

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

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

Manual Integrations
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 9/12/2018 11:13:27 AM

Quant Time: Sep 12 01:50:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	5032	68.43	ug/l	90
3) Chloromethane	2.21	50	5494	55.89	ug/l #	85
4) Vinyl Chloride	2.36	62	6605	73.19	ug/l	90
5) Bromomethane	2.79	94	1866	33.08	ug/l	99
6) Chloroethane	2.93	64	3719	74.81	ug/l	98
7) Trichlorofluoromethane	3.28	101	9404	92.11	ug/l	93
8) Diethyl Ether	3.70	74	1988	54.64	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	4.09	101	6061	83.12	ug/l	96
10) Methyl Iodide	4.29	142	3048	34.72	ug/l #	97
11) Tert butyl alcohol	5.17	59	1516m	290.76	ug/l	
12) 1,1-Dichloroethene	4.05	96	5407	80.53	ug/l	90
13) Acrolein	3.91	56	1109	220.20	ug/l	91
14) Allyl chloride	4.69	41	5808	56.30	ug/l	96
15) Acrylonitrile	5.39	53	4023	245.08	ug/l #	93
16) Acetone	4.13	43	5417	459.03	ug/l	92
17) Carbon Disulfide	4.40	76	16069	68.18	ug/l	97
18) Methyl Acetate	4.68	43	3618m	102.70	ug/l	
19) Methyl tert-butyl Ether	5.43	73	8928	55.83	ug/l #	84
20) Methylene Chloride	4.93	84	5446	62.95	ug/l	98
21) trans-1,2-Dichloroethene	5.44	96	5627	71.78	ug/l #	93
22) Diisopropyl ether	6.31	45	10713	51.58	ug/l	93
23) Vinyl Acetate	6.27	43	16715	144.40	ug/l	96
24) 1,1-Dichloroethane	6.22	63	8848	69.20	ug/l #	96
25) 2-Butanone	7.18	43	4944	265.60	ug/l #	88
26) 2,2-Dichloropropane	7.18	77	4625	41.72	ug/l	93
27) cis-1,2-Dichloroethene	7.18	96	5265	62.75	ug/l	94
28) Bromochloromethane	7.51	49	2666	56.52	ug/l	93
29) Tetrahydrofuran	7.54	42	3176	253.19	ug/l	97
30) Chloroform	7.68	83	8869	69.12	ug/l	91
31) Cyclohexane	7.96	56	8568	62.98	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	8426	72.69	ug/l	99
36) 1,1-Dichloropropene	8.10	75	6710	63.13	ug/l	96
37) Ethyl Acetate	7.26	43	2239	55.38	ug/l #	92
38) Carbon Tetrachloride	8.08	117	7339	73.71	ug/l #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	8668	61.42	ug/l	94
40) Benzene	8.34	78	19115	61.05	ug/l	98
41) Methacrylonitrile	7.51	41	1454	70.10	ug/l #	81
42) 1,2-Dichloroethane	8.41	62	4587	61.23	ug/l	96
43) Isopropyl Acetate	8.43	43	4182	55.71	ug/l #	97
44) Trichloroethene	9.10	130	5129	59.71	ug/l	96
45) 1,2-Dichloropropane	9.37	63	4484	59.58	ug/l	90
46) Dibromomethane	9.46	93	1974	53.58	ug/l	94
47) Bromodichloromethane	9.65	83	5084	56.41	ug/l #	95
48) Methyl methacrylate	9.45	41	1393	35.74	ug/l #	95
49) 1,4-Dioxane	9.45	88	522	758.91	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	9405	222.62	ug/l	94
52) Toluene	10.40	92	9665	42.47	ug/l	95
53) t-1,3-Dichloropropene	10.61	75	2191	22.50	ug/l #	84
54) cis-1,3-Dichloropropene	10.08	75	3498	29.99	ug/l #	91
55) 1,1,2-Trichloroethane	10.79	97	3773	64.23	ug/l	92
56) Ethyl methacrylate	10.65	69	2326	31.23	ug/l #	76
57) 1,3-Dichloropropane	10.94	76	4730	48.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1732	53.51	ug/l	100
59) 2-Hexanone	10.98	43	6180	202.91	ug/l	74
60) Dibromochloromethane	11.13	129	3029	46.47	ug/l	90
61) 1,2-Dibromoethane	11.24	107	2021	37.52	ug/l #	74
64) Tetrachloroethene	10.87	164	5513	78.46	ug/l	95
65) Chlorobenzene	11.66	112	10103	48.70	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.74	131	4147	66.94	ug/l	95
67) Ethyl Benzene	11.74	91	19032	52.67	ug/l	96
68) m/p-Xylenes	11.85	106	14982	102.90	ug/l	93
69) o-Xylene	12.17	106	6757	49.88	ug/l	93
70) Styrene	12.19	104	7183	32.50	ug/l	92
71) Bromoform	12.35	173	1650	49.12	ug/l #	99
73) Isopropylbenzene	12.47	105	32062	89.40	ug/l	99
74) N-amyl acetate	12.26	43	21177	310.35	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.72	83	4127	76.57	ug/l	72
76) 1,2,3-Trichloropropane	12.77	75	2672m	68.44	ug/l	
77) Bromobenzene	12.75	156	3647	43.16	ug/l	93
78) n-propylbenzene	12.81	91	59768	138.76	ug/l	99
79) 2-Chlorotoluene	12.90	91	29072m	117.70	ug/l	
80) 1,3,5-Trimethylbenzene	12.95	105	117056	383.30	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	191	11.47	ug/l #	16
82) 4-Chlorotoluene	12.99	91	10833	41.72	ug/l	89
83) tert-Butylbenzene	13.21	119	20335	76.13	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	382750	1247.20	ug/l	99
85) sec-Butylbenzene	13.39	105	49896	129.98	ug/l	87
86) p-Isopropyltoluene	13.51	119	49794	146.53	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	5797	32.67	ug/l #	31
88) 1,4-Dichlorobenzene	13.59	146	4754	27.28	ug/l #	29
89) n-Butylbenzene	13.83	91	43990	137.71	ug/l #	77
90) Hexachloroethane	14.10	117	10374	190.55	ug/l #	32
91) 1,2-Dichlorobenzene	13.88	146	5493	35.22	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.46	75	1105m	123.28	ug/l	

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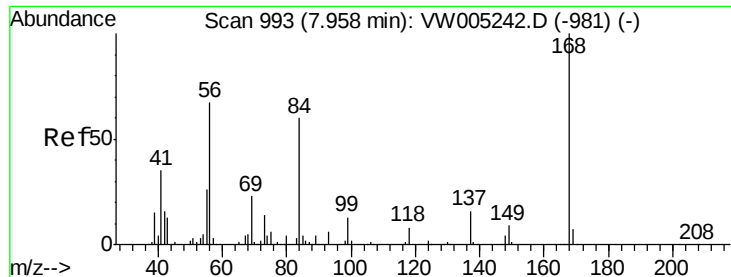
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	687	6.23	ug/l #	83
94) Hexachlorobutadiene	15.24	225	1272	18.01	ug/l	93
95) Naphthalene	15.38	128	11310	63.24	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	358	3.77	ug/l #	75

(#) = 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: VW005282.D

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Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:168 Resp: 8524

Ion Ratio Lower Upper

168 100

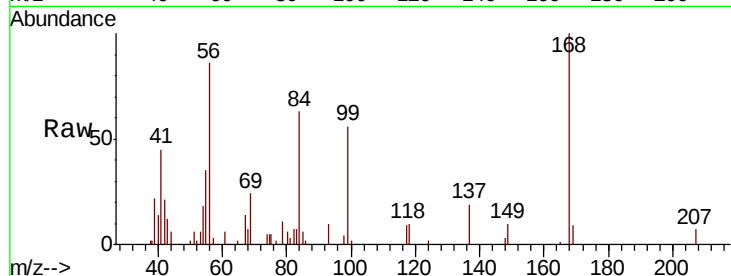
99 56.2 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

4000

3000

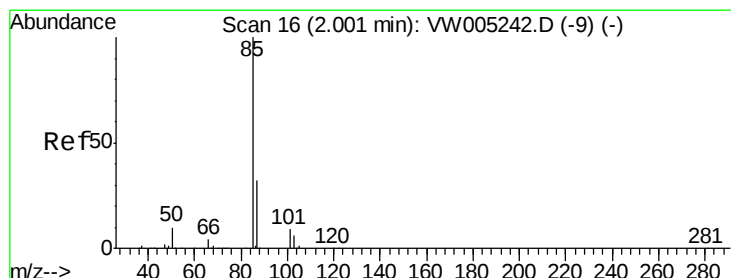
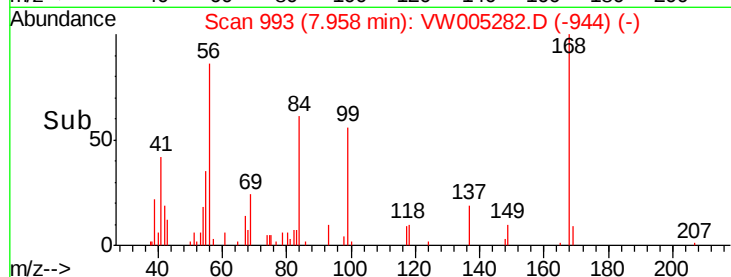
2000

1000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 68.43 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005282.D

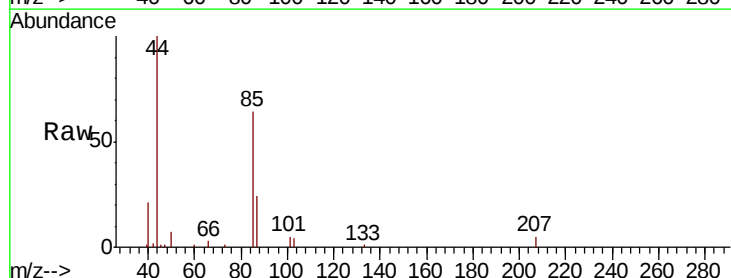
Acq: 11 Sep 2018 18:01

Tgt Ion: 85 Resp: 5032

Ion Ratio Lower Upper

85 100

87 37.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

4000

3000

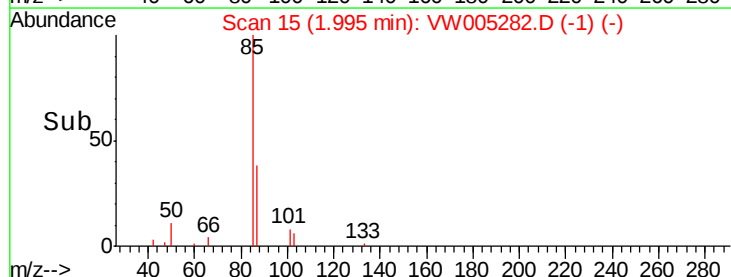
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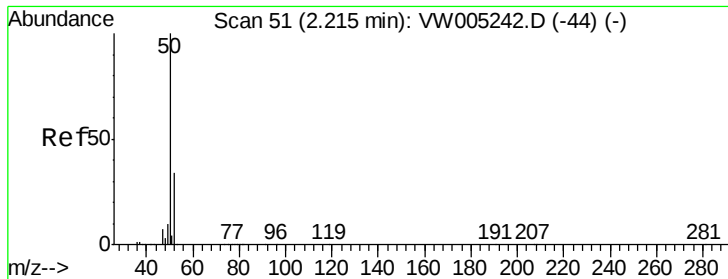
1000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 55.89 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 50 Resp: 5494

Ion Ratio Lower Upper

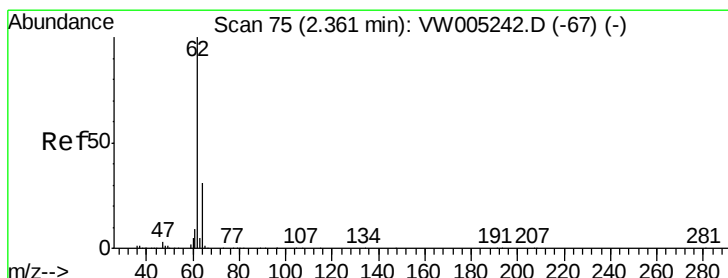
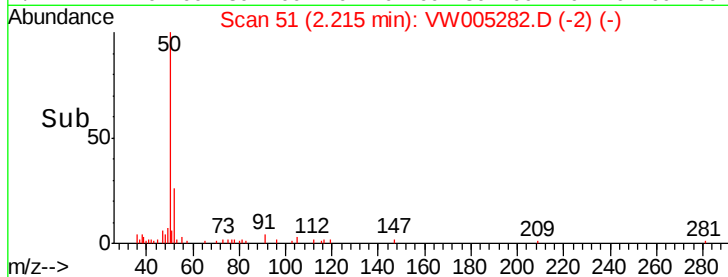
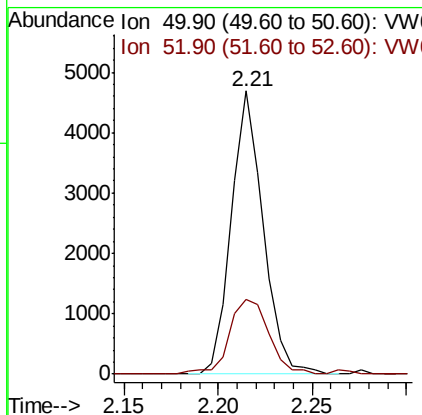
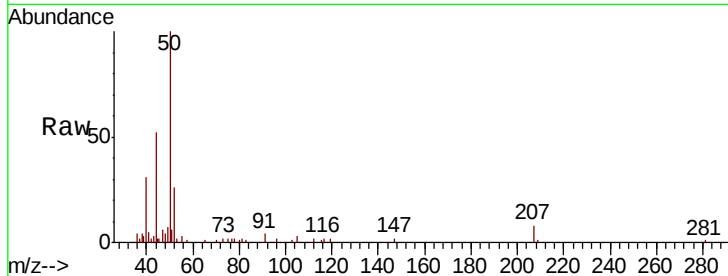
50 100

52 25.2 27.0 40.4#

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#4

Vinyl Chloride

Concen: 73.19 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005282.D

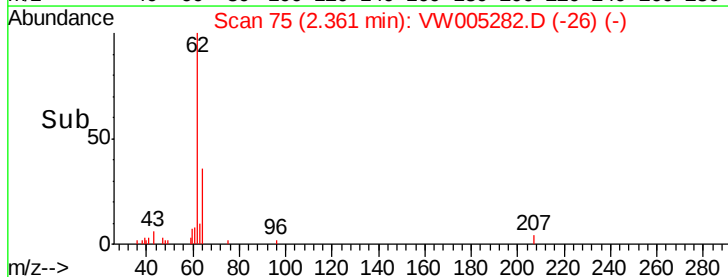
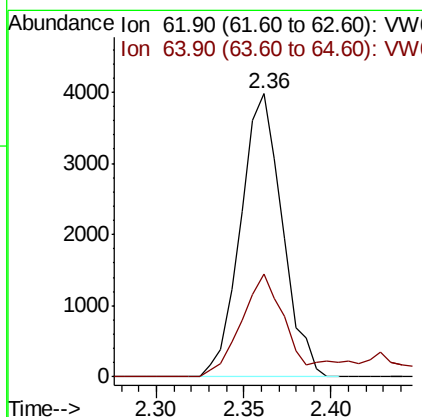
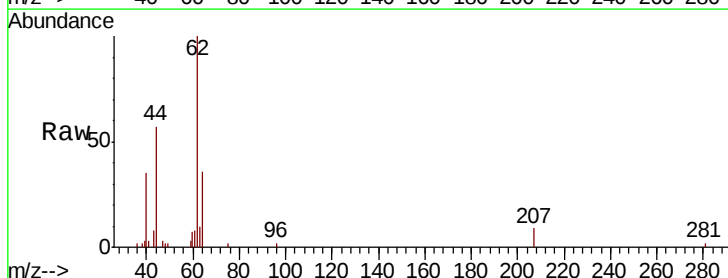
Acq: 11 Sep 2018 18:01

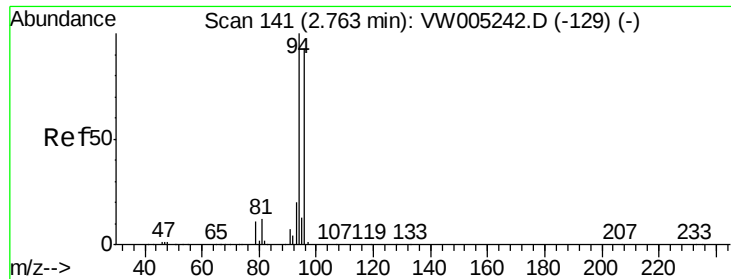
Tgt Ion: 62 Resp: 6605

Ion Ratio Lower Upper

62 100

64 36.2 24.6 37.0





#5

Bromomethane

Concen: 33.08 ug/l

RT: 2.79 min Scan# 146

Delta R.T. 0.03 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

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Tot Ion: 94 Resp: 1866

Ion Ratio Lower Upper

94 100

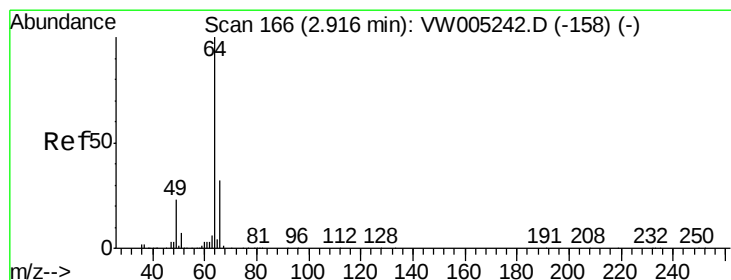
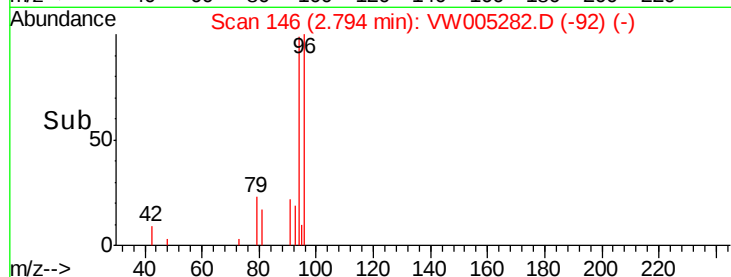
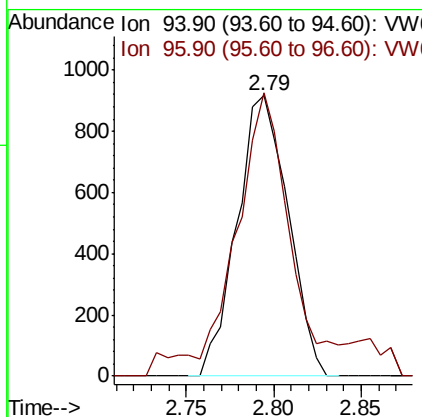
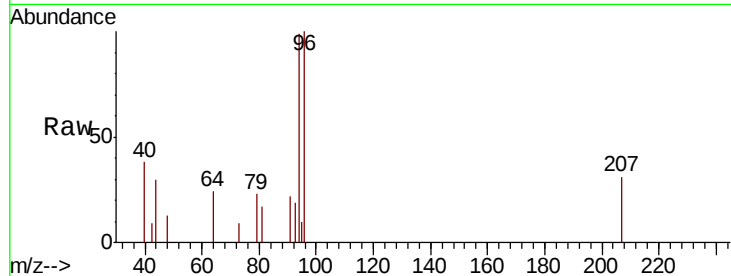
96 93.3 74.1 111.1

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#6

Chloroethane

Concen: 74.81 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.02 min

Lab File: VW005282.D

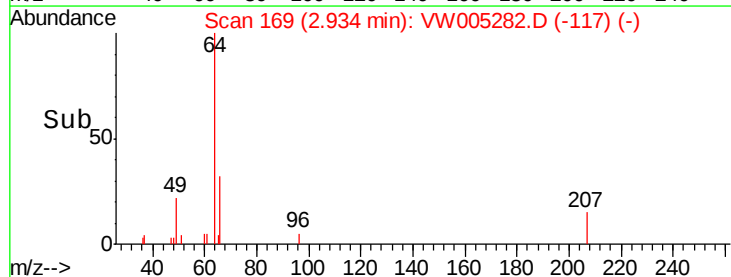
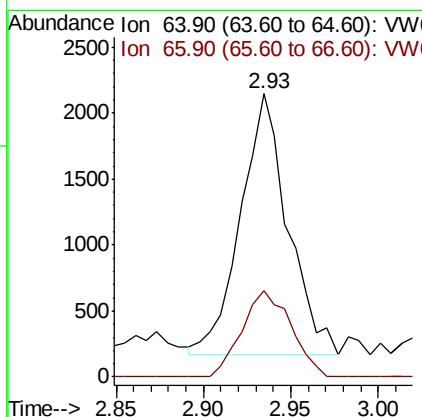
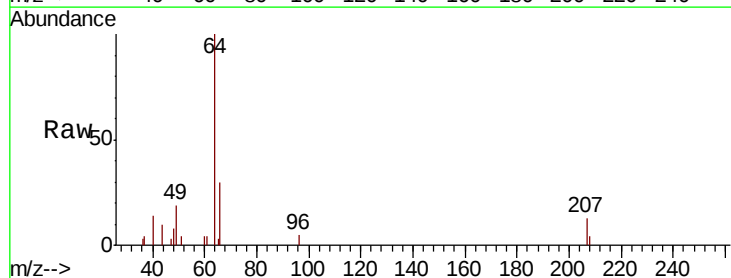
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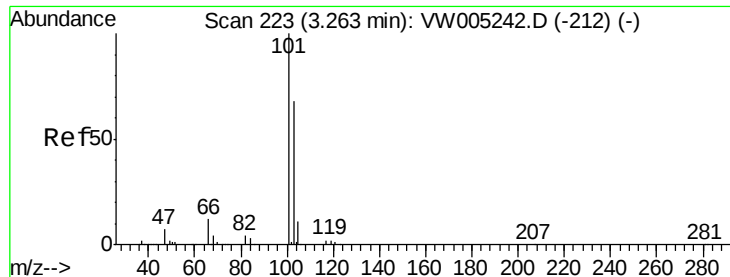
Tgt Ion: 64 Resp: 3719

Ion Ratio Lower Upper

64 100

66 32.9 25.3 37.9





#7

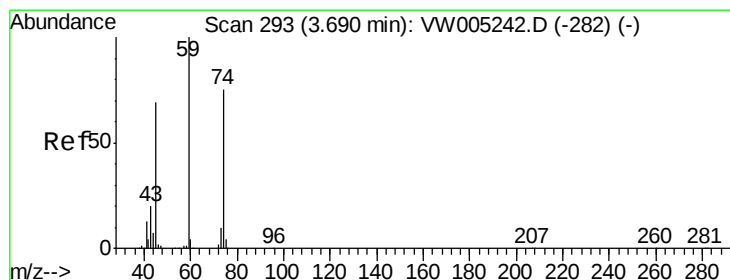
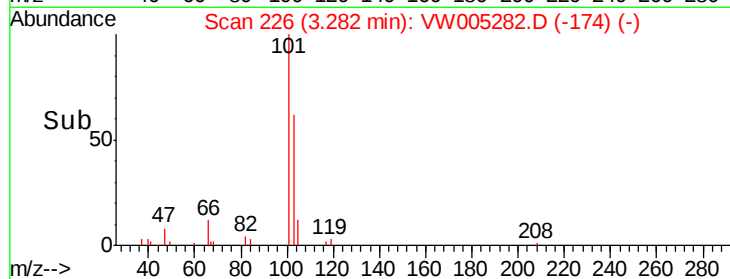
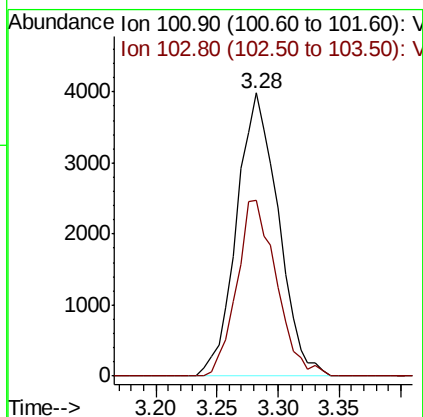
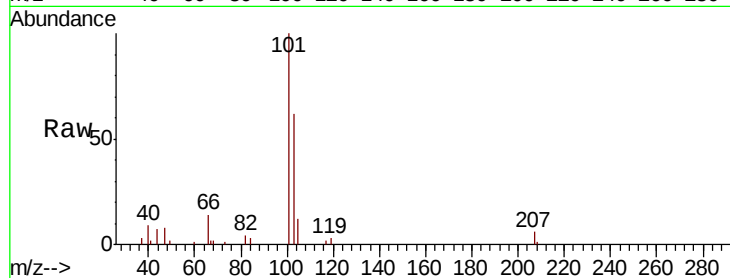
Trichlorofluoromethane
Concen: 92.11 ug/l
RT: 3.28 min Scan# 226
Delta R.T. 0.02 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	54.1	81.1

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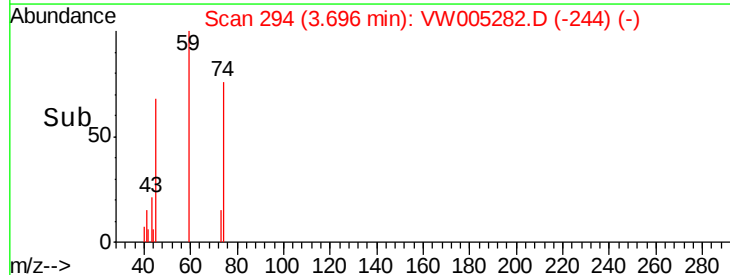
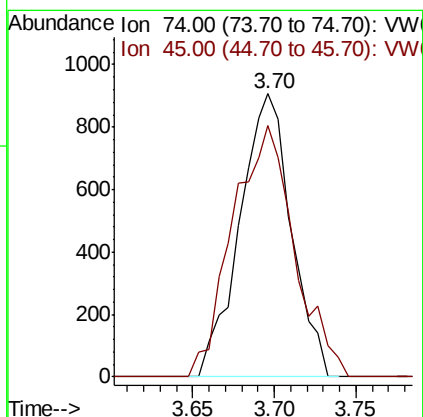
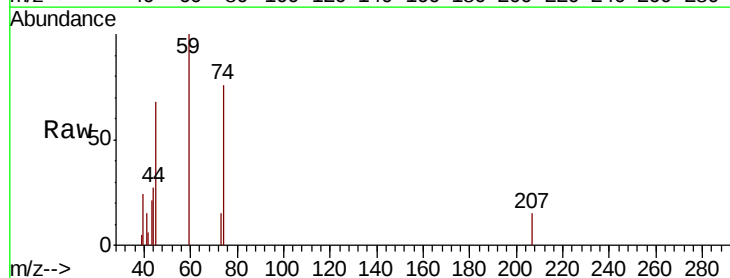
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9/12/2018 11:13:27 AM

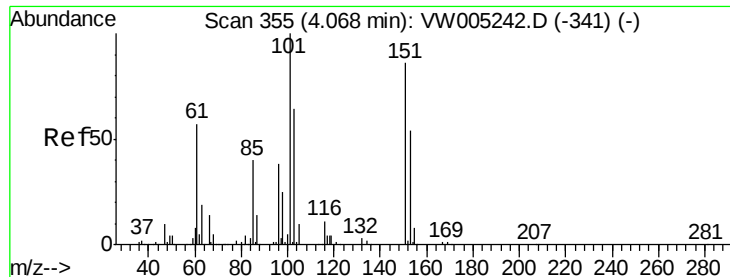


#8

Diethyl Ether
Concen: 54.64 ug/l
RT: 3.70 min Scan# 294
Delta R.T. 0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.7	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 83.12 ug/l

RT: 4.09 min Scan# 358

Delta R.T. 0.02 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

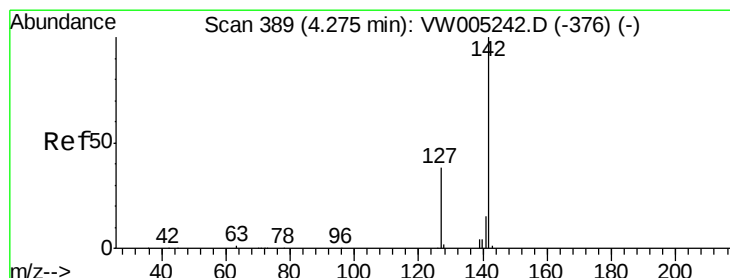
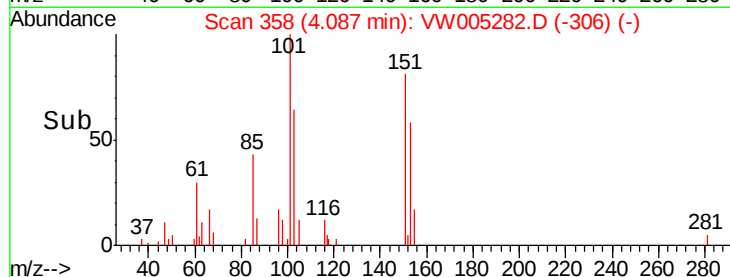
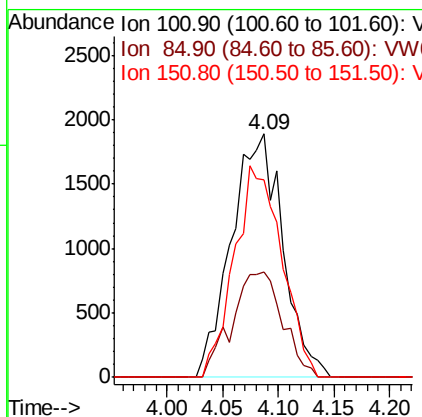
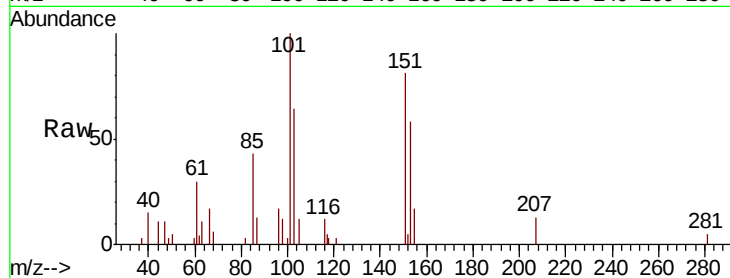
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:	101	Resp:	6061
Ion Ratio	Lower	Upper	
101	100		
85	42.6	32.7	49.1
151	80.5	67.6	101.4

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#10

Methyl Iodide

Concen: 34.72 ug/l

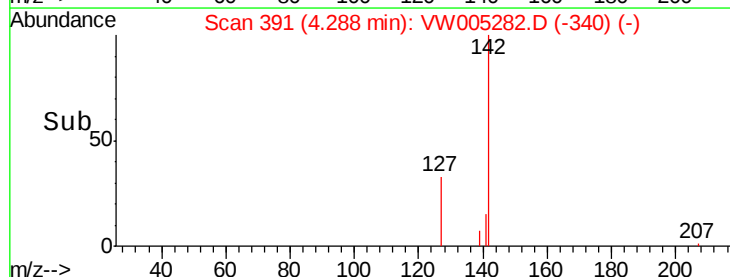
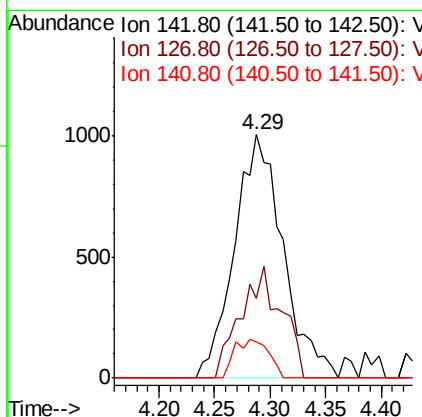
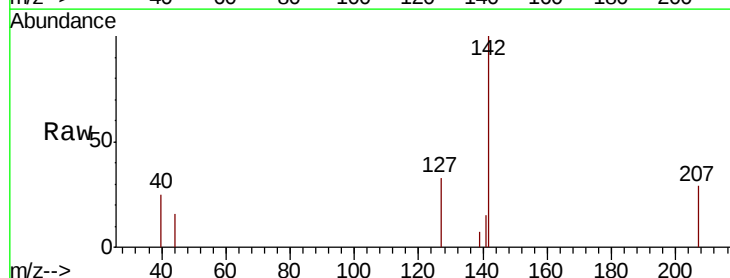
RT: 4.29 min Scan# 391

