

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
 Data File : VW005254.D
 Acq On : 10 Sep 2018 21:19
 Operator : SY/AP
 Sample : J4821-03MSD
 Misc : 13.70G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Sep 11 03:52:17 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	509719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	772307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	762583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	396928	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	196831	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	7.89	113	193448	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	10.33	98	1048570	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.63	95	373885	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	205169	46.661	ug/l	99
3) Chloromethane	2.22	50	293408	49.912	ug/l	98
4) Vinyl Chloride	2.36	62	280063	51.896	ug/l	97
5) Bromomethane	2.76	94	181593	55.821	ug/l	93
6) Chloroethane	2.92	64	151154	50.847	ug/l	93
7) Trichlorofluoromethane	3.26	101	294335	48.213	ug/l	97
8) Diethyl Ether	3.69	74	110669	50.866	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	210091	48.179	ug/l	98
10) Methyl Iodide	4.28	142	270930	49.987	ug/l	99
11) Tert butyl alcohol	5.17	59	74130	237.766	ug/l	100
12) 1,1-Dichloroethene	4.04	96	197876	49.283	ug/l	99
13) Acrolein	3.90	56	67678	224.720	ug/l	100
14) Allyl chloride	4.68	41	306701	49.714	ug/l	99
15) Acrylonitrile	5.37	53	253129	257.878	ug/l	99
16) Acetone	4.13	43	207045	293.400	ug/l	99
17) Carbon Disulfide	4.39	76	695524	49.351	ug/l	97
18) Methyl Acetate	4.68	43	110713	52.557	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	506471	52.961	ug/l	98
20) Methylene Chloride	4.92	84	279306	53.487	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	225393	48.079	ug/l	95
22) Diisopropyl ether	6.32	45	689539	55.517	ug/l	97
23) Vinyl Acetate	6.26	43	1905517	275.294	ug/l	99
24) 1,1-Dichloroethane	6.23	63	394213	51.561	ug/l	98
25) 2-Butanone	7.18	43	287842	258.595	ug/l	94
26) 2,2-Dichloropropane	7.18	77	306845	46.290	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	251991	50.225	ug/l	99
28) Bromochloromethane	7.52	49	150309	53.291	ug/l	97
29) Tetrahydrofuran	7.54	42	198611	264.774	ug/l	99
30) Chloroform	7.68	83	420815	54.846	ug/l	100
31) Cyclohexane	7.96	56	413927	50.881	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	357976	51.644	ug/l	100
36) 1,1-Dichloropropene	8.09	75	340545	48.129	ug/l	99
37) Ethyl Acetate	7.26	43	131813	48.977	ug/l	99
38) Carbon Tetrachloride	8.07	117	311841	47.049	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	443430	47.201	ug/l	96
40) Benzene	8.33	78	1060690	50.883	ug/l	98
41) Methacrylonitrile	7.50	41	72503	52.510	ug/l	96
42) 1,2-Dichloroethane	8.41	62	244692	49.066	ug/l	99
43) Isopropyl Acetate	8.43	43	260342	52.092	ug/l	99
44) Trichloroethene	9.10	130	280365	49.026	ug/l	95
45) 1,2-Dichloropropane	9.38	63	260744	52.039	ug/l	94
46) Dibromomethane	9.46	93	119962	48.913	ug/l	98
47) Bromodichloromethane	9.65	83	301033	50.175	ug/l	97
48) Methyl methacrylate	9.44	41	136041	52.424	ug/l	92
49) 1,4-Dioxane	9.45	88	47237	1031.587	ug/l	100
51) 4-Methyl-2-Pentanone	10.22	43	772341	274.613	ug/l	99
52) Toluene	10.40	92	777759	51.336	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	331760	51.167	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	381191	49.093	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	196641	50.285	ug/l	98
56) Ethyl methacrylate	10.65	69	274185	55.306	ug/l	99
57) 1,3-Dichloropropane	10.94	76	329424	50.731	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	565504	262.442	ug/l	100
59) 2-Hexanone	10.98	43	550189	271.354	ug/l	99
60) Dibromochloromethane	11.13	129	218244	50.296	ug/l	100
61) 1,2-Dibromoethane	11.24	107	182454	50.878	ug/l	99
64) Tetrachloroethene	10.87	164	288958	51.073	ug/l	99
65) Chlorobenzene	11.66	112	836957	50.101	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	253527	50.829	ug/l	99
67) Ethyl Benzene	11.74	91	1493513	51.337	ug/l	98
68) m/p-Xylenes	11.85	106	1181162	100.752	ug/l	99
69) o-Xylene	12.17	106	559693	51.314	ug/l	99
70) Styrene	12.19	104	926072	52.034	ug/l	100
71) Bromoform	12.35	173	136700	50.547	ug/l #	98
73) Isopropylbenzene	12.48	105	1492167	53.206	ug/l	100
74) N-amyl acetate	12.28	43	313072	58.673	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	230409	54.667	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	303578	99.437	ug/l #	100
77) Bromobenzene	12.76	156	351351	53.178	ug/l	98
78) n-propylbenzene	12.81	91	1768626	52.509	ug/l	99
79) 2-Chlorotoluene	12.90	91	1016795	52.642	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1249420	52.319	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	67387	51.765	ug/l	98
82) 4-Chlorotoluene	13.00	91	1064073	52.411	ug/l	99
83) tert-Butylbenzene	13.21	119	1101839	52.755	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1257910	52.418	ug/l	99
85) sec-Butylbenzene	13.39	105	1540471	51.320	ug/l	99
86) p-Isopropyltoluene	13.51	119	1361873	51.252	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	700116	50.465	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	690140	50.648	ug/l	99
89) n-Butylbenzene	13.83	91	1240715	49.670	ug/l	98
90) Hexachloroethane	14.10	117	215661	50.657	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	629617	51.633	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	38189	54.487	ug/l	97

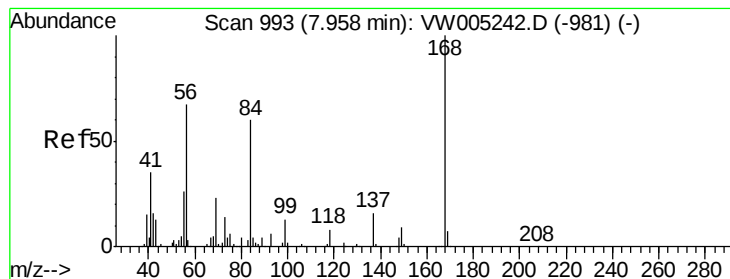
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	396467	45.964	ug/l	99
94) Hexachlorobutadiene	15.25	225	227532	41.193	ug/l	99
95) Naphthalene	15.38	128	724694	51.819	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	347169	46.775	ug/l	100

(#) = 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: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

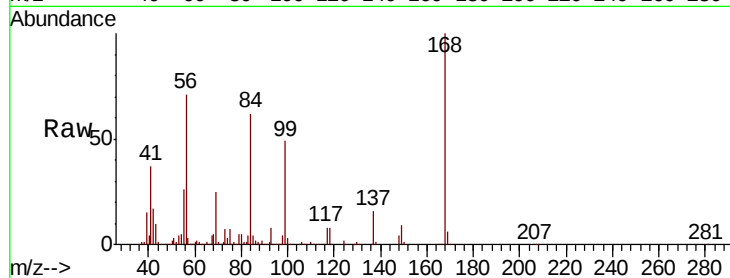
ENY-SB-02-61.0-61.5MSD

Tgt Ion:168 Resp: 509719

Ion Ratio Lower Upper

168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

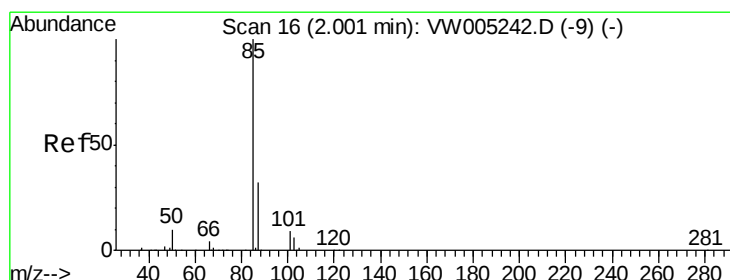
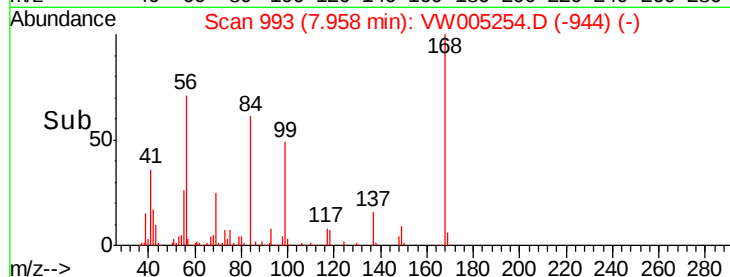
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 46.661 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005254.D

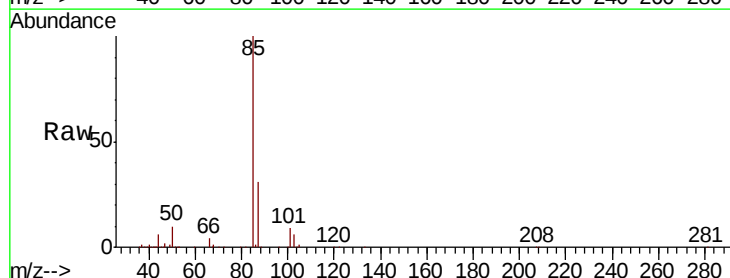
Acq: 10 Sep 2018 21:19

Tgt Ion: 85 Resp: 205169

Ion Ratio Lower Upper

85 100

87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

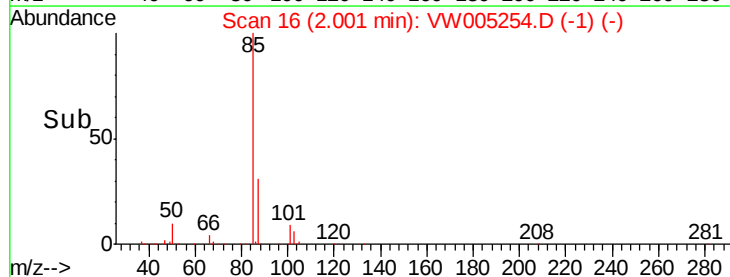
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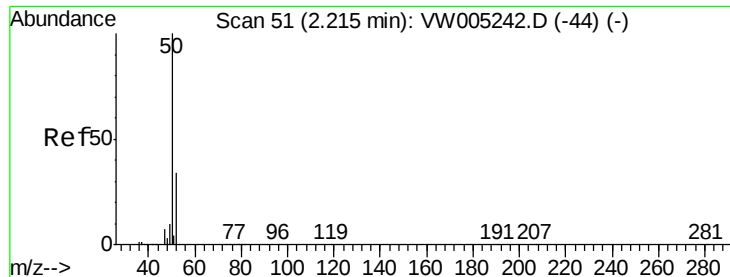
100000

50000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 49.912 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

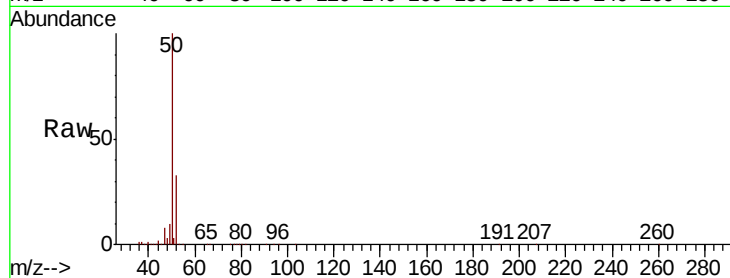
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 50 Resp: 293408

Ion Ratio Lower Upper

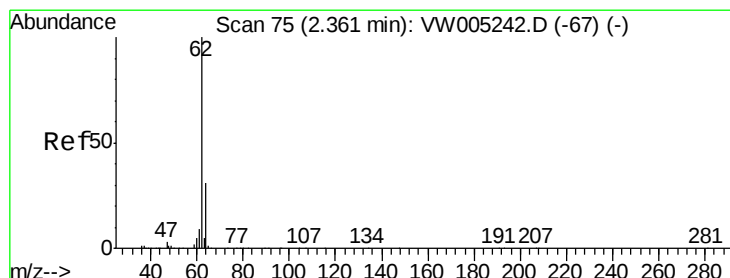
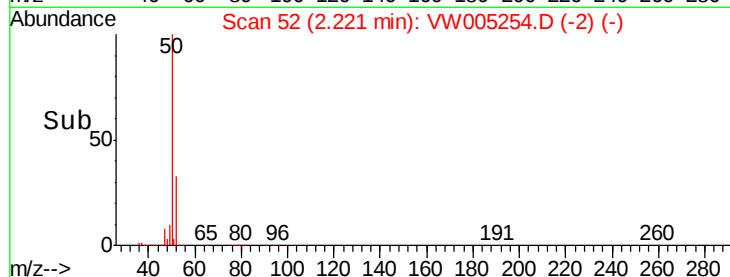
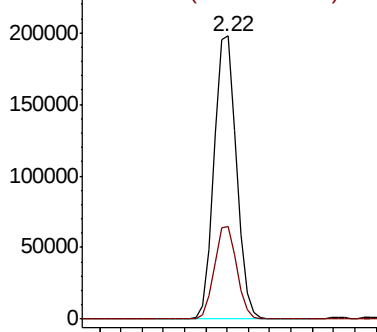
50 100

52 32.7 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: 51.896 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005254.D

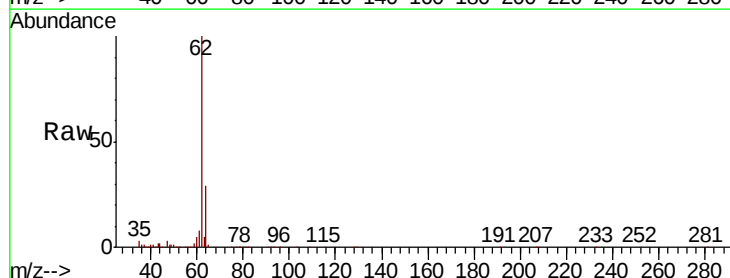
Acq: 10 Sep 2018 21:19

Tgt Ion: 62 Resp: 280063

Ion Ratio Lower Upper

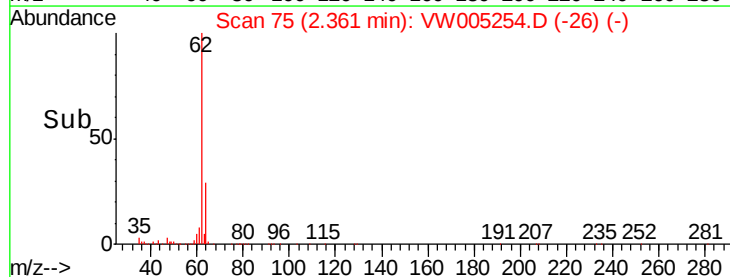
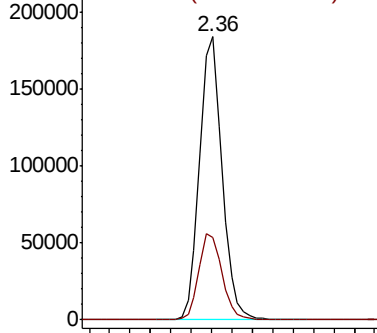
62 100

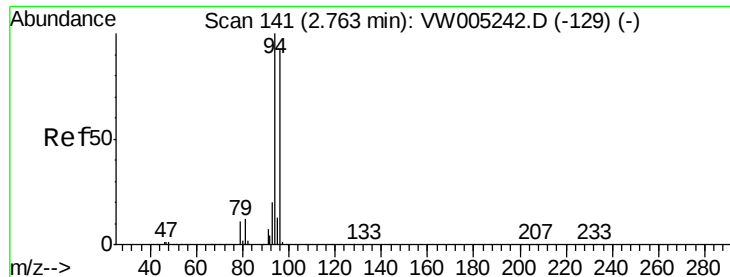
64 28.9 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 55.821 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW005254.D

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Instrument :

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ClientSampleId :

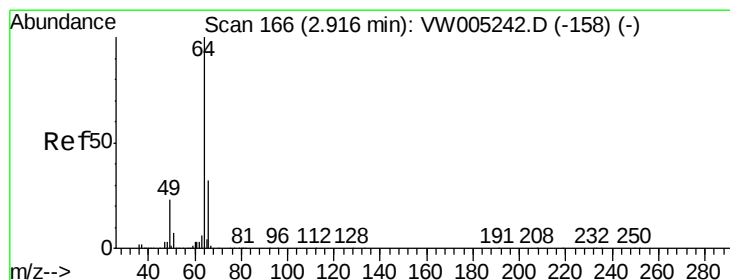
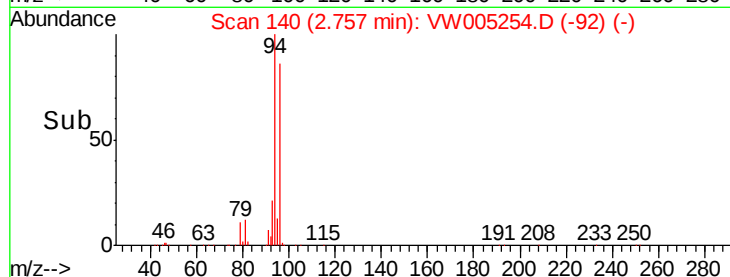
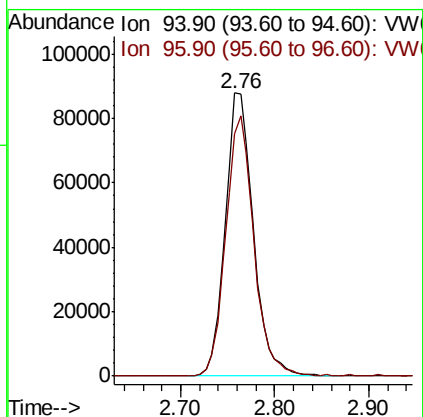
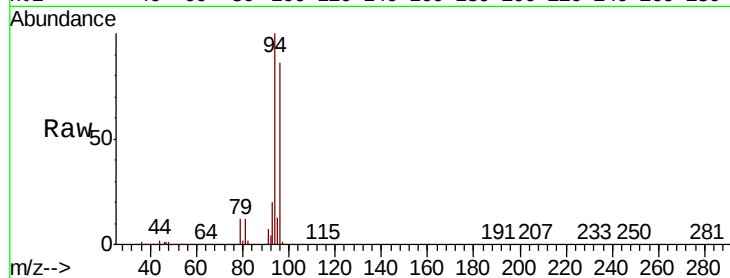
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 94 Resp: 181593

Ion Ratio Lower Upper

94 100

96 85.6 74.1 111.1



#6

Chloroethane

Concen: 50.847 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW005254.D

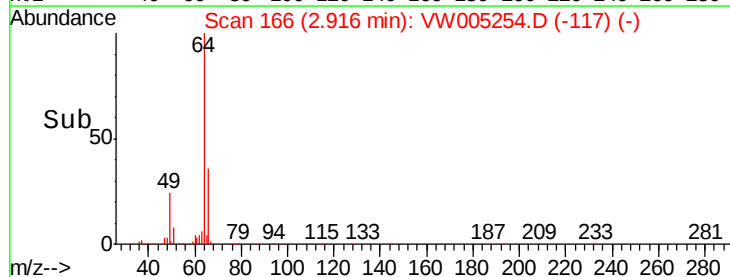
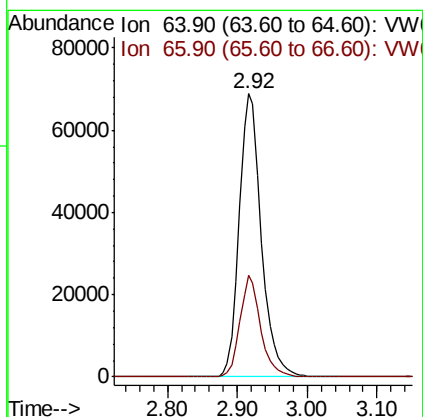
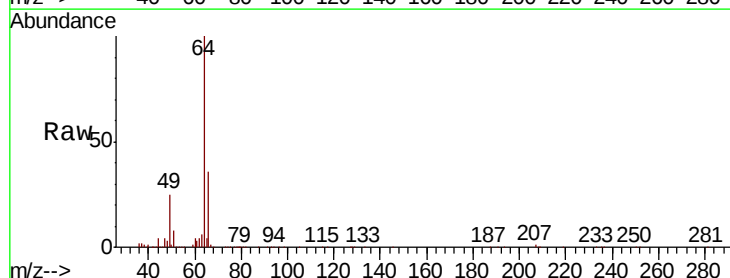
Acq: 10 Sep 2018 21:19

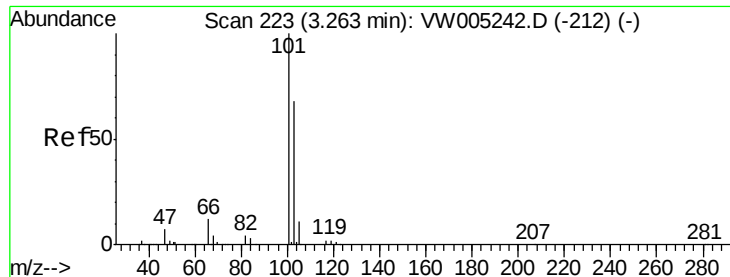
Tgt Ion: 64 Resp: 151154

Ion Ratio Lower Upper

64 100

66 35.7 25.3 37.9



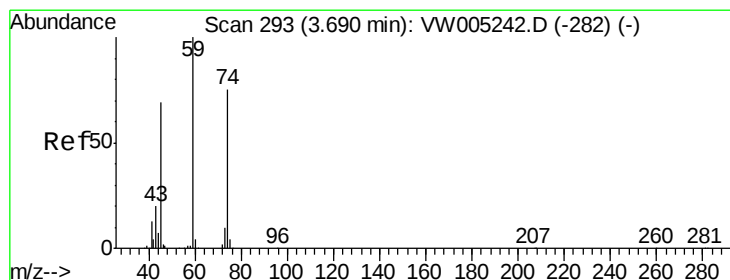
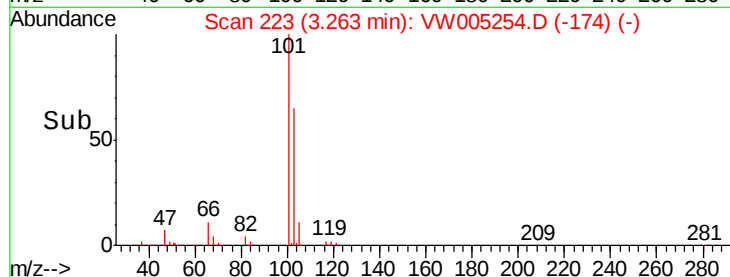
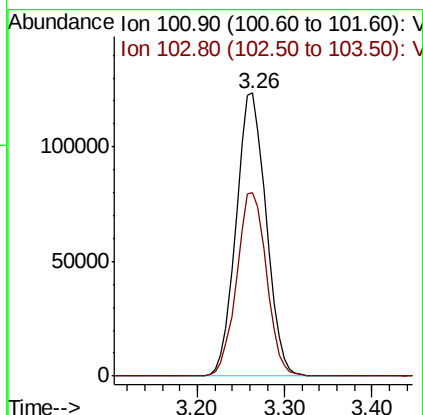
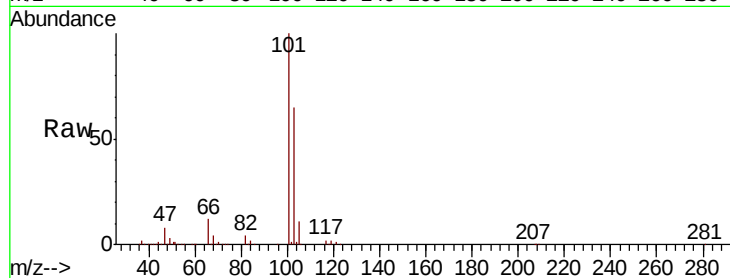


#7

Trichlorofluoromethane
 Concen: 48.213 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW005254.D
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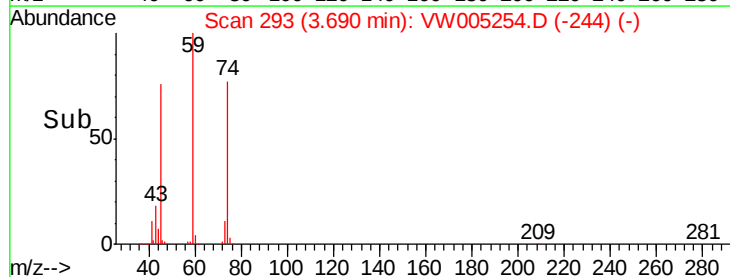
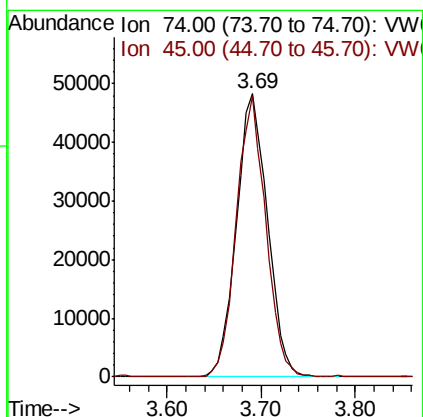
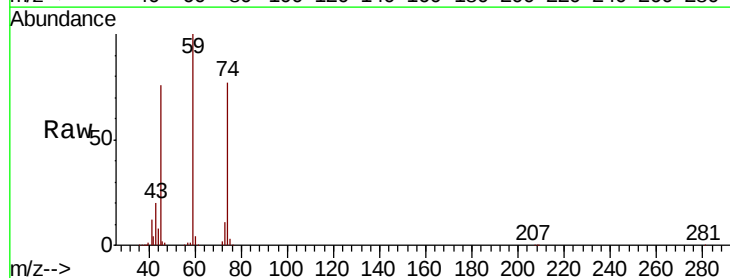
Tgt Ion: 101 Resp: 294335
 Ion Ratio Lower Upper
 101 100
 103 65.1 54.1 81.1

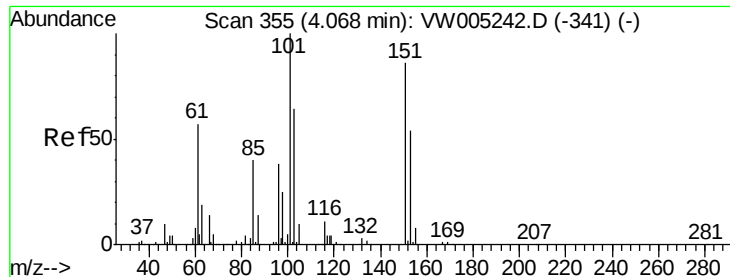


#8

Diethyl Ether
 Concen: 50.866 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

Tgt Ion: 74 Resp: 110669
 Ion Ratio Lower Upper
 74 100
 45 93.9 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.179 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

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MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

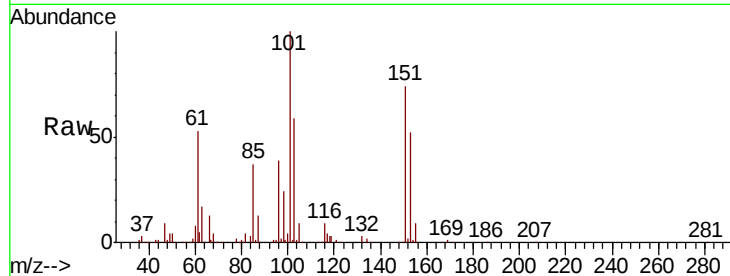
Tgt Ion:101 Resp: 210091

Ion Ratio Lower Upper

101 100

85 40.5 32.7 49.1

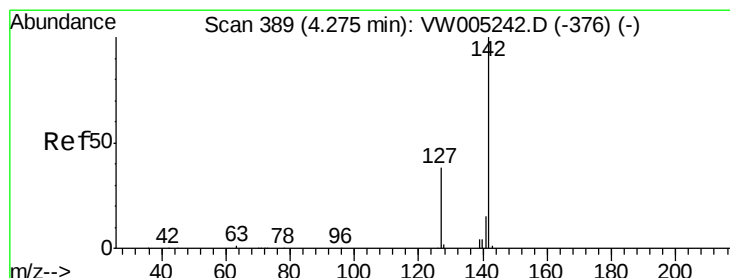
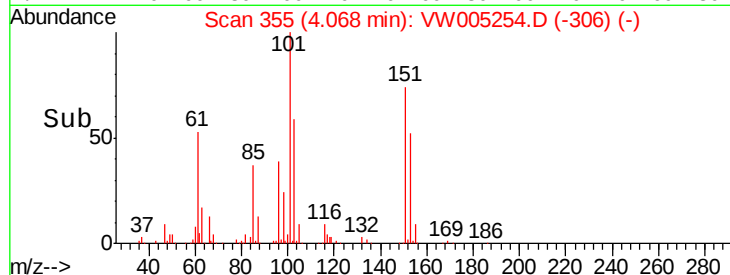
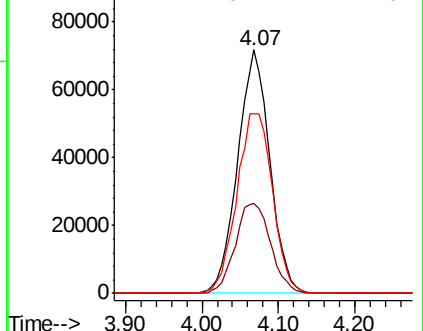
151 82.0 67.6 101.4



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: 49.987 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

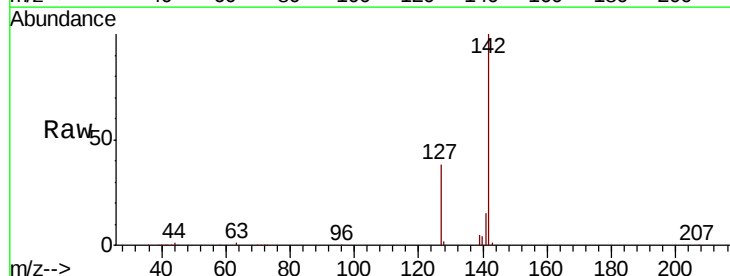
Tgt Ion:142 Resp: 270930

Ion Ratio Lower Upper

142 100

127 38.2 30.3 45.5

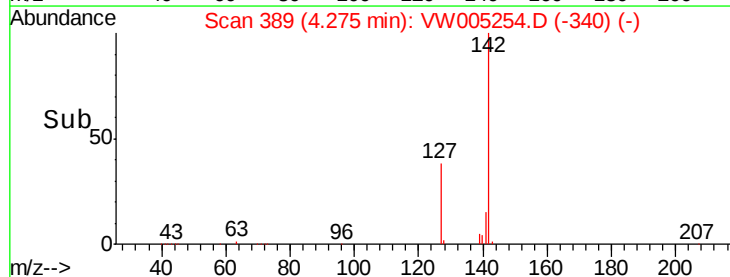
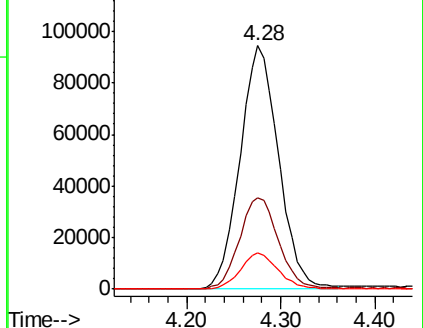
141 14.5 11.4 17.0

