

Data File : VW004477.D
Acq On : 06 Aug 2018 18:43
Operator : SY/AP
Sample : VSTDIC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Quant Time: Aug 07 07:42:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:40:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	755969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1165142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1114788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	603811	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	83155	10.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.56%	
35) Dibromofluoromethane	7.88	113	79543	10.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.42%	
50) Toluene-d8	10.33	98	294073	10.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.16%	
62) 4-Bromofluorobenzene	12.62	95	104144	10.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52747	17.217	ug/l	100
3) Chloromethane	2.21	50	72183	14.933	ug/l	99
4) Vinyl Chloride	2.37	62	111050	14.193	ug/l	96
5) Bromomethane	2.78	94	62366	12.391	ug/l	98
6) Chloroethane	2.92	64	62781	12.842	ug/l	100
7) Trichlorofluoromethane	3.25	101	39390	9.125	ug/l	100
8) Diethyl Ether	3.67	74	50195	12.341	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	91128	11.857	ug/l	99
10) Methyl Iodide	4.27	142	129040	11.275	ug/l	99
11) Tert butyl alcohol	5.21	59	23221	41.897	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	86917	11.373	ug/l	98
13) Acrolein	3.89	56	31548	61.759	ug/l	99
14) Allyl chloride	4.66	41	127262	10.512	ug/l	99
15) Acrylonitrile	5.37	53	109146	61.564	ug/l	99
16) Acetone	4.14	43	115578	65.664	ug/l	97
17) Carbon Disulfide	4.38	76	285854	12.089	ug/l	99
18) Methyl Acetate	4.67	43	53926	11.719	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	115224	8.769	ug/l	99
20) Methylene Chloride	4.92	84	170711	20.072	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	92923	11.320	ug/l	95
22) Diisopropyl ether	6.31	45	259714	11.184	ug/l	93
23) Vinyl Acetate	6.26	43	738169	54.312	ug/l	99
24) 1,1-Dichloroethane	6.21	63	172648	11.505	ug/l	100
25) 2-Butanone	7.18	43	171509	74.962	ug/l	98
26) 2,2-Dichloropropane	7.17	77	95883	11.311	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	97201	11.569	ug/l	97
28) Bromochloromethane	7.51	49	73115	13.393	ug/l	98
29) Tetrahydrofuran	7.54	42	84905	60.353	ug/l	99
30) Chloroform	7.68	83	171152	11.967	ug/l	99
31) Cyclohexane	7.95	56	166585	12.508	ug/l #	89
32) 1,1,1-Trichloroethane	7.88	97	130975	11.314	ug/l	98
36) 1,1-Dichloropropene	8.09	75	132385	11.230	ug/l	99
37) Ethyl Acetate	7.26	43	62660	12.822	ug/l	98
38) Carbon Tetrachloride	8.07	117	119696	10.407	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	149097	10.409	ug/l	97
40) Benzene	8.32	78	390891	11.733	ug/l	98
41) Methacrylonitrile	7.49	41	31517	11.271	ug/l	98
42) 1,2-Dichloroethane	8.40	62	110336	11.647	ug/l	100
43) Isopropyl Acetate	8.43	43	101216	11.534	ug/l	98
44) Trichloroethene	9.09	130	94354	10.605	ug/l	97
45) 1,2-Dichloropropane	9.37	63	94522	11.430	ug/l	96
46) Dibromomethane	9.46	93	49429	11.676	ug/l	99
47) Bromodichloromethane	9.65	83	114643	10.816	ug/l	99
48) Methyl methacrylate	9.44	41	46011	10.379	ug/l	97
49) 1,4-Dioxane	9.48	88	14298	222.249	ug/l #	99
51) 4-Methyl-2-Pentanone	10.22	43	362131	70.875	ug/l	98
52) Toluene	10.39	92	227945	10.975	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	111210	10.476	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	129989	10.496	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	72460	12.052	ug/l	99
56) Ethyl methacrylate	10.65	69	74125	10.143	ug/l	100
57) 1,3-Dichloropropane	10.94	76	122605	11.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	166342	49.731	ug/l	100
59) 2-Hexanone	10.98	43	242034	69.217	ug/l	97
60) Dibromochloromethane	11.13	129	75943	10.639	ug/l	99
61) 1,2-Dibromoethane	11.24	107	68046	11.847	ug/l	98
64) Tetrachloroethene	10.87	164	81571	10.056	ug/l	100
65) Chlorobenzene	11.66	112	258739	11.021	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	87412	10.544	ug/l	97
67) Ethyl Benzene	11.74	91	417396	10.158	ug/l	98
68) m/p-Xylenes	11.85	106	330694	20.972	ug/l	97
69) o-Xylene	12.17	106	145946	10.009	ug/l	99
70) Styrene	12.19	104	249136	10.074	ug/l	99
71) Bromoform	12.35	173	47178	10.178	ug/l #	98
73) Isopropylbenzene	12.47	105	404119	9.595	ug/l	99
74) N-amyl acetate	12.28	43	93378	10.093	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	90365	11.970	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	114810	21.040	ug/l #	100
77) Bromobenzene	12.75	156	101355	10.002	ug/l	98
78) n-propylbenzene	12.81	91	512626	10.012	ug/l	99
79) 2-Chlorotoluene	12.90	91	300873	10.255	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	354702	9.781	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	24742	10.283	ug/l	94
82) 4-Chlorotoluene	12.99	91	326129	10.447	ug/l	99
83) tert-Butylbenzene	13.21	119	286518	9.501	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	365000	9.846	ug/l	100
85) sec-Butylbenzene	13.39	105	448253	10.163	ug/l	100
86) p-Isopropyltoluene	13.51	119	382433	9.684	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	216419	10.610	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	218108	10.723	ug/l	98
89) n-Butylbenzene	13.84	91	373418	10.031	ug/l	98
90) Hexachloroethane	14.10	117	71811	10.170	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	197575	10.803	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14618	11.185	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080618\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	129480	10.096	ug/l	99
94) Hexachlorobutadiene	15.25	225	78203	10.031	ug/l	99
95) Naphthalene	15.38	128	224574	9.994	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	118239	10.462	ug/l	99

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

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MSVOA_W
ClientSampleId :
VSTDICC010

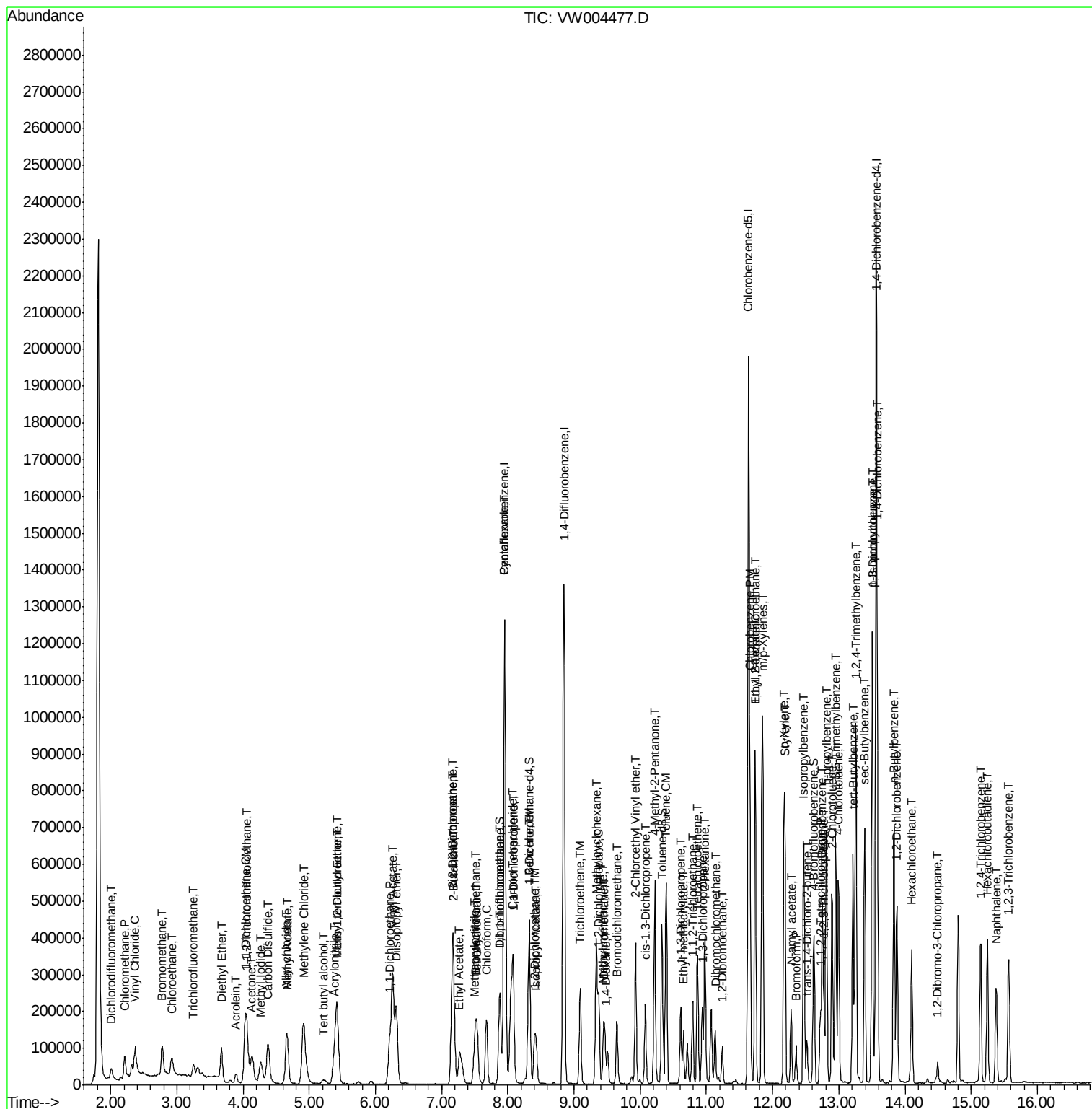
Quant Time: Aug 07 07:42:48 2018

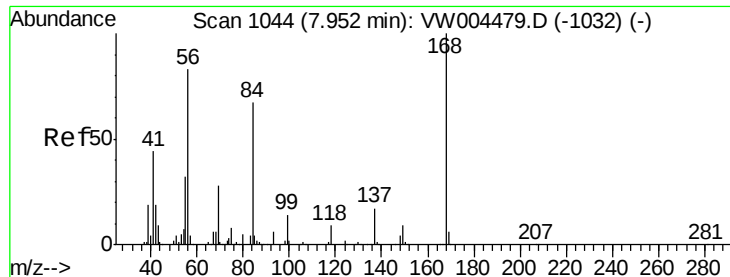
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Quant Title : SW846 8260

QLast Update : Tue Aug 07 07:40:37 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

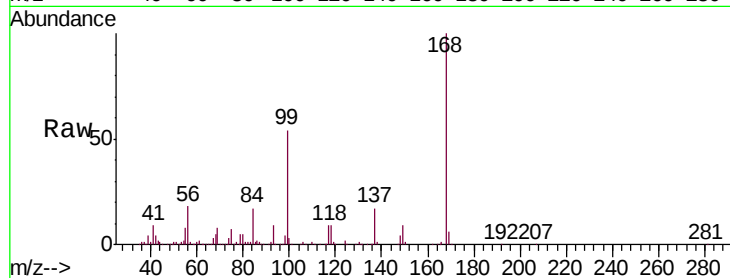
VSTDIC010

Tgt Ion:168 Resp: 755969

Ion Ratio Lower Upper

168 100

99 54.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

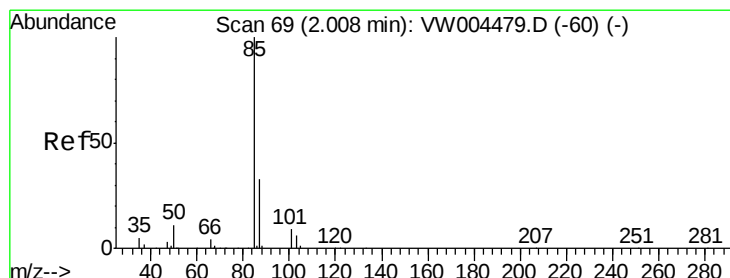
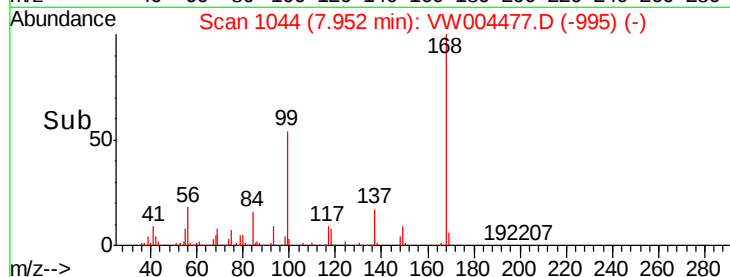
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 17.217 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004477.D

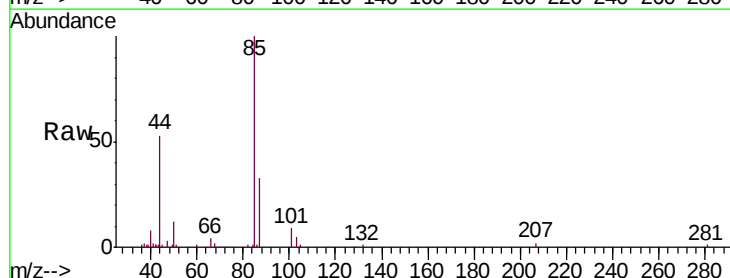
Acq: 06 Aug 2018 18:43

Tgt Ion: 85 Resp: 52747

Ion Ratio Lower Upper

85 100

87 33.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

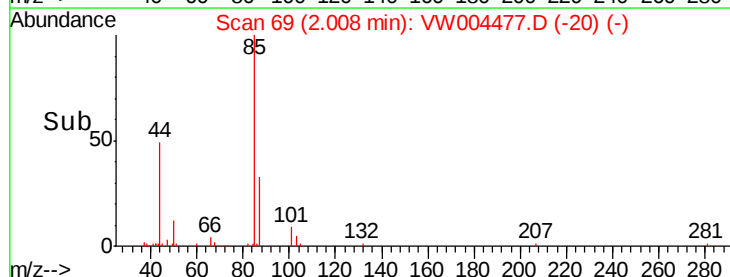
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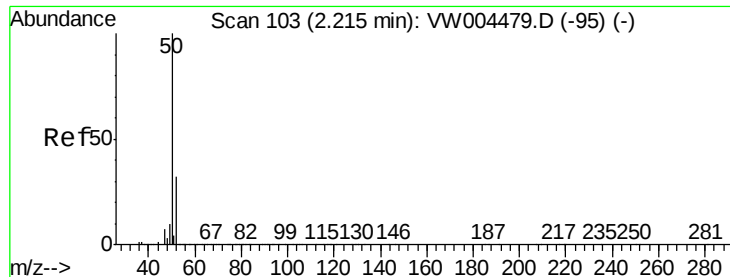
10000

5000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 14.933 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

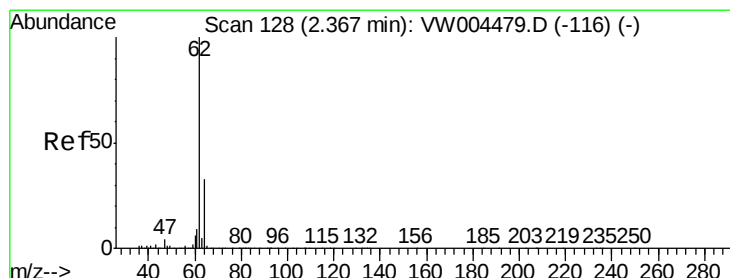
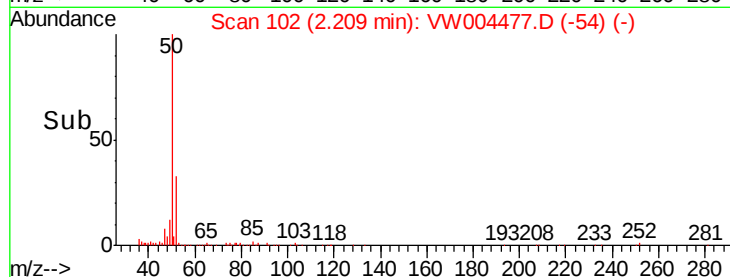
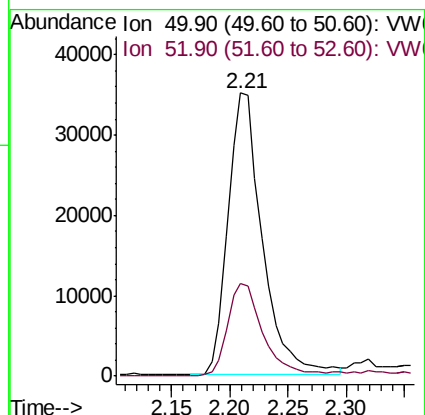
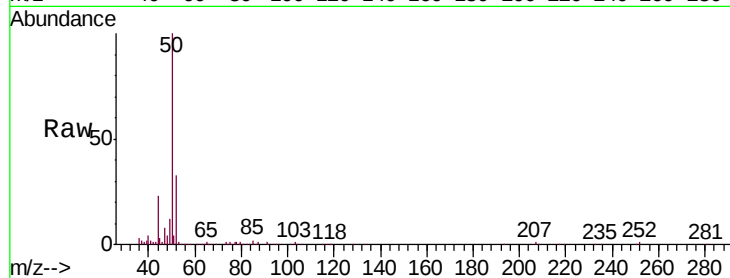
VSTDIC010

Tgt Ion: 50 Resp: 72183

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.8



#4

Vinyl Chloride

Concen: 14.193 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004477.D

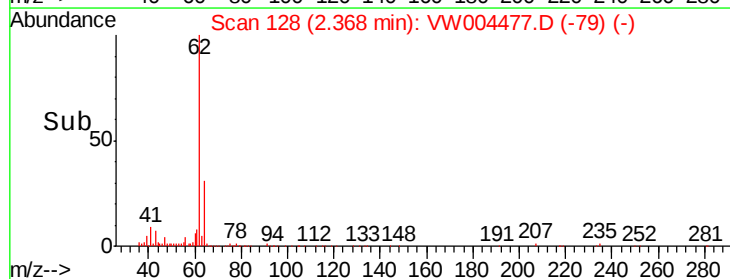
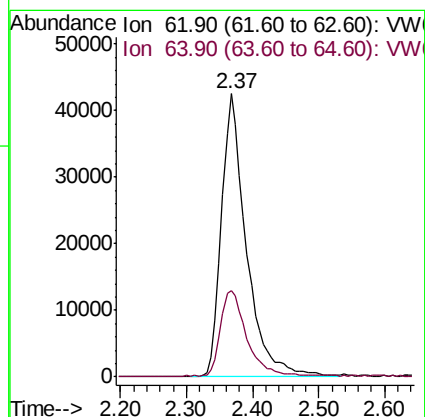
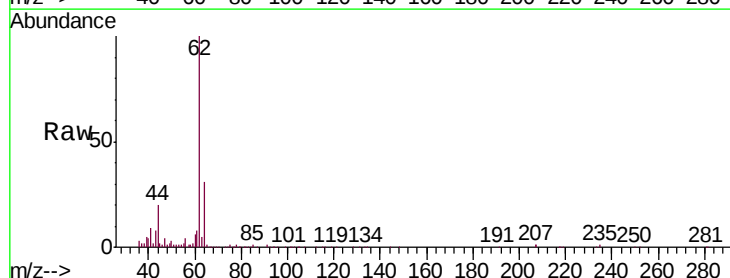
Acq: 06 Aug 2018 18:43

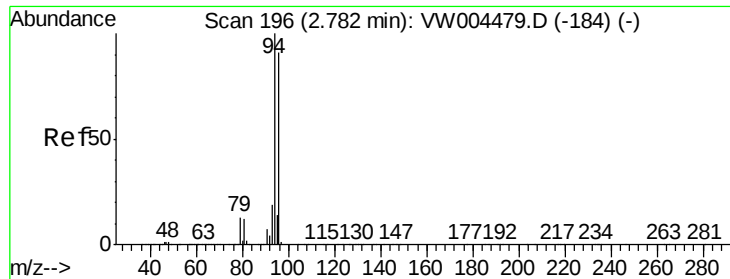
Tgt Ion: 62 Resp: 111050

Ion Ratio Lower Upper

62 100

64 30.4 26.2 39.2





#5

Bromomethane

Concen: 12.391 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

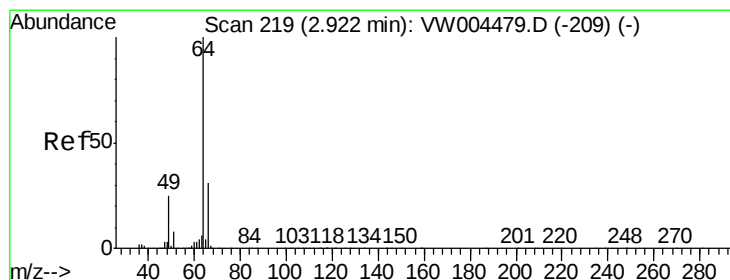
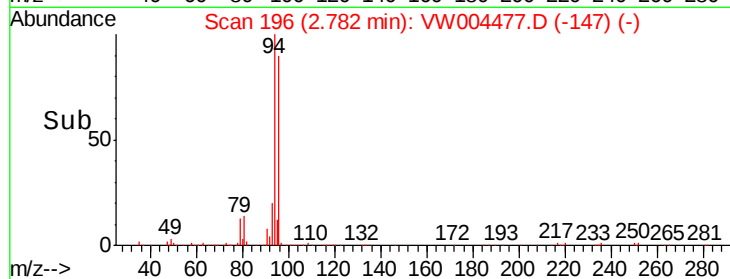
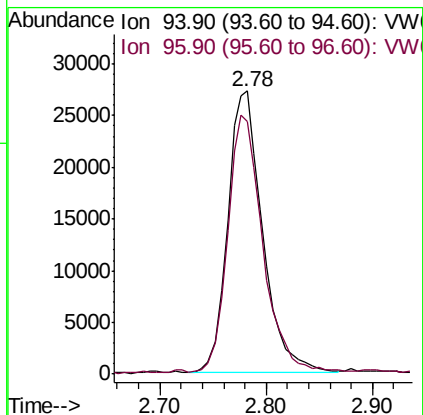
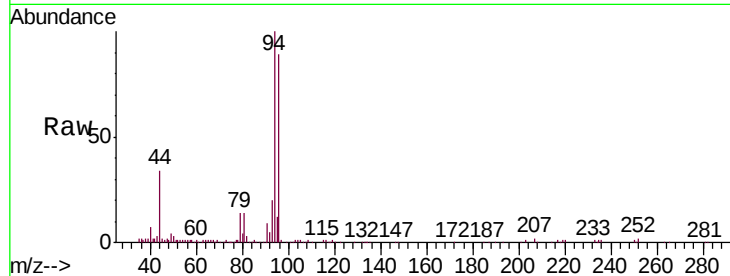
VSTDIC010

Tgt Ion: 94 Resp: 62366

Ion Ratio Lower Upper

94 100

96 89.0 72.9 109.3



#6

Chloroethane

Concen: 12.842 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004477.D

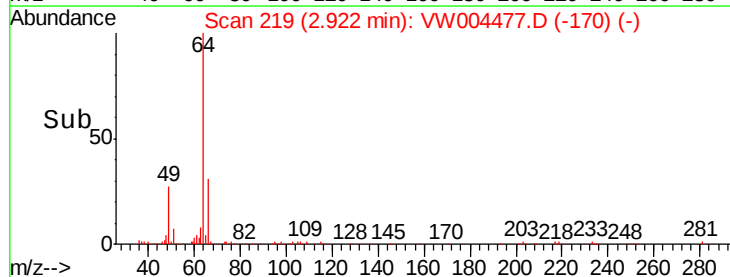
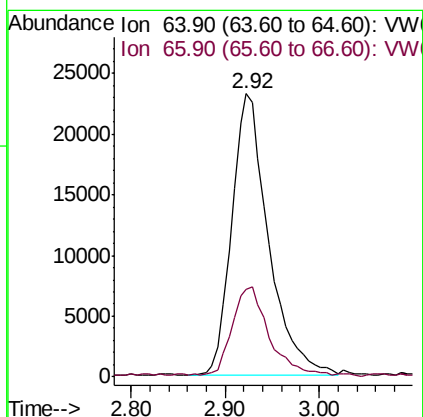
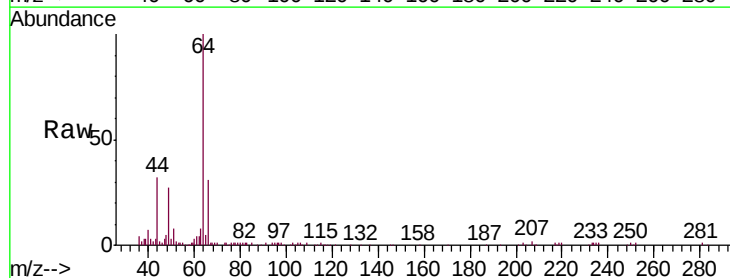
Acq: 06 Aug 2018 18:43

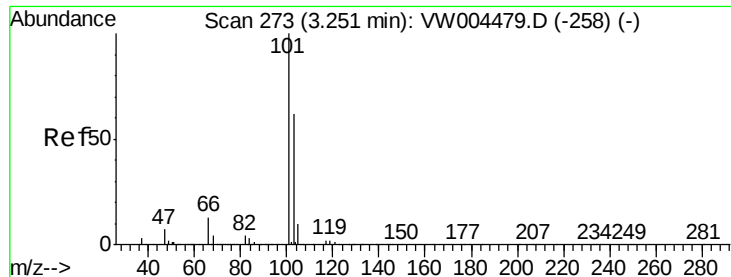
Tgt Ion: 64 Resp: 62781

Ion Ratio Lower Upper

64 100

66 30.5 24.6 36.8



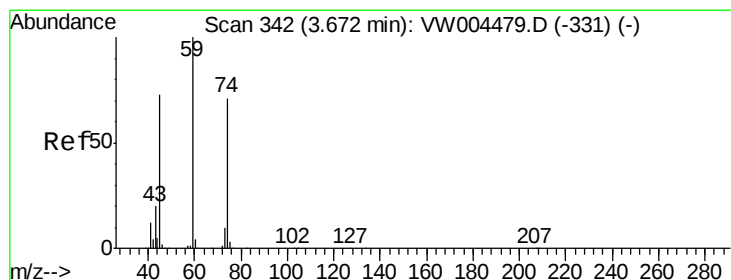
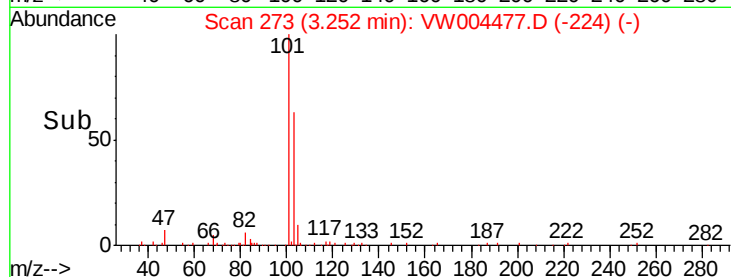
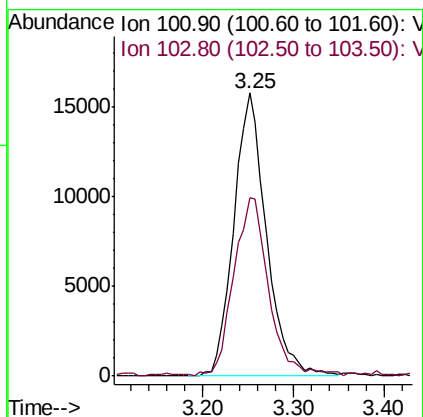
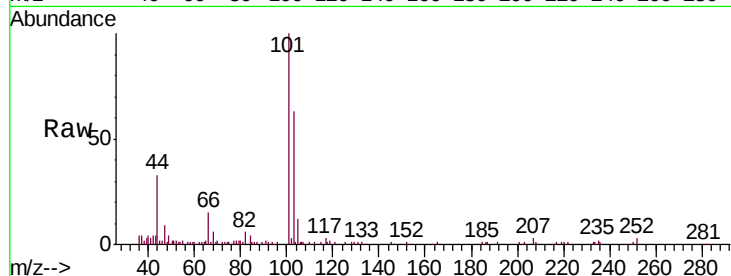


#7

Trichlorofluoromethane
Concen: 9.125 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
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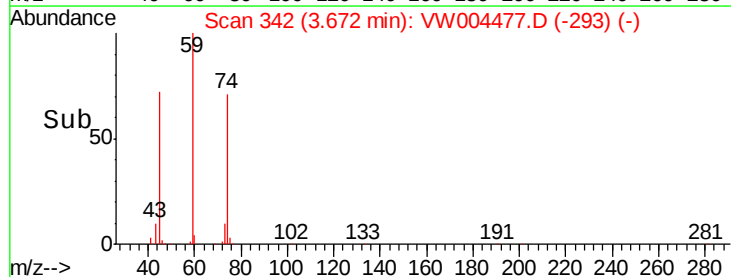
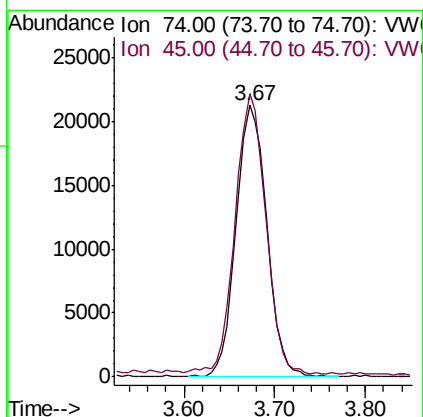
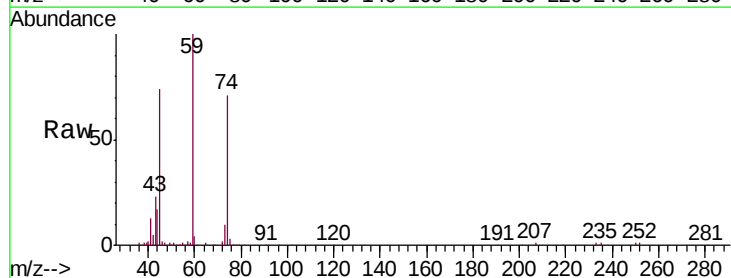
Tgt Ion: 101 Resp: 39390
Ion Ratio Lower Upper
101 100
103 62.3 49.8 74.8

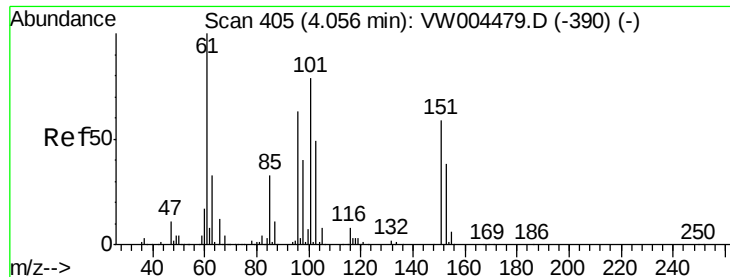


#8

Diethyl Ether
Concen: 12.341 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion: 74 Resp: 50195
Ion Ratio Lower Upper
74 100
45 102.3 51.2 153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.857 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004477.D

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Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

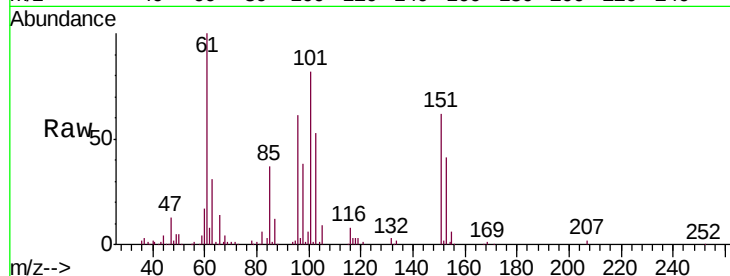
Tgt Ion:101 Resp: 91128

Ion Ratio Lower Upper

101 100

85 42.2 34.6 51.8

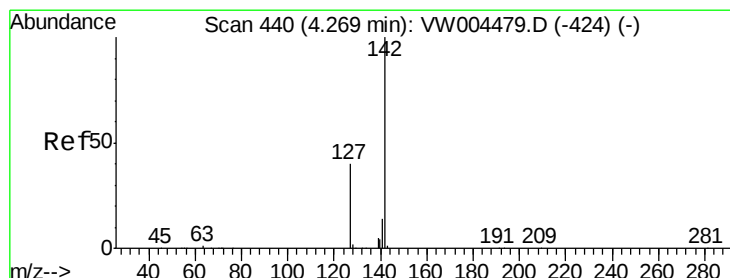
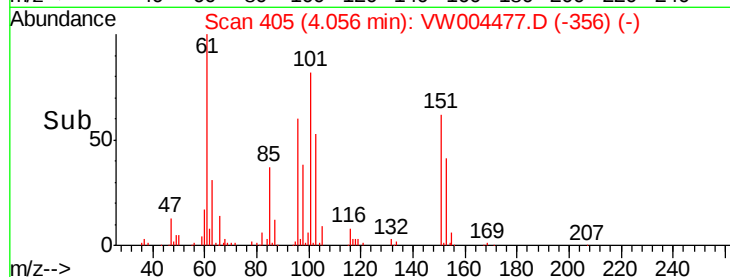
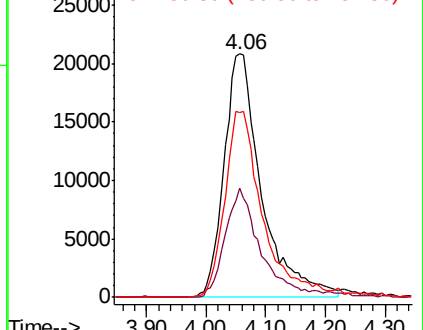
151 76.3 61.3 91.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 11.275 ug/l