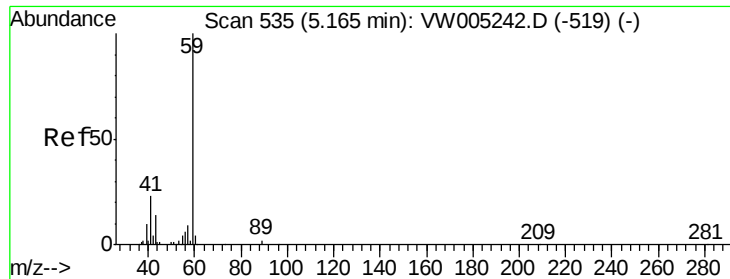
Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Tgt Ion:	142	Resp:	3048
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.3	45.5
141	11.2	11.4	17.0#





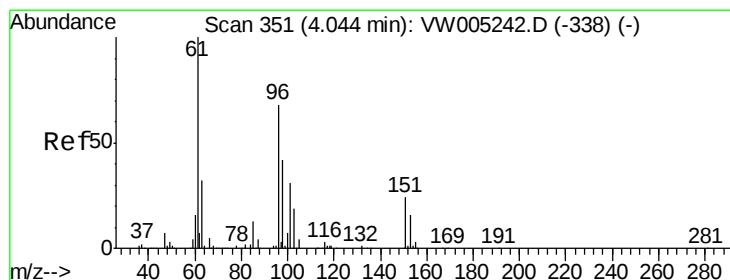
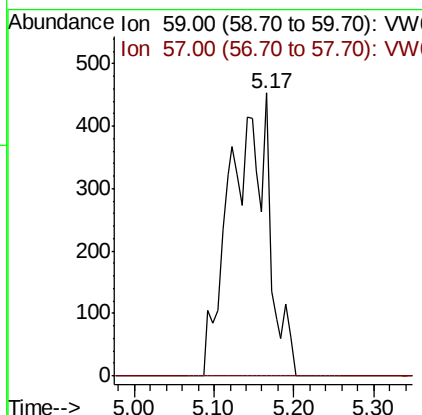
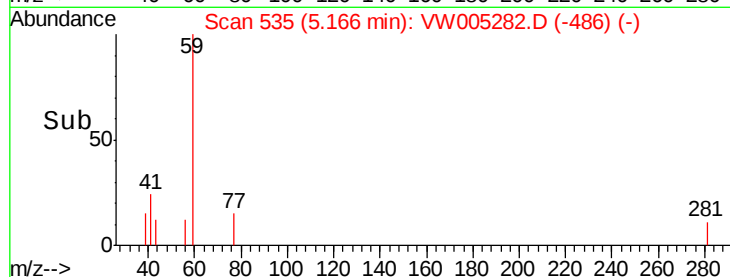
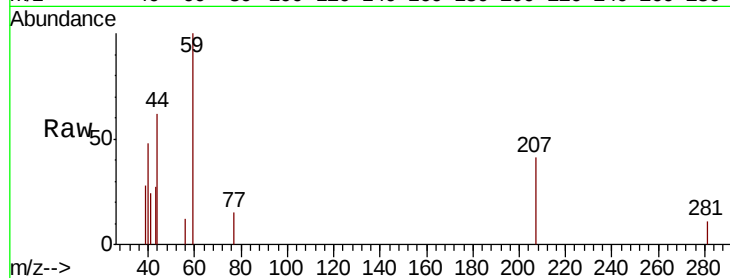
#11
Tert butyl alcohol
Concen: 290.76 ug/l m
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#

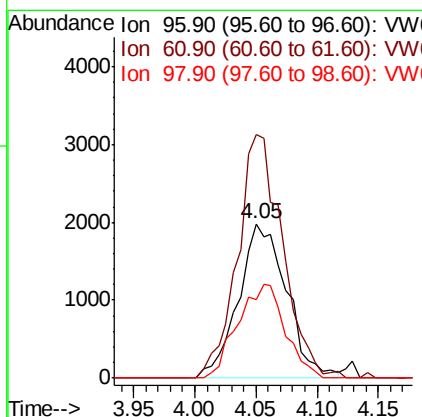
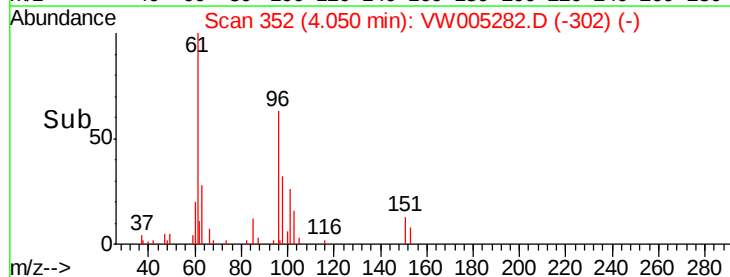
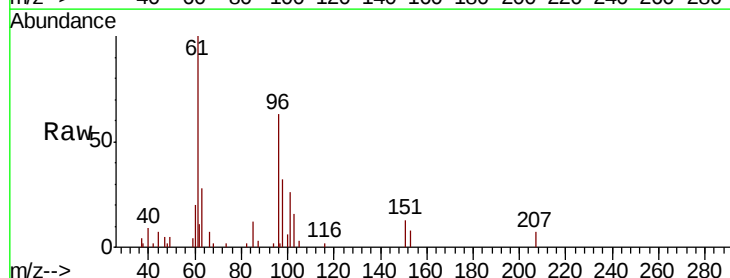
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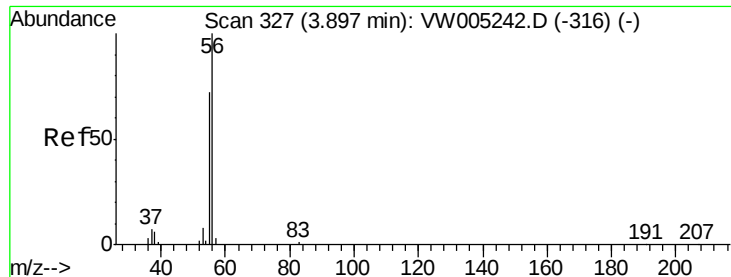
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#12
1,1-Dichloroethene
Concen: 80.53 ug/l
RT: 4.05 min Scan# 352
Delta R.T. 0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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





#13

Acrolein

Concen: 220.20 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 56 Resp: 1109

Ion Ratio Lower Upper

56 100

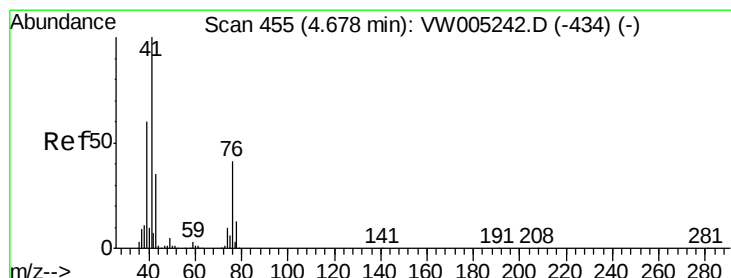
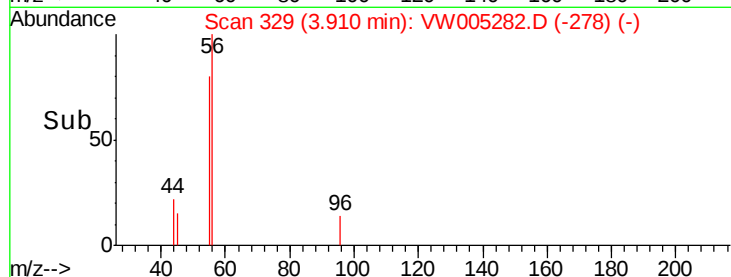
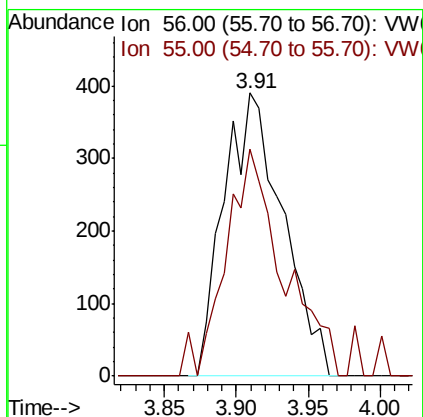
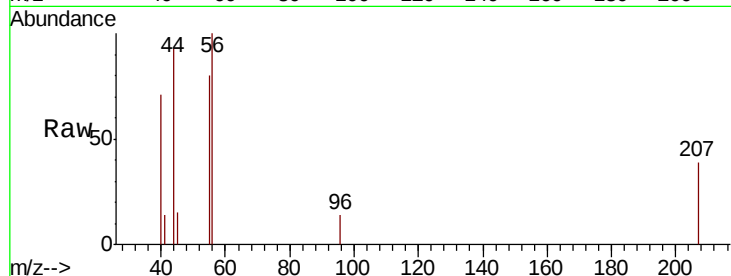
55 78.4 56.8 85.2

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#14

Allyl chloride

Concen: 56.30 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

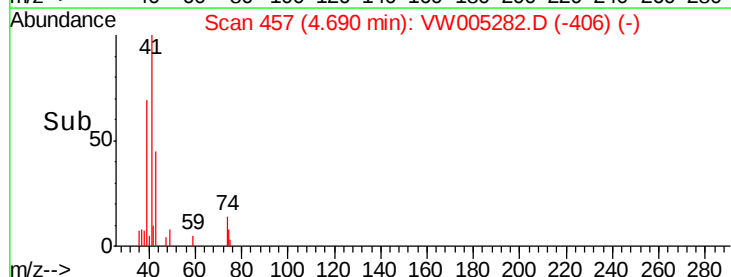
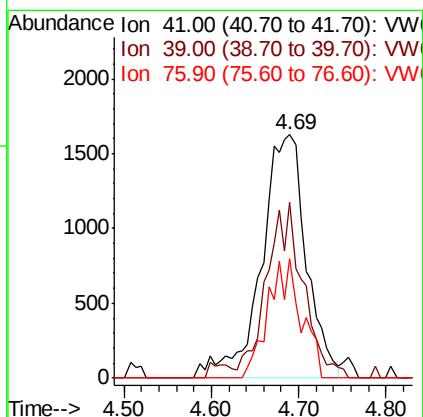
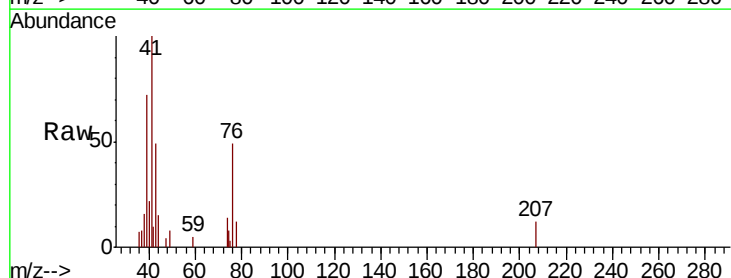
Tgt Ion: 41 Resp: 5808

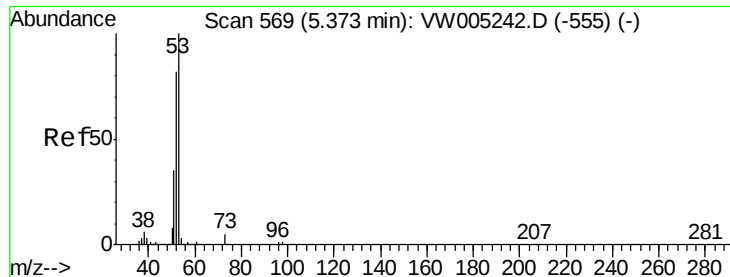
Ion Ratio Lower Upper

41 100

39 58.6 48.2 72.4

76 35.9 31.7 47.5





#15

Acrylonitrile

Concen: 245.08 ug/l

RT: 5.39 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

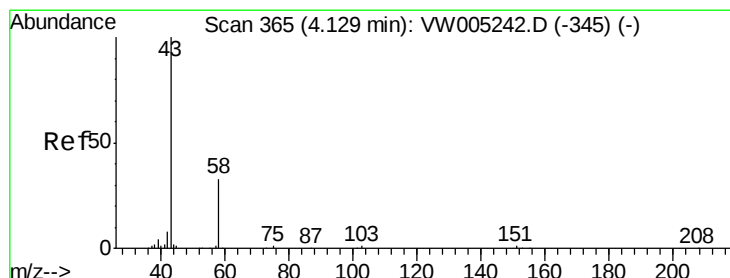
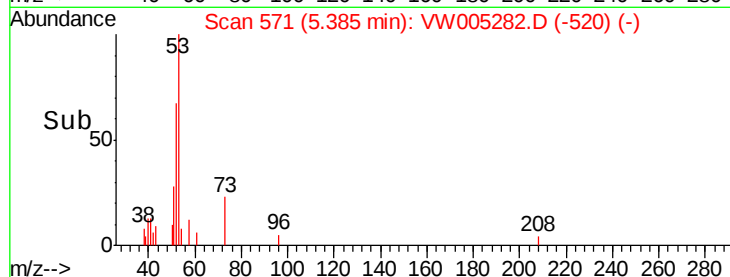
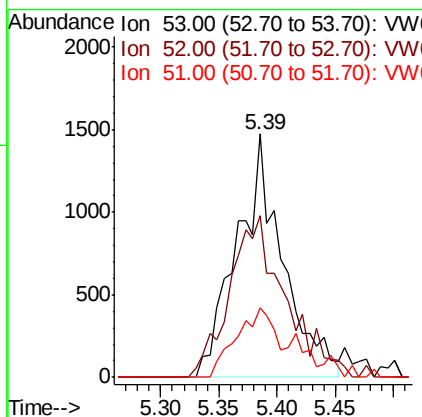
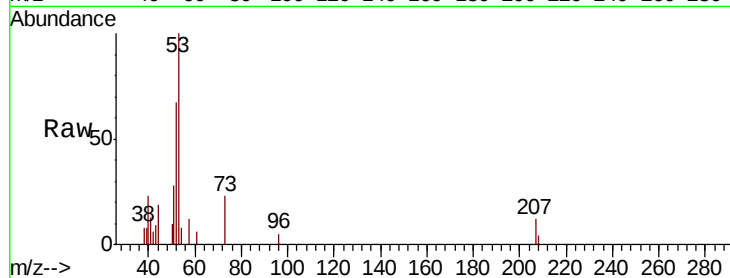
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:	53	Resp:	4023
Ion	Ratio	Lower	Upper
53	100		
52	80.7	66.0	99.0
51	25.5	28.6	43.0#

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#16

Acetone

Concen: 459.03 ug/l

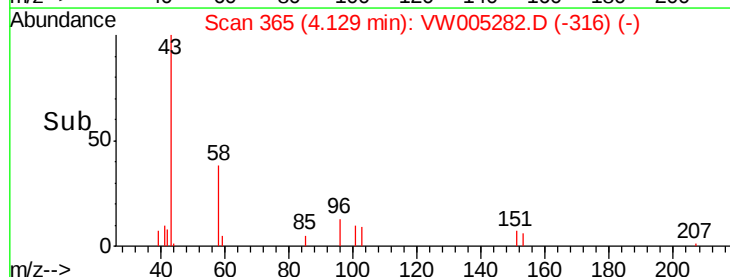
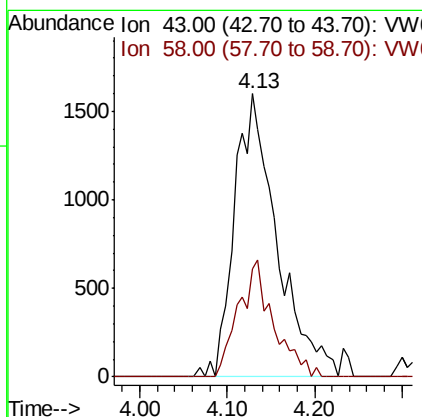
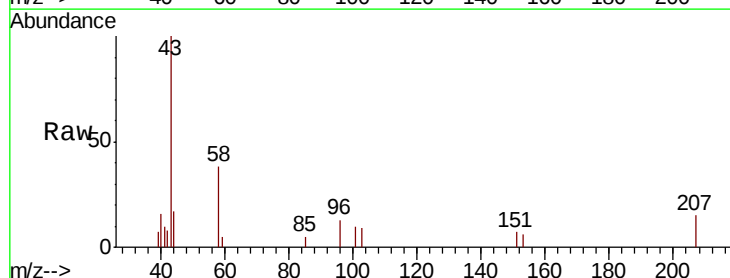
RT: 4.13 min Scan# 365

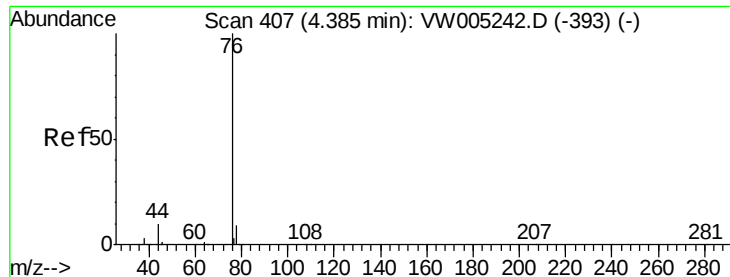
Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Tgt Ion:	43	Resp:	5417
Ion	Ratio	Lower	Upper
43	100		
58	38.1	26.7	40.1





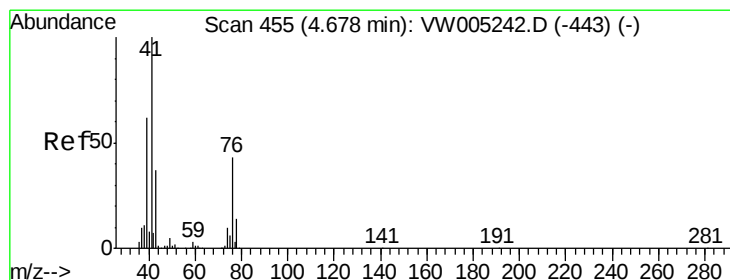
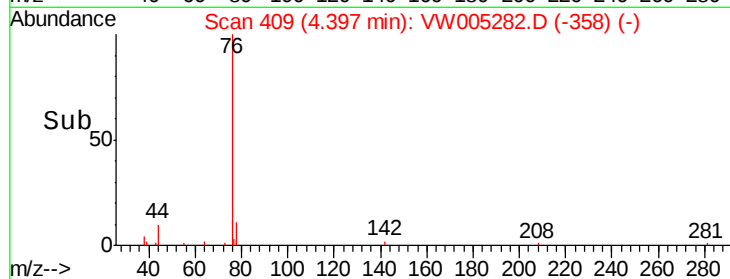
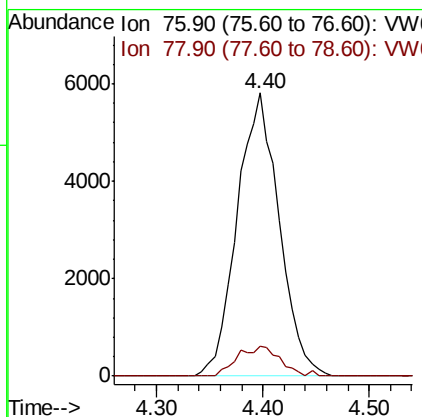
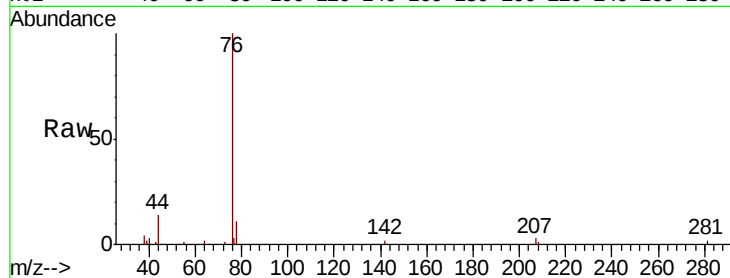
#17
Carbon Disulfide
Concen: 68.18 ug/l
RT: 4.40 min Scan# 409
Delta R.T. 0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.5	11.3

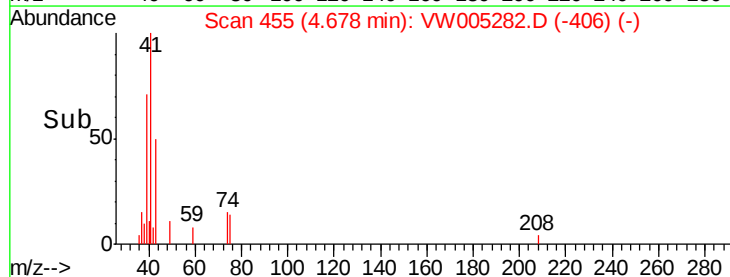
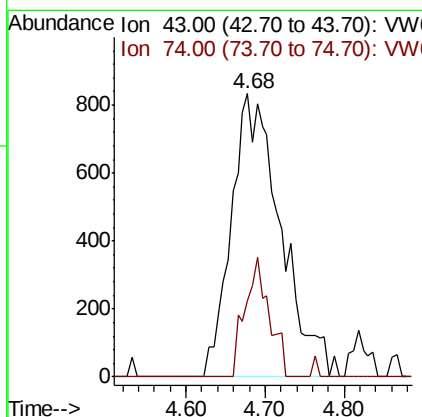
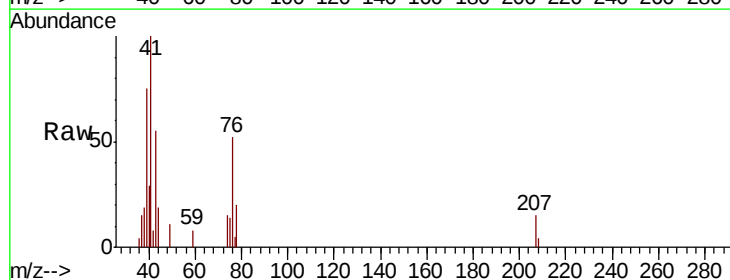
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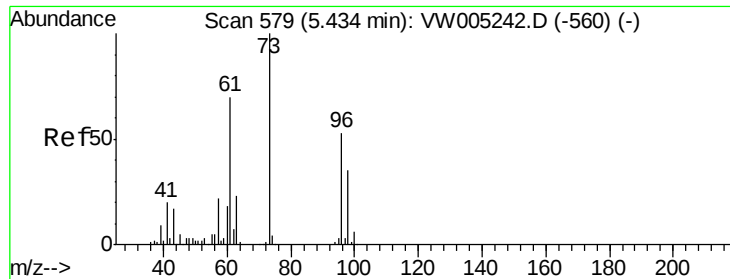
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#18
Methyl Acetate
Concen: 102.70 ug/l m
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	21.4	32.2#





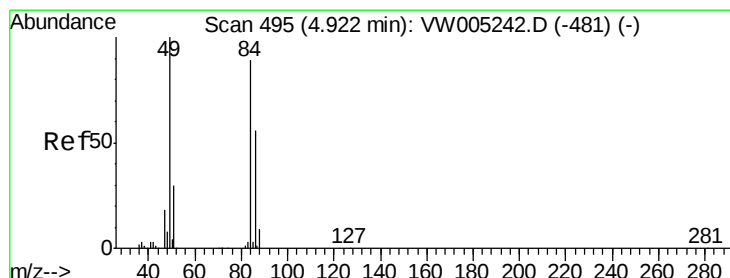
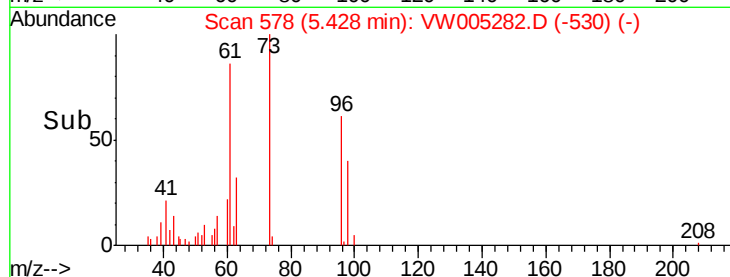
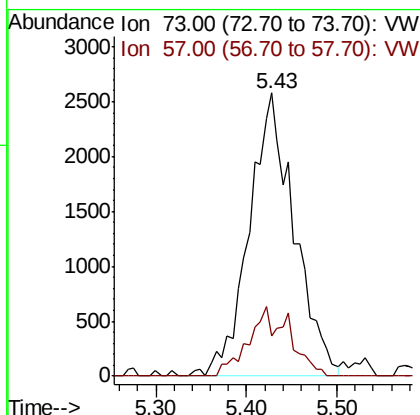
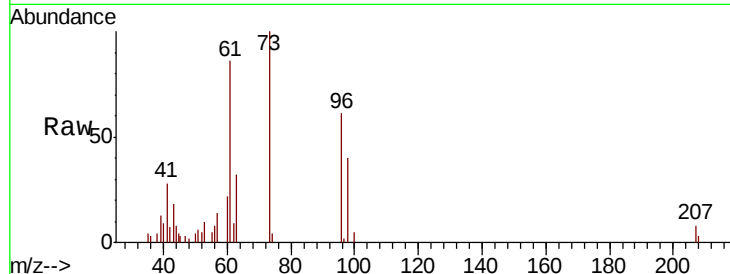
#19
Methvl tert-butvl Ether
Concen: 55.83 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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

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

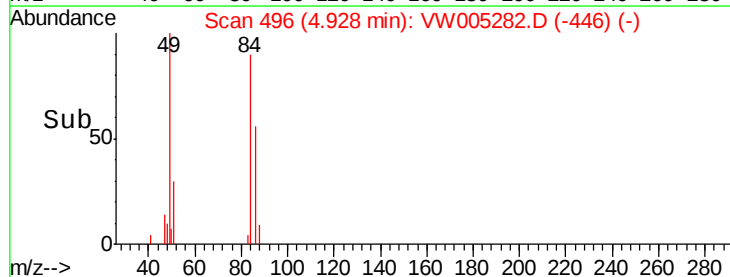
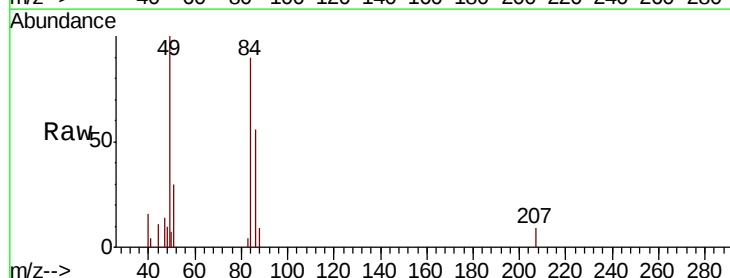
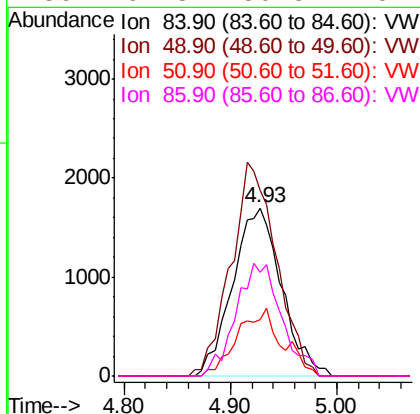
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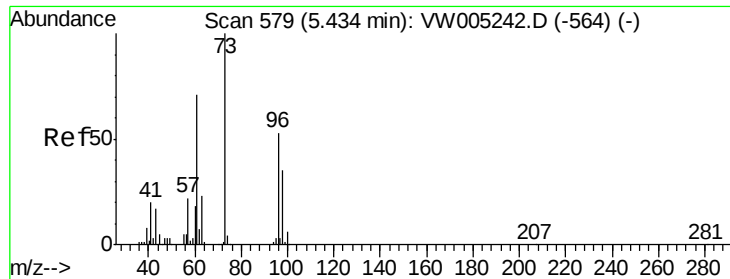
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#20
Methylene Chloride
Concen: 62.95 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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





#21

trans-1,2-Dichloroethene

Concen: 71.78 ug/l

RT: 5.44 min Scan# 580

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

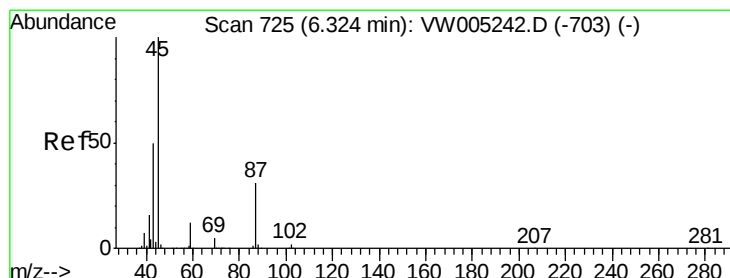
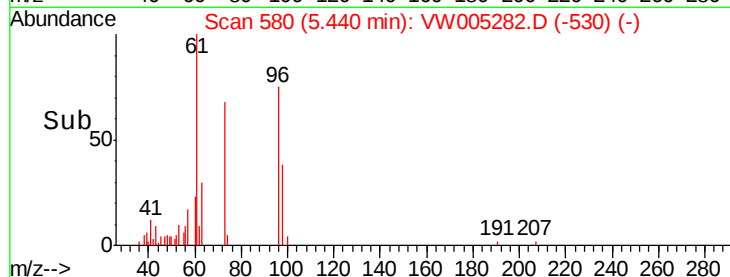
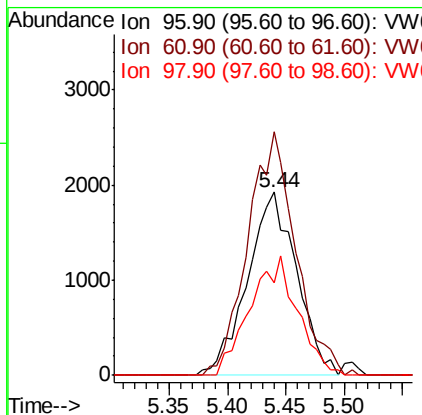
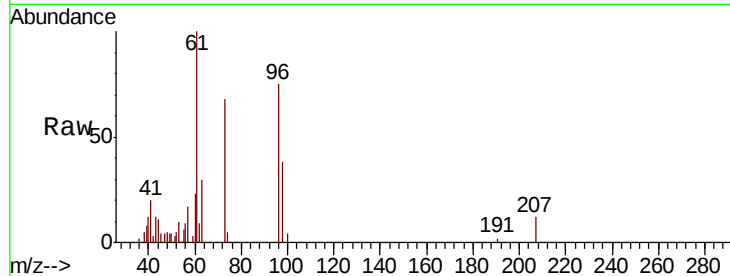
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:	96	Resp:	5627
Ion	Ratio	Lower	Upper
96	100		
61	132.9	105.7	158.5
98	50.8	52.8	79.2#

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#22

Diisopropyl ether

Concen: 51.58 ug/l

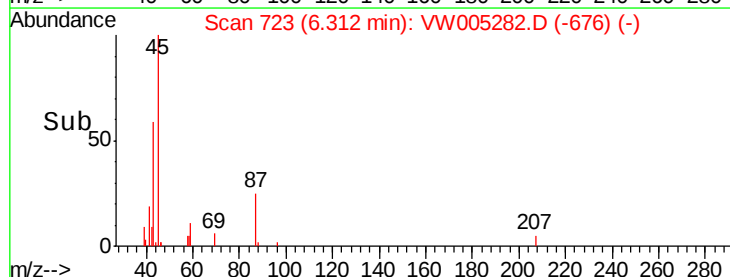
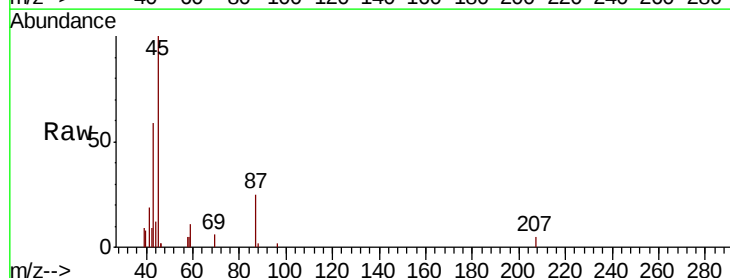
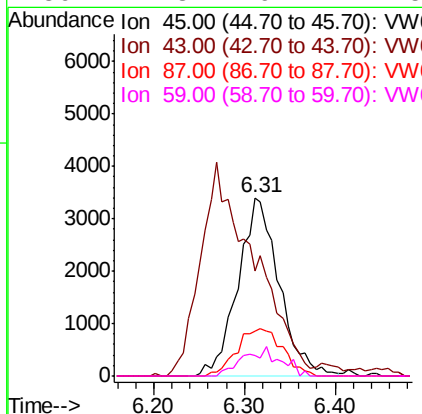
RT: 6.31 min Scan# 723

