

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005253.D
 Acq On : 10 Sep 2018 20:54
 Operator : SY/AP
 Sample : J4821-02MS
 Misc : 13.18G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

apatel
 9/11/2018 11:10:01 AM

Quant Time: Sep 11 04:18:52 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	431445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	655511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	675633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	357852	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	194264	60.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.74%	
35) Dibromofluoromethane	7.89	113	188567	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	
50) Toluene-d8	10.33	98	979176	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	
62) 4-Bromofluorobenzene	12.63	95	358297	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	195916	52.64	ug/l	99
3) Chloromethane	2.22	50	287772	57.83	ug/l	98
4) Vinyl Chloride	2.36	62	259738	56.86	ug/l	98
5) Bromomethane	2.76	94	172930	63.20	ug/l	96
6) Chloroethane	2.92	64	143545	57.05	ug/l	99
7) Trichlorofluoromethane	3.26	101	281623	54.50	ug/l	98
8) Diethyl Ether	3.69	74	113242	61.49	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	197476	53.50	ug/l	99
10) Methyl Iodide	4.28	142	240522	52.27	ug/l	100
11) Tert butyl alcohol	5.17	59	92522	350.59	ug/l	99
12) 1,1-Dichloroethene	4.04	96	187037	55.03	ug/l	100
13) Acrolein	3.90	56	75103	294.62	ug/l	98
14) Allyl chloride	4.68	41	300325	57.51	ug/l	99
15) Acrylonitrile	5.37	53	301549	362.94	ug/l	99
16) Acetone	4.13	43	269731	451.58	ug/l	98
17) Carbon Disulfide	4.39	76	685683	57.48	ug/l	99
18) Methyl Acetate	4.68	43	129908	72.86	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	536680	66.30	ug/l	98
20) Methylene Chloride	4.93	84	280232	64.05	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	220942	55.68	ug/l	97
22) Diisopropyl ether	6.32	45	654868	62.29	ug/l	95
23) Vinyl Acetate	6.26	43	1860263	317.51	ug/l	100
24) 1,1-Dichloroethane	6.23	63	370494	57.25	ug/l	99
25) 2-Butanone	7.18	43	357200	379.13	ug/l	96
26) 2,2-Dichloropropane	7.18	77	292991	52.22	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	241578	56.89	ug/l	99
28) Bromochloromethane	7.52	49	143995	60.31	ug/l #	97
29) Tetrahydrofuran	7.54	42	233568	367.87	ug/l	99
30) Chloroform	7.68	83	402834	62.03	ug/l	99
31) Cyclohexane	7.96	56	376793	54.72	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	329082	56.09	ug/l	99
36) 1,1-Dichloropropene	8.09	75	321243	53.49	ug/l	100
37) Ethyl Acetate	7.26	43	152987	66.97	ug/l	100
38) Carbon Tetrachloride	8.07	117	295146	52.46	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	380262	47.69	ug/l	98
40) Benzene	8.33	78	984746	55.66	ug/l	99
41) Methacrylonitrile	7.49	41	81296	69.37	ug/l	95
42) 1,2-Dichloroethane	8.41	62	242848	57.37	ug/l	100
43) Isopropyl Acetate	8.43	43	284688	67.11	ug/l	100
44) Trichloroethene	9.10	130	260266	53.62	ug/l	99
45) 1,2-Dichloropropane	9.38	63	242020	56.91	ug/l	99
46) Dibromomethane	9.46	93	120345	57.81	ug/l	99
47) Bromodichloromethane	9.65	83	284706	55.91	ug/l	95
48) Methyl methacrylate	9.44	41	140550	63.81	ug/l	91
49) 1,4-Dioxane	9.45	88	52665	1355.05	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	870602	364.70	ug/l	100
52) Toluene	10.40	92	731220	56.86	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	342959	62.32	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	393414	59.70	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	202157	60.91	ug/l	99
56) Ethyl methacrylate	10.65	69	287833	68.40	ug/l	99
57) 1,3-Dichloropropane	10.94	76	345137	62.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	579396	316.80	ug/l	99
59) 2-Hexanone	10.98	43	638413	370.97	ug/l	99
60) Dibromochloromethane	11.13	129	227278	61.71	ug/l	98
61) 1,2-Dibromoethane	11.24	107	193615	63.61	ug/l	98
64) Tetrachloroethene	10.87	164	311928	62.23	ug/l	99
65) Chlorobenzene	11.66	112	792091	53.52	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	242557	54.89	ug/l	99
67) Ethyl Benzene	11.74	91	1374980	53.35	ug/l	99
68) m/p-Xylenes	11.85	106	1101724	106.07	ug/l	99
69) o-Xylene	12.17	106	517685	53.57	ug/l	97
70) Styrene	12.19	104	880016	55.81	ug/l	99
71) Bromoform	12.35	173	147298	61.47	ug/l #	99
73) Isopropylbenzene	12.47	105	1345677	53.22	ug/l	100
74) N-amyl acetate	12.28	43	336716	69.99	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	245628	64.64	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	174083m	63.25	ug/l	
77) Bromobenzene	12.76	156	338479	56.82	ug/l	97
78) n-propylbenzene	12.81	91	1599803	52.68	ug/l	99
79) 2-Chlorotoluene	12.90	91	939826	53.97	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1126447	52.32	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	78625	66.99	ug/l	99
82) 4-Chlorotoluene	12.99	91	984139	53.77	ug/l	99
83) tert-Butylbenzene	13.21	119	959353	50.95	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1160194	53.63	ug/l	98
85) sec-Butylbenzene	13.39	105	1312589	48.50	ug/l	100
86) p-Isopropyltoluene	13.51	119	1179280	49.23	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	657366	52.56	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	654166	53.25	ug/l	99
89) n-Butylbenzene	13.83	91	1029428	45.71	ug/l	98
90) Hexachloroethane	14.10	117	185037	48.21	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	609928	55.48	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	43841	69.38	ug/l	99

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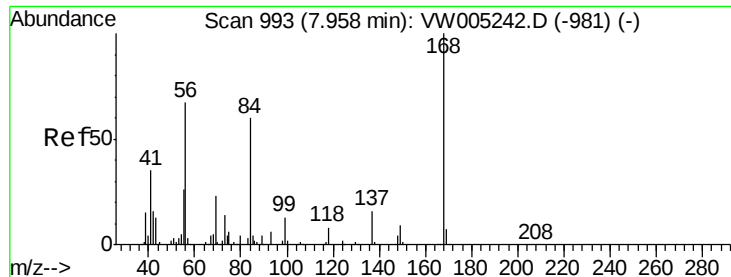
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	365109	46.95	ug/l	99
94) Hexachlorobutadiene	15.25	225	153711	30.87	ug/l	99
95) Naphthalene	15.38	128	788976	62.58	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	330954	49.46	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005253.D

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Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:168 Resp: 431445

Ion Ratio Lower Upper

168 100

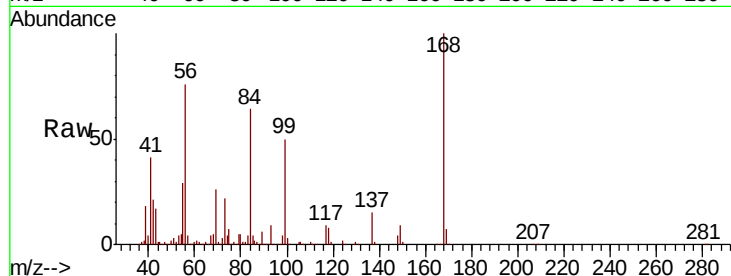
99 49.7 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

100000

50000

0

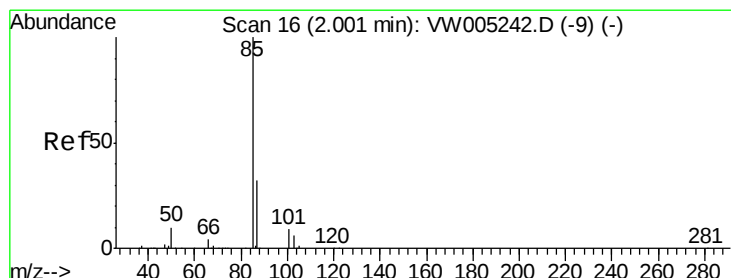
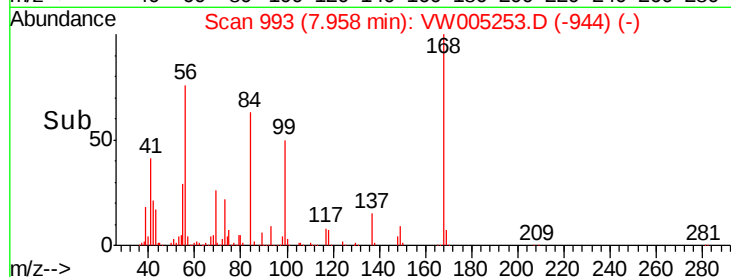
7.80

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 52.64 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005253.D

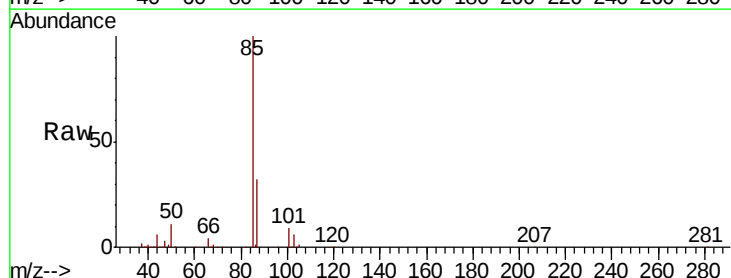
Acq: 10 Sep 2018 20:54

Tgt Ion: 85 Resp: 195916

Ion Ratio Lower Upper

85 100

87 32.5 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

150000

100000

50000

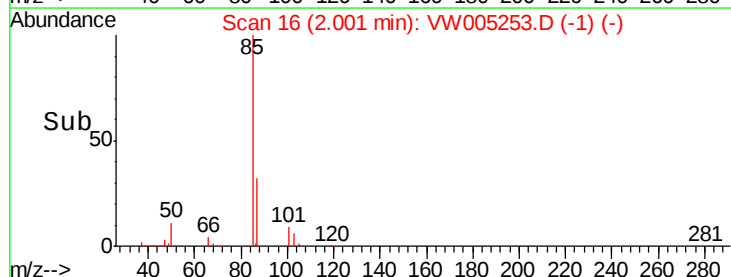
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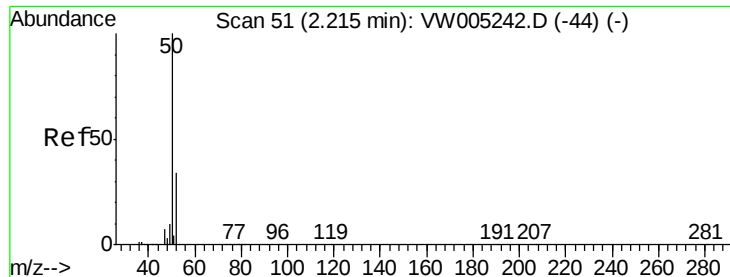
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 57.83 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 50 Resp: 287772

Ion Ratio Lower Upper

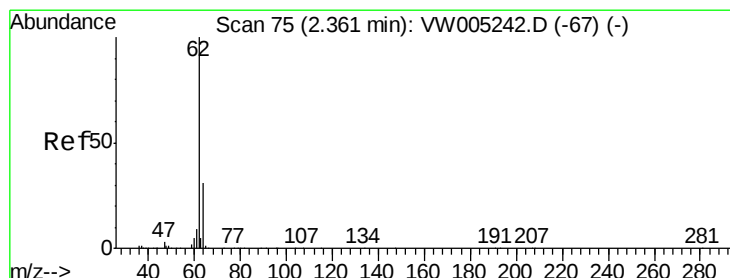
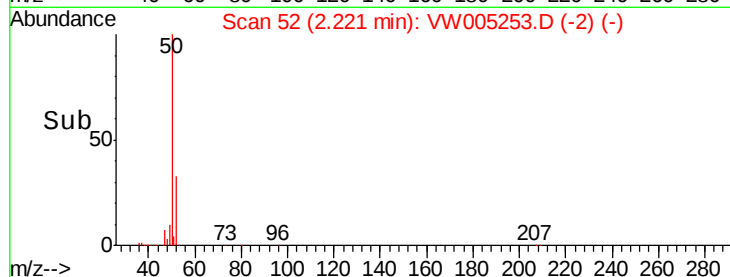
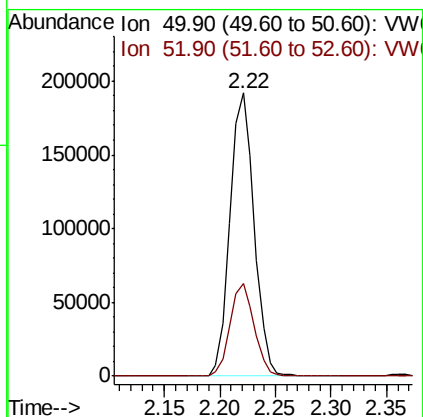
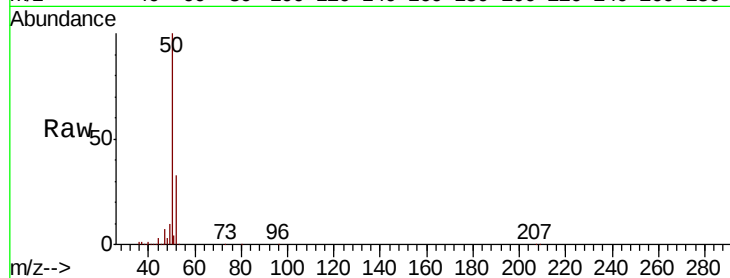
50 100

52 32.8 27.0 40.4

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#4

Vinyl Chloride

Concen: 56.86 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005253.D

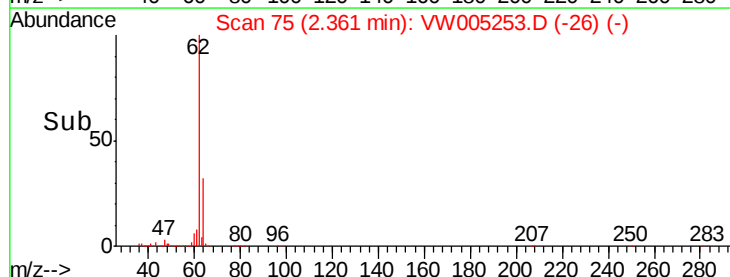
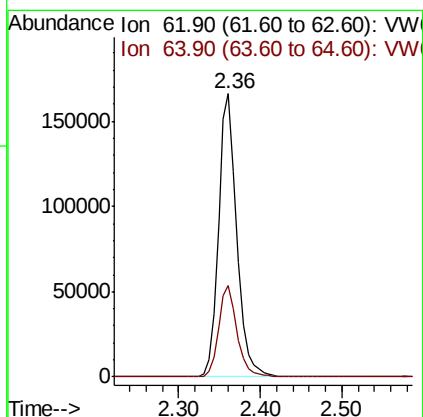
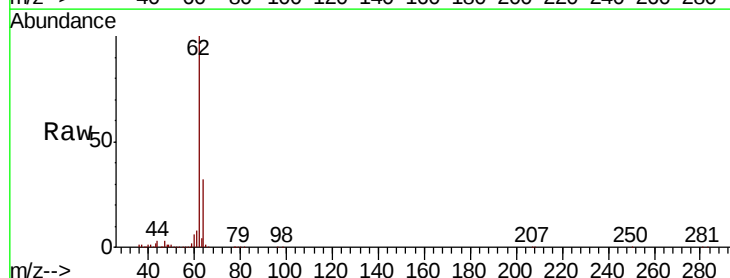
Acq: 10 Sep 2018 20:54

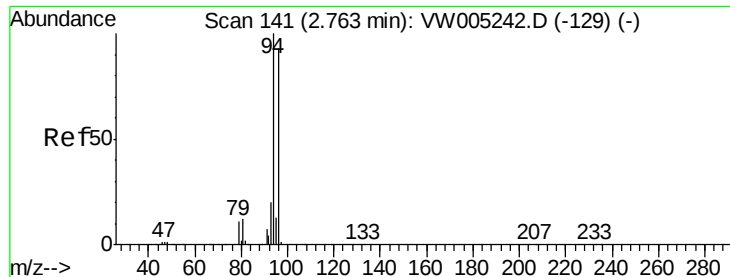
Tgt Ion: 62 Resp: 259738

Ion Ratio Lower Upper

62 100

64 32.1 24.6 37.0





#5

Bromomethane

Concen: 63.20 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW005253.D

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Tot Ion: 94 Resp: 172930

Ion Ratio Lower Upper

94 100

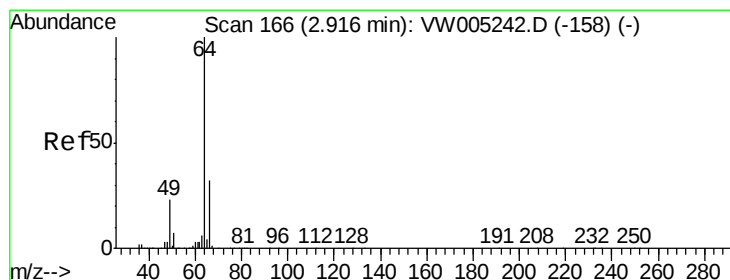
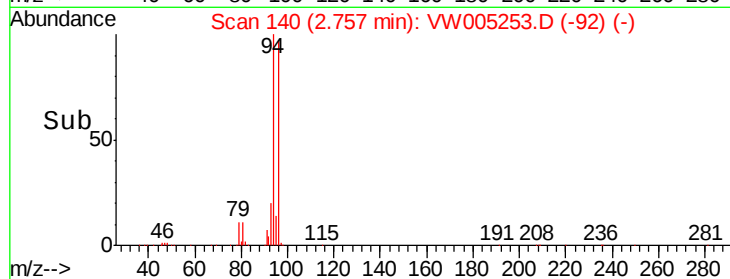
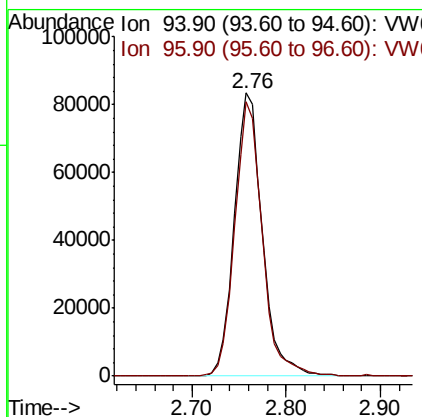
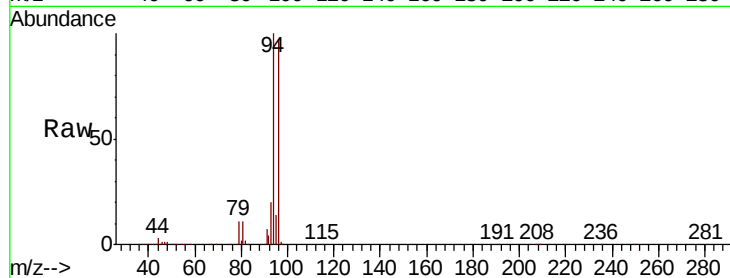
96 96.8 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 57.05 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW005253.D

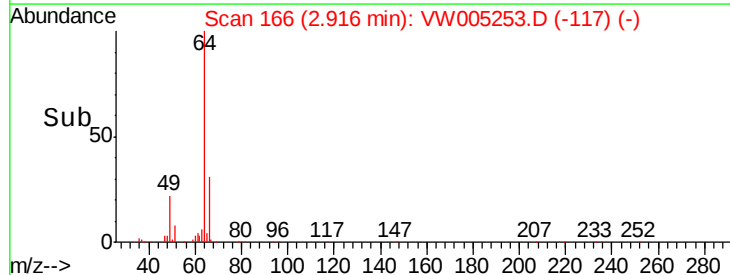
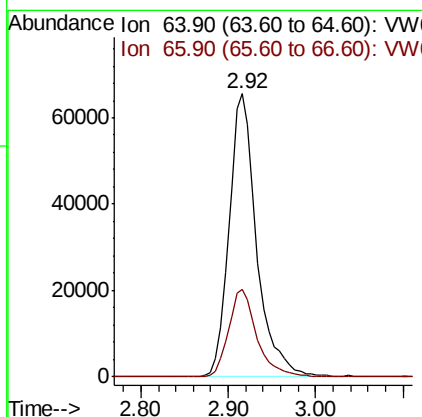
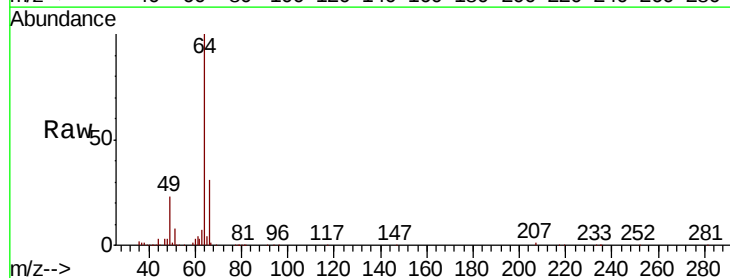
Acq: 10 Sep 2018 20:54

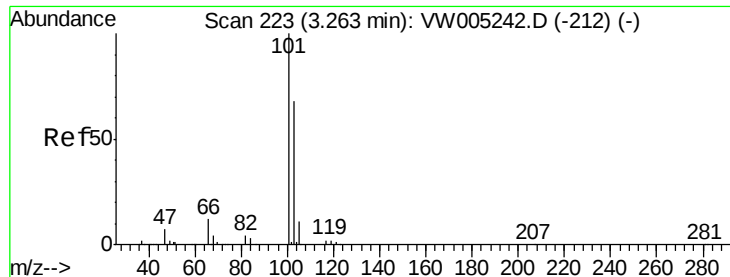
Tgt Ion: 64 Resp: 143545

Ion Ratio Lower Upper

64 100

66 31.1 25.3 37.9





#7

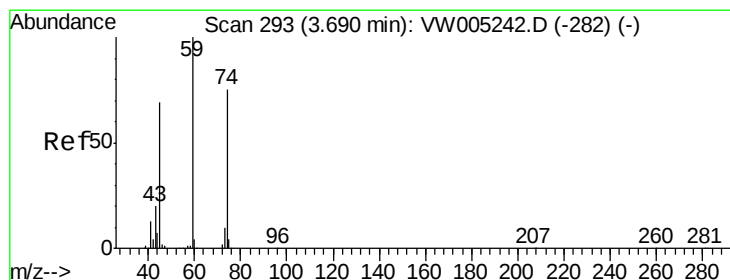
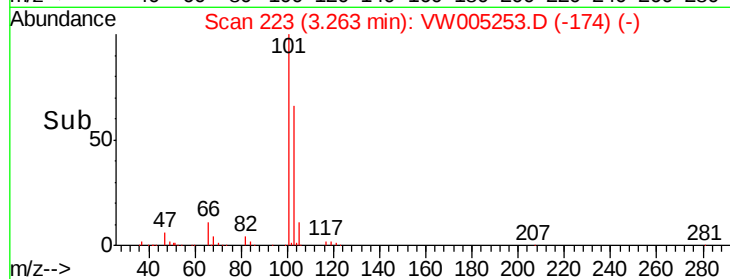
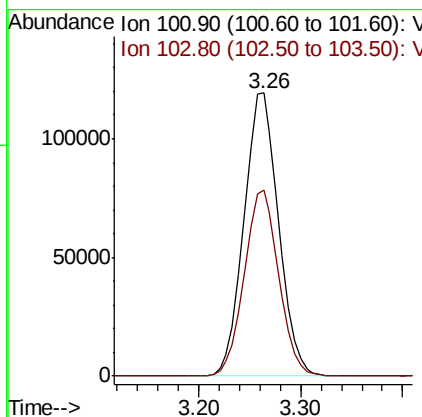
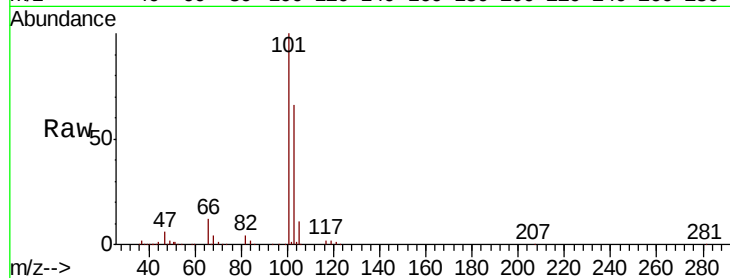
Trichlorofluoromethane
Concen: 54.50 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW005253.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	54.1	81.1

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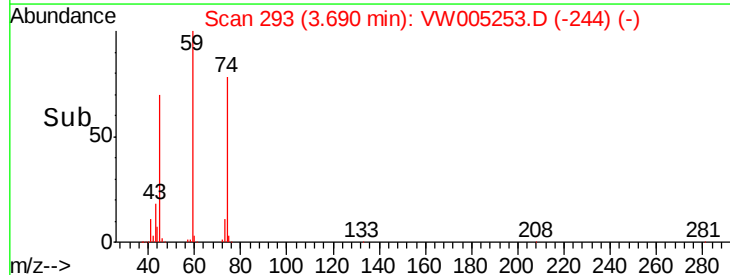
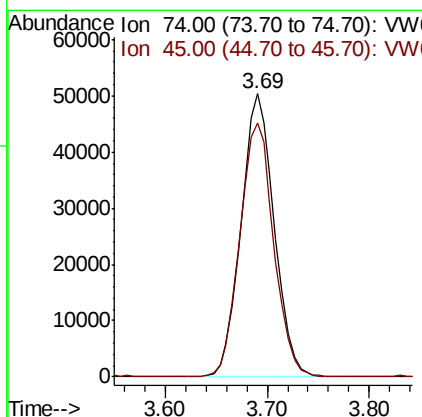
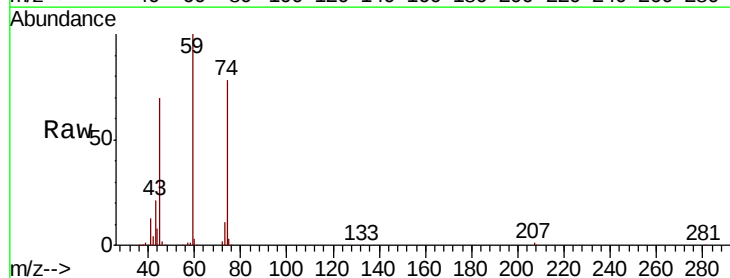
apatel
9/11/2018 11:10:01 AM

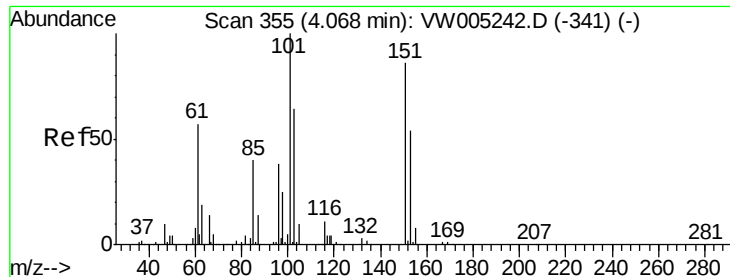


#8

Diethyl Ether
Concen: 61.49 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.2	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.50 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

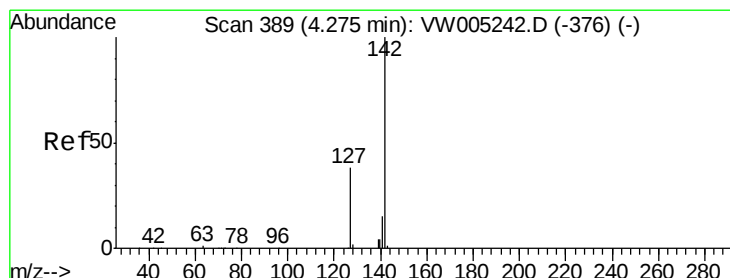
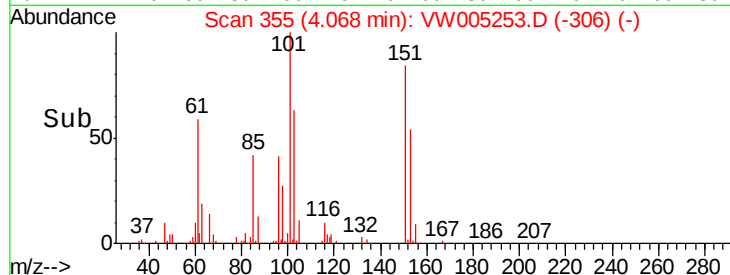
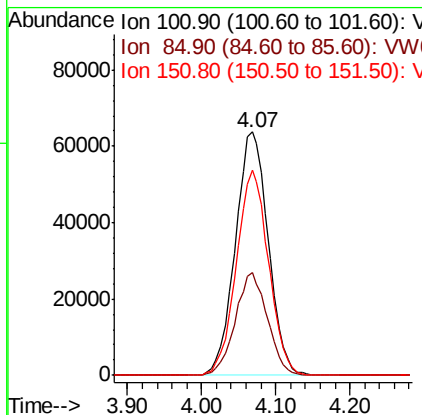
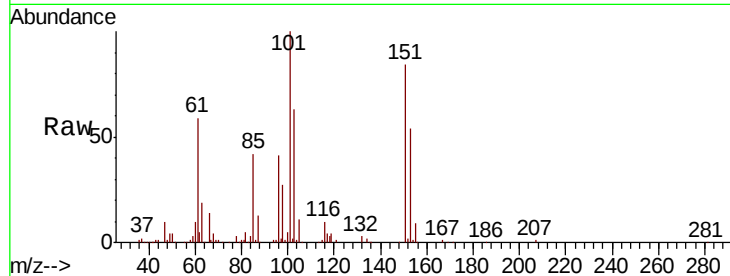
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:	101	Resp:	197476
Ion Ratio	Lower	Upper	
101	100		
85	41.1	32.7	49.1
151	82.7	67.6	101.4

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#10

Methyl Iodide

Concen: 52.27 ug/l

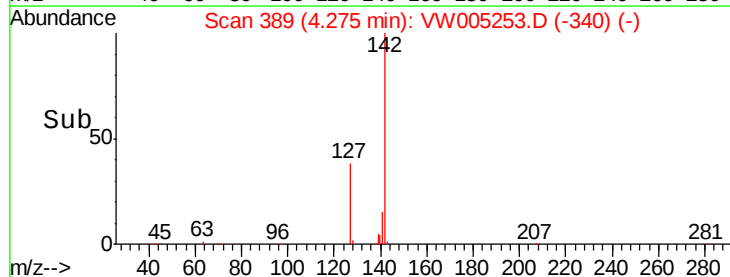
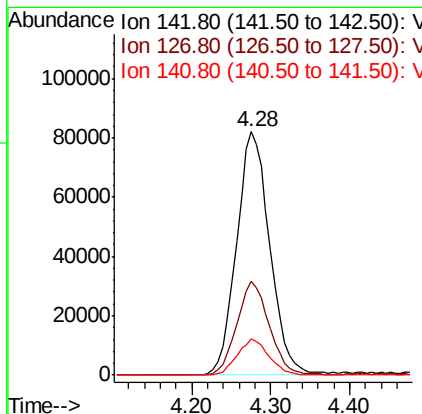
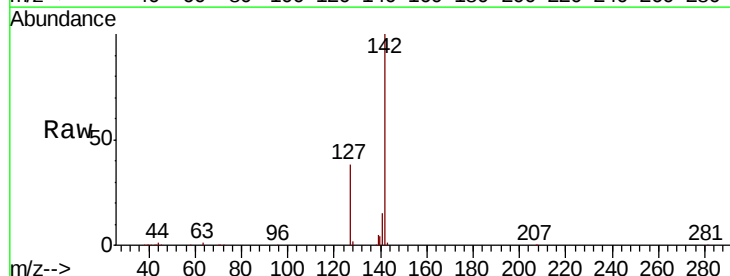
RT: 4.28 min Scan# 389

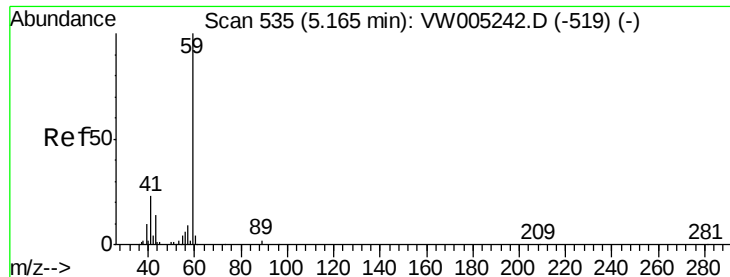
Delta R.T. 0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Tgt Ion:	142	Resp:	240522
Ion Ratio	Lower	Upper	
142	100		
127	37.7	30.3	45.5
141	14.2	11.4	17.0