RT: 4.27 min Scan# 440

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

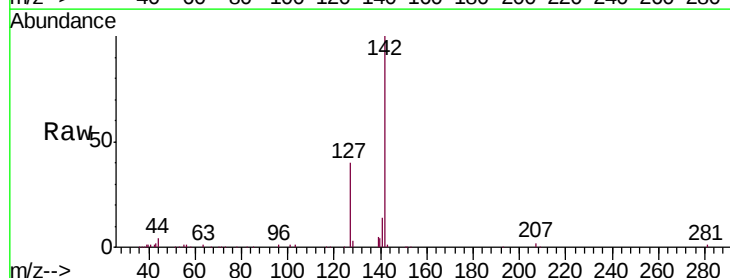
Tgt Ion:142 Resp: 129040

Ion Ratio Lower Upper

142 100

127 41.6 32.7 49.1

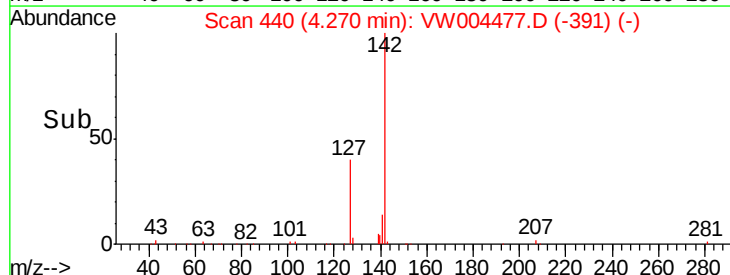
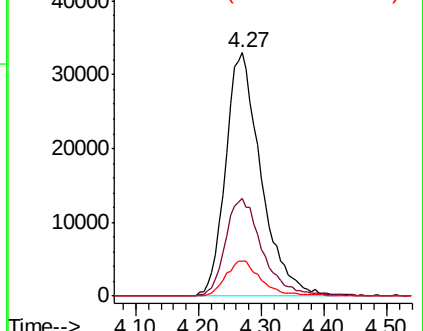
141 14.4 11.5 17.3

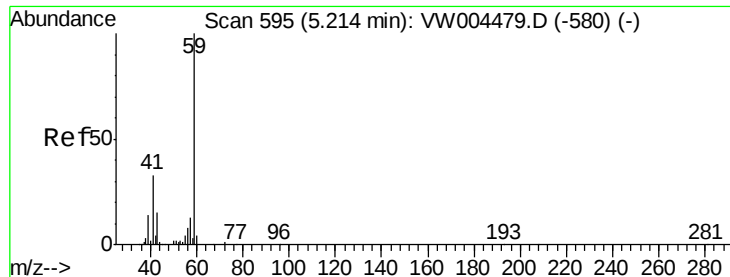


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 41.897 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

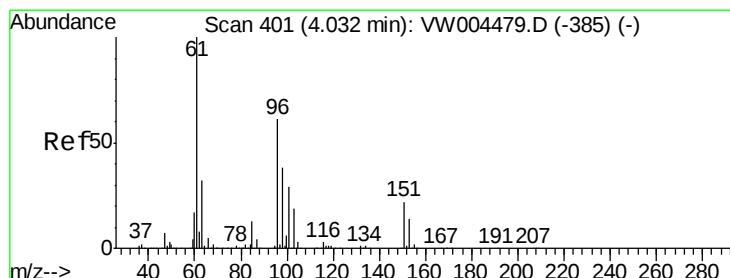
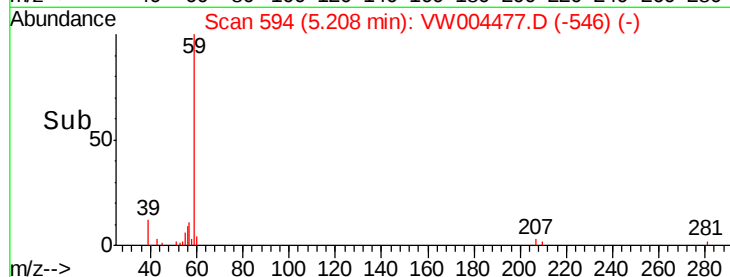
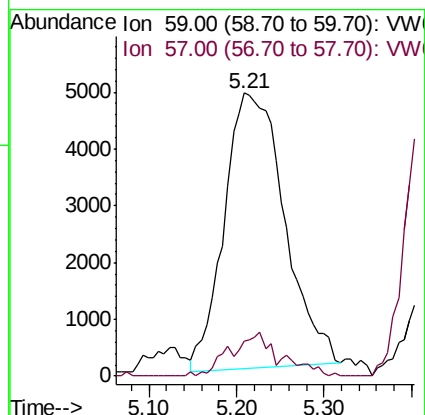
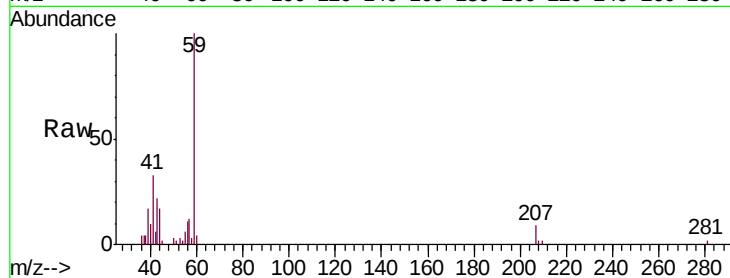
VSTDIC010

Tgt Ion: 59 Resp: 23221

Ion Ratio Lower Upper

59 100

57 4.4 9.1 13.7#



#12

1,1-Dichloroethene

Concen: 11.373 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

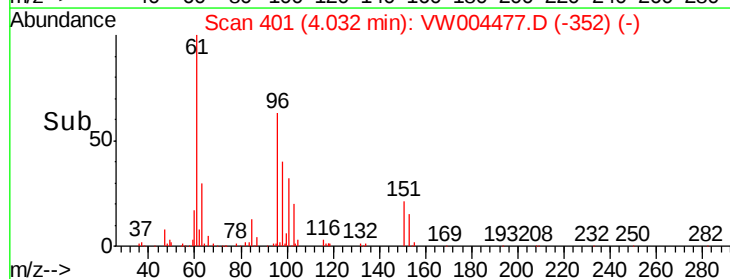
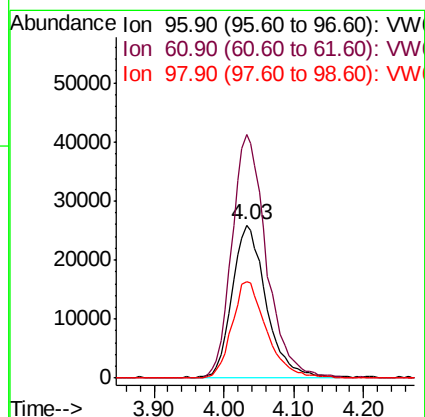
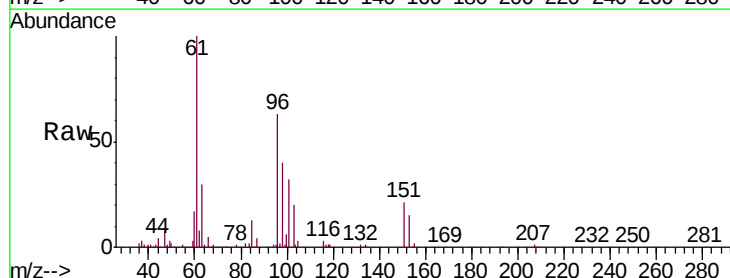
Tgt Ion: 96 Resp: 86917

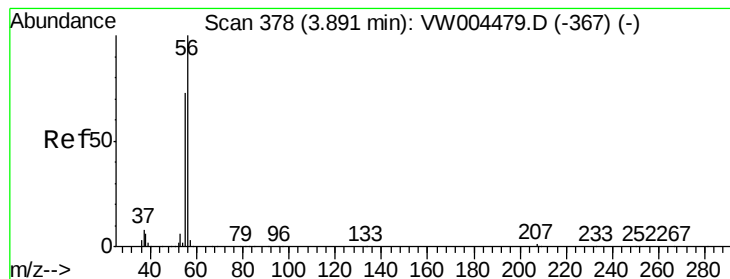
Ion Ratio Lower Upper

96 100

61 159.5 130.6 195.8

98 63.0 49.6 74.4





#13

Acrolein

Concen: 61.759 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

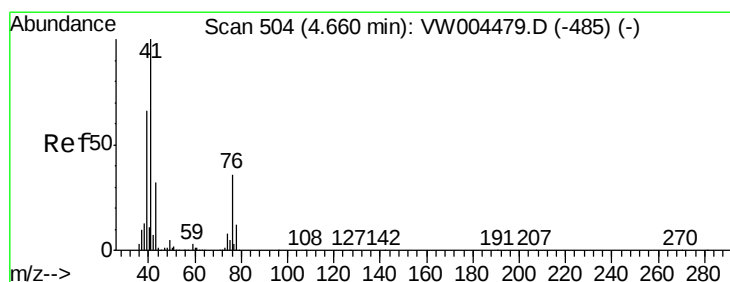
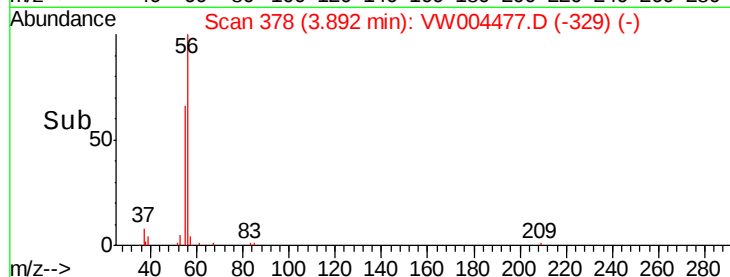
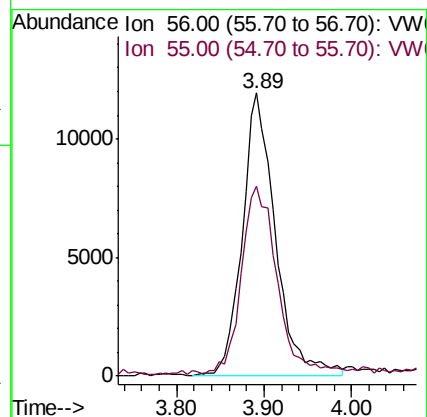
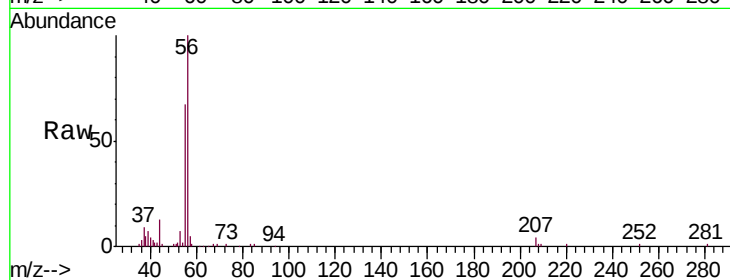
VSTDIC010

Tgt Ion: 56 Resp: 31548

Ion Ratio Lower Upper

56 100

55 71.5 56.7 85.1



#14

Allyl chloride

Concen: 10.512 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

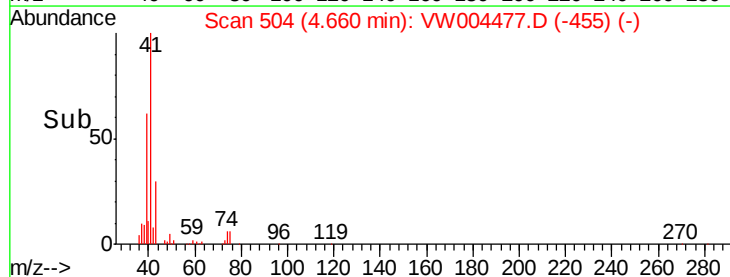
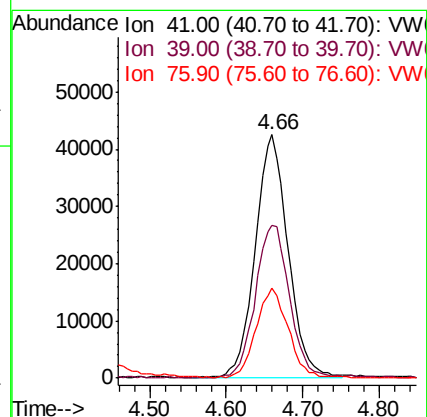
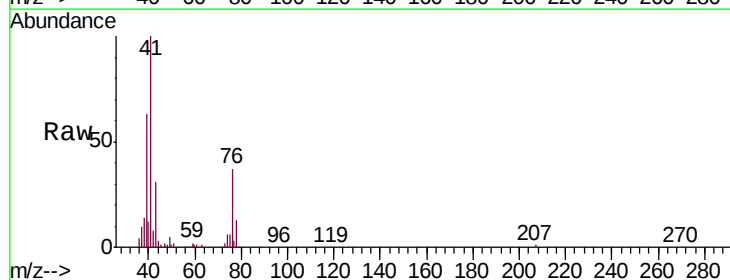
Tgt Ion: 41 Resp: 127262

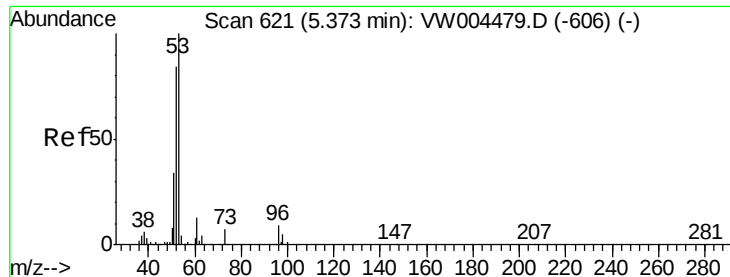
Ion Ratio Lower Upper

41 100

39 65.4 51.9 77.9

76 35.8 29.0 43.6





#15

Acrylonitrile

Concen: 61.564 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

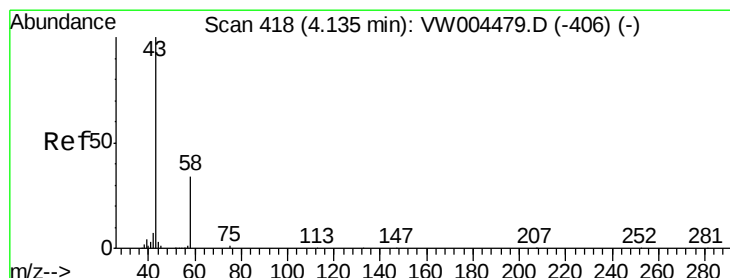
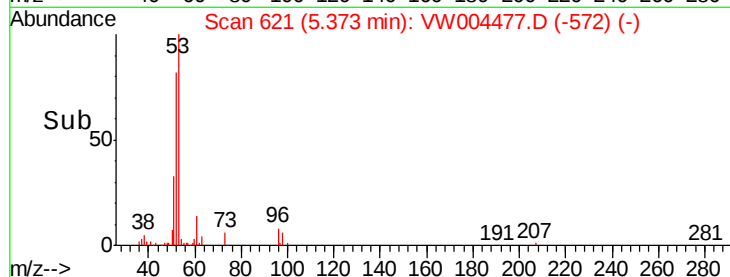
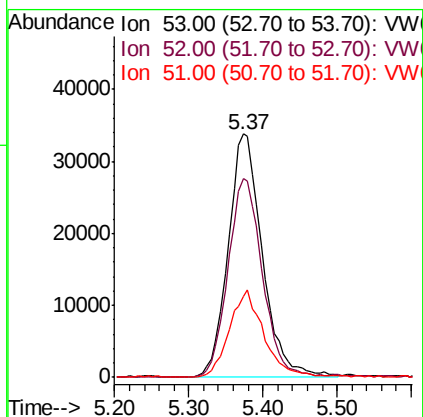
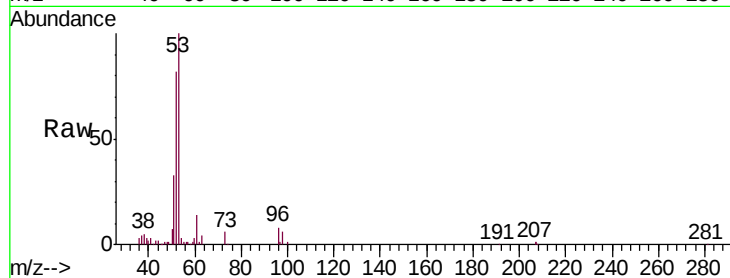
Tgt Ion: 53 Resp: 109146

Ion Ratio Lower Upper

53 100

52 82.0 66.5 99.7

51 36.3 28.4 42.6



#16

Acetone

Concen: 65.664 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004477.D

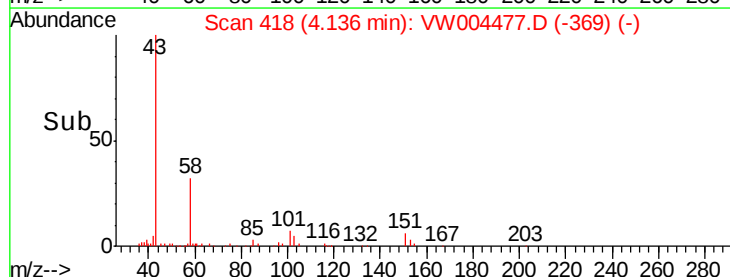
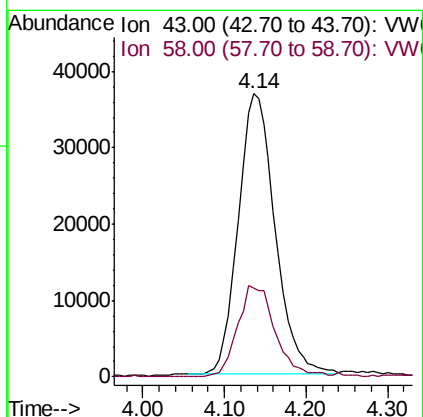
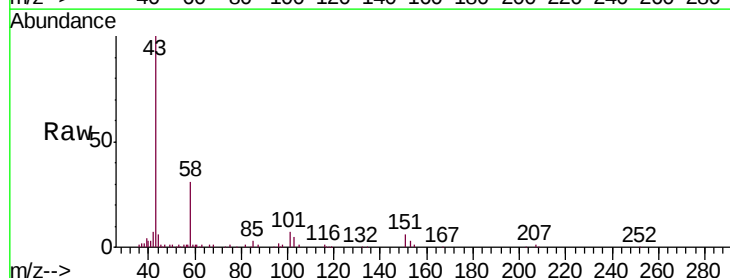
Acq: 06 Aug 2018 18:43

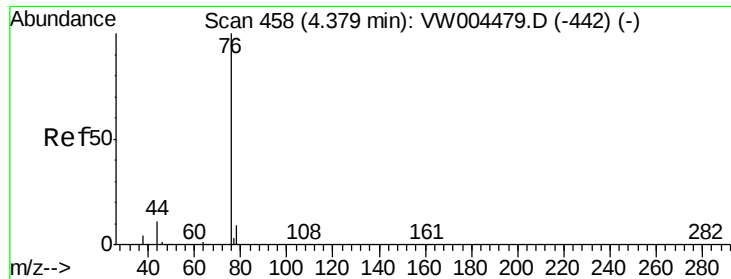
Tgt Ion: 43 Resp: 115578

Ion Ratio Lower Upper

43 100

58 31.6 26.8 40.2

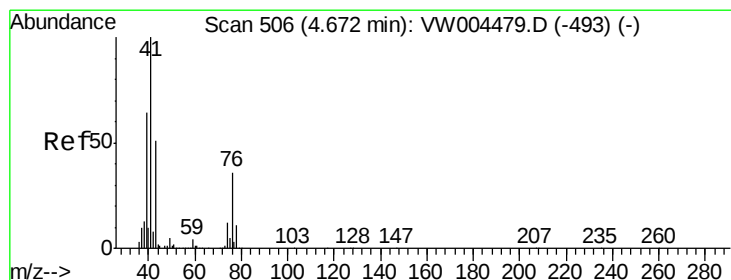
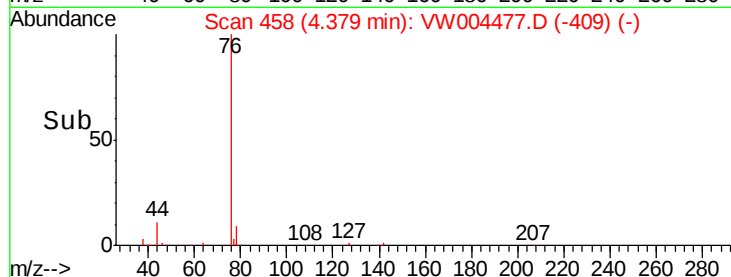
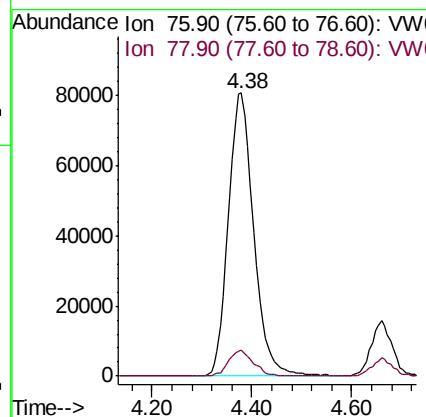
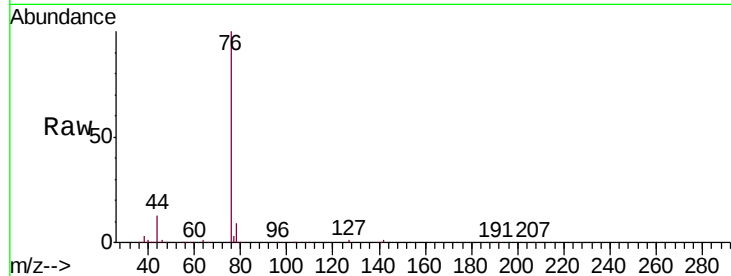




#17
Carbon Disulfide
Concen: 12.089 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

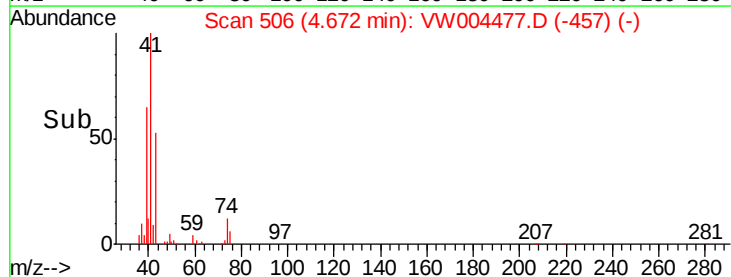
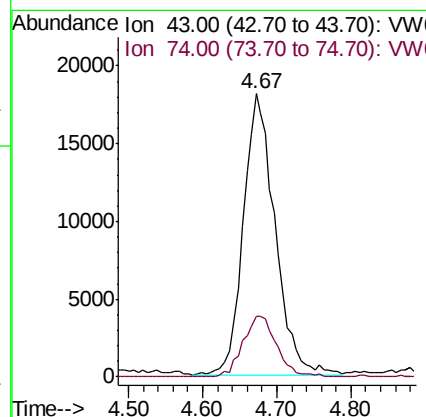
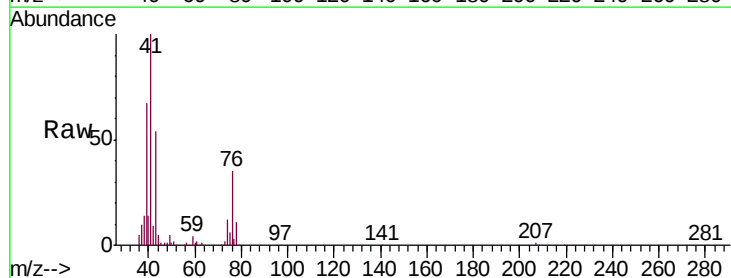
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

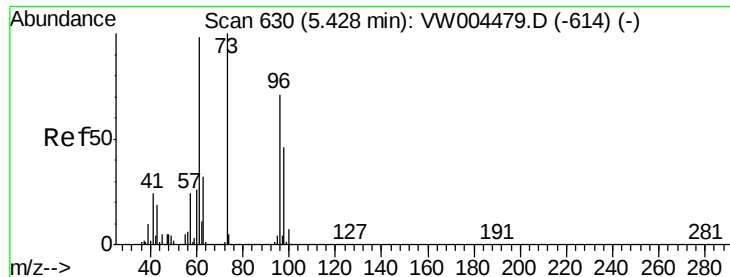
Tgt Ion: 76 Resp: 285854
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 11.719 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion: 43 Resp: 53926
Ion Ratio Lower Upper
43 100
74 23.0 19.1 28.7



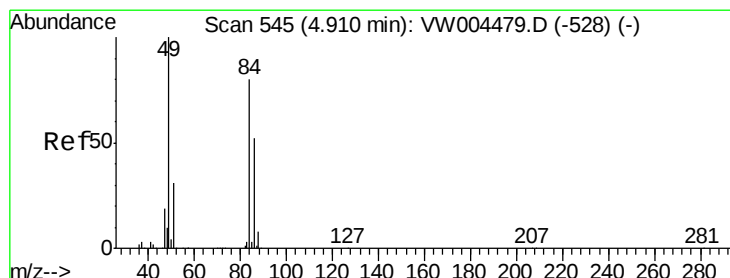
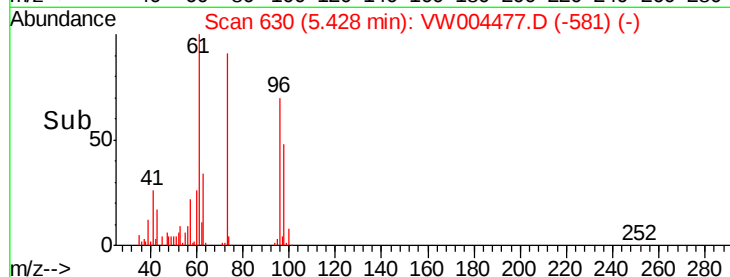
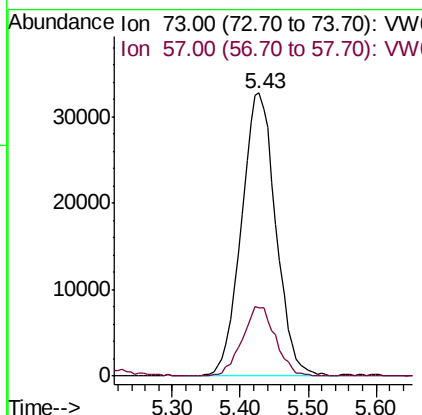
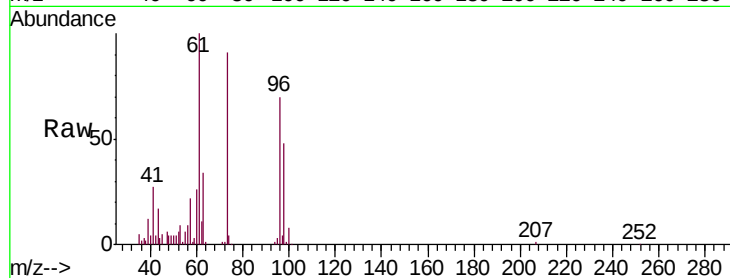


#19

Methyl tert-butyl Ether
 Concen: 8.769 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

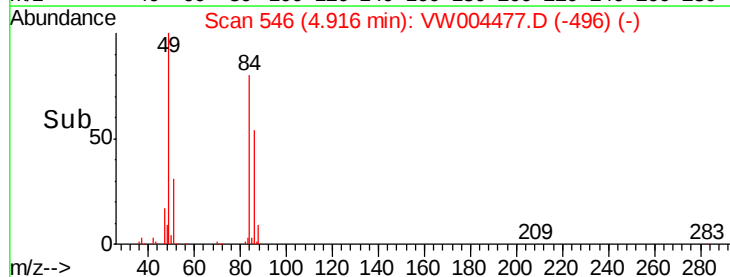
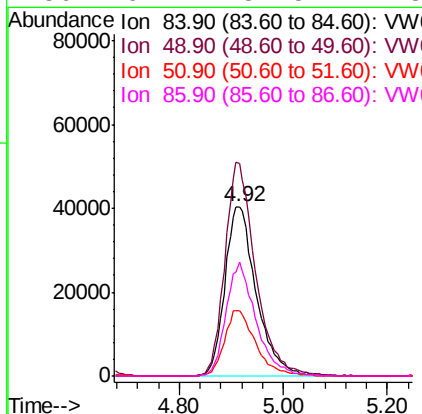
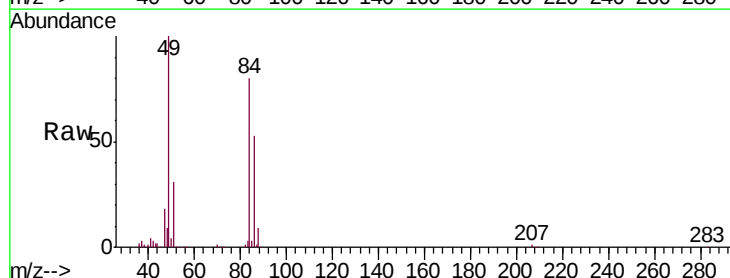
Tgt Ion: 73 Resp: 115224
 Ion Ratio Lower Upper
 73 100
 57 24.0 19.6 29.4

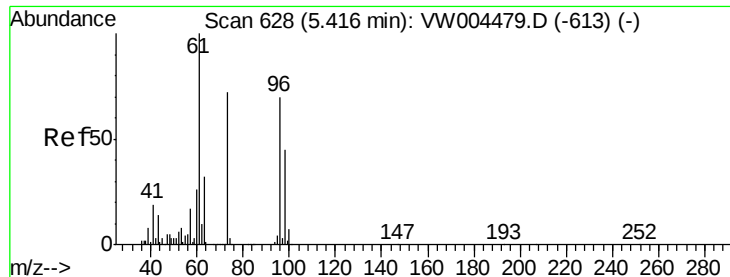


#20

Methylene Chloride
 Concen: 20.072 ug/l
 RT: 4.92 min Scan# 546
 Delta R.T. 0.01 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion: 84 Resp: 170711
 Ion Ratio Lower Upper
 84 100
 49 125.7 99.6 149.4
 51 38.5 31.0 46.4
 86 67.2 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 11.320 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

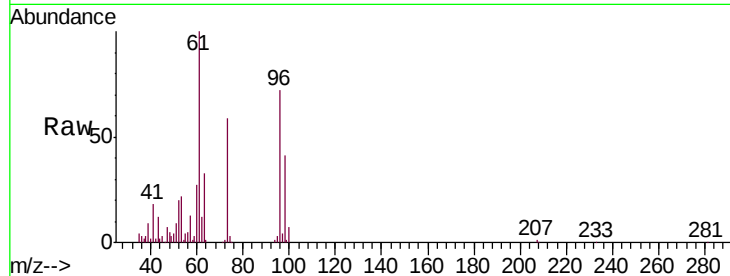
Tgt Ion: 96 Resp: 92923

Ion Ratio Lower Upper

96 100

61 138.7 114.1 171.1

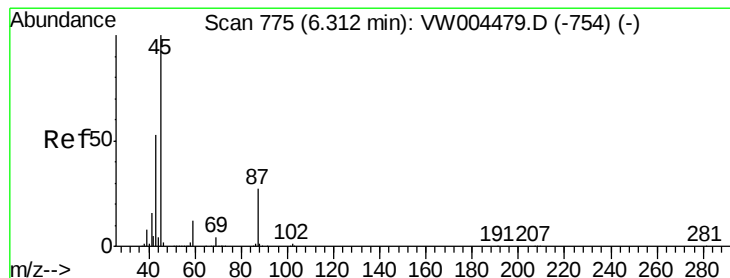
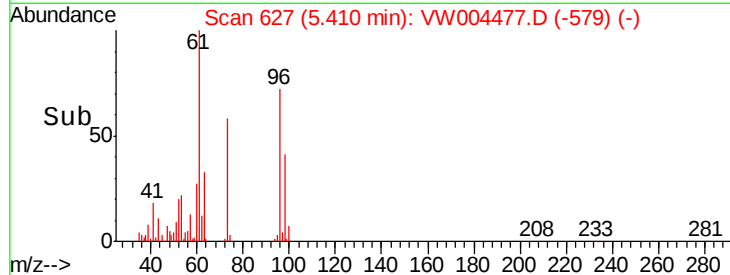
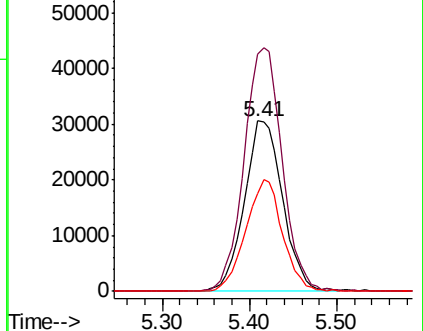
98 56.9 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 11.184 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Tgt Ion: 45 Resp: 259714

