

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090118\
 Data File : VW005063.D
 Acq On : 01 Sep 2018 04:27
 Operator : SY/AP
 Sample : VW0901SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

Manual Integrations
 APPROVED

apatel
 9/4/2018 9:37:24 AM

Quant Time: Sep 01 05:44:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	531235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	792797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	773346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	417149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	233338	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
35) Dibromofluoromethane	7.89	113	240482	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	10.33	98	1100592	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.62	95	393077	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	88241	20.61	ug/l	97
3) Chloromethane	2.21	50	122192	19.67	ug/l	100
4) Vinyl Chloride	2.36	62	120889	20.01	ug/l	100
5) Bromomethane	2.76	94	87568	20.96	ug/l	99
6) Chloroethane	2.92	64	74373	19.78	ug/l	99
7) Trichlorofluoromethane	3.26	101	136087	20.03	ug/l	98
8) Diethyl Ether	3.68	74	49768	20.24	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	95601	20.48	ug/l	99
10) Methyl Iodide	4.28	142	122108	19.99	ug/l	99
11) Tert butyl alcohol	5.18	59	34027	132.21	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	88202	20.53	ug/l	95
13) Acrolein	3.90	56	28822	100.84	ug/l	97
14) Allyl chloride	4.67	41	134468	20.03	ug/l	100
15) Acrylonitrile	5.37	53	100611	97.01	ug/l	99
16) Acetone	4.14	43	84599	95.79	ug/l	97
17) Carbon Disulfide	4.38	76	292317	19.53	ug/l	99
18) Methyl Acetate	4.68	43	55222	21.26	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	219665	21.06	ug/l	100
20) Methylene Chloride	4.92	84	138654	20.98	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	107723	20.58	ug/l	99
22) Diisopropyl ether	6.32	45	298899	21.15	ug/l	98
23) Vinyl Acetate	6.26	43	760875	102.52	ug/l	99
24) 1,1-Dichloroethane	6.23	63	180283	20.41	ug/l	99
25) 2-Butanone	7.18	43	147089	96.02	ug/l	96
26) 2,2-Dichloropropane	7.18	77	140550	19.37	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	117540	20.53	ug/l	99
28) Bromochloromethane	7.52	49	71510	20.12	ug/l	99
29) Tetrahydrofuran	7.54	42	75812	96.86	ug/l	99
30) Chloroform	7.68	83	183809	20.39	ug/l	99
31) Cyclohexane	7.96	56	176554	20.41	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	163653	20.85	ug/l	98
36) 1,1-Dichloropropene	8.09	75	156385	20.71	ug/l	98
37) Ethyl Acetate	7.26	43	54655	19.36	ug/l	99
38) Carbon Tetrachloride	8.07	117	146013	20.34	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	177838	19.48	ug/l	98
40) Benzene	8.33	78	459299	19.87	ug/l	99
41) Methacrylonitrile	7.49	41	35322	21.59	ug/l	96
42) 1,2-Dichloroethane	8.41	62	110950	19.61	ug/l	100
43) Isopropyl Acetate	8.43	43	96854	18.85	ug/l	99
44) Trichloroethene	9.10	130	126062	20.21	ug/l	98
45) 1,2-Dichloropropane	9.37	63	113240	20.05	ug/l	99
46) Dibromomethane	9.46	93	53090	19.66	ug/l	99
47) Bromodichloromethane	9.65	83	139349	20.50	ug/l	98
48) Methyl methacrylate	9.44	41	45839	18.53	ug/l	99
49) 1,4-Dioxane	9.46	88	16003	366.49	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	318214	92.40	ug/l	100
52) Toluene	10.40	92	312741	19.97	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	130668	19.56	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	164705	20.27	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	82827	19.81	ug/l	98
56) Ethyl methacrylate	10.65	69	89500	18.76	ug/l	100
57) 1,3-Dichloropropane	10.94	76	137613	19.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	223989	99.11	ug/l	99
59) 2-Hexanone	10.98	43	209638	90.01	ug/l	99
60) Dibromochloromethane	11.13	129	92545	19.58	ug/l	99
61) 1,2-Dibromoethane	11.24	107	73441	19.46	ug/l	99
64) Tetrachloroethene	10.87	164	117846	19.42	ug/l	98
65) Chlorobenzene	11.66	112	342673	19.68	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	105498	19.83	ug/l	99
67) Ethyl Benzene	11.74	91	582431	19.79	ug/l	100
68) m/p-Xylenes	11.85	106	475661	40.36	ug/l	100
69) o-Xylene	12.17	106	218218	20.03	ug/l	100
70) Styrene	12.19	104	362498	20.14	ug/l	100
71) Bromoform	12.35	173	53654	19.03	ug/l #	97
73) Isopropylbenzene	12.47	105	587529	19.97	ug/l	100
74) N-amyl acetate	12.28	43	88703	17.51	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	84930	18.97	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	56519m	18.05	ug/l	
77) Bromobenzene	12.76	156	142862	19.71	ug/l	100
78) n-propylbenzene	12.81	91	710643	20.01	ug/l	100
79) 2-Chlorotoluene	12.90	91	409050	19.75	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	510869	20.08	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	23208	17.84	ug/l	99
82) 4-Chlorotoluene	12.99	91	440438	20.13	ug/l	100
83) tert-Butylbenzene	13.21	119	423209	19.92	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	518206	20.00	ug/l	99
85) sec-Butylbenzene	13.39	105	619150	19.83	ug/l	100
86) p-Isopropyltoluene	13.51	119	553104	20.02	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	292713	19.66	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	287842	19.49	ug/l	99
89) n-Butylbenzene	13.83	91	499115	19.49	ug/l	100
90) Hexachloroethane	14.10	117	89026	19.40	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	256990	19.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12345	17.64	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	165280	19.00	ug/l	99
94) Hexachlorobutadiene	15.24	225	105563	19.51	ug/l	100
95) Naphthalene	15.38	128	244768	18.96	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	138652	18.62	ug/l	100

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

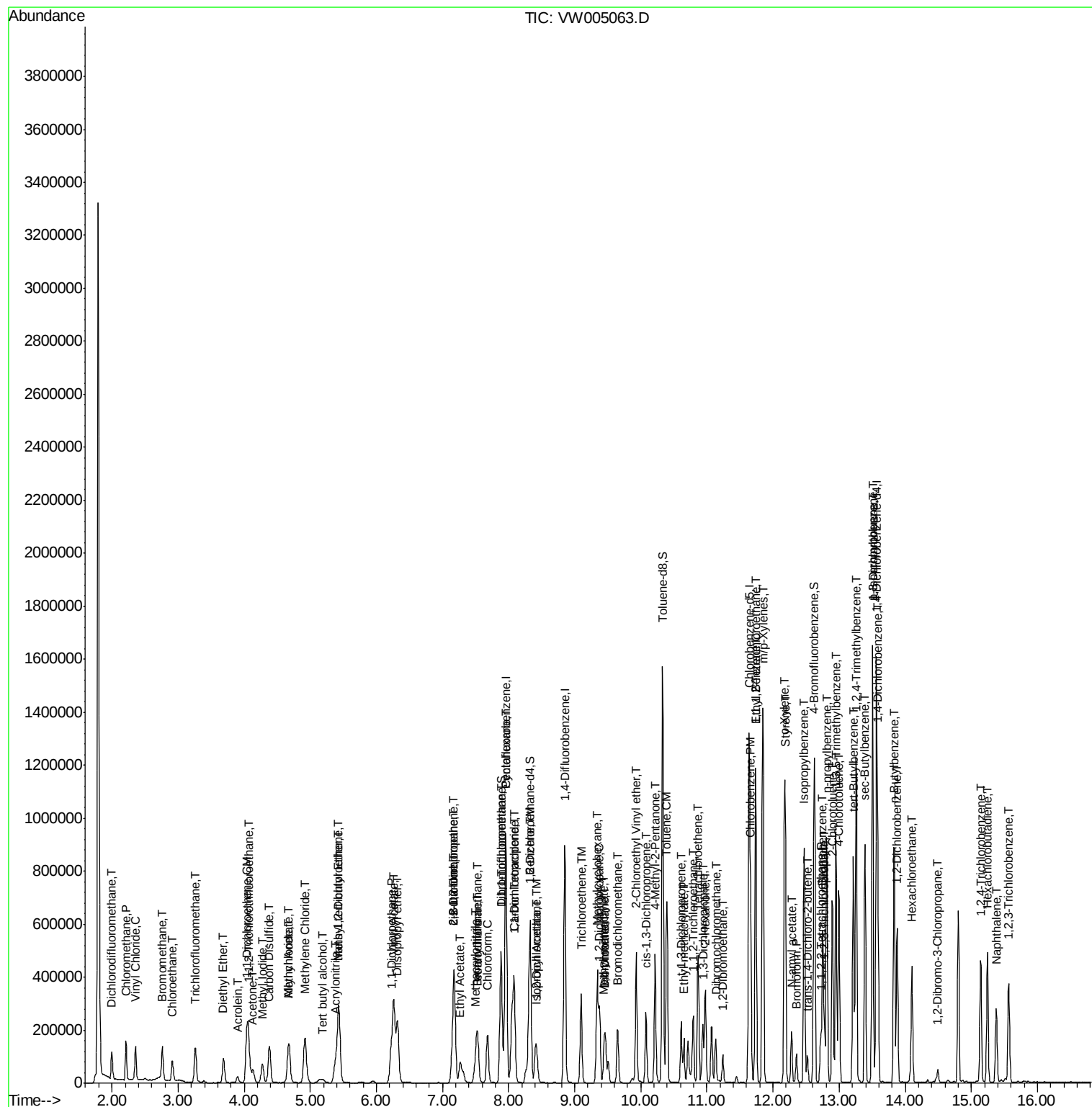
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090118\
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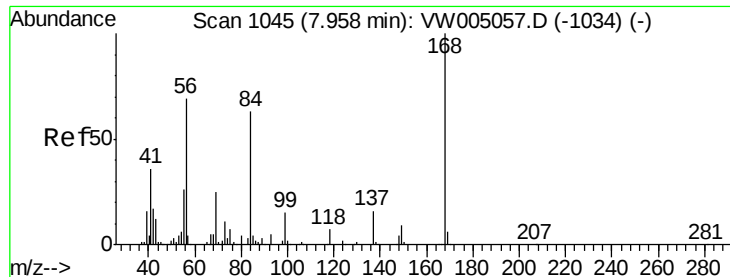
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampled :

VW0901SBS01

Tot Ion:168 Resp: 531235

Ion Ratio Lower Upper

168 100

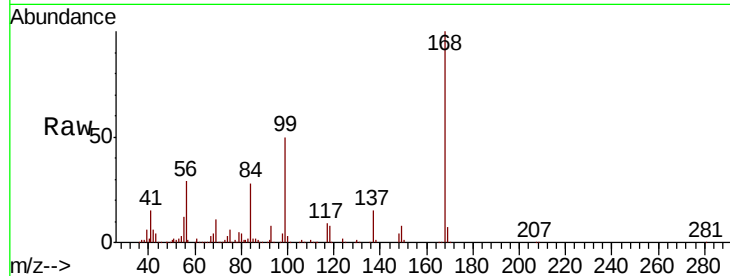
99 50.0 39.4 59.0

Manual Integrations

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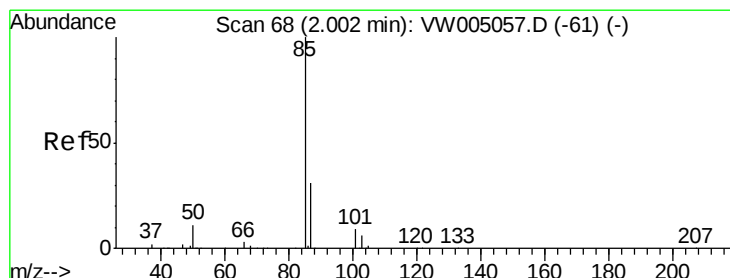
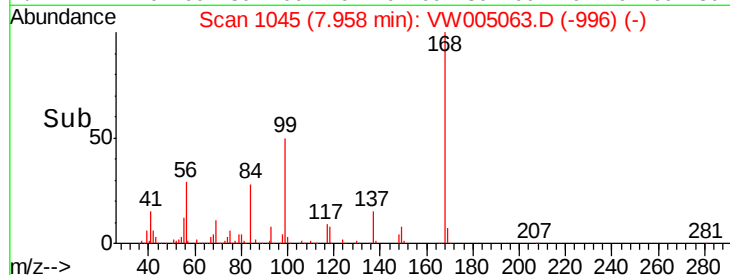
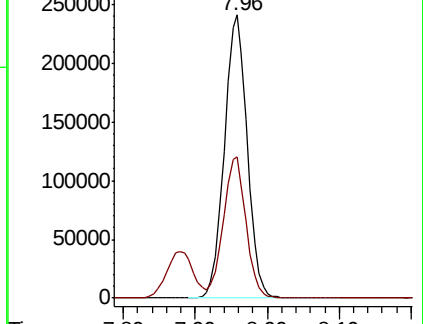
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.61 ug/l

RT: 2.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VW005063.D

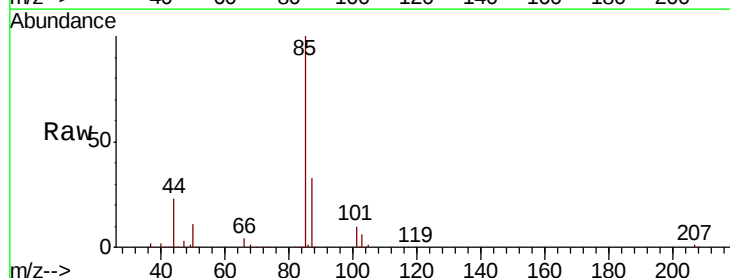
Acq: 01 Sep 2018 04:27

Tgt Ion: 85 Resp: 88241

Ion Ratio Lower Upper

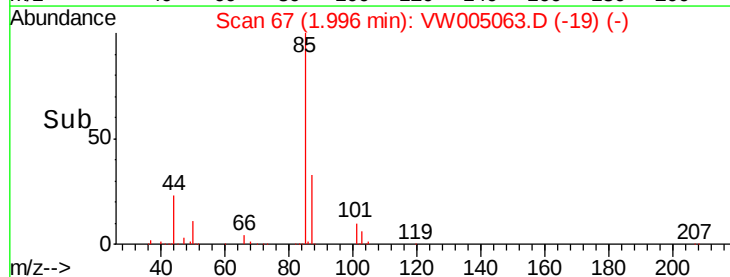
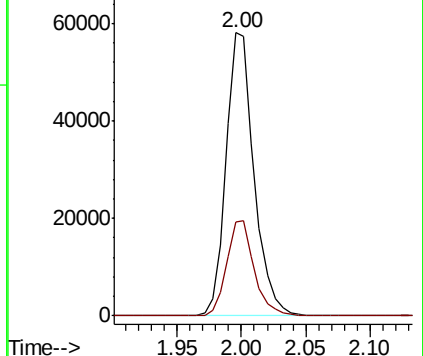
85 100

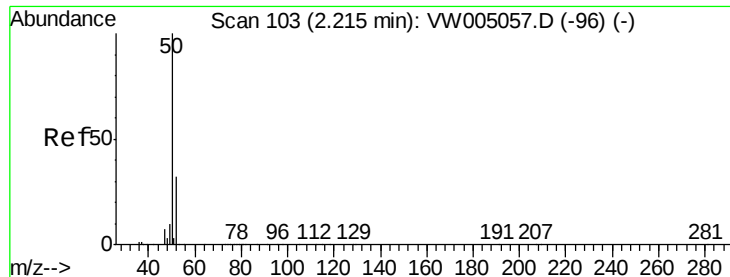
87 33.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.67 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tot Ion: 50 Resp: 122192

Ion Ratio Lower Upper

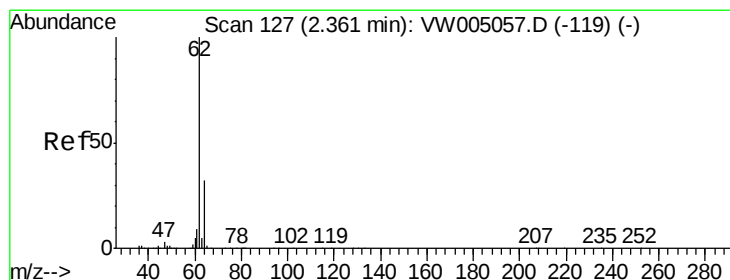
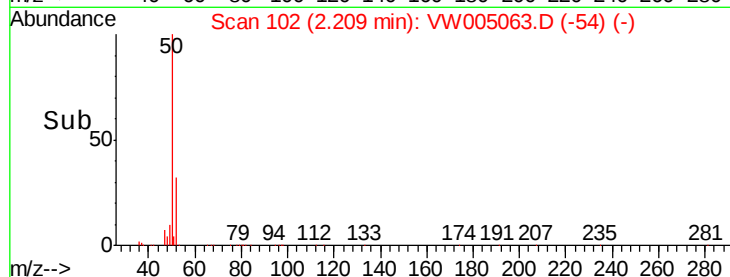
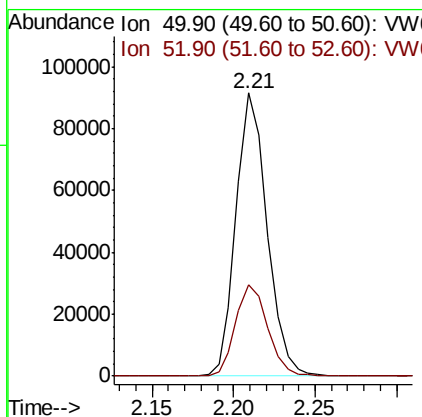
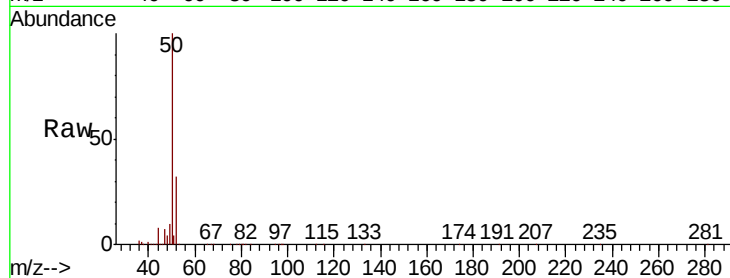
50 100

52 32.5 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.01 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005063.D