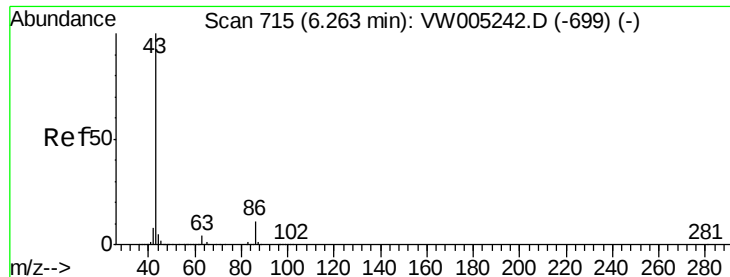
Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Tgt Ion:	45	Resp:	10713
Ion	Ratio	Lower	Upper
45	100		
43	53.6	39.6	59.4
87	25.1	24.7	37.1
59	11.3	9.7	14.5





#23

Vinyl Acetate

Concen: 144.40 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 43 Resp: 16715

Ion Ratio Lower Upper

43 100

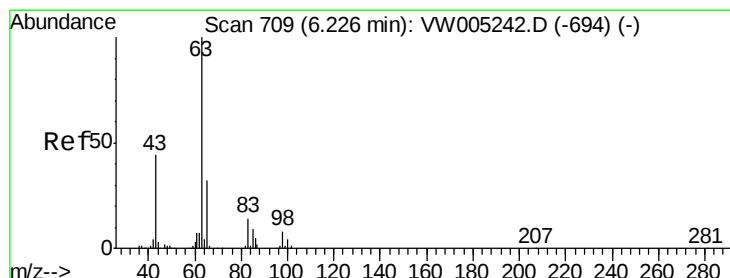
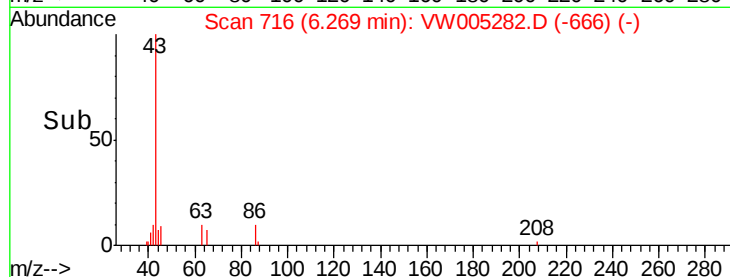
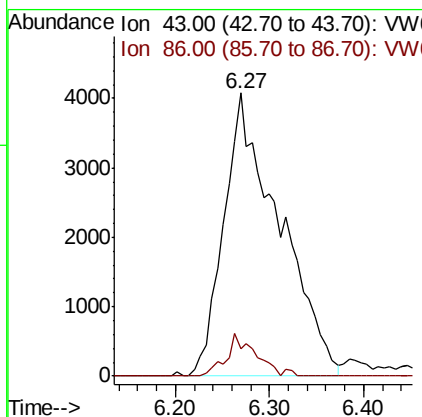
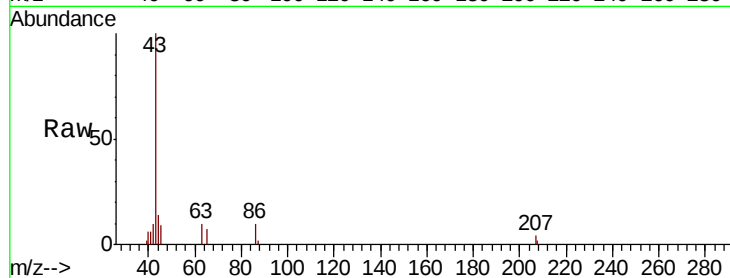
86 9.7 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 69.20 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

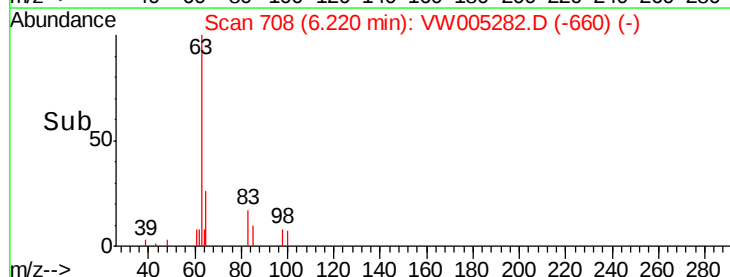
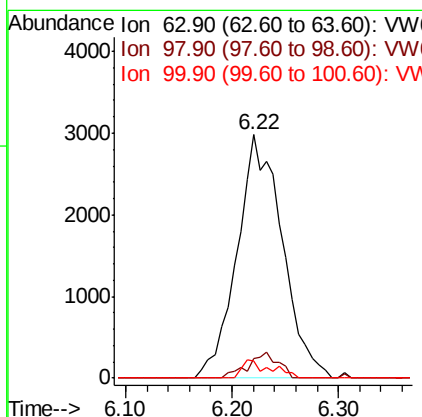
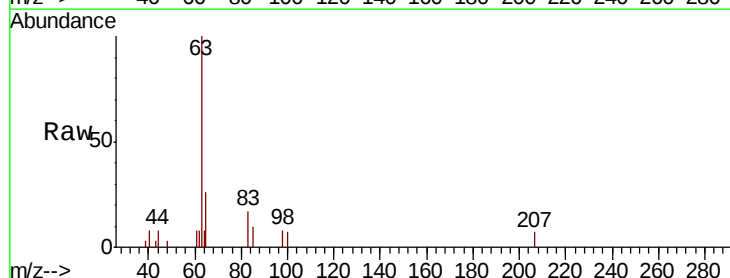
Tgt Ion: 63 Resp: 8848

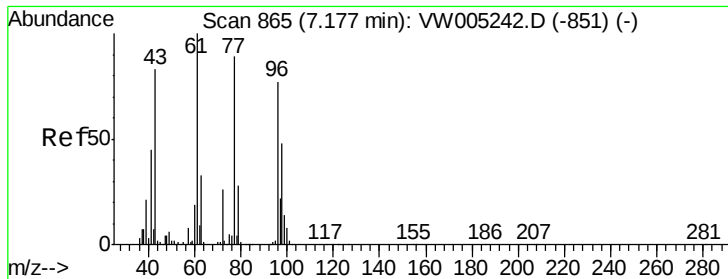
Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.4

100 7.2 2.2 6.6#





#25

2-Butanone

Concen: 265.60 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 43 Resp: 4944

Ion Ratio Lower Upper

43 100

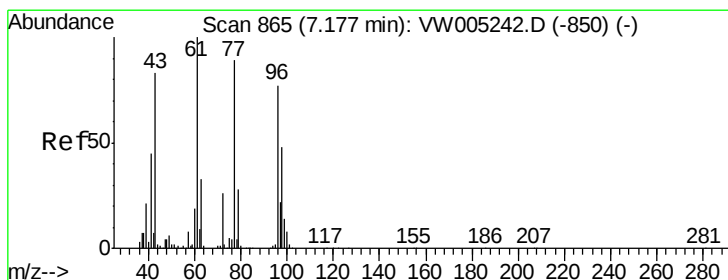
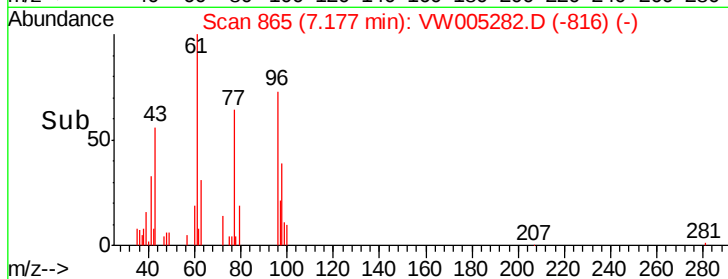
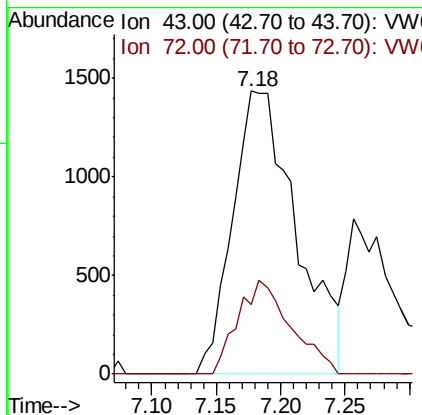
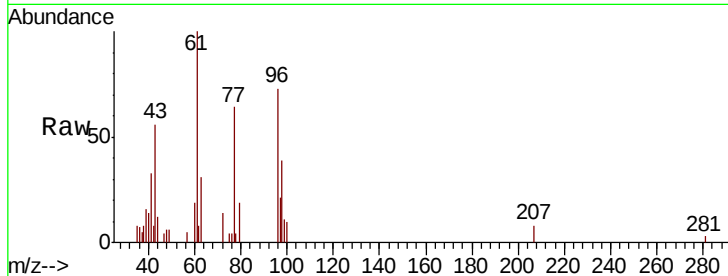
72 24.5 25.0 37.6#

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#26

2,2-Dichloropropane

Concen: 41.72 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005282.D

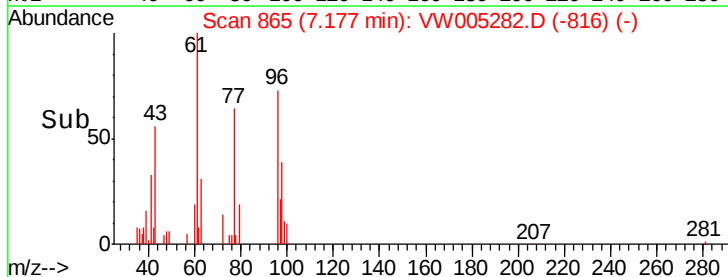
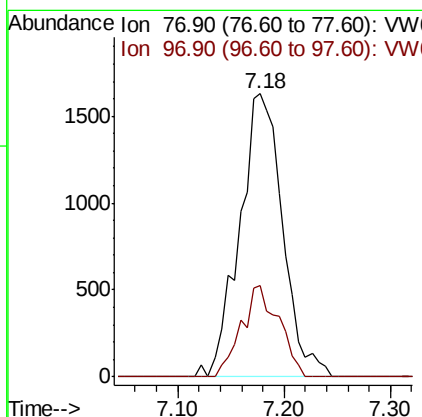
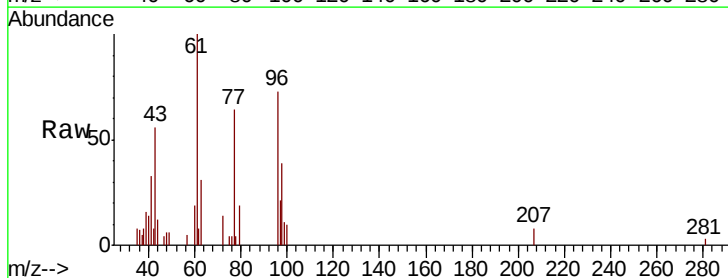
Acq: 11 Sep 2018 18:01

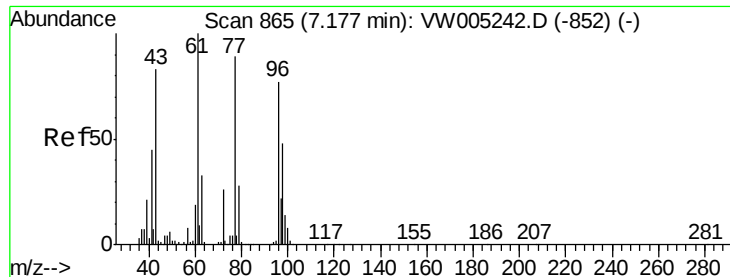
Tgt Ion: 77 Resp: 4625

Ion Ratio Lower Upper

77 100

97 28.0 12.2 36.6





#27

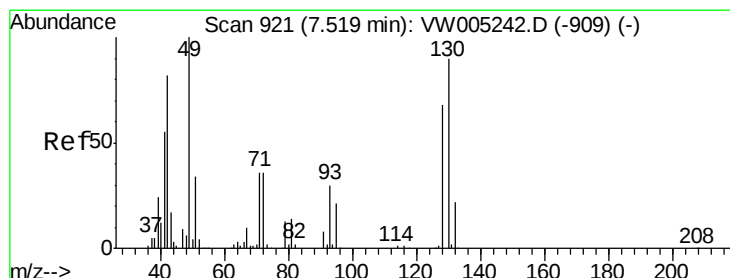
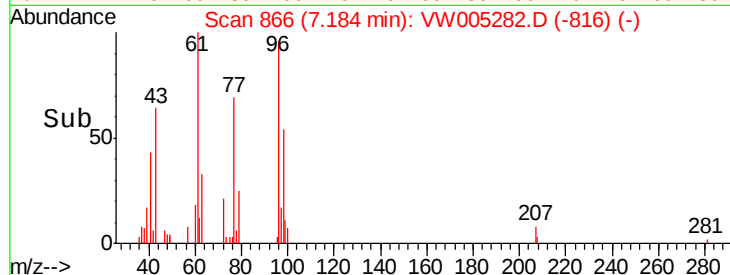
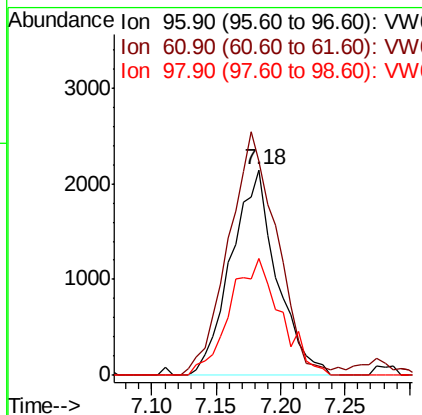
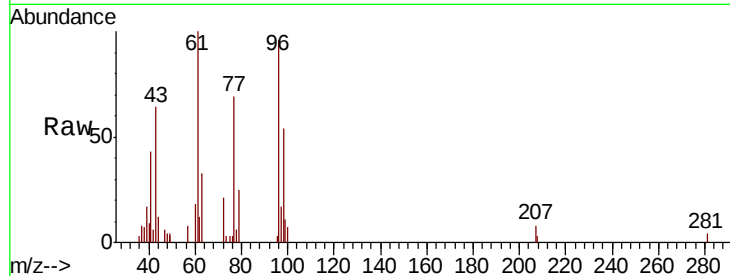
cis-1,2-Dichloroethene
 Concen: 62.75 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	273.4
98	63.3	0.0	127.8

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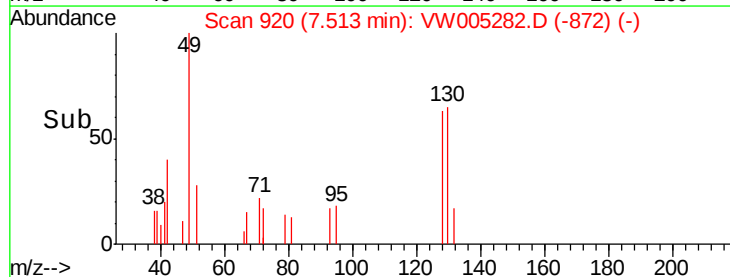
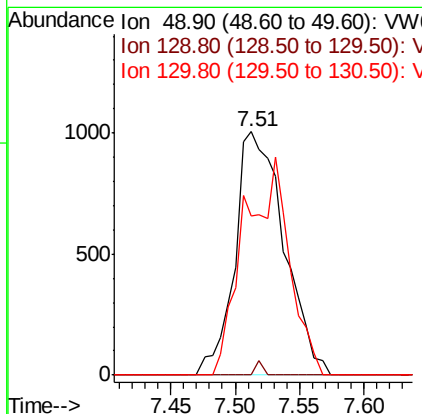
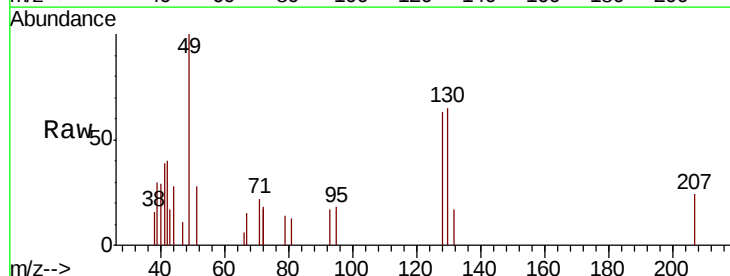
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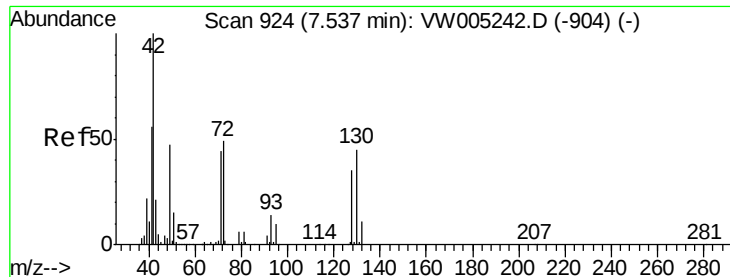


#28

Bromochloromethane
 Concen: 56.52 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

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





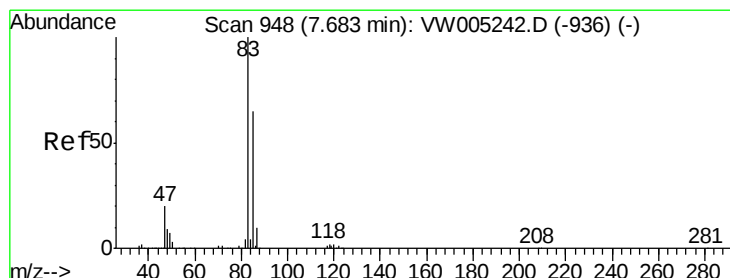
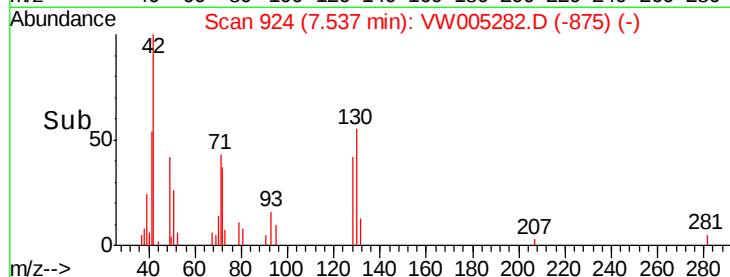
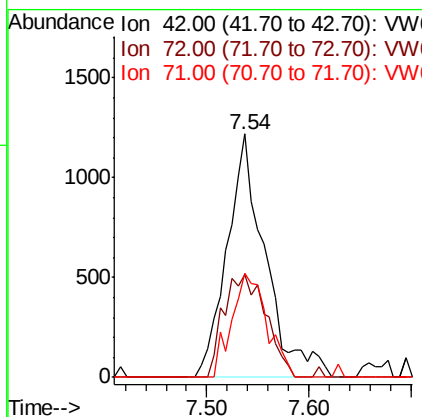
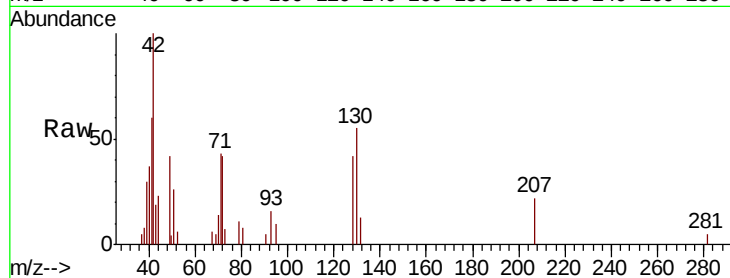
#29
Tetrahydrofuran
Concen: 253.19 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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

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

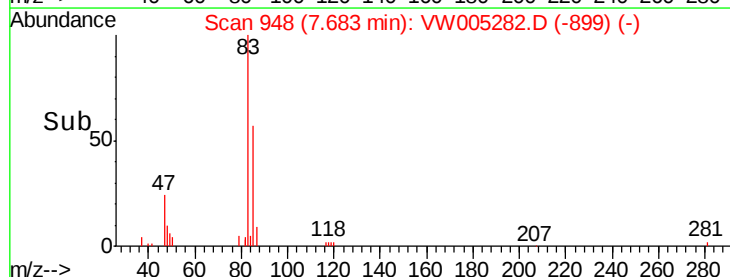
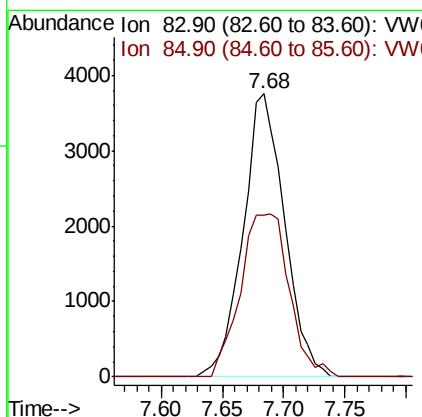
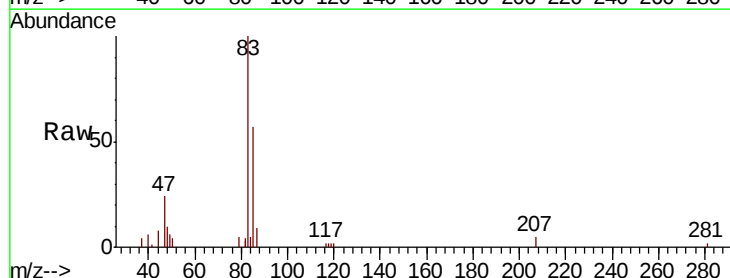
Manual Integrations
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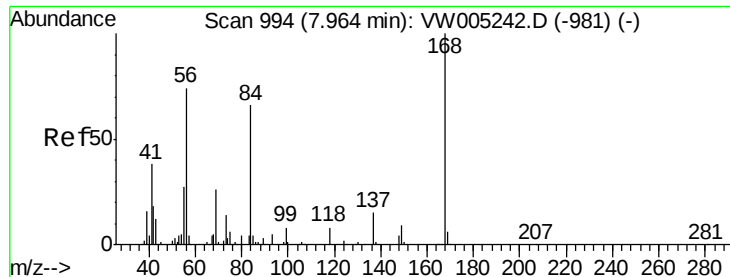
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#30
Chloroform
Concen: 69.12 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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





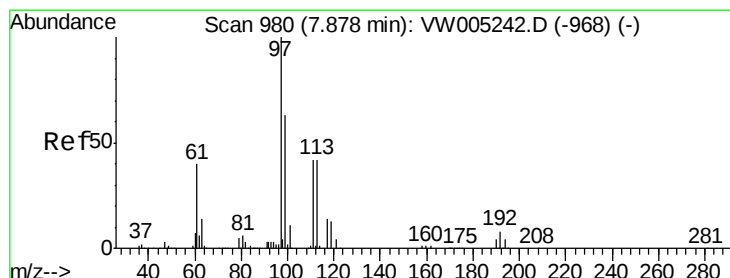
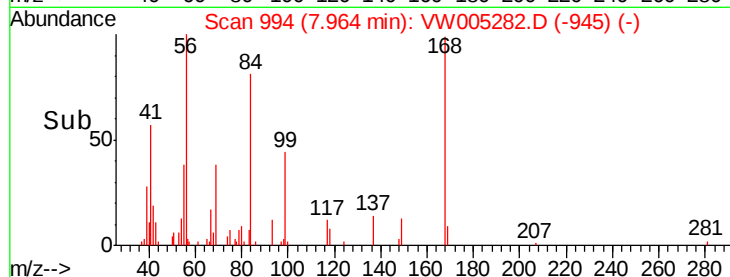
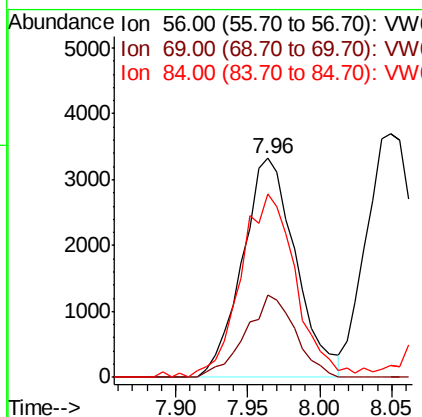
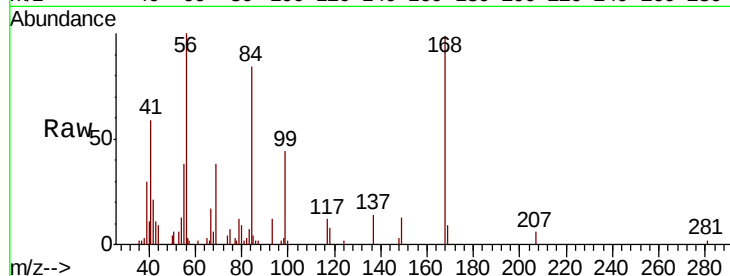
#31
Cyclohexane
Concen: 62.98 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.5	27.8	41.8
84	83.7	72.1	108.1

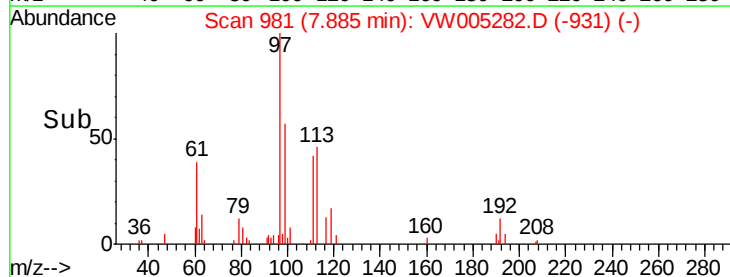
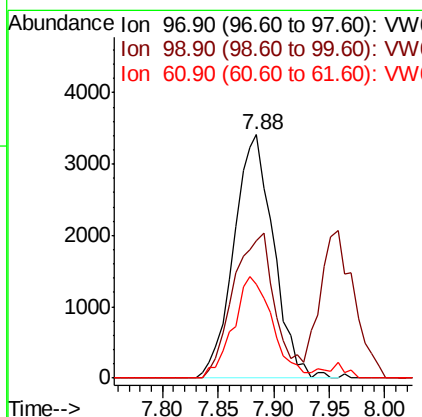
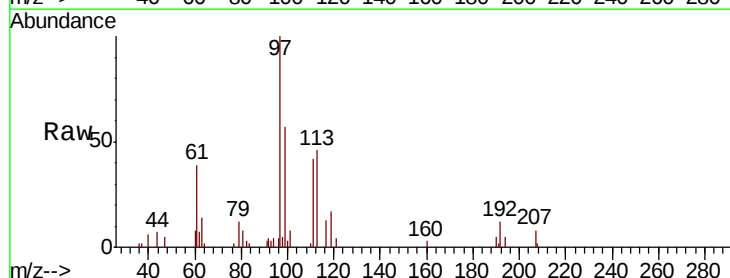
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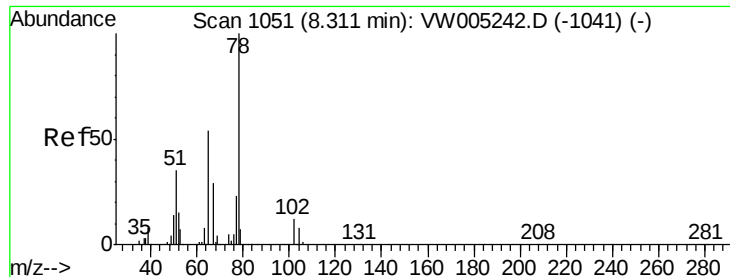
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#32
1,1,1-Trichloroethane
Concen: 72.69 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.5	77.3
61	41.4	32.5	48.7





#33

1,2-Dichloroethane-d4

Concen: 57.99 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 65 Resp: 3687

Ion Ratio Lower Upper

65 100

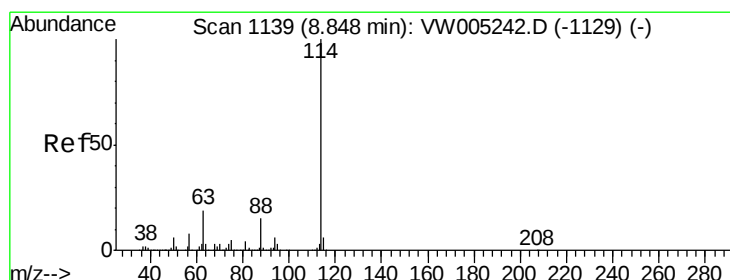
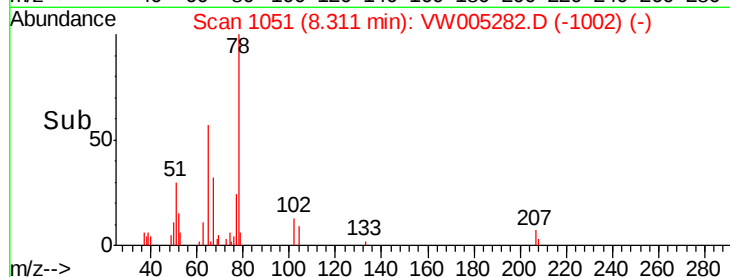
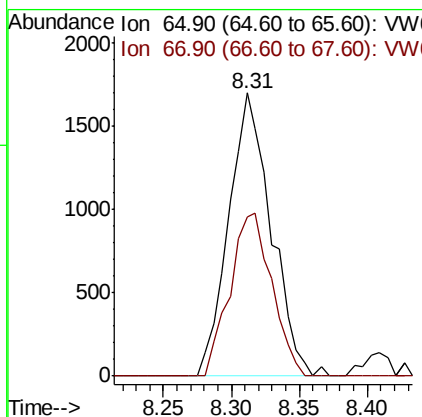
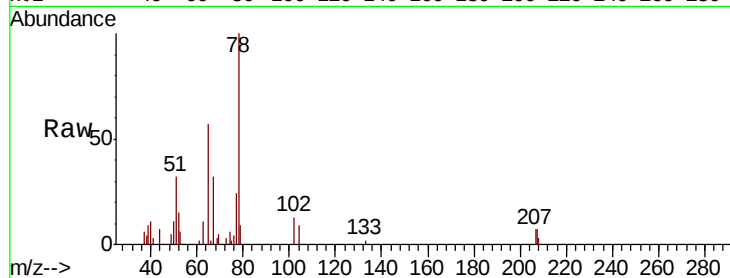
67 56.7 0.0 112.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

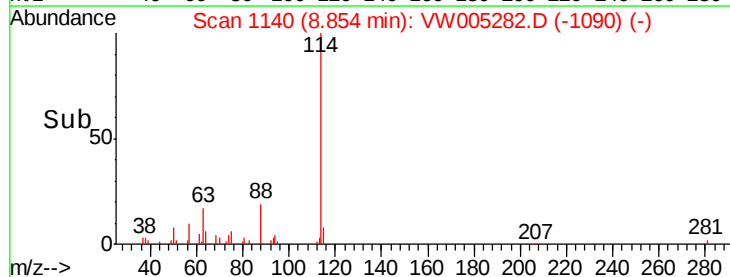
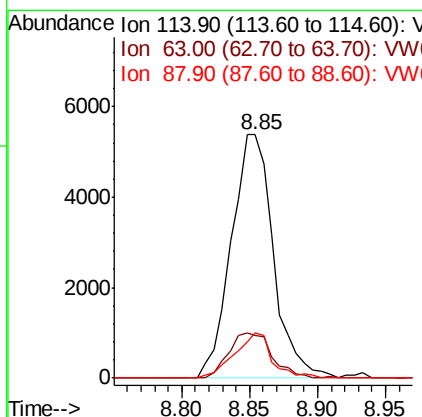
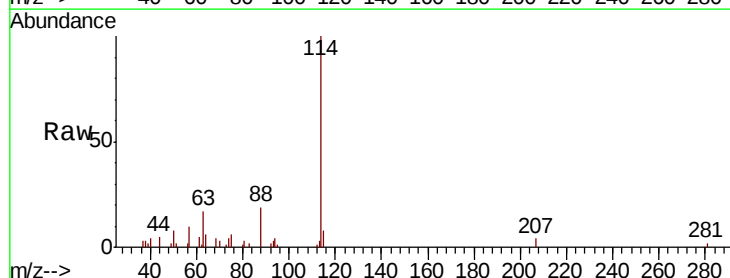
Tgt Ion: 114 Resp: 11601

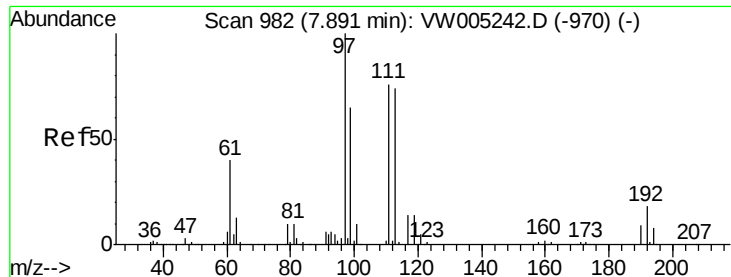
Ion Ratio Lower Upper

114 100

63 17.5 0.0 37.0

88 18.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 70.50 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

