

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
 Data File : VW005282.D
 Acq On : 11 Sep 2018 18:01
 Operator : SY/AP
 Sample : J4821-02MS
 Misc : 11.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MS

Quant Time: Sep 12 01:07:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	8524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	11601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	9471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	5076	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	3687	57.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.98%	
35) Dibromofluoromethane	7.90	113	4284	70.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.00%	
50) Toluene-d8	10.34	98	14179	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
62) 4-Bromofluorobenzene	12.63	95	5251	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	5032	68.434	ug/l	90
3) Chloromethane	2.21	50	5494	55.887	ug/l #	85
4) Vinyl Chloride	2.36	62	6605	73.187	ug/l	90
5) Bromomethane	2.79	94	1866	33.077	ug/l	99
6) Chloroethane	2.93	64	3719	74.810	ug/l	98
7) Trichlorofluoromethane	3.28	101	9404	92.113	ug/l	93
8) Diethyl Ether	3.70	74	1988	54.639	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	4.09	101	6061	83.116	ug/l	96
10) Methyl Iodide	4.29	142	3048	34.717	ug/l #	97
11) Tert butyl alcohol	5.17	59	853	163.603	ug/l #	73
12) 1,1-Dichloroethene	4.05	96	5407	80.528	ug/l	90
13) Acrolein	3.91	56	1109	220.198	ug/l	91
14) Allyl chloride	4.69	41	5808	56.295	ug/l	96
15) Acrylonitrile	5.39	53	4023	245.081	ug/l #	93
16) Acetone	4.13	43	5417	459.031	ug/l	92
17) Carbon Disulfide	4.40	76	16069	68.181	ug/l	97
18) Methyl Acetate	4.68	43	1629	46.242	ug/l #	63
19) Methyl tert-butyl Ether	5.43	73	8928	55.826	ug/l #	84
20) Methylene Chloride	4.93	84	5446	62.949	ug/l	98
21) trans-1,2-Dichloroethene	5.44	96	5627	71.776	ug/l #	93
22) Diisopropyl ether	6.31	45	10713	51.578	ug/l	93
23) Vinyl Acetate	6.27	43	16715	144.404	ug/l	96
24) 1,1-Dichloroethane	6.22	63	8848	69.203	ug/l #	96
25) 2-Butanone	7.18	43	4944	265.602	ug/l #	88
26) 2,2-Dichloropropane	7.18	77	4625	41.722	ug/l	93
27) cis-1,2-Dichloroethene	7.18	96	5265	62.751	ug/l	94
28) Bromochloromethane	7.51	49	2666	56.522	ug/l	93
29) Tetrahydrofuran	7.54	42	3176	253.186	ug/l	97
30) Chloroform	7.68	83	8869	69.122	ug/l	91
31) Cyclohexane	7.96	56	8568	62.979	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	8426	72.691	ug/l	99
36) 1,1-Dichloropropene	8.10	75	6710	63.133	ug/l	96
37) Ethyl Acetate	7.26	43	2239	55.384	ug/l #	92
38) Carbon Tetrachloride	8.08	117	7339	73.713	ug/l #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	8668	61.425	ug/l	94
40) Benzene	8.34	78	19115	61.046	ug/l	98
41) Methacrylonitrile	7.51	41	1454	70.104	ug/l #	81
42) 1,2-Dichloroethane	8.41	62	4587	61.233	ug/l	96
43) Isopropyl Acetate	8.43	43	4182	55.706	ug/l #	97
44) Trichloroethene	9.10	130	5129	59.707	ug/l	96
45) 1,2-Dichloropropane	9.37	63	4484	59.577	ug/l	90
46) Dibromomethane	9.46	93	1974	53.582	ug/l	94
47) Bromodichloromethane	9.65	83	5084	56.413	ug/l #	95
48) Methyl methacrylate	9.45	41	1393	35.736	ug/l #	95
49) 1,4-Dioxane	9.45	88	522	758.907	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	9405	222.621	ug/l	94
52) Toluene	10.40	92	9665	42.469	ug/l	95
53) t-1,3-Dichloropropene	10.61	75	2191	22.496	ug/l #	84
54) cis-1,3-Dichloropropene	10.08	75	3498	29.991	ug/l #	91
55) 1,1,2-Trichloroethane	10.79	97	3773	64.231	ug/l	92
56) Ethyl methacrylate	10.65	69	2326	31.234	ug/l #	76
57) 1,3-Dichloropropane	10.94	76	4730	48.493	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1732	53.511	ug/l	100
59) 2-Hexanone	10.98	43	6180	202.912	ug/l	74
60) Dibromochloromethane	11.13	129	3029	46.471	ug/l	90
61) 1,2-Dibromoethane	11.24	107	2021	37.518	ug/l #	74
64) Tetrachloroethene	10.87	164	5513	78.458	ug/l	95
65) Chlorobenzene	11.66	112	10103	48.695	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.74	131	4147	66.944	ug/l	95
67) Ethyl Benzene	11.74	91	19032	52.674	ug/l	96
68) m/p-Xylenes	11.85	106	14982	102.898	ug/l	93
69) o-Xylene	12.17	106	6757	49.881	ug/l	93
70) Styrene	12.19	104	7183	32.497	ug/l	92
71) Bromoform	12.35	173	1650	49.125	ug/l #	99
73) Isopropylbenzene	12.47	105	32062	89.398	ug/l	99
74) N-amyl acetate	12.26	43	21177	310.347	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.72	83	4127	76.568	ug/l	72
76) 1,2,3-Trichloropropane	12.77	75	4066	104.144	ug/l #	100
77) Bromobenzene	12.75	156	3647	43.164	ug/l	93
78) n-propylbenzene	12.81	91	59768	138.757	ug/l	99
79) 2-Chlorotoluene	12.99	91	10978	44.444	ug/l	93
80) 1,3,5-Trimethylbenzene	12.95	105	117056	383.296	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	191	11.473	ug/l #	16
82) 4-Chlorotoluene	12.99	91	10833	41.725	ug/l	89
83) tert-Butylbenzene	13.21	119	20335	76.133	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	382750	1247.201	ug/l	99
85) sec-Butylbenzene	13.39	105	49896	129.985	ug/l	87
86) p-Isopropyltoluene	13.51	119	49794	146.534	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	5797	32.675	ug/l #	31
88) 1,4-Dichlorobenzene	13.59	146	4754	27.282	ug/l #	29
89) n-Butylbenzene	13.83	91	43990	137.709	ug/l #	77
90) Hexachloroethane	14.10	117	10374	190.549	ug/l #	32
91) 1,2-Dichlorobenzene	13.88	146	5493	35.225	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.46	75	337	37.599	ug/l #	1

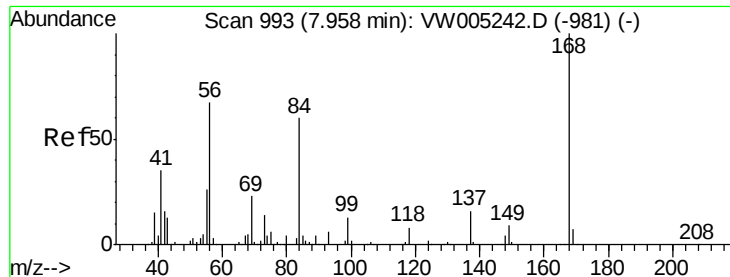
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	687	6.228	ug/l #	83
94) Hexachlorobutadiene	15.24	225	1272	18.008	ug/l	93
95) Naphthalene	15.38	128	11310	63.239	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	358	3.772	ug/l #	75

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

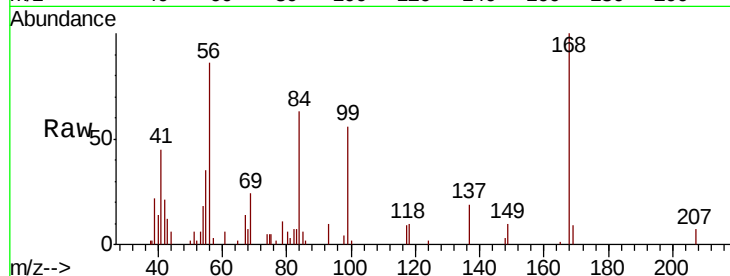
ENY-SB-02-61.0-61.5MS

Tgt Ion:168 Resp: 8524

Ion Ratio Lower Upper

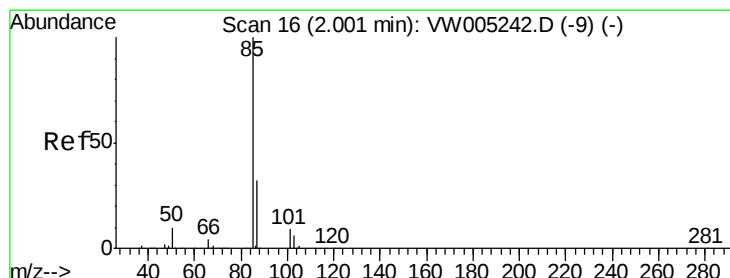
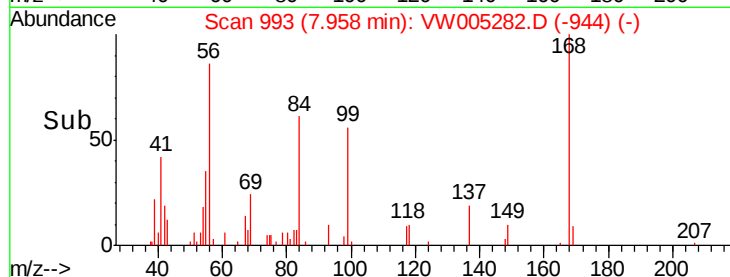
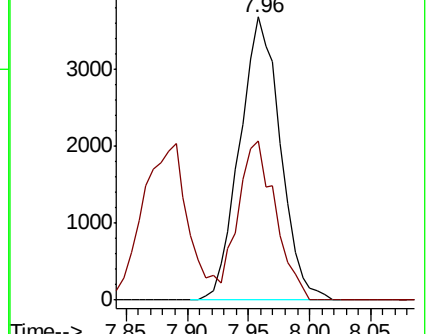
168 100

99 56.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 68.434 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005282.D

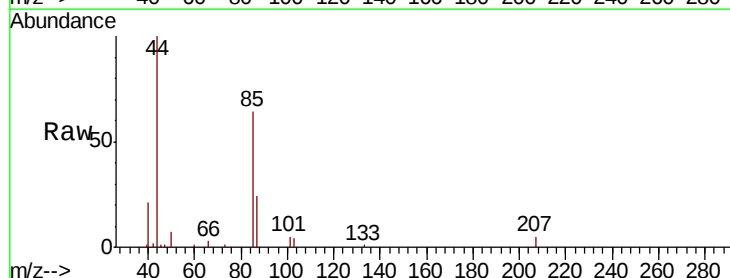
Acq: 11 Sep 2018 18:01

Tgt Ion: 85 Resp: 5032

Ion Ratio Lower Upper

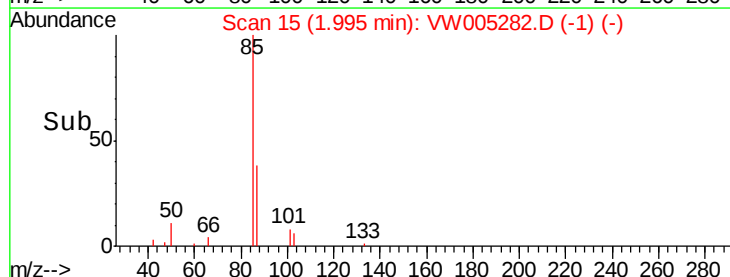
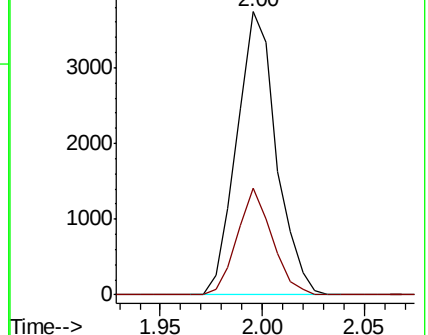
85 100

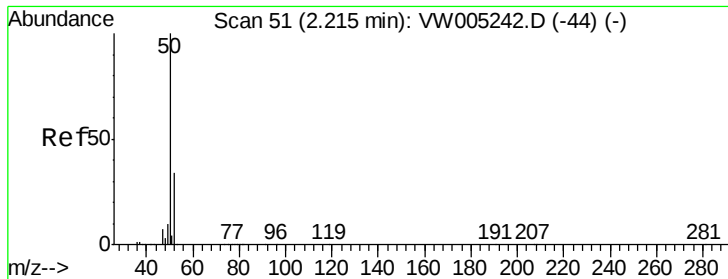
87 37.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 55.887 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

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ClientSampleId :

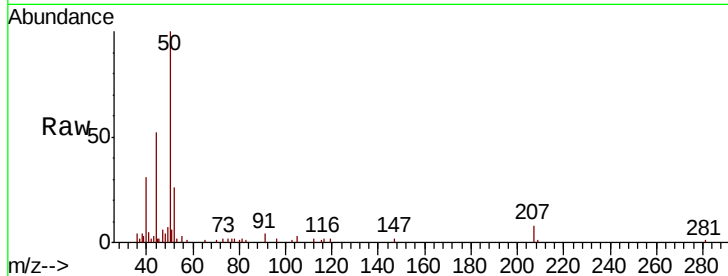
ENY-SB-02-61.0-61.5MS

Tgt Ion: 50 Resp: 5494

Ion Ratio Lower Upper

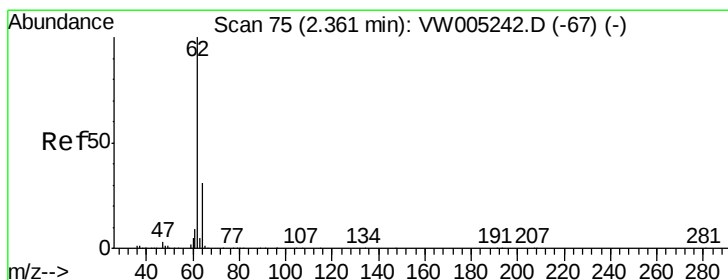
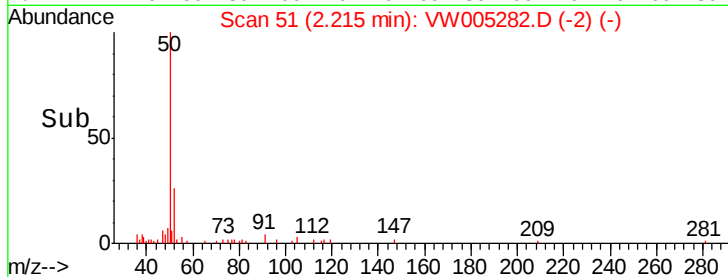
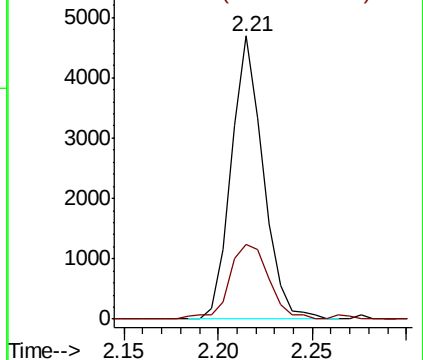
50 100

52 25.2 27.0 40.4#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 73.187 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005282.D

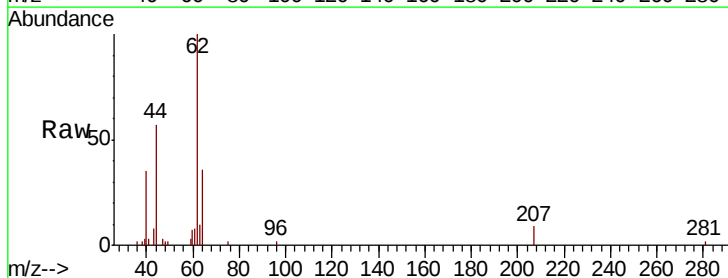
Acq: 11 Sep 2018 18:01

Tgt Ion: 62 Resp: 6605

Ion Ratio Lower Upper

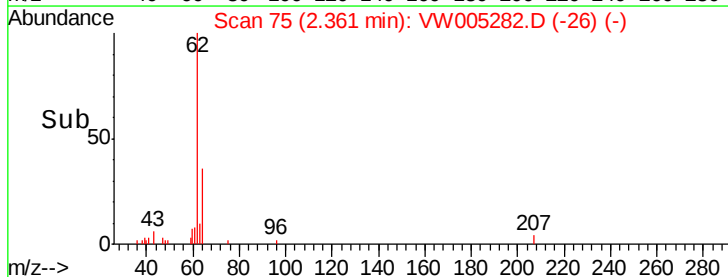
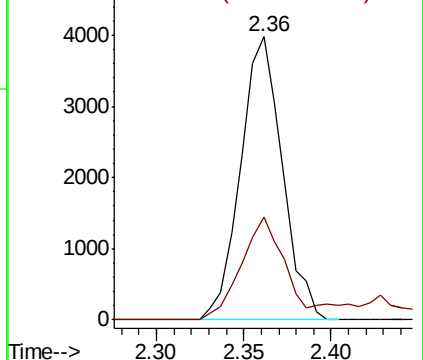
62 100

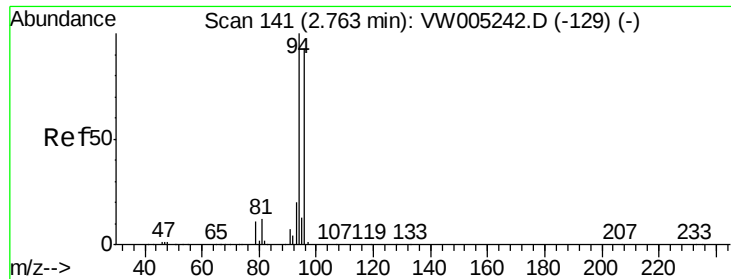
64 36.2 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 33.077 ug/l

RT: 2.79 min Scan# 146

Delta R.T. 0.03 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

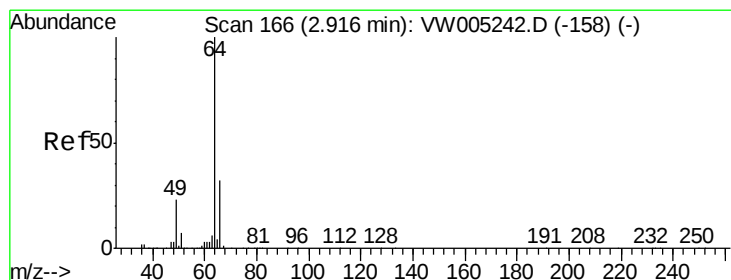
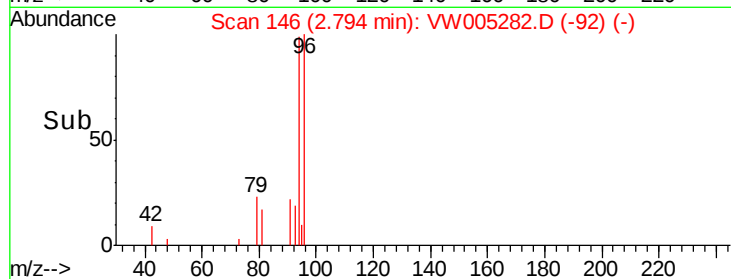
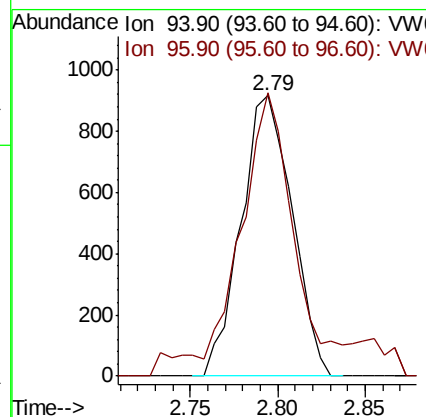
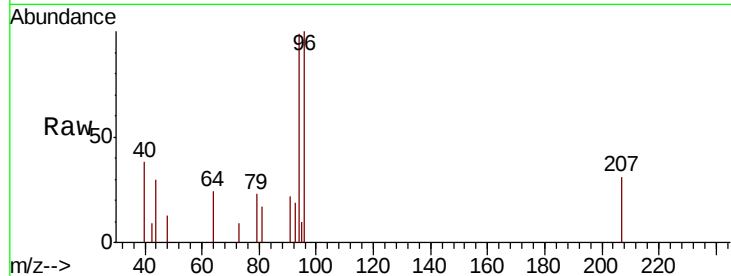
ENY-SB-02-61.0-61.5MS

Tgt Ion: 94 Resp: 1866

Ion Ratio Lower Upper

94 100

96 93.3 74.1 111.1



#6

Chloroethane

Concen: 74.810 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.02 min

Lab File: VW005282.D

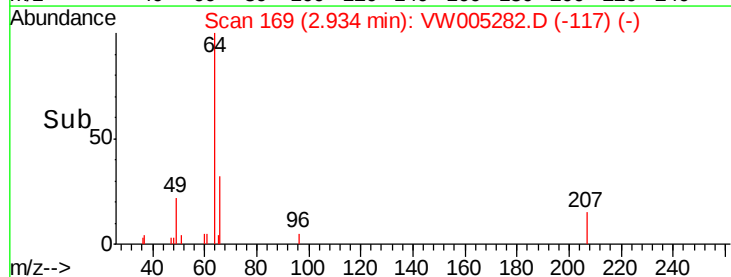
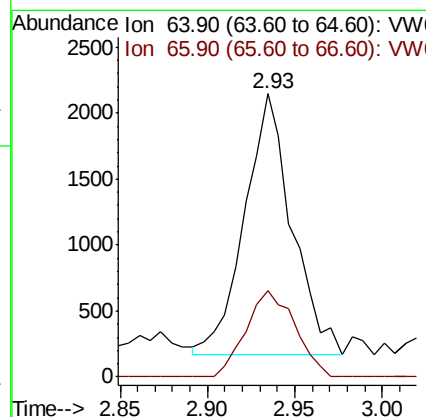
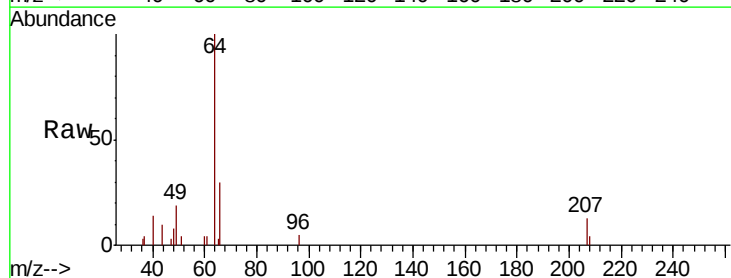
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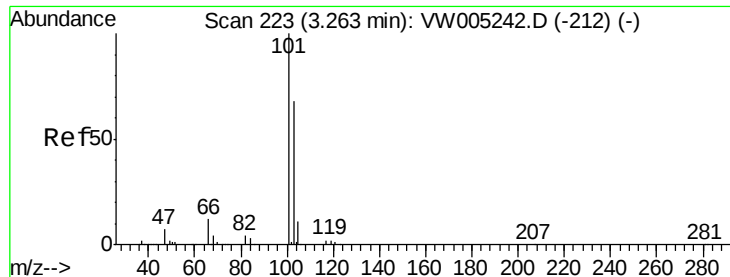
Tgt Ion: 64 Resp: 3719

Ion Ratio Lower Upper

64 100

66 32.9 25.3 37.9



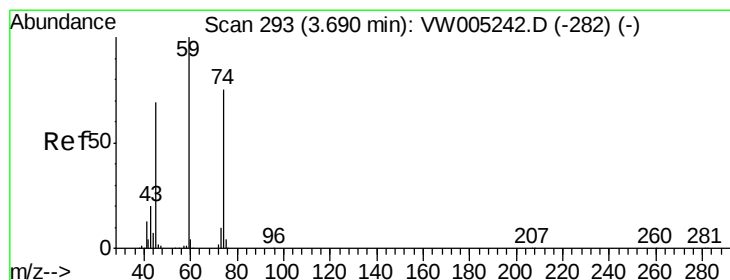
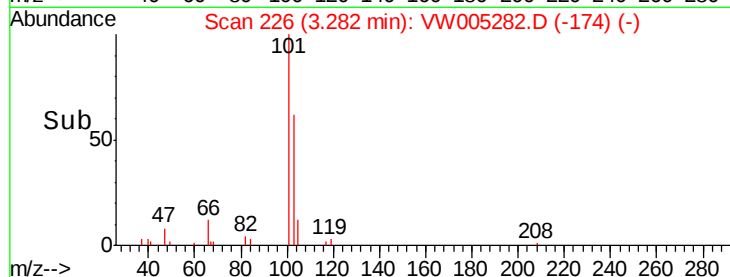
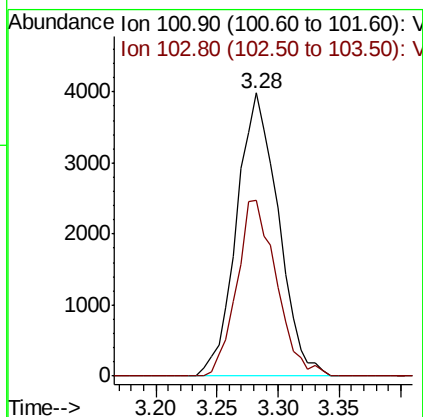
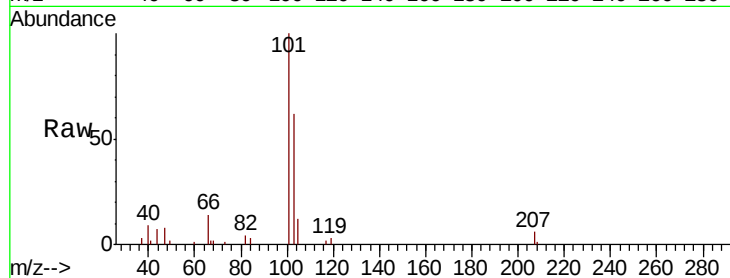


#7

Trichlorofluoromethane
Concen: 92.113 ug/l
RT: 3.28 min Scan# 226
Delta R.T. 0.02 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Instrument :
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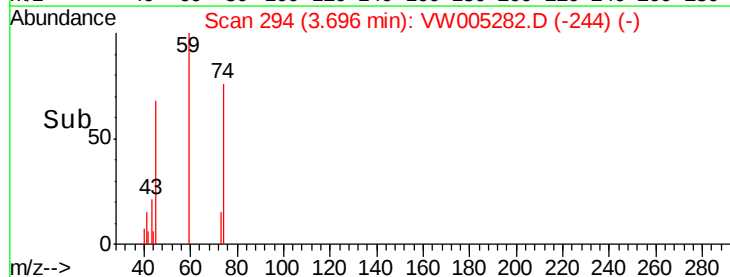
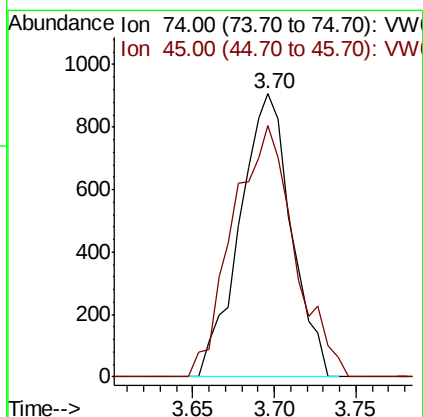
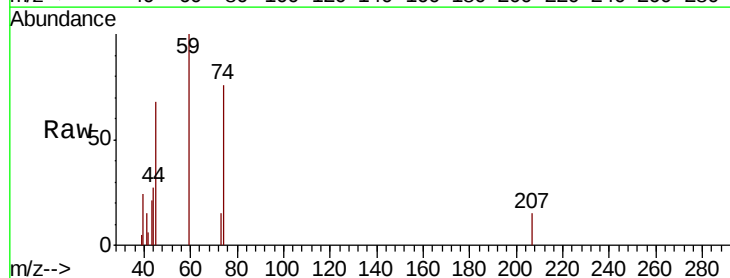
Tgt Ion: 101 Resp: 9404
Ion Ratio Lower Upper
101 100
103 62.0 54.1 81.1

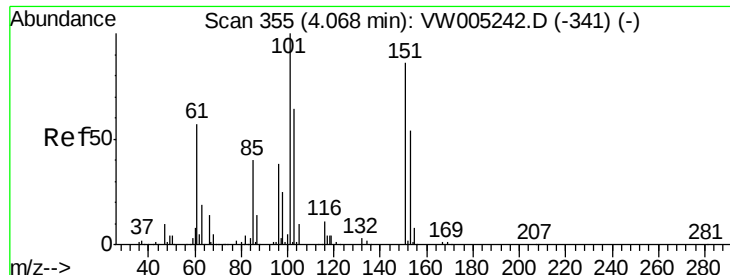


#8

Diethyl Ether
Concen: 54.639 ug/l
RT: 3.70 min Scan# 294
Delta R.T. 0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion: 74 Resp: 1988
Ion Ratio Lower Upper
74 100
45 106.7 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 83.116 ug/l

RT: 4.09 min Scan# 358

Delta R.T. 0.02 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

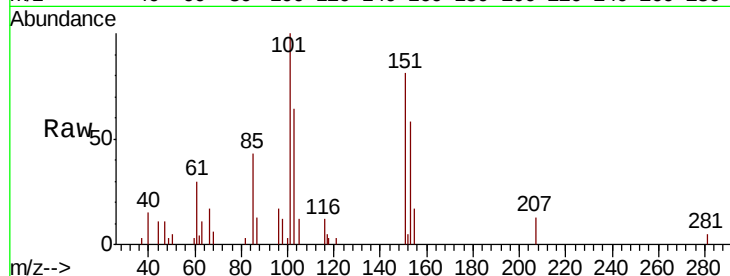
Tgt Ion:101 Resp: 6061

Ion Ratio Lower Upper

101 100

85 42.6 32.7 49.1

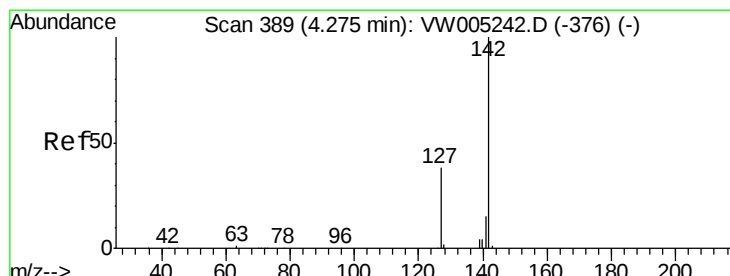
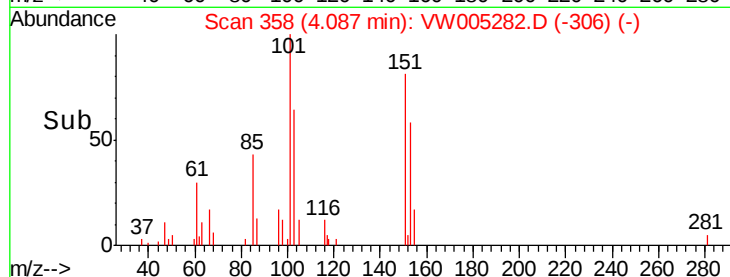
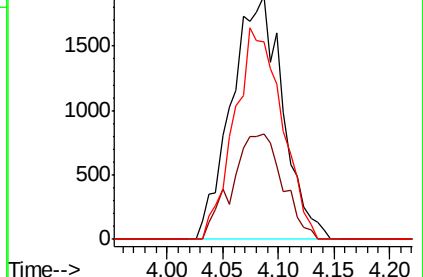
151 80.5 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 34.717 ug/l

RT: 4.29 min Scan# 391

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

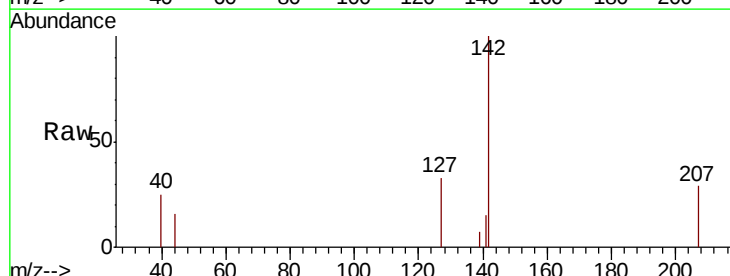
Tgt Ion:142 Resp: 3048

Ion Ratio Lower Upper

142 100

127 38.5 30.3 45.5

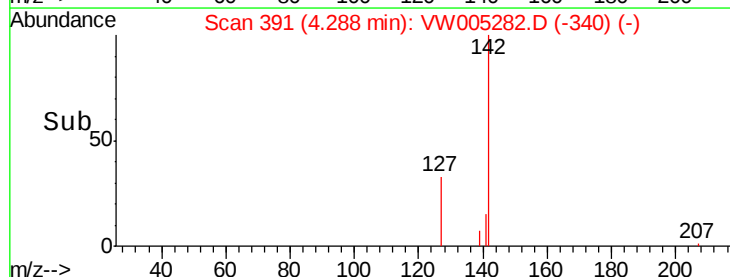
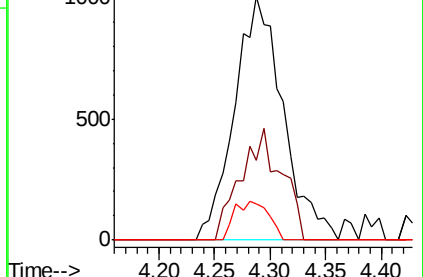
141 11.2 11.4 17.0#