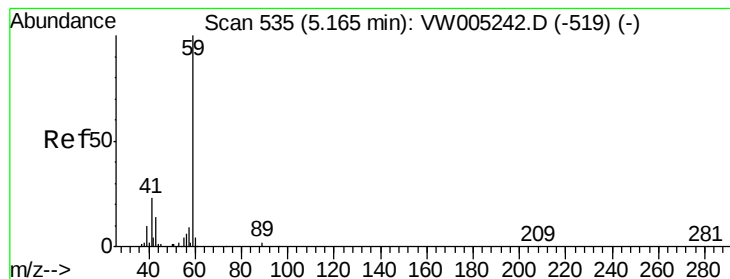


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



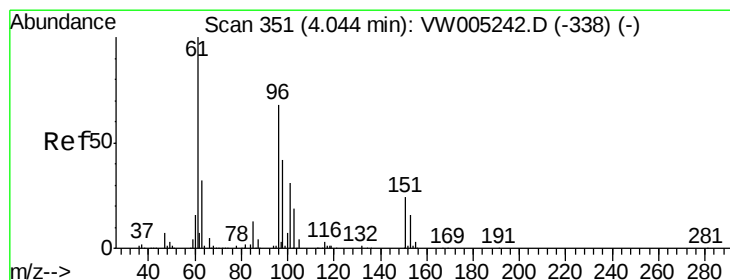
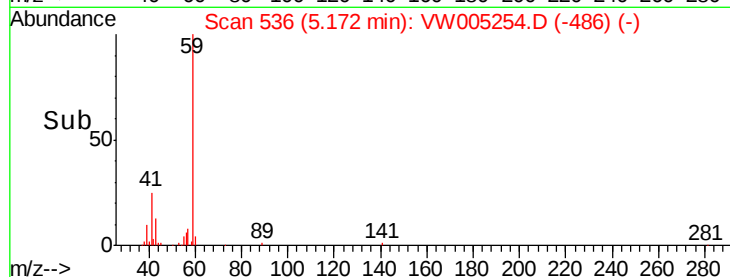
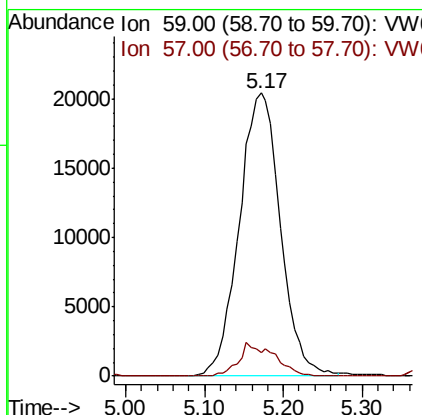
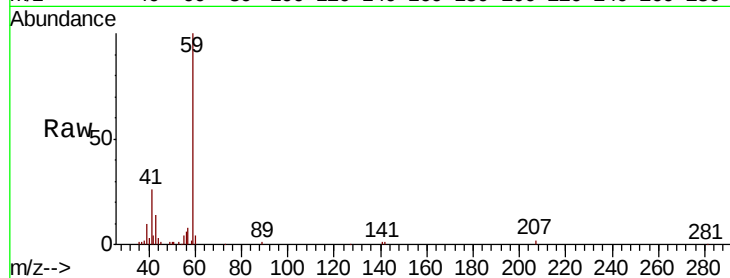


#11

Tert butyl alcohol
 Concen: 237.766 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

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

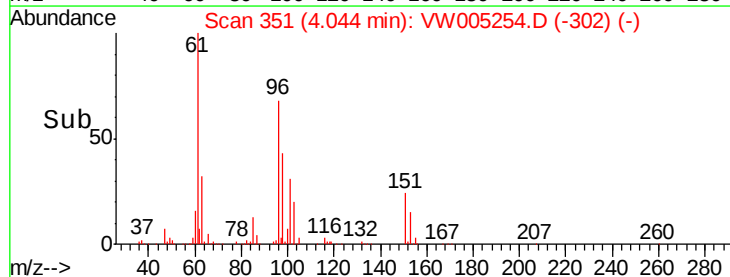
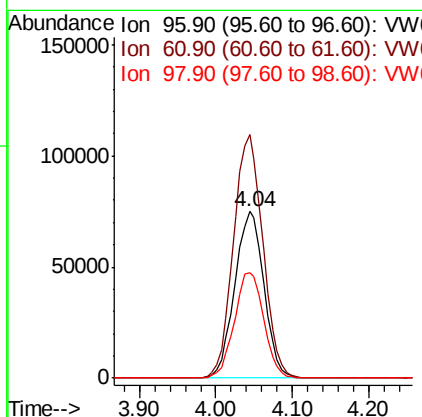
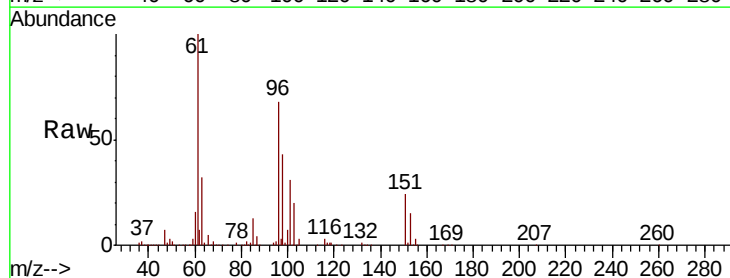
Tgt Ion: 59 Resp: 74130
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.1 12.1

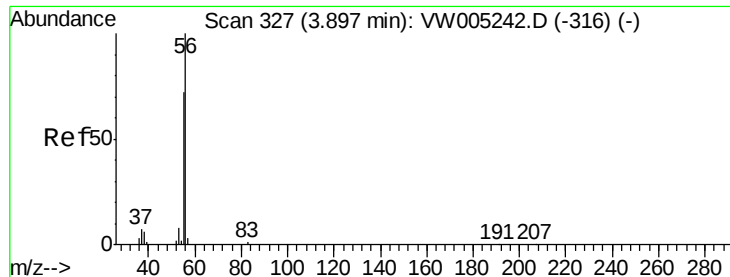


#12

1,1-Dichloroethene
 Concen: 49.283 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

Tgt Ion: 96 Resp: 197876
 Ion Ratio Lower Upper
 96 100
 61 146.4 118.2 177.2
 98 63.5 49.9 74.9





#13

Acrolein

Concen: 224.720 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

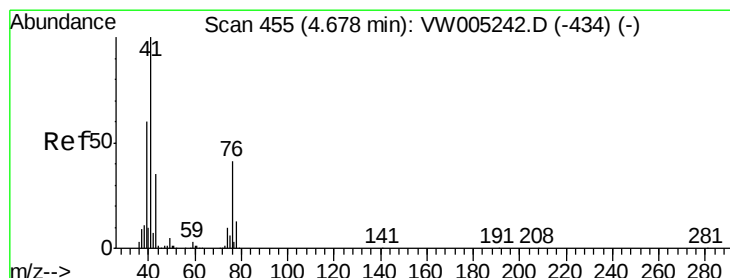
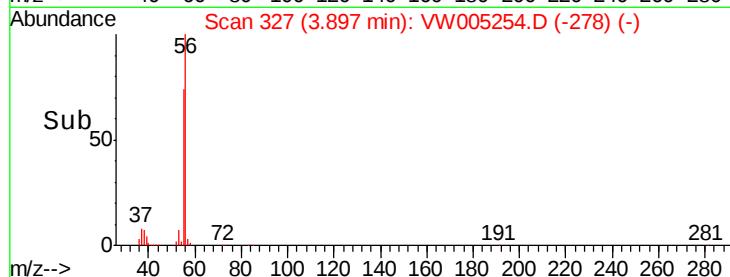
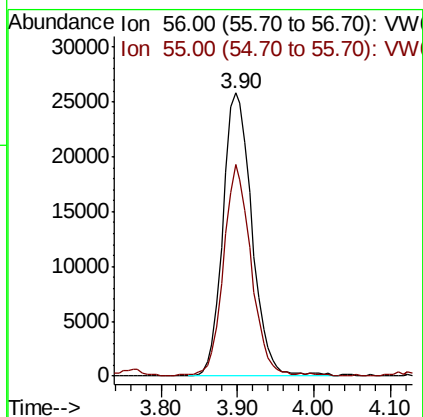
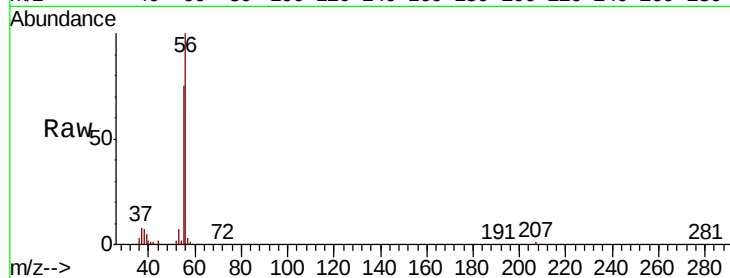
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 56 Resp: 67678

Ion Ratio Lower Upper

56 100

55 71.0 56.8 85.2



#14

Allyl chloride

Concen: 49.714 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

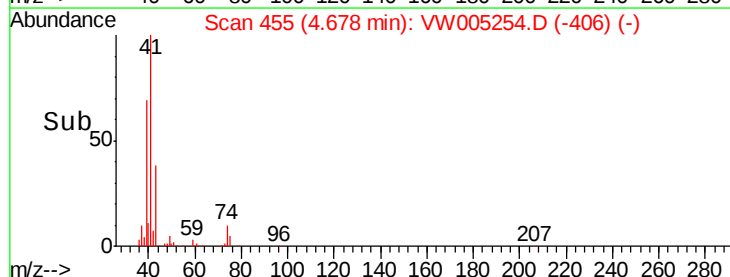
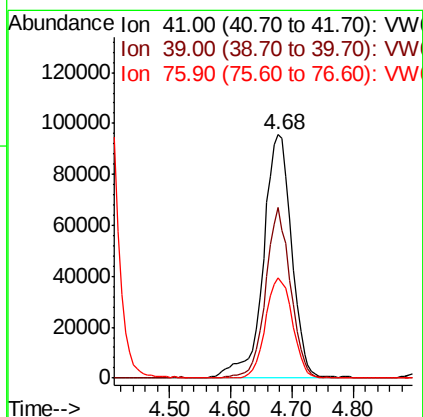
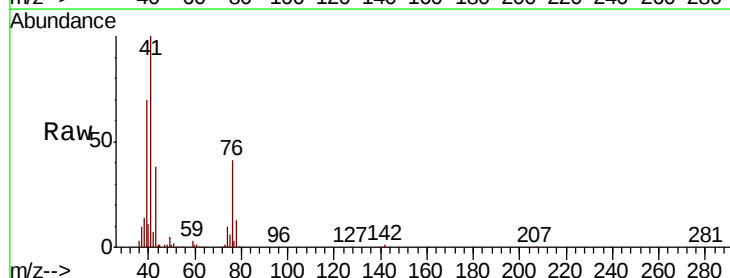
Tgt Ion: 41 Resp: 306701

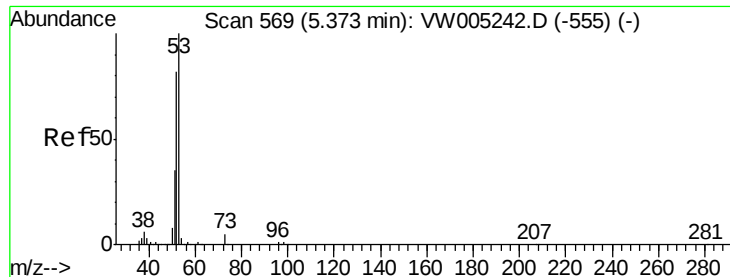
Ion Ratio Lower Upper

41 100

39 61.4 48.2 72.4

76 39.1 31.7 47.5





#15

Acrylonitrile

Concen: 257.878 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

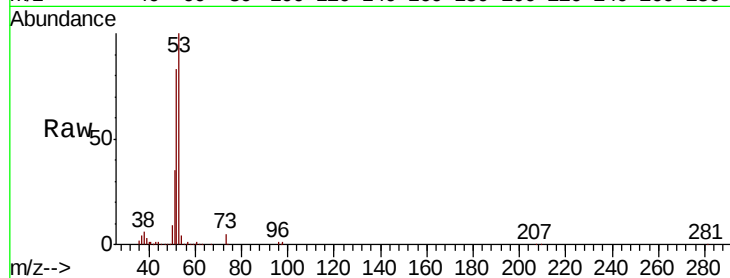
MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tgt Ion: 53 Resp: 253129

Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.0	99.0
51	35.8	28.6	43.0

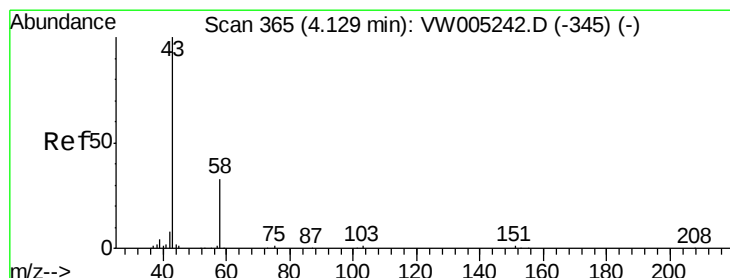
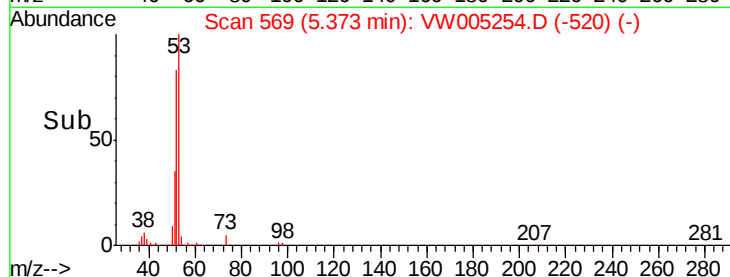
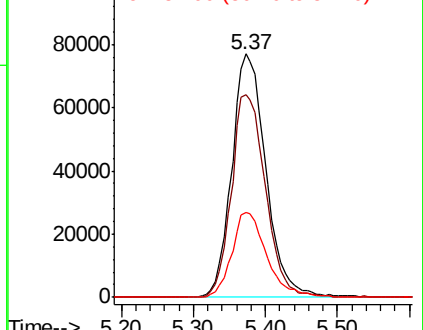


Abundance

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: 293.400 ug/l

RT: 4.13 min Scan# 365

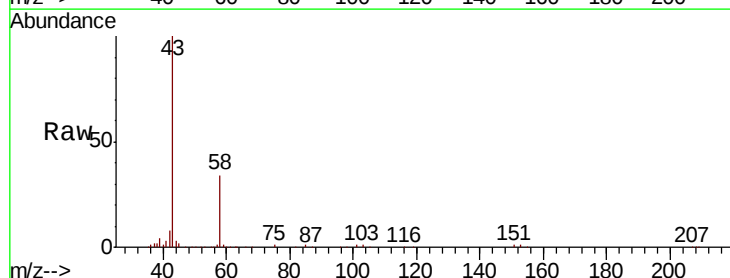
Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Tgt Ion: 43 Resp: 207045

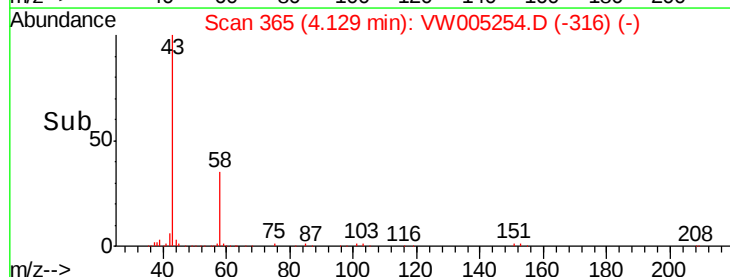
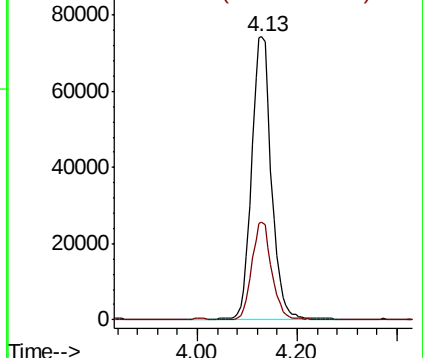
Ion	Ratio	Lower	Upper
43	100		
58	34.3	26.7	40.1

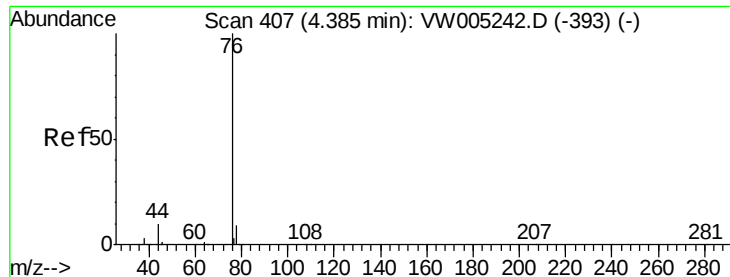


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

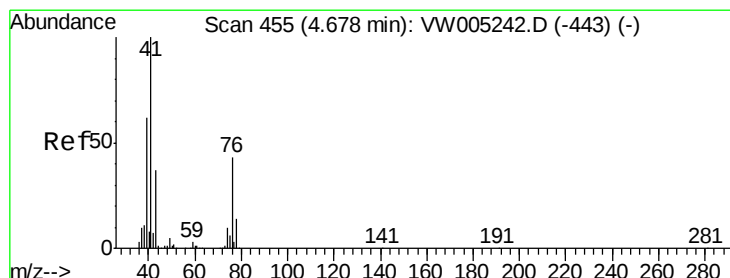
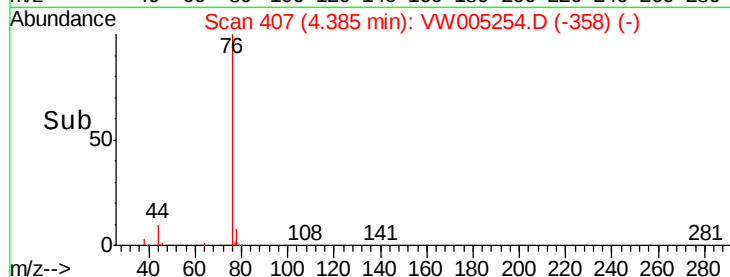
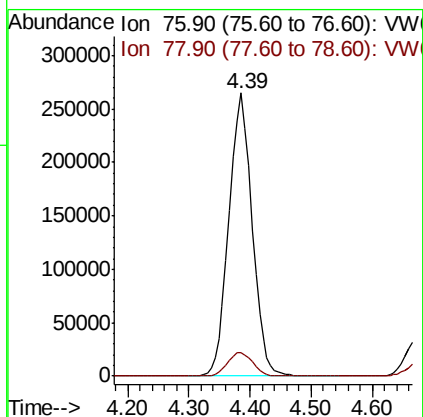
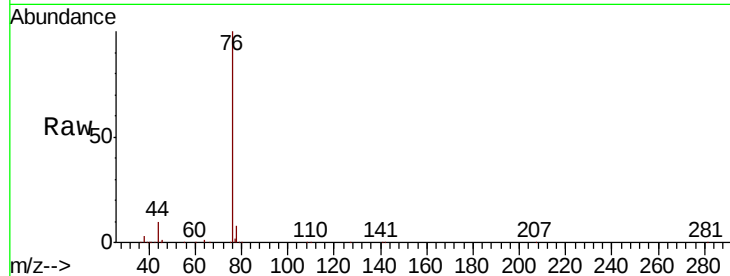




#17
Carbon Disulfide
Concen: 49.351 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

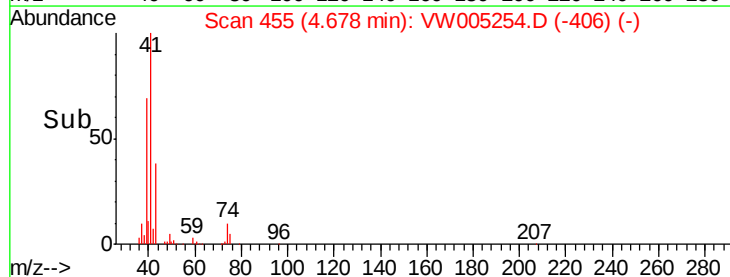
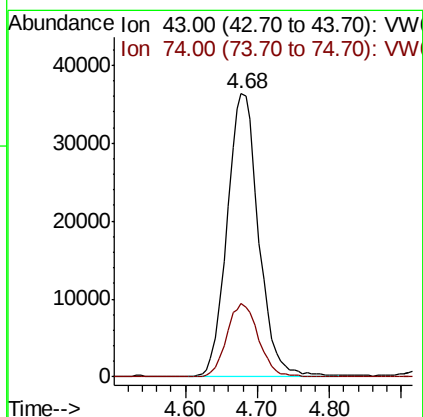
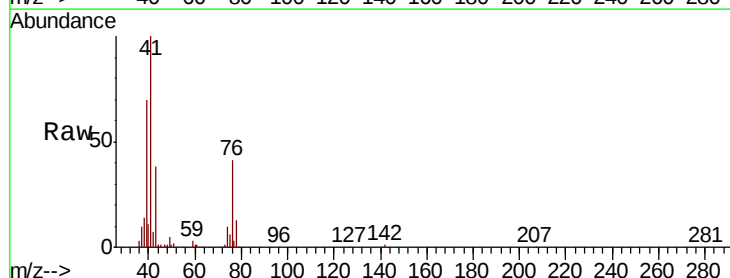
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

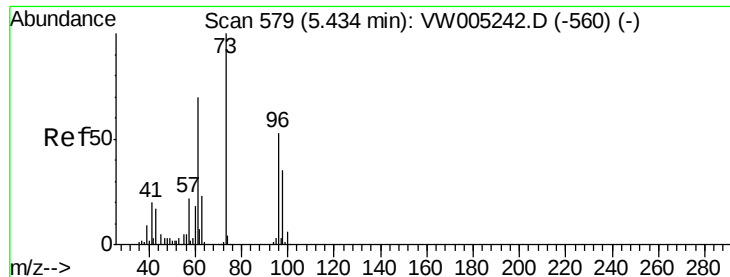
Tgt Ion: 76 Resp: 695524
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 52.557 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

Tgt Ion: 43 Resp: 110713
Ion Ratio Lower Upper
43 100
74 25.9 21.4 32.2

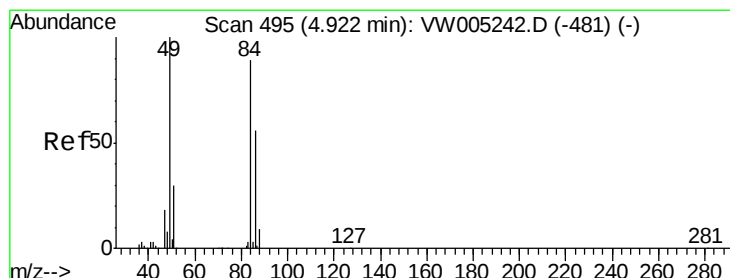
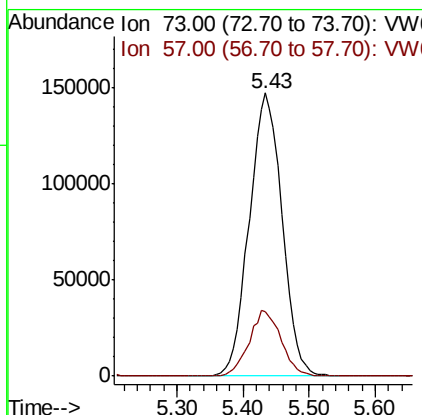
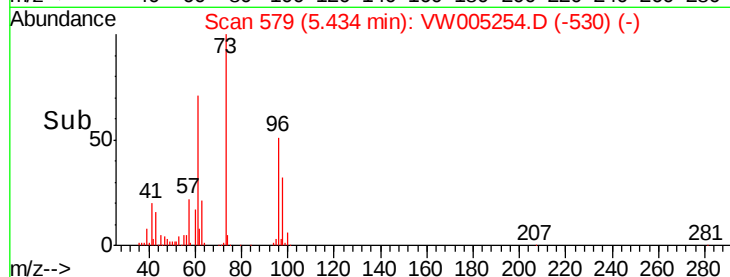
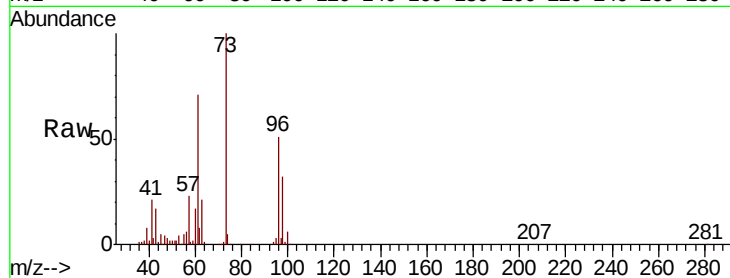




#19
Methyl tert-butyl Ether
Concen: 52.961 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

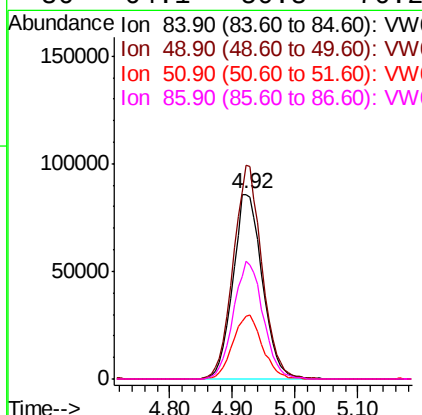
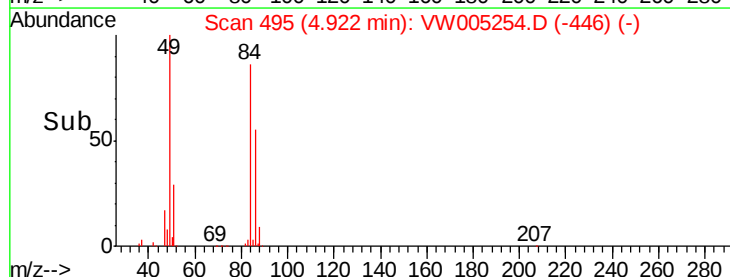
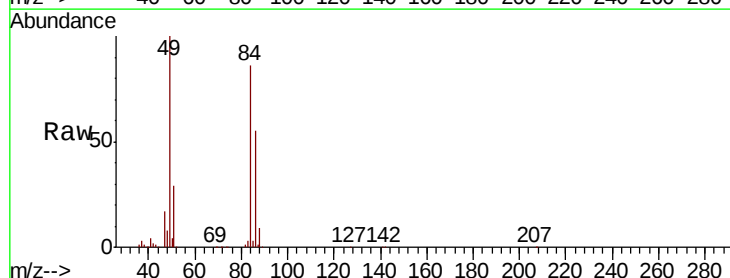
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

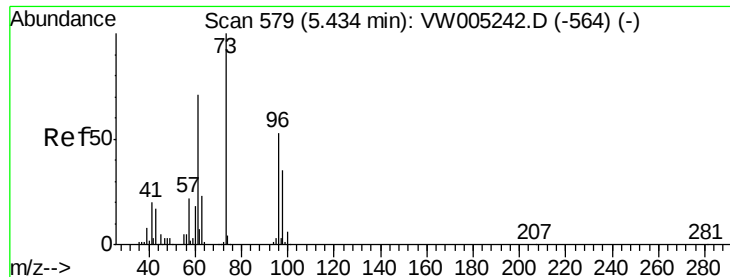
Tgt Ion: 73 Resp: 506471
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.2



#20
Methylene Chloride
Concen: 53.487 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

Tgt Ion: 84 Resp: 279306
Ion Ratio Lower Upper
84 100
49 115.7 90.3 135.5
51 33.7 26.9 40.3
86 64.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.079 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

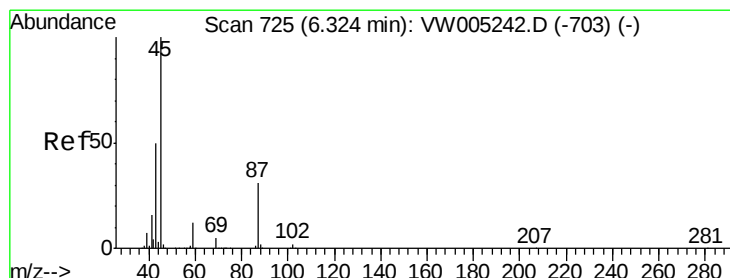
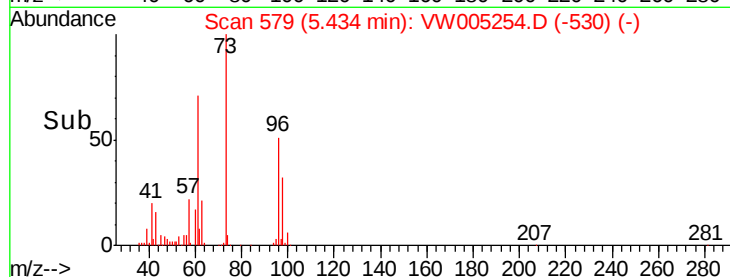
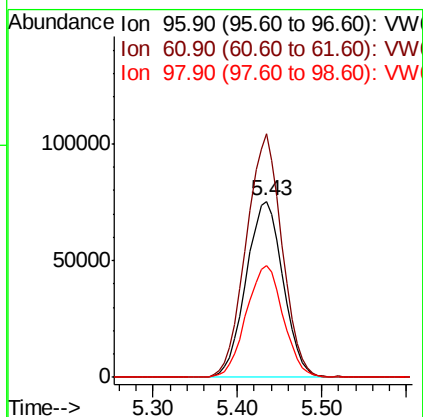
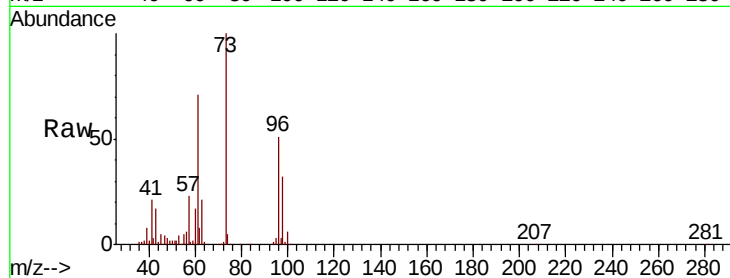
Tgt Ion: 96 Resp: 225393

Ion Ratio Lower Upper

96 100

61 138.2 105.7 158.5

98 63.1 52.8 79.2



#22

Diisopropyl ether

Concen: 55.517 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Tgt Ion: 45 Resp: 689539

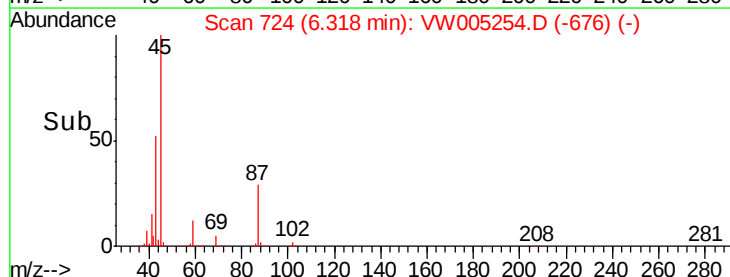
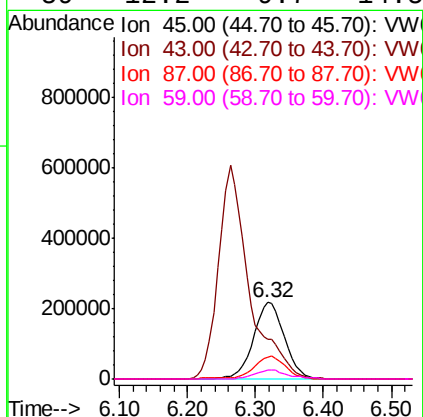
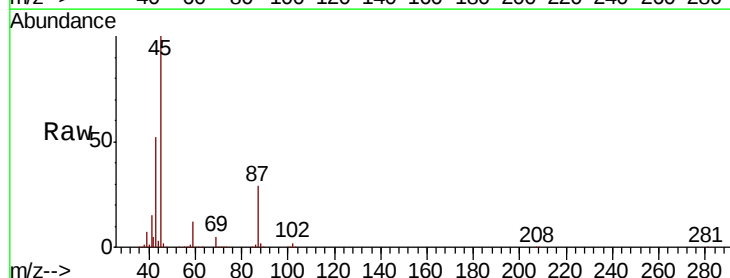
Ion Ratio Lower Upper

