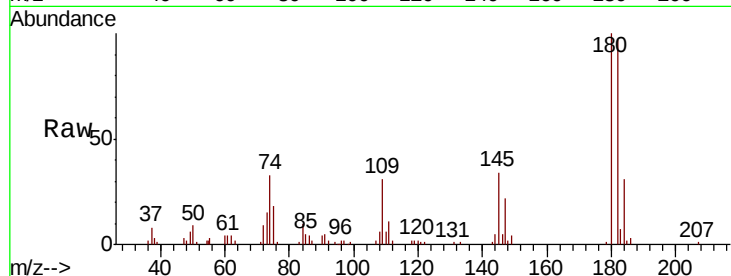




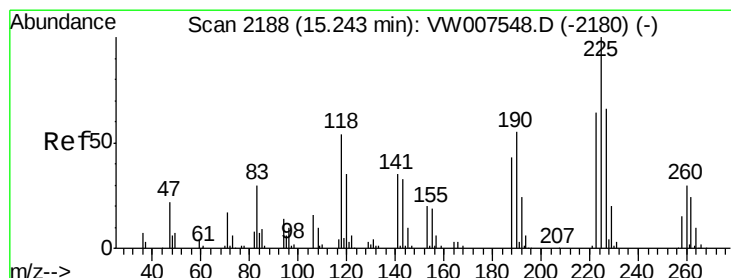
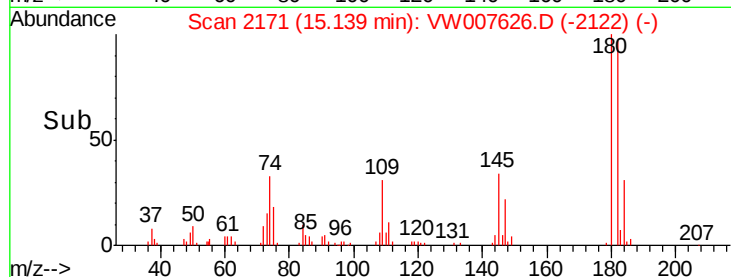
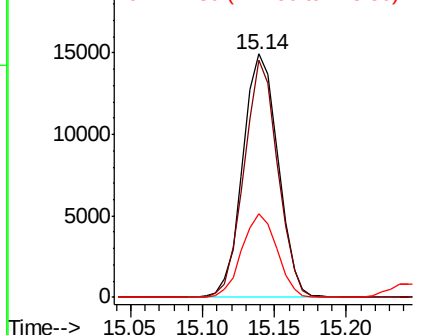
#93
 1,2,4-Trichlorobenzene
 Concen: 22.037 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 25372
 Ion Ratio Lower Upper
 180 100
 182 92.5 49.9 149.6
 145 33.9 17.8 53.4

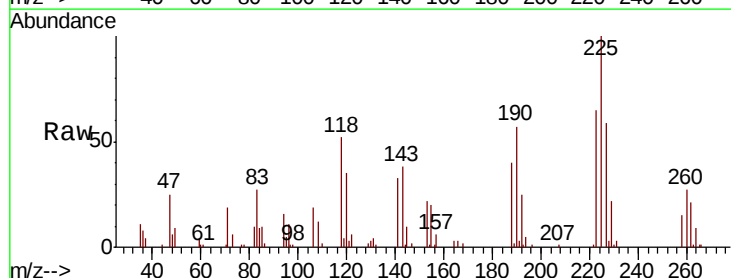


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

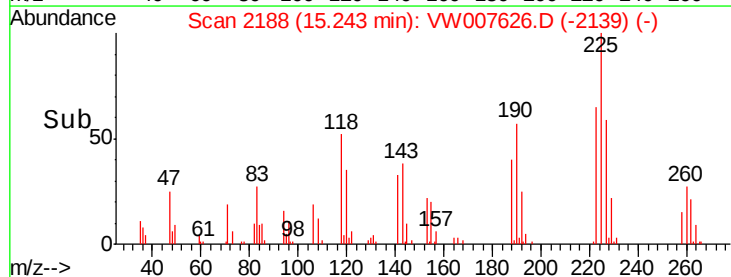
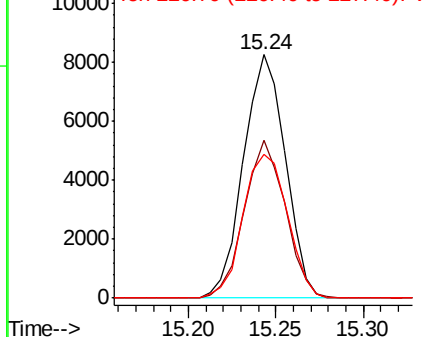


