

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003482.D
 Acq On : 24 Jun 2018 02:21
 Operator : SY/AP
 Sample : J3670-02MS
 Misc : 6.39G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-13-15-180621MS

Manual Integrations
 APPROVED

apatel
 6/26/2018 11:11:12 AM

Quant Time: Jun 25 04:36:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	293295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	146868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124904	62.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.98%	
35) Dibromofluoromethane	7.89	113	100644	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
50) Toluene-d8	10.33	98	400206	55.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.76%	
62) 4-Bromofluorobenzene	12.63	95	146016	57.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	40397	72.41	ug/l	87
3) Chloromethane	2.21	50	67947	48.20	ug/l	95
4) Vinyl Chloride	2.36	62	105529	51.35	ug/l	99
5) Bromomethane	2.78	94	61128	44.76	ug/l	94
6) Chloroethane	2.93	64	64929	45.39	ug/l	99
7) Trichlorofluoromethane	3.26	101	63630	51.69	ug/l	92
8) Diethyl Ether	3.68	74	51116	56.52	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	91889	53.75	ug/l	98
10) Methyl Iodide	4.26	142	129333	50.03	ug/l	98
11) Tert butyl alcohol	5.24	59	45608	425.45	ug/l #	97
12) 1,1-Dichloroethene	4.03	96	88252	52.83	ug/l	94
13) Acrolein	3.90	56	22123	144.34	ug/l	99
14) Allyl chloride	4.67	41	151766	52.45	ug/l	98
15) Acrylonitrile	5.38	53	143279	385.08	ug/l	99
16) Acetone	4.15	43	181340	432.57	ug/l	98
17) Carbon Disulfide	4.37	76	246393	49.89	ug/l	99
18) Methyl Acetate	4.68	43	190371	191.42	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	195914	62.62	ug/l	99
20) Methylene Chloride	4.91	84	101138	57.33	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	97498	53.63	ug/l	97
22) Diisopropyl ether	6.31	45	309690	53.18	ug/l	98
23) Vinyl Acetate	6.26	43	434821m	129.56	ug/l	
24) 1,1-Dichloroethane	6.21	63	182687	52.84	ug/l	97
25) 2-Butanone	7.18	43	210867	404.51	ug/l	97
26) 2,2-Dichloropropane	7.17	77	110830	48.03	ug/l	90
27) cis-1,2-Dichloroethene	7.17	96	242965	121.65	ug/l	95
28) Bromochloromethane	7.51	49	94497	65.68	ug/l	97
29) Tetrahydrofuran	7.54	42	128231	402.49	ug/l	99
30) Chloroform	7.68	83	184639	52.42	ug/l	99
31) Cyclohexane	7.96	56	161718	50.07	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	152035	52.29	ug/l	100
36) 1,1-Dichloropropene	8.09	75	145694	51.44	ug/l	100
37) Ethyl Acetate	7.26	43	63152	53.82	ug/l #	80
38) Carbon Tetrachloride	8.07	117	143707	51.72	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	169462	51.71	ug/l	97
40) Benzene	8.33	78	404938	51.87	ug/l	100
41) Methacrylonitrile	7.49	41	52457	72.85	ug/l	98
42) 1,2-Dichloroethane	8.40	62	138280	56.53	ug/l	99
43) Isopropyl Acetate	8.43	43	134338	57.66	ug/l	100
44) Trichloroethene	9.09	130	106343	51.40	ug/l	97
45) 1,2-Dichloropropane	9.37	63	104796	52.72	ug/l	100
46) Dibromomethane	9.46	93	59923	58.88	ug/l	98
47) Bromodichloromethane	9.65	83	138756	53.19	ug/l	100
48) Methyl methacrylate	9.44	41	82761	75.58	ug/l	96
49) 1,4-Dioxane	9.48	88	24121	1569.65	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	455087	383.31	ug/l	100
52) Toluene	10.39	92	255730	51.08	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	149611	56.14	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	158520	52.26	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	86279	60.16	ug/l	96
56) Ethyl methacrylate	10.65	69	109897	63.10	ug/l	99
57) 1,3-Dichloropropane	10.94	76	147585	59.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	268521	343.95	ug/l	98
59) 2-Hexanone	10.98	43	336305	405.48	ug/l	99
60) Dibromochloromethane	11.13	129	97676	57.27	ug/l	99
61) 1,2-Dibromoethane	11.24	107	83502	61.55	ug/l	100
64) Tetrachloroethene	10.87	164	120642	65.43	ug/l	99
65) Chlorobenzene	11.66	112	1881581	327.78	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	102359	50.74	ug/l	99
67) Ethyl Benzene	11.74	91	510151	50.13	ug/l	99
68) m/p-Xylenes	11.85	106	379853	98.20	ug/l	100
69) o-Xylene	12.17	106	180959	50.48	ug/l	100
70) Styrene	12.19	104	306806	51.42	ug/l	99
71) Bromoform	12.35	173	63742	60.97	ug/l #	99
73) Isopropylbenzene	12.47	105	506741	49.61	ug/l	100
74) N-amyl acetate	12.28	43	91306	39.27	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	112174	64.91	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	81544m	64.95	ug/l	
77) Bromobenzene	12.76	156	118535	49.82	ug/l	92
78) n-propylbenzene	12.81	91	612668	48.98	ug/l	100
79) 2-Chlorotoluene	12.90	91	349696	49.47	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	421162	49.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33818	61.98	ug/l	97
82) 4-Chlorotoluene	12.99	91	361247	48.17	ug/l	99
83) tert-Butylbenzene	13.21	119	380082	52.01	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	427592	48.48	ug/l	100
85) sec-Butylbenzene	13.39	105	535649	49.32	ug/l	99
86) p-Isopropyltoluene	13.51	119	462165	48.24	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	239834	49.07	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	258018	53.11	ug/l	99
89) n-Butylbenzene	13.83	91	441588	47.29	ug/l	99
90) Hexachloroethane	14.10	117	82445	47.57	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	276996	64.70	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21066	72.43	ug/l	98

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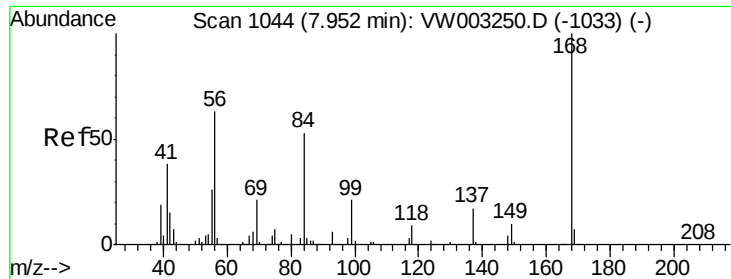
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	144495	48.08	ug/l	99
94) Hexachlorobutadiene	15.25	225	75585	41.81	ug/l	97
95) Naphthalene	15.38	128	335450	65.80	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	132841	50.22	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion:168 Resp: 184539

Ion Ratio Lower Upper

168 100

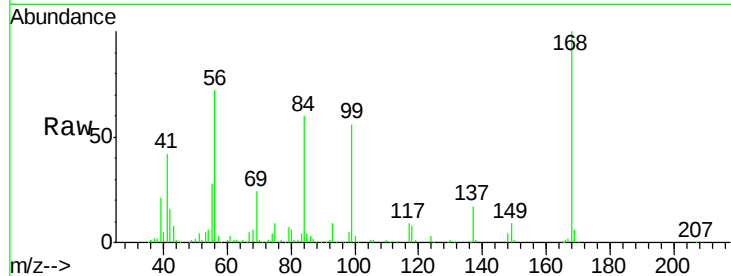
99 55.8 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

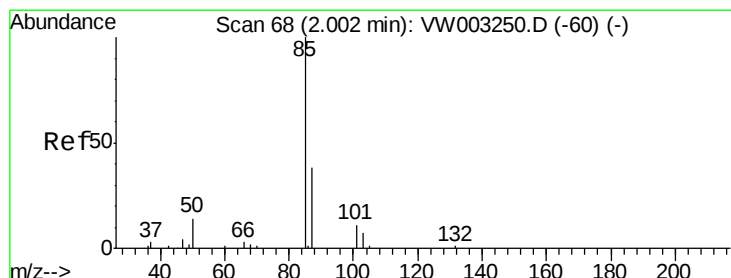
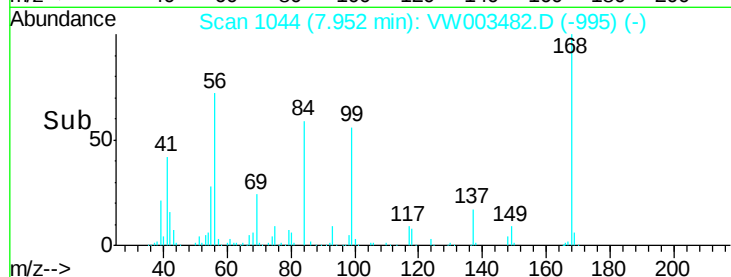
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 72.41 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003482.D

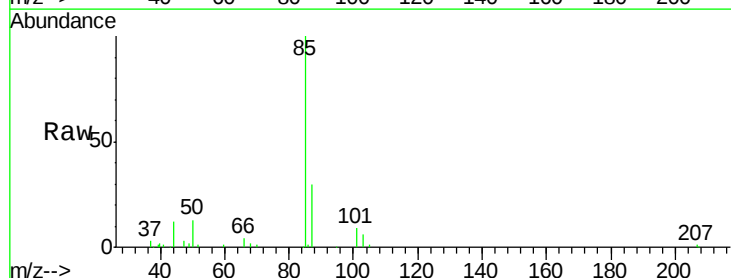
Acq: 24 Jun 2018 02:21

Tgt Ion: 85 Resp: 40397

Ion Ratio Lower Upper

85 100

87 30.2 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

15000

10000

5000

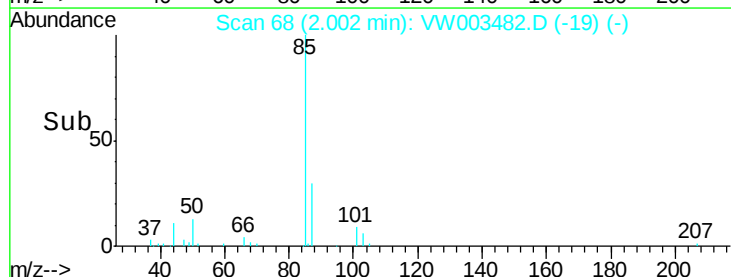
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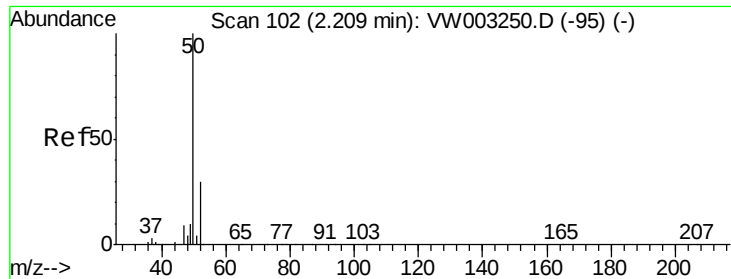
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 48.20 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion: 50 Resp: 67947

Ion Ratio Lower Upper

50 100

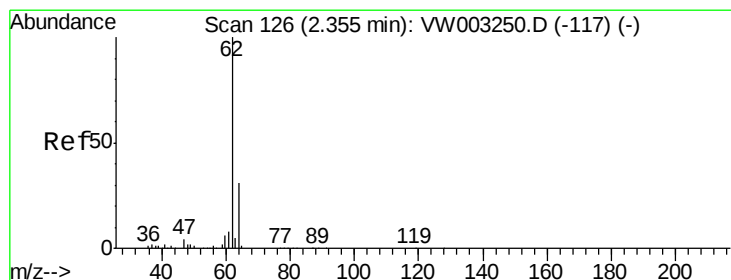
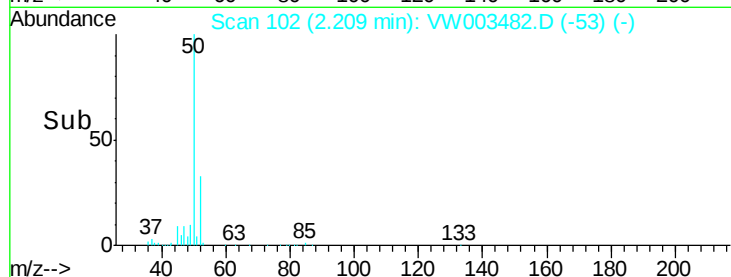
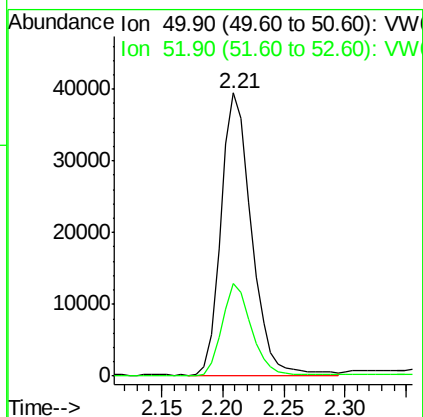
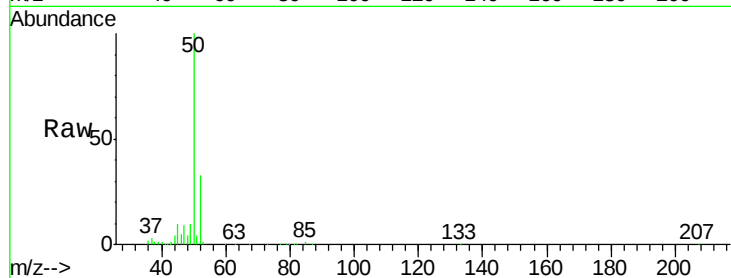
52 32.7 24.2 36.2

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#4

Vinyl Chloride

Concen: 51.35 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003482.D

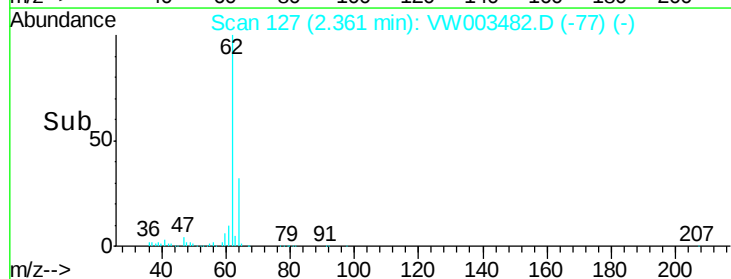
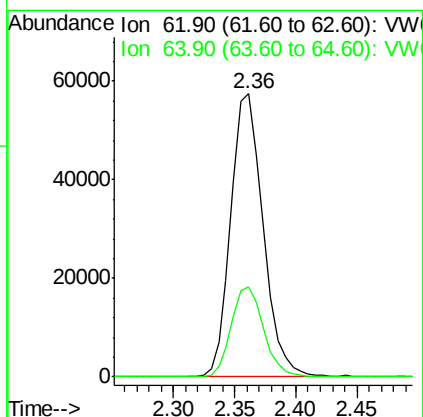
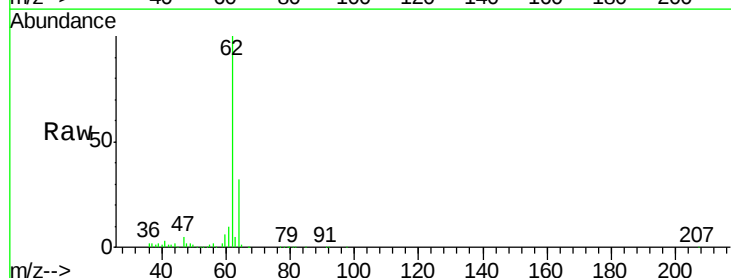
Acq: 24 Jun 2018 02:21

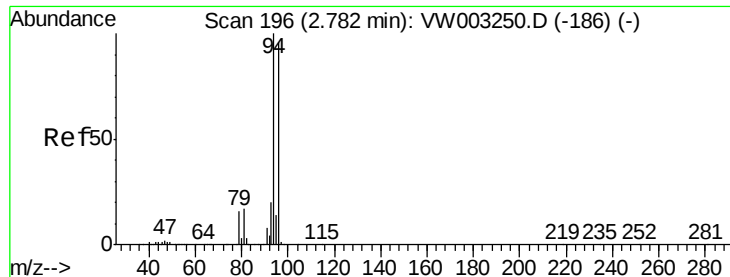
Tgt Ion: 62 Resp: 105529

Ion Ratio Lower Upper

62 100

64 31.6 24.9 37.3





#5

Bromomethane

Concen: 44.76 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003482.D

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Tot Ion: 94 Resp: 61128

Ion Ratio Lower Upper

94 100

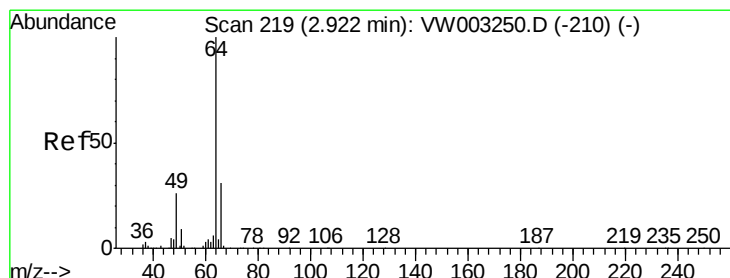
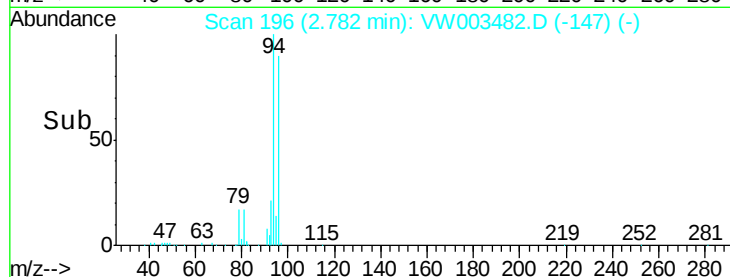
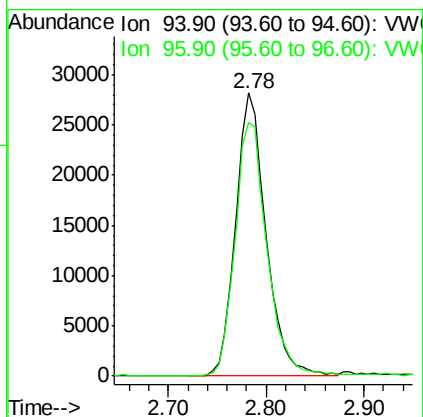
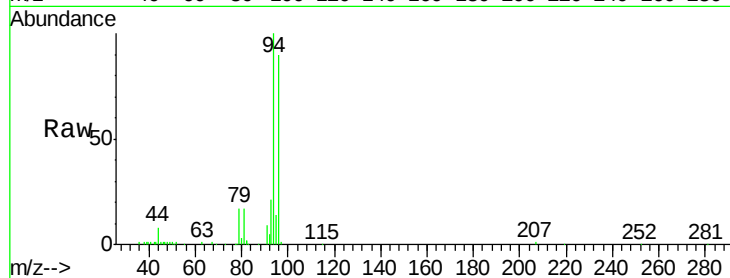
96 89.9 76.5 114.7

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#6

Chloroethane

Concen: 45.39 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW003482.D

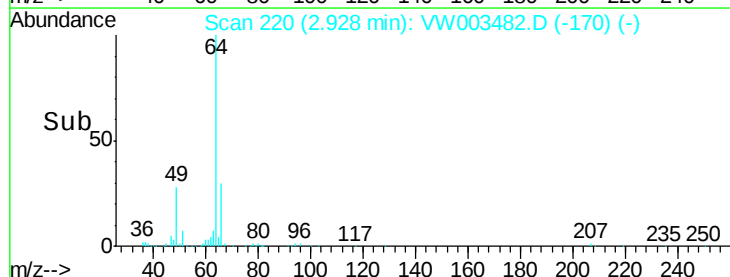
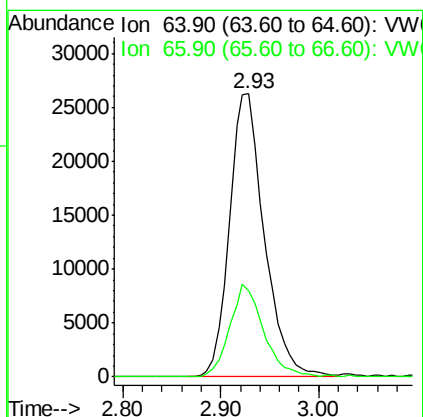
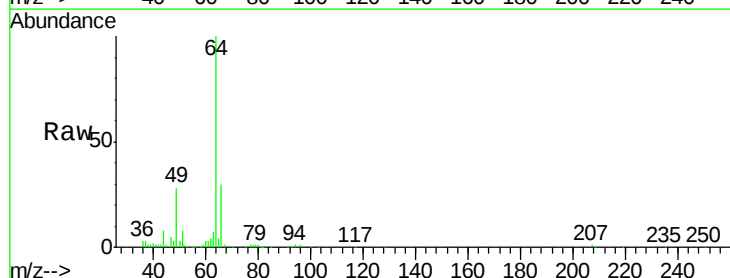
Acq: 24 Jun 2018 02:21

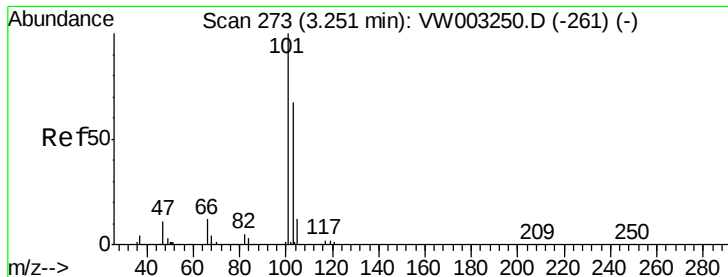
Tgt Ion: 64 Resp: 64929

Ion Ratio Lower Upper

64 100

66 30.2 24.4 36.6





#7

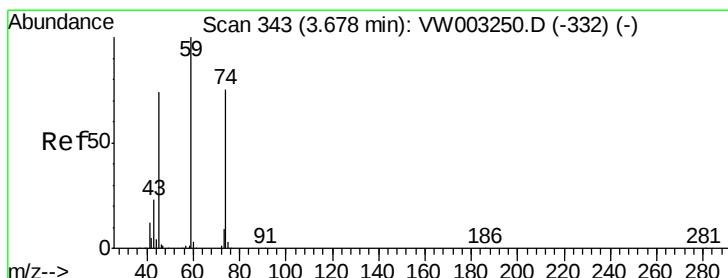
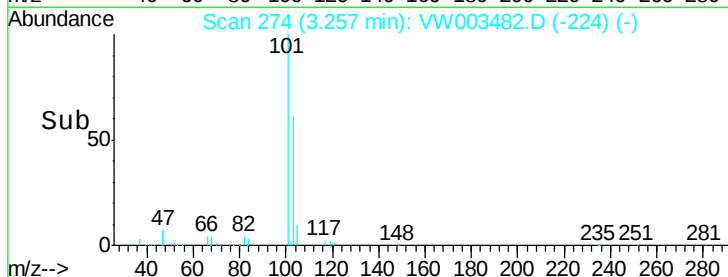
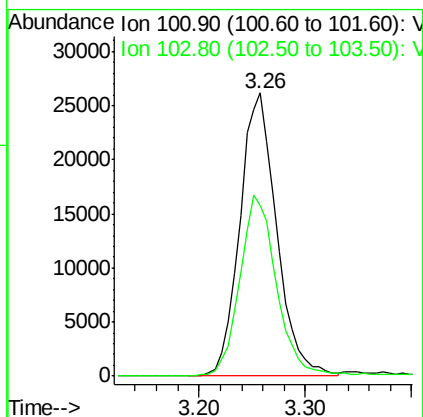
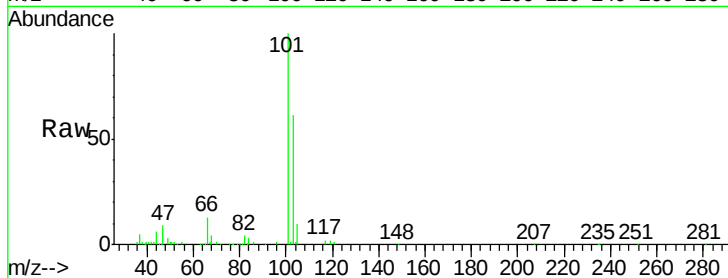
Trichlorofluoromethane
Concen: 51.69 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW003482.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.5	53.4	80.0

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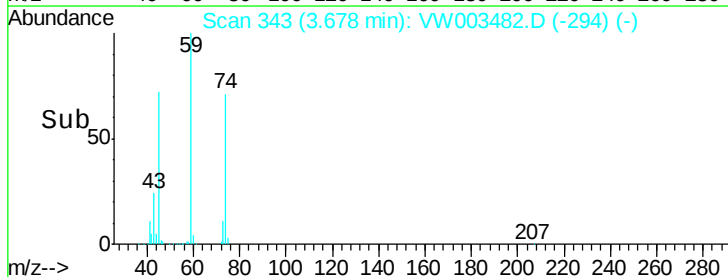
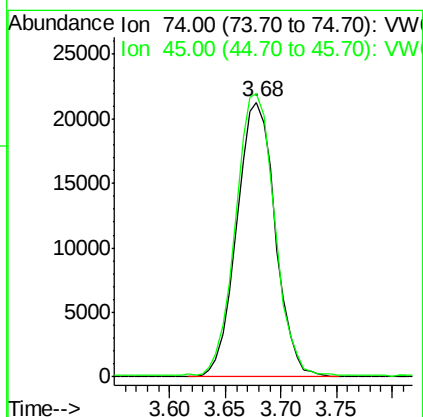
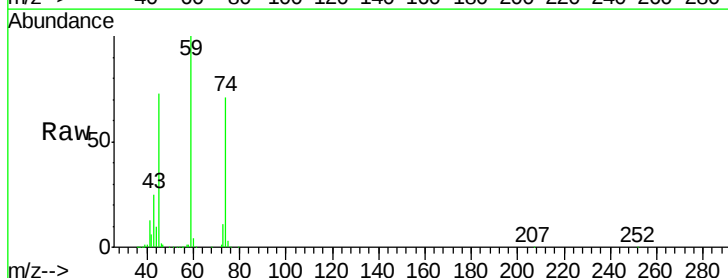
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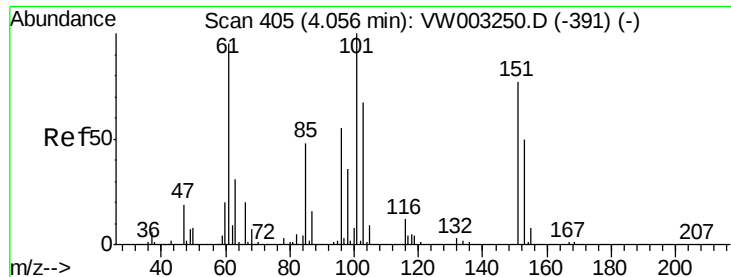


#8

Diethyl Ether
Concen: 56.52 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.4	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.75 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003482.D

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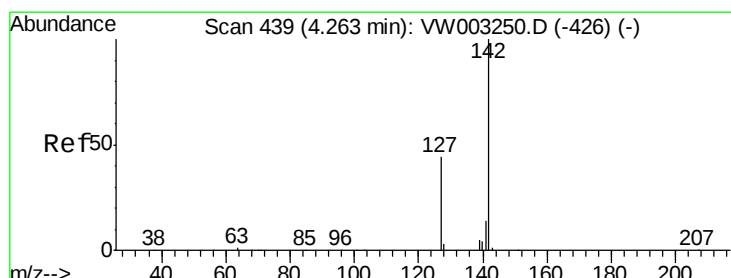
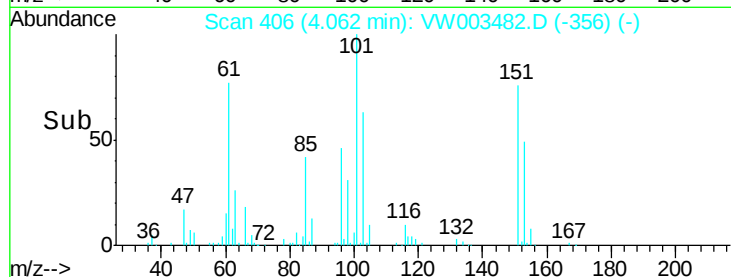
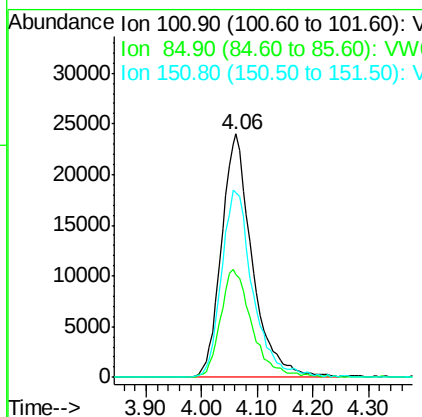
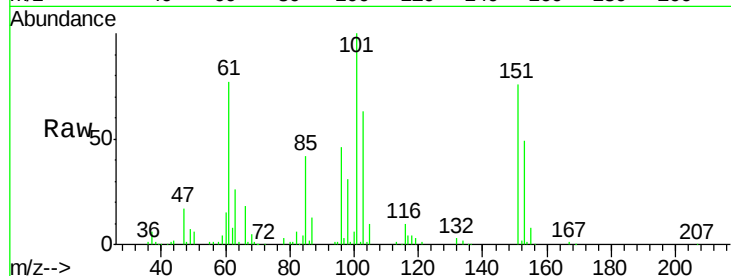
ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion:	101	Resp:	91889
Ion Ratio	Lower	Upper	
101	100		
85	45.3	37.0	55.6
151	77.5	63.3	94.9

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#10

Methyl Iodide

Concen: 50.03 ug/l

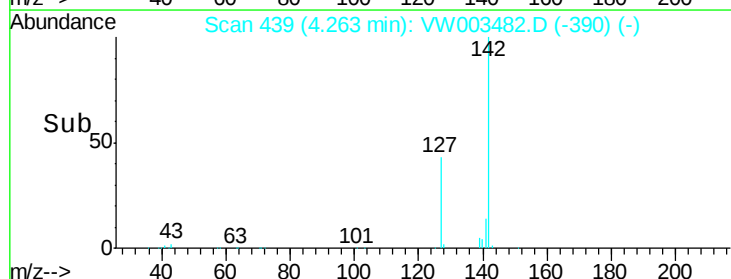
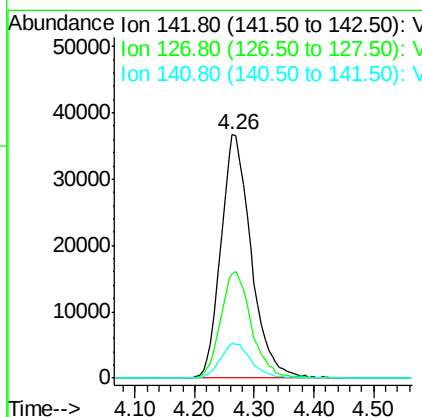
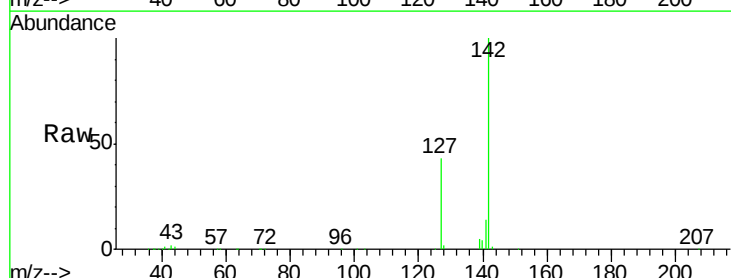
RT: 4.26 min Scan# 439

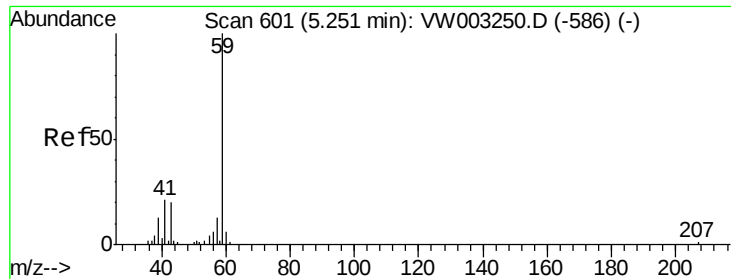
Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Tgt Ion:	142	Resp:	129333
Ion Ratio	Lower	Upper	
142	100		
127	44.3	36.5	54.7
141	14.6	12.1	18.1