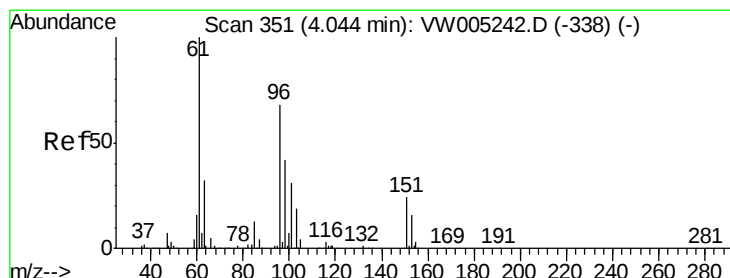
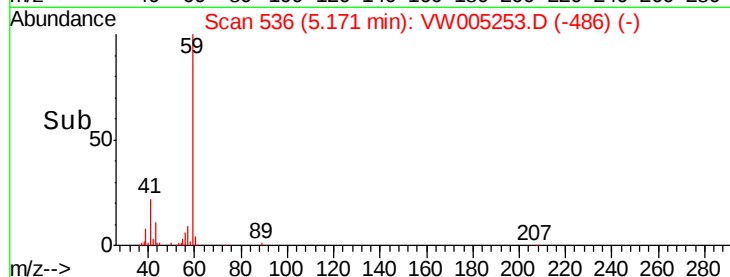
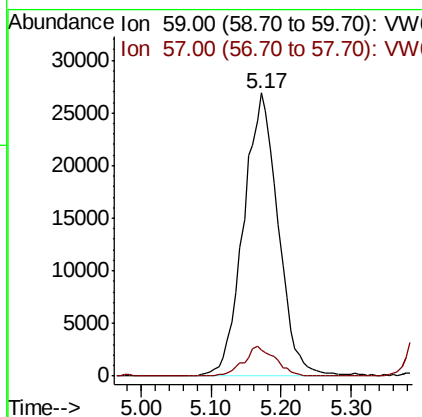
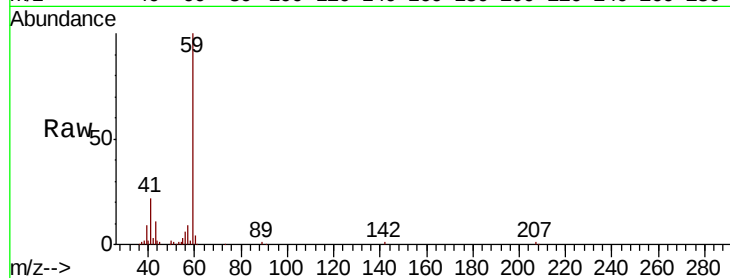
#11
Tert butyl alcohol
Concen: 350.59 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

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

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.1	12.1

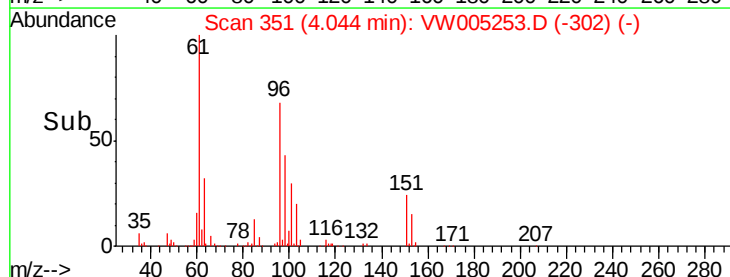
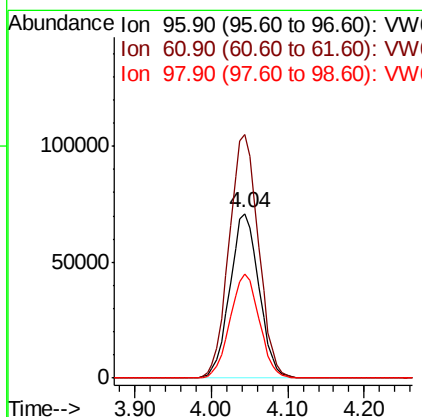
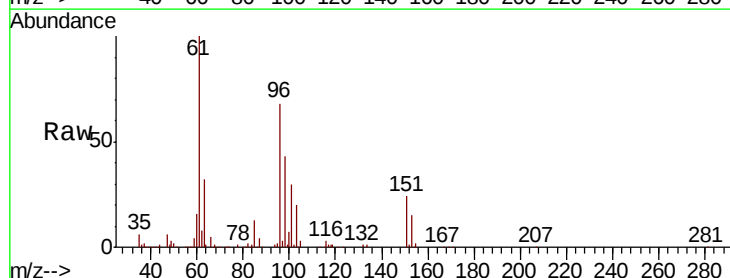
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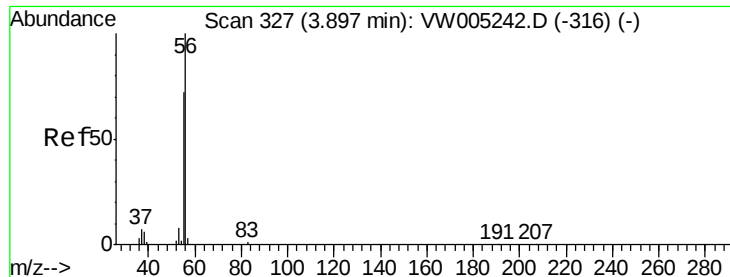
apatel
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#12
1,1-Dichloroethene
Concen: 55.03 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.9	118.2	177.2
98	63.0	49.9	74.9





#13

Acrolein

Concen: 294.62 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 56 Resp: 75103

Ion Ratio Lower Upper

56 100

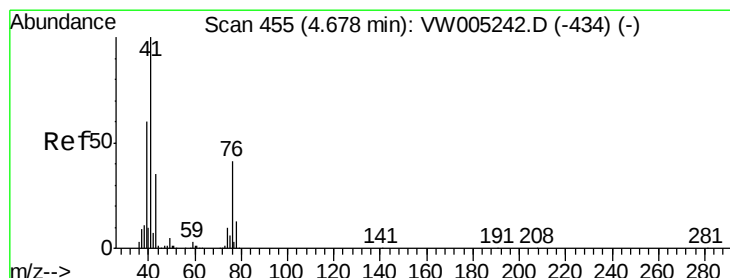
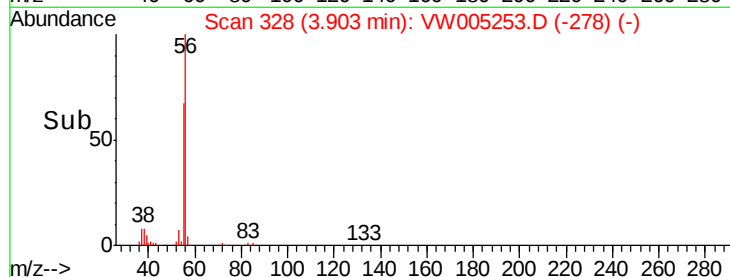
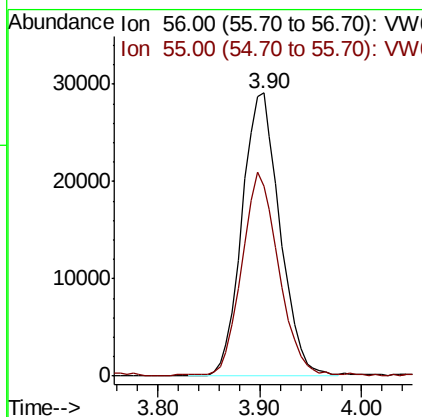
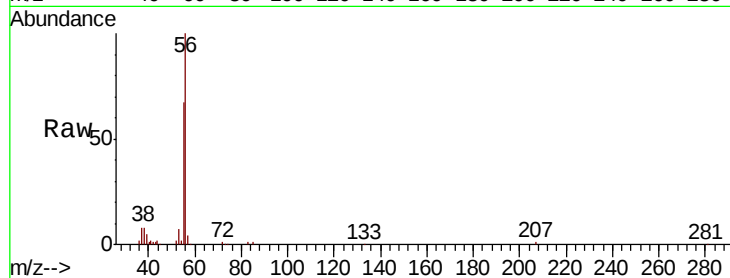
55 69.3 56.8 85.2

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#14

Allyl chloride

Concen: 57.51 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

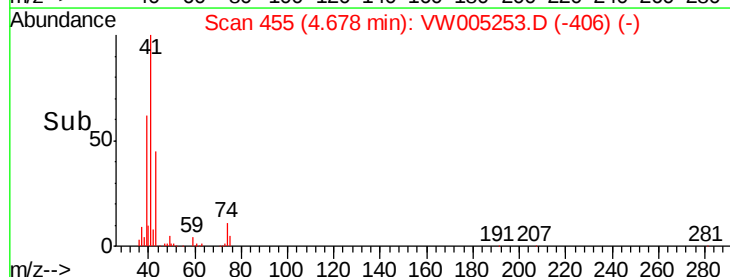
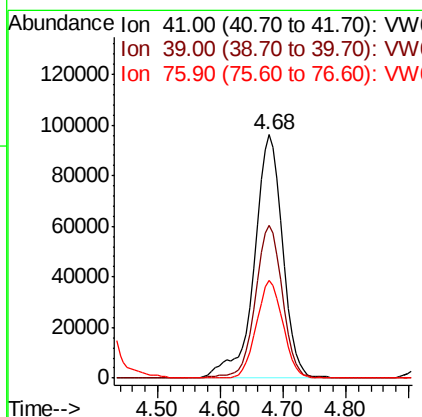
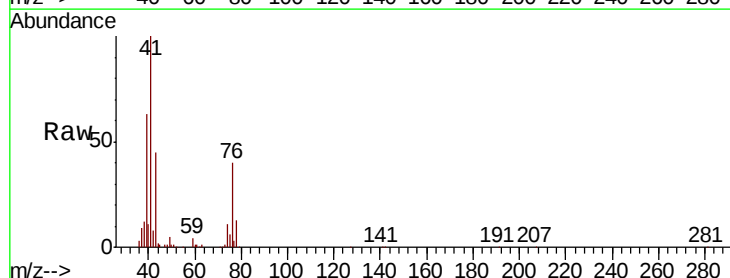
Tgt Ion: 41 Resp: 300325

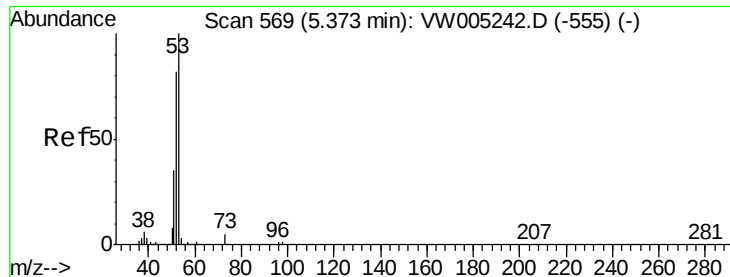
Ion Ratio Lower Upper

41 100

39 60.0 48.2 72.4

76 37.7 31.7 47.5





#15

Acrylonitrile

Concen: 362.94 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

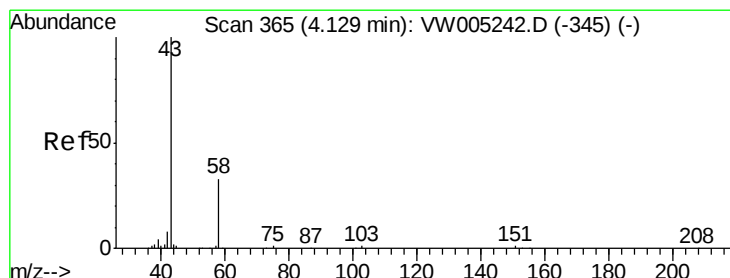
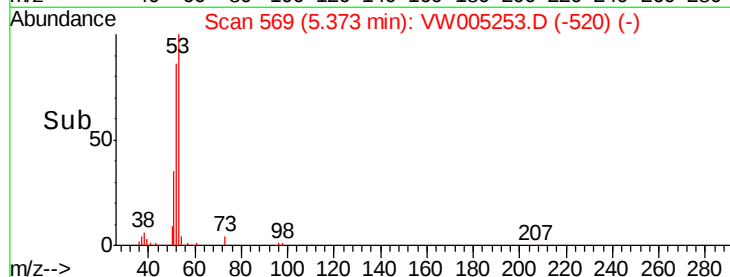
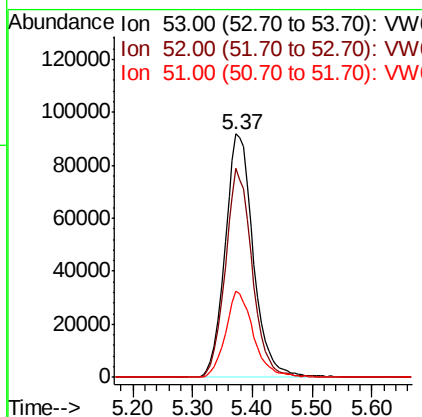
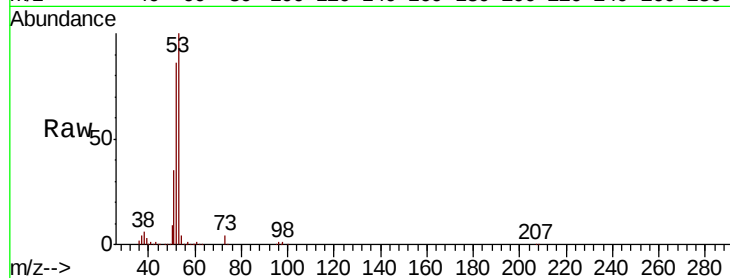
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:	53	Resp:	301549
Ion Ratio	Lower	Upper	
53	100		
52	81.5	66.0	99.0
51	35.1	28.6	43.0

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#16

Acetone

Concen: 451.58 ug/l

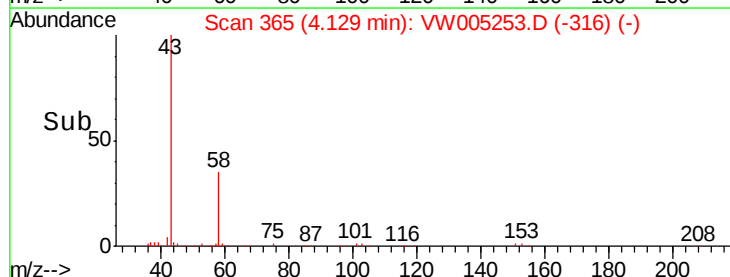
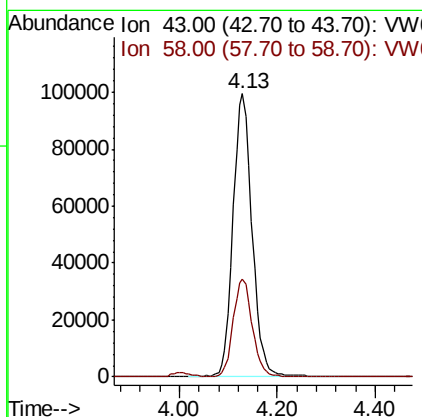
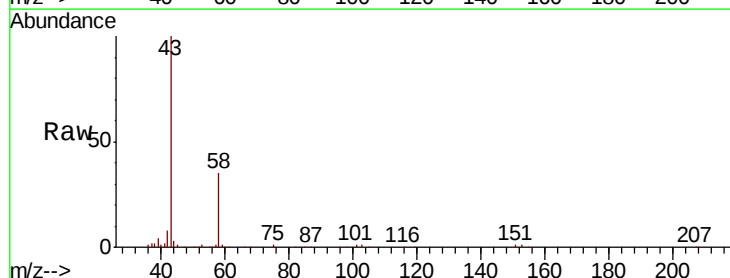
RT: 4.13 min Scan# 365

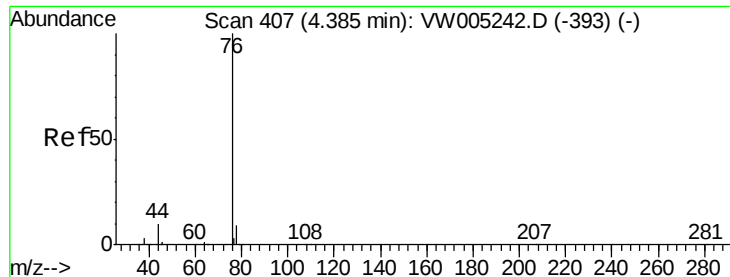
Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Tgt Ion:	43	Resp:	269731
Ion Ratio	Lower	Upper	
43	100		
58	34.6	26.7	40.1





#17

Carbon Disulfide

Concen: 57.48 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 76 Resp: 685683

Ion Ratio Lower Upper

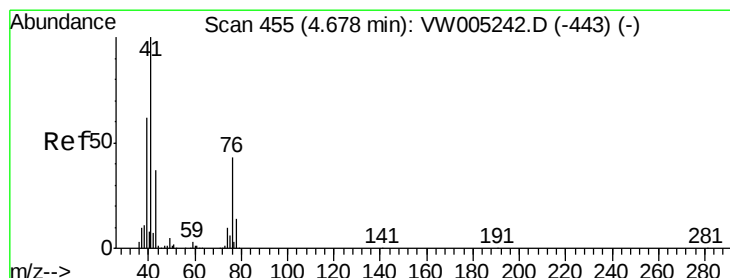
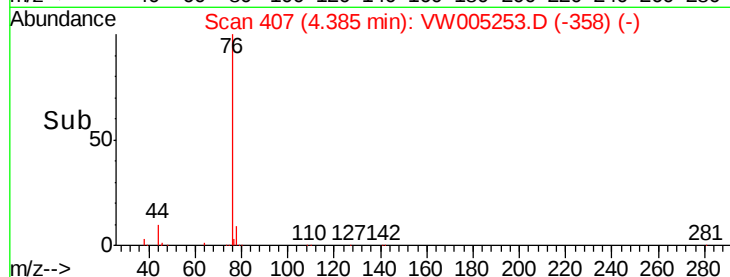
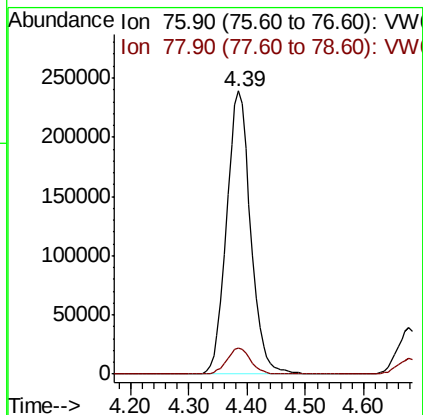
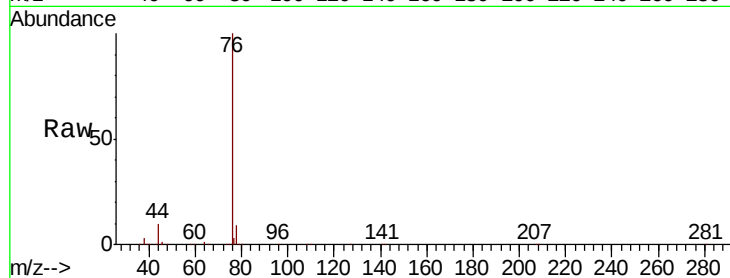
76 100

78 9.1 7.5 11.3

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#18

Methyl Acetate

Concen: 72.86 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005253.D

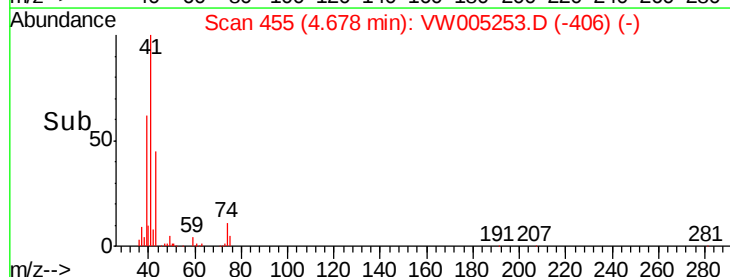
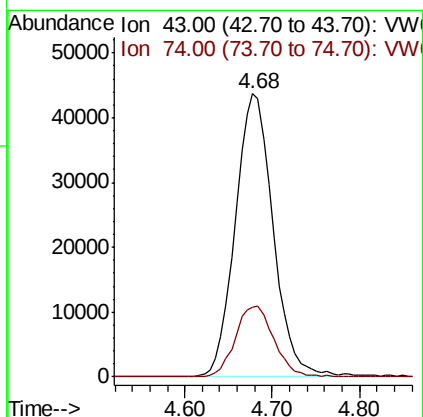
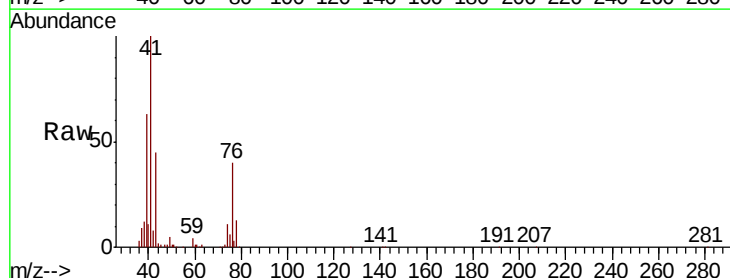
Acq: 10 Sep 2018 20:54

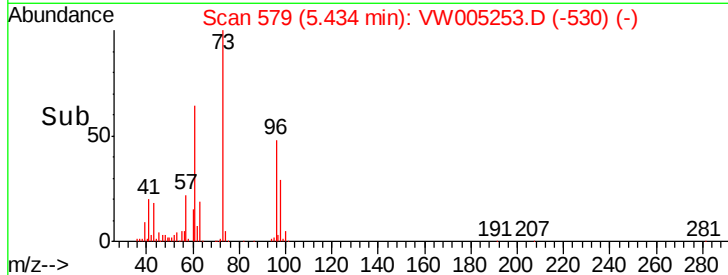
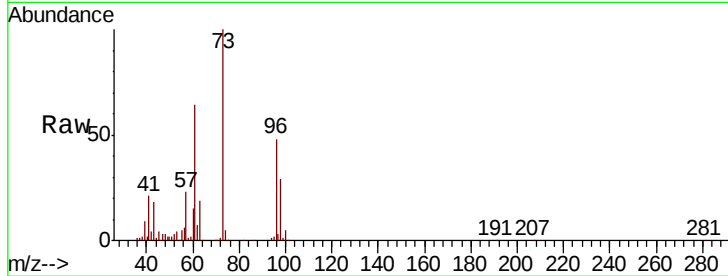
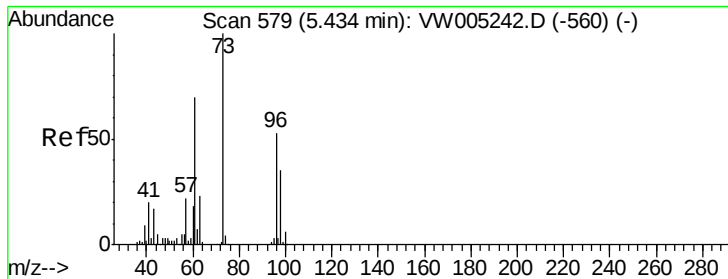
Tgt Ion: 43 Resp: 129908

Ion Ratio Lower Upper

43 100

74 25.7 21.4 32.2





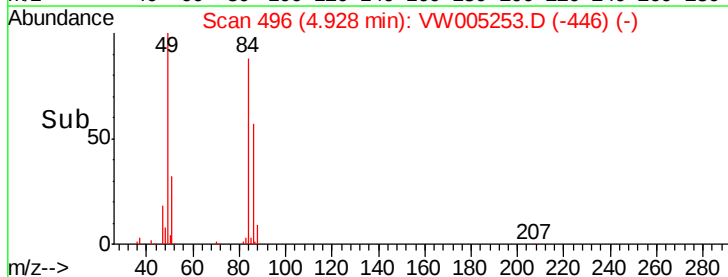
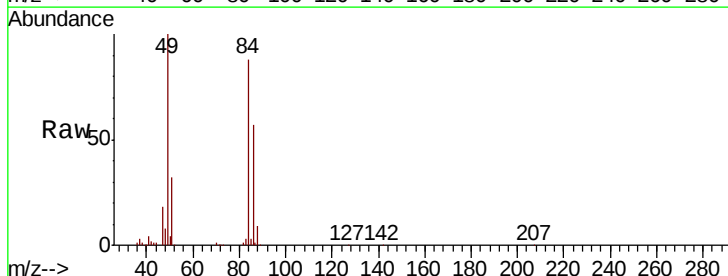
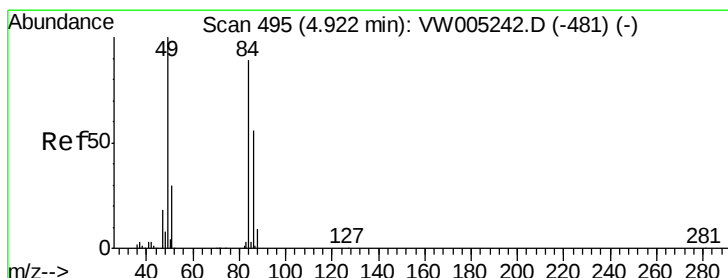
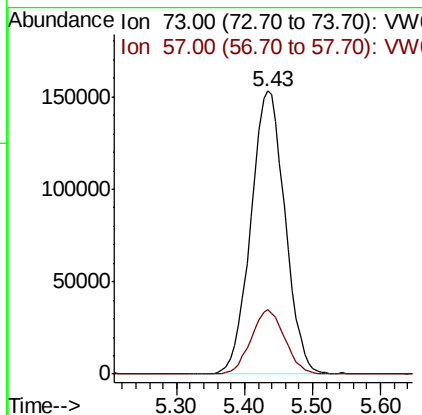
#19
Methyl tert-butyl Ether
Concen: 66.30 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tot Ion: 73 Resp: 536680
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.2

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

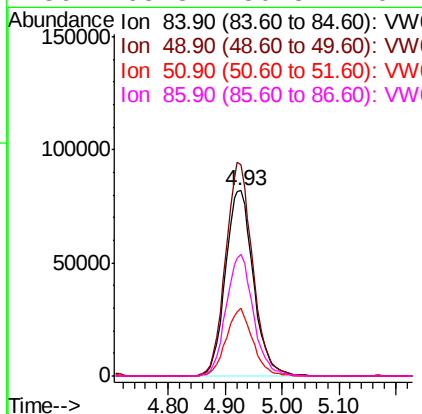
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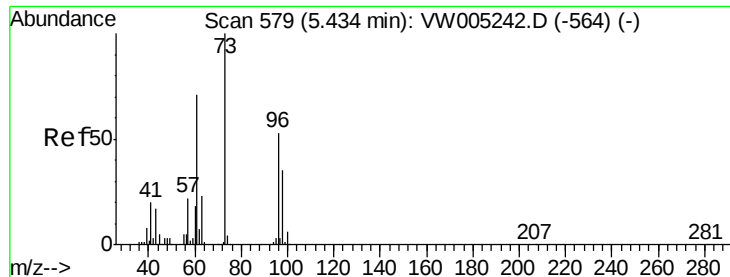
apatel
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#20
Methylene Chloride
Concen: 64.05 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion: 84 Resp: 280232
Ion Ratio Lower Upper
84 100
49 114.0 90.3 135.5
51 36.5 26.9 40.3
86 65.3 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 55.68 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

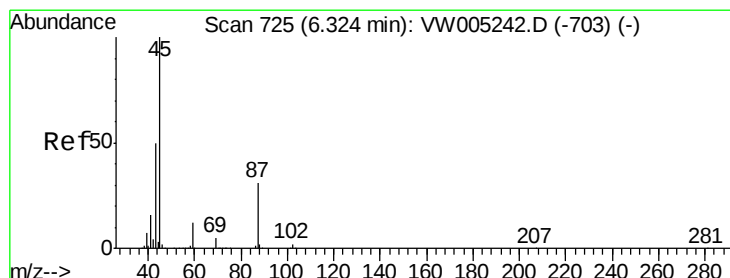
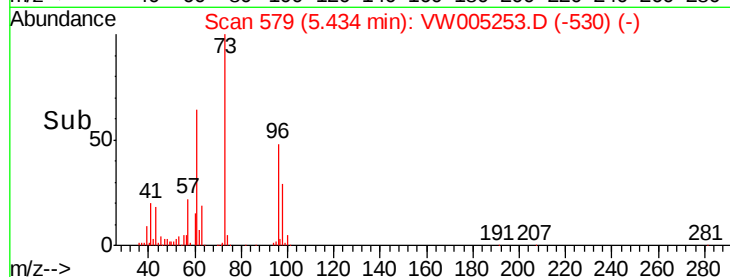
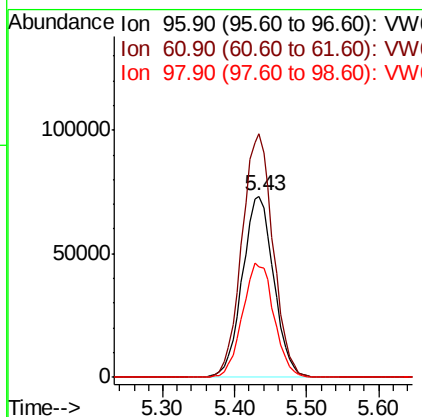
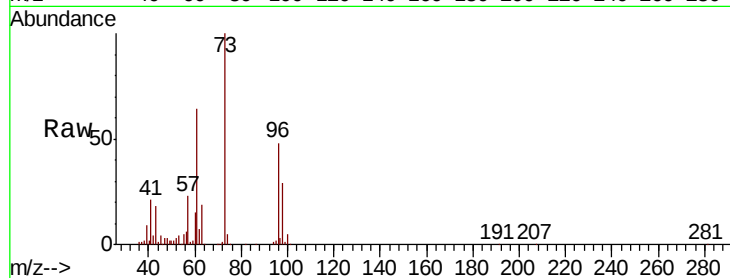
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:	96	Resp:	220942
Ion	Ratio	Lower	Upper
96	100		
61	134.3	105.7	158.5
98	61.3	52.8	79.2

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#22

Diisopropyl ether

Concen: 62.29 ug/l

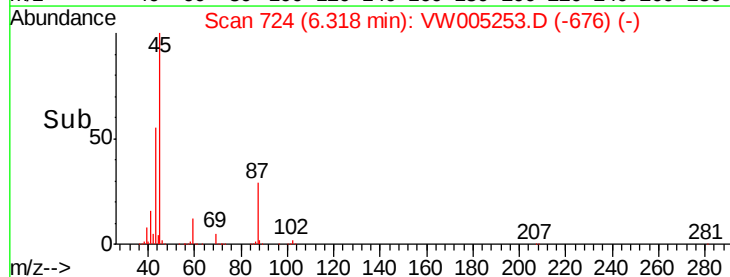
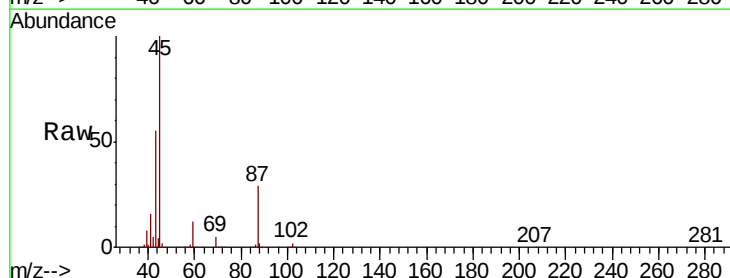
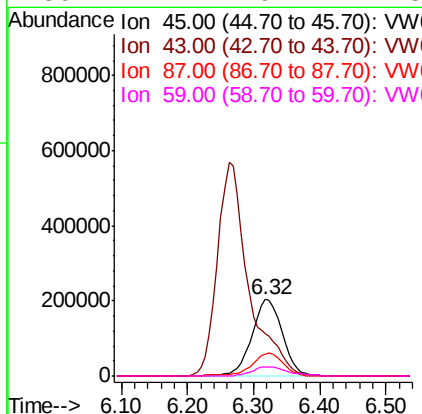
RT: 6.32 min Scan# 724

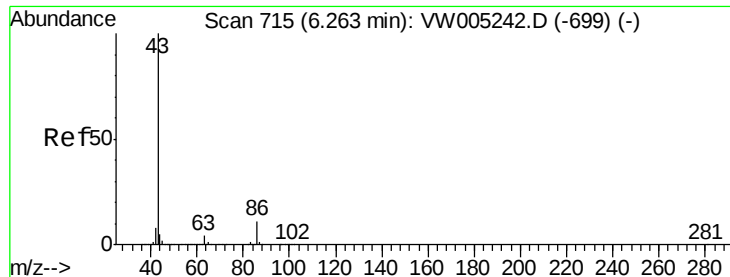
Delta R.T. -0.01 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Tgt Ion:	45	Resp:	654868
Ion	Ratio	Lower	Upper
45	100		
43	54.5	39.6	59.4
87	28.4	24.7	37.1
59	12.2	9.7	14.5