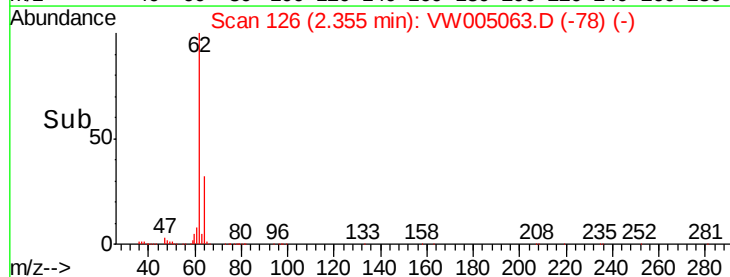
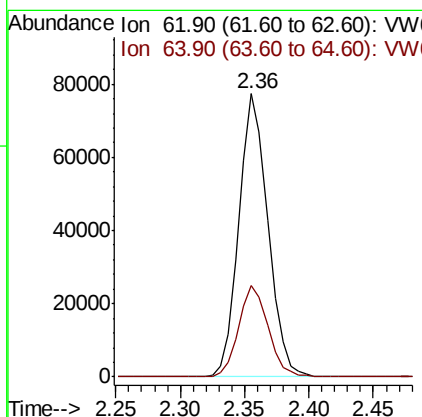
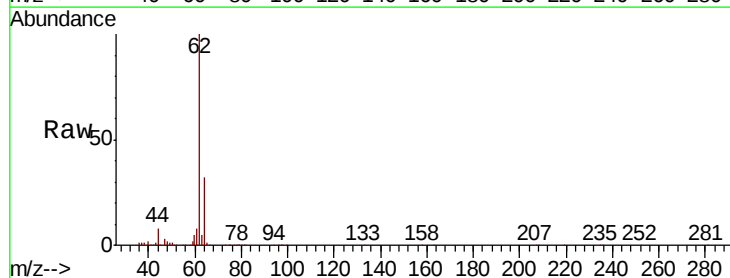
Acq: 01 Sep 2018 04:27

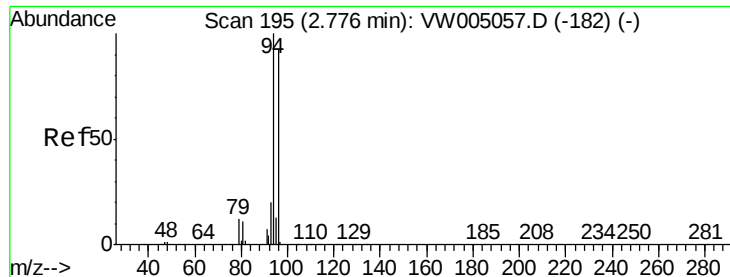
Tgt Ion: 62 Resp: 120889

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 20.96 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tot Ion: 94 Resp: 87568

Ion Ratio Lower Upper

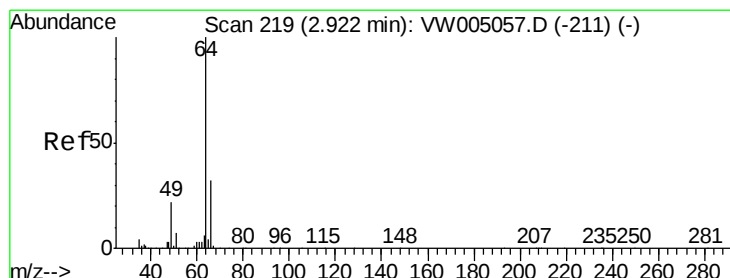
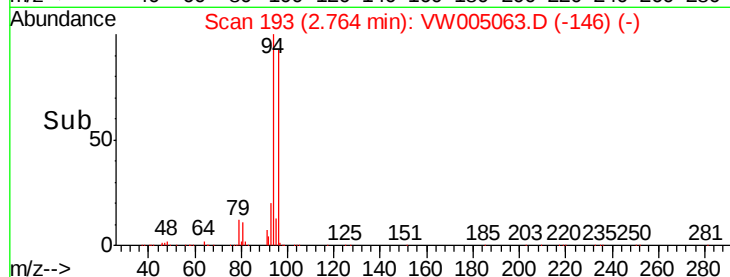
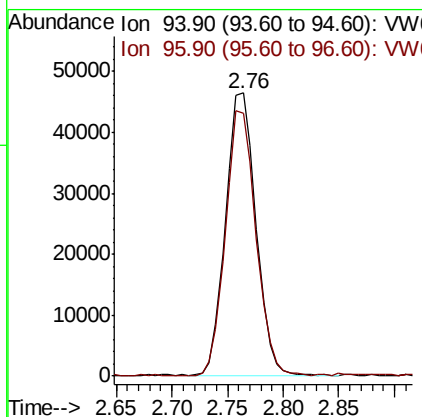
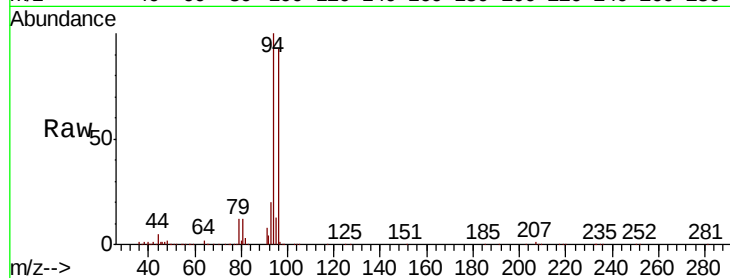
94 100

96 92.7 73.2 109.8

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#6

Chloroethane

Concen: 19.78 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005063.D

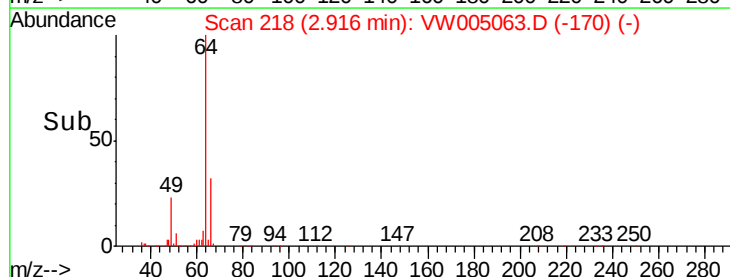
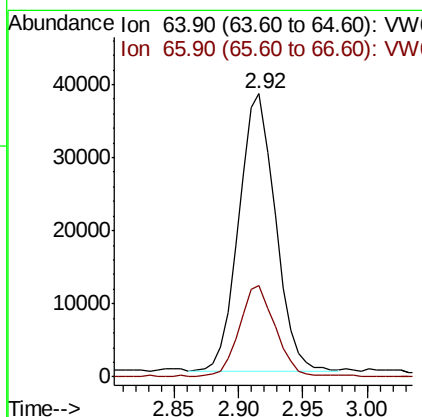
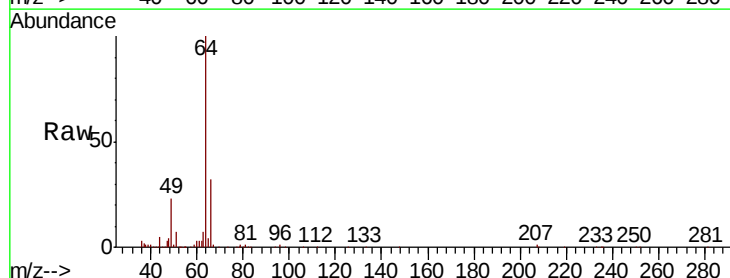
Acq: 01 Sep 2018 04:27

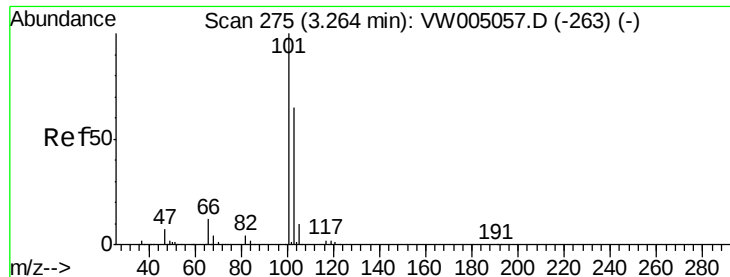
Tgt Ion: 64 Resp: 74373

Ion Ratio Lower Upper

64 100

66 32.6 25.7 38.5





#7

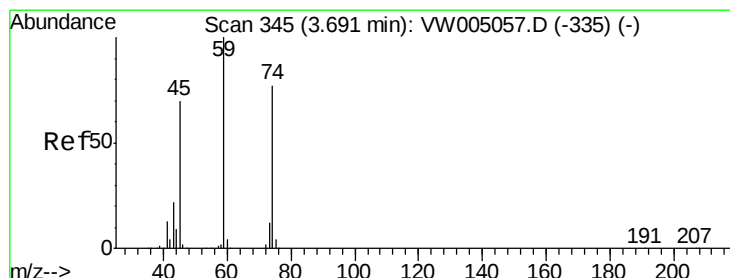
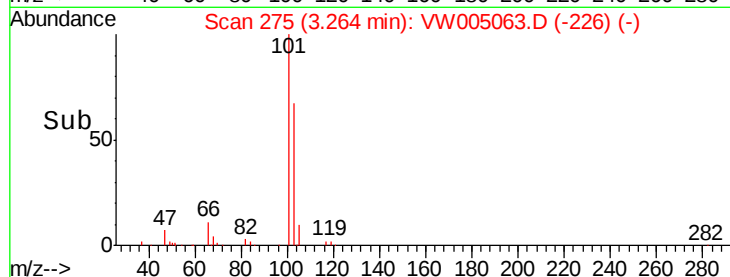
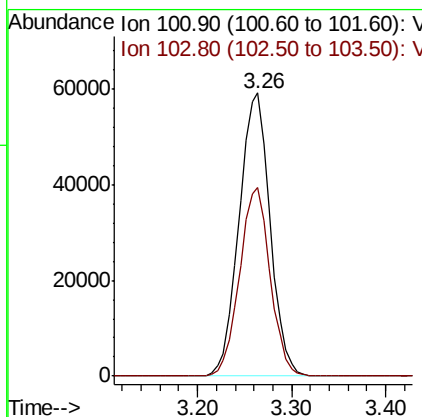
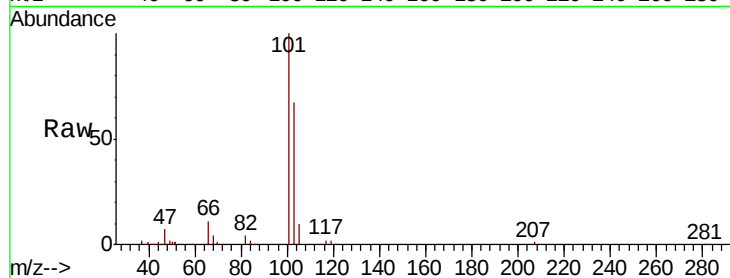
Trichlorofluoromethane
Concen: 20.03 ug/l
RT: 3.26 min Scan# 275
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	51.9	77.9

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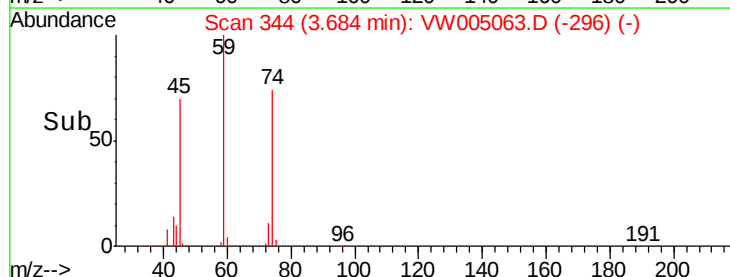
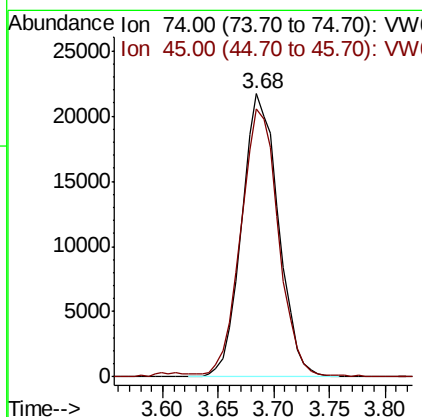
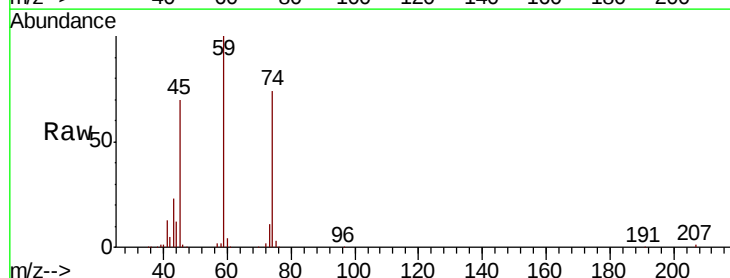
apatel
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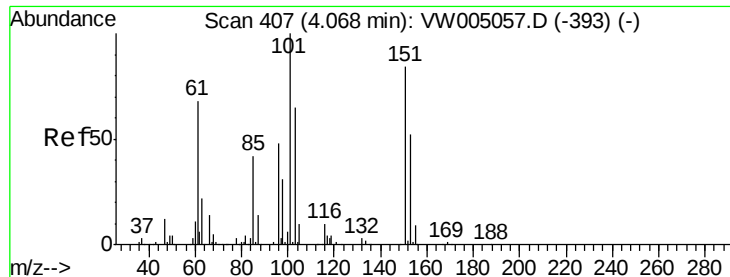


#8

Diethyl Ether
Concen: 20.24 ug/l
RT: 3.68 min Scan# 344
Delta R.T. -0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.48 ug/l

RT: 4.07 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

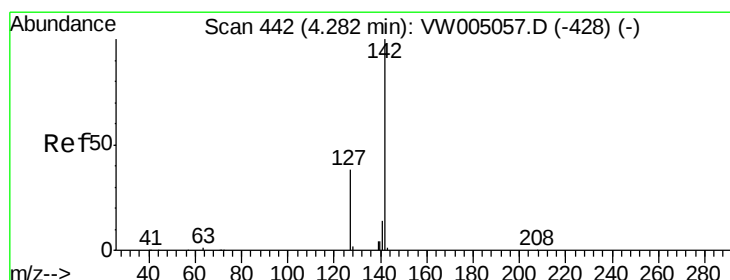
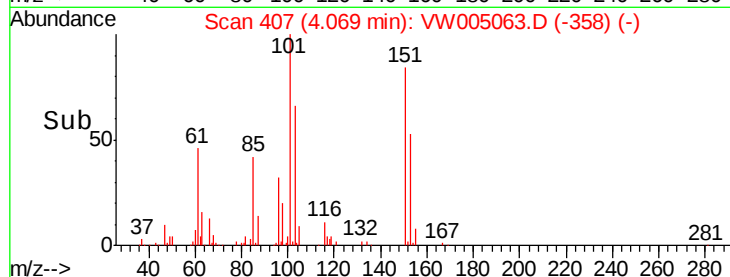
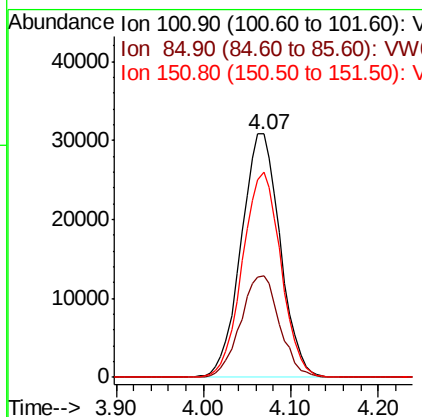
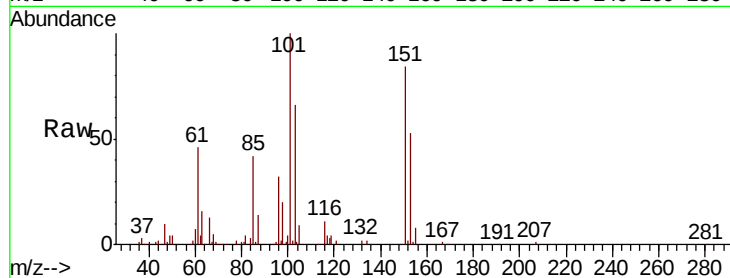
ClientSampleId :

VW0901SBS01

Tot Ion:	101	Resp:	95601
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.0	49.6
151	83.3	67.0	100.6

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#10

Methyl Iodide

Concen: 19.99 ug/l

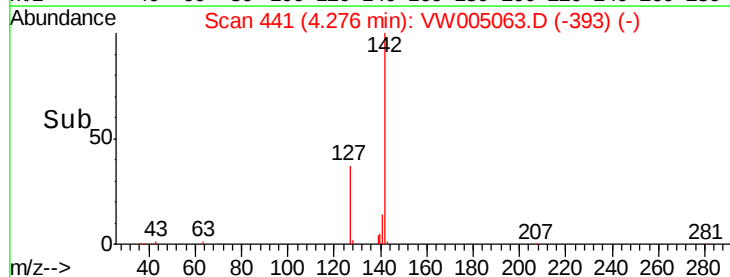
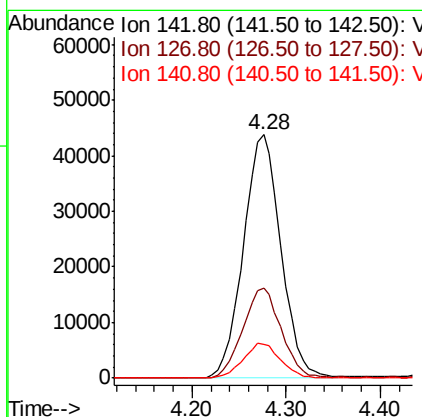
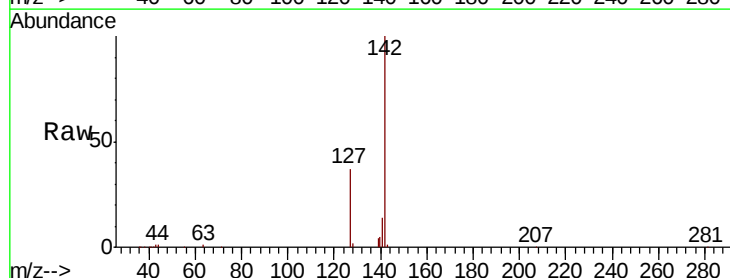
RT: 4.28 min Scan# 441