#11

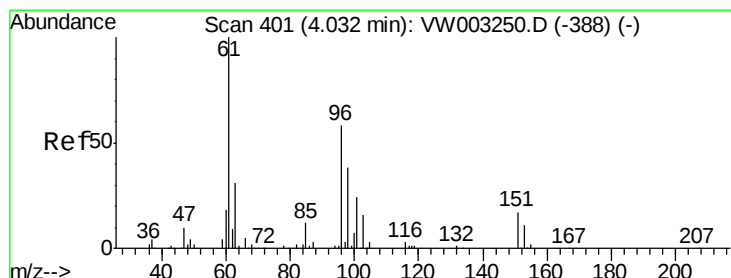
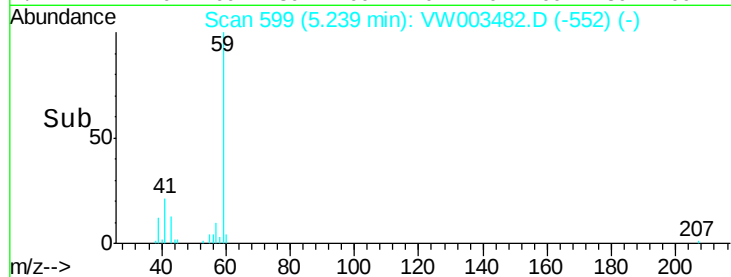
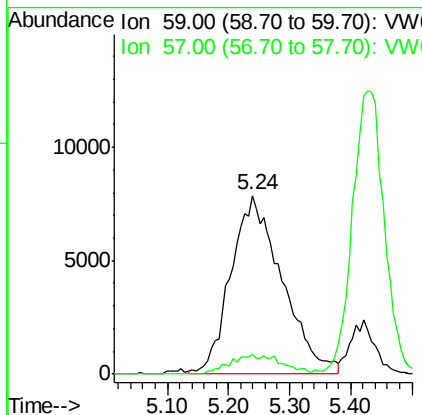
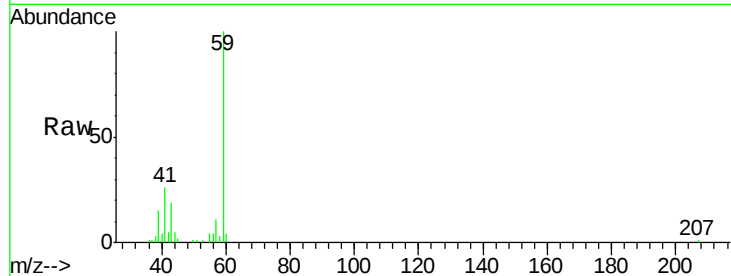
Tert butyl alcohol
Concen: 425.45 ug/l
RT: 5.24 min Scan# 599
Delta R.T. -0.01 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.3	4.2	6.2#

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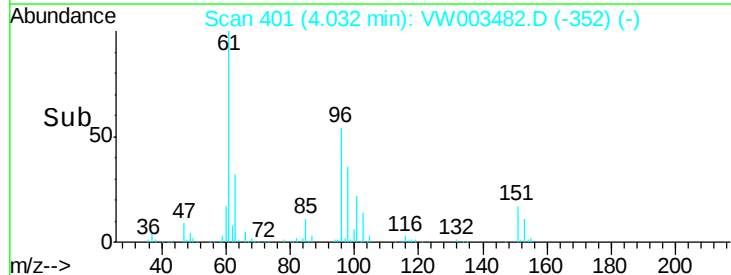
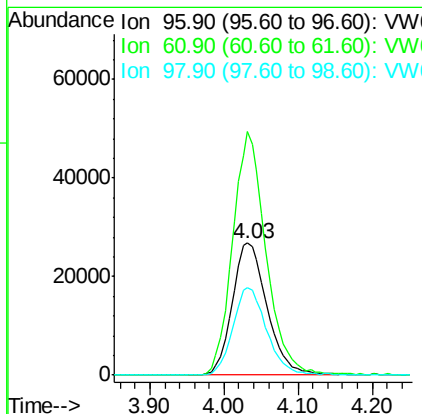
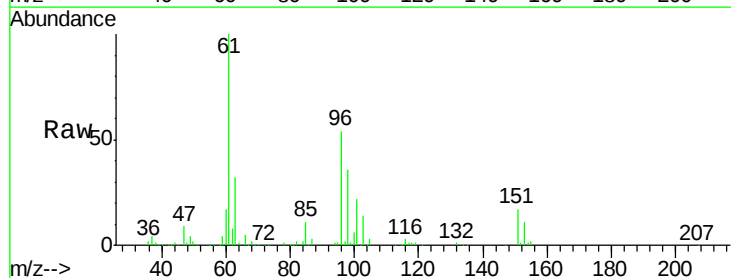
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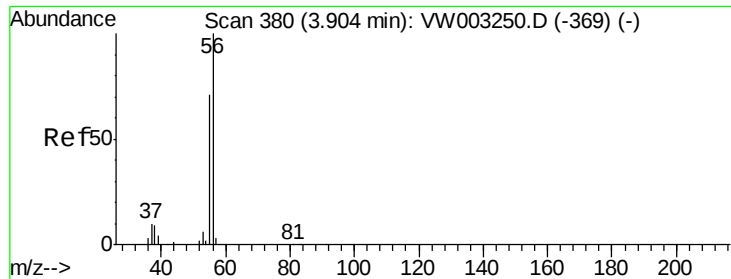


#12

1,1-Dichloroethene
Concen: 52.83 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.2	139.0	208.4
98	66.5	53.3	79.9





#13

Acrolein

Concen: 144.34 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion: 56 Resp: 22123

Ion Ratio Lower Upper

56 100

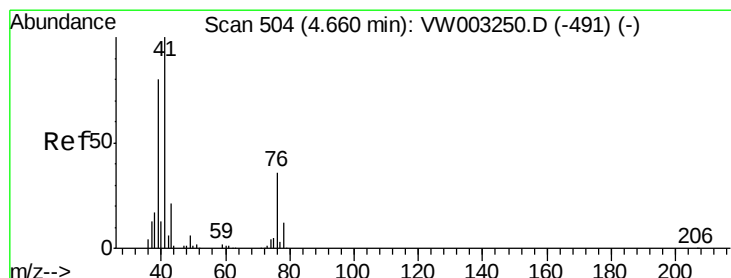
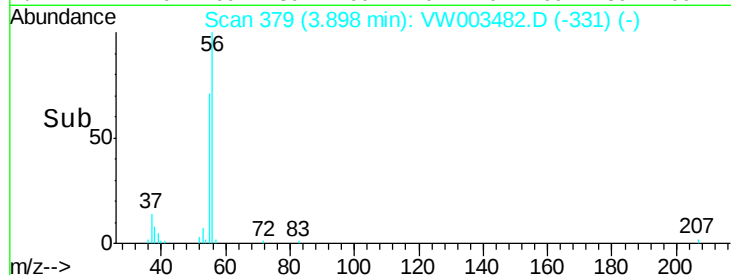
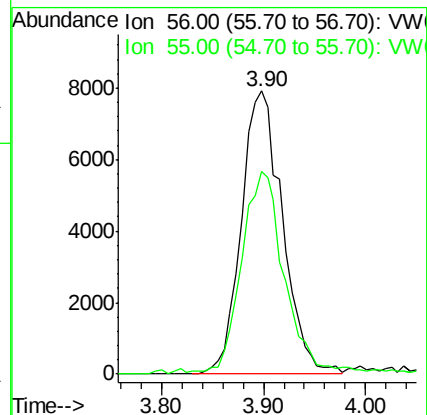
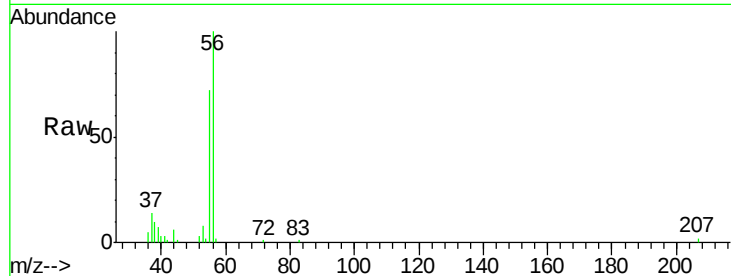
55 70.0 55.4 83.2

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#14

Allyl chloride

Concen: 52.45 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

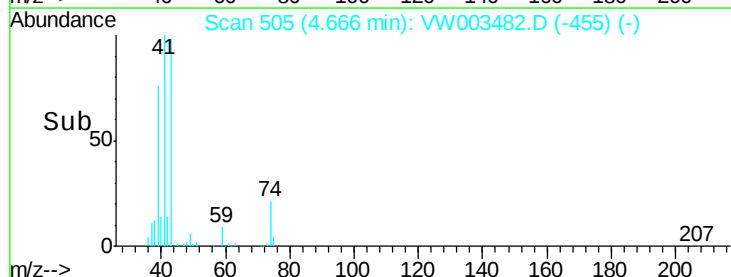
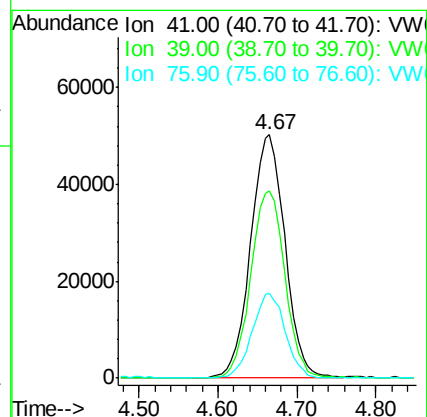
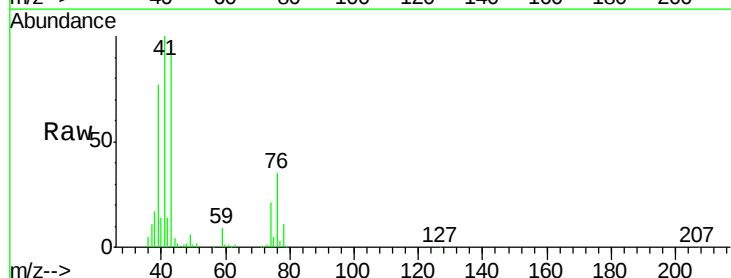
Tgt Ion: 41 Resp: 151766

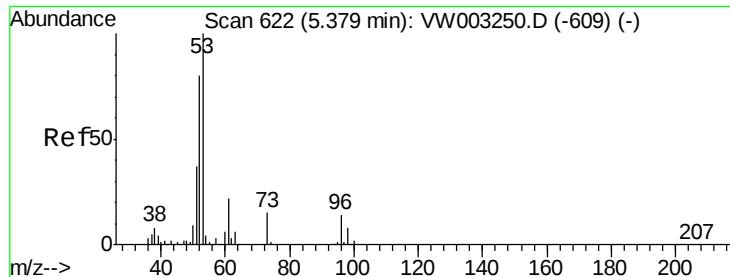
Ion Ratio Lower Upper

41 100

39 76.9 63.2 94.8

76 33.6 28.0 42.0





#15

Acrylonitrile

Concen: 385.08 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

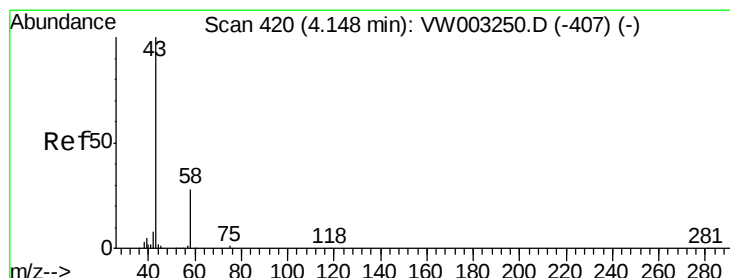
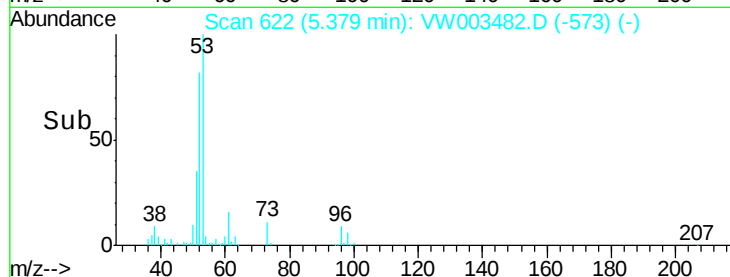
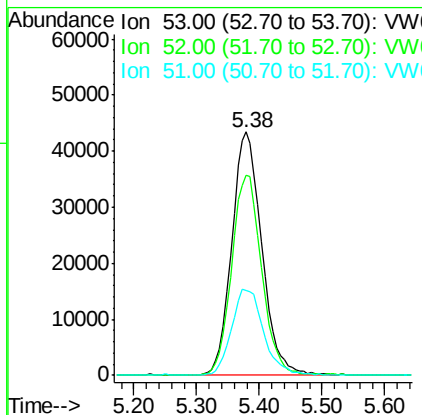
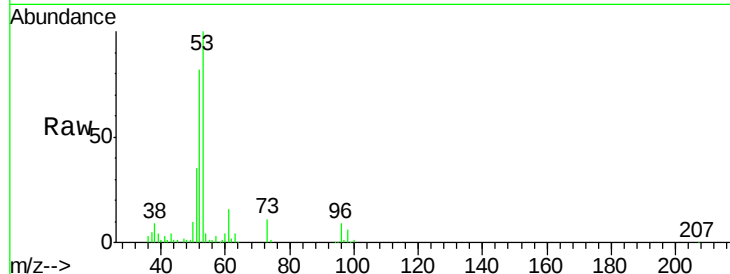
ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion:	53	Resp:	143279
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.6	100.0
51	37.1	30.6	46.0

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#16

Acetone

Concen: 432.57 ug/l

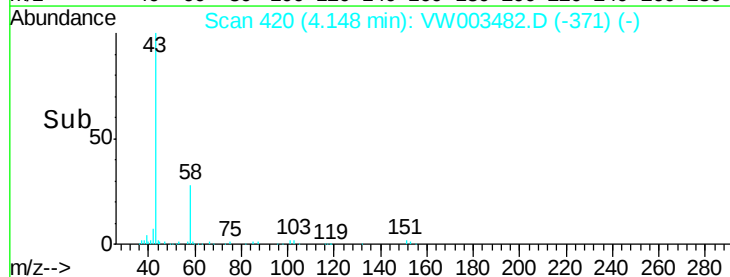
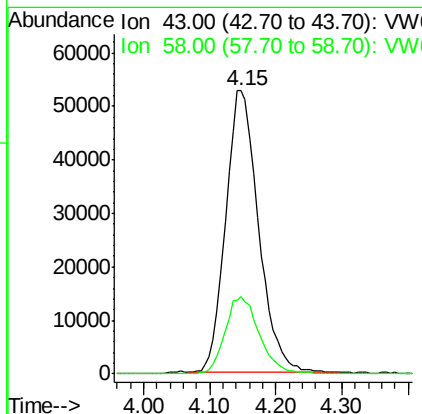
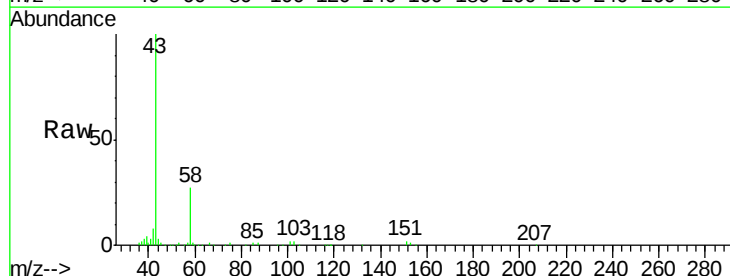
RT: 4.15 min Scan# 420

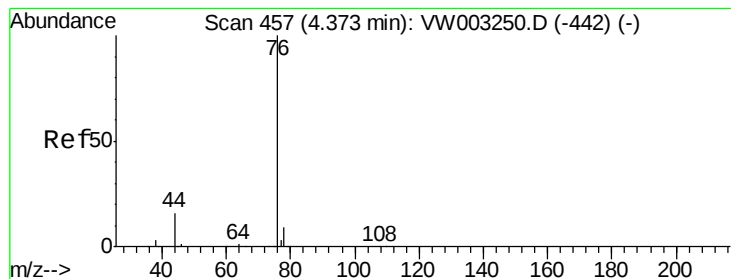
Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Tgt Ion:	43	Resp:	181340
Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.6	34.0





#17

Carbon Disulfide

Concen: 49.89 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion: 76 Resp: 246393

Ion Ratio Lower Upper

76 100

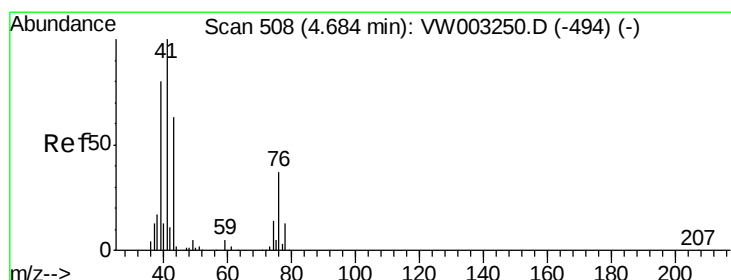
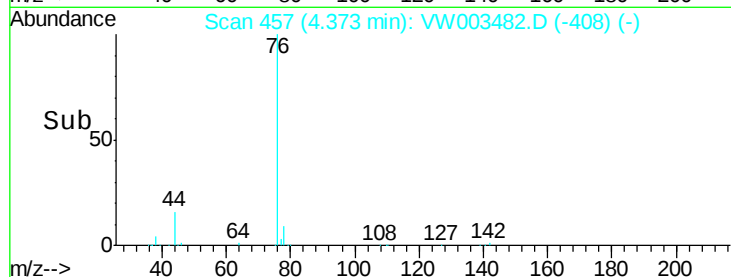
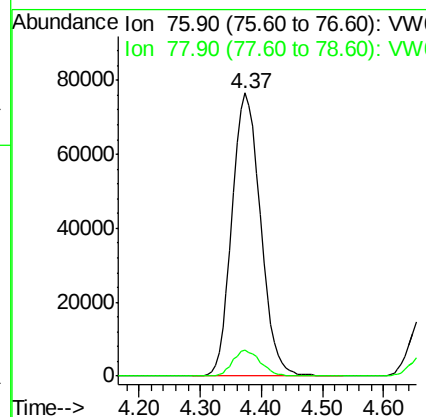
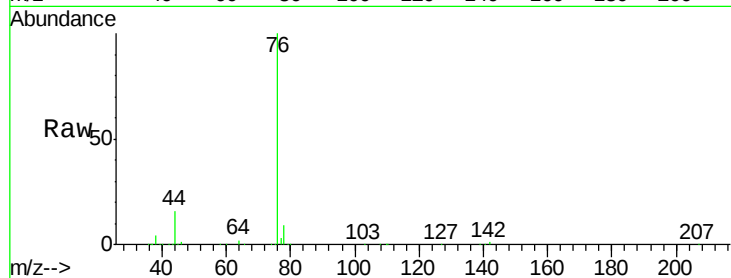
78 9.4 7.1 10.7

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#18

Methyl Acetate

Concen: 191.42 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003482.D

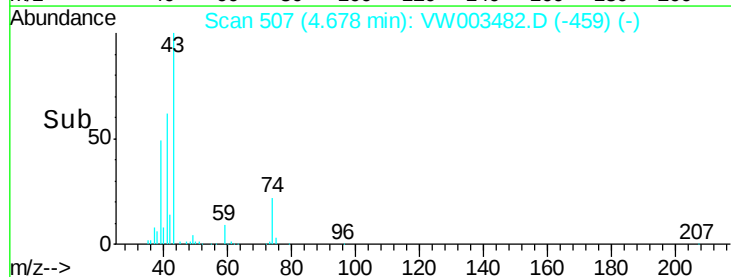
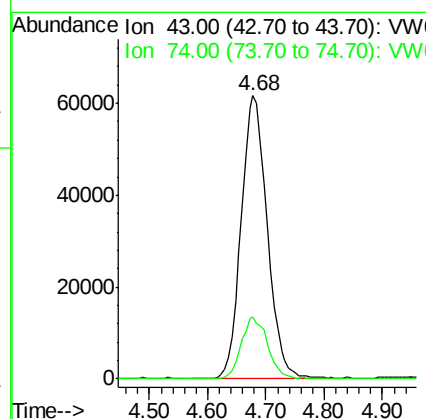
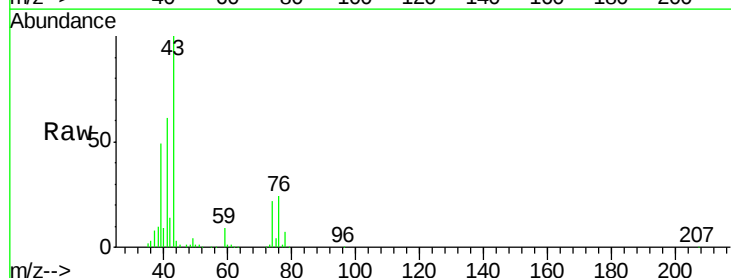
Acq: 24 Jun 2018 02:21

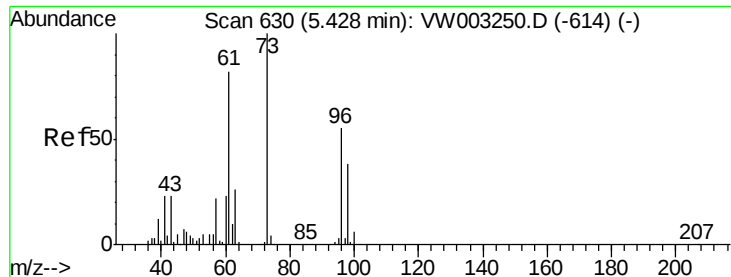
Tgt Ion: 43 Resp: 190371

Ion Ratio Lower Upper

43 100

74 22.1 18.7 28.1





#19

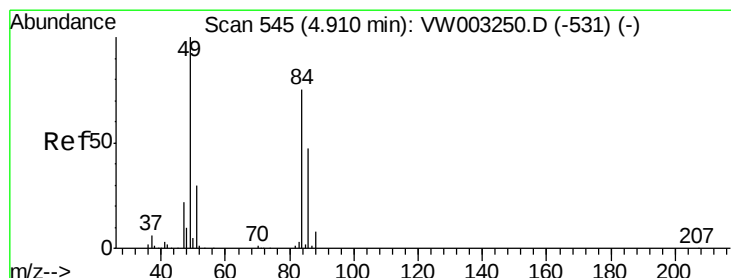
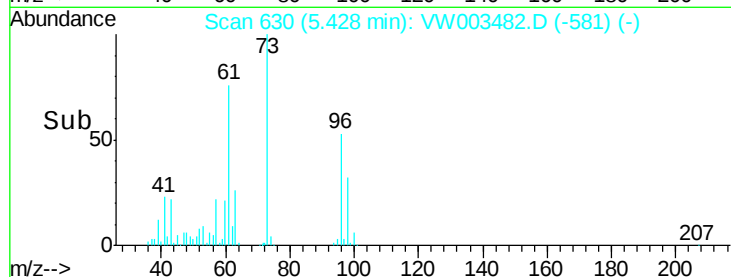
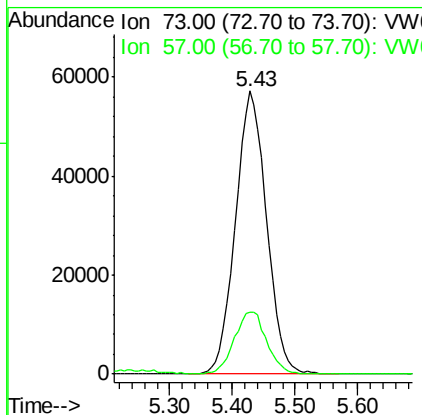
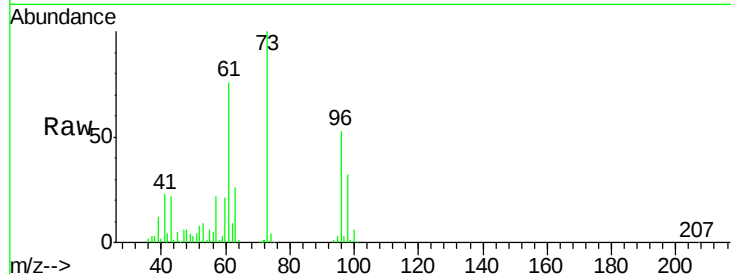
Methyl tert-butyl Ether
 Concen: 62.62 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VW003482.D
 Acq: 24 Jun 2018 02:21

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-13-15-180621MS

Tot Ion: 73 Resp: 195914
 Ion Ratio Lower Upper
 73 100
 57 21.8 18.0 27.0

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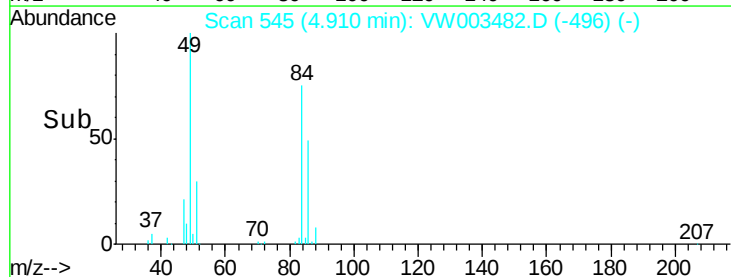
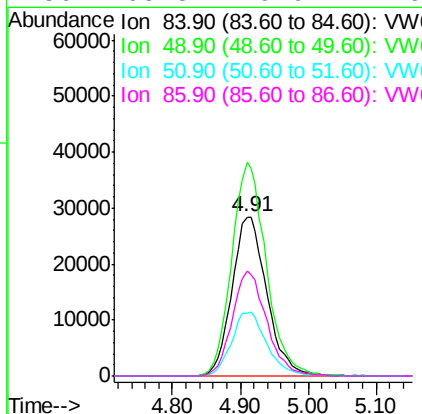
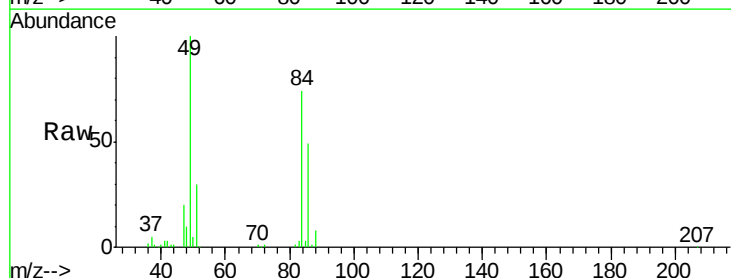
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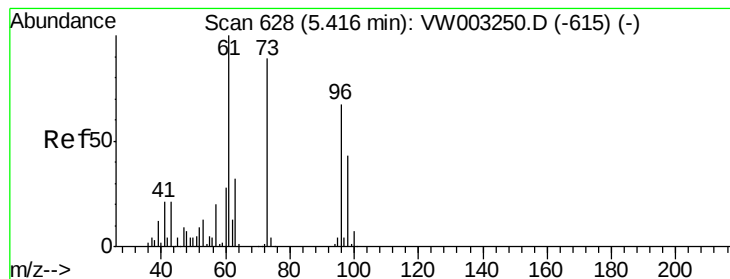


#20

Methylene Chloride
 Concen: 57.33 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW003482.D
 Acq: 24 Jun 2018 02:21

Tgt Ion: 84 Resp: 101138
 Ion Ratio Lower Upper
 84 100
 49 134.3 106.3 159.5
 51 39.7 32.0 48.0
 86 65.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 53.63 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion: 96 Resp: 97498

Ion Ratio Lower Upper

96 100

61 143.5 118.7 178.1

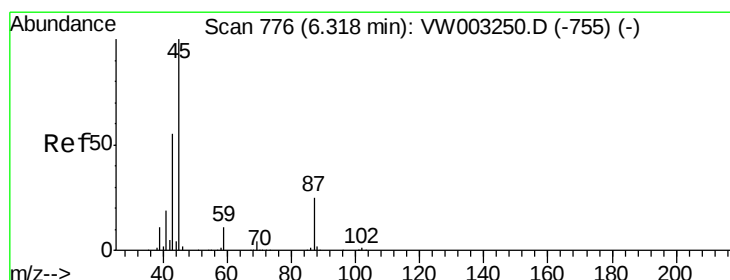
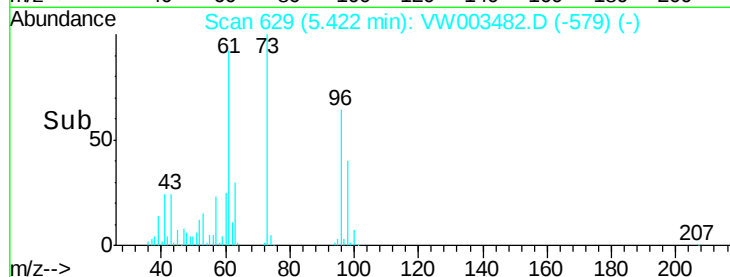
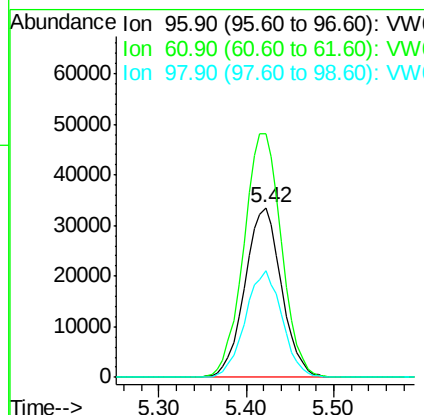
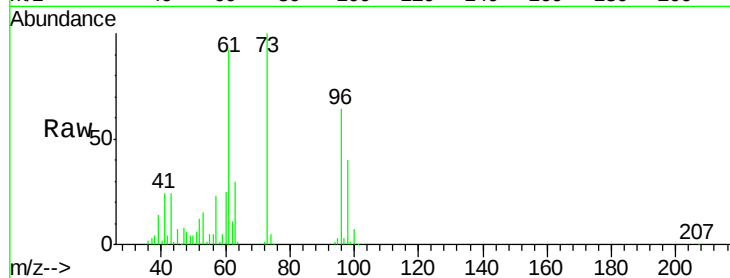
98 62.8 51.0 76.6

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#22

Diisopropyl ether

Concen: 53.18 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Tgt Ion: 45 Resp: 309690

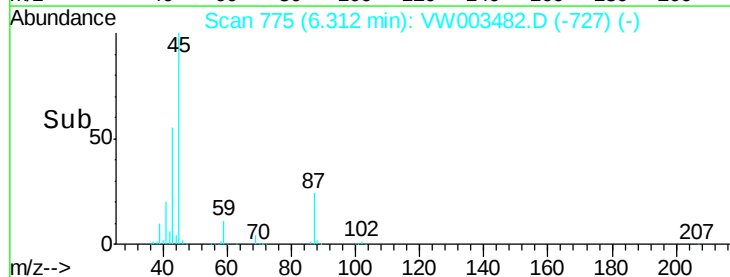
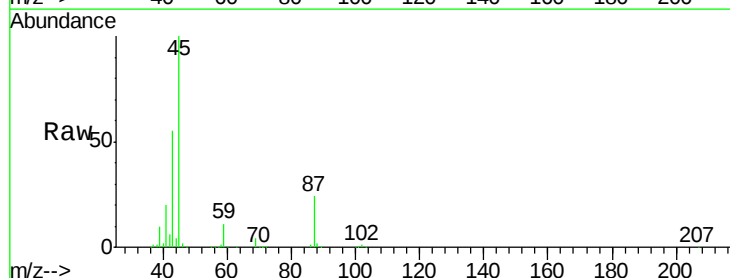
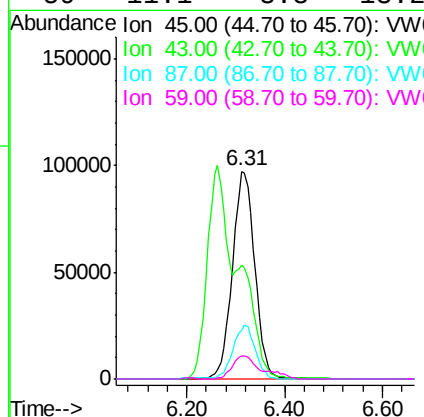
Ion Ratio Lower Upper