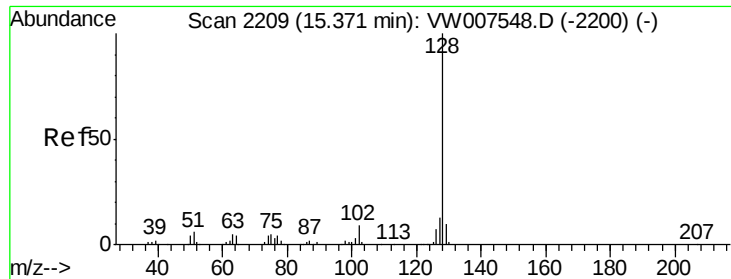
#94
 Hexachlorobutadiene
 Concen: 22.531 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007626.D
 Acq: 17 Dec 2018 12:57

Tgt Ion:225 Resp: 13764
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.1 96.3
 227 63.0 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

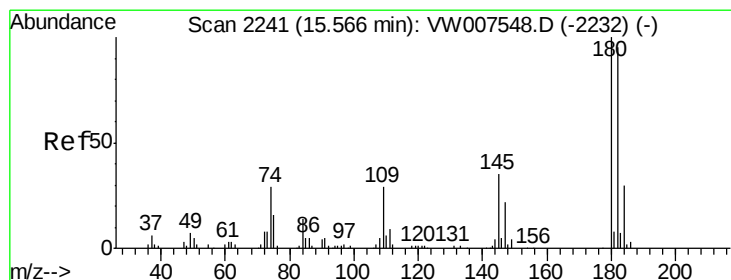
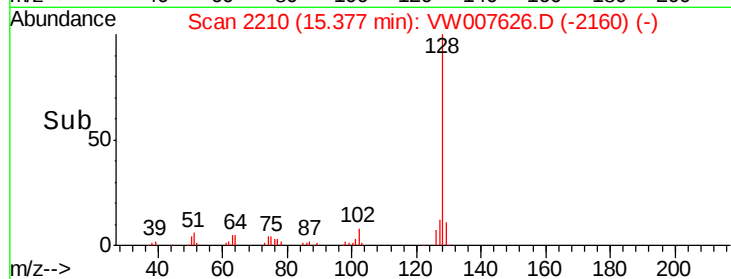
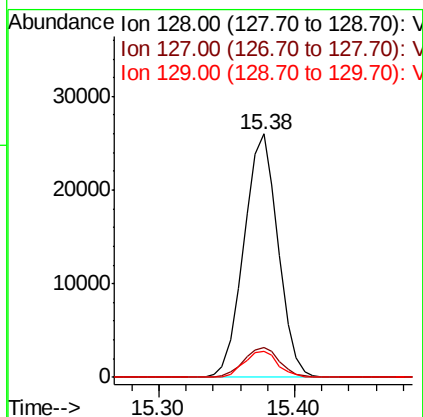
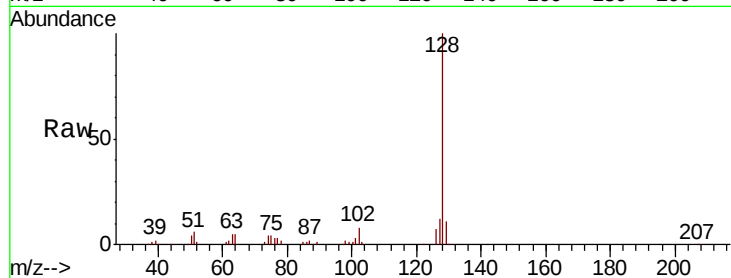




#95
Naphthalene
Concen: 20.674 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 45536
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.7 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 21.257 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007626.D
Acq: 17 Dec 2018 12:57

Tgt Ion:180 Resp: 21260
Ion Ratio Lower Upper
180 100
182 94.6 45.6 136.7
145 35.6 17.5 52.5