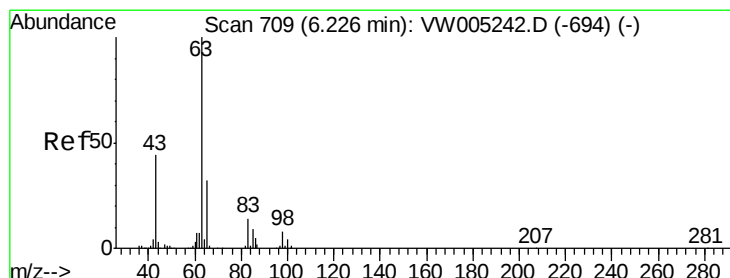
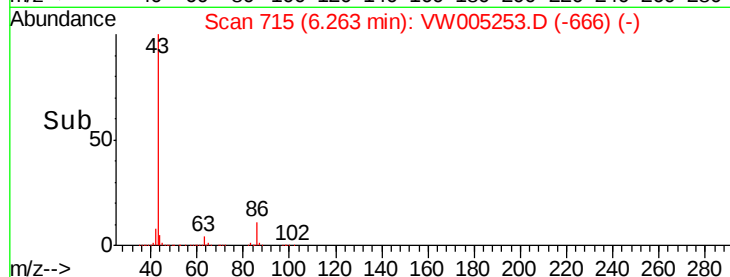
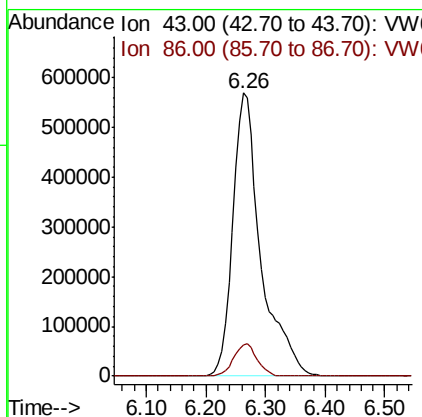
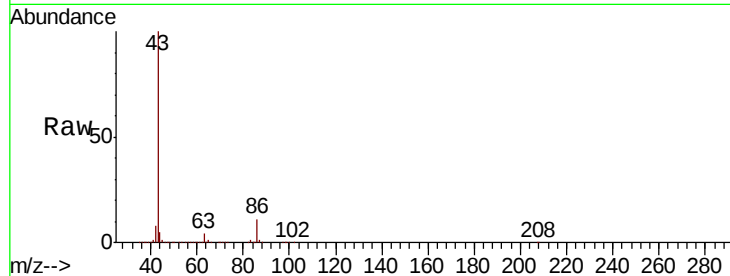
#23
 Vinyl Acetate
 Concen: 317.51 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

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

Tot Ion: 43 Resp: 1860263
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3

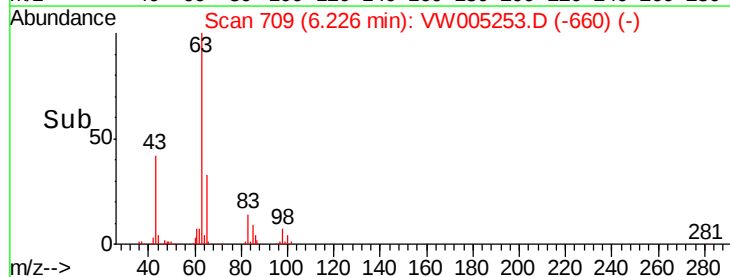
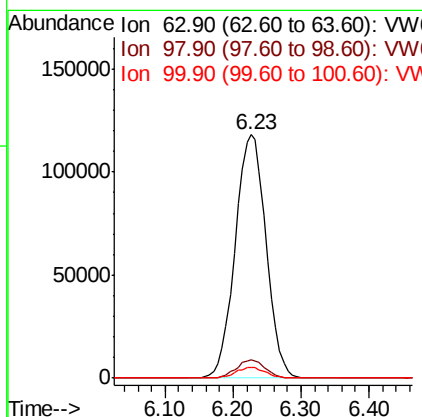
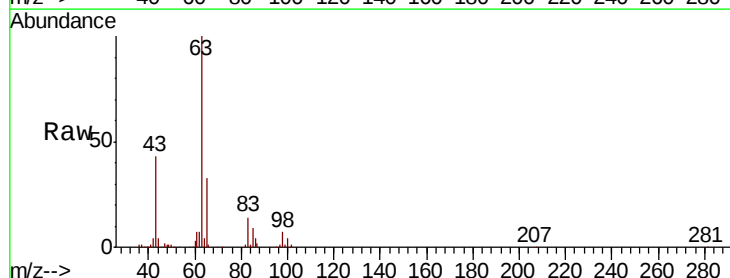
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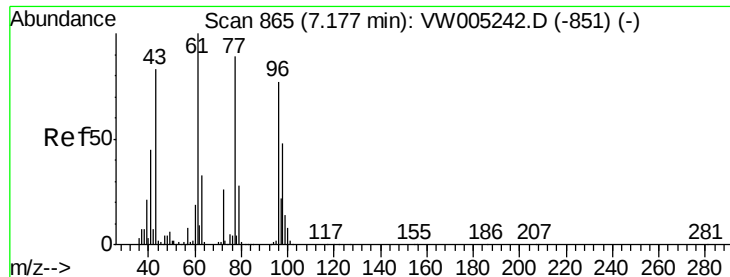
apatel
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#24
 1,1-Dichloroethane
 Concen: 57.25 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

Tgt Ion: 63 Resp: 370494
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 379.13 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 43 Resp: 357200

Ion Ratio Lower Upper

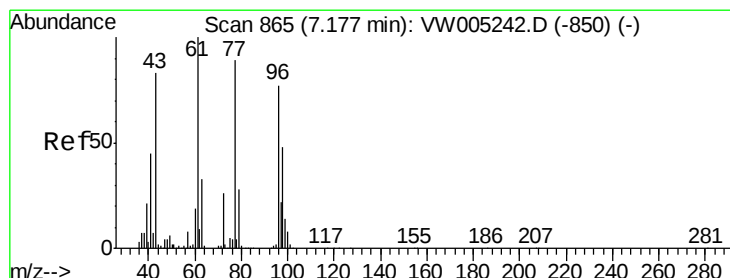
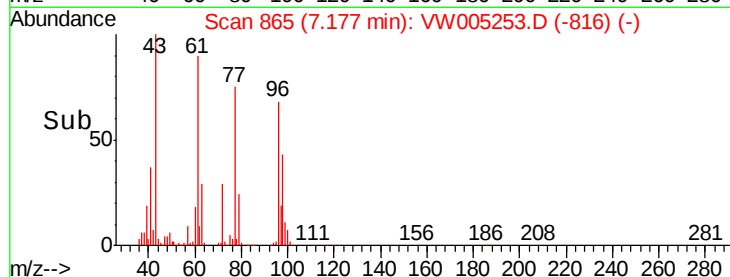
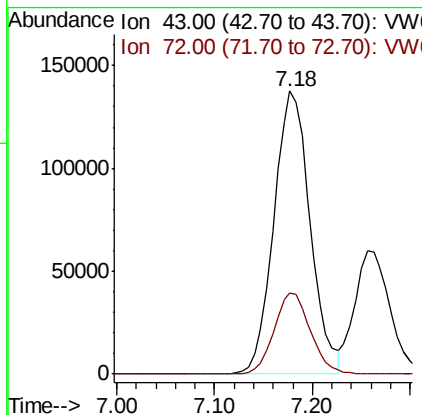
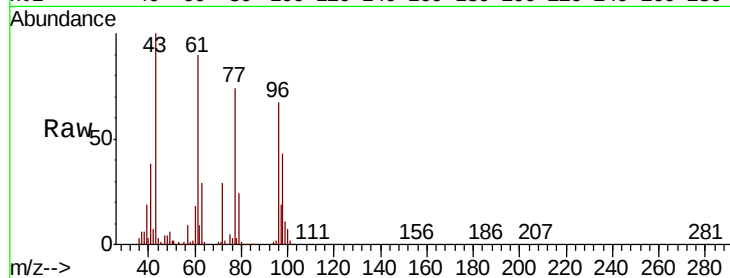
43 100

72 28.9 25.0 37.6

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#26

2,2-Dichloropropane

Concen: 52.22 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005253.D

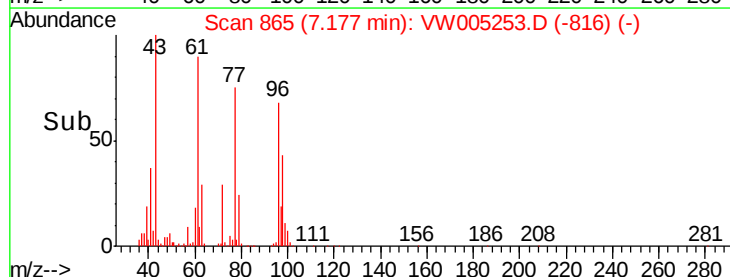
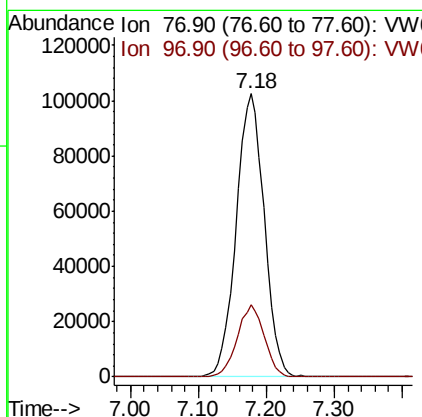
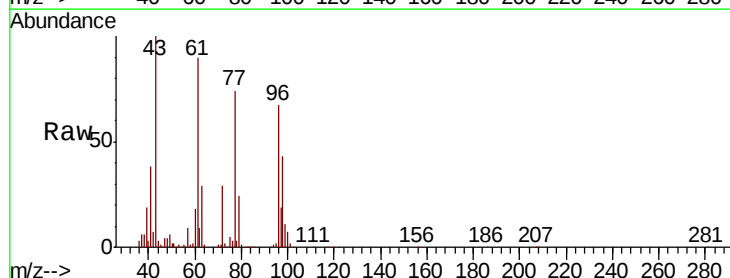
Acq: 10 Sep 2018 20:54

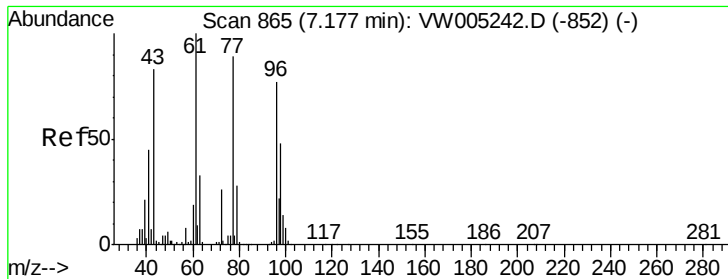
Tgt Ion: 77 Resp: 292991

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.6





#27

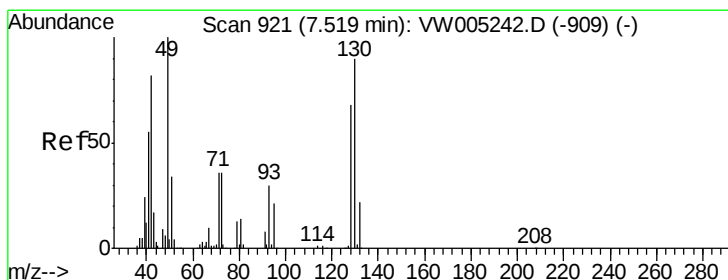
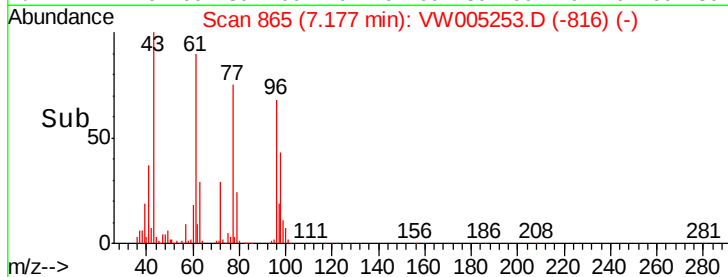
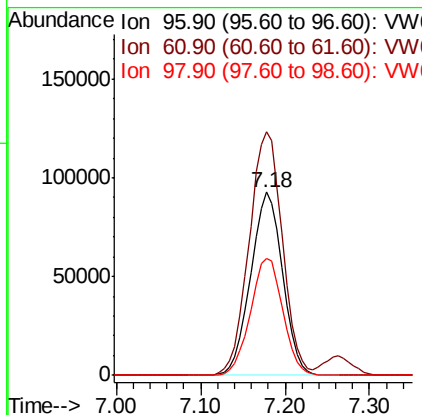
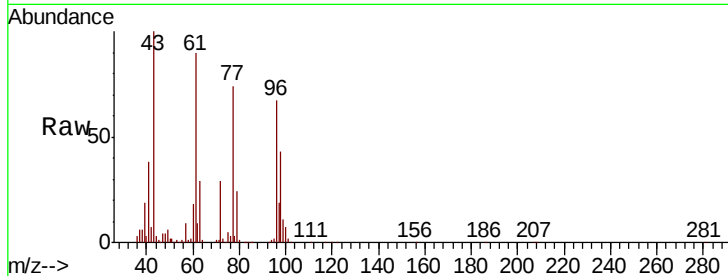
cis-1,2-Dichloroethene
 Concen: 56.89 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	273.4
98	64.7	0.0	127.8

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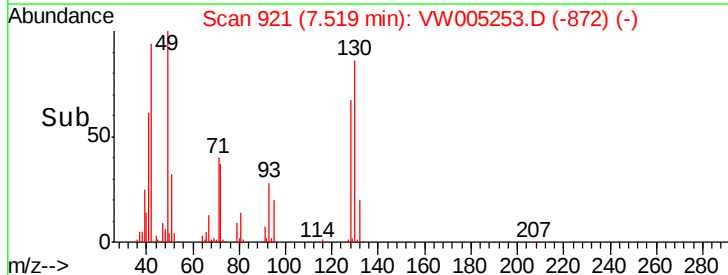
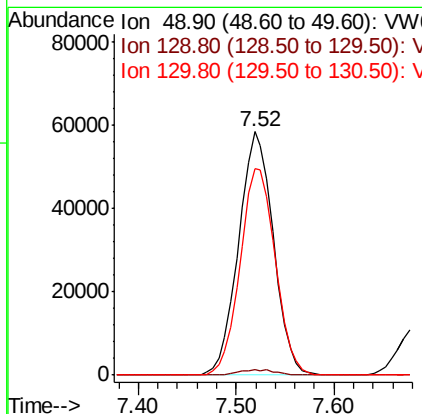
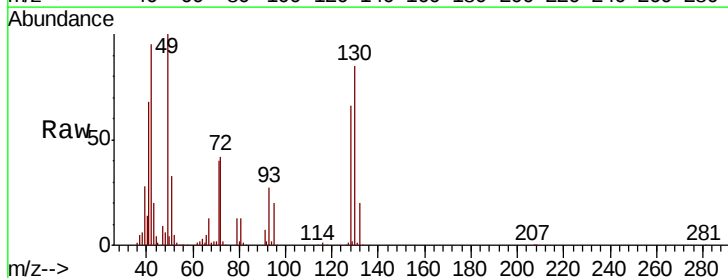
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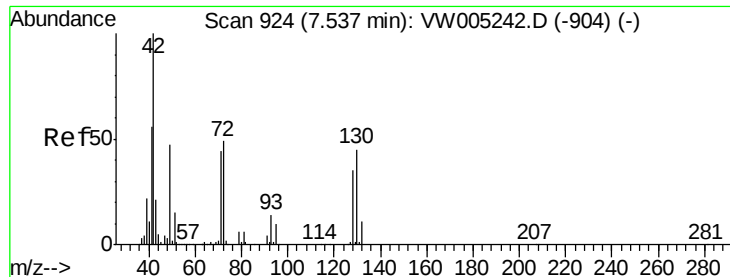


#28

Bromochloromethane
 Concen: 60.31 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.0#
130	85.9	71.2	106.8





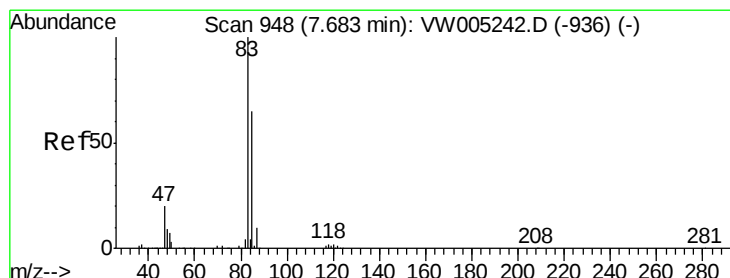
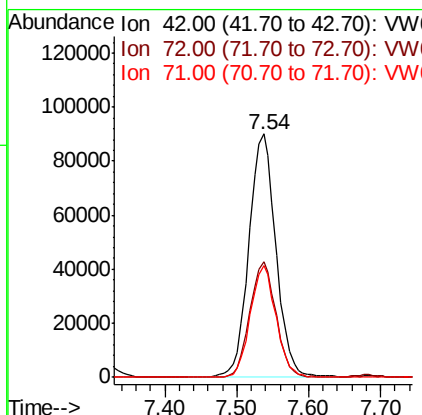
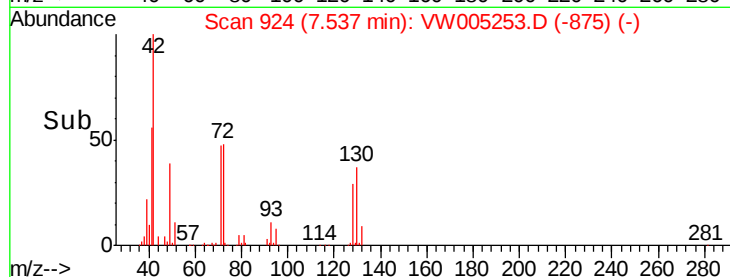
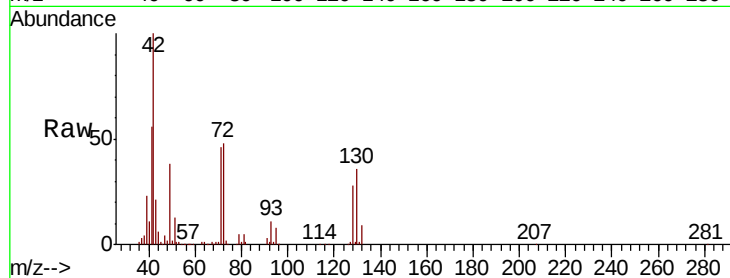
#29
Tetrahydrofuran
Concen: 367.87 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.5	56.3
71	43.9	34.8	52.2

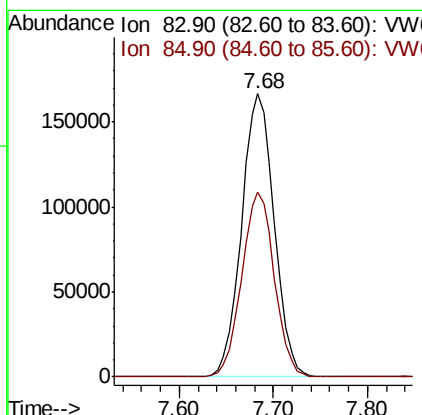
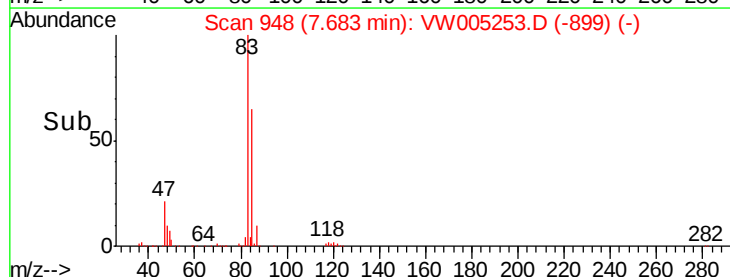
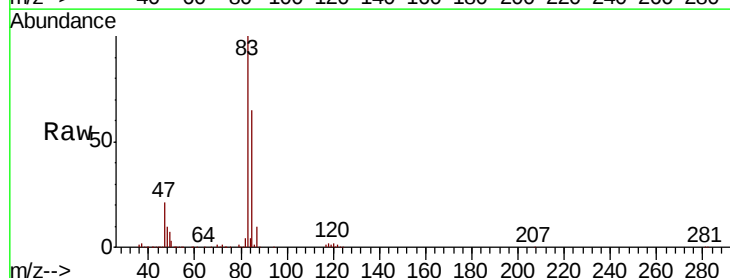
Manual Integrations
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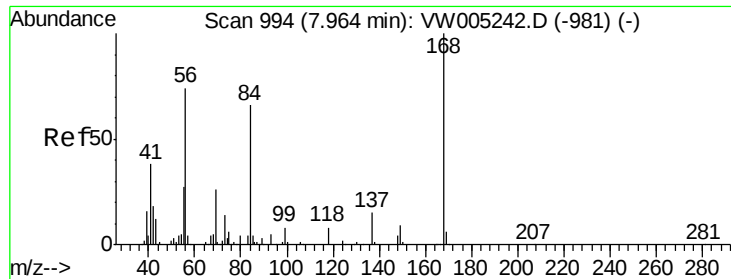
apatel
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#30
Chloroform
Concen: 62.03 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.7	77.5





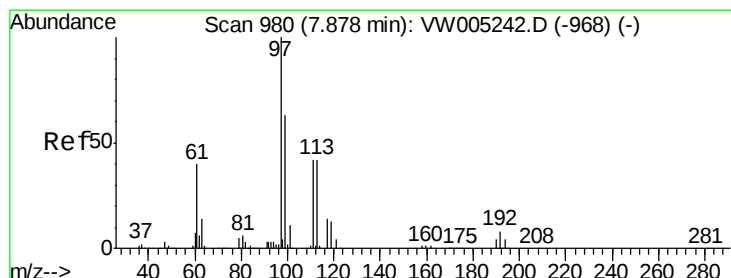
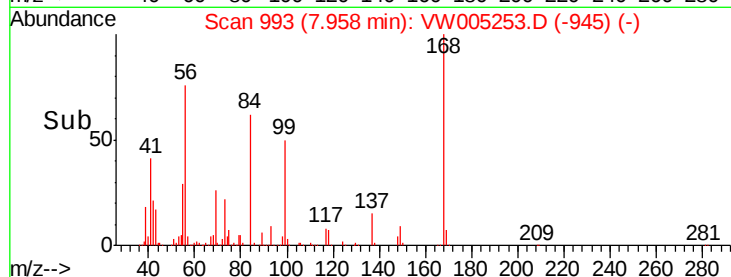
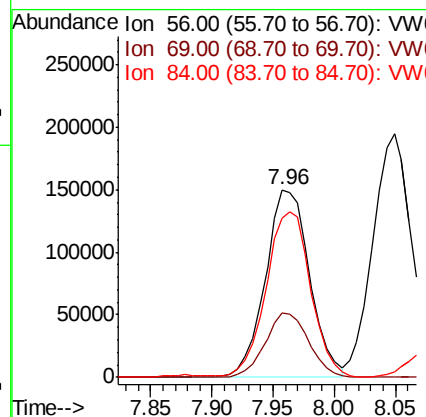
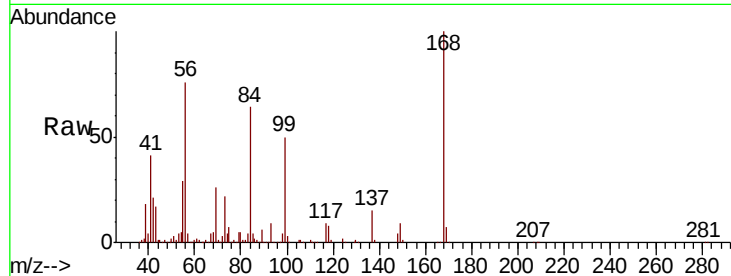
#31
Cyclohexane
Concen: 54.72 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

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

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	27.8	41.8
84	83.6	72.1	108.1

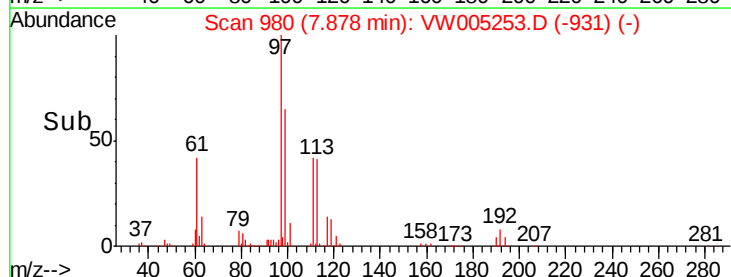
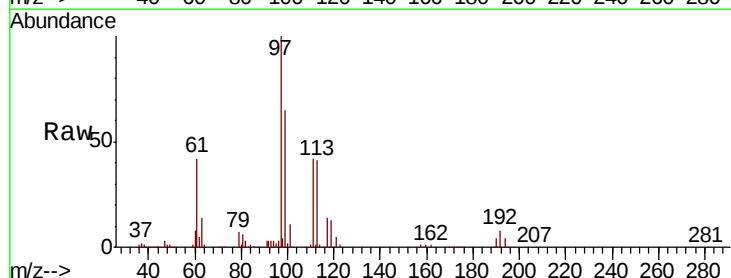
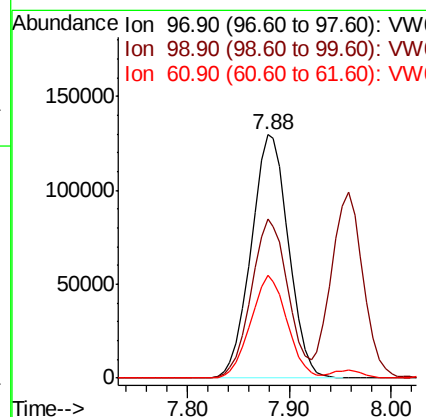
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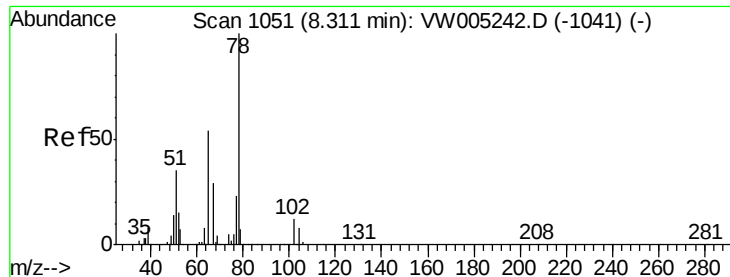
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#32
1,1,1-Trichloroethane
Concen: 56.09 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.5	77.3
61	41.4	32.5	48.7





#33

1,2-Dichloroethane-d4

Concen: 60.37 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 65 Resp: 194264

Ion Ratio Lower Upper

65 100

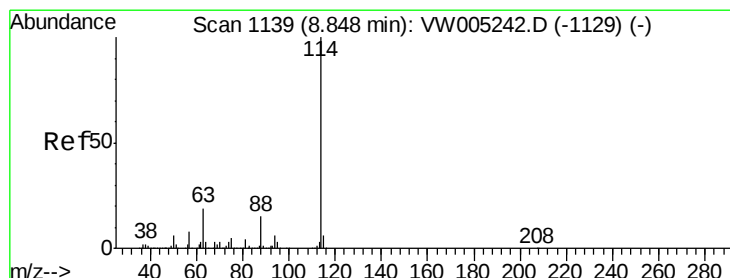
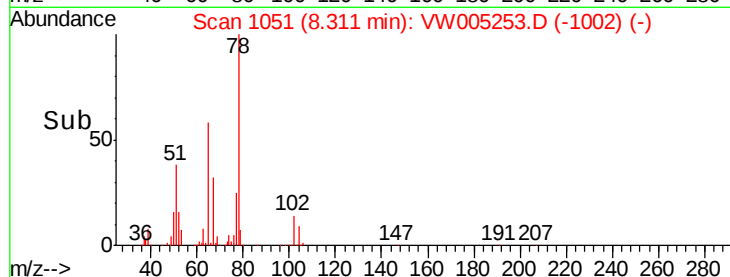
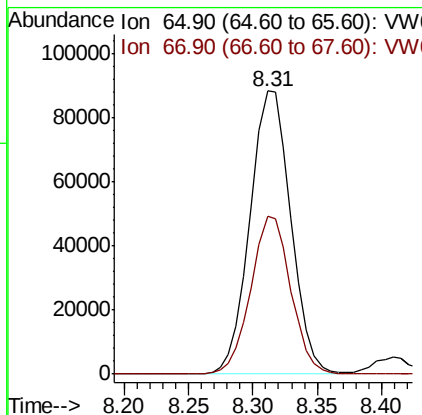
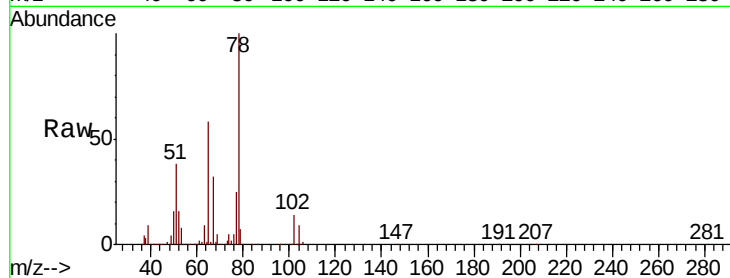
67 54.8 0.0 112.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

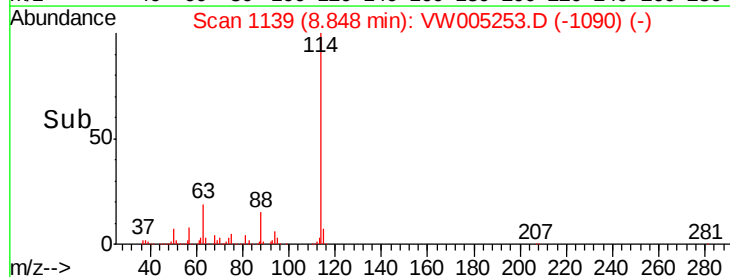
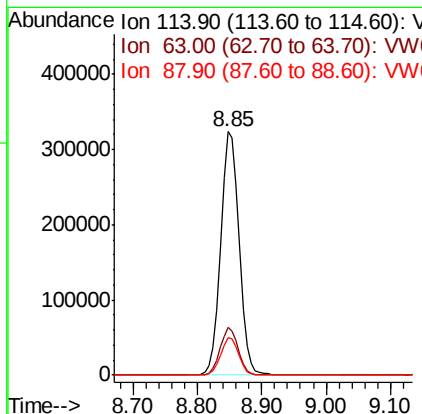
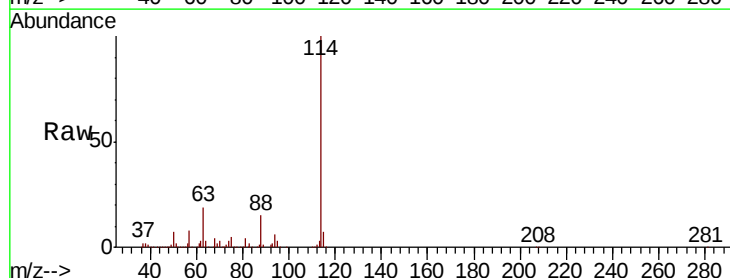
Tgt Ion: 114 Resp: 655511

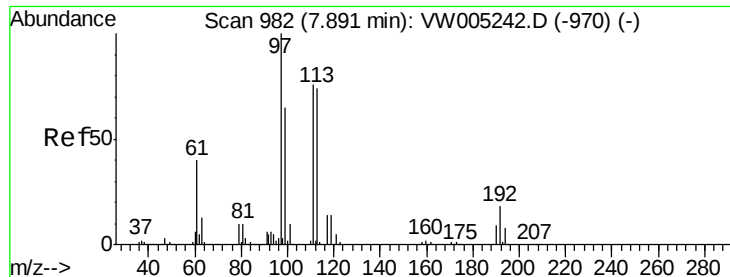
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.0

88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 54.92 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