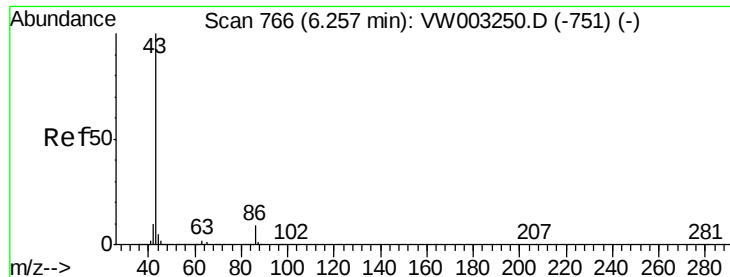
45 100

43 54.5 44.0 66.0

87 23.6 20.6 31.0

59 11.1 8.8 13.2





#23

Vinyl Acetate

Concen: 129.56 ug/l m

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Tot Ion: 43 Resp: 434821

Ion Ratio Lower Upper

43 100

86 8.4 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

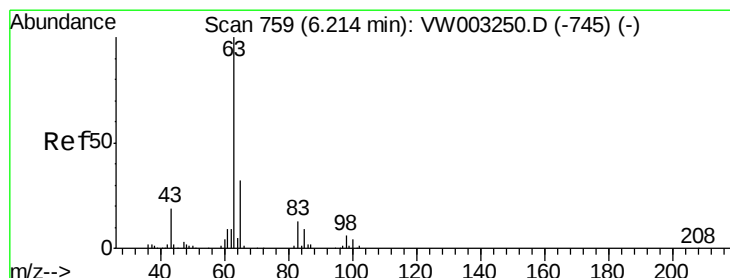
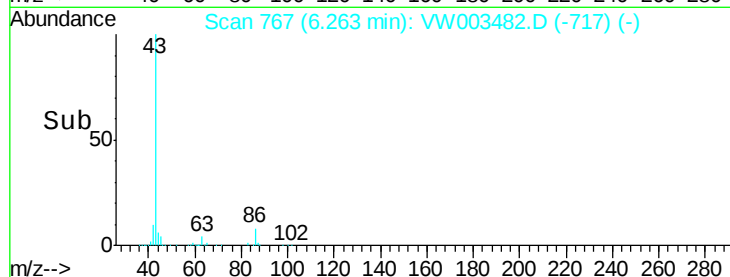
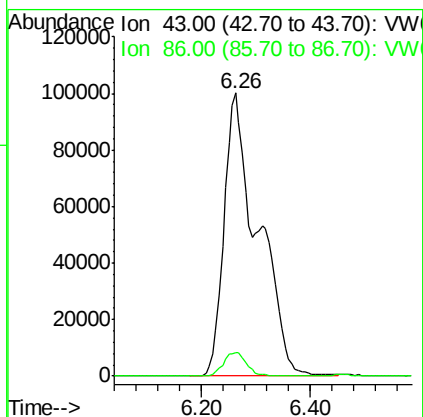
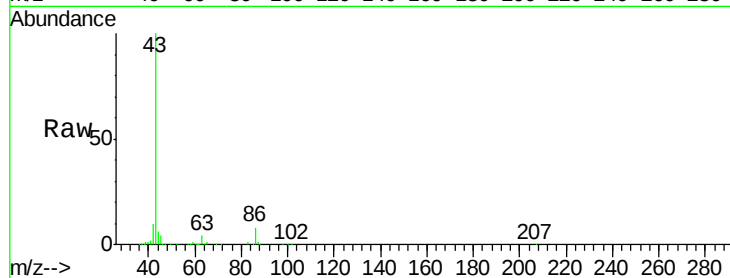
WP021SB487-13-15-180621MS

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#24

1,1-Dichloroethane

Concen: 52.84 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

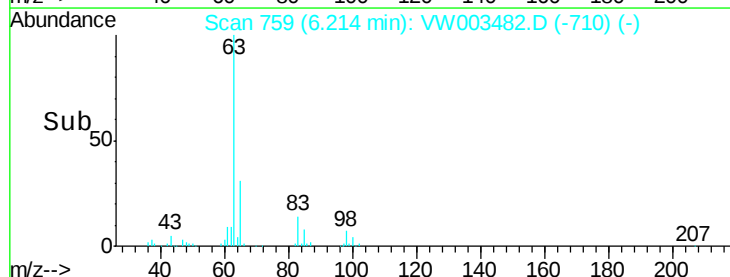
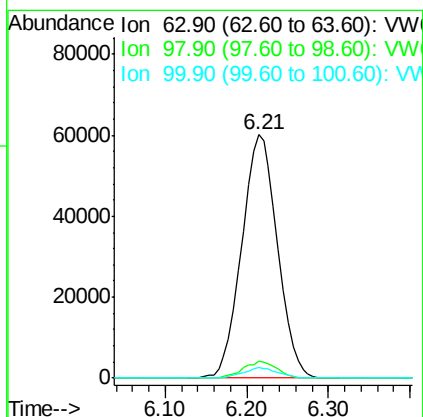
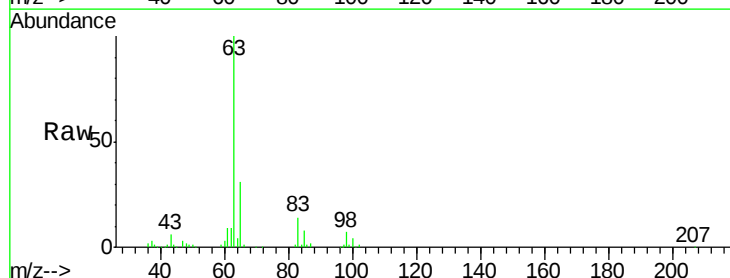
Tgt Ion: 63 Resp: 182687

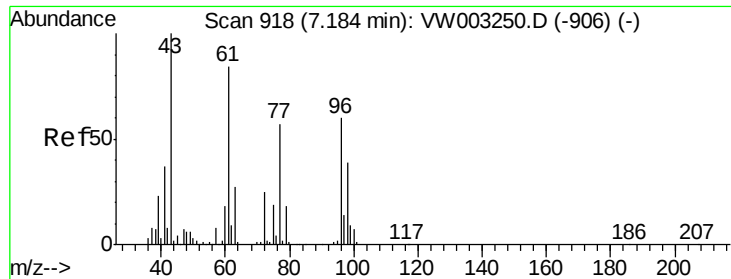
Ion Ratio Lower Upper

63 100

98 7.1 2.8 8.3

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 404.51 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion: 43 Resp: 210867

Ion Ratio Lower Upper

43 100

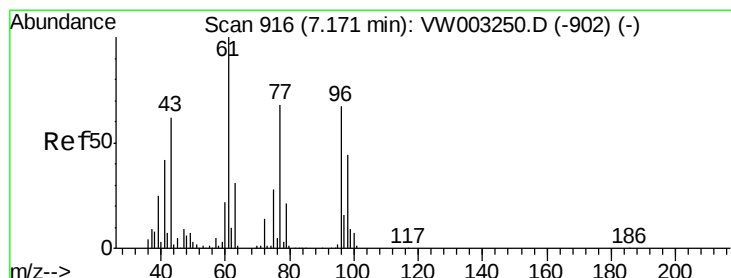
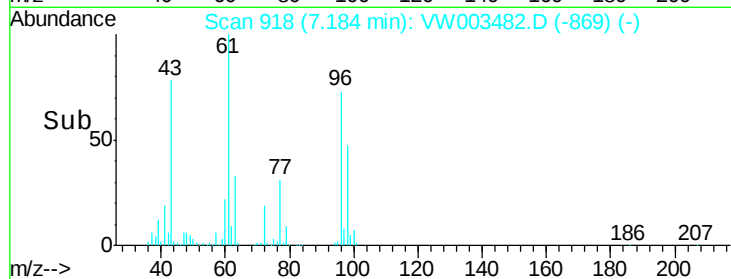
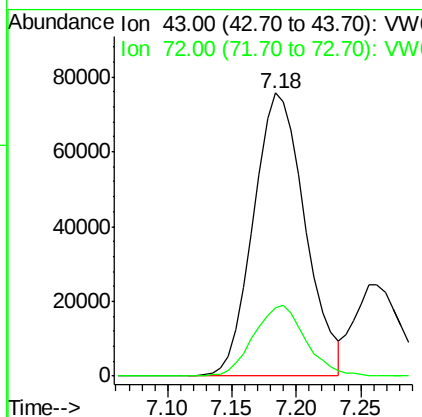
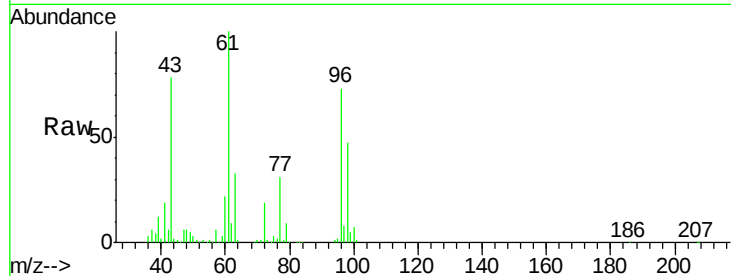
72 24.0 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 48.03 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003482.D

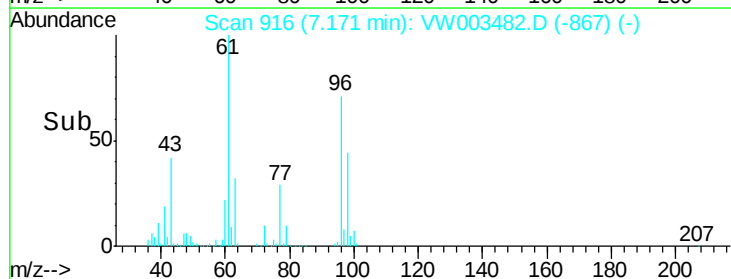
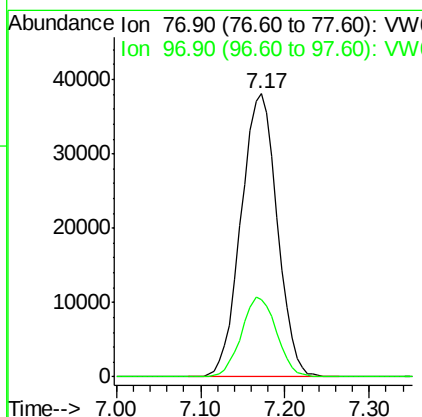
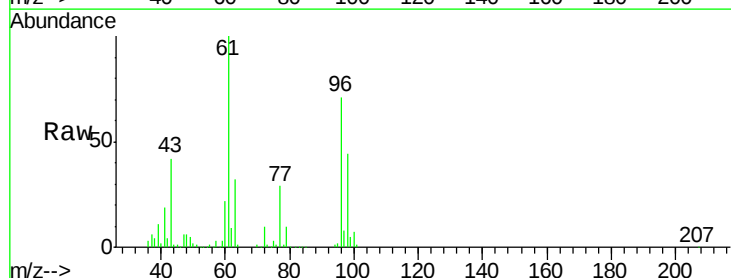
Acq: 24 Jun 2018 02:21

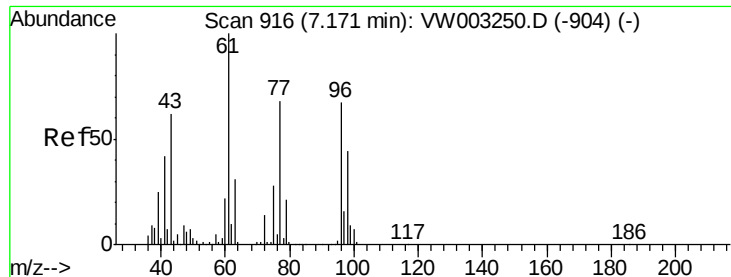
Tgt Ion: 77 Resp: 110830

Ion Ratio Lower Upper

77 100

97 27.4 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 121.65 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

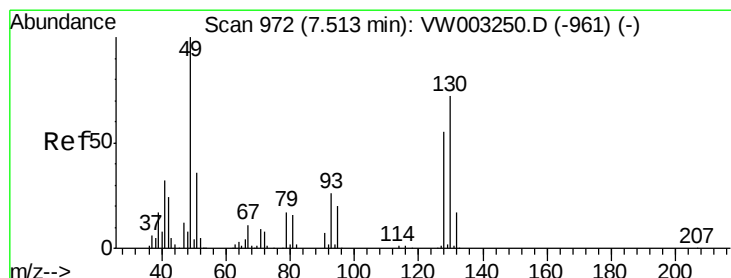
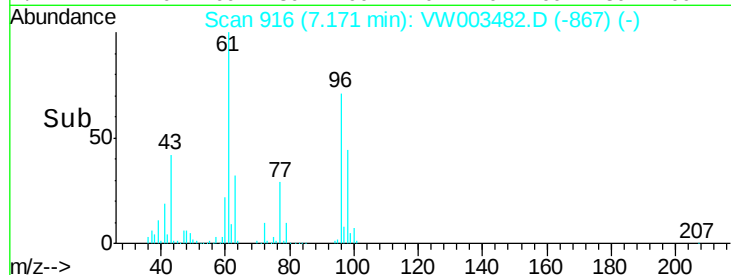
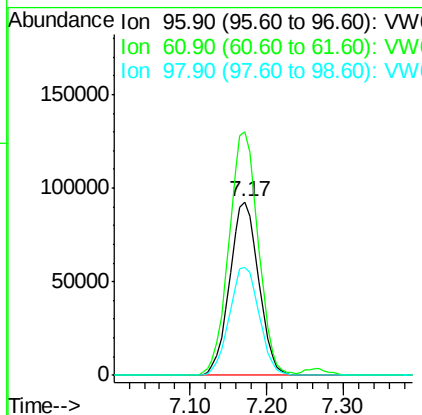
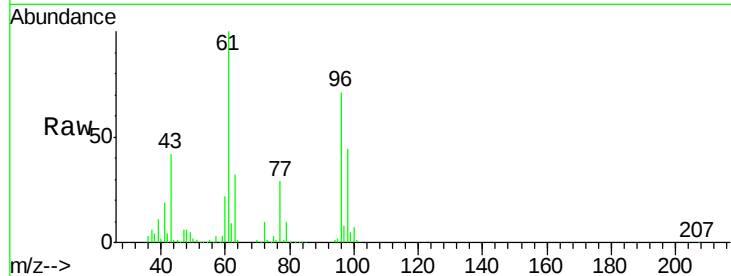
ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion:	96	Resp:	242965
Ion Ratio	Lower	Upper	
96	100		
61	142.0	0.0	298.8
98	64.0	0.0	130.4

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#28

Bromochloromethane

Concen: 65.68 ug/l

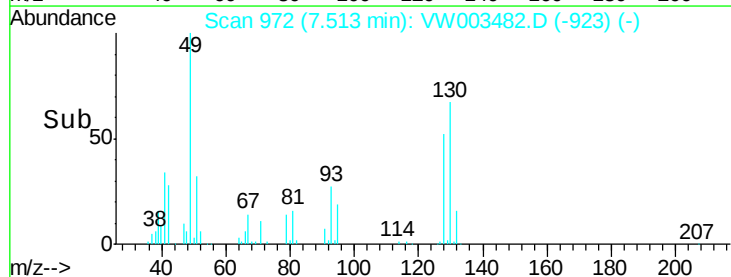
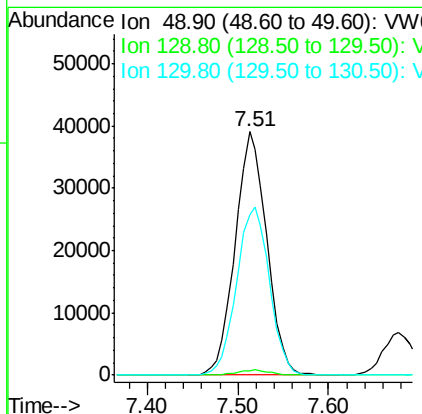
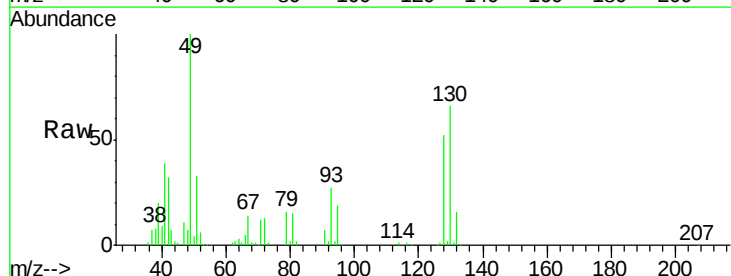
RT: 7.51 min Scan# 972

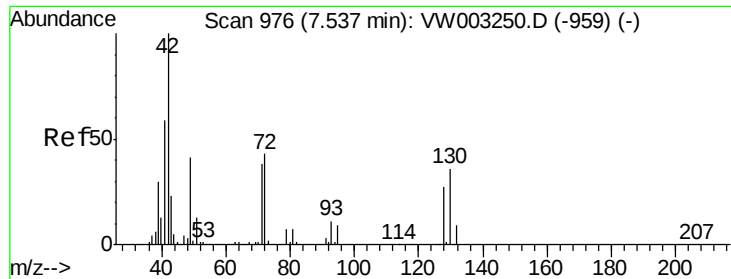
Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Tgt Ion:	49	Resp:	94497
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.6
130	71.6	59.4	89.2





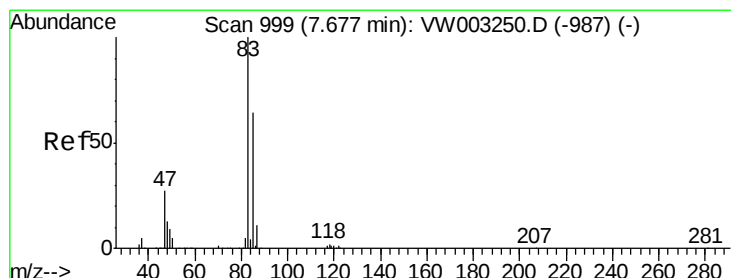
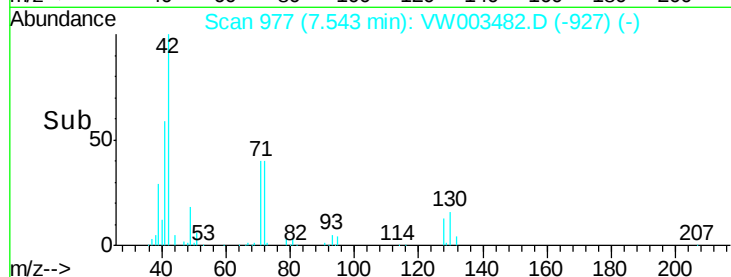
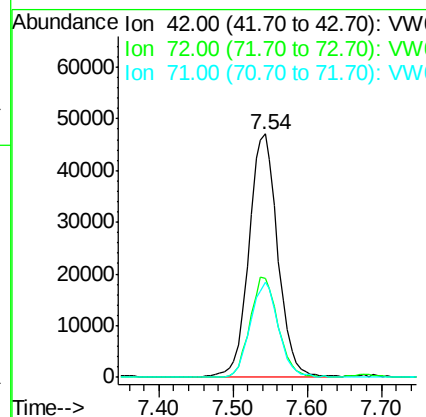
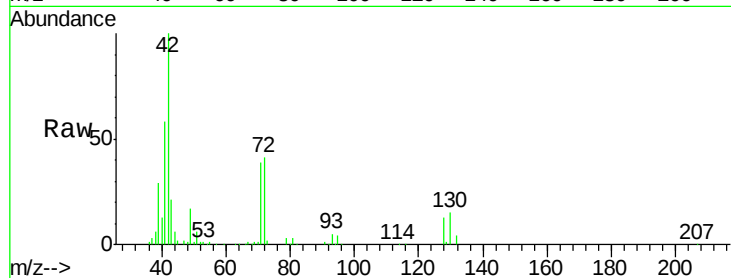
#29
Tetrahydrofuran
Concen: 402.49 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	32.4	48.6
71	38.0	31.2	46.8

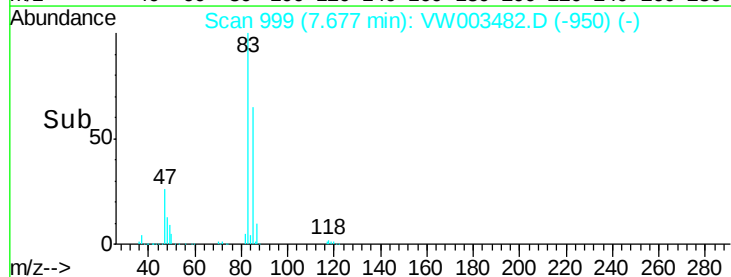
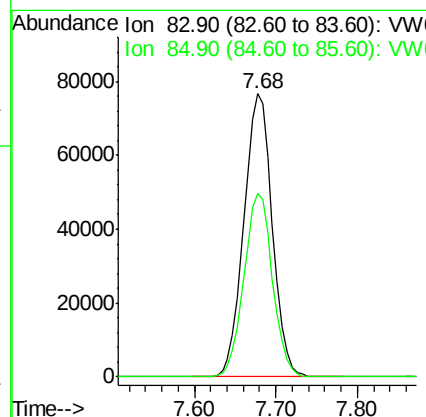
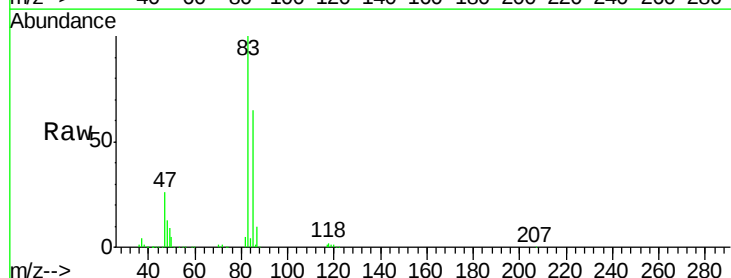
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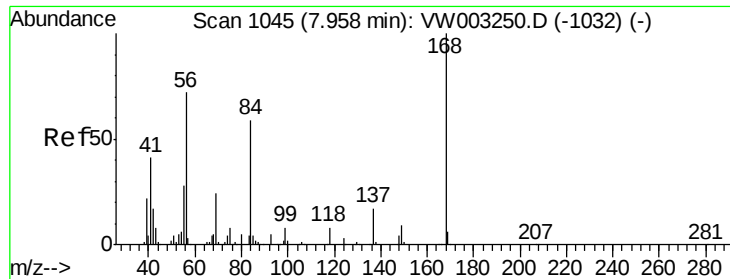
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#30
Chloroform
Concen: 52.42 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.3	76.9





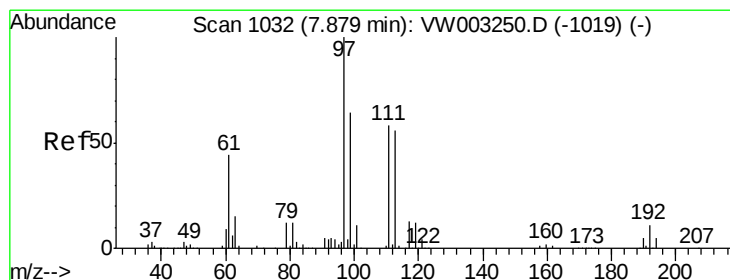
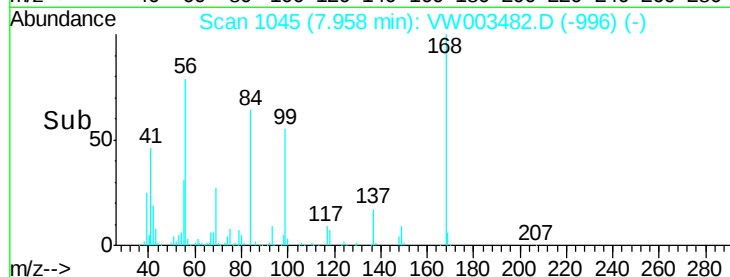
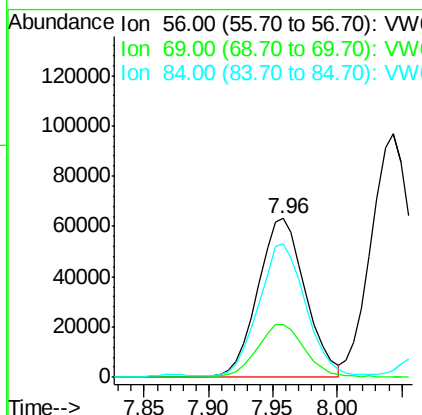
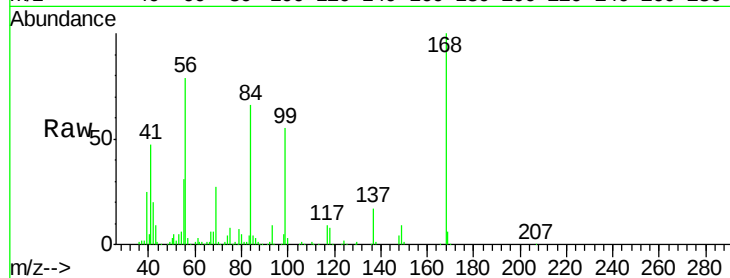
#31
Cyclohexane
Concen: 50.07 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	26.3	39.5
84	82.6	65.7	98.5

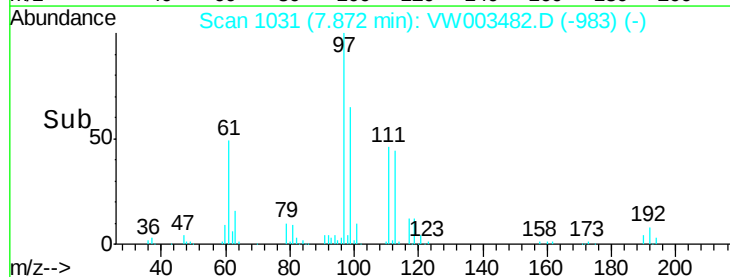
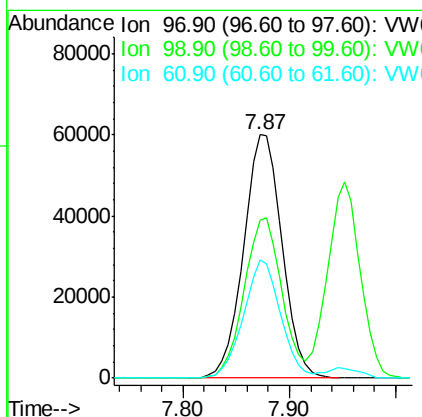
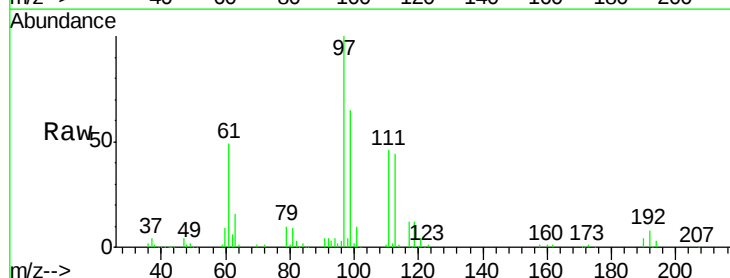
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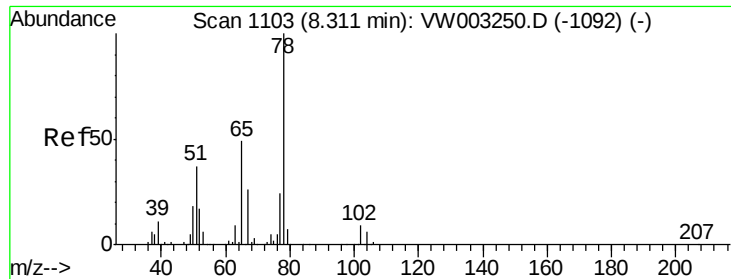
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#32
1,1,1-Trichloroethane
Concen: 52.29 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.7	77.5
61	46.9	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 62.49 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion: 65 Resp: 124904

Ion Ratio Lower Upper

65 100

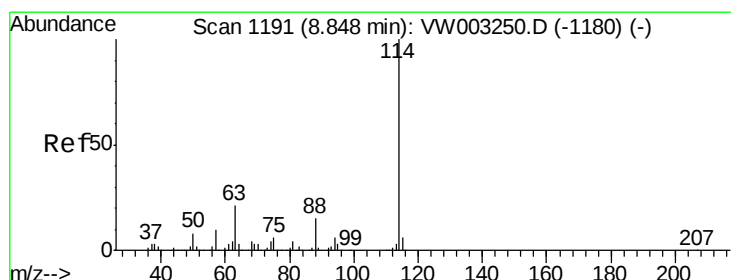
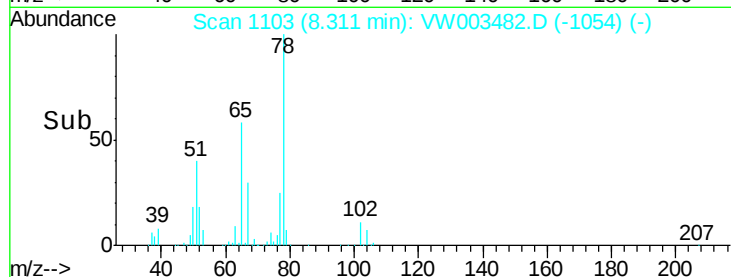
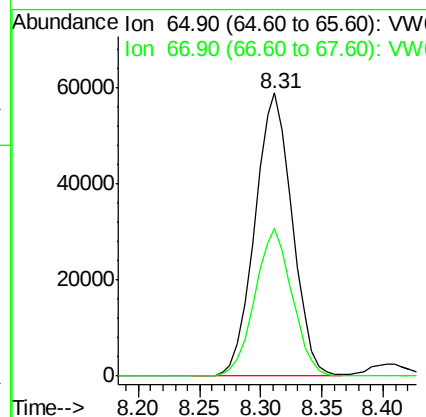
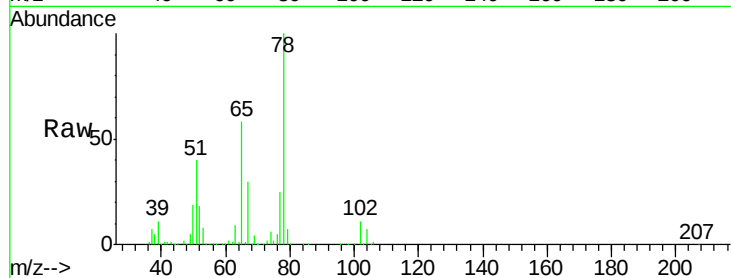
67 51.7 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

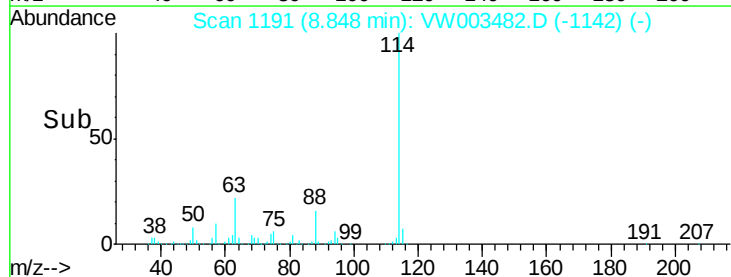
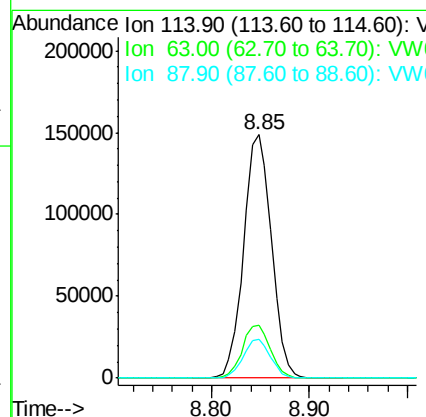
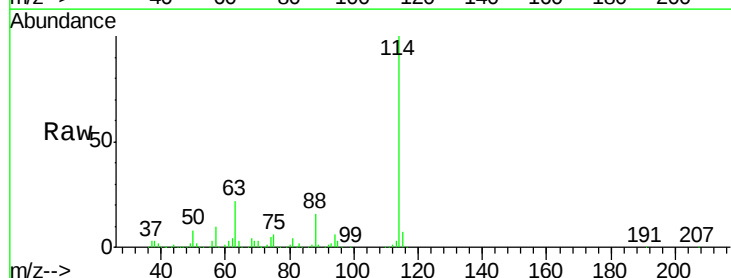
Tgt Ion: 114 Resp: 293295

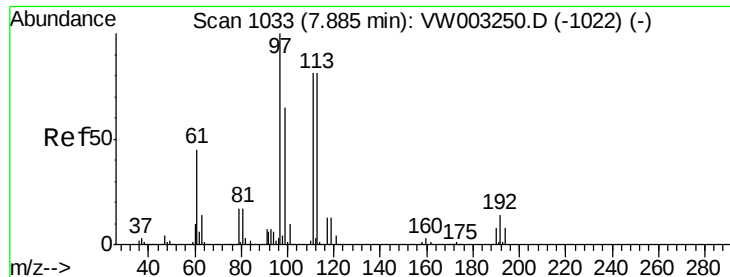
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.0

88 16.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 55.22 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