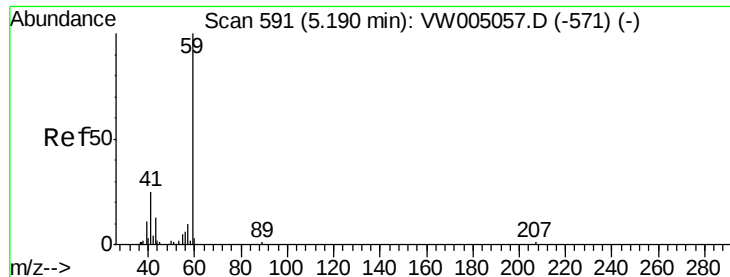
Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Tgt Ion:	142	Resp:	122108
Ion Ratio	Lower	Upper	
142	100		
127	38.1	30.8	46.2
141	14.2	11.6	17.4





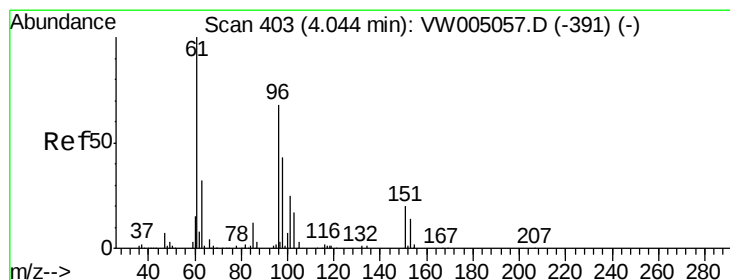
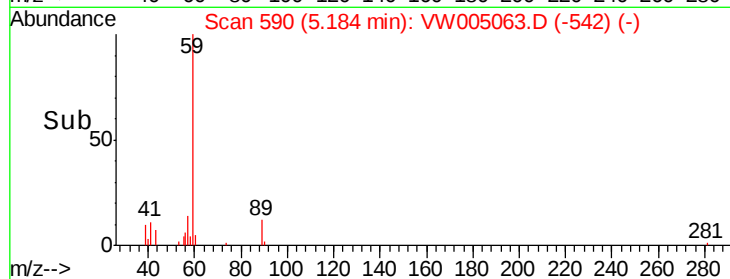
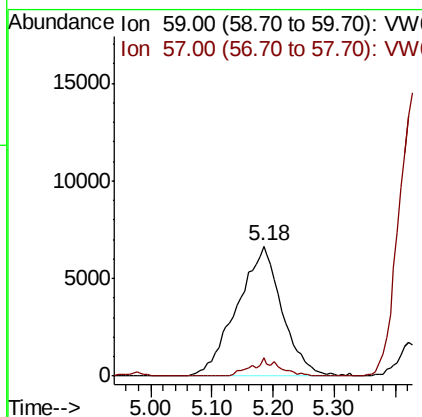
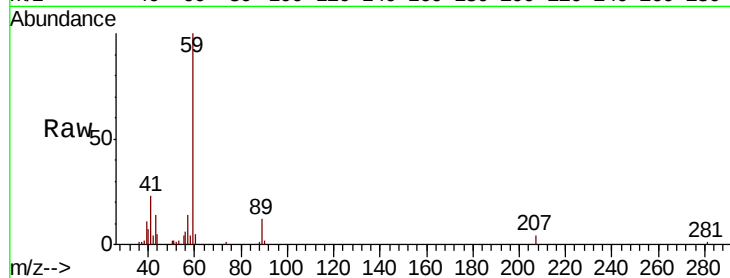
#11
Tert butyl alcohol
Concen: 132.21 ug/l
RT: 5.18 min Scan# 590
Delta R.T. -0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tot Ion: 59 Resp: 34027
Ion Ratio Lower Upper
59 100
57 8.4 8.6 12.8#

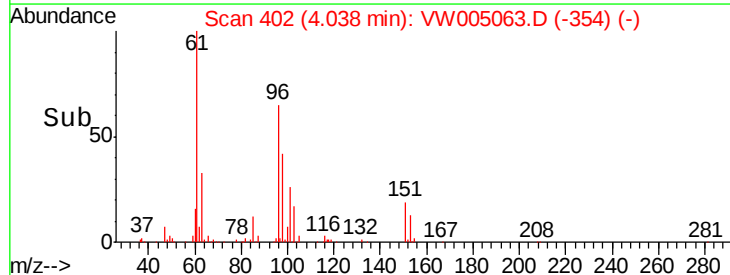
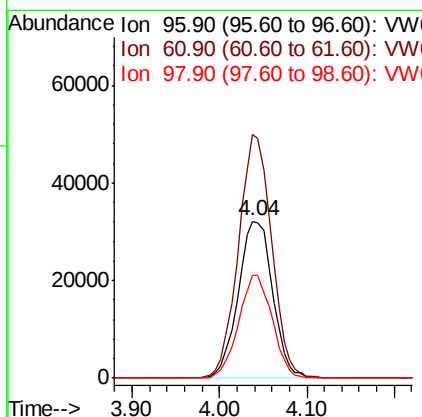
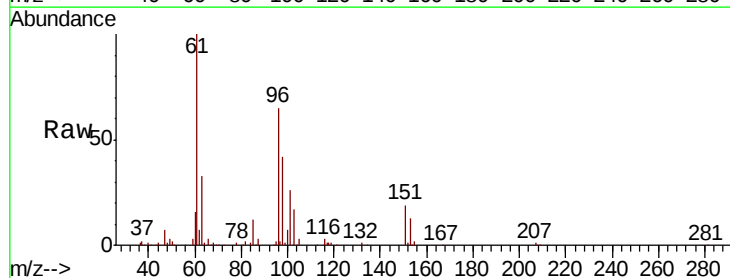
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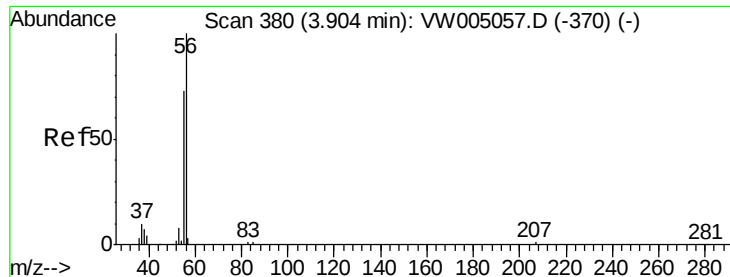
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#12
1,1-Dichloroethene
Concen: 20.53 ug/l
RT: 4.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion: 96 Resp: 88202
Ion Ratio Lower Upper
96 100
61 154.9 117.4 176.0
98 65.7 51.0 76.4





#13

Acrolein

Concen: 100.84 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tot Ion: 56 Resp: 28822

Ion Ratio Lower Upper

56 100

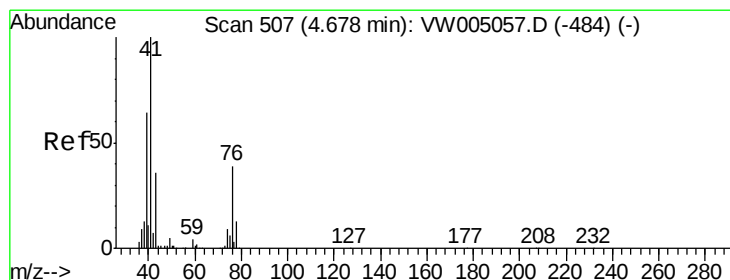
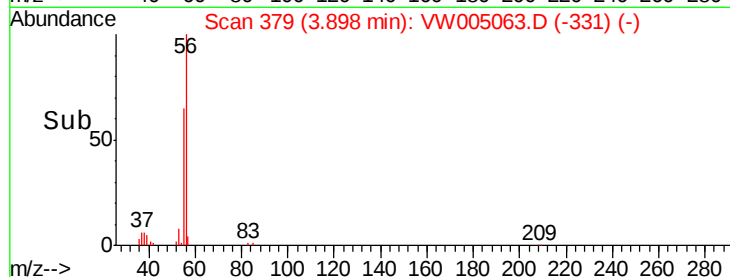
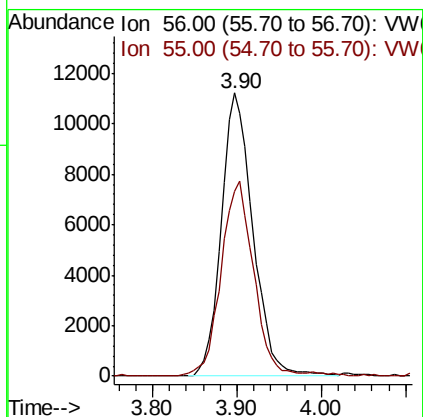
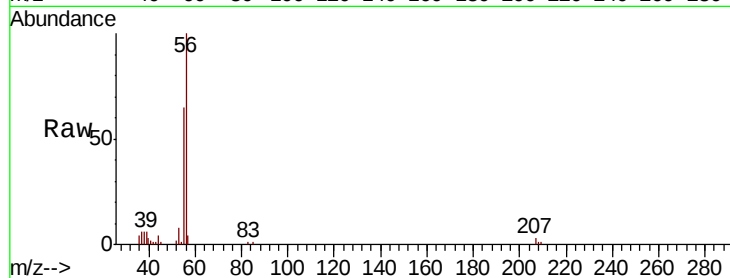
55 70.4 58.1 87.1

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#14

Allyl chloride

Concen: 20.03 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

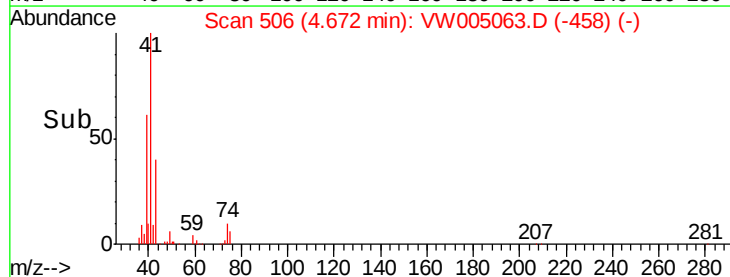
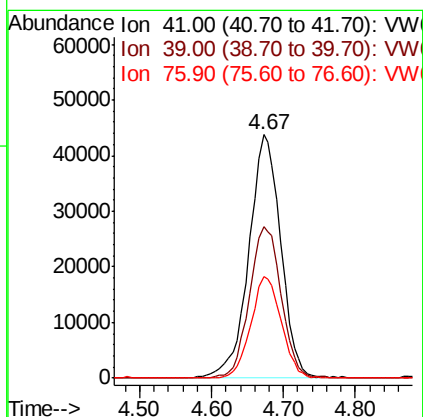
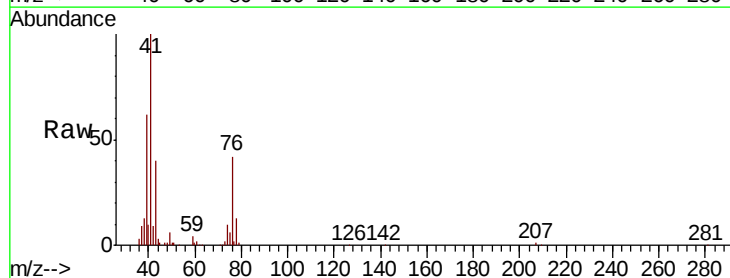
Tgt Ion: 41 Resp: 134468

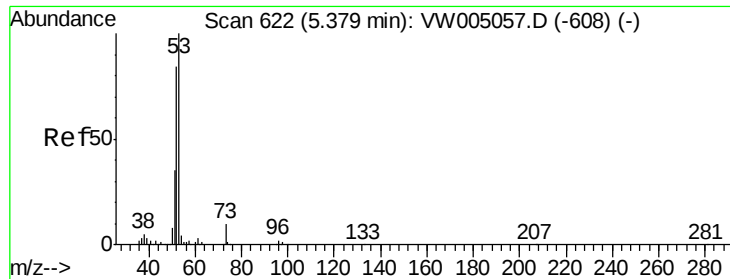
Ion Ratio Lower Upper

41 100

39 62.3 49.4 74.2

76 39.9 31.8 47.6





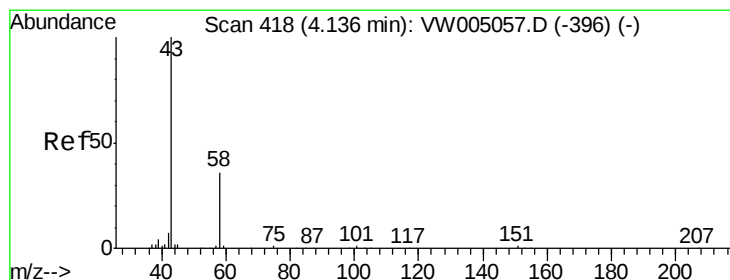
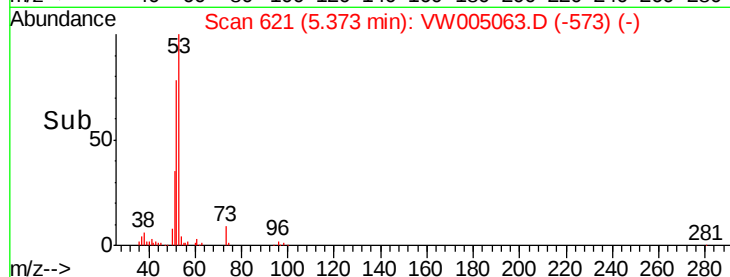
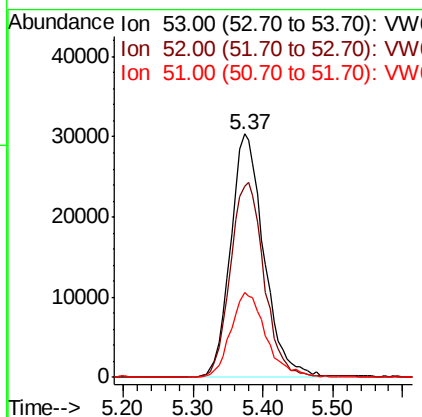
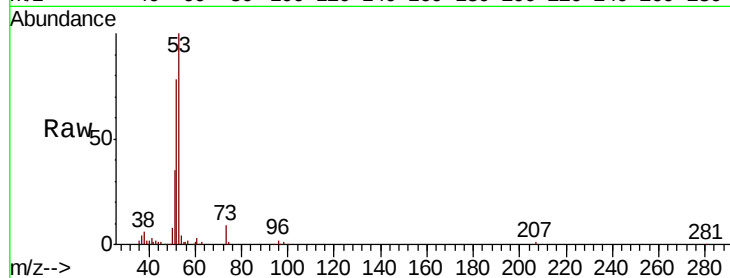
#15
 Acrylonitrile
 Concen: 97.01 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

Tot Ion:	53	Resp:	100611
Ion Ratio	Lower	Upper	
53	100		
52	81.2	65.7	98.5
51	36.6	28.8	43.2

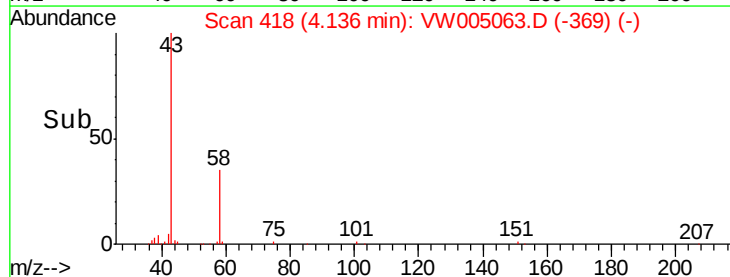
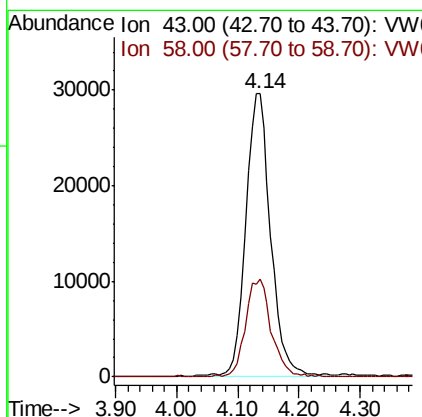
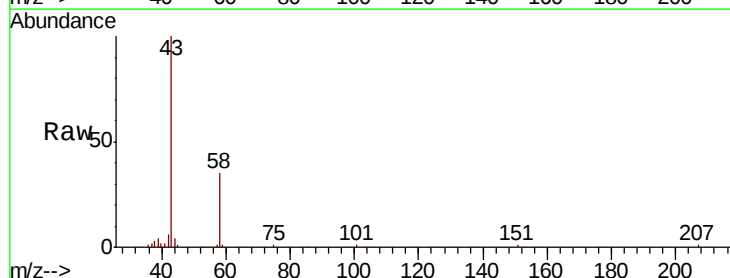
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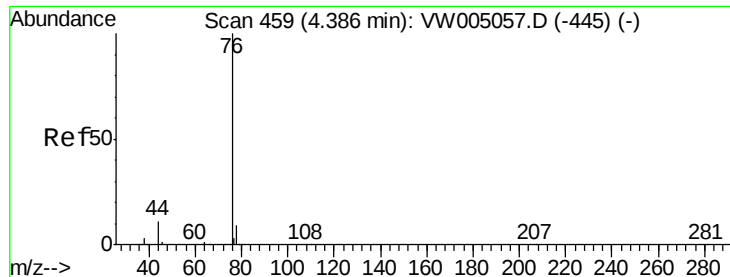
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#16
 Acetone
 Concen: 95.79 ug/l
 RT: 4.14 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion:	43	Resp:	84599
Ion Ratio	Lower	Upper	
43	100		
58	34.6	29.0	43.6