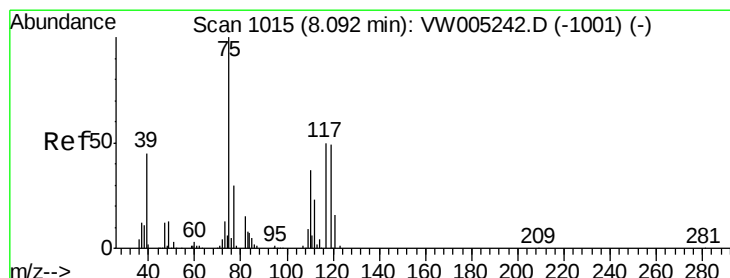
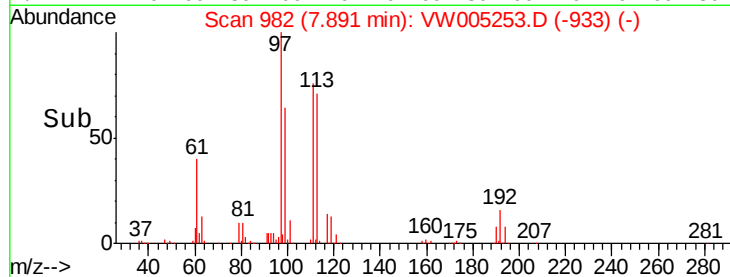
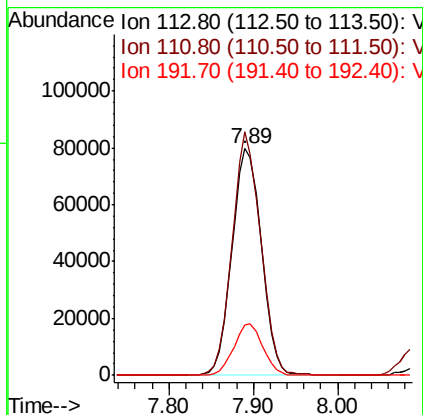
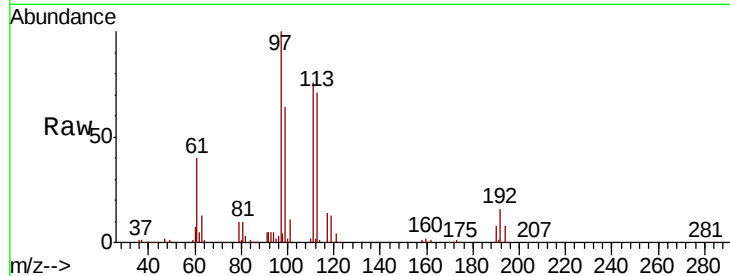
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:	113	Resp:	188567
Ion Ratio	Lower	Upper	
113	100		
111	103.2	80.6	121.0
192	22.4	18.3	27.5

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#36

1,1-Dichloropropene

Concen: 53.49 ug/l

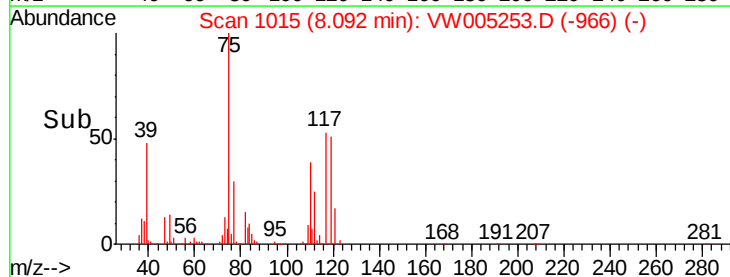
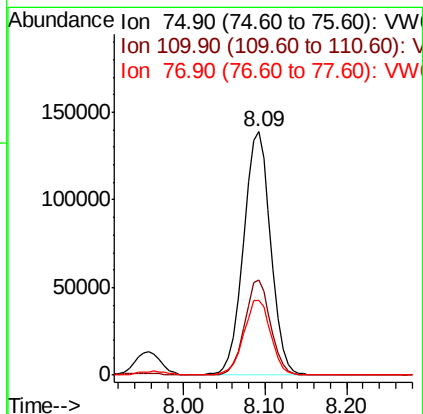
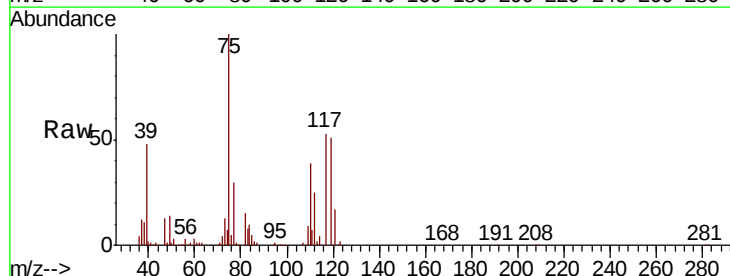
RT: 8.09 min Scan# 1015

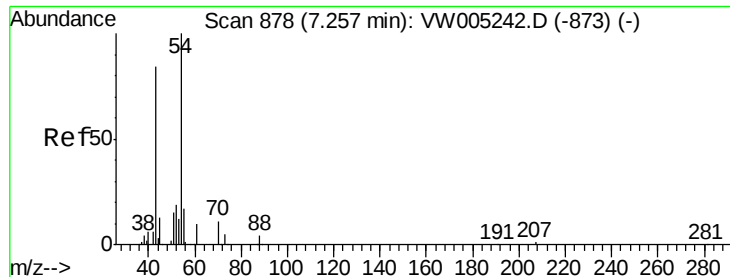
Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Tgt Ion:	75	Resp:	321243
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.8	56.4
77	30.9	24.9	37.3





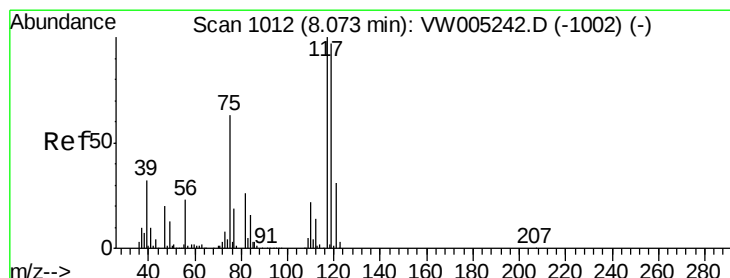
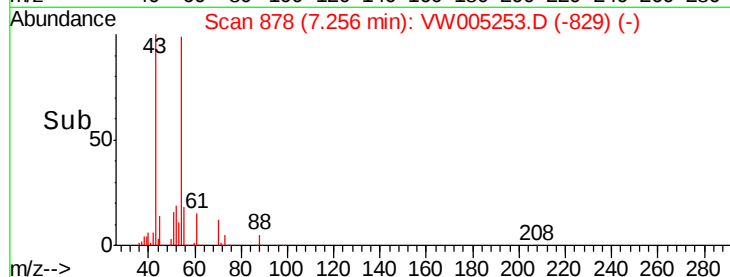
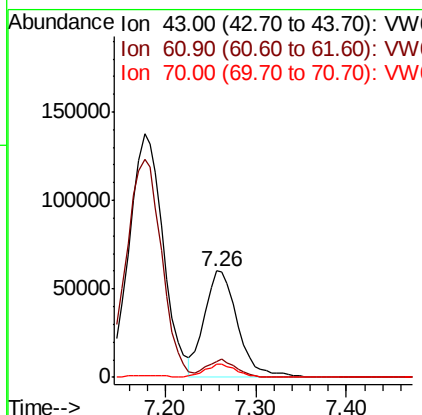
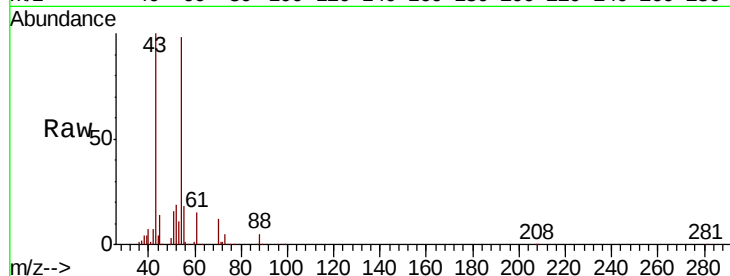
#37
Ethyl Acetate
Concen: 66.97 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.3	18.5
70	11.9	9.5	14.3

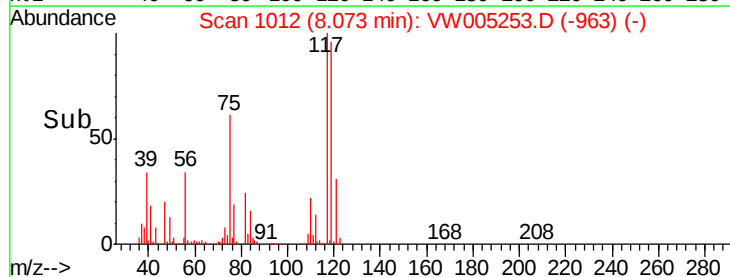
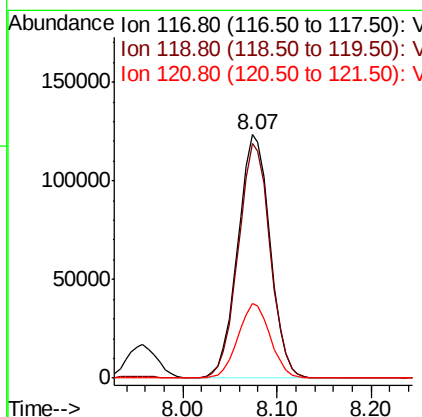
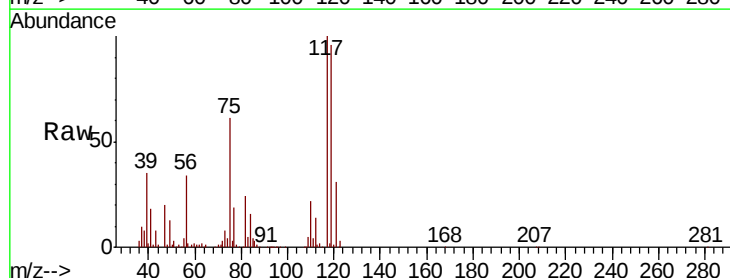
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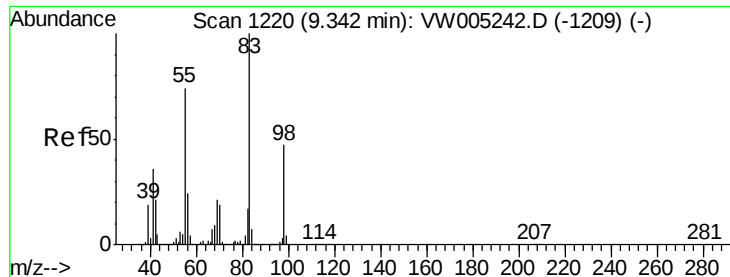
apatel
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#38
Carbon Tetrachloride
Concen: 52.46 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.5	116.3
121	30.8	24.7	37.1





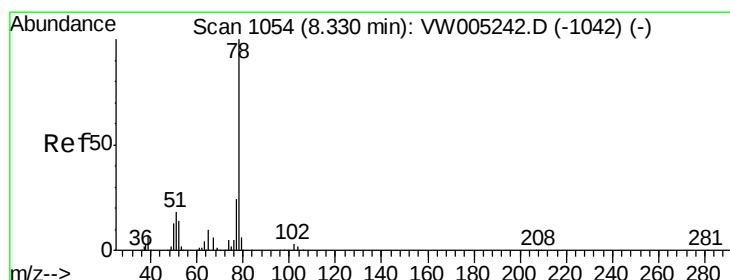
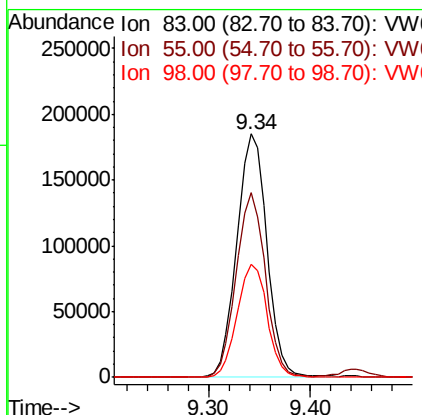
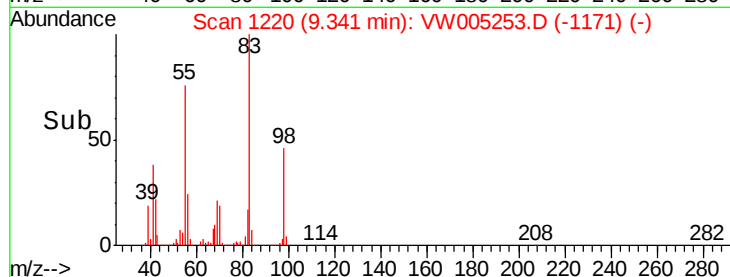
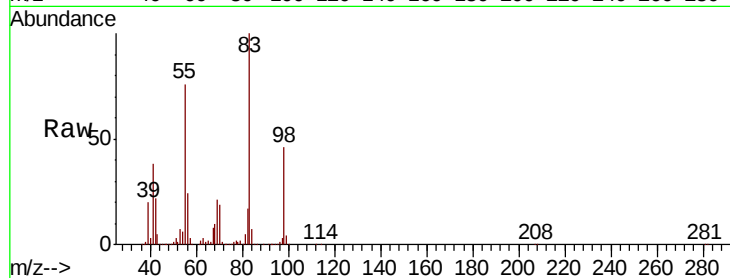
#39
Methylvlcyclohexane
Concen: 47.69 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	58.9	88.3
98	46.2	37.6	56.4

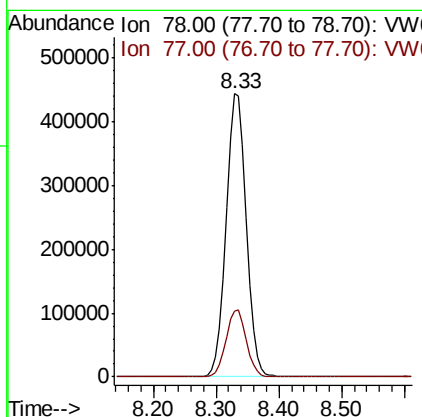
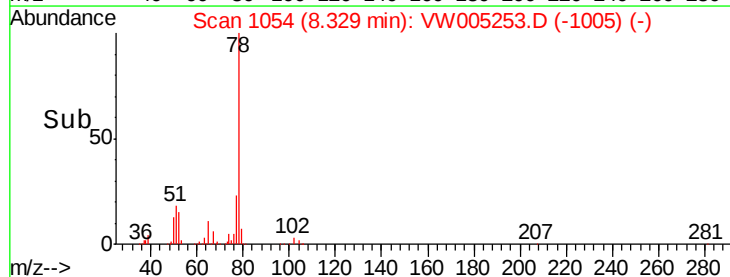
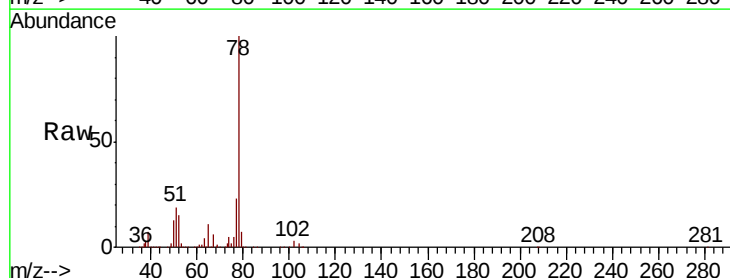
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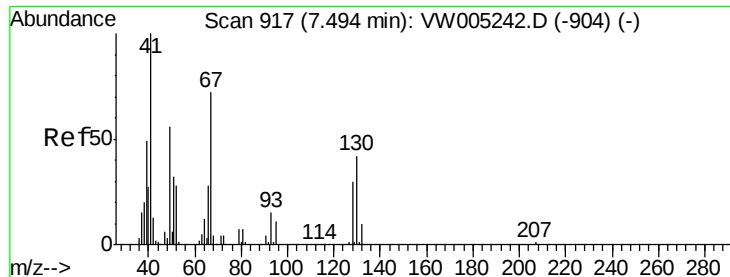
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#40
Benzene
Concen: 55.66 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.9	28.3





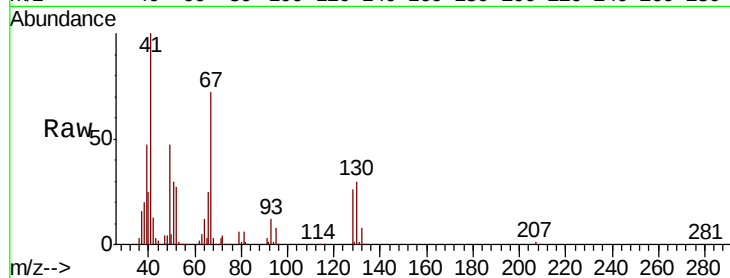
#41
Methacrylonitrile
Concen: 69.37 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

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

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.6	39.9	59.9
67	84.3	65.7	98.5
52	31.4	25.1	37.7

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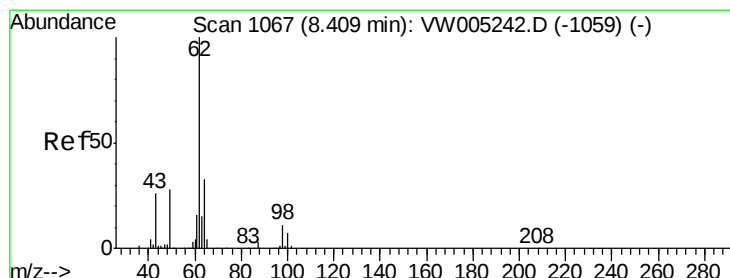
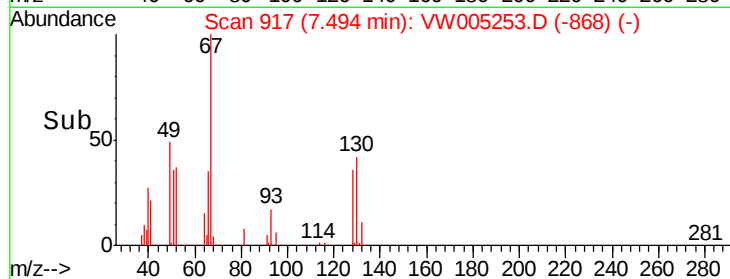
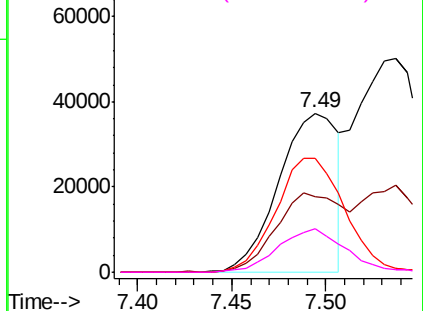
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

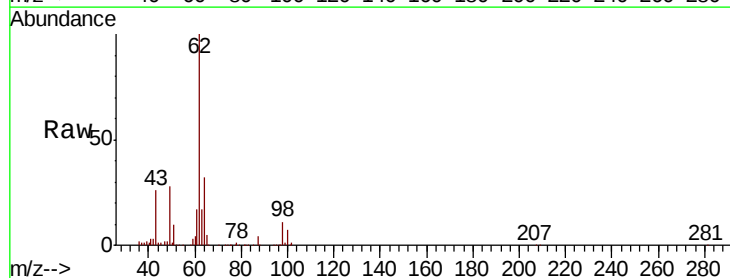
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 57.37 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

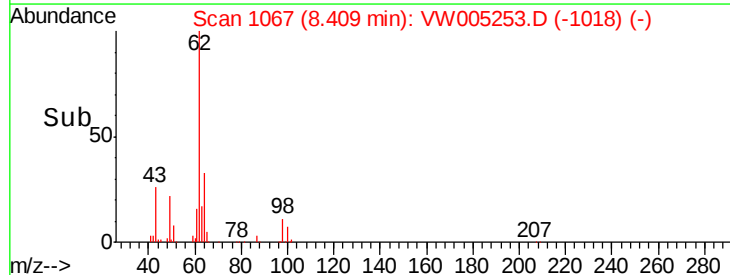
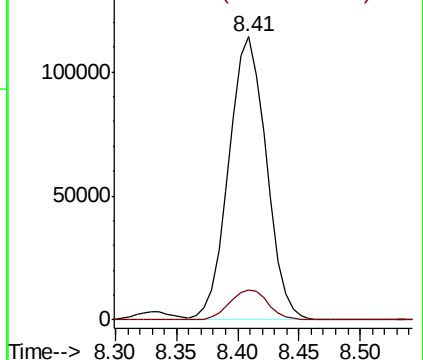
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0

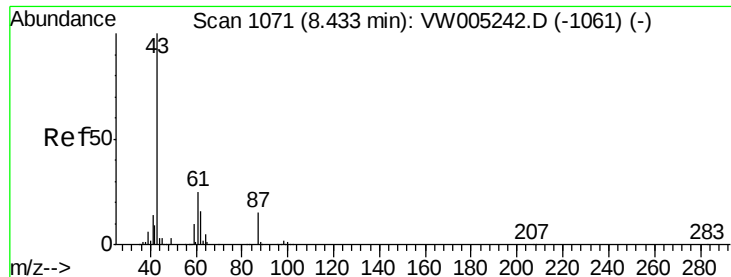


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





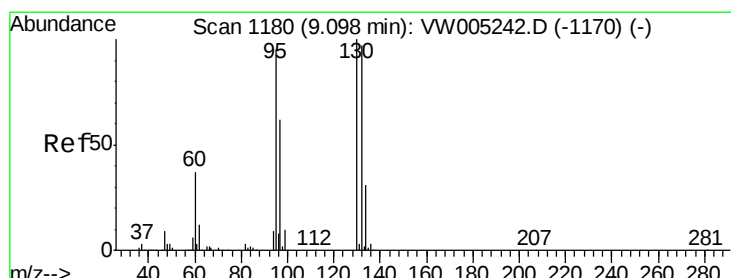
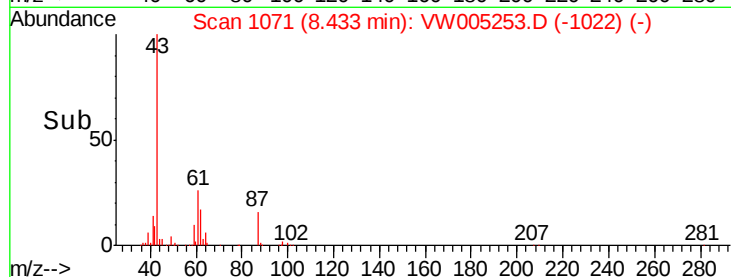
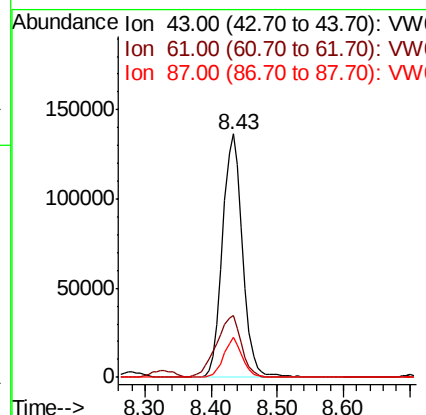
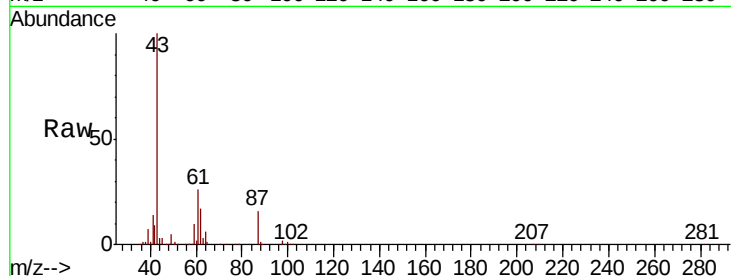
#43
Isopropyl Acetate
Concen: 67.11 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

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

Tot Ion	43	Resp	284688
Ion Ratio	Lower	Upper	
43	100		
61	31.6	25.4	38.0
87	15.1	11.9	17.9

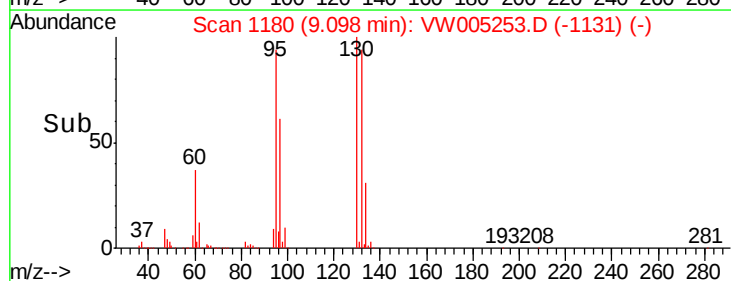
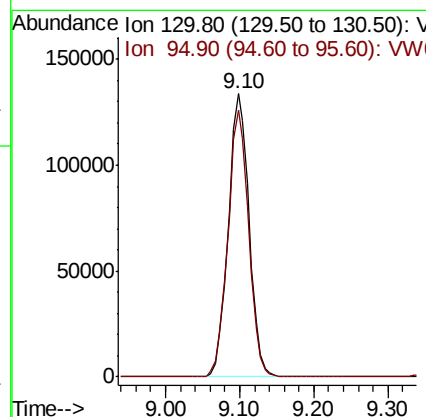
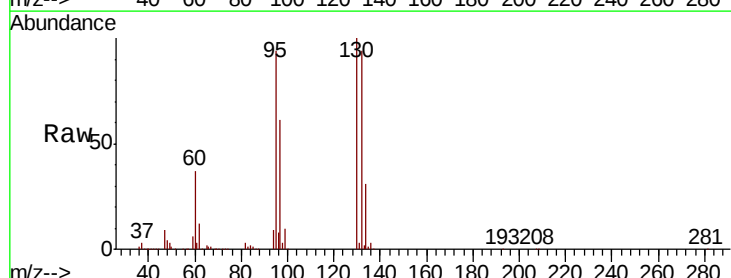
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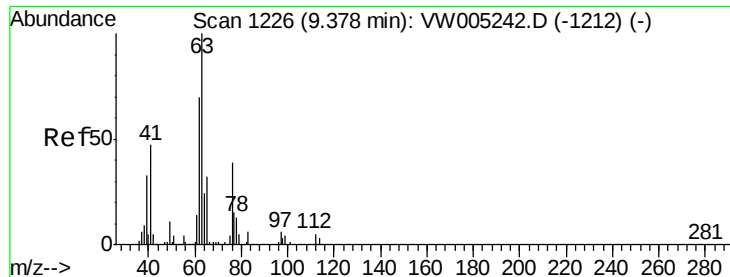
apatel
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#44
Trichloroethene
Concen: 53.62 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion	130	Resp	260266
Ion Ratio	Lower	Upper	
130	100		
95	94.1	0.0	189.6





#45

1,2-Dichloropropane

Concen: 56.91 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 63 Resp: 242020

Ion Ratio Lower Upper

63 100

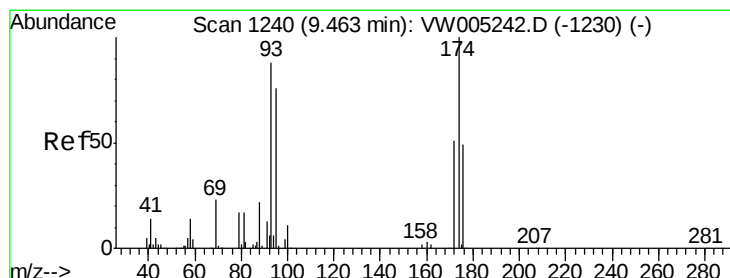
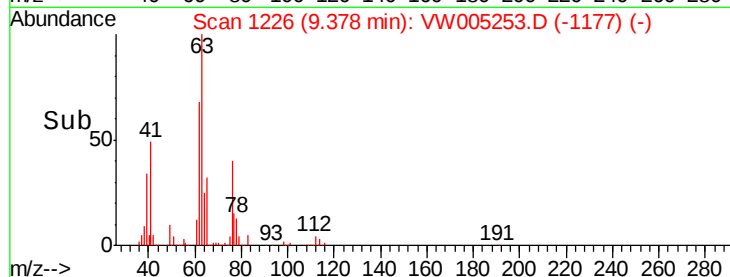
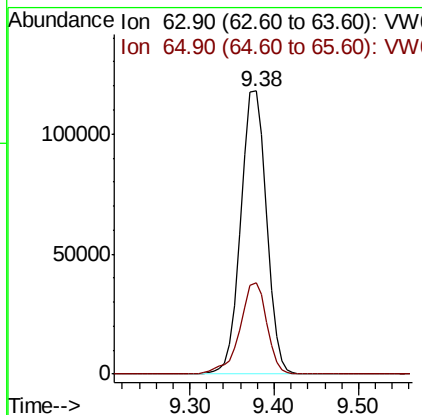
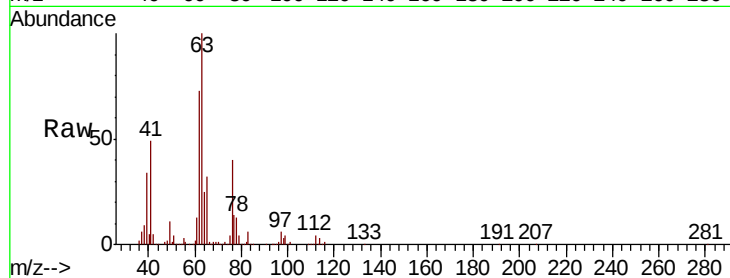
65 32.4 25.4 38.2

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#46

Dibromomethane

Concen: 57.81 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

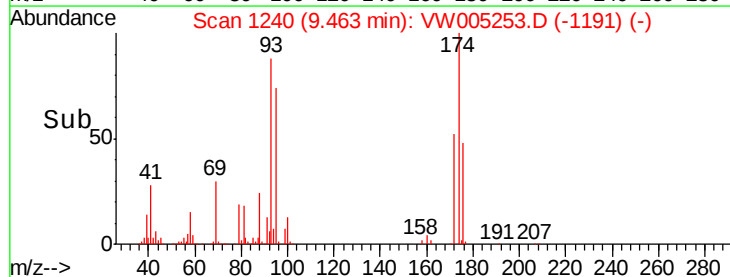
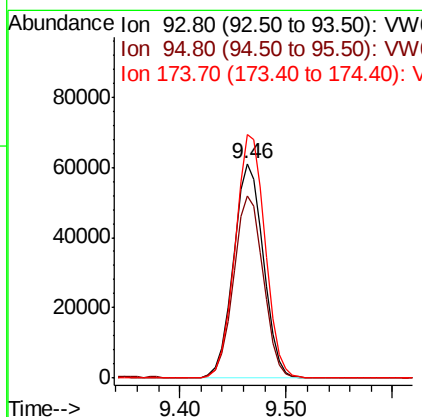
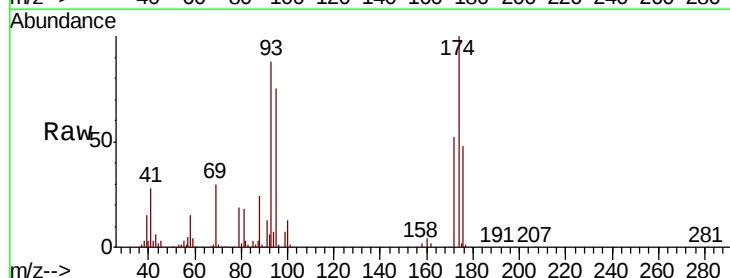
Tgt Ion: 93 Resp: 120345