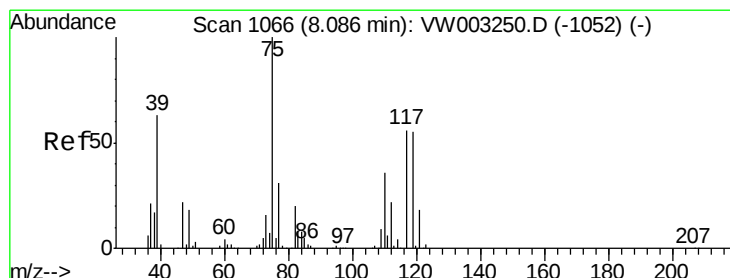
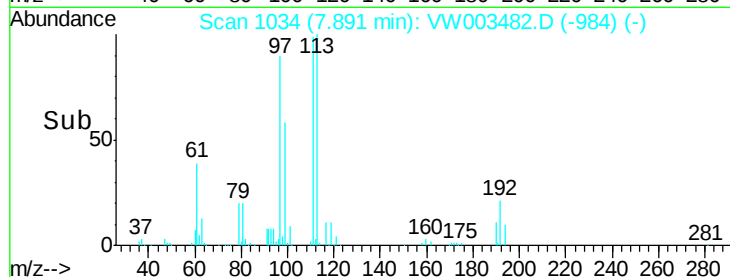
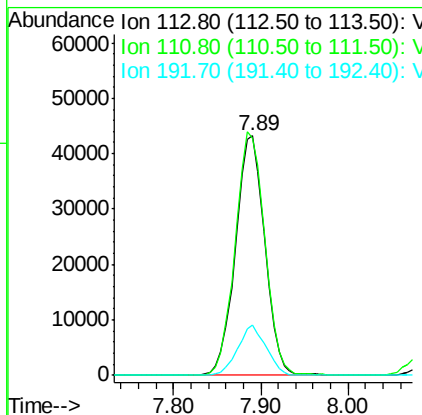
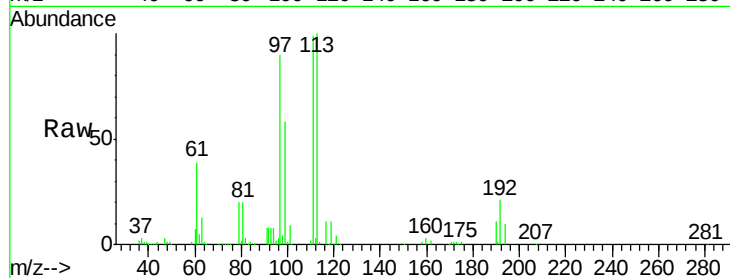
ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion:	113	Resp:	100644
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	20.4	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 51.44 ug/l

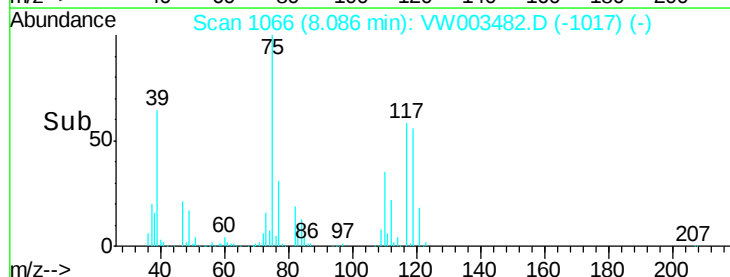
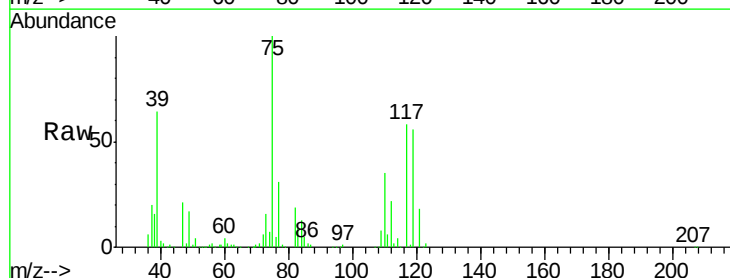
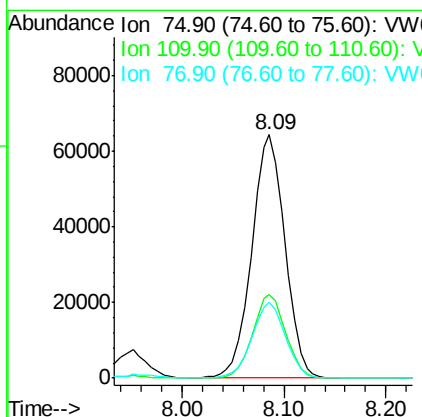
RT: 8.09 min Scan# 1066

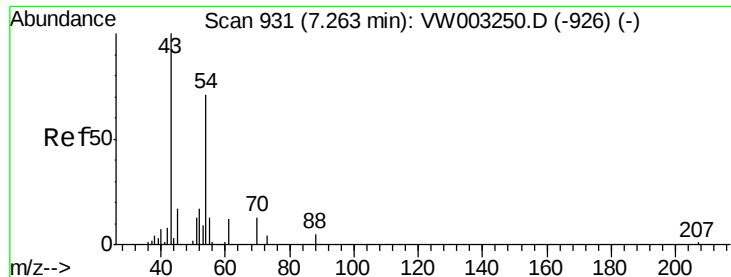
Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Tgt Ion:	75	Resp:	145694
Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.1	51.3
77	31.5	24.9	37.3





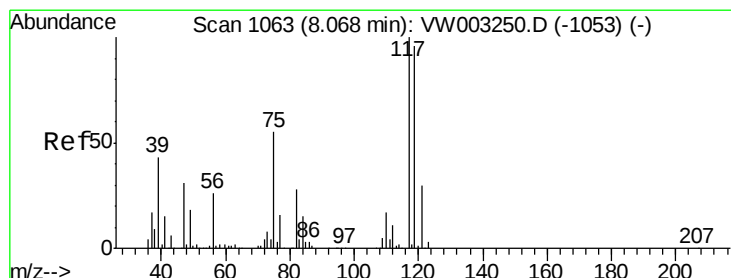
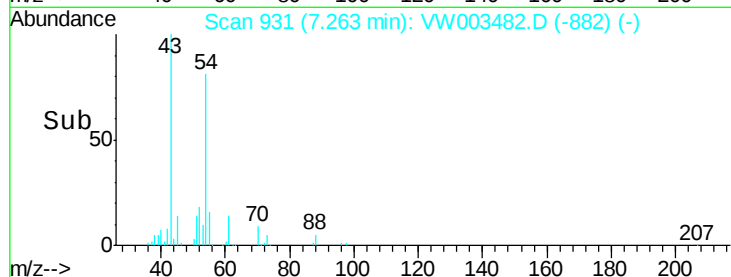
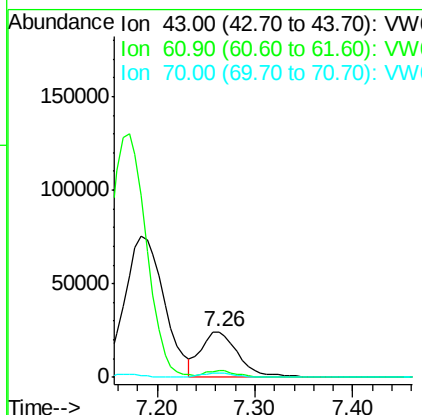
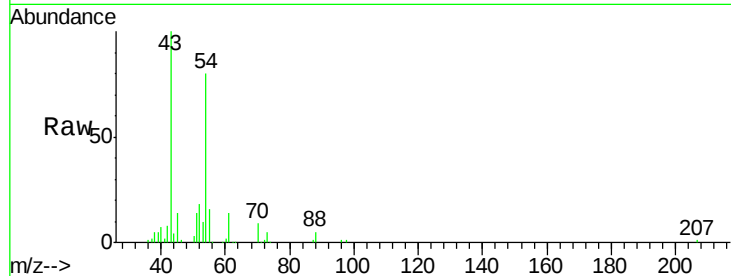
#37
Ethyl Acetate
Concen: 53.82 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.8	16.2#
70	9.3	7.8	11.6

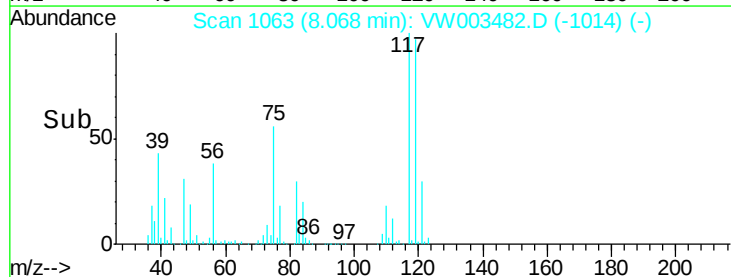
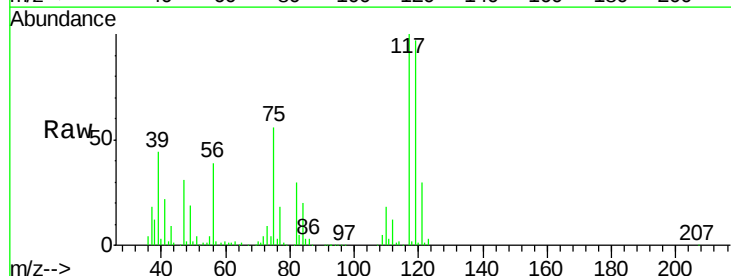
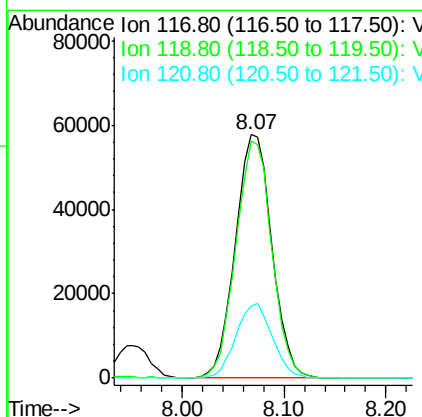
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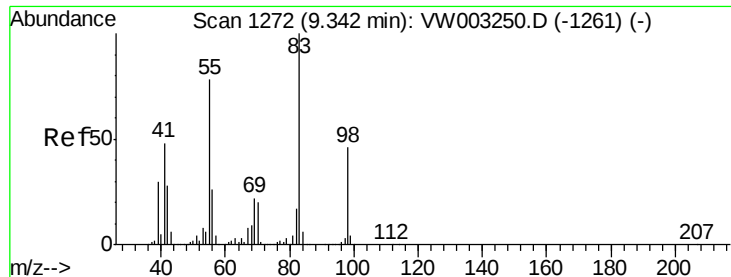
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#38
Carbon Tetrachloride
Concen: 51.72 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.6	115.0
121	29.8	23.9	35.9





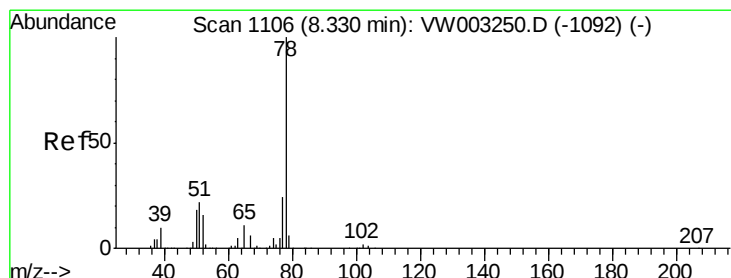
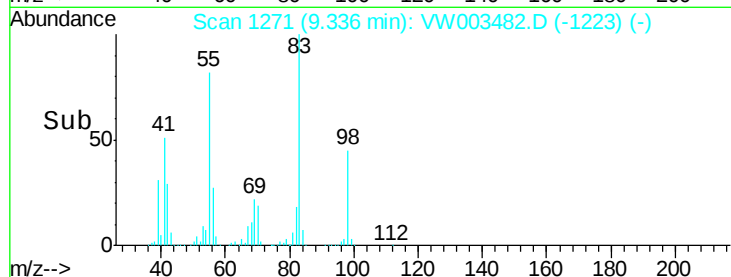
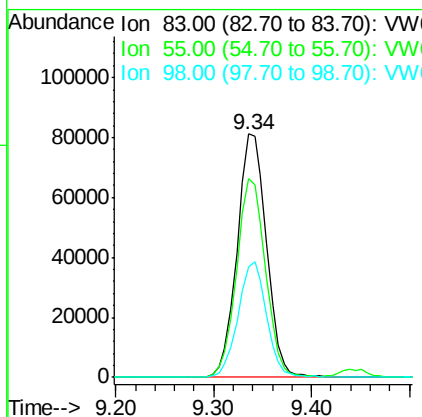
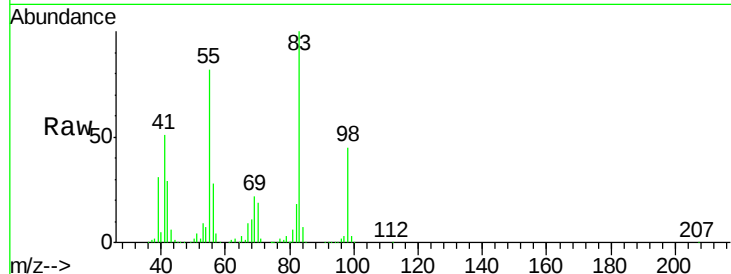
#39
Methvlcvclohexane
Concen: 51.71 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.7	62.6	93.8
98	45.4	37.0	55.4

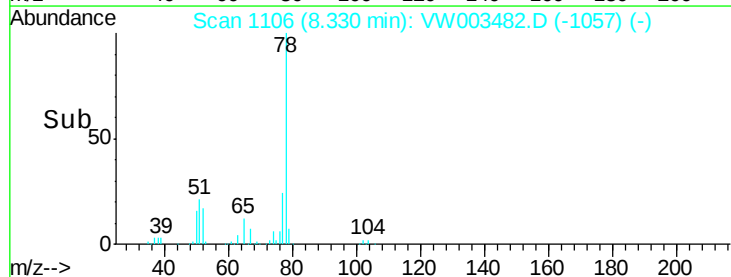
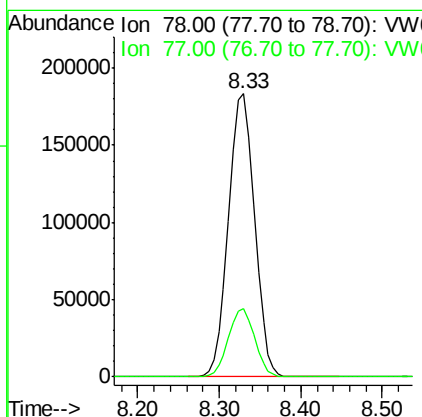
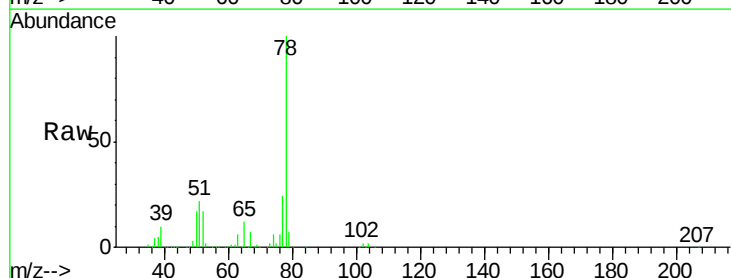
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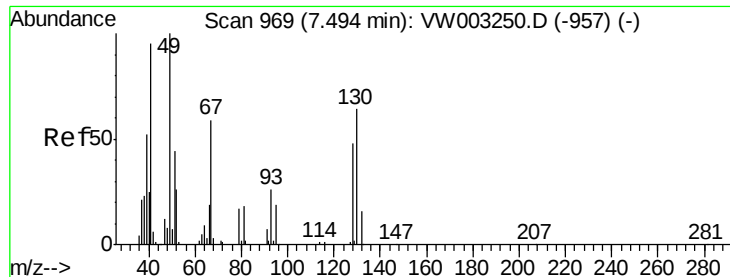
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#40
Benzene
Concen: 51.87 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





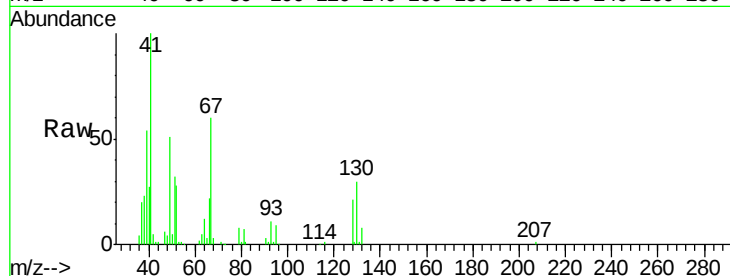
#41
Methacrylonitrile
Concen: 72.85 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

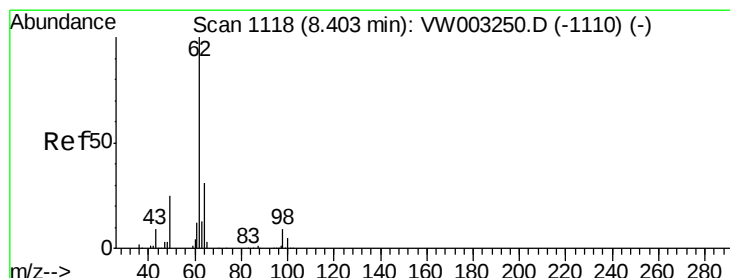
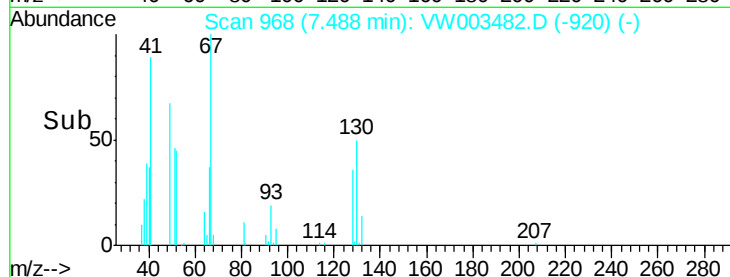
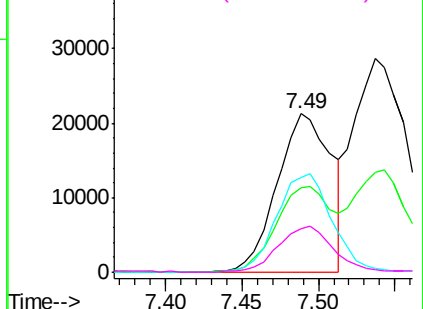
Tot Ion	41	Resp	52457
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.8	68.8
67	63.2	52.3	78.5
52	29.9	24.1	36.1

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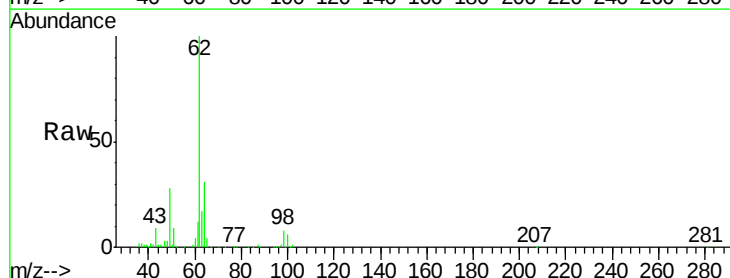


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

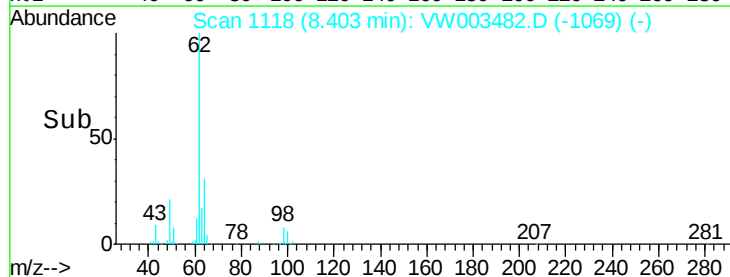
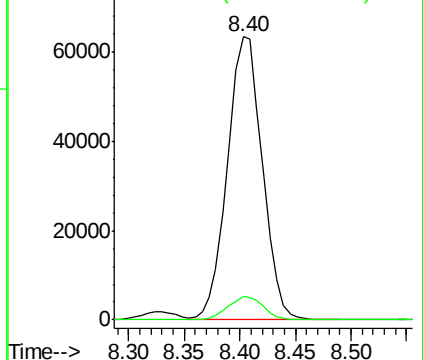


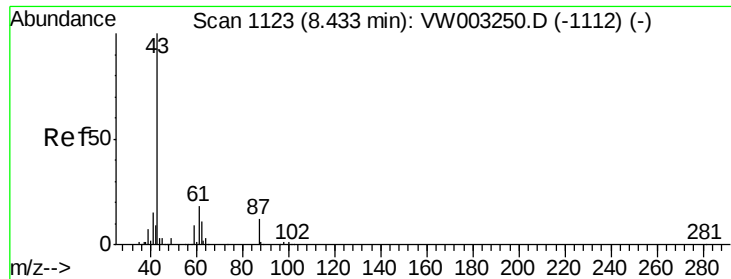
#42
1,2-Dichloroethane
Concen: 56.53 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	62	Resp	138280
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 57.66 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

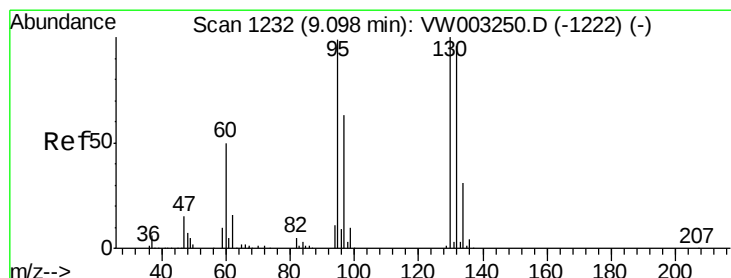
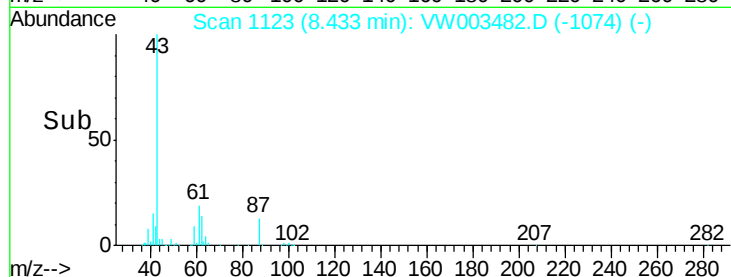
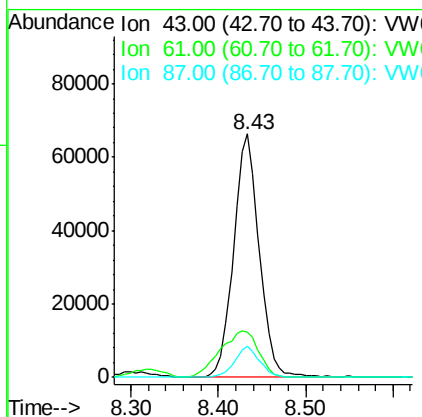
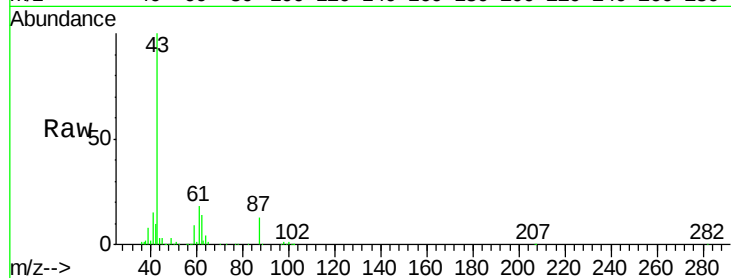
ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion:	43	Resp:	134338
Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.1	34.7
87	12.3	9.8	14.6

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#44

Trichloroethene

Concen: 51.40 ug/l

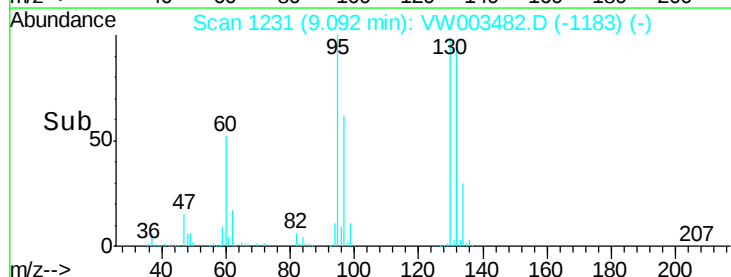
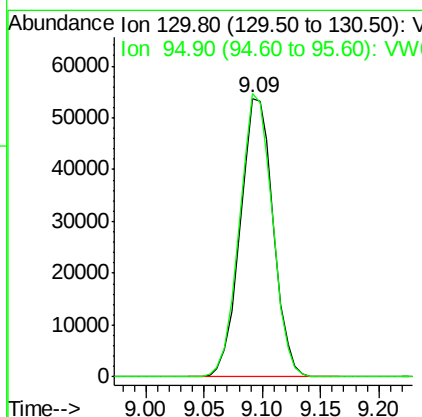
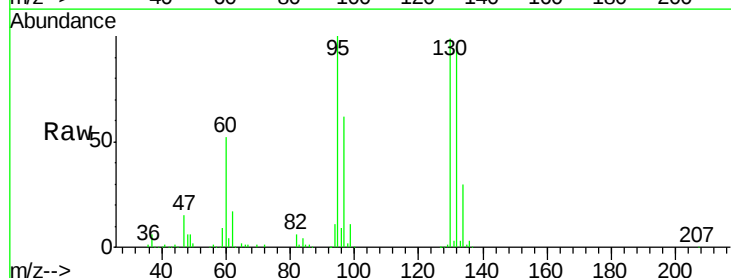
RT: 9.09 min Scan# 1231

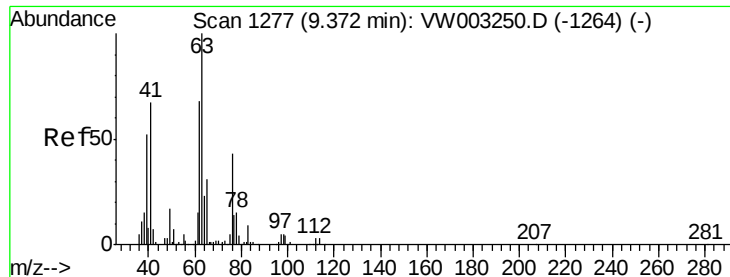
Delta R.T. -0.01 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Tgt Ion:	130	Resp:	106343
Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	198.0





#45

1,2-Dichloropropane

Concen: 52.72 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion: 63 Resp: 104796

Ion Ratio Lower Upper

63 100

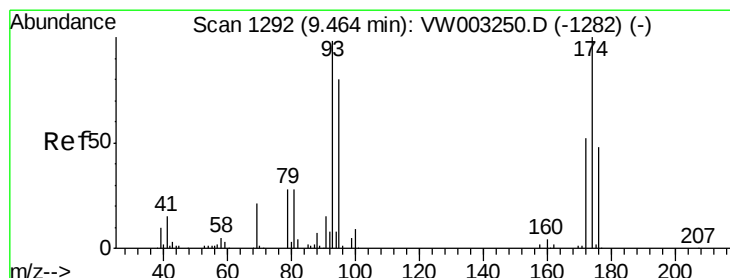
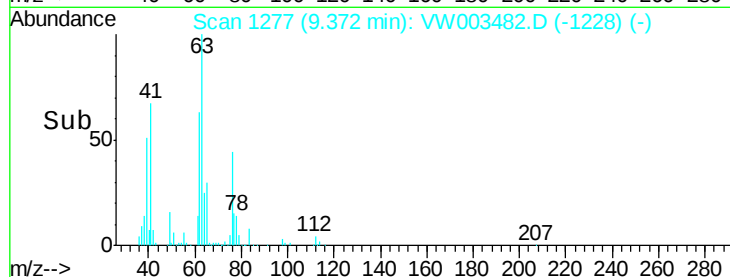
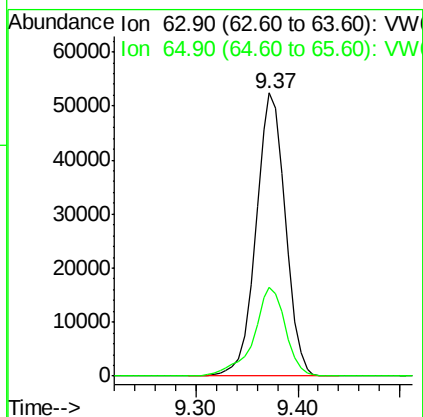
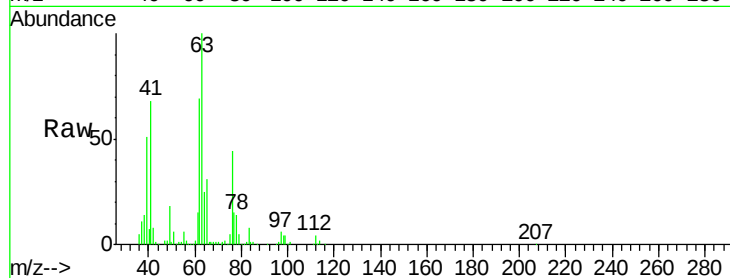
65 31.4 25.1 37.7

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#46

Dibromomethane

Concen: 58.88 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

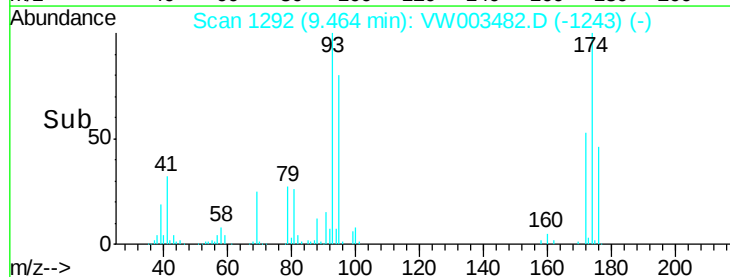
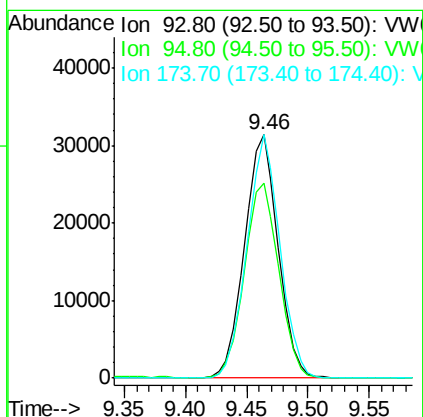
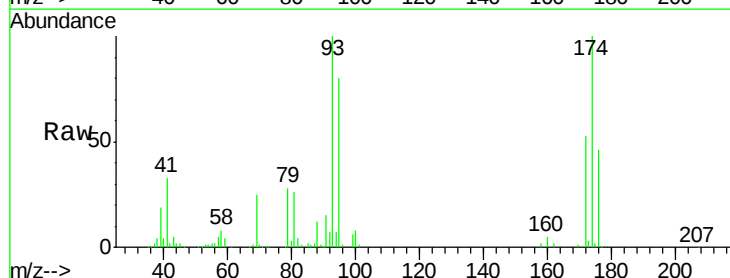
Tgt Ion: 93 Resp: 59923

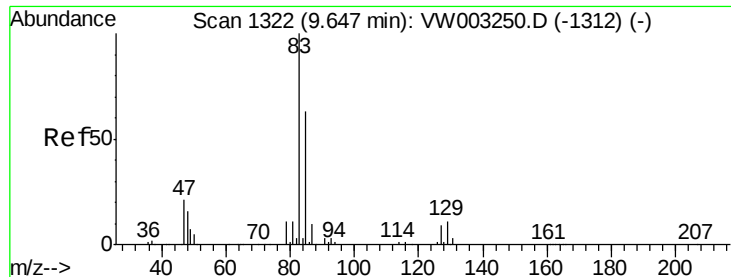
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.8

174 98.4 81.4 122.0





#47

Bromodichloromethane

Concen: 53.19 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

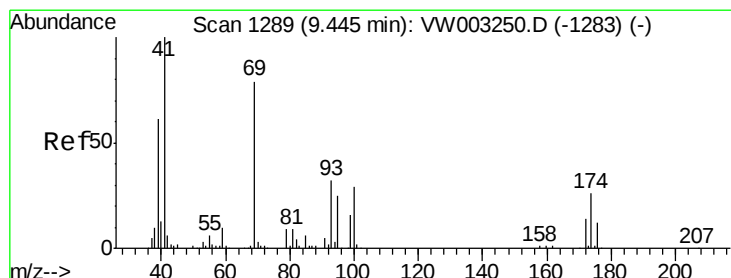
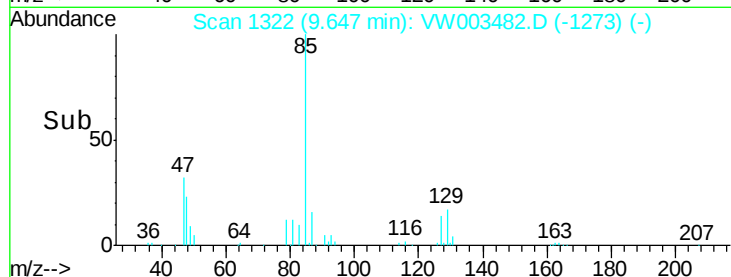
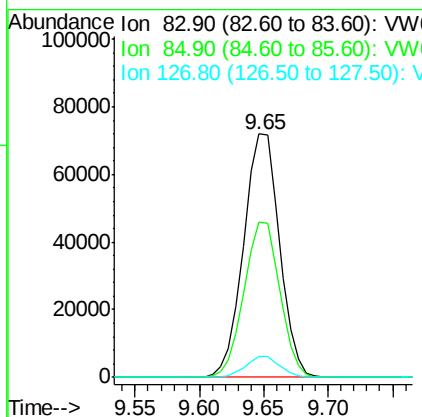
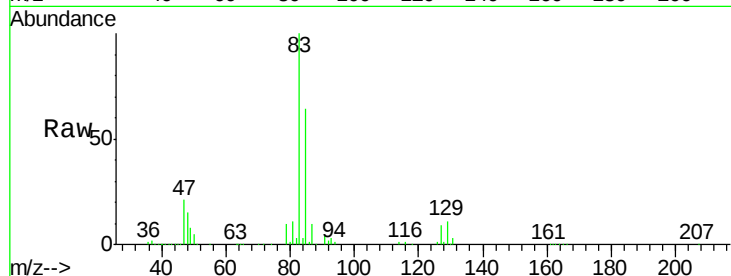
ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion:	83	Resp:	138756
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.6	75.8
127	8.7	6.8	10.2