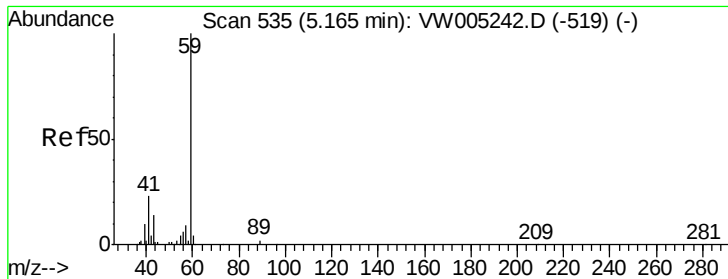


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

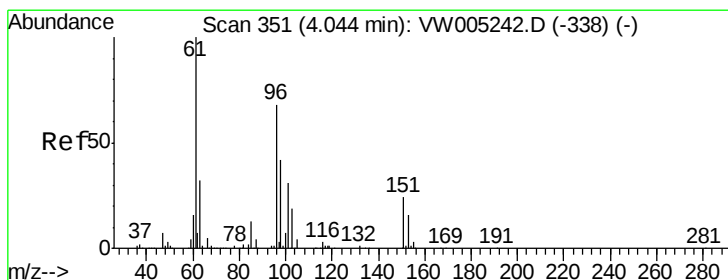
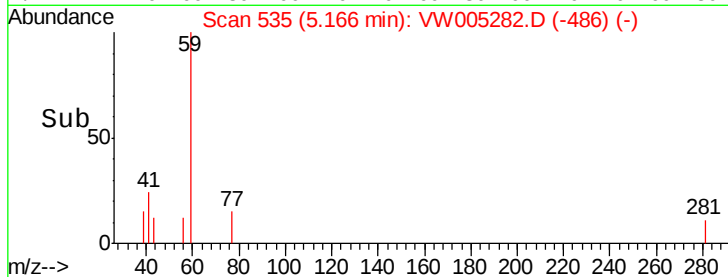
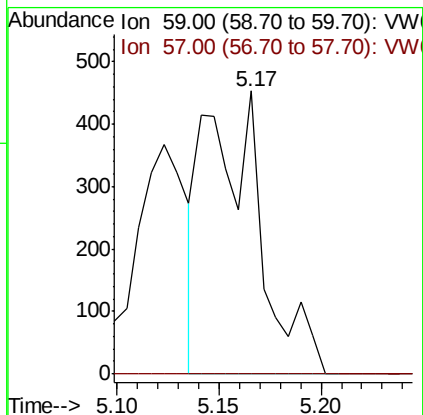
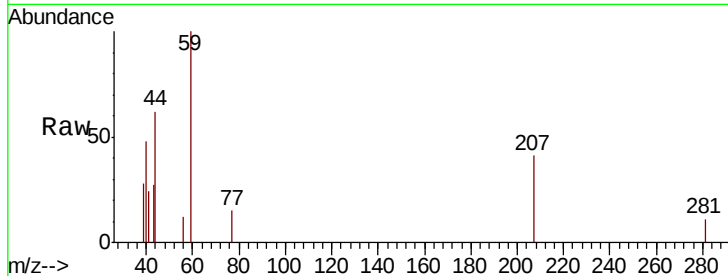




#11
Tert butyl alcohol
Concen: 163.603 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

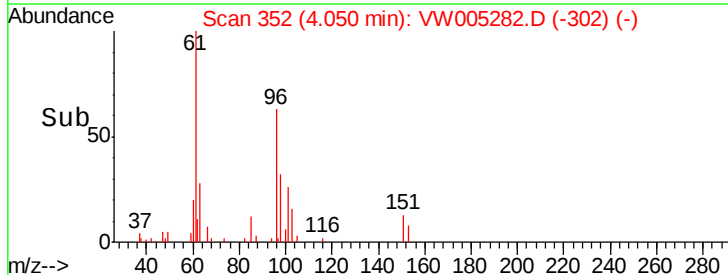
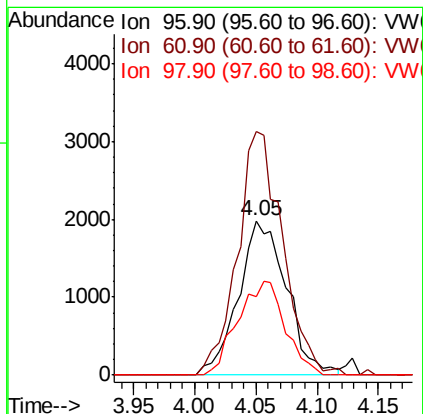
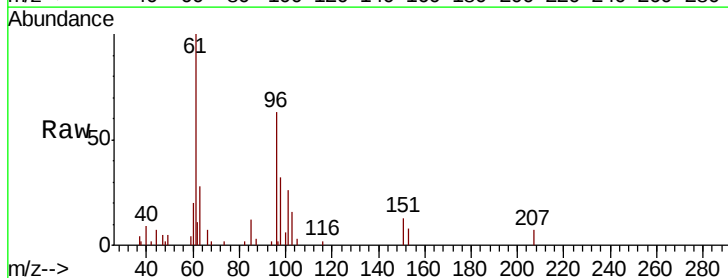
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MS

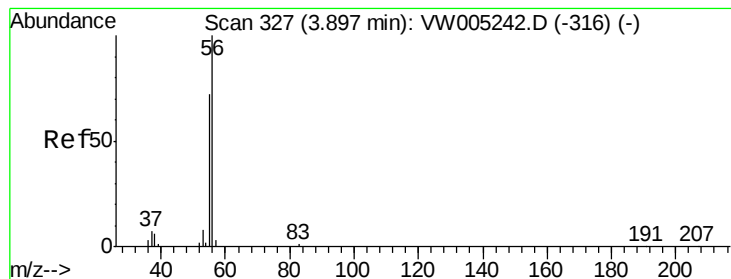
Tgt Ion: 59 Resp: 853
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 80.528 ug/l
RT: 4.05 min Scan# 352
Delta R.T. 0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion: 96 Resp: 5407
Ion Ratio Lower Upper
96 100
61 157.7 118.2 177.2
98 50.8 49.9 74.9





#13

Acrolein

Concen: 220.198 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

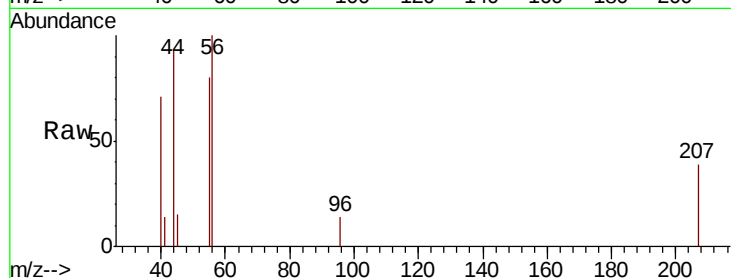
ENY-SB-02-61.0-61.5MS

Tgt Ion: 56 Resp: 1109

Ion Ratio Lower Upper

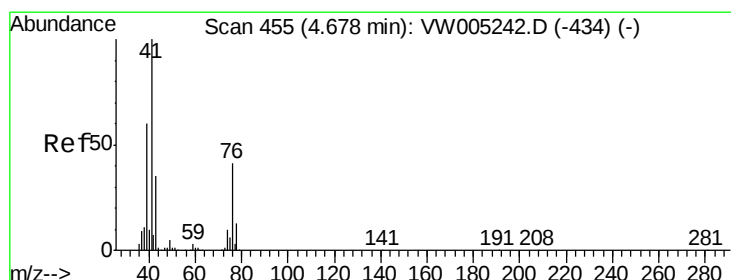
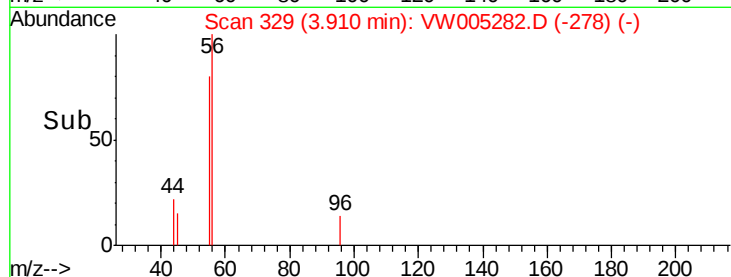
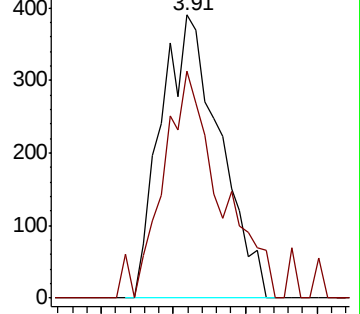
56 100

55 78.4 56.8 85.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 56.295 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

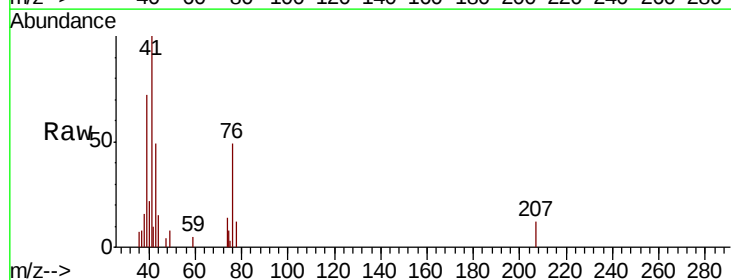
Tgt Ion: 41 Resp: 5808

Ion Ratio Lower Upper

41 100

39 58.6 48.2 72.4

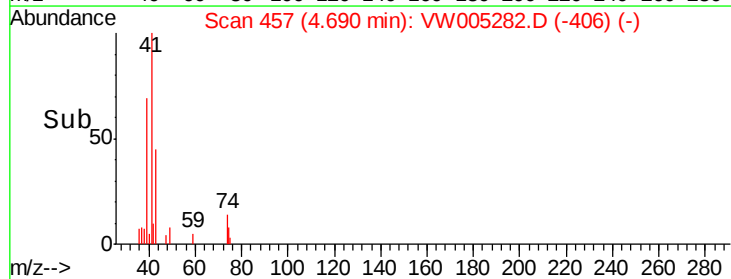
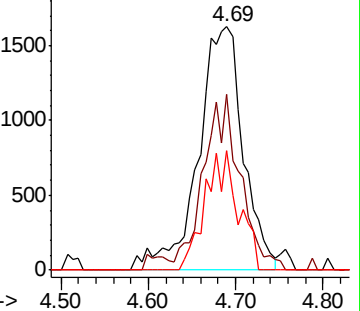
76 35.9 31.7 47.5

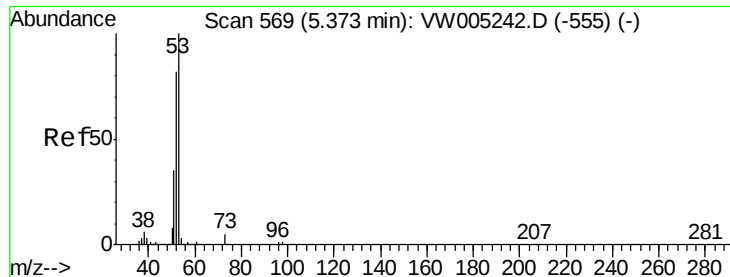


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 245.081 ug/l

RT: 5.39 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

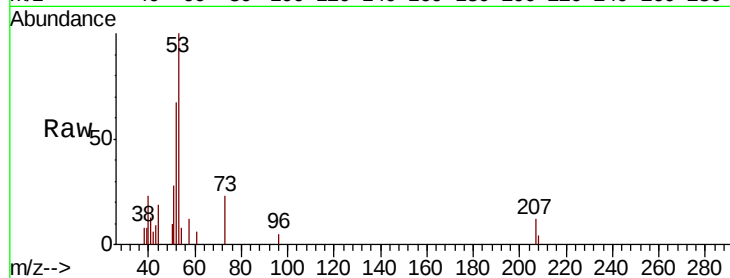
Tgt Ion: 53 Resp: 4023

Ion Ratio Lower Upper

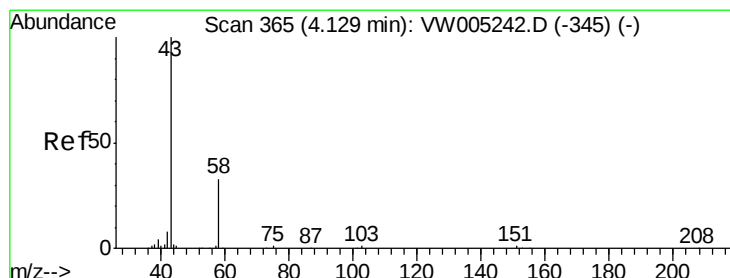
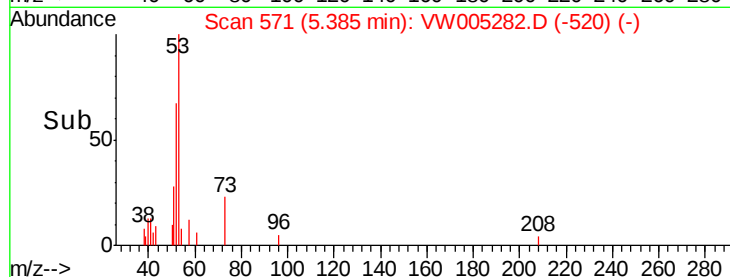
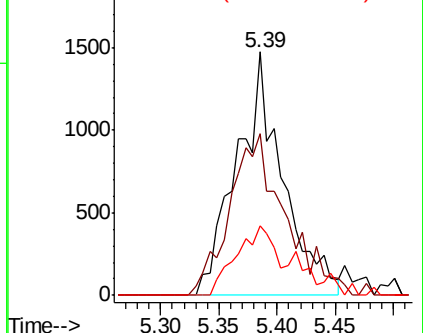
53 100

52 80.7 66.0 99.0

51 25.5 28.6 43.0#



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 459.031 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW005282.D

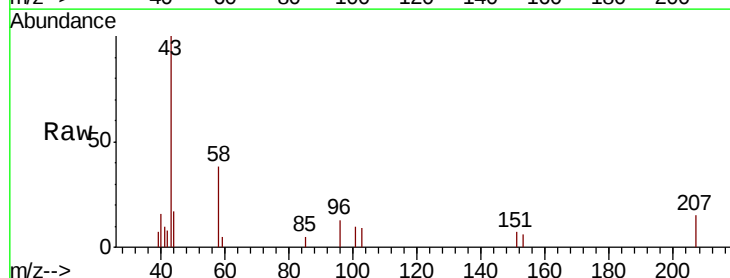
Acq: 11 Sep 2018 18:01

Tgt Ion: 43 Resp: 5417

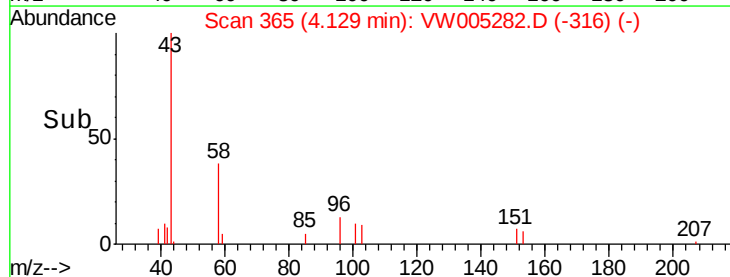
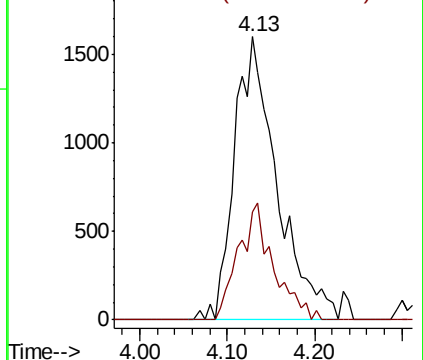
Ion Ratio Lower Upper

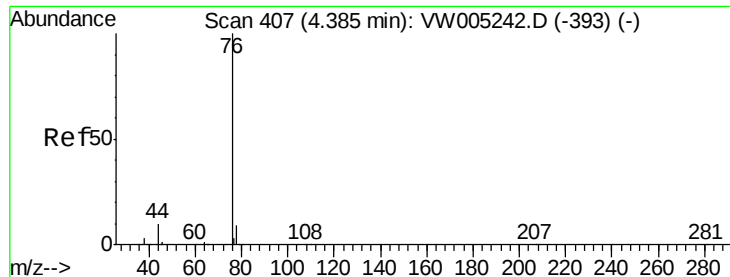
43 100

58 38.1 26.7 40.1



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

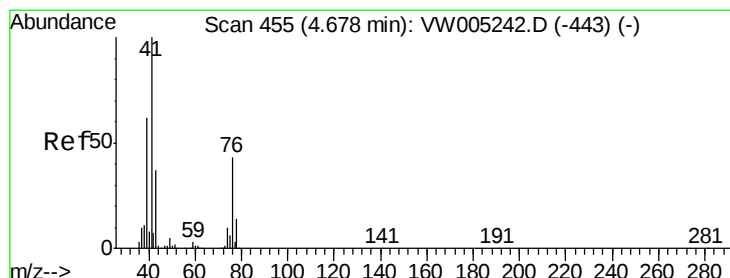
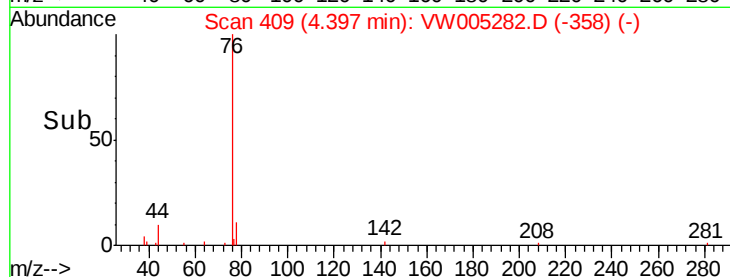
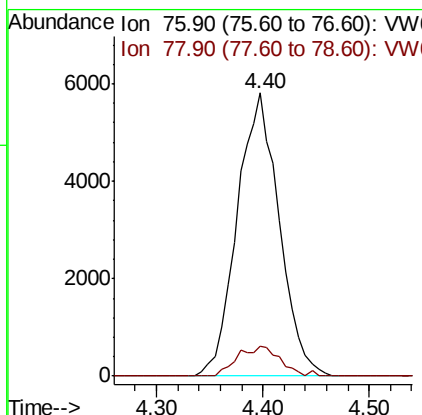
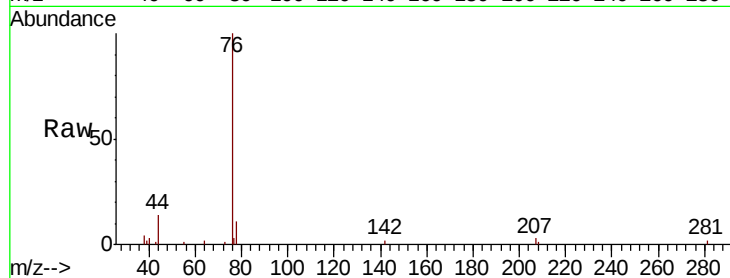




#17
Carbon Disulfide
Concen: 68.181 ug/l
RT: 4.40 min Scan# 409
Delta R.T. 0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

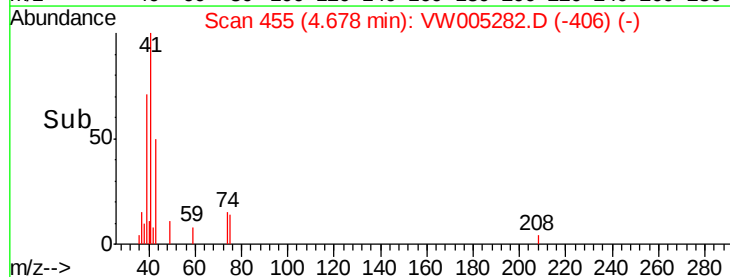
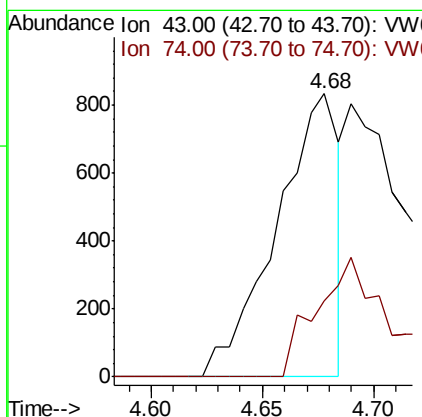
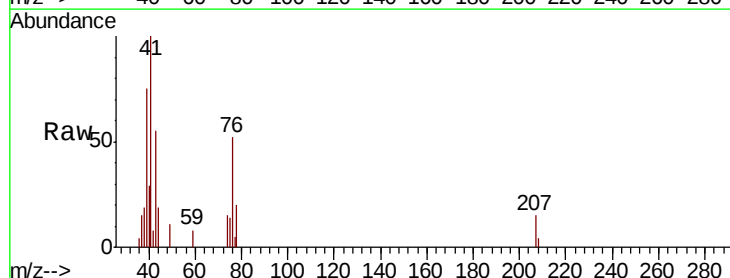
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MS

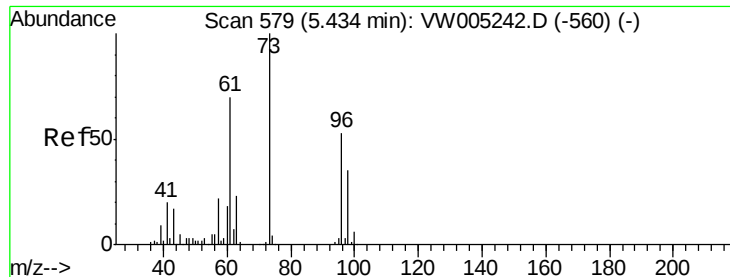
Tgt Ion: 76 Resp: 16069
Ion Ratio Lower Upper
76 100
78 10.6 7.5 11.3



#18
Methyl Acetate
Concen: 46.242 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion: 43 Resp: 1629
Ion Ratio Lower Upper
43 100
74 45.8 21.4 32.2#



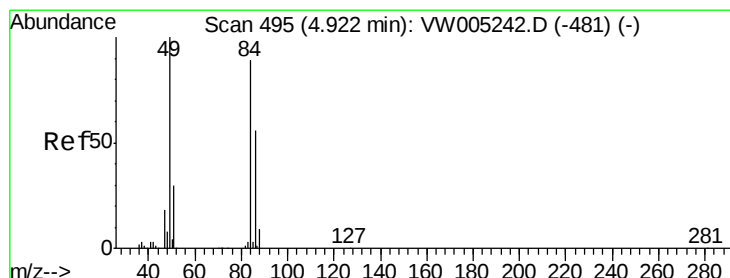
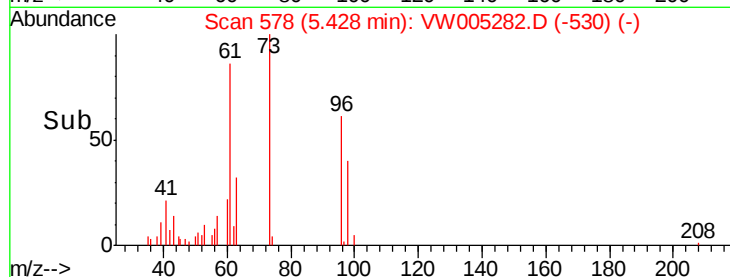
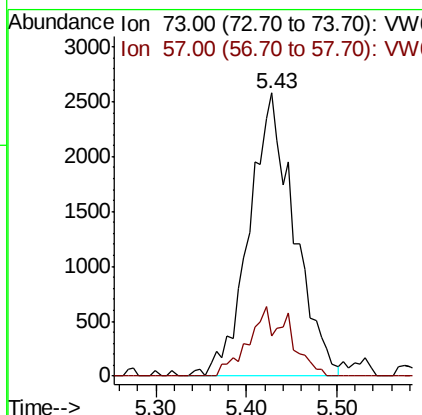
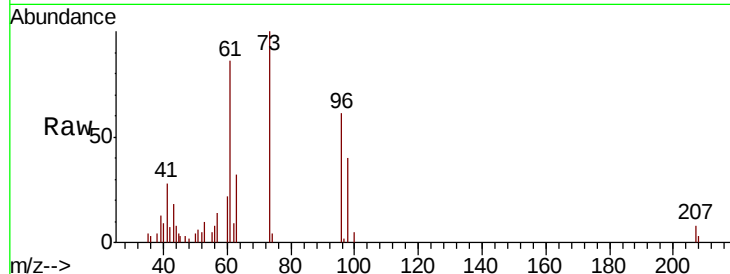


#19

Methyl tert-butyl Ether
 Concen: 55.826 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MS

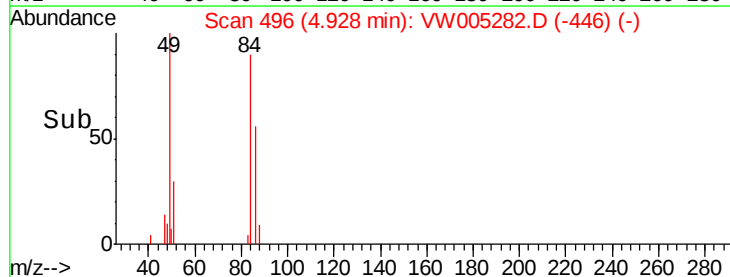
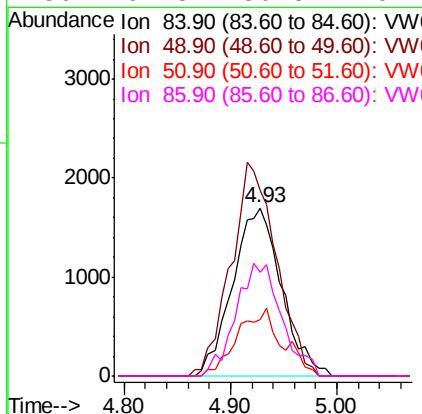
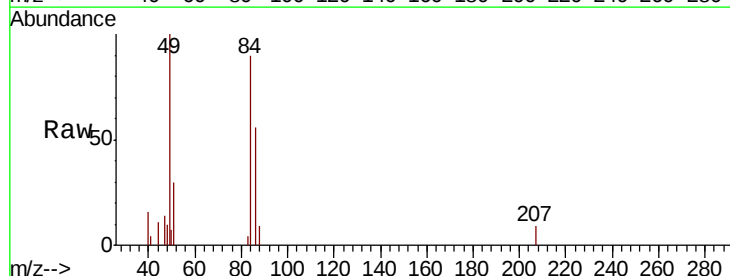
Tgt Ion: 73 Resp: 8928
 Ion Ratio Lower Upper
 73 100
 57 14.2 17.4 26.2#

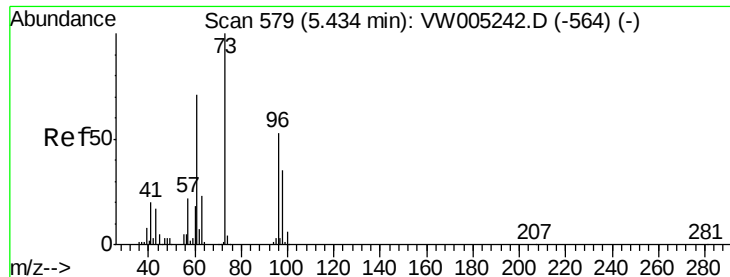


#20

Methylene Chloride
 Concen: 62.949 ug/l
 RT: 4.93 min Scan# 496
 Delta R.T. 0.01 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

Tgt Ion: 84 Resp: 5446
 Ion Ratio Lower Upper
 84 100
 49 110.6 90.3 135.5
 51 33.6 26.9 40.3
 86 61.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 71.776 ug/l

RT: 5.44 min Scan# 580

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

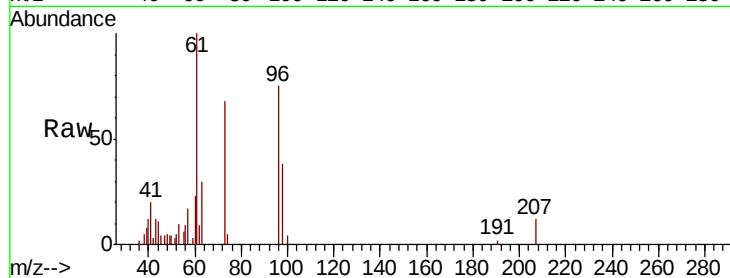
Tgt Ion: 96 Resp: 5627

Ion Ratio Lower Upper

96 100

61 132.9 105.7 158.5

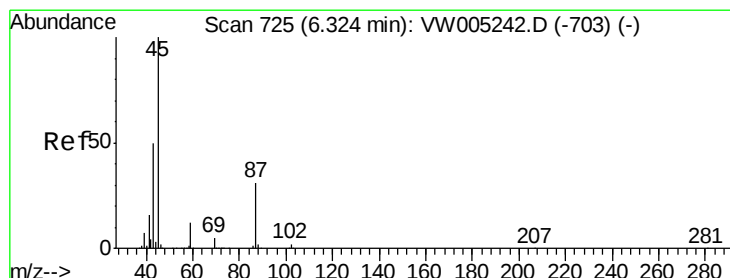
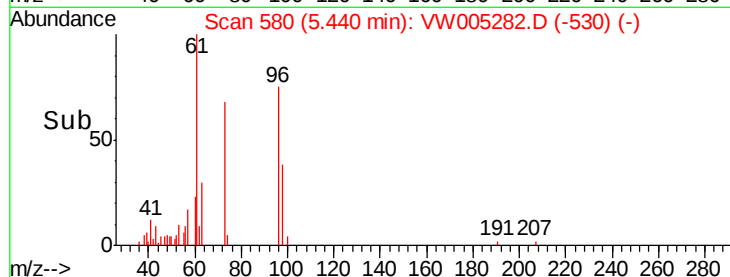
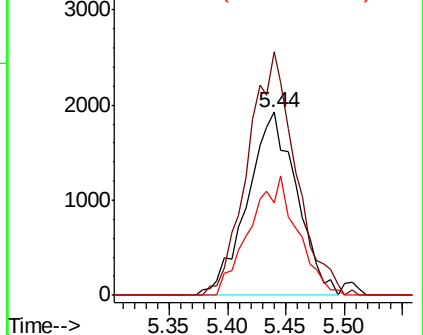
98 50.8 52.8 79.2#



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: 51.578 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Tgt Ion: 45 Resp: 10713

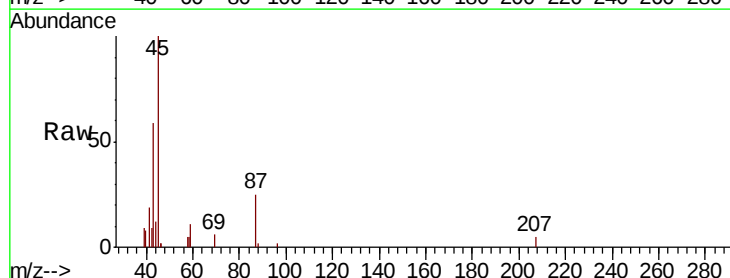
Ion Ratio Lower Upper

45 100

43 53.6 39.6 59.4

87 25.1 24.7 37.1

59 11.3 9.7 14.5

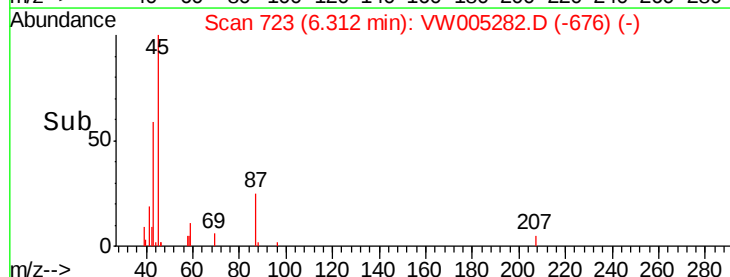
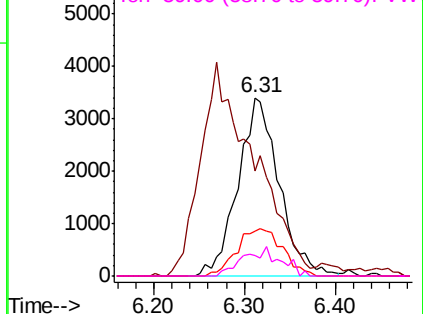