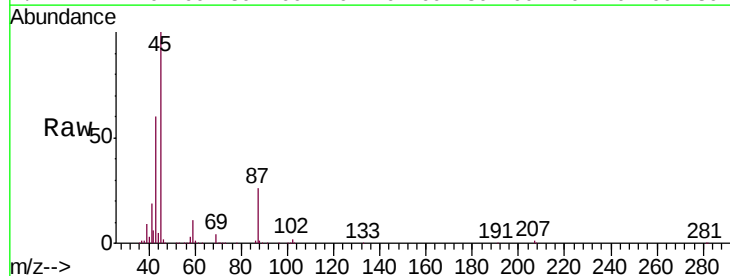
Ion Ratio Lower Upper

45 100

43 59.7 42.4 63.6

87 25.8 21.6 32.4

59 11.0 9.6 14.4

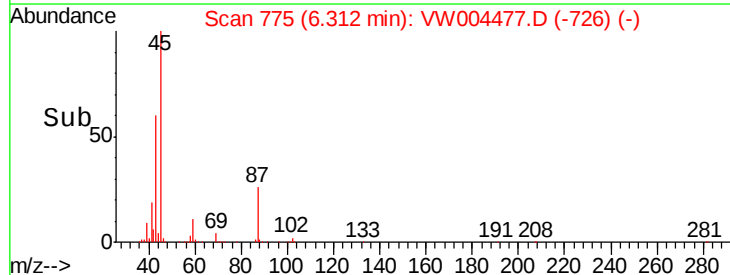
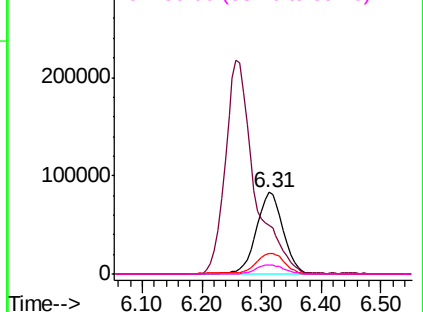


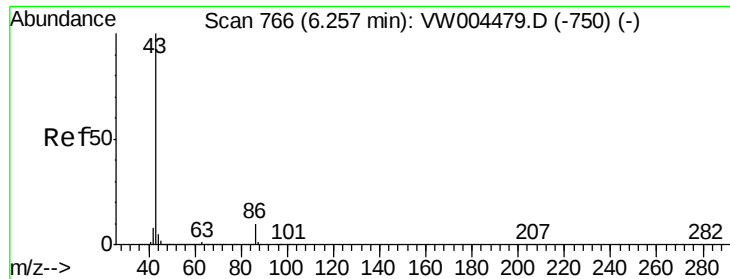
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

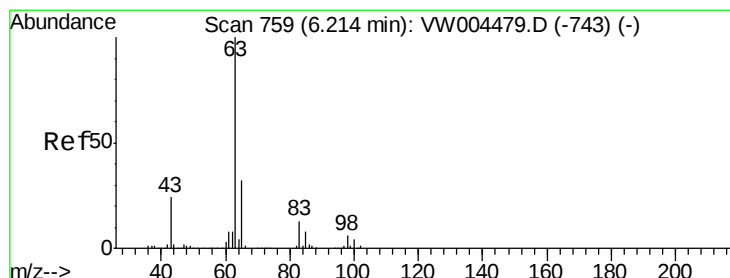
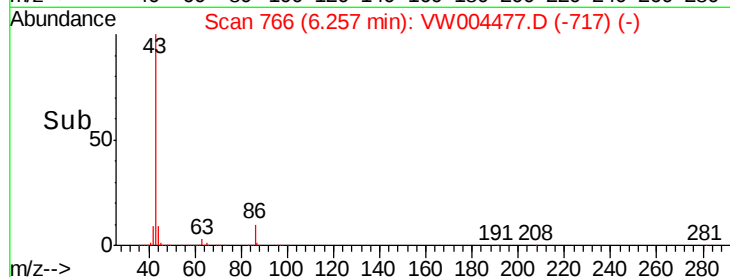
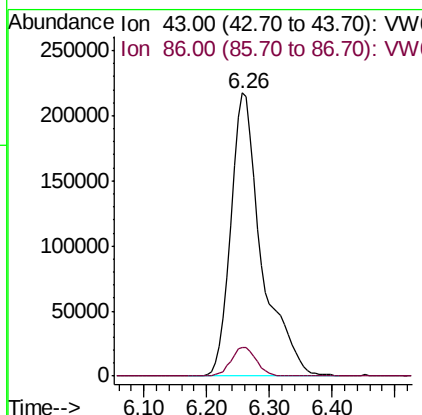
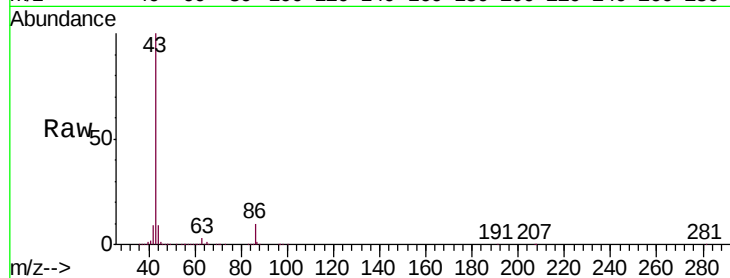




#23
 Vinyl Acetate
 Concen: 54.312 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

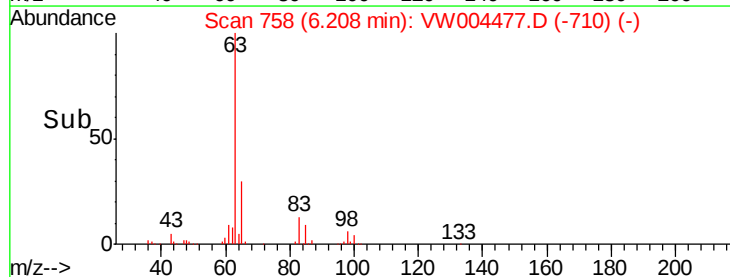
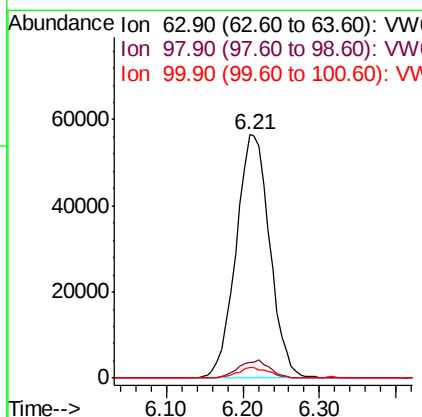
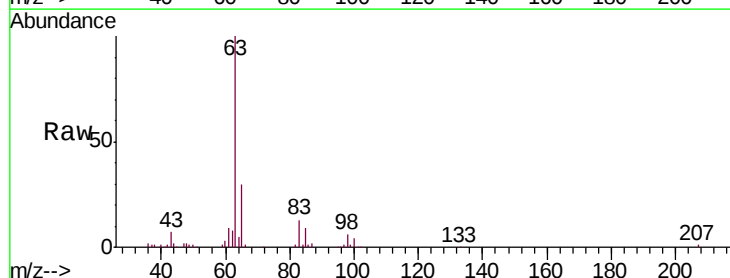
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

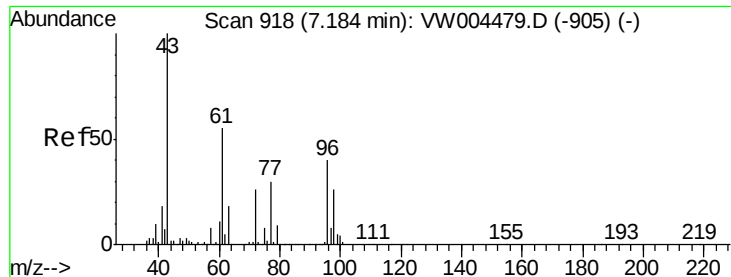
Tgt Ion: 43 Resp: 738169
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 11.505 ug/l
 RT: 6.21 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion: 63 Resp: 172648
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.3
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 74.962 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

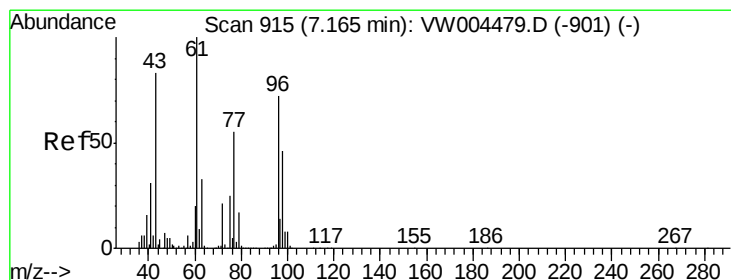
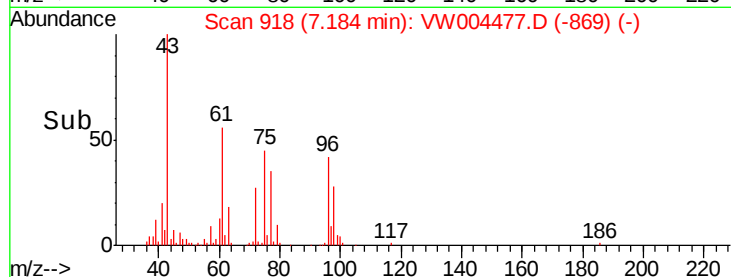
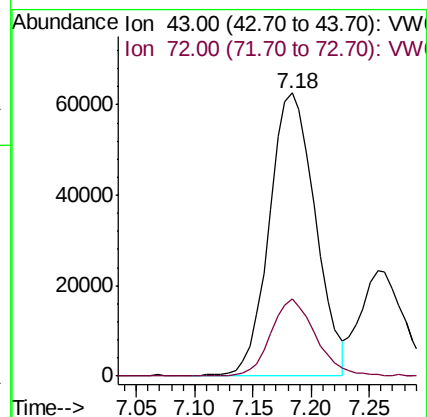
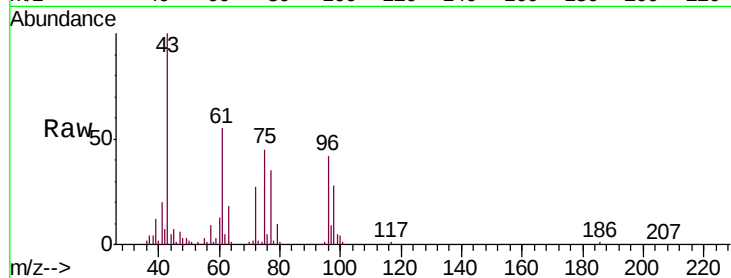
VSTDIC010

Tgt Ion: 43 Resp: 171509

Ion Ratio Lower Upper

43 100

72 27.2 21.0 31.6



#26

2,2-Dichloropropane

Concen: 11.311 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004477.D

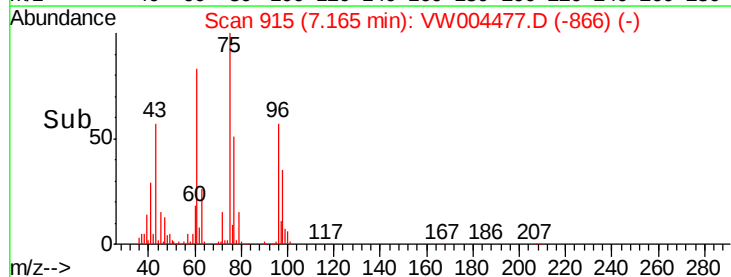
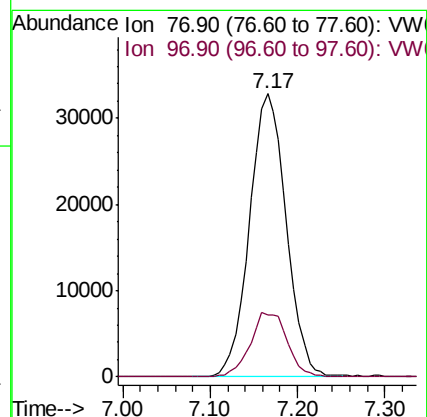
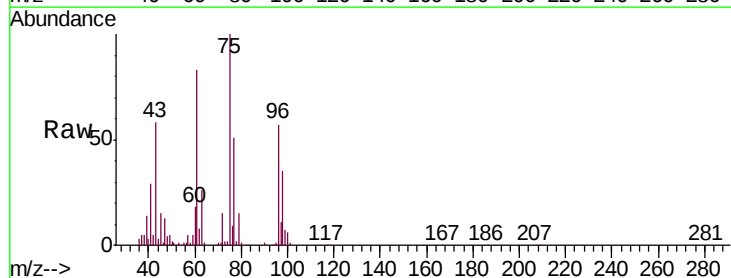
Acq: 06 Aug 2018 18:43

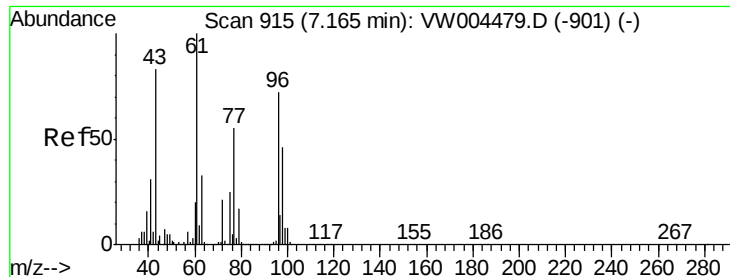
Tgt Ion: 77 Resp: 95883

Ion Ratio Lower Upper

77 100

97 22.8 12.5 37.5



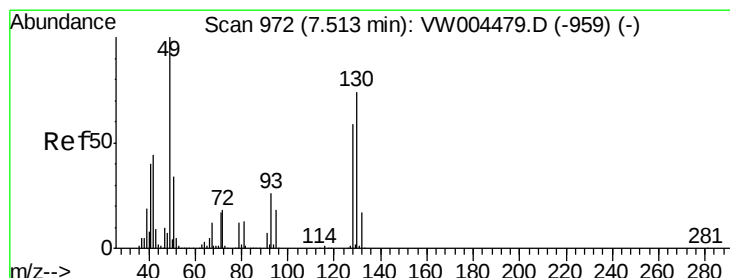
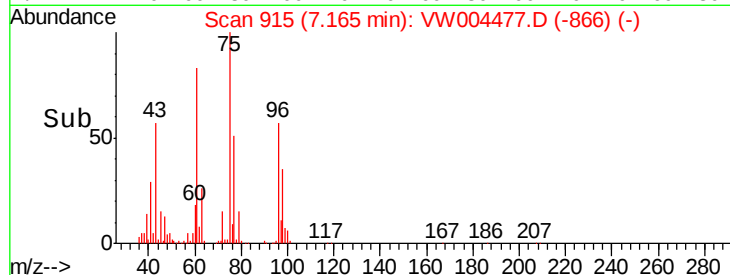
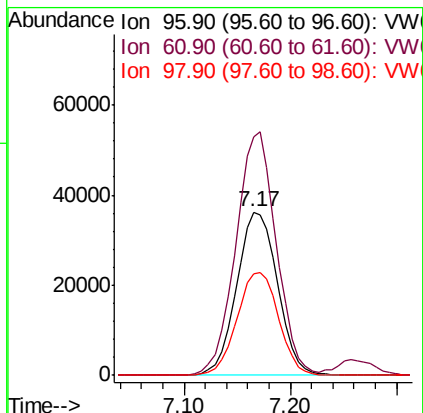
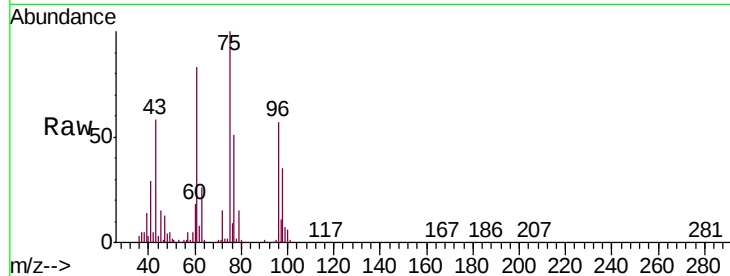


#27

cis-1,2-Dichloroethene
 Concen: 11.569 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

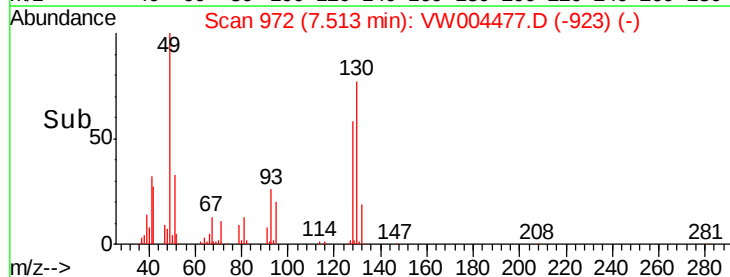
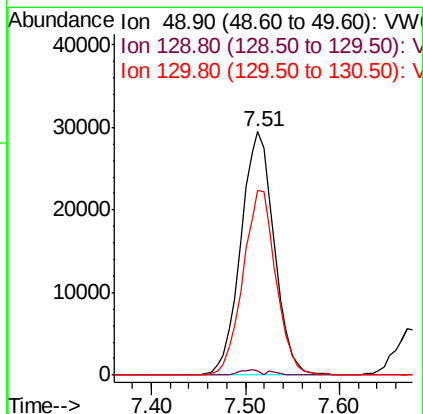
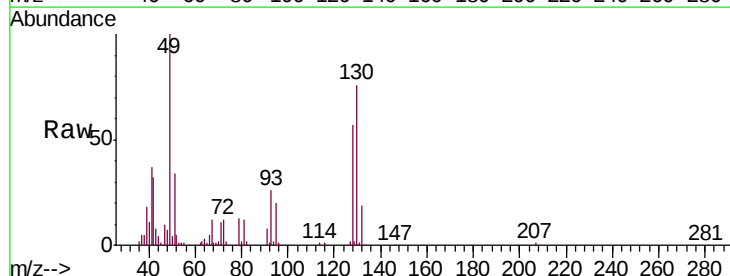
Tgt Ion: 96 Resp: 97201
 Ion Ratio Lower Upper
 96 100
 61 148.0 0.0 285.0
 98 64.4 0.0 128.6

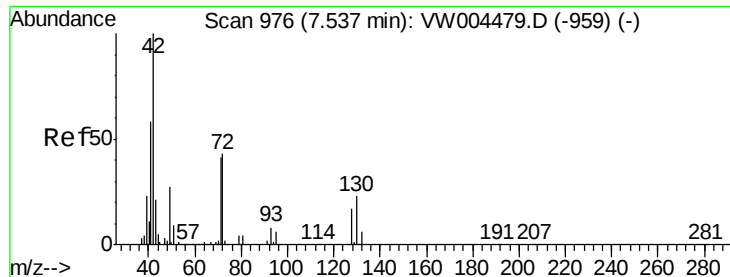


#28

Bromochloromethane
 Concen: 13.393 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion: 49 Resp: 73115
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.0
 130 74.8 58.8 88.2





#29

Tetrahydrofuran

Concen: 60.353 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

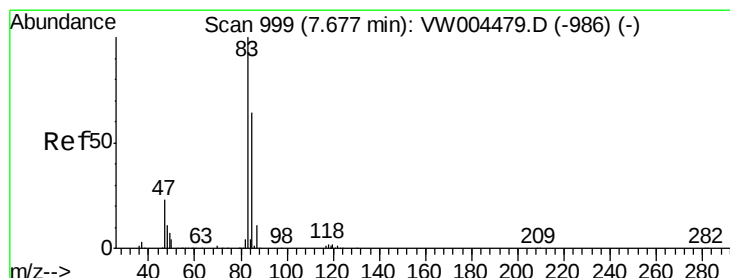
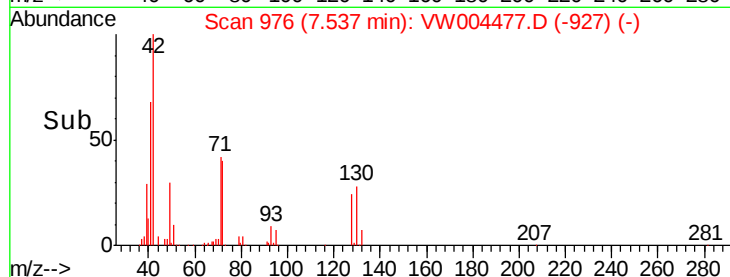
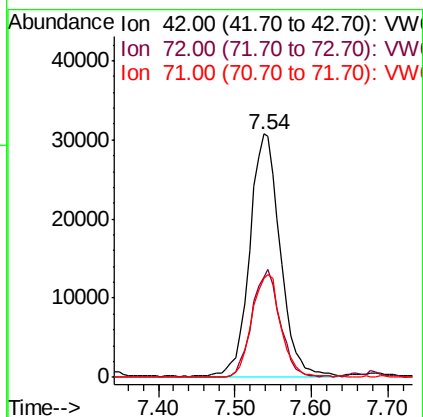
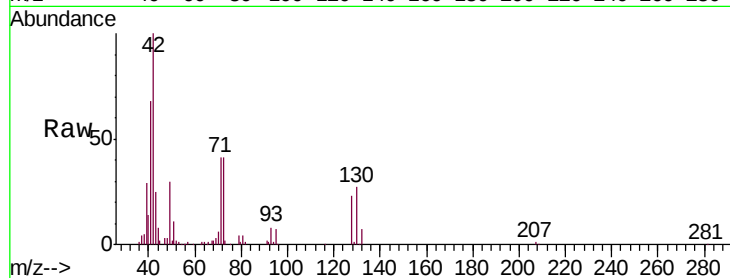
Tgt Ion: 42 Resp: 84905

Ion Ratio Lower Upper

42 100

72 41.1 34.1 51.1

71 40.3 32.5 48.7



#30

Chloroform

Concen: 11.967 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW004477.D

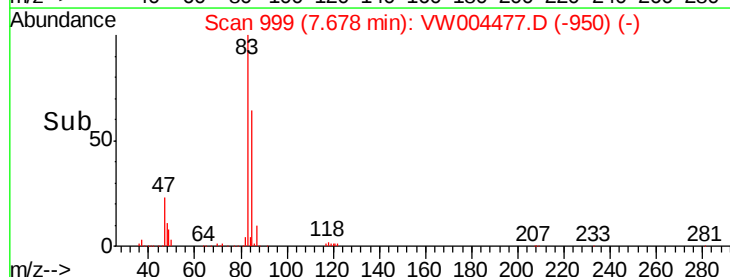
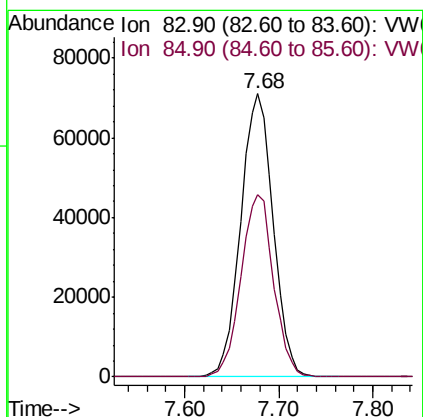
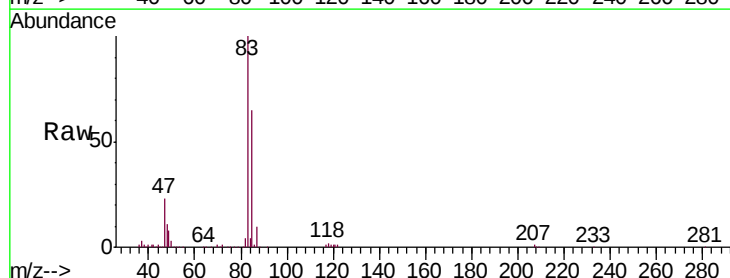
Acq: 06 Aug 2018 18:43

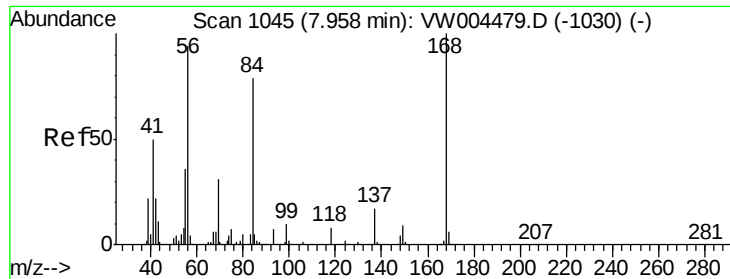
Tgt Ion: 83 Resp: 171152

Ion Ratio Lower Upper

83 100

85 64.6 51.3 76.9

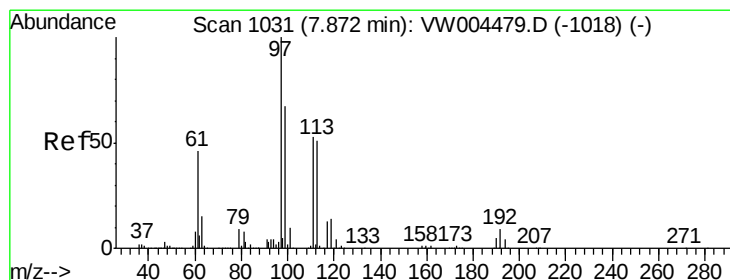
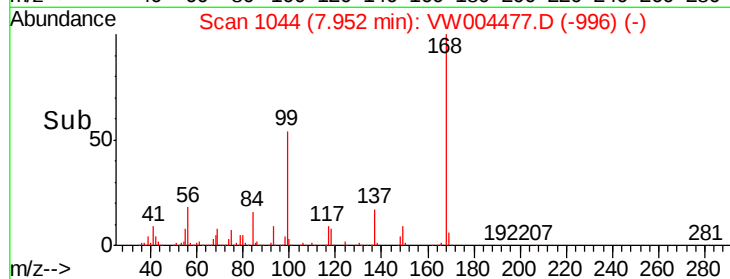
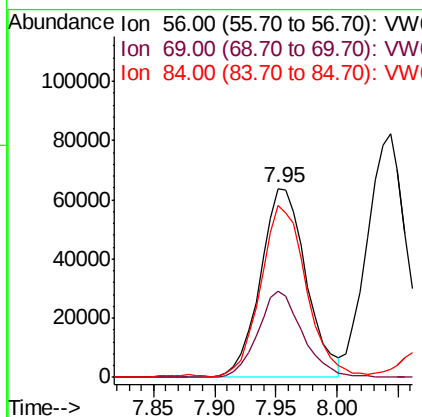
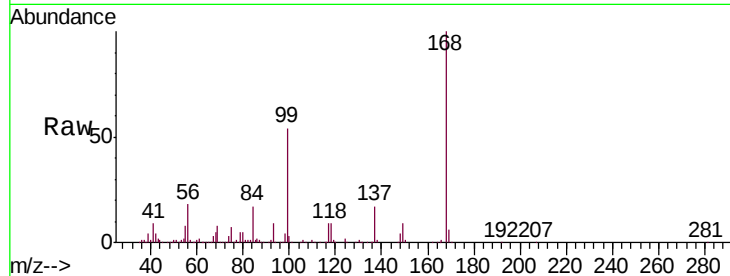




#31
Cyclohexane
Concen: 12.508 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

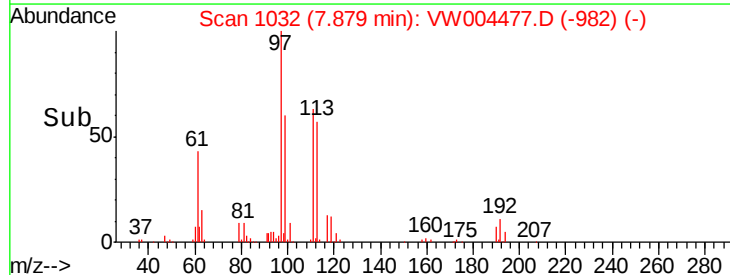
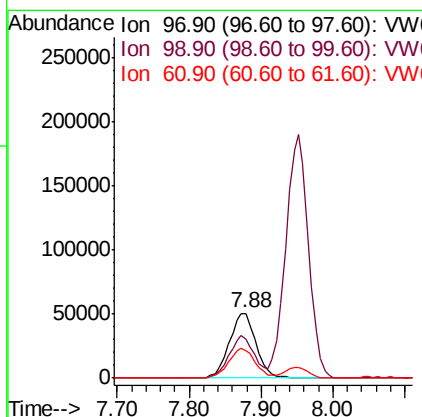
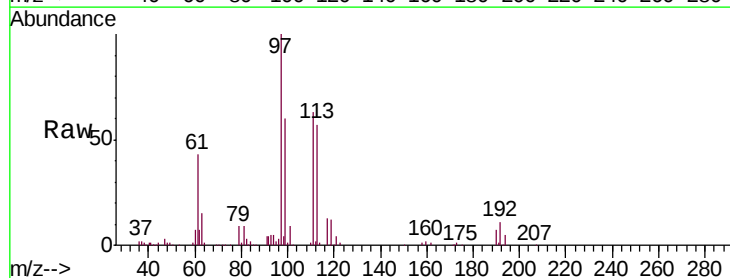
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

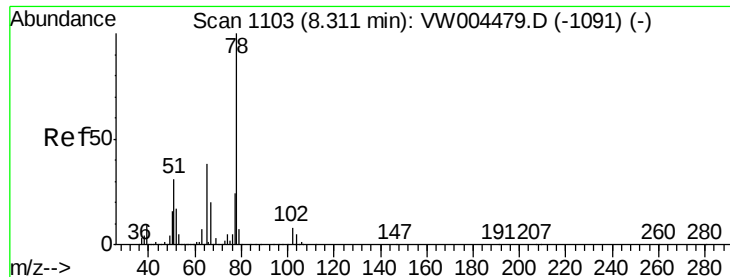
Tgt Ion: 56 Resp: 166585
Ion Ratio Lower Upper
56 100
69 45.4 26.4 39.6#
84 89.7 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 11.314 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion: 97 Resp: 130975
Ion Ratio Lower Upper
97 100
99 62.9 51.6 77.4
61 45.1 35.7 53.5

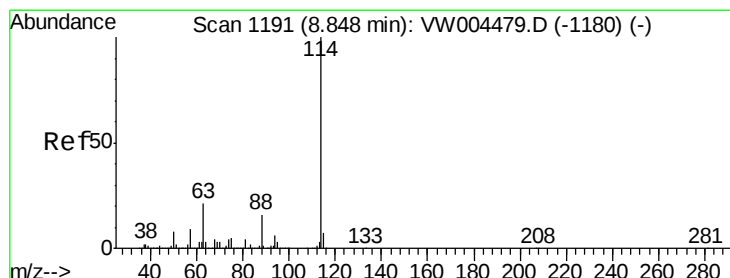
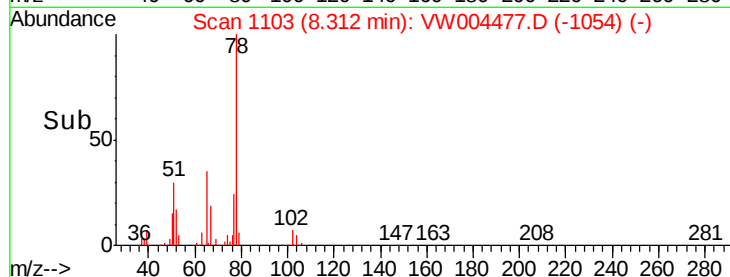
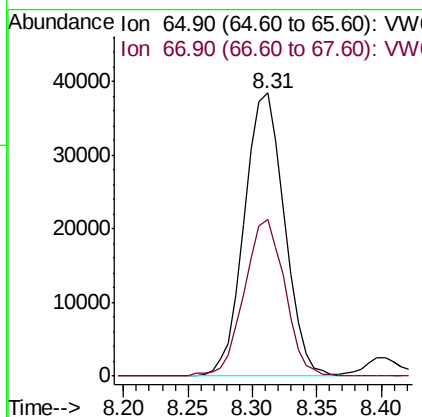
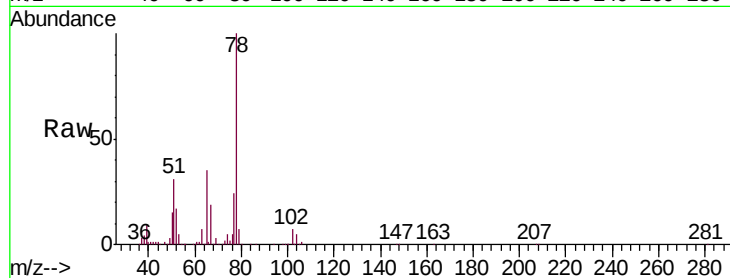




#33
 1,2-Dichloroethane-d4
 Concen: 10.783 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