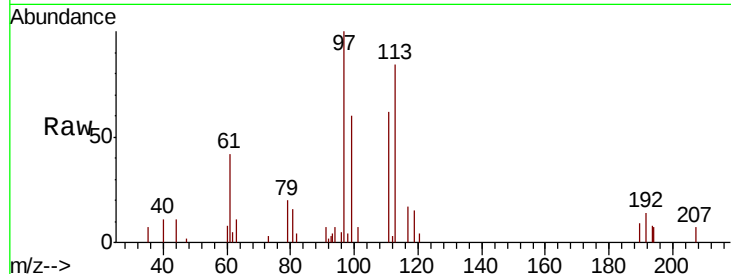
ClientSampleId :

ENY-SB-02-61.0-61.5MS

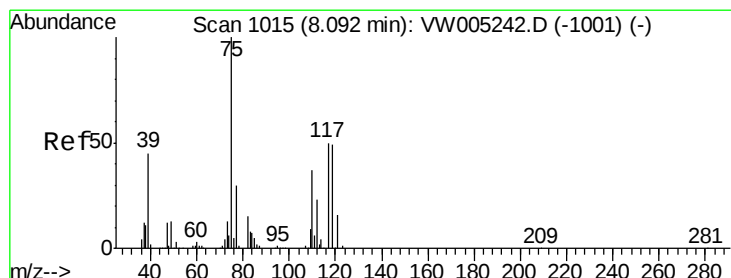
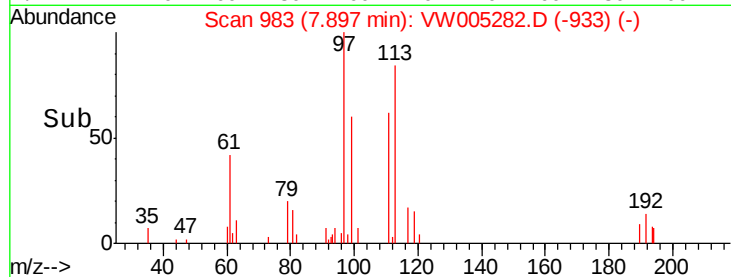
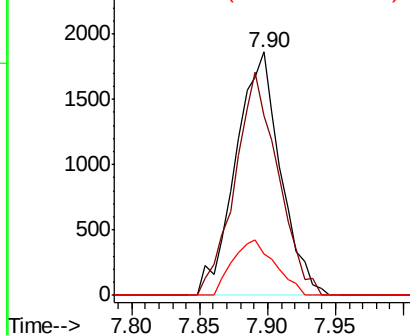
Tot Ion:	113	Resp:	4284
Ion	Ratio	Lower	Upper
113	100		
111	88.2	80.6	121.0
192	21.6	18.3	27.5

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 63.13 ug/l

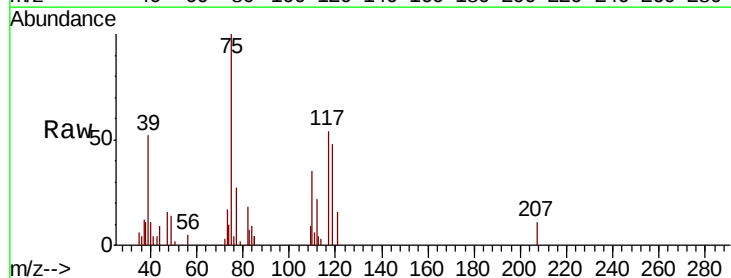
RT: 8.10 min Scan# 1016

Delta R.T. 0.01 min

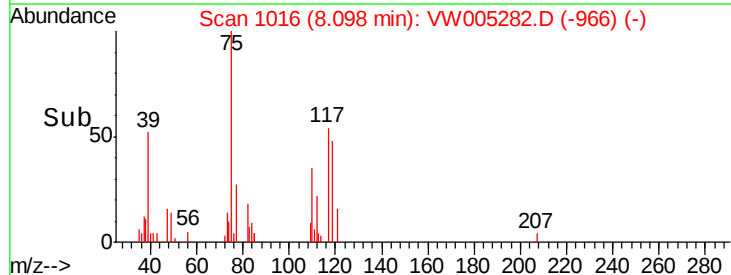
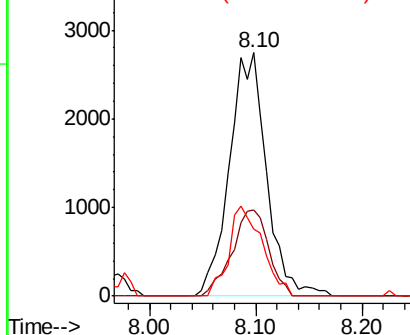
Lab File: VW005282.D

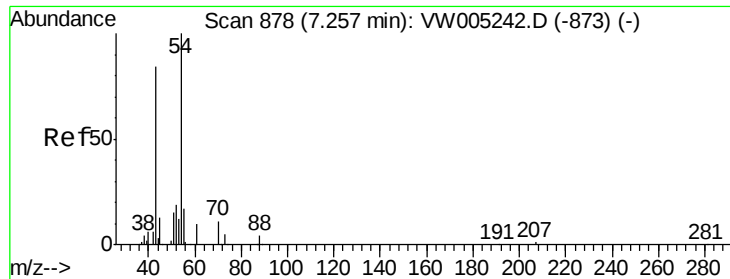
Acq: 11 Sep 2018 18:01

Tgt Ion:	75	Resp:	6710
Ion	Ratio	Lower	Upper
75	100		
110	34.7	18.8	56.4
77	33.2	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





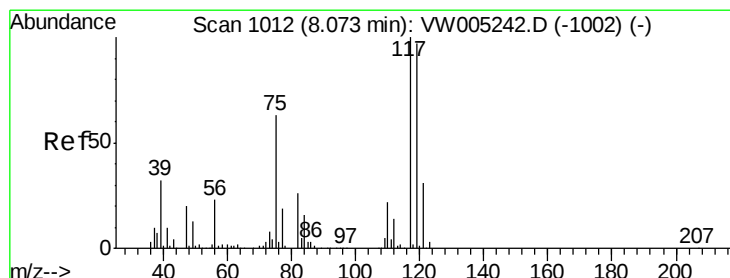
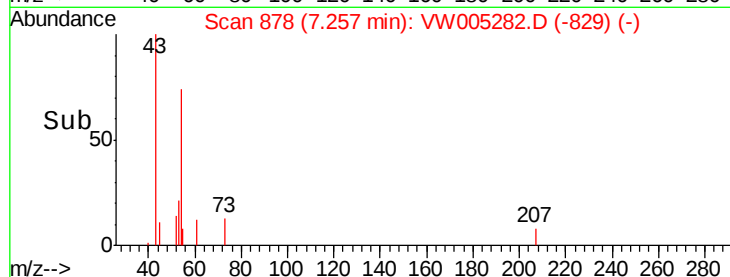
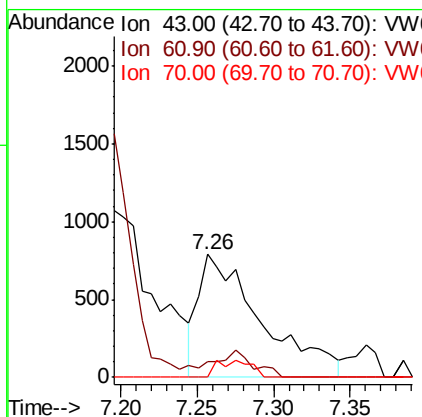
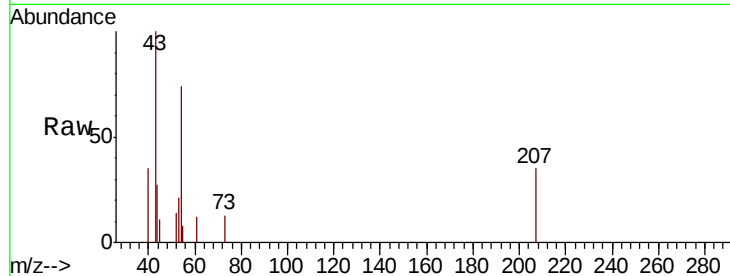
#37
Ethyl Acetate
Concen: 55.38 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	12.3	18.5
70	7.4	9.5	14.3#

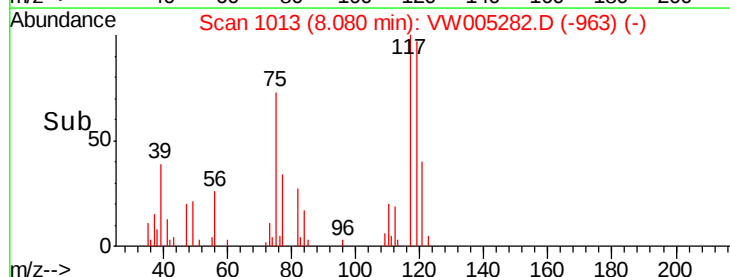
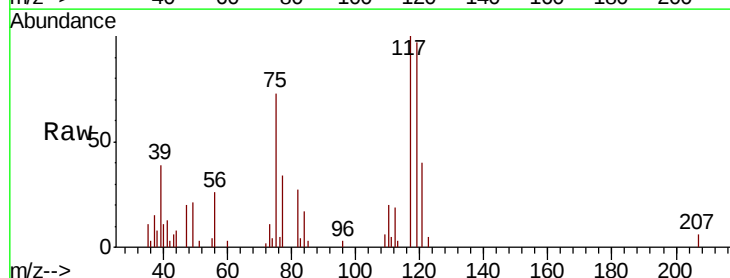
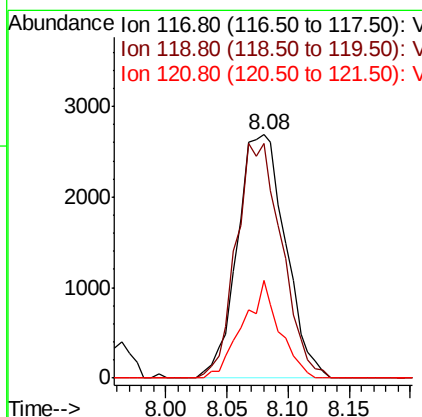
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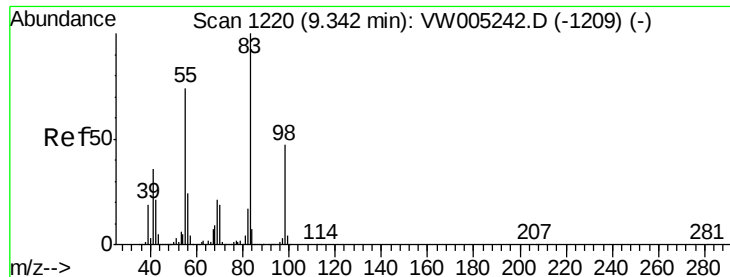
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#38
Carbon Tetrachloride
Concen: 73.71 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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





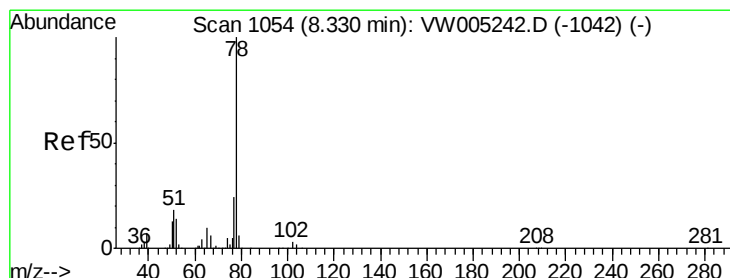
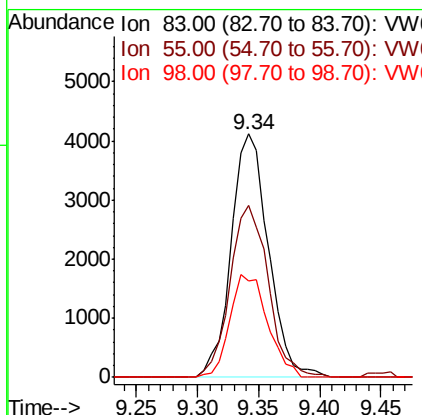
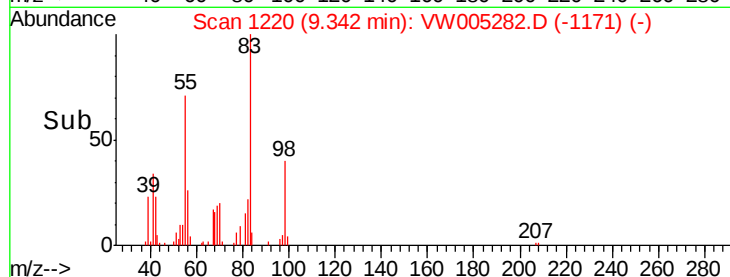
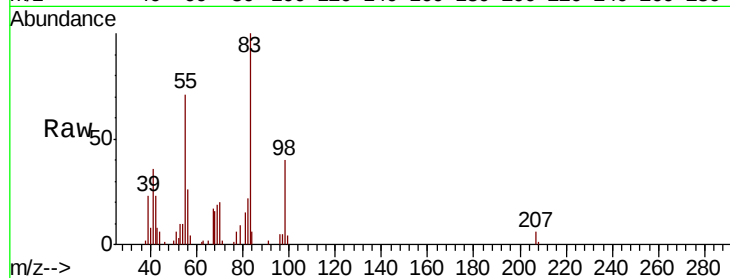
#39
Methvlcvclohexane
Concen: 61.42 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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

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

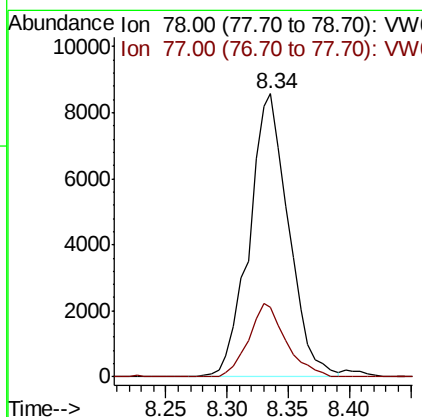
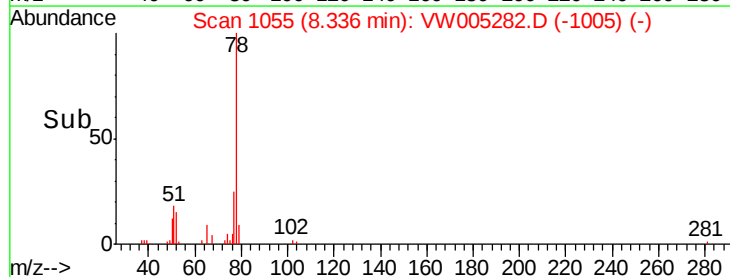
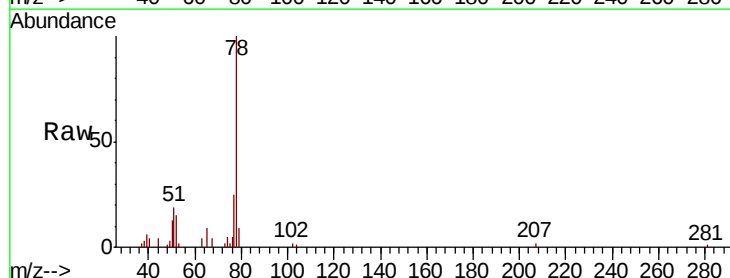
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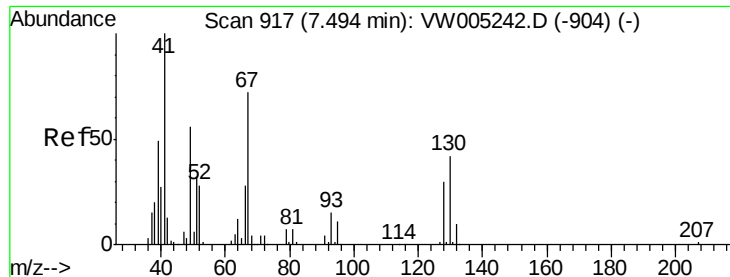
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#40
Benzene
Concen: 61.05 ug/l
RT: 8.34 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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





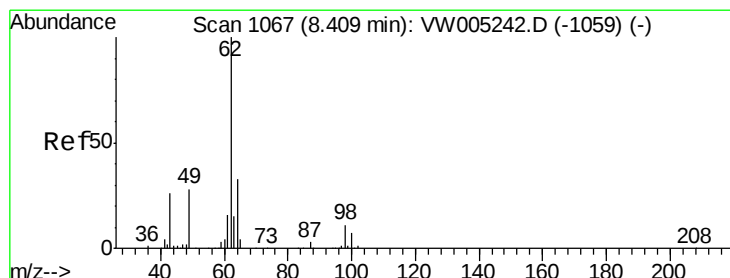
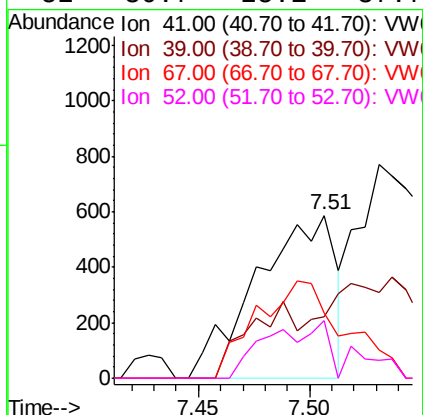
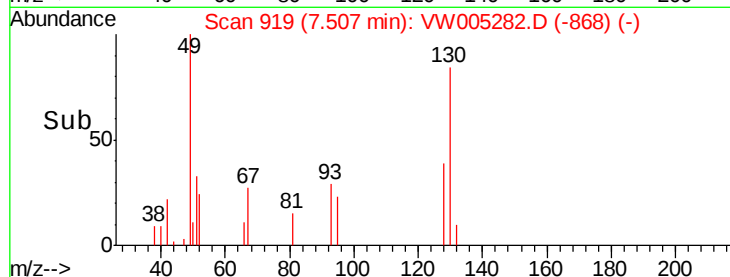
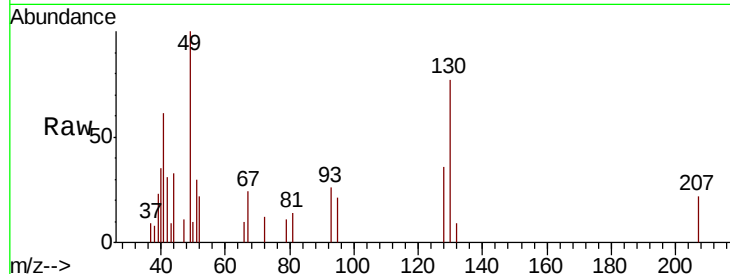
#41
Methacrylonitrile
Concen: 70.10 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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

Tot Ion	Ratio	Lower	Upper
41	100		
39	28.7	39.9	59.9#
67	65.7	65.7	98.5
52	30.7	25.1	37.7

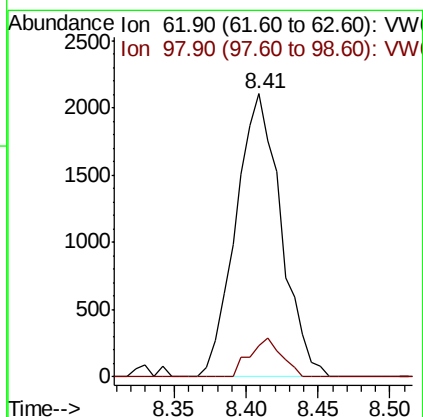
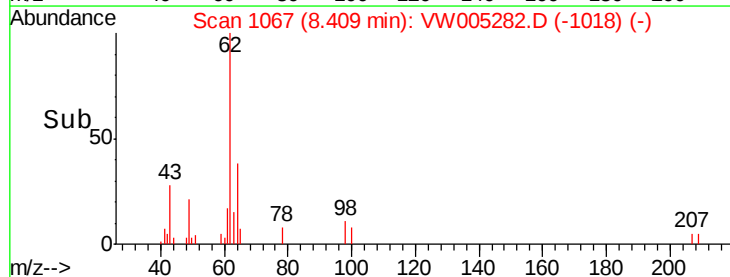
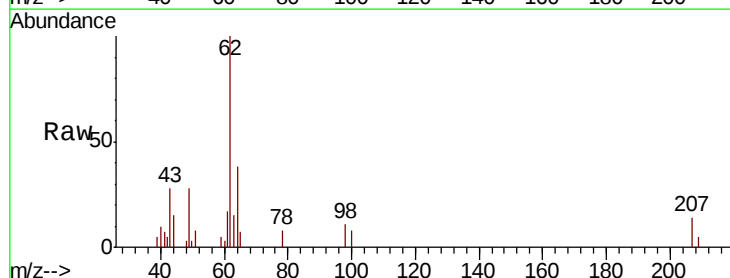
Manual Integrations
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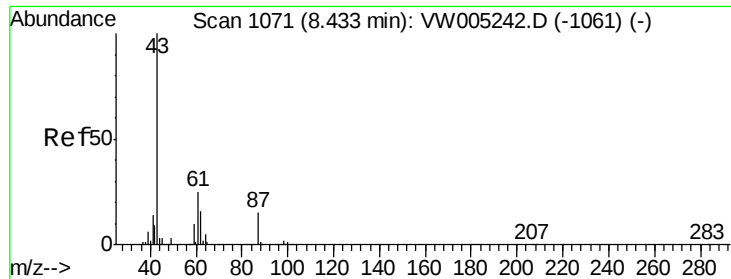
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#42
1,2-Dichloroethane
Concen: 61.23 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	22.0





#43

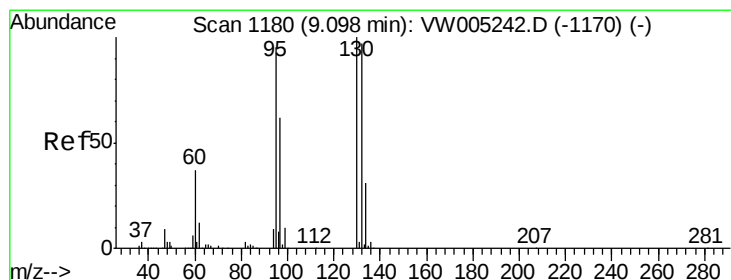
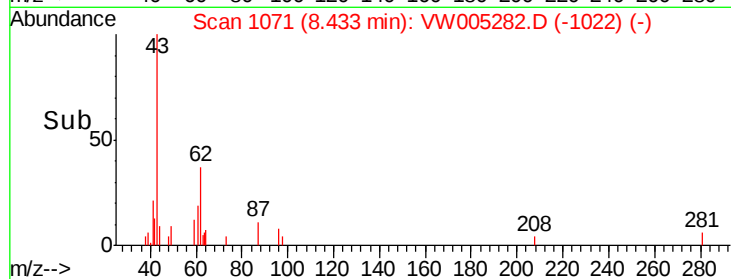
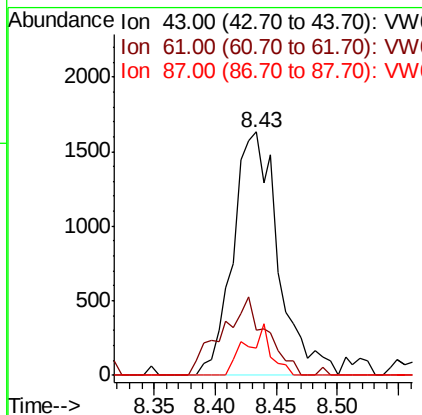
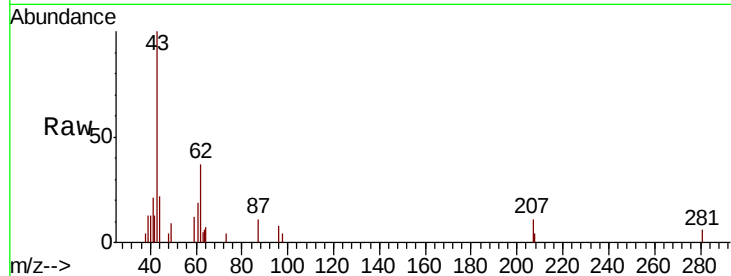
Isopropyl Acetate
 Concen: 55.71 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.9	25.4	38.0
87	11.6	11.9	17.9

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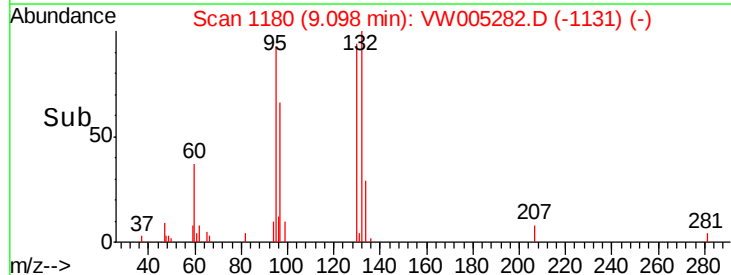
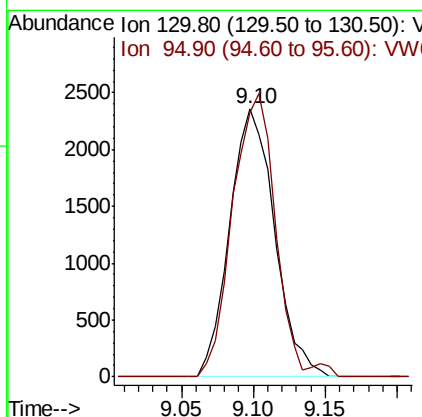
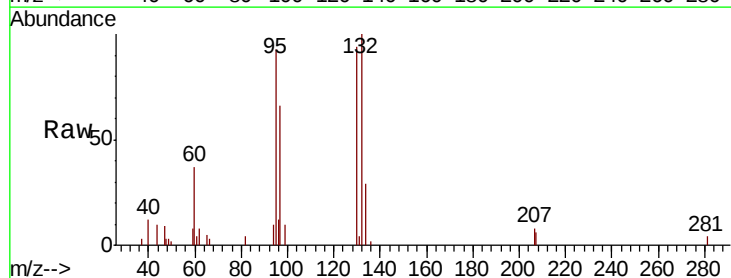
apatel
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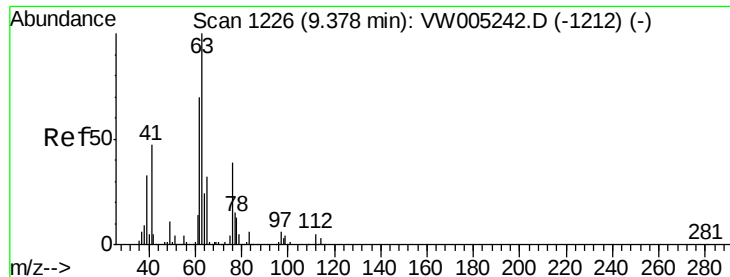


#44

Trichloroethene
 Concen: 59.71 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	189.6





#45

1,2-Dichloropropane

Concen: 59.58 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 63 Resp: 4484

Ion Ratio Lower Upper

63 100

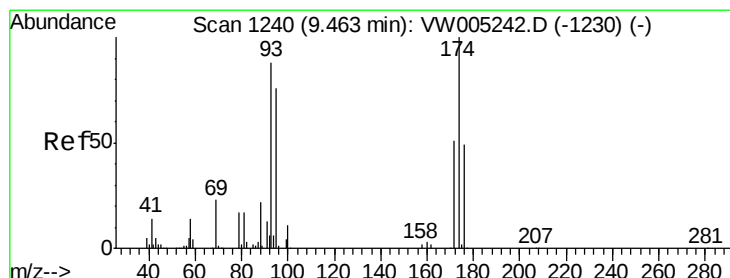
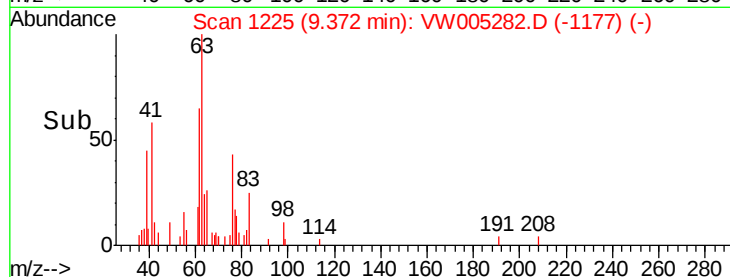
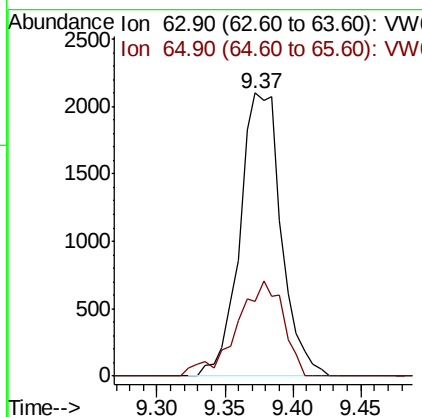
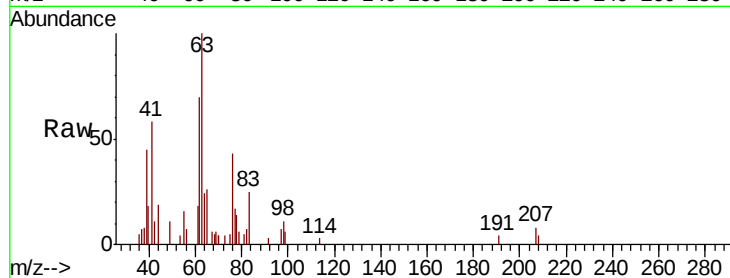
65 26.3 25.4 38.2

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#46

Dibromomethane

Concen: 53.58 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

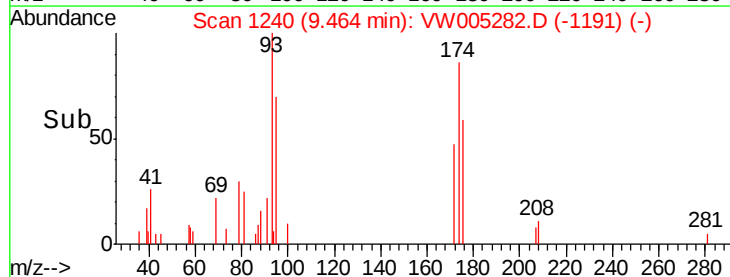
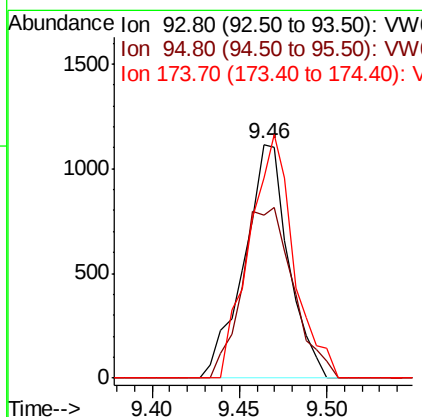
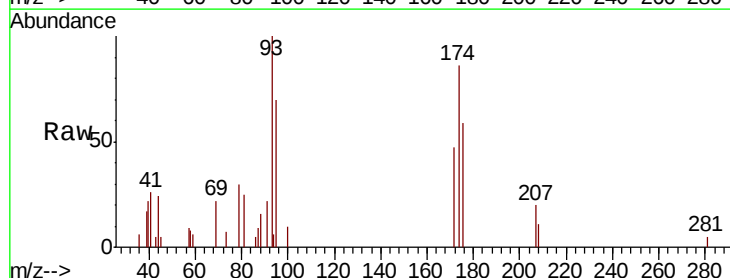
Tgt Ion: 93 Resp: 1974