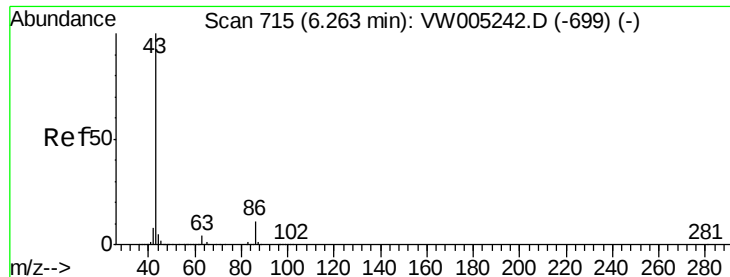
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 144.404 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

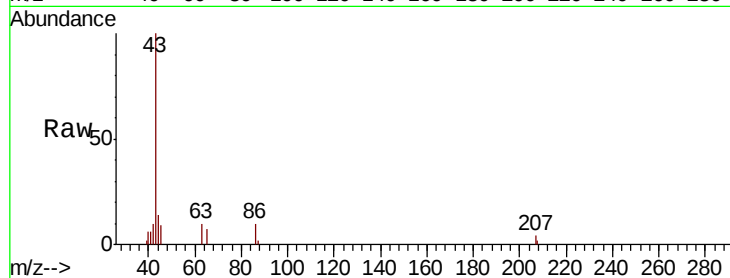
ENY-SB-02-61.0-61.5MS

Tgt Ion: 43 Resp: 16715

Ion Ratio Lower Upper

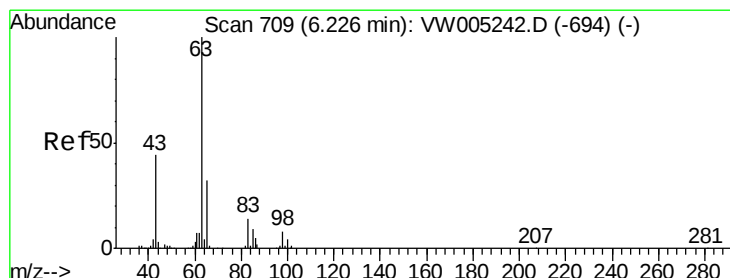
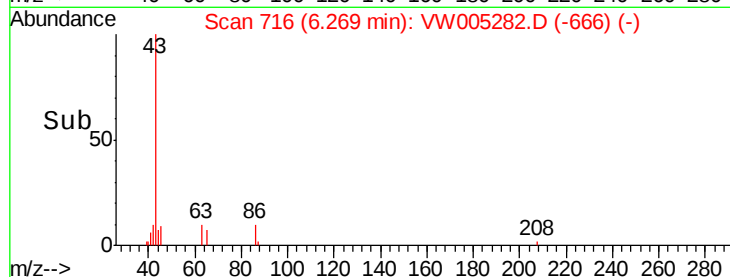
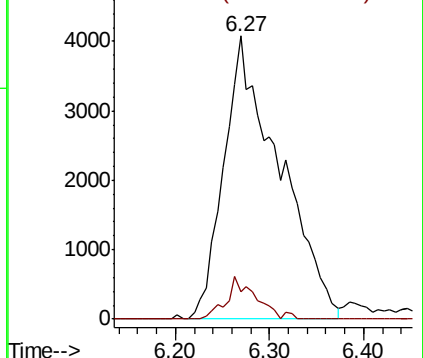
43 100

86 9.7 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 69.203 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

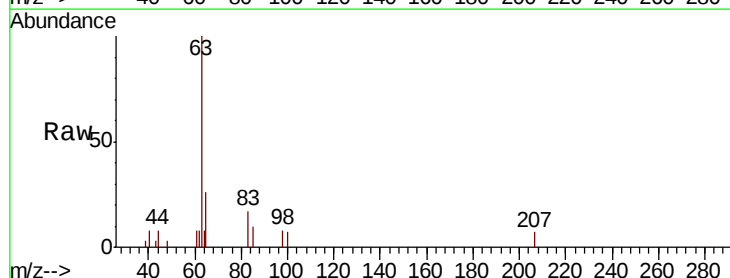
Tgt Ion: 63 Resp: 8848

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.4

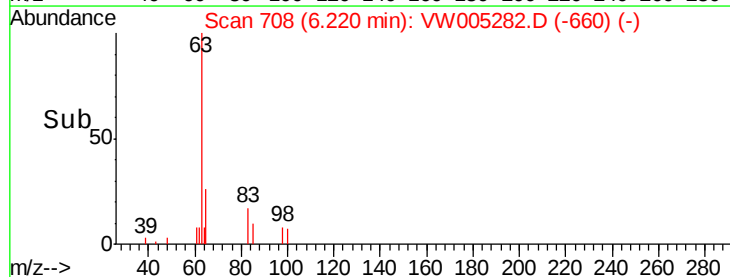
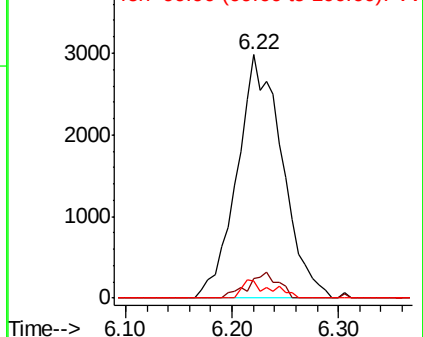
100 7.2 2.2 6.6#

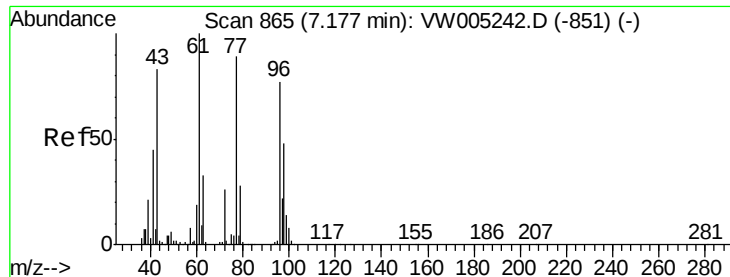


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 265.602 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

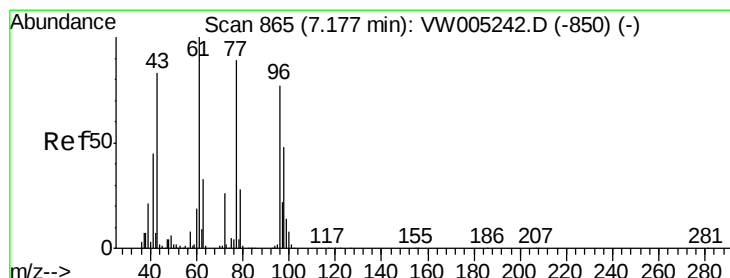
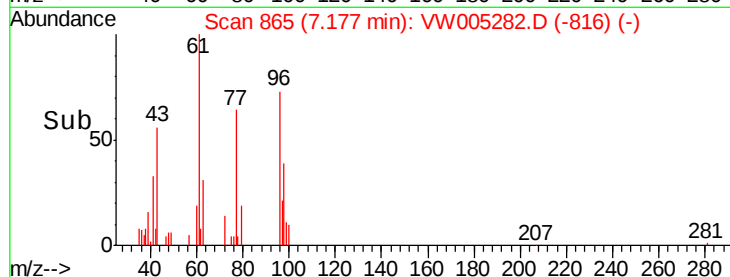
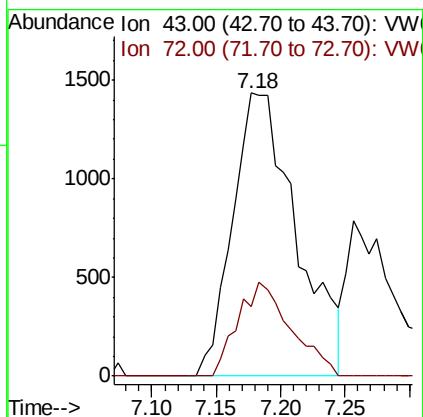
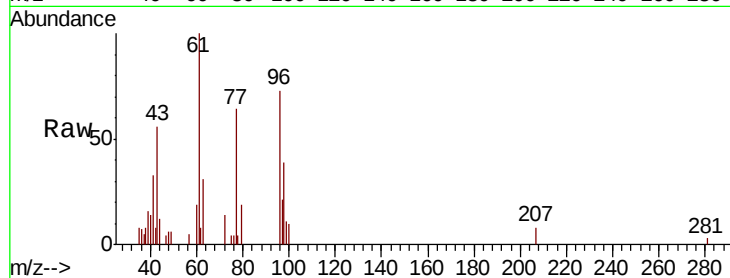
ENY-SB-02-61.0-61.5MS

Tgt Ion: 43 Resp: 4944

Ion Ratio Lower Upper

43 100

72 24.5 25.0 37.6#



#26

2,2-Dichloropropane

Concen: 41.722 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005282.D

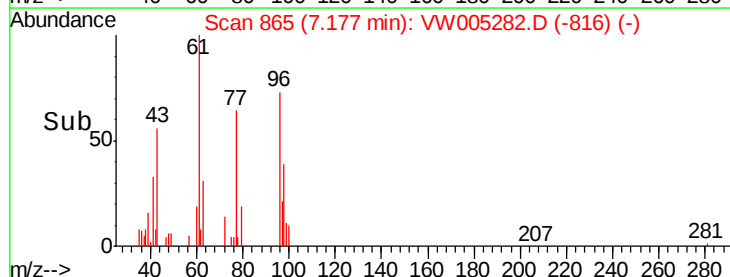
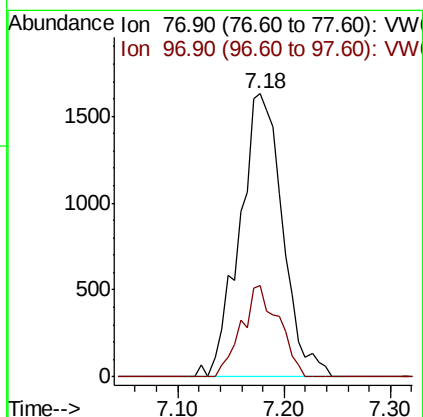
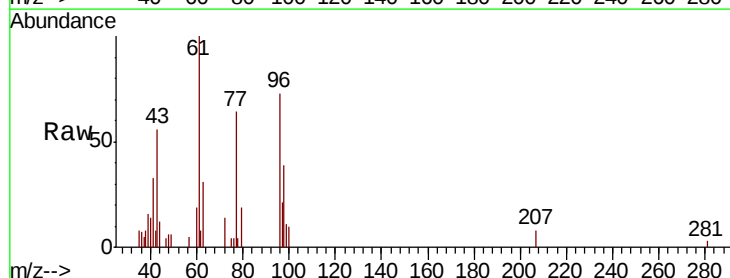
Acq: 11 Sep 2018 18:01

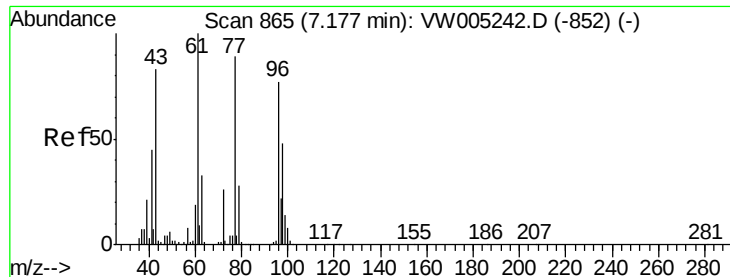
Tgt Ion: 77 Resp: 4625

Ion Ratio Lower Upper

77 100

97 28.0 12.2 36.6



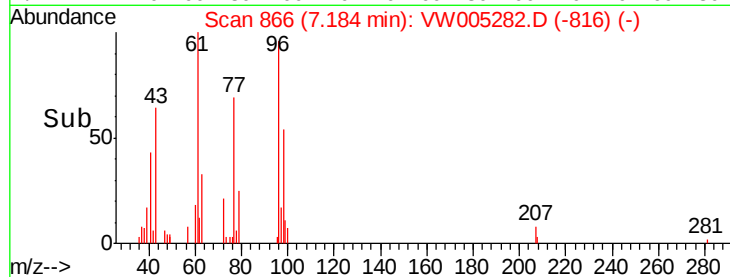
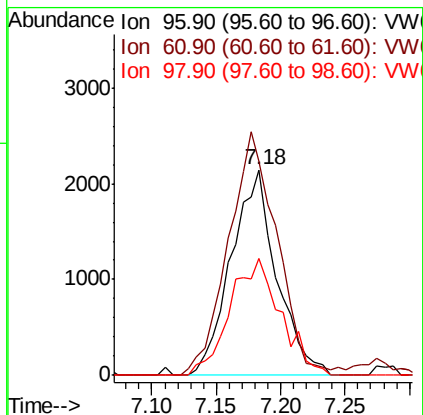
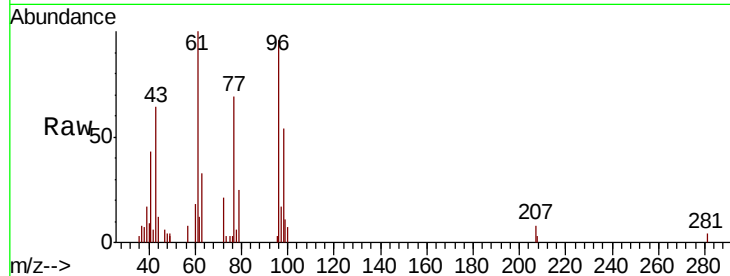


#27

cis-1,2-Dichloroethene
 Concen: 62.751 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MS

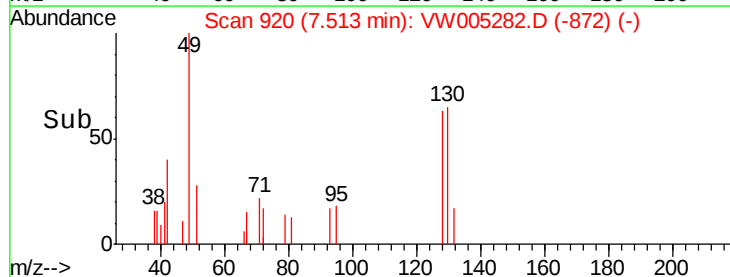
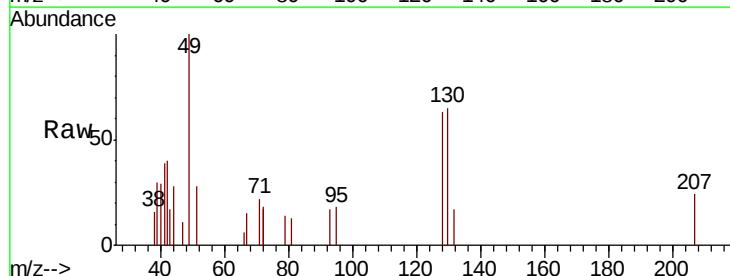
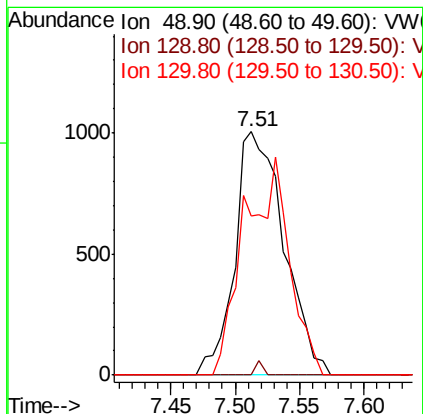
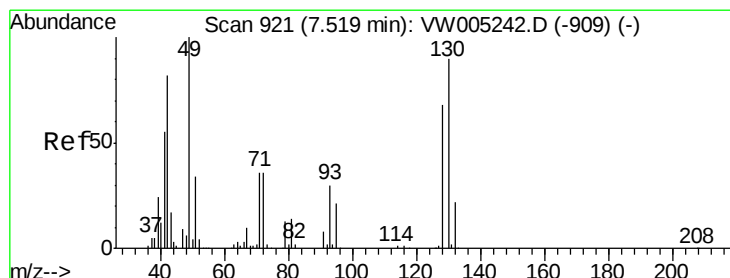
Tgt Ion: 96 Resp: 5265
 Ion Ratio Lower Upper
 96 100
 61 126.3 0.0 273.4
 98 63.3 0.0 127.8

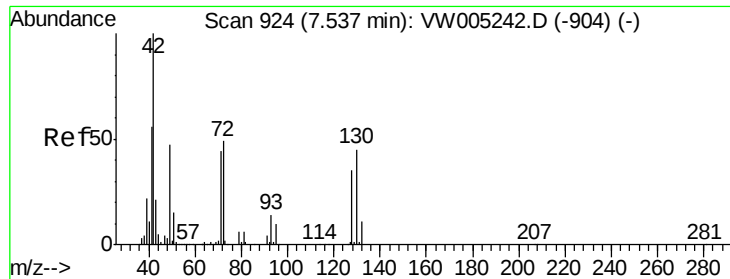


#28

Bromochloromethane
 Concen: 56.522 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

Tgt Ion: 49 Resp: 2666
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 2.0
 130 82.0 71.2 106.8

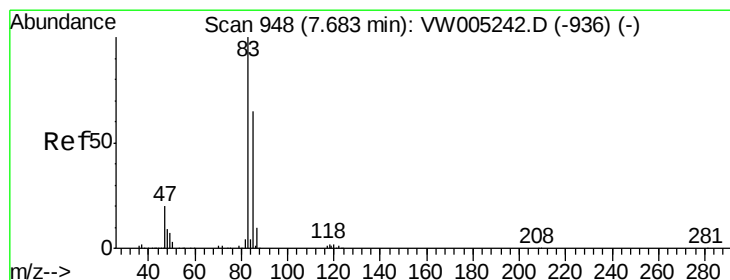
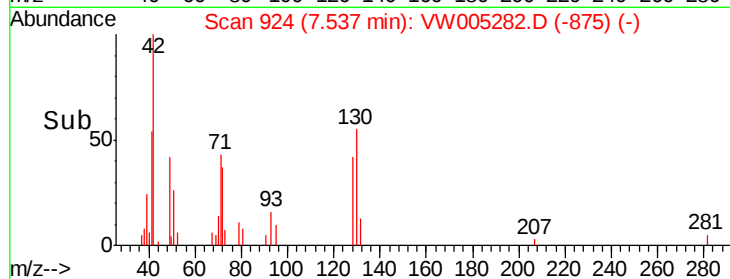
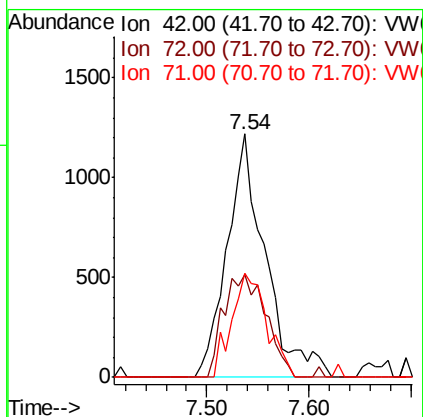
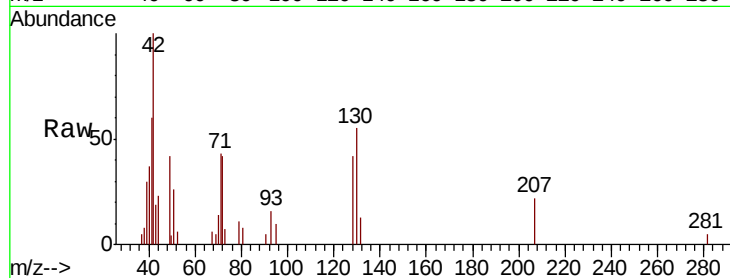




#29
Tetrahydrofuran
Concen: 253.186 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

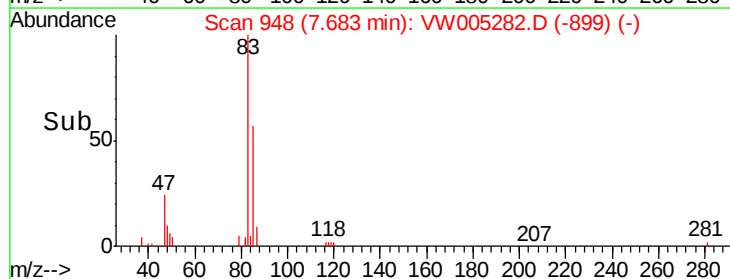
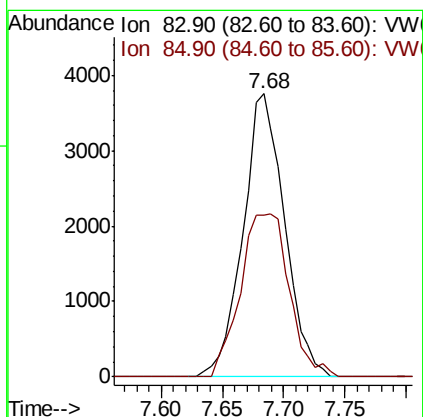
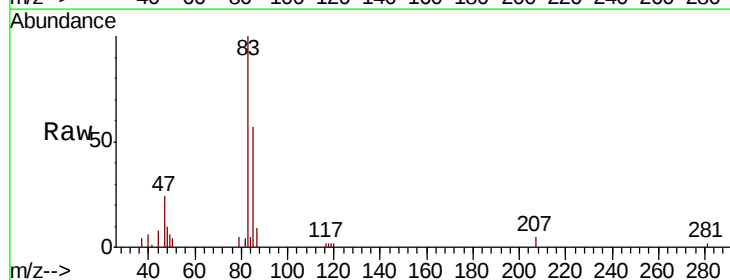
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MS

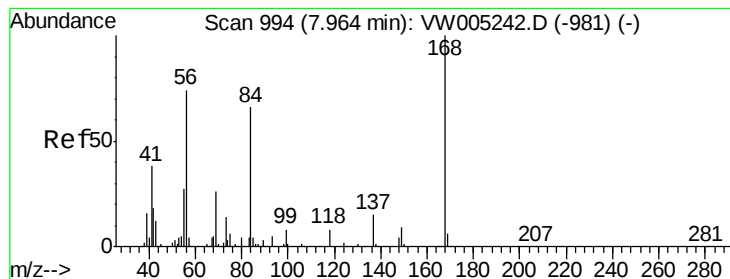
Tgt Ion: 42 Resp: 3176
Ion Ratio Lower Upper
42 100
72 46.9 37.5 56.3
71 39.4 34.8 52.2



#30
Chloroform
Concen: 69.122 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion: 83 Resp: 8869
Ion Ratio Lower Upper
83 100
85 57.4 51.7 77.5





#31

Cyclohexane

Concen: 62.979 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

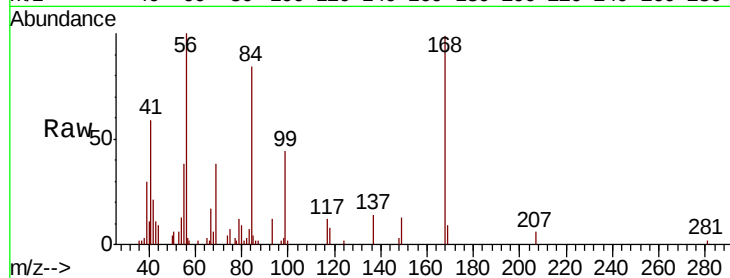
Tgt Ion: 56 Resp: 8568

Ion Ratio Lower Upper

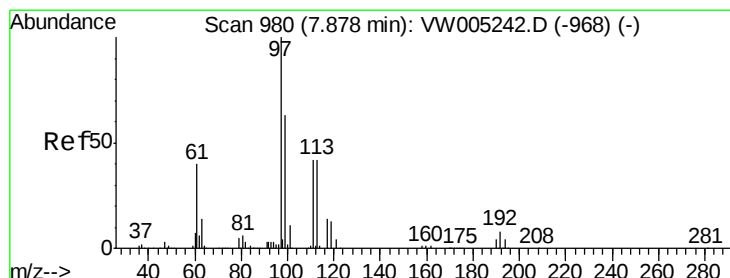
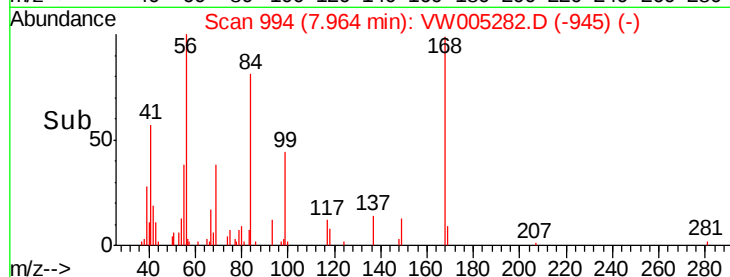
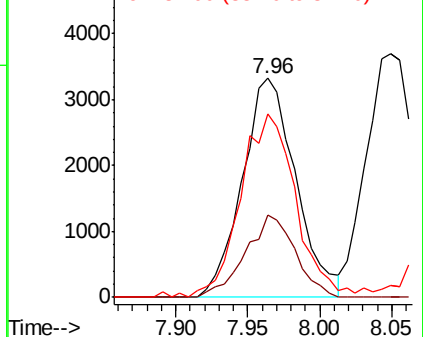
56 100

69 37.5 27.8 41.8

84 83.7 72.1 108.1



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



#32

1,1,1-Trichloroethane

Concen: 72.691 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

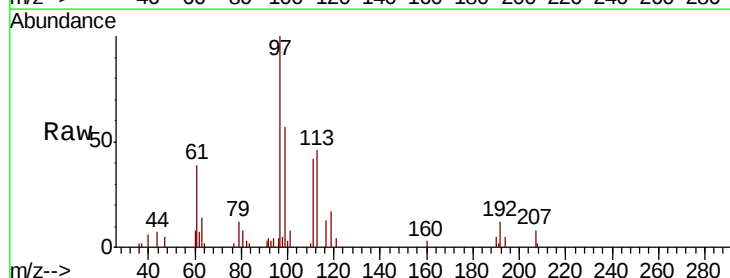
Tgt Ion: 97 Resp: 8426

Ion Ratio Lower Upper

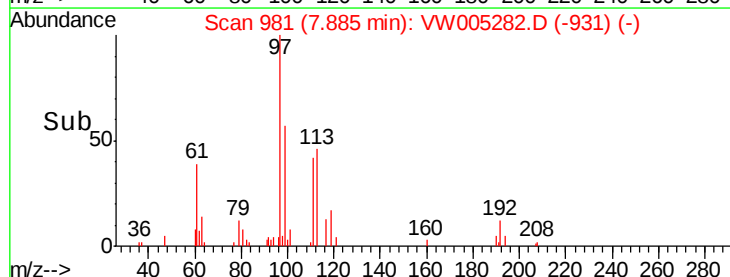
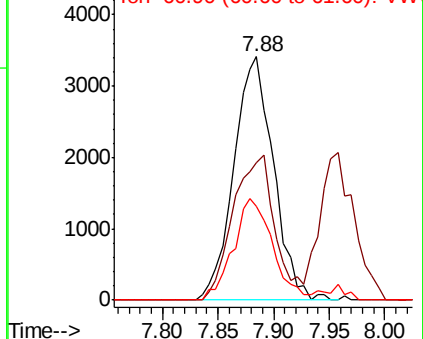
97 100

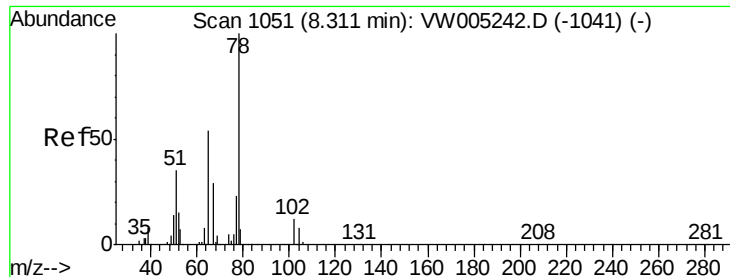
99 63.1 51.5 77.3

61 41.4 32.5 48.7



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





#33

1,2-Dichloroethane-d4

Concen: 57.993 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

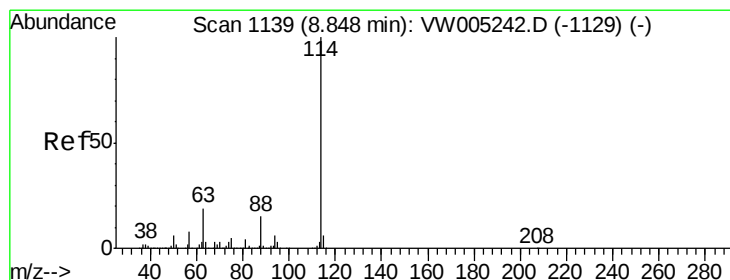
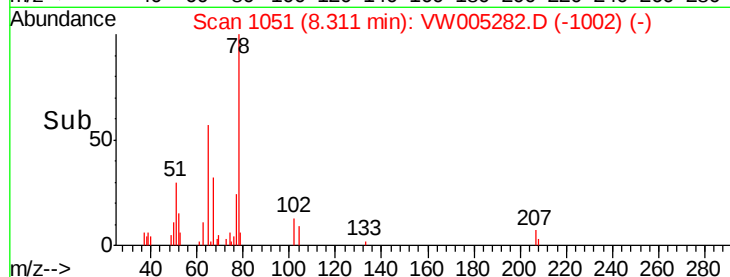
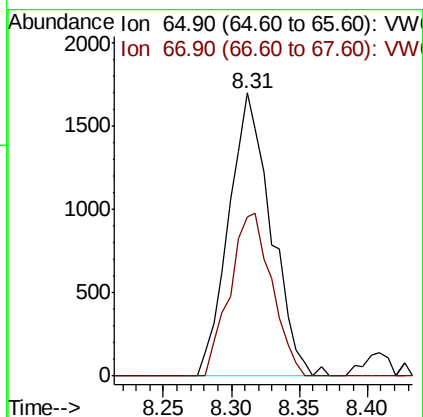
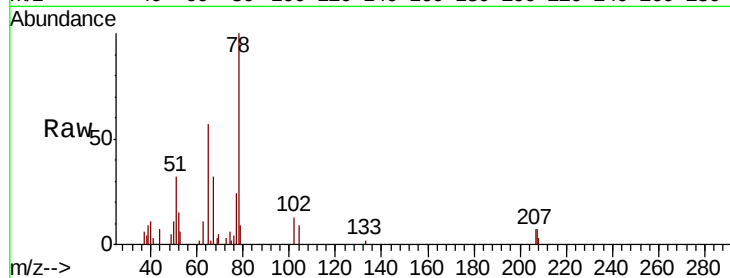
ENY-SB-02-61.0-61.5MS

Tgt Ion: 65 Resp: 3687

Ion Ratio Lower Upper

65 100

67 56.7 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

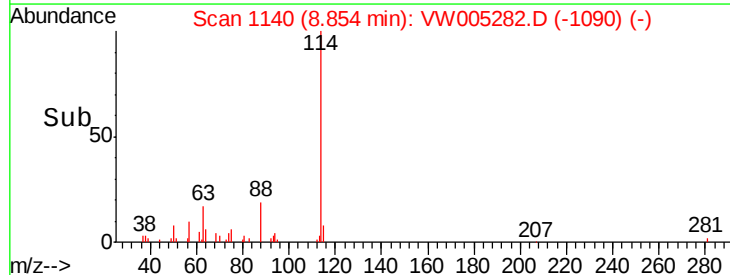
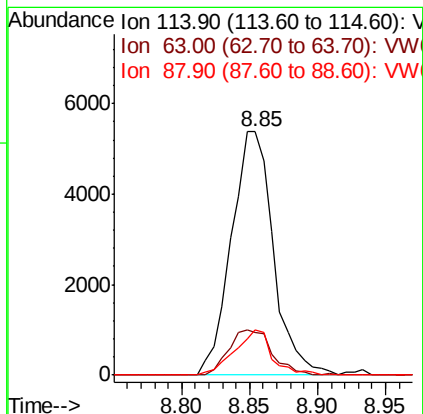
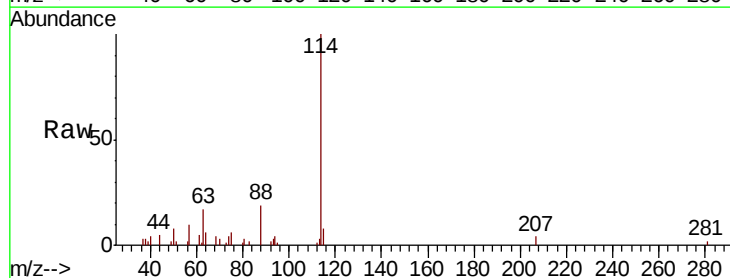
Tgt Ion: 114 Resp: 11601