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#48

Methyl methacrylate

Concen: 75.58 ug/l

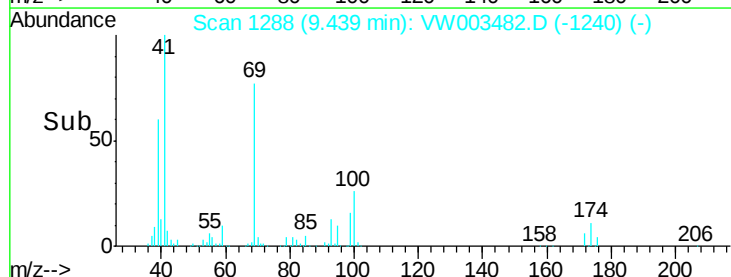
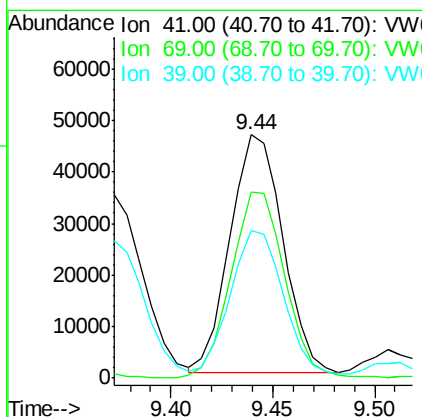
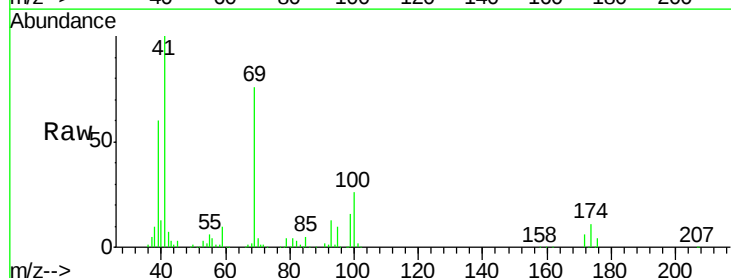
RT: 9.44 min Scan# 1288

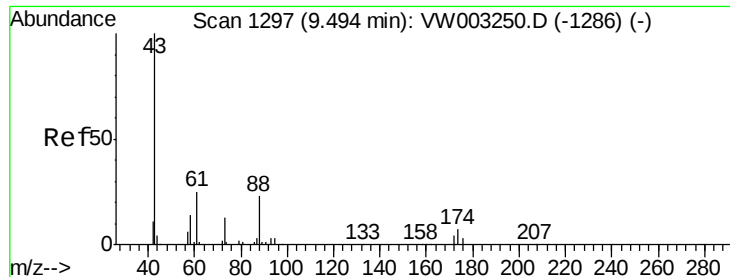
Delta R.T. -0.01 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Tgt Ion:	41	Resp:	82761
Ion Ratio	Lower	Upper	
41	100		
69	79.2	65.4	98.2
39	64.1	54.2	81.2





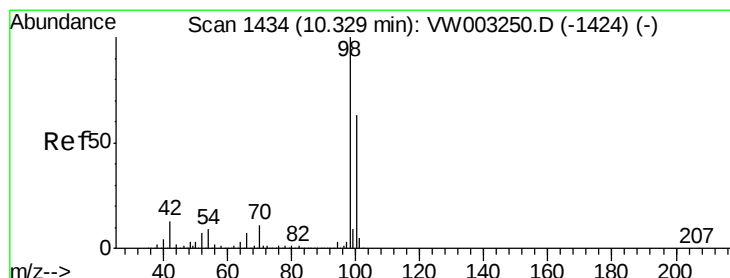
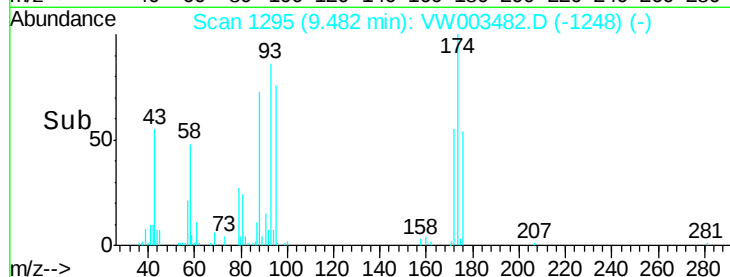
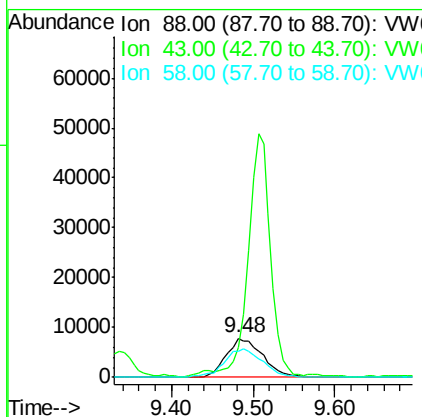
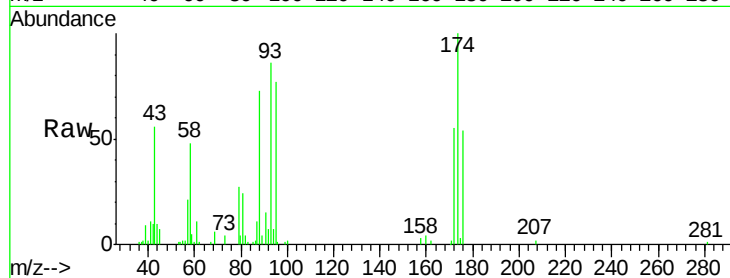
#49
 1,4-Dioxane
 Concen: 1569.65 ug/l
 RT: 9.48 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: VW003482.D
 Acq: 24 Jun 2018 02:21

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-13-15-180621MS

Tot Ion	88	Resp	24121
Ion Ratio	Lower	Upper	
88	100		
43	0.0	454.7	682.1#
58	77.4	58.6	88.0

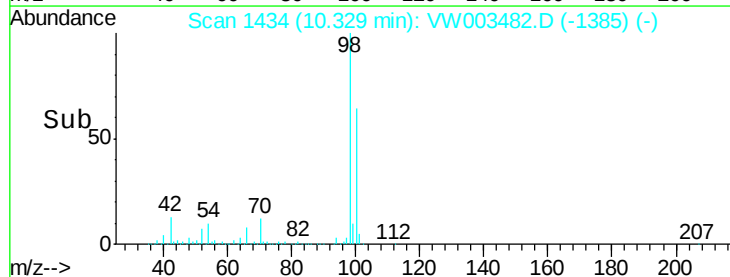
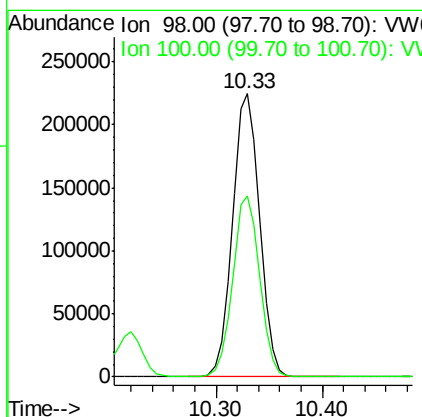
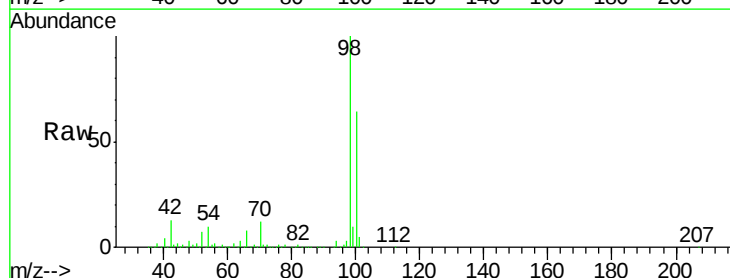
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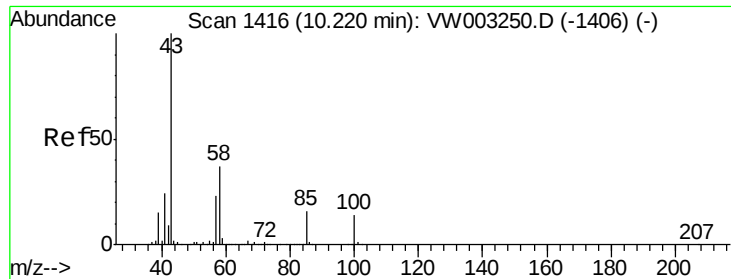
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#50
 Toluene-d8
 Concen: 55.38 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003482.D
 Acq: 24 Jun 2018 02:21

Tgt Ion	98	Resp	400206
Ion Ratio	Lower	Upper	
98	100		
100	63.6	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 383.31 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion: 43 Resp: 455087

Ion Ratio Lower Upper

43 100

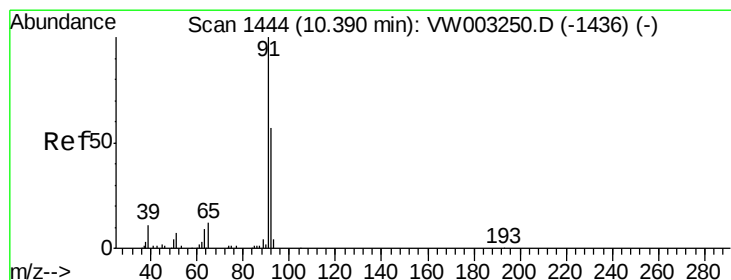
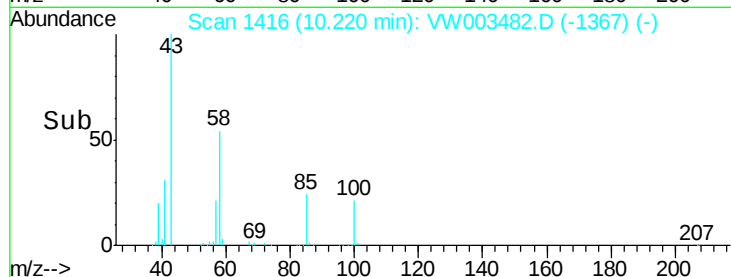
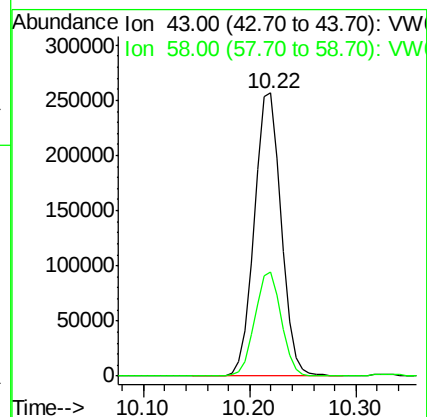
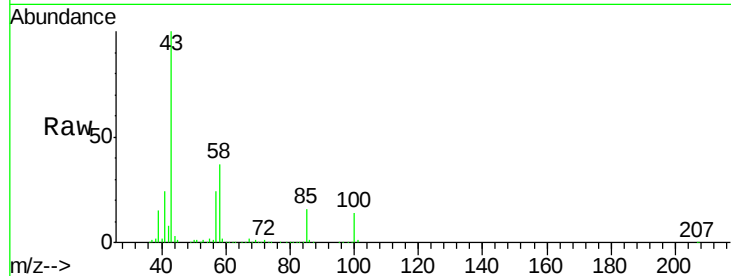
58 36.4 29.0 43.4

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#52

Toluene

Concen: 51.08 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003482.D

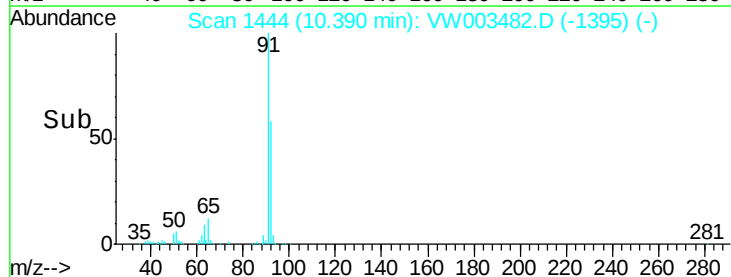
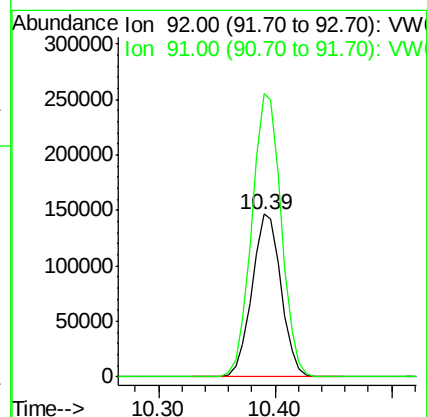
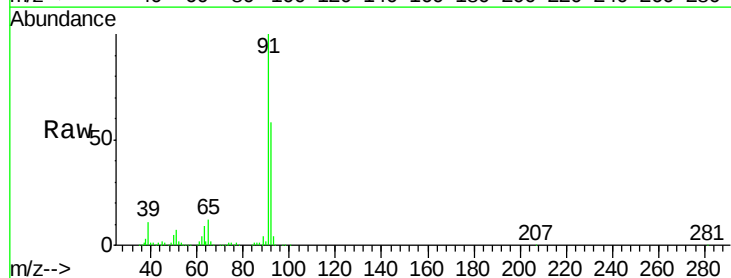
Acq: 24 Jun 2018 02:21

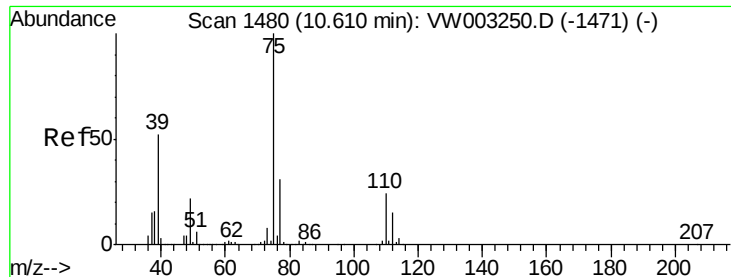
Tgt Ion: 92 Resp: 255730

Ion Ratio Lower Upper

92 100

91 175.7 141.1 211.7





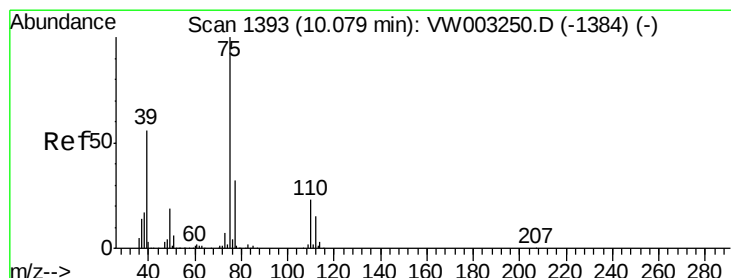
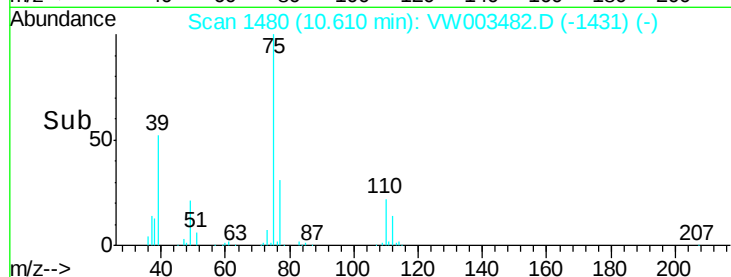
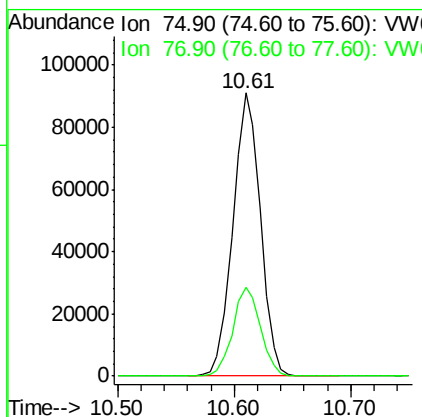
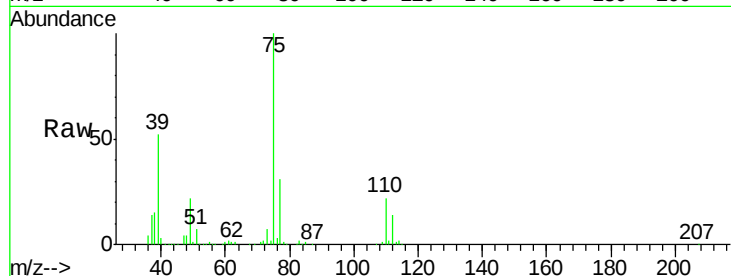
#53
t-1,3-Dichloropropene
Concen: 56.14 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.9	37.3

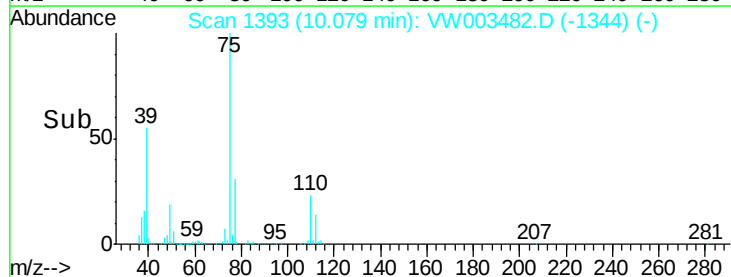
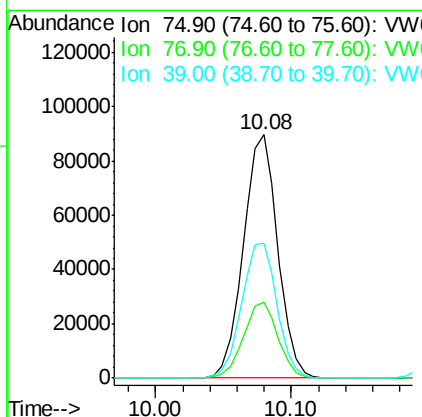
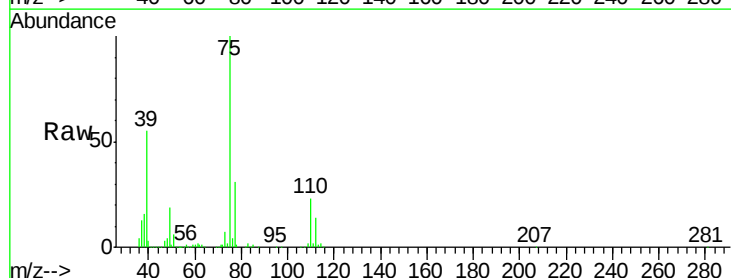
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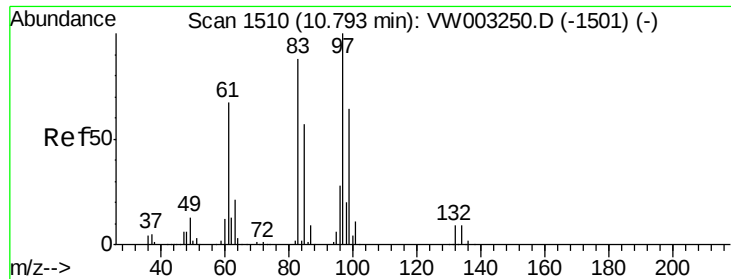
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#54
cis-1,3-Dichloropropene
Concen: 52.26 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.8	38.6
39	55.4	45.2	67.8





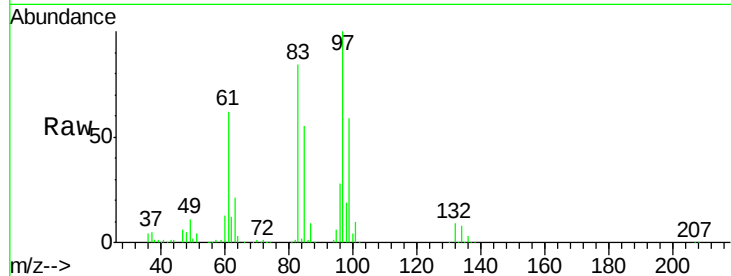
#55
 1,1,2-Trichloroethane
 Concen: 60.16 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003482.D
 Acq: 24 Jun 2018 02:21

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-13-15-180621MS

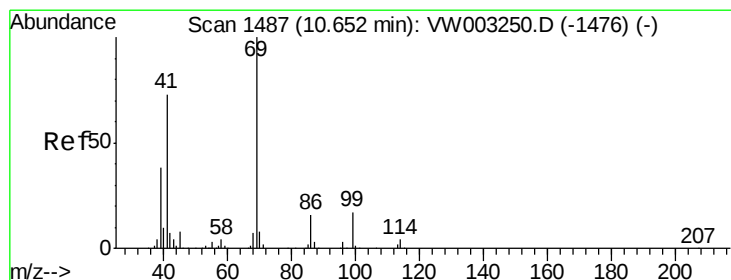
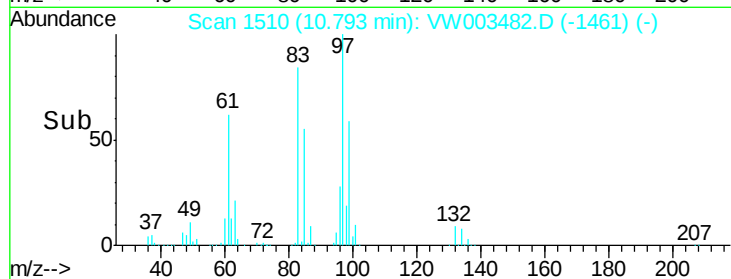
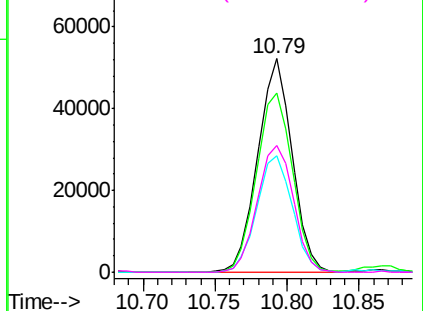
Tot Ion:	97	Resp:	86279
Ion	Ratio	Lower	Upper
97	100		
83	84.0	70.2	105.2
85	54.7	45.6	68.4
99	59.1	51.2	76.8

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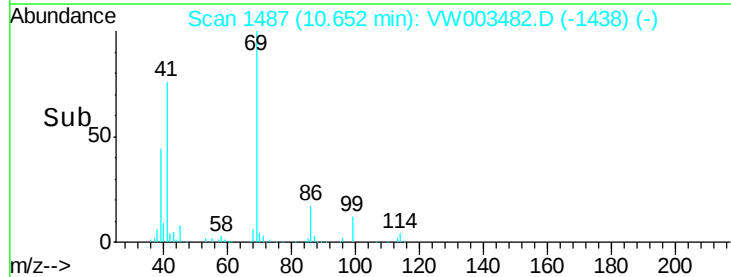
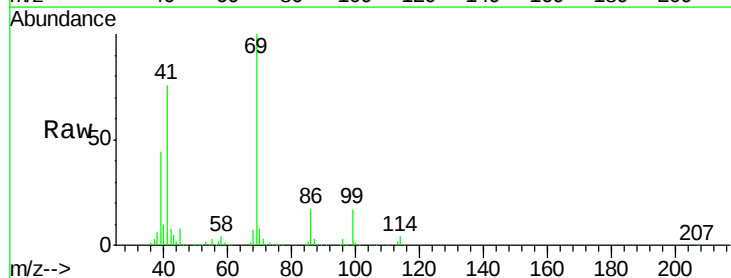
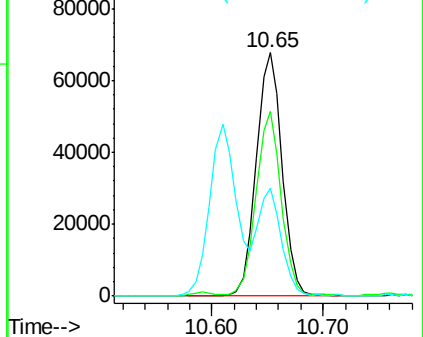
Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

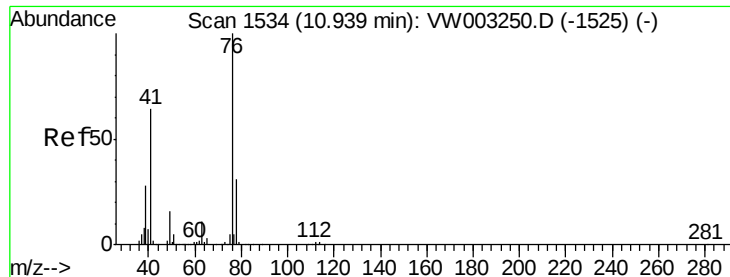


#56
 Ethyl methacrylate
 Concen: 63.10 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003482.D
 Acq: 24 Jun 2018 02:21

Tgt Ion:	69	Resp:	109897
Ion	Ratio	Lower	Upper
69	100		
41	73.2	57.8	86.6
39	40.0	32.7	49.1

Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 59.67 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion: 76 Resp: 147585

Ion Ratio Lower Upper

76 100

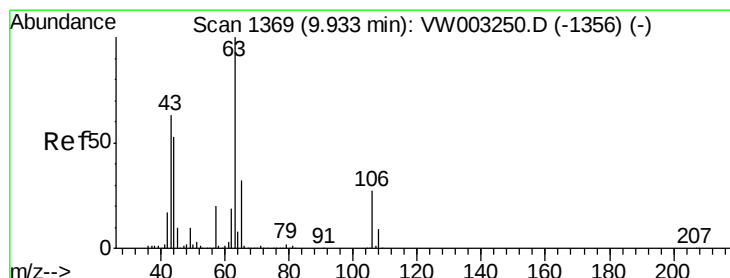
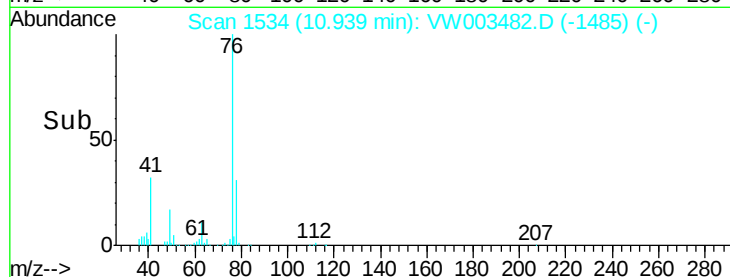
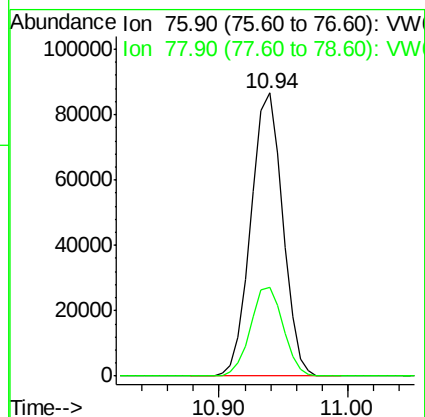
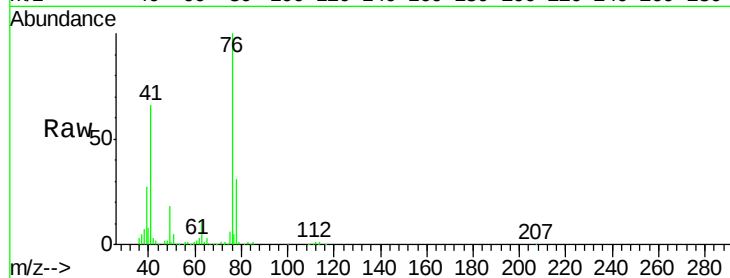
78 32.3 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 343.95 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW003482.D

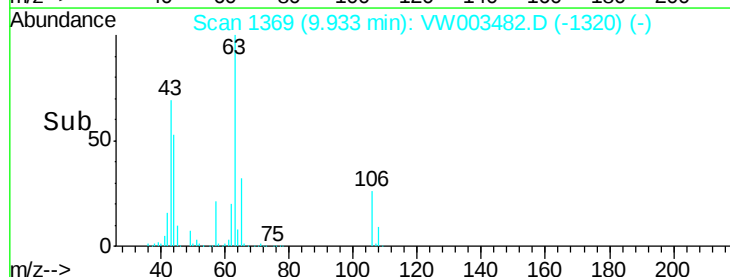
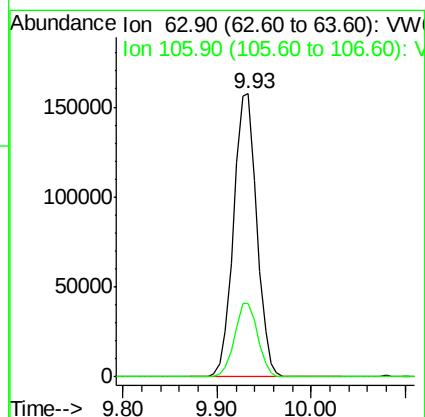
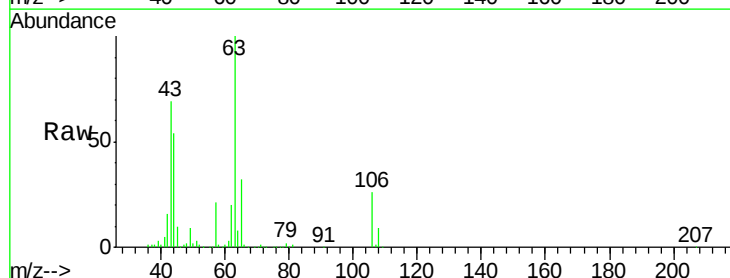
Acq: 24 Jun 2018 02:21

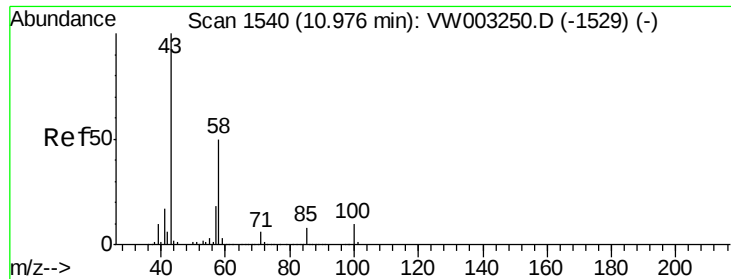
Tgt Ion: 63 Resp: 268521

Ion Ratio Lower Upper

63 100

106 26.1 21.8 32.8





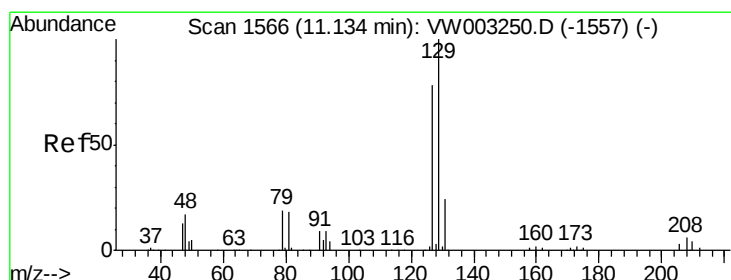
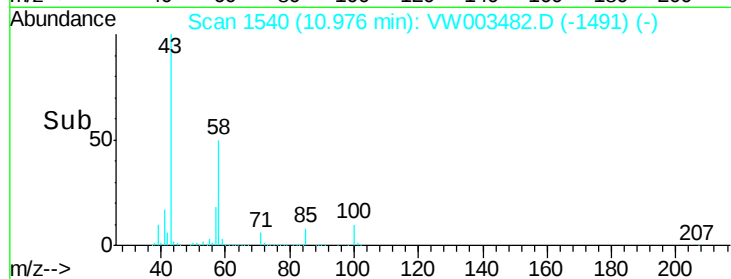
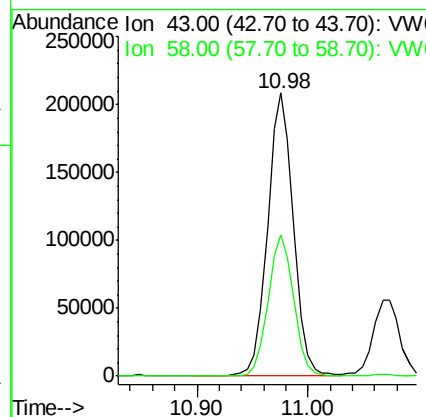
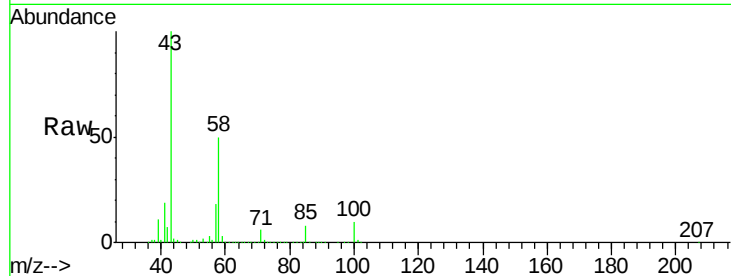
#59
2-Hexanone
Concen: 405.48 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.4	25.0	75.0