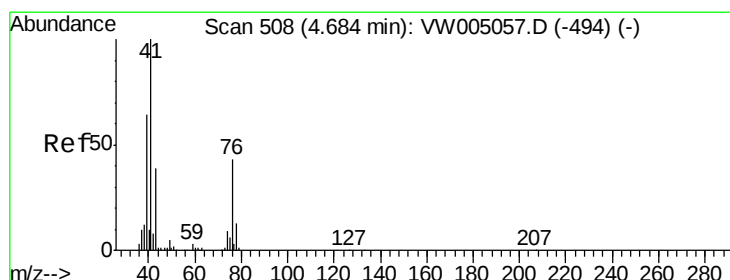
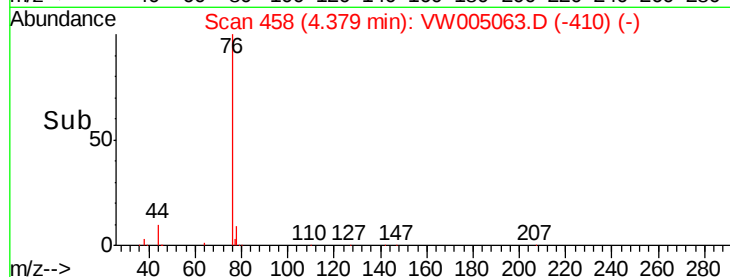
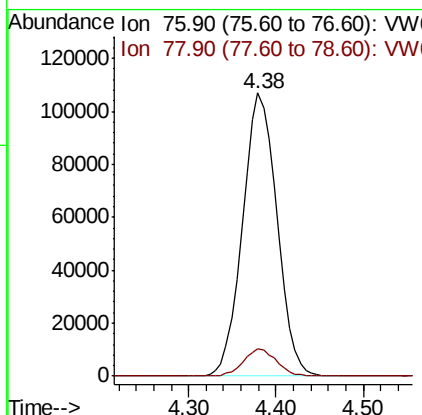
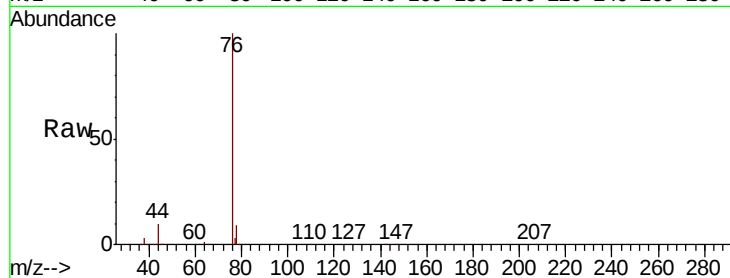
#17
Carbon Disulfide
Concen: 19.53 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

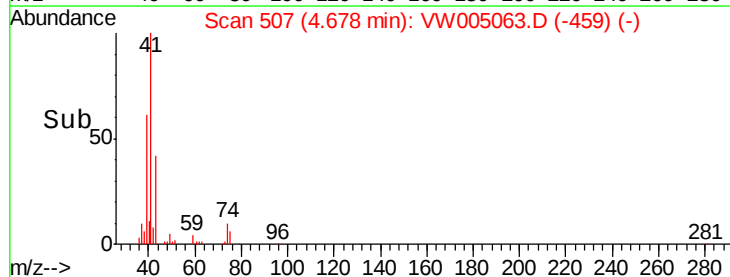
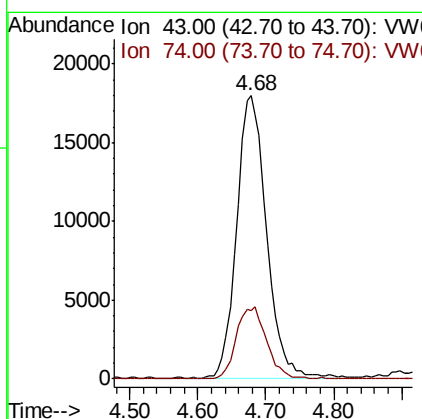
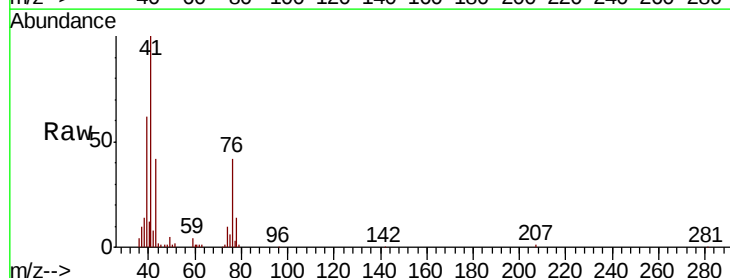
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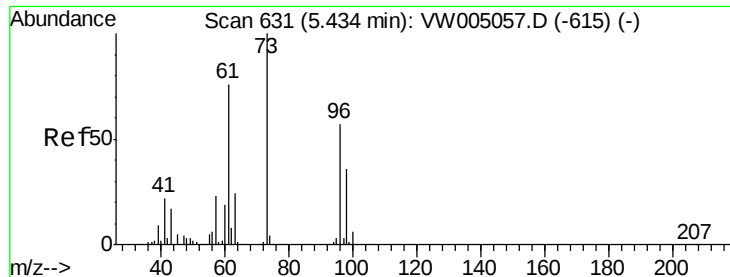
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#18
Methyl Acetate
Concen: 21.26 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	20.7	31.1





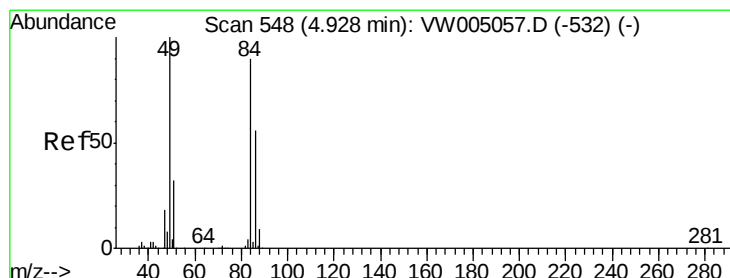
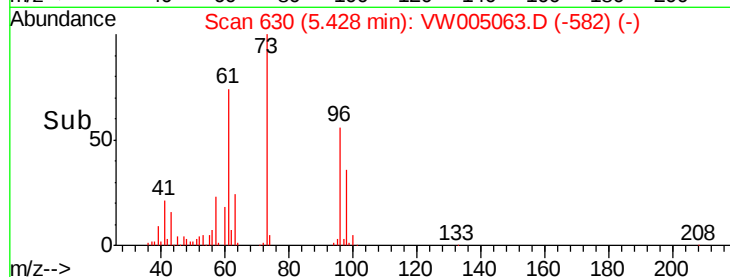
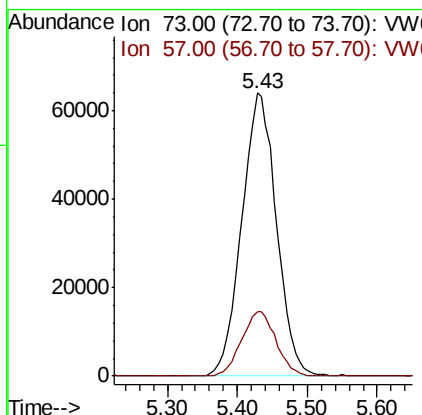
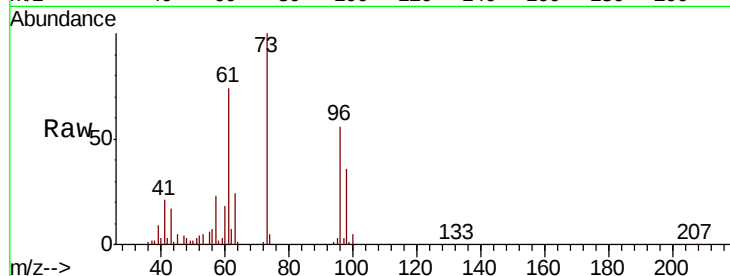
#19
Methvl tert-butvl Ether
Concen: 21.06 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tot Ion: 73 Resp: 219665
Ion Ratio Lower Upper
73 100
57 22.7 18.1 27.1

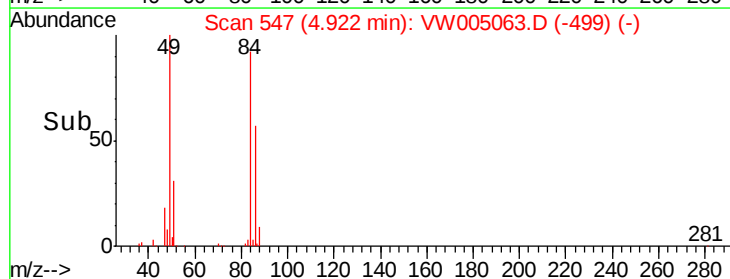
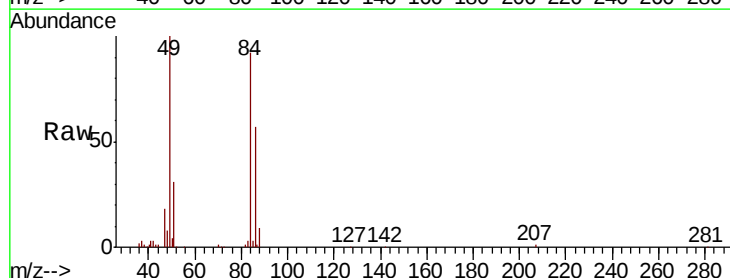
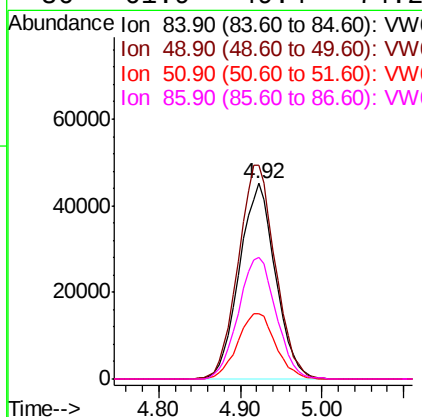
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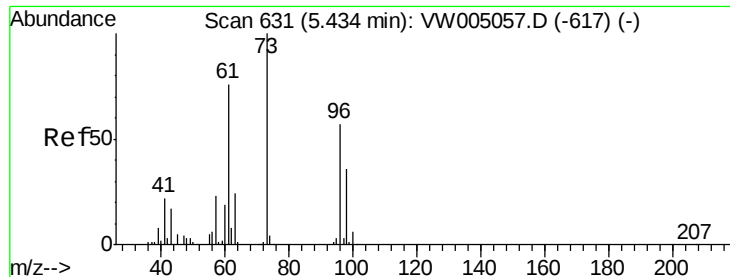
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#20
Methylene Chloride
Concen: 20.98 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion: 84 Resp: 138654
Ion Ratio Lower Upper
84 100
49 109.2 88.7 133.1
51 33.5 28.6 42.8
86 61.9 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 20.58 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tot Ion: 96 Resp: 107723

Ion Ratio Lower Upper

96 100

61 131.3 106.3 159.5

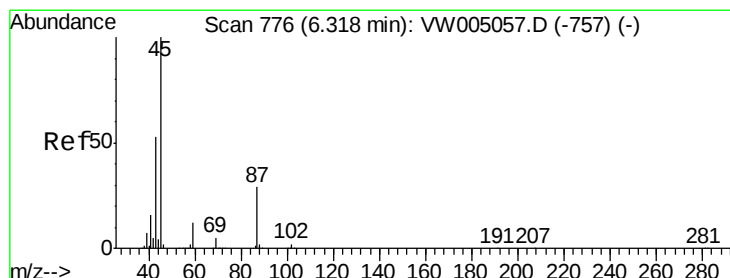
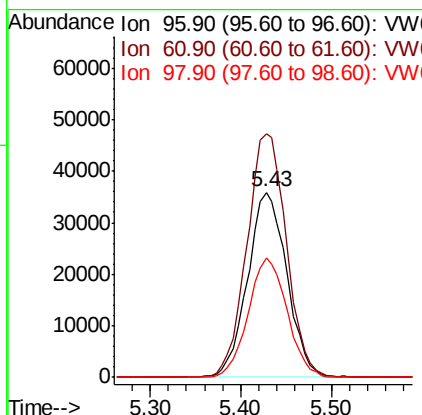
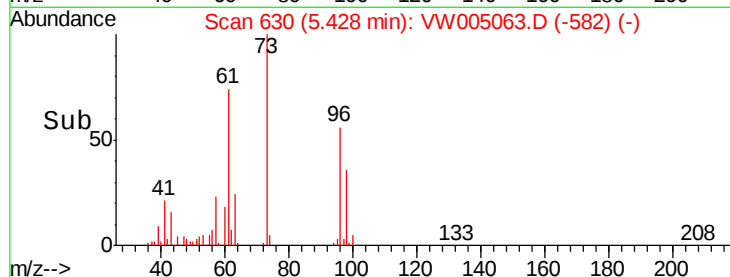
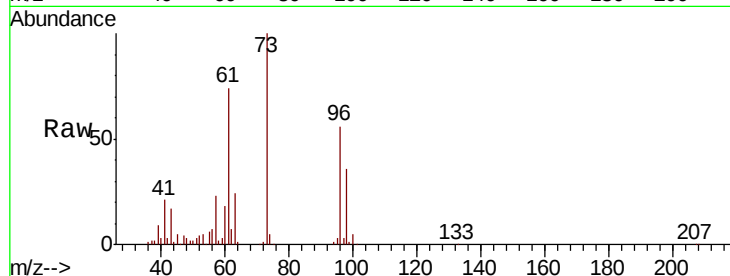
98 64.2 50.9 76.3

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#22

Diisopropyl ether

Concen: 21.15 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Tgt Ion: 45 Resp: 298899

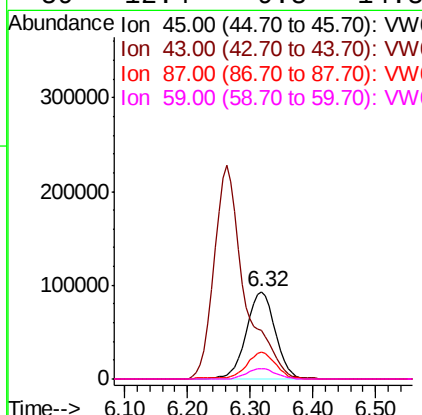
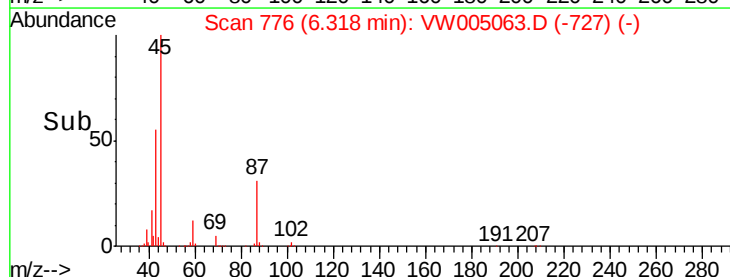
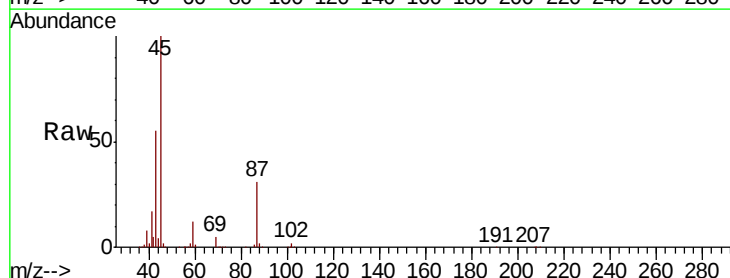
Ion Ratio Lower Upper

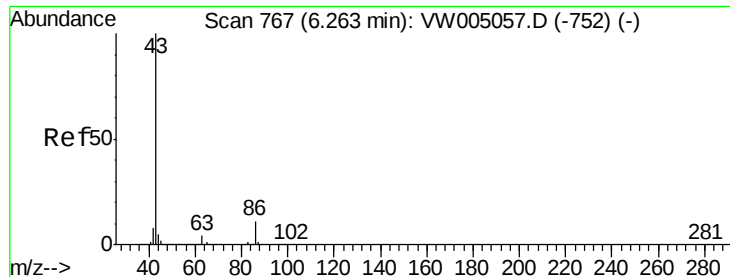
45 100

43 54.8 42.6 63.8

87 30.6 23.6 35.4

59 12.4 9.8 14.8





#23

Vinyl Acetate

Concen: 102.52 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tot Ion: 43 Resp: 760875

Ion Ratio Lower Upper

43 100

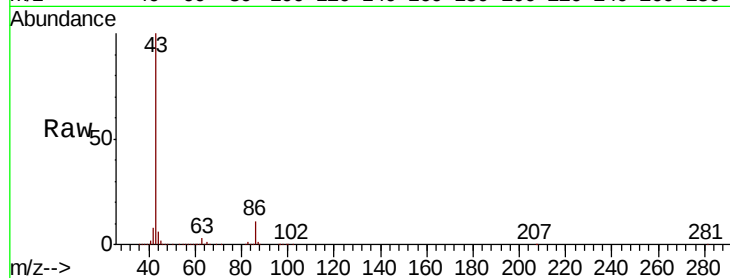
86 10.9 9.0 13.4

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

250000

200000

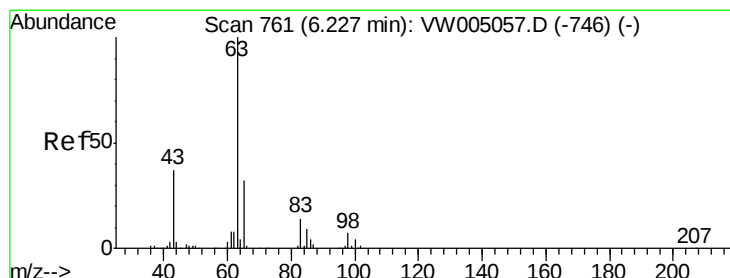
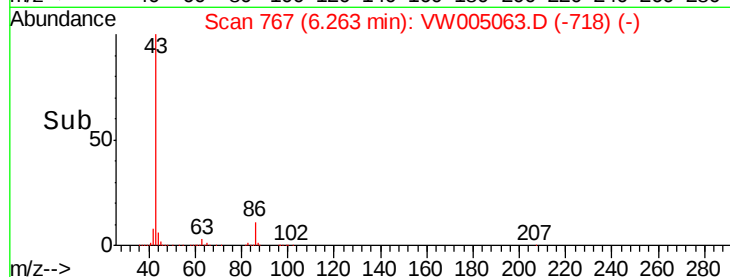
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.41 ug/l

RT: 6.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

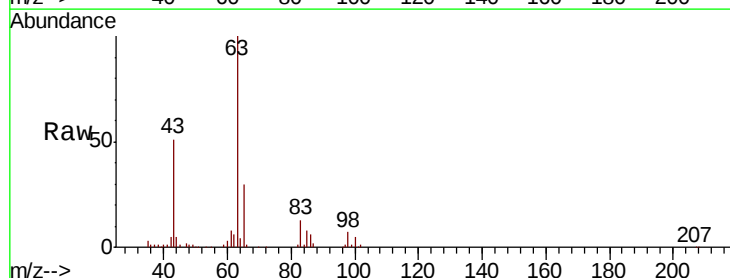
Tgt Ion: 63 Resp: 180283

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.9 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.23