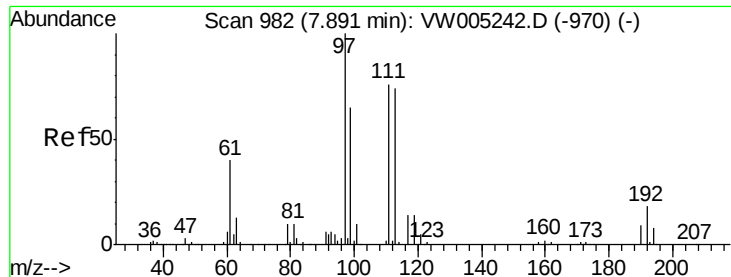
Ion Ratio Lower Upper

114 100

63 17.5 0.0 37.0

88 18.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 70.495 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

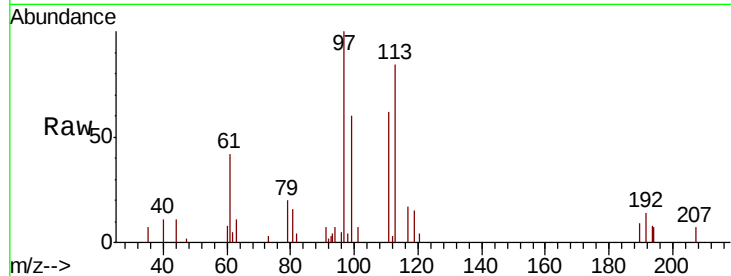
Tgt Ion:113 Resp: 4284

Ion Ratio Lower Upper

113 100

111 88.2 80.6 121.0

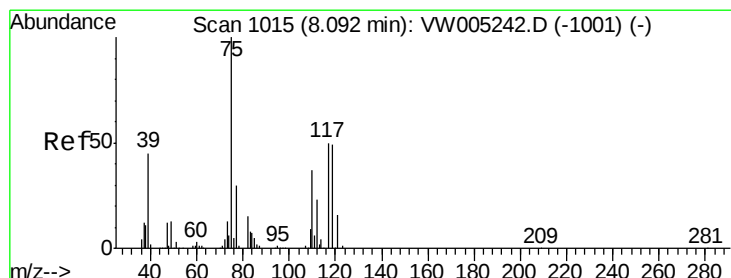
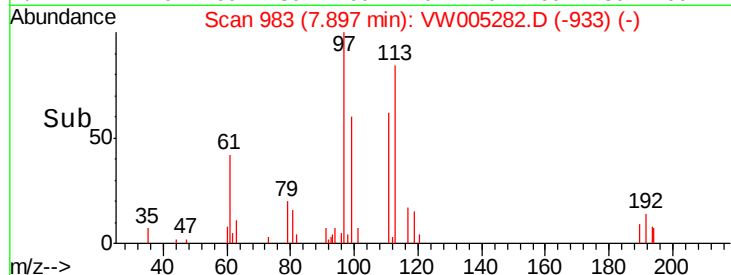
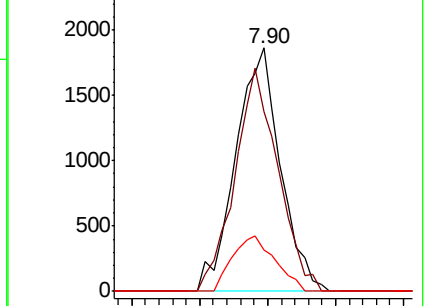
192 21.6 18.3 27.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 63.133 ug/l

RT: 8.10 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

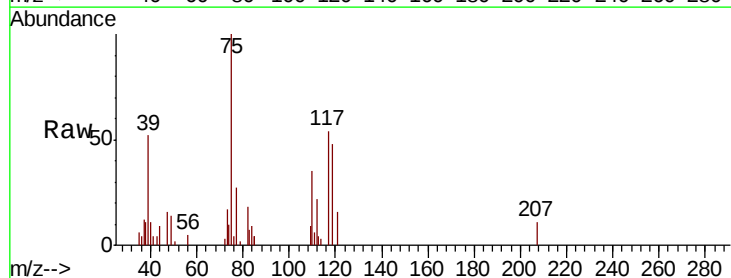
Tgt Ion: 75 Resp: 6710

Ion Ratio Lower Upper

75 100

110 34.7 18.8 56.4

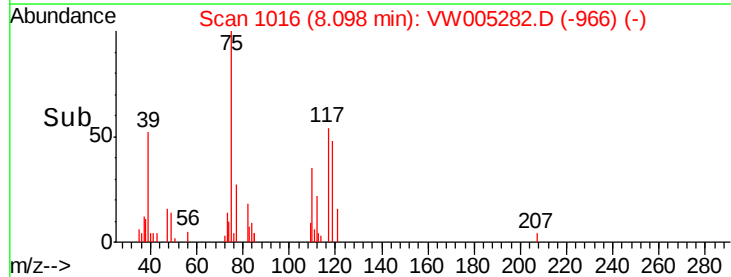
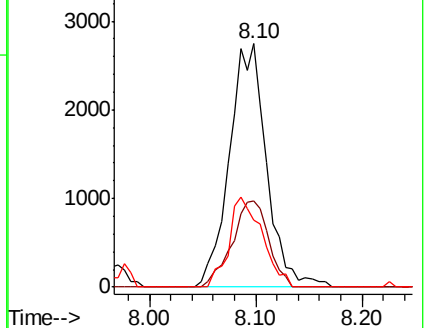
77 33.2 24.9 37.3

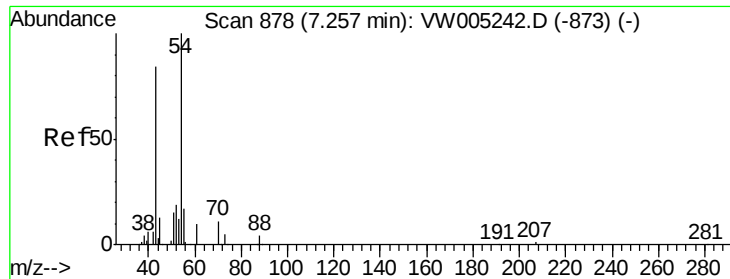


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

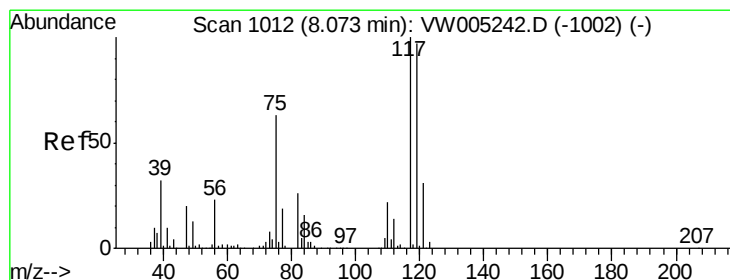
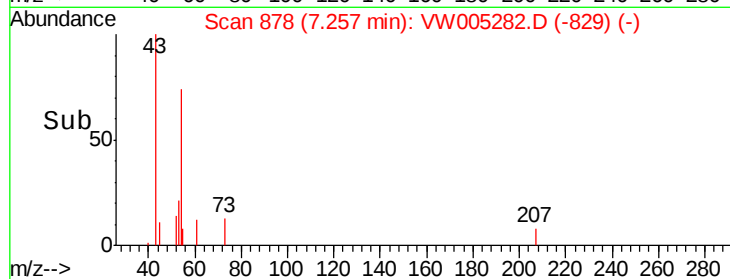
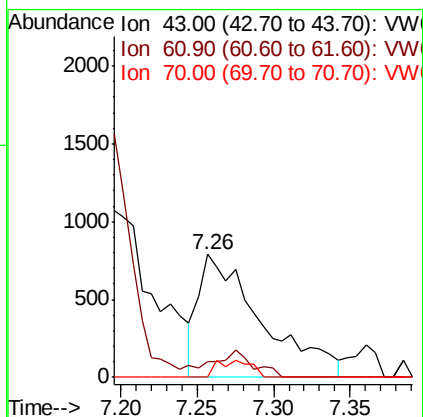
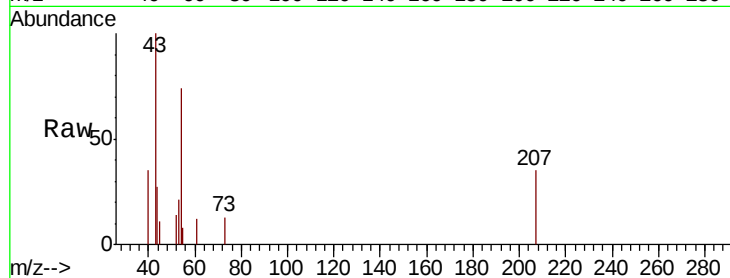




#37
Ethyl Acetate
Concen: 55.384 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

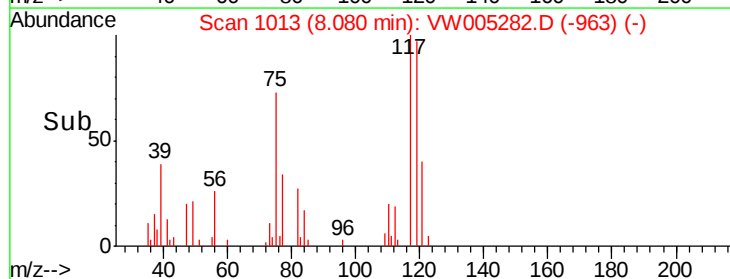
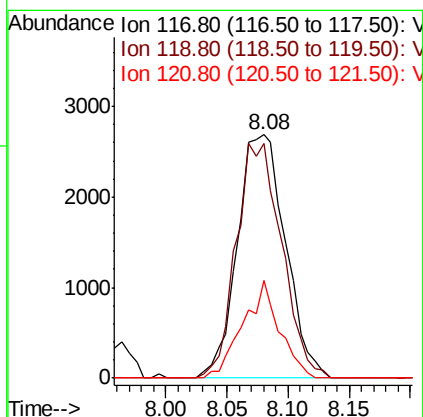
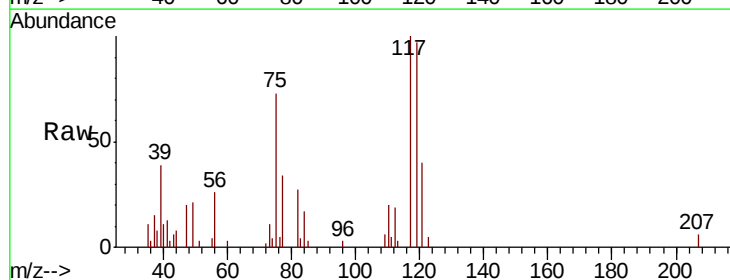
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MS

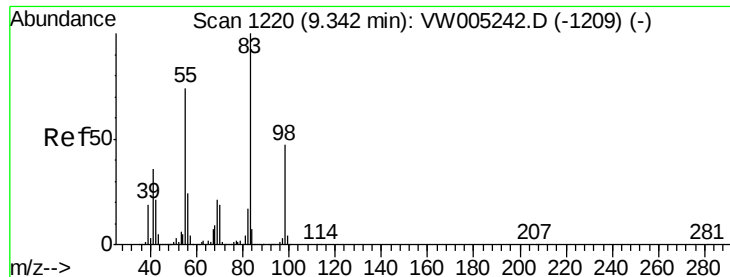
Tgt Ion: 43 Resp: 2239
Ion Ratio Lower Upper
43 100
61 12.9 12.3 18.5
70 7.4 9.5 14.3#



#38
Carbon Tetrachloride
Concen: 73.713 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion: 117 Resp: 7339
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3
121 40.1 24.7 37.1#

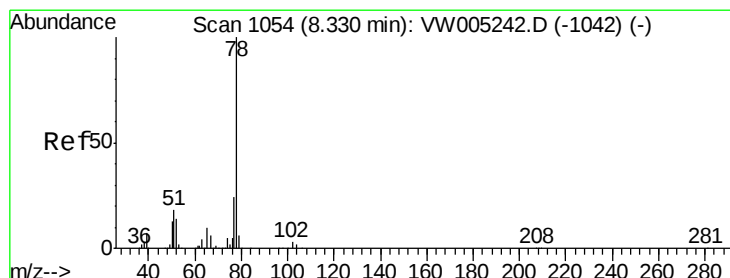
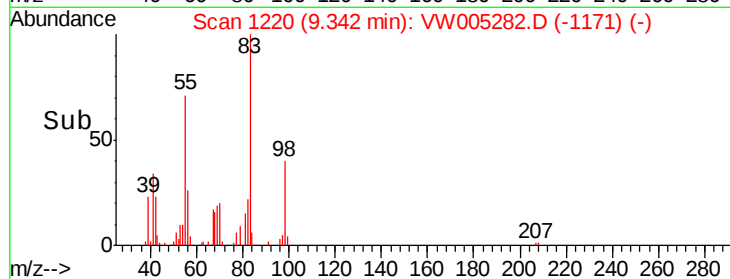
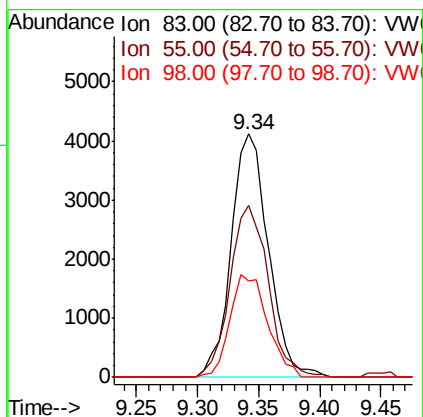
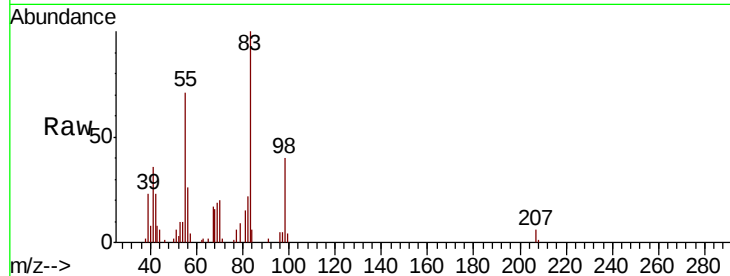




#39
Methylcyclohexane
Concen: 61.425 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

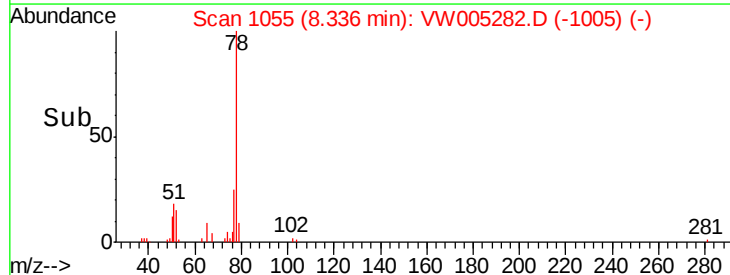
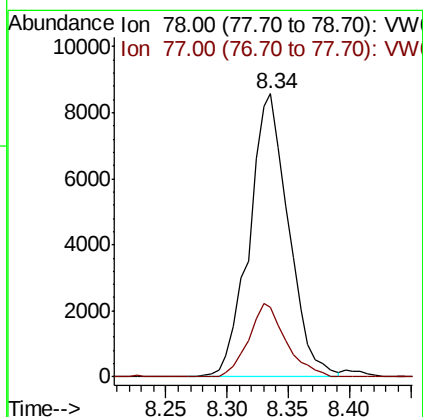
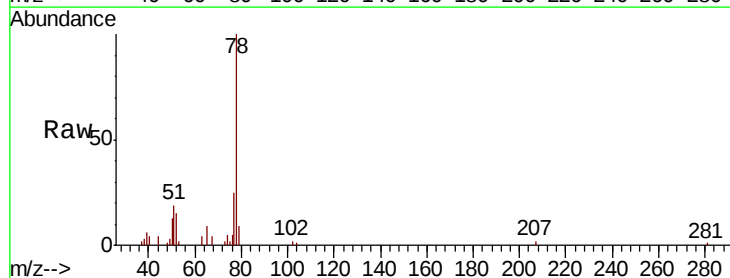
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MS

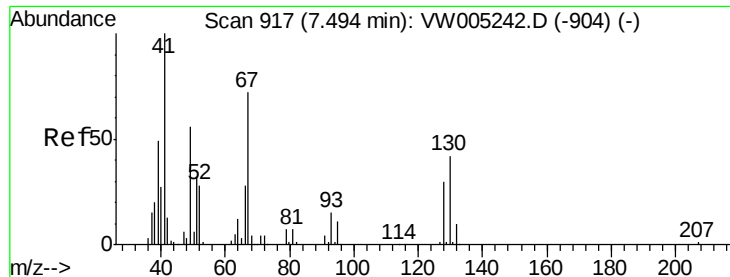
Tgt Ion: 83 Resp: 8668
Ion Ratio Lower Upper
83 100
55 70.8 58.9 88.3
98 39.6 37.6 56.4



#40
Benzene
Concen: 61.046 ug/l
RT: 8.34 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion: 78 Resp: 19115
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3

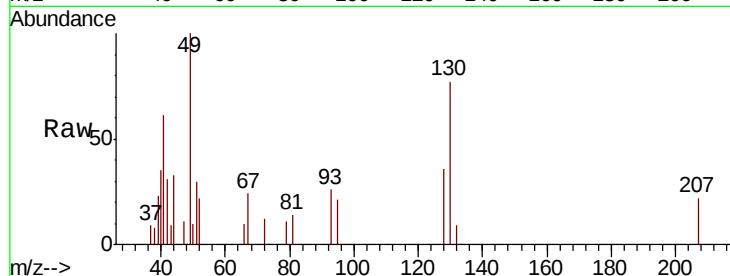




#41
Methacrylonitrile
Concen: 70.104 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MS

Tgt Ion:	41	Resp:	1454
Ion	Ratio	Lower	Upper
41	100		
39	28.7	39.9	59.9#
67	65.7	65.7	98.5
52	30.7	25.1	37.7



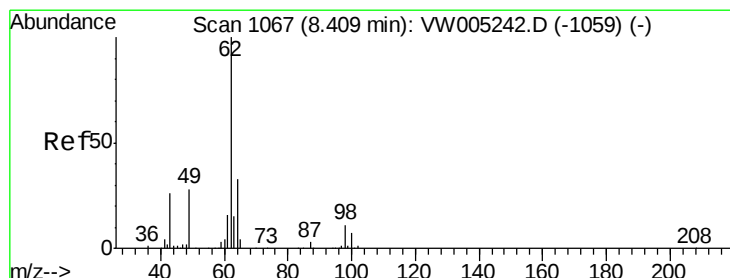
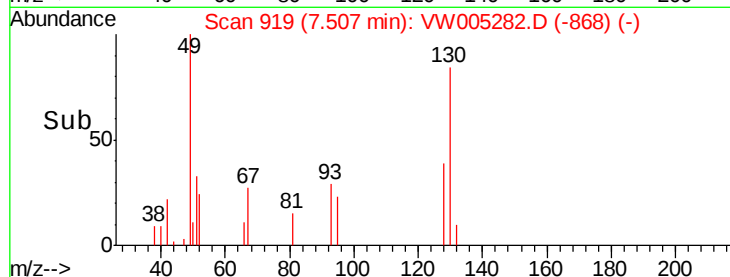
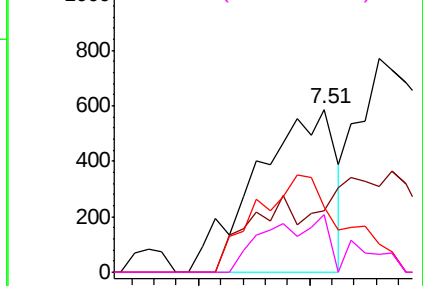
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

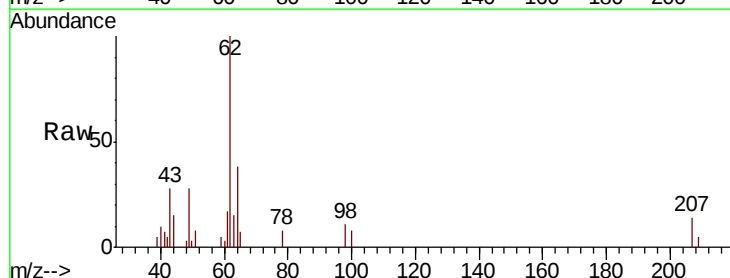
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 61.233 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

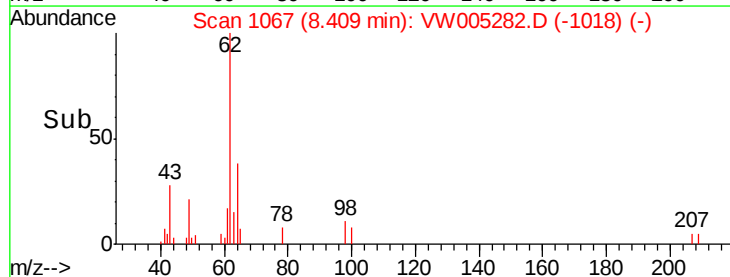
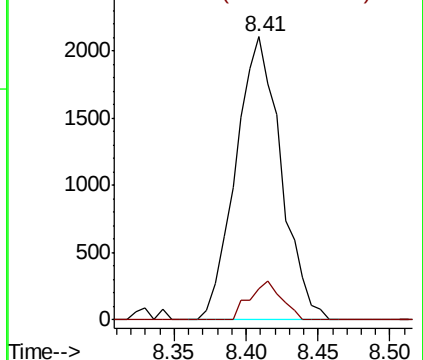
Tgt Ion:	62	Resp:	4587
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	22.0

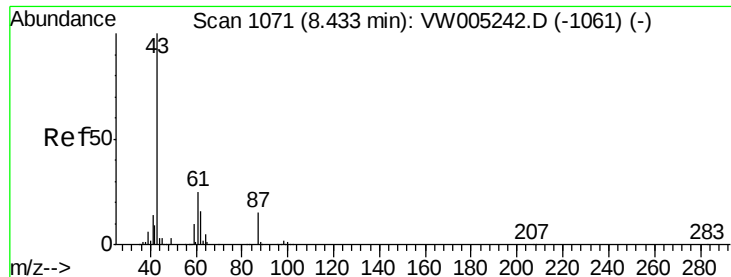


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

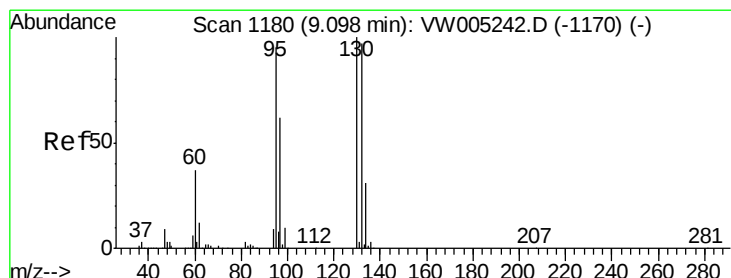
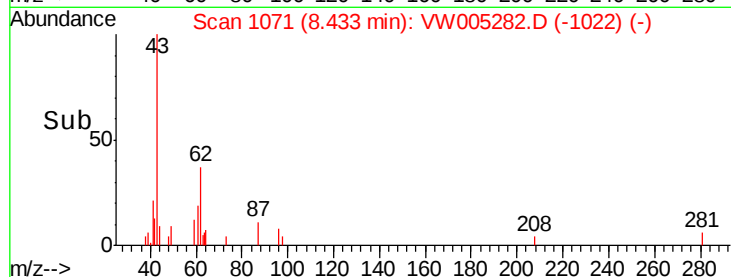
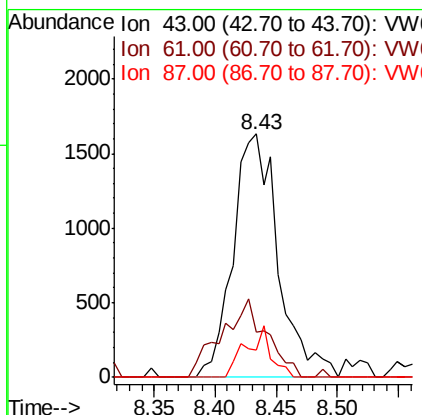
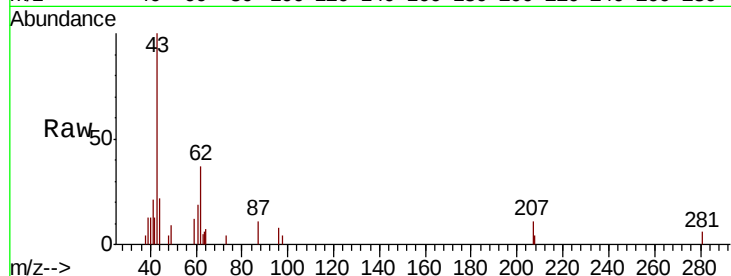




#43
Isopropyl Acetate
Concen: 55.706 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

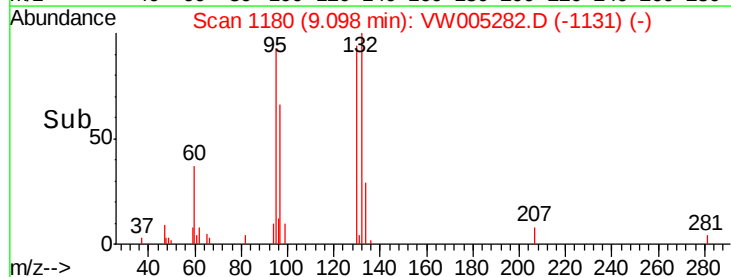
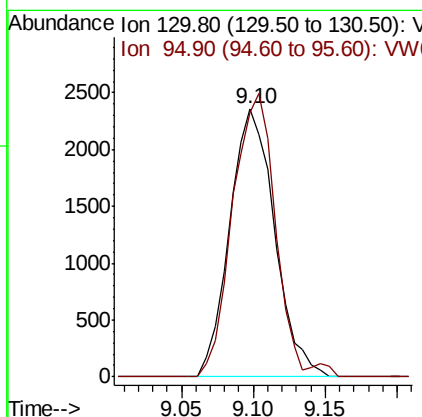
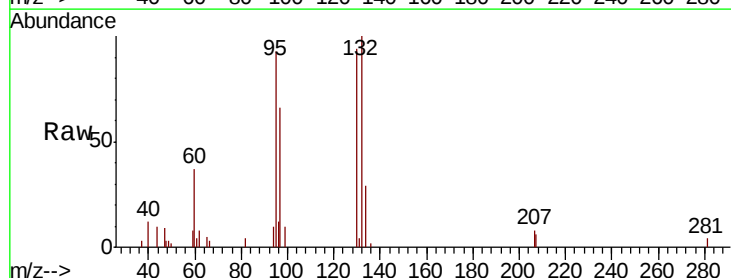
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MS

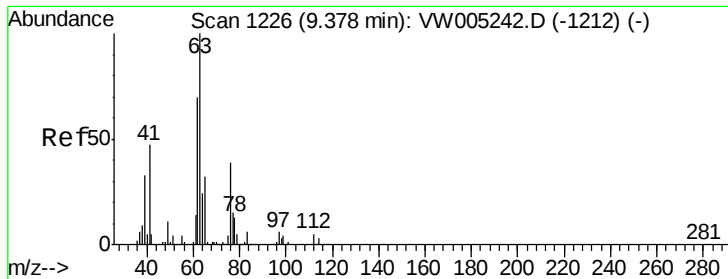
Tgt Ion: 43 Resp: 4182
Ion Ratio Lower Upper
43 100
61 31.9 25.4 38.0
87 11.6 11.9 17.9#



#44
Trichloroethene
Concen: 59.707 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion: 130 Resp: 5129
Ion Ratio Lower Upper
130 100
95 98.5 0.0 189.6





#45

1,2-Dichloropropane

Concen: 59.577 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

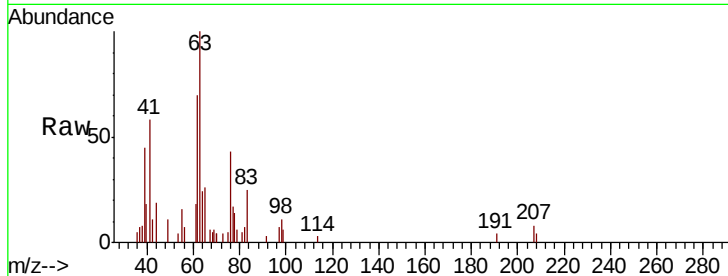
ENY-SB-02-61.0-61.5MS

Tgt Ion: 63 Resp: 4484

Ion Ratio Lower Upper

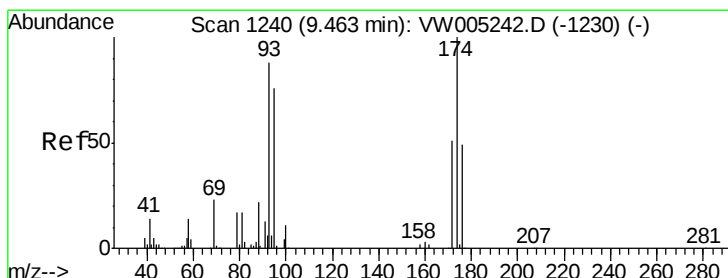
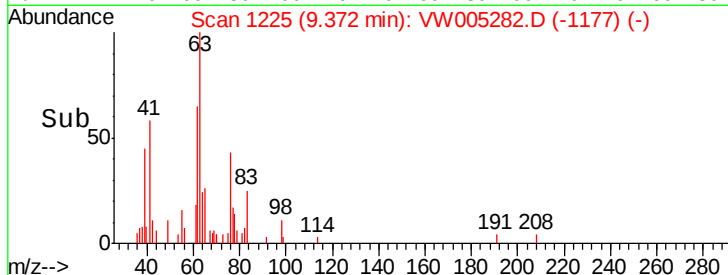
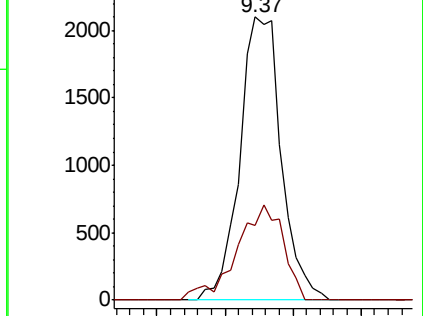
63 100

65 26.3 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 53.582 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

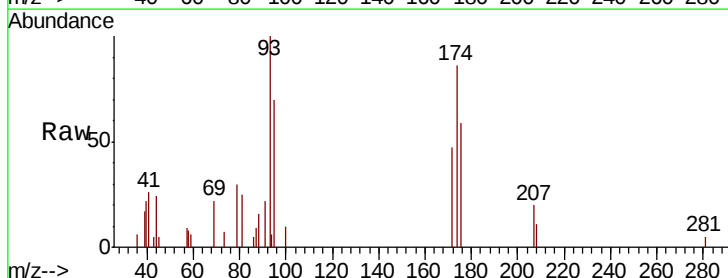
Tgt Ion: 93 Resp: 1974

Ion Ratio Lower Upper

93 100

95 84.5 67.0 100.4

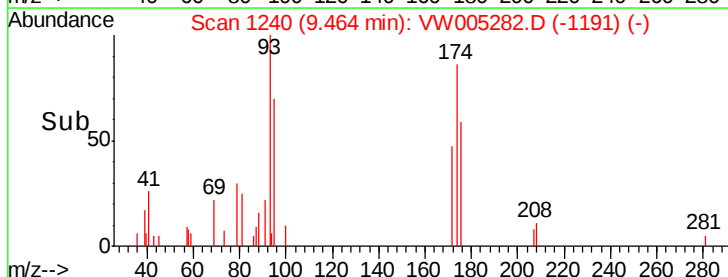
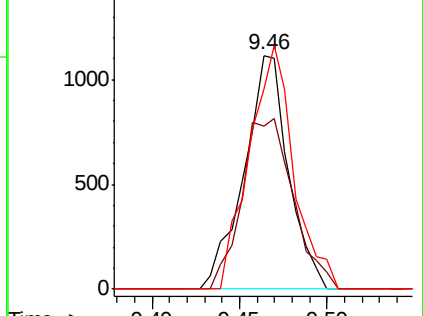
174 103.9 92.2 138.2

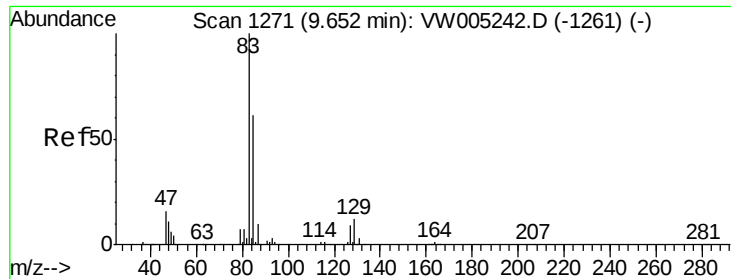


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.413 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