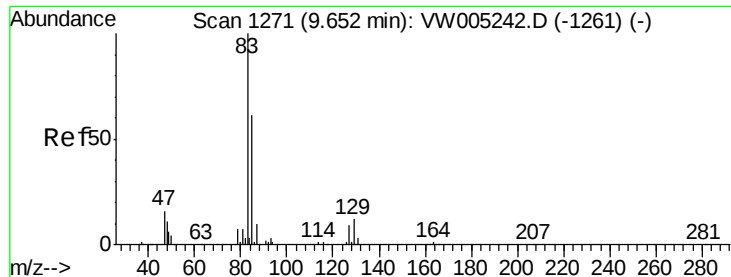
Ion Ratio Lower Upper

93 100

95 84.7 67.0 100.4

174 113.7 92.2 138.2





#47

Bromodichloromethane

Concen: 55.91 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

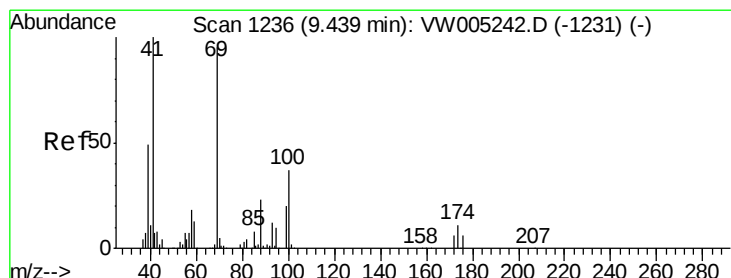
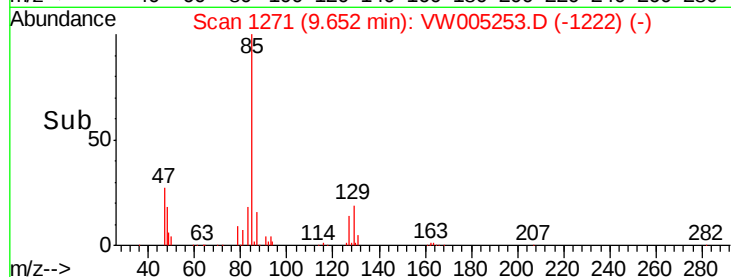
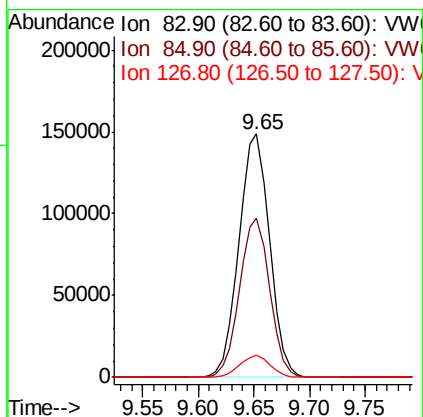
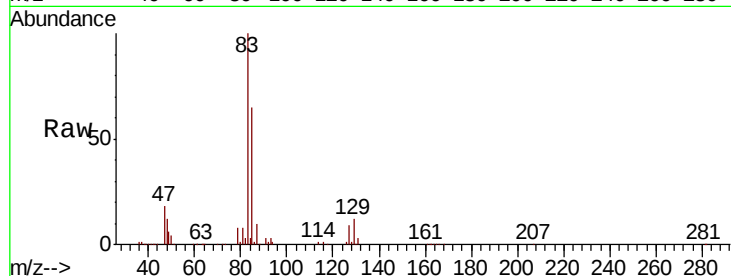
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:	83	Resp:	284706
Ion Ratio	Lower	Upper	
83	100		
85	65.1	49.0	73.6
127	9.3	7.0	10.4

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#48

Methyl methacrylate

Concen: 63.81 ug/l

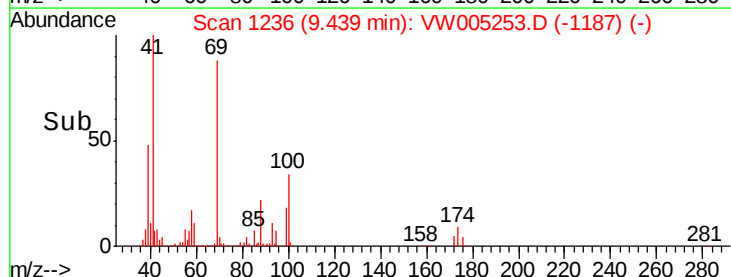
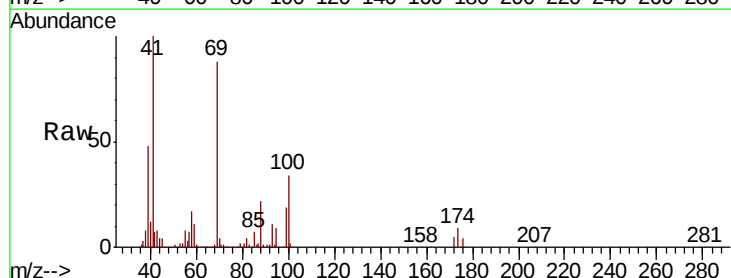
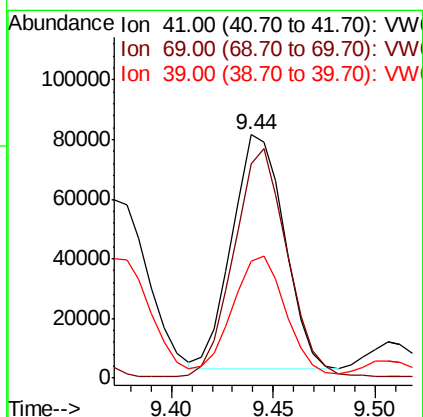
RT: 9.44 min Scan# 1236

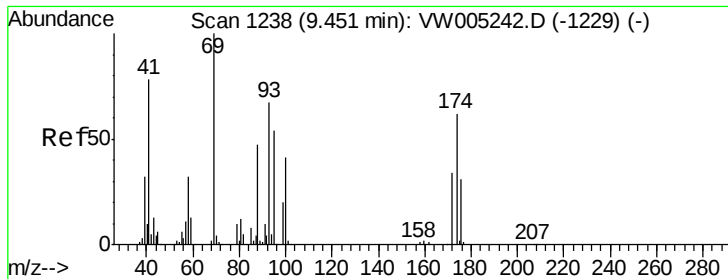
Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Tgt Ion:	41	Resp:	140550
Ion Ratio	Lower	Upper	
41	100		
69	100.9	74.6	112.0
39	53.9	36.7	55.1





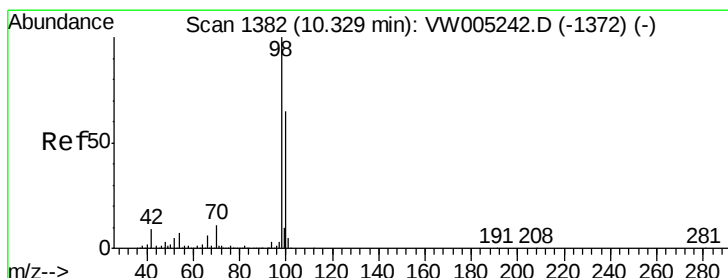
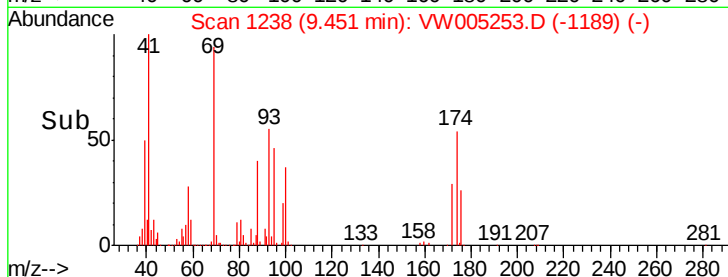
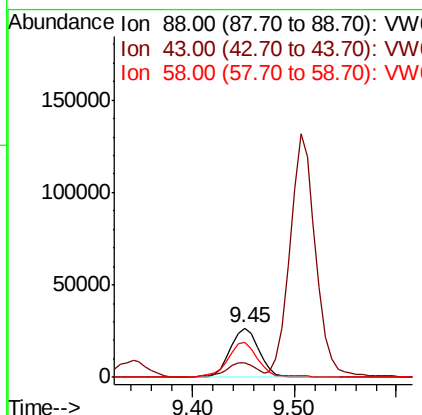
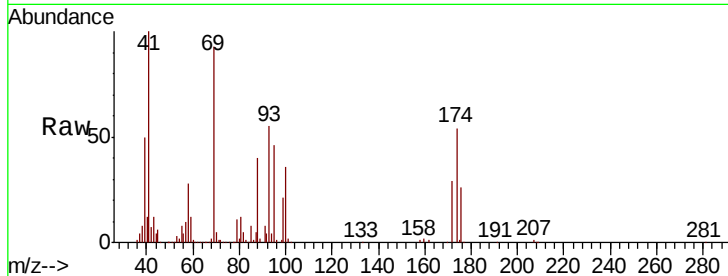
#49
1,4-Dioxane
Concen: 1355.05 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	22.7	34.1
58	71.8	56.6	85.0

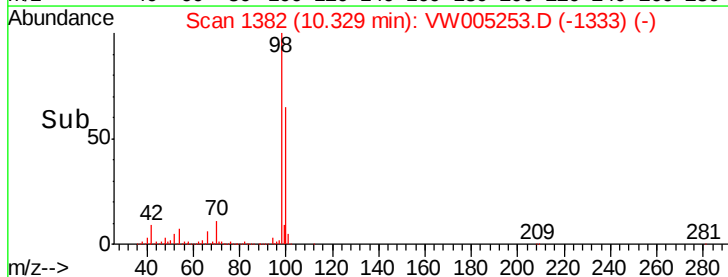
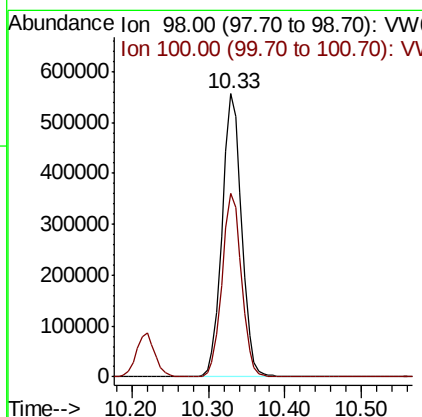
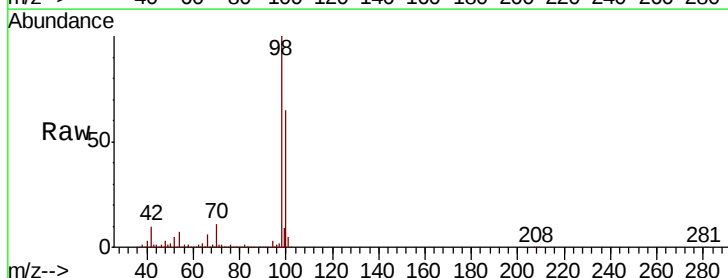
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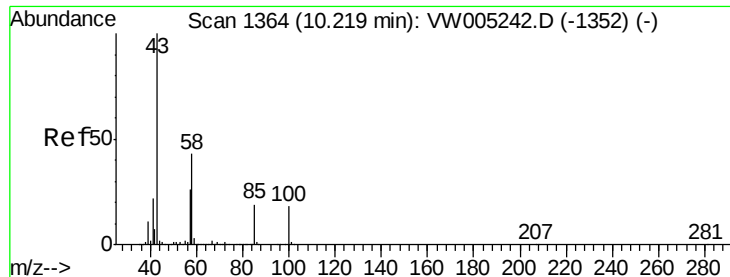
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#50
Toluene-d8
Concen: 56.43 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 364.70 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 43 Resp: 870602

Ion Ratio Lower Upper

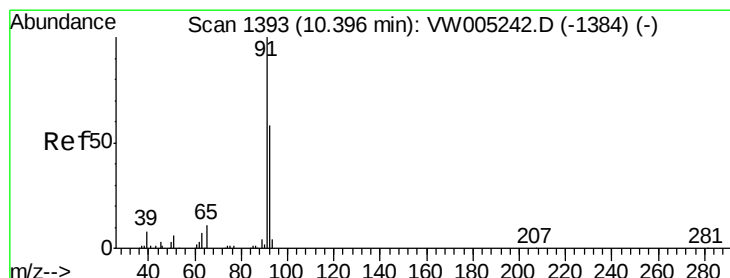
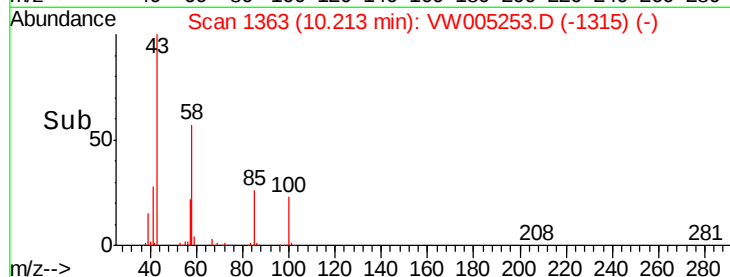
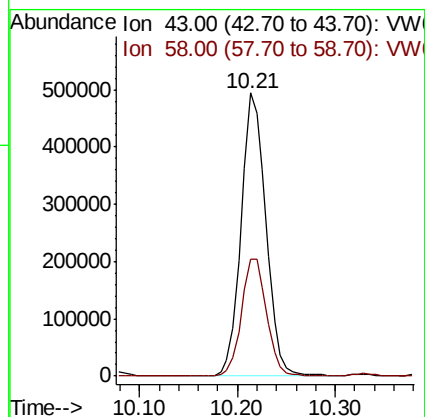
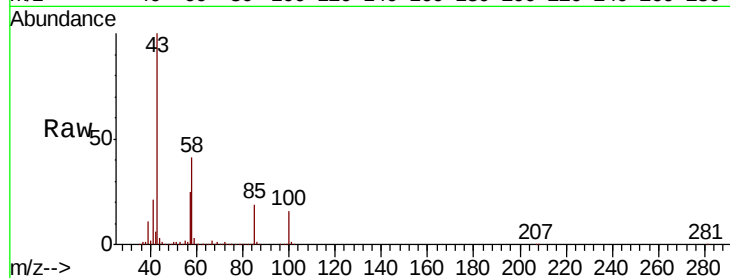
43 100

58 42.2 33.8 50.6

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#52

Toluene

Concen: 56.86 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005253.D

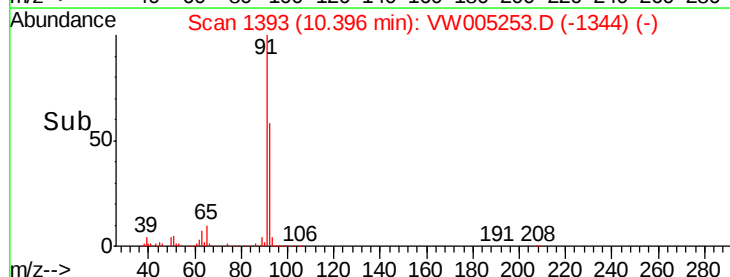
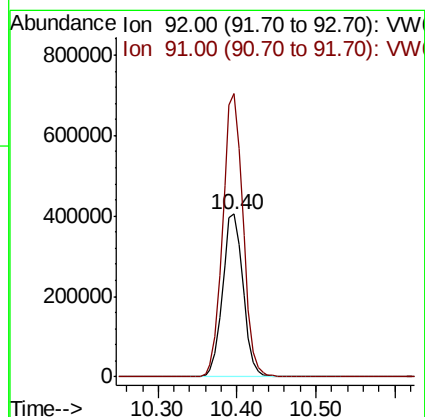
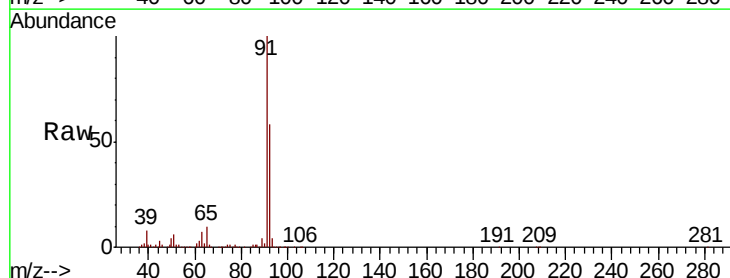
Acq: 10 Sep 2018 20:54

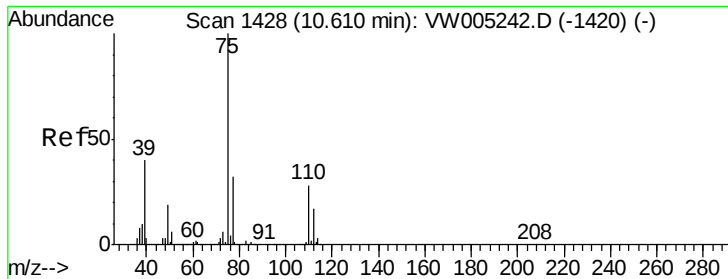
Tgt Ion: 92 Resp: 731220

Ion Ratio Lower Upper

92 100

91 172.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 62.32 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 75 Resp: 342959

Ion Ratio Lower Upper

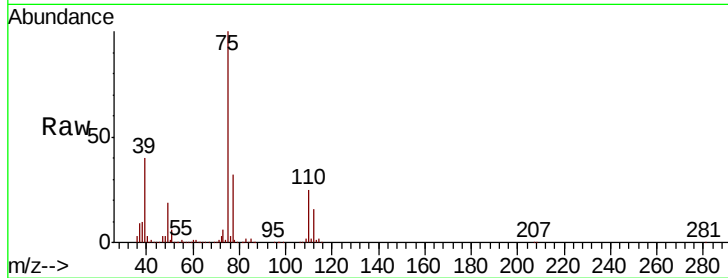
75 100

77 31.9 25.8 38.8

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

200000

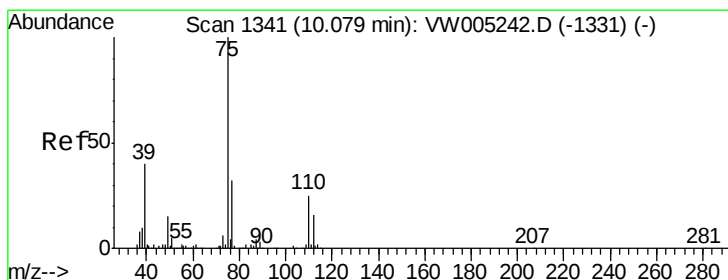
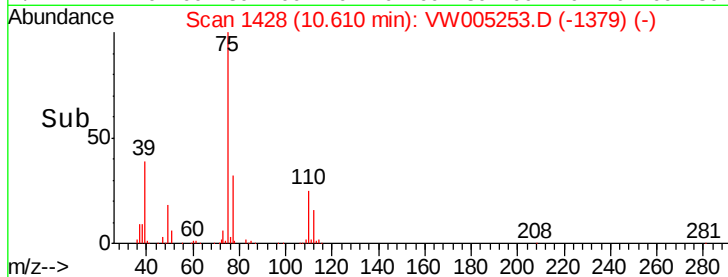
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 59.70 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

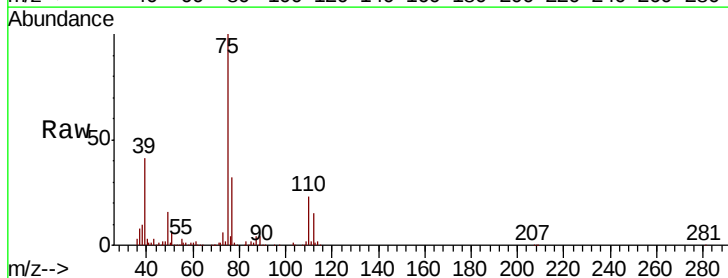
Tgt Ion: 75 Resp: 393414

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 40.9 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

300000

250000

200000

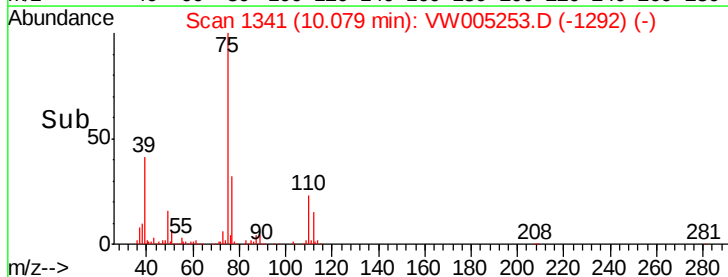
150000

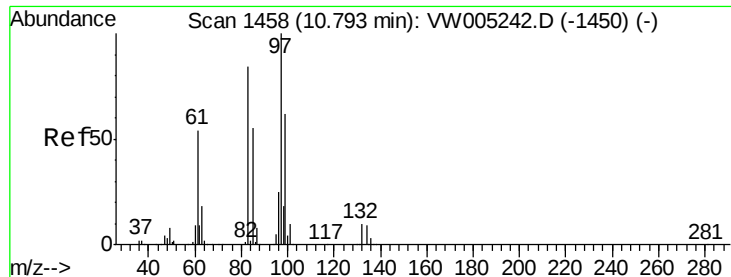
100000

50000

0

Time-->





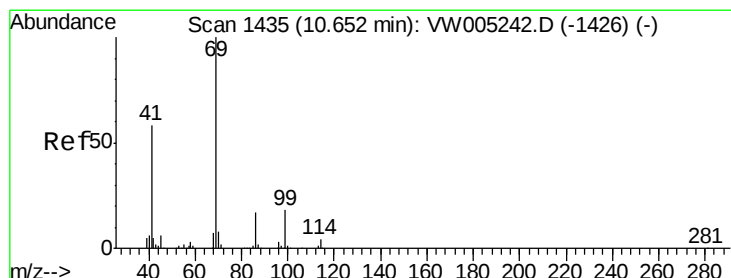
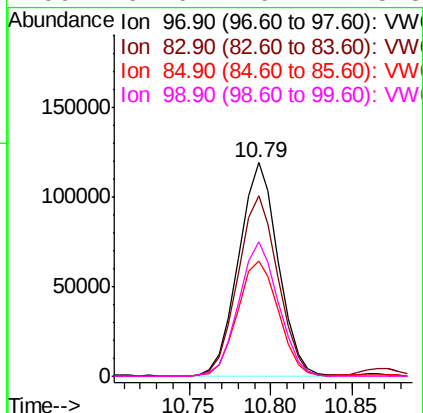
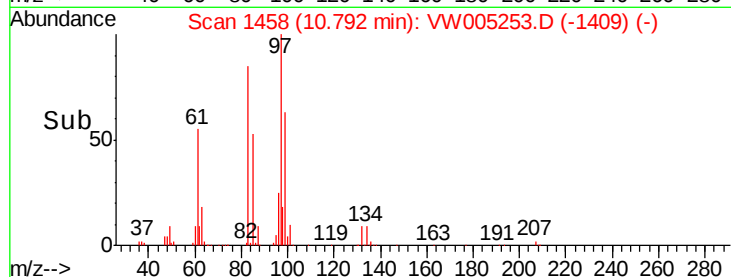
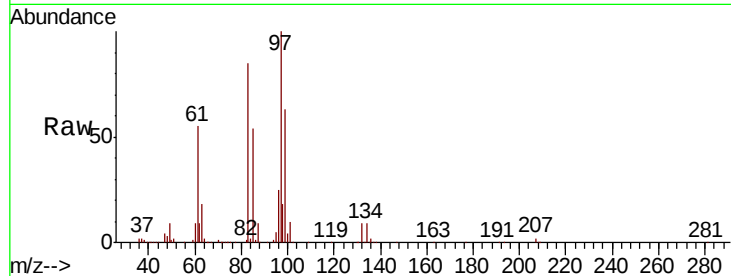
#55
 1,1,2-Trichloroethane
 Concen: 60.91 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

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

Tot Ion:	97	Resp:	202157
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.2	100.8
85	53.7	44.4	66.6
99	62.6	49.2	73.8

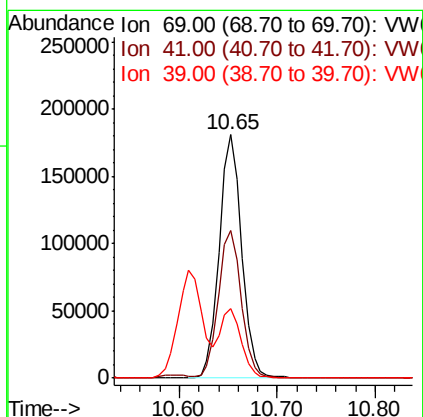
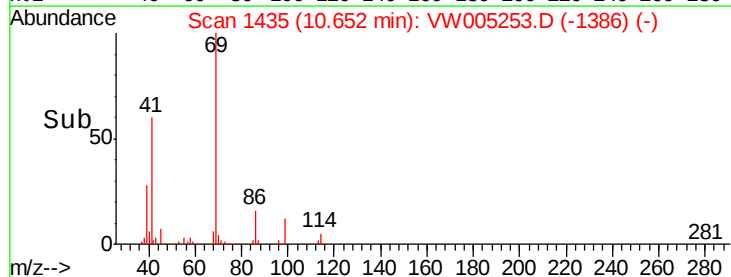
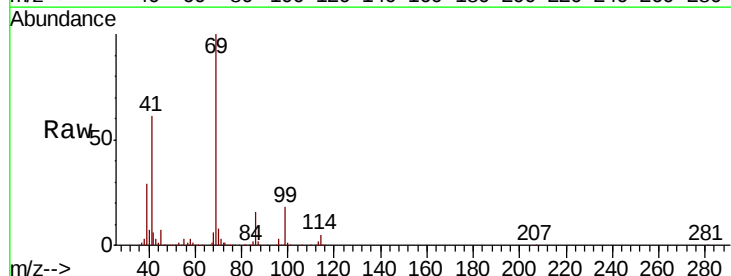
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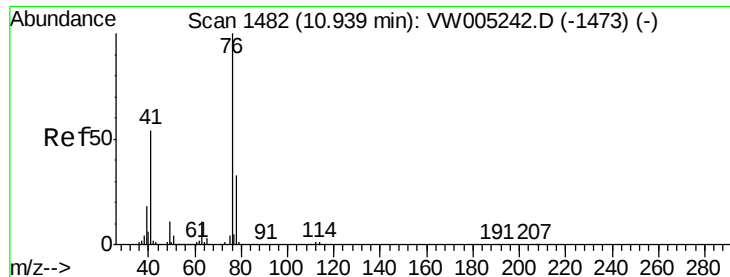
apatel
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#56
 Ethyl methacrylate
 Concen: 68.40 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

Tgt Ion:	69	Resp:	287833
Ion	Ratio	Lower	Upper
69	100		
41	61.8	48.7	73.1
39	27.1	20.9	31.3





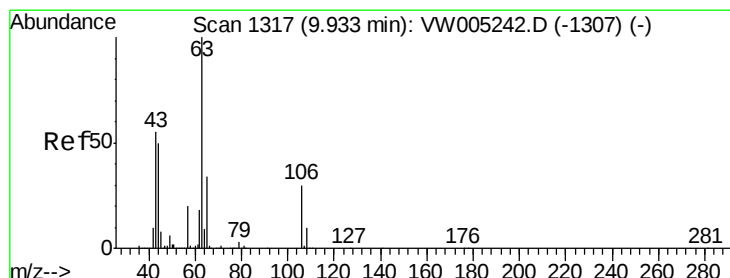
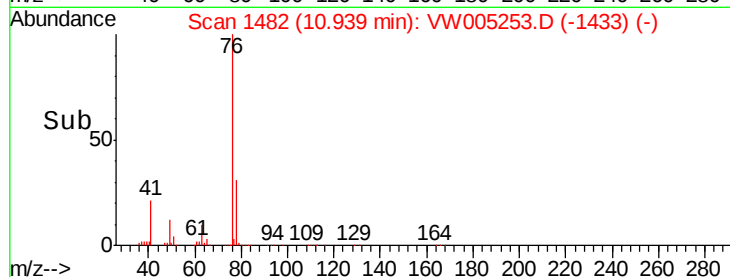
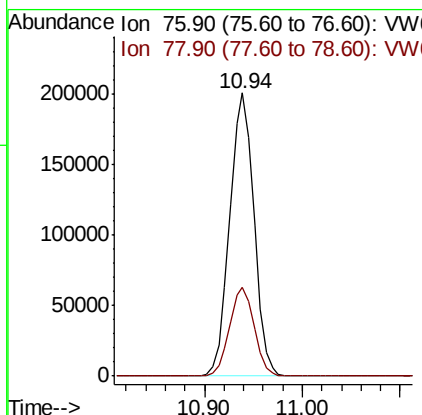
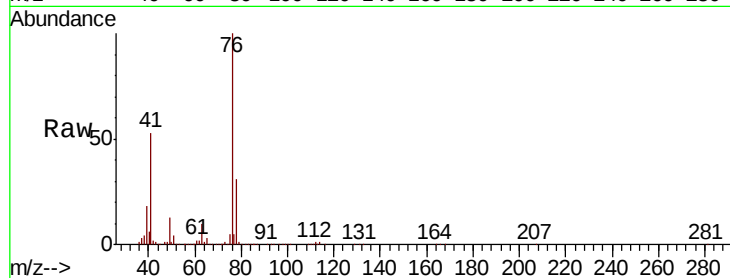
#57
 1,3-Dichloropropane
 Concen: 62.62 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.0	39.0

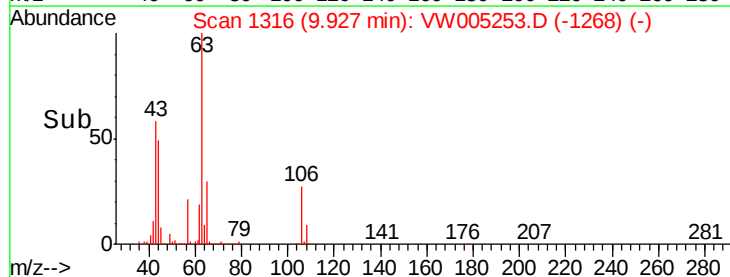
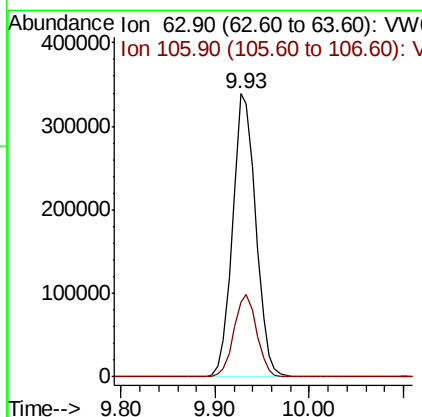
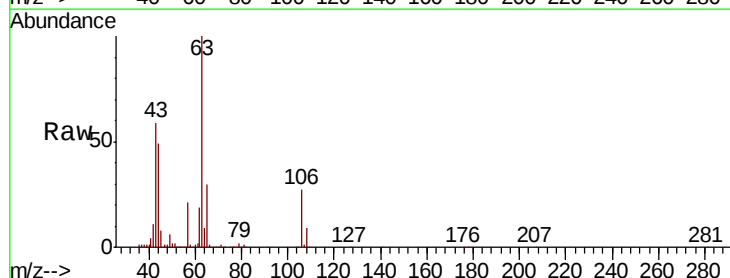
Manual Integrations
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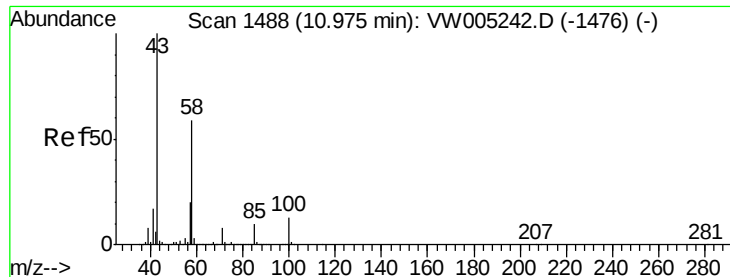
apatel
 9/11/2018 11:10:01 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 316.80 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	23.4	35.0





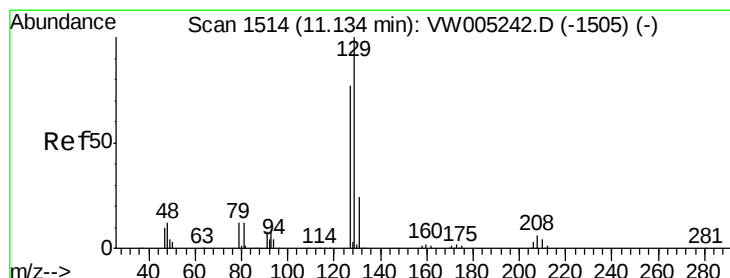
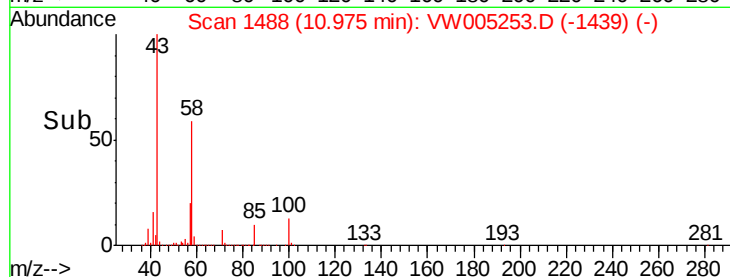
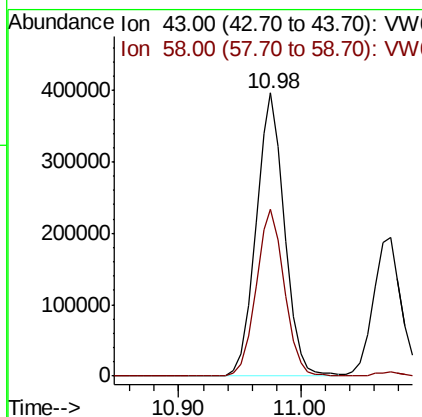
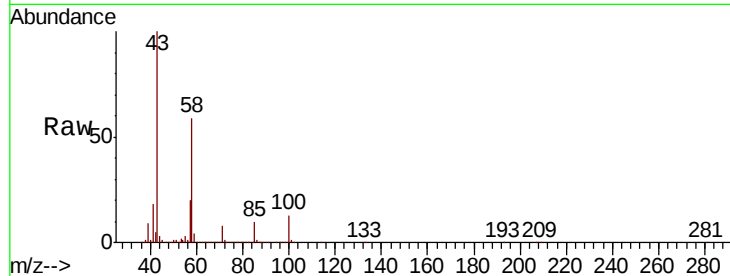
#59
2-Hexanone
Concen: 370.97 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