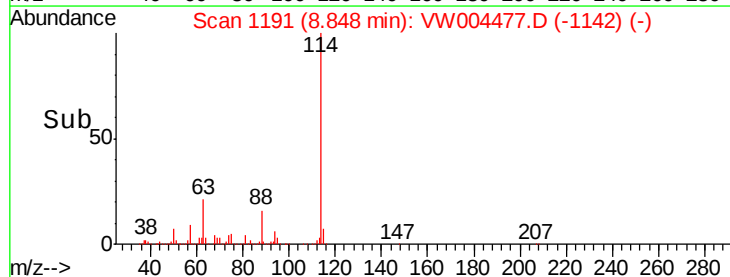
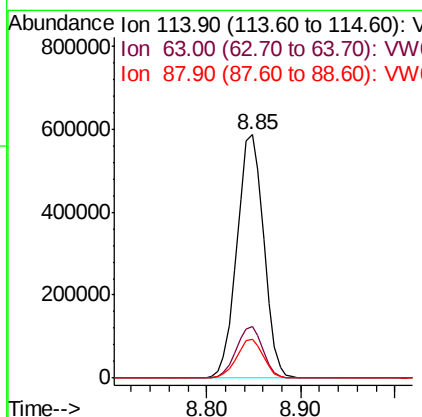
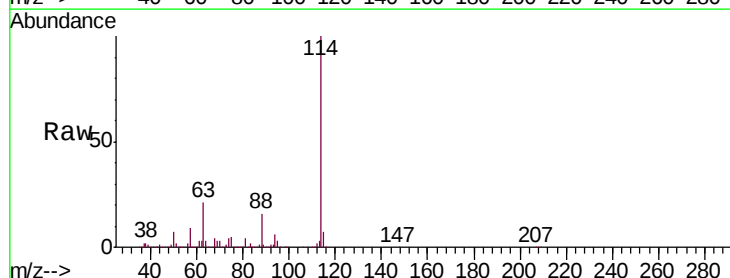
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

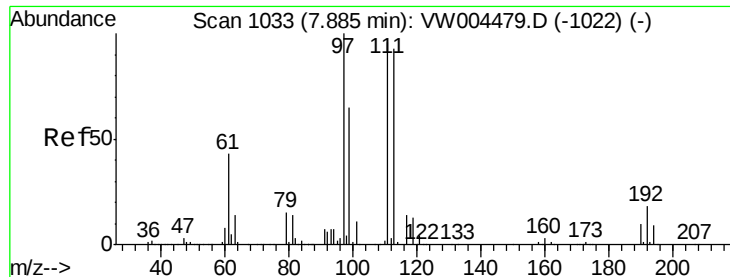
Tgt Ion: 65 Resp: 83155
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion: 114 Resp: 1165142
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 16.1 0.0 31.2

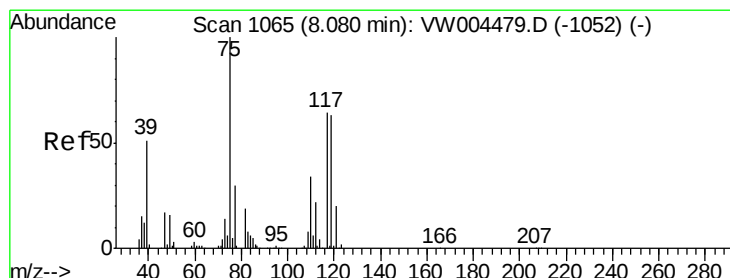
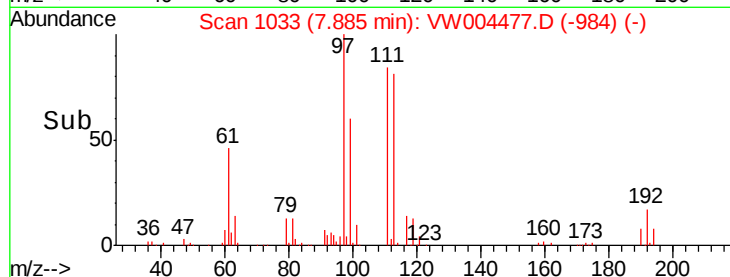
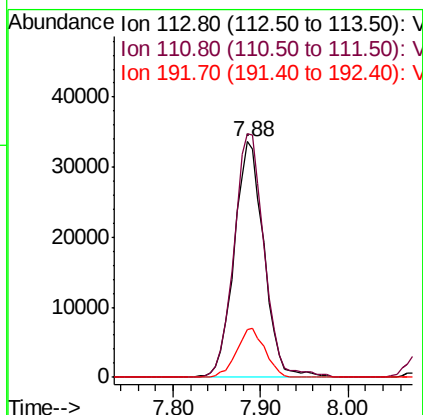
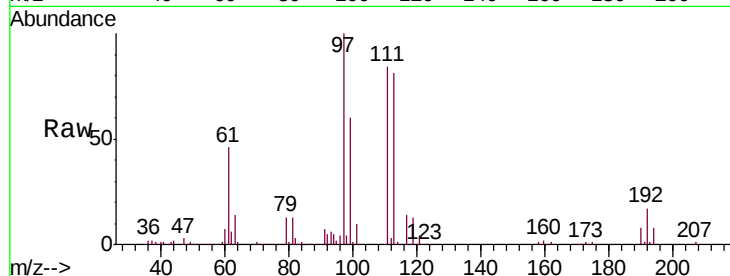




#35
 Dibromofluoromethane
 Concen: 10.708 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

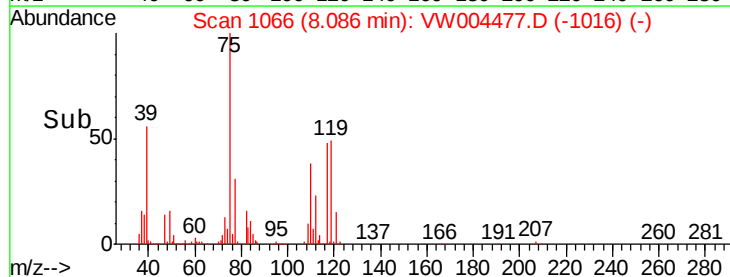
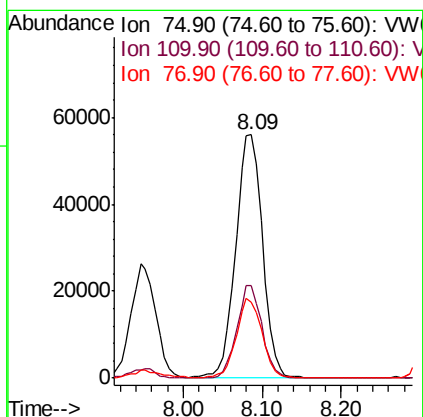
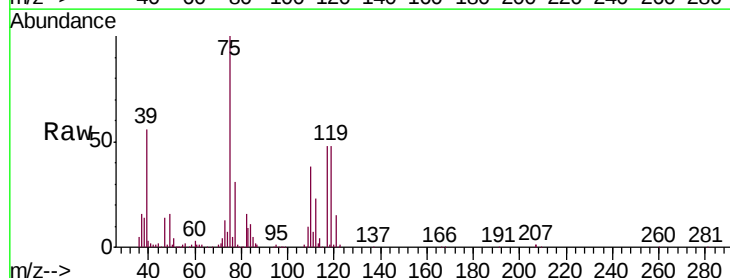
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

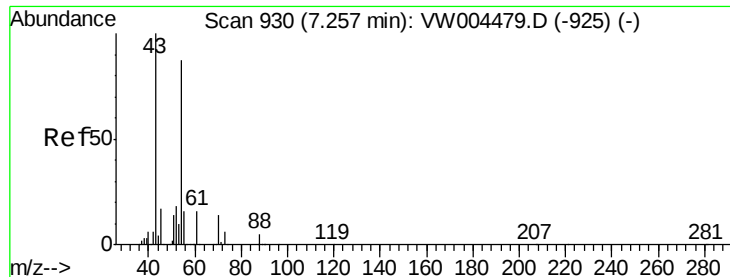
Tgt Ion: 113 Resp: 79543
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.9 124.3
 192 19.9 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 11.230 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion: 75 Resp: 132385
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.4 52.2
 77 31.2 24.7 37.1

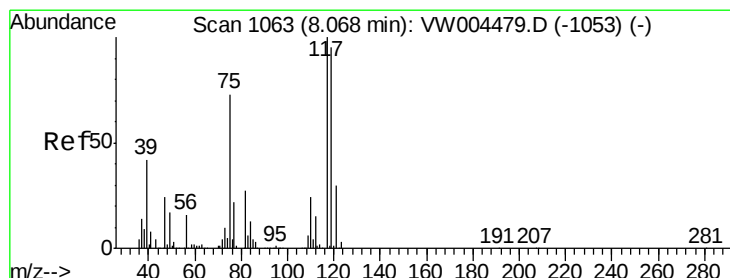
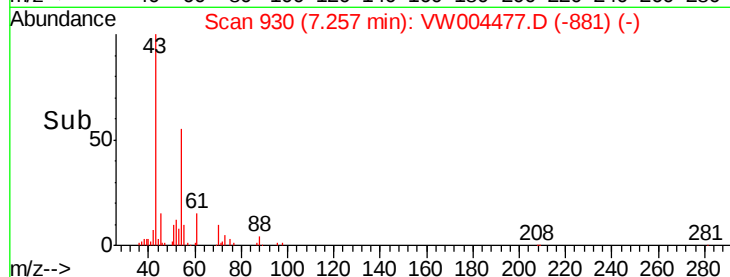
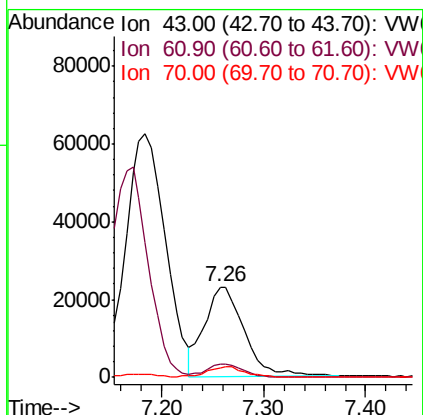
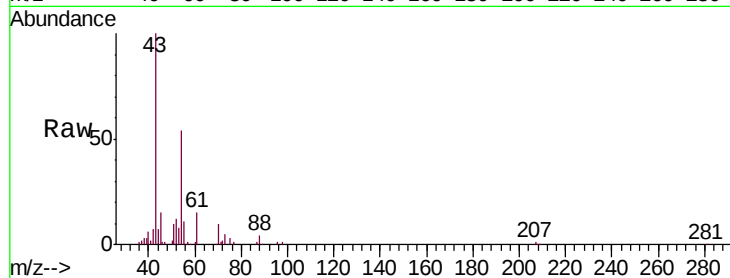




#37
 Ethyl Acetate
 Concen: 12.822 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

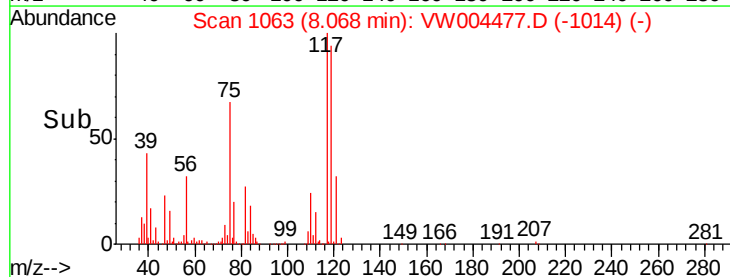
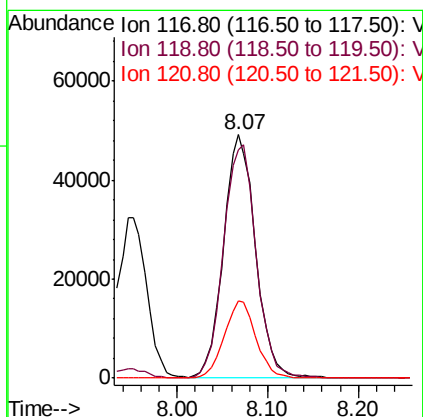
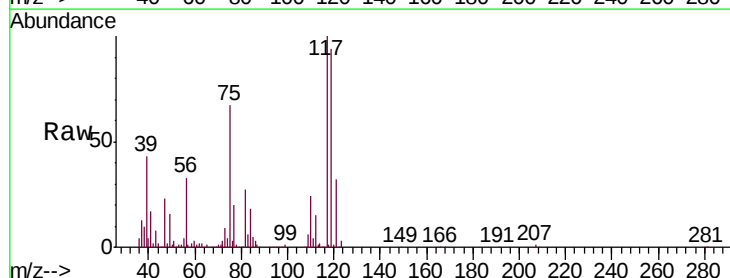
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

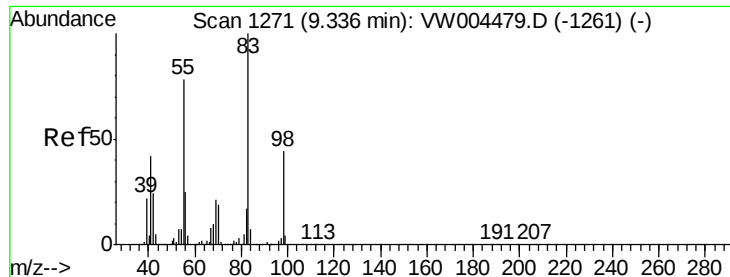
Tgt Ion: 43 Resp: 62660
 Ion Ratio Lower Upper
 43 100
 61 13.8 11.9 17.9
 70 11.1 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 10.407 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion: 117 Resp: 119696
 Ion Ratio Lower Upper
 117 100
 119 93.8 76.1 114.1
 121 32.0 24.2 36.4

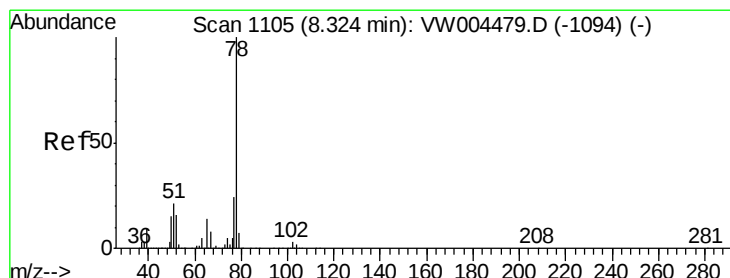
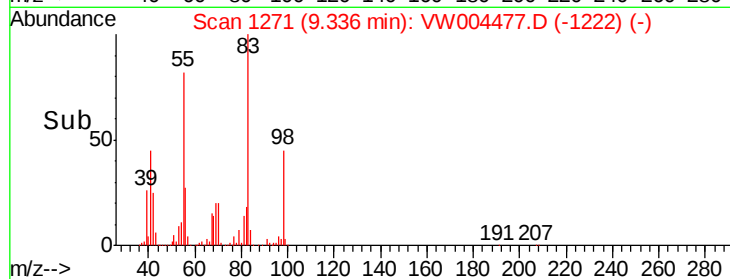
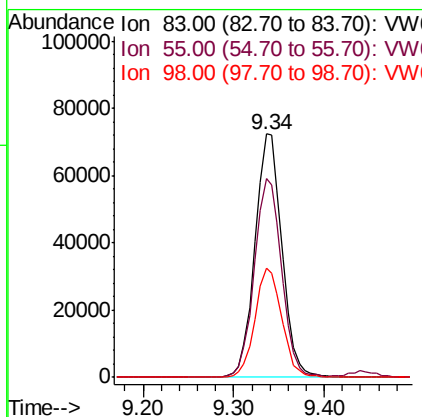
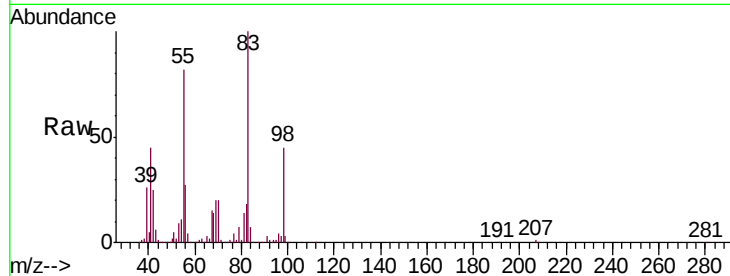




#39
Methylcyclohexane
Concen: 10.409 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

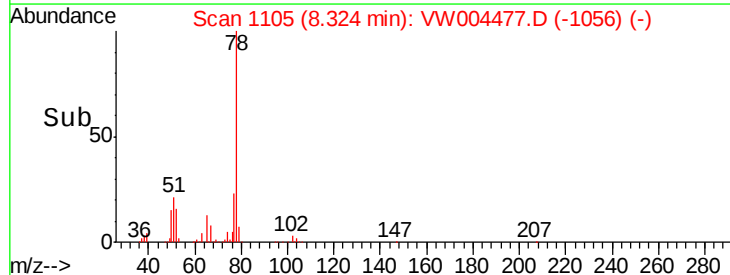
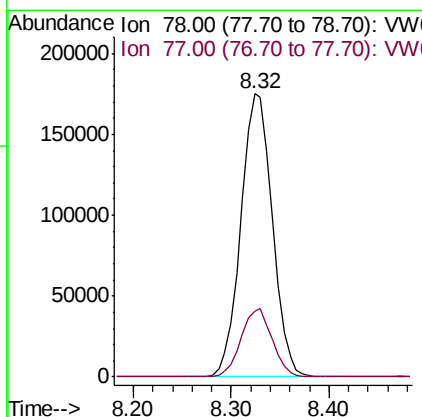
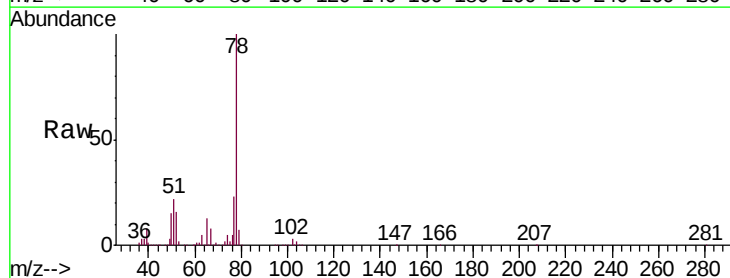
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

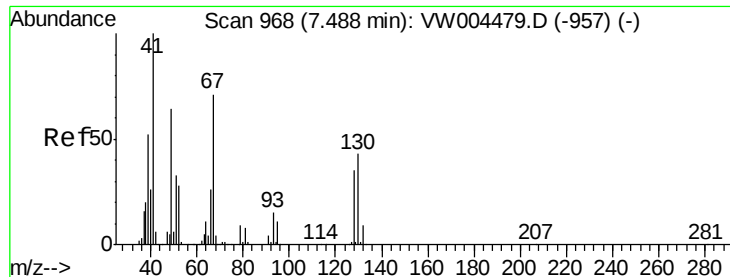
Tgt Ion: 83 Resp: 149097
Ion Ratio Lower Upper
83 100
55 81.8 62.5 93.7
98 44.9 35.4 53.2



#40
Benzene
Concen: 11.733 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion: 78 Resp: 390891
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

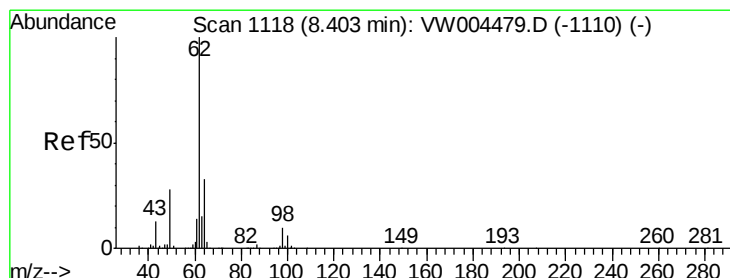
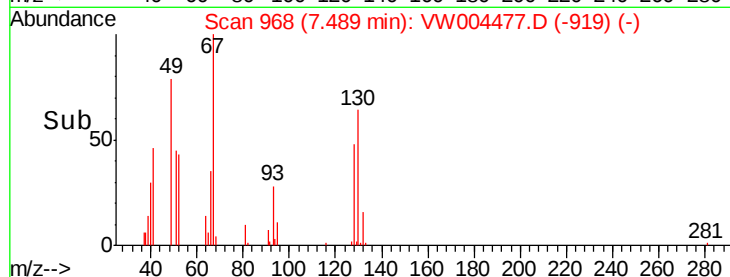
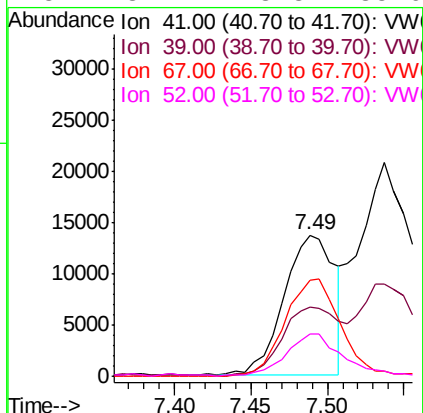
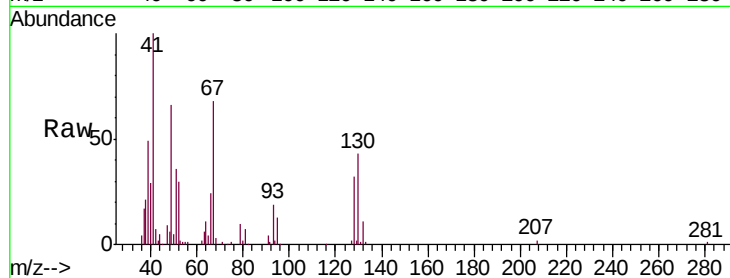




#41
Methacrylonitrile
Concen: 11.271 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

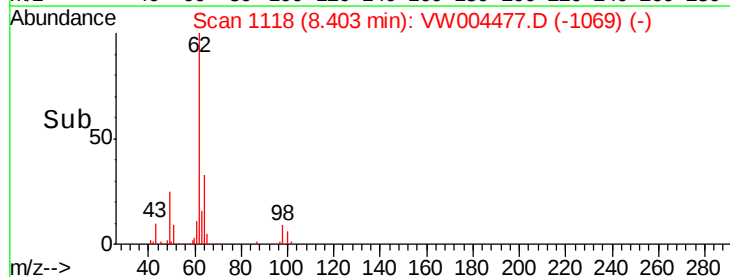
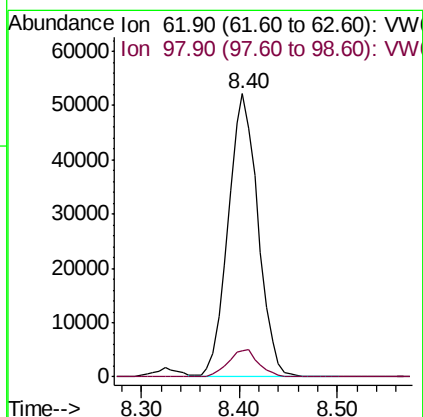
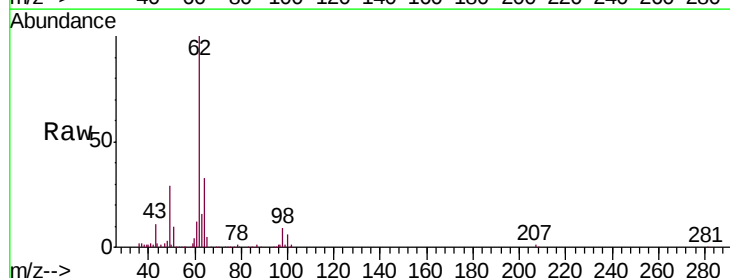
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

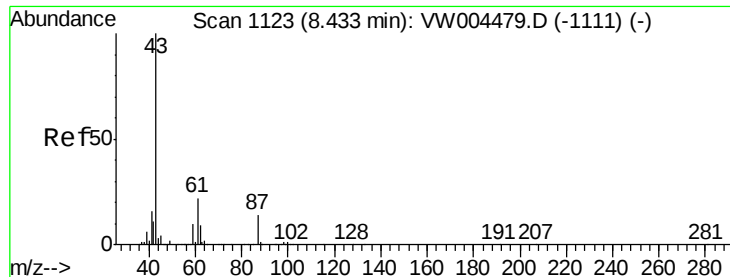
Tgt Ion:	41	Resp:	31517
Ion	Ratio	Lower	Upper
41	100		
39	58.2	46.2	69.2
67	75.8	60.8	91.2
52	34.2	23.8	35.6



#42
1,2-Dichloroethane
Concen: 11.647 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion:	62	Resp:	110336
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6





#43

Isopropyl Acetate

Concen: 11.534 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

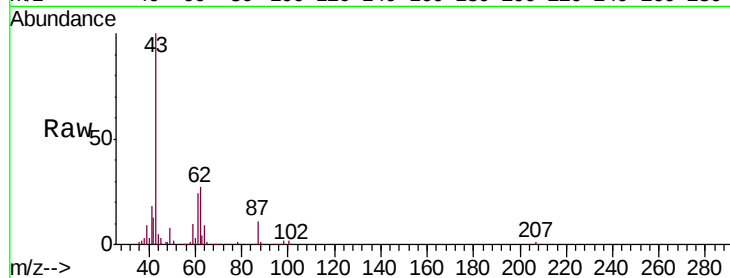
Tgt Ion: 43 Resp: 101216

Ion Ratio Lower Upper

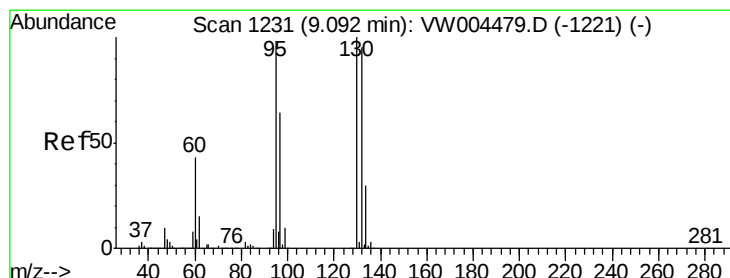
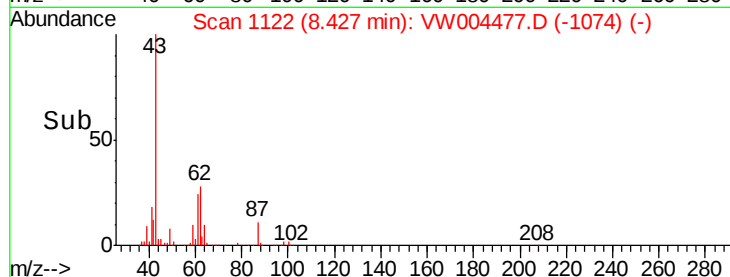
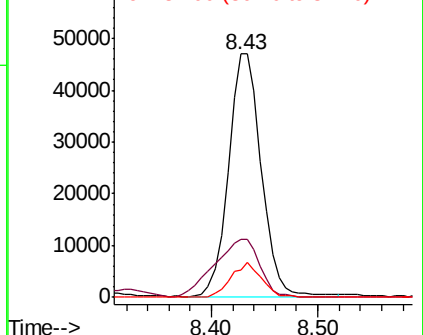
43 100

61 33.1 25.2 37.8

87 13.5 10.6 16.0



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: 10.605 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004477.D

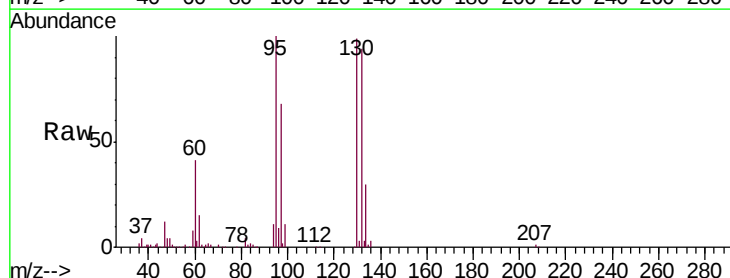
Acq: 06 Aug 2018 18:43

Tgt Ion: 130 Resp: 94354

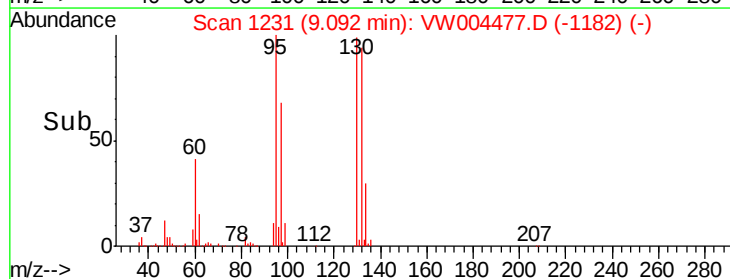
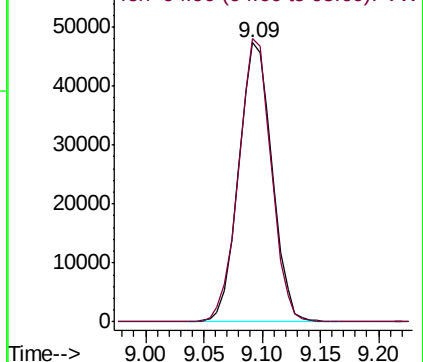
Ion Ratio Lower Upper

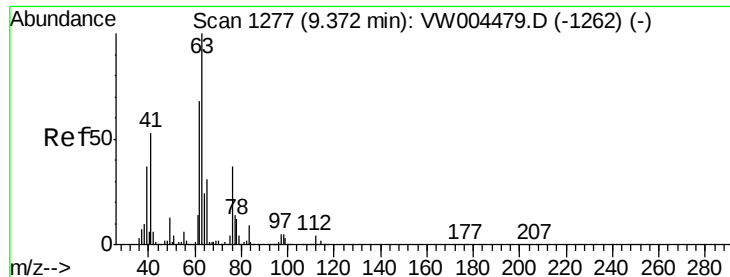
130 100

95 101.5 0.0 196.2



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

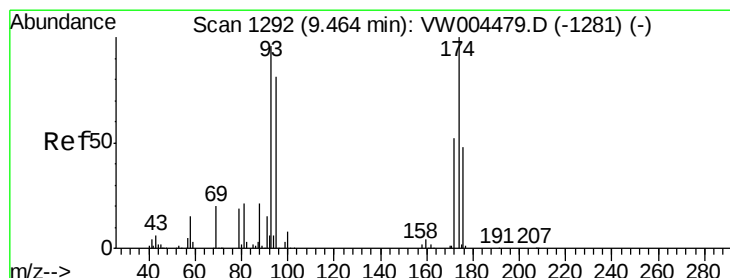
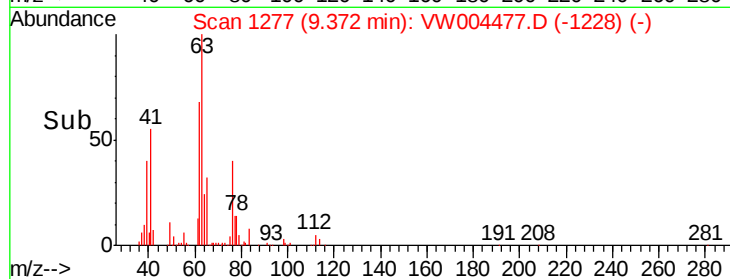
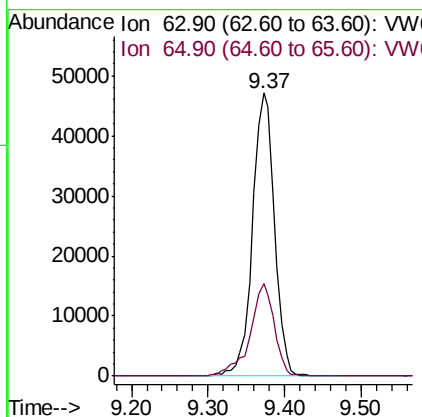
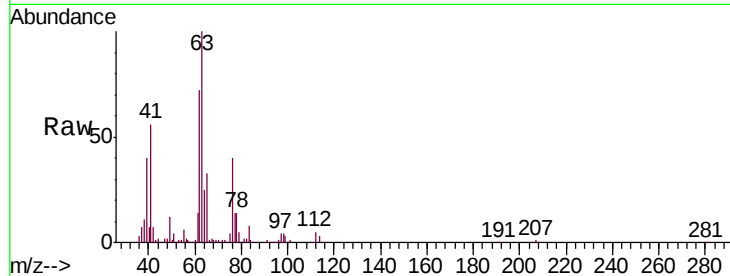




#45
 1,2-Dichloropropane
 Concen: 11.430 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

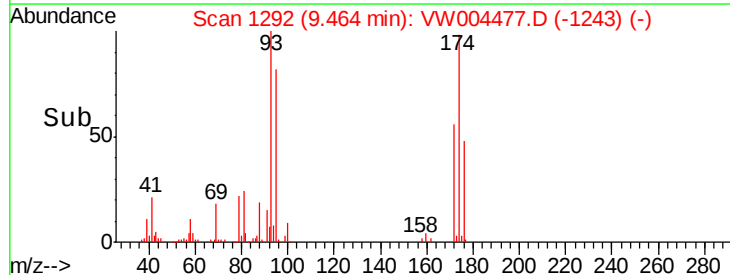
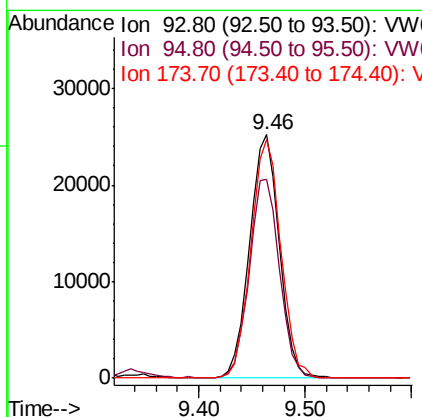
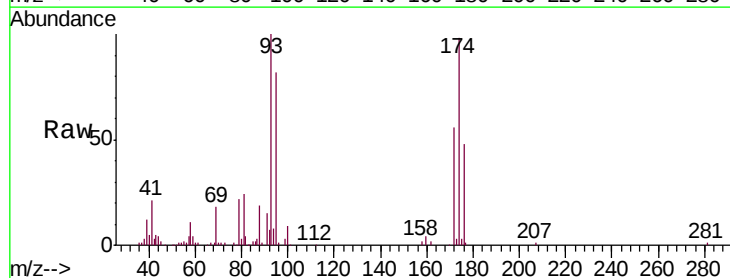
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