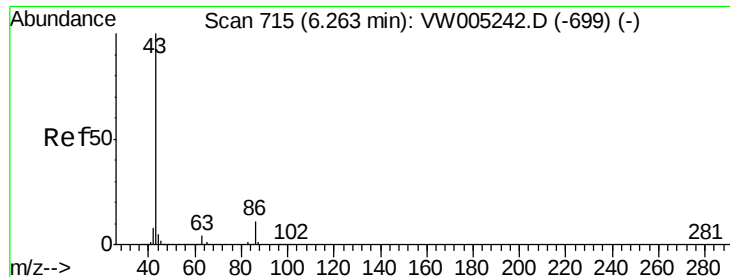
45 100

43 51.5 39.6 59.4

87 28.9 24.7 37.1

59 12.2 9.7 14.5





#23

Vinyl Acetate

Concen: 275.294 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

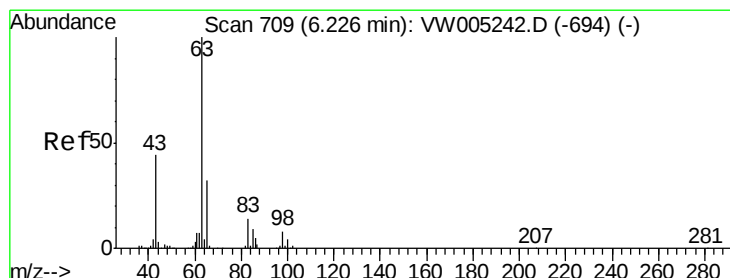
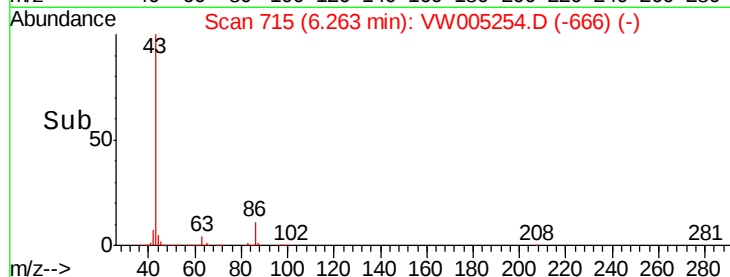
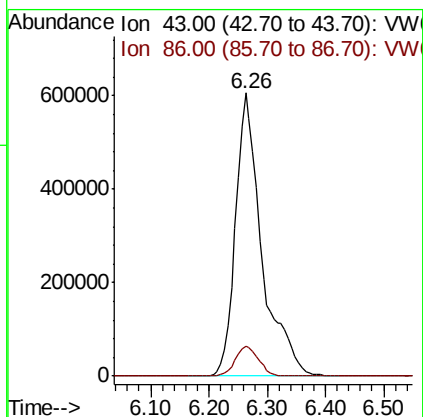
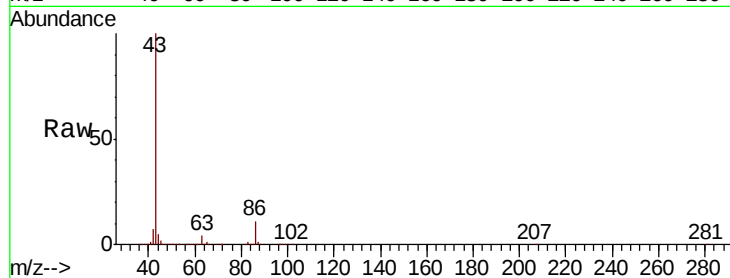
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 43 Resp: 1905517

Ion Ratio Lower Upper

43 100

86 10.6 8.9 13.3



#24

1,1-Dichloroethane

Concen: 51.561 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

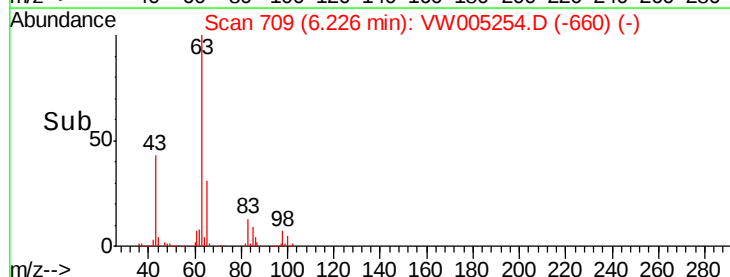
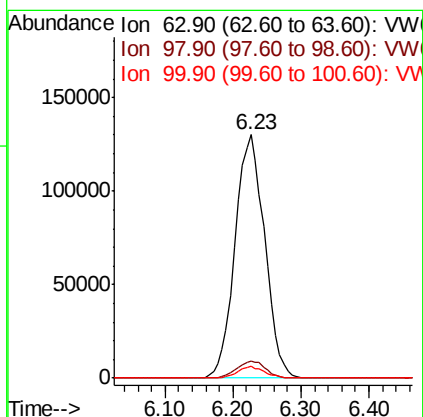
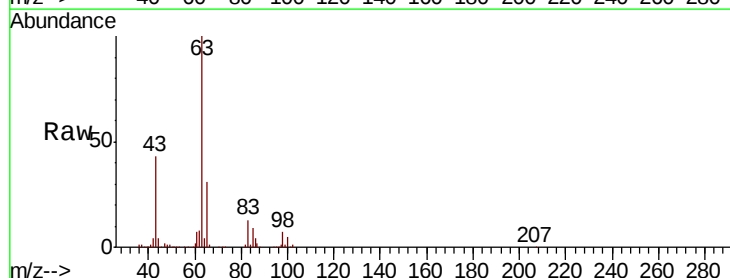
Tgt Ion: 63 Resp: 394213

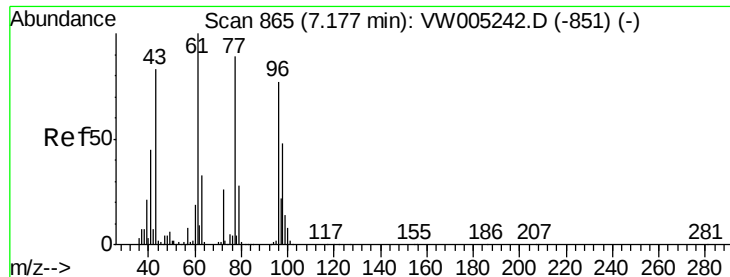
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 258.595 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

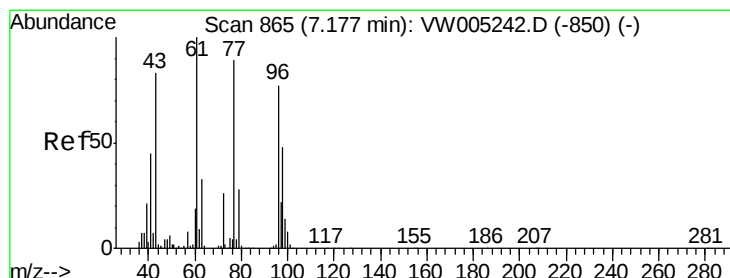
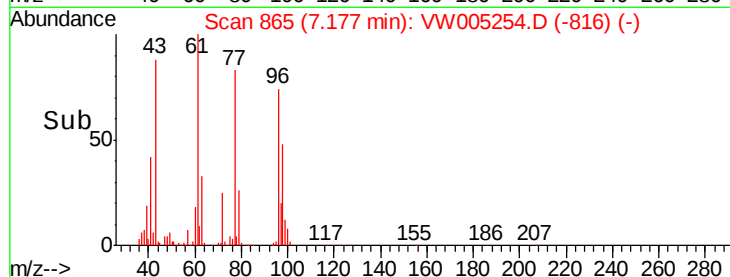
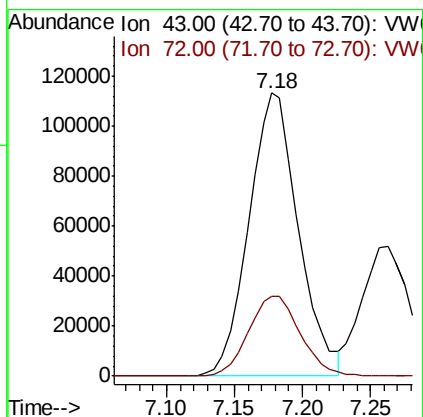
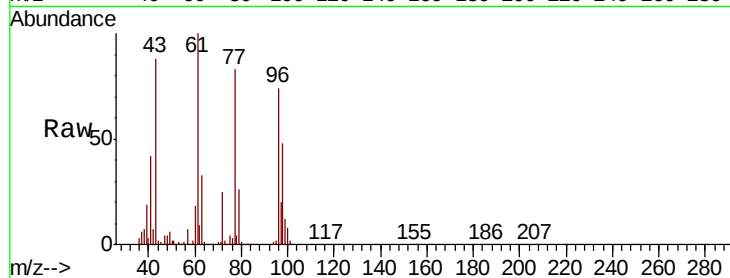
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 43 Resp: 287842

Ion Ratio Lower Upper

43 100

72 28.2 25.0 37.6



#26

2,2-Dichloropropane

Concen: 46.290 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005254.D

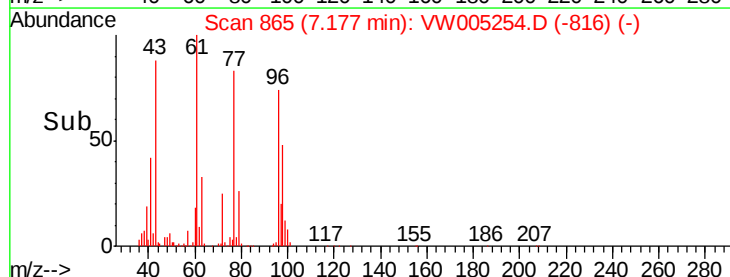
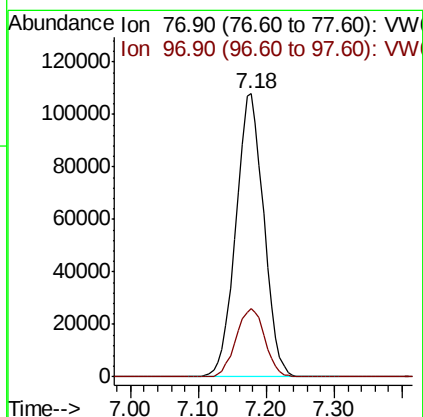
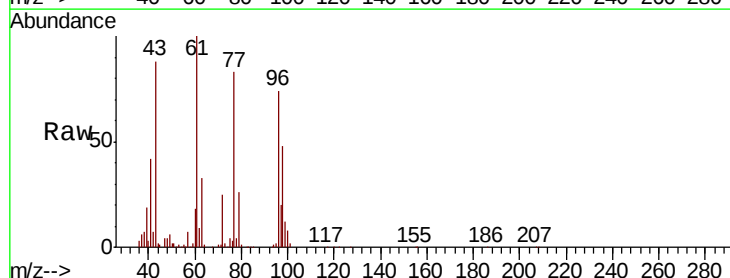
Acq: 10 Sep 2018 21:19

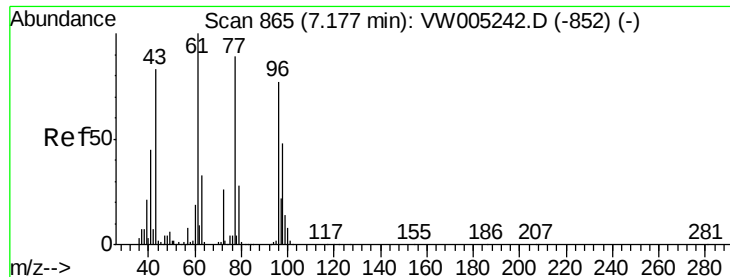
Tgt Ion: 77 Resp: 306845

Ion Ratio Lower Upper

77 100

97 25.0 12.2 36.6



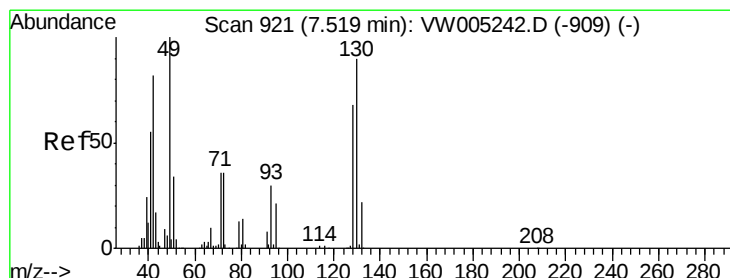
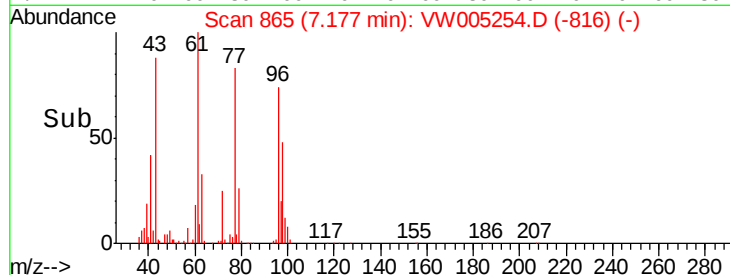
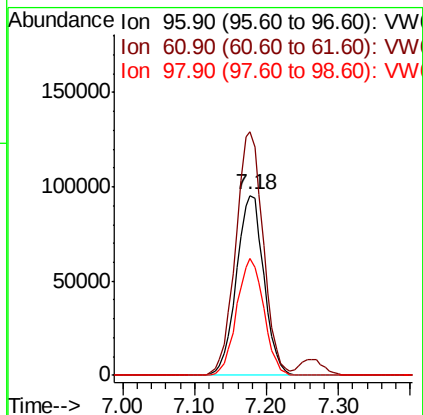
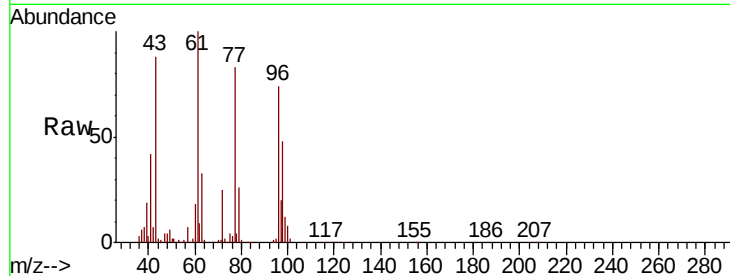


#27

cis-1,2-Dichloroethene
Concen: 50.225 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

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

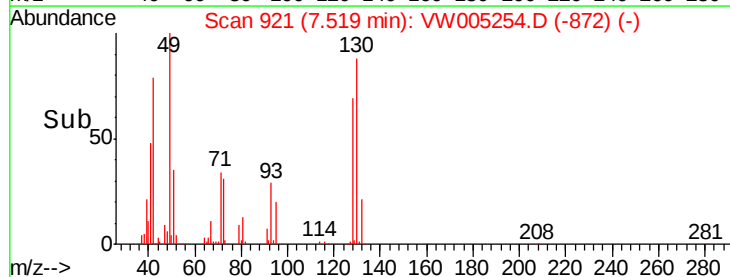
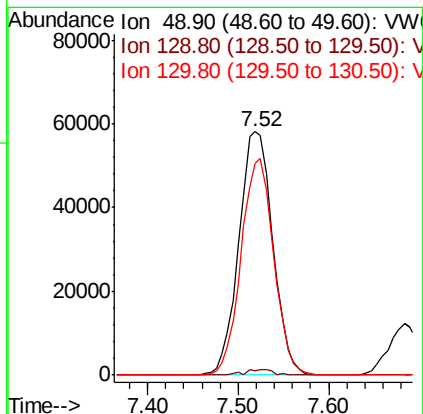
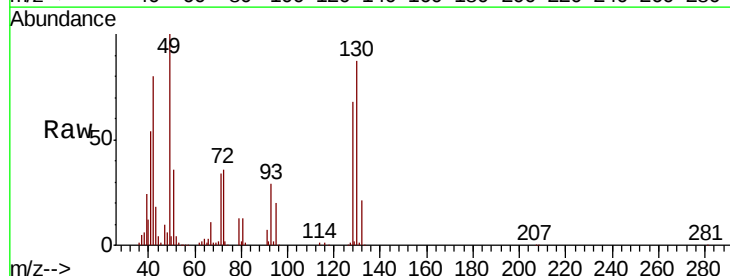
Tgt Ion: 96 Resp: 251991
Ion Ratio Lower Upper
96 100
61 135.9 0.0 273.4
98 64.2 0.0 127.8

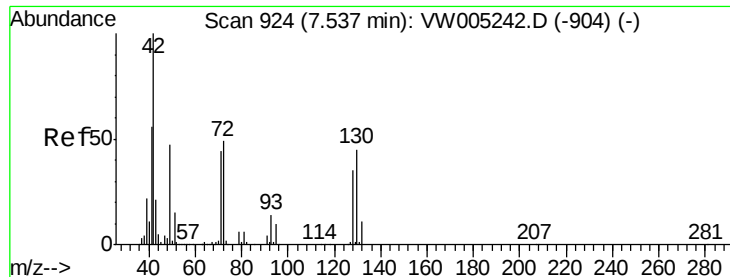


#28

Bromochloromethane
Concen: 53.291 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

Tgt Ion: 49 Resp: 150309
Ion Ratio Lower Upper
49 100
129 1.8 0.0 2.0
130 85.8 71.2 106.8





#29

Tetrahydrofuran

Concen: 264.774 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

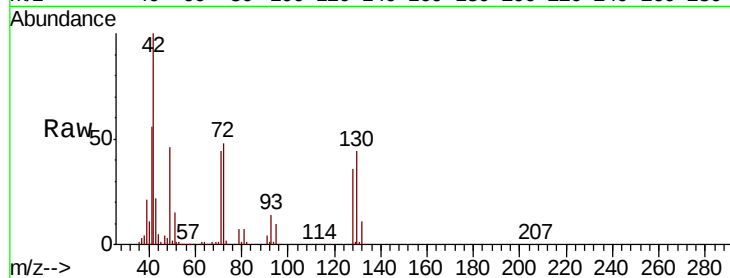
Tgt Ion: 42 Resp: 198611

Ion Ratio Lower Upper

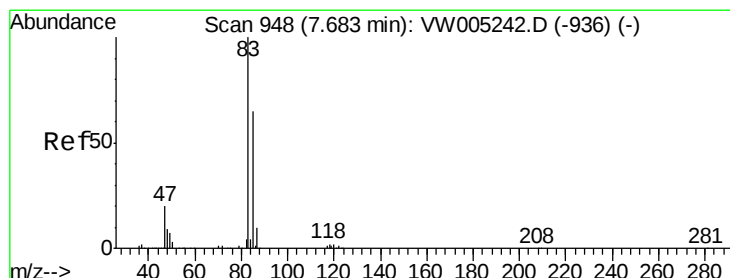
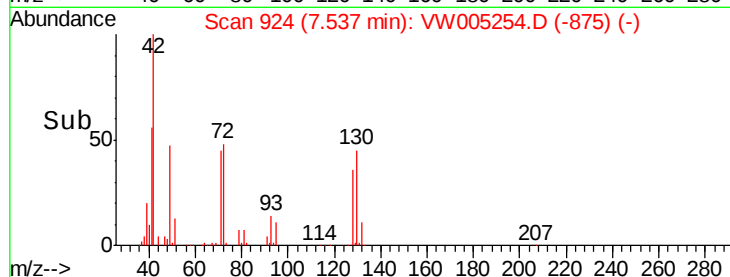
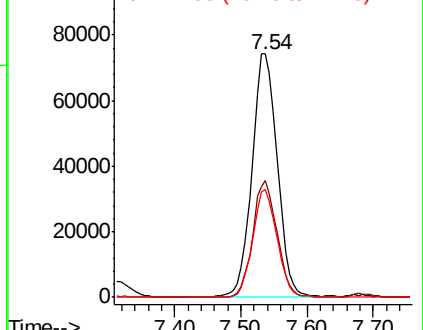
42 100

72 46.0 37.5 56.3

71 42.6 34.8 52.2



Abundance Ion 42.00 (41.70 to 42.70): VW
100000 Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 54.846 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.00 min

Lab File: VW005254.D

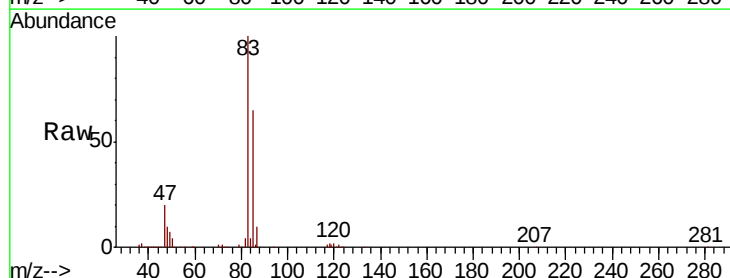
Acq: 10 Sep 2018 21:19

Tgt Ion: 83 Resp: 420815

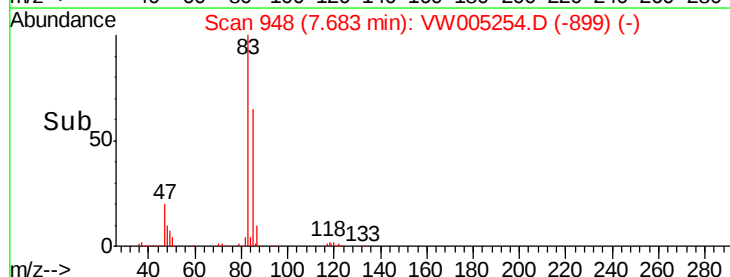
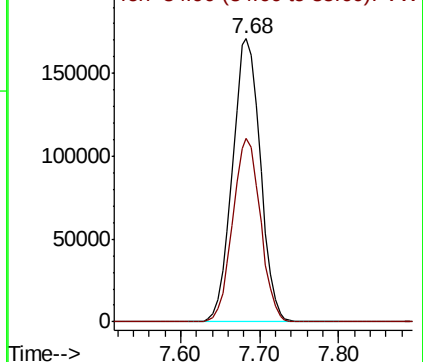
Ion Ratio Lower Upper

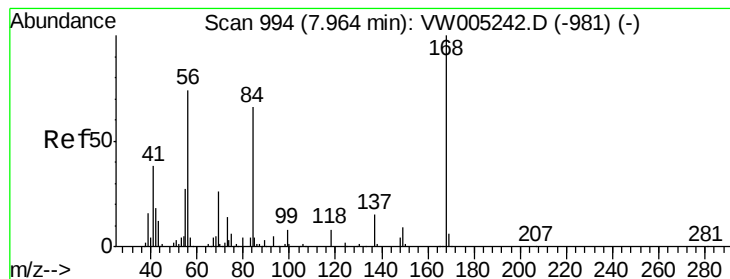
83 100

85 64.8 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VW
200000 Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 50.881 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

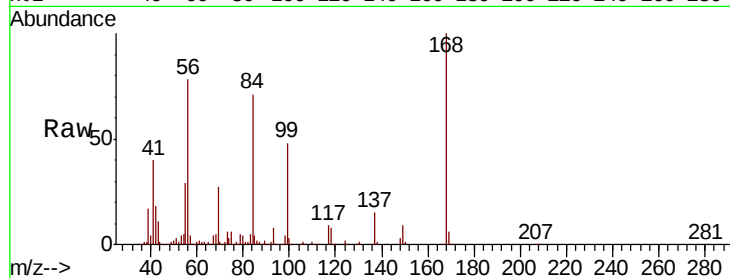
Tgt Ion: 56 Resp: 413927

Ion Ratio Lower Upper

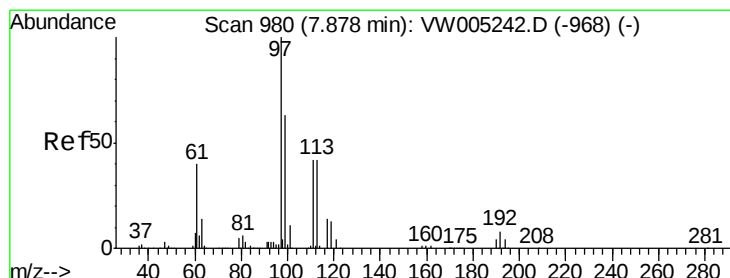
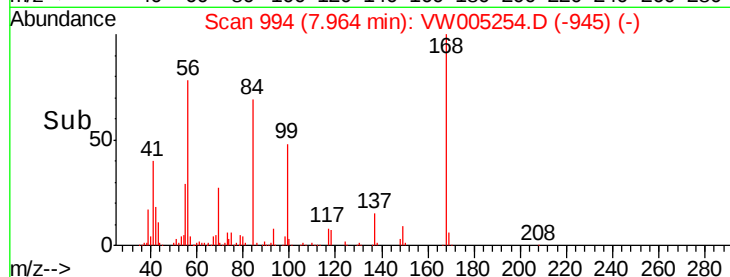
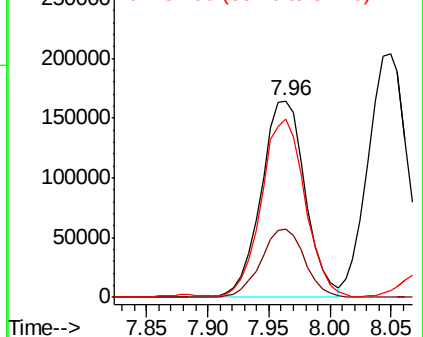
56 100

69 34.4 27.8 41.8

84 89.4 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: 51.644 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

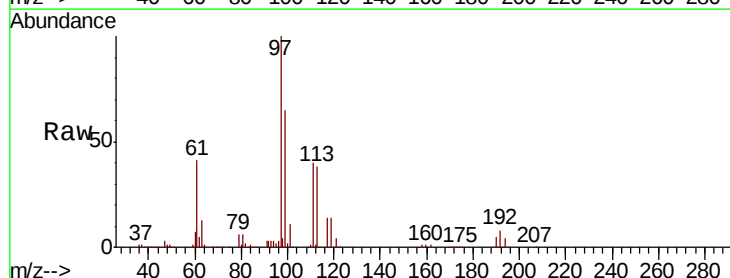
Tgt Ion: 97 Resp: 357976

Ion Ratio Lower Upper

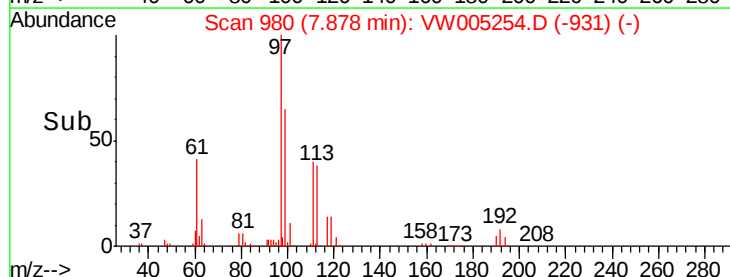
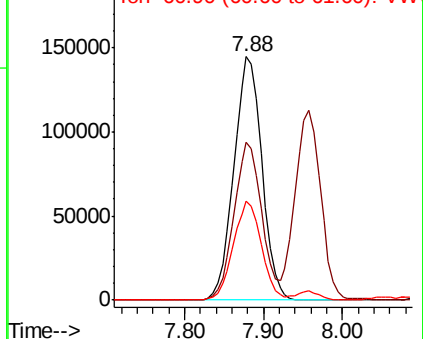
97 100

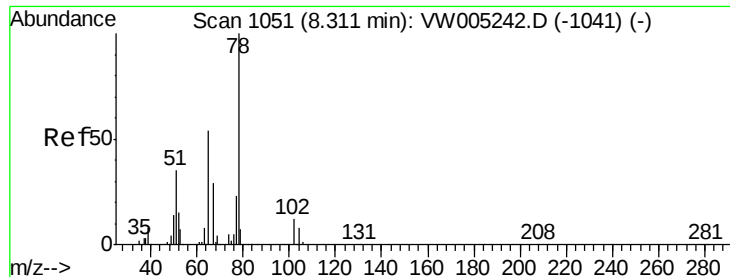
99 64.5 51.5 77.3

61 40.7 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: 51.773 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

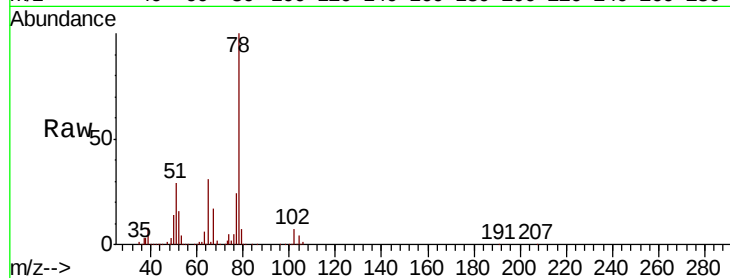
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 65 Resp: 196831

Ion Ratio Lower Upper

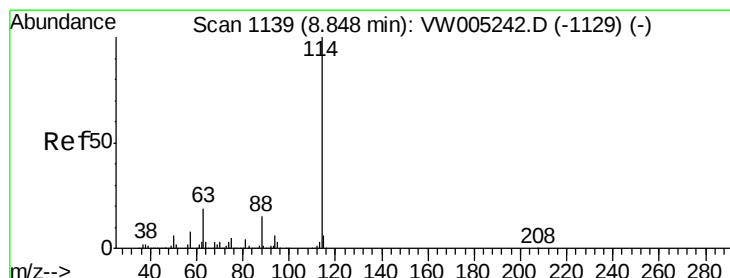
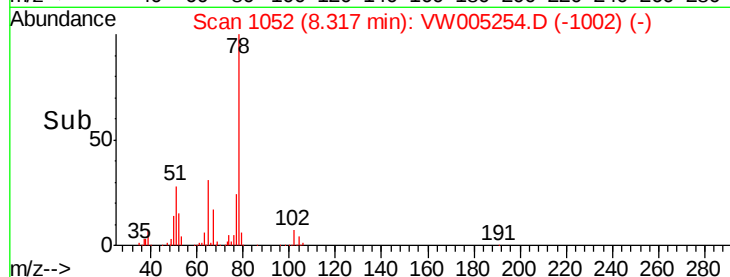
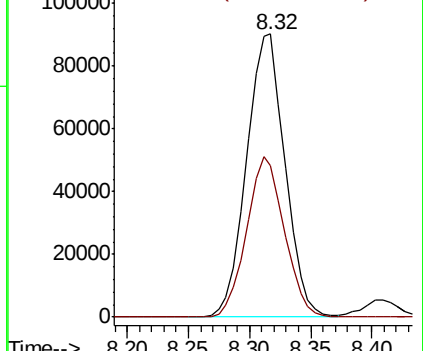
65 100

67 55.7 0.0 112.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

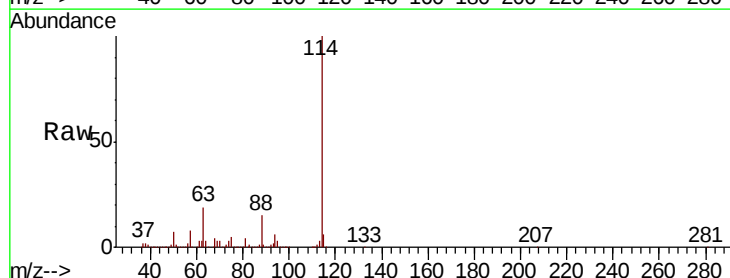
Tgt Ion: 114 Resp: 772307

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

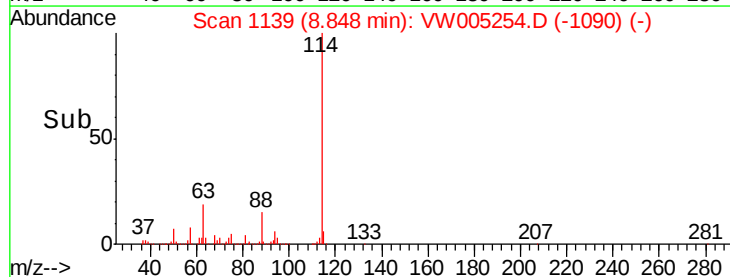
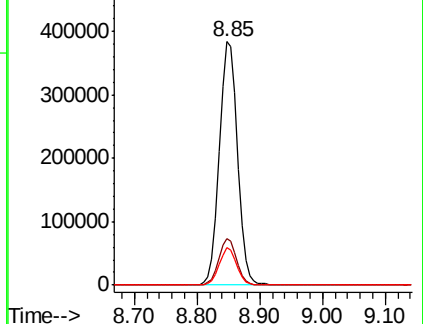
88 15.4 0.0 30.4