80000

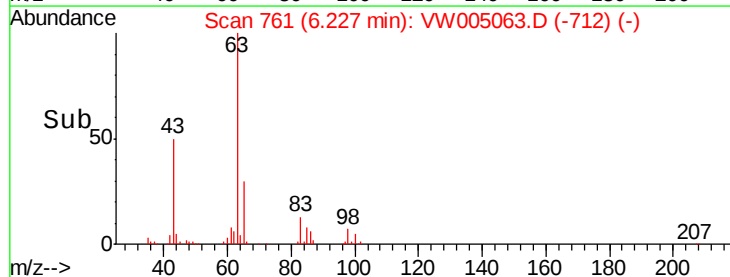
60000

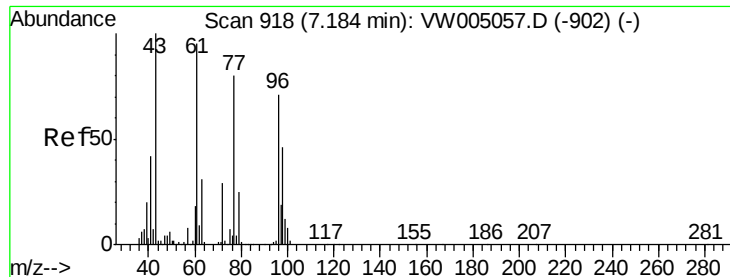
40000

20000

0

Time-->





#25

2-Butanone

Concen: 96.02 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tot Ion: 43 Resp: 147089

Ion Ratio Lower Upper

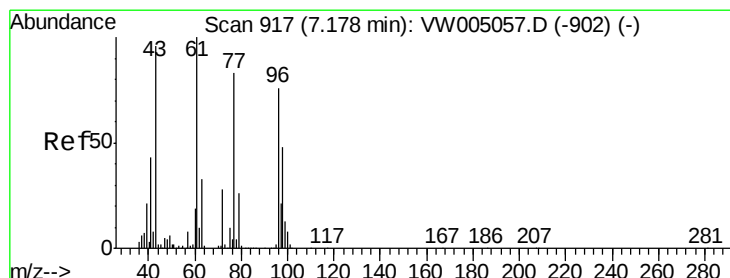
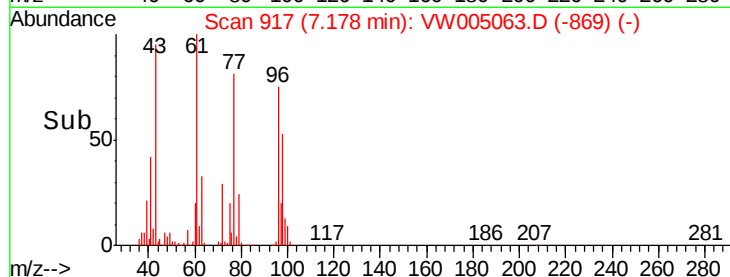
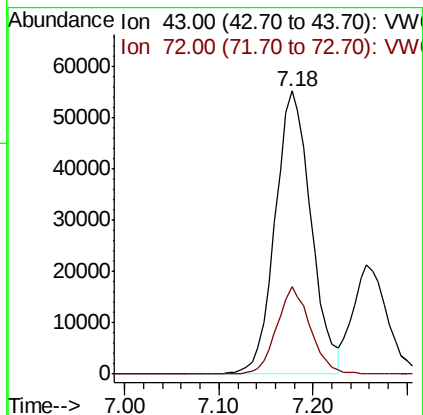
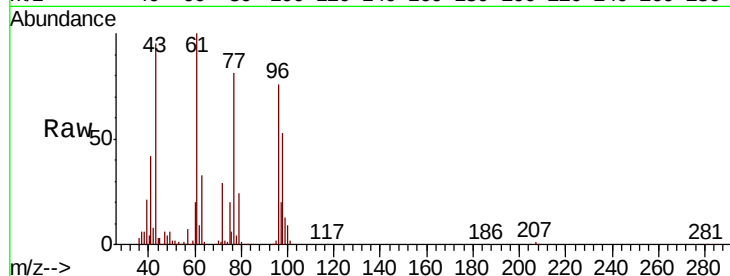
43 100

72 30.9 23.1 34.7

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#26

2,2-Dichloropropane

Concen: 19.37 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW005063.D

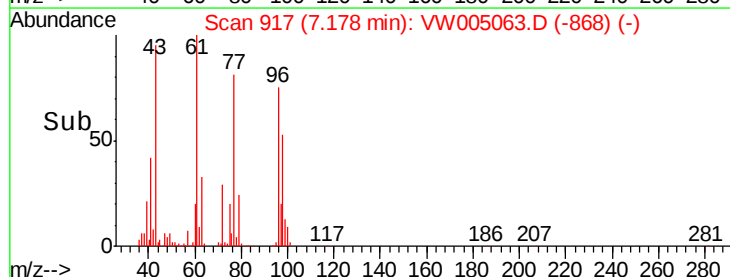
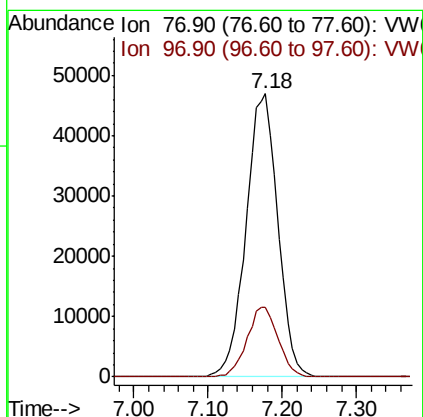
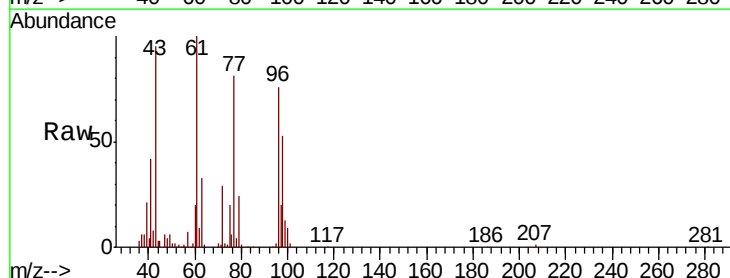
Acq: 01 Sep 2018 04:27

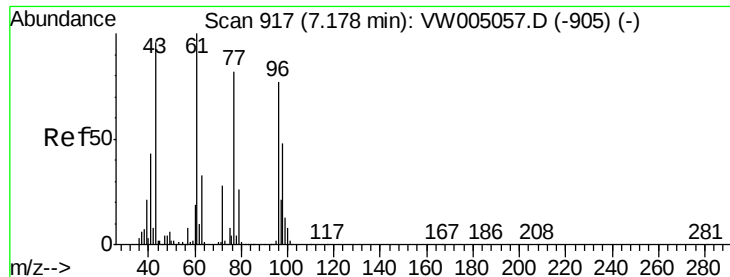
Tgt Ion: 77 Resp: 140550

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.6





#27

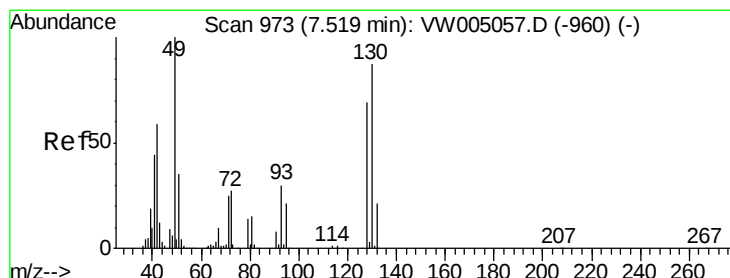
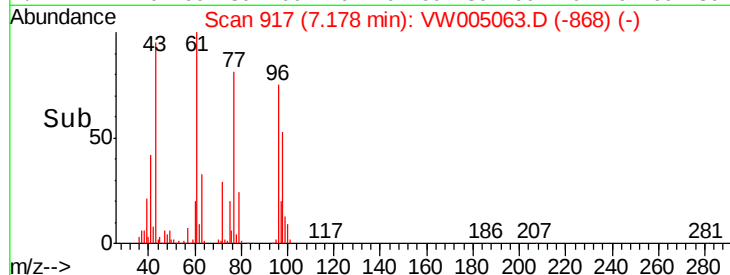
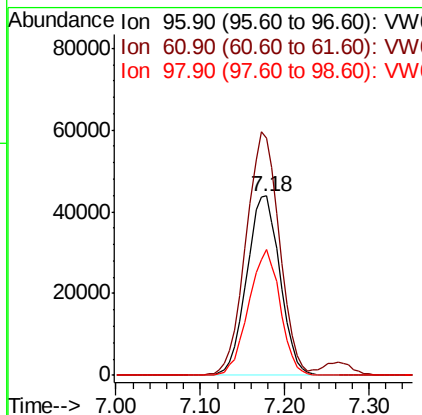
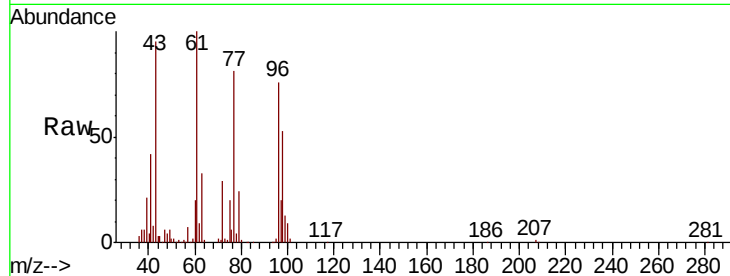
cis-1,2-Dichloroethene
Concen: 20.53 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	117540		
61	136.5	0.0	273.2	
98	66.6	0.0	127.8	

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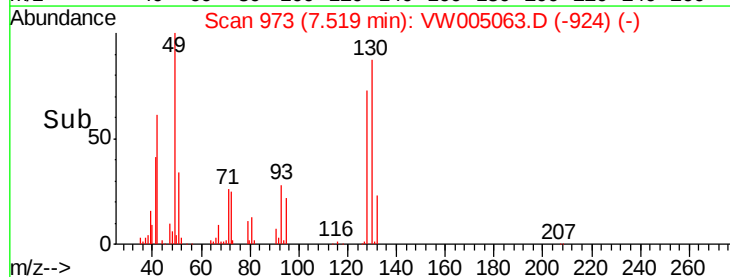
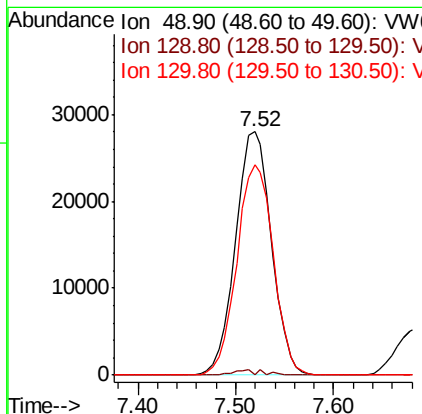
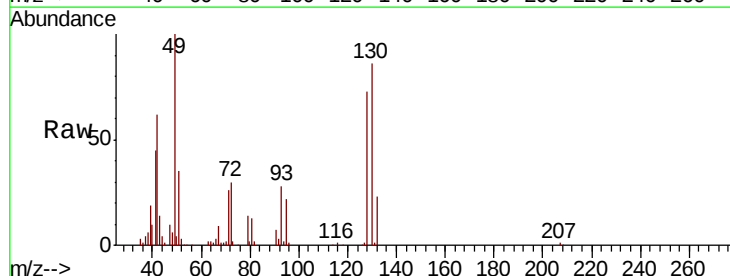
apatel
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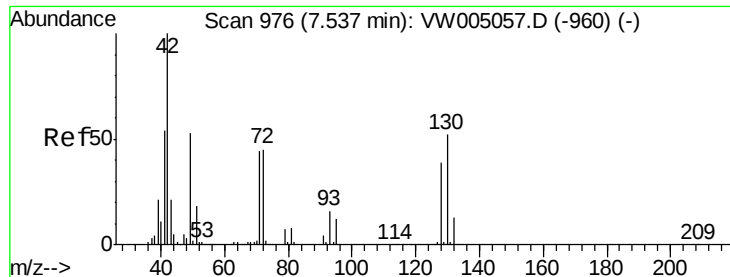


#28

Bromochloromethane
Concen: 20.12 ug/l
RT: 7.52 min Scan# 973
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	71510		
129	1.1	0.0	4.4	
130	87.4	69.6	104.4	





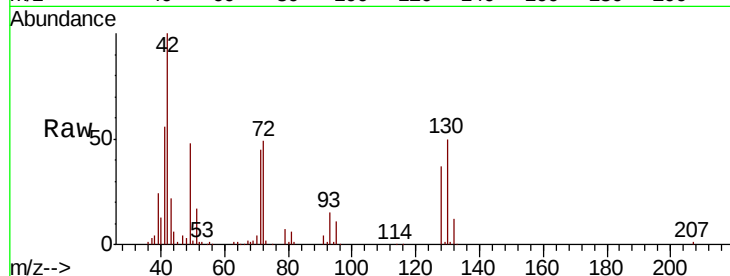
#29
Tetrahydrofuran
Concen: 96.86 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

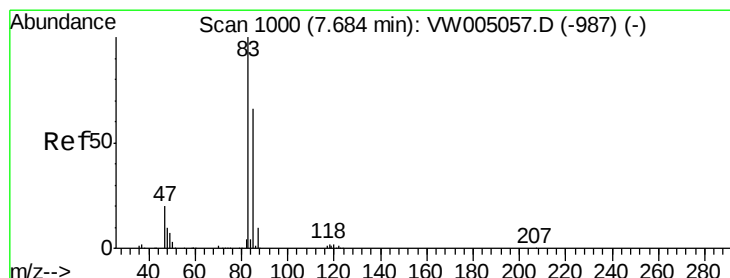
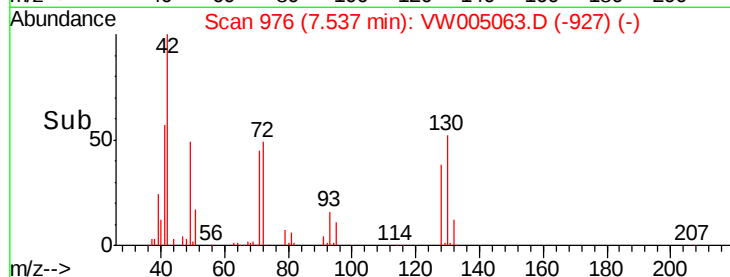
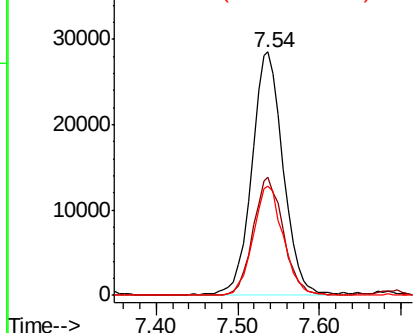
Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.0	55.4
71	43.7	35.0	52.6

Manual Integrations
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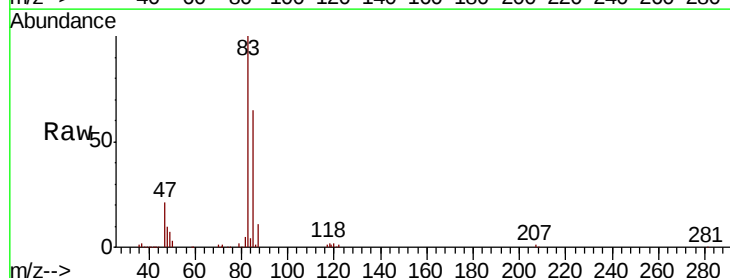


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

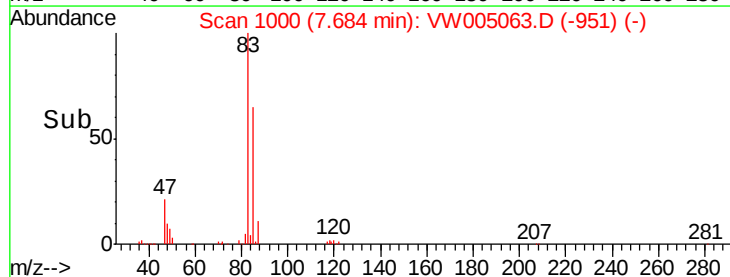
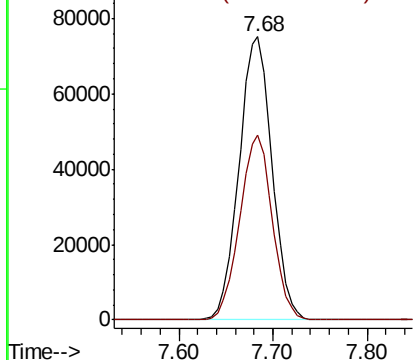


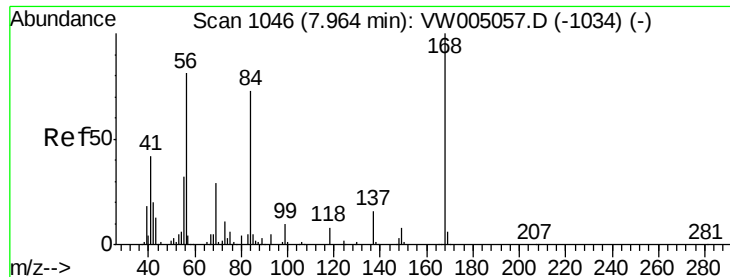
#30
Chloroform
Concen: 20.39 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.1	79.7