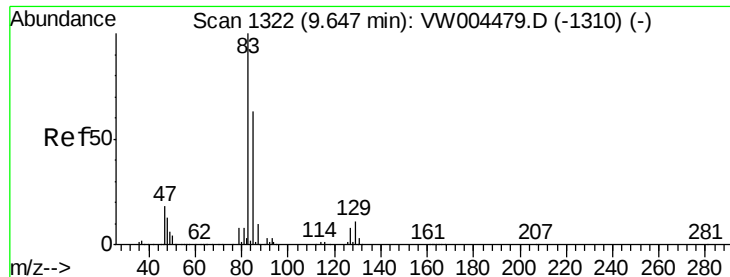
Tgt Ion: 63 Resp: 94522
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.5 36.7



#46
 Dibromomethane
 Concen: 11.676 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion: 93 Resp: 49429
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.0 100.4
 174 98.6 80.2 120.4





#47

Bromodichloromethane

Concen: 10.816 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

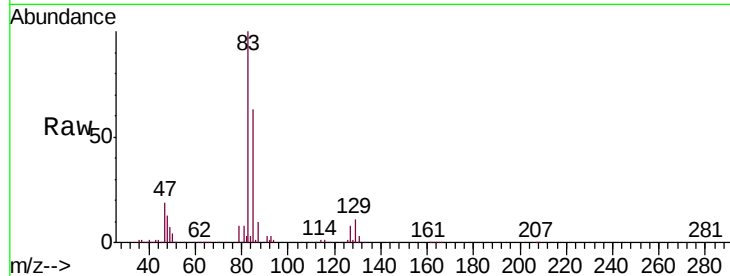
Tgt Ion: 83 Resp: 114643

Ion Ratio Lower Upper

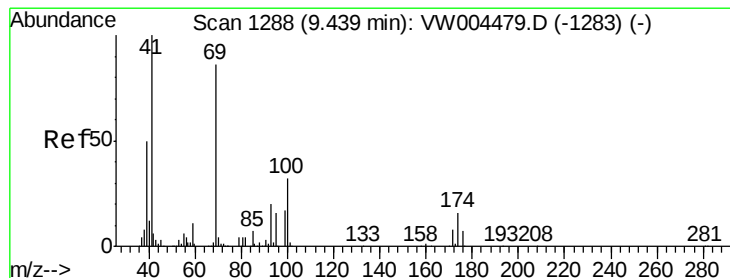
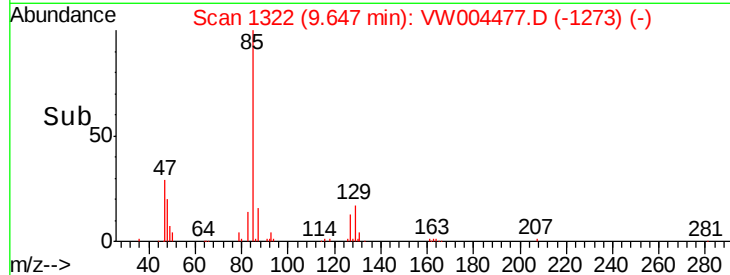
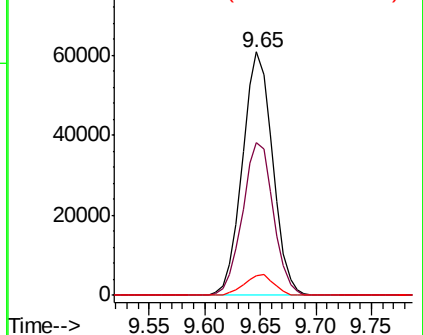
83 100

85 62.7 50.7 76.1

127 8.0 6.5 9.7



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



#48

Methyl methacrylate

Concen: 10.379 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

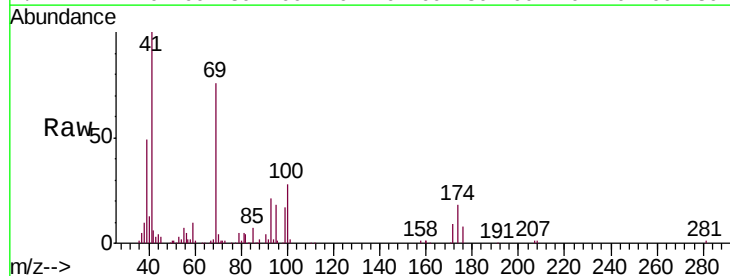
Tgt Ion: 41 Resp: 46011

Ion Ratio Lower Upper

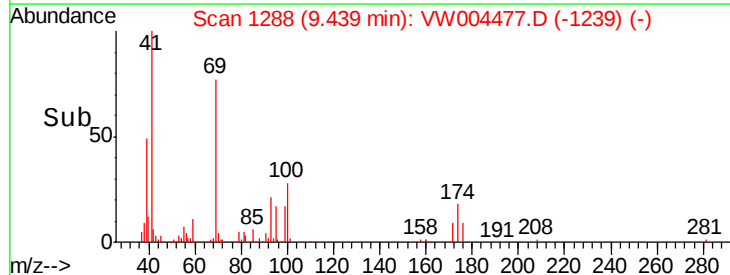
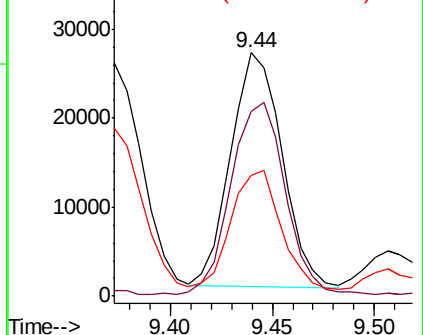
41 100

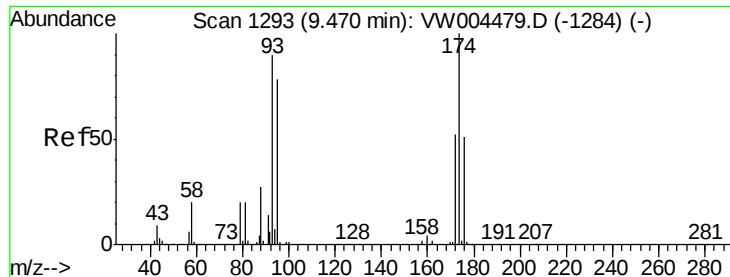
69 87.6 73.2 109.8

39 49.7 40.6 60.8



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: 222.249 ug/l

RT: 9.48 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

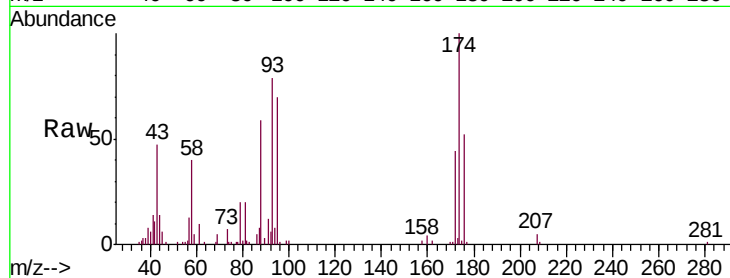
Tgt Ion: 88 Resp: 14298

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

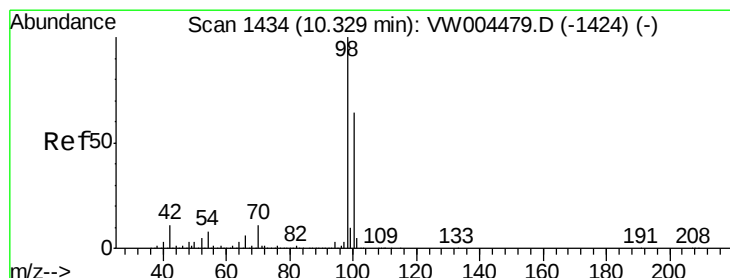
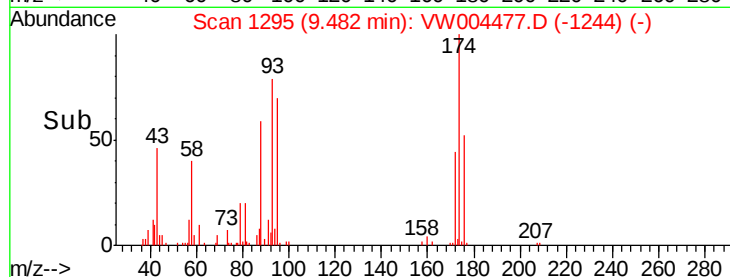
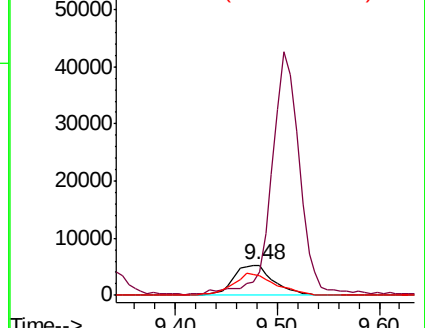
58 78.7 63.5 95.3



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: 10.079 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004477.D

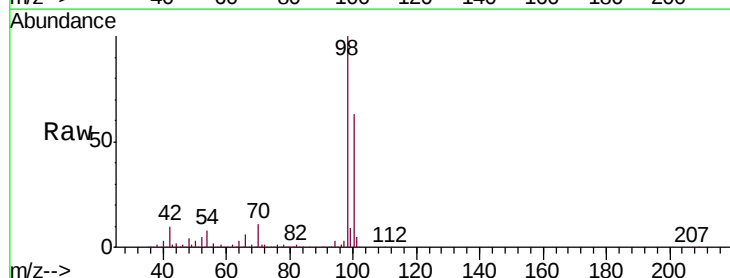
Acq: 06 Aug 2018 18:43

Tgt Ion: 98 Resp: 294073

Ion Ratio Lower Upper

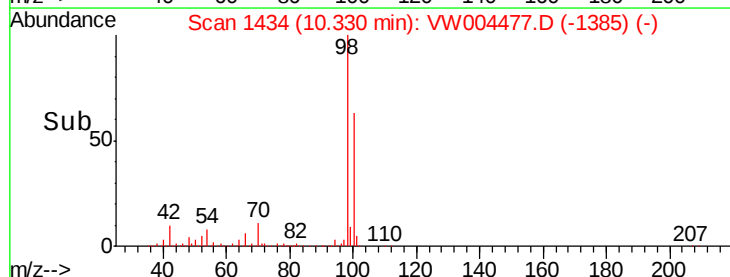
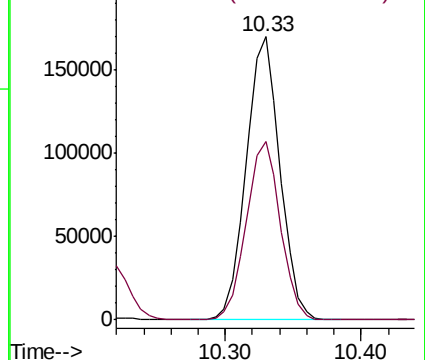
98 100

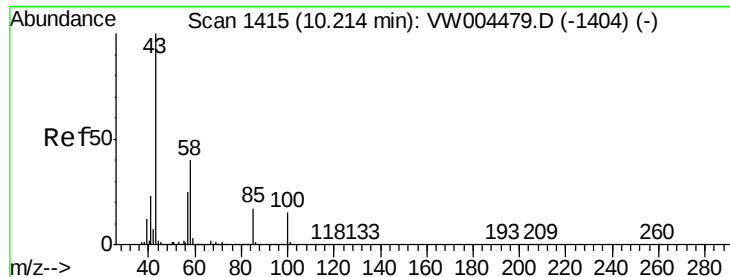
100 63.9 51.4 77.2



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: 70.875 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.01 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

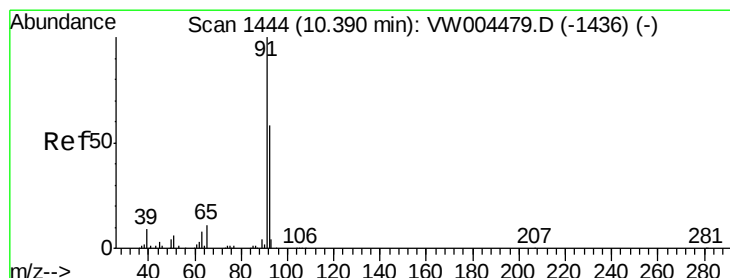
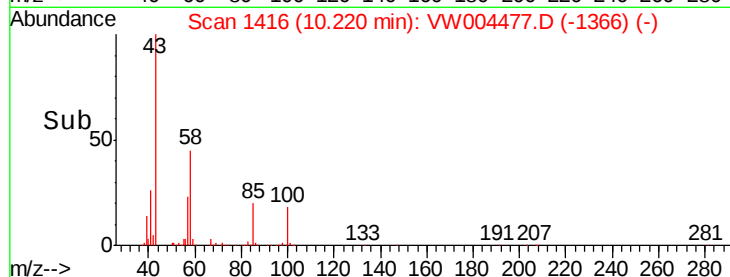
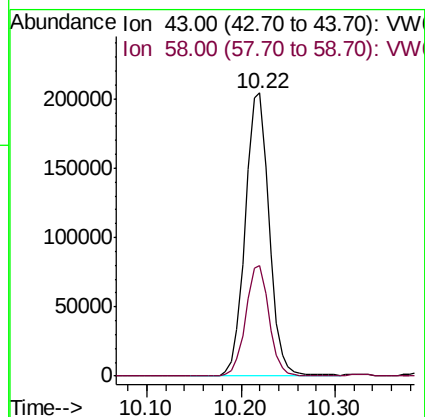
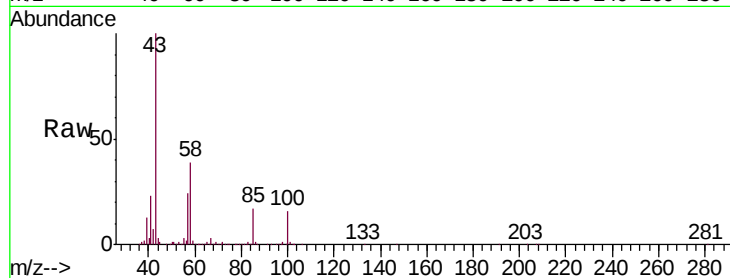
VSTDIC010

Tgt Ion: 43 Resp: 362131

Ion Ratio Lower Upper

43 100

58 38.4 31.9 47.9



#52

Toluene

Concen: 10.975 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004477.D

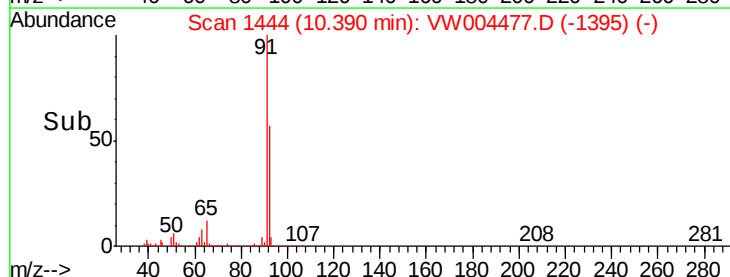
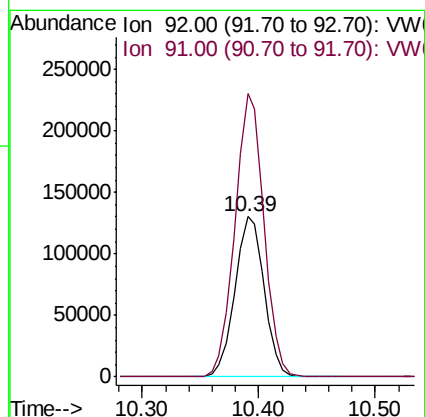
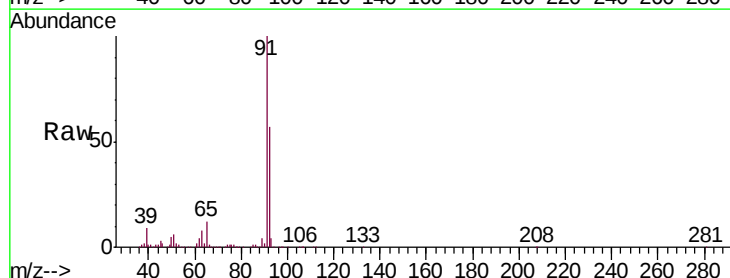
Acq: 06 Aug 2018 18:43

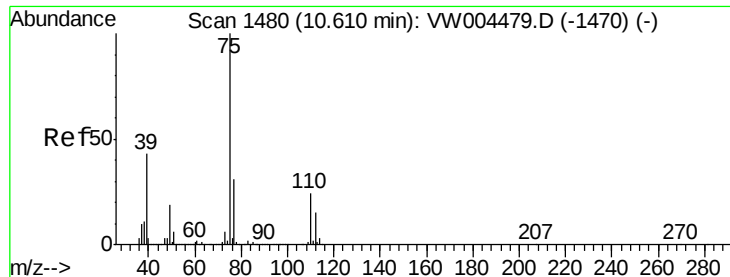
Tgt Ion: 92 Resp: 227945

Ion Ratio Lower Upper

92 100

91 174.8 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 10.476 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

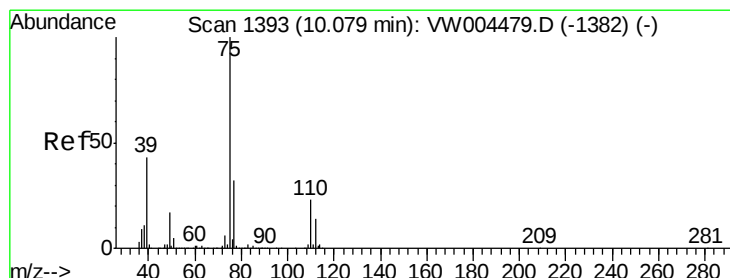
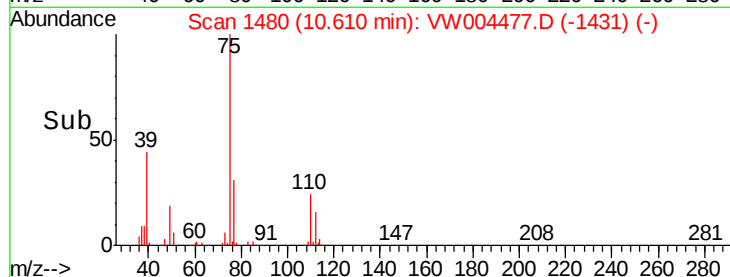
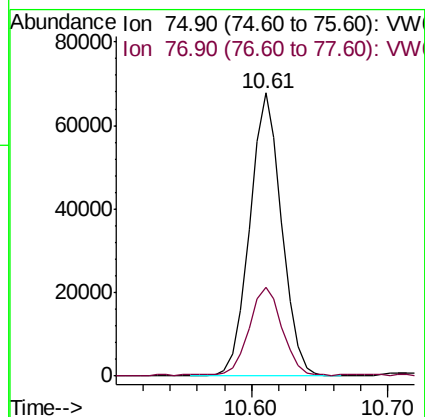
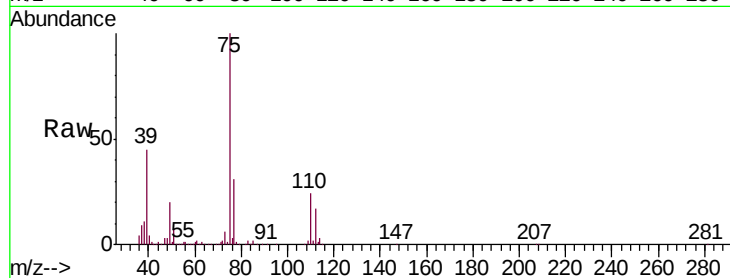
VSTDIC010

Tgt Ion: 75 Resp: 111210

Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 10.496 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

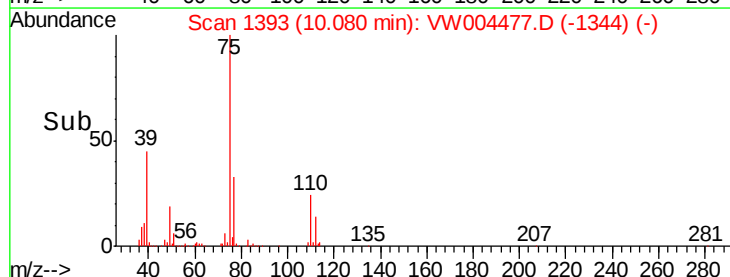
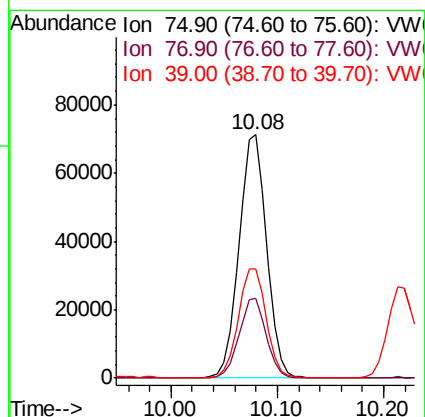
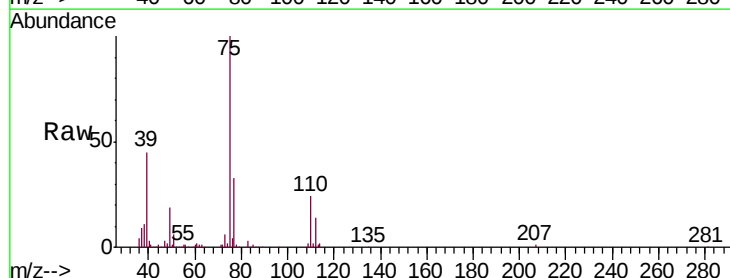
Tgt Ion: 75 Resp: 129989

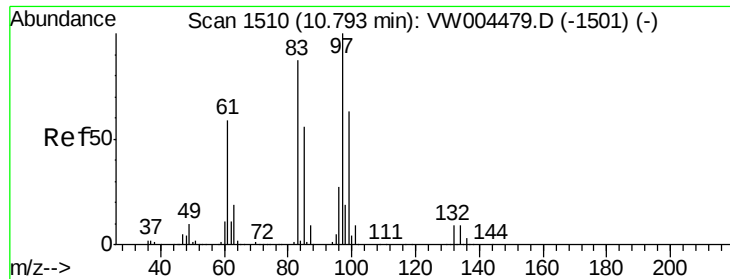
Ion Ratio Lower Upper

75 100

77 33.0 25.3 37.9

39 44.8 34.5 51.7

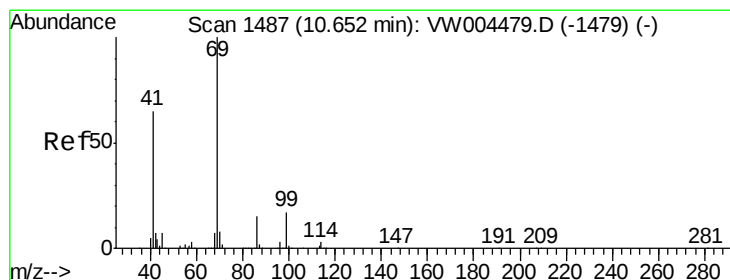
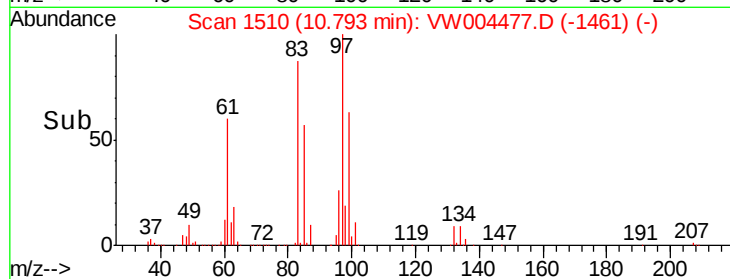
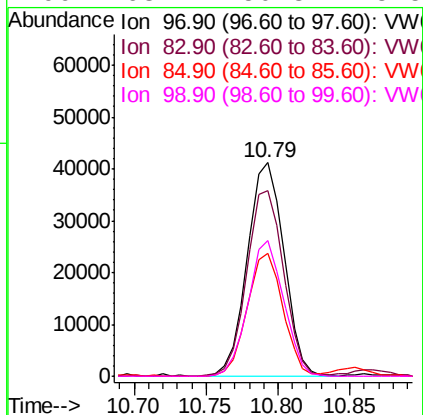
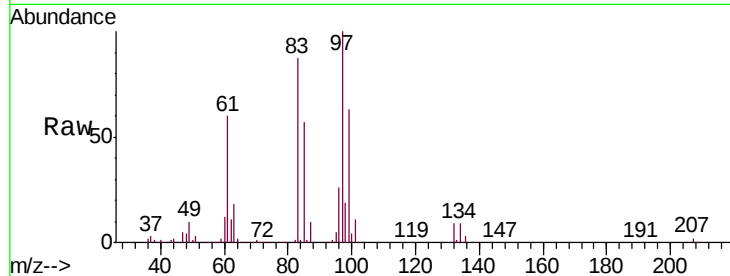




#55
 1,1,2-Trichloroethane
 Concen: 12.052 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

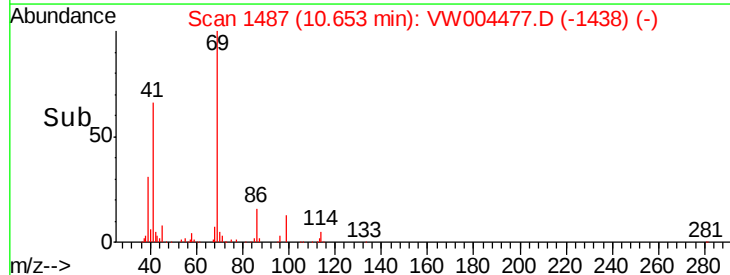
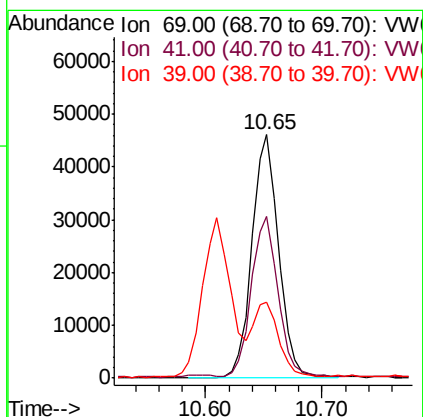
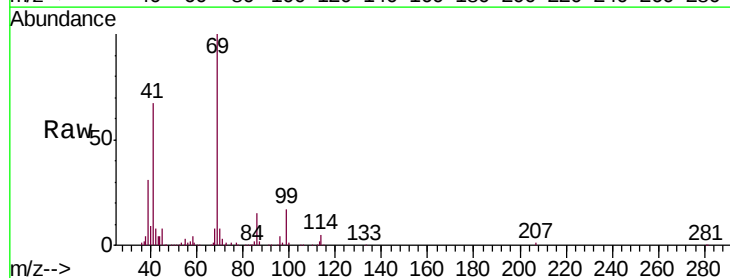
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

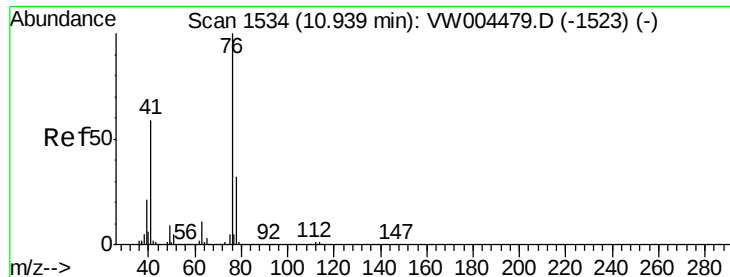
Tgt Ion:	97	Resp:	72460
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.8	104.8
85	57.3	45.1	67.7
99	63.4	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 10.143 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion:	69	Resp:	74125
Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.4	78.6
39	28.7	22.7	34.1





#57

1,3-Dichloropropane

Concen: 11.930 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

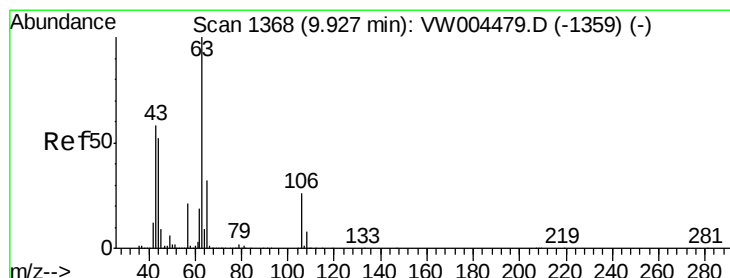
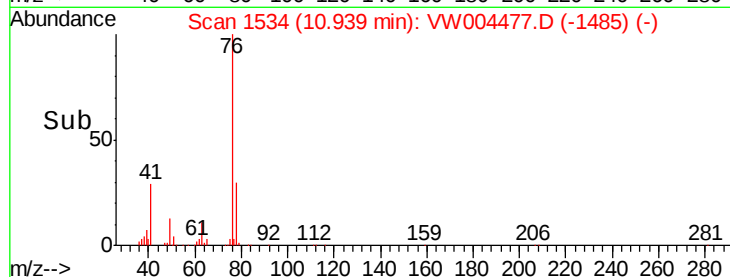
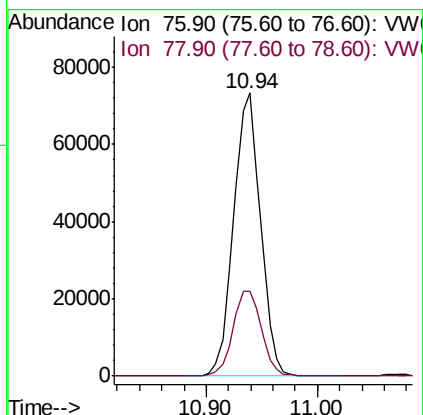
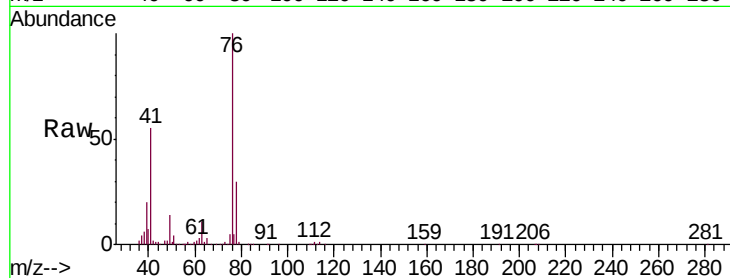
VSTDIC010

Tgt Ion: 76 Resp: 122605

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 49.731 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004477.D

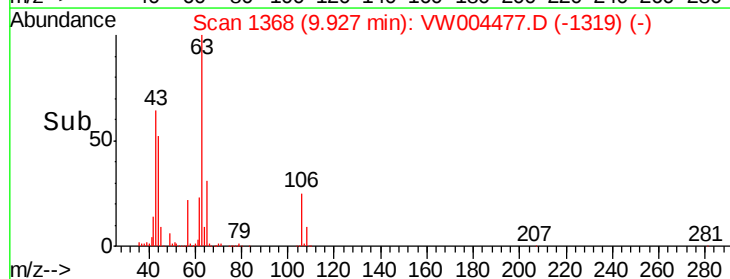
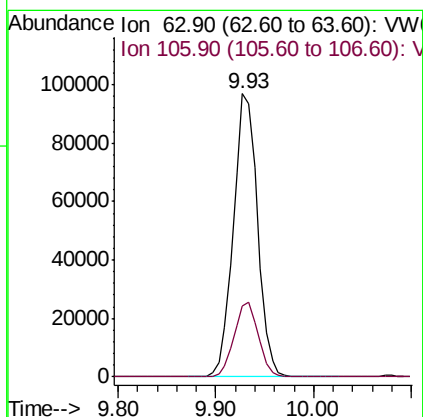
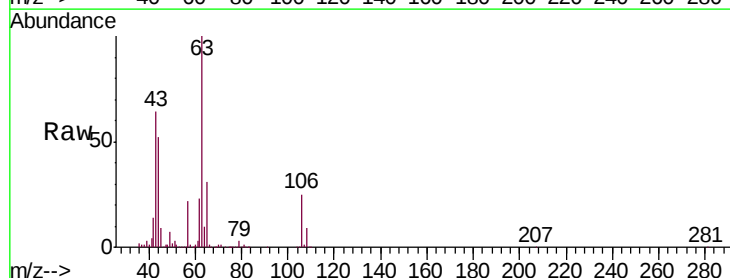
Acq: 06 Aug 2018 18:43