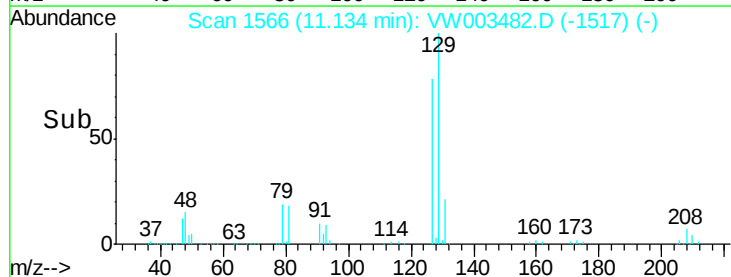
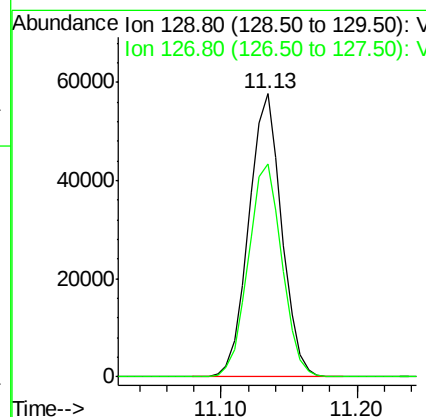
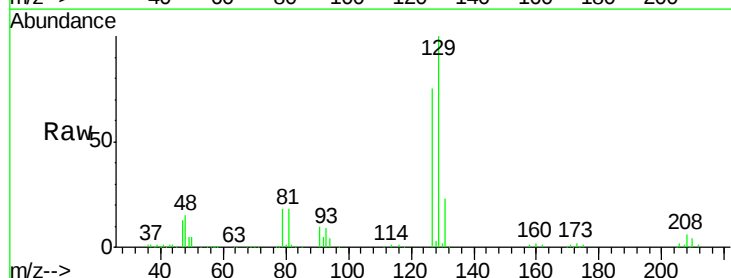
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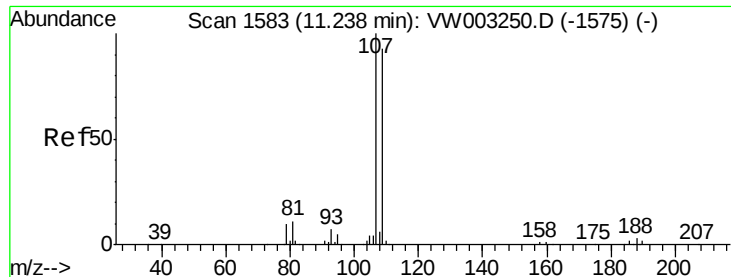
apatel
6/26/2018 11:11:12 AM



#60
Dibromochloromethane
Concen: 57.27 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.1	117.5





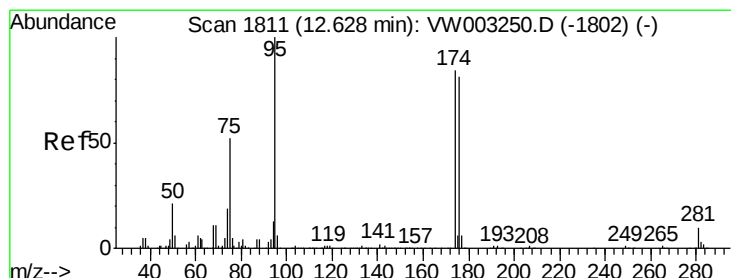
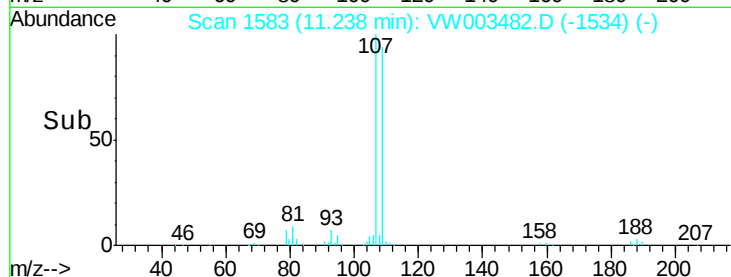
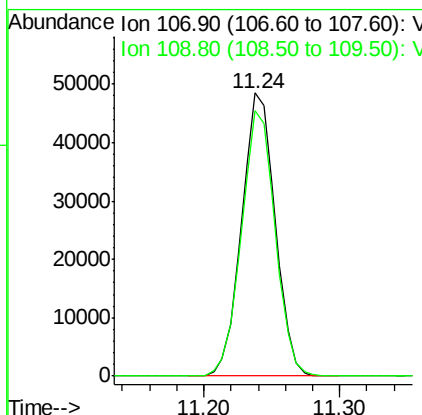
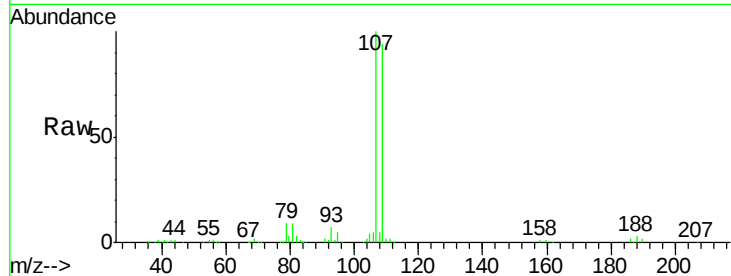
#61
 1,2-Dibromoethane
 Concen: 61.55 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003482.D
 Acq: 24 Jun 2018 02:21

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-13-15-180621MS

Tot Ion: 107 Resp: 83502
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.6

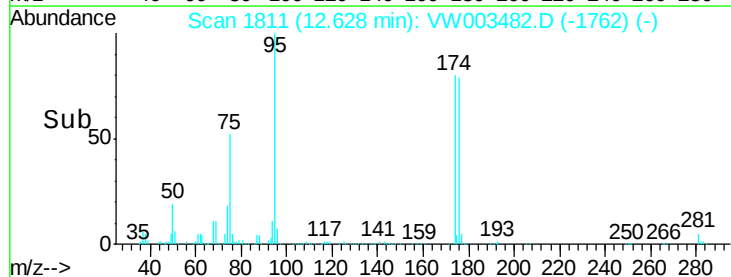
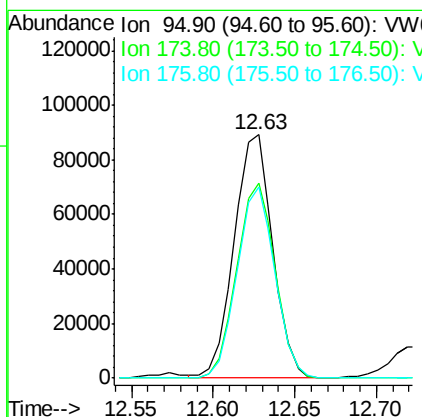
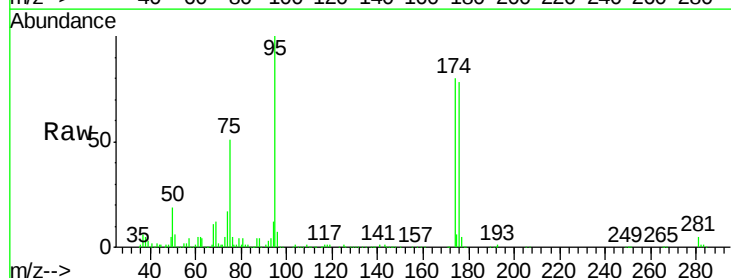
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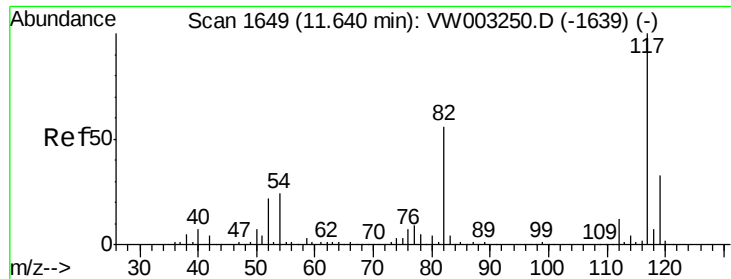
apatel
 6/26/2018 11:11:12 AM



#62
 4-Bromofluorobenzene
 Concen: 57.10 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003482.D
 Acq: 24 Jun 2018 02:21

Tgt Ion: 95 Resp: 146016
 Ion Ratio Lower Upper
 95 100
 174 80.2 0.0 166.4
 176 77.4 0.0 162.0





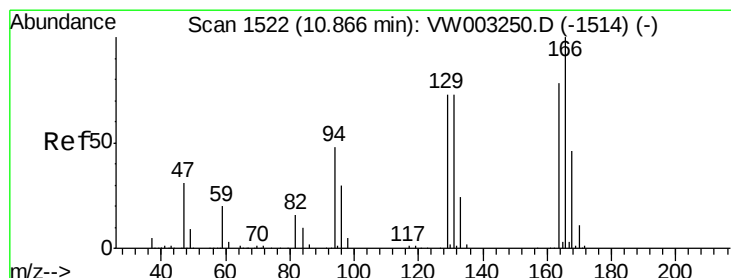
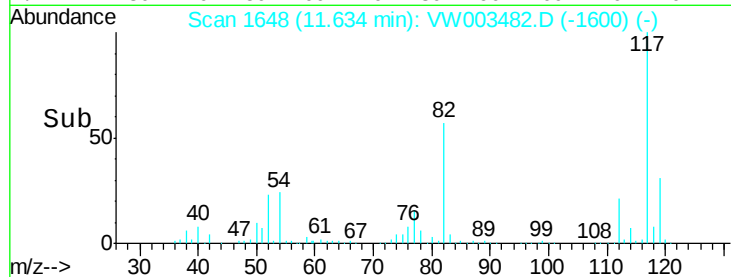
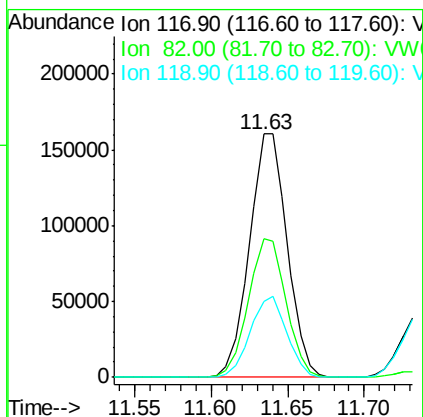
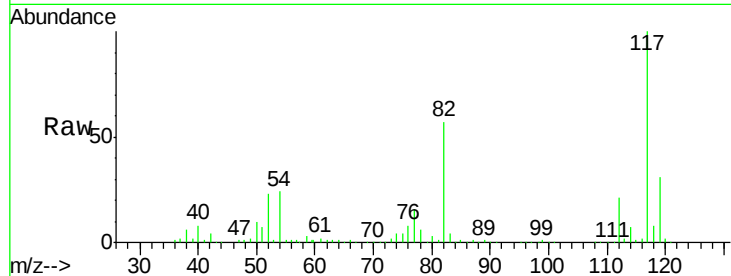
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	275661		
82	57.1	44.6	67.0	
119	31.1	26.7	40.1	

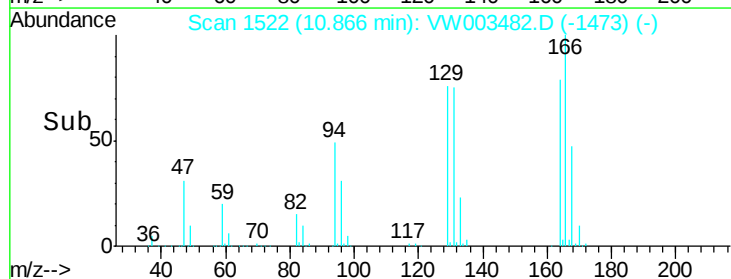
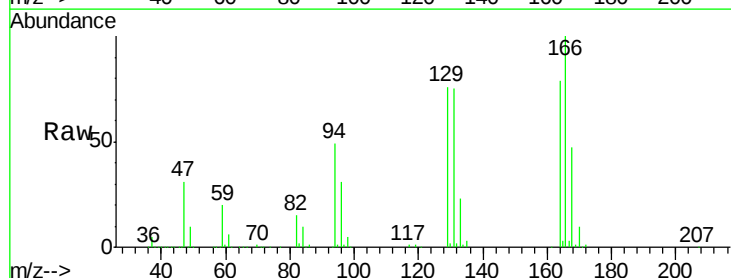
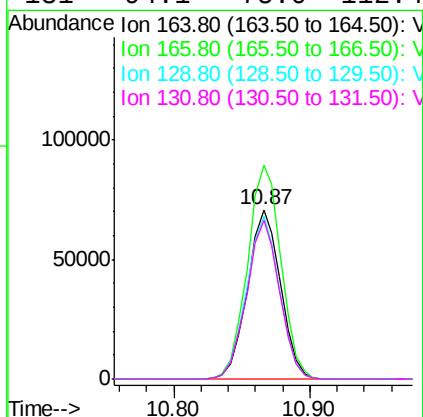
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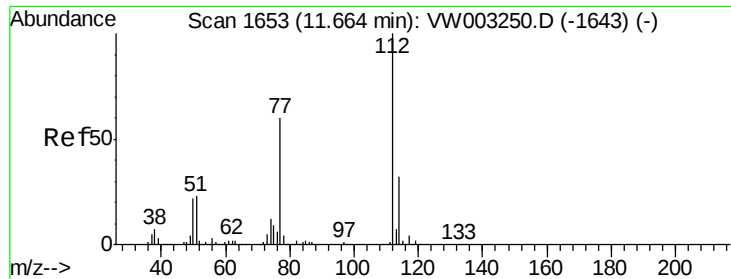
apatel
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#64
Tetrachloroethene
Concen: 65.43 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	120642		
166	126.1	102.6	154.0	
129	95.9	75.2	112.8	
131	94.1	75.0	112.4	





#65

Chlorobenzene

Concen: 327.78 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion:112 Resp: 1881581

Ion Ratio Lower Upper

112 100

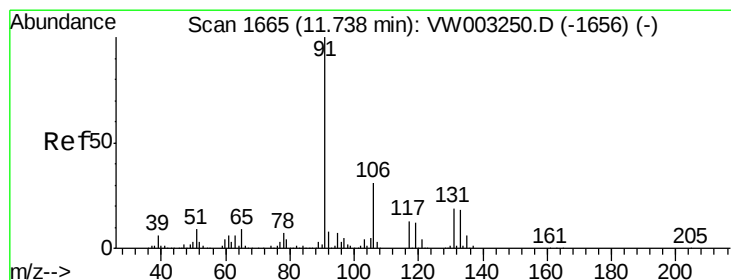
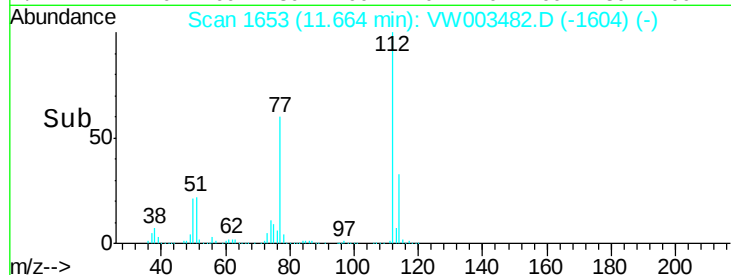
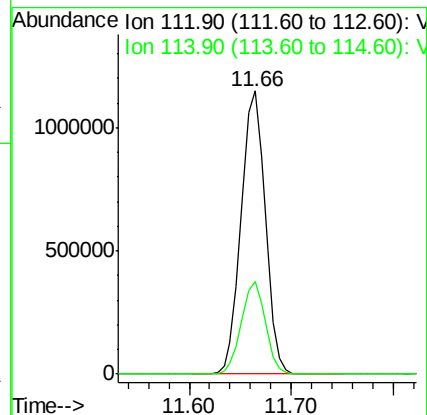
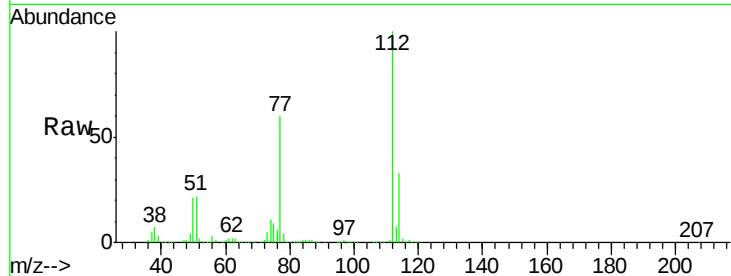
114 32.5 25.9 38.9

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 50.74 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

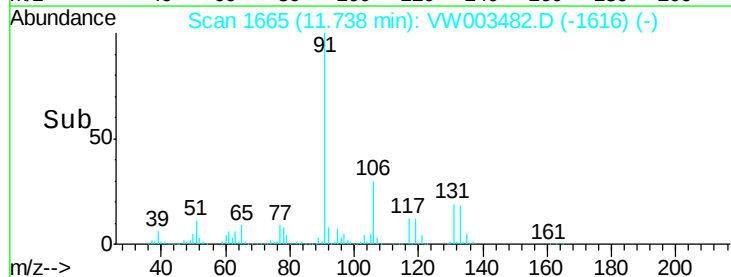
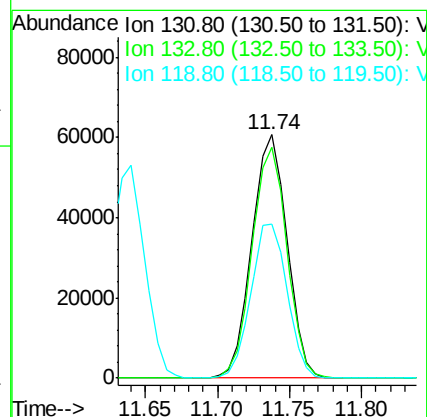
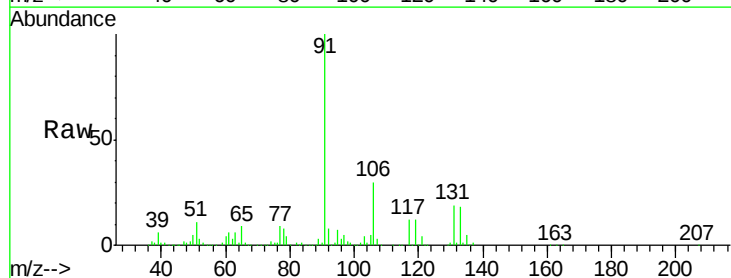
Tgt Ion:131 Resp: 102359

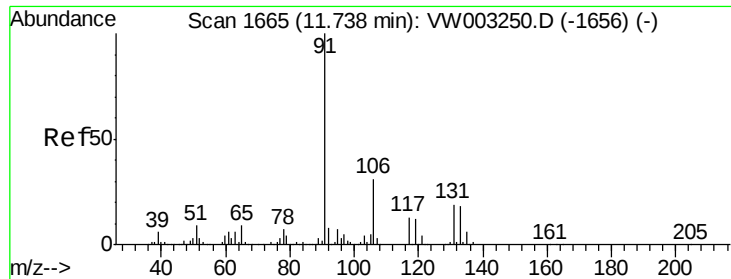
Ion Ratio Lower Upper

131 100

133 93.9 47.3 142.0

119 65.1 32.5 97.4





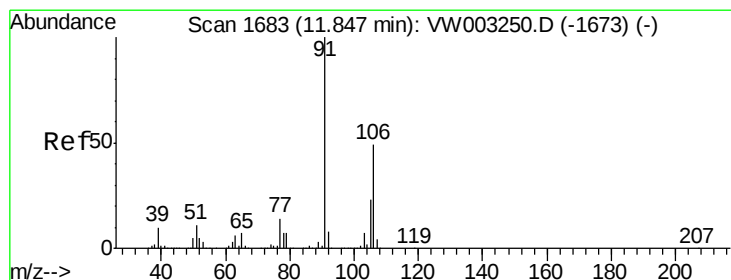
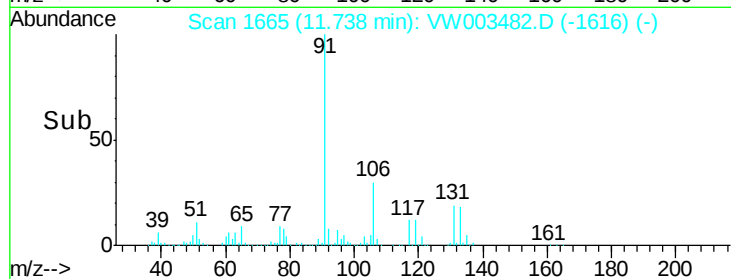
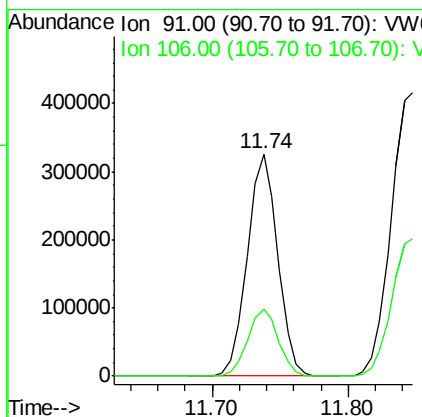
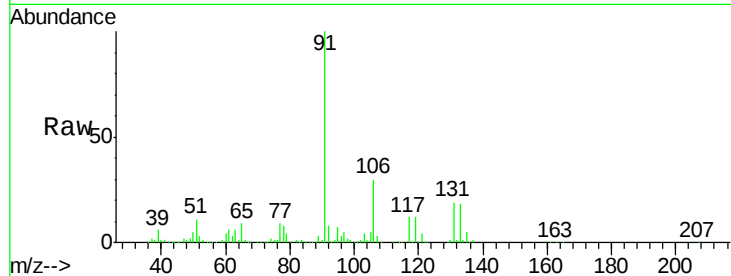
#67
Ethyl Benzene
Concen: 50.13 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

Tot Ion: 91 Resp: 510151
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1

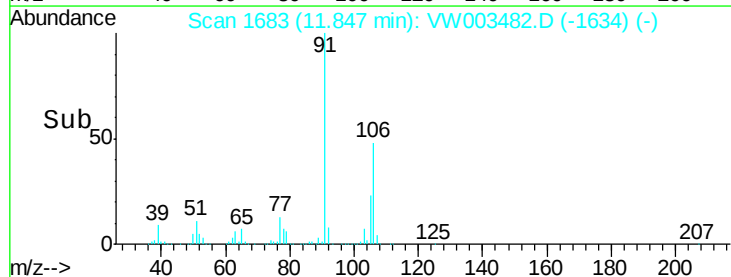
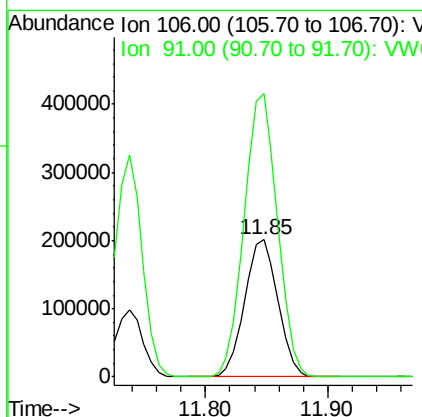
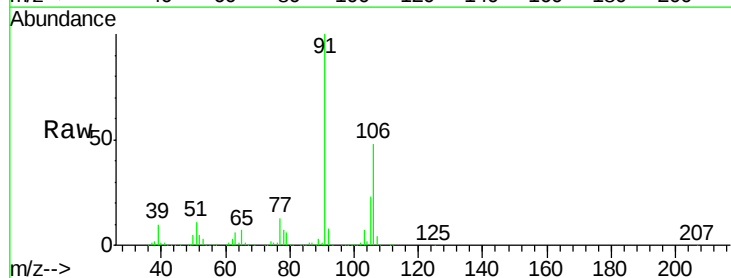
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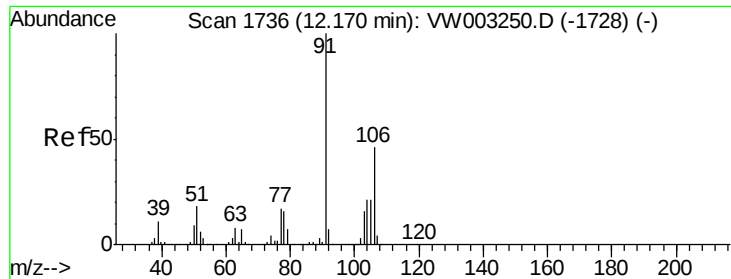
apatel
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#68
m/p-Xylenes
Concen: 98.20 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion: 106 Resp: 379853
Ion Ratio Lower Upper
106 100
91 206.8 165.4 248.0





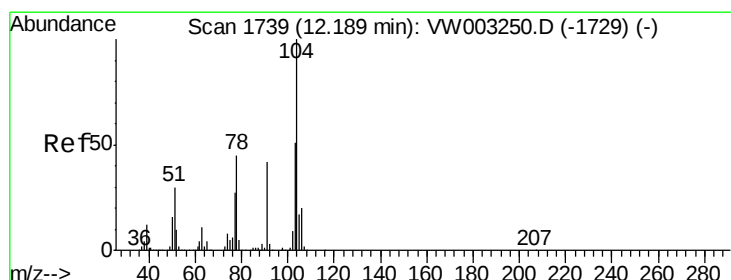
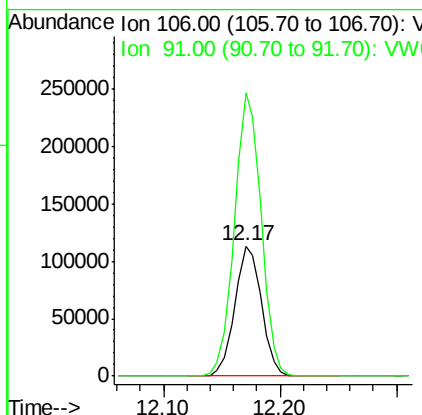
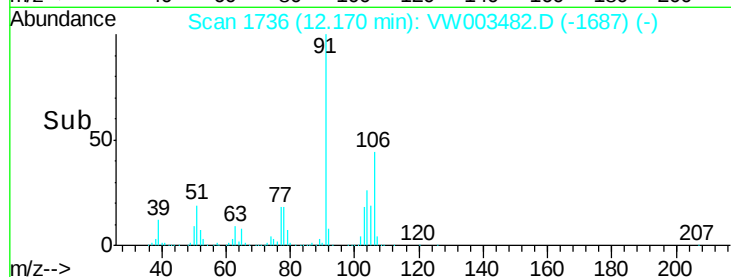
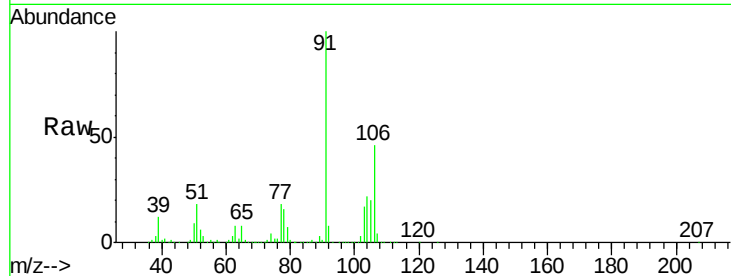
#69
o-Xylene
Concen: 50.48 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		180959		
91	217.4	108.6	325.6		

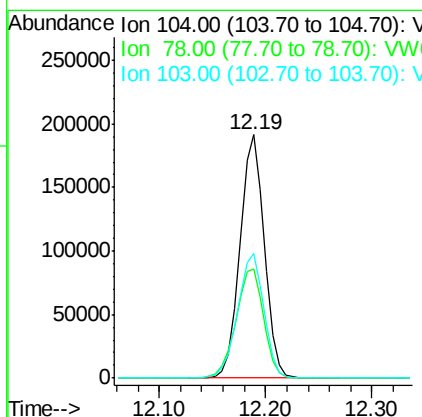
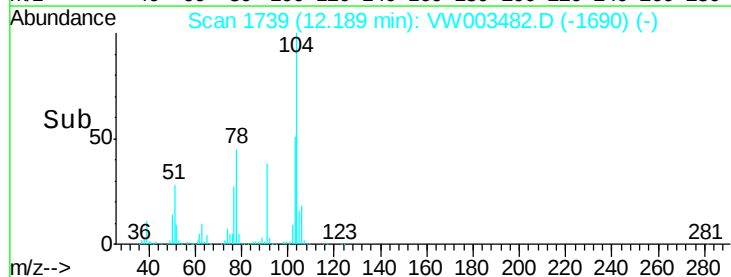
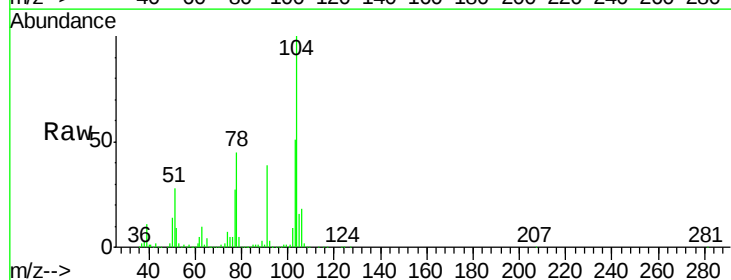
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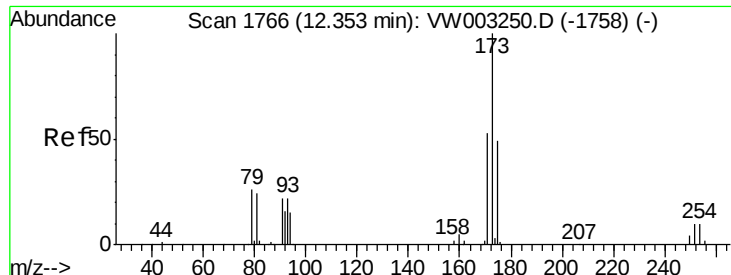
apatel
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#70
Styrene
Concen: 51.42 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		306806		
78	51.0	41.3	61.9		
103	55.3	45.0	67.4		





#71

Bromoform

Concen: 60.97 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

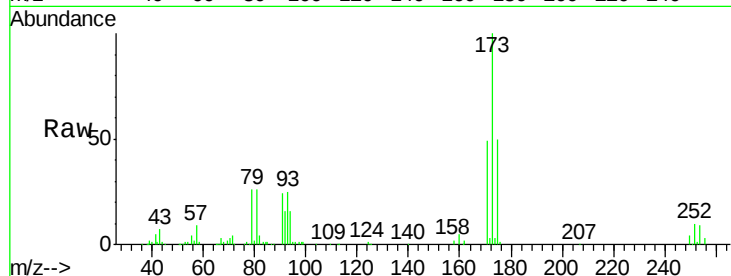
ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.4	73.4
254	0.0	0.1	0.1