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





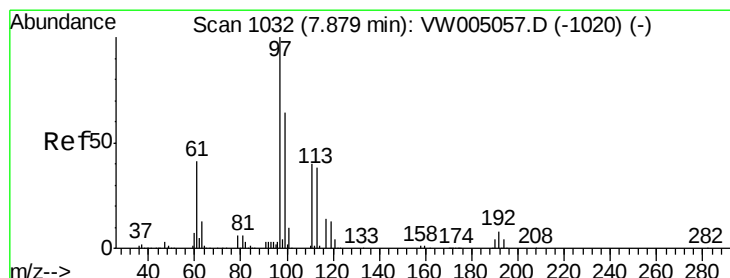
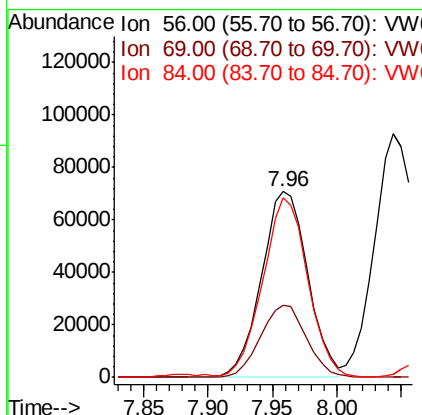
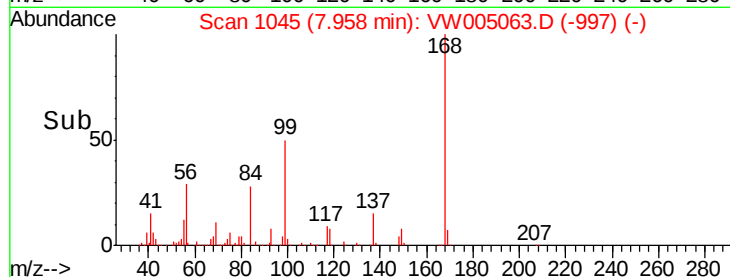
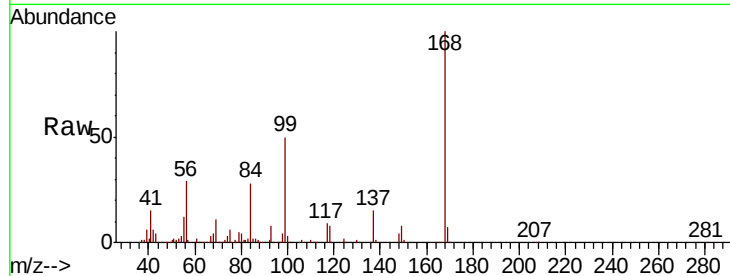
#31
Cyclohexane
Concen: 20.41 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.7	28.2	42.2
84	95.0	71.8	107.8

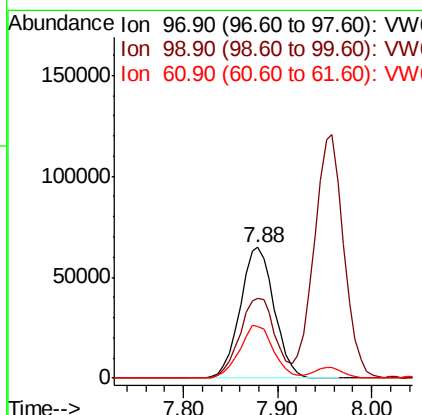
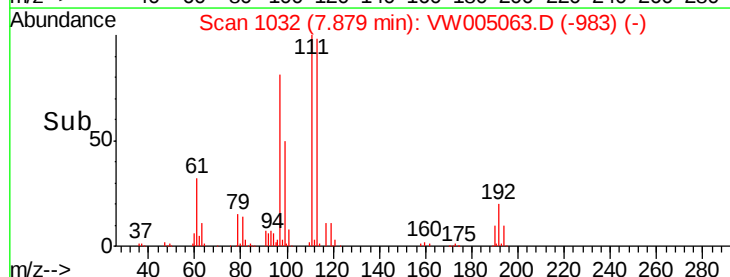
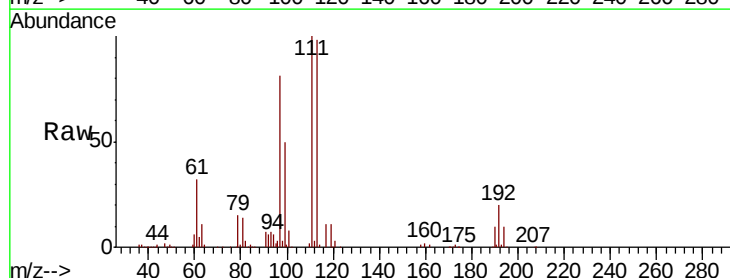
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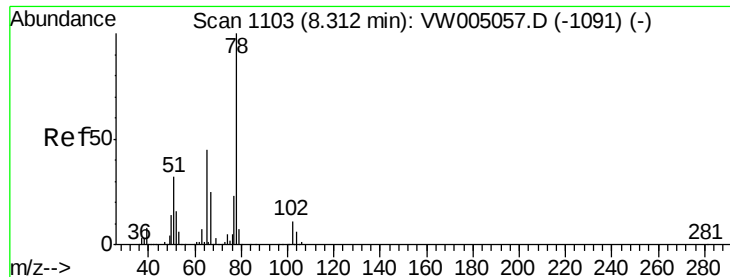
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#32
1,1,1-Trichloroethane
Concen: 20.85 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.8	77.8
61	40.3	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 52.99 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tot Ion: 65 Resp: 233338

Ion Ratio Lower Upper

65 100

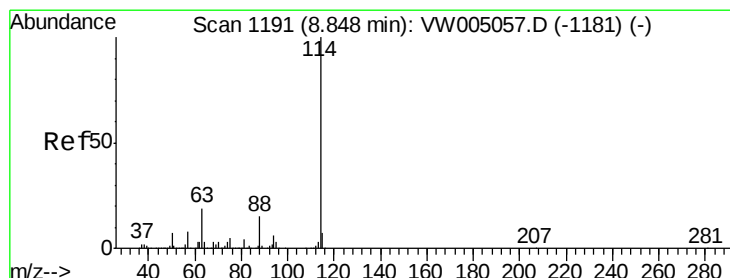
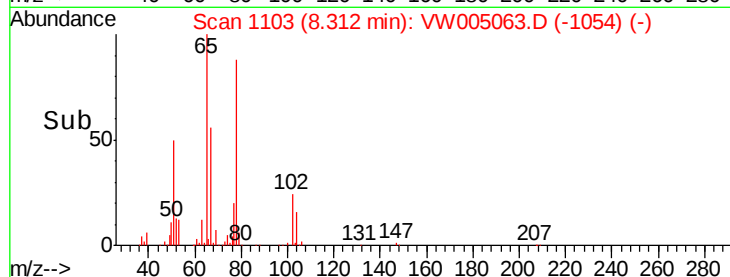
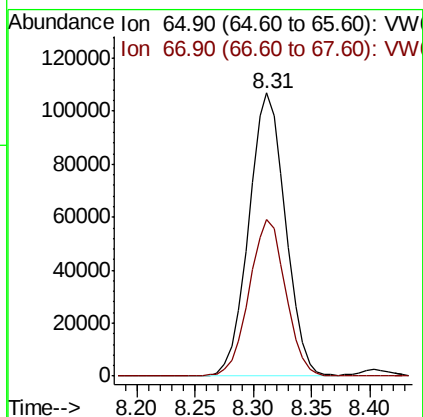
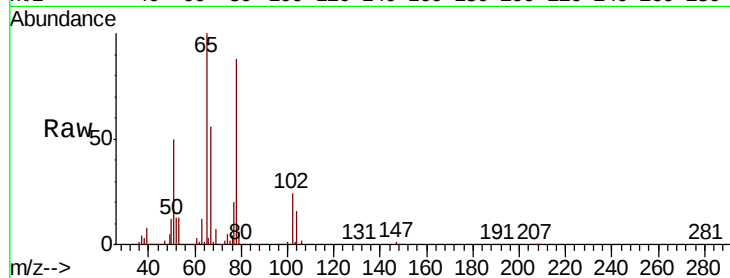
67 55.2 0.0 109.4

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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: VW005063.D

Acq: 01 Sep 2018 04:27

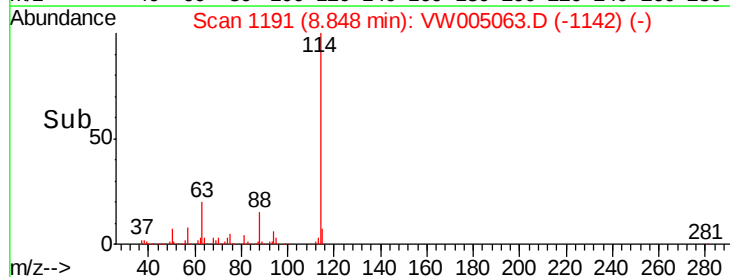
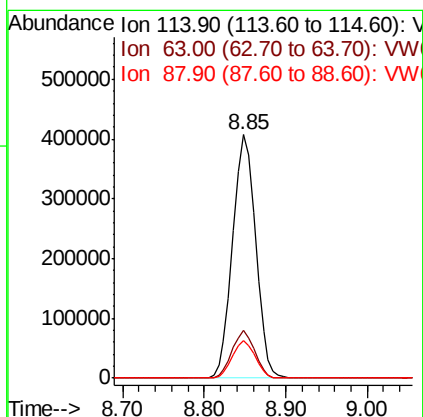
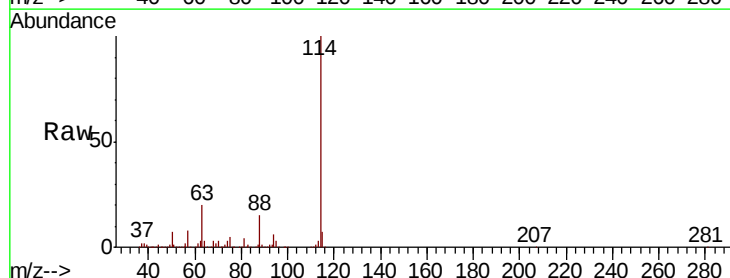
Tgt Ion: 114 Resp: 792797

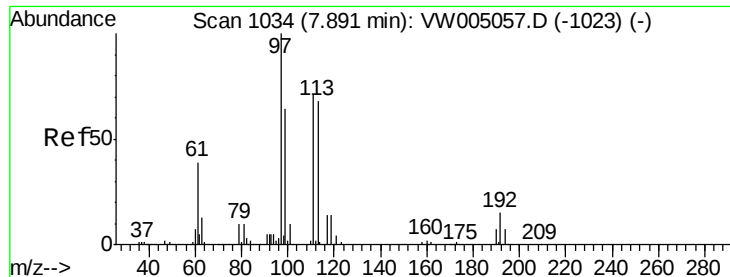
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.0

88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.49 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

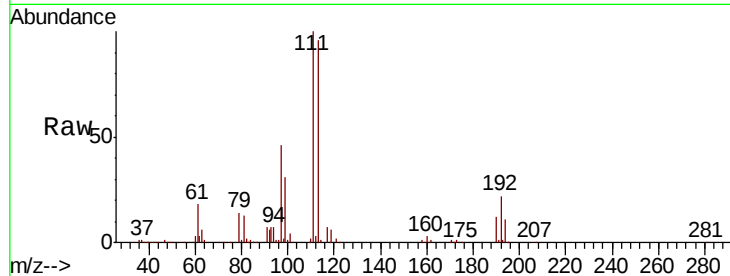
ClientSampled :

VW0901SBS01

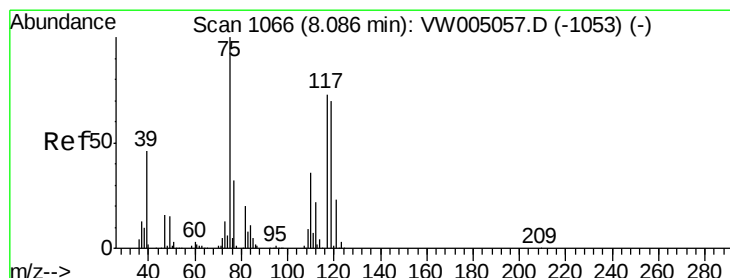
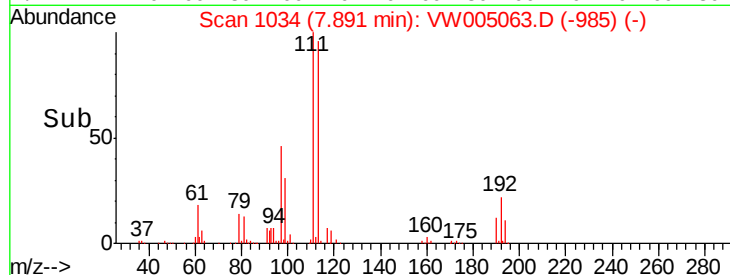
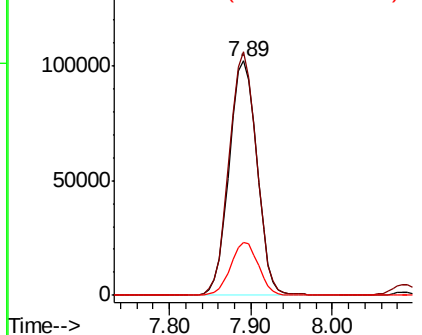
Tot Ion:	113	Resp:	240482
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.2	123.2
192	22.3	18.1	27.1

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



#36

1,1-Dichloropropene

Concen: 20.71 ug/l

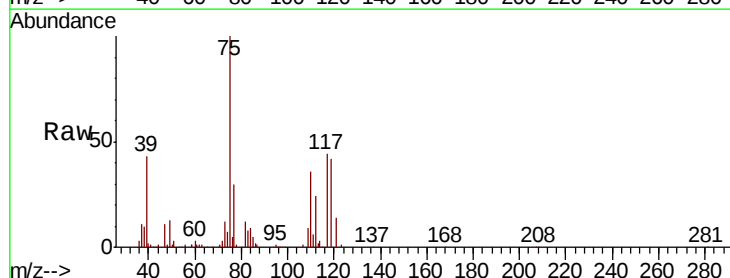
RT: 8.09 min Scan# 1067

Delta R.T. 0.01 min

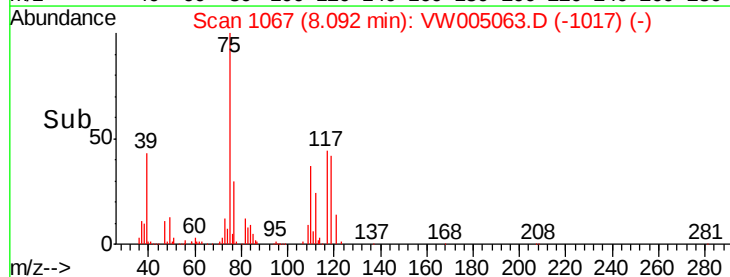
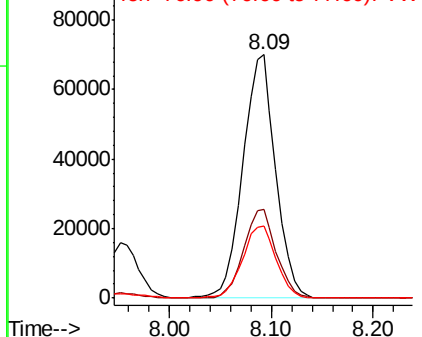
Lab File: VW005063.D

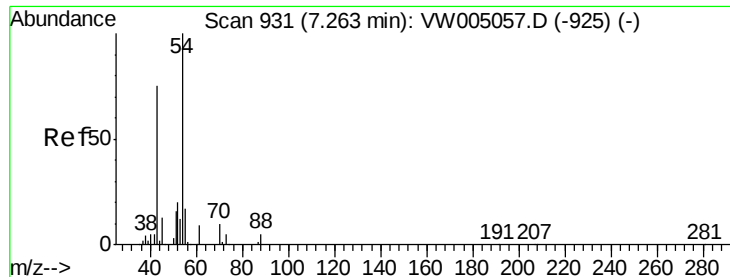
Acq: 01 Sep 2018 04:27

Tgt Ion:	75	Resp:	156385
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.9	56.7
77	30.7	25.5	38.3



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





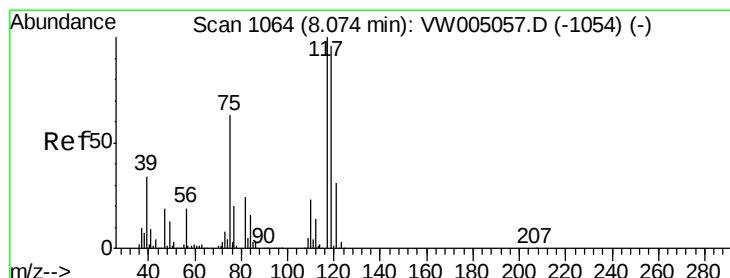
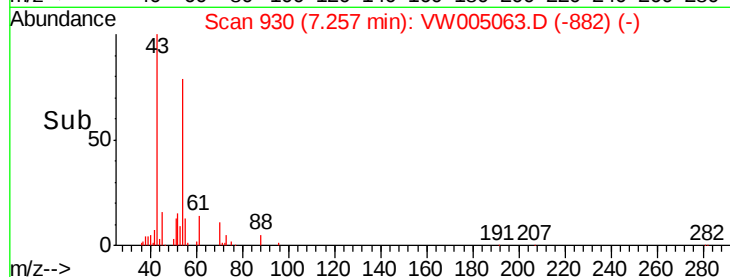
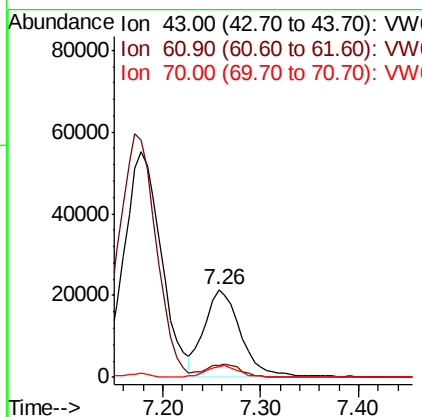
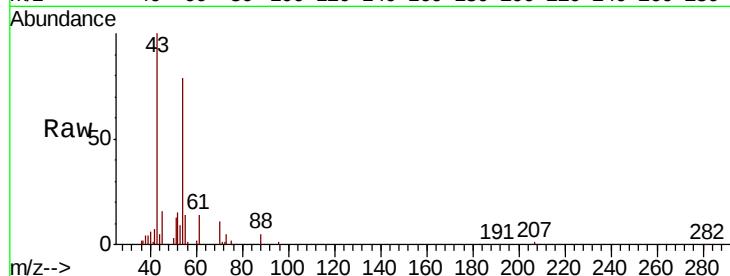
#37
Ethyl Acetate
Concen: 19.36 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tot Ion:	43	Resp:	54655
Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.1	18.1
70	12.0	9.4	14.2