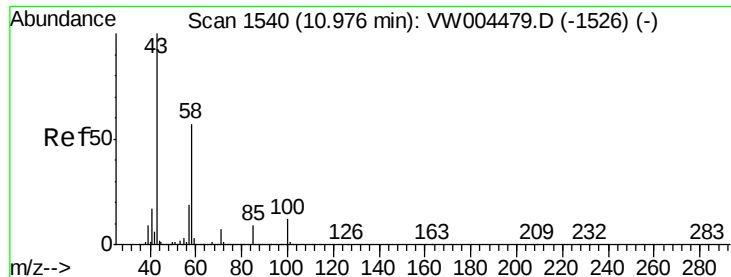
Tgt Ion: 63 Resp: 166342

Ion Ratio Lower Upper

63 100

106 26.4 21.3 31.9

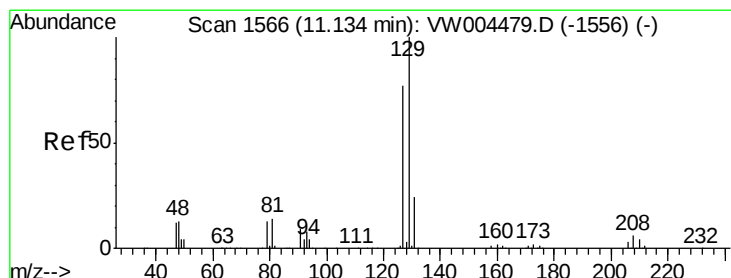
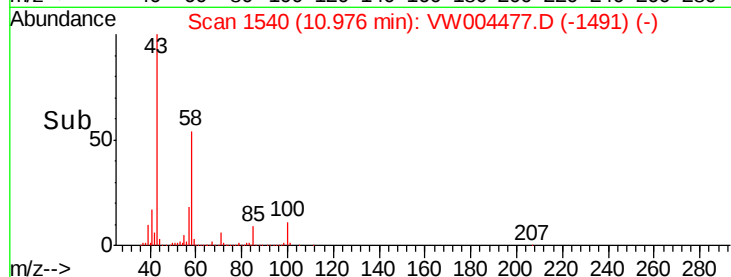
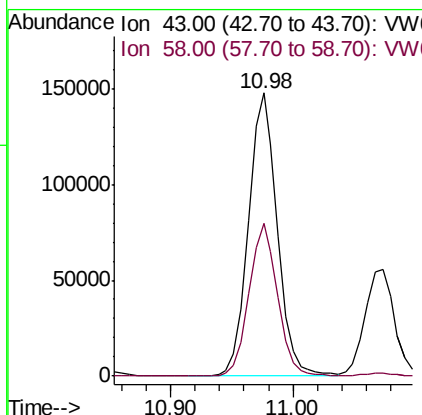
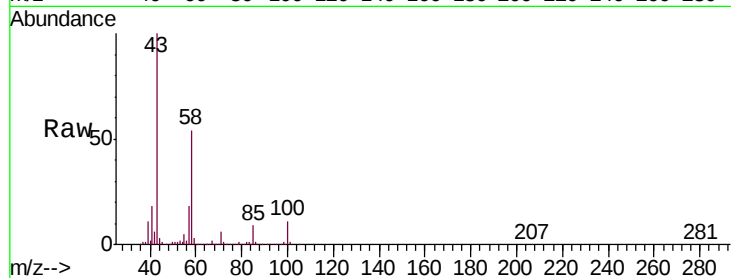




#59
2-Hexanone
Concen: 69.217 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

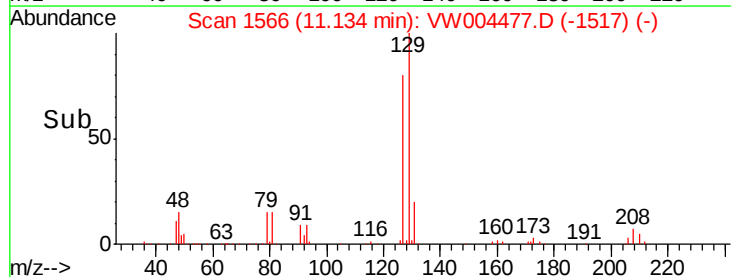
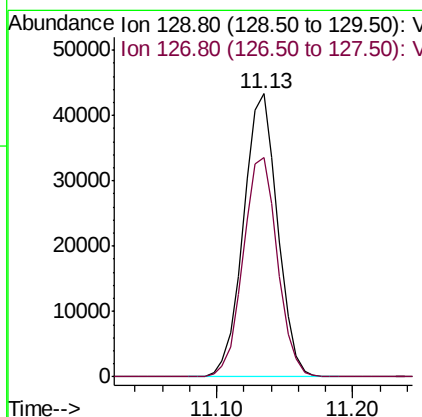
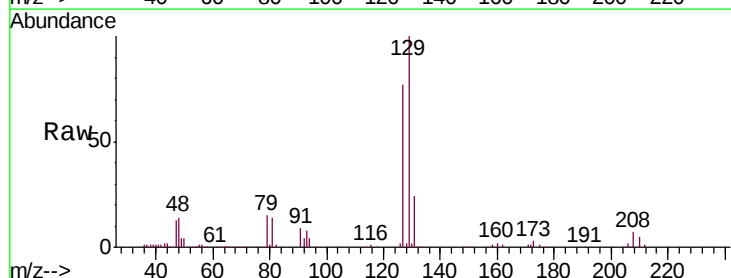
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

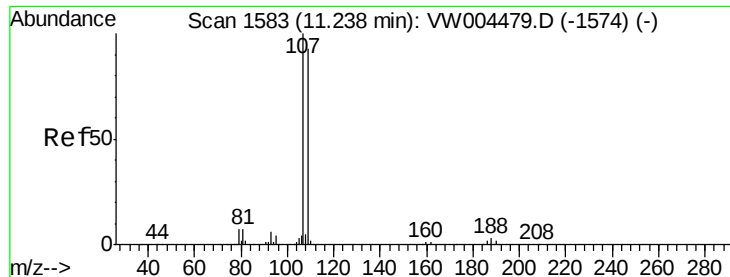
Tgt Ion: 43 Resp: 242034
Ion Ratio Lower Upper
43 100
58 53.2 27.9 83.6



#60
Dibromochloromethane
Concen: 10.639 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion: 129 Resp: 75943
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8

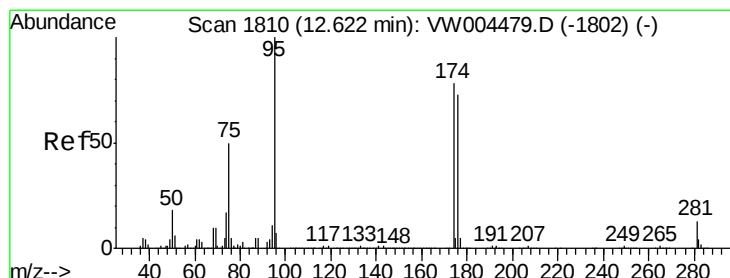
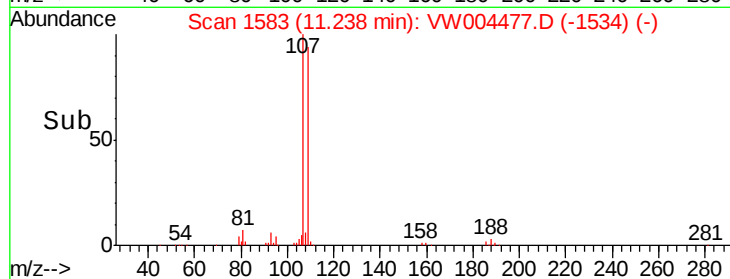
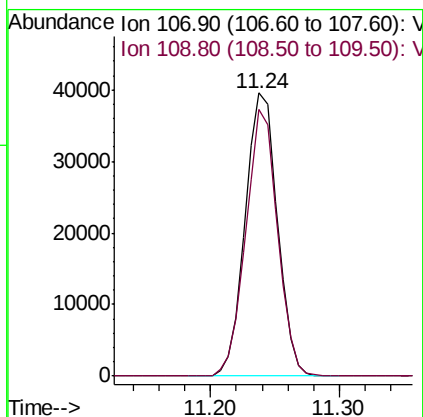
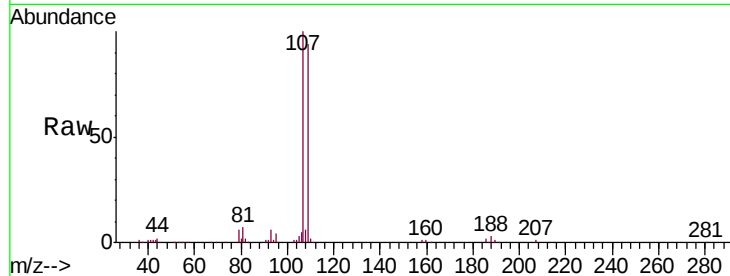




#61
 1,2-Dibromoethane
 Concen: 11.847 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

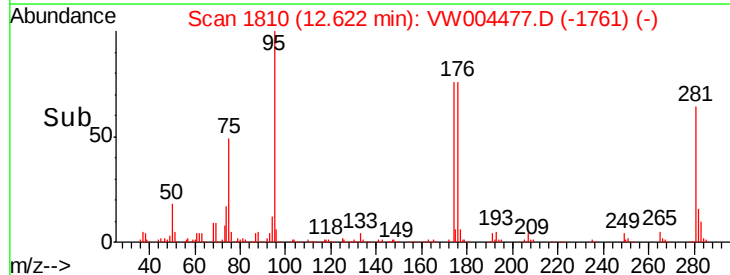
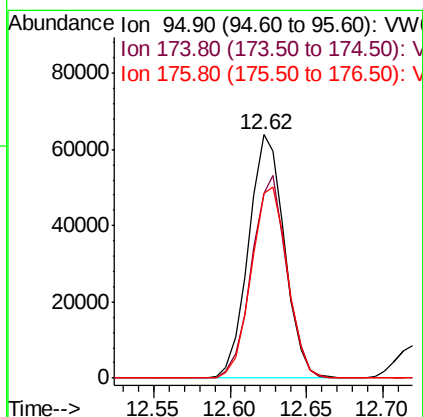
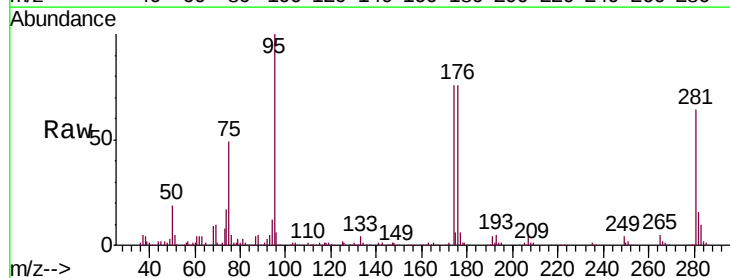
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

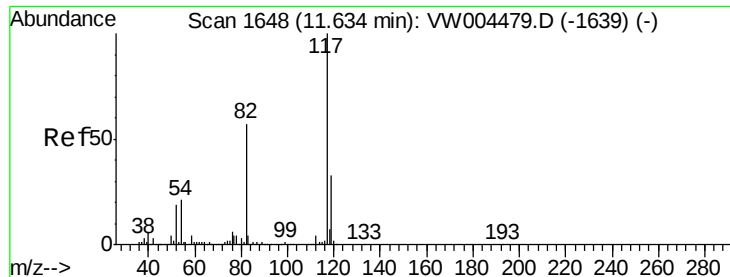
Tgt Ion: 107 Resp: 68046
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 10.040 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion: 95 Resp: 104144
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 160.4
 176 79.2 0.0 153.2

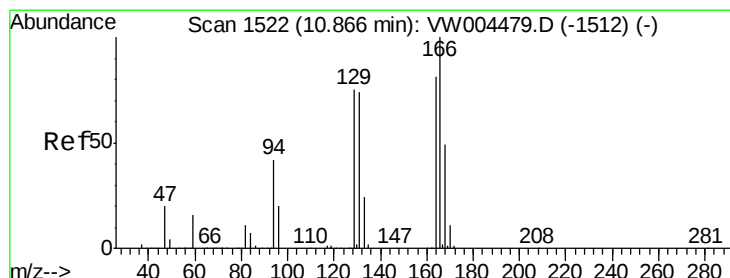
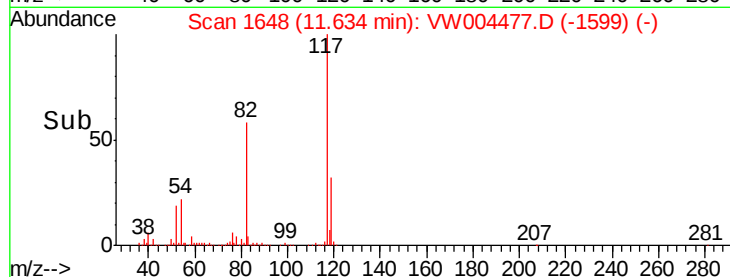
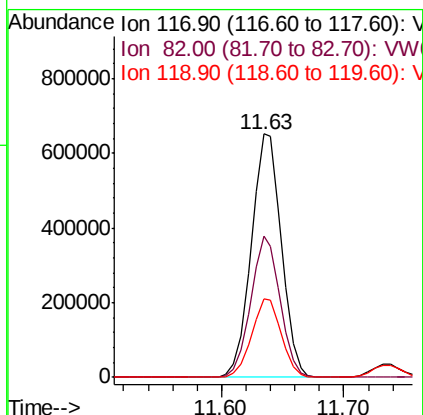
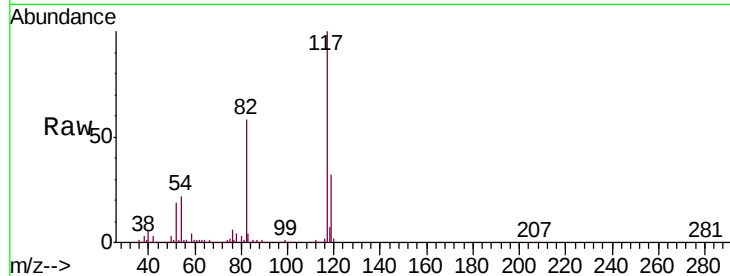




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

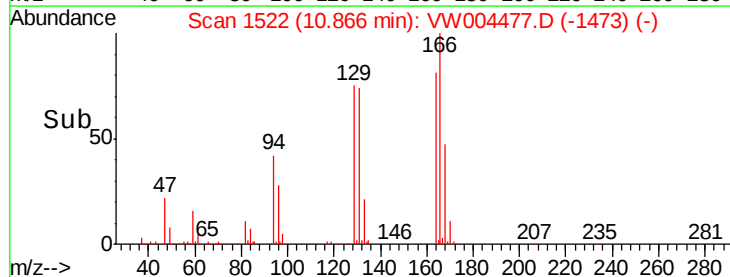
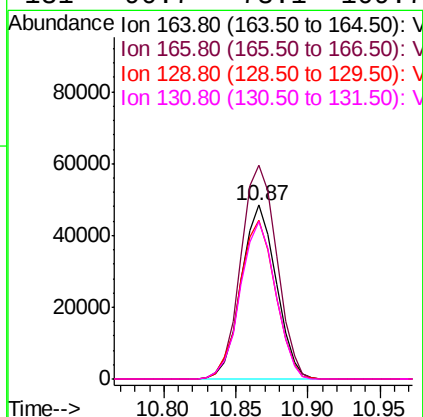
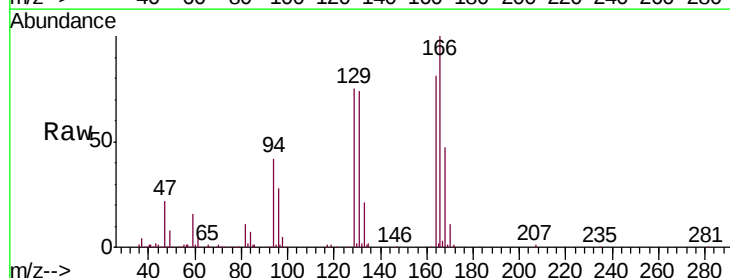
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

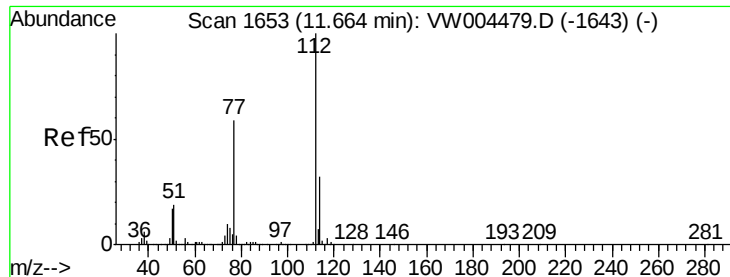
Tgt Ion:117 Resp: 1114788
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 32.0 26.2 39.4



#64
Tetrachloroethene
Concen: 10.056 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion:164 Resp: 81571
Ion Ratio Lower Upper
164 100
166 122.9 98.4 147.6
129 91.6 73.6 110.4
131 90.7 73.1 109.7

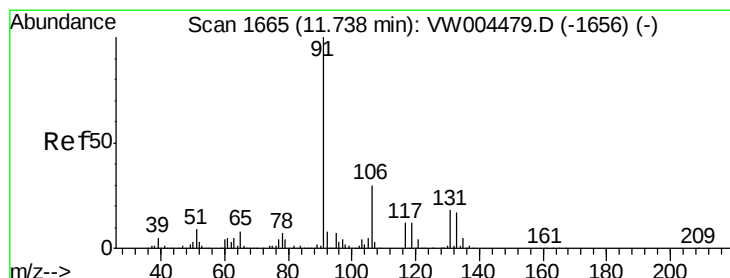
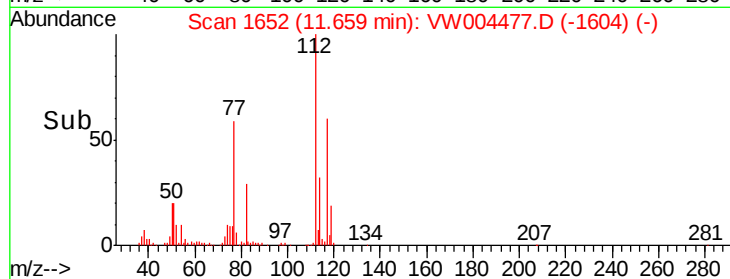
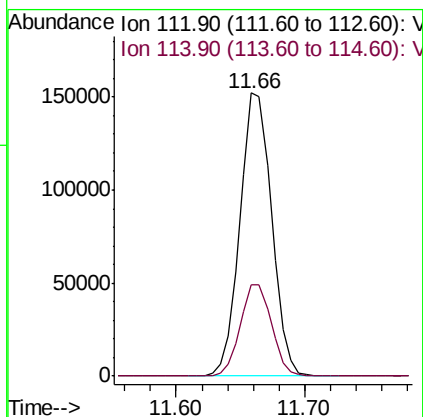
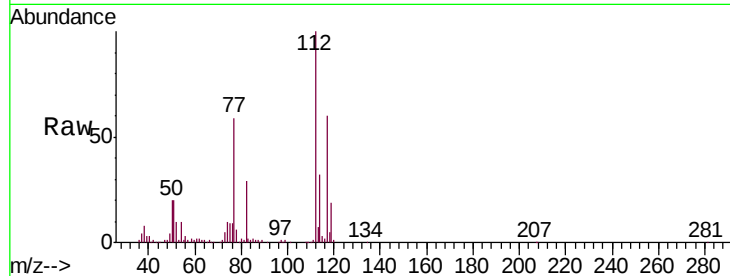




#65
Chlorobenzene
Concen: 11.021 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

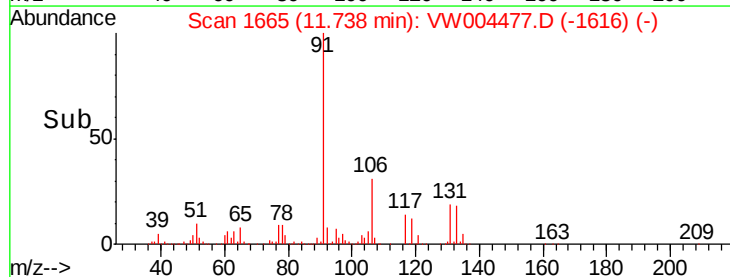
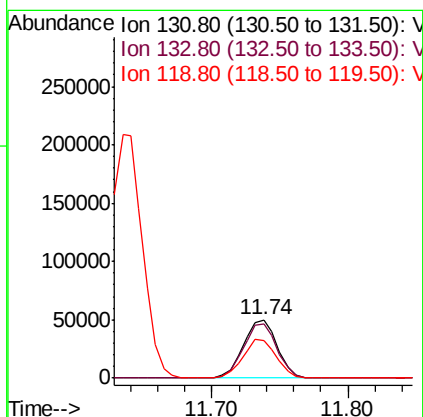
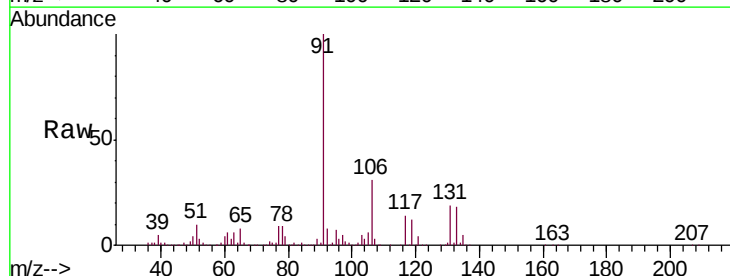
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

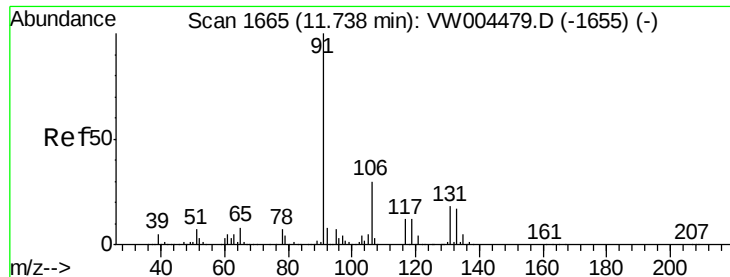
Tgt Ion:112 Resp: 258739
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 10.544 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion:131 Resp: 87412
Ion Ratio Lower Upper
131 100
133 92.9 48.1 144.4
119 65.9 33.9 101.7

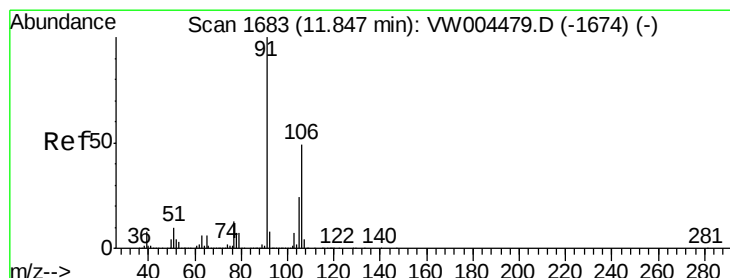
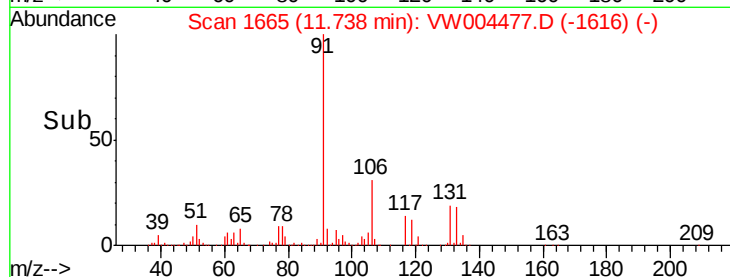
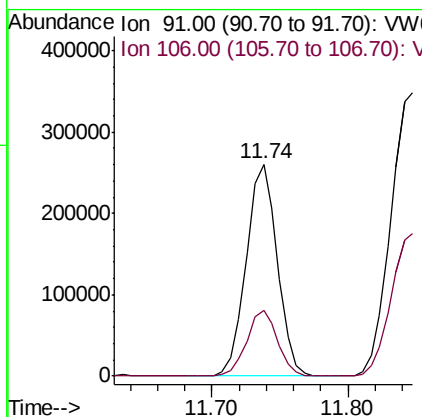
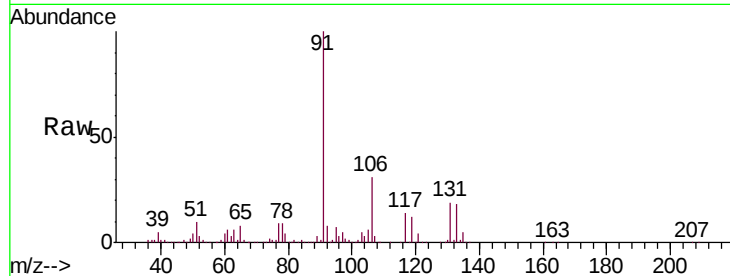




#67
Ethyl Benzene
Concen: 10.158 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

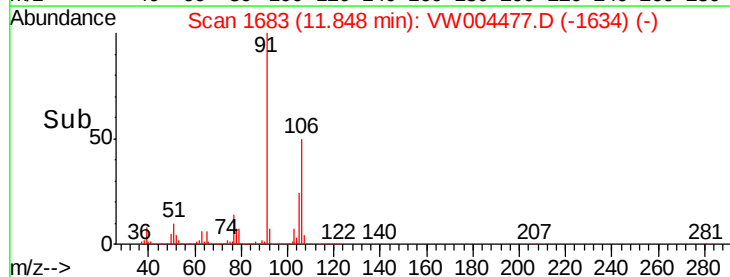
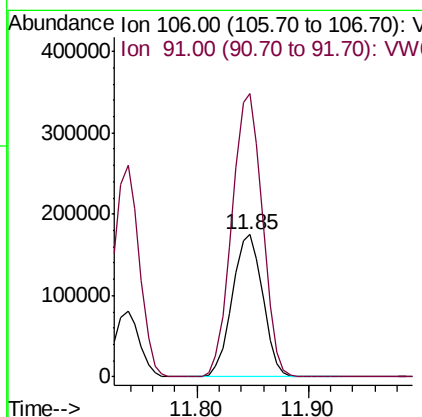
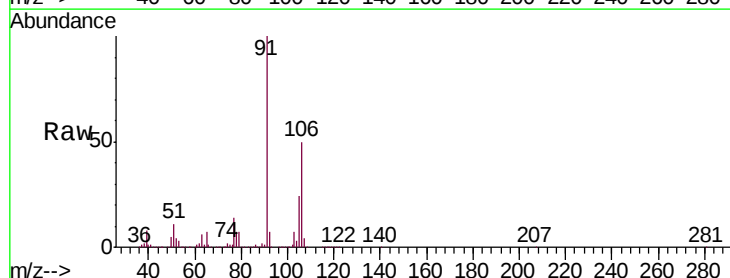
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

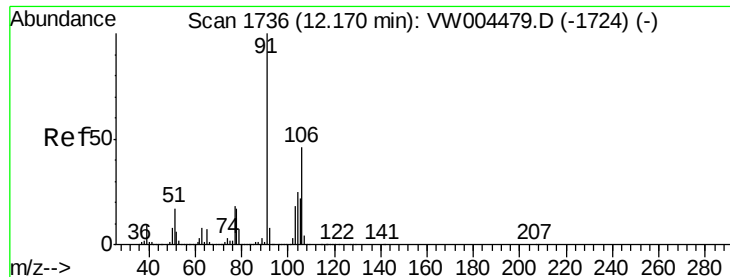
Tgt Ion: 91 Resp: 417396
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.2



#68
m/p-Xylenes
Concen: 20.972 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion: 106 Resp: 330694
Ion Ratio Lower Upper
106 100
91 199.6 162.8 244.2

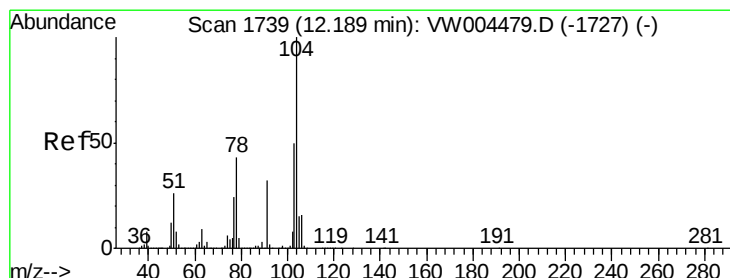
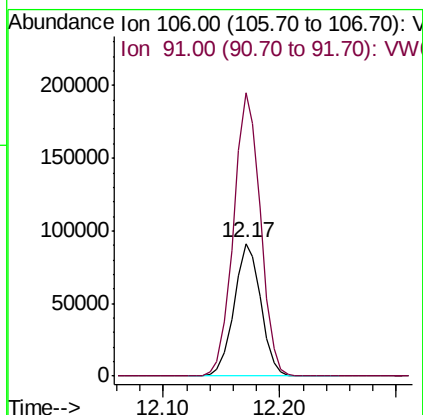
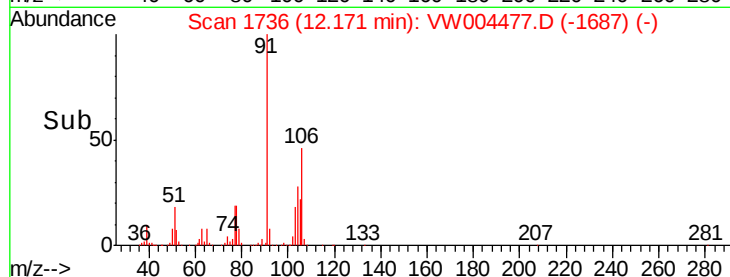
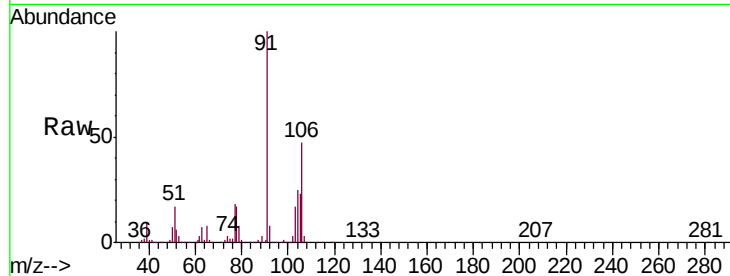




#69
o-Xylene
Concen: 10.009 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

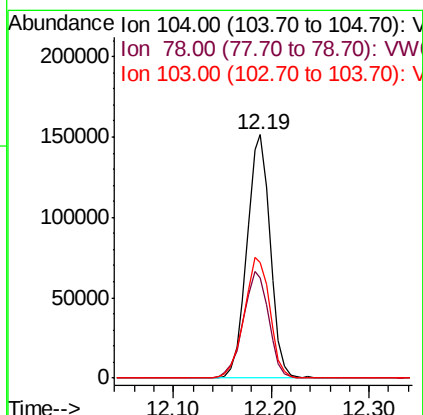
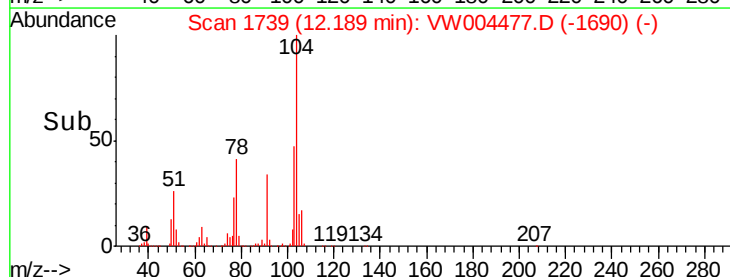
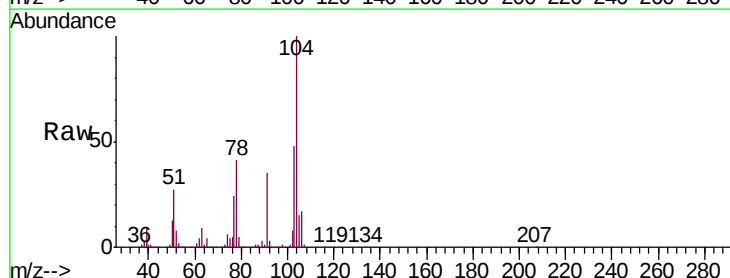
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

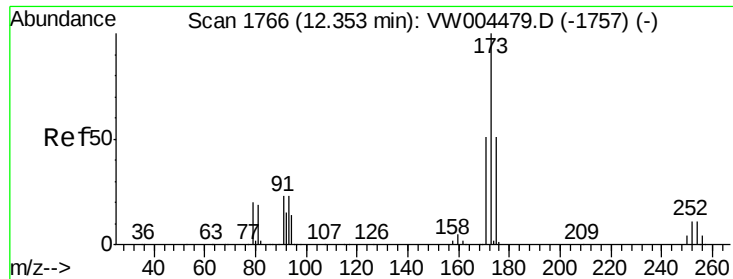
Tgt Ion:106 Resp: 145946
Ion Ratio Lower Upper
106 100
91 215.7 106.7 320.2



#70
Styrene
Concen: 10.074 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion:104 Resp: 249136
Ion Ratio Lower Upper
104 100
78 48.1 39.0 58.4
103 54.6 44.2 66.2