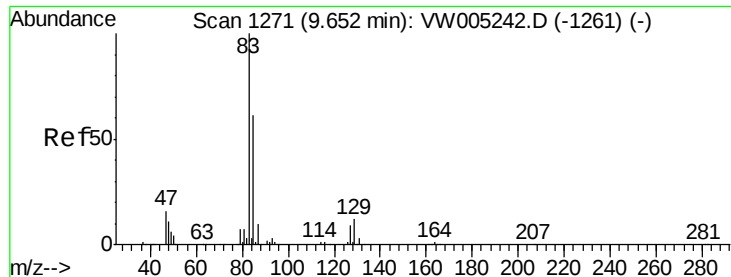
Ion Ratio Lower Upper

93 100

95 84.5 67.0 100.4

174 103.9 92.2 138.2





#47

Bromodichloromethane

Concen: 56.41 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

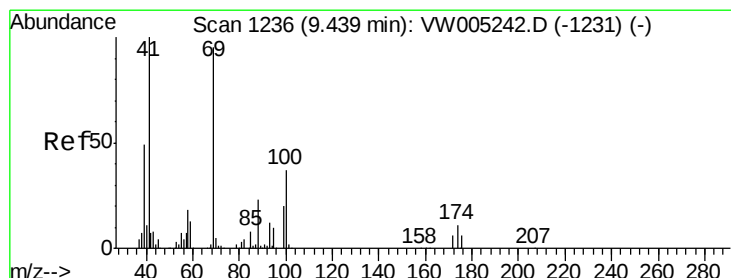
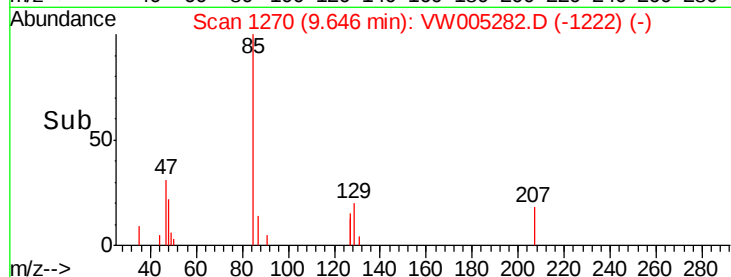
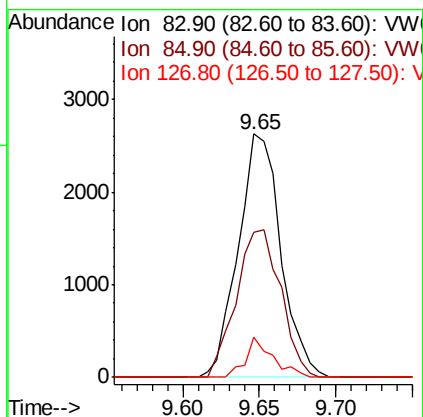
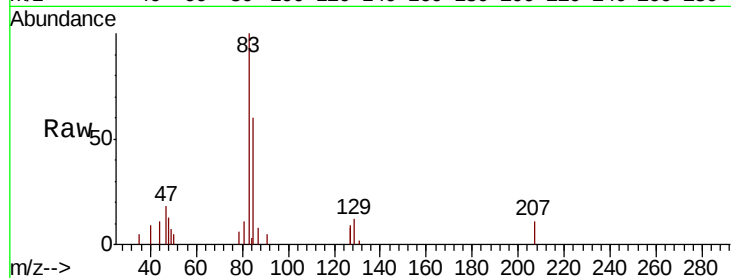
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:	83	Resp:	5084
Ion	Ratio	Lower	Upper
83	100		
85	59.5	49.0	73.6
127	16.5	7.0	10.4#

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#48

Methyl methacrylate

Concen: 35.74 ug/l

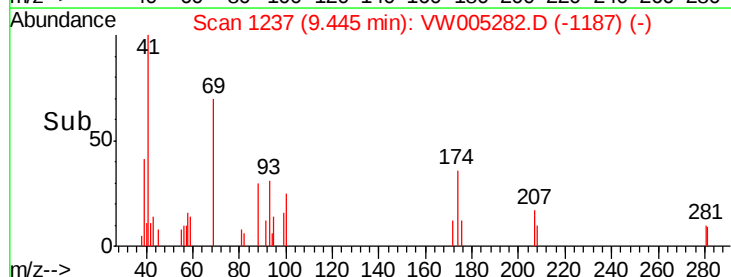
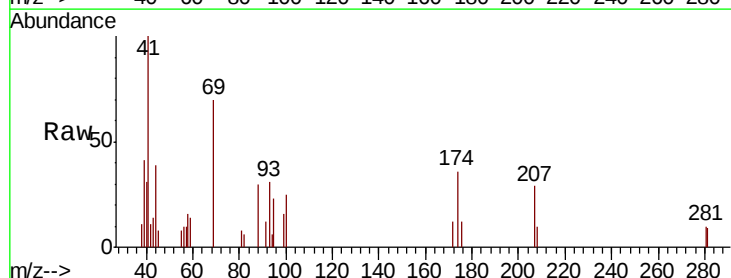
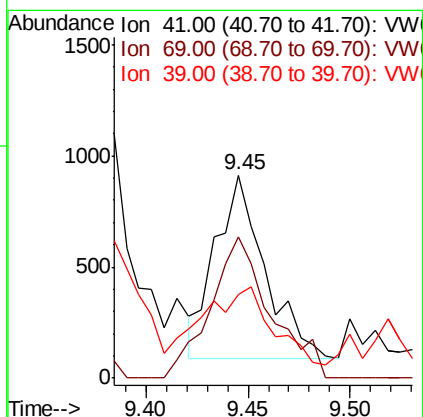
RT: 9.45 min Scan# 1237

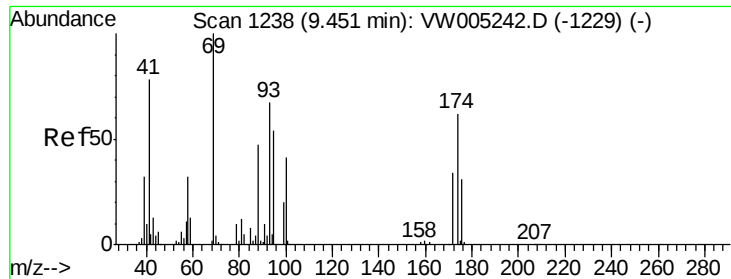
Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Tgt Ion:	41	Resp:	1393
Ion	Ratio	Lower	Upper
41	100		
69	93.3	74.6	112.0
39	55.3	36.7	55.1#





#49

1,4-Dioxane

Concen: 758.91 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

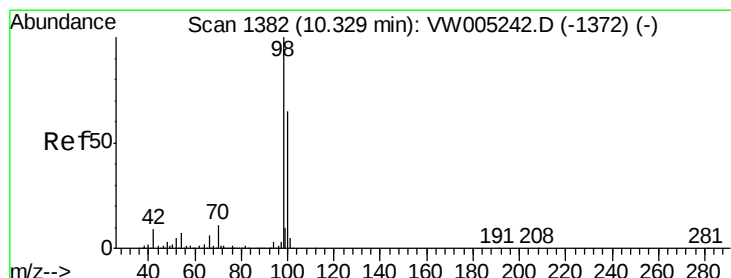
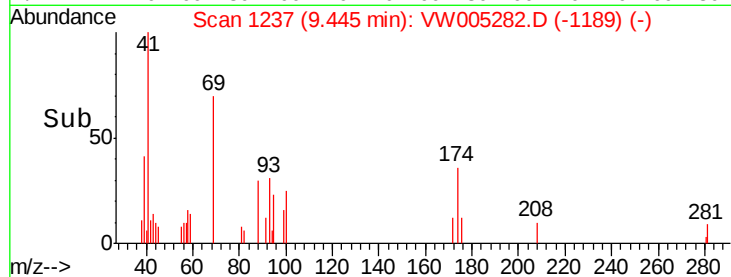
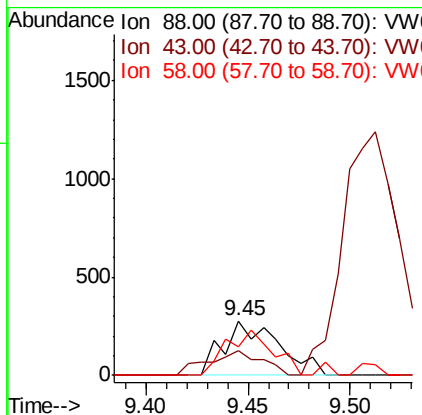
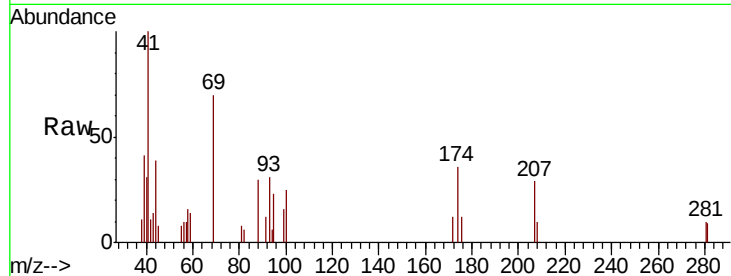
ENY-SB-02-61.0-61.5MS

Tot Ion:	88	Resp:	522
Ion	Ratio	Lower	Upper
88	100		
43	43.9	22.7	34.1#
58	69.9	56.6	85.0

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#50

Toluene-d8

Concen: 46.17 ug/l

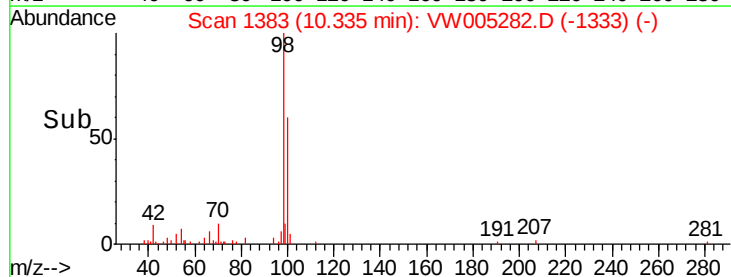
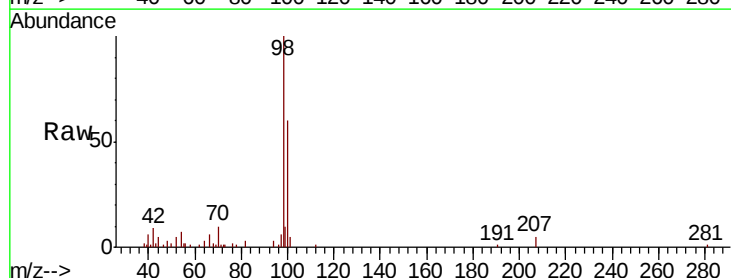
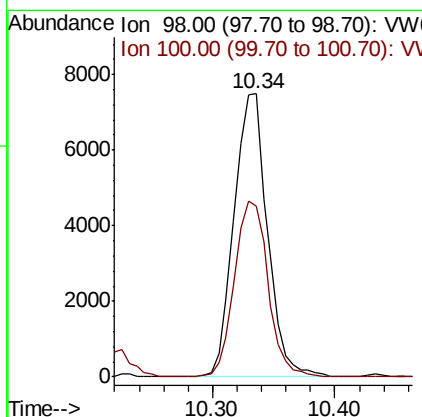
RT: 10.34 min Scan# 1383

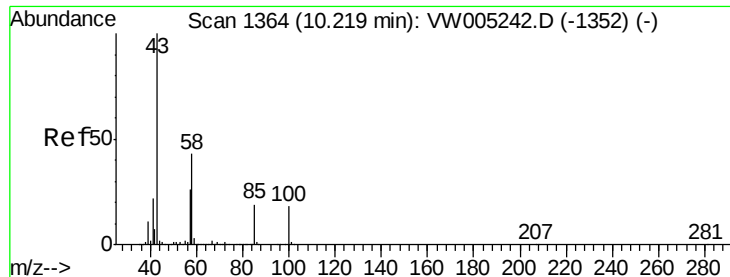
Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Tgt Ion:	98	Resp:	14179
Ion	Ratio	Lower	Upper
98	100		
100	62.6	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 222.62 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 43 Resp: 9405

Ion Ratio Lower Upper

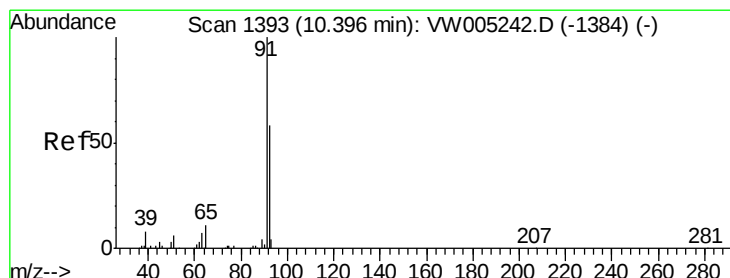
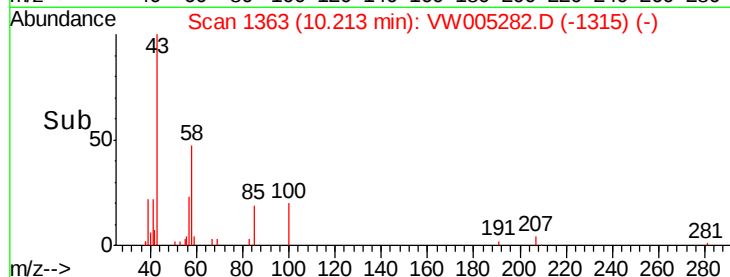
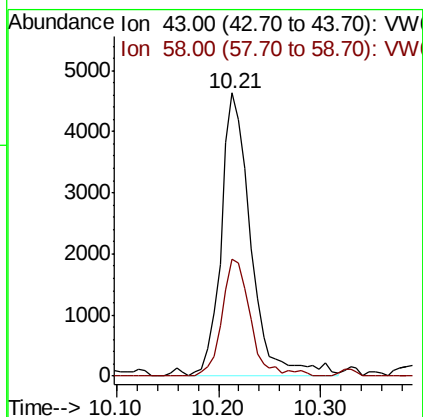
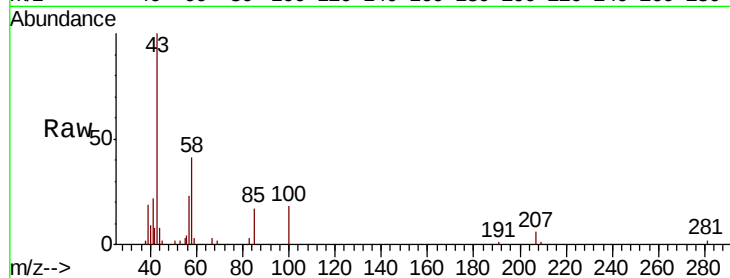
43 100

58 38.6 33.8 50.6

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#52

Toluene

Concen: 42.47 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005282.D

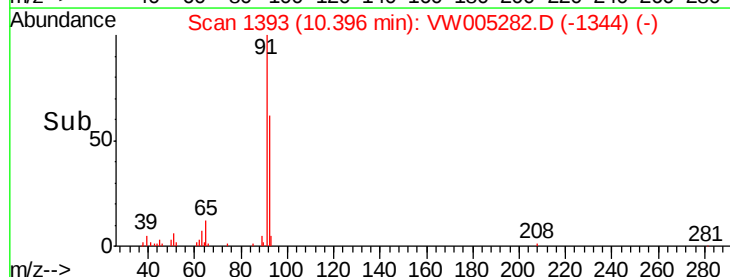
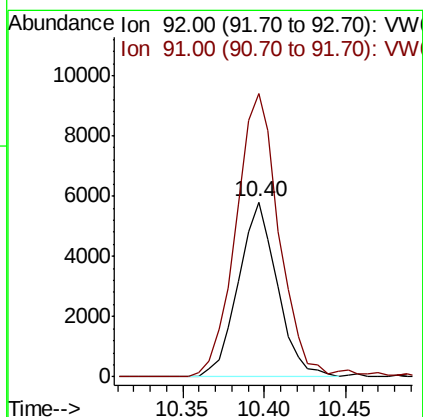
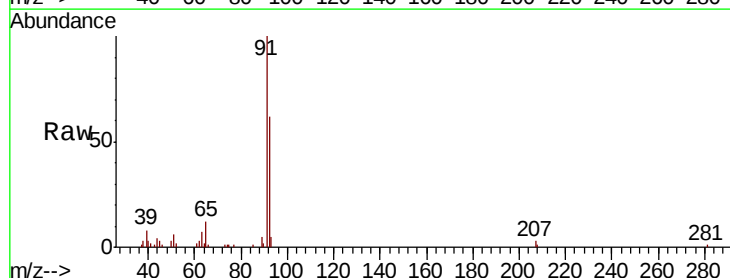
Acq: 11 Sep 2018 18:01

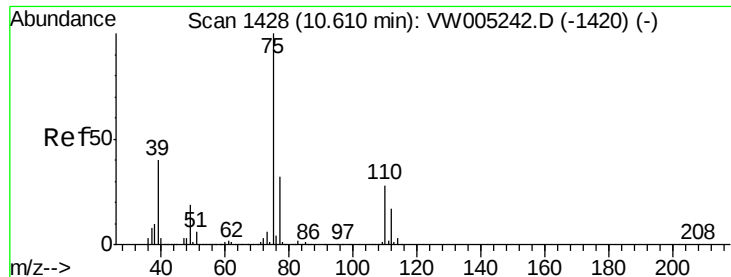
Tgt Ion: 92 Resp: 9665

Ion Ratio Lower Upper

92 100

91 178.5 137.4 206.0





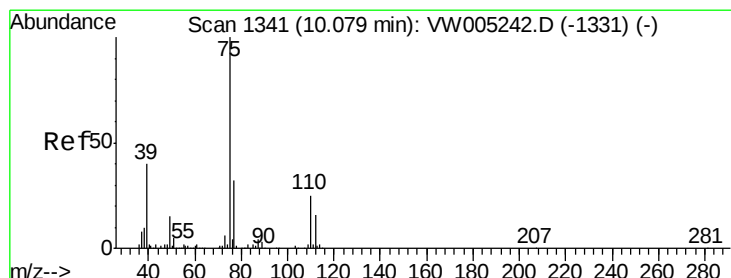
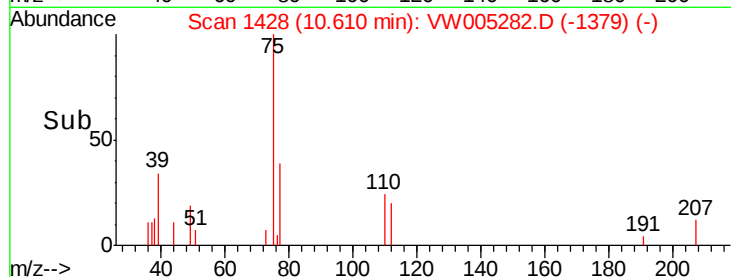
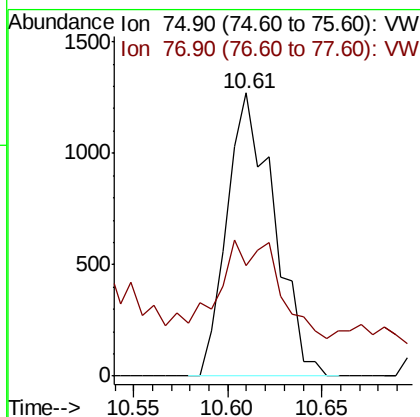
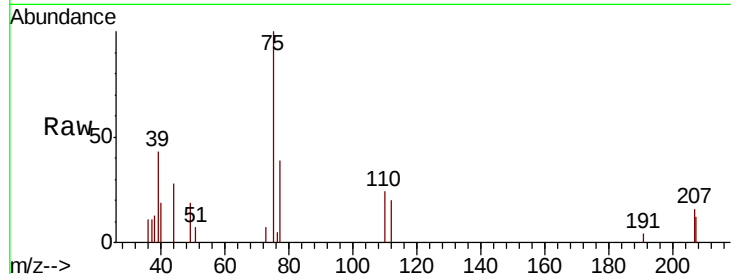
#53
 t-1,3-Dichloropropene
 Concen: 22.50 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

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

Tot Ion: 75 Resp: 2191
 Ion Ratio Lower Upper
 75 100
 77 23.1 25.8 38.8#

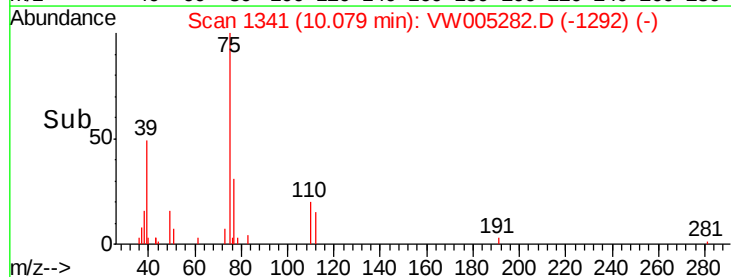
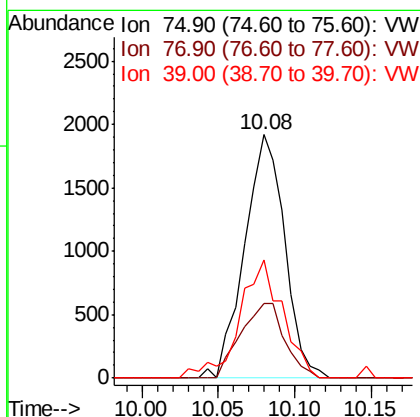
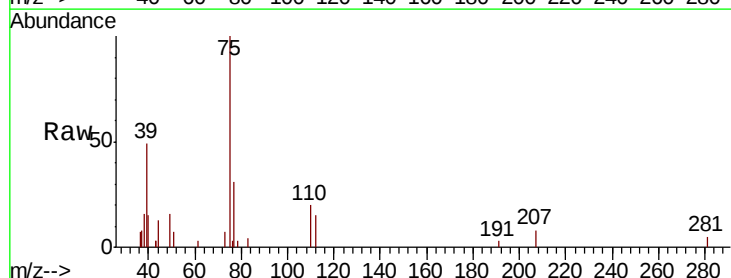
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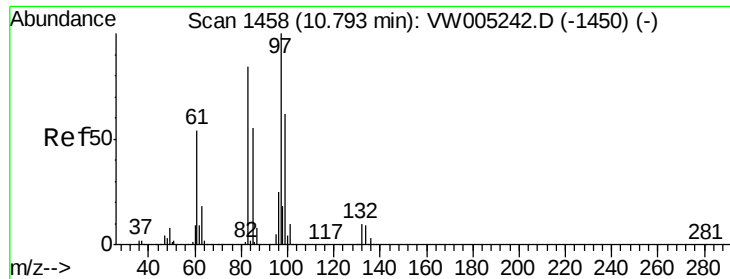
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#54
 cis-1,3-Dichloropropene
 Concen: 29.99 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

Tgt Ion: 75 Resp: 3498
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3
 39 48.7 31.8 47.6#





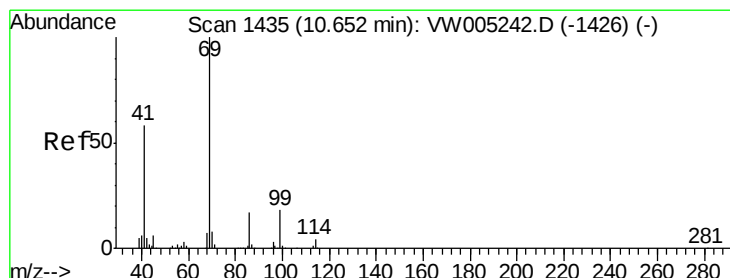
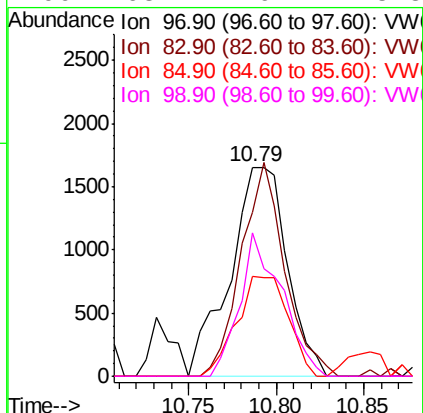
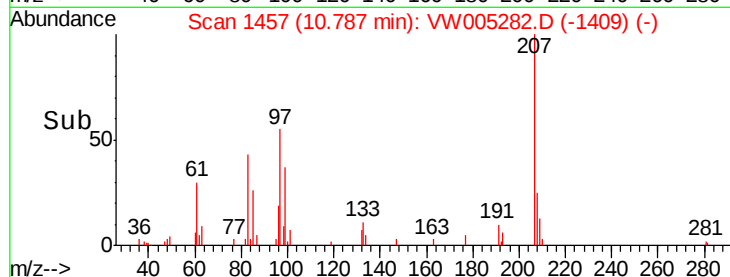
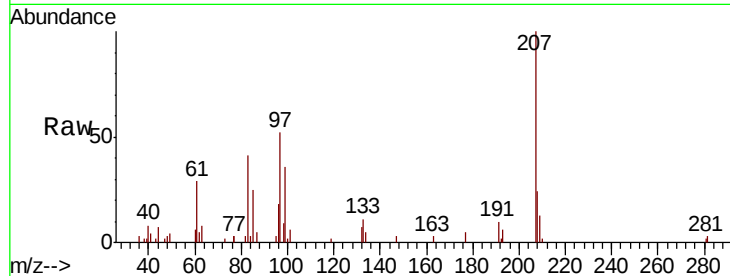
#55
 1,1,2-Trichloroethane
 Concen: 64.23 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

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

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

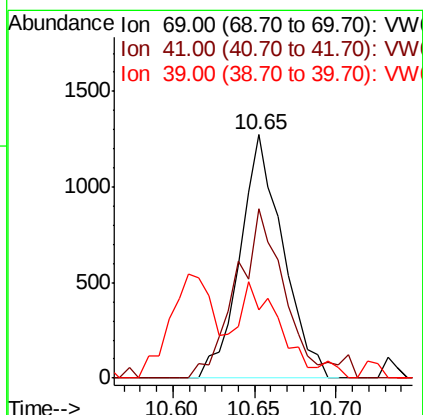
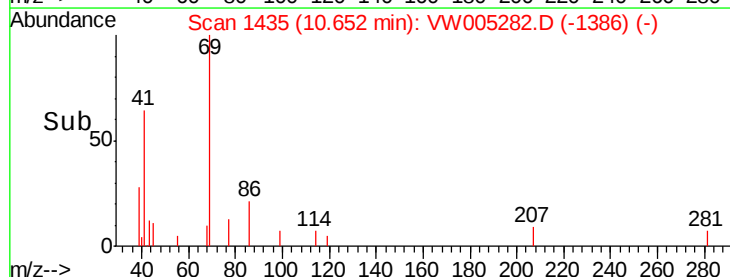
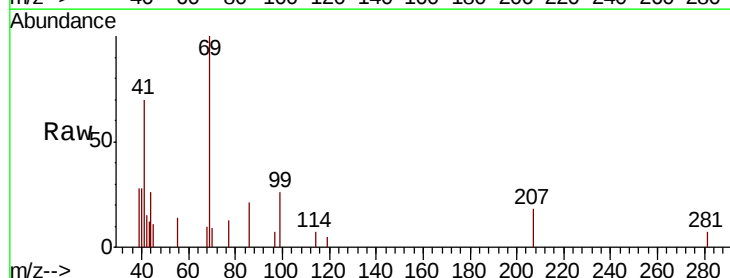
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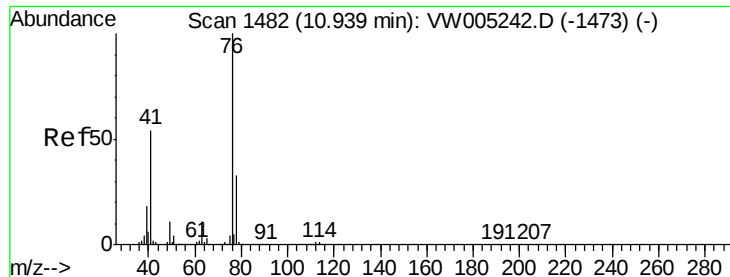
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#56
 Ethyl methacrylate
 Concen: 31.23 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

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





#57

1,3-Dichloropropane

Concen: 48.49 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 76 Resp: 4730

Ion Ratio Lower Upper

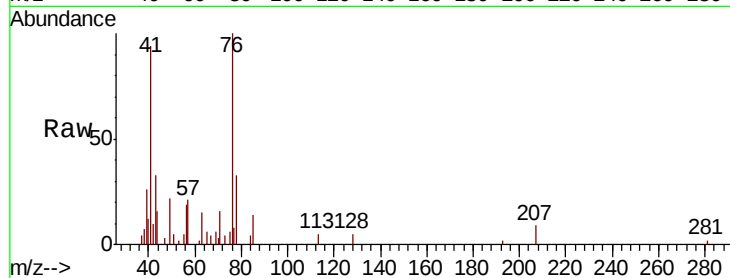
76 100

78 32.5 26.0 39.0

Manual Integrations
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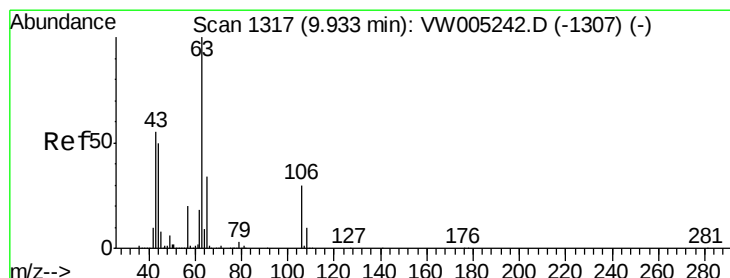
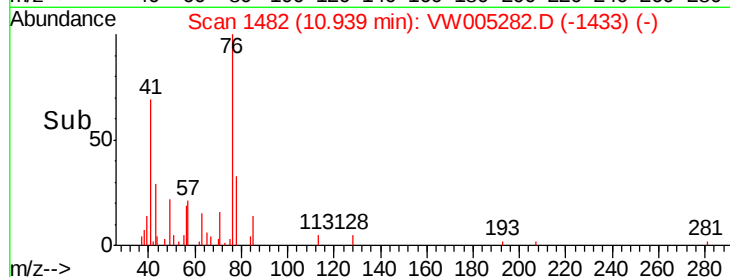
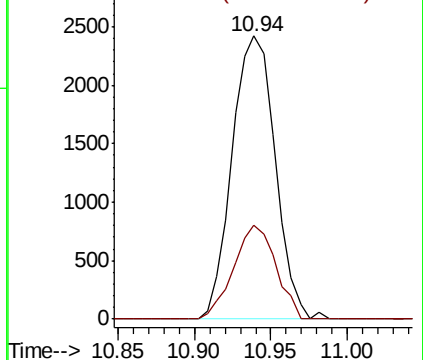
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 53.51 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VW005282.D

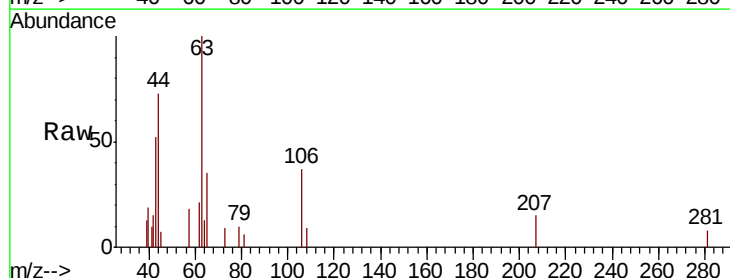
Acq: 11 Sep 2018 18:01

Tgt Ion: 63 Resp: 1732

Ion Ratio Lower Upper

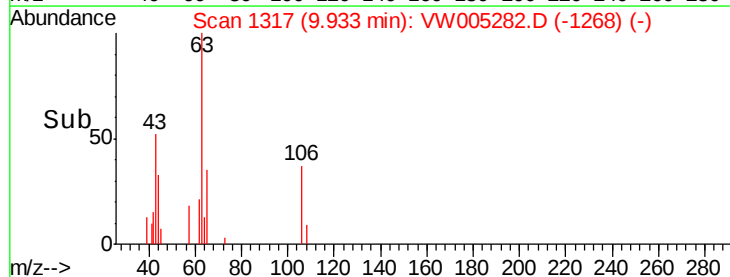
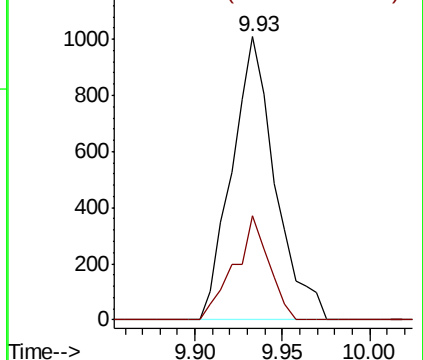
63 100

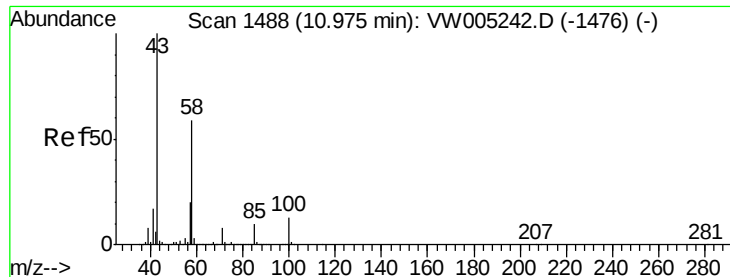
106 29.4 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