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

Tot Ion: 43 Resp: 638413
Ion Ratio Lower Upper
43 100
58 59.0 29.3 87.9

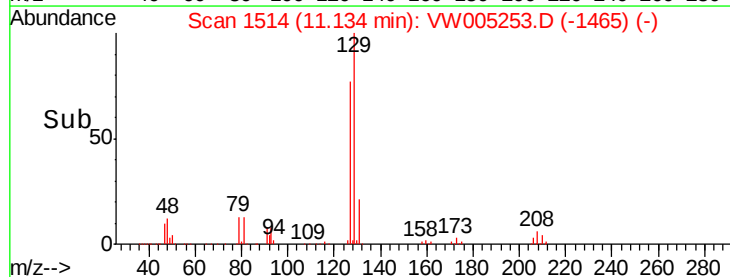
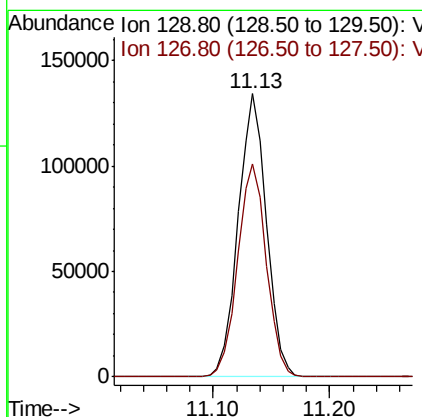
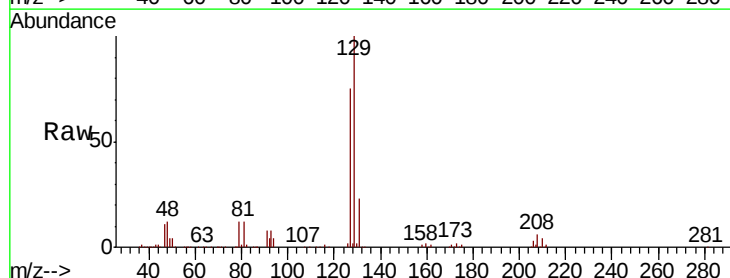
Manual Integrations
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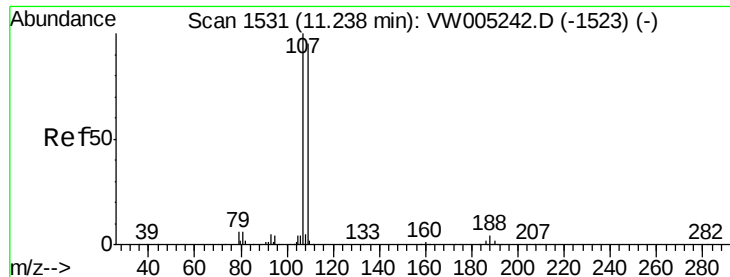
apatel
9/11/2018 11:10:01 AM



#60
Dibromochloromethane
Concen: 61.71 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion: 129 Resp: 227278
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0





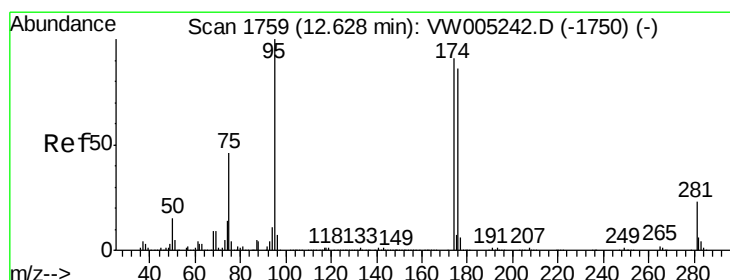
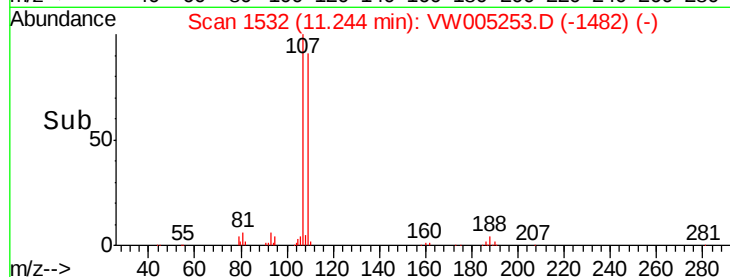
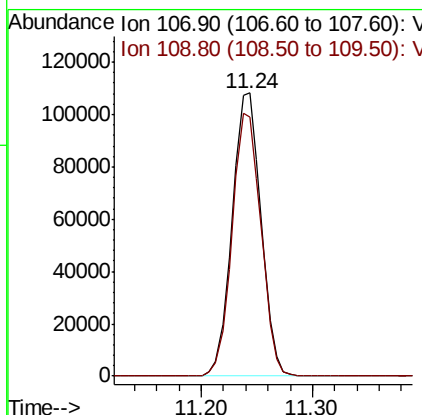
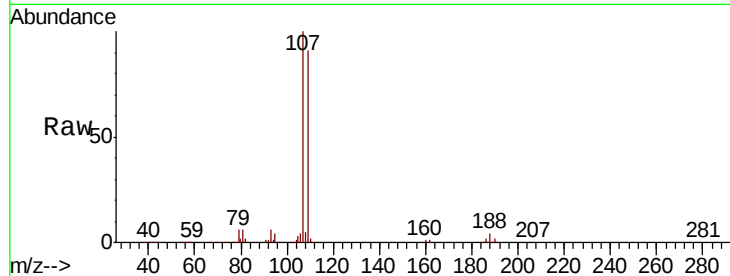
#61
 1,2-Dibromoethane
 Concen: 63.61 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

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

Tot Ion: 107 Resp: 193615
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.7 113.5

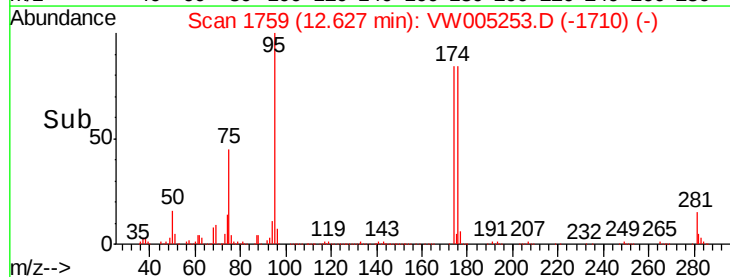
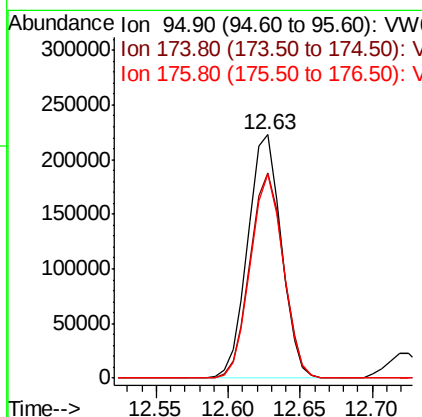
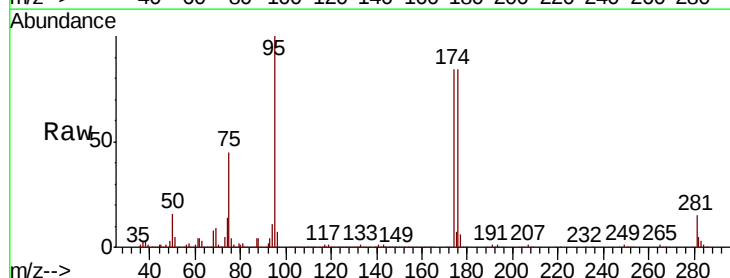
Manual Integrations
 APPROVED

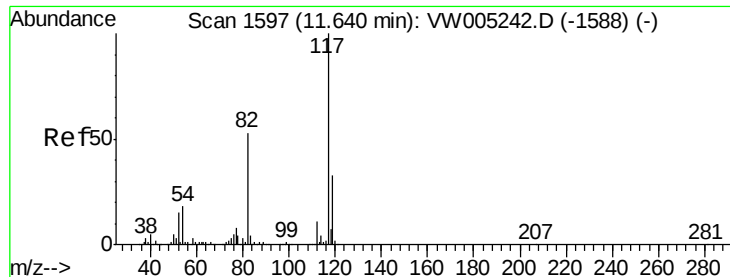
apatel
 9/11/2018 11:10:01 AM



#62
 4-Bromofluorobenzene
 Concen: 56.45 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

Tgt Ion: 95 Resp: 358297
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 174.6
 176 82.3 0.0 167.6





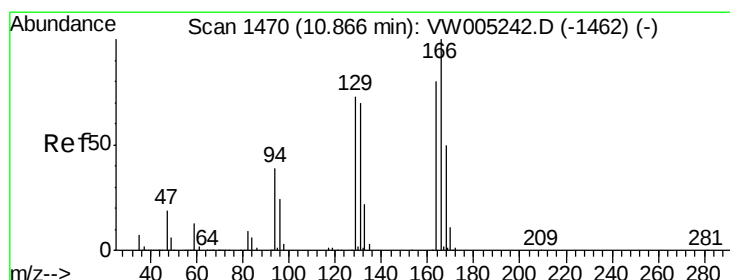
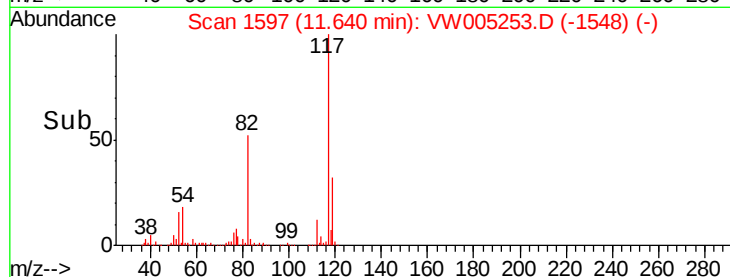
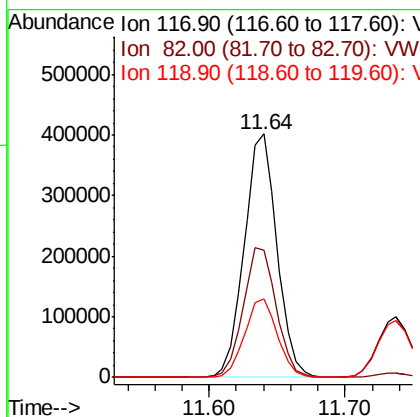
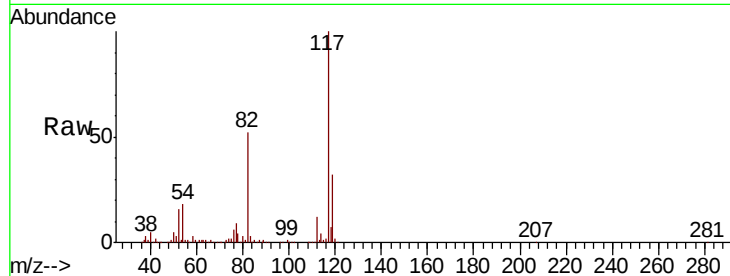
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.6	63.8
119	32.1	26.2	39.4

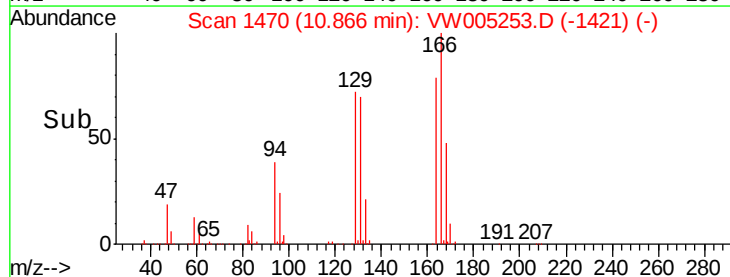
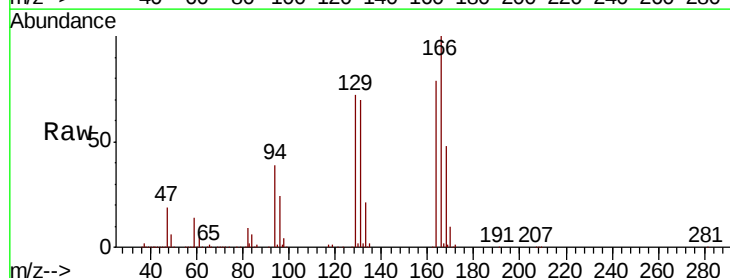
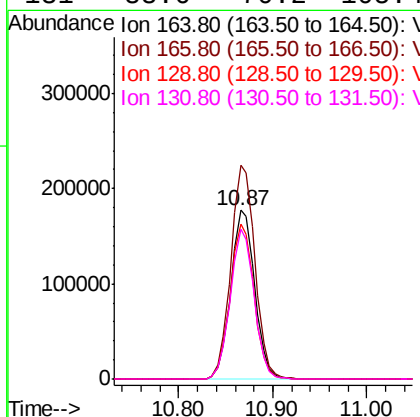
Manual Integrations
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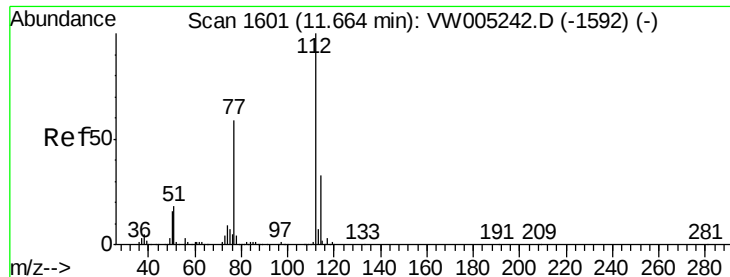
apatel
9/11/2018 11:10:01 AM



#64
Tetrachloroethene
Concen: 62.23 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	100.2	150.2
129	91.5	73.2	109.8
131	88.6	70.2	105.4





#65

Chlorobenzene

Concen: 53.52 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:112 Resp: 792091

Ion Ratio Lower Upper

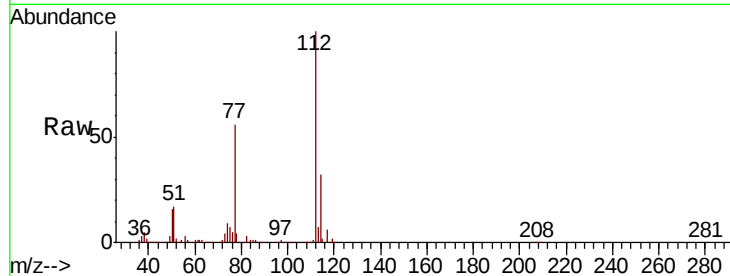
112 100

114 31.8 26.2 39.4

Manual Integrations
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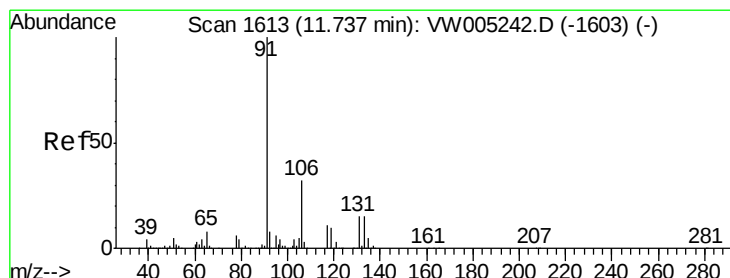
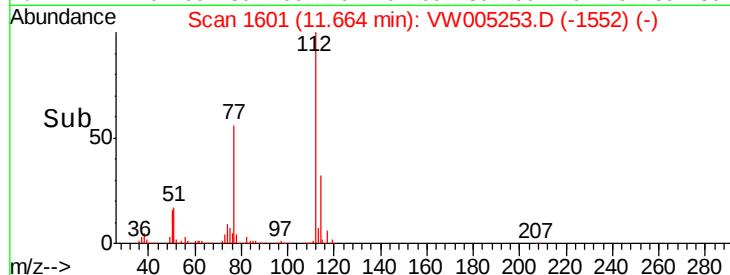
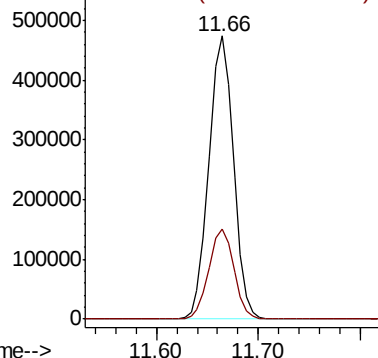
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.89 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

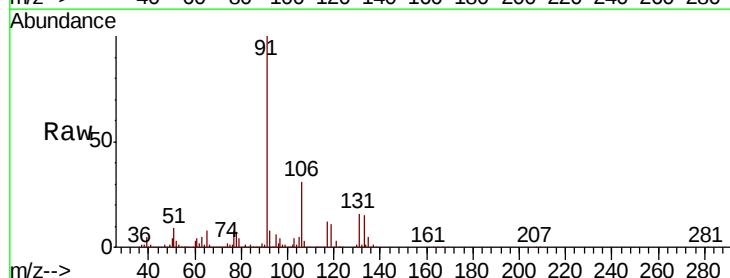
Tgt Ion:131 Resp: 242557

Ion Ratio Lower Upper

131 100

133 94.9 48.1 144.3

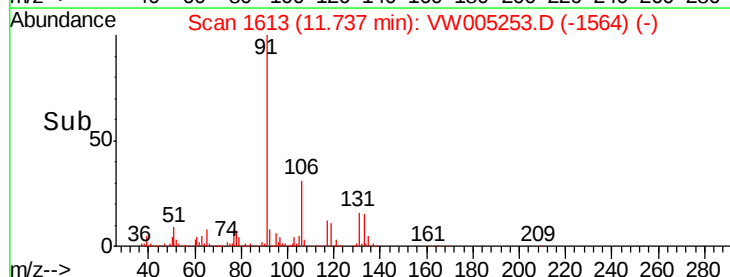
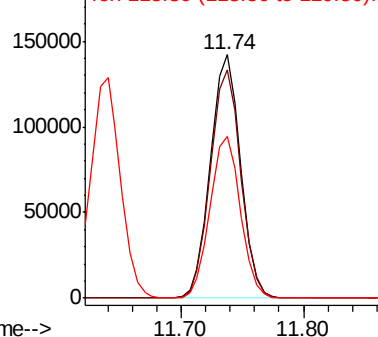
119 67.2 33.4 100.1

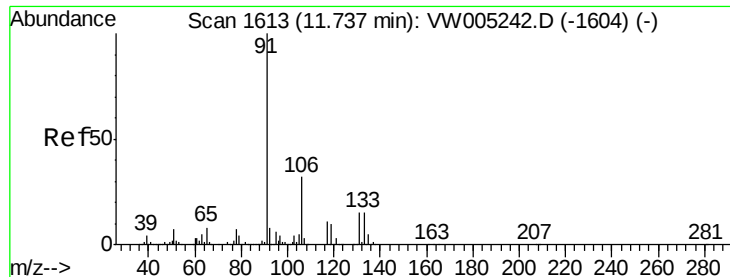


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





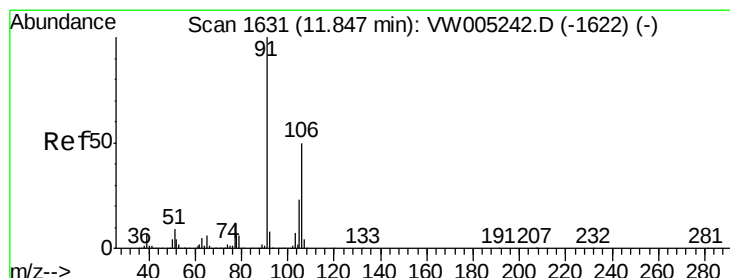
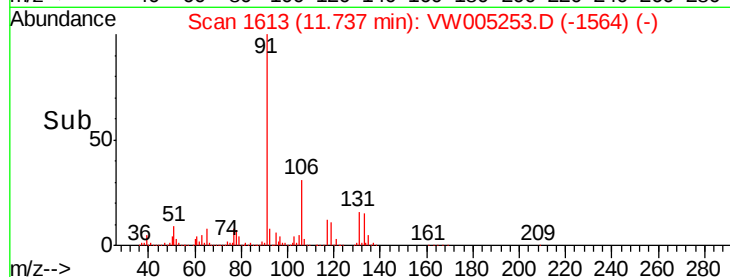
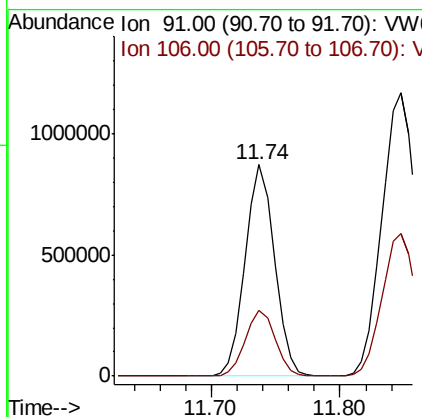
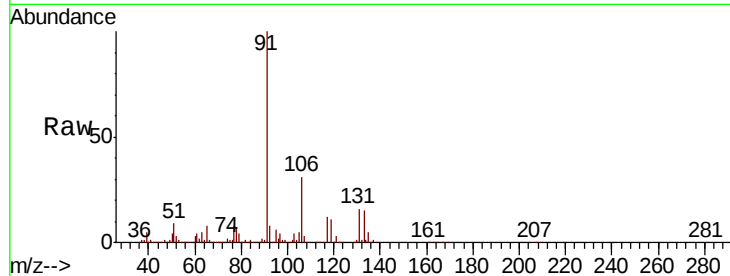
#67
Ethyl Benzene
Concen: 53.35 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

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

Tot Ion: 91 Resp: 1374980
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

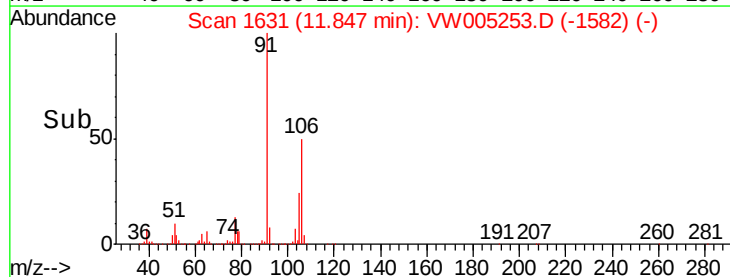
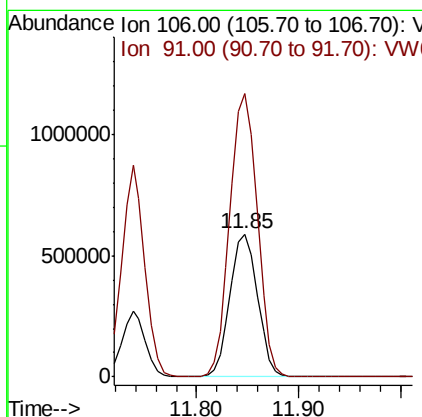
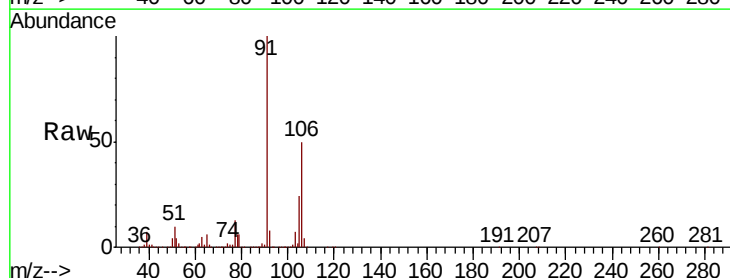
Manual Integrations
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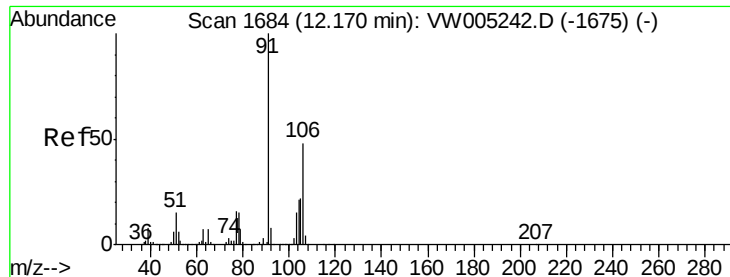
apatel
9/11/2018 11:10:01 AM



#68
m/p-Xylenes
Concen: 106.07 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion: 106 Resp: 1101724
Ion Ratio Lower Upper
106 100
91 198.4 160.2 240.2





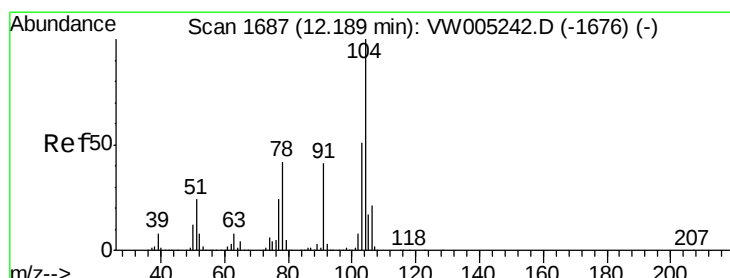
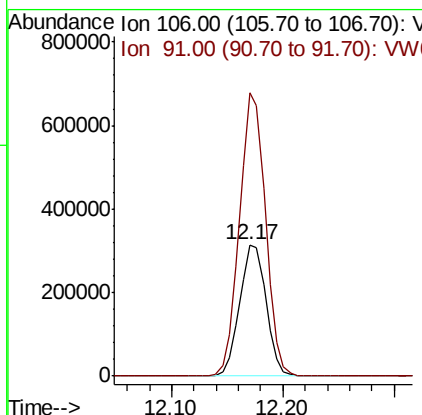
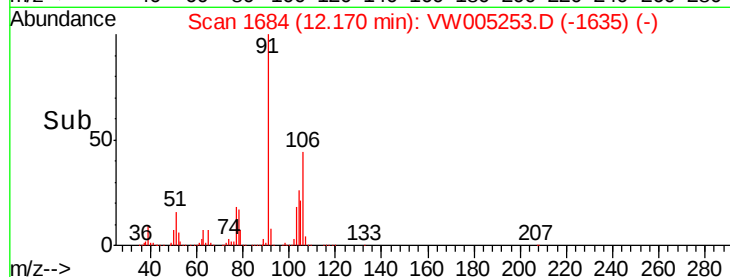
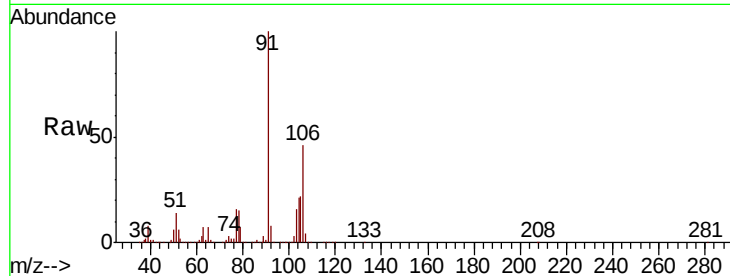
#69
o-Xylene
Concen: 53.57 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	212.2	104.1	312.3		

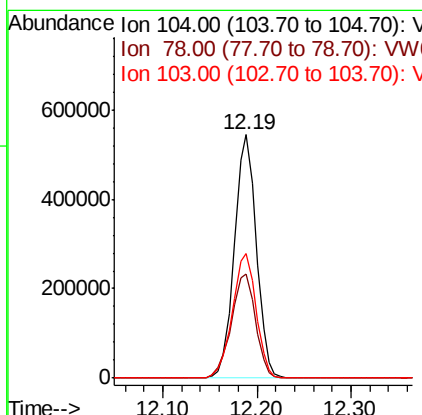
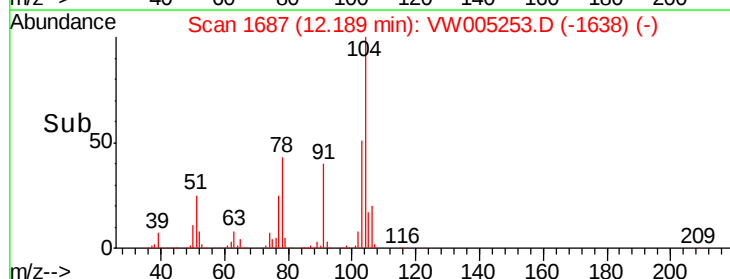
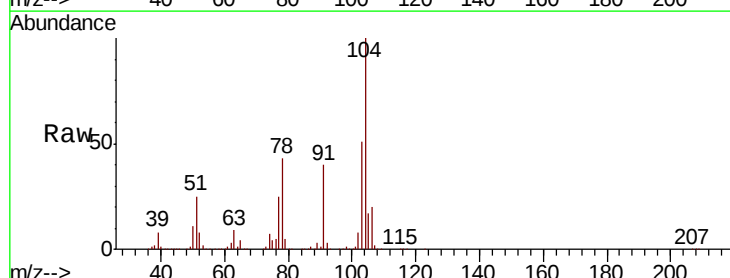
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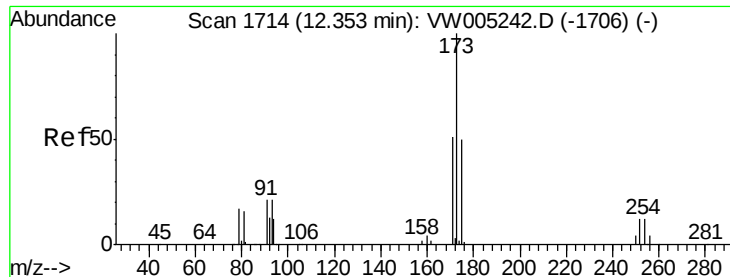
apatel
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#70
Styrene
Concen: 55.81 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	47.4	37.4	56.2		
103	55.4	44.1	66.1		





#71

Bromoform

Concen: 61.47 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

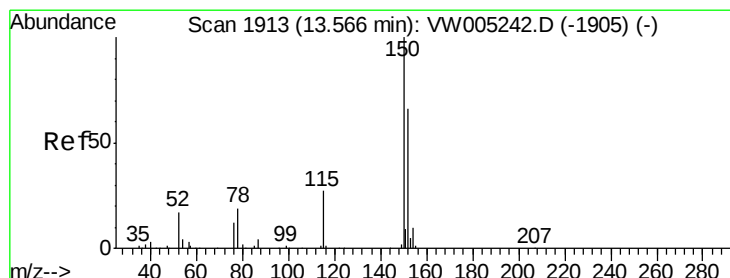
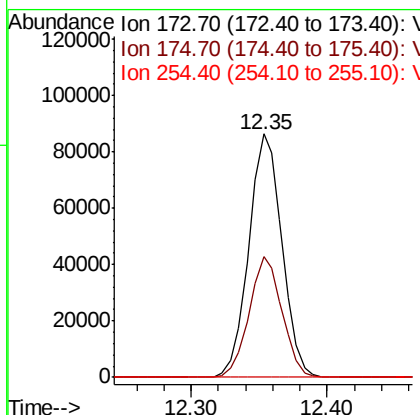
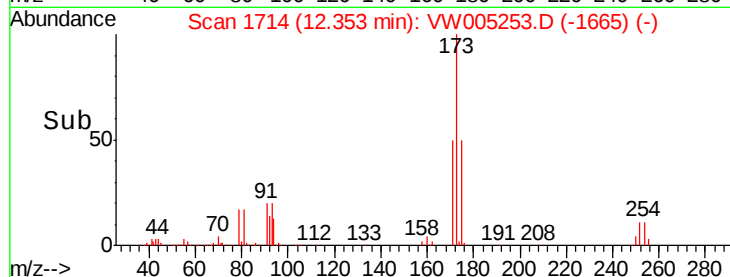
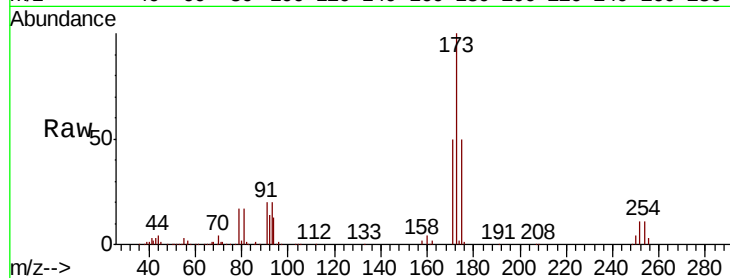
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:	173	Resp:	147298
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.9	74.6
254	0.1	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