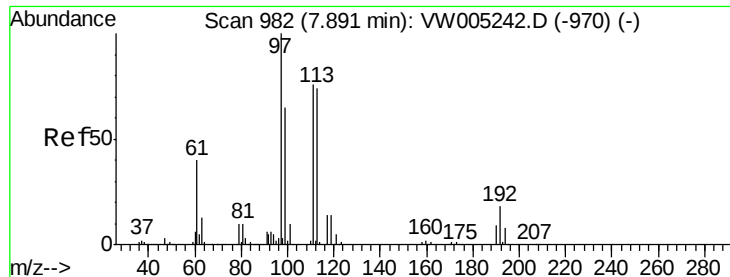


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

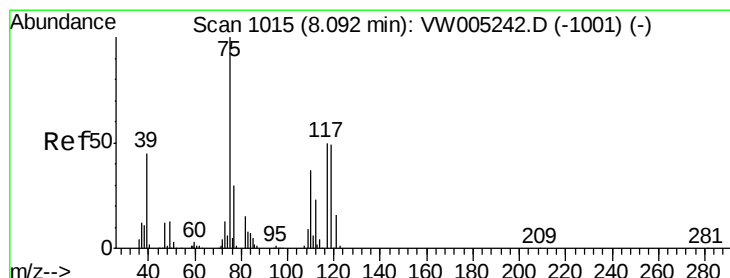
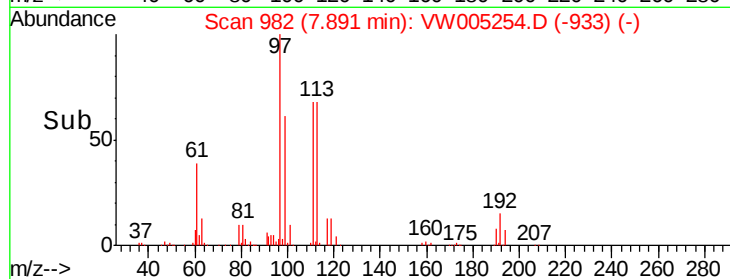
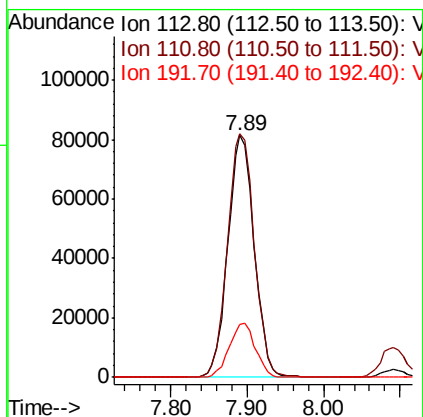
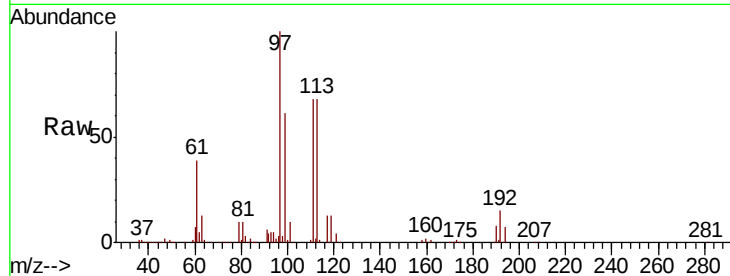




#35
 Dibromofluoromethane
 Concen: 47.817 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

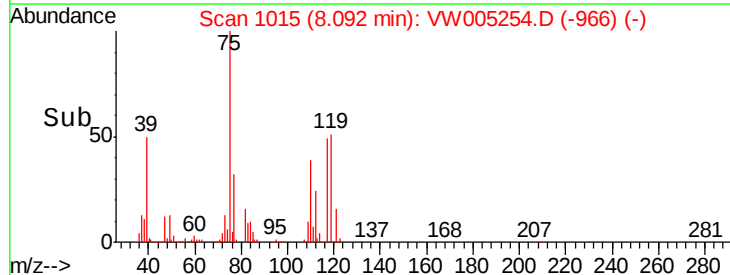
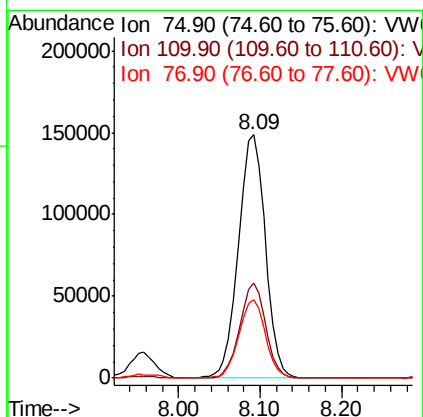
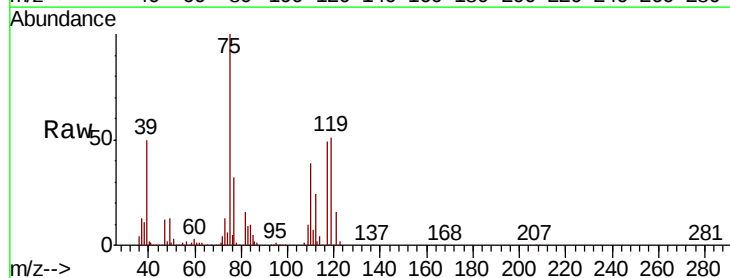
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

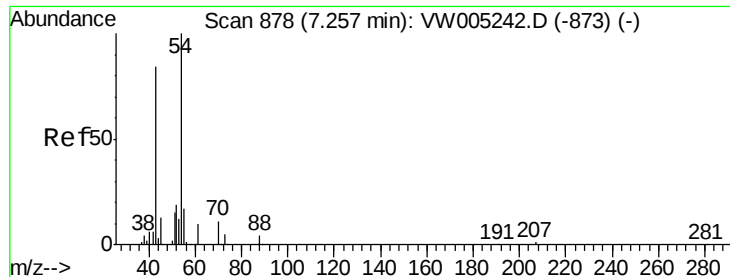
Tgt Ion: 113 Resp: 193448
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.6 121.0
 192 22.3 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 48.129 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

Tgt Ion: 75 Resp: 340545
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.8 56.4
 77 32.0 24.9 37.3

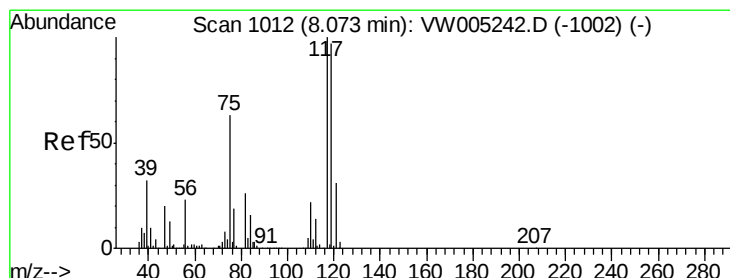
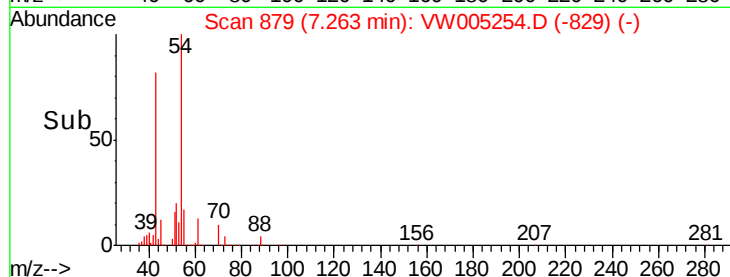
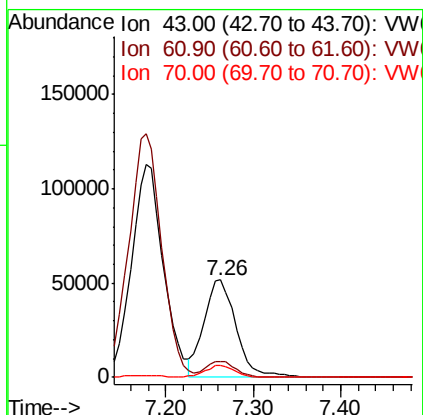
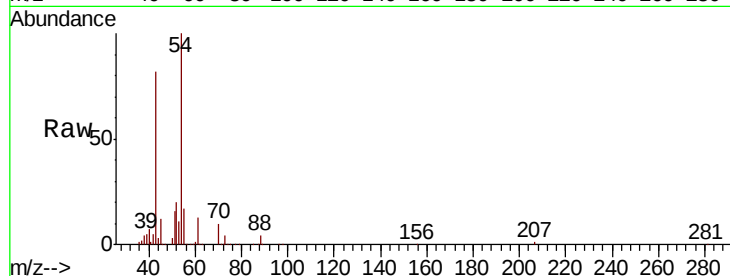




#37
Ethyl Acetate
Concen: 48.977 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

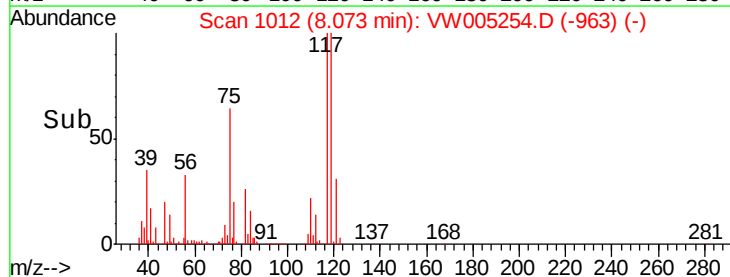
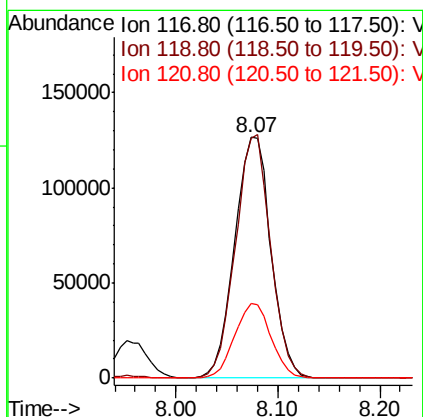
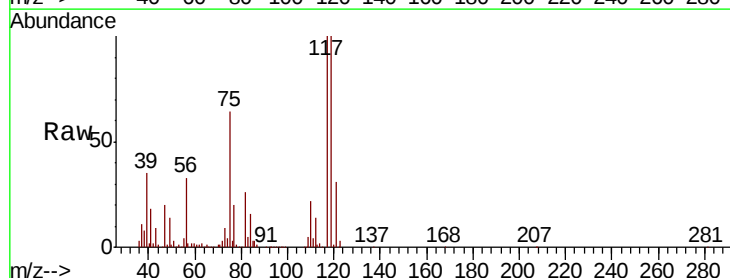
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

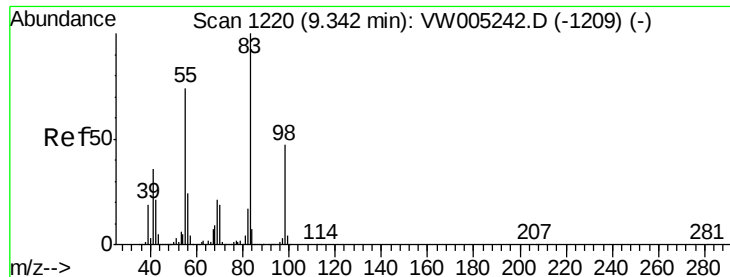
Tgt Ion: 43 Resp: 131813
Ion Ratio Lower Upper
43 100
61 15.3 12.3 18.5
70 11.4 9.5 14.3



#38
Carbon Tetrachloride
Concen: 47.049 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

Tgt Ion: 117 Resp: 311841
Ion Ratio Lower Upper
117 100
119 99.9 77.5 116.3
121 31.1 24.7 37.1

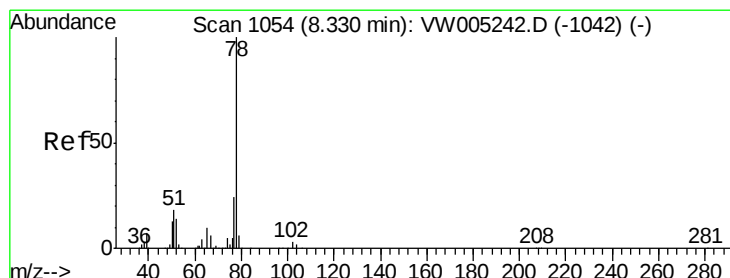
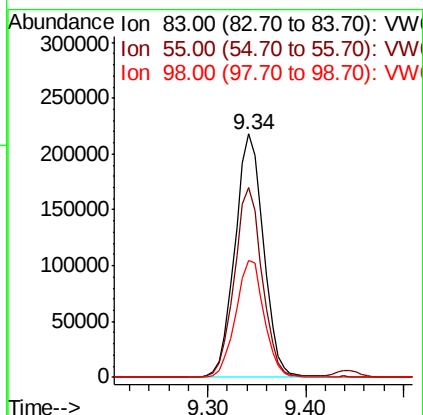
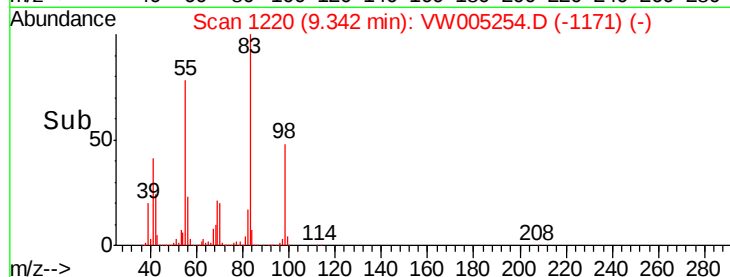
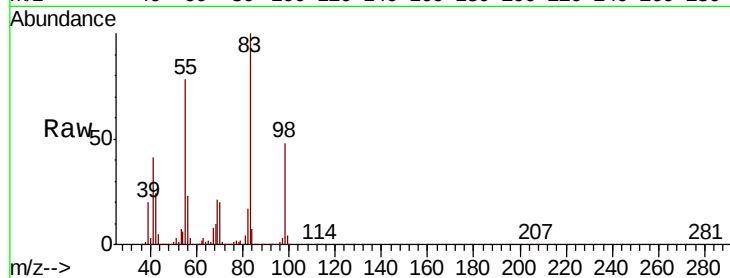




#39
Methylcyclohexane
Concen: 47.201 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

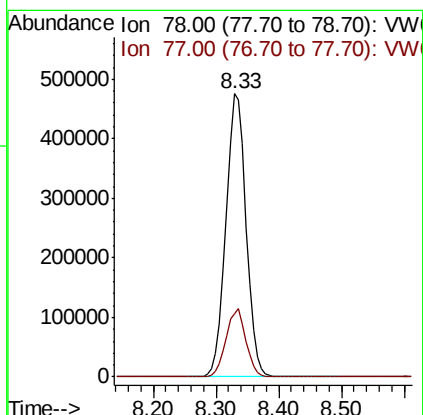
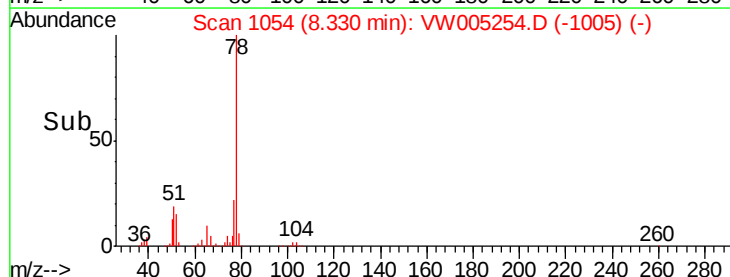
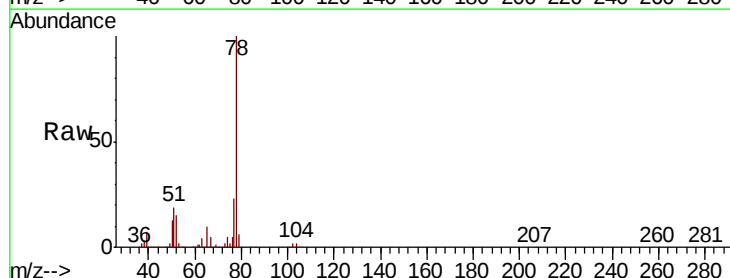
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

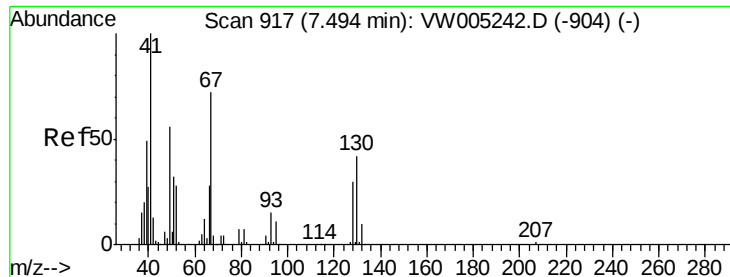
Tgt Ion: 83 Resp: 443430
Ion Ratio Lower Upper
83 100
55 78.1 58.9 88.3
98 48.0 37.6 56.4



#40
Benzene
Concen: 50.883 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

Tgt Ion: 78 Resp: 1060690
Ion Ratio Lower Upper
78 100
77 22.5 18.9 28.3

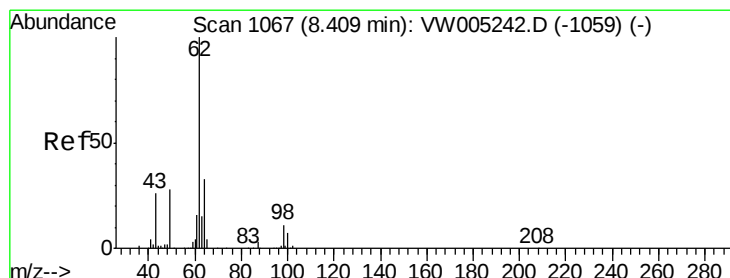
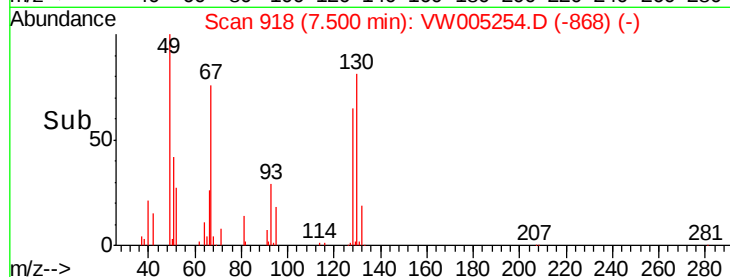
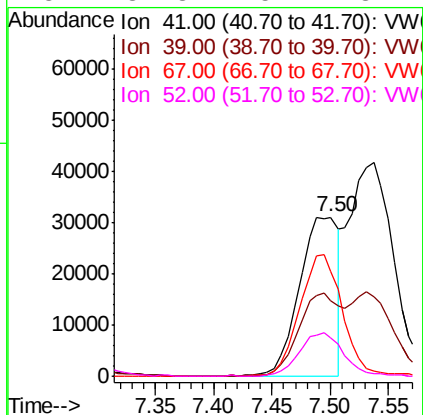
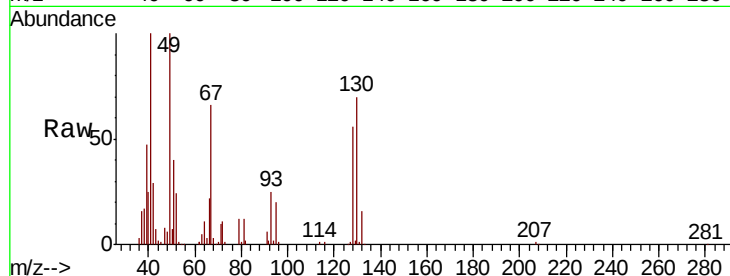




#41
Methacrylonitrile
Concen: 52.510 ug/l
RT: 7.50 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

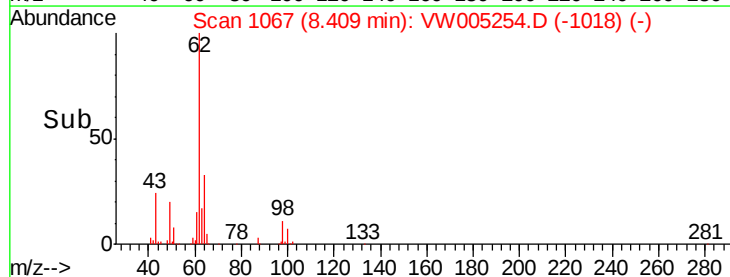
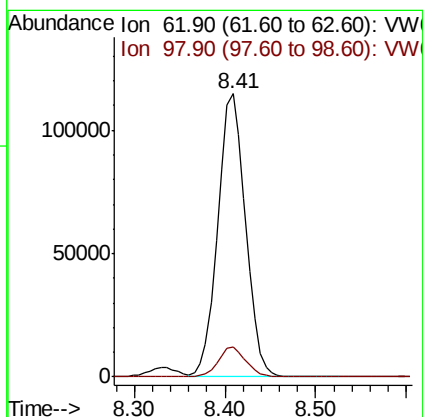
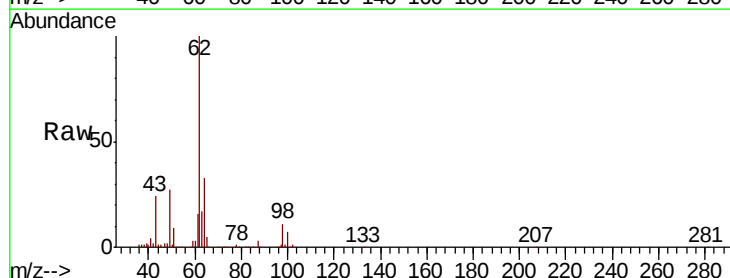
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

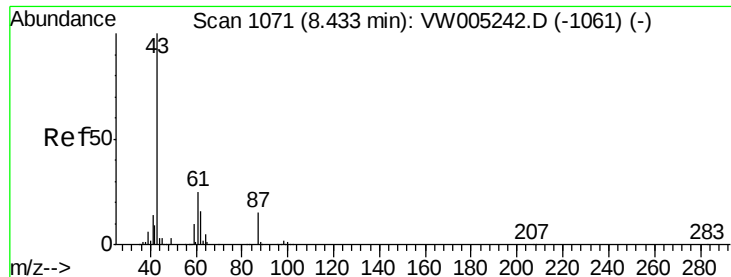
Tgt Ion:	41	Resp:	72503
Ion	Ratio	Lower	Upper
41	100		
39	57.3	39.9	59.9
67	83.2	65.7	98.5
52	31.3	25.1	37.7



#42
1,2-Dichloroethane
Concen: 49.066 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

Tgt Ion:	62	Resp:	244692
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	22.0

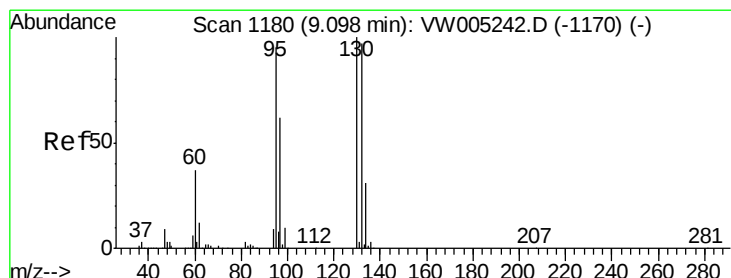
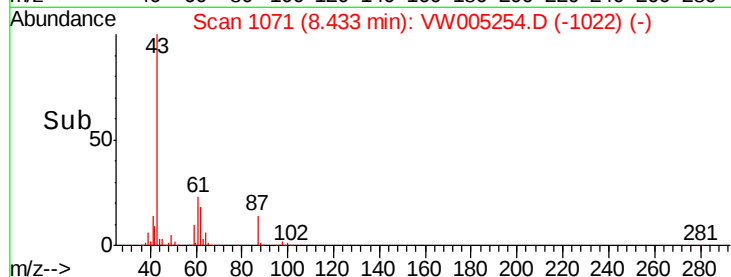
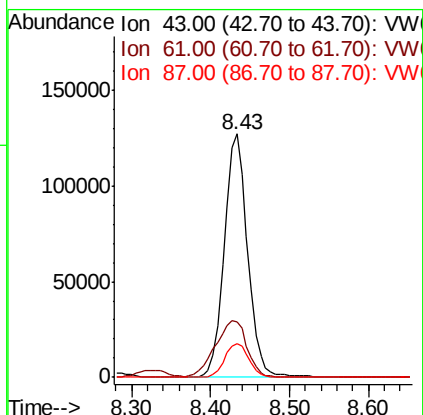
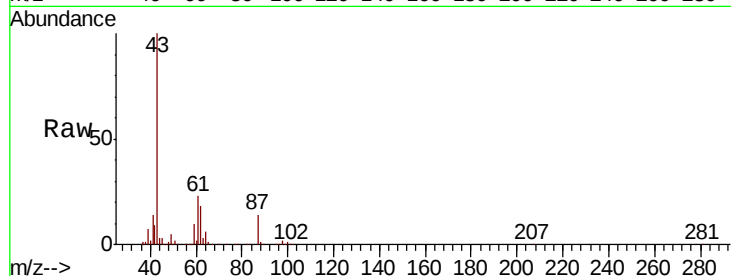




#43
Isopropyl Acetate
Concen: 52.092 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

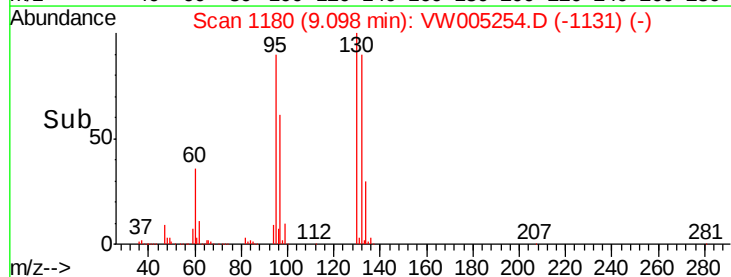
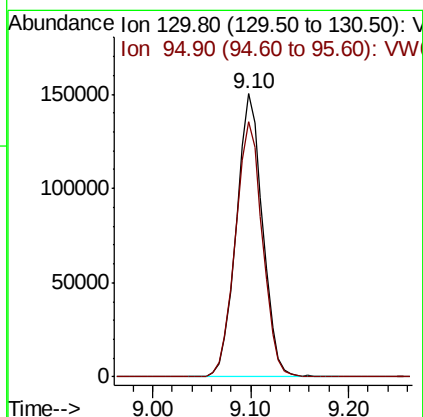
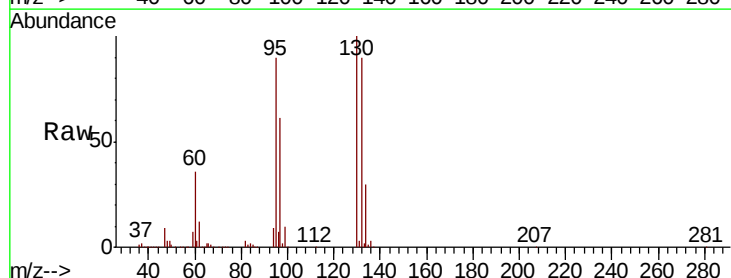
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

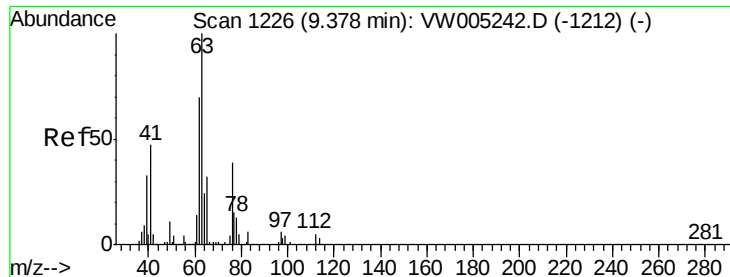
Tgt Ion: 43 Resp: 260342
Ion Ratio Lower Upper
43 100
61 32.2 25.4 38.0
87 14.4 11.9 17.9



#44
Trichloroethene
Concen: 49.026 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

Tgt Ion: 130 Resp: 280365
Ion Ratio Lower Upper
130 100
95 89.9 0.0 189.6





#45

1,2-Dichloropropane

Concen: 52.039 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

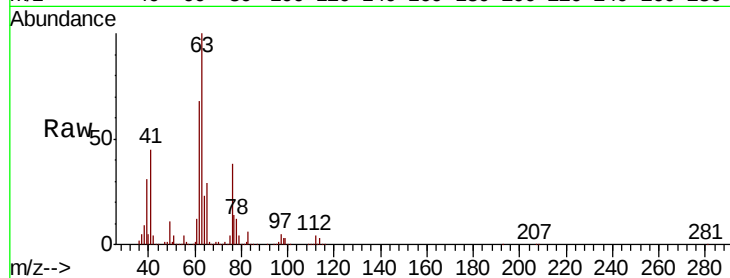
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 63 Resp: 260744

Ion Ratio Lower Upper

63 100

65 28.7 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.38

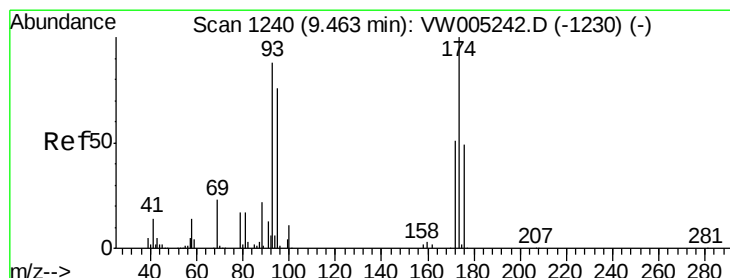
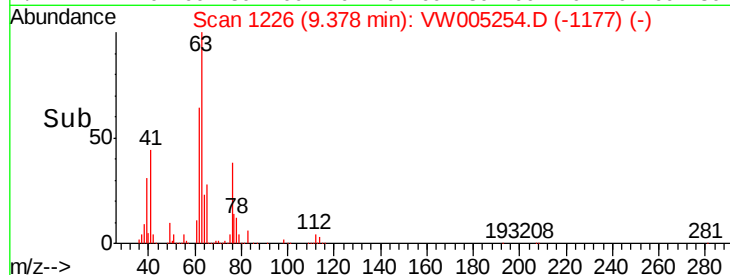
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 48.913 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

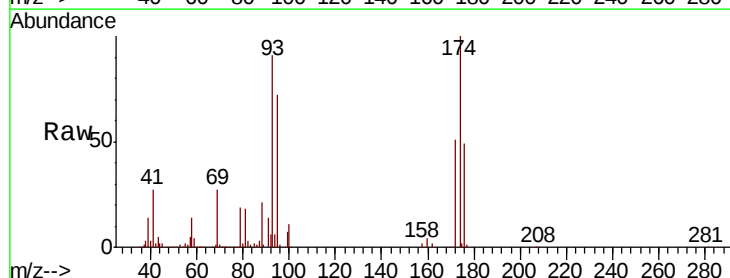
Tgt Ion: 93 Resp: 119962

Ion Ratio Lower Upper

93 100

95 82.2 67.0 100.4

174 111.9 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

80000

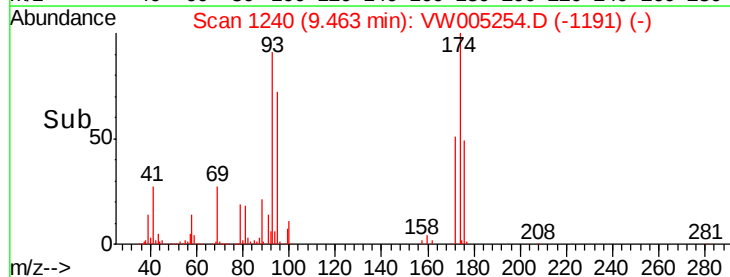
60000

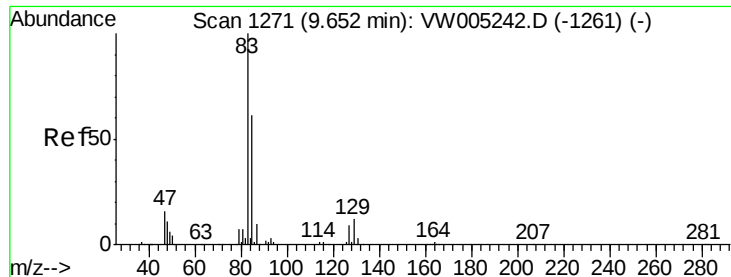
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 50.175 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