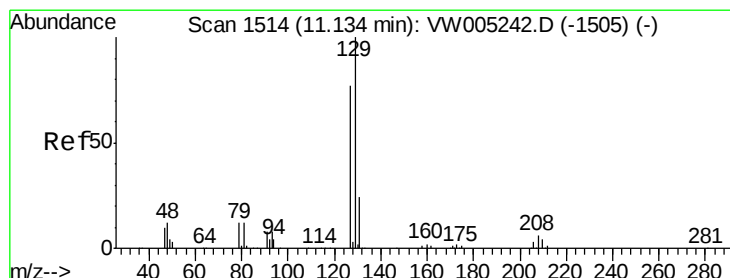
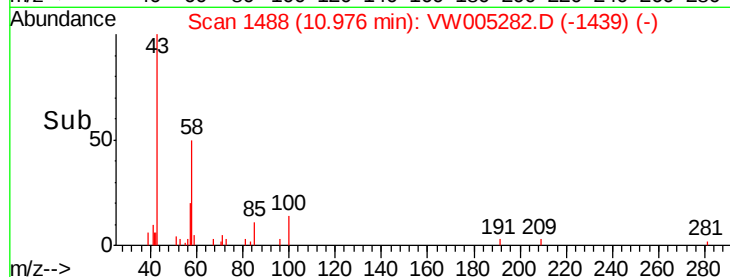
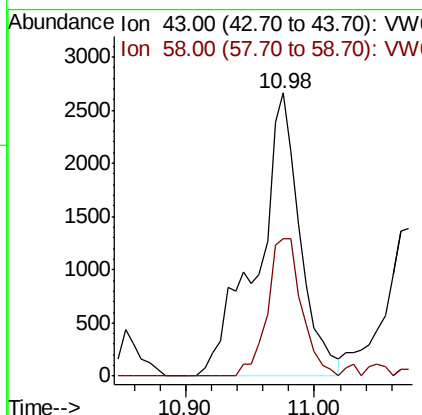
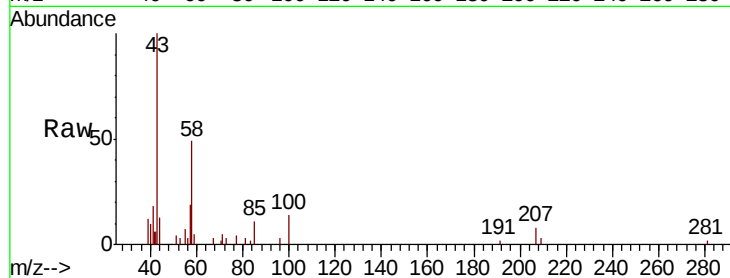
#59
2-Hexanone
Concen: 202.91 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58		39.0		29.3	87.9

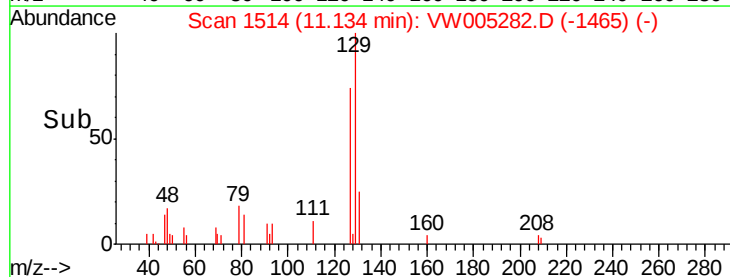
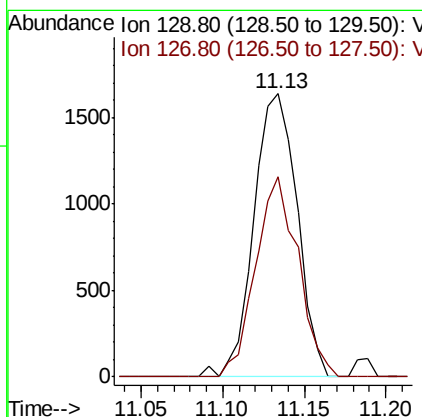
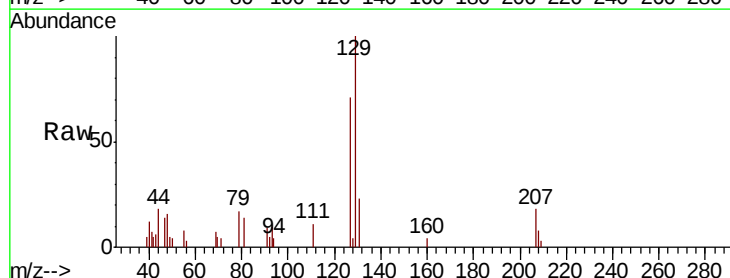
Manual Integrations
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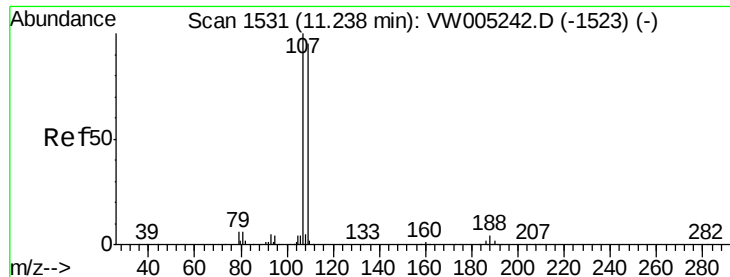
apatel
9/12/2018 11:13:27 AM



#60
Dibromochloromethane
Concen: 46.47 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion	129	127	Ratio	Lower	Upper
129	100				
127		69.4		39.0	117.0





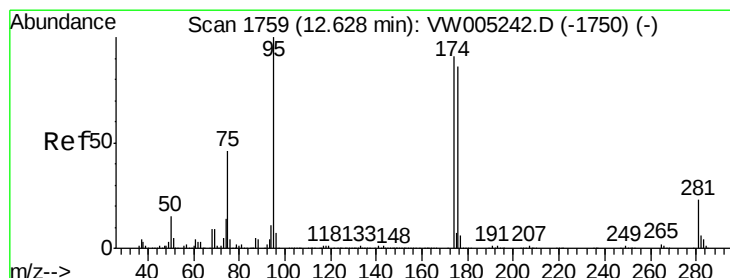
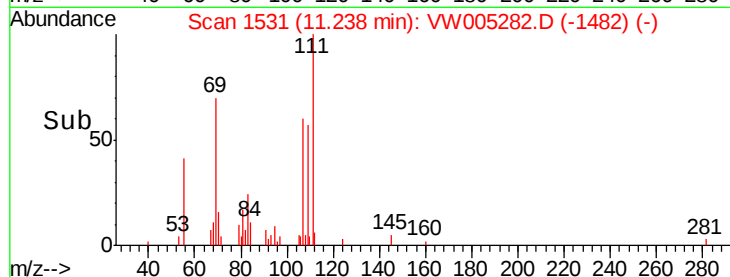
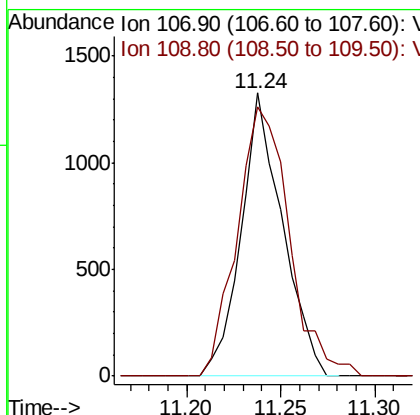
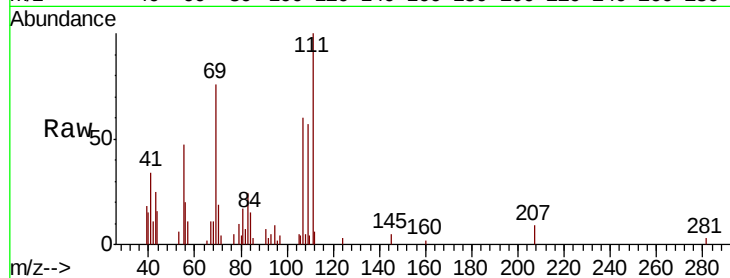
#61
 1,2-Dibromoethane
 Concen: 37.52 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

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

Tot Ion	Ratio	Lower	Upper
107	100		
109	119.8	75.7	113.5#

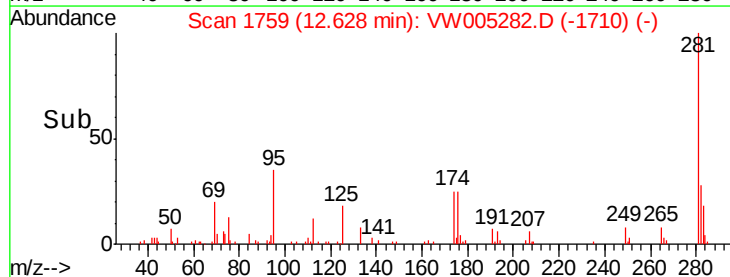
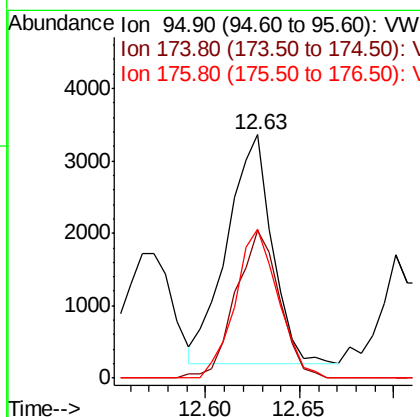
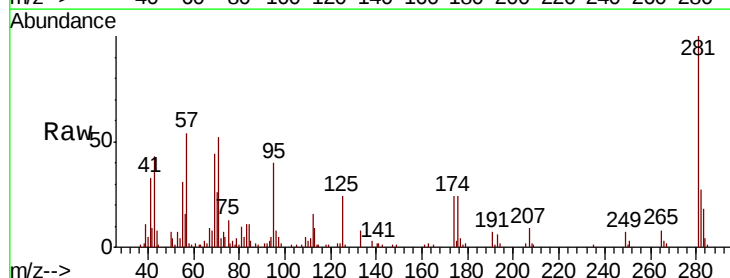
Manual Integrations
 APPROVED

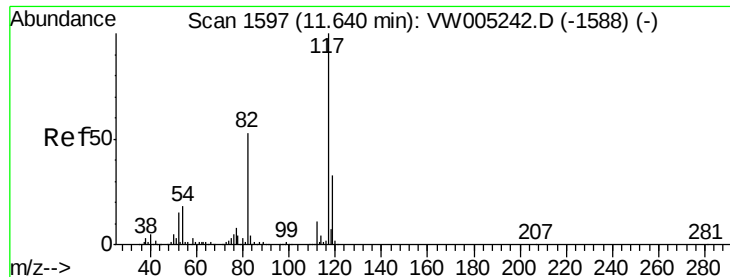
apatel
 9/12/2018 11:13:27 AM



#62
 4-Bromofluorobenzene
 Concen: 46.75 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

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





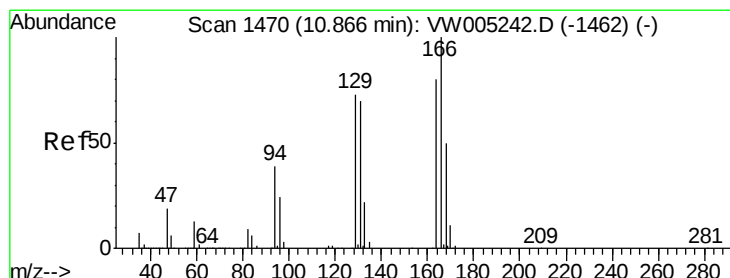
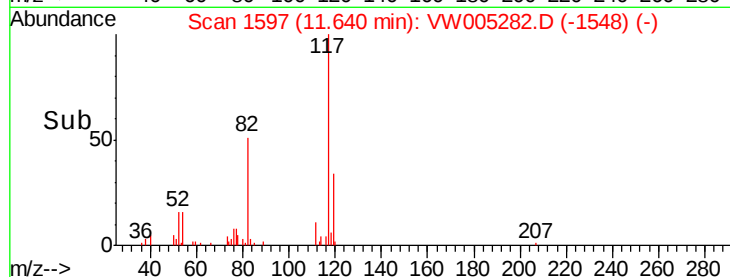
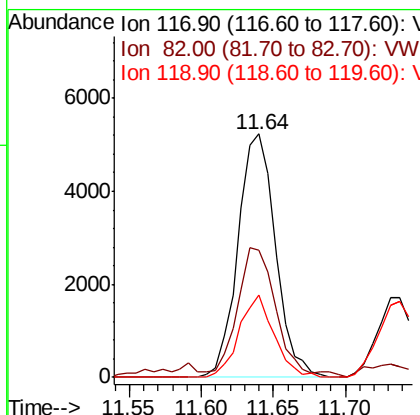
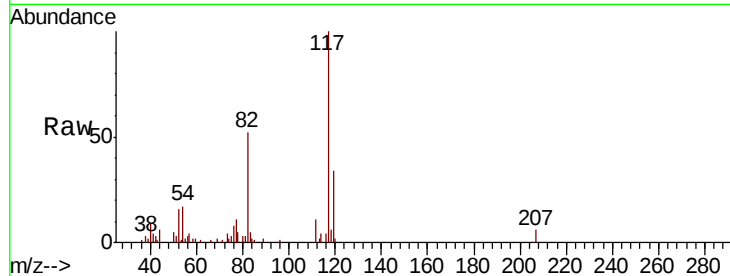
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	42.6	63.8
119	33.8	26.2	39.4

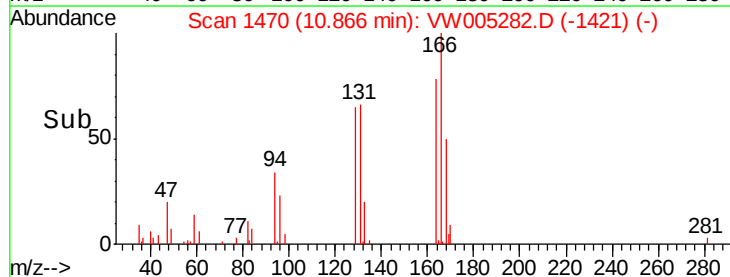
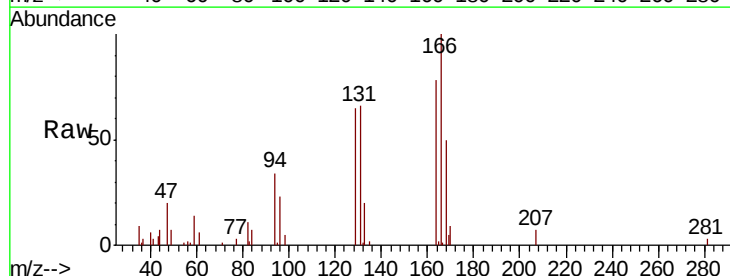
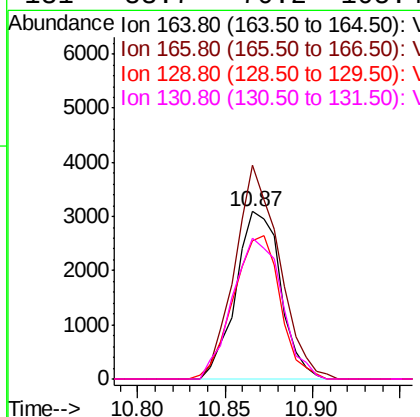
Manual Integrations
APPROVED

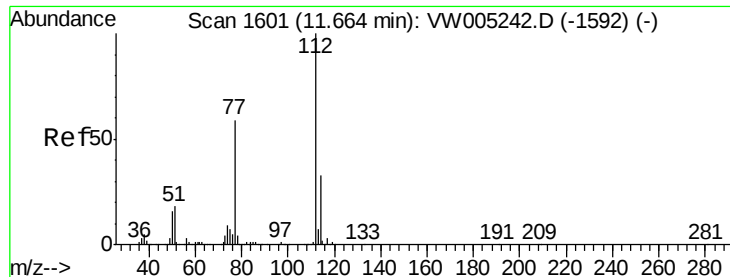
apatel
9/12/2018 11:13:27 AM



#64
Tetrachloroethene
Concen: 78.46 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	100.2	150.2
129	82.6	73.2	109.8
131	83.7	70.2	105.4





#65

Chlorobenzene

Concen: 48.70 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:112 Resp: 10103

Ion Ratio Lower Upper

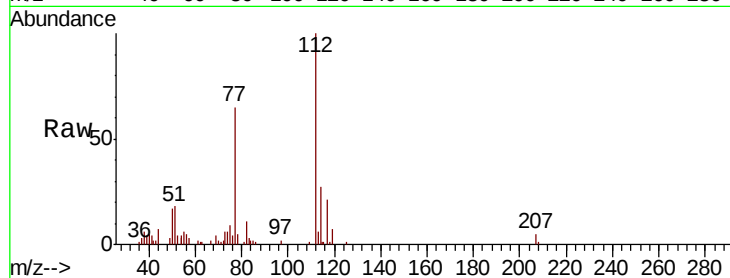
112 100

114 27.3 26.2 39.4

Manual Integrations
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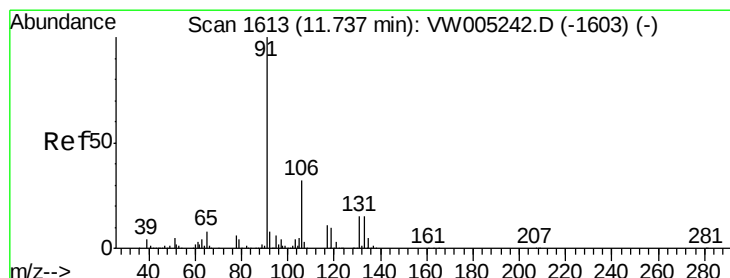
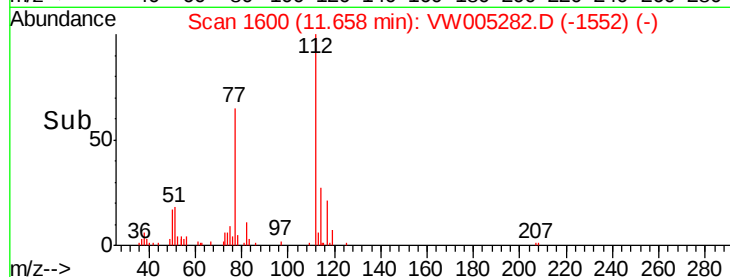


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 66.94 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

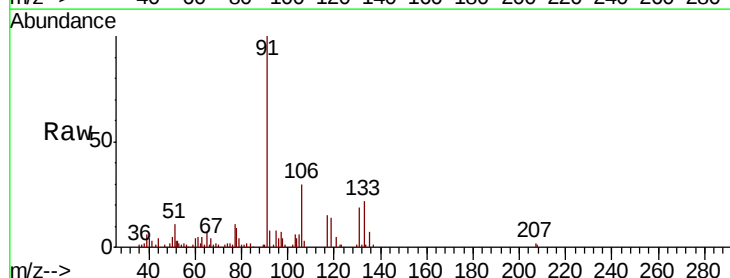
Tgt Ion:131 Resp: 4147

Ion Ratio Lower Upper

131 100

133 102.3 48.1 144.3

119 68.8 33.4 100.1



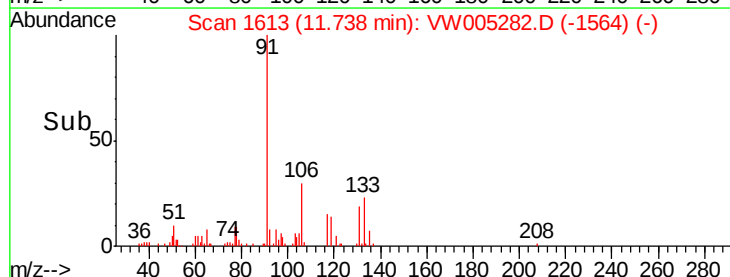
Abundance Ion 130.80 (130.50 to 131.50): V

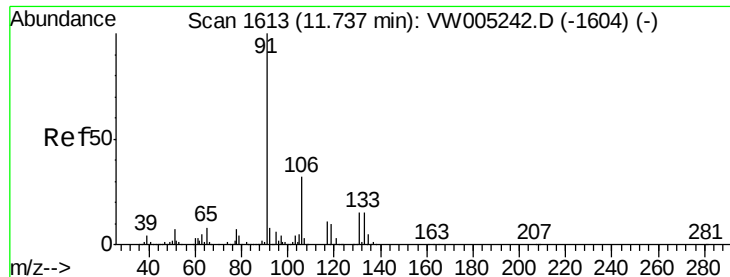
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.74

Time-->





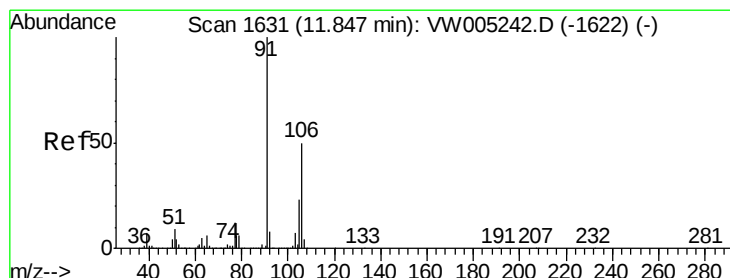
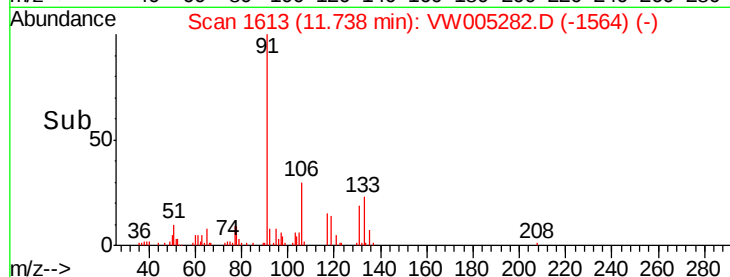
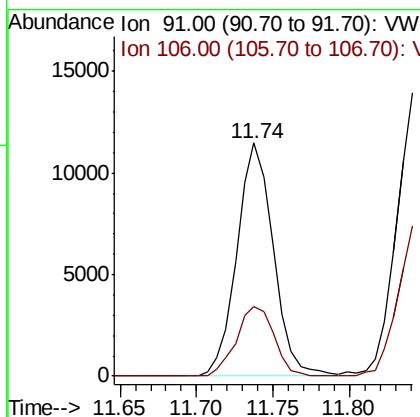
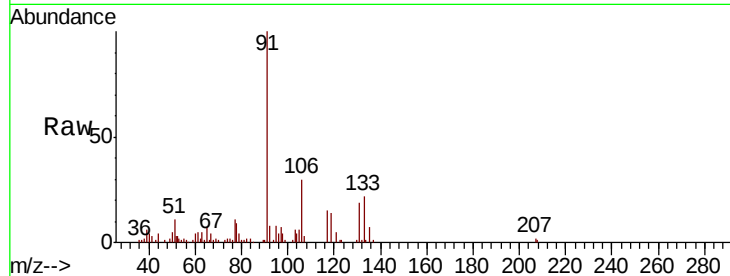
#67
Ethyl Benzene
Concen: 52.67 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	30.0	25.6	38.4	

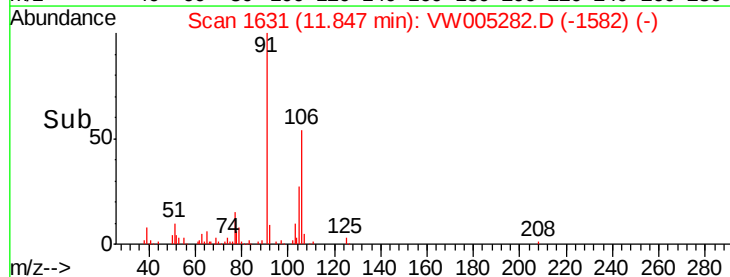
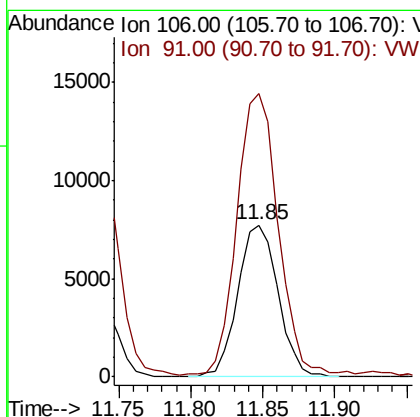
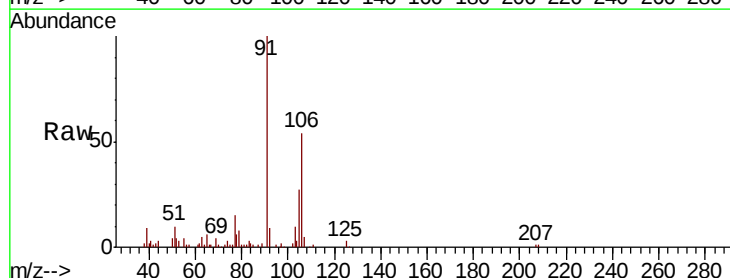
Manual Integrations
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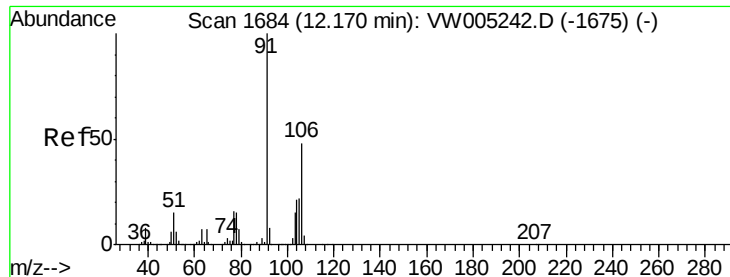
apatel
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#68
m/p-Xylenes
Concen: 102.90 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	189.8	160.2	240.2	





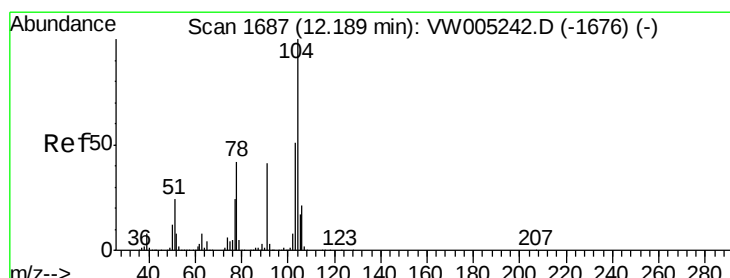
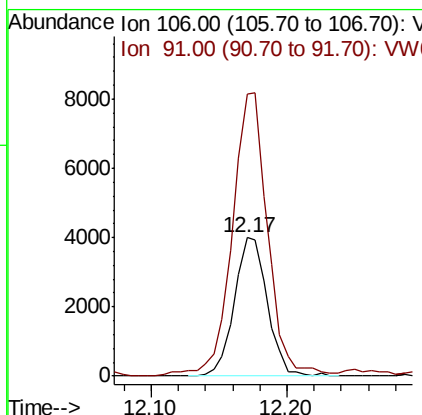
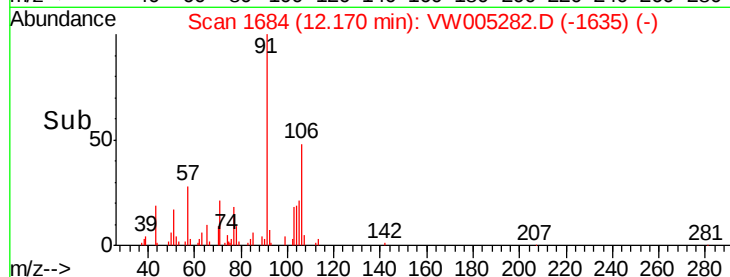
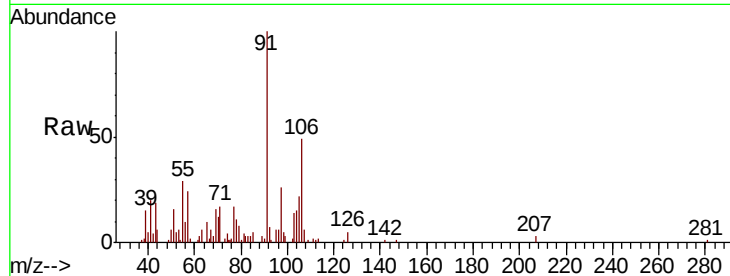
#69
o-Xylene
Concen: 49.88 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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

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

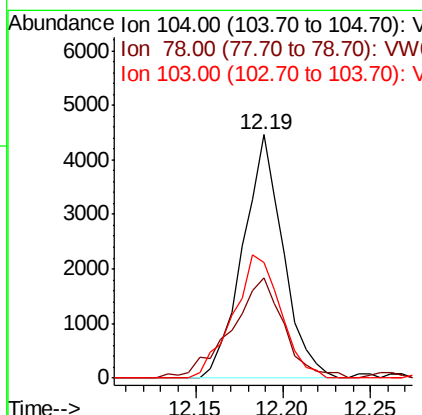
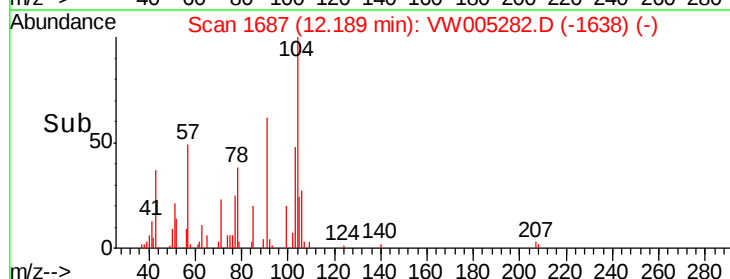
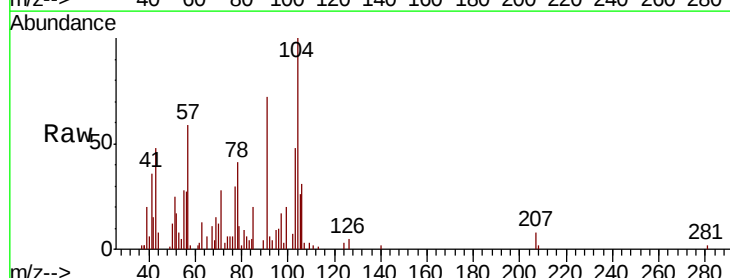
Manual Integrations
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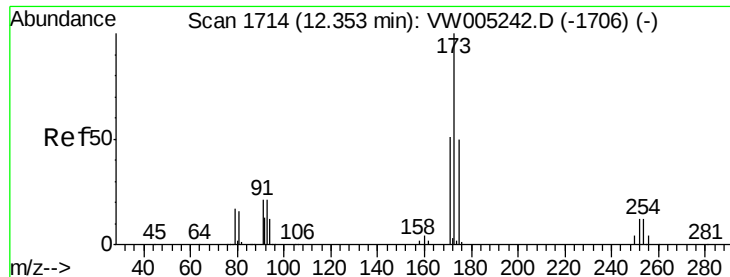
apatel
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#70
Styrene
Concen: 32.50 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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





#71

Bromoform

Concen: 49.12 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

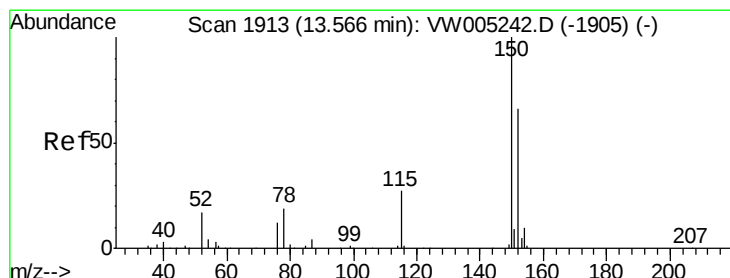
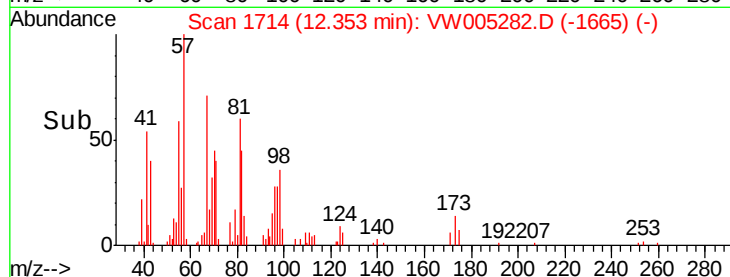
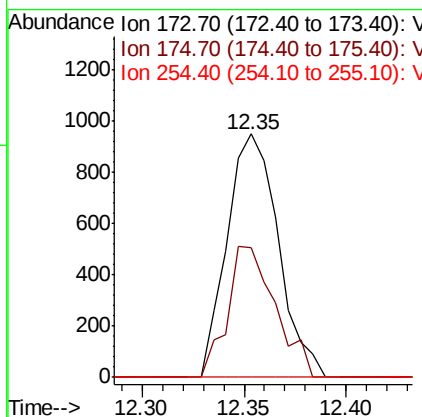
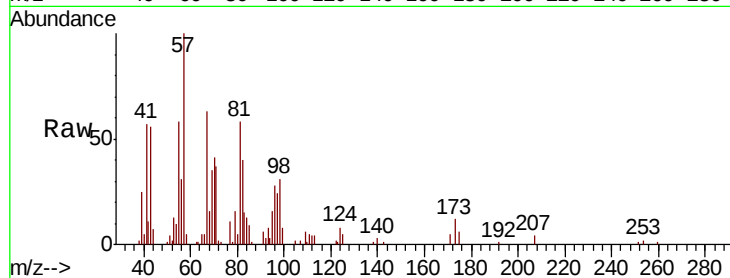
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:	173	Resp:	1650
Ion Ratio	Lower	Upper	
173	100		
175	50.1	24.9	74.6
254	0.0	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