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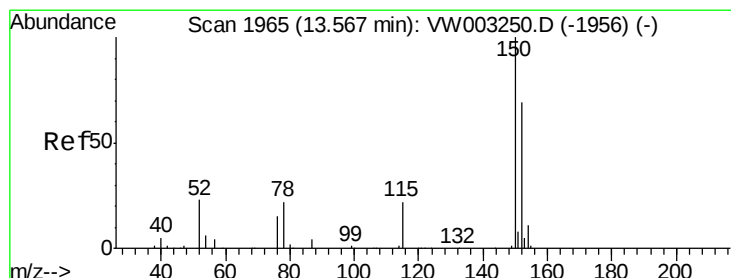
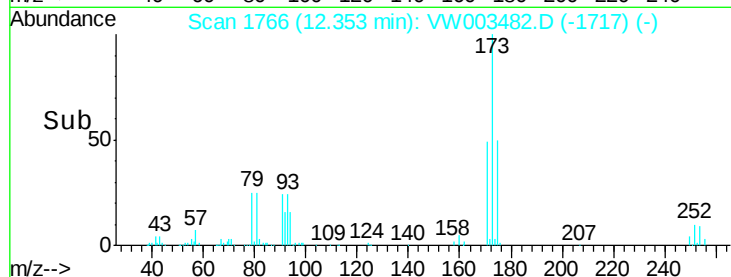
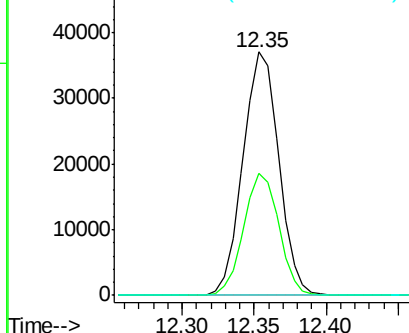


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

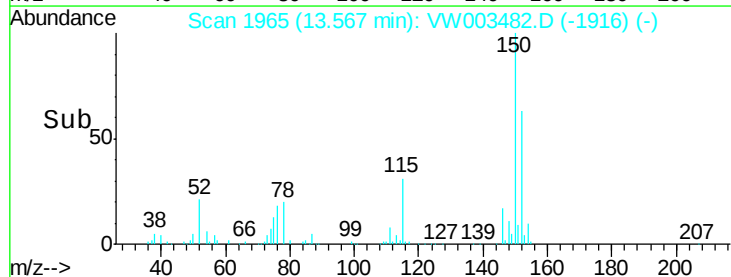
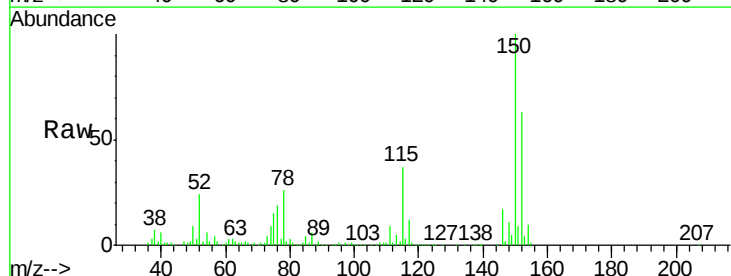
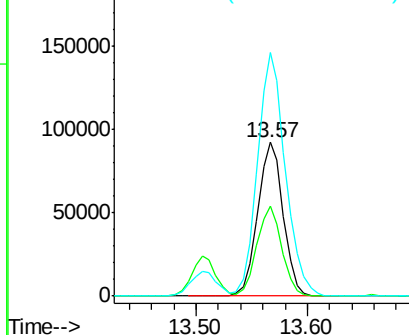
Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.3	88.0
150	173.1	0.0	349.6

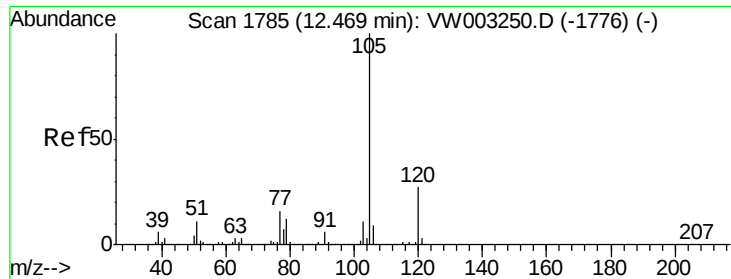
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





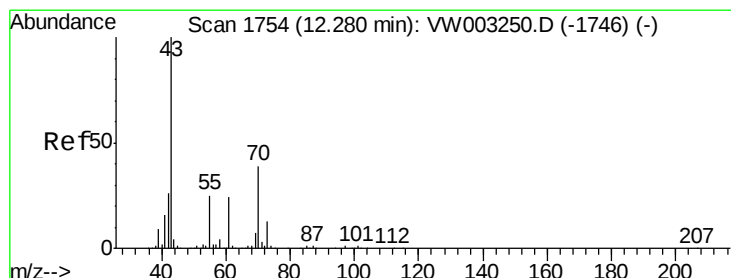
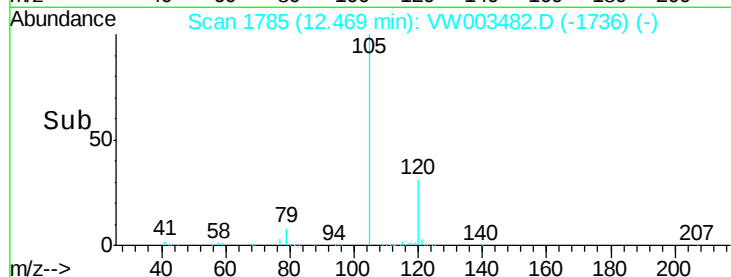
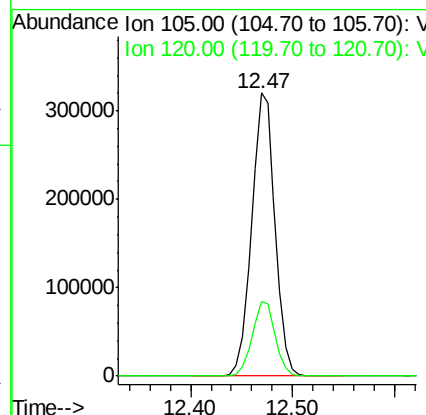
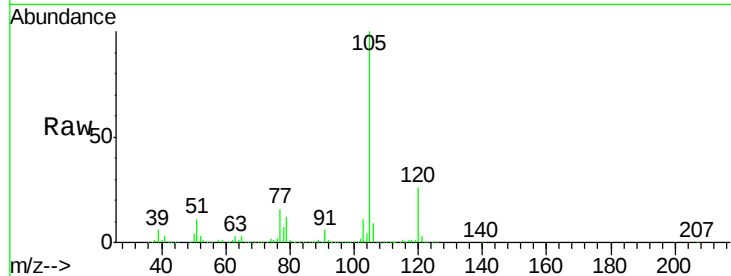
#73
Isopropylbenzene
Concen: 49.61 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.6

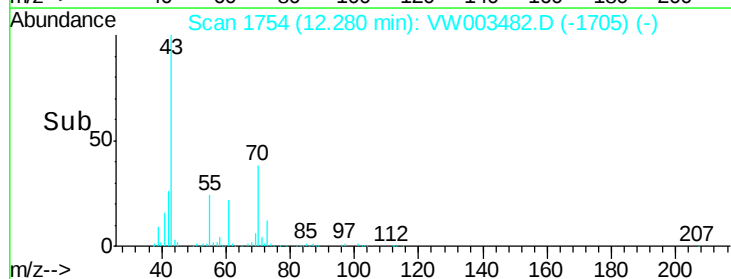
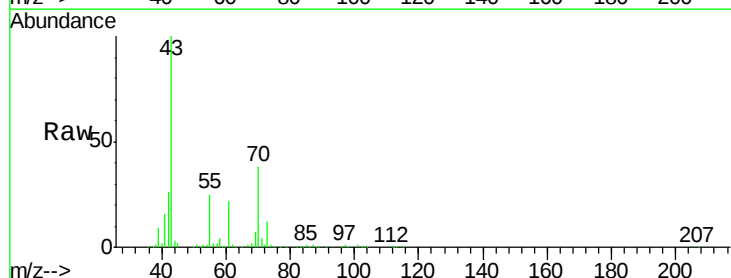
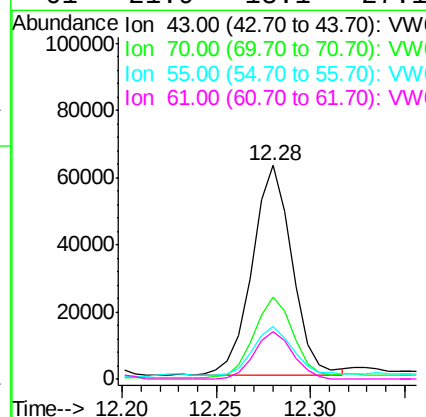
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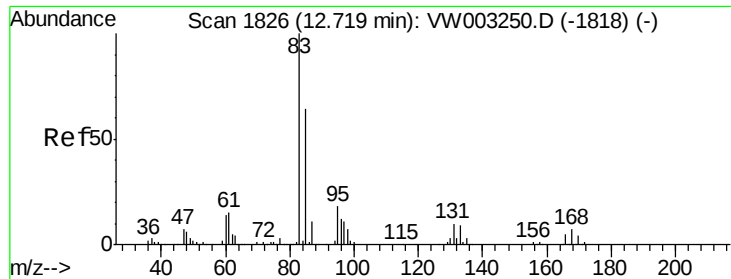
apatel
6/26/2018 11:11:12 AM



#74
N-ethyl acetate
Concen: 39.27 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.8	31.0	46.6
55	23.8	19.7	29.5
61	21.9	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 64.91 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

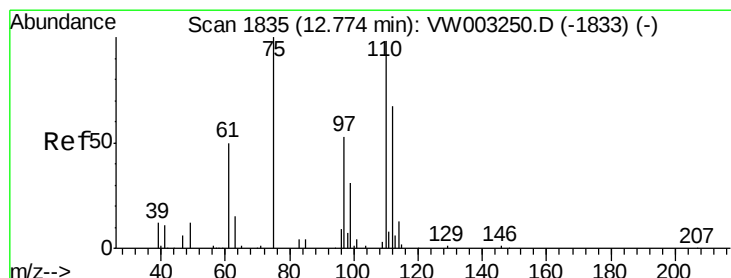
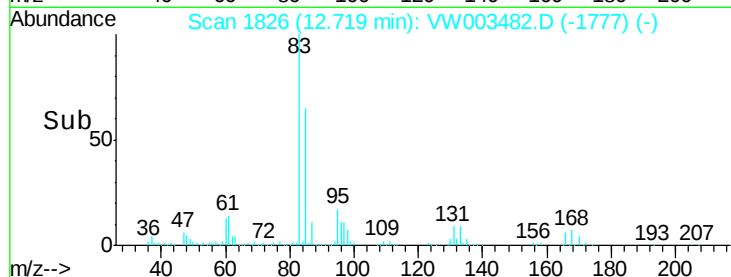
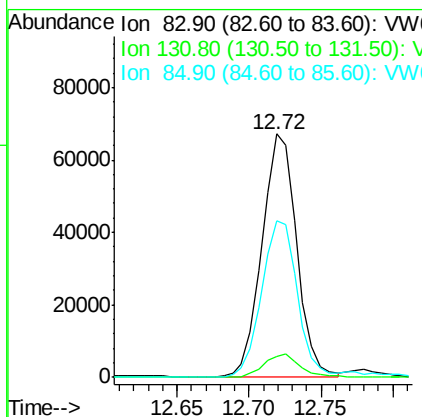
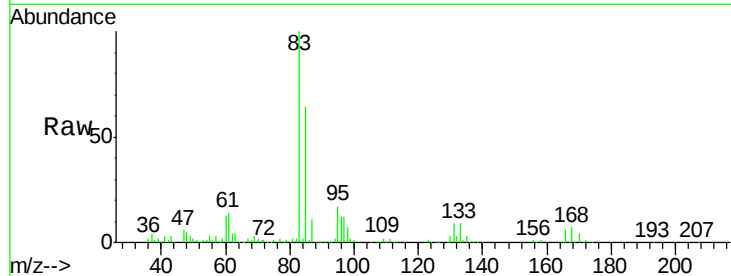
ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion:	83	Resp:	112174
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.4	16.2
85	66.4	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 64.95 ug/l m

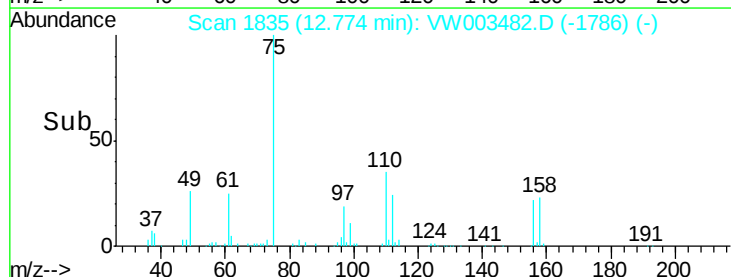
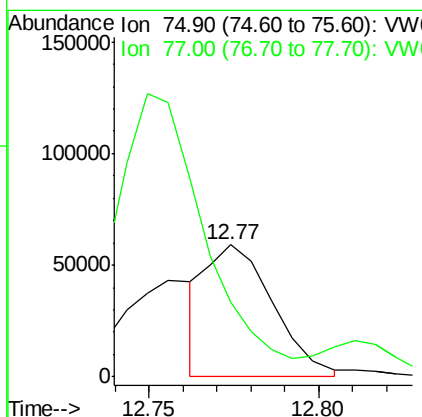
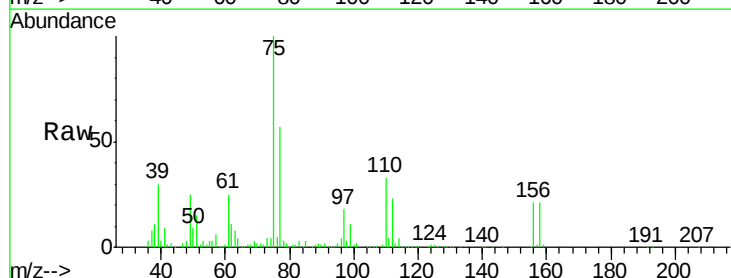
RT: 12.77 min Scan# 1835

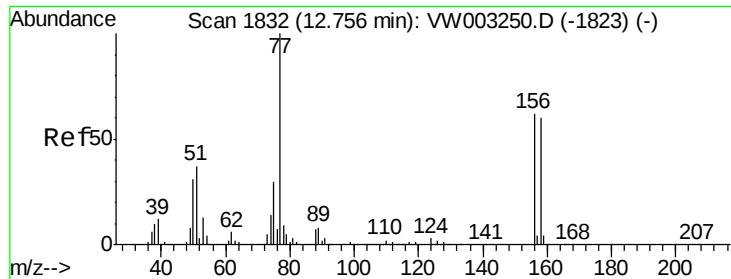
Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Tgt Ion:	75	Resp:	81544
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.82 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

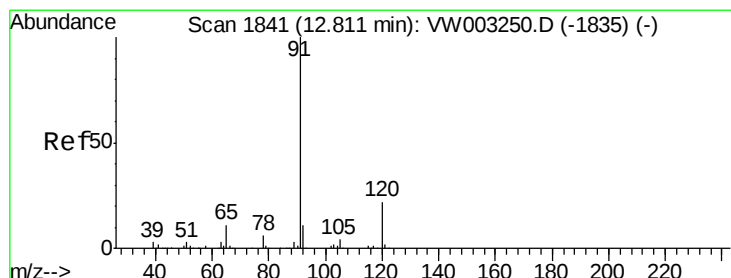
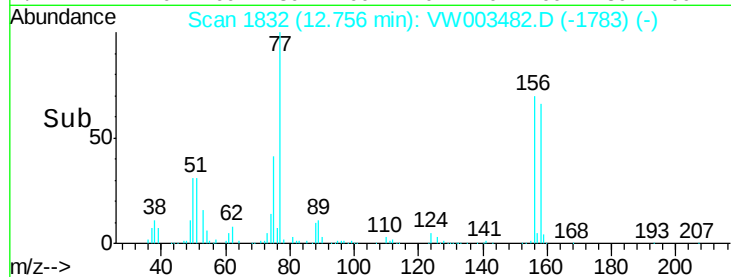
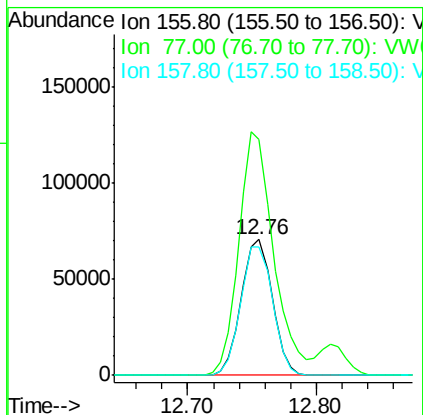
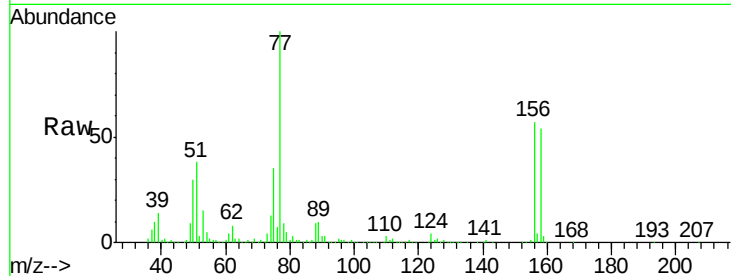
ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion:	156	Resp:	118535
Ion Ratio	Lower	Upper	
156	100		
77	199.1	92.3	276.9
158	97.6	47.5	142.6

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#78

n-propylbenzene

Concen: 48.98 ug/l

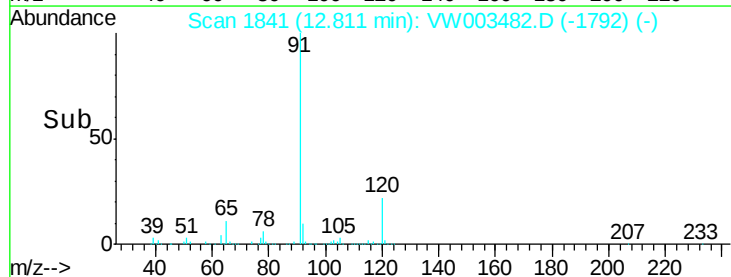
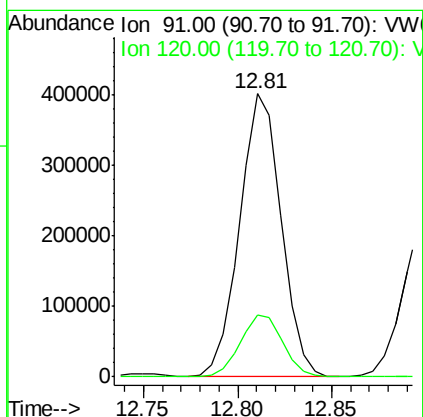
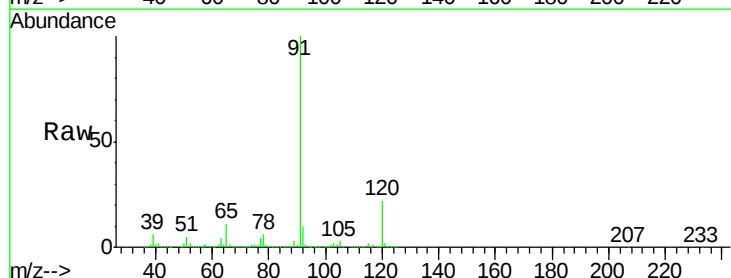
RT: 12.81 min Scan# 1841

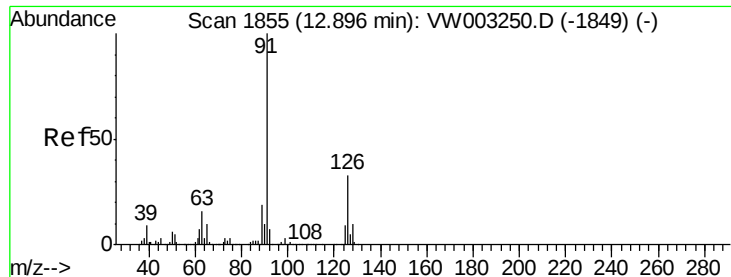
Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Tgt Ion:	91	Resp:	612668
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.3	33.8





#79

2-Chlorotoluene

Concen: 49.47 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion: 91 Resp: 349696

Ion Ratio Lower Upper

91 100

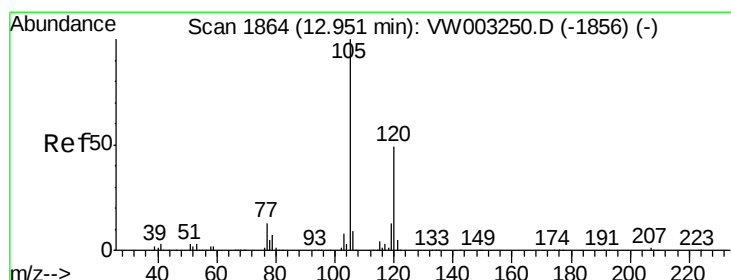
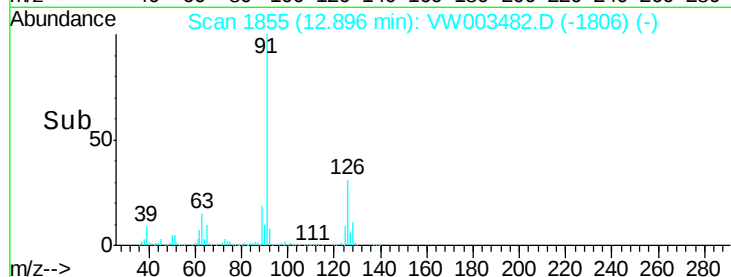
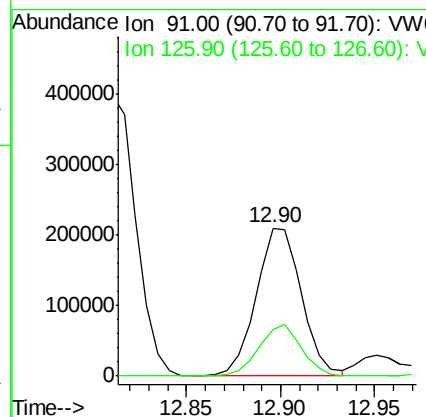
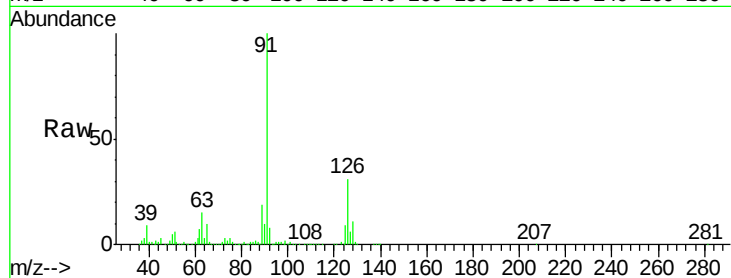
126 32.6 16.8 50.4

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#80

1,3,5-Trimethylbenzene

Concen: 49.12 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003482.D

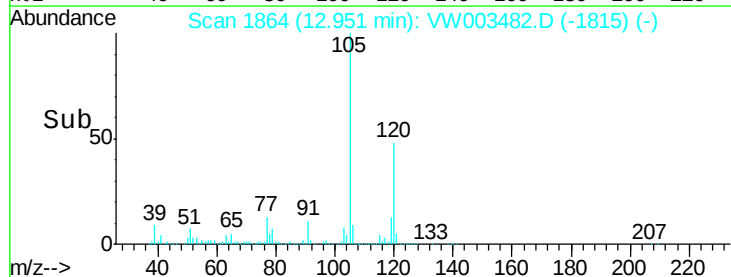
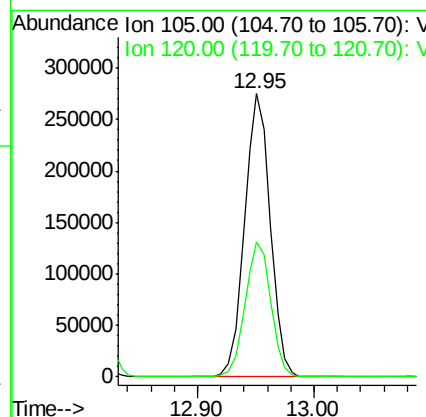
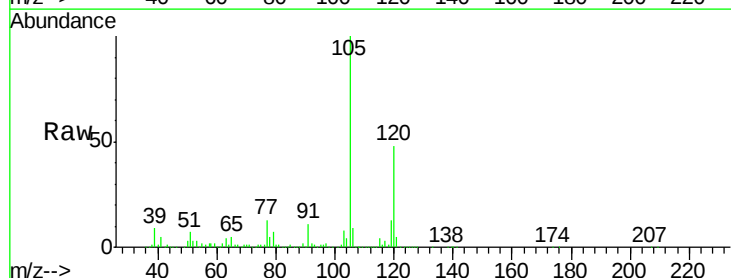
Acq: 24 Jun 2018 02:21

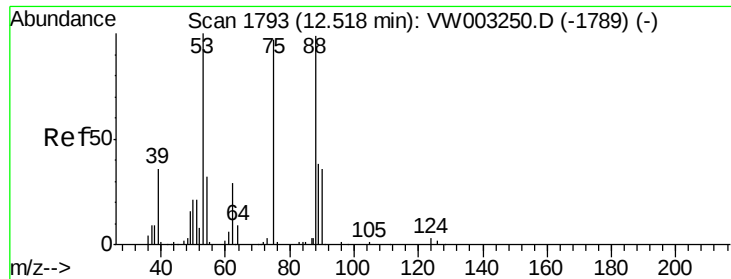
Tgt Ion: 105 Resp: 421162

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.9





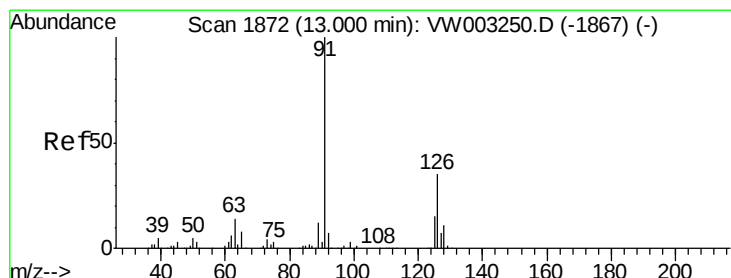
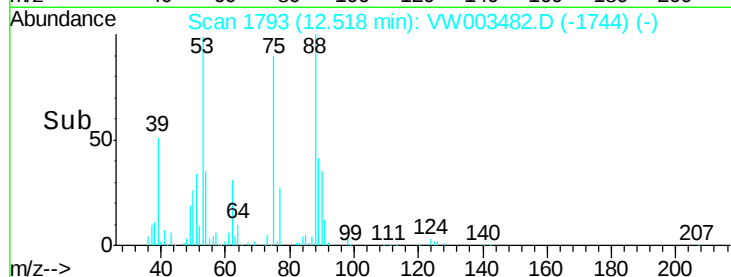
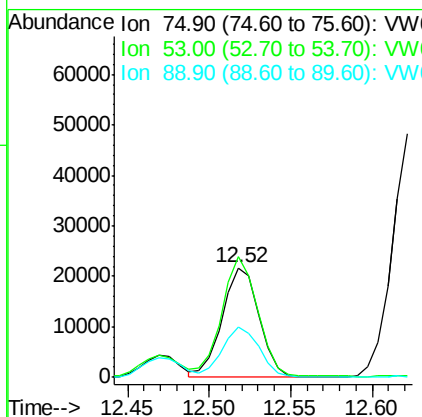
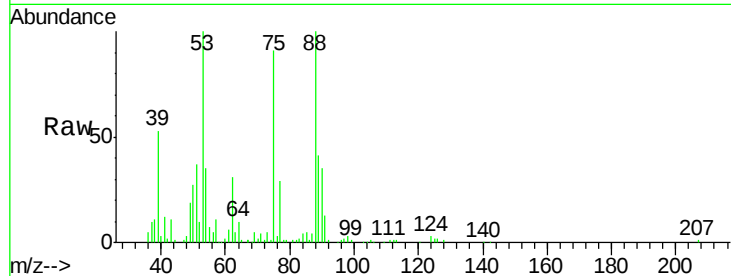
#81
trans-1,4-Dichloro-2-butene
Concen: 61.98 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.9	82.9	124.3
89	46.3	36.7	55.1

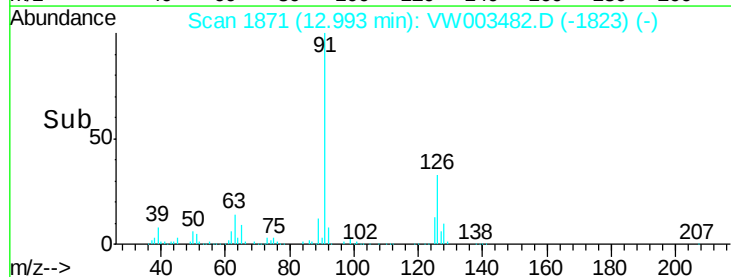
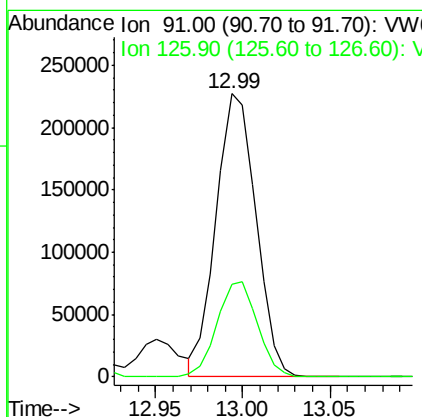
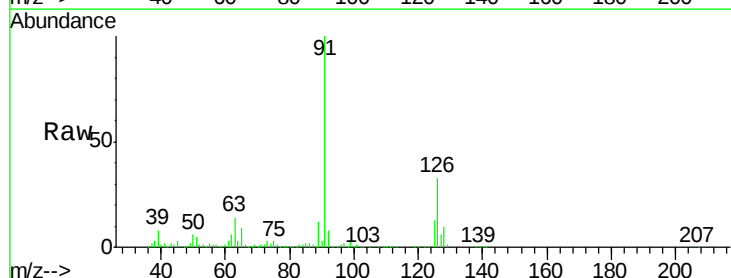
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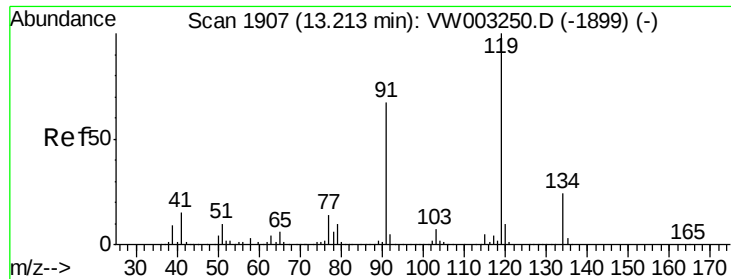
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#82
4-Chlorotoluene
Concen: 48.17 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.8	50.3





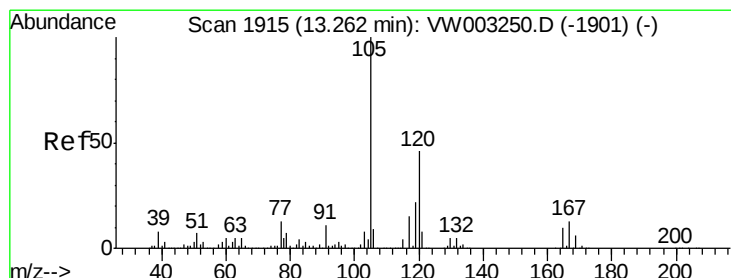
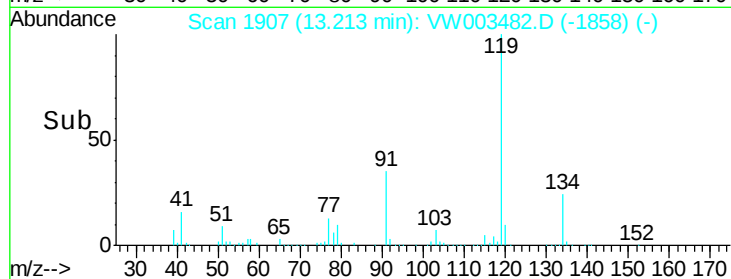
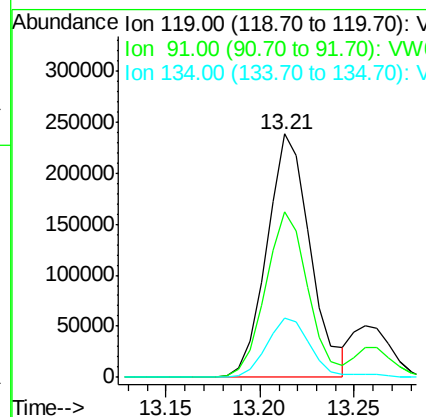
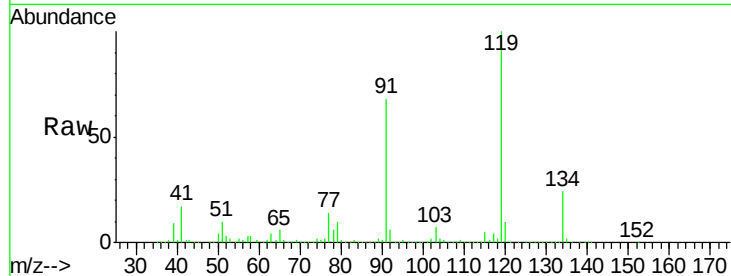
#83
tert-Butylbenzene
Concen: 52.01 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	380082		
91	66.5	33.9	101.7	
134	25.1	13.4	40.1	