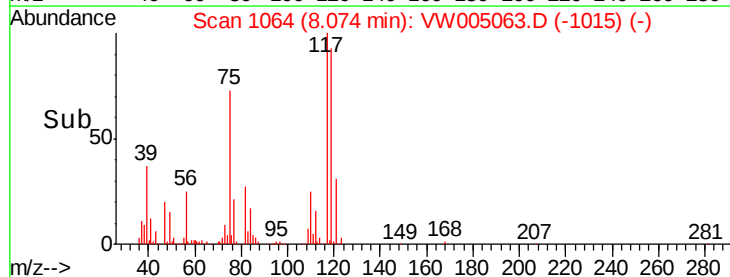
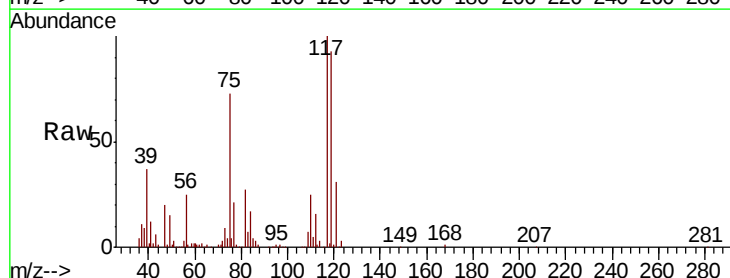
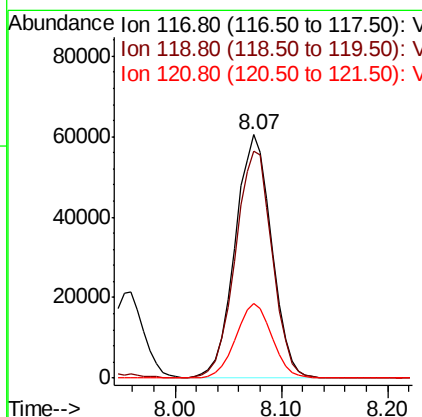
Manual Integrations
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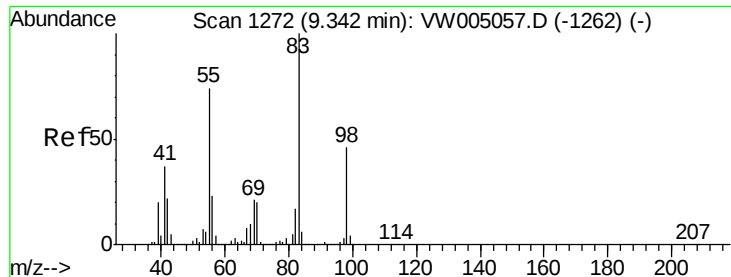
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#38
Carbon Tetrachloride
Concen: 20.34 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion:	117	Resp:	146013
Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.6	115.0
121	30.9	24.8	37.2





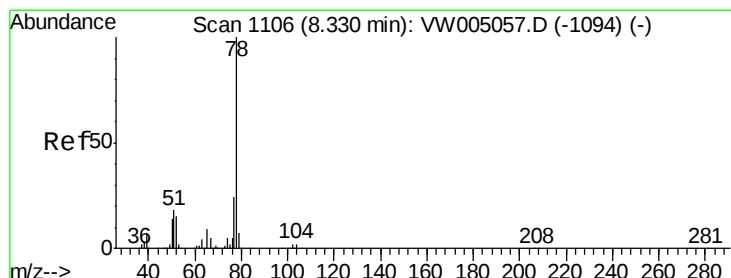
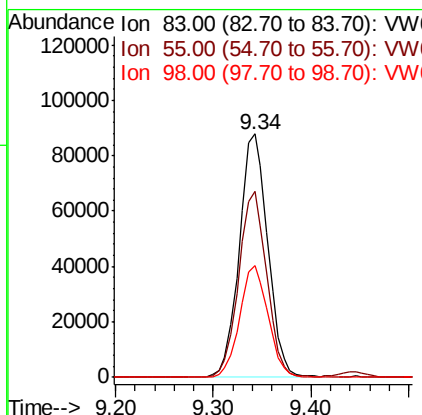
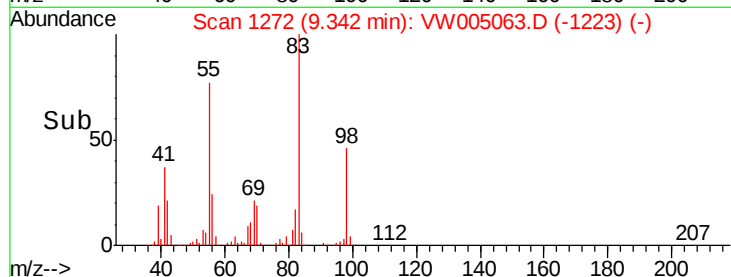
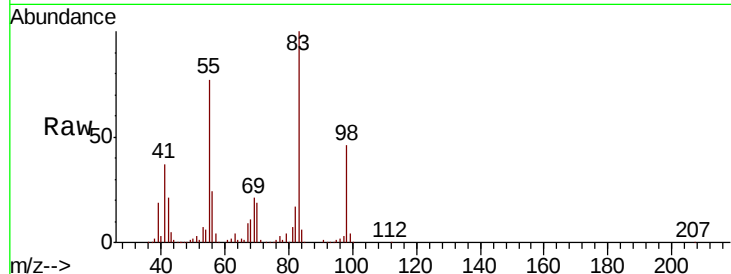
#39
Methvlcvclohexane
Concen: 19.48 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	177838		
55	76.7		58.9	88.3
98	46.0		36.8	55.2

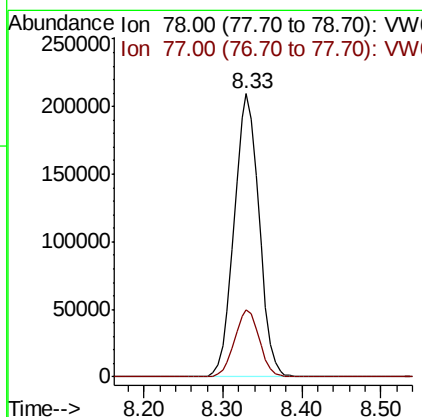
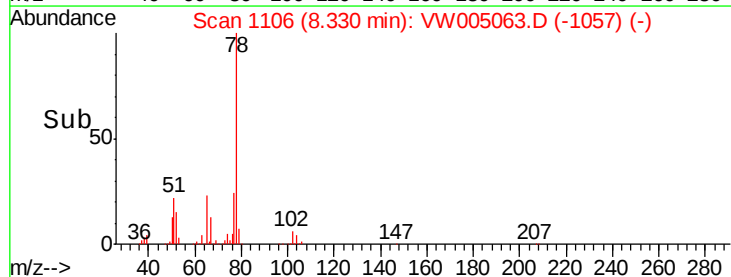
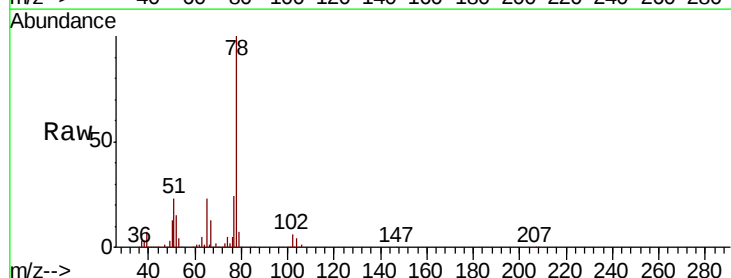
Manual Integrations
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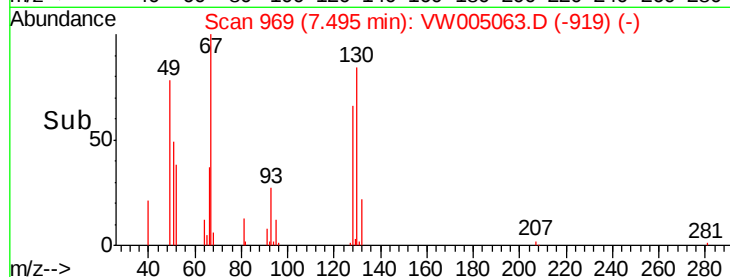
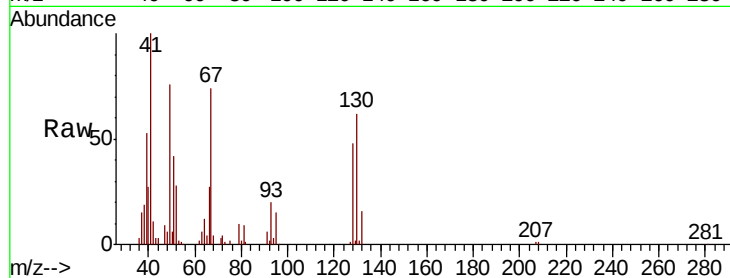
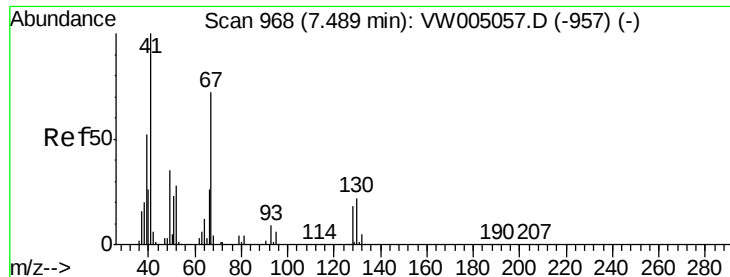
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#40
Benzene
Concen: 19.87 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	459299		
77	23.8		19.4	29.0





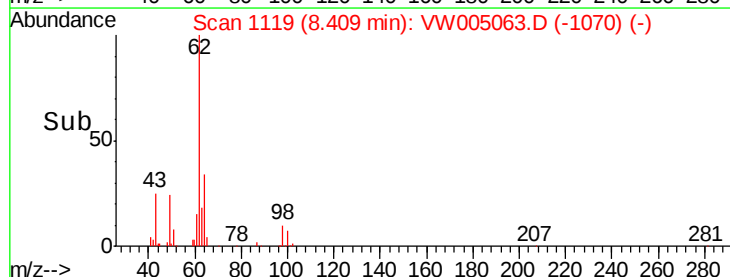
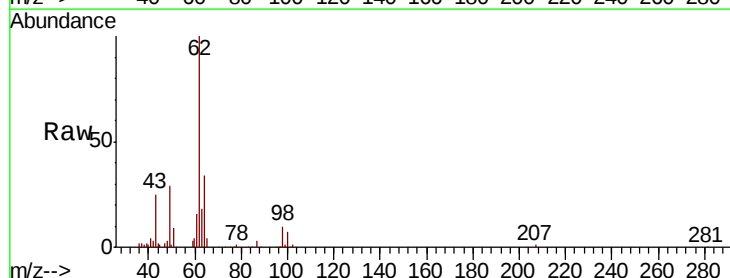
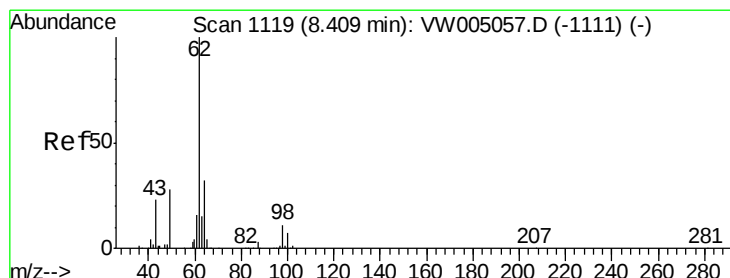
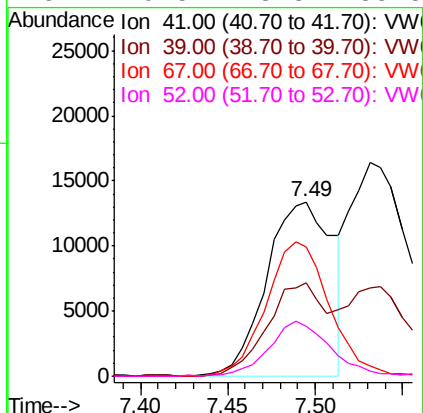
#41
Methacrylonitrile
Concen: 21.59 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tot Ion	41	Resp	35322
Ion	Ratio	Lower	Upper
41	100		
39	45.3	41.8	62.8
67	74.6	60.4	90.6
52	29.5	23.8	35.8

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

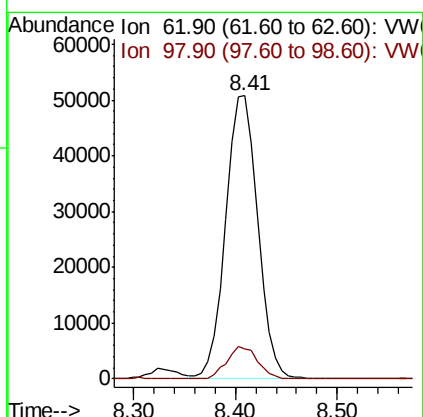
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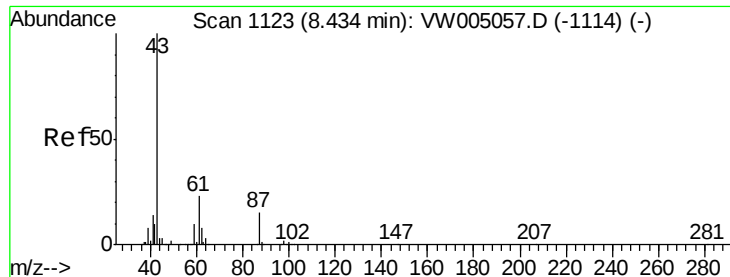
apatel
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#42
1,2-Dichloroethane
Concen: 19.61 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	62	Resp	110950
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.8





#43

Isopropyl Acetate

Concen: 18.85 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

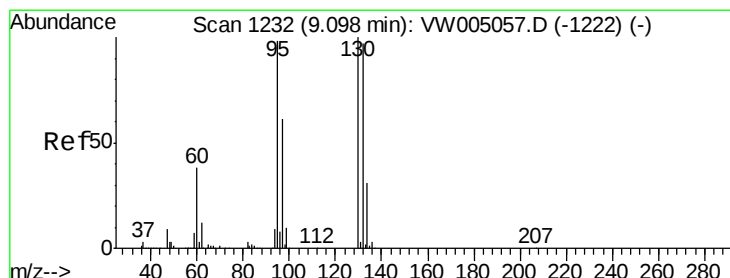
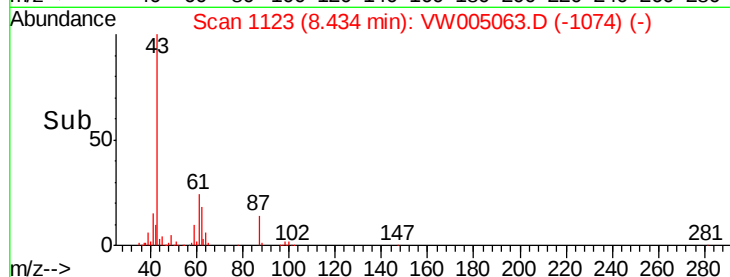
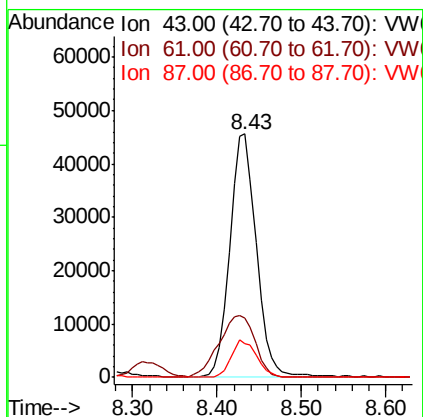
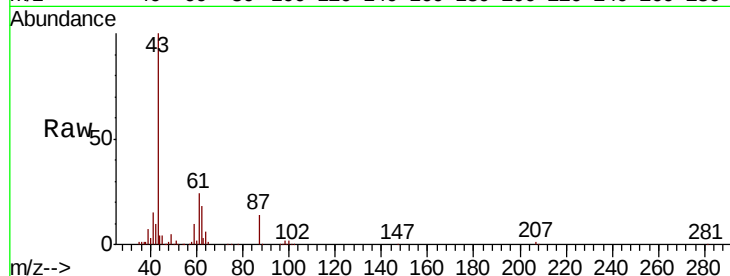
ClientSampleId :

VW0901SBS01

Tot Ion:	43	Resp:	96854
Ion	Ratio	Lower	Upper
43	100		
61	34.4	26.8	40.2
87	14.8	11.6	17.4

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#44

Trichloroethene

Concen: 20.21 ug/l

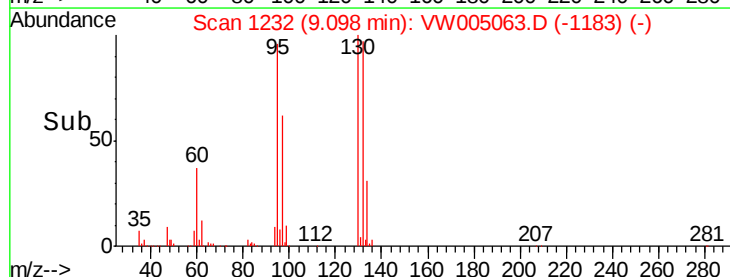
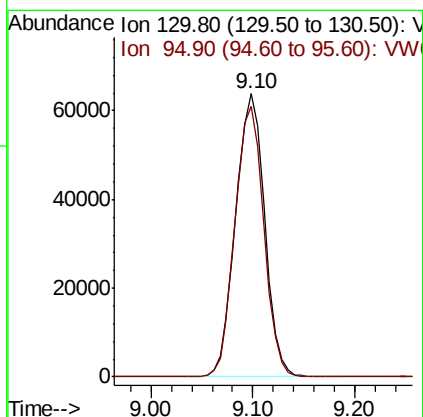
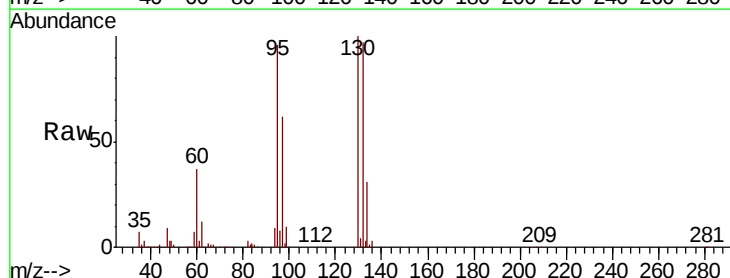
RT: 9.10 min Scan# 1232

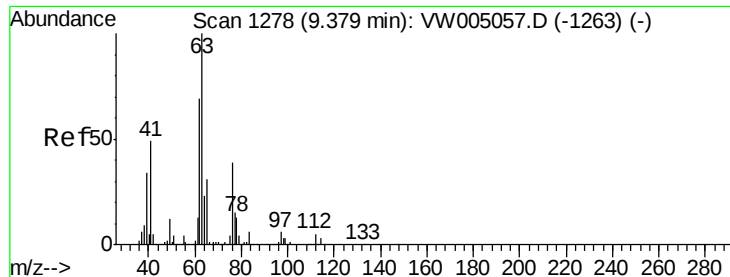
Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Tgt Ion:	130	Resp:	126062
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	195.2