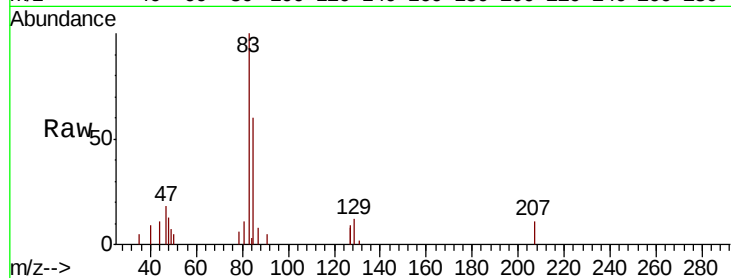
Tgt Ion: 83 Resp: 5084

Ion Ratio Lower Upper

83 100

85 59.5 49.0 73.6

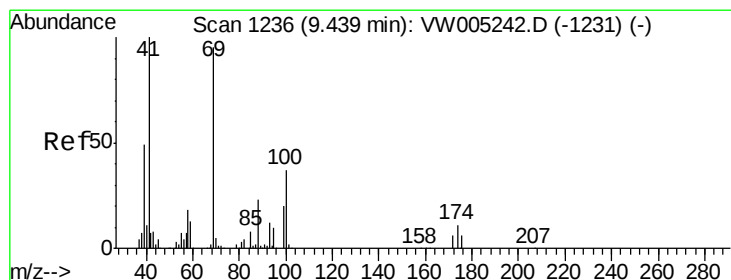
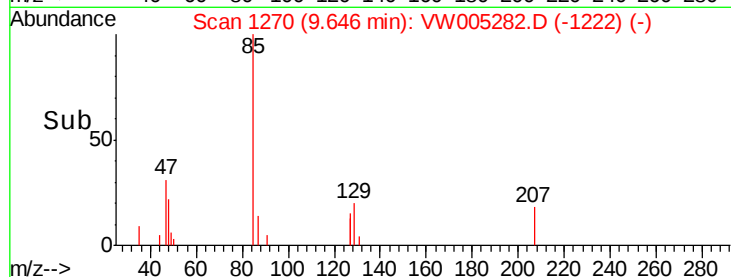
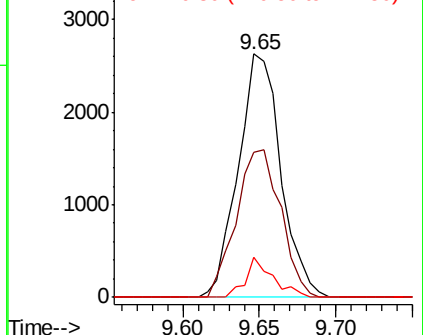
127 16.5 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 35.736 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

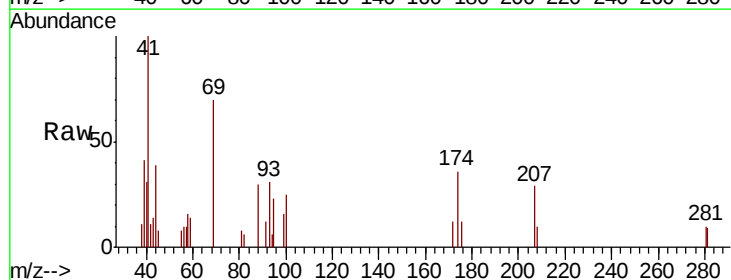
Tgt Ion: 41 Resp: 1393

Ion Ratio Lower Upper

41 100

69 93.3 74.6 112.0

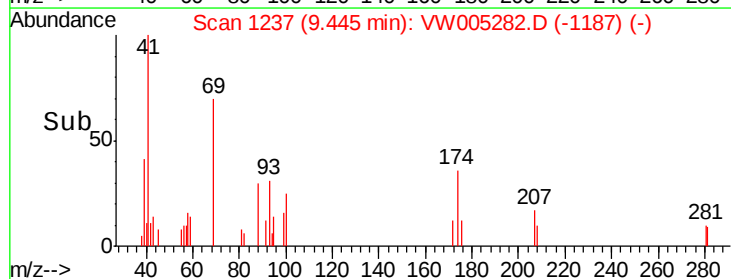
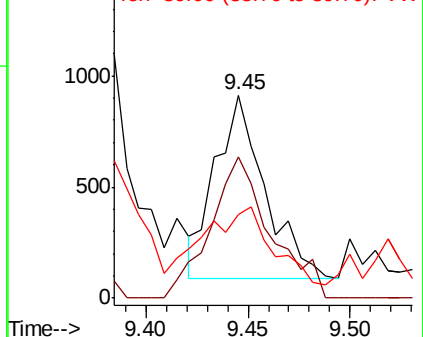
39 55.3 36.7 55.1#

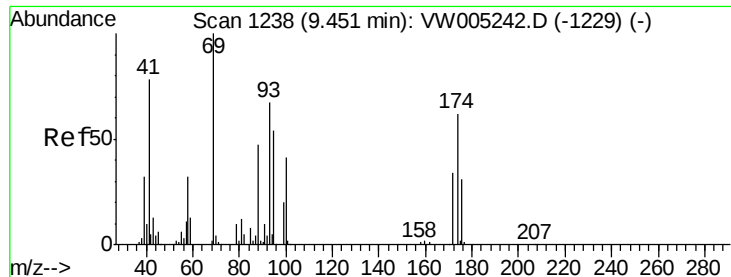


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 758.907 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

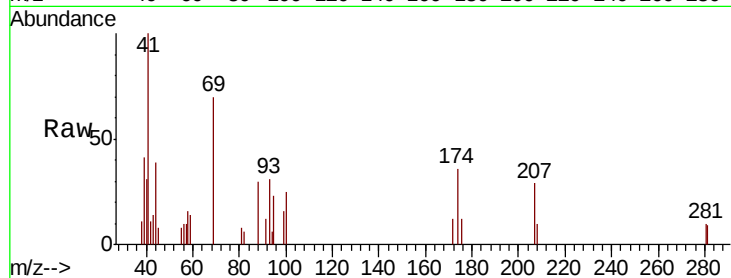
Tgt Ion: 88 Resp: 522

Ion Ratio Lower Upper

88 100

43 43.9 22.7 34.1#

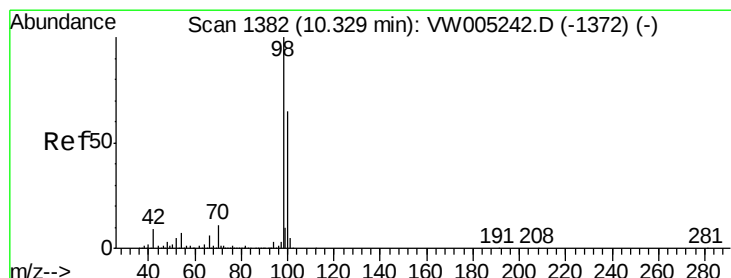
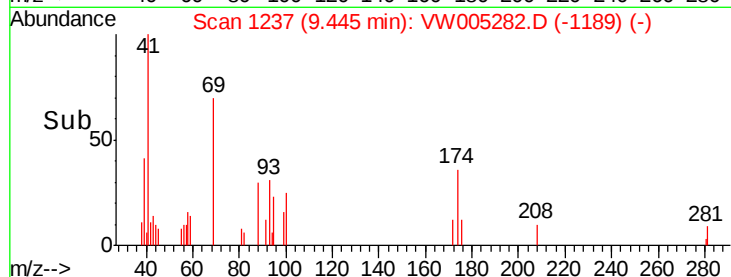
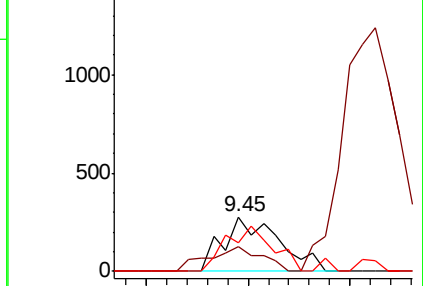
58 69.9 56.6 85.0



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: 46.173 ug/l

RT: 10.34 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VW005282.D

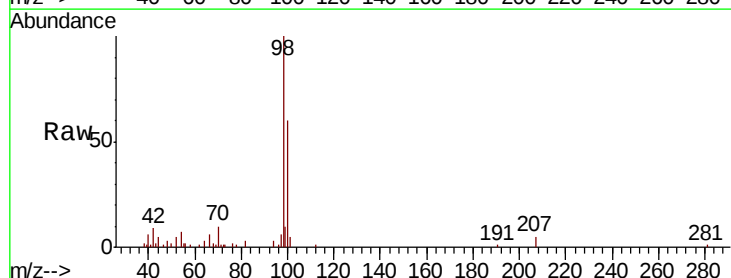
Acq: 11 Sep 2018 18:01

Tgt Ion: 98 Resp: 14179

Ion Ratio Lower Upper

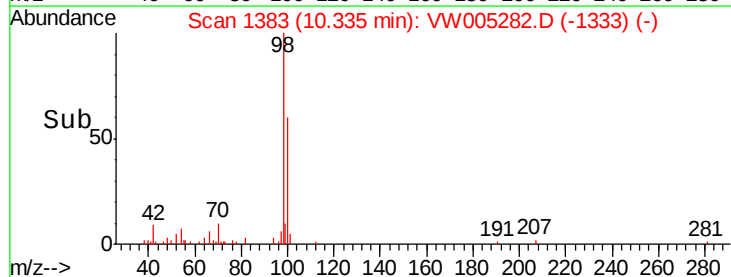
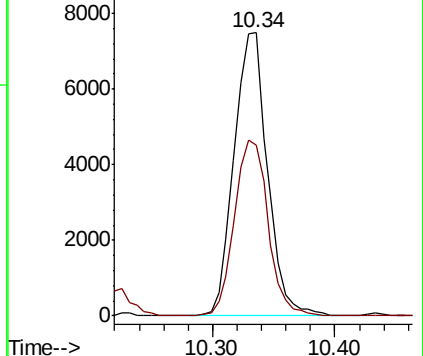
98 100

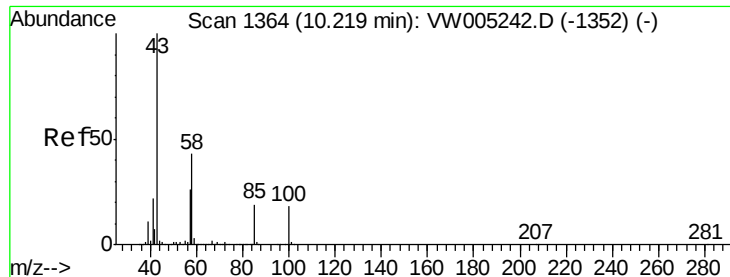
100 62.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

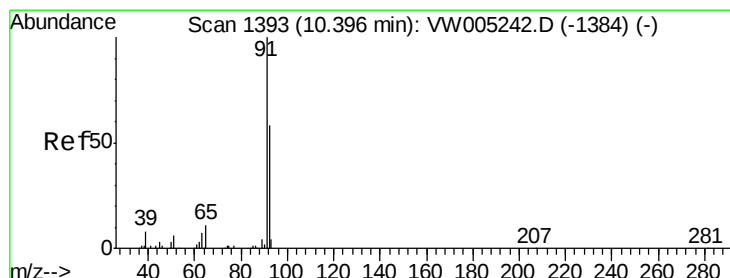
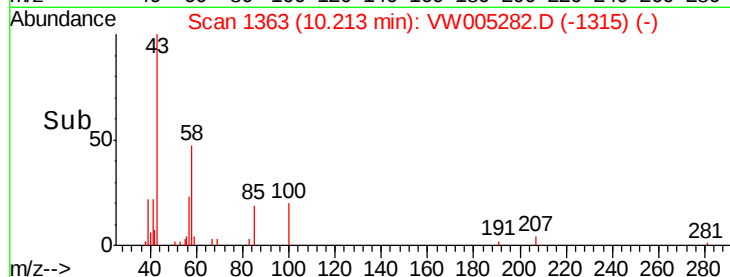
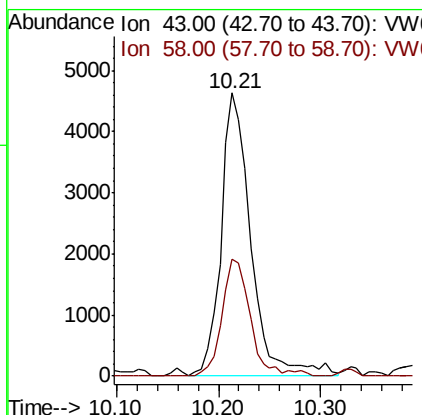
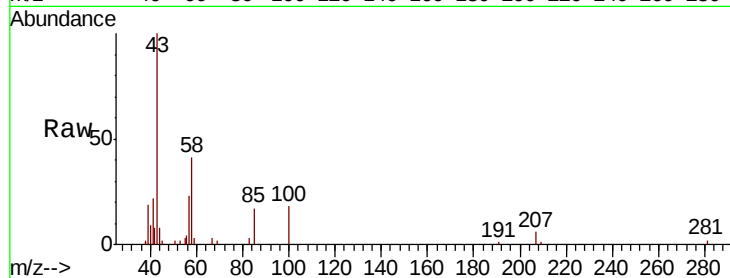




#51
4-Methyl-2-Pentanone
Concen: 222.621 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

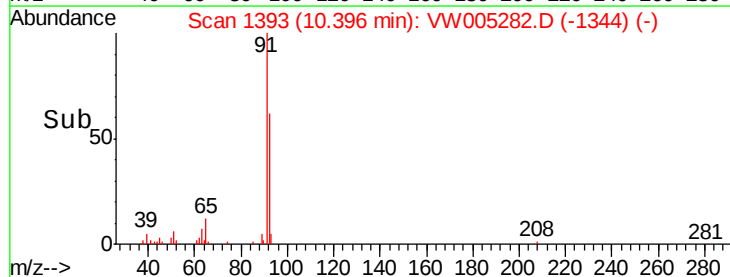
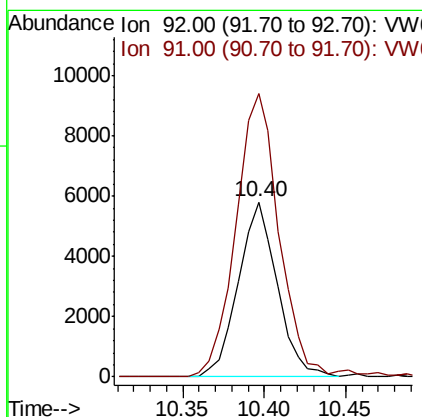
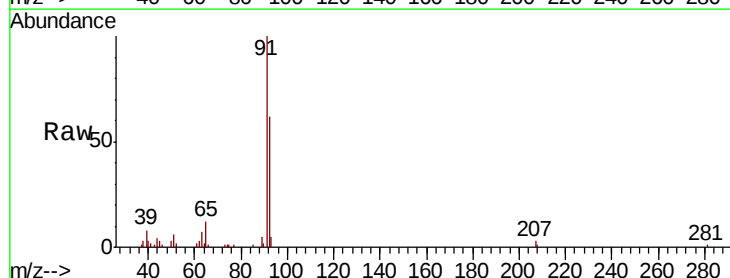
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MS

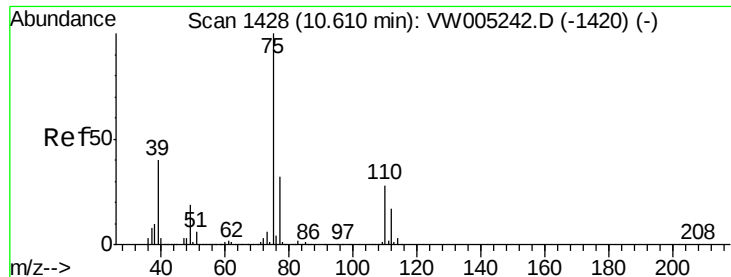
Tgt Ion: 43 Resp: 9405
Ion Ratio Lower Upper
43 100
58 38.6 33.8 50.6



#52
Toluene
Concen: 42.469 ug/l
RT: 10.40 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion: 92 Resp: 9665
Ion Ratio Lower Upper
92 100
91 178.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 22.496 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

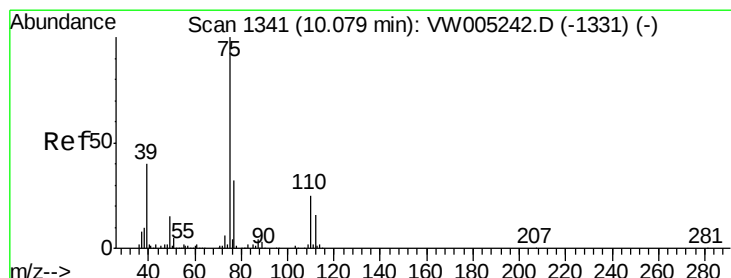
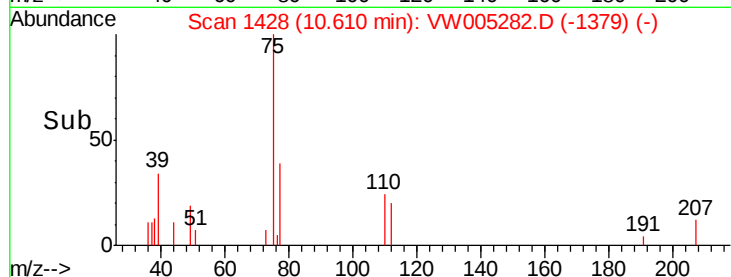
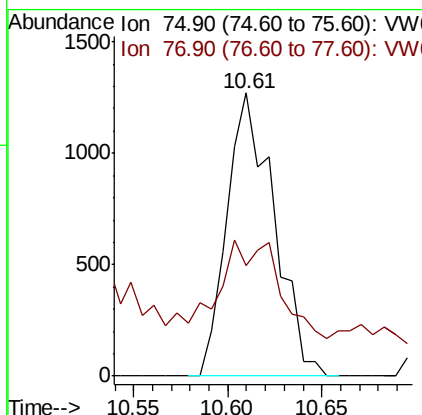
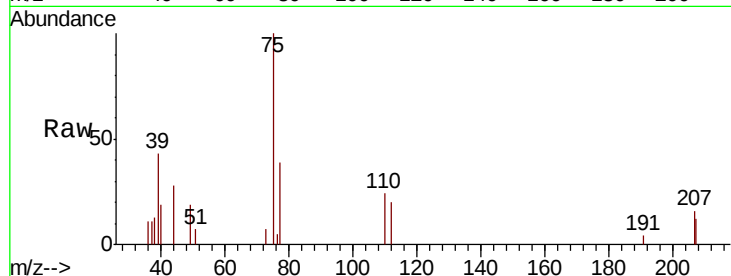
ENY-SB-02-61.0-61.5MS

Tgt Ion: 75 Resp: 2191

Ion Ratio Lower Upper

75 100

77 23.1 25.8 38.8#



#54

cis-1,3-Dichloropropene

Concen: 29.991 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

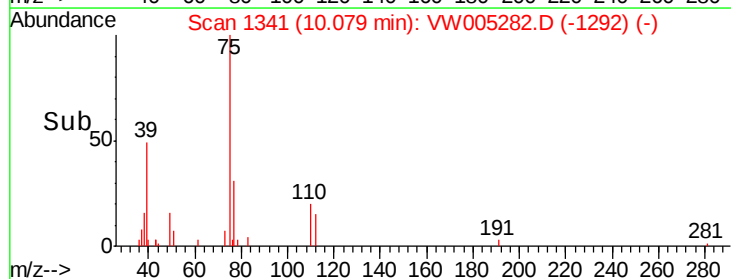
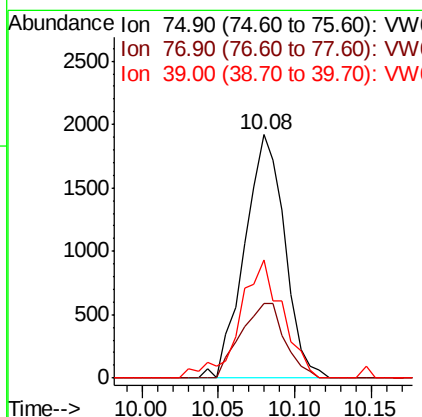
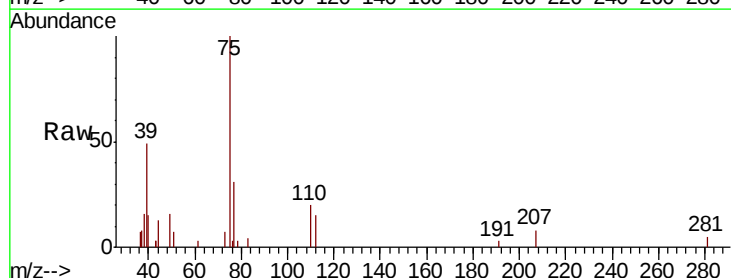
Tgt Ion: 75 Resp: 3498

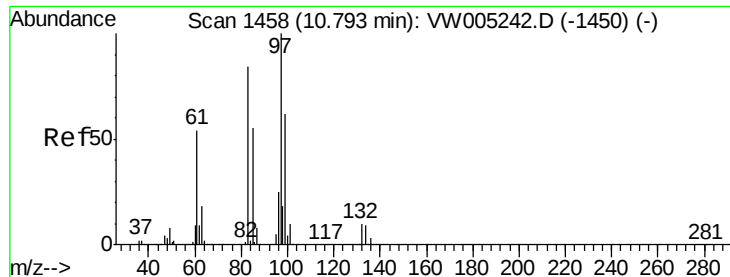
Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3

39 48.7 31.8 47.6#

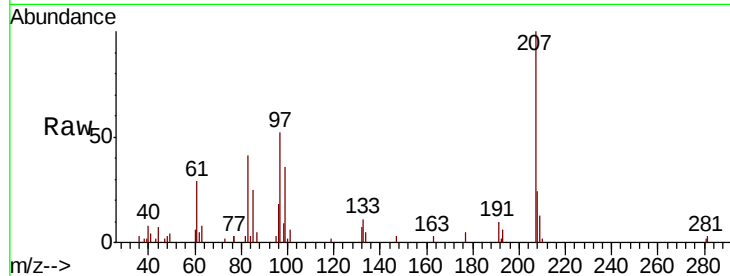




#55
 1,1,2-Trichloroethane
 Concen: 64.231 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MS

Tgt Ion:	97	Resp:	3773
Ion	Ratio	Lower	Upper
97	100		
83	78.2	67.2	100.8
85	47.6	44.4	66.6
99	68.4	49.2	73.8



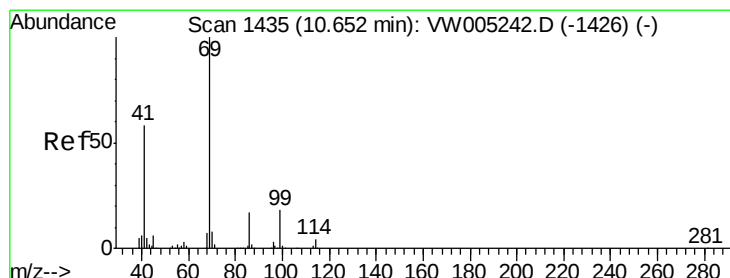
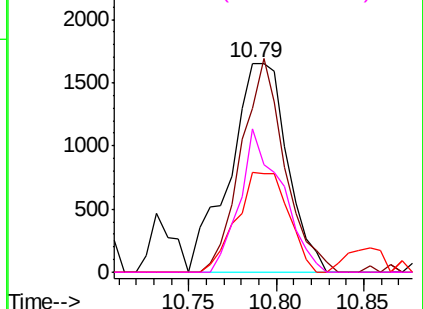
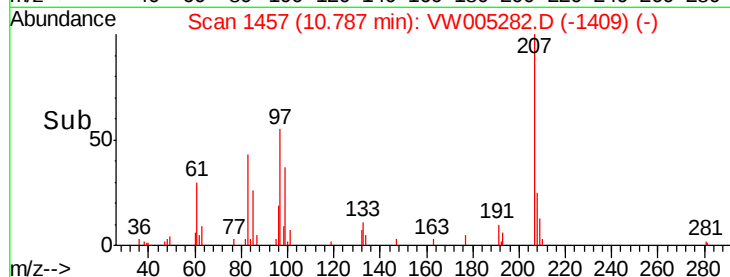
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

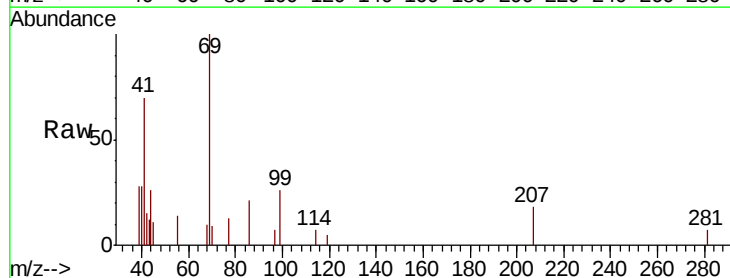
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 31.234 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

Tgt Ion:	69	Resp:	2326
Ion	Ratio	Lower	Upper
69	100		
41	80.9	48.7	73.1#
39	36.0	20.9	31.3#

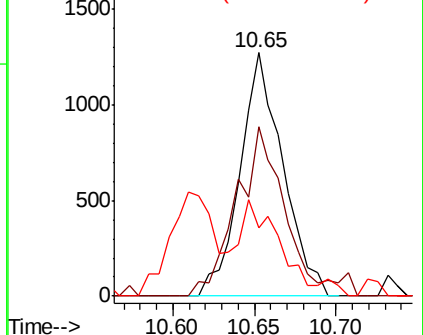
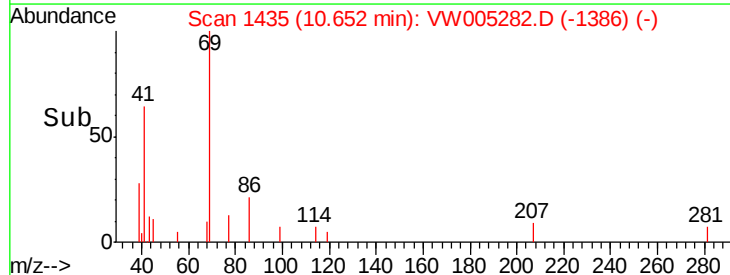


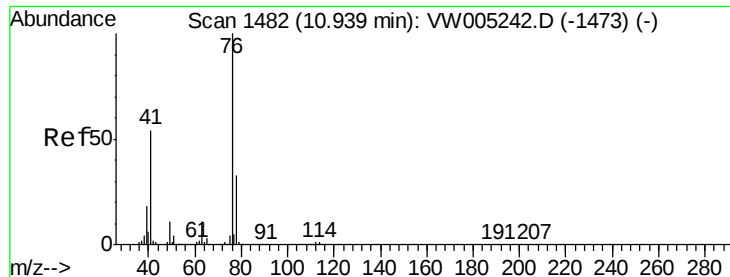
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 48.493 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

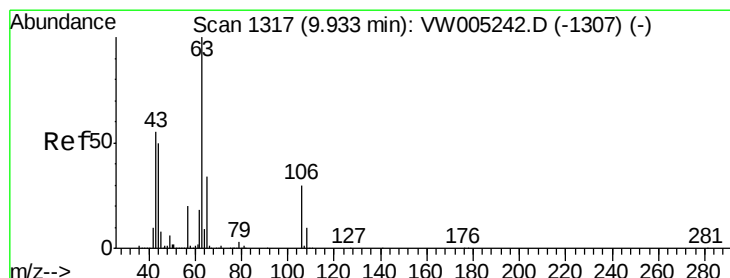
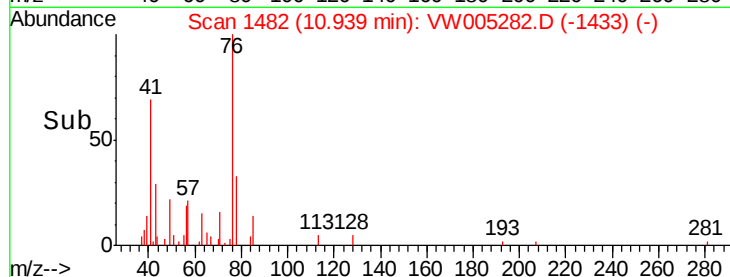
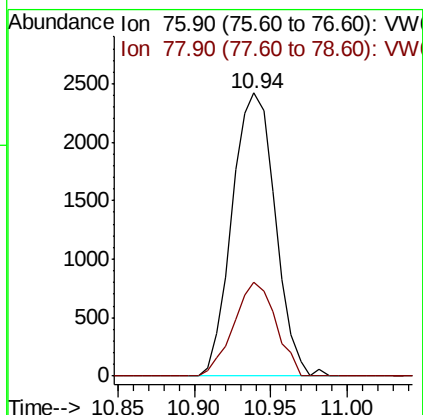
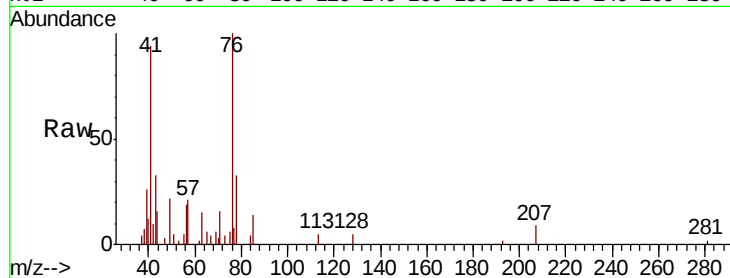
ENY-SB-02-61.0-61.5MS

Tgt Ion: 76 Resp: 4730

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 53.511 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VW005282.D

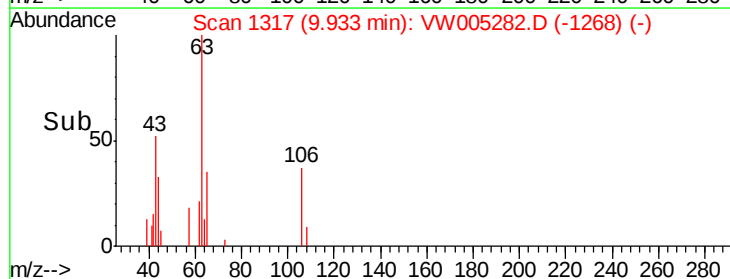
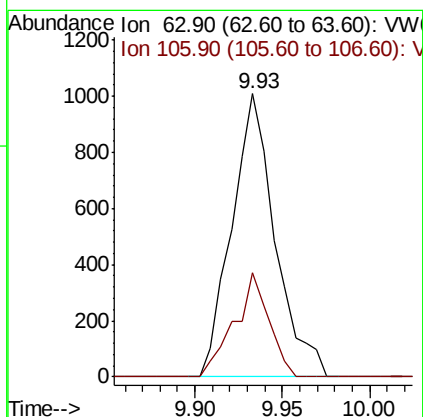
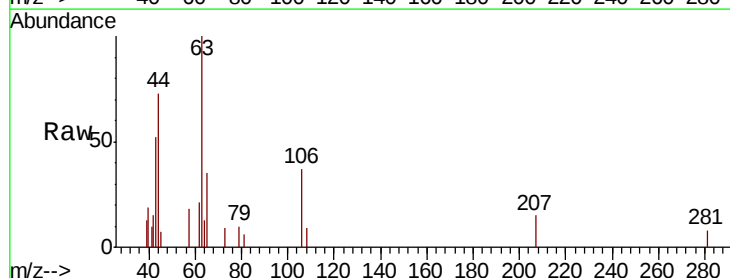
Acq: 11 Sep 2018 18:01