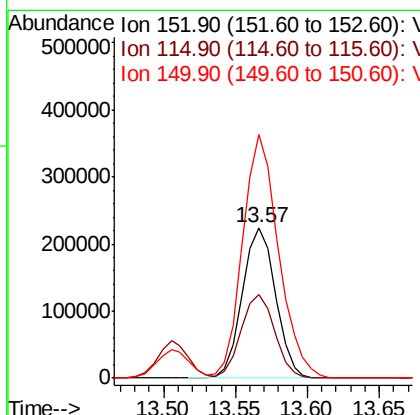
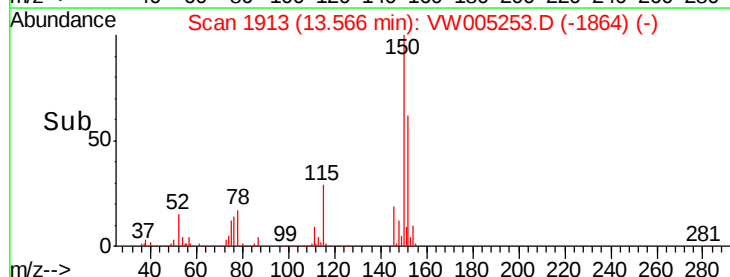
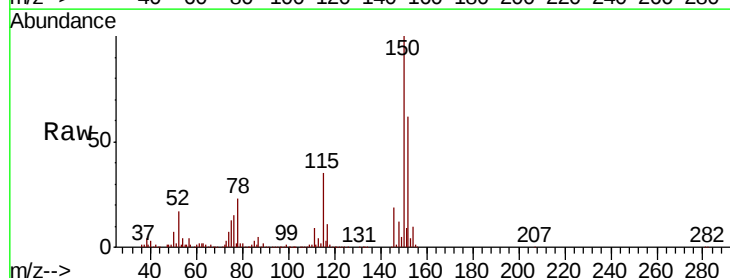
RT: 13.57 min Scan# 1913

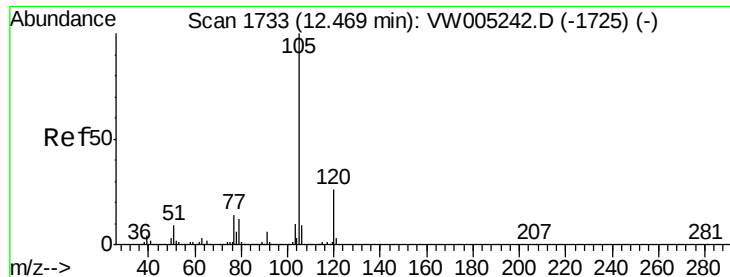
Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Tgt Ion:	152	Resp:	357852
Ion Ratio	Lower	Upper	
152	100		
115	56.1	27.5	82.4
150	175.0	0.0	347.4





#73

Isopropylbenzene

Concen: 53.22 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:105 Resp: 1345677

Ion Ratio Lower Upper

105 100

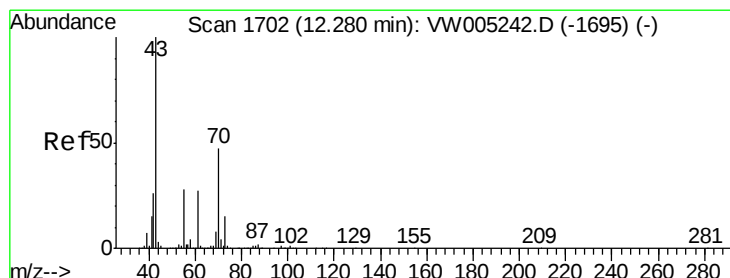
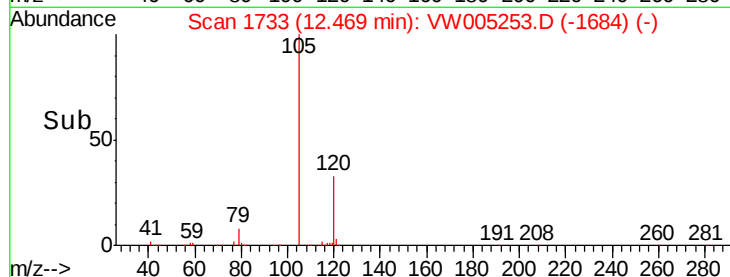
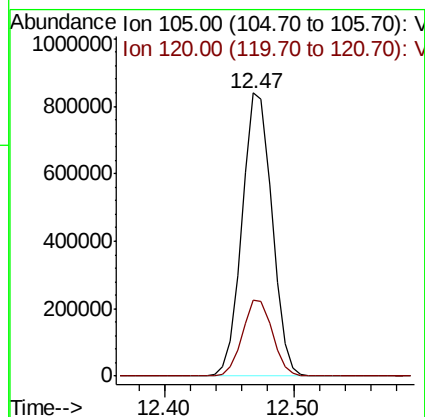
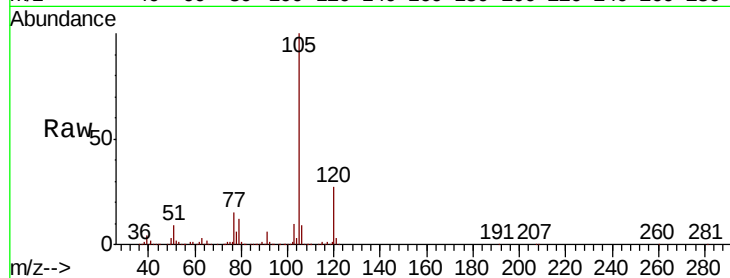
120 26.9 13.4 40.1

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#74

N-ethyl acetate

Concen: 69.99 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Tgt Ion: 43 Resp: 336716

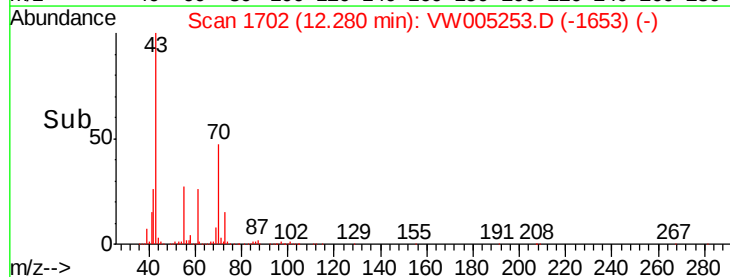
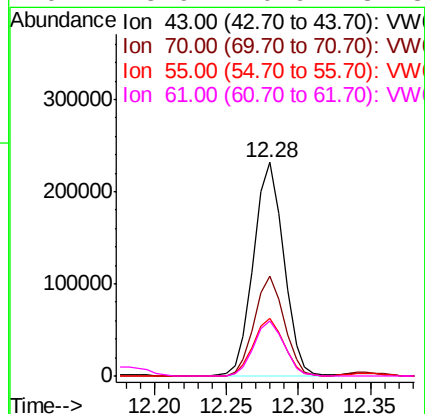
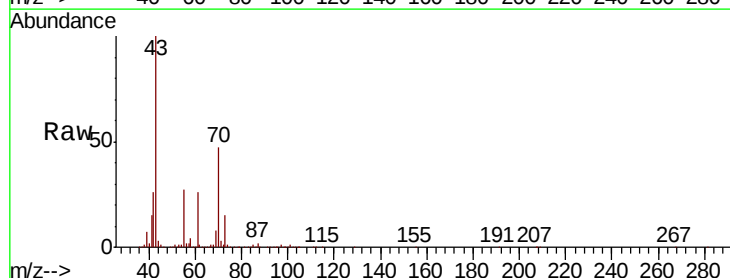
Ion Ratio Lower Upper

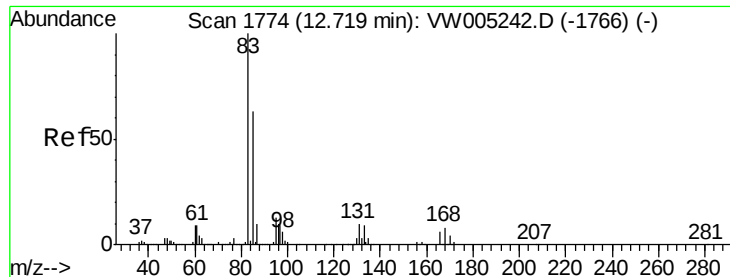
43 100

70 46.2 37.9 56.9

55 27.5 22.6 33.8

61 25.9 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 64.64 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

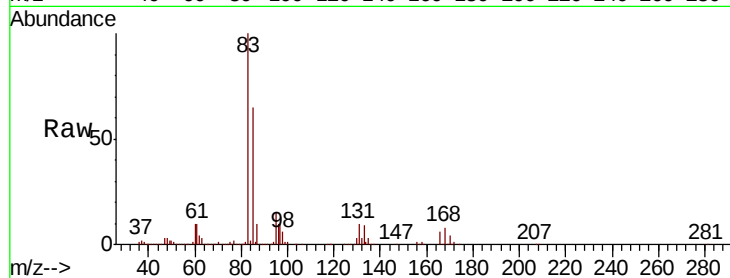
ClientSampleId :

ENY-SB-02-61.0-61.5MS

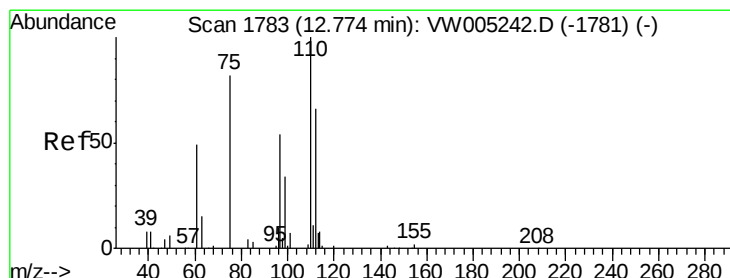
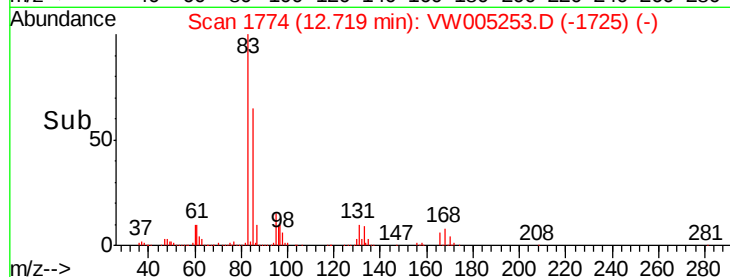
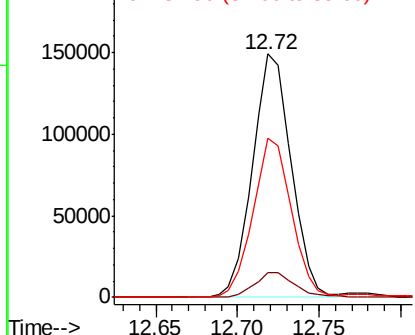
Tot Ion:	83	Resp:	245628
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.4
85	64.9	31.6	95.0

Manual Integrations
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9/11/2018 11:10:01 AM



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 63.25 ug/l m

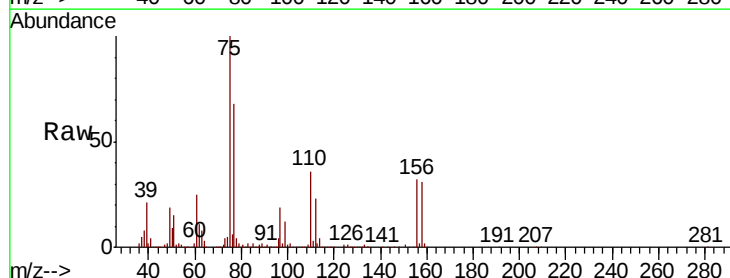
RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

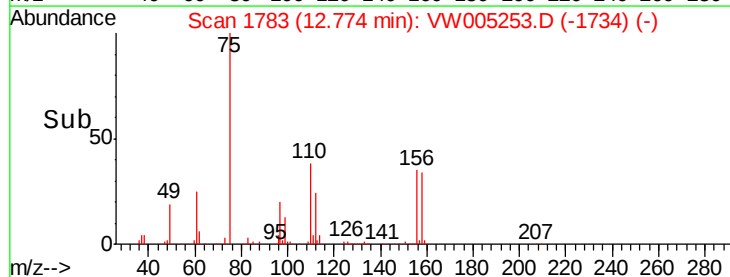
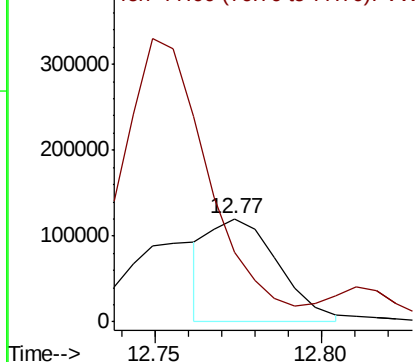
Lab File: VW005253.D

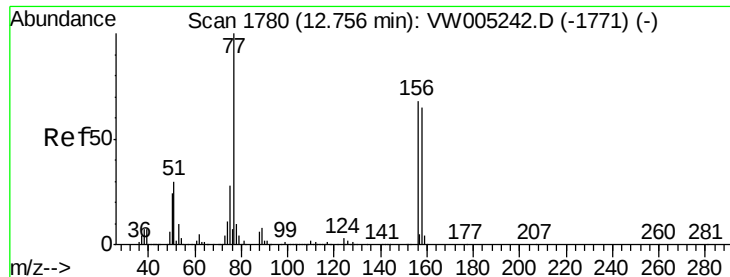
Acq: 10 Sep 2018 20:54

Tgt Ion:	75	Resp:	174083
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: 56.82 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

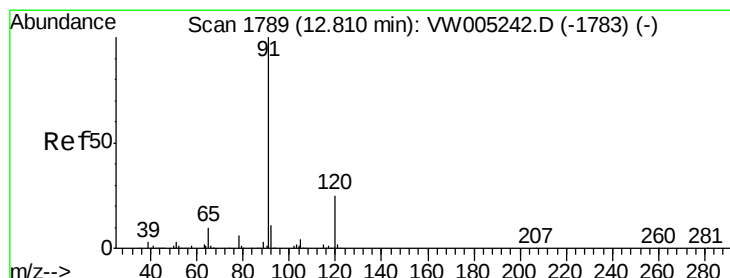
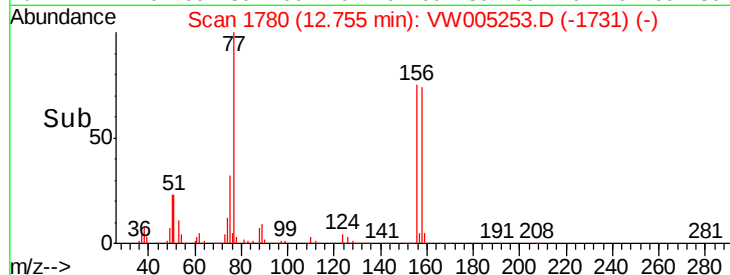
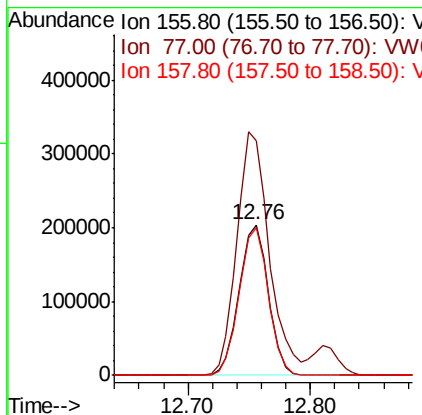
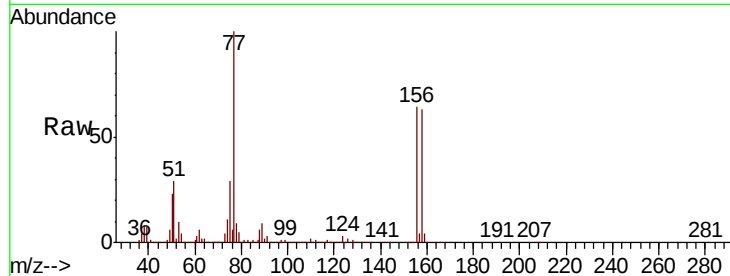
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion	Ratio	Lower	Upper
156	100		
77	178.4	86.3	258.8
158	97.7	48.6	145.8

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#78

n-propylbenzene

Concen: 52.68 ug/l

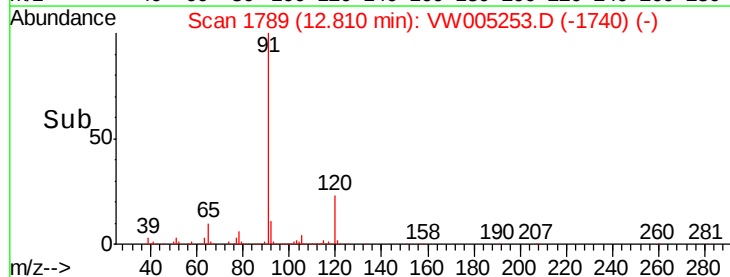
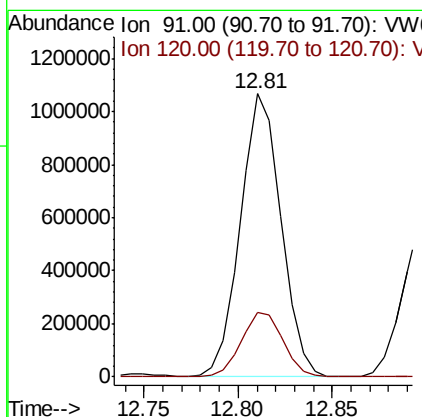
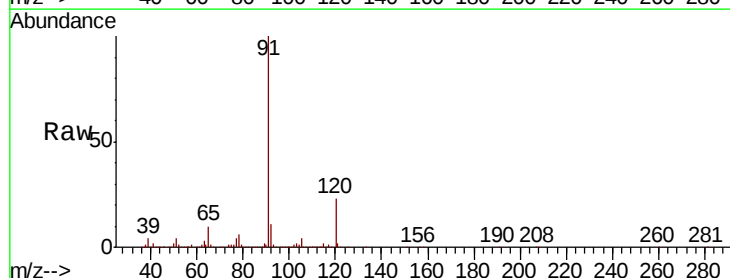
RT: 12.81 min Scan# 1789

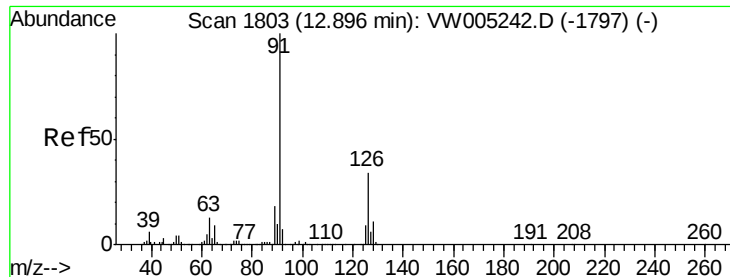
Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	12.0	36.0





#79

2-Chlorotoluene

Concen: 53.97 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 91 Resp: 939826

Ion Ratio Lower Upper

91 100

126 34.7

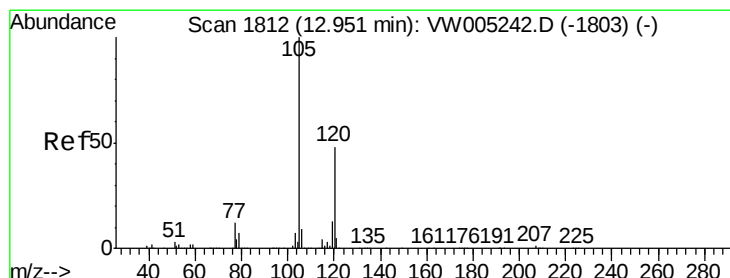
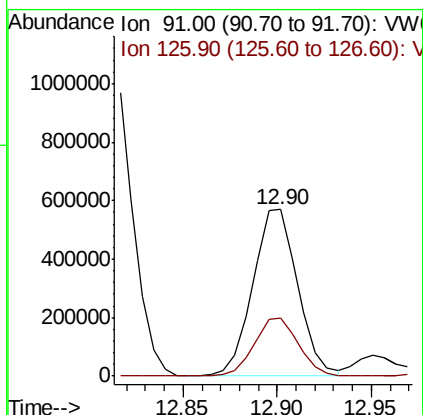
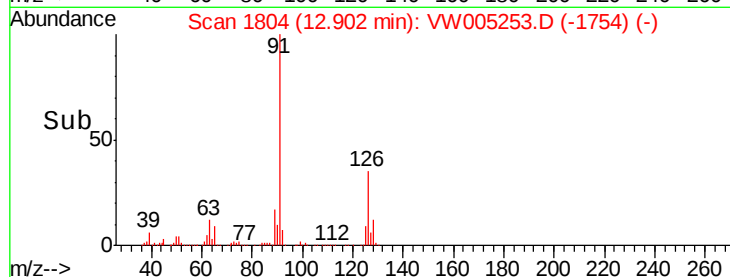
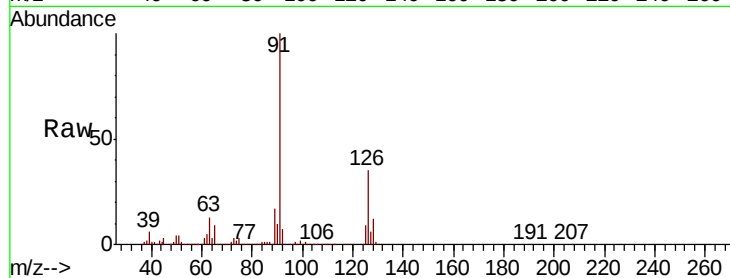
17.2 51.5

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#80

1,3,5-Trimethylbenzene

Concen: 52.32 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005253.D

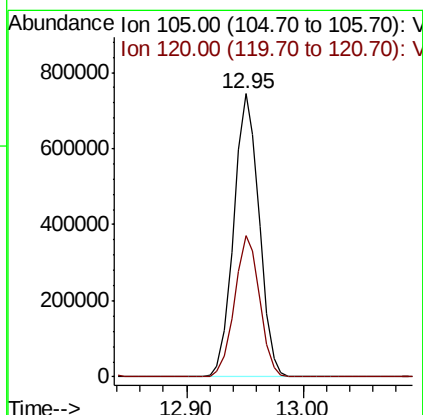
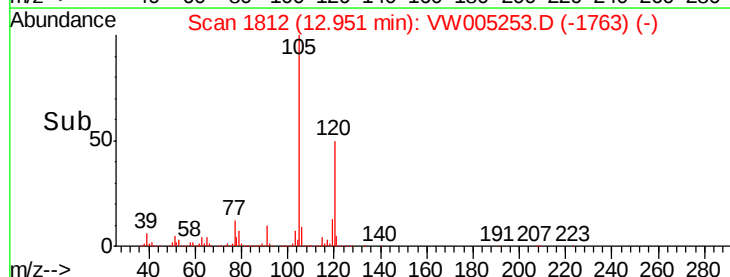
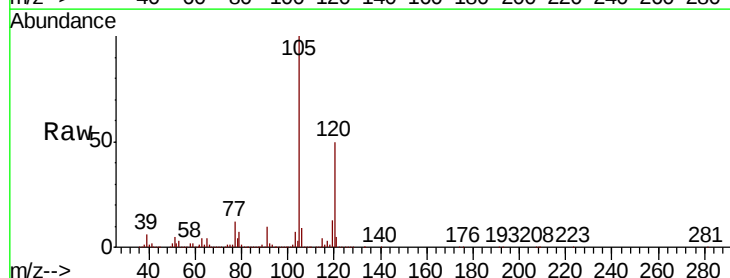
Acq: 10 Sep 2018 20:54

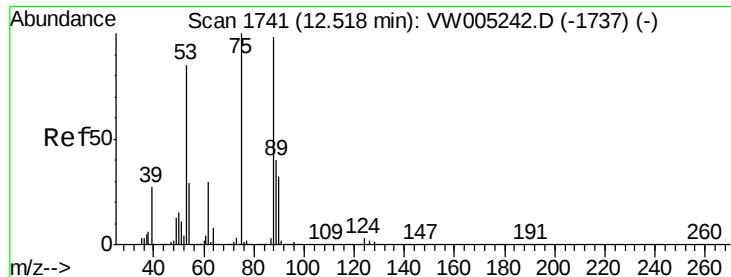
Tgt Ion:105 Resp: 1126447

Ion Ratio Lower Upper

105 100

120 49.4 24.4 73.4





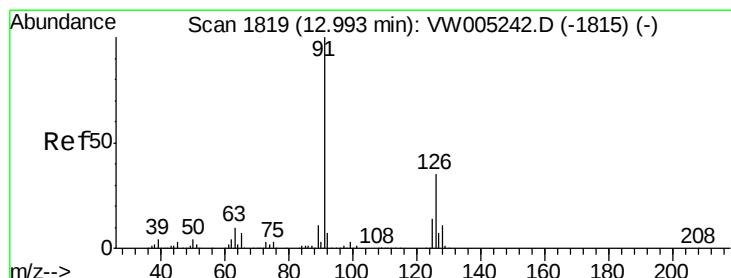
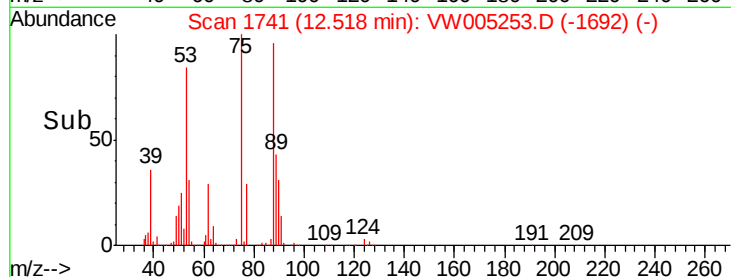
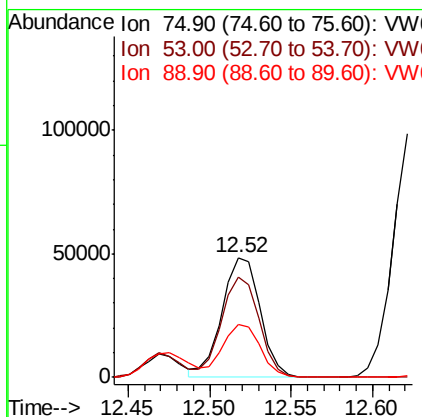
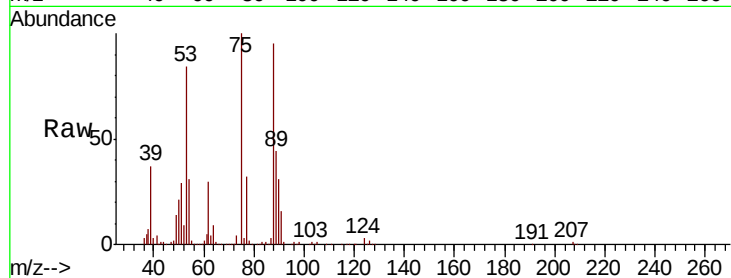
#81
trans-1,4-Dichloro-2-butene
Concen: 66.99 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

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

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.0	67.0	100.6
89	44.4	37.0	55.4

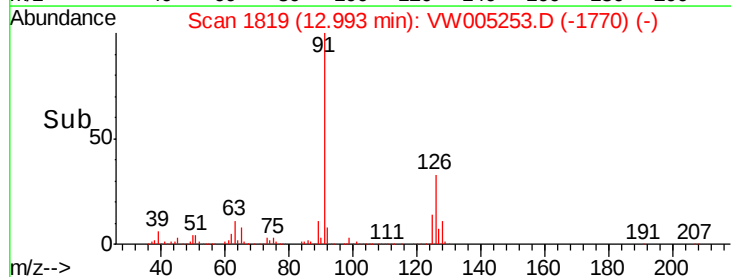
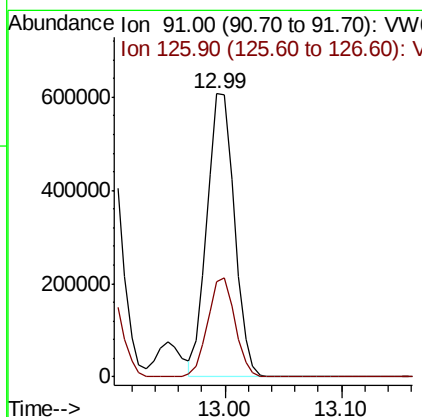
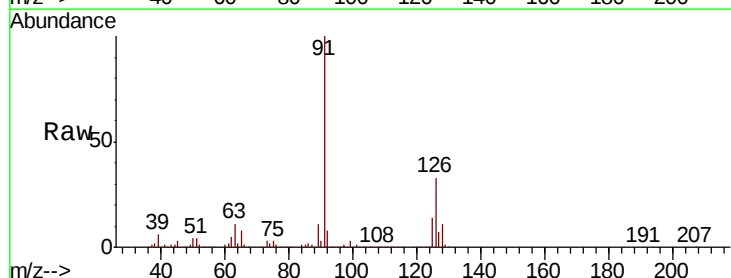
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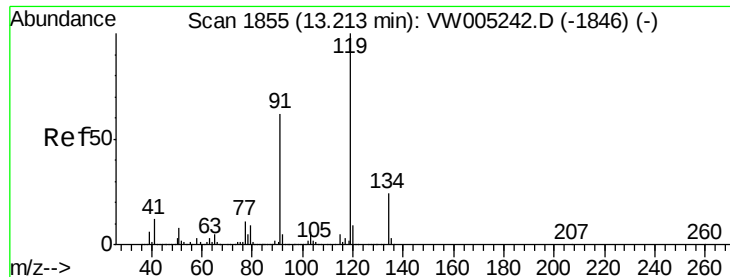
apatel
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#82
4-Chlorotoluene
Concen: 53.77 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.5	52.5





#83

tert-Butylbenzene

Concen: 50.95 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

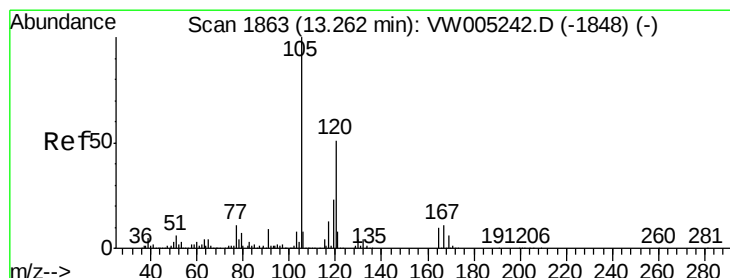
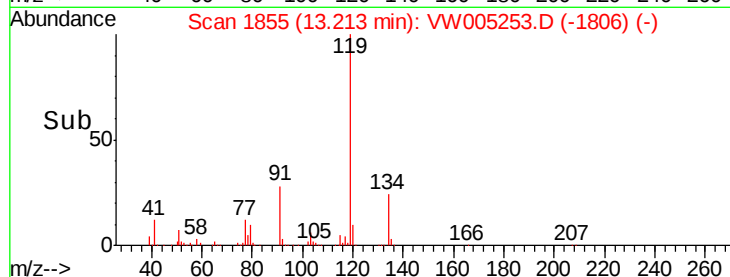
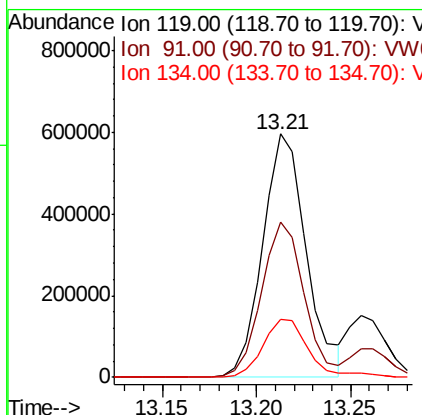
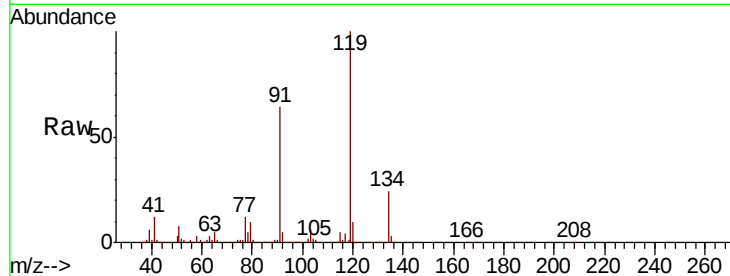
Instrument :
MSVOA_W