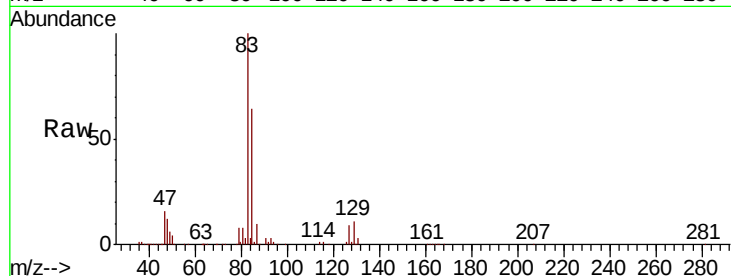
Tgt Ion: 83 Resp: 301033

Ion Ratio Lower Upper

83 100

85 64.2 49.0 73.6

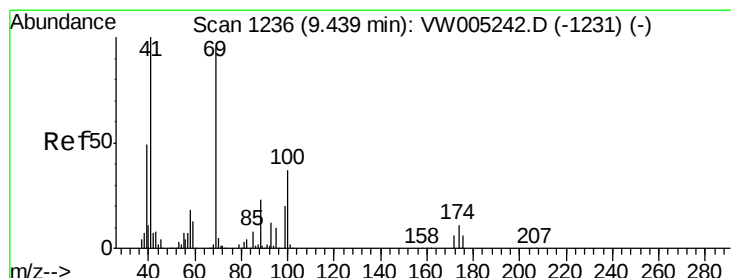
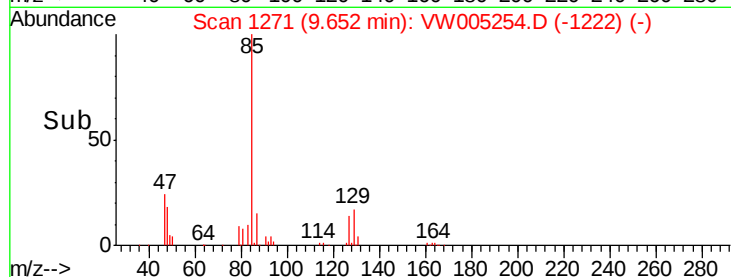
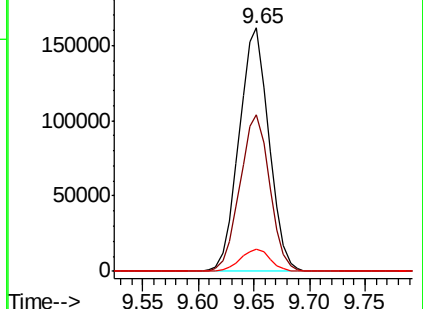
127 8.9 7.0 10.4



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: 52.424 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

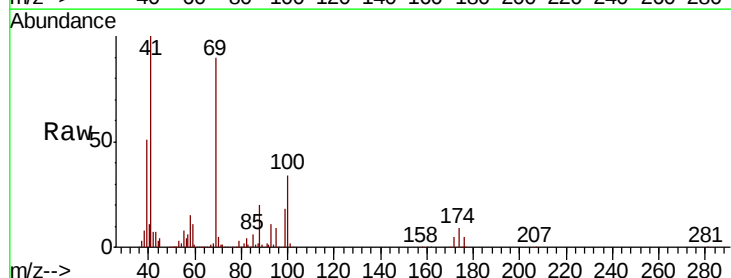
Tgt Ion: 41 Resp: 136041

Ion Ratio Lower Upper

41 100

69 100.9 74.6 112.0

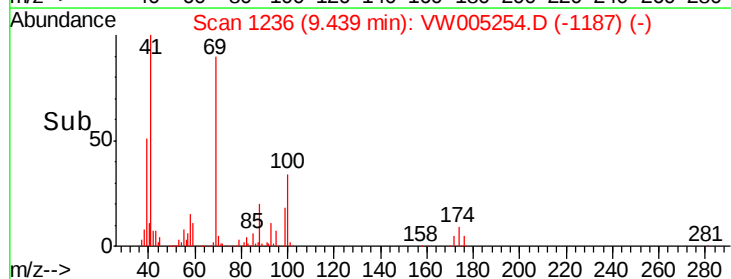
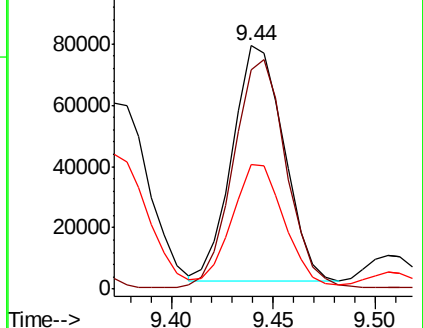
39 50.6 36.7 55.1

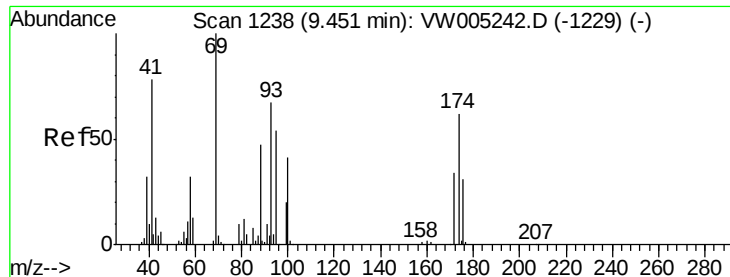


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1031.587 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

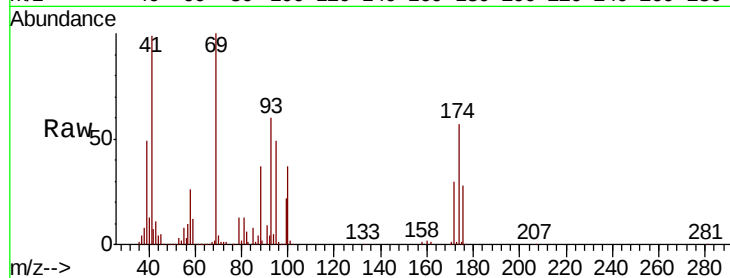
Tgt Ion: 88 Resp: 47237

Ion Ratio Lower Upper

88 100

43 27.6 22.7 34.1

58 70.8 56.6 85.0

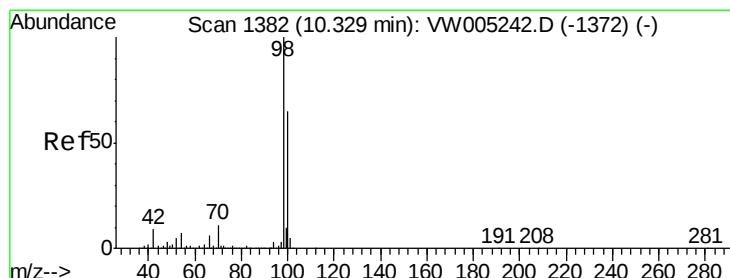
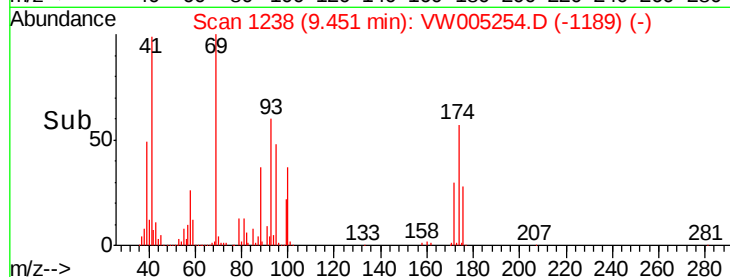
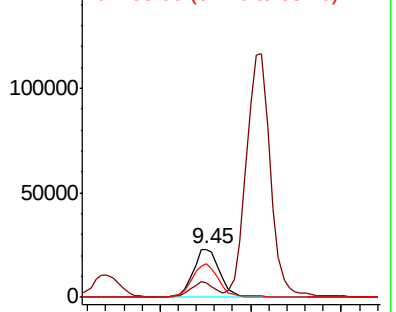


Abundance

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: 51.292 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005254.D

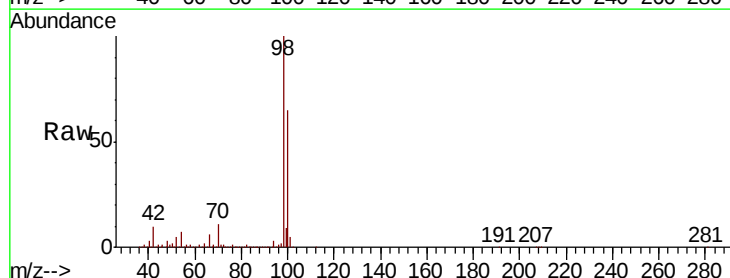
Acq: 10 Sep 2018 21:19

Tgt Ion: 98 Resp: 1048570

Ion Ratio Lower Upper

98 100

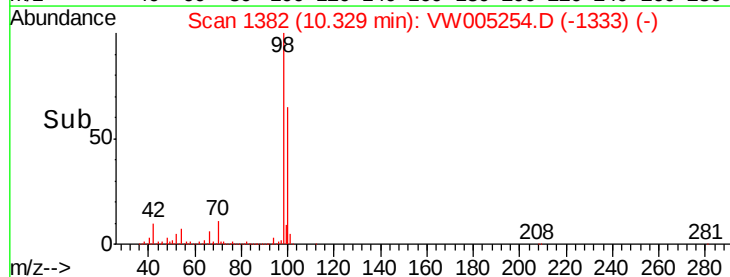
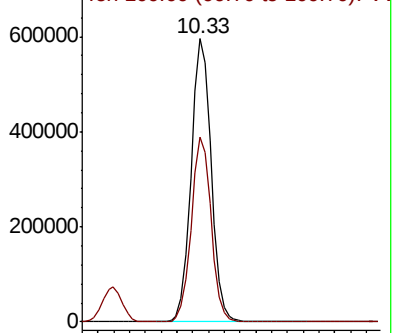
100 64.5 52.0 78.0

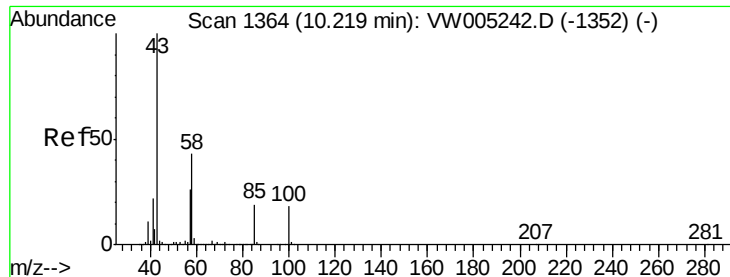


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

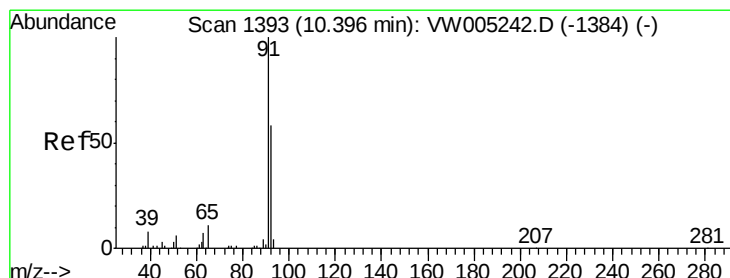
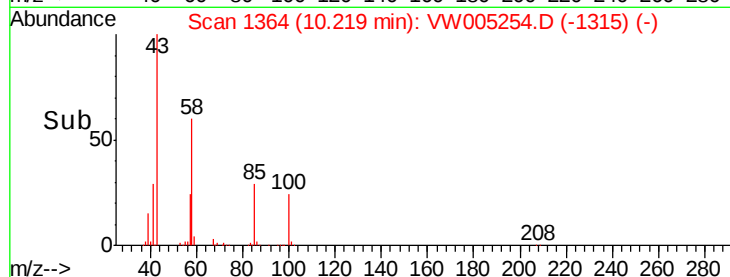
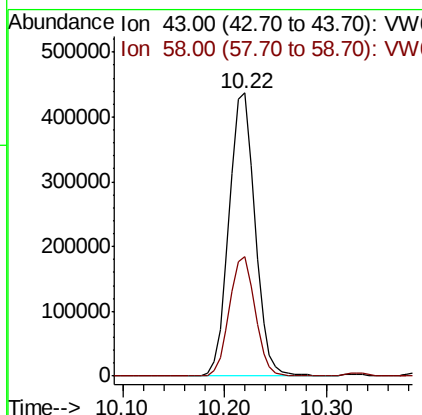
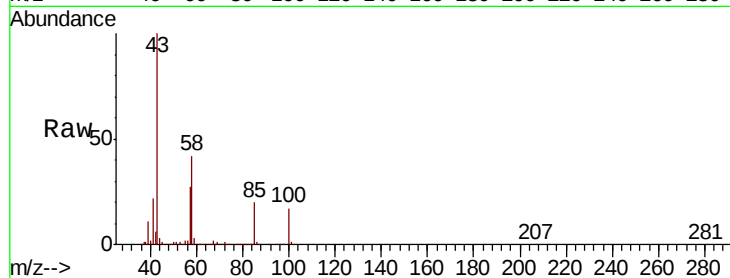




#51
 4-Methyl-2-Pentanone
 Concen: 274.613 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

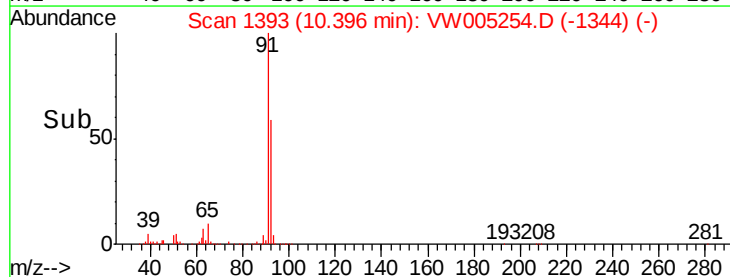
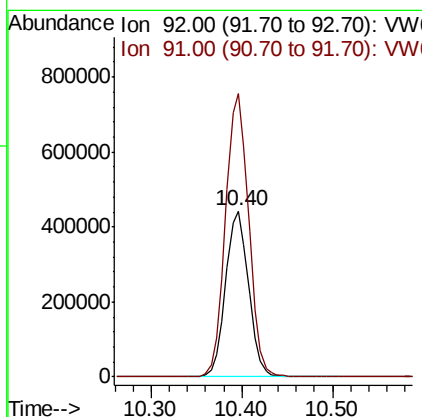
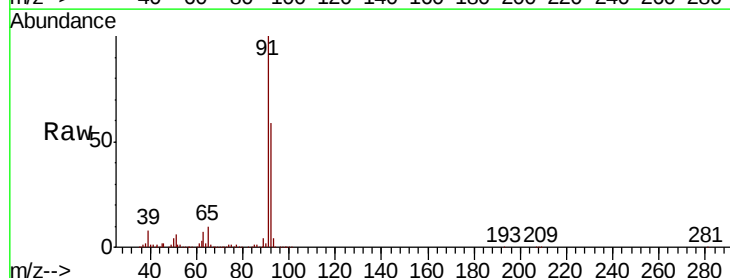
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

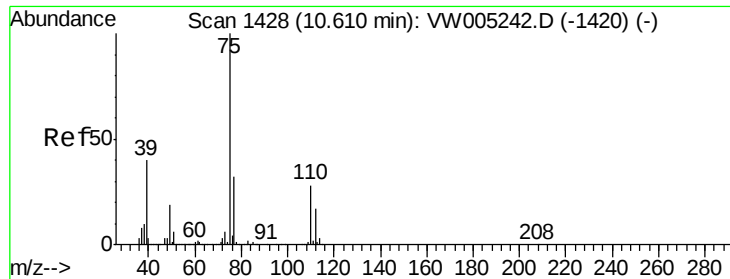
Tgt Ion: 43 Resp: 772341
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.8 50.6



#52
 Toluene
 Concen: 51.336 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

Tgt Ion: 92 Resp: 777759
 Ion Ratio Lower Upper
 92 100
 91 172.8 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 51.167 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

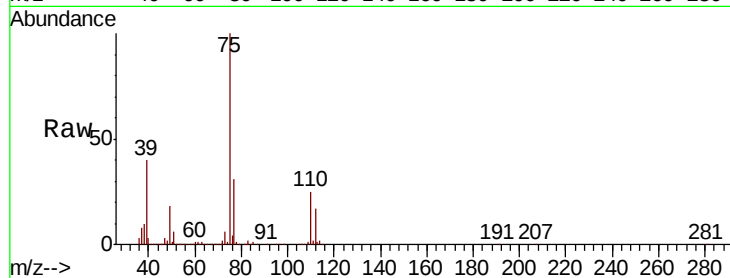
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 75 Resp: 331760

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

200000

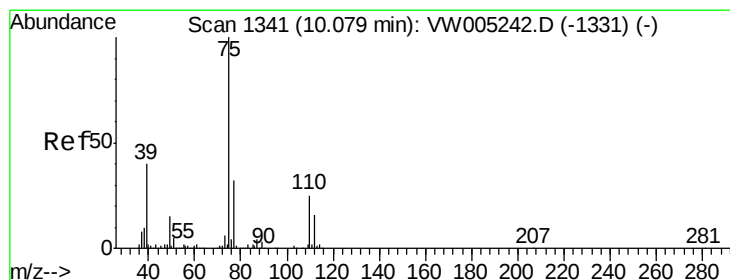
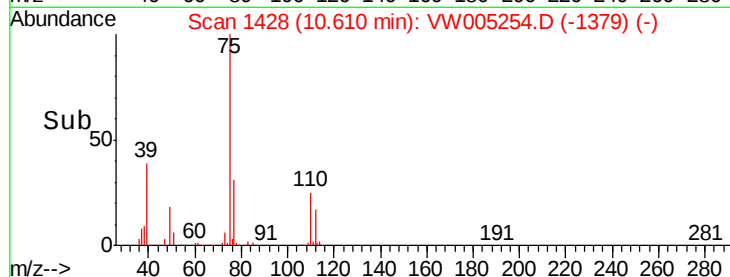
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 49.093 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

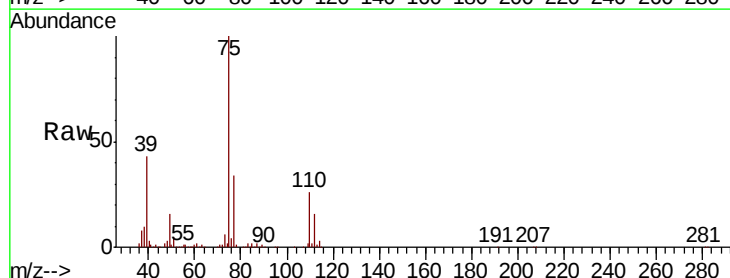
Tgt Ion: 75 Resp: 381191

Ion Ratio Lower Upper

75 100

77 34.3 25.5 38.3

39 43.3 31.8 47.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.08

250000

200000

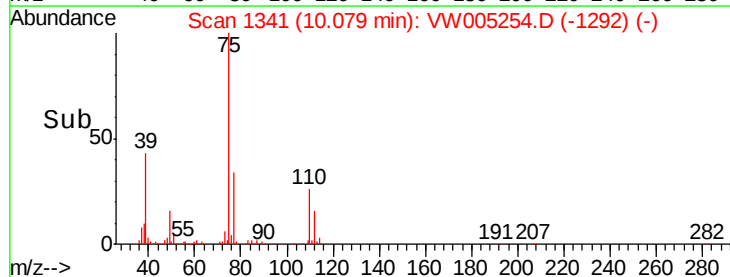
150000

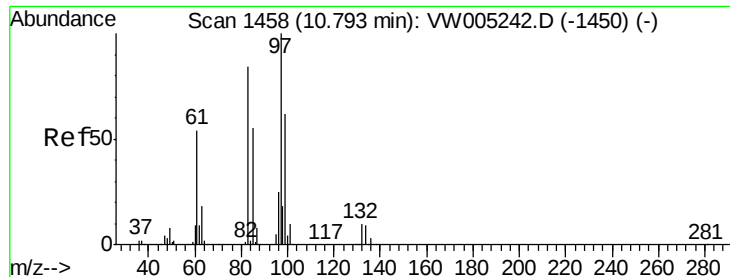
100000

50000

0

Time--> 10.00 10.10 10.20

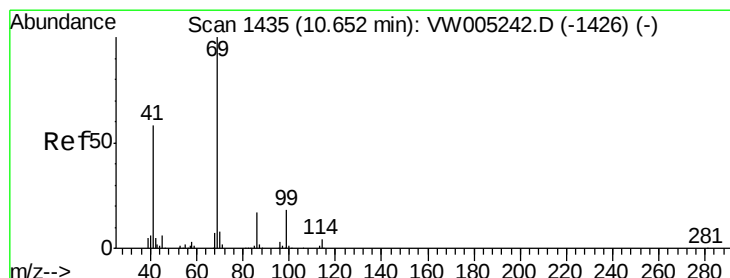
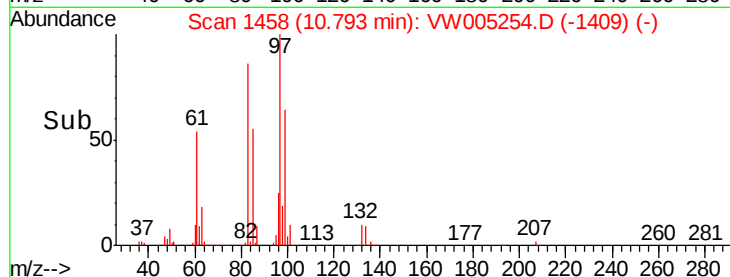
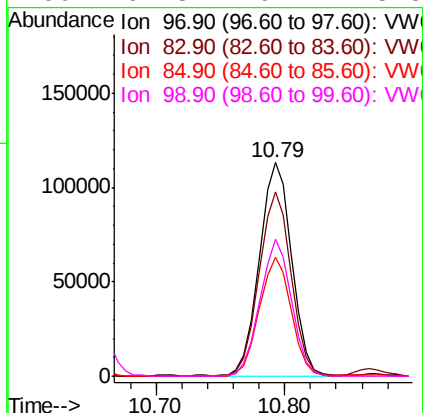
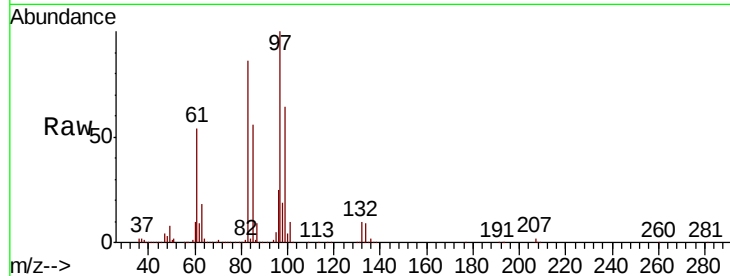




#55
 1,1,2-Trichloroethane
 Concen: 50.285 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

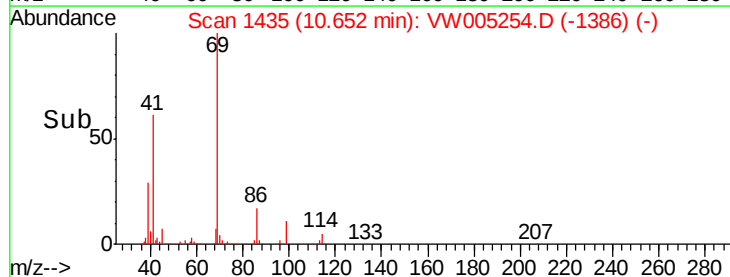
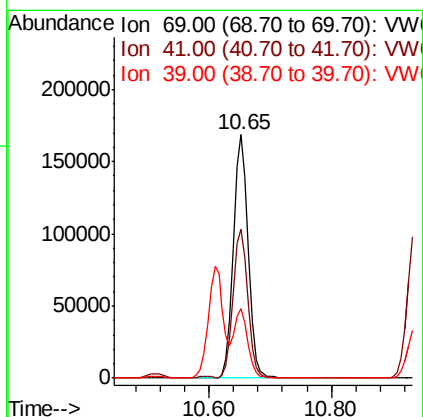
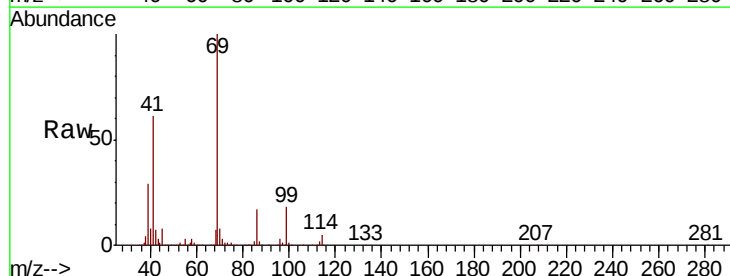
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

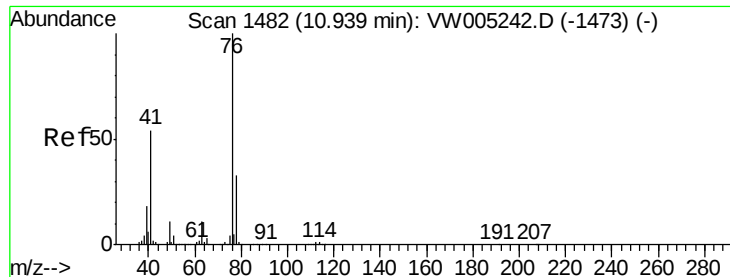
Tgt Ion:	97	Resp:	196641
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.2	100.8
85	55.5	44.4	66.6
99	64.3	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 55.306 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

Tgt Ion:	69	Resp:	274185
Ion	Ratio	Lower	Upper
69	100		
41	61.3	48.7	73.1
39	26.4	20.9	31.3





#57

1,3-Dichloropropane

Concen: 50.731 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

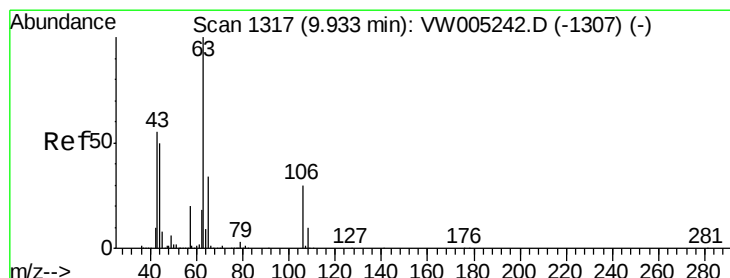
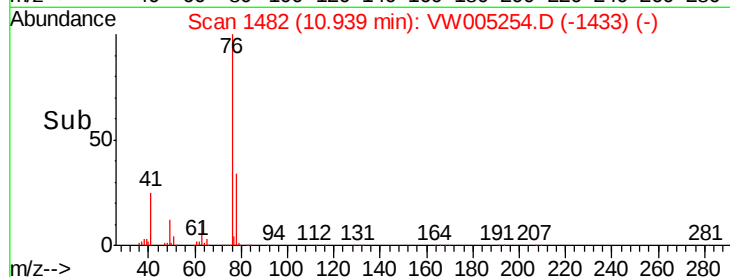
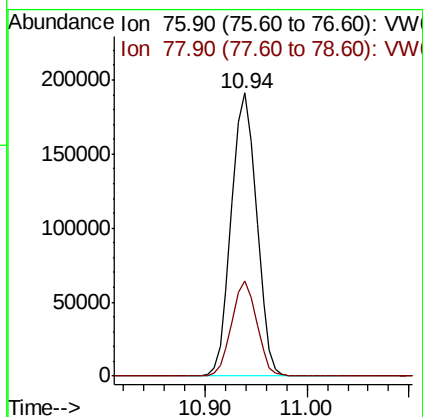
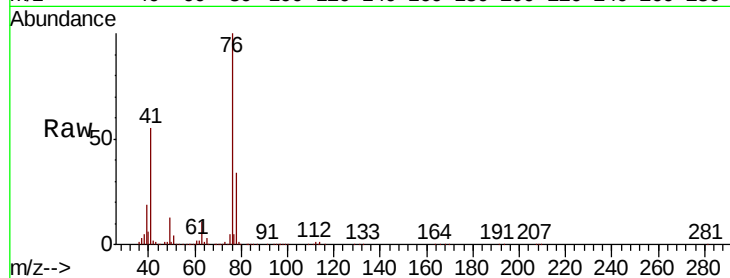
ENY-SB-02-61.0-61.5MSD

Tgt Ion: 76 Resp: 329424

Ion Ratio Lower Upper

76 100

78 33.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 262.442 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VW005254.D

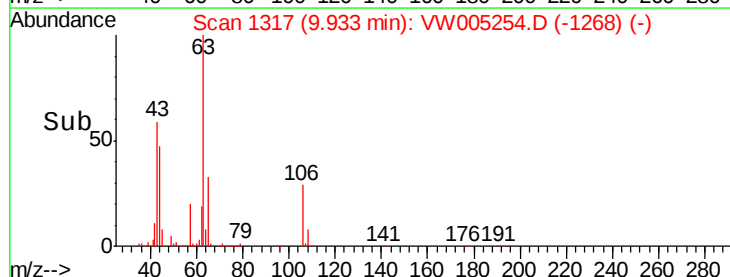
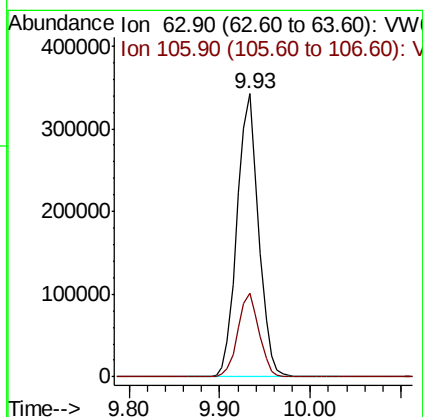
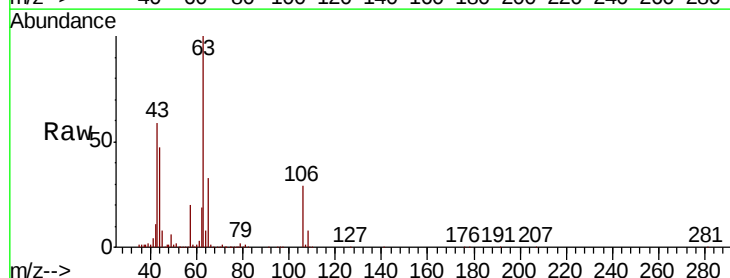
Acq: 10 Sep 2018 21:19

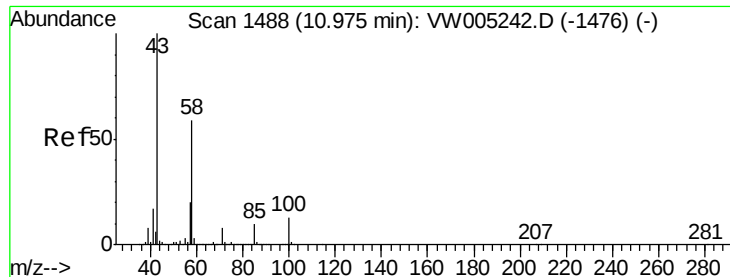
Tgt Ion: 63 Resp: 565504

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.0

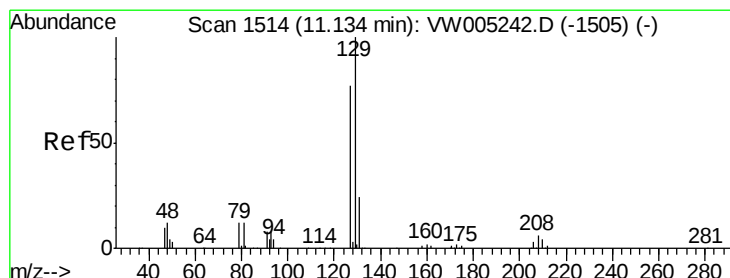
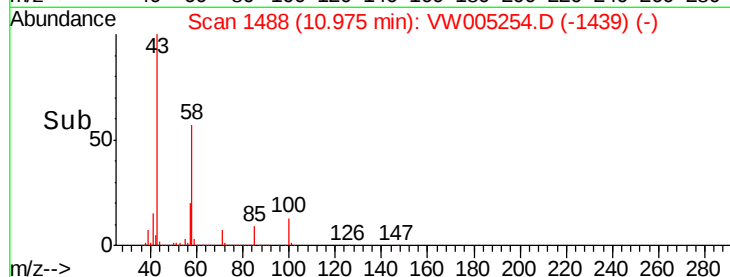
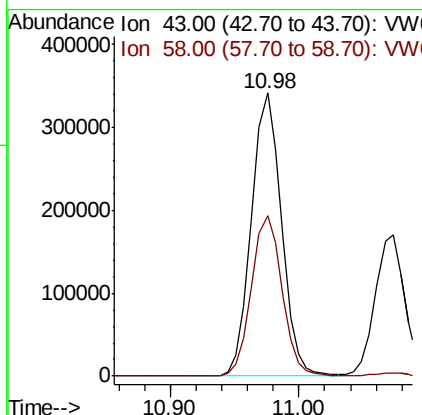
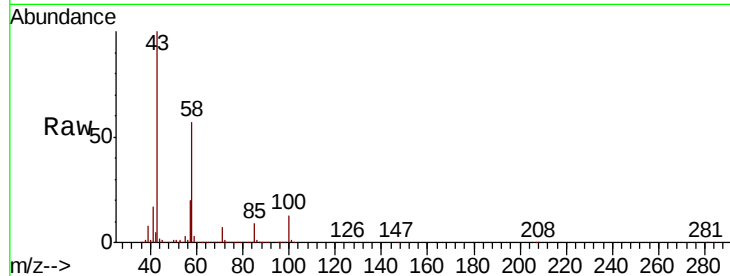