#71

Bromoform

Concen: 10.178 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

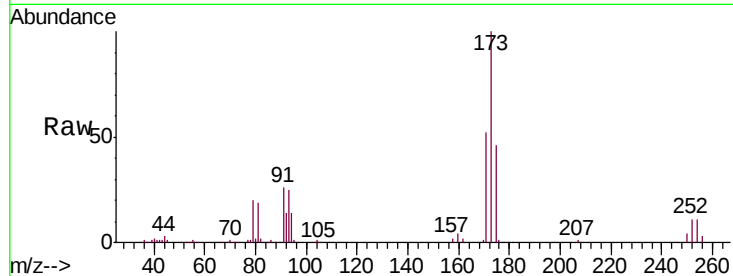
Tgt Ion:173 Resp: 47178

Ion Ratio Lower Upper

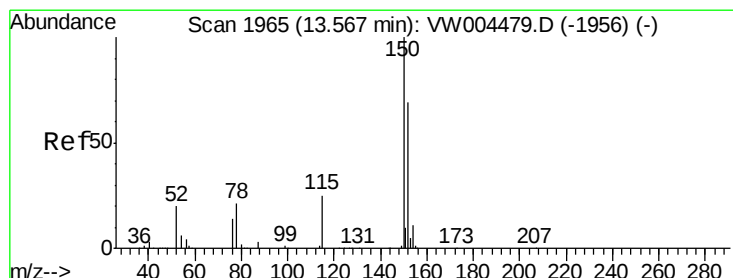
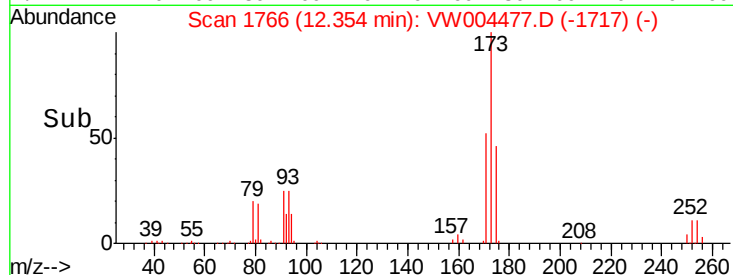
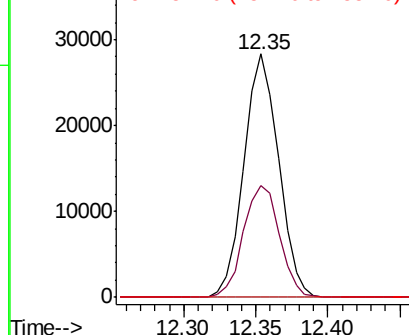
173 100

175 47.8 24.5 73.5

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

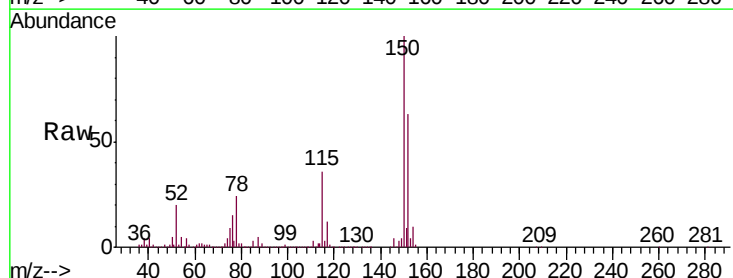
Tgt Ion:152 Resp: 603811

Ion Ratio Lower Upper

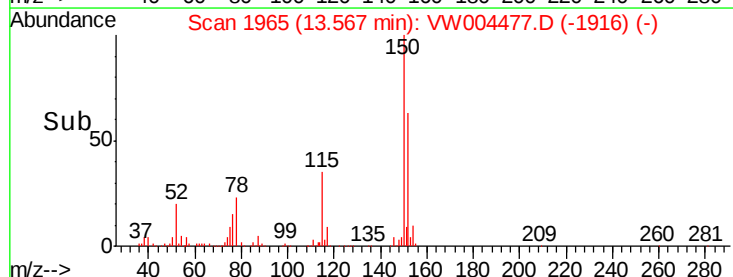
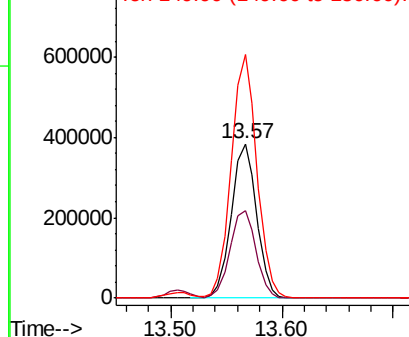
152 100

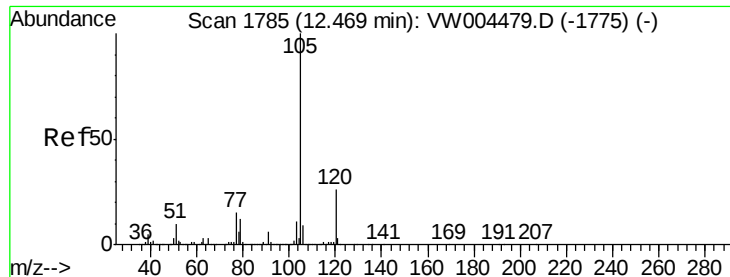
115 57.8 29.1 87.3

150 159.5 0.0 349.6



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





#73

Isopropylbenzene

Concen: 9.595 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

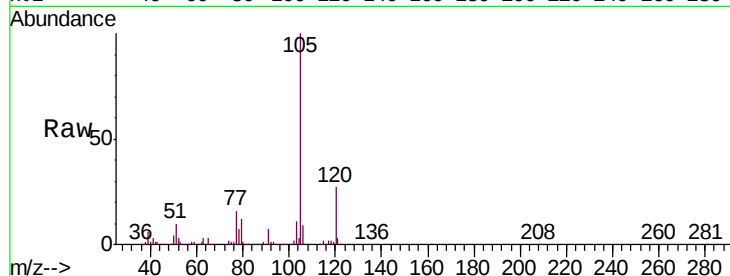
VSTDIC010

Tgt Ion: 105 Resp: 404119

Ion Ratio Lower Upper

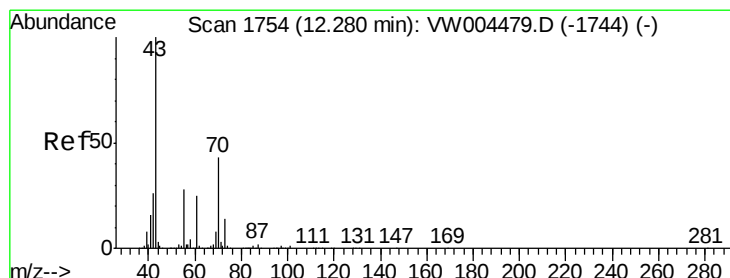
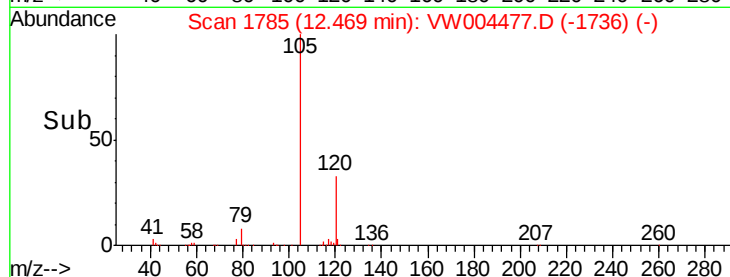
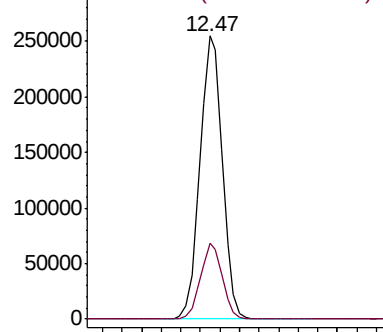
105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 10.093 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Tgt Ion: 43 Resp: 93378

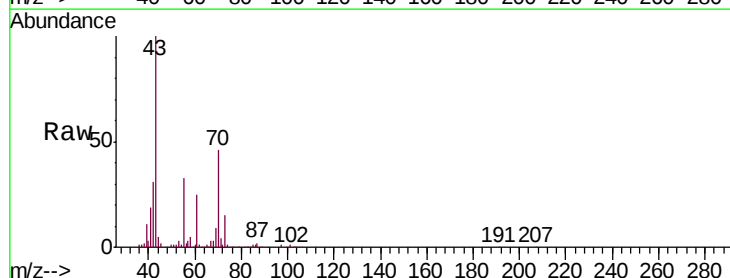
Ion Ratio Lower Upper

43 100

70 44.7 35.3 52.9

55 32.4 22.9 34.3

61 23.8 19.7 29.5

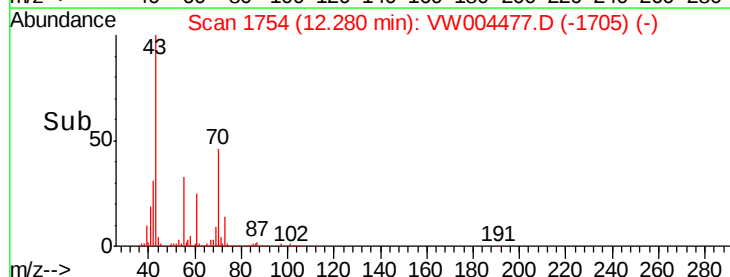
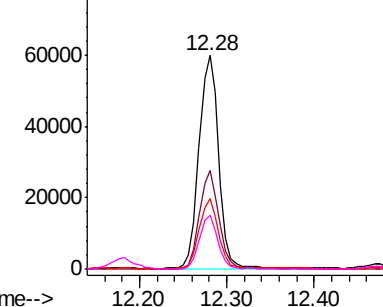


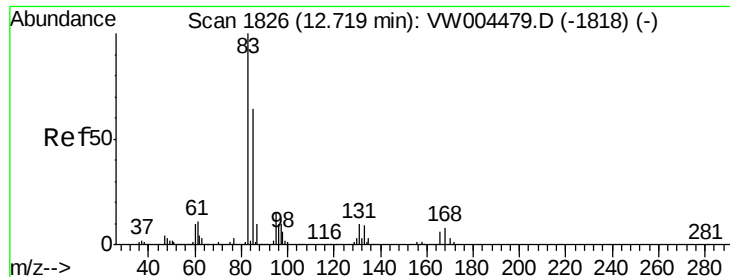
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 11.970 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

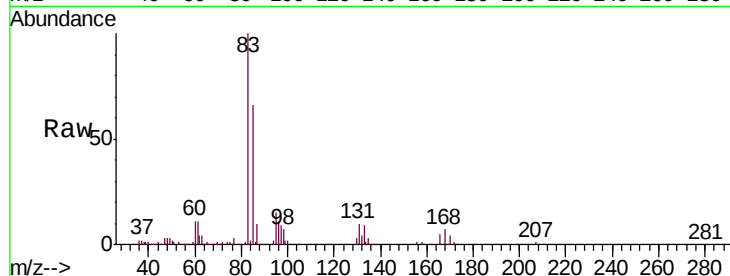
Tgt Ion: 83 Resp: 90365

Ion Ratio Lower Upper

83 100

131 10.6 5.0 15.0

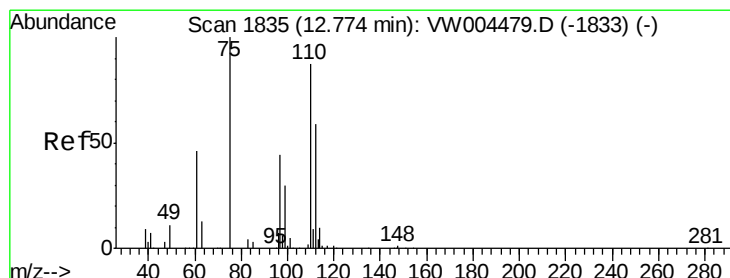
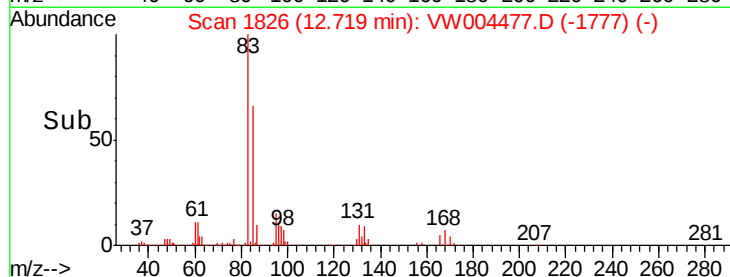
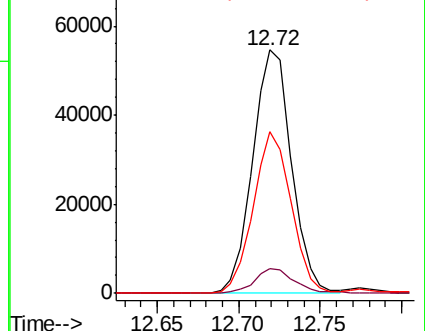
85 64.9 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 21.040 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004477.D

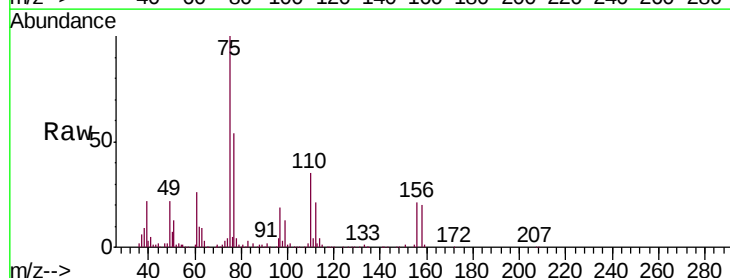
Acq: 06 Aug 2018 18:43

Tgt Ion: 75 Resp: 114810

Ion Ratio Lower Upper

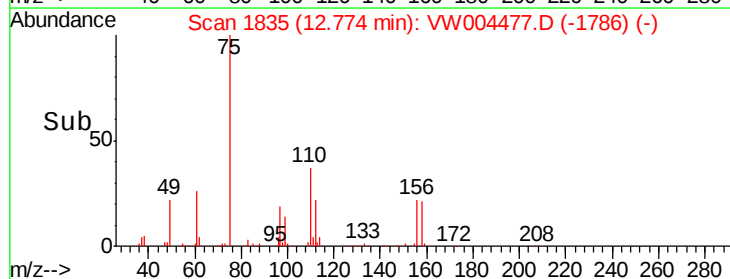
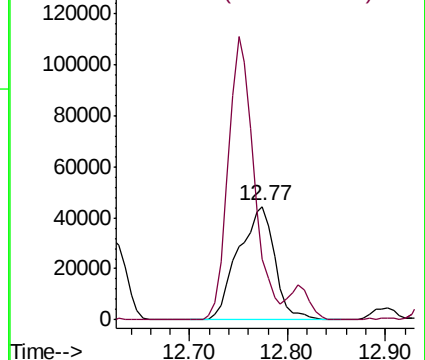
75 100

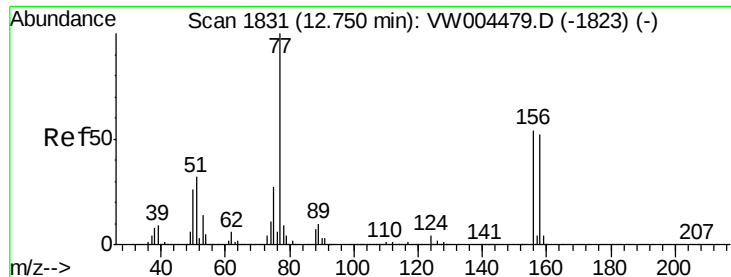
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

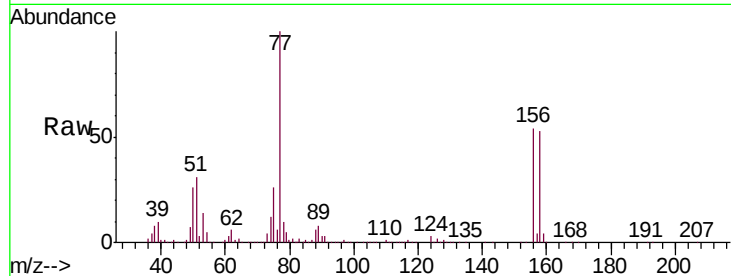




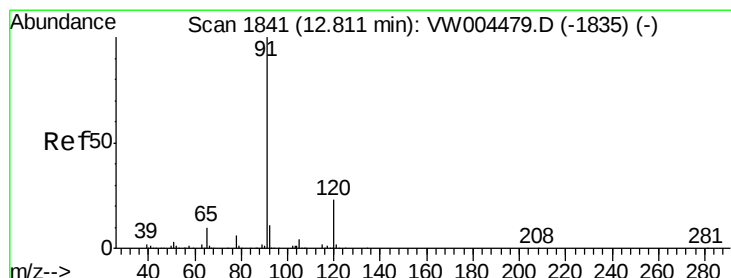
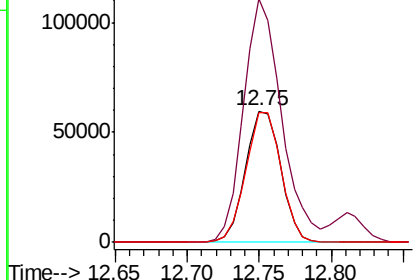
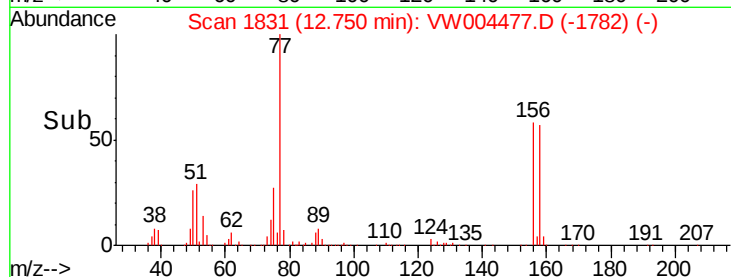
#77
Bromobenzene
Concen: 10.002 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 101355
Ion Ratio Lower Upper
156 100
77 200.6 98.7 296.1
158 98.7 48.7 146.1

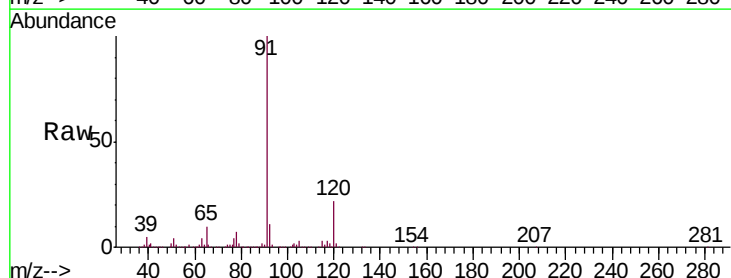


Abundance Ion 155.80 (155.50 to 156.50): V
150000 Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

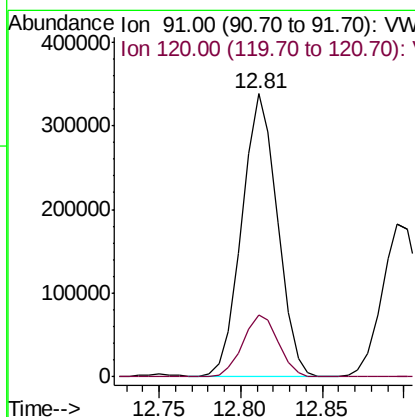
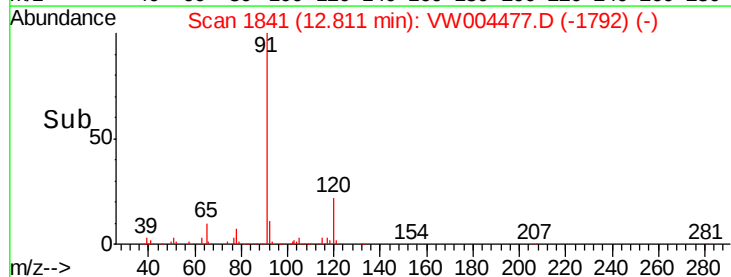


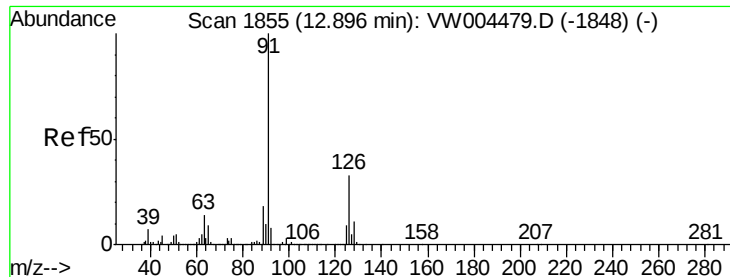
#78
n-propylbenzene
Concen: 10.012 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion: 91 Resp: 512626
Ion Ratio Lower Upper
91 100
120 22.0 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW
400000 Ion 120.00 (119.70 to 120.70): V

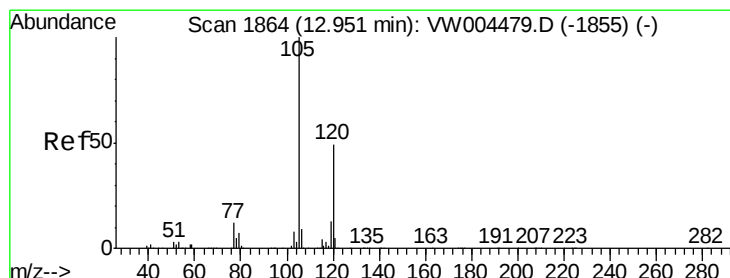
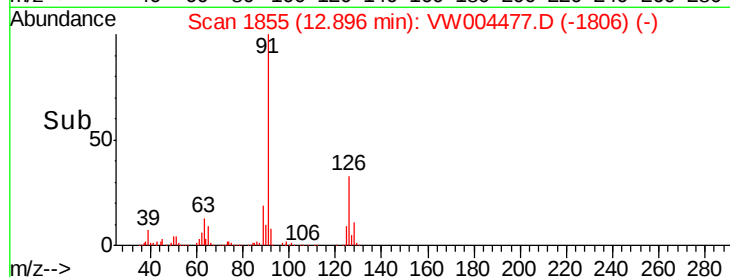
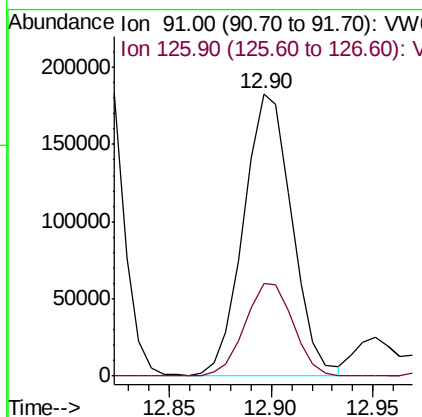
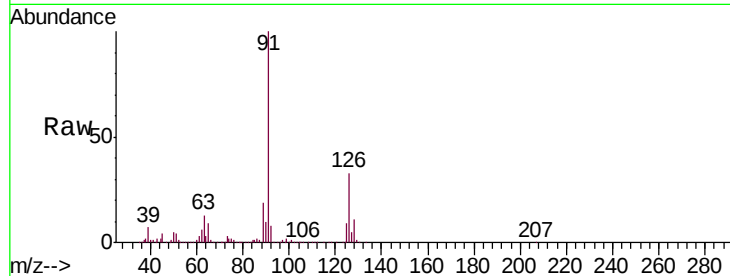




#79
 2-Chlorotoluene
 Concen: 10.255 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

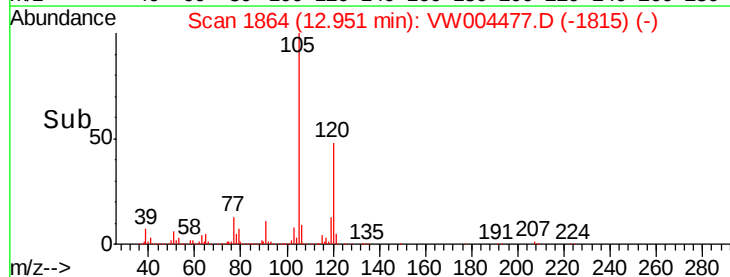
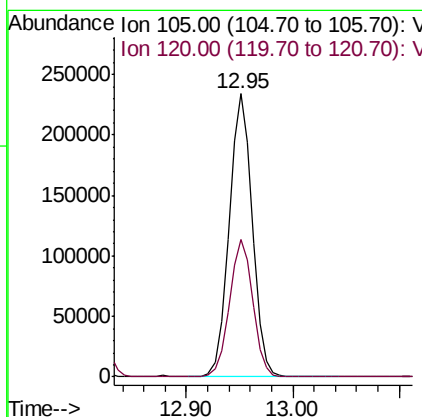
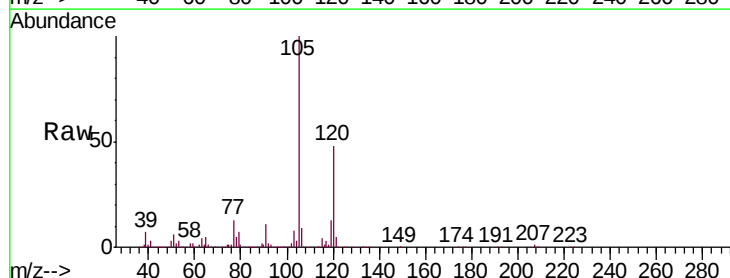
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

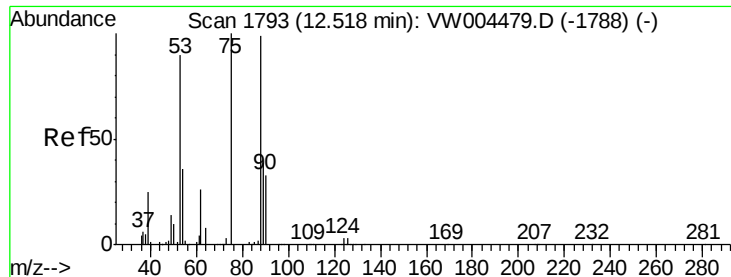
Tgt Ion: 91 Resp: 300873
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 9.781 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion: 105 Resp: 354702
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 10.283 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

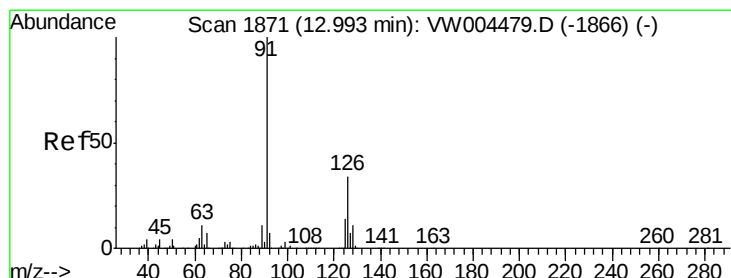
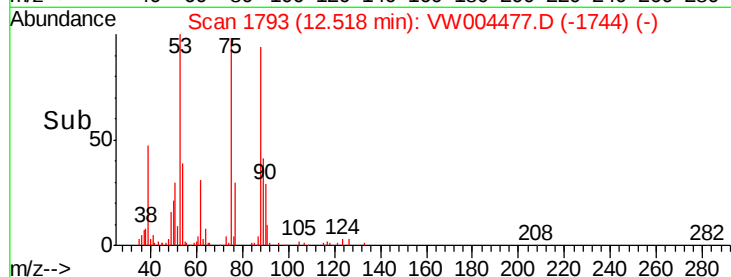
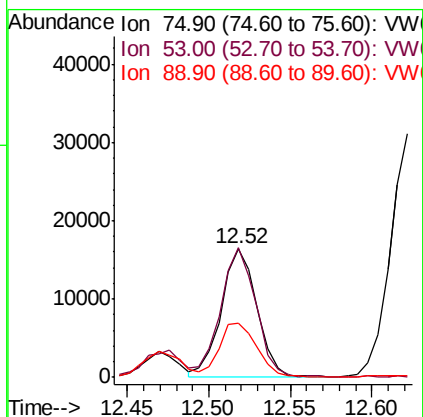
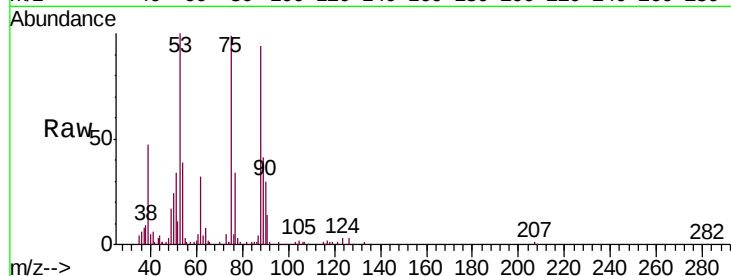
Tgt Ion: 75 Resp: 24742

Ion Ratio Lower Upper

75 100

53 101.9 74.4 111.6

89 45.1 35.9 53.9



#82

4-Chlorotoluene

Concen: 10.447 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004477.D

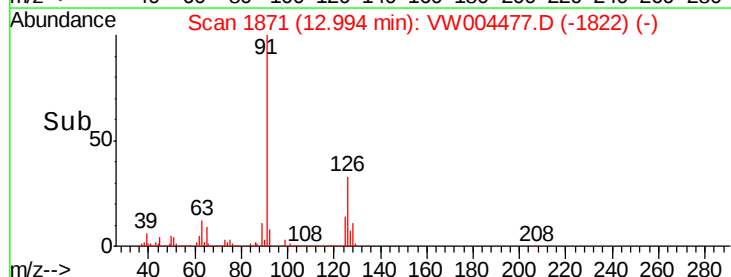
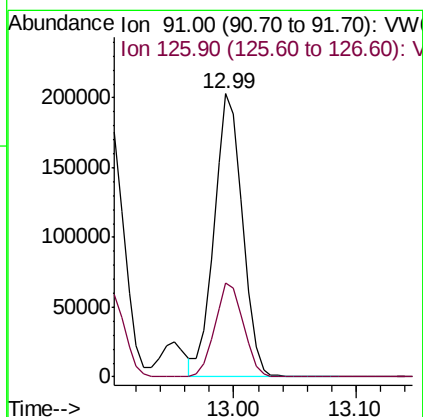
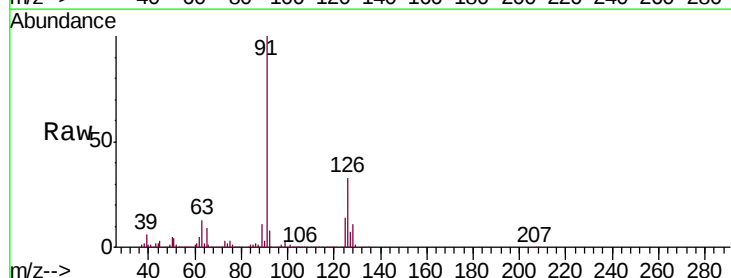
Acq: 06 Aug 2018 18:43

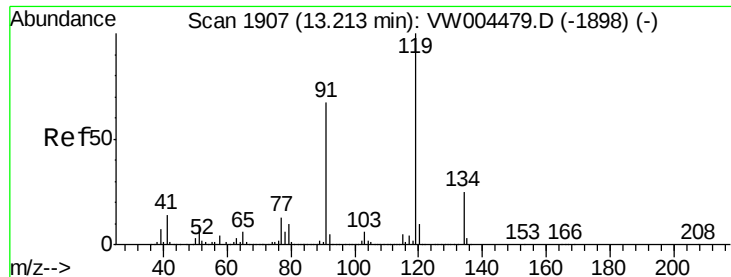
Tgt Ion: 91 Resp: 326129

Ion Ratio Lower Upper

91 100

126 33.3 16.5 49.5

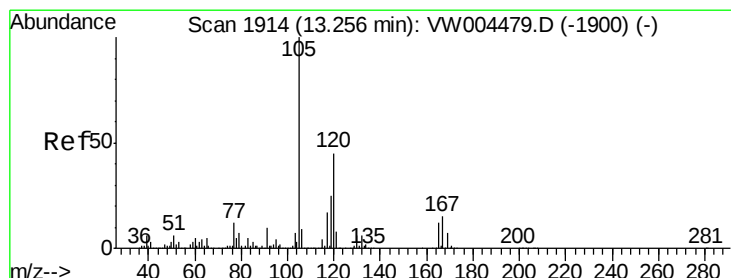
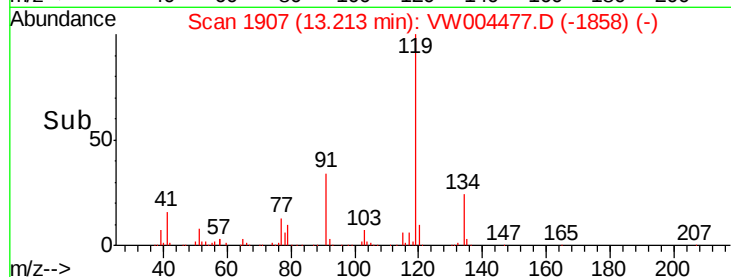
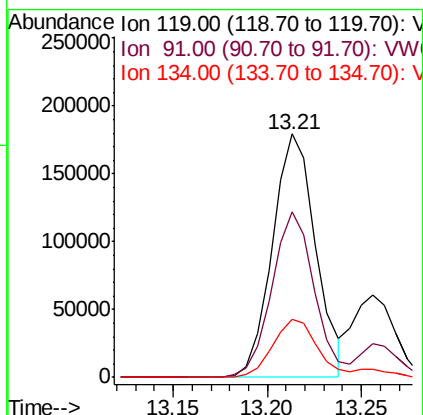
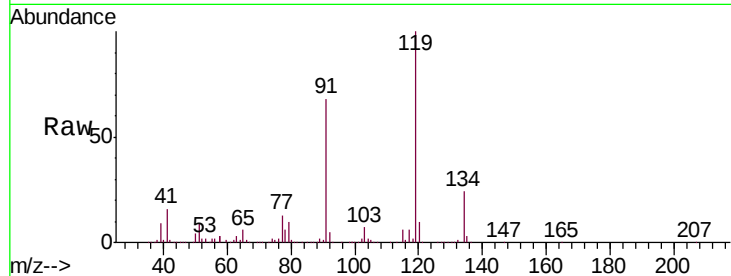