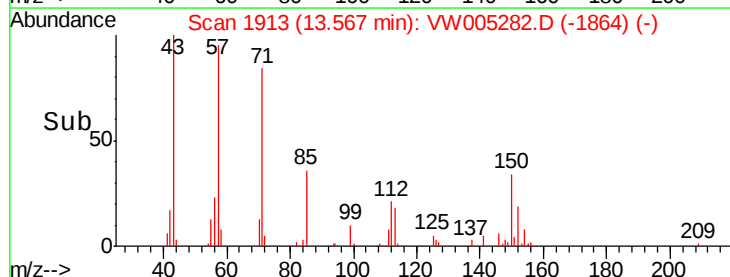
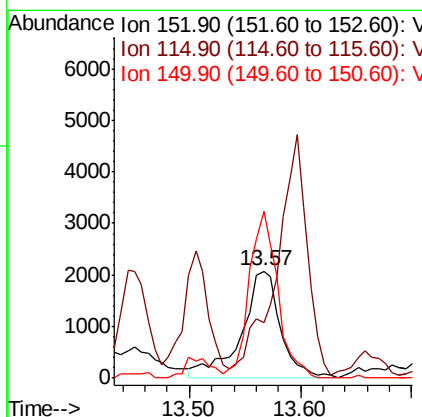
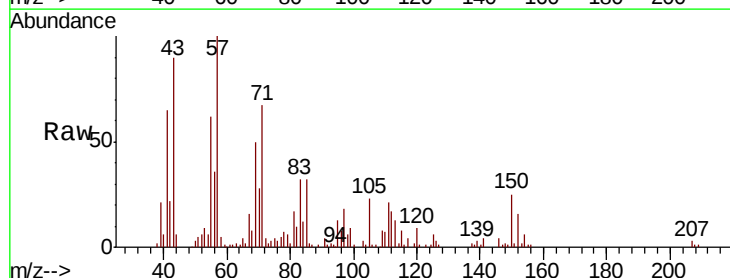
RT: 13.57 min Scan# 1913

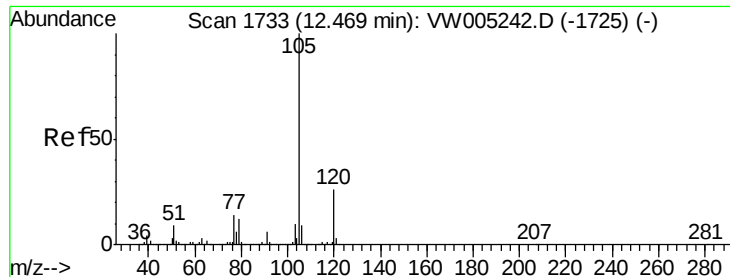
Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Tgt Ion:	152	Resp:	5076
Ion Ratio	Lower	Upper	
152	100		
115	0.0	27.5	82.4#
150	113.8	0.0	347.4





#73

Isopropylbenzene

Concen: 89.40 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 105 Resp: 32062

Ion Ratio Lower Upper

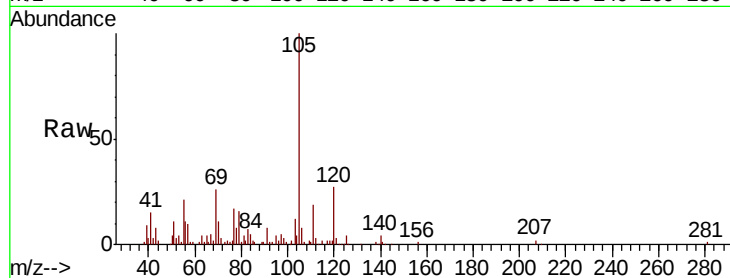
105 100

120 26.3 13.4 40.1

Manual Integrations
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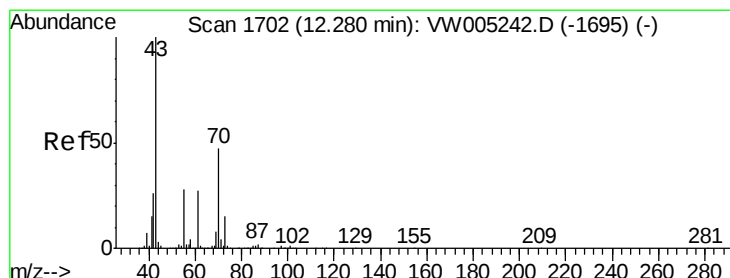
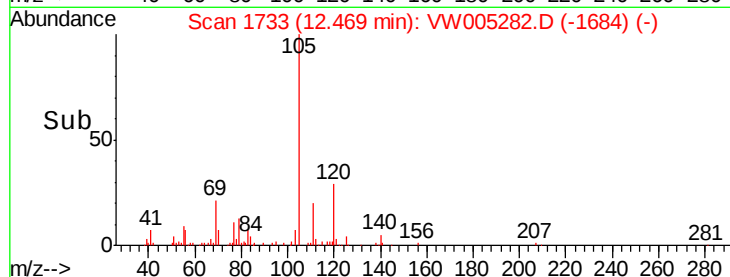
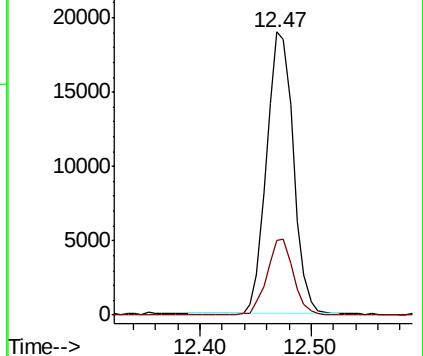
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 310.35 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.02 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Tgt Ion: 43 Resp: 21177

Ion Ratio Lower Upper

43 100

70 34.3 37.9 56.9#

55 35.9 22.6 33.8#

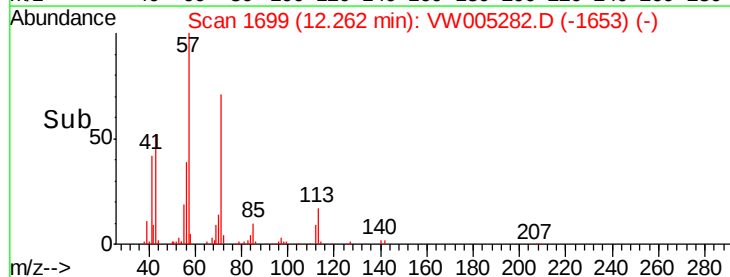
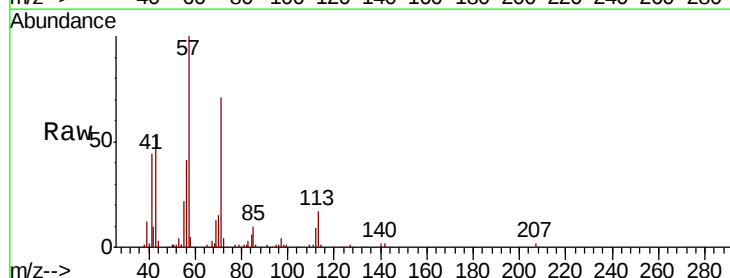
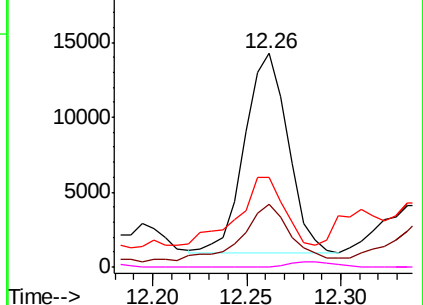
61 0.0 20.9 31.3#

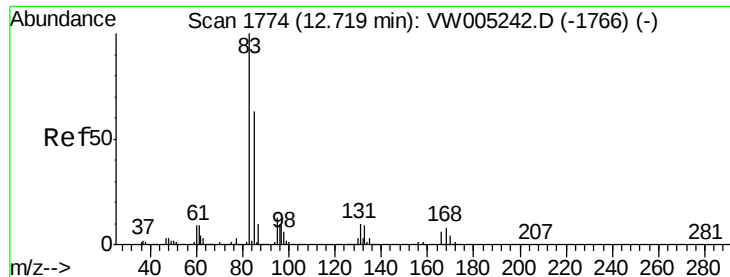
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 76.57 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

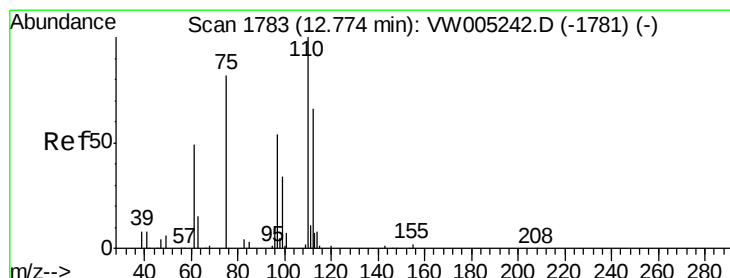
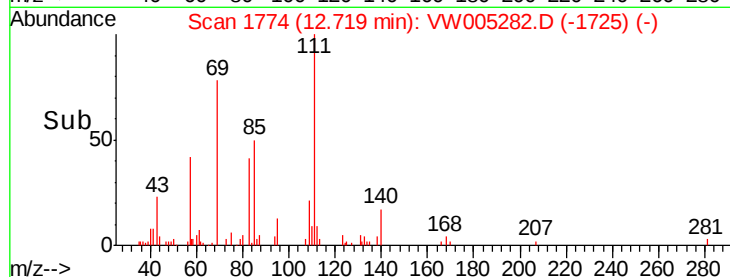
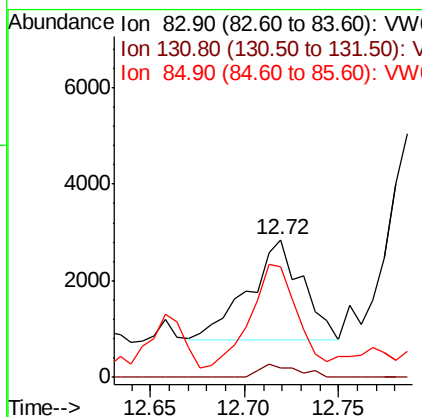
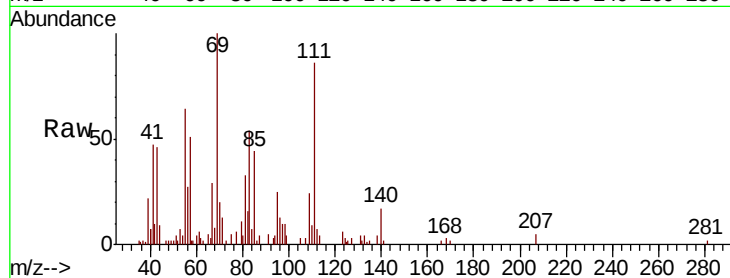
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:	83	Resp:	4127
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.5	16.4
85	87.9	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 68.44 ug/l m

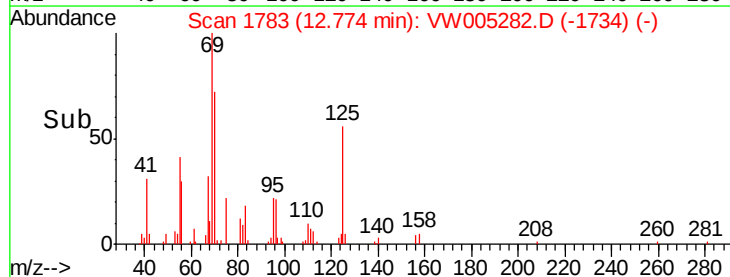
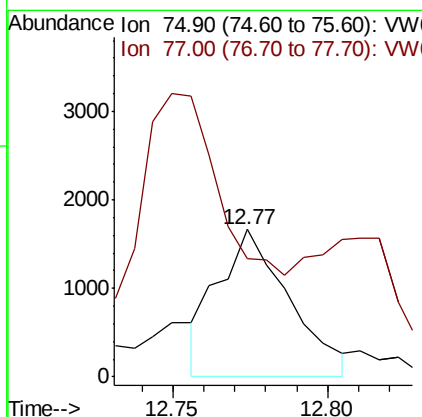
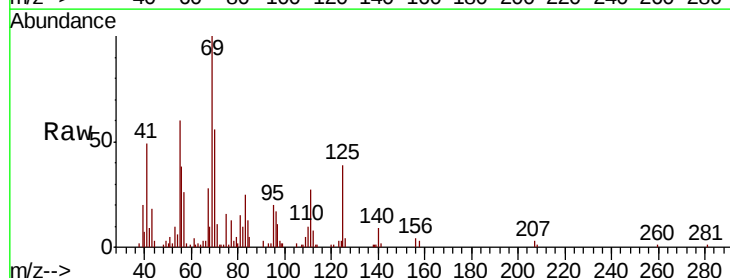
RT: 12.77 min Scan# 1783

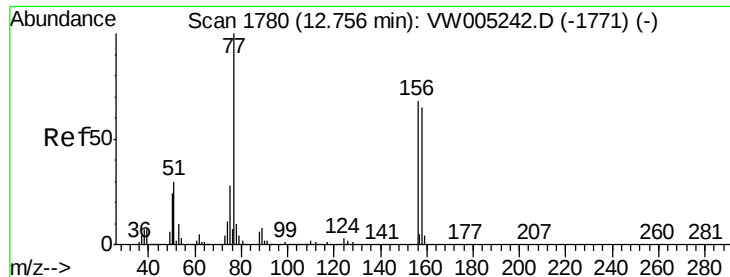
Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Tgt Ion:	75	Resp:	2672
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 43.16 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

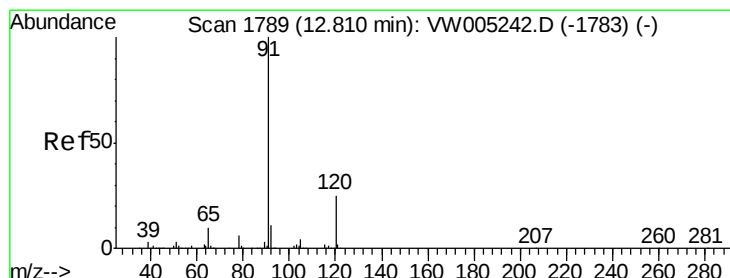
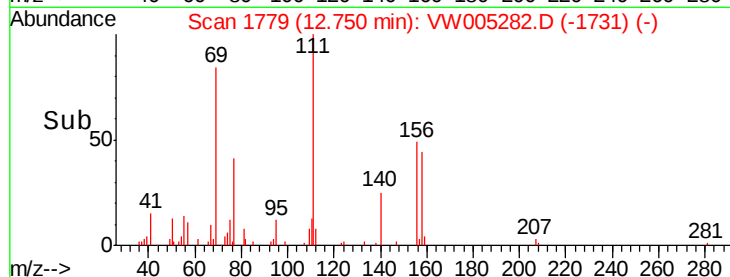
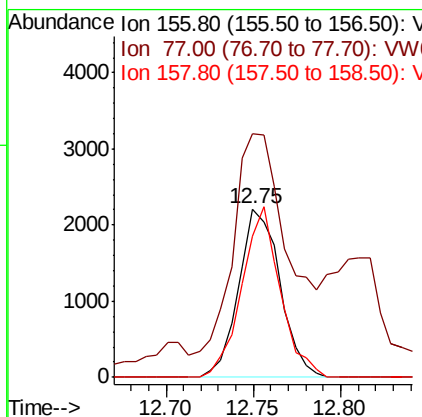
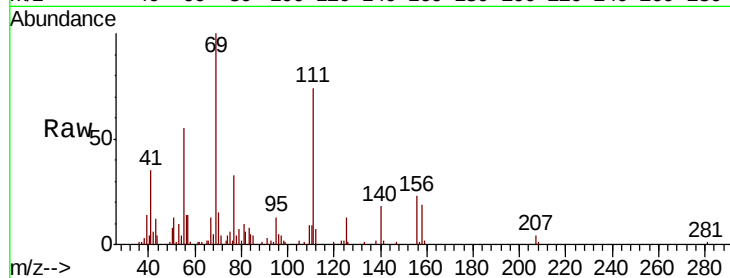
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:	156	Resp:	3647
Ion Ratio	Lower	Upper	
156	100		
77	184.4	86.3	258.8
158	93.8	48.6	145.8

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#78

n-propylbenzene

Concen: 138.76 ug/l

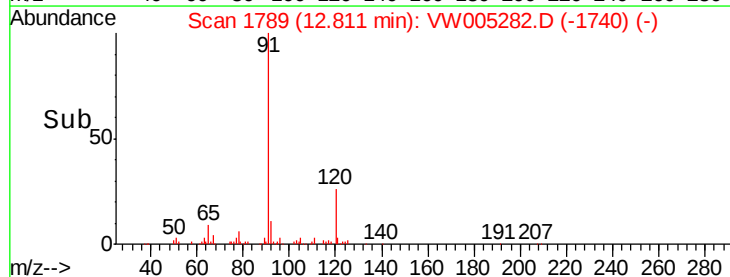
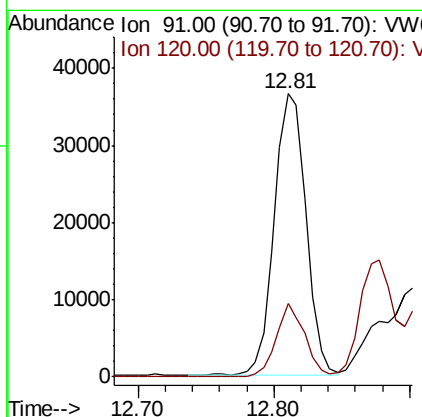
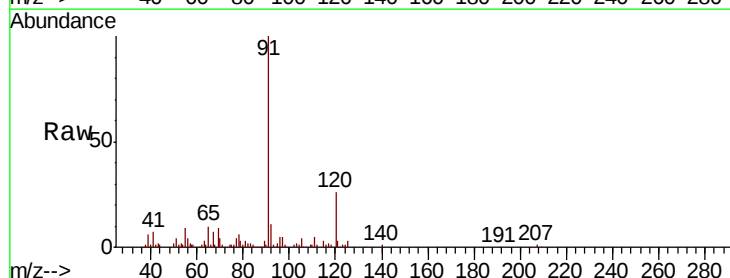
RT: 12.81 min Scan# 1789

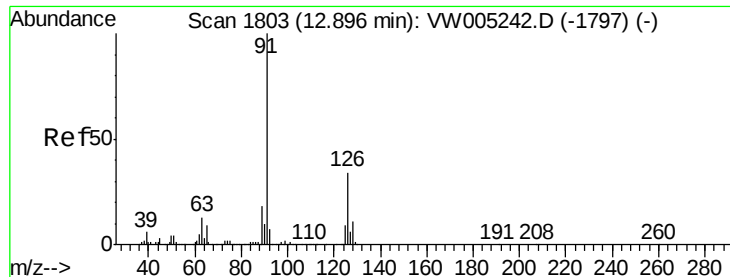
Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Tgt Ion:	91	Resp:	59768
Ion Ratio	Lower	Upper	
91	100		
120	23.5	12.0	36.0





#79

2-Chlorotoluene

Concen: 117.70 ug/l m

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion: 91 Resp: 29072

Ion Ratio Lower Upper

91 100

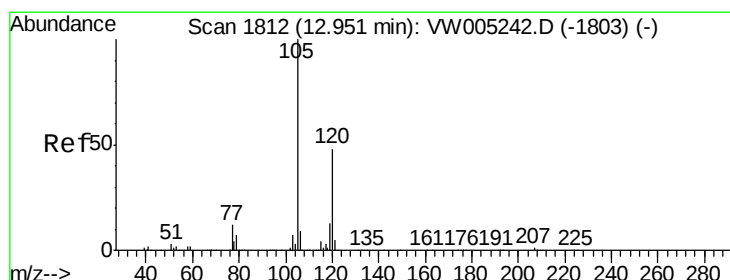
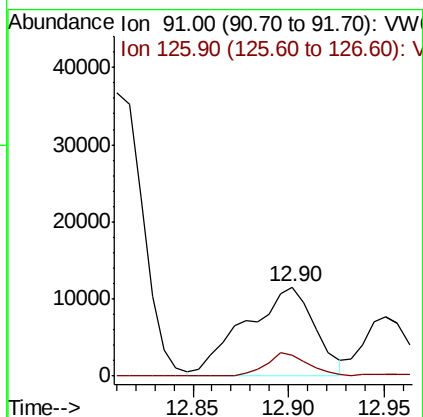
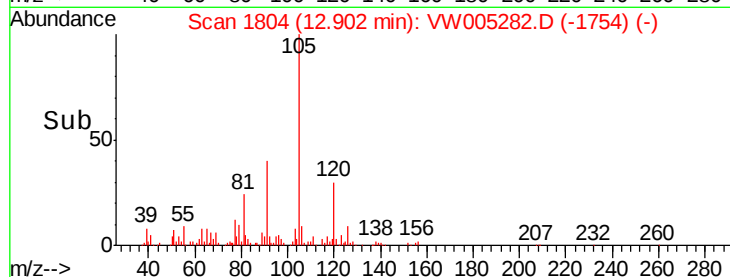
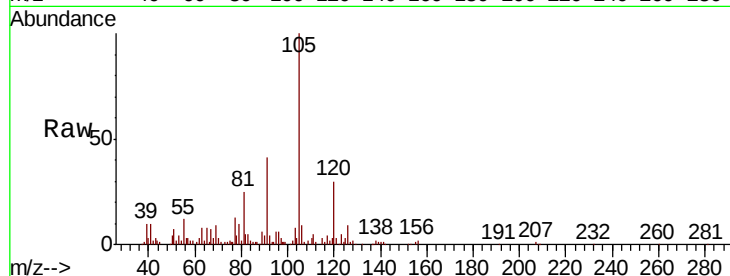
126 14.6 17.2 51.5#

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 383.30 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005282.D

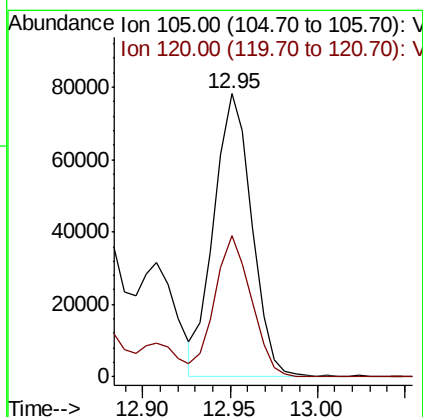
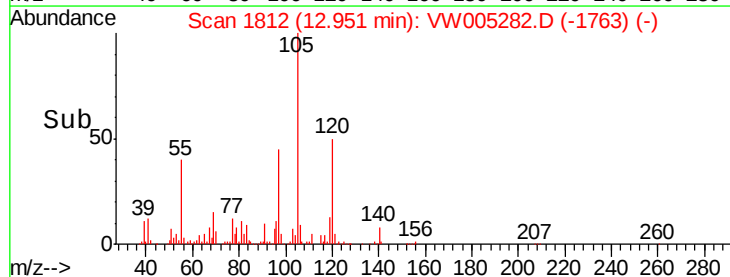
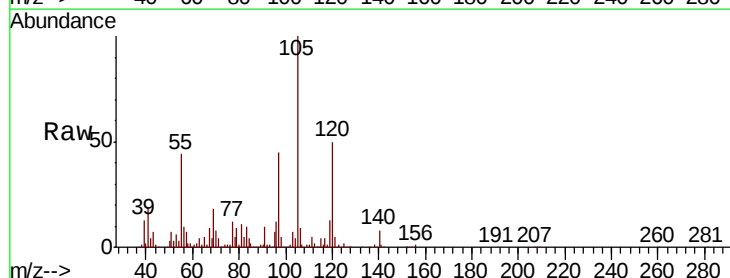
Acq: 11 Sep 2018 18:01

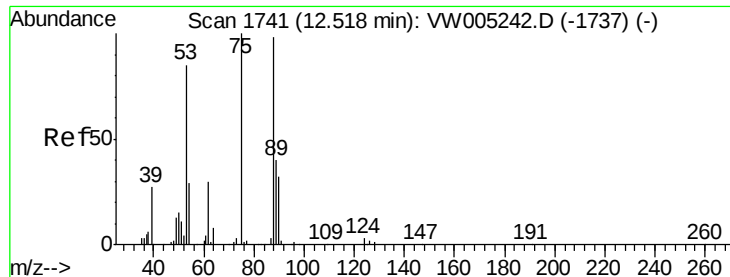
Tgt Ion: 105 Resp: 117056

Ion Ratio Lower Upper

105 100

120 48.4 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 11.47 ug/l

RT: 12.51 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

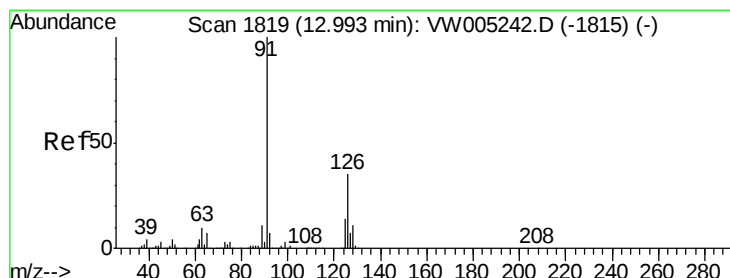
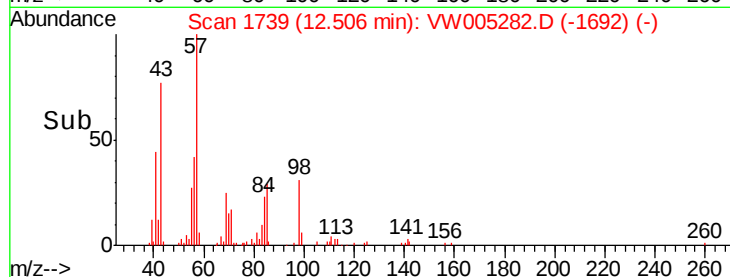
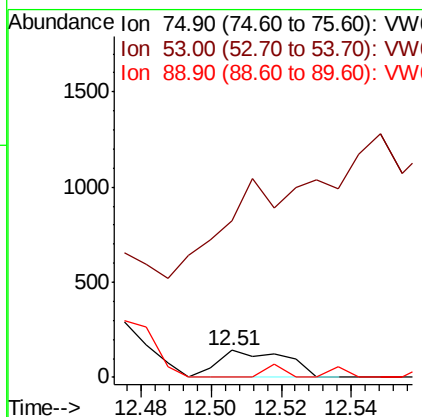
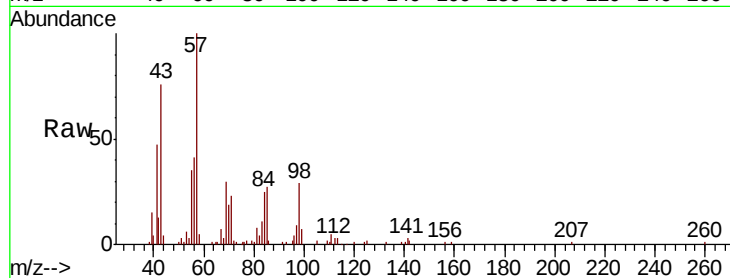
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:	75	Resp:	191
Ion Ratio	Lower	Upper	
75	100		
53	0.0	67.0	100.6#
89	0.0	37.0	55.4#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 41.72 ug/l

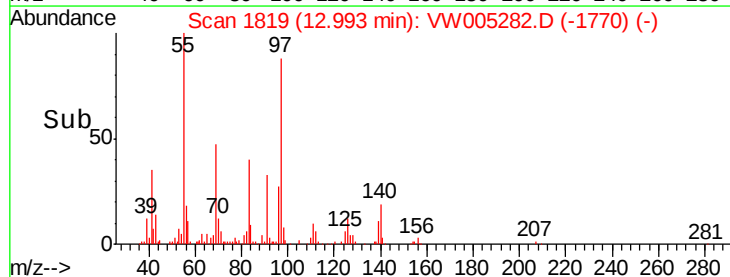
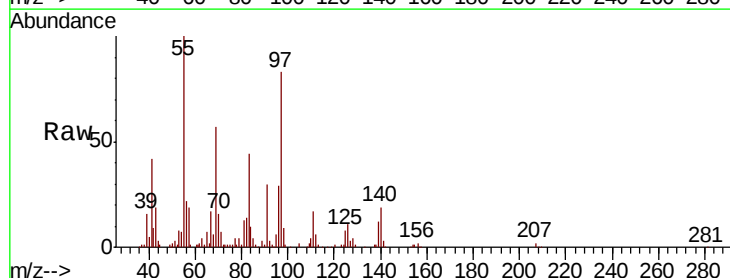
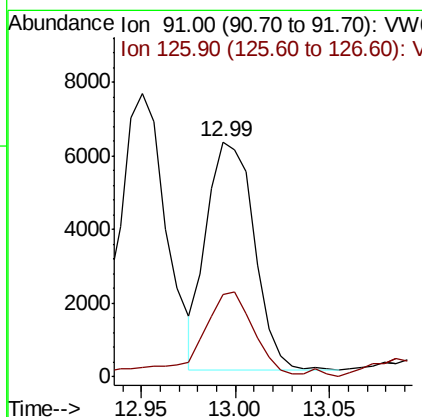
RT: 12.99 min Scan# 1819

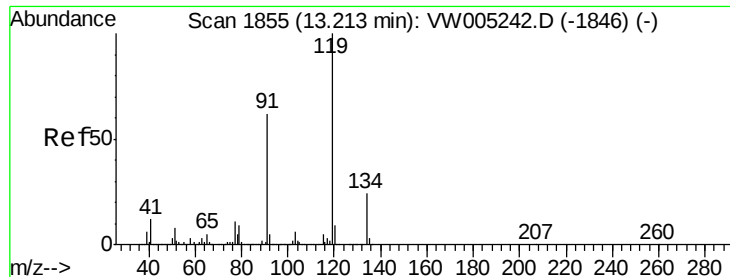
Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Tgt Ion:	91	Resp:	10833
Ion Ratio	Lower	Upper	
91	100		
126	41.6	17.5	52.5





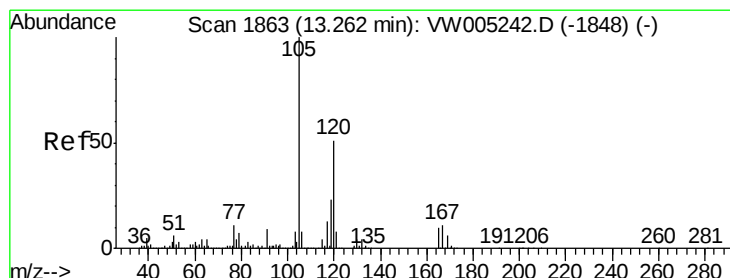
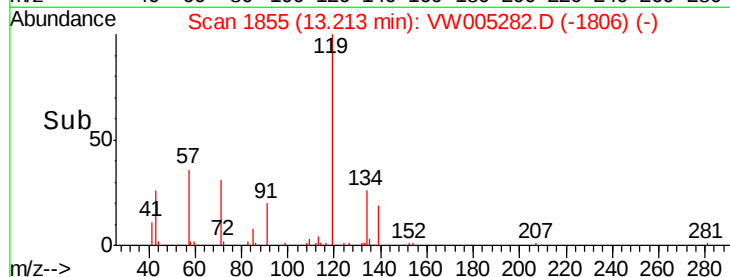
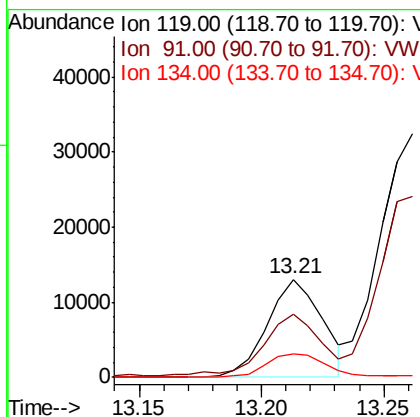
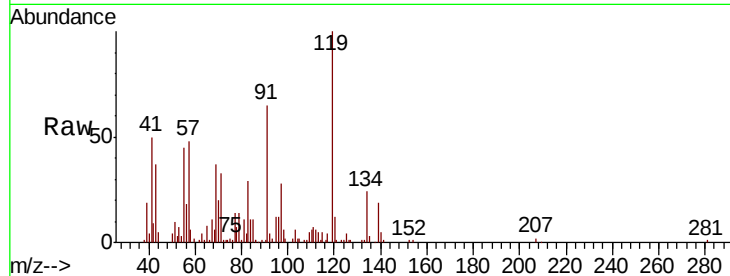
#83
tert-Butylbenzene
Concen: 76.13 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