#59
2-Hexanone
Concen: 271.354 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

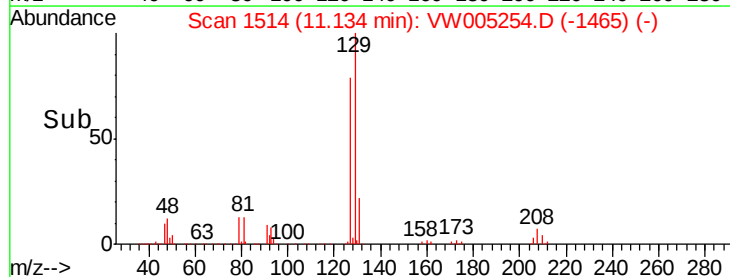
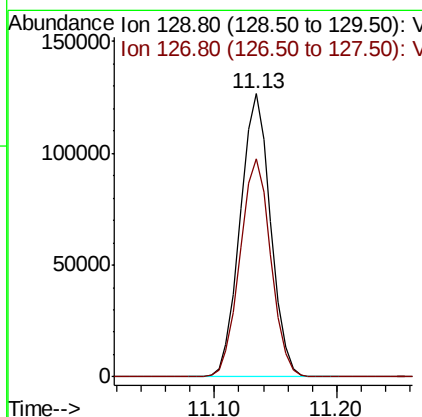
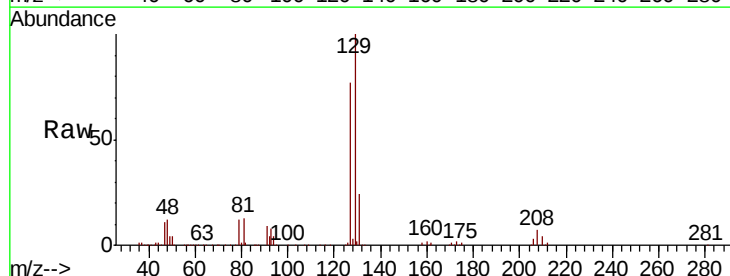
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

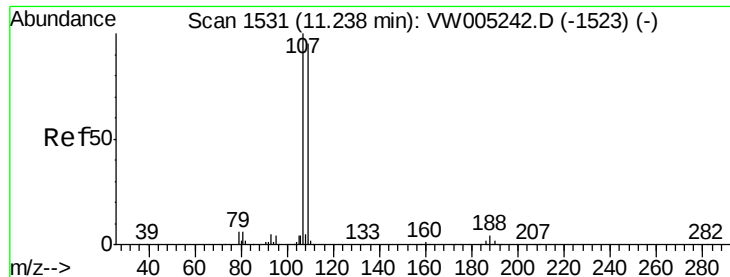
Tgt Ion: 43 Resp: 550189
Ion Ratio Lower Upper
43 100
58 57.7 29.3 87.9



#60
Dibromochloromethane
Concen: 50.296 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

Tgt Ion: 129 Resp: 218244
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0

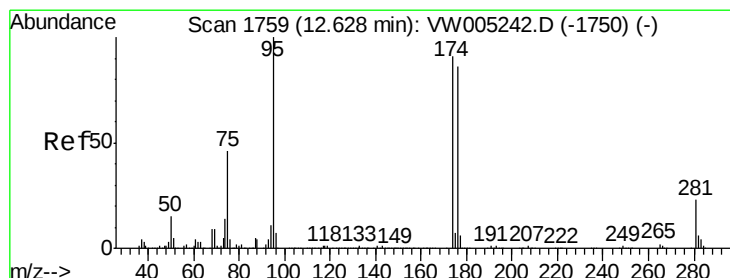
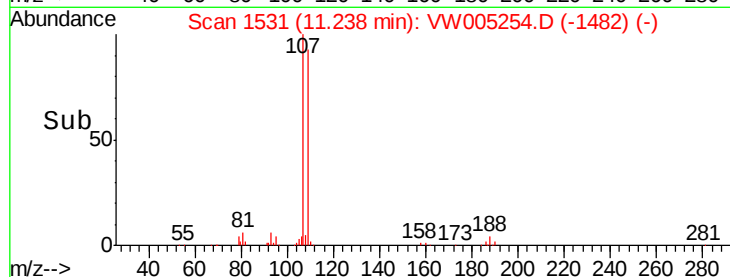
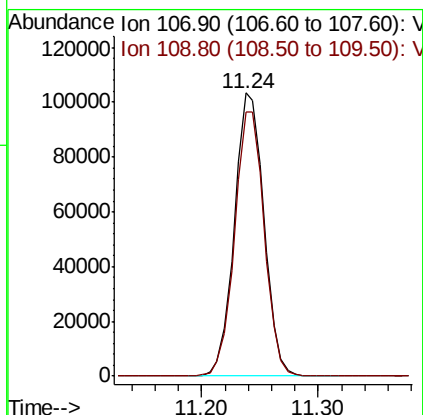
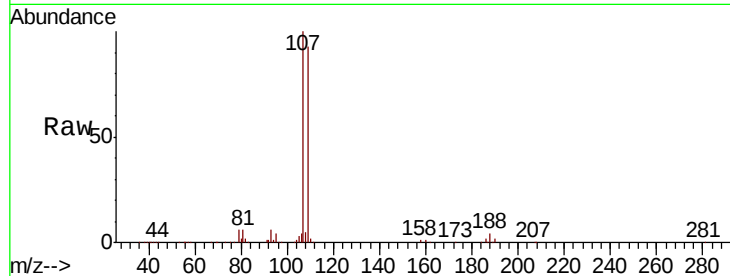




#61
 1,2-Dibromoethane
 Concen: 50.878 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

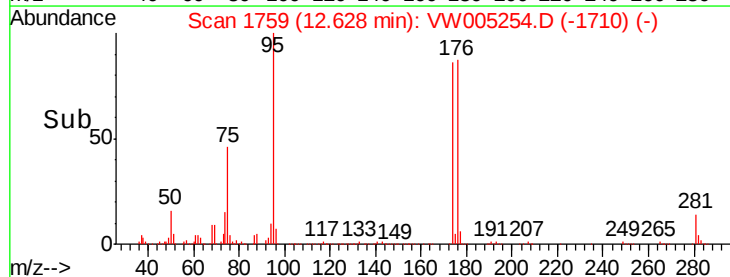
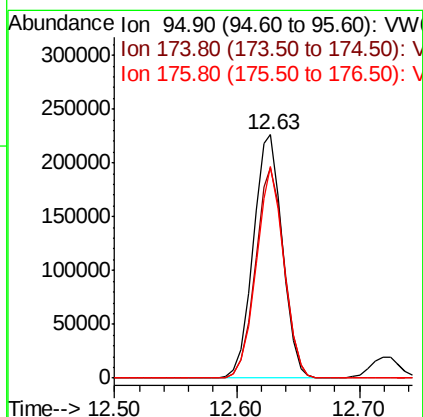
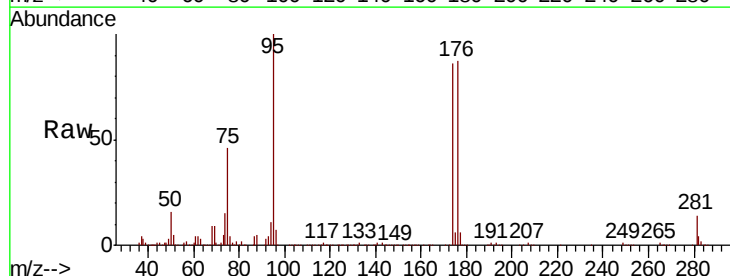
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

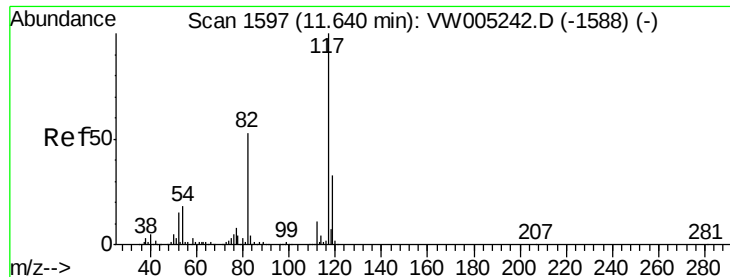
Tgt Ion: 107 Resp: 182454
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 50.001 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

Tgt Ion: 95 Resp: 373885
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 174.6
 176 82.6 0.0 167.6

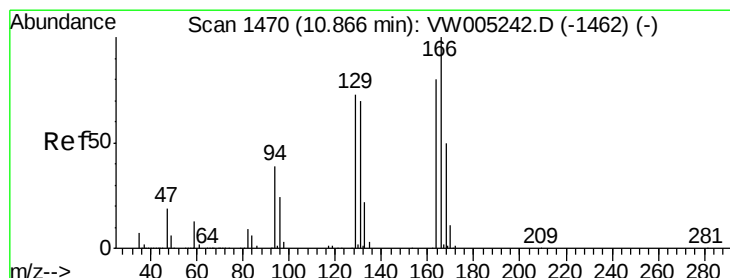
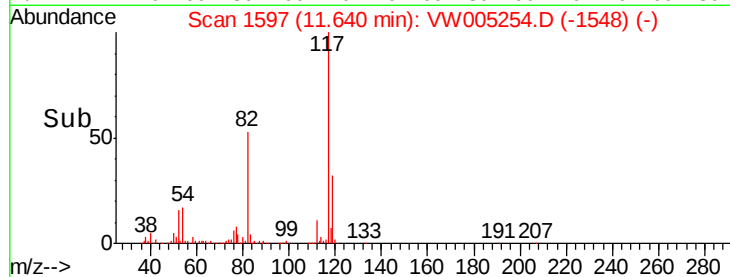
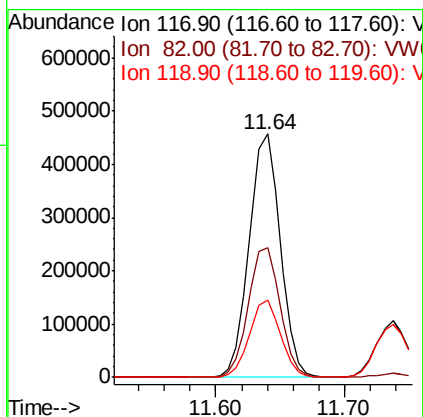
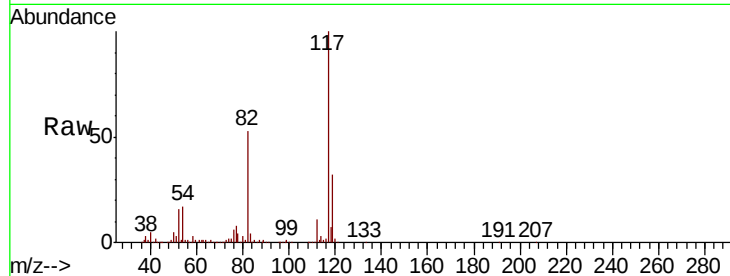




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

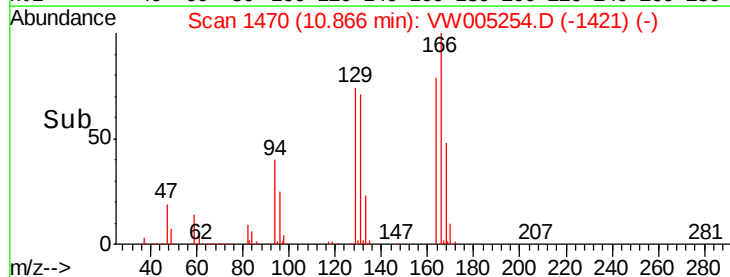
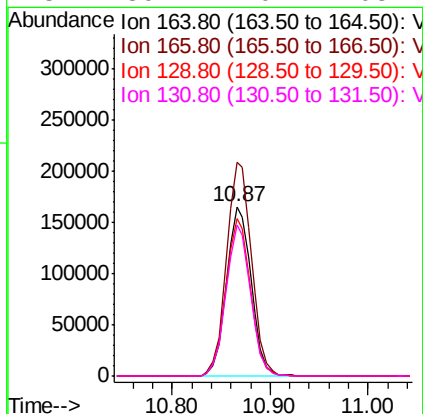
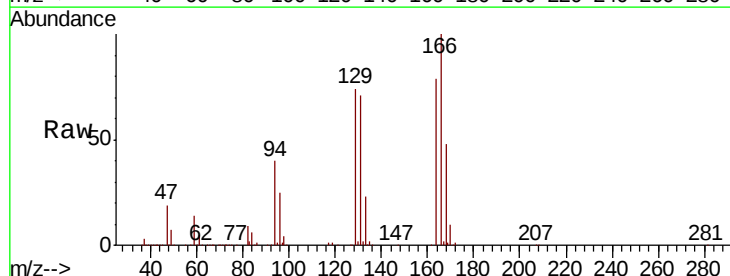
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

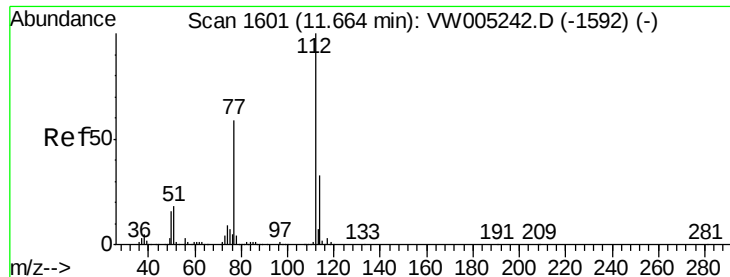
Tgt Ion:117 Resp: 762583
Ion Ratio Lower Upper
117 100
82 53.4 42.6 63.8
119 31.8 26.2 39.4



#64
Tetrachloroethene
Concen: 51.073 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

Tgt Ion:164 Resp: 288958
Ion Ratio Lower Upper
164 100
166 126.1 100.2 150.2
129 93.0 73.2 109.8
131 89.2 70.2 105.4

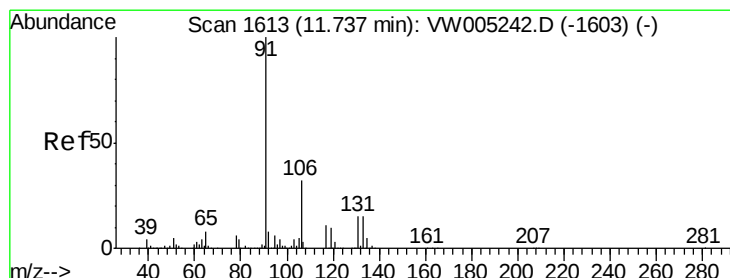
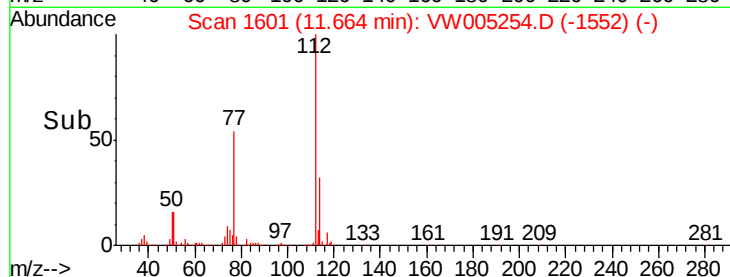
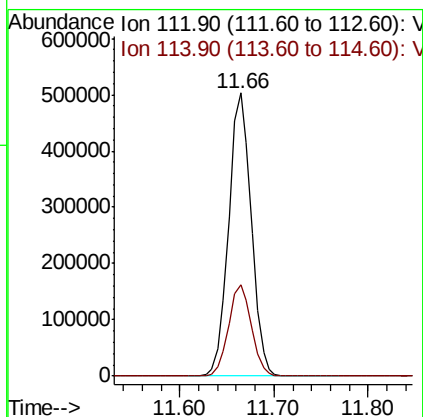
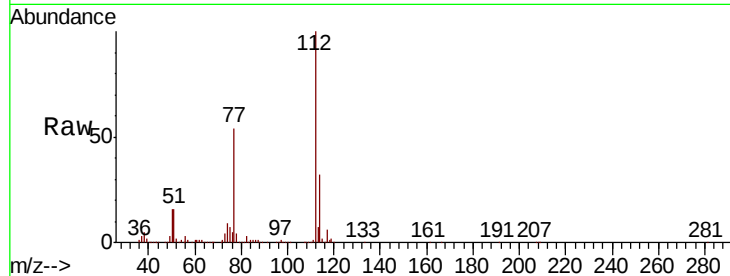




#65
Chlorobenzene
Concen: 50.101 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

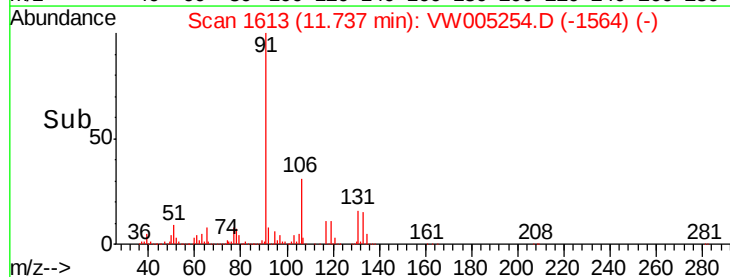
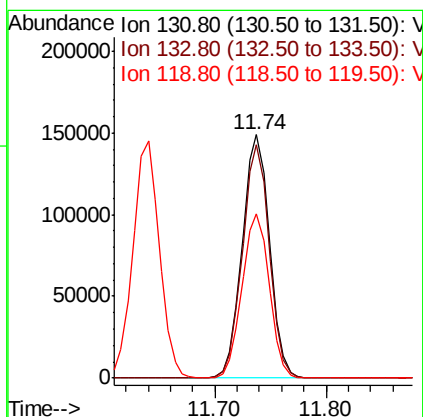
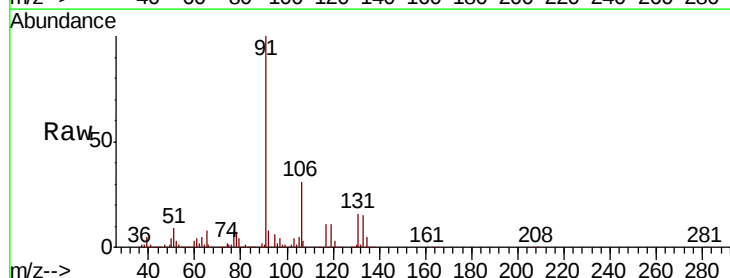
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

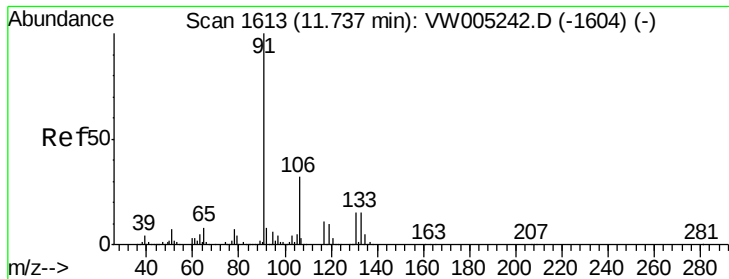
Tgt Ion:112 Resp: 836957
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.829 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

Tgt Ion:131 Resp: 253527
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.3
119 67.5 33.4 100.1

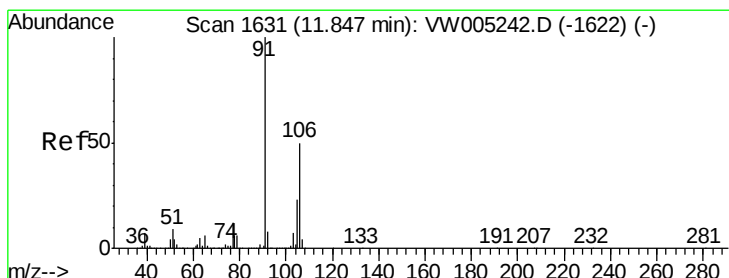
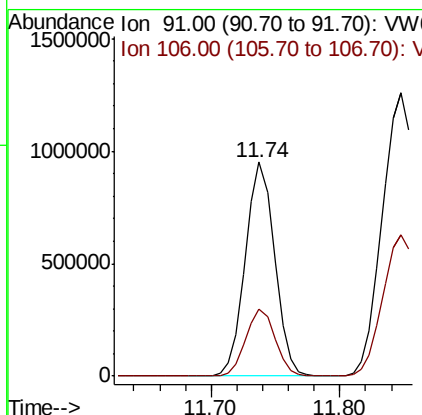
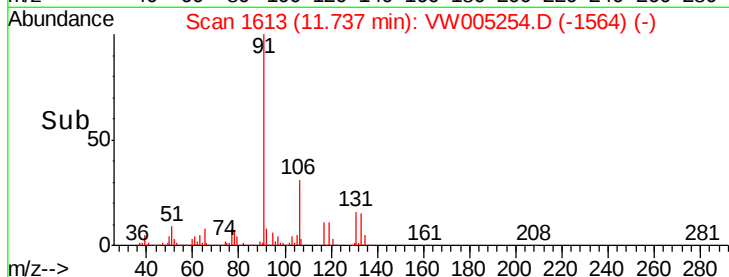
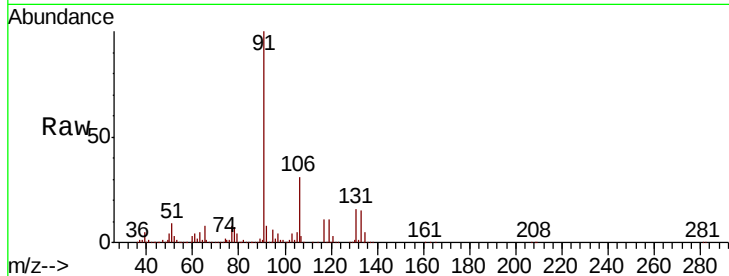




#67
Ethyl Benzene
Concen: 51.337 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

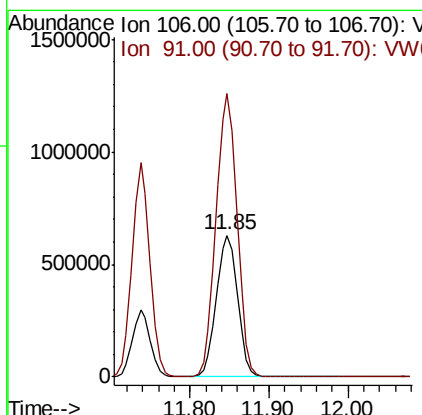
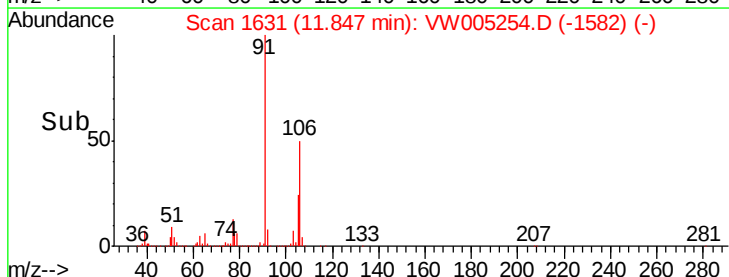
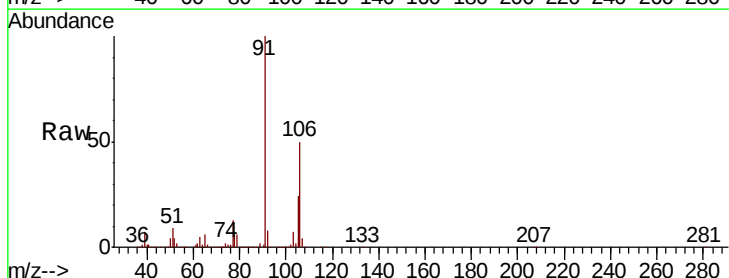
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

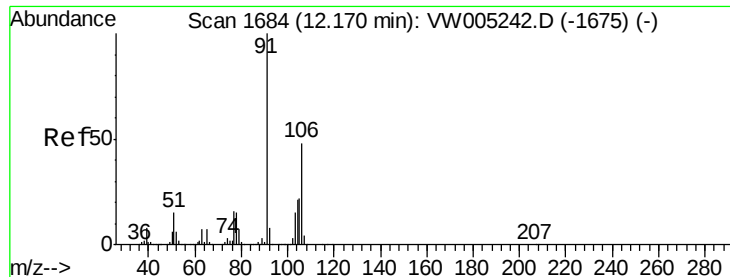
Tgt Ion: 91 Resp: 1493513
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 100.752 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

Tgt Ion: 106 Resp: 1181162
Ion Ratio Lower Upper
106 100
91 198.9 160.2 240.2

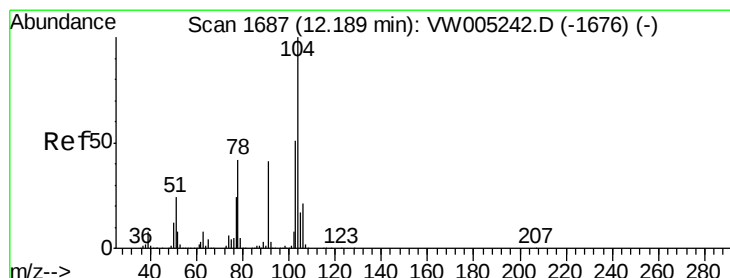
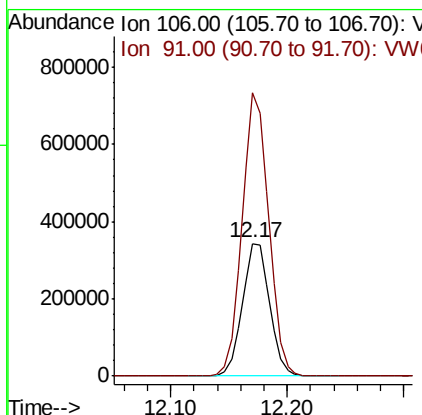
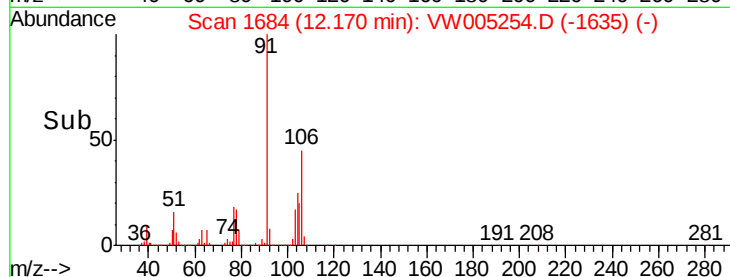
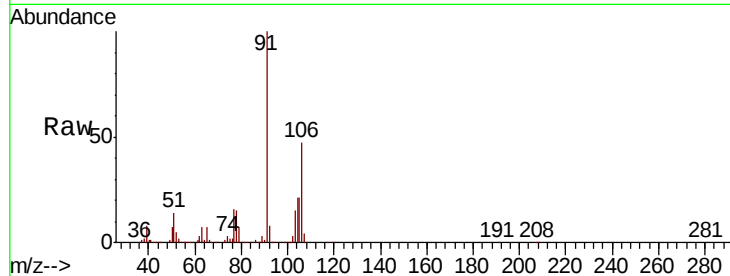




#69
o-Xylene
Concen: 51.314 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

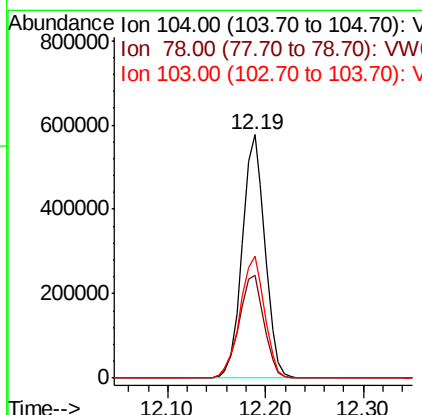
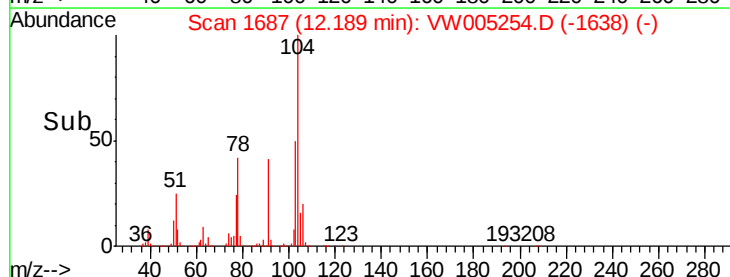
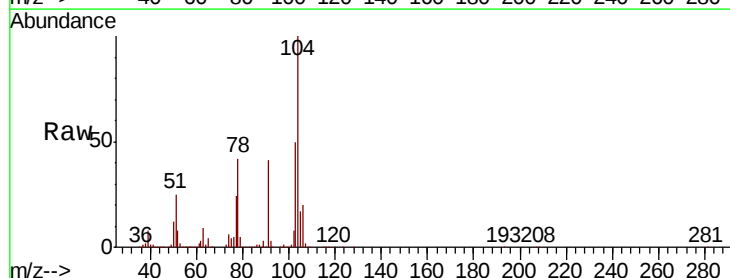
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

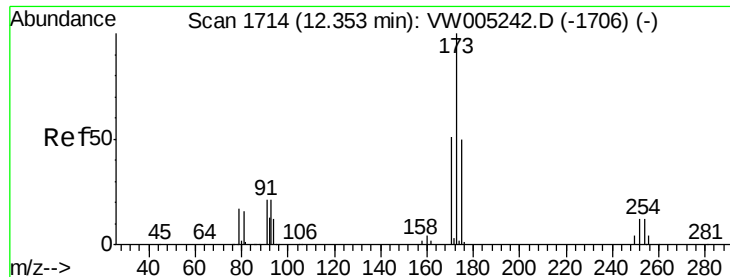
Tgt Ion:106 Resp: 559693
Ion Ratio Lower Upper
106 100
91 209.0 104.1 312.3



#70
Styrene
Concen: 52.034 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

Tgt Ion:104 Resp: 926072
Ion Ratio Lower Upper
104 100
78 46.9 37.4 56.2
103 54.5 44.1 66.1





#71

Bromoform

Concen: 50.547 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

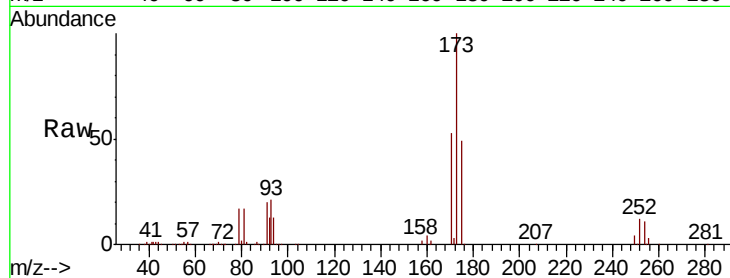
Tgt Ion:173 Resp: 136700

Ion Ratio Lower Upper

173 100

175 48.0 24.9 74.6

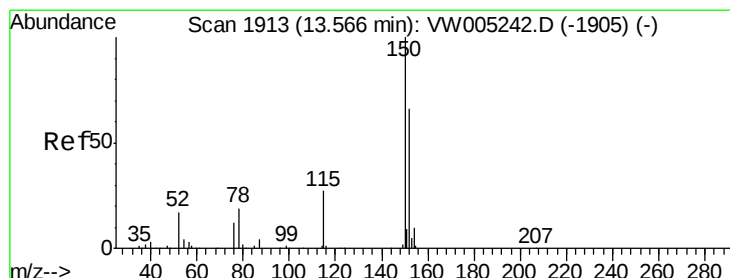
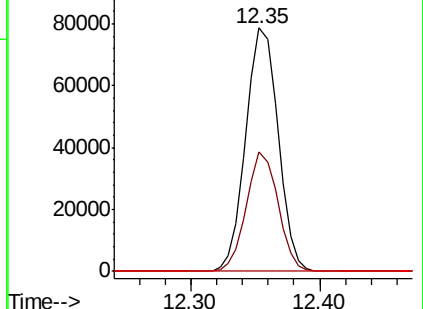
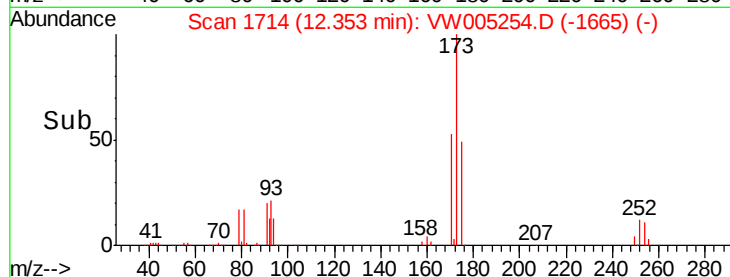
254 0.2 0.1 0.1#