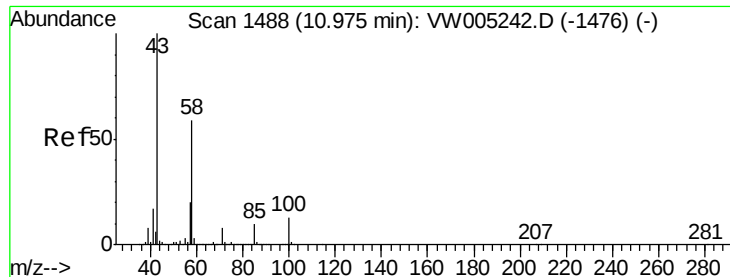
Tgt Ion: 63 Resp: 1732

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.0

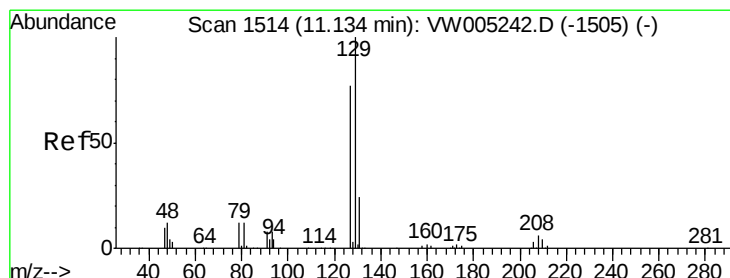
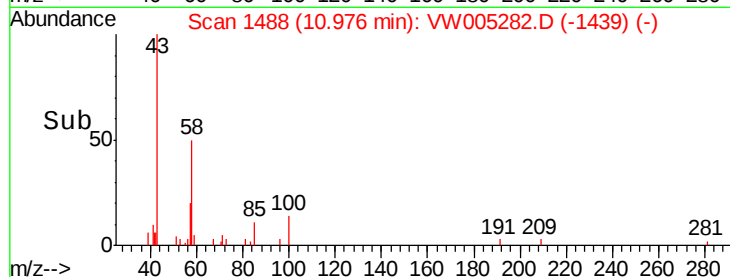
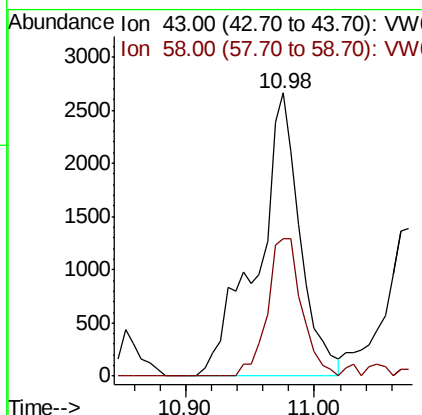
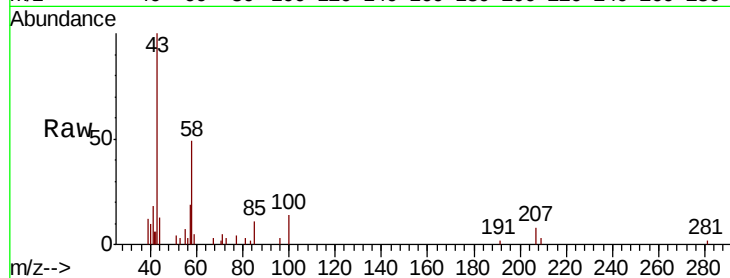




#59
2-Hexanone
Concen: 202.912 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

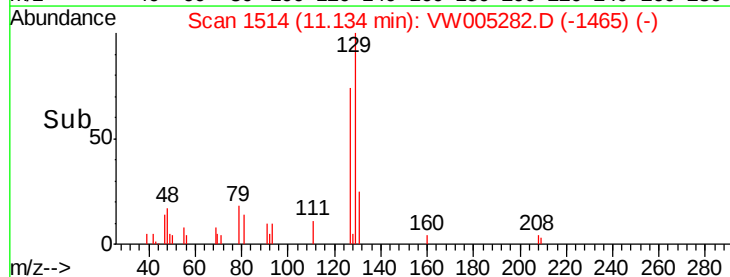
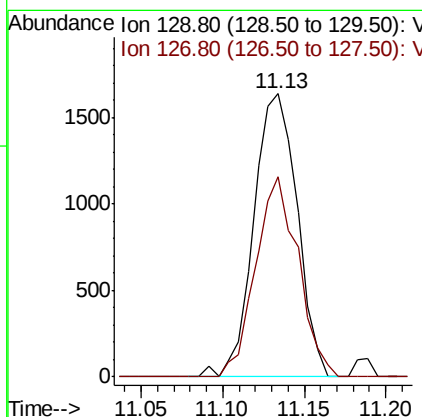
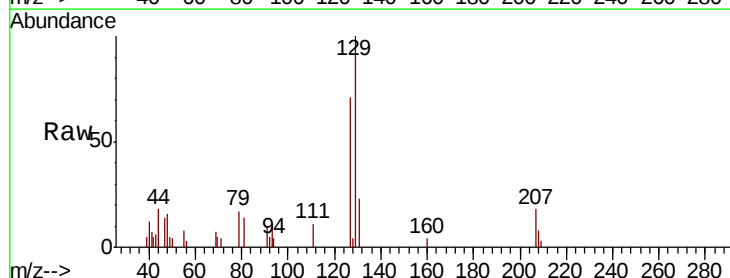
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MS

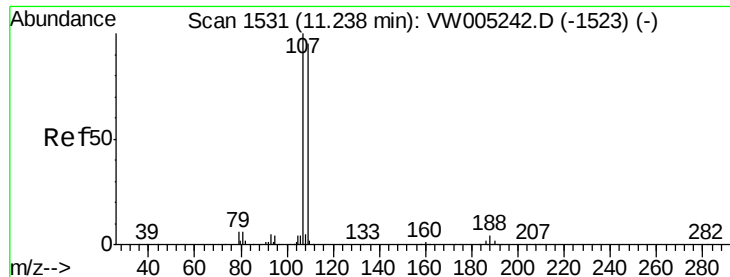
Tgt Ion: 43 Resp: 6180
Ion Ratio Lower Upper
43 100
58 39.0 29.3 87.9



#60
Dibromochloromethane
Concen: 46.471 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion: 129 Resp: 3029
Ion Ratio Lower Upper
129 100
127 69.4 39.0 117.0

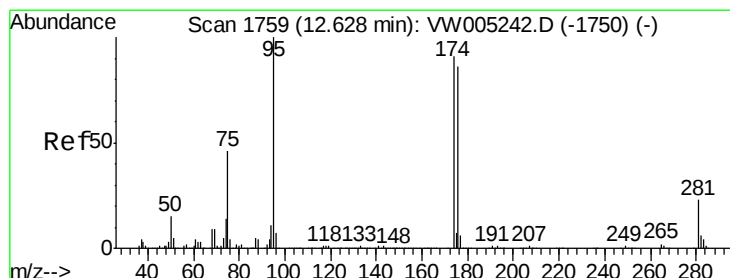
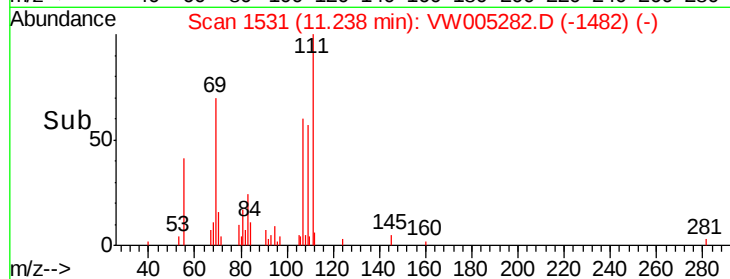
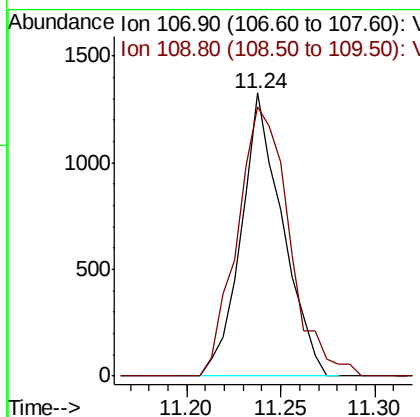
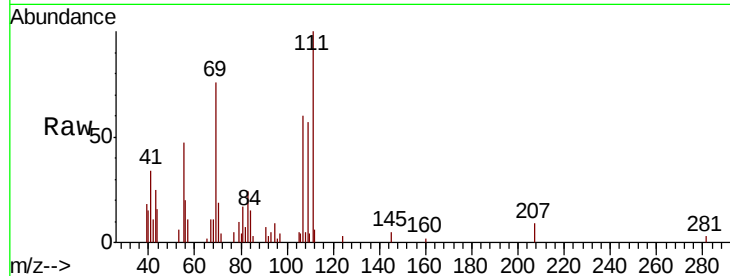




#61
 1,2-Dibromoethane
 Concen: 37.518 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

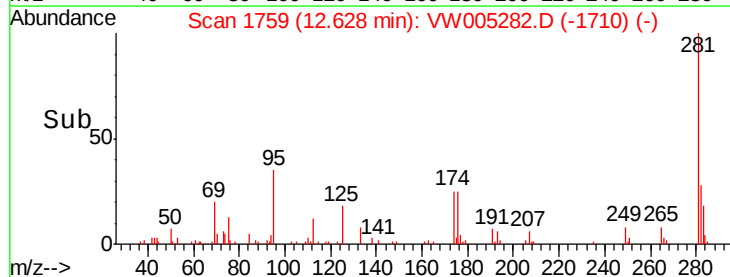
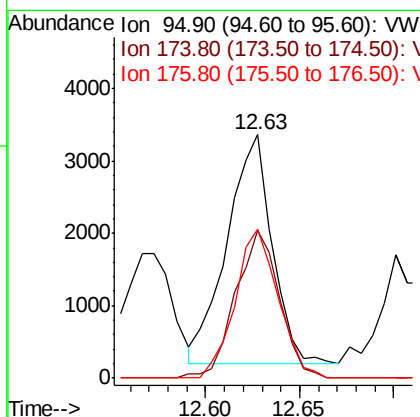
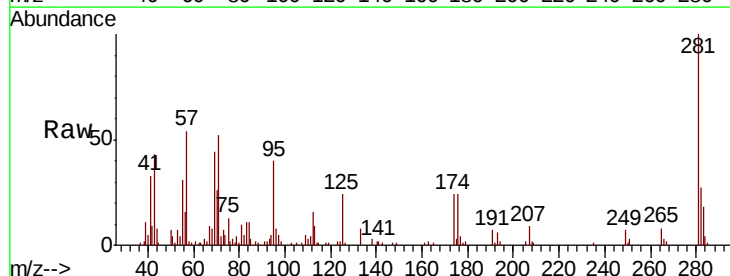
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MS

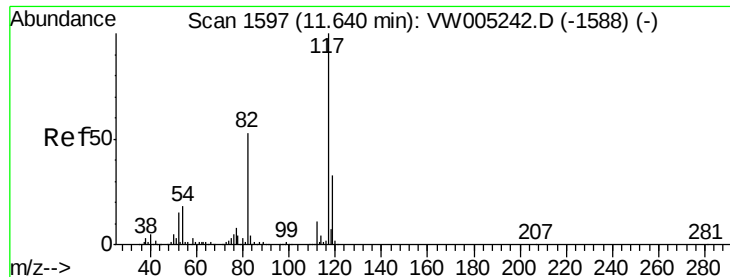
Tgt Ion: 107 Resp: 2021
 Ion Ratio Lower Upper
 107 100
 109 119.8 75.7 113.5#



#62
 4-Bromofluorobenzene
 Concen: 46.750 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

Tgt Ion: 95 Resp: 5251
 Ion Ratio Lower Upper
 95 100
 174 62.5 0.0 174.6
 176 62.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

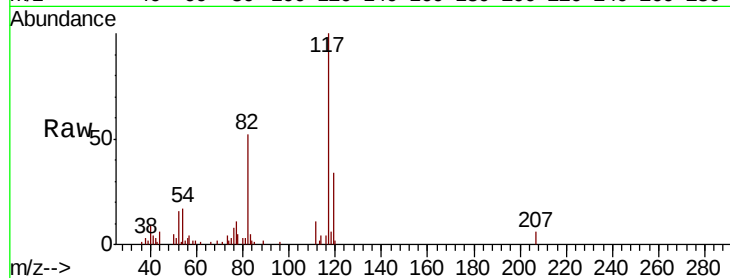
Tgt Ion:117 Resp: 9471

Ion Ratio Lower Upper

117 100

82 50.7 42.6 63.8

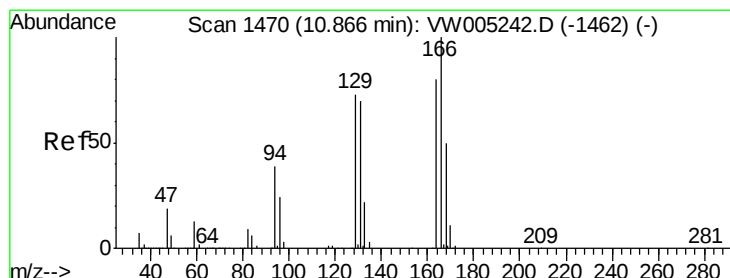
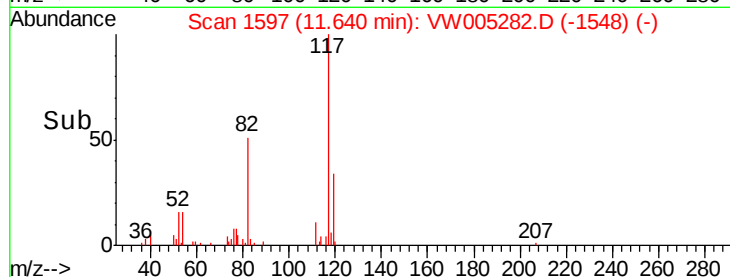
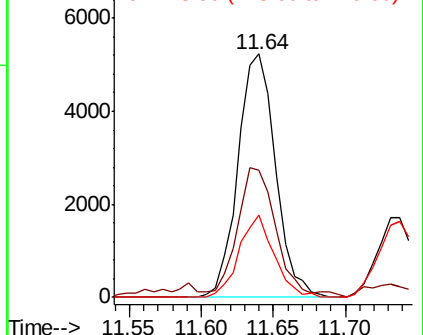
119 33.8 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 78.458 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Tgt Ion:164 Resp: 5513

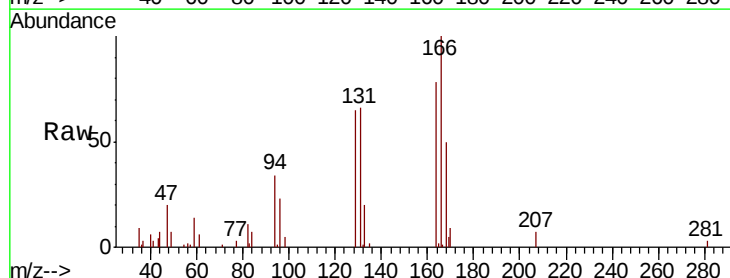
Ion Ratio Lower Upper

164 100

166 127.6 100.2 150.2

129 82.6 73.2 109.8

131 83.7 70.2 105.4

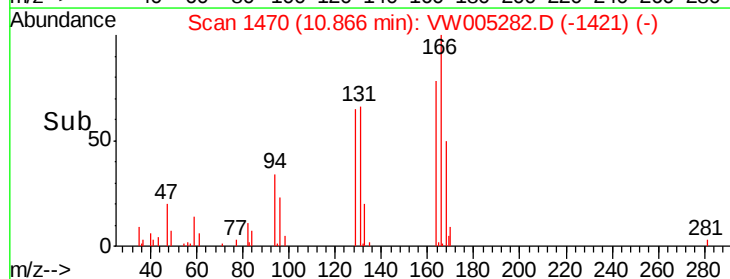
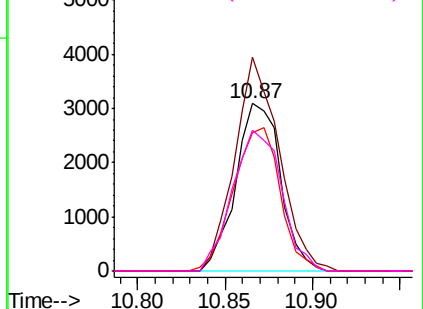


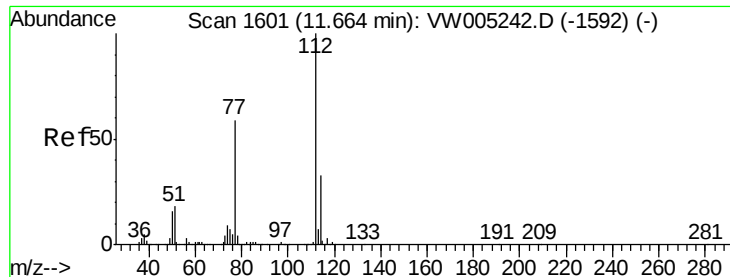
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

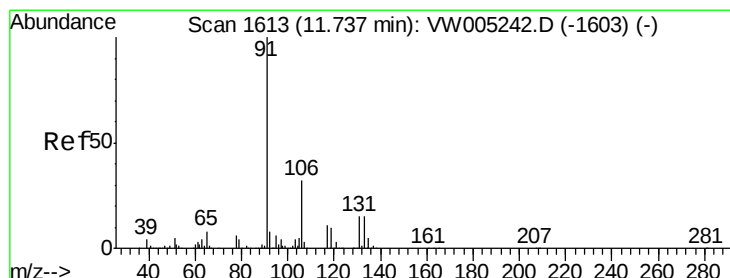
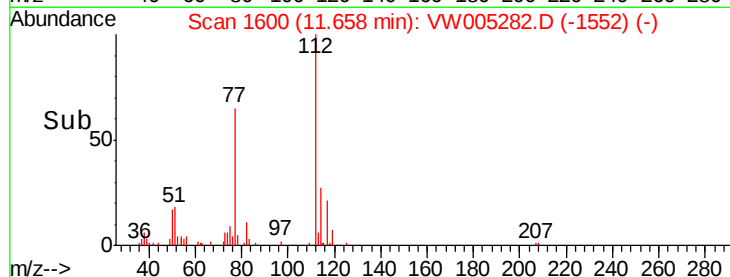
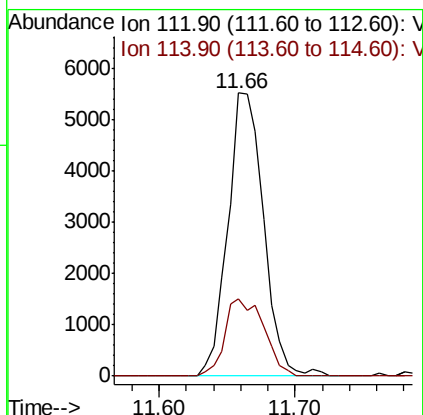
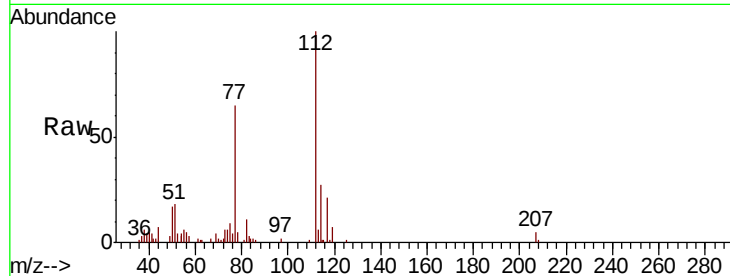




#65
Chlorobenzene
Concen: 48.695 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

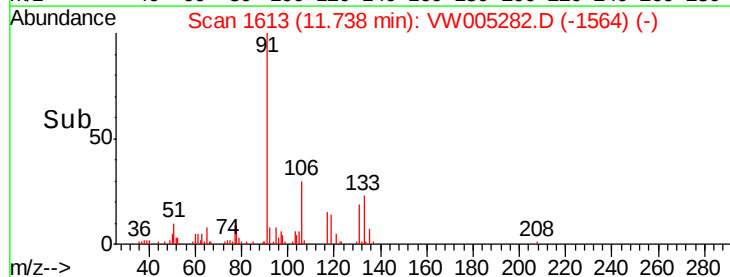
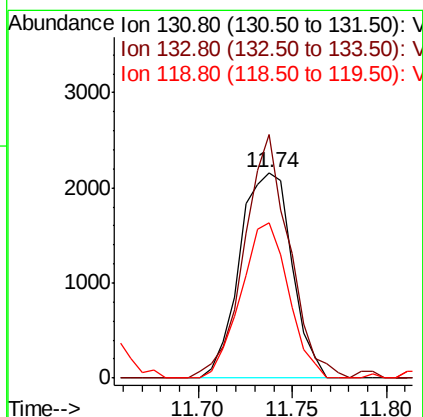
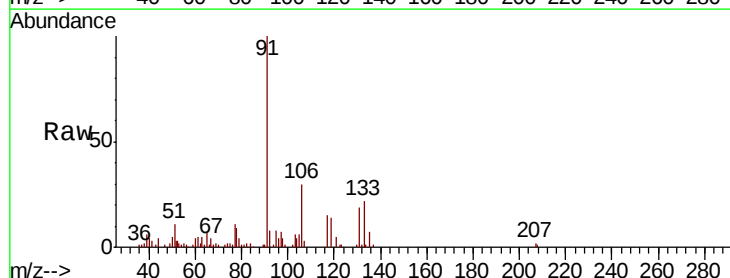
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MS

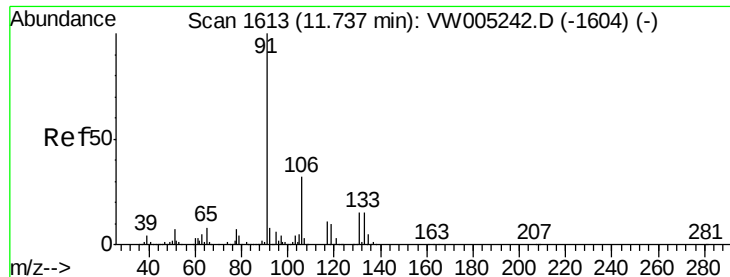
Tgt Ion:112 Resp: 10103
Ion Ratio Lower Upper
112 100
114 27.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 66.944 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion:131 Resp: 4147
Ion Ratio Lower Upper
131 100
133 102.3 48.1 144.3
119 68.8 33.4 100.1

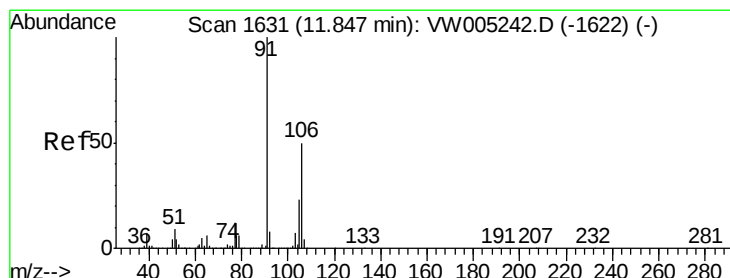
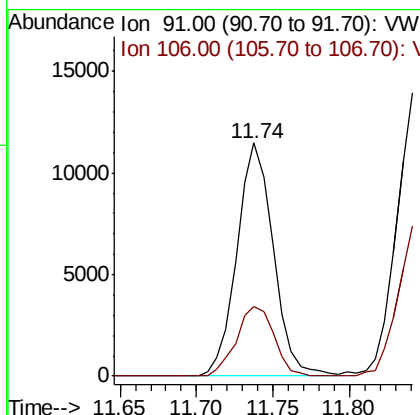
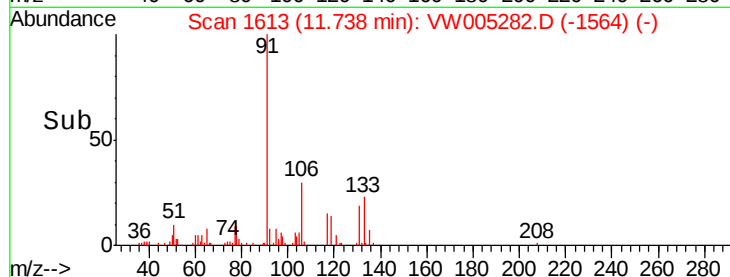
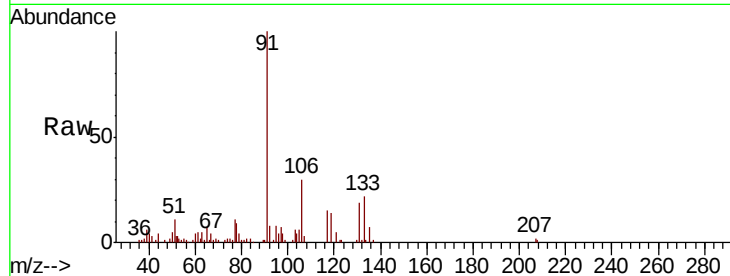




#67
Ethyl Benzene
Concen: 52.674 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

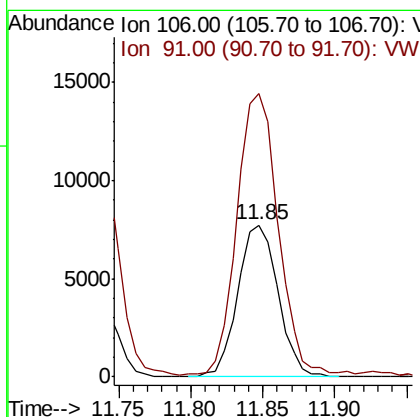
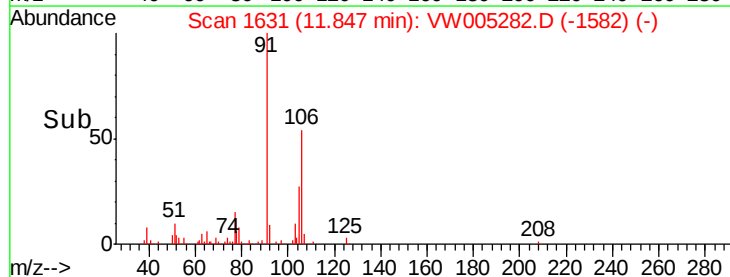
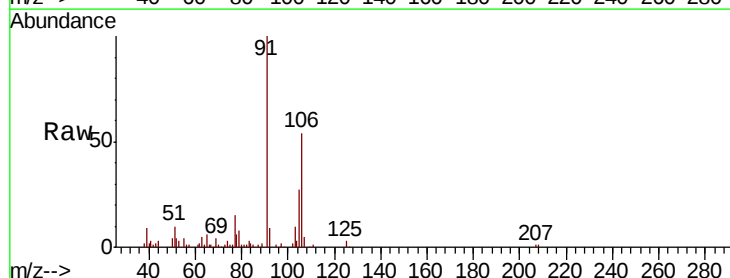
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MS

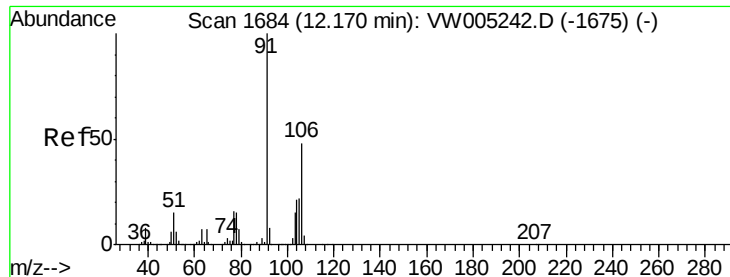
Tgt Ion: 91 Resp: 19032
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4



#68
m/p-Xylenes
Concen: 102.898 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion: 106 Resp: 14982
Ion Ratio Lower Upper
106 100
91 189.8 160.2 240.2

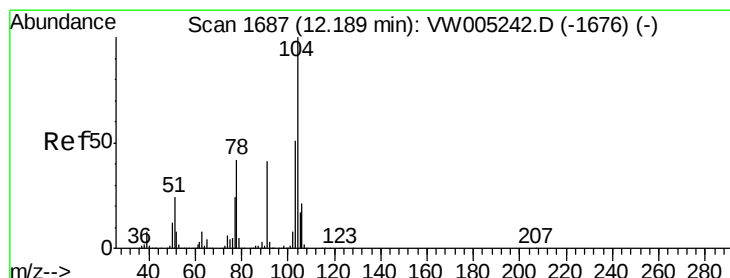
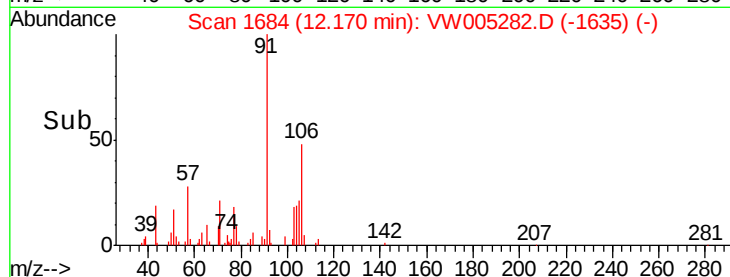
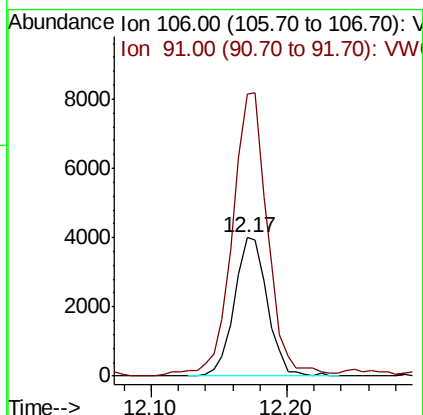
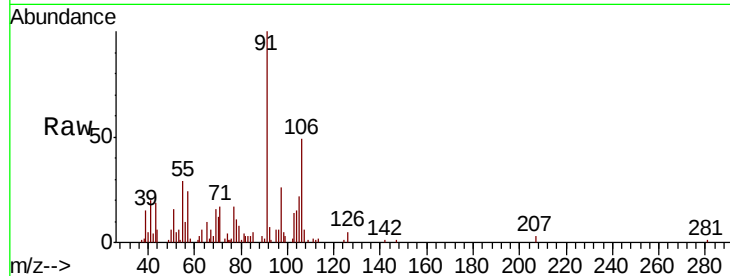




#69
o-Xylene
Concen: 49.881 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

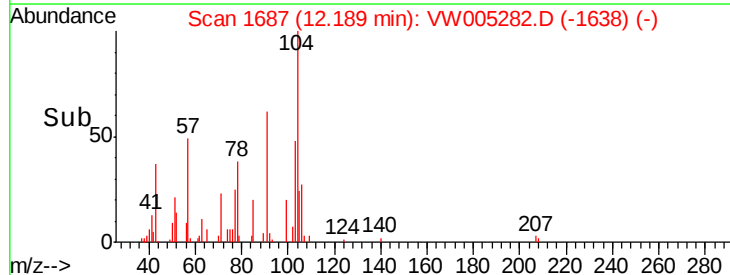
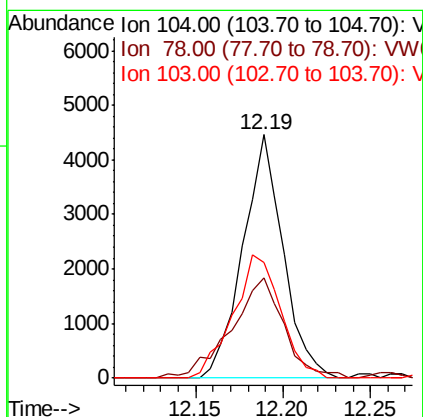
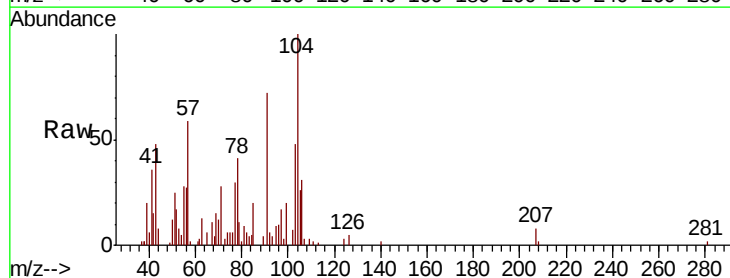
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MS

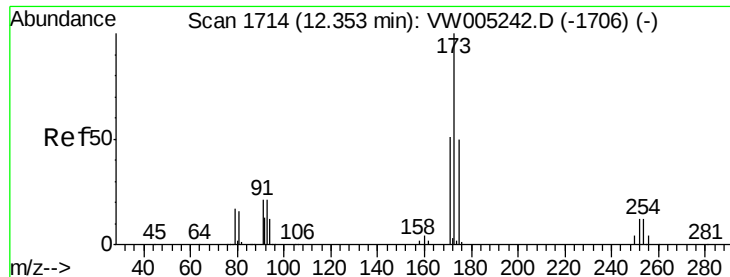
Tgt Ion:106 Resp: 6757
Ion Ratio Lower Upper
106 100
91 219.8 104.1 312.3



#70
Styrene
Concen: 32.497 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion:104 Resp: 7183
Ion Ratio Lower Upper
104 100
78 53.5 37.4 56.2
103 59.7 44.1 66.1