#83
tert-Butylbenzene
Concen: 9.501 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

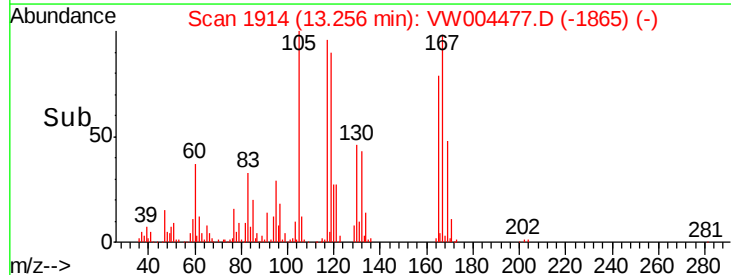
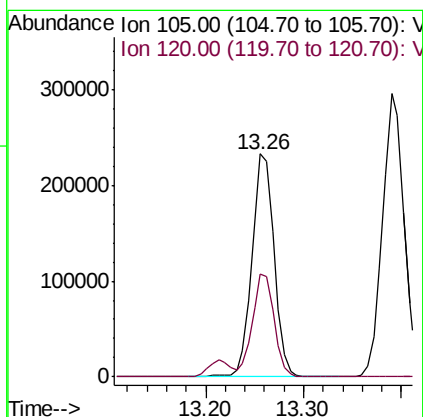
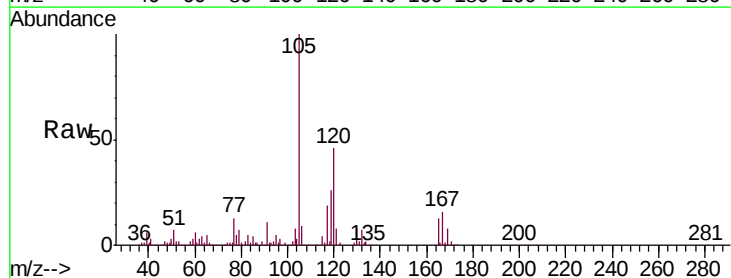
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

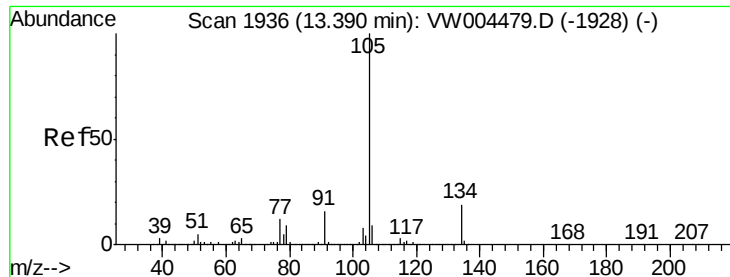
Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.8	33.3	99.8
134	24.4	12.2	36.6



#84
1,2,4-Trimethylbenzene
Concen: 9.846 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004477.D
Acq: 06 Aug 2018 18:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.6	67.8

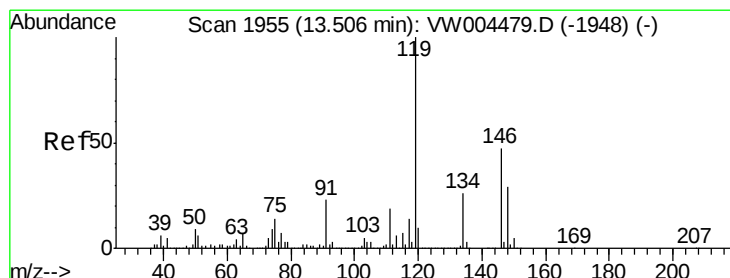
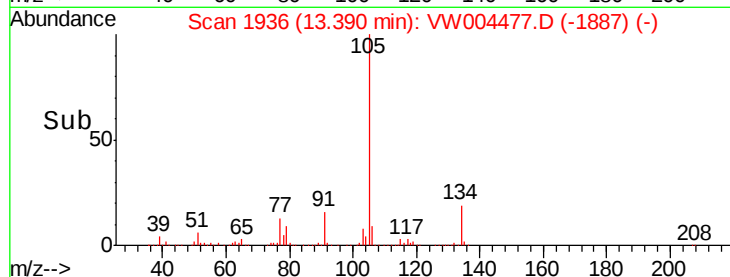
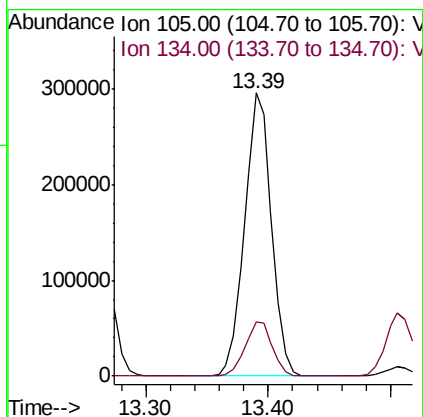
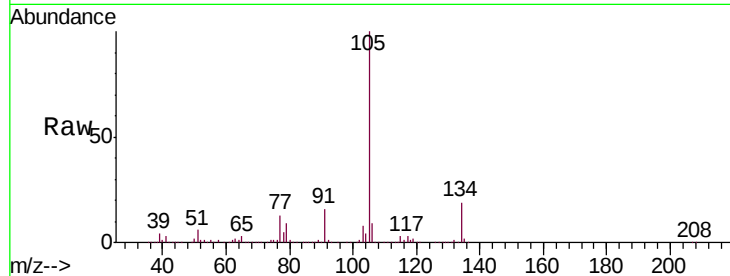




#85
 sec-Butylbenzene
 Concen: 10.163 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

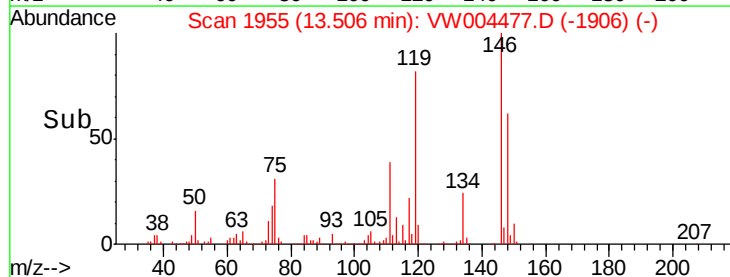
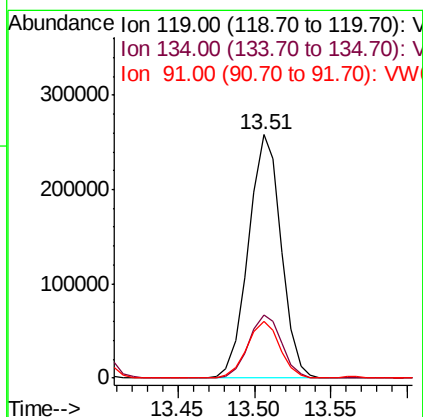
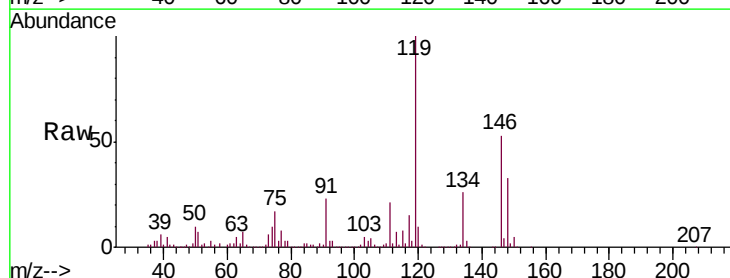
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

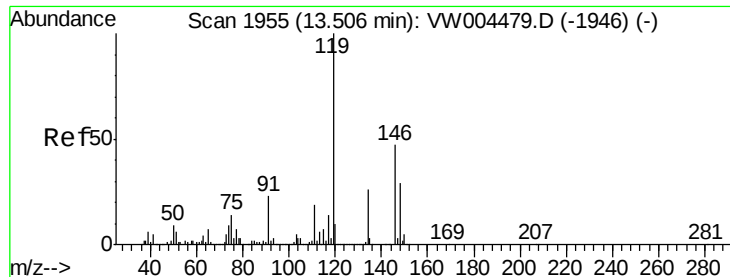
Tgt Ion:105 Resp: 448253
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 9.684 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion:119 Resp: 382433
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 23.5 11.4 34.1

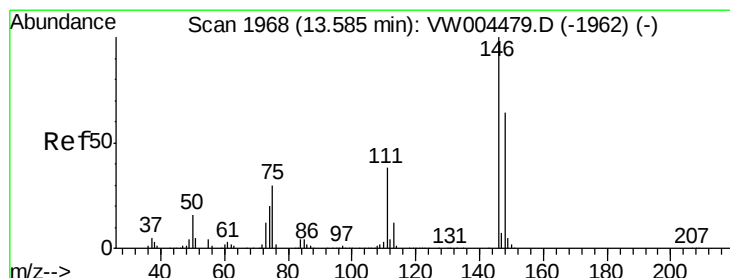
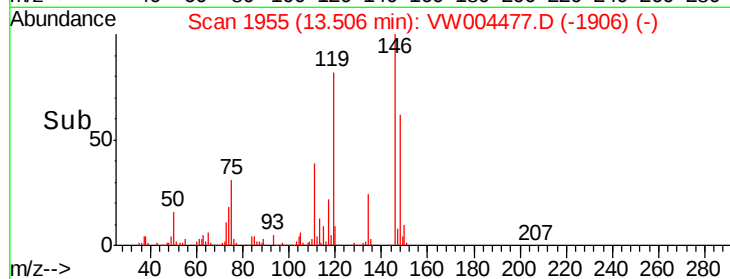
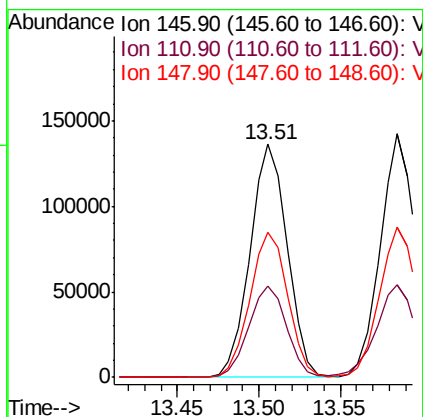
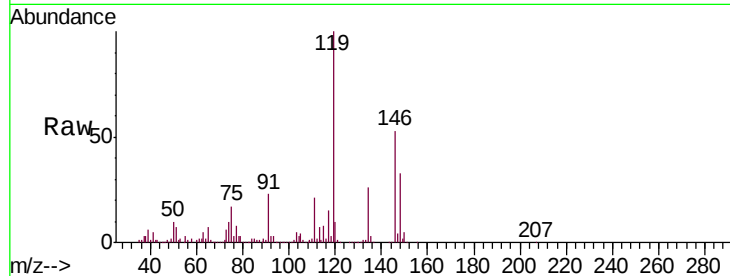




#87
 1,3-Dichlorobenzene
 Concen: 10.610 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

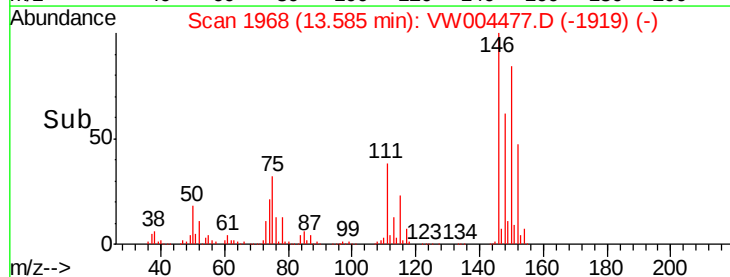
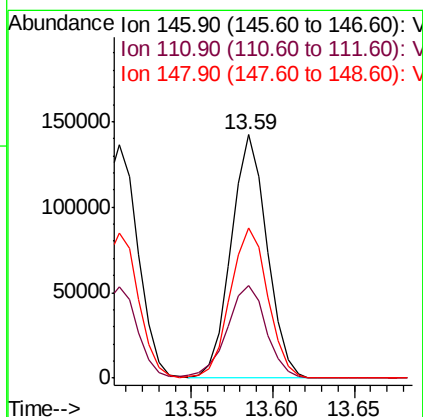
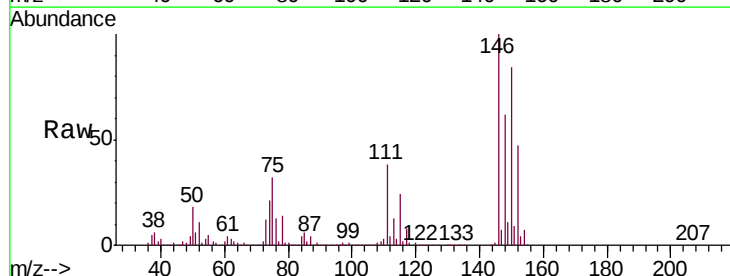
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

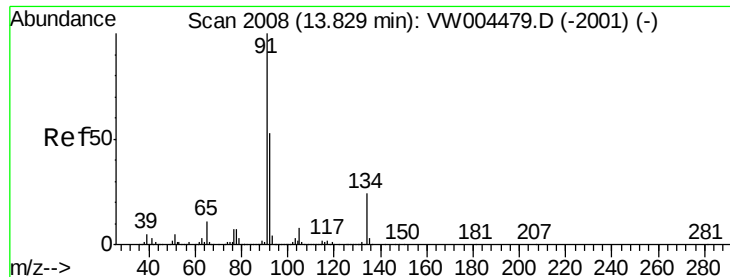
Tgt Ion:146 Resp: 216419
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 59.9
 148 63.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 10.723 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion:146 Resp: 218108
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.6 58.8
 148 64.7 31.9 95.5





#89

n-Butylbenzene

Concen: 10.031 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

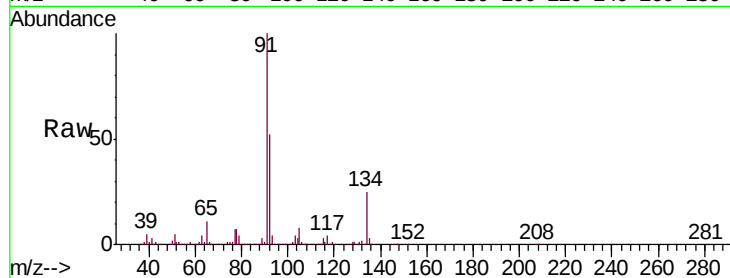
Tgt Ion: 91 Resp: 373418

Ion Ratio Lower Upper

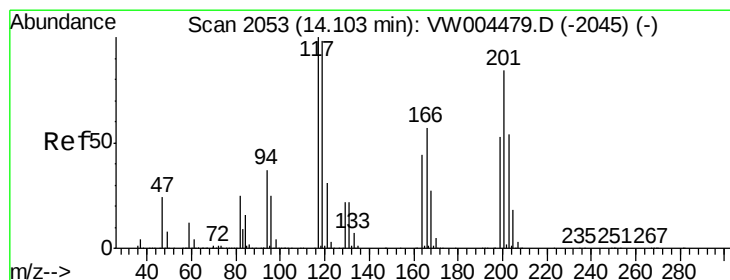
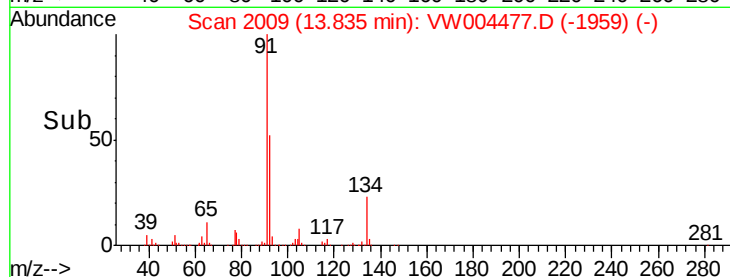
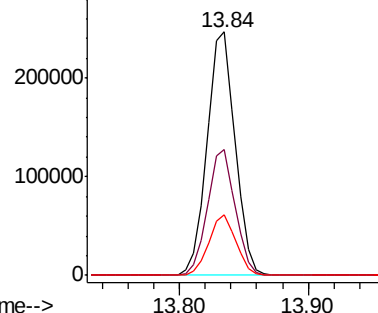
91 100

92 51.1 26.4 79.0

134 24.1 12.4 37.2



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: 10.170 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004477.D

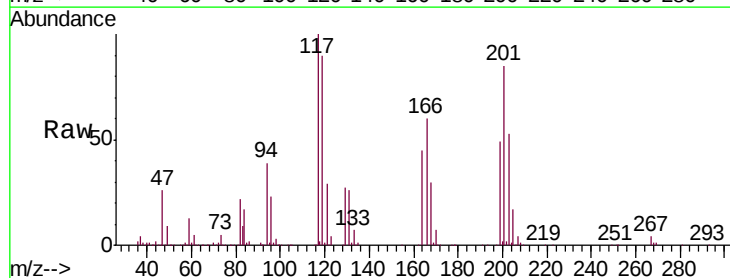
Acq: 06 Aug 2018 18:43

Tgt Ion: 117 Resp: 71811

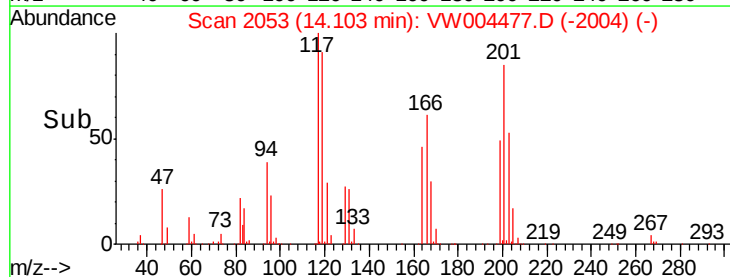
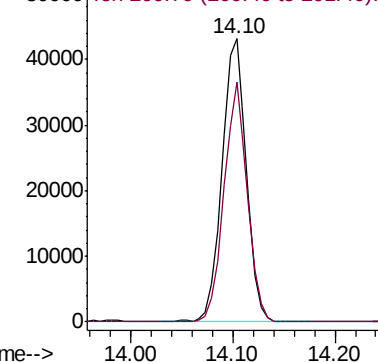
Ion Ratio Lower Upper

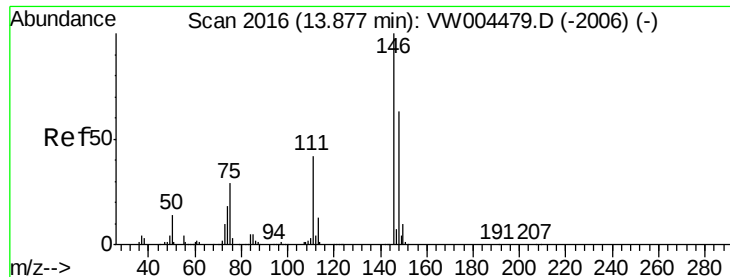
117 100

201 80.9 40.1 120.3



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





#91

1,2-Dichlorobenzene

Concen: 10.803 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

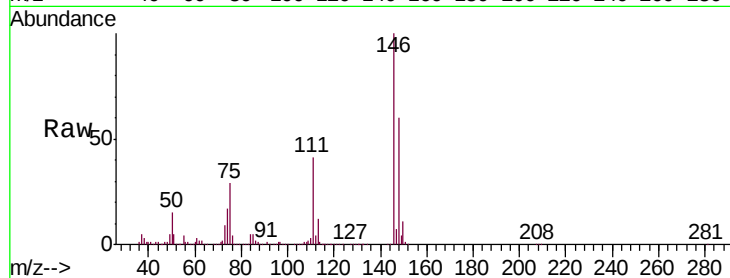
Tgt Ion:146 Resp: 197575

Ion Ratio Lower Upper

146 100

111 41.0 20.8 62.2

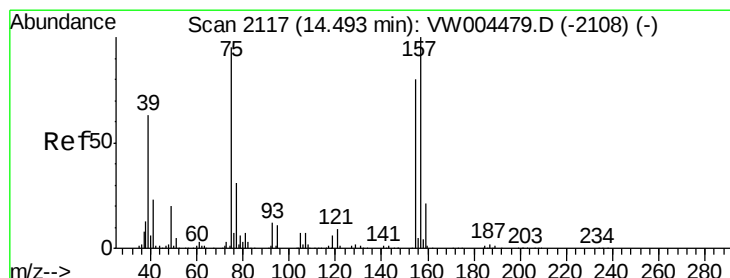
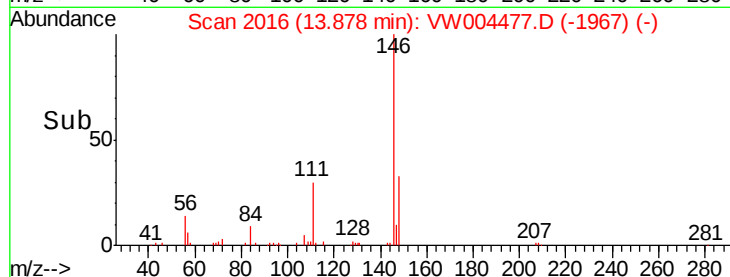
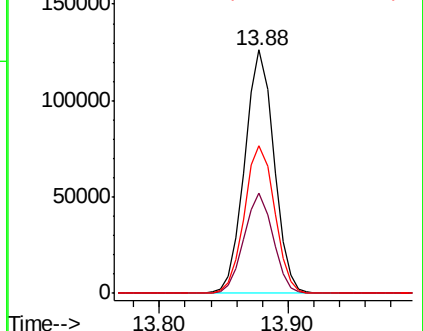
148 62.8 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 11.185 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

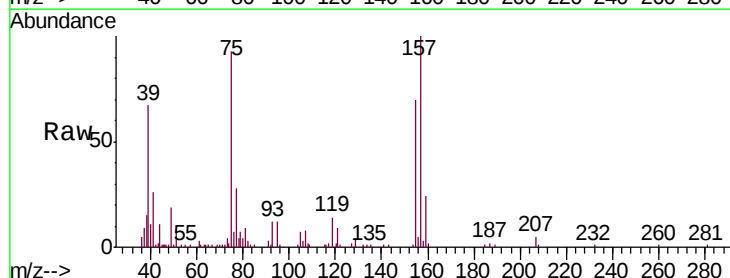
Tgt Ion: 75 Resp: 14618

Ion Ratio Lower Upper

75 100

155 77.9 41.3 123.7

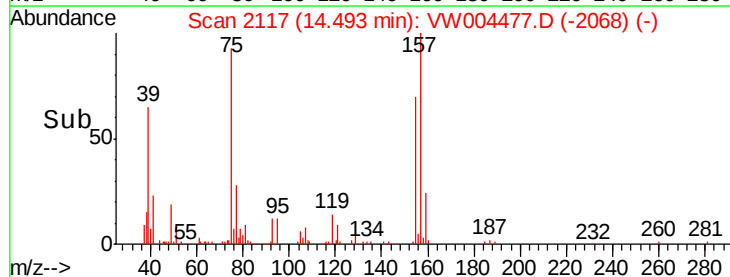
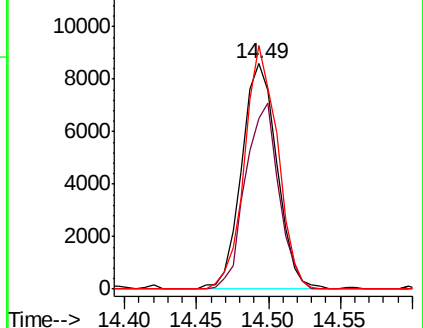
157 100.3 52.6 157.8

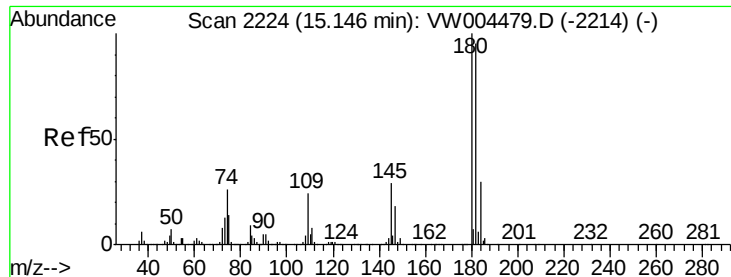


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

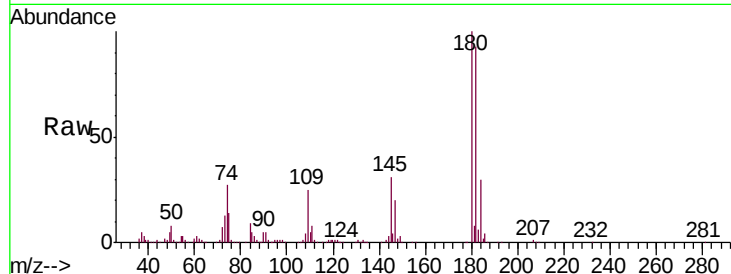




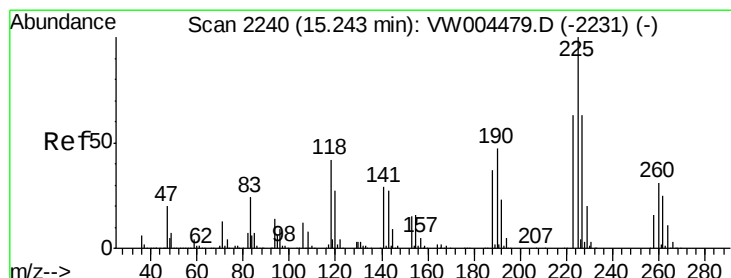
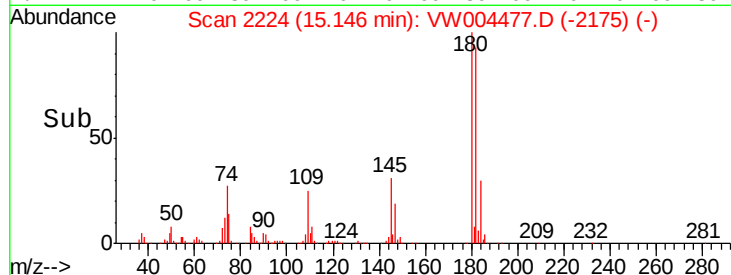
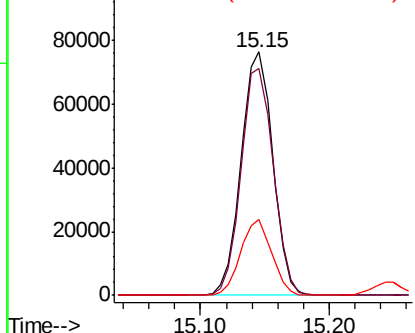
#93
 1,2,4-Trichlorobenzene
 Concen: 10.096 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 129480
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.9 143.6
 145 30.5 14.9 44.9

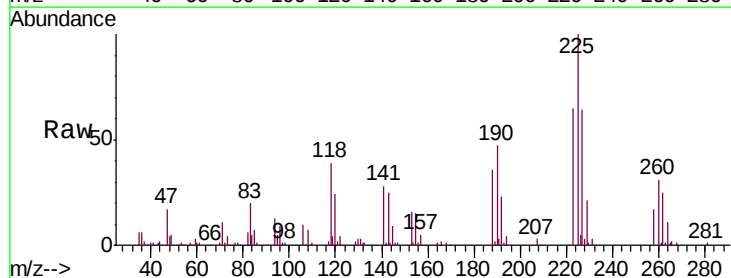


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

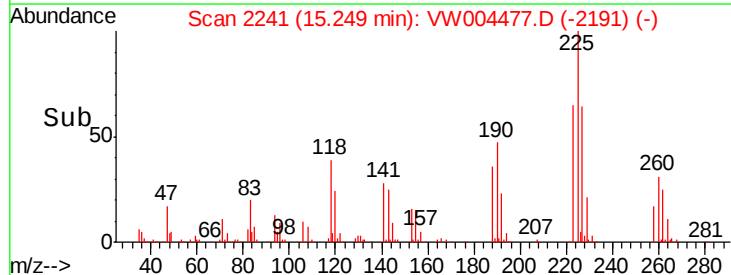
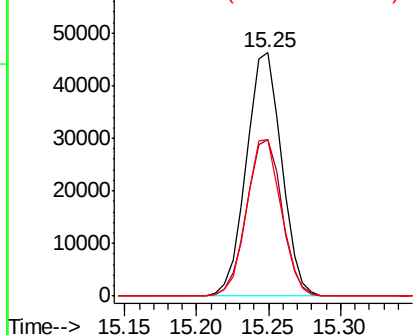


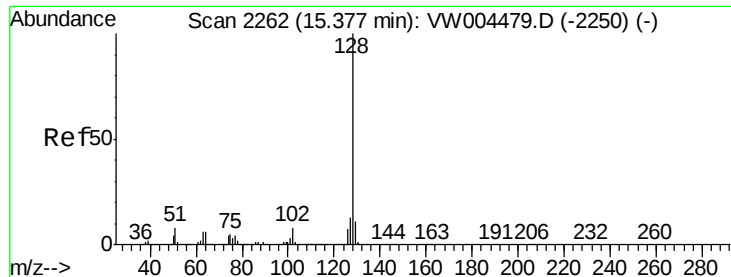
#94
 Hexachlorobutadiene
 Concen: 10.031 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004477.D
 Acq: 06 Aug 2018 18:43

Tgt Ion:225 Resp: 78203
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.3 93.8
 227 63.4 31.8 95.4



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: 9.994 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

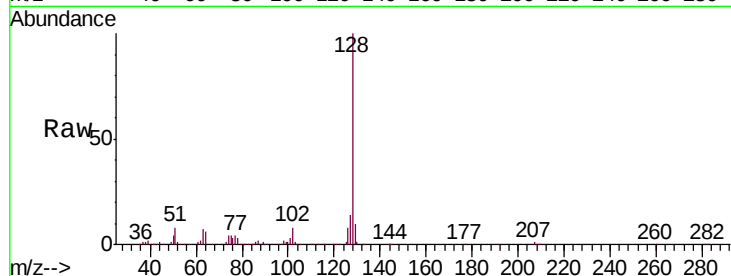
Tgt Ion:128 Resp: 224574

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

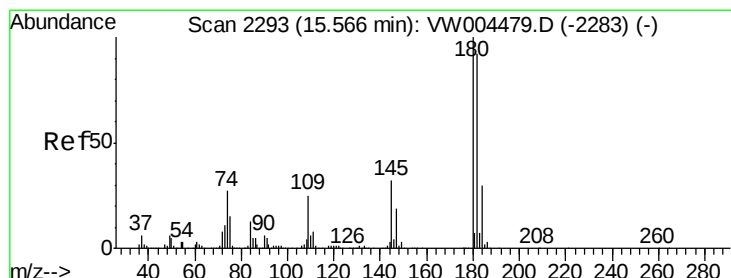
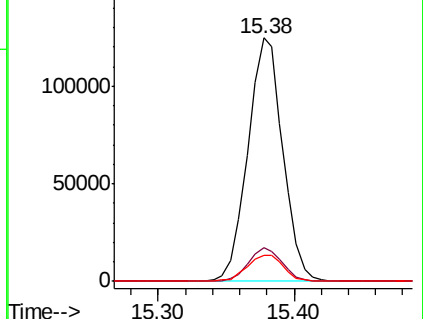
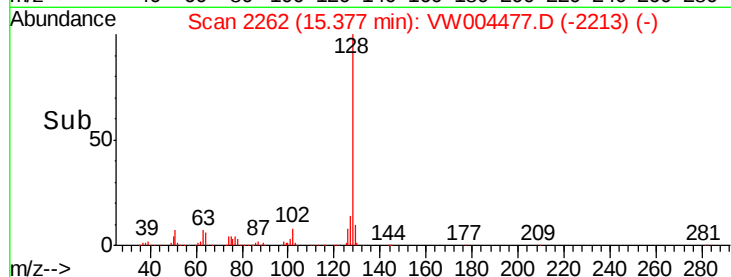
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 10.462 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VW004477.D

Acq: 06 Aug 2018 18:43

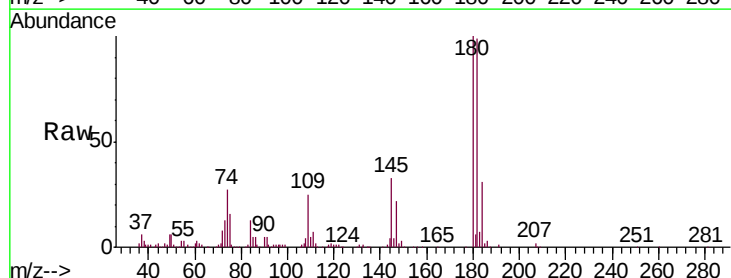
Tgt Ion:180 Resp: 118239

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.2

145 31.9 15.9 47.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