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: VW005254.D

Acq: 10 Sep 2018 21:19

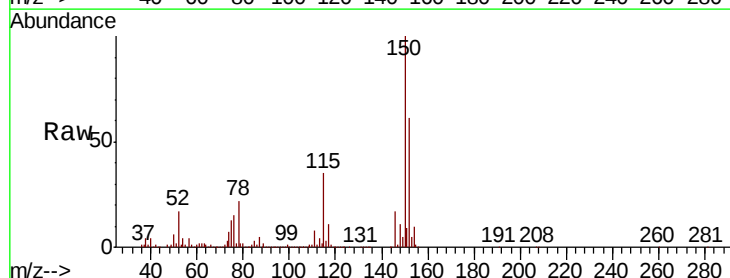
Tgt Ion:152 Resp: 396928

Ion Ratio Lower Upper

152 100

115 56.0 27.5 82.4

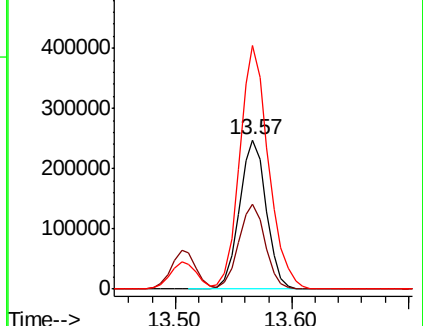
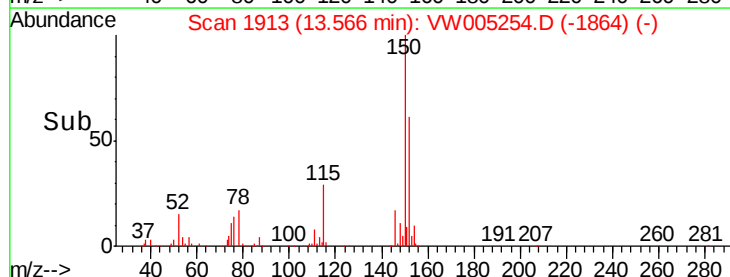
150 175.7 0.0 347.4

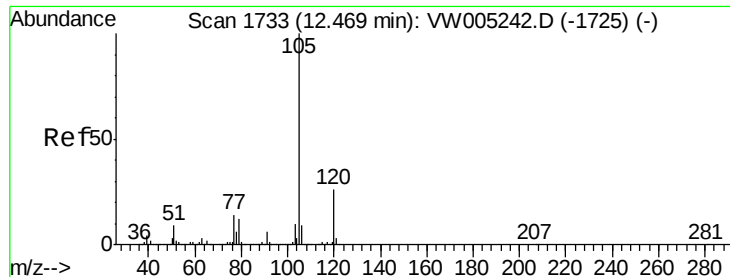


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.206 ug/l

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

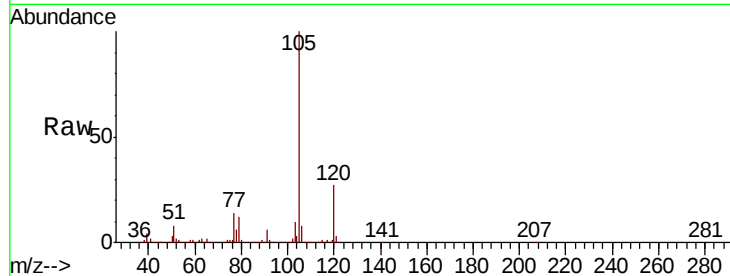
ENY-SB-02-61.0-61.5MSD

Tgt Ion:105 Resp: 1492167

Ion Ratio Lower Upper

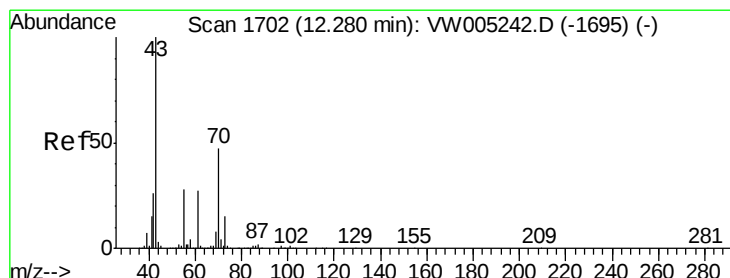
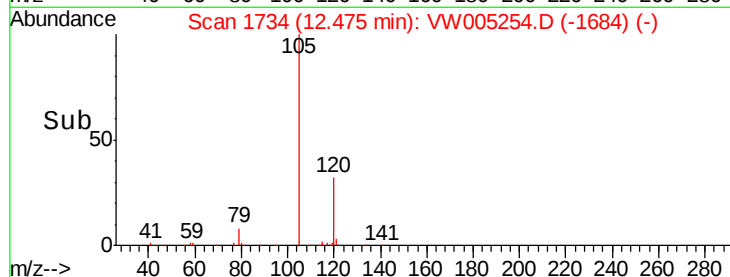
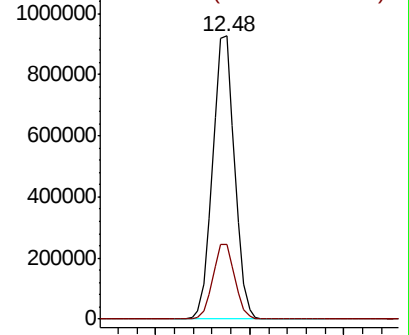
105 100

120 26.6 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: 58.673 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Tgt Ion: 43 Resp: 313072

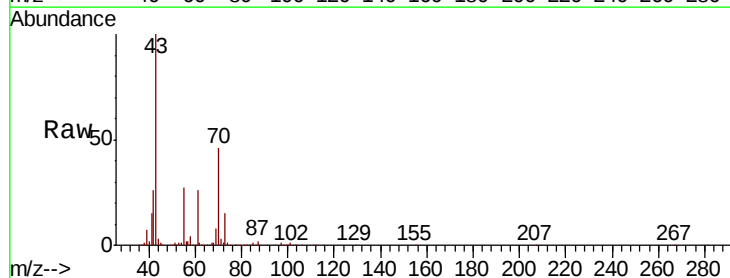
Ion Ratio Lower Upper

43 100

70 46.3 37.9 56.9

55 27.5 22.6 33.8

61 25.3 20.9 31.3

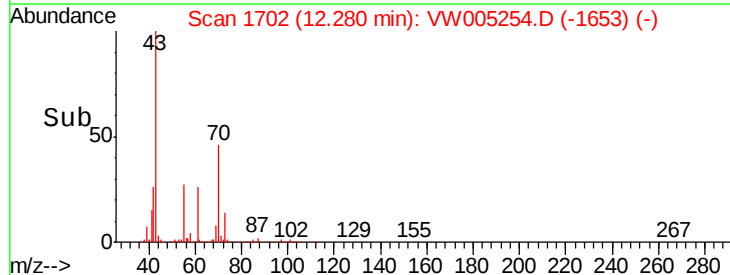
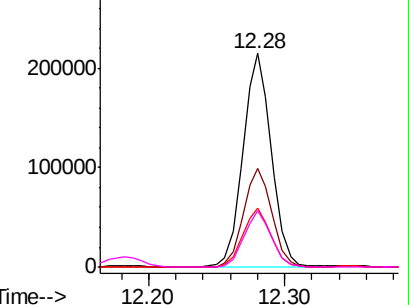


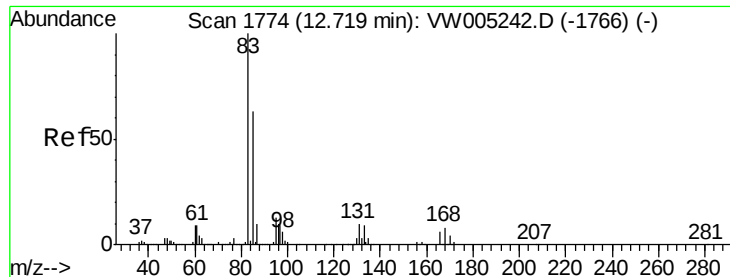
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 54.667 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

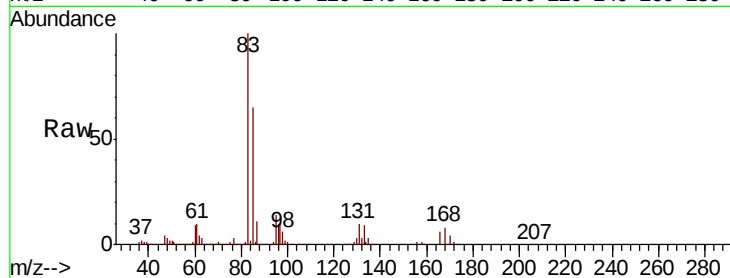
Tgt Ion: 83 Resp: 230409

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

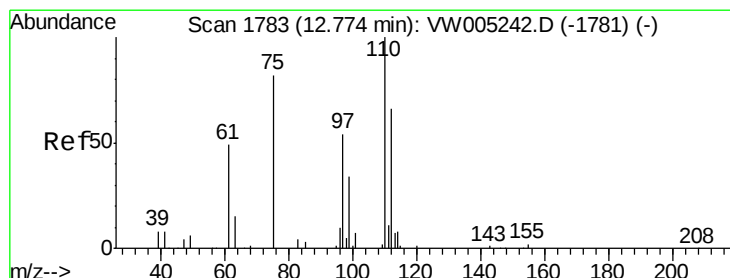
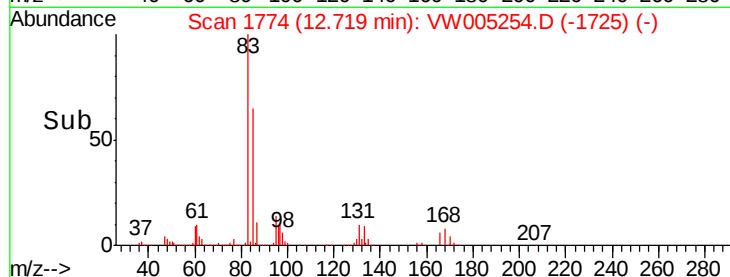
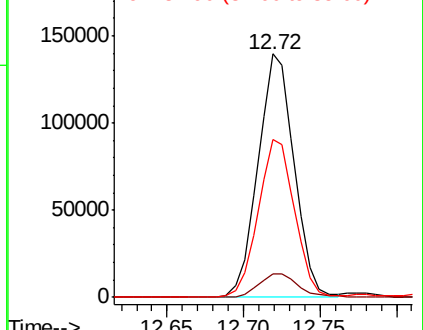
85 65.1 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 99.437 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005254.D

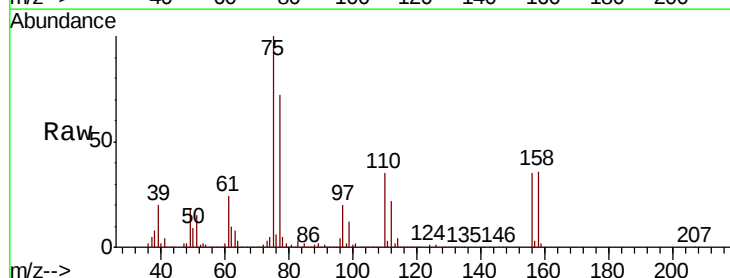
Acq: 10 Sep 2018 21:19

Tgt Ion: 75 Resp: 303578

Ion Ratio Lower Upper

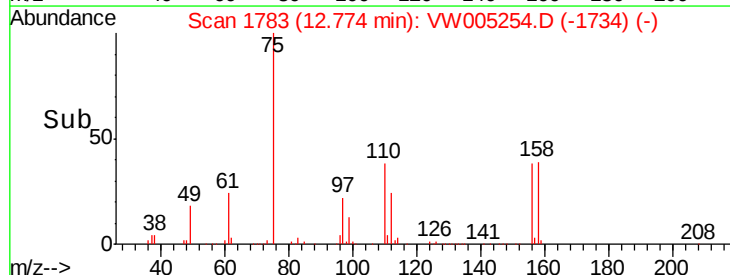
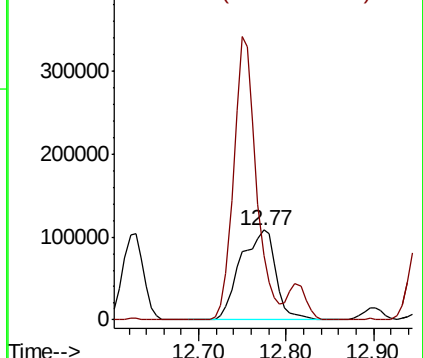
75 100

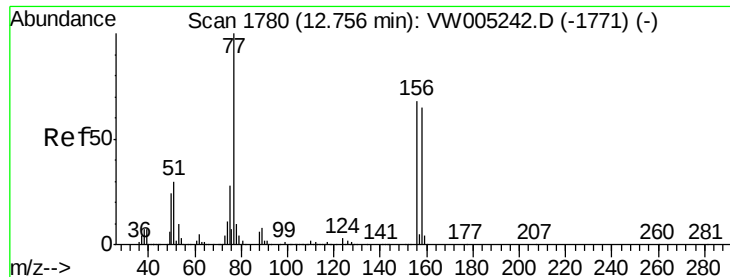
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.178 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

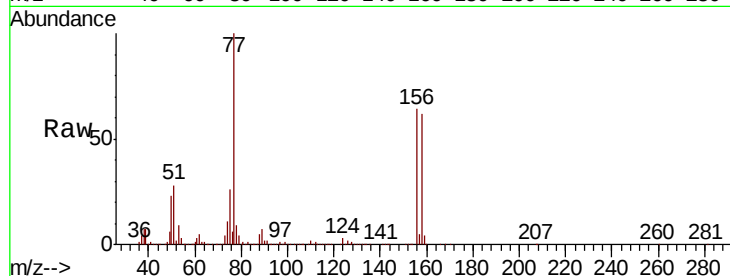
Tgt Ion: 156 Resp: 351351

Ion Ratio Lower Upper

156 100

77 176.0 86.3 258.8

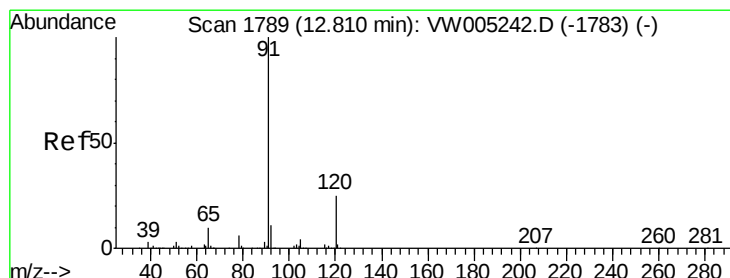
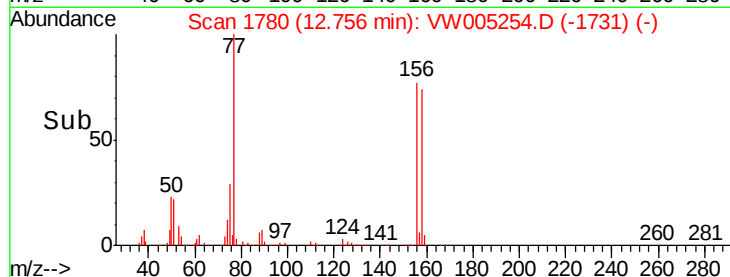
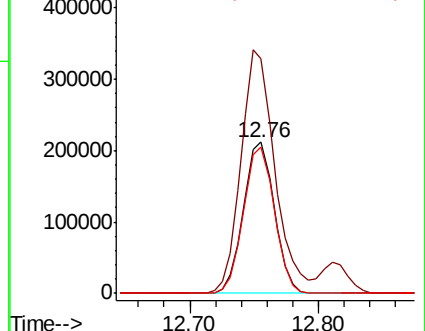
158 96.7 48.6 145.8



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: 52.509 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005254.D

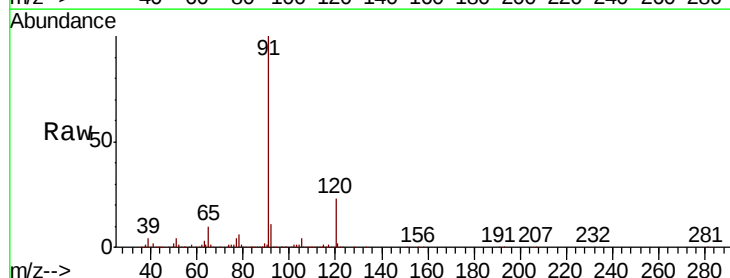
Acq: 10 Sep 2018 21:19

Tgt Ion: 91 Resp: 1768626

Ion Ratio Lower Upper

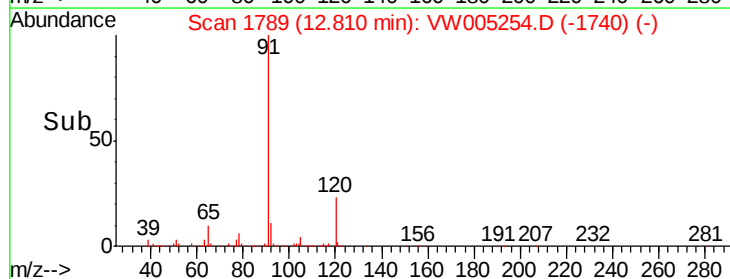
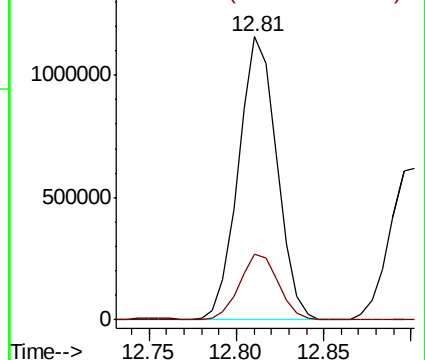
91 100

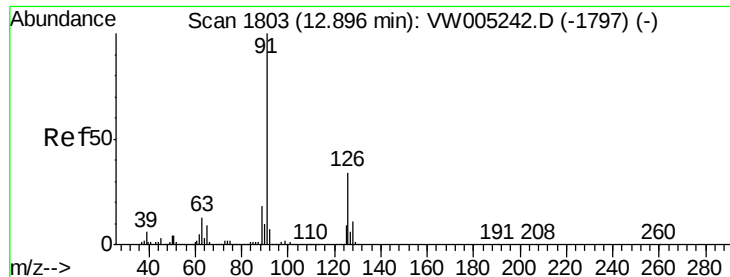
120 23.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

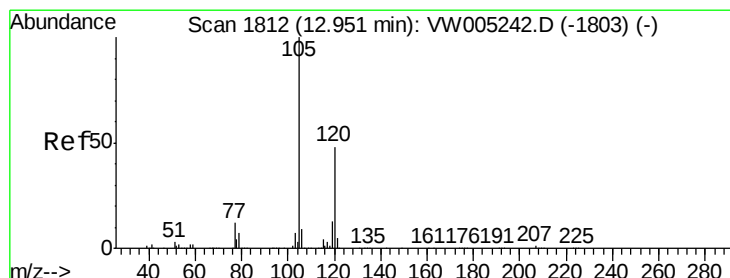
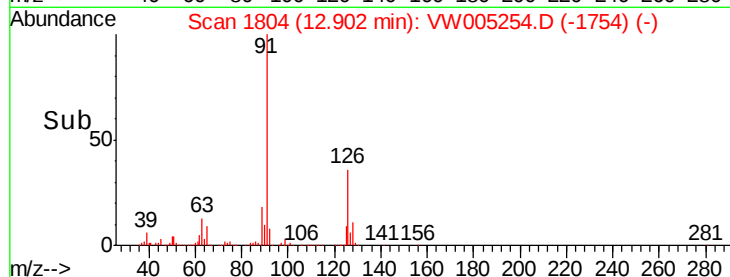
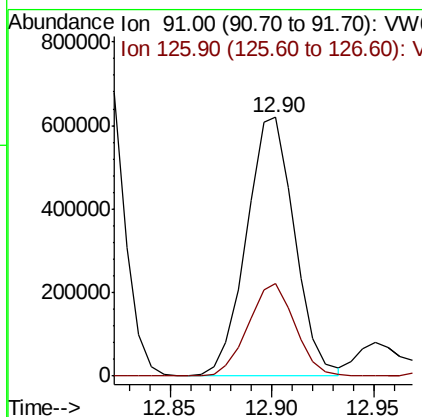
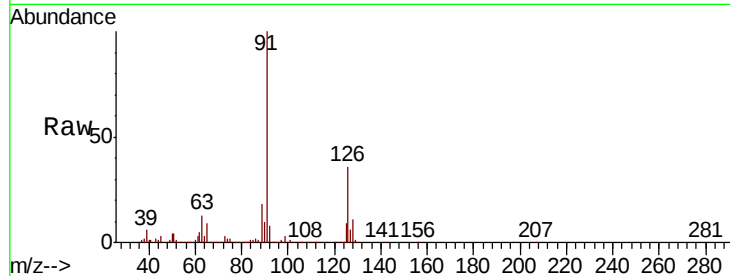




#79
 2-Chlorotoluene
 Concen: 52.642 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

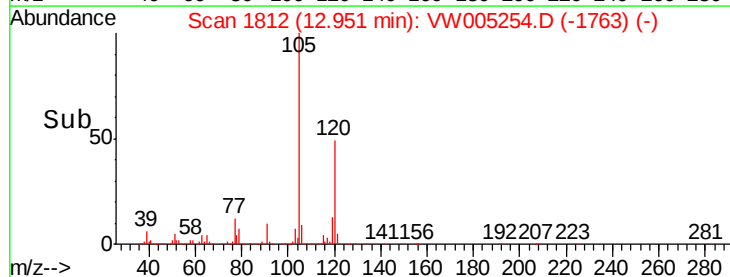
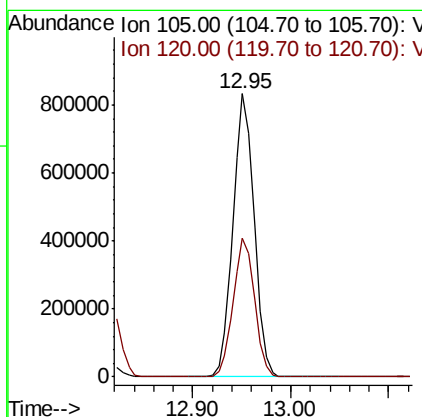
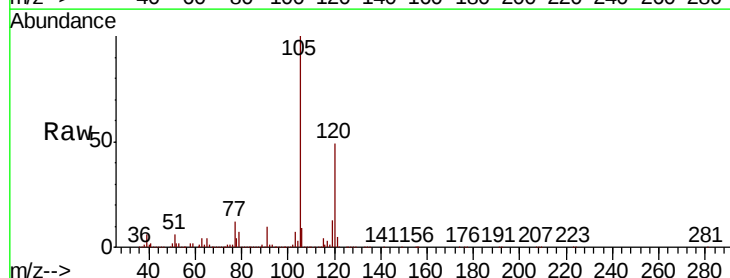
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

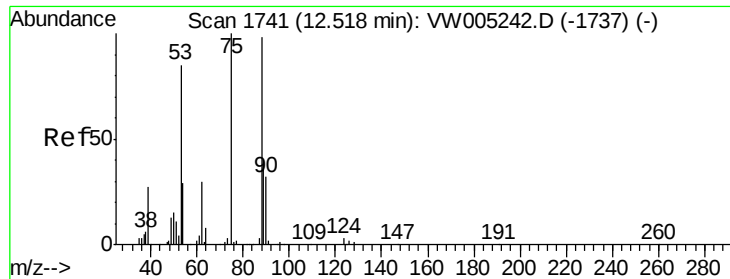
Tgt Ion: 91 Resp: 1016795
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 52.319 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

Tgt Ion: 105 Resp: 1249420
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.4

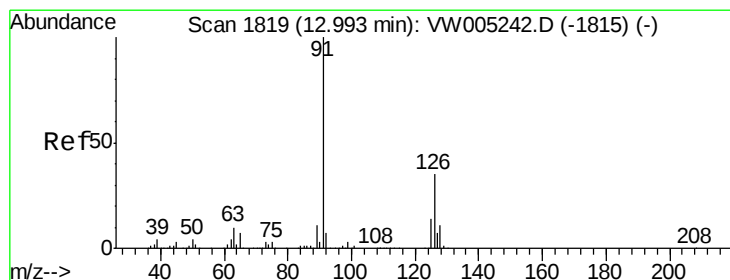
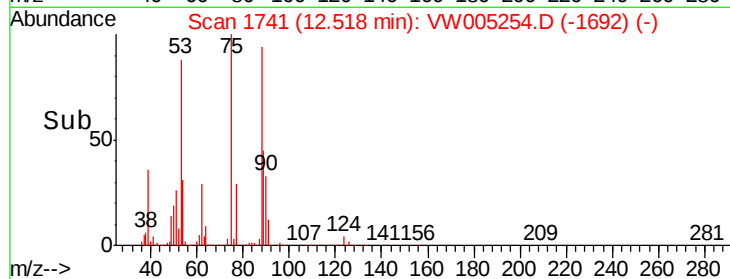
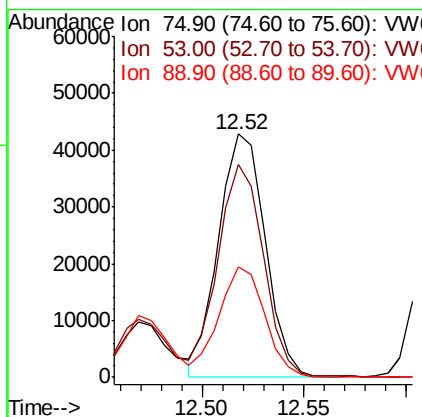
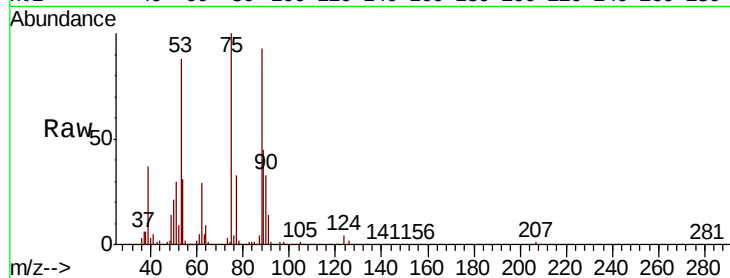




#81
trans-1,4-Dichloro-2-butene
Concen: 51.765 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

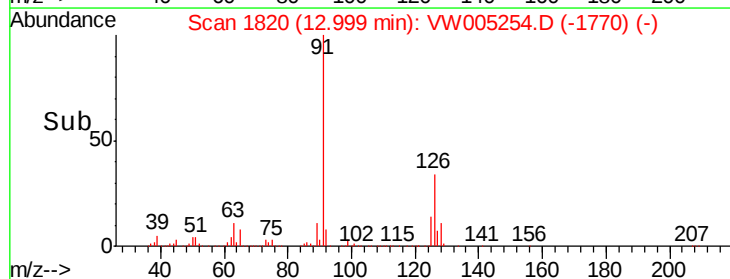
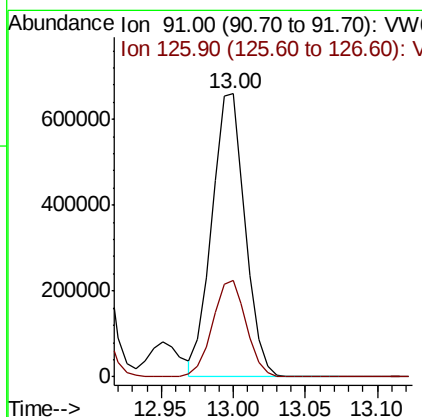
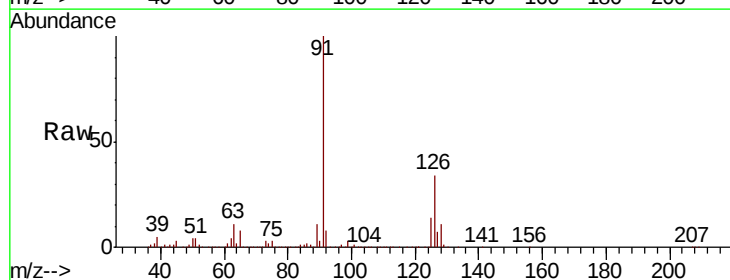
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

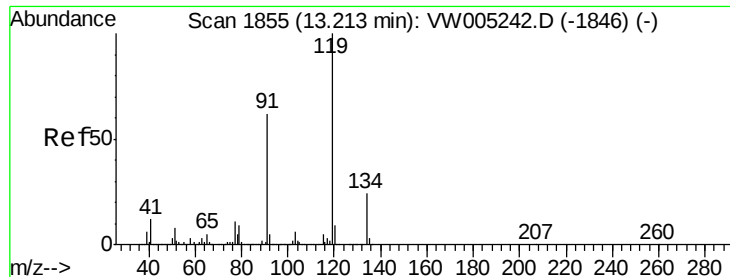
Tgt Ion: 75 Resp: 67387
Ion Ratio Lower Upper
75 100
53 86.5 67.0 100.6
89 45.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.411 ug/l
RT: 13.00 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

Tgt Ion: 91 Resp: 1064073
Ion Ratio Lower Upper
91 100
126 34.4 17.5 52.5

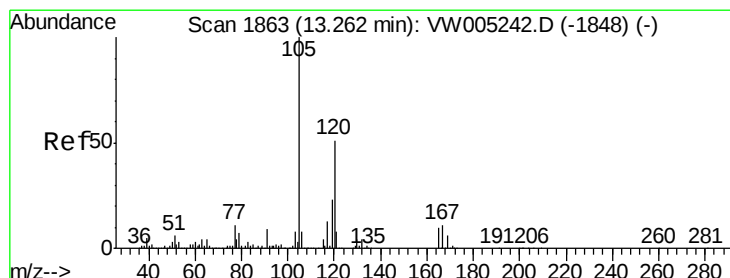
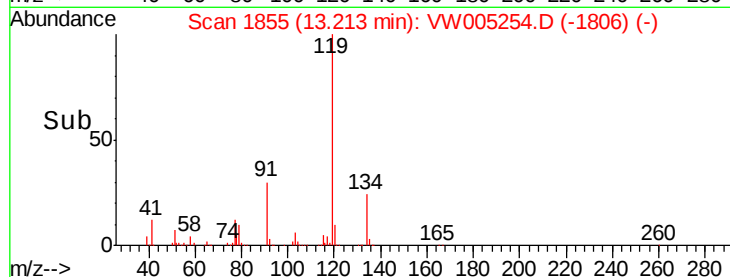
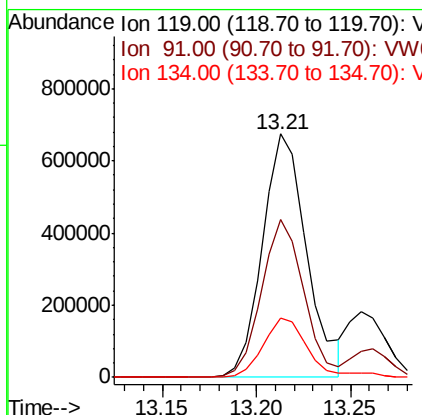
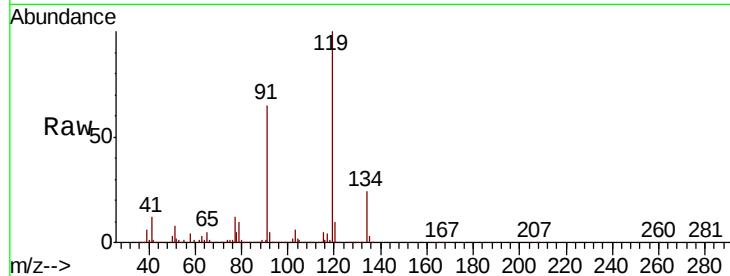




#83
tert-Butylbenzene
Concen: 52.755 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