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

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.2	31.7	95.1
134	25.0	13.0	38.9

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#84

1,2,4-Trimethylbenzene

Concen: 53.63 ug/l

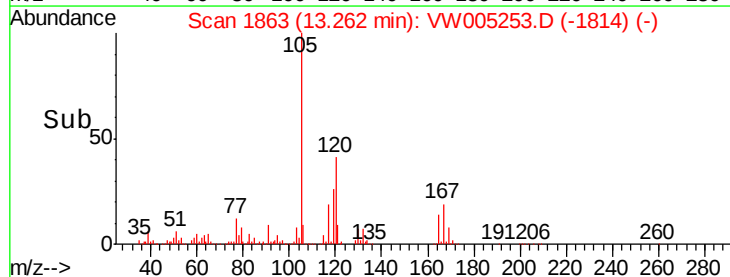
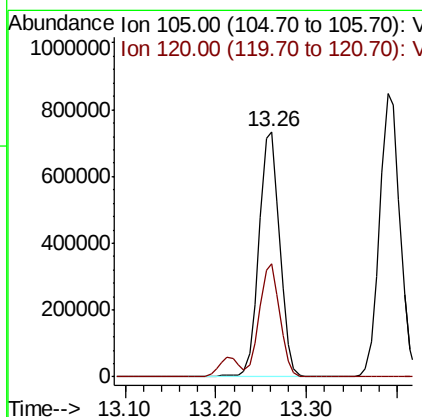
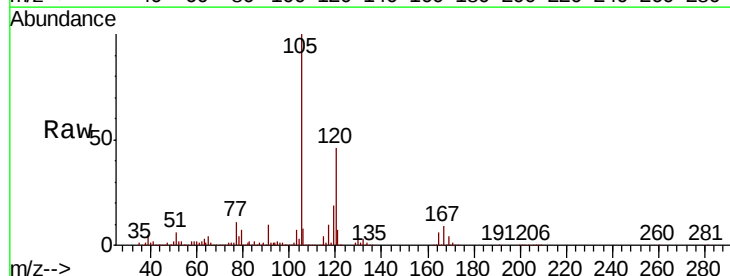
RT: 13.26 min Scan# 1863

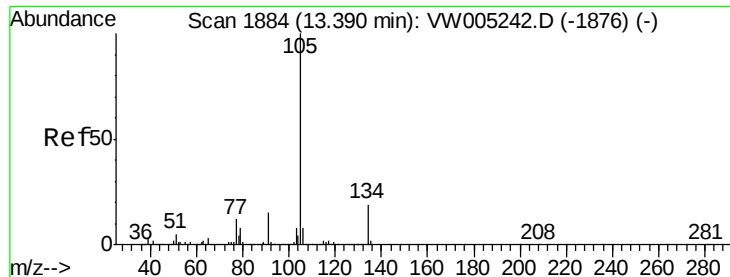
Delta R.T. -0.00 min

Lab File: VW005253.D

Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.4	70.3





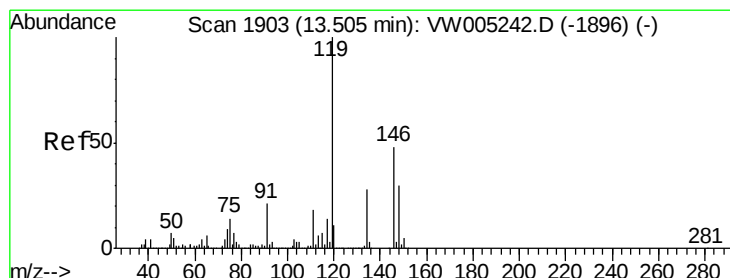
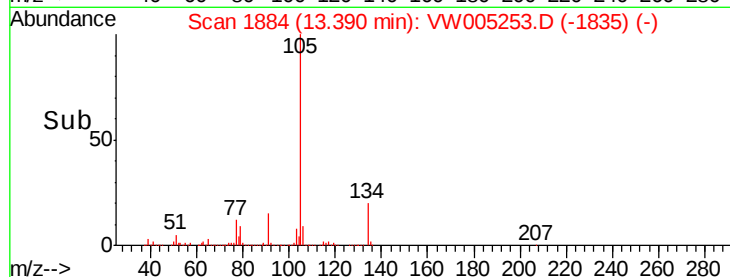
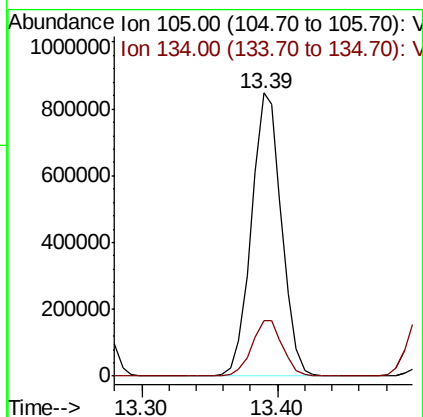
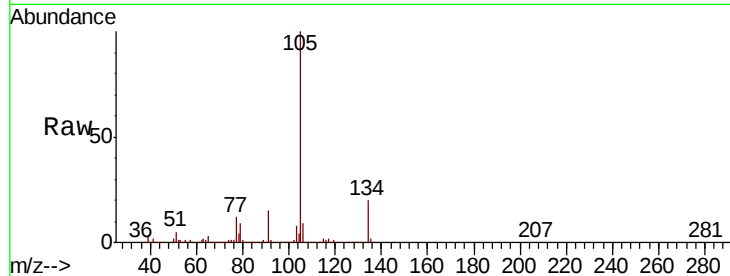
#85
 sec-Butylbenzene
 Concen: 48.50 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

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

Tot Ion:105 Resp: 1312589
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

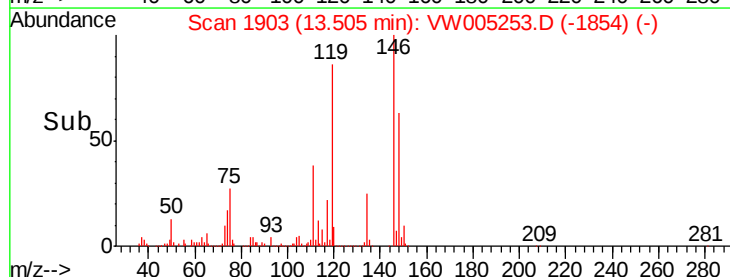
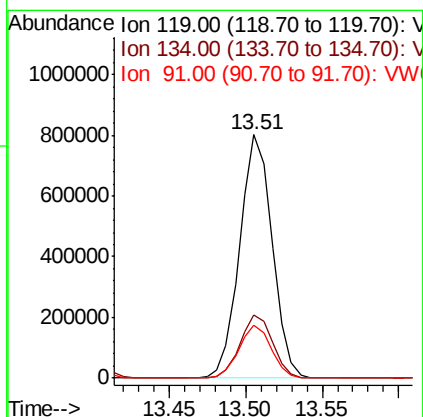
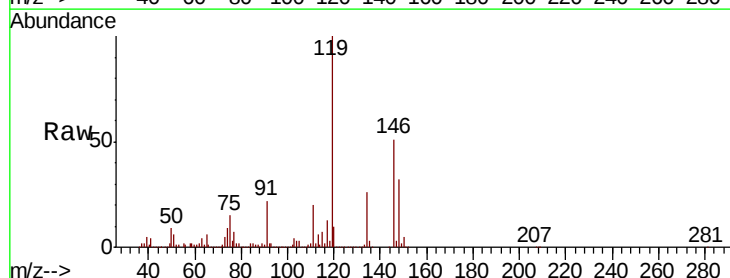
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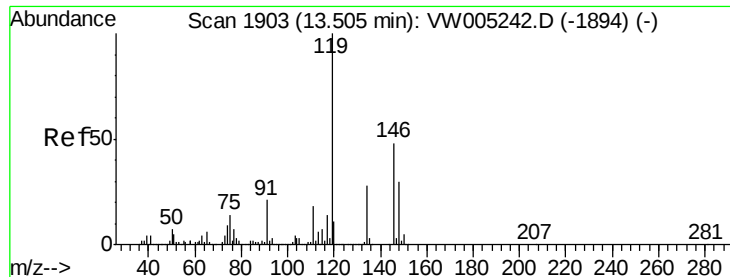
apatel
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#86
 p-Isopropyltoluene
 Concen: 49.23 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

Tgt Ion:119 Resp: 1179280
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 21.7 10.7 32.1





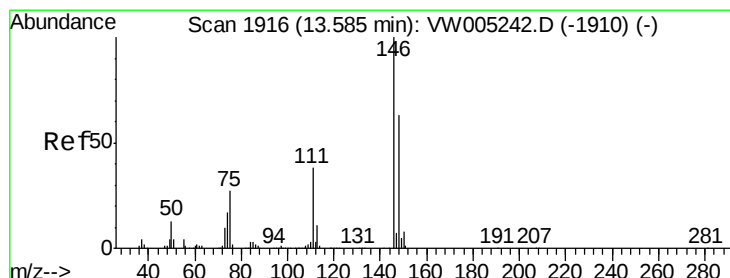
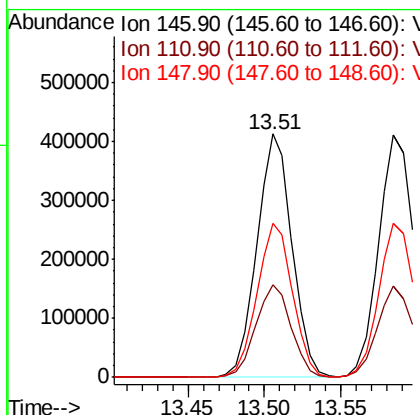
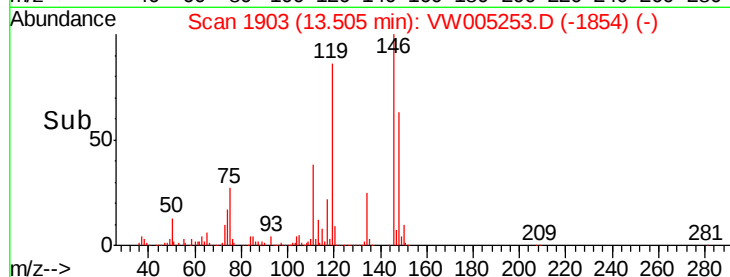
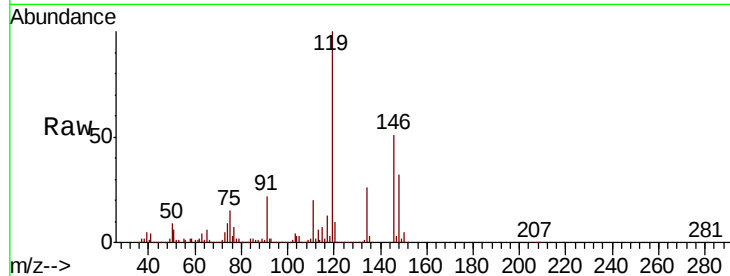
#87
 1,3-Dichlorobenzene
 Concen: 52.56 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.8	56.3
148	63.8	31.6	94.8

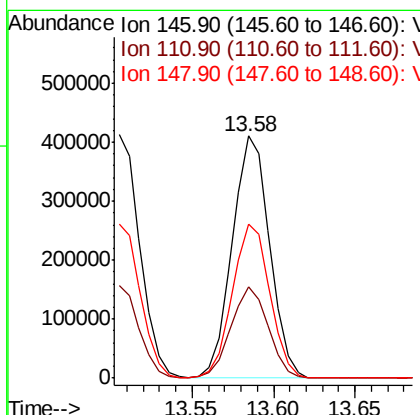
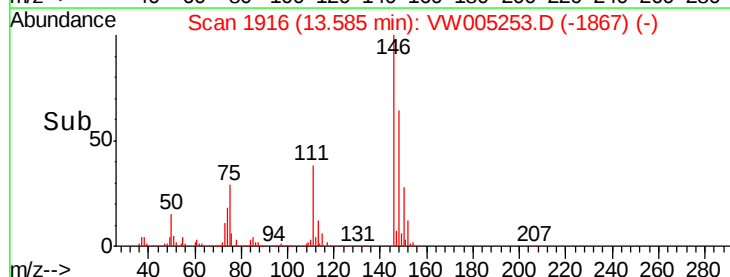
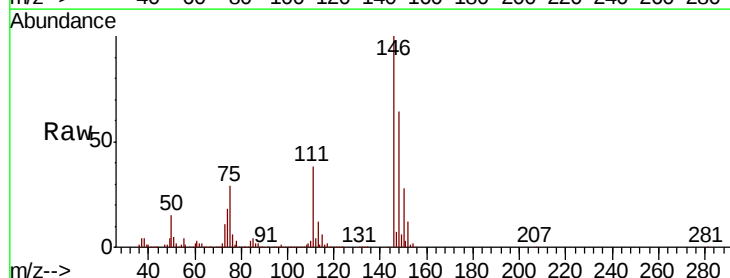
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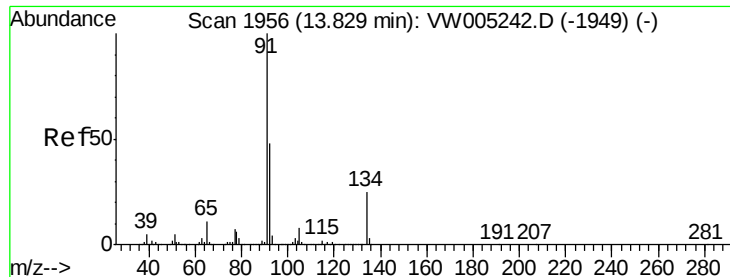
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#88
 1,4-Dichlorobenzene
 Concen: 53.25 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.3
148	63.9	32.3	96.9





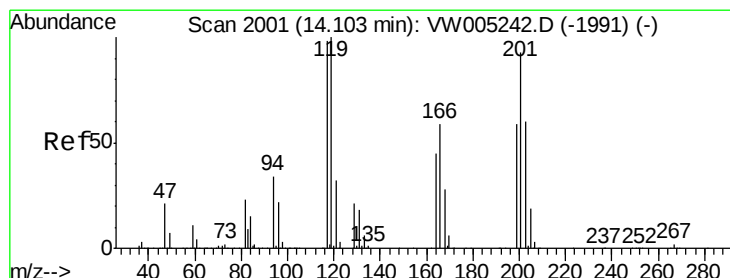
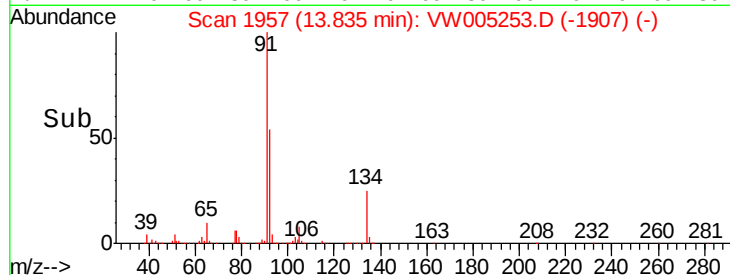
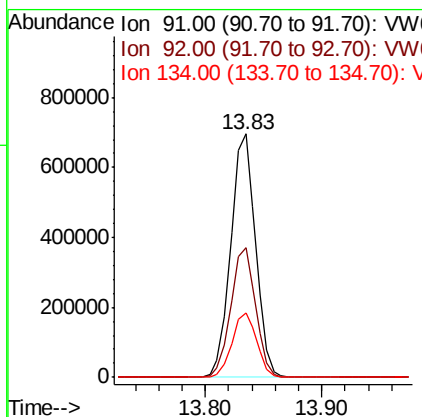
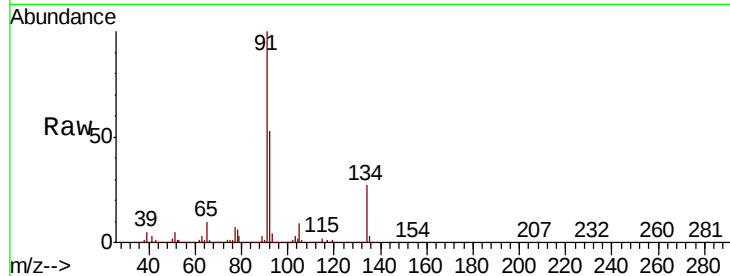
#89
n-Butylbenzene
Concen: 45.71 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

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

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	53.2	25.8	77.3	
134	26.6	13.6	40.8	

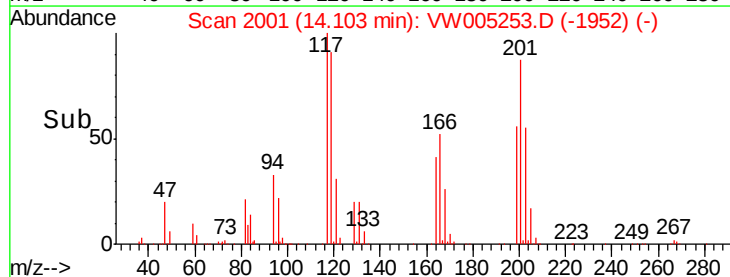
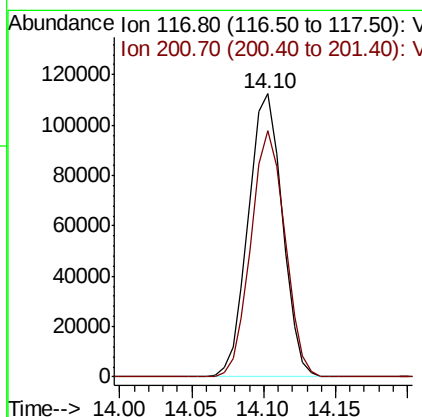
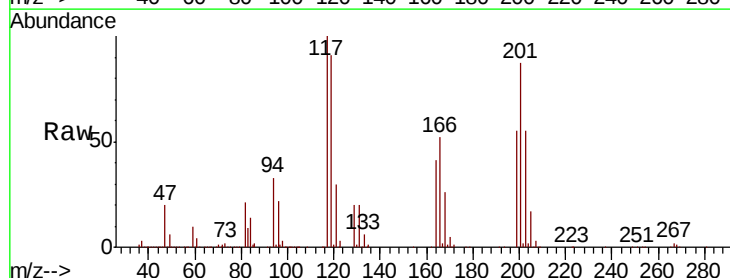
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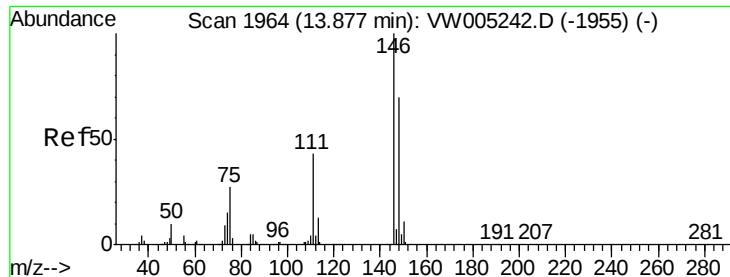
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#90
Hexachloroethane
Concen: 48.21 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	86.5	44.0	132.1	





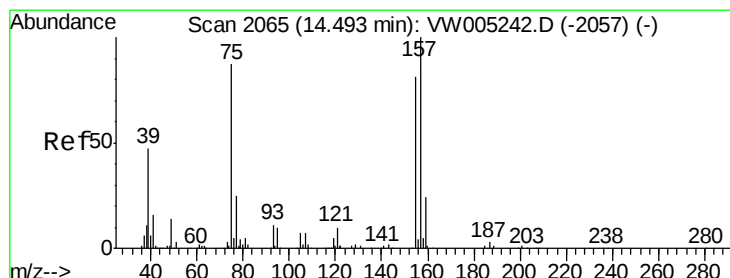
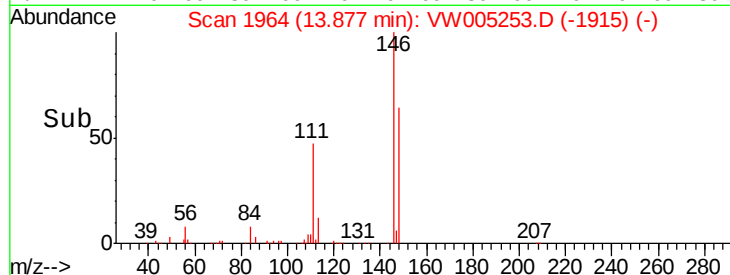
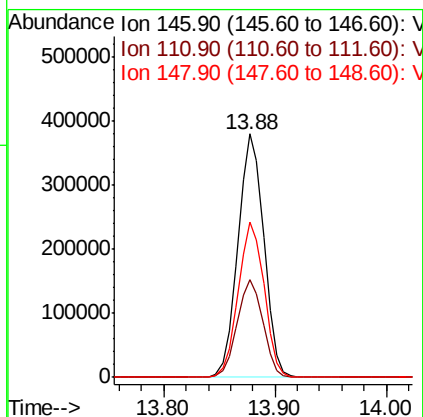
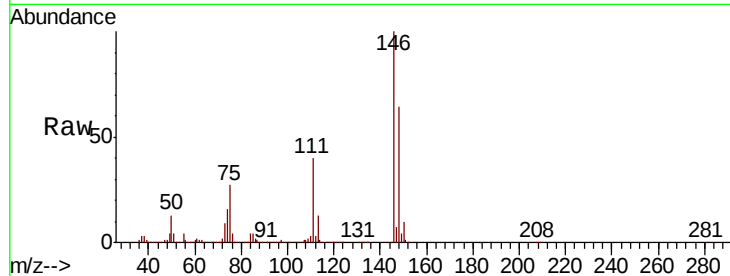
#91
 1,2-Dichlorobenzene
 Concen: 55.48 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

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

Tot Ion:	146	Resp:	609928
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.5	61.5
148	63.9	32.7	98.1

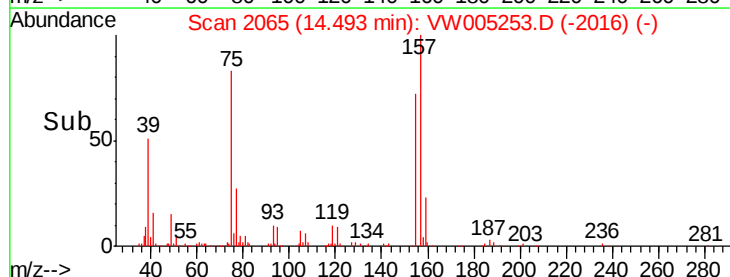
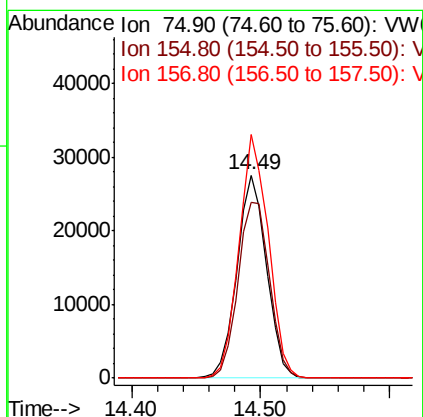
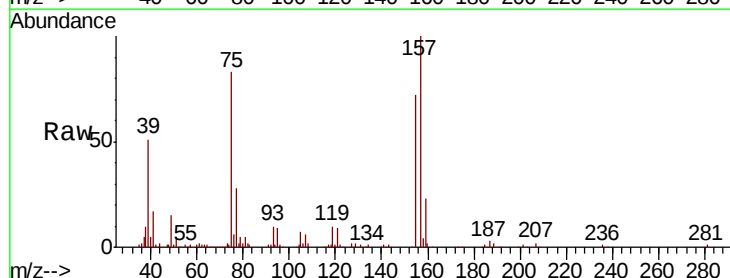
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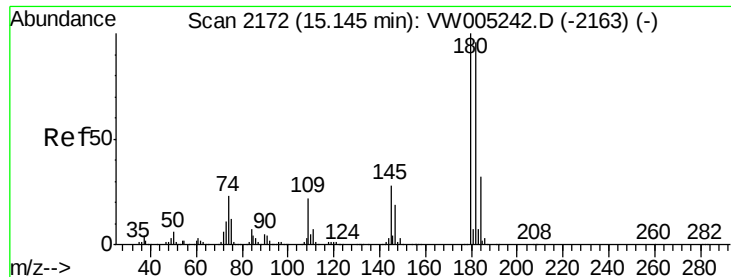
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 69.38 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

Tgt Ion:	75	Resp:	43841
Ion Ratio	Lower	Upper	
75	100		
155	92.2	47.4	142.2
157	118.6	59.4	178.2





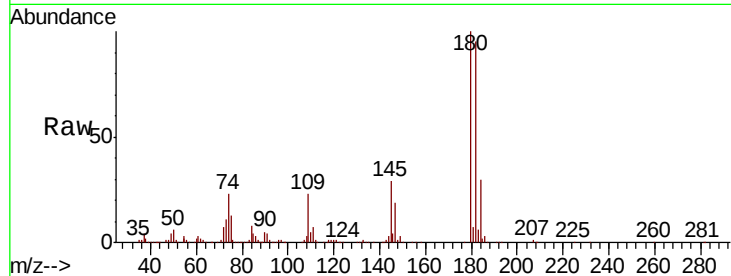
#93
 1,2,4-Trichlorobenzene
 Concen: 46.95 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

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

Tot Ion	Ratio	Resp	Lower	Upper
180	100	365109		
182	95.2	48.1	144.4	
145	29.2	14.5	43.6	

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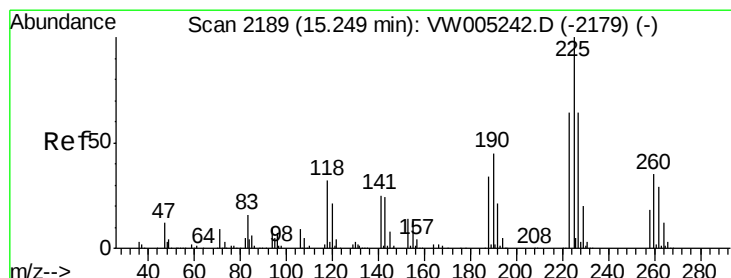
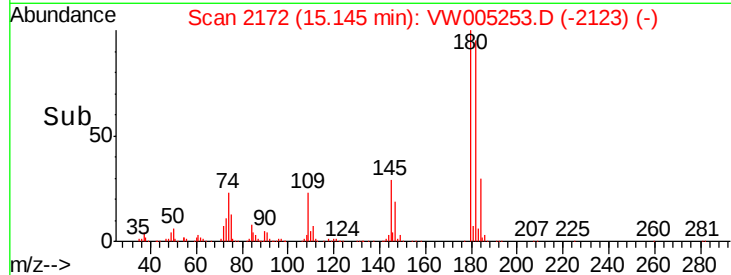
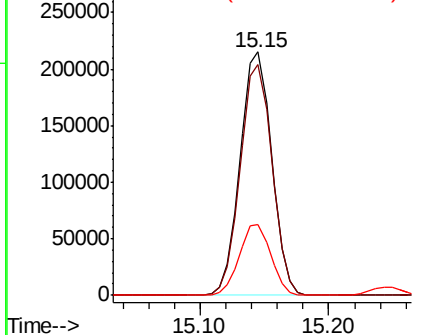


Abundance

Ion 179.80 (179.50 to 180.50): V

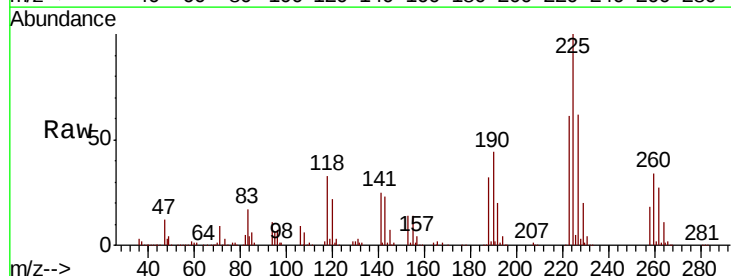
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 30.87 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005253.D
 Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	153711		
223	62.2	31.4	94.2	
227	64.5	32.0	96.0	

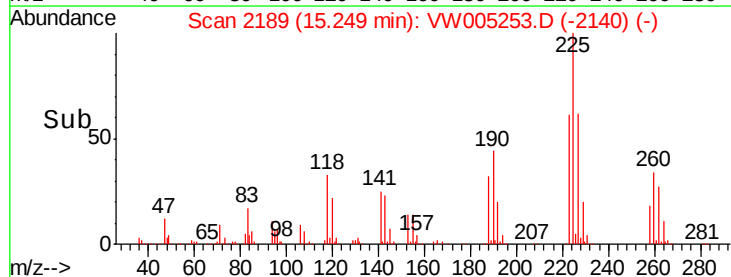
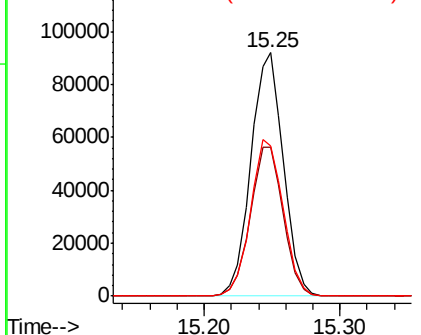


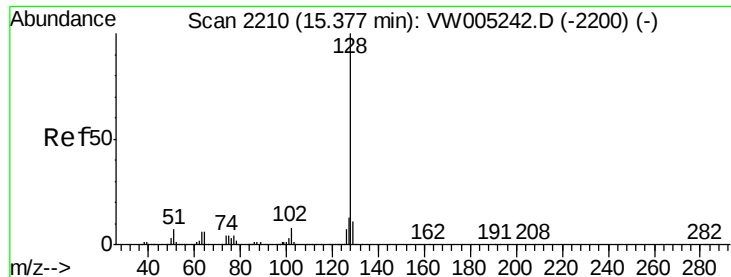
Abundance

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





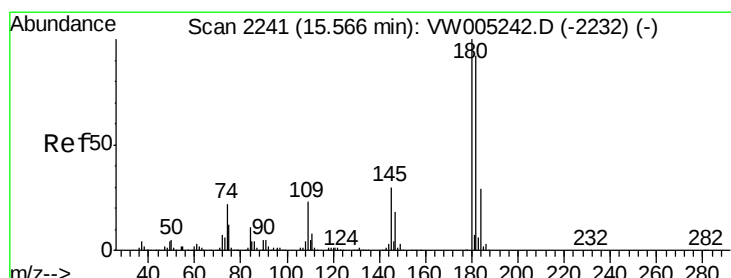
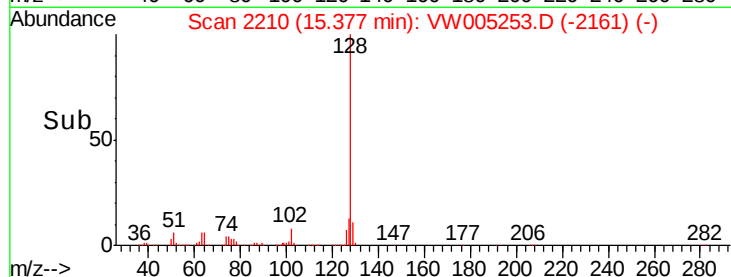
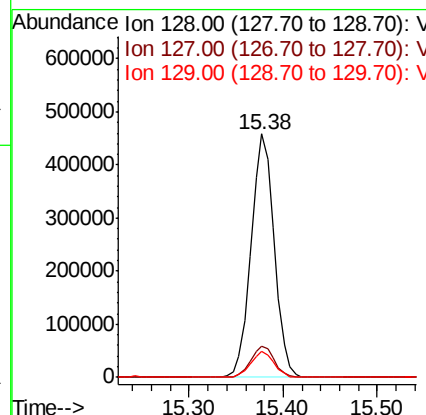
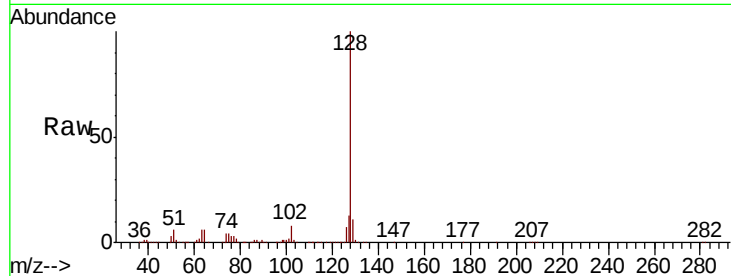
#95
Naphthalene
Concen: 62.58 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.7	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 49.46 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005253.D
Acq: 10 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.2	141.6
145	30.8	15.2	45.6