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

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.5	31.7	95.1
134	27.9	13.0	38.9

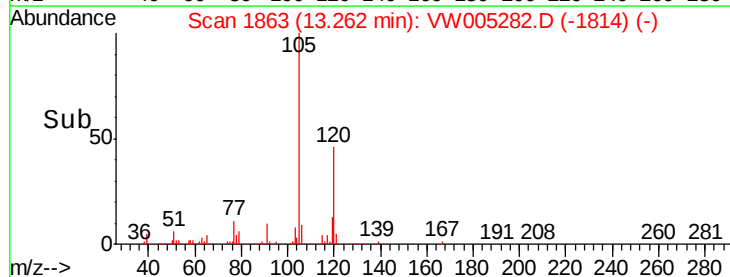
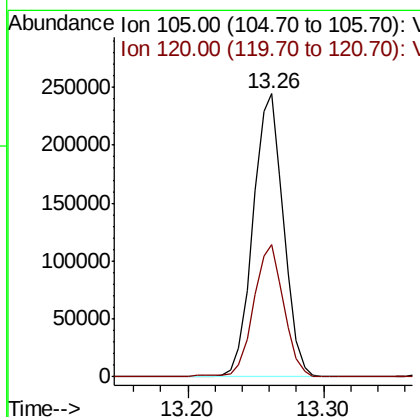
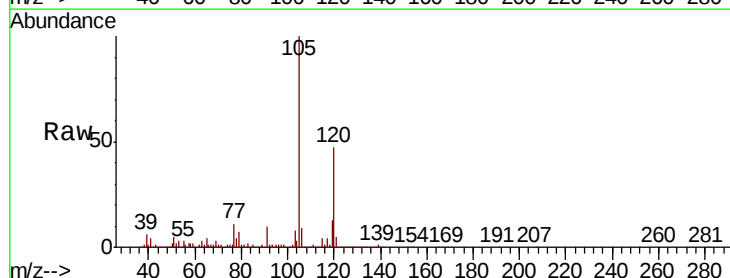
Manual Integrations
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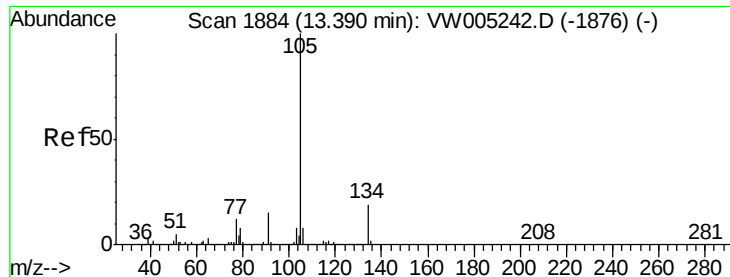
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#84
1,2,4-Trimethylbenzene
Concen: 1247.20 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.00 min
Lab File: VW005282.D
Acq: 11 Sep 2018 18:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.4	70.3





#85

sec-Butylbenzene

Concen: 129.98 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:105 Resp: 49896

Ion Ratio Lower Upper

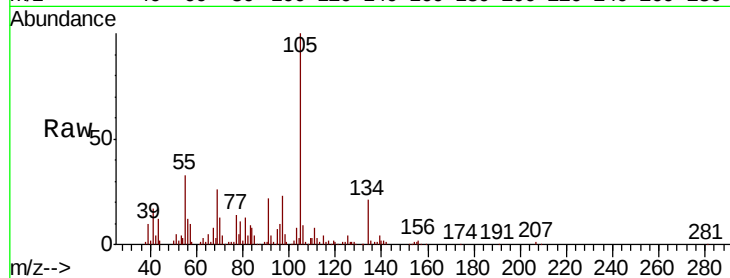
105 100

134 26.0 9.9 29.7

Manual Integrations
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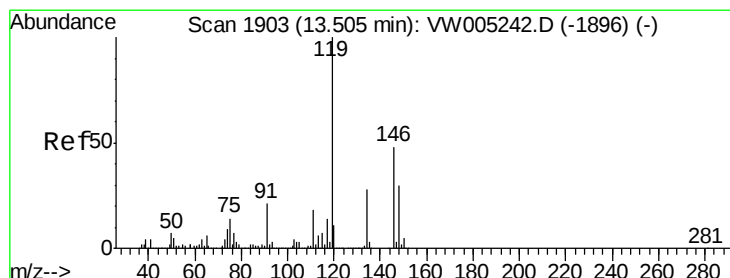
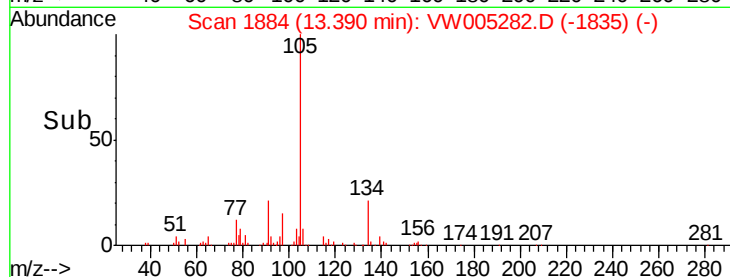
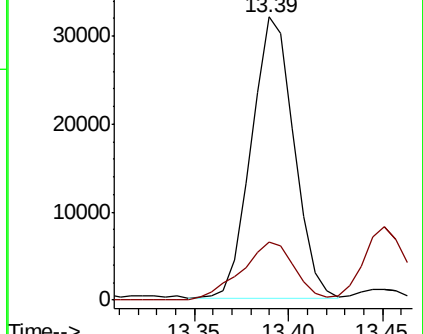
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 146.53 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

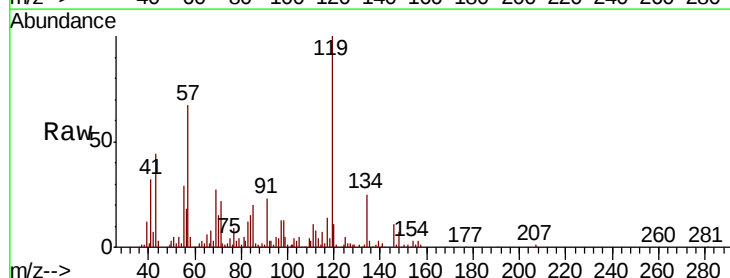
Tgt Ion:119 Resp: 49794

Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

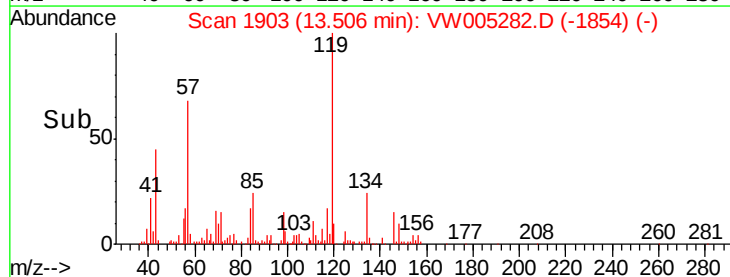
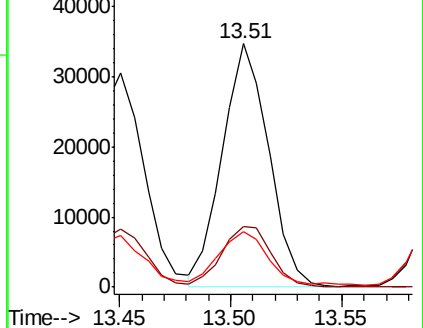
91 23.7 10.7 32.1

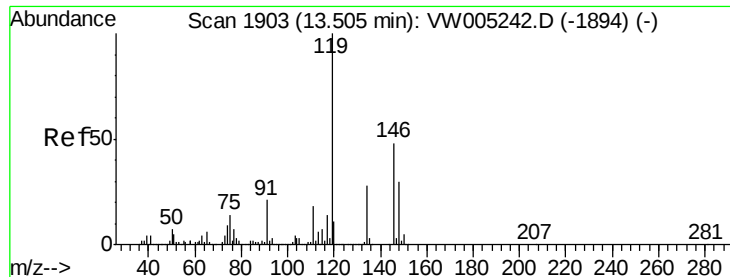


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 32.67 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

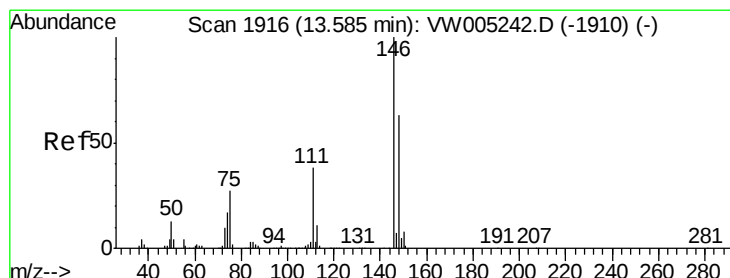
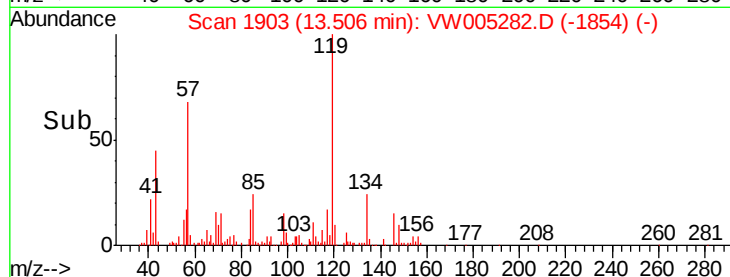
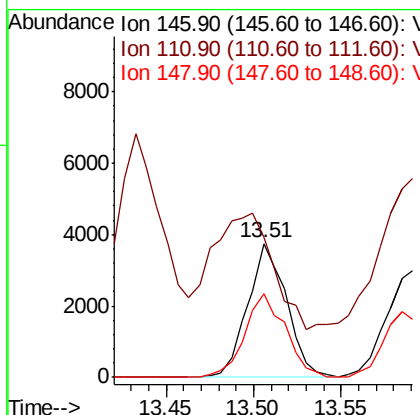
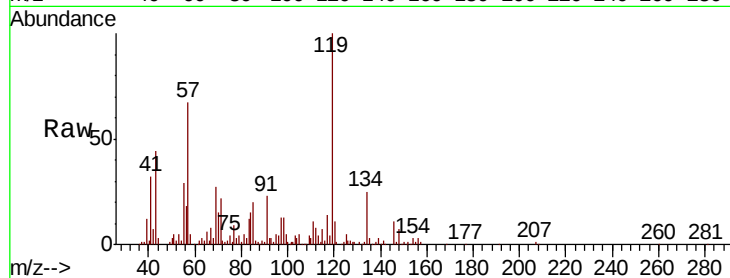
ClientSampleId :

ENY-SB-02-61.0-61.5MS

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

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#88

1,4-Dichlorobenzene

Concen: 27.28 ug/l

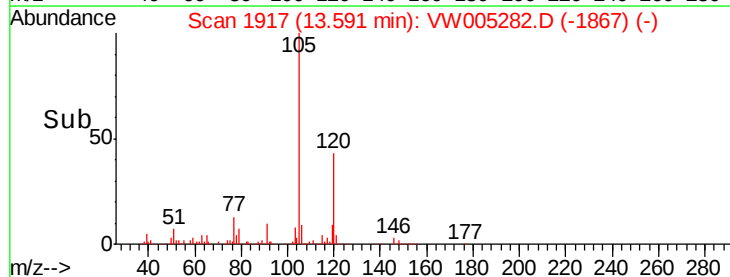
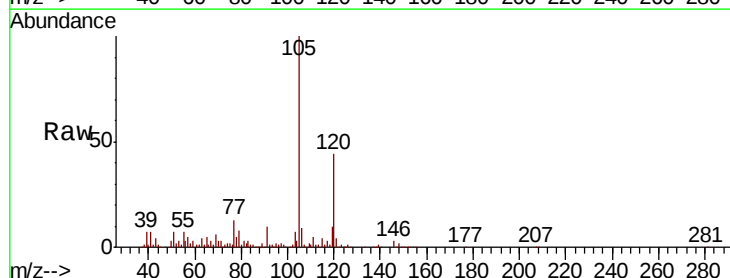
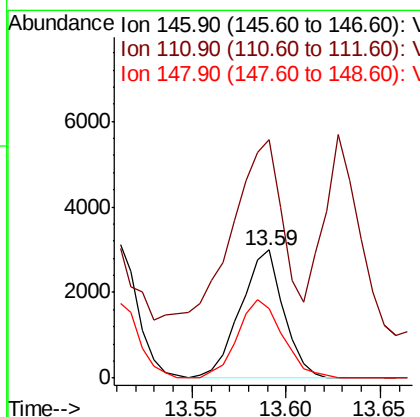
RT: 13.59 min Scan# 1917

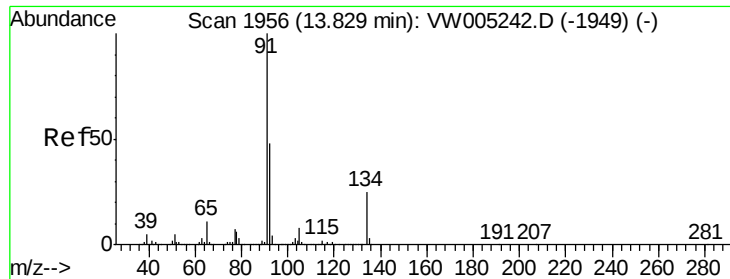
Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

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





#89

n-Butylbenzene

Concen: 137.71 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

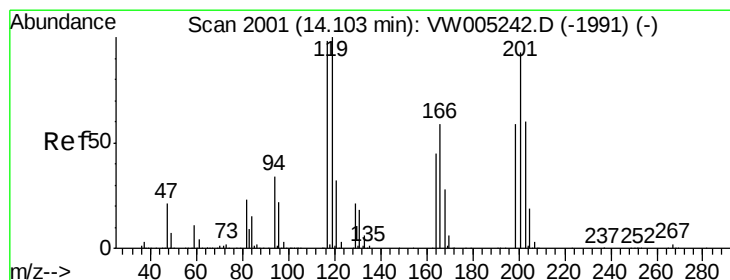
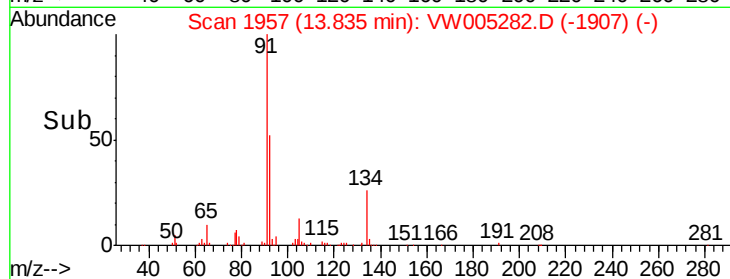
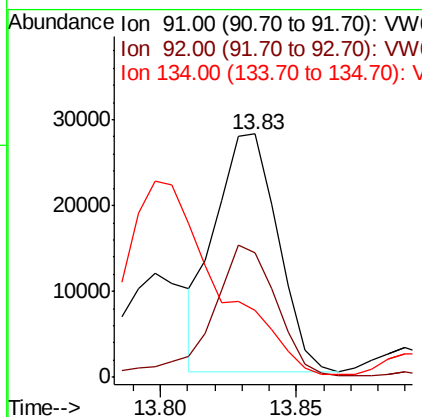
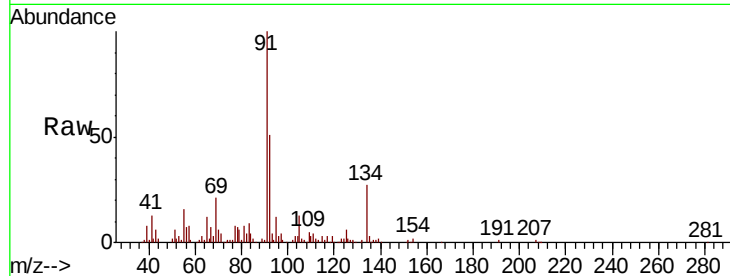
ClientSampleId :

ENY-SB-02-61.0-61.5MS

Tot Ion:	91	Resp:	43990
Ion Ratio	Lower	Upper	
91	100		
92	56.7	25.8	77.3
134	0.0	13.6	40.8#

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#90

Hexachloroethane

Concen: 190.55 ug/l

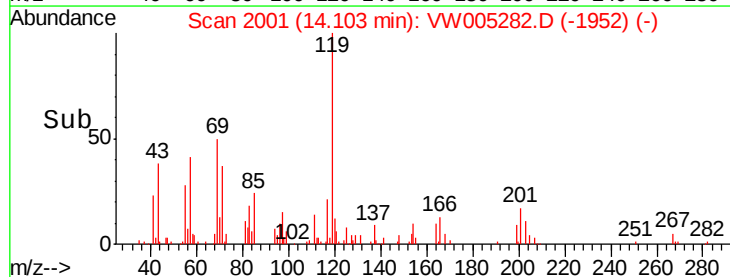
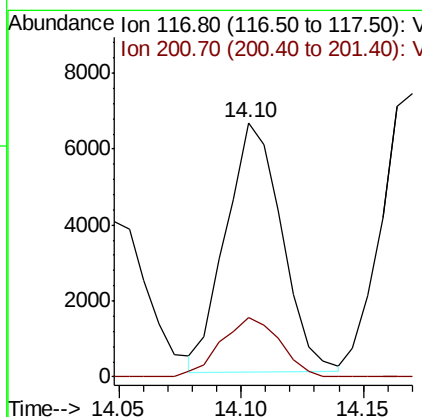
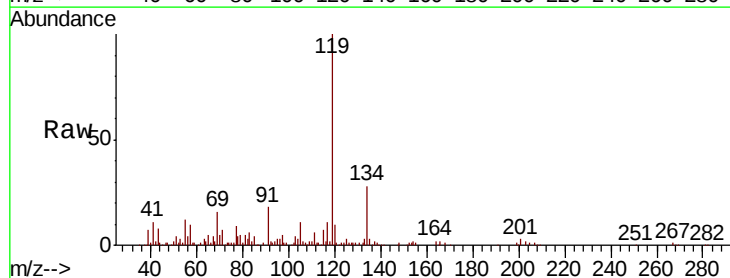
RT: 14.10 min Scan# 2001

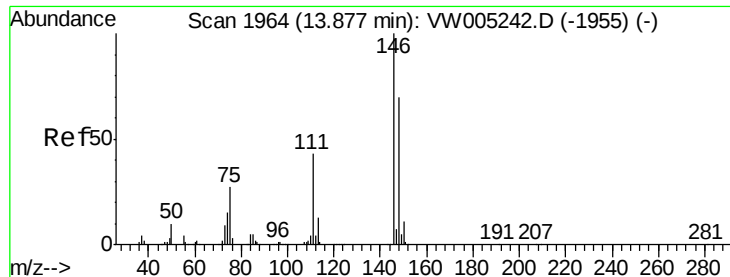
Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Tgt Ion:	117	Resp:	10374
Ion Ratio	Lower	Upper	
117	100		
201	25.1	44.0	132.1#





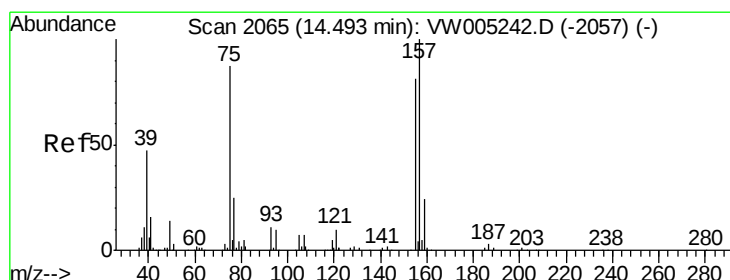
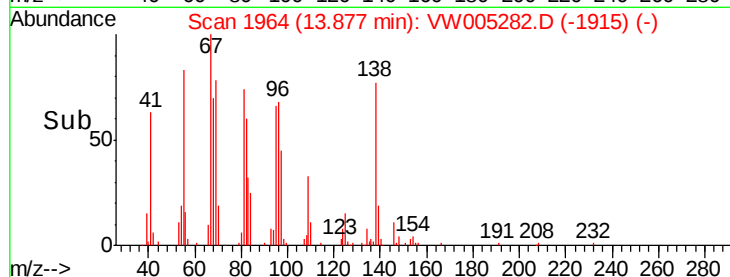
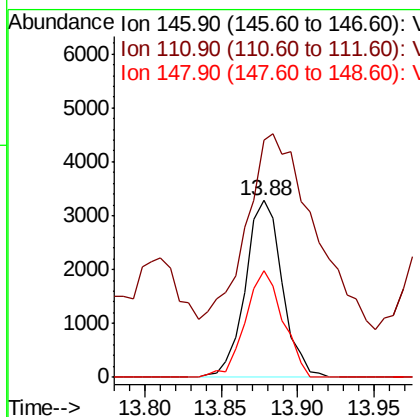
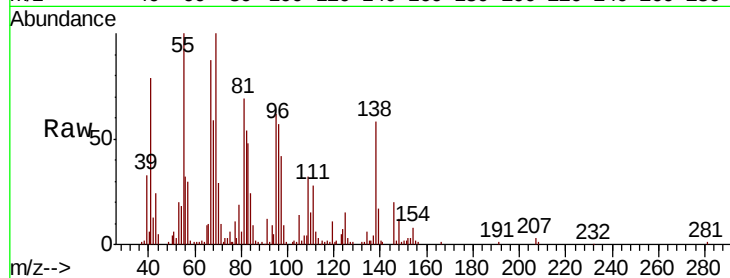
#91
 1,2-Dichlorobenzene
 Concen: 35.22 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	235.4	20.5	61.5#
148	61.5	32.7	98.1

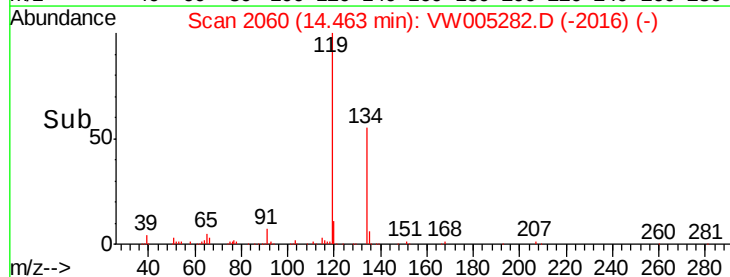
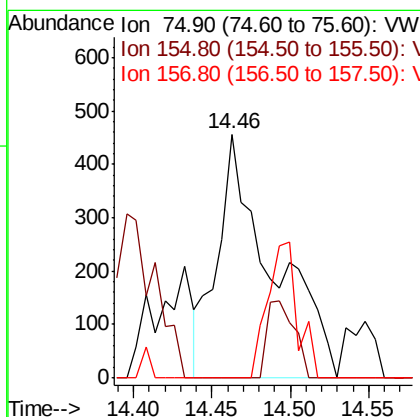
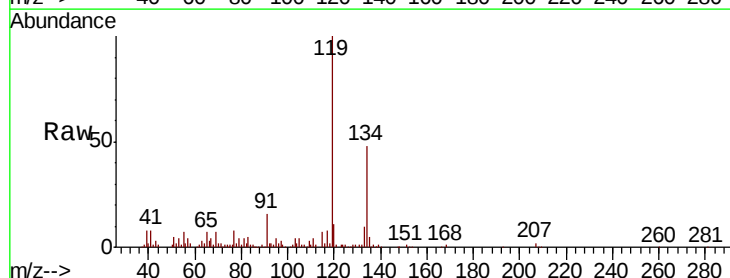
Manual Integrations
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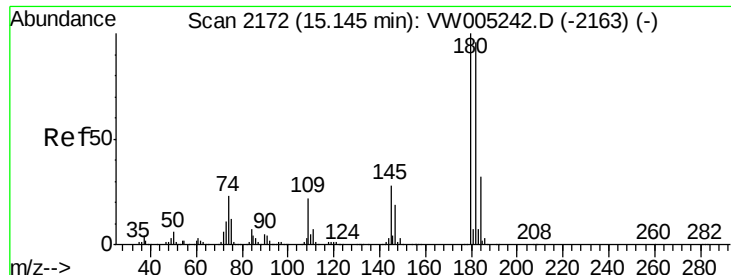
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 123.28 ug/l m
 RT: 14.46 min Scan# 2060
 Delta R.T. -0.03 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

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





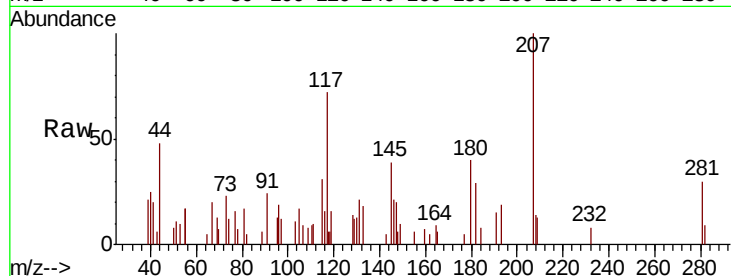
#93
 1,2,4-Trichlorobenzene
 Concen: 6.23 ug/l
 RT: 15.15 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.5	48.1	144.4
145	0.0	14.5	43.6#

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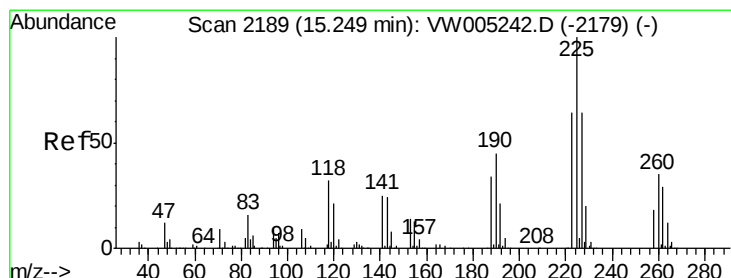
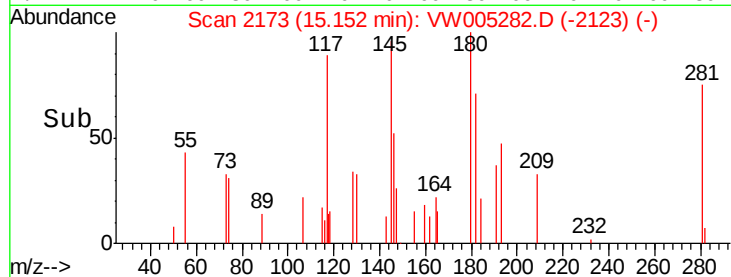
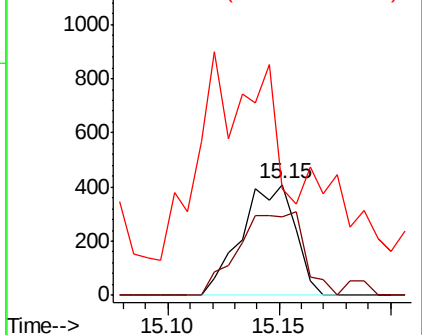


Abundance

Ion 179.80 (179.50 to 180.50): V

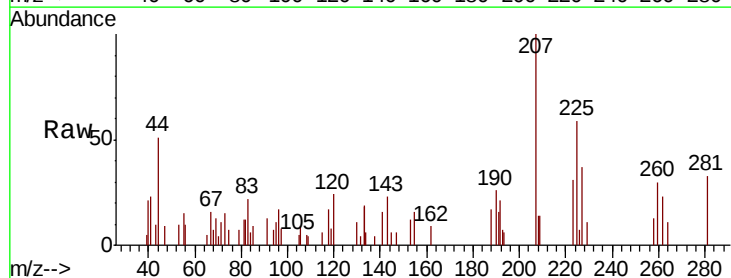
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.01 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: VW005282.D
 Acq: 11 Sep 2018 18:01

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

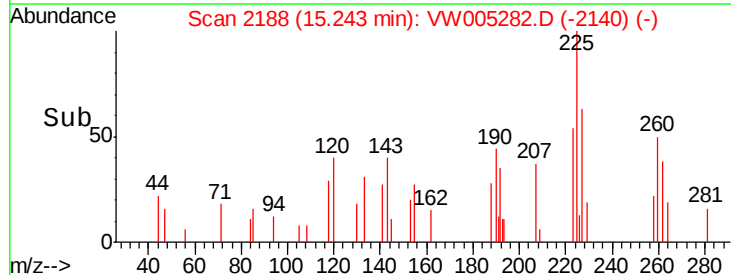
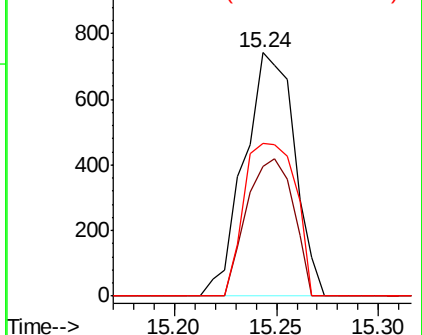


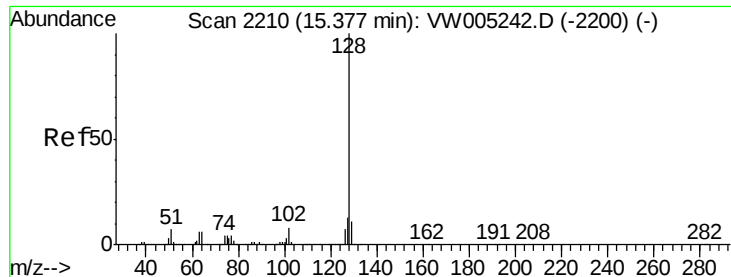
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 63.24 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

Instrument :

MSVOA_W

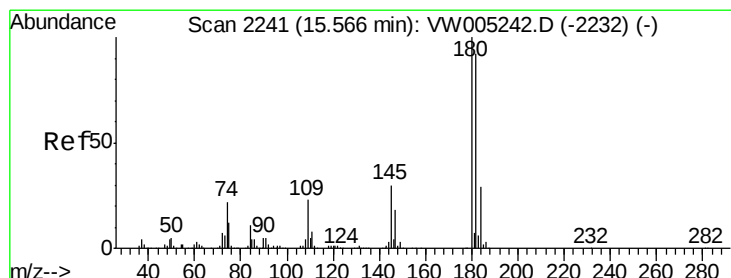
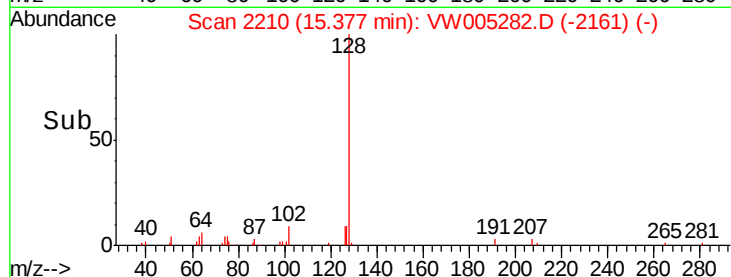
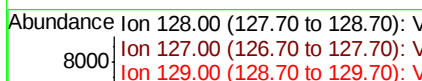
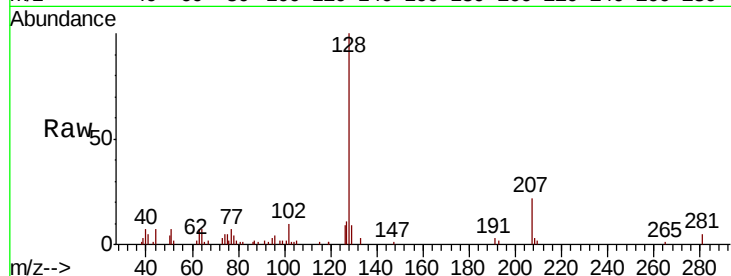
ClientSampleId :

ENY-SB-02-61.0-61.5MS

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

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#96

1,2,3-Trichlorobenzene

Concen: 3.77 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VW005282.D

Acq: 11 Sep 2018 18:01

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