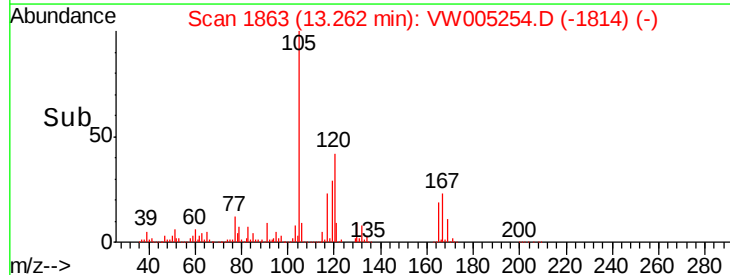
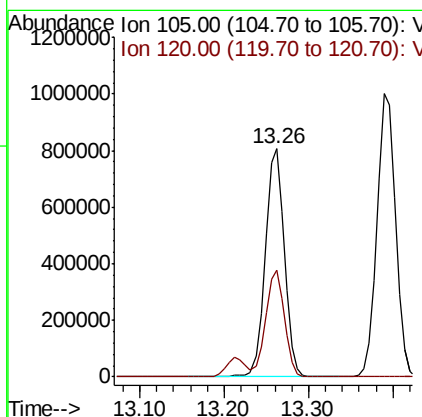
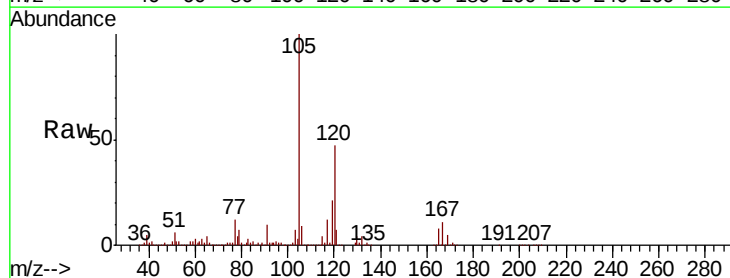
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

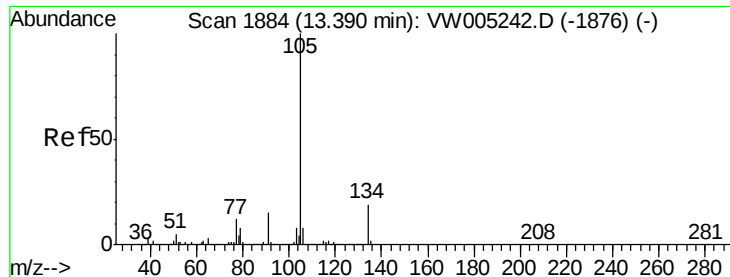
Tgt Ion:119 Resp: 1101839
Ion Ratio Lower Upper
119 100
91 61.8 31.7 95.1
134 25.1 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 52.418 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

Tgt Ion:105 Resp: 1257910
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.3

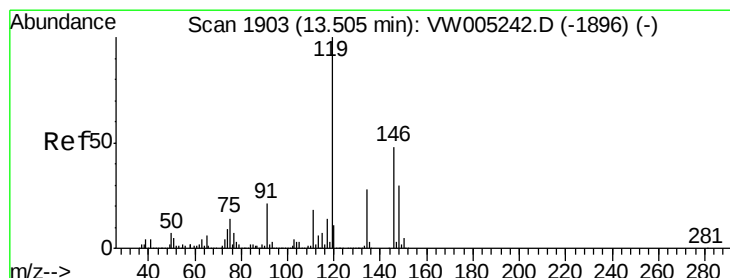
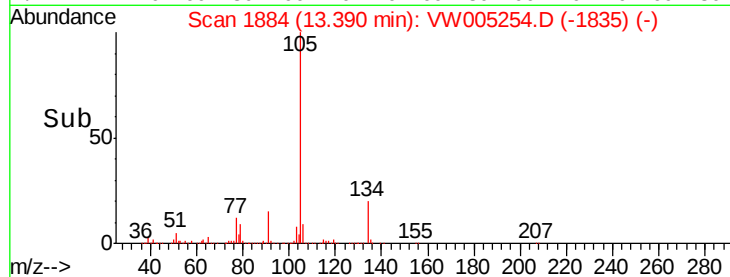
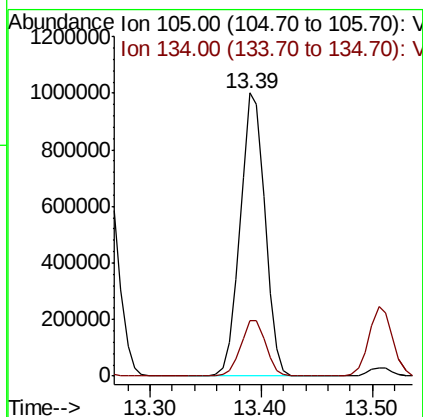
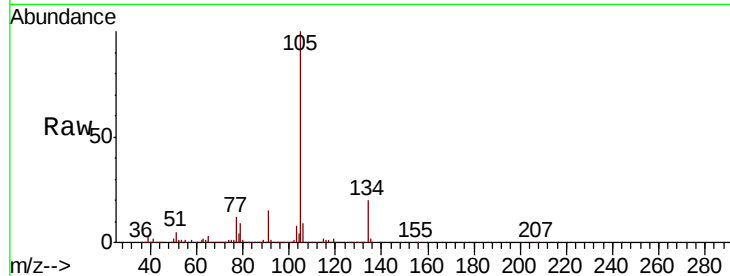




#85
 sec-Butylbenzene
 Concen: 51.320 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

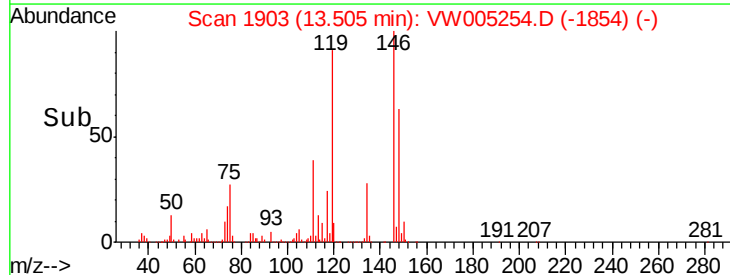
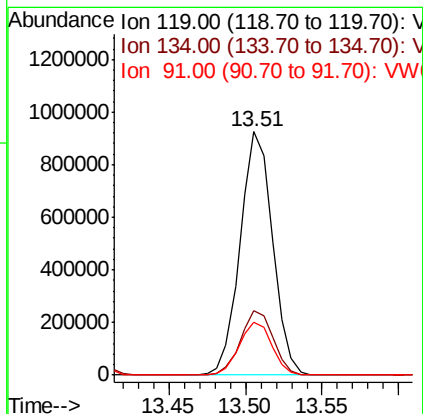
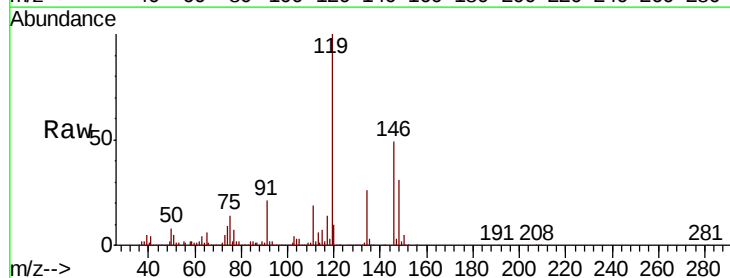
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

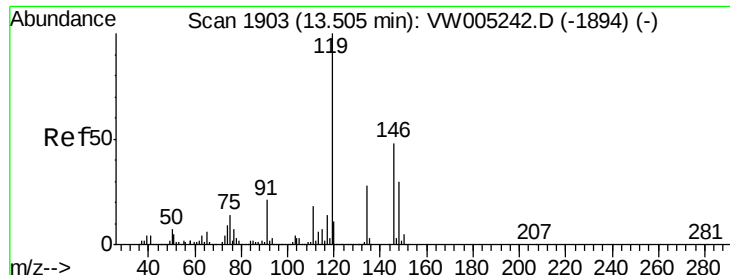
Tgt Ion:105 Resp: 1540471
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 51.252 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

Tgt Ion:119 Resp: 1361873
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 21.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.465 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

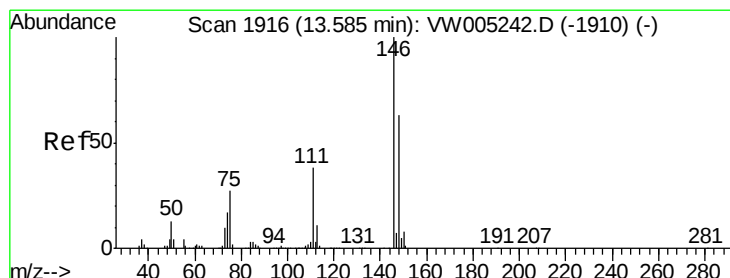
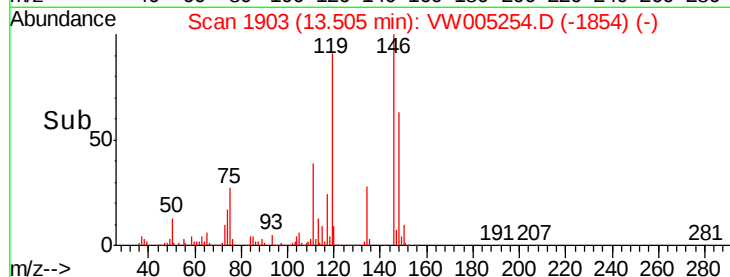
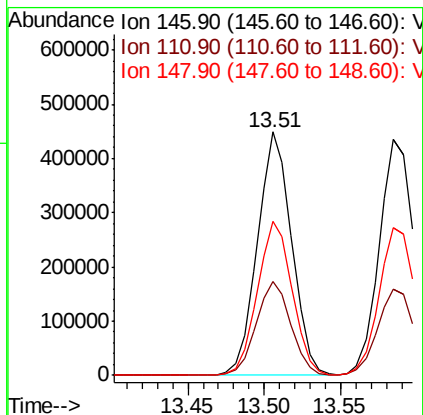
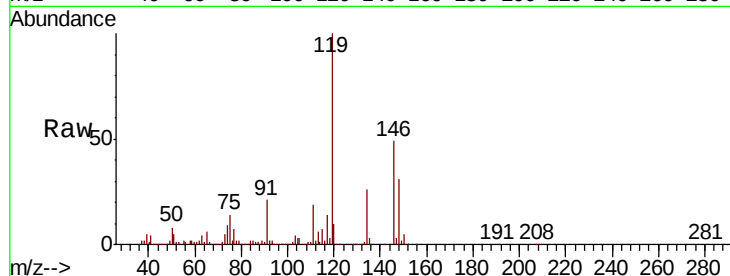
Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tgt Ion:	146	Resp:	700116
Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.8	56.3
148	64.1	31.6	94.8



#88

1,4-Dichlorobenzene

Concen: 50.648 ug/l

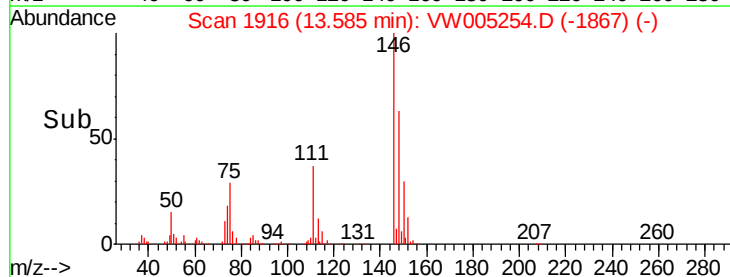
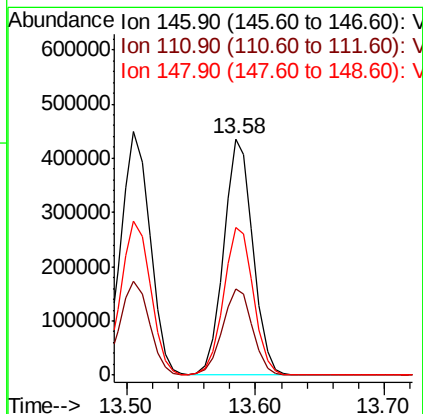
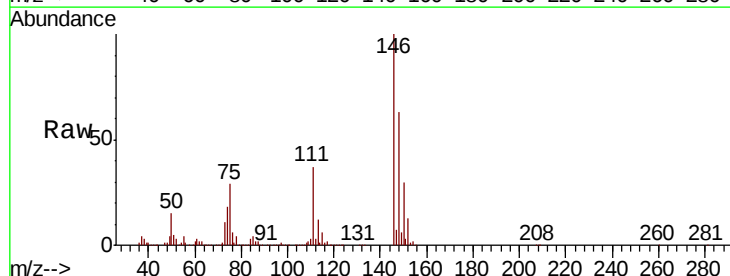
RT: 13.58 min Scan# 1916

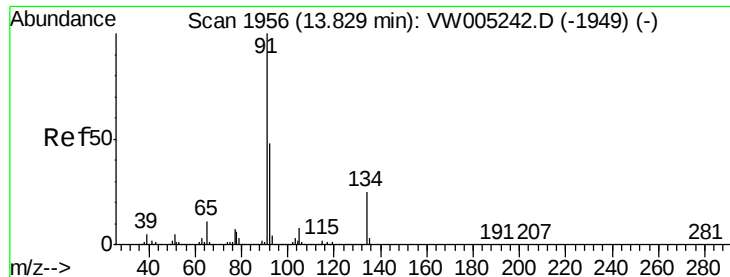
Delta R.T. 0.00 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Tgt Ion:	146	Resp:	690140
Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.3
148	63.9	32.3	96.9





#89

n-Butylbenzene

Concen: 49.670 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005254.D

Acq: 10 Sep 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

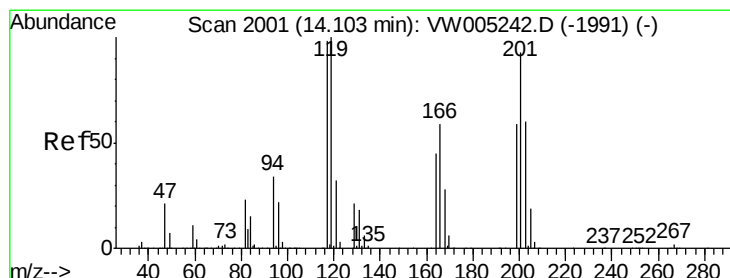
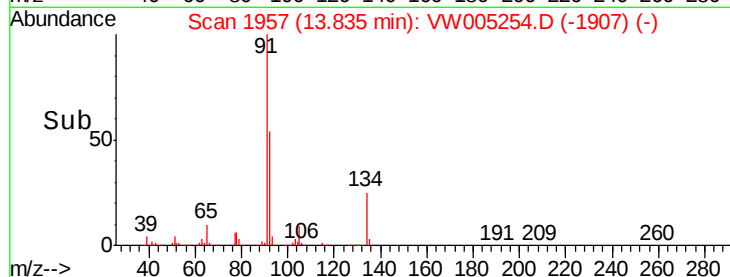
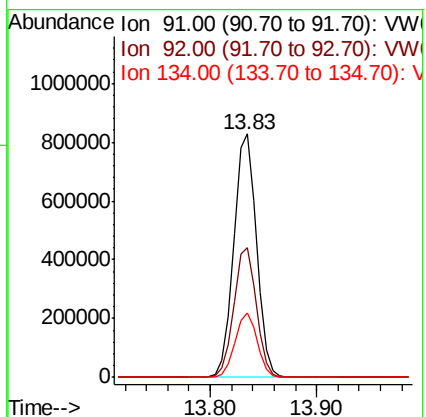
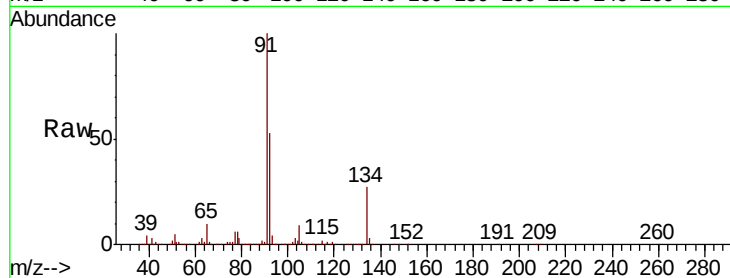
Tgt Ion: 91 Resp: 1240715

Ion Ratio Lower Upper

91 100

92 52.9 25.8 77.3

134 26.2 13.6 40.8



#90

Hexachloroethane

Concen: 50.657 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW005254.D

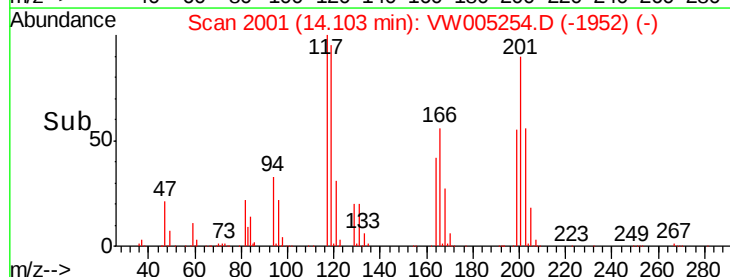
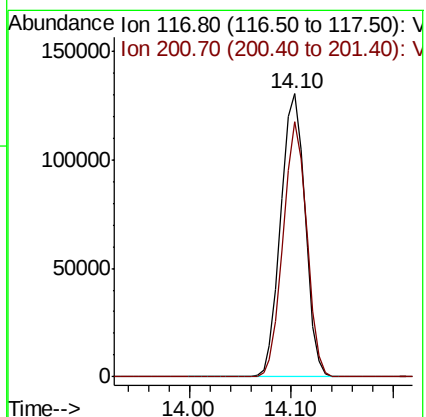
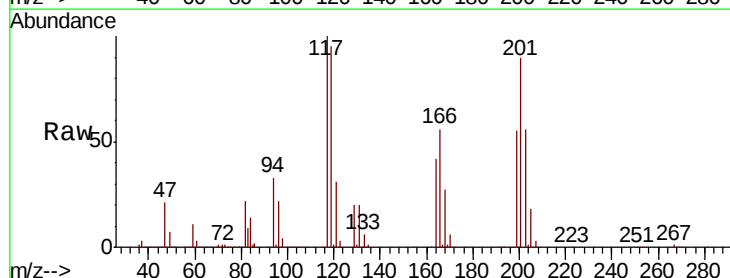
Acq: 10 Sep 2018 21:19

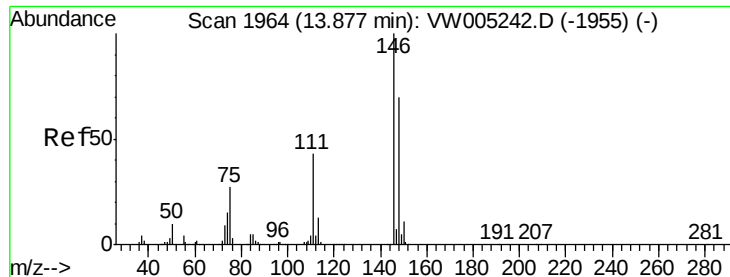
Tgt Ion: 117 Resp: 215661

Ion Ratio Lower Upper

117 100

201 87.1 44.0 132.1

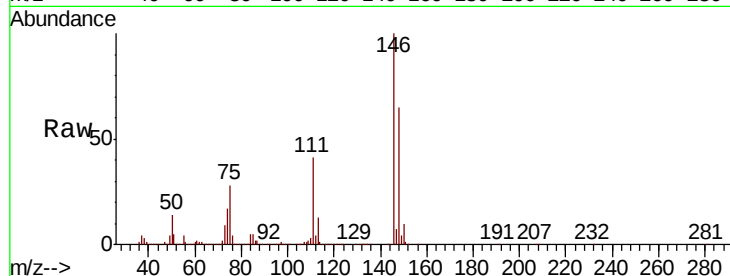




#91
 1,2-Dichlorobenzene
 Concen: 51.633 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

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

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.5	61.5
148	64.1	32.7	98.1

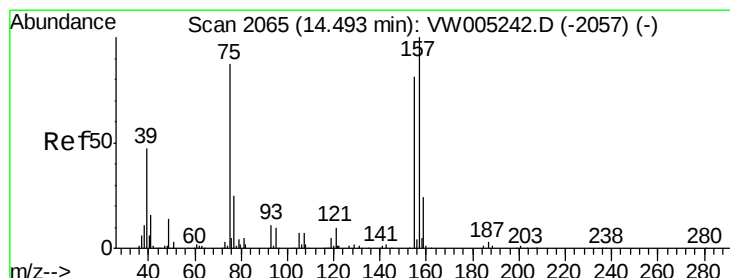
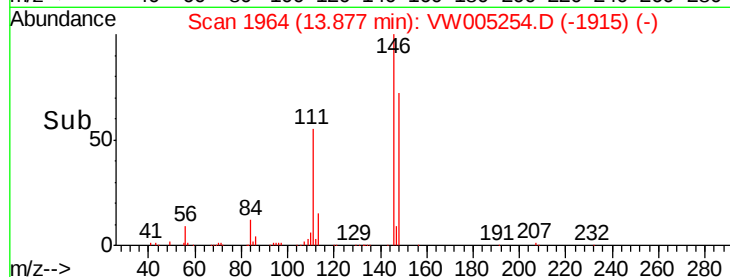
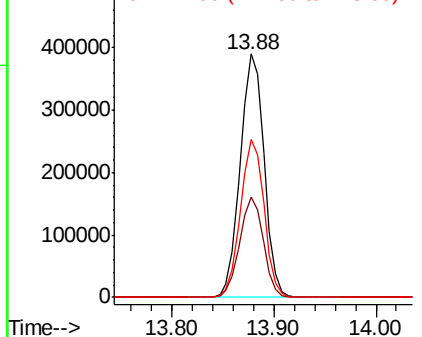


Abundance

Ion 145.90 (145.60 to 146.60): V

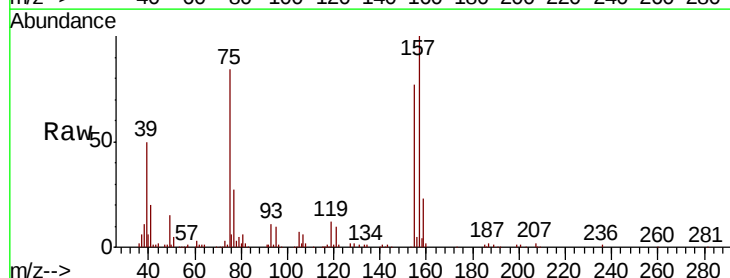
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.487 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.0	47.4	142.2
157	116.8	59.4	178.2

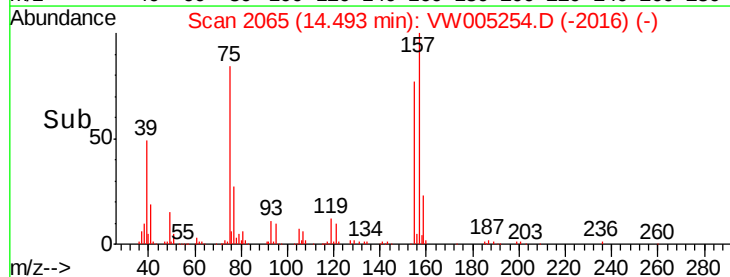
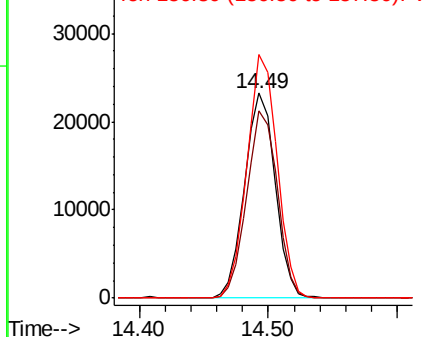


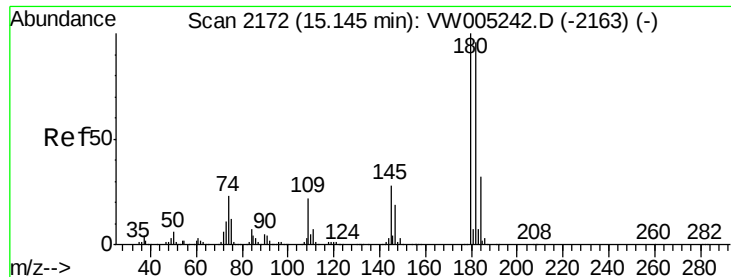
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

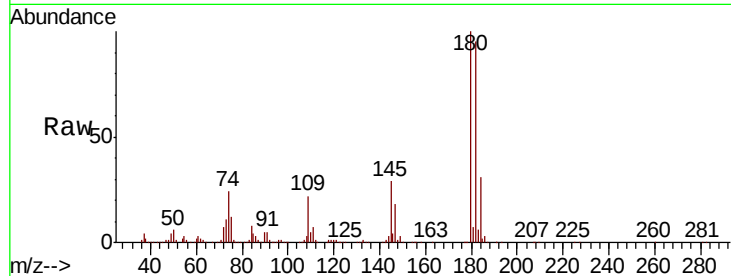




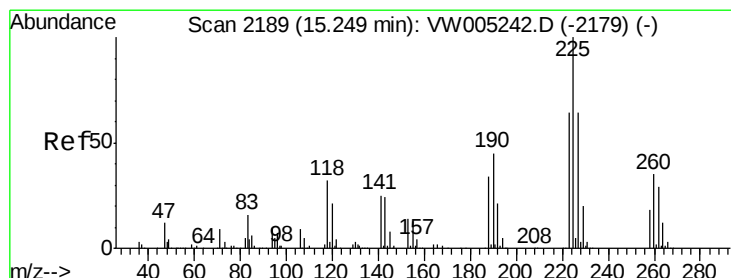
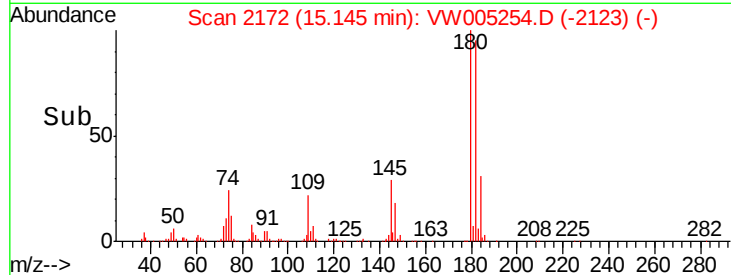
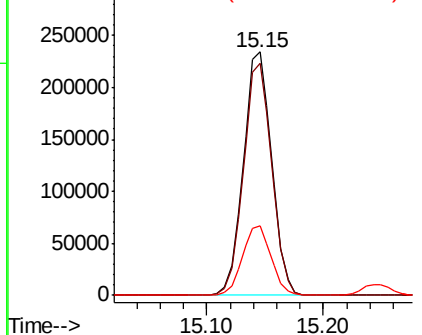
#93
 1,2,4-Trichlorobenzene
 Concen: 45.964 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

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

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.1	144.4
145	28.9	14.5	43.6

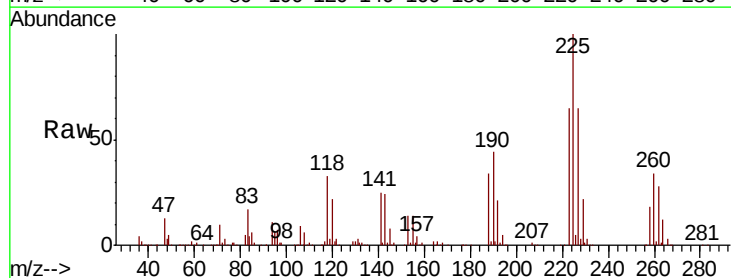


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

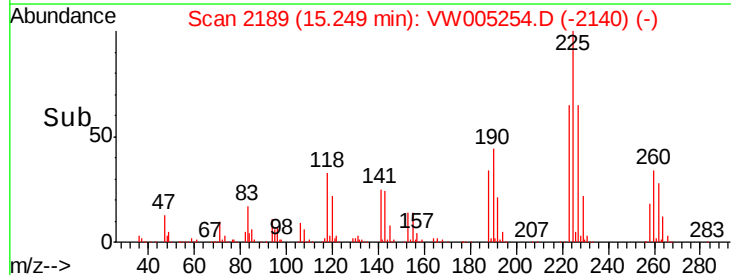
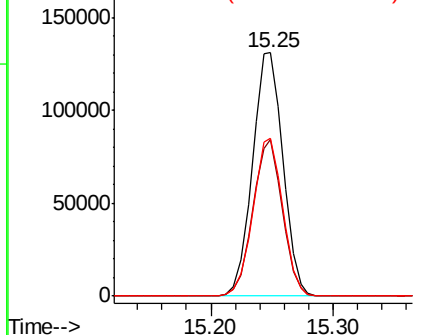


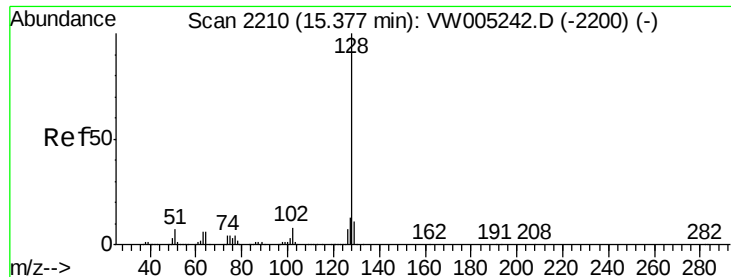
#94
 Hexachlorobutadiene
 Concen: 41.193 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: VW005254.D
 Acq: 10 Sep 2018 21:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.2
227	63.6	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

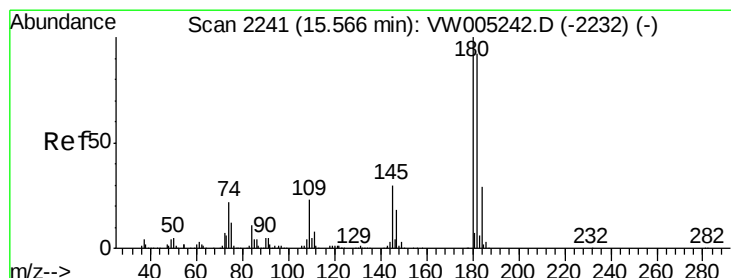
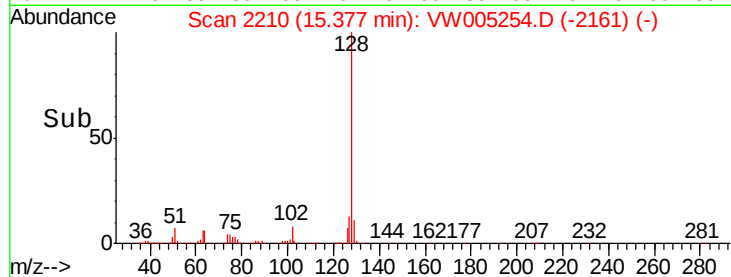
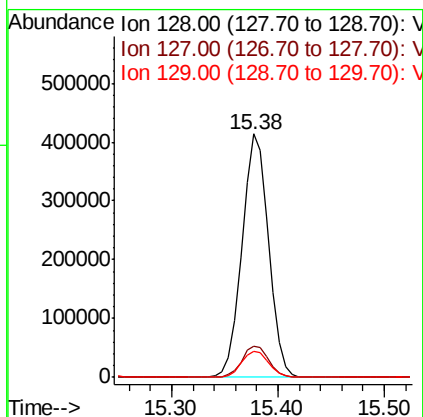
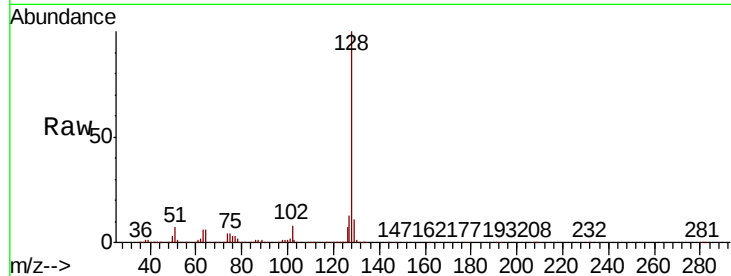




#95
Naphthalene
Concen: 51.819 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

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

Tgt Ion:128 Resp: 724694
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 46.775 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005254.D
Acq: 10 Sep 2018 21:19

Tgt Ion:180 Resp: 347169
Ion Ratio Lower Upper
180 100
182 94.9 47.2 141.6
145 30.2 15.2 45.6