#71

Bromoform

Concen: 49.125 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

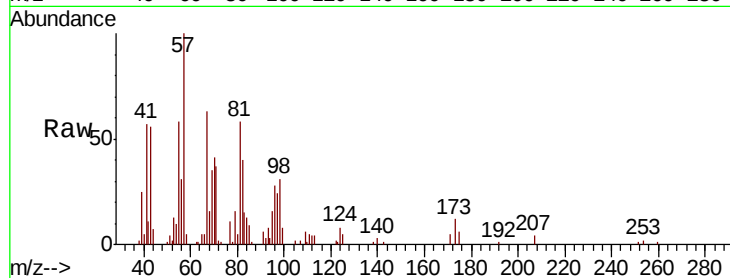
Tgt Ion:173 Resp: 1650

Ion Ratio Lower Upper

173 100

175 50.1 24.9 74.6

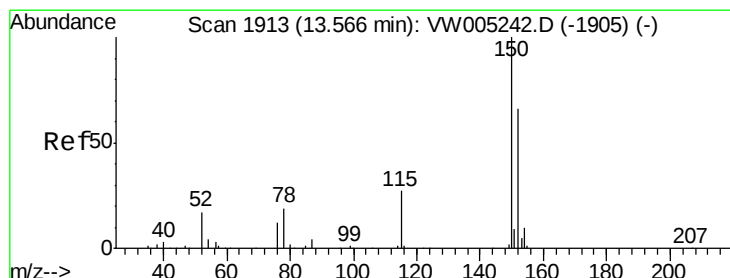
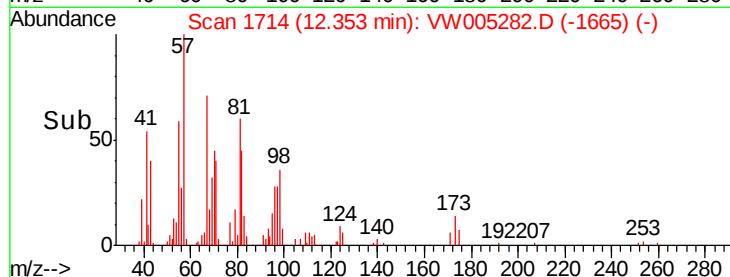
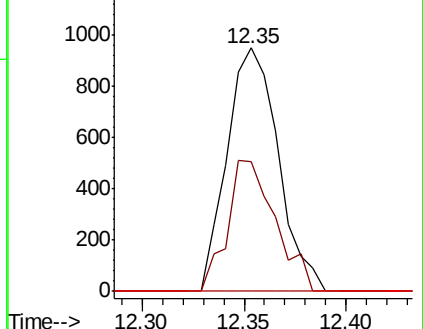
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

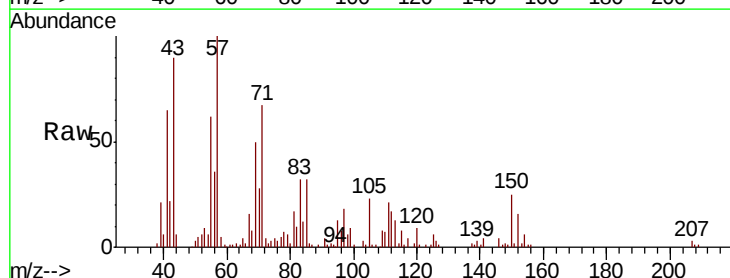
Tgt Ion:152 Resp: 5076

Ion Ratio Lower Upper

152 100

115 0.0 27.5 82.4#

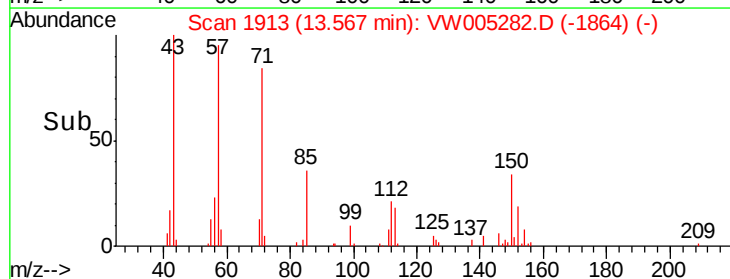
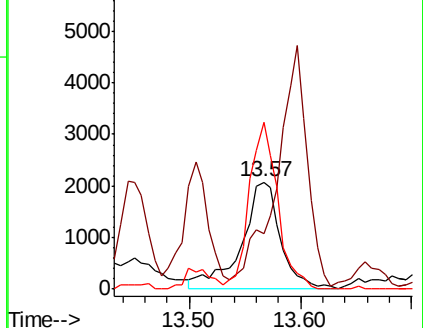
150 113.8 0.0 347.4

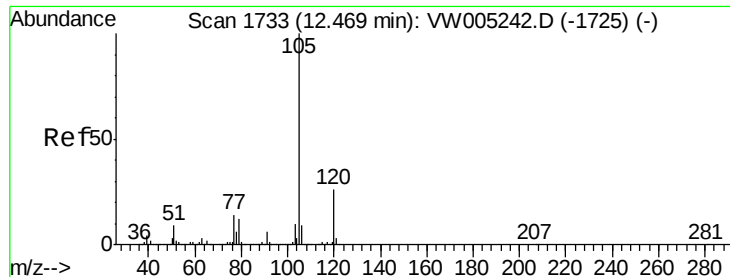


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 89.398 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

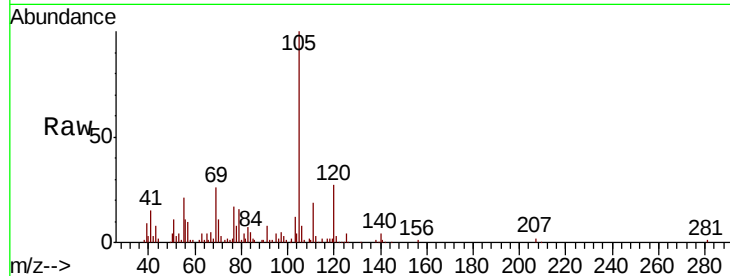
ENY-SB-02-61.0-61.5MS

Tgt Ion:105 Resp: 32062

Ion Ratio Lower Upper

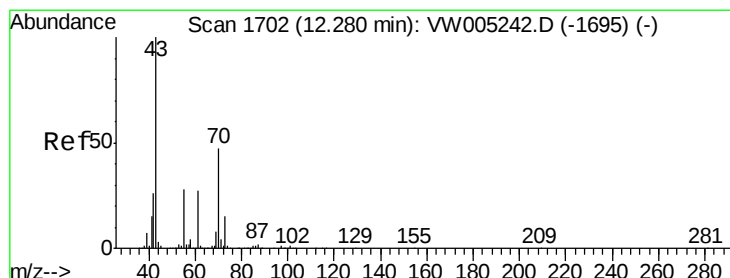
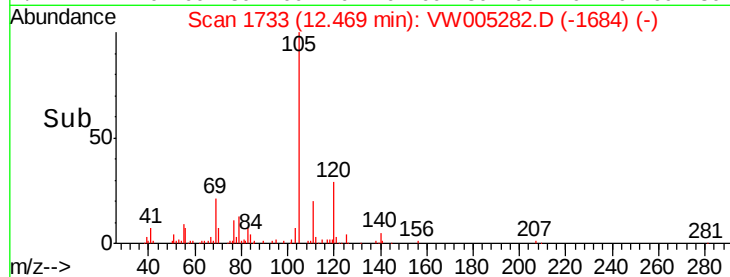
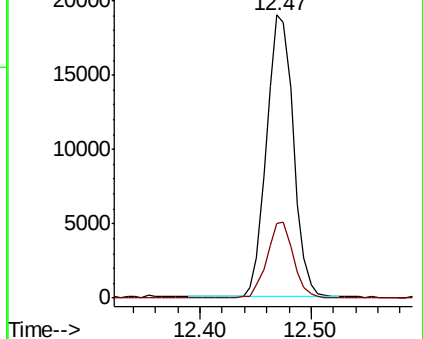
105 100

120 26.3 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 310.347 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.02 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Tgt Ion: 43 Resp: 21177

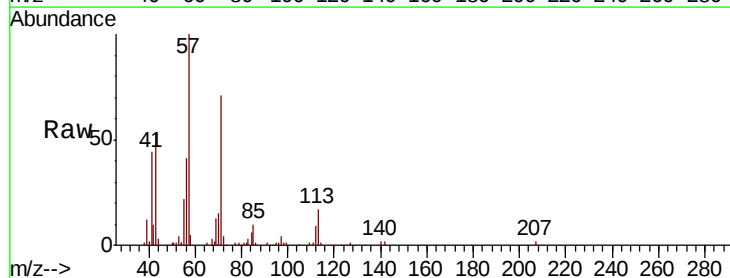
Ion Ratio Lower Upper

43 100

70 34.3 37.9 56.9#

55 35.9 22.6 33.8#

61 0.0 20.9 31.3#

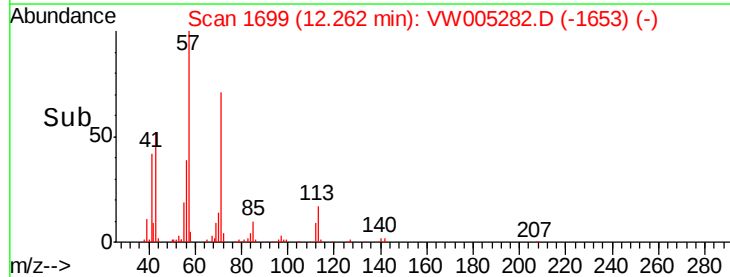
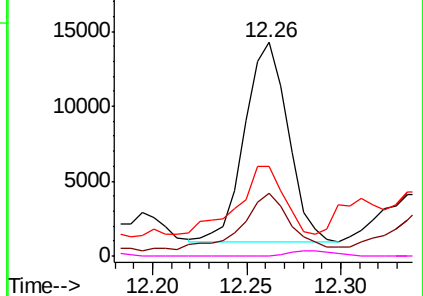


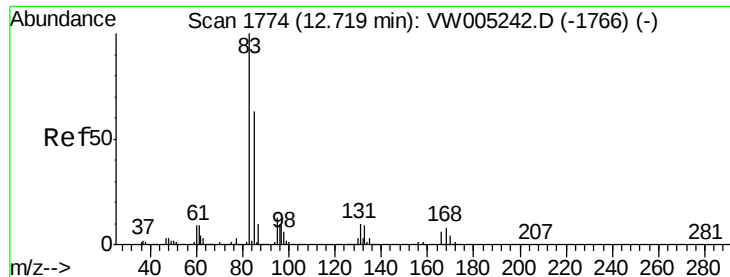
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 76.568 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

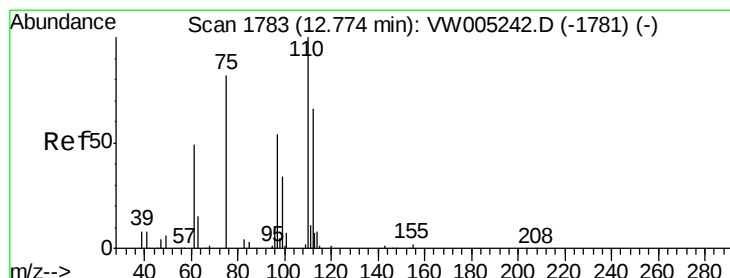
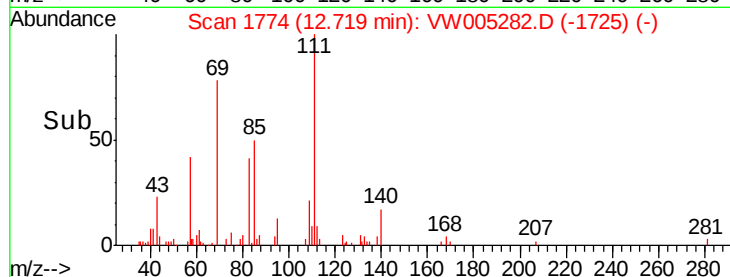
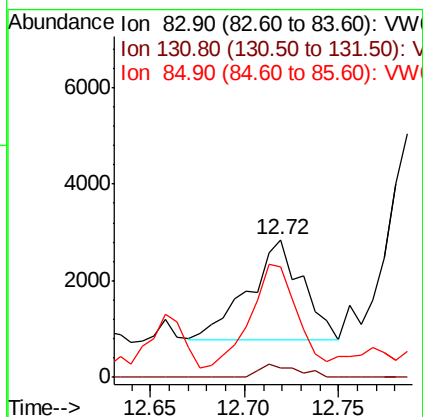
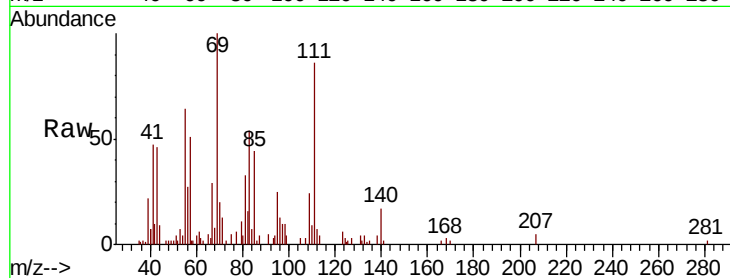
Tgt Ion: 83 Resp: 4127

Ion Ratio Lower Upper

83 100

131 9.5 5.5 16.4

85 87.9 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 104.144 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005282.D

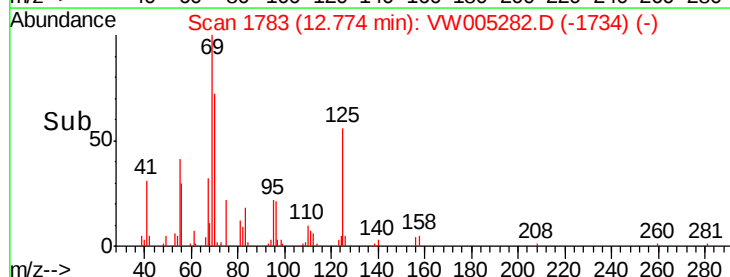
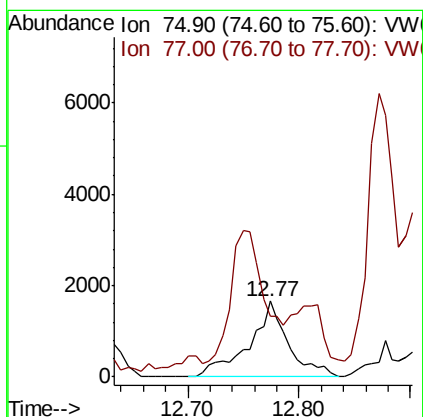
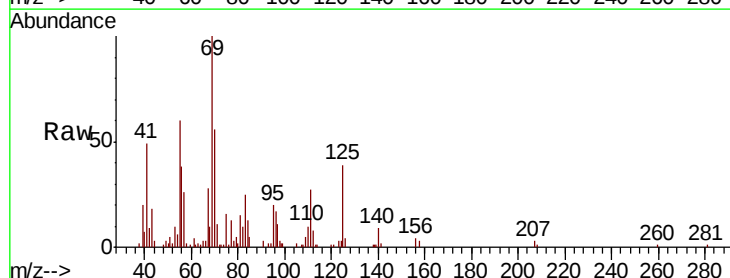
Acq: 11 Sep 2018 18:01

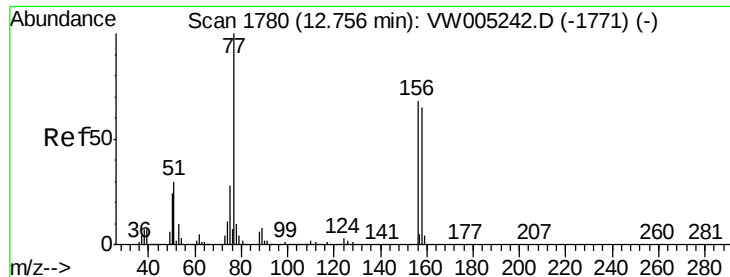
Tgt Ion: 75 Resp: 4066

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.164 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

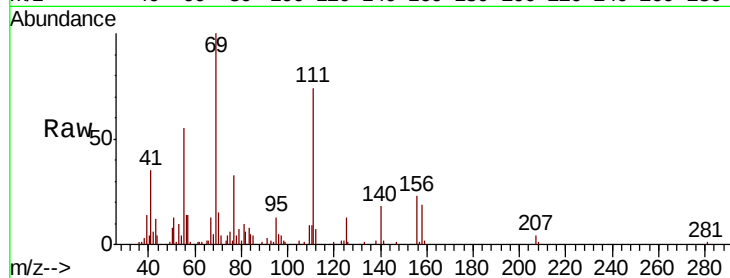
Tgt Ion:156 Resp: 3647

Ion Ratio Lower Upper

156 100

77 184.4 86.3 258.8

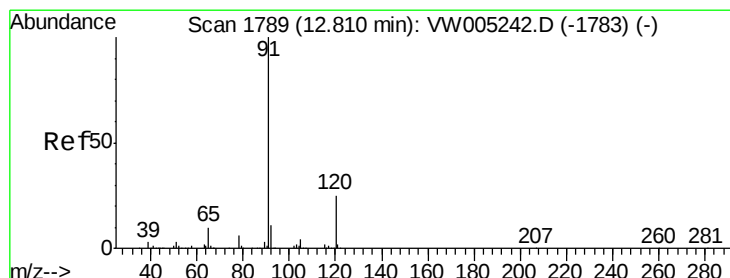
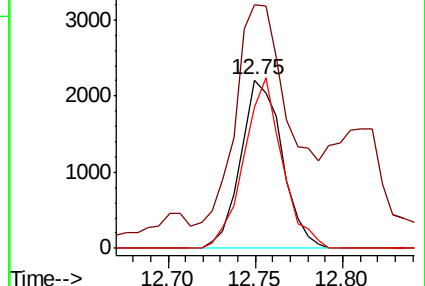
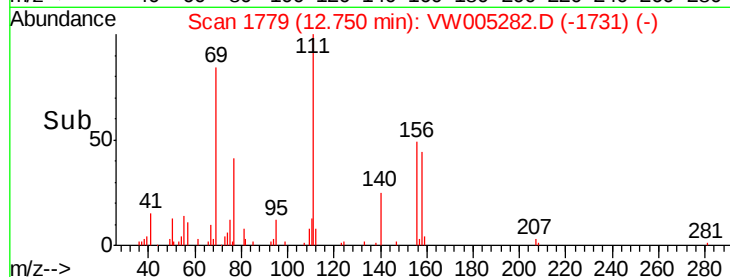
158 93.8 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 138.757 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005282.D

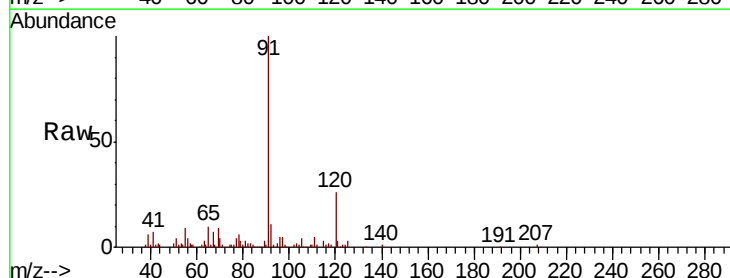
Acq: 11 Sep 2018 18:01

Tgt Ion: 91 Resp: 59768

Ion Ratio Lower Upper

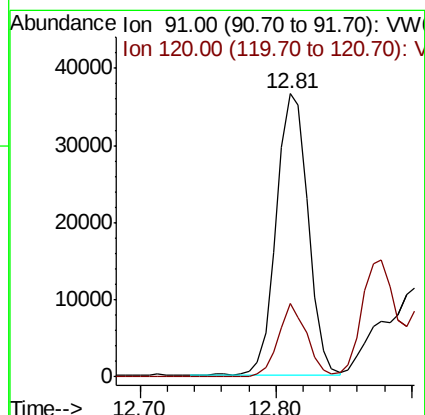
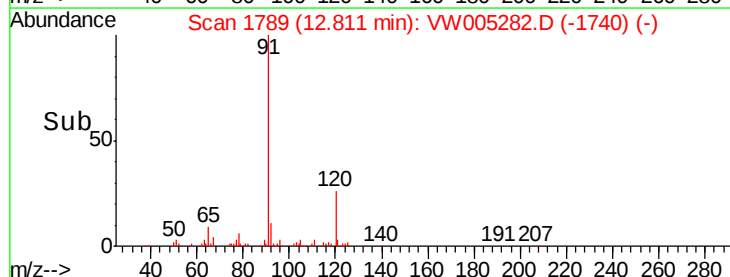
91 100

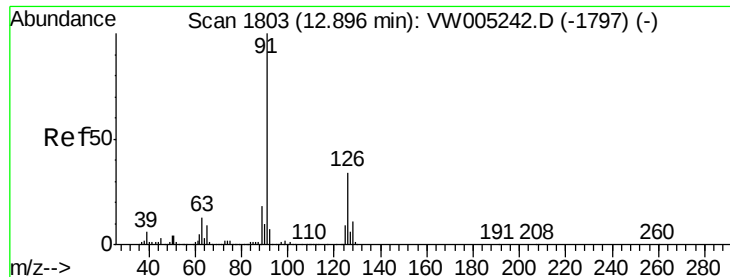
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

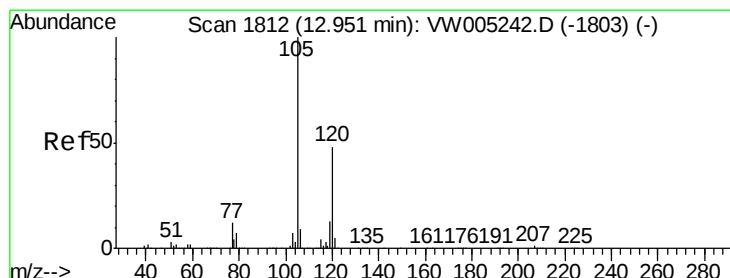
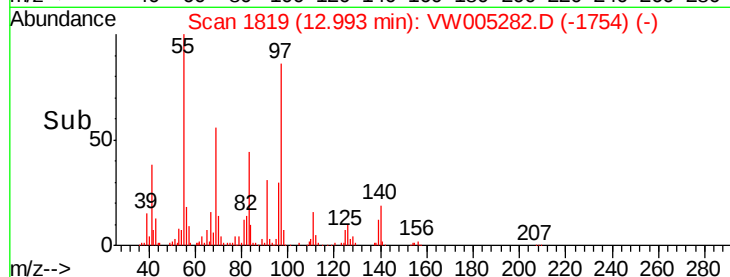
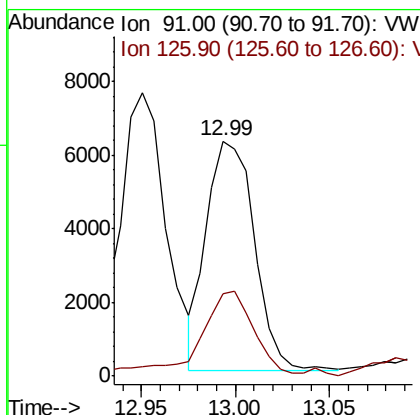
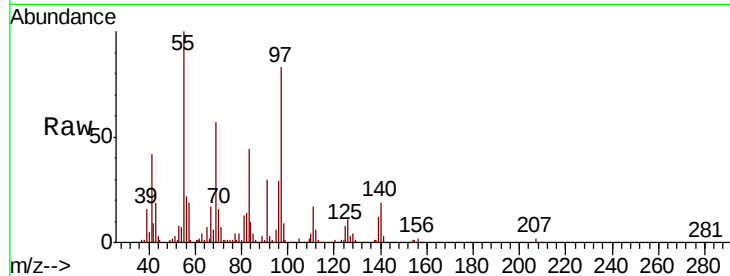




#79
 2-Chlorotoluene
 Concen: 44.444 ug/l
 RT: 12.99 min Scan# 1819
 Delta R.T. 0.10 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

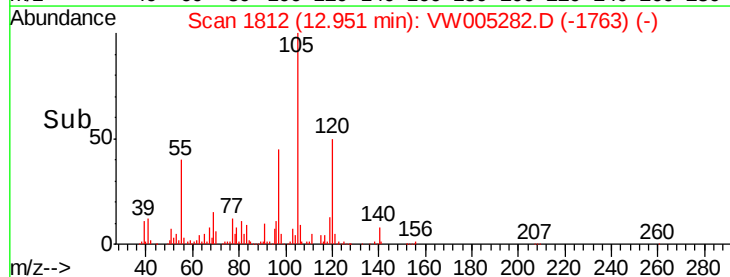
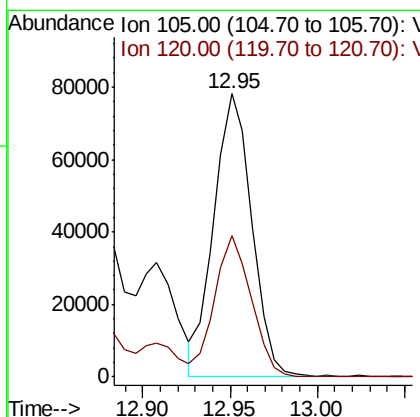
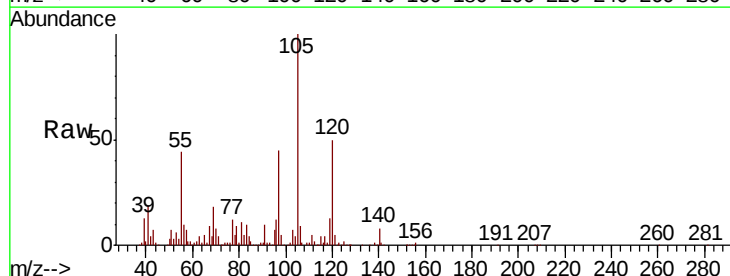
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MS

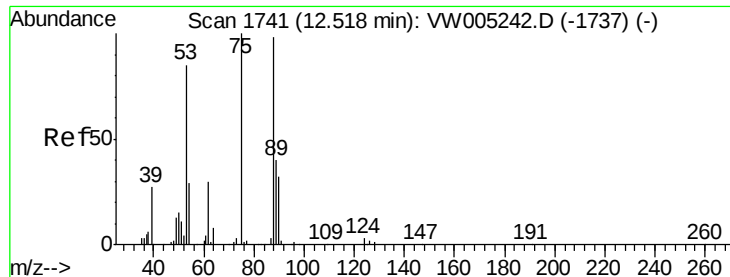
Tgt Ion: 91 Resp: 10978
 Ion Ratio Lower Upper
 91 100
 126 38.6 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 383.296 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

Tgt Ion: 105 Resp: 117056
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 11.473 ug/l

RT: 12.51 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

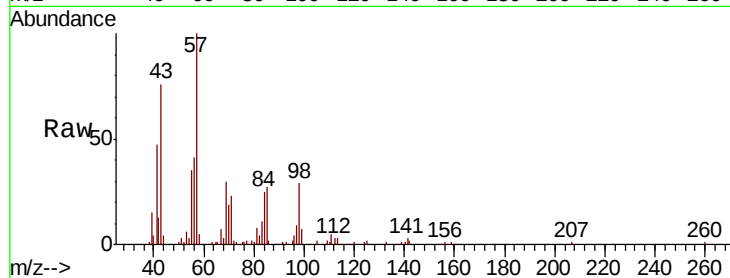
Tgt Ion: 75 Resp: 191

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.6#

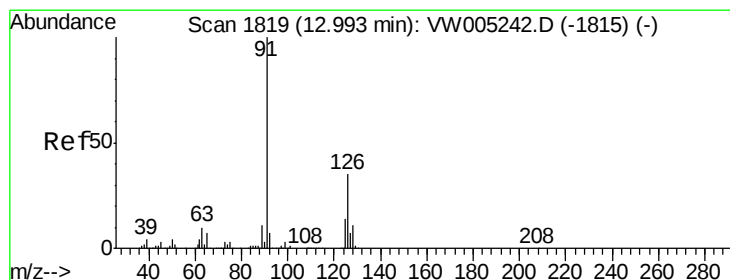
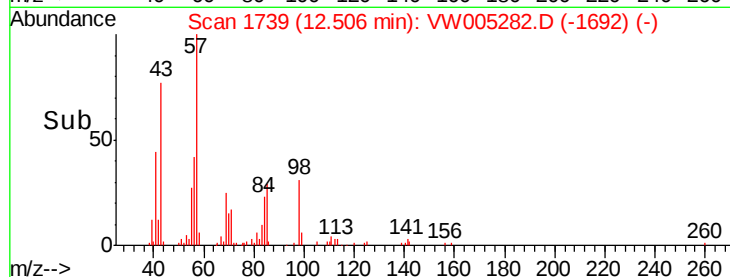
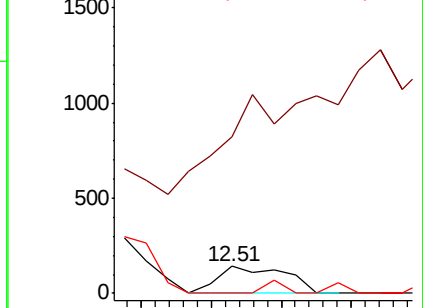
89 0.0 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 41.725 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW005282.D

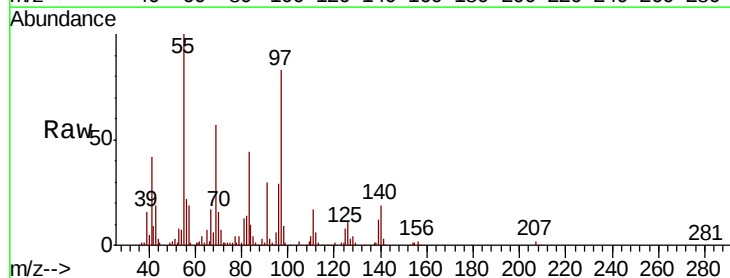
Acq: 11 Sep 2018 18:01

Tgt Ion: 91 Resp: 10833

Ion Ratio Lower Upper

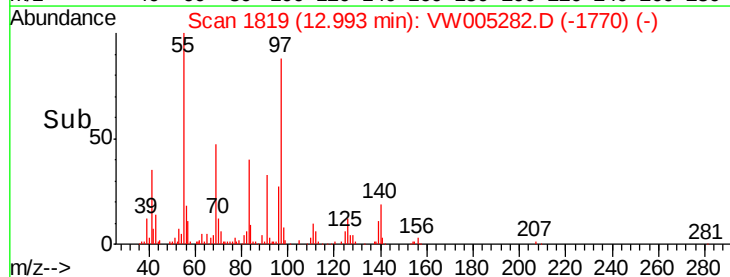
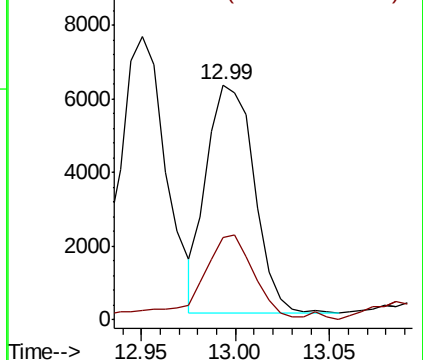
91 100

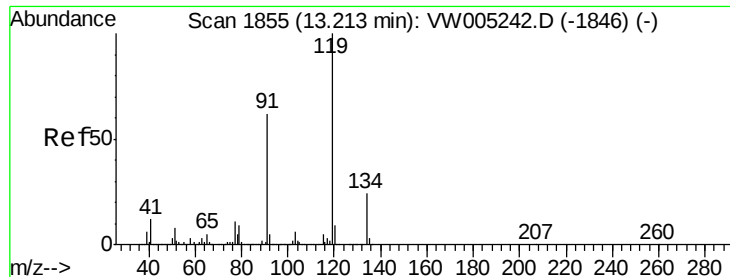
126 41.6 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 76.133 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

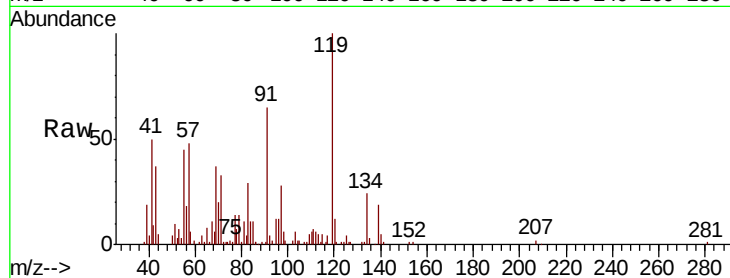
Tgt Ion:119 Resp: 20335

Ion Ratio Lower Upper

119 100

91 65.5 31.7 95.1

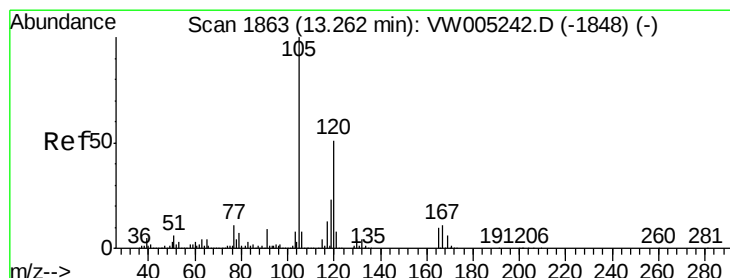
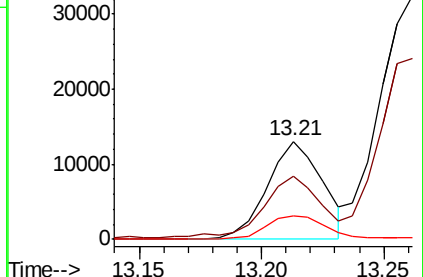
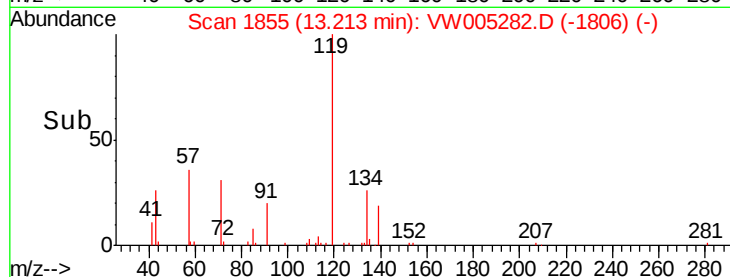
134 27.9 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1247.201 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. 0.00 min