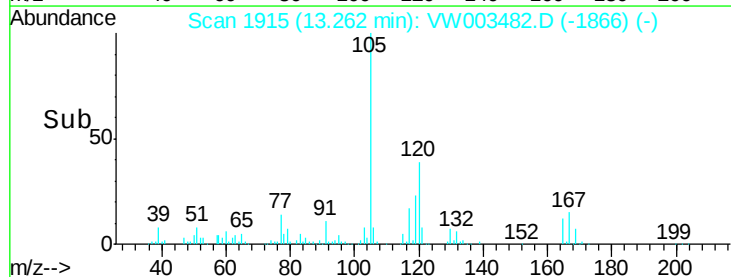
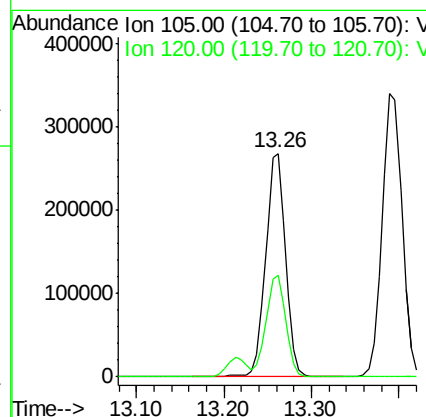
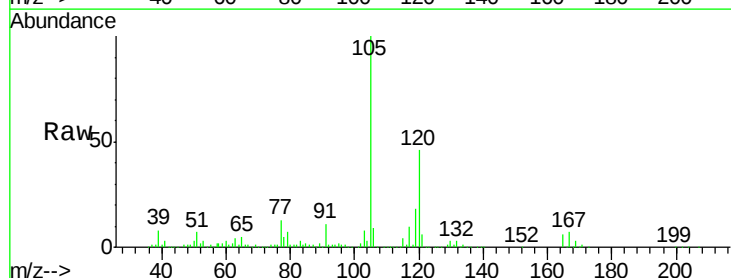
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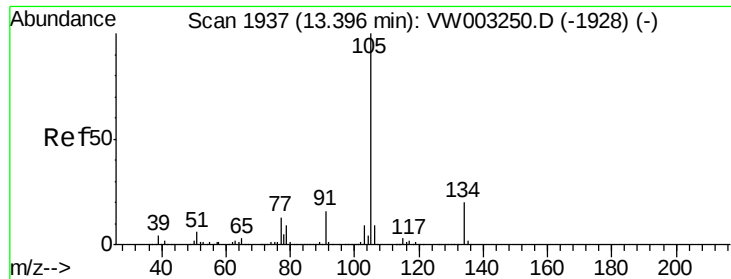
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#84
1,2,4-Trimethylbenzene
Concen: 48.48 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	427592		
120	45.0	22.5	67.5	





#85

sec-Butylbenzene

Concen: 49.32 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

Instrument :

MSVOA_W

ClientSampleId :

WP021SB487-13-15-180621MS

Tot Ion:105 Resp: 535649

Ion Ratio Lower Upper

105 100

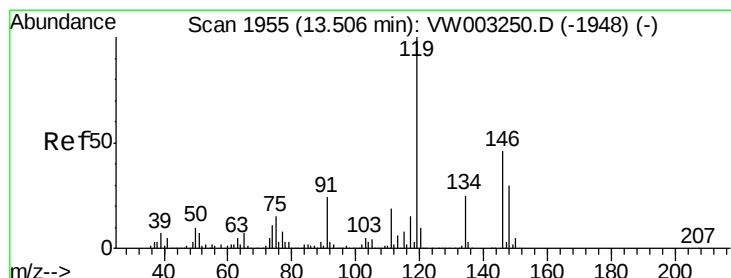
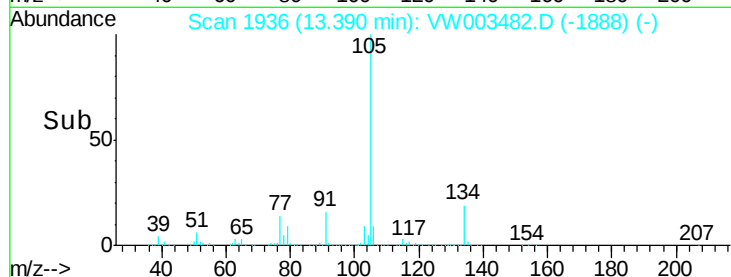
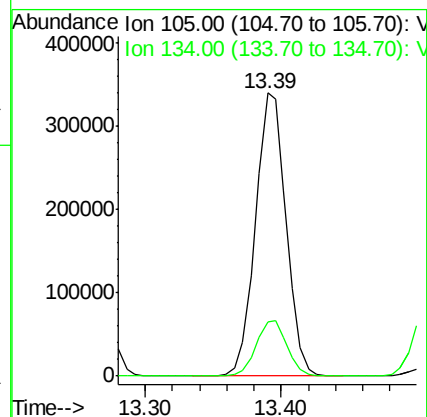
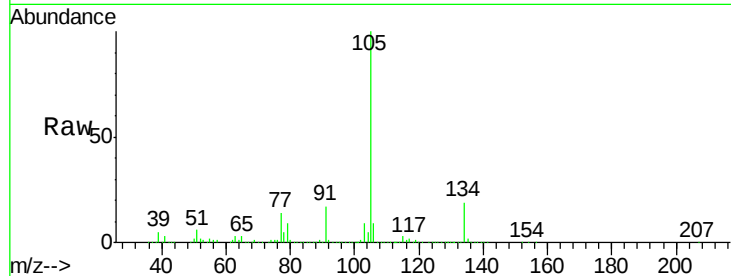
134 20.0 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 48.24 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003482.D

Acq: 24 Jun 2018 02:21

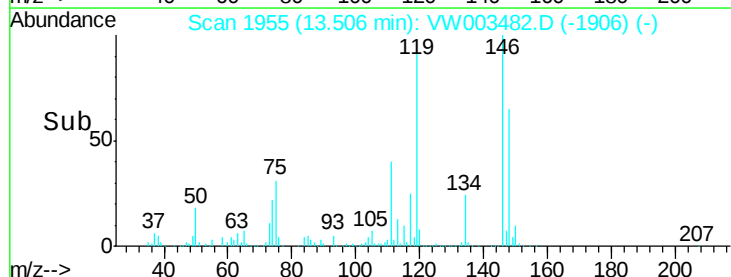
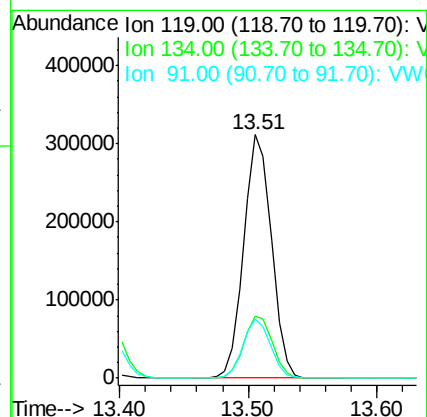
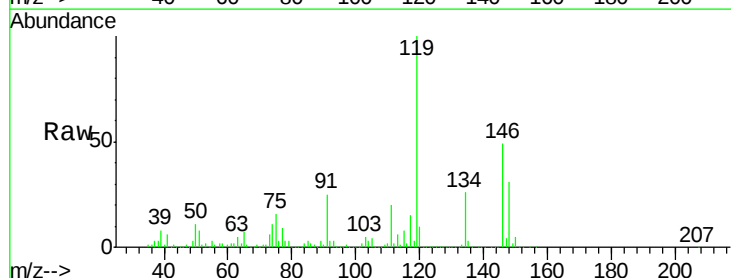
Tgt Ion:119 Resp: 462165

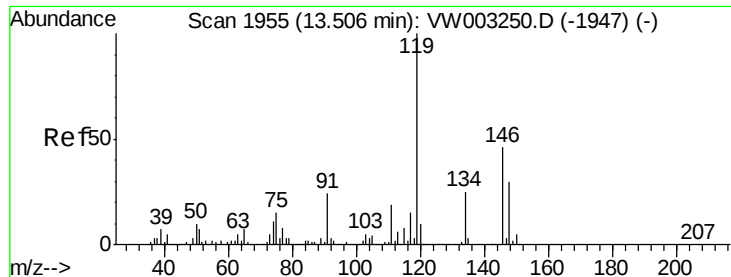
Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

91 24.0 11.8 35.3





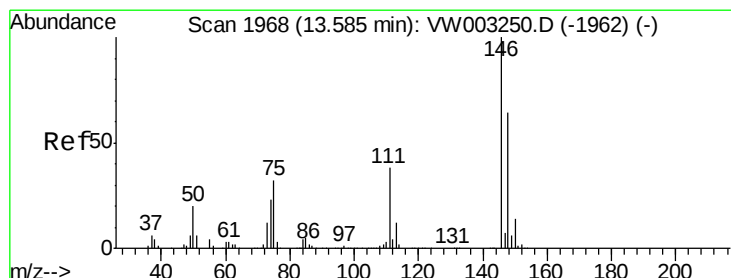
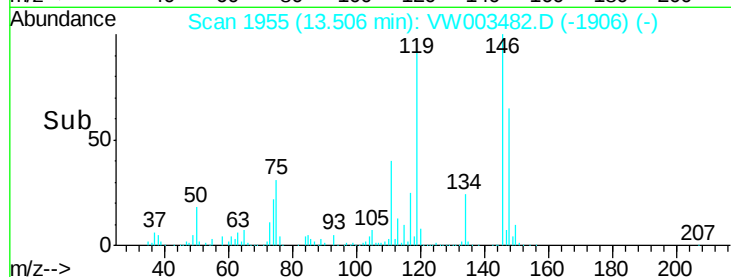
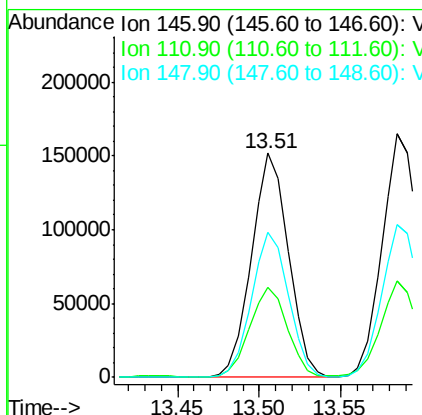
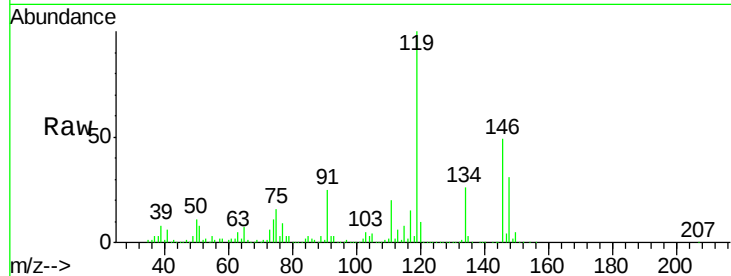
#87
 1,3-Dichlorobenzene
 Concen: 49.07 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003482.D
 Acq: 24 Jun 2018 02:21

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-13-15-180621MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	239834		
111	40.7	19.8	59.4	
148	64.9	32.1	96.5	

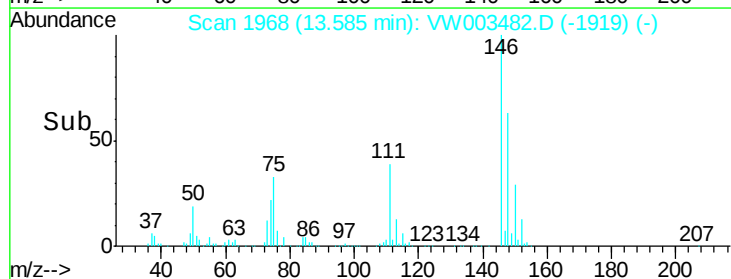
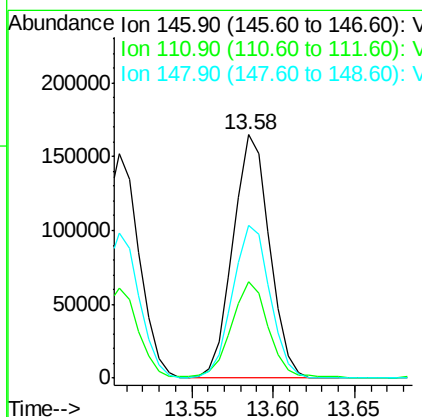
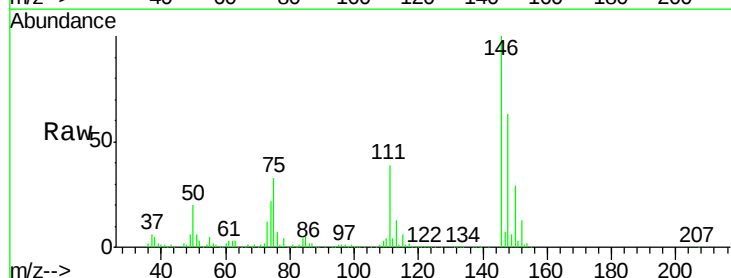
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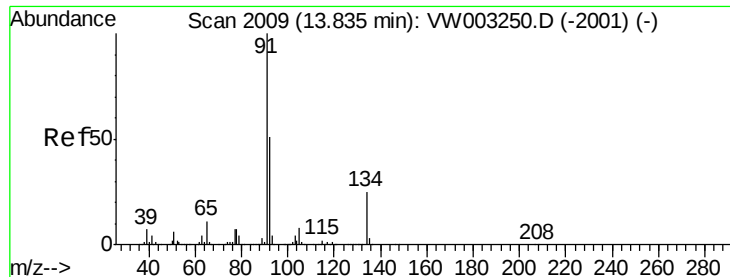
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 53.11 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003482.D
 Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	258018		
111	39.8	19.2	57.6	
148	64.1	31.8	95.4	





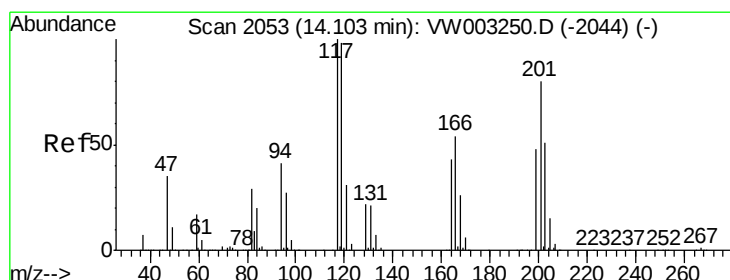
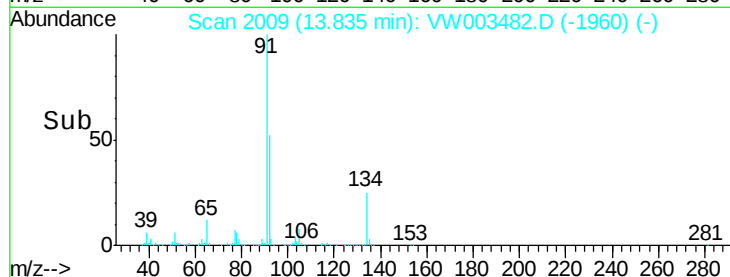
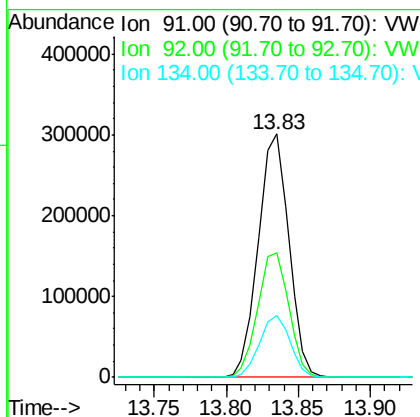
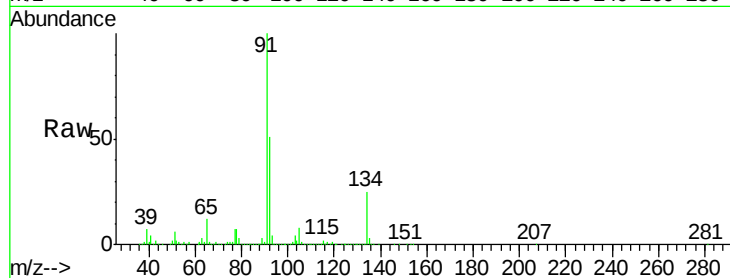
#89
n-Butylbenzene
Concen: 47.29 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.0	78.0
134	25.6	12.7	38.0

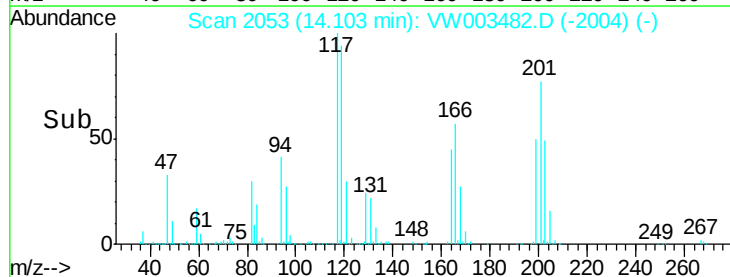
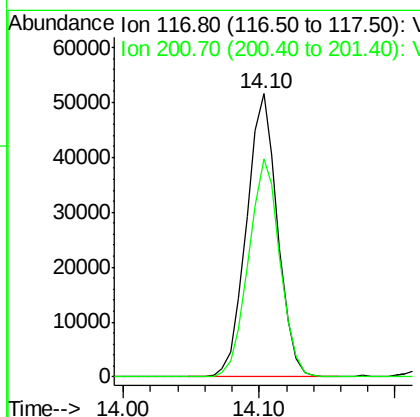
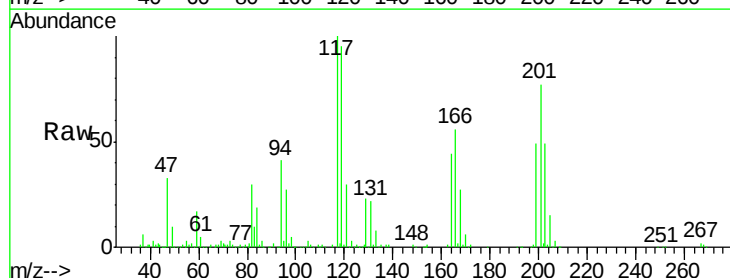
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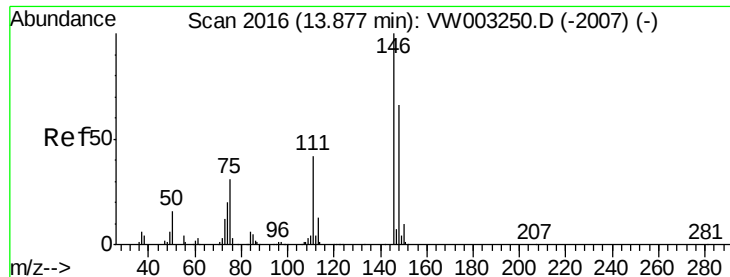
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#90
Hexachloroethane
Concen: 47.57 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.0	39.5	118.5





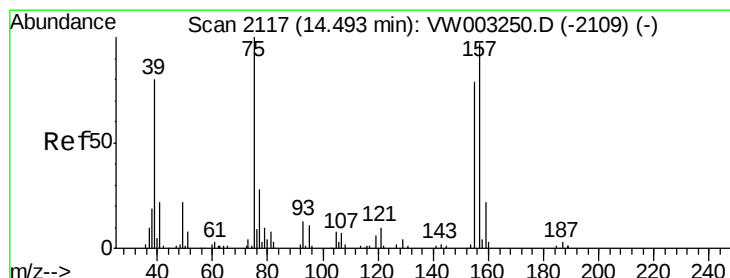
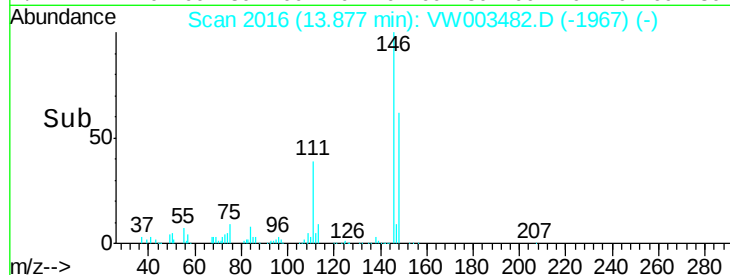
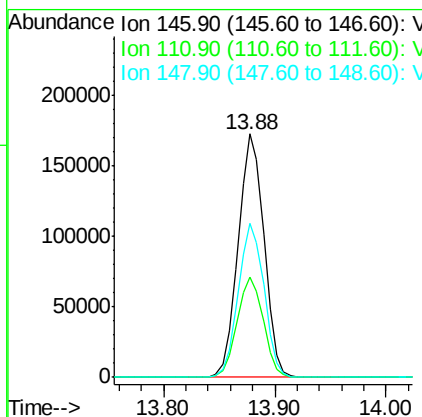
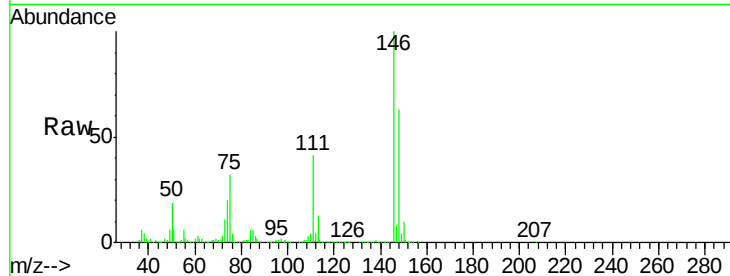
#91
 1,2-Dichlorobenzene
 Concen: 64.70 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003482.D
 Acq: 24 Jun 2018 02:21

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-13-15-180621MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	61.0
148	63.0	32.3	96.9

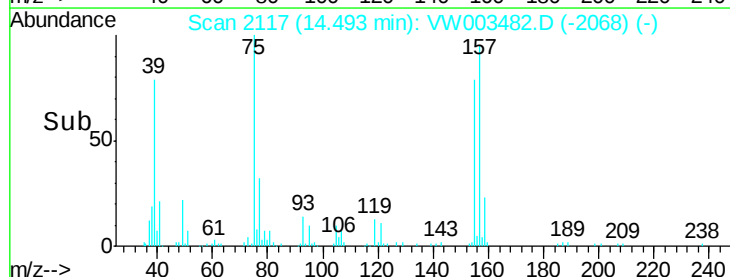
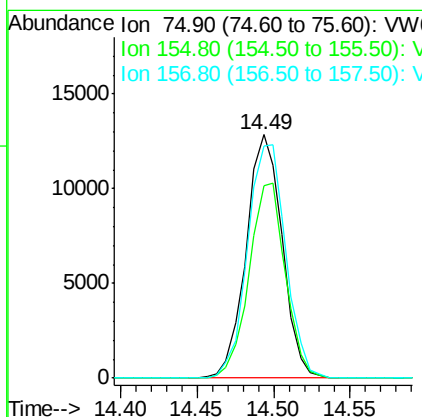
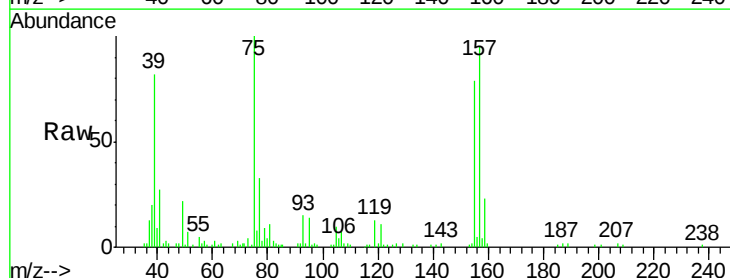
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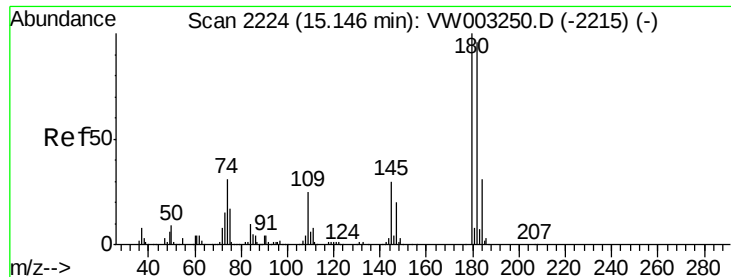
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 72.43 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003482.D
 Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	39.4	118.2
157	101.6	51.5	154.5





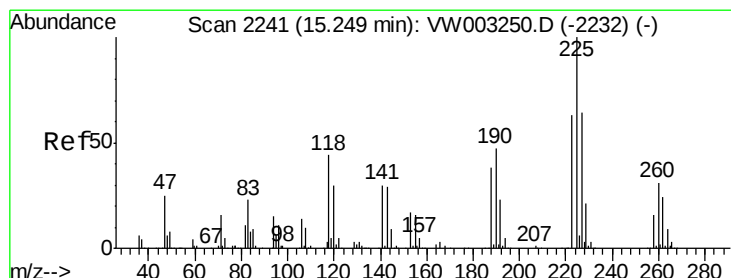
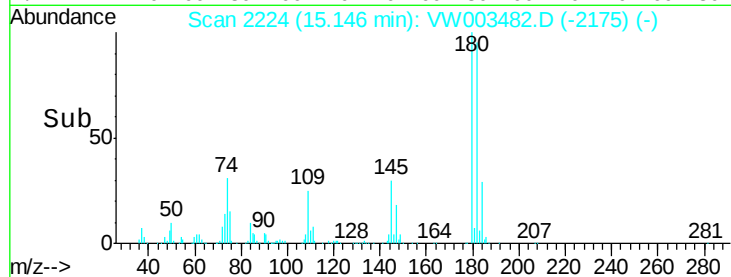
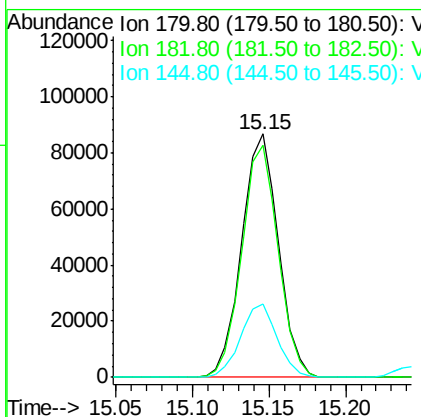
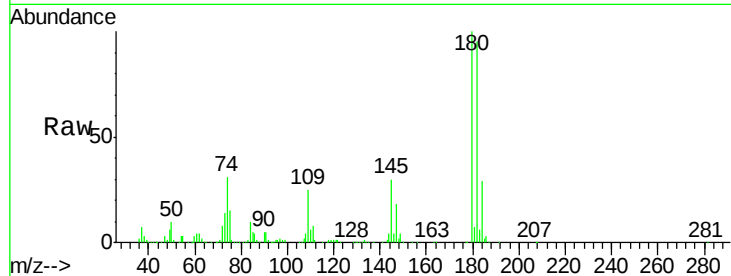
#93
 1,2,4-Trichlorobenzene
 Concen: 48.08 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003482.D
 Acq: 24 Jun 2018 02:21

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB487-13-15-180621MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	144495		
182	94.4	47.9	143.6	
145	30.3	15.2	45.5	

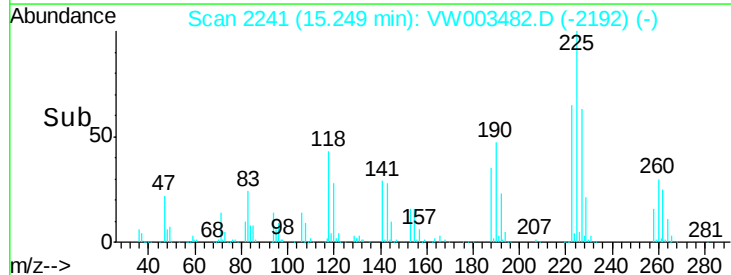
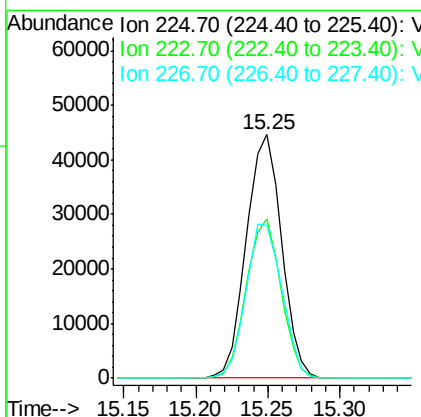
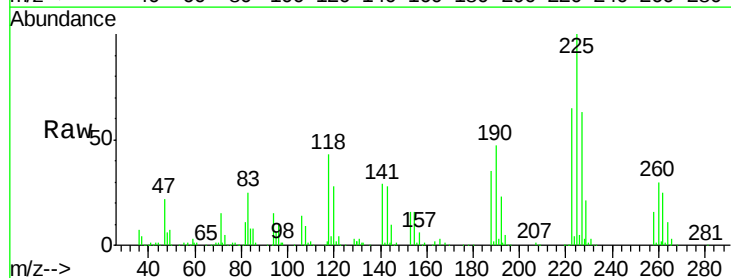
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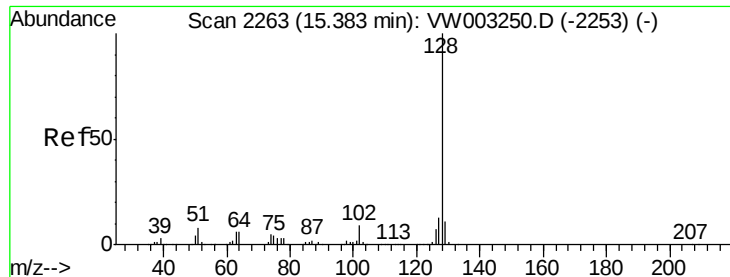
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#94
 Hexachlorobutadiene
 Concen: 41.81 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003482.D
 Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	75585		
223	64.3	30.6	92.0	
227	64.7	31.7	95.1	





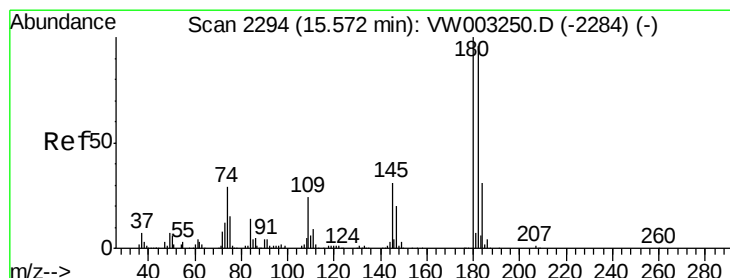
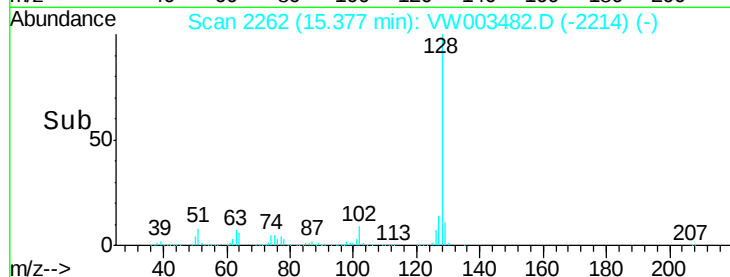
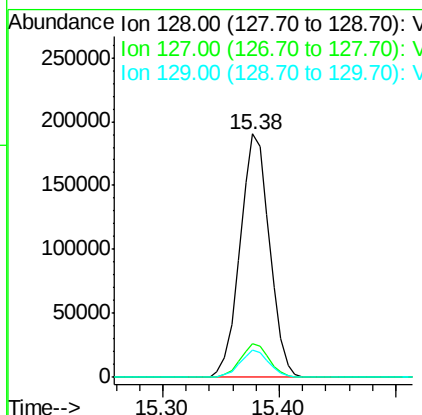
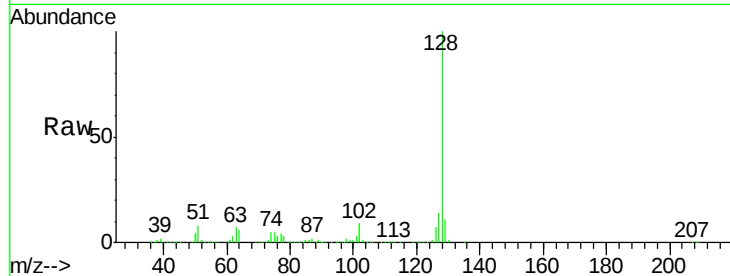
#95
Naphthalene
Concen: 65.80 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Instrument :
MSVOA_W
ClientSampleId :
WP021SB487-13-15-180621MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	335450		
127	13.5	10.5	15.7	
129	10.9	8.9	13.3	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.22 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003482.D
Acq: 24 Jun 2018 02:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	132841		
182	95.7	47.9	143.6	
145	32.0	15.8	47.4	