Lab File: VW005282.D

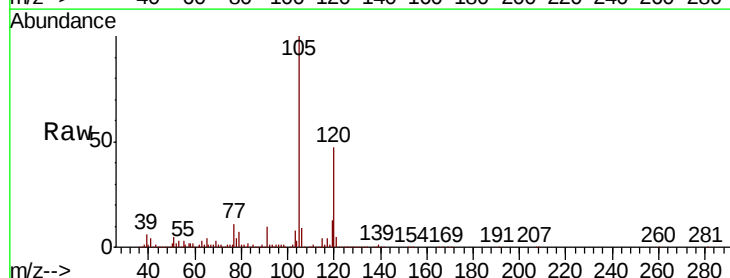
Acq: 11 Sep 2018 18:01

Tgt Ion:105 Resp: 382750

Ion Ratio Lower Upper

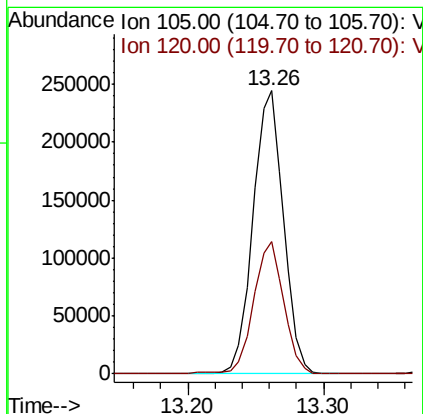
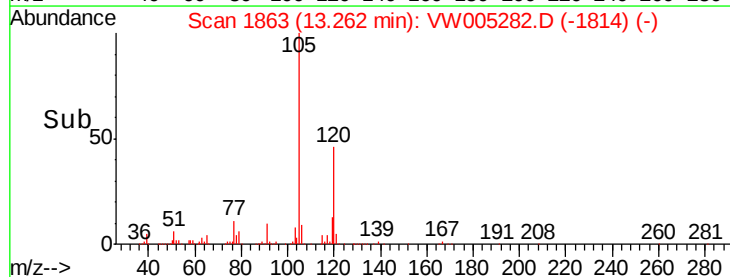
105 100

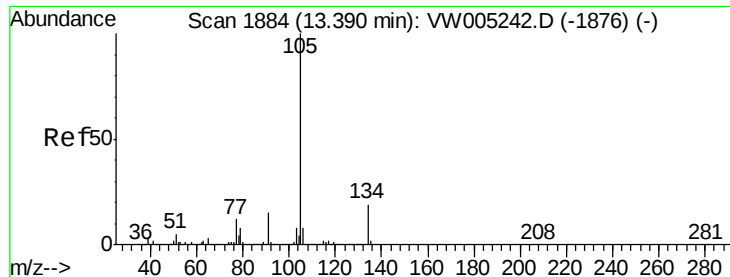
120 46.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 129.985 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

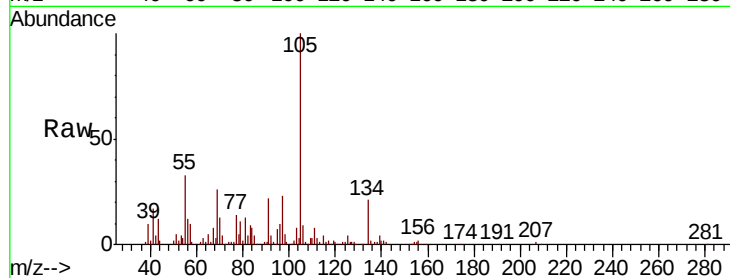
ENY-SB-02-61.0-61.5MS

Tgt Ion:105 Resp: 49896

Ion Ratio Lower Upper

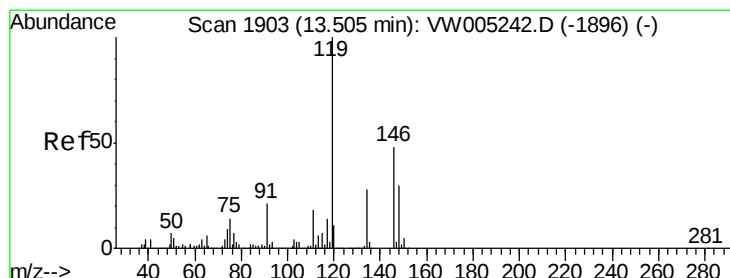
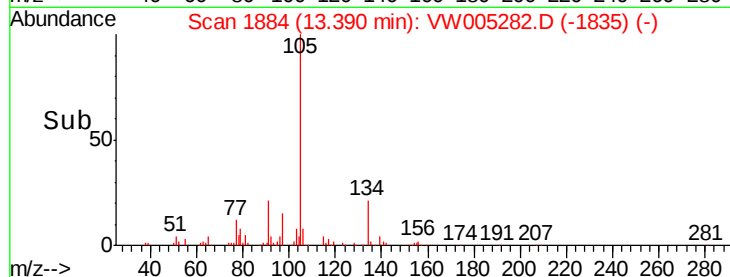
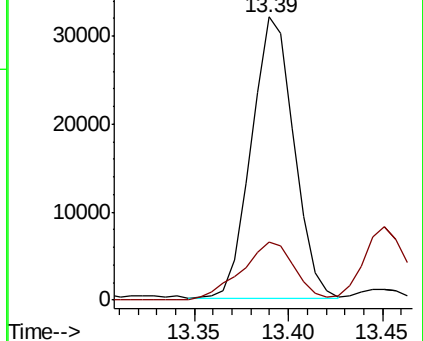
105 100

134 26.0 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 146.534 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

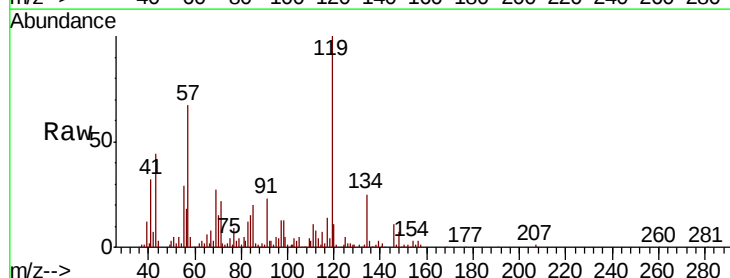
Tgt Ion:119 Resp: 49794

Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

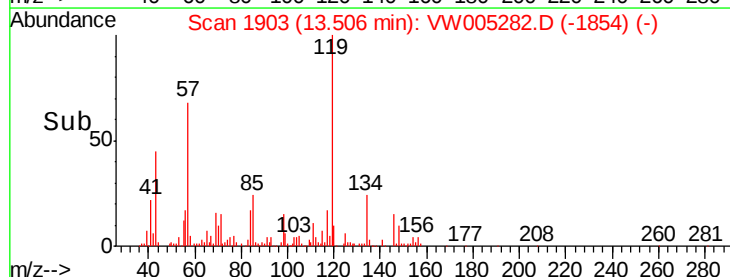
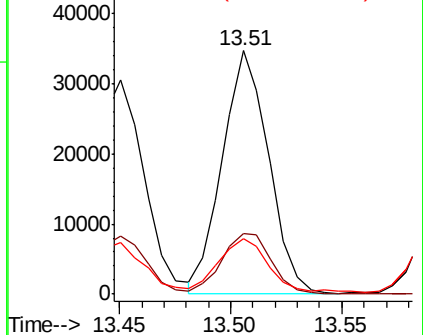
91 23.7 10.7 32.1

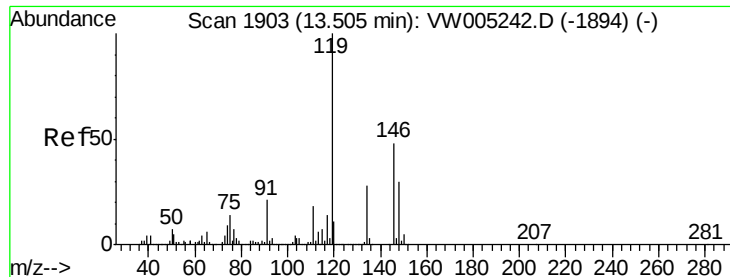


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 32.675 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

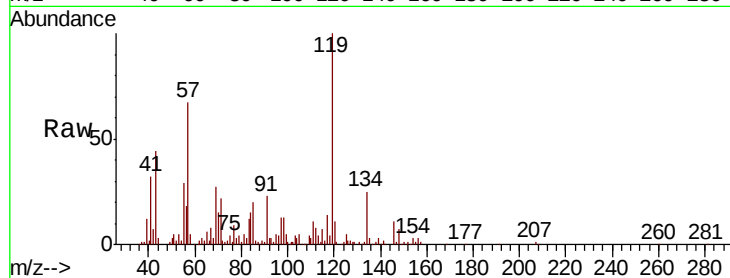
MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tgt Ion:146 Resp: 5797

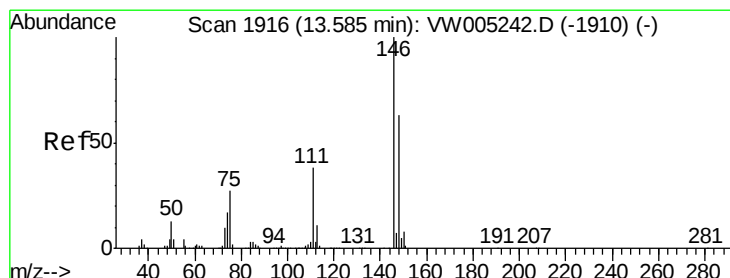
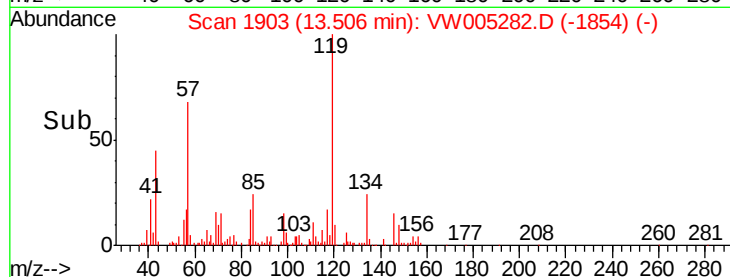
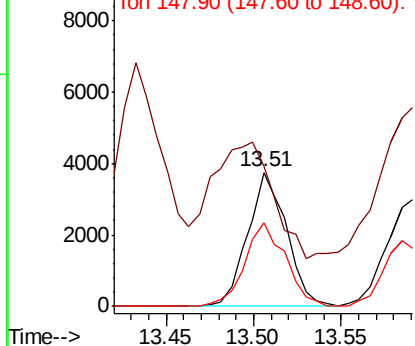
Ion	Ratio	Lower	Upper
146	100		
111	145.8	18.8	56.3#
148	65.1	31.6	94.8



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



#88

1,4-Dichlorobenzene

Concen: 27.282 ug/l

RT: 13.59 min Scan# 1917

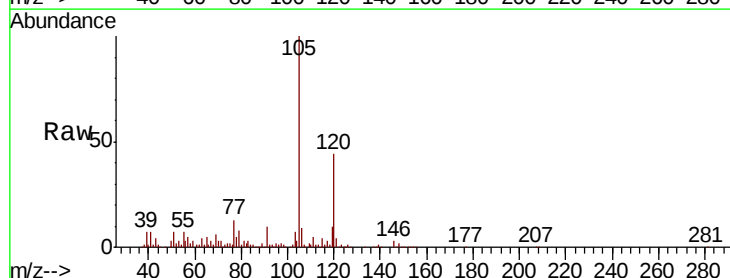
Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Tgt Ion:146 Resp: 4754

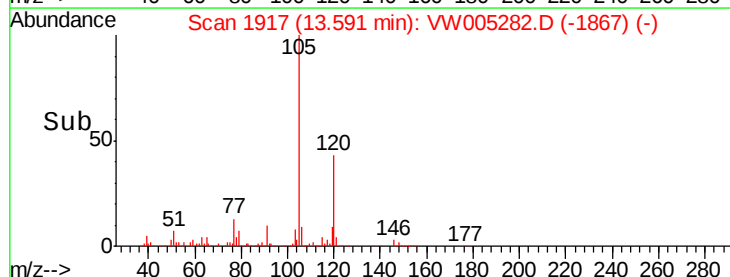
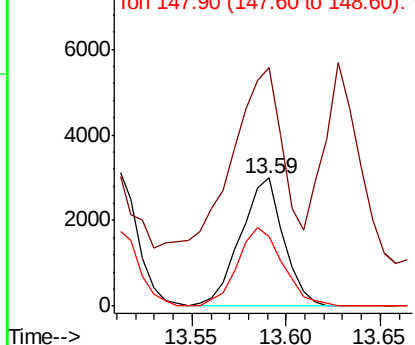
Ion	Ratio	Lower	Upper
146	100		
111	153.8	19.1	57.3#
148	64.3	32.3	96.9

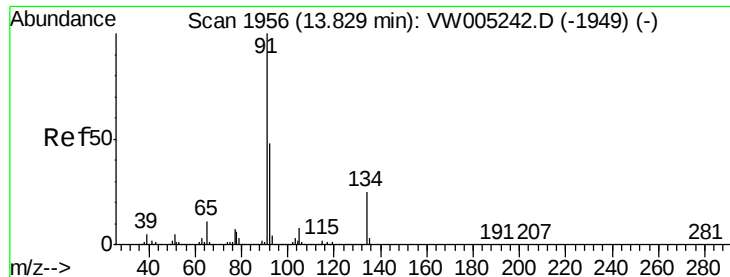


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 137.709 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

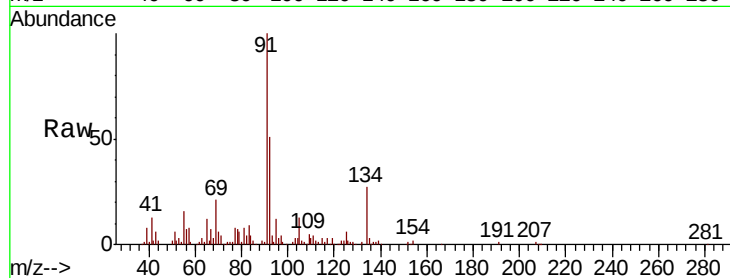
Tgt Ion: 91 Resp: 43990

Ion Ratio Lower Upper

91 100

92 56.7 25.8 77.3

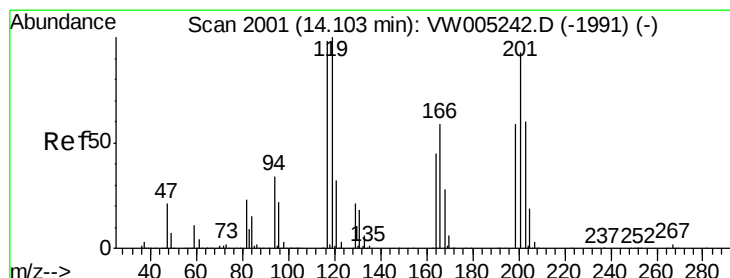
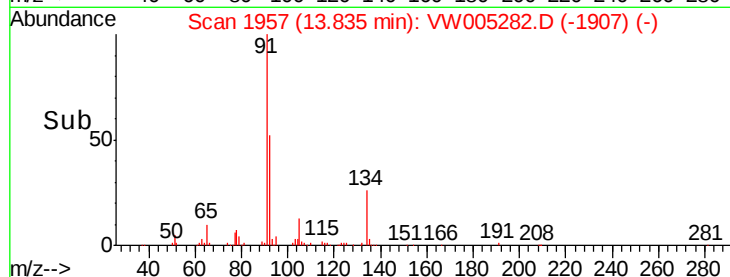
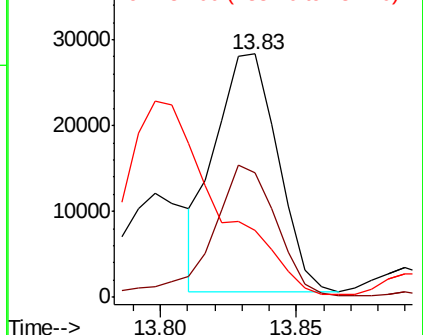
134 0.0 13.6 40.8#



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: 190.549 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW005282.D

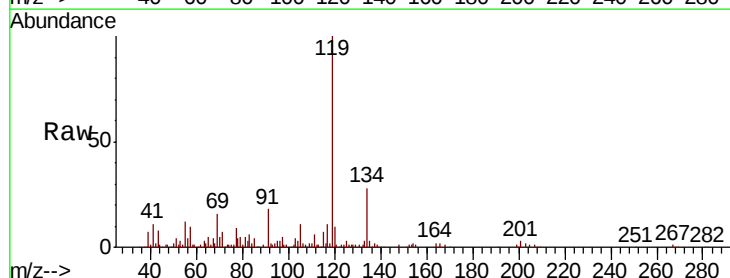
Acq: 11 Sep 2018 18:01

Tgt Ion: 117 Resp: 10374

Ion Ratio Lower Upper

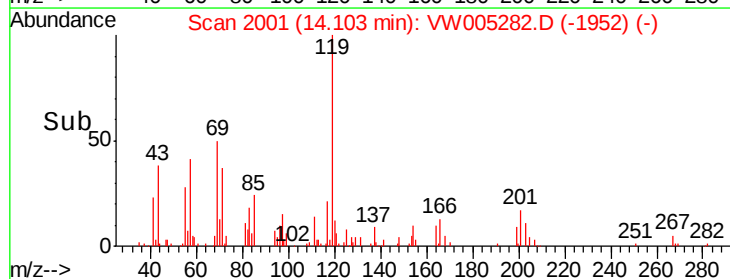
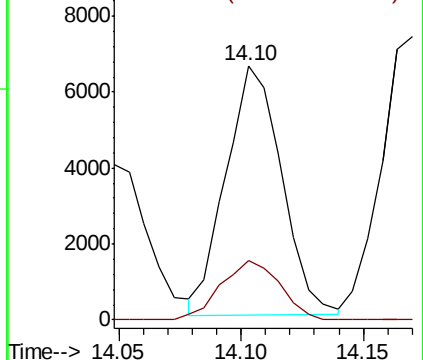
117 100

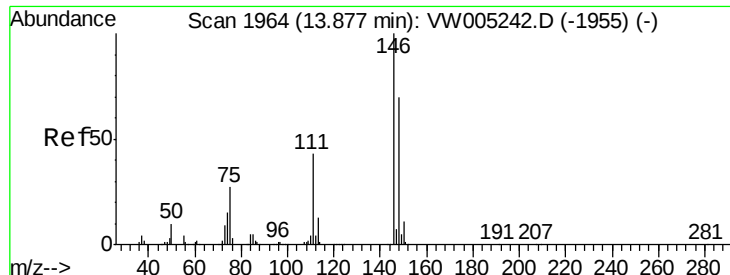
201 25.1 44.0 132.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

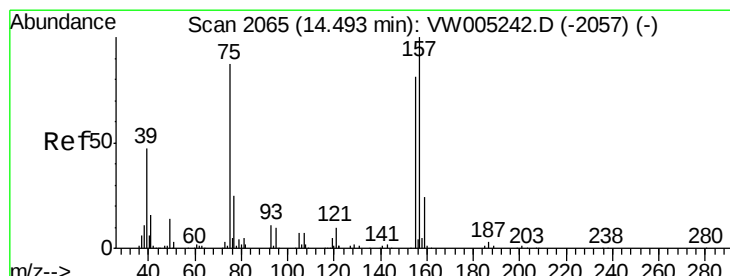
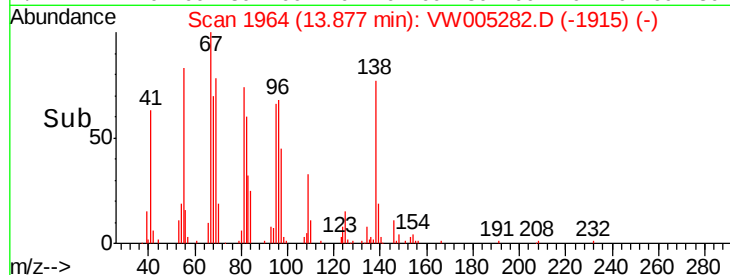
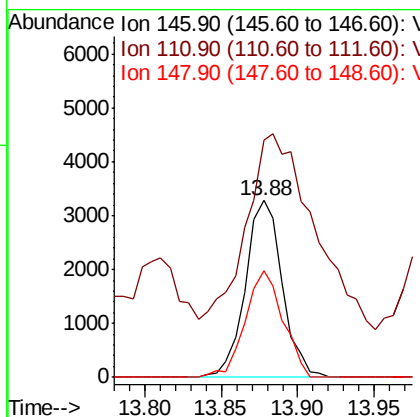
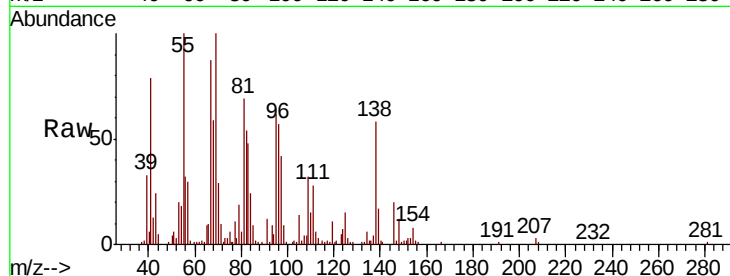




#91
 1,2-Dichlorobenzene
 Concen: 35.225 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

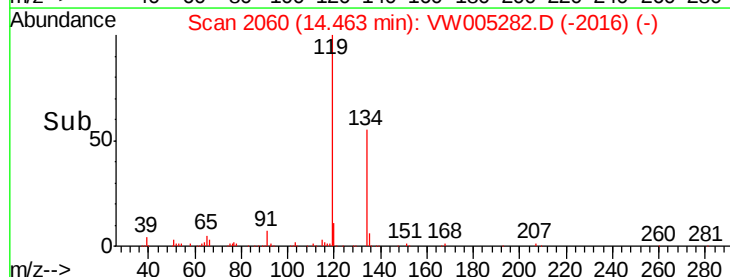
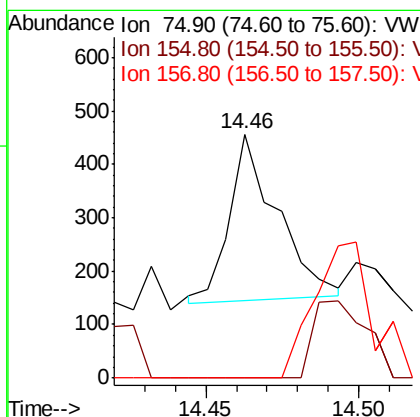
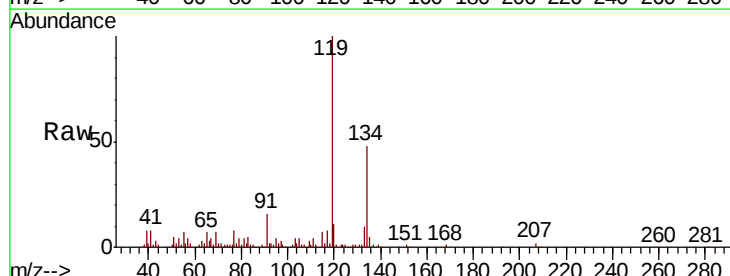
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MS

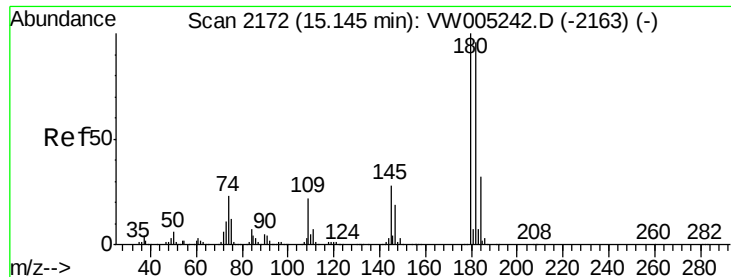
Tgt Ion:146 Resp: 5493
 Ion Ratio Lower Upper
 146 100
 111 235.4 20.5 61.5#
 148 61.5 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 37.599 ug/l
 RT: 14.46 min Scan# 2060
 Delta R.T. -0.03 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

Tgt Ion: 75 Resp: 337
 Ion Ratio Lower Upper
 75 100
 155 0.0 47.4 142.2#
 157 0.0 59.4 178.2#

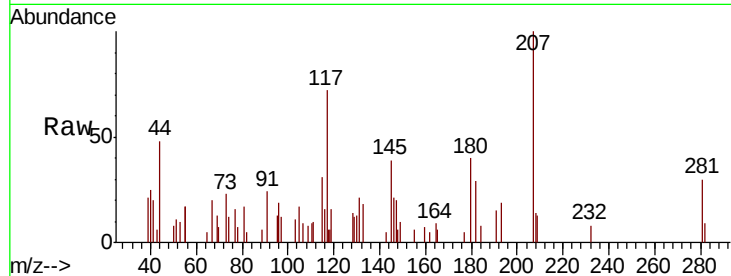




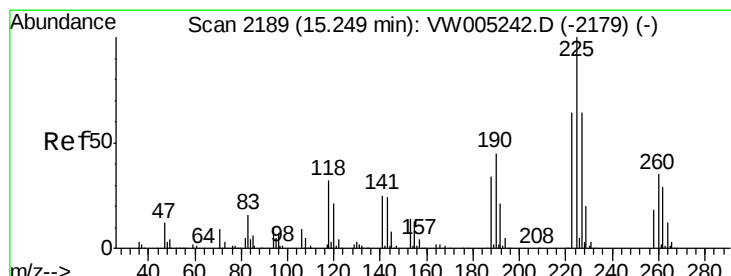
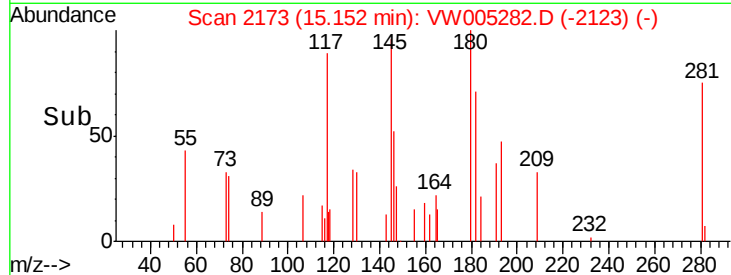
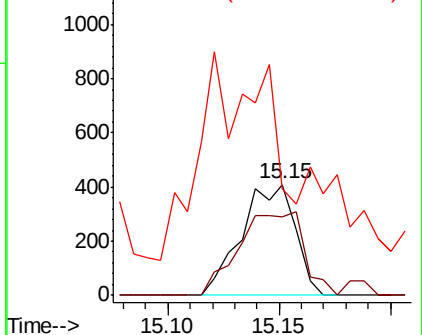
#93
 1,2,4-Trichlorobenzene
 Concen: 6.228 ug/l
 RT: 15.15 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MS

Tgt Ion:180 Resp: 687
 Ion Ratio Lower Upper
 180 100
 182 90.5 48.1 144.4
 145 0.0 14.5 43.6#

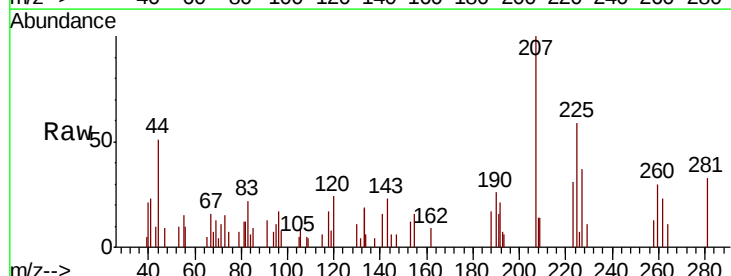


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

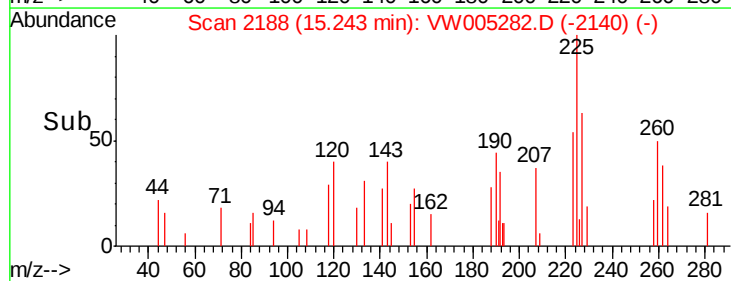
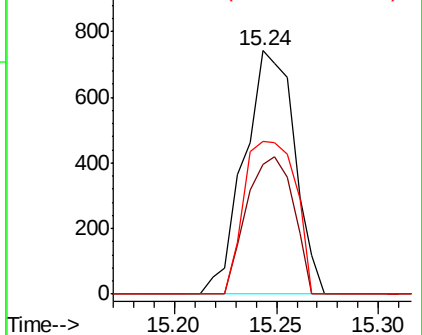


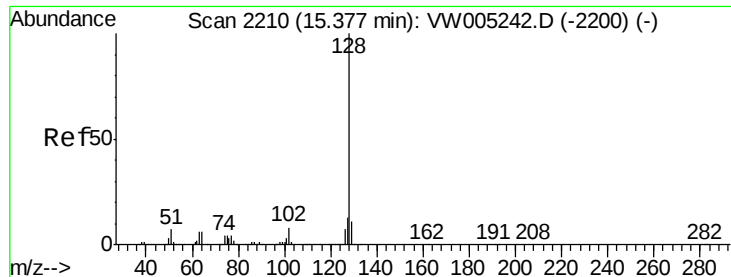
#94
 Hexachlorobutadiene
 Concen: 18.008 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

Tgt Ion:225 Resp: 1272
 Ion Ratio Lower Upper
 225 100
 223 52.4 31.4 94.2
 227 64.3 32.0 96.0



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

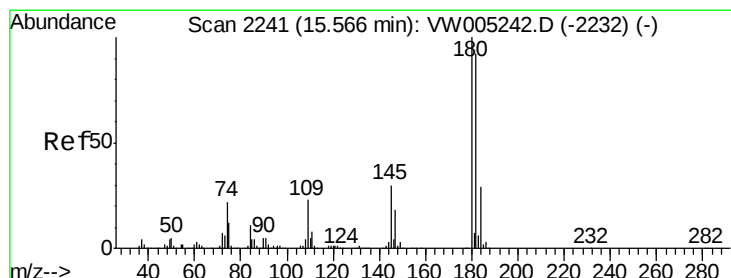
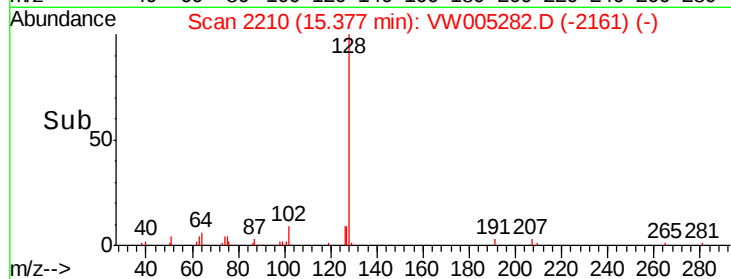
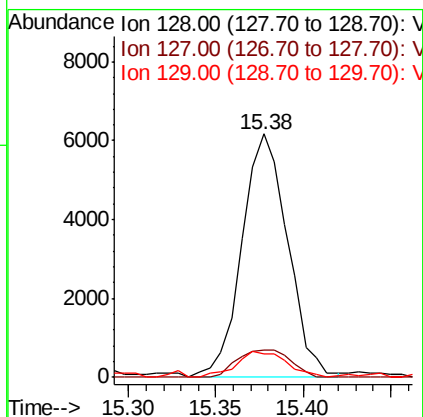
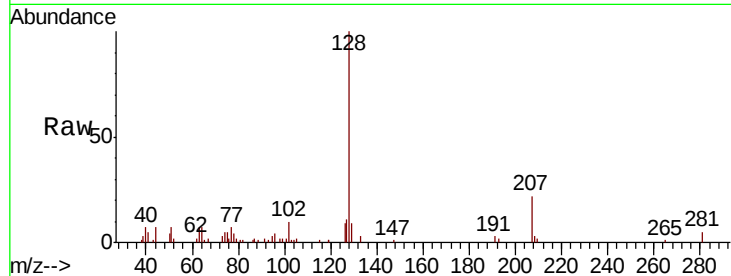




#95
Naphthalene
Concen: 63.239 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MS

Tgt Ion:128 Resp: 11310
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 3.772 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion:180 Resp: 358
Ion Ratio Lower Upper
180 100
182 94.4 47.2 141.6
145 85.8 15.2 45.6#