#45

1,2-Dichloropropane

Concen: 20.05 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tot Ion: 63 Resp: 113240

Ion Ratio Lower Upper

63 100

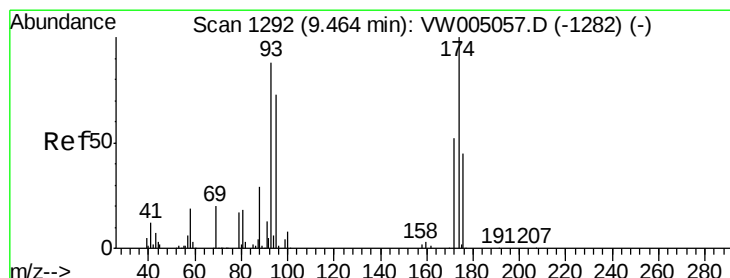
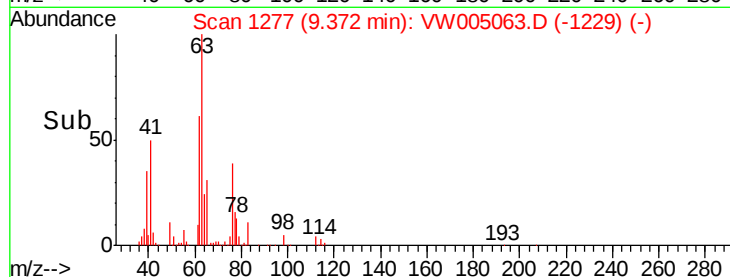
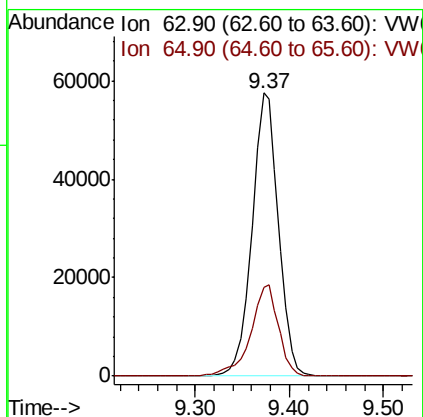
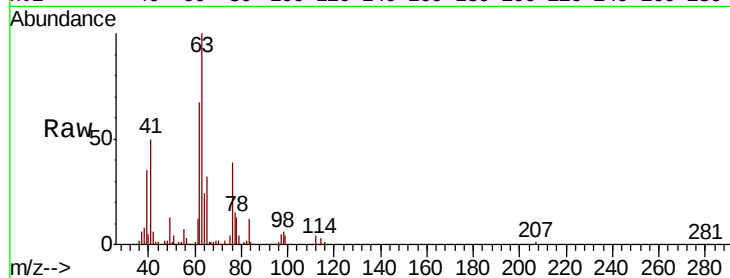
65 31.6 24.6 37.0

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#46

Dibromomethane

Concen: 19.66 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

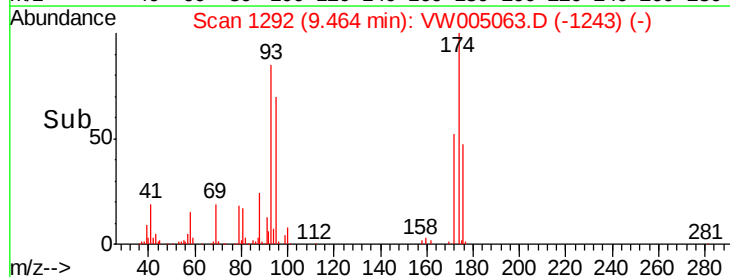
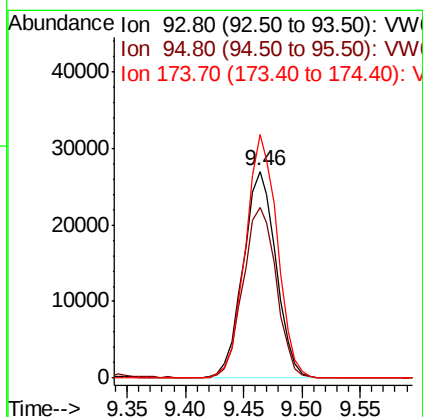
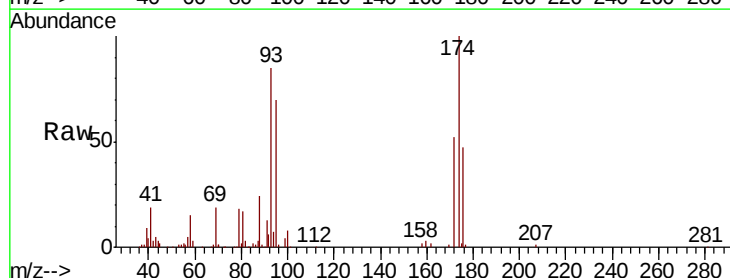
Tgt Ion: 93 Resp: 53090

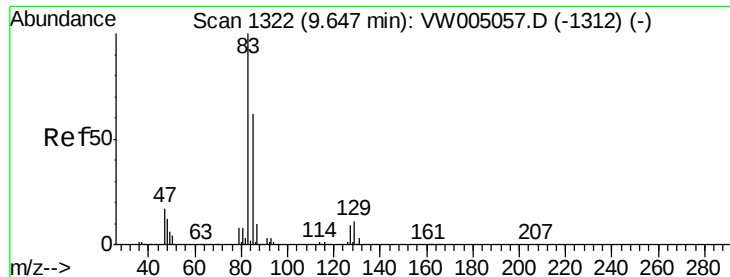
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 114.4 92.0 138.0





#47

Bromodichloromethane

Concen: 20.50 ug/l

RT: 9.65 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

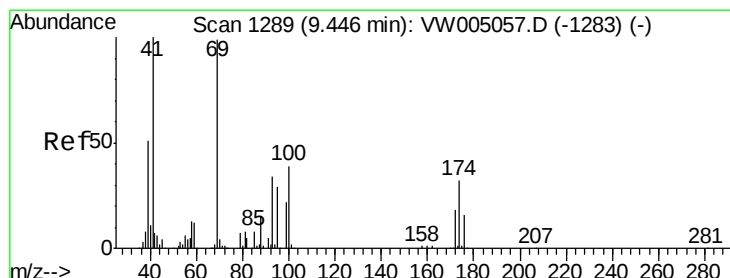
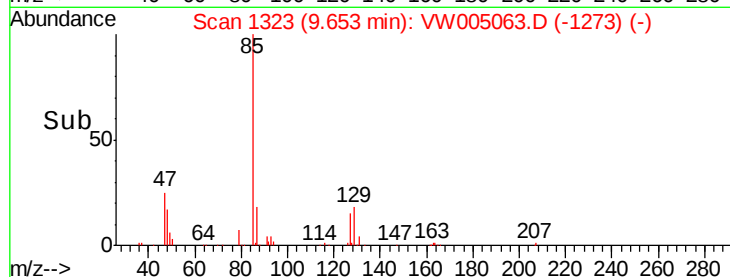
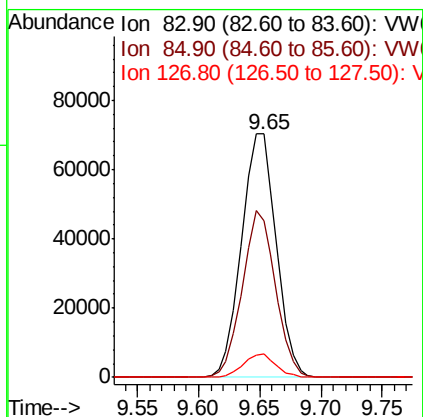
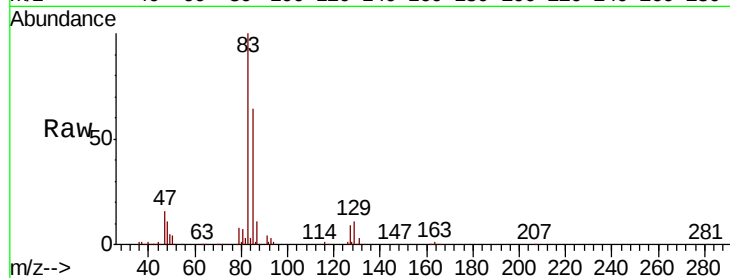
ClientSampleId :

VW0901SBS01

Tot Ion:	83	Resp:	139349
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.8	74.6
127	9.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 18.53 ug/l

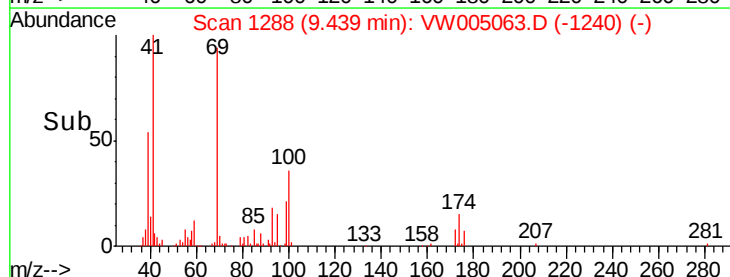
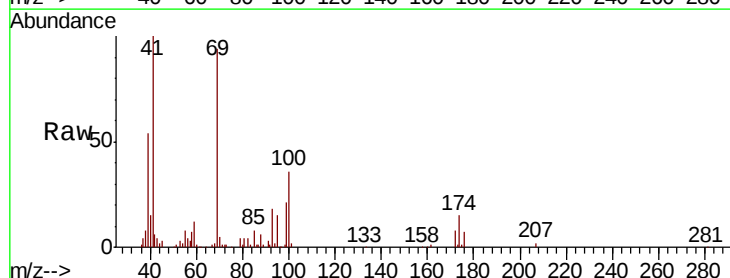
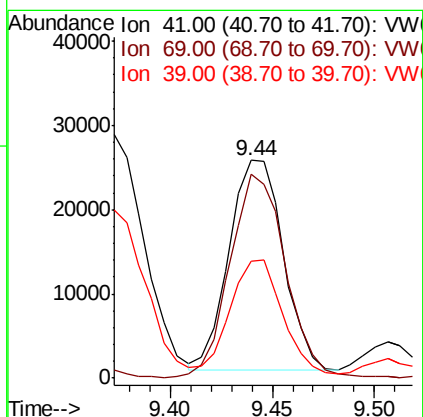
RT: 9.44 min Scan# 1288

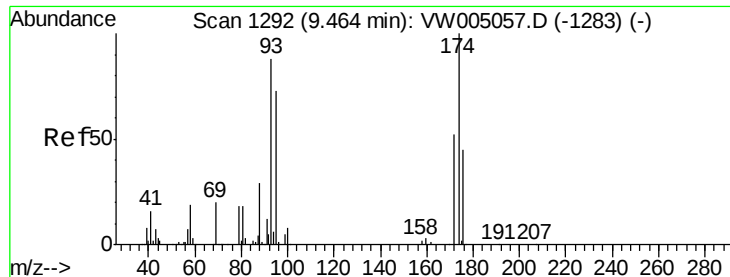
Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Tgt Ion:	41	Resp:	45839
Ion	Ratio	Lower	Upper
41	100		
69	100.9	80.4	120.6
39	56.5	43.5	65.3





#49

1,4-Dioxane

Concen: 366.49 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

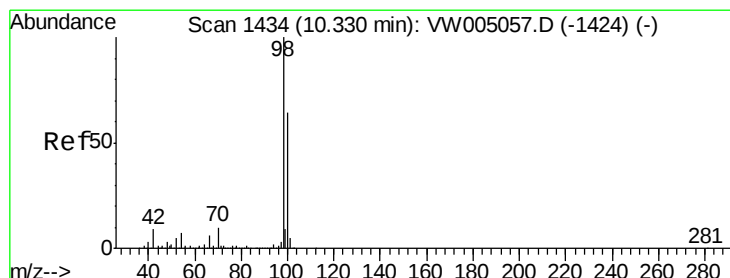
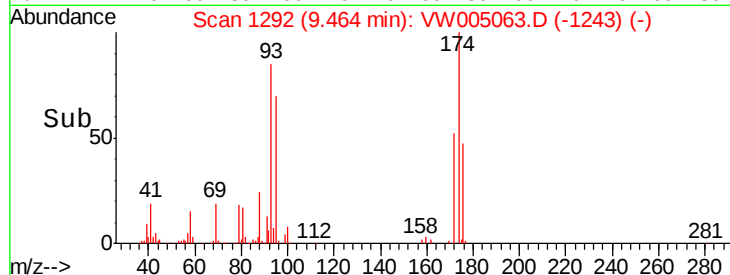
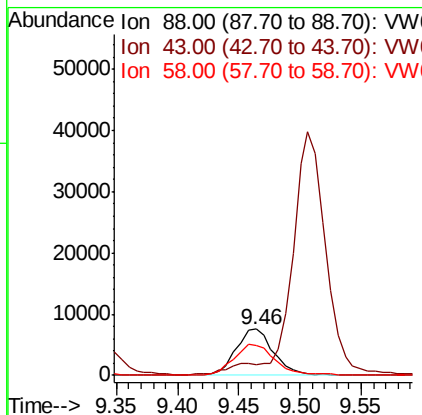
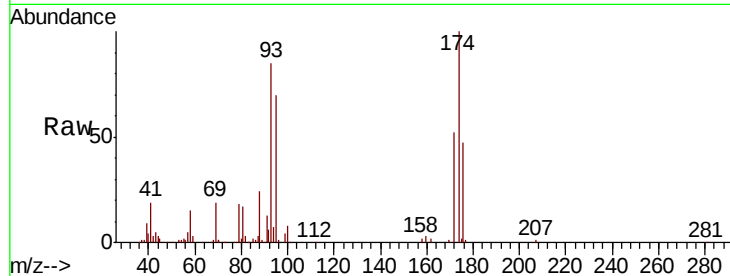
ClientSampleId :

VW0901SBS01

Tot Ion:	88	Resp:	16003
Ion Ratio	Lower	Upper	
88	100		
43	20.1	19.8	29.6
58	74.9	57.1	85.7

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#50

Toluene-d8

Concen: 52.13 ug/l

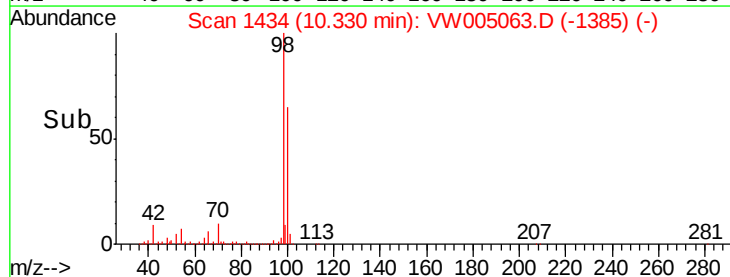
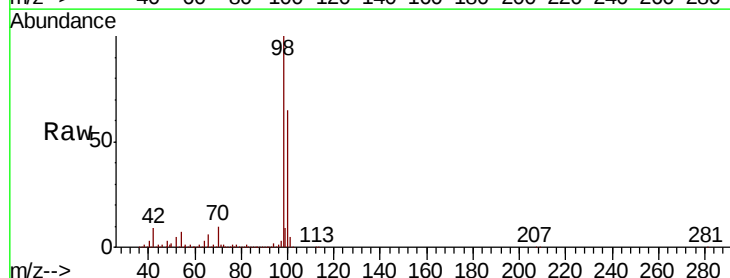
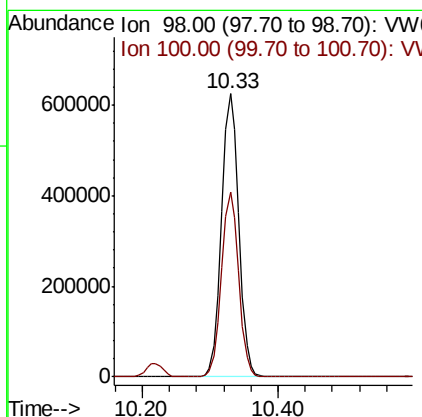
RT: 10.33 min Scan# 1434

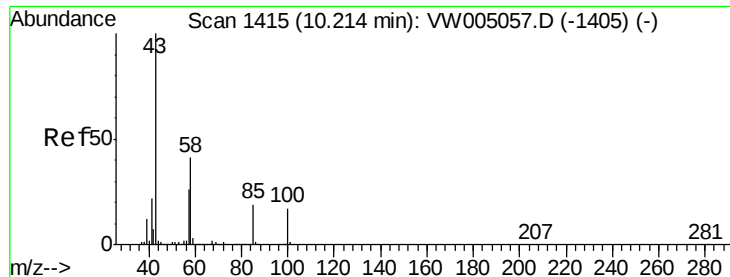
Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Tgt Ion:	98	Resp:	1100592
Ion Ratio	Lower	Upper	
98	100		
100	64.9	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 92.40 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampled :

VW0901SBS01

Tot Ion: 43 Resp: 318214

Ion Ratio Lower Upper

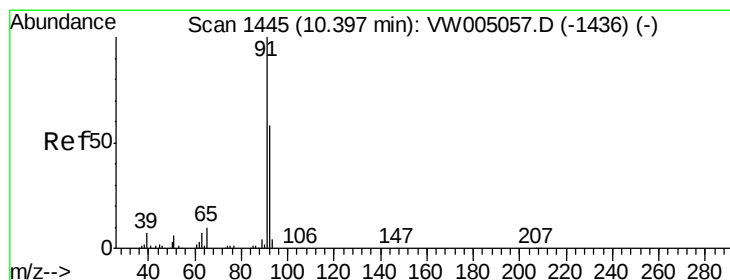
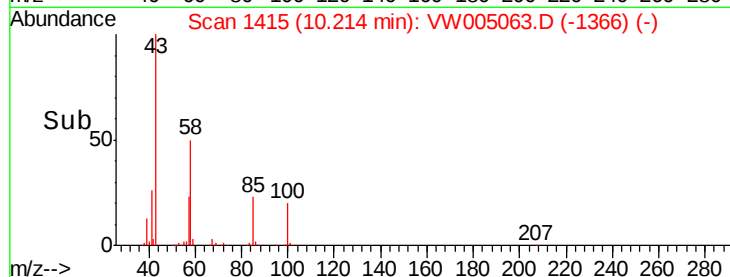
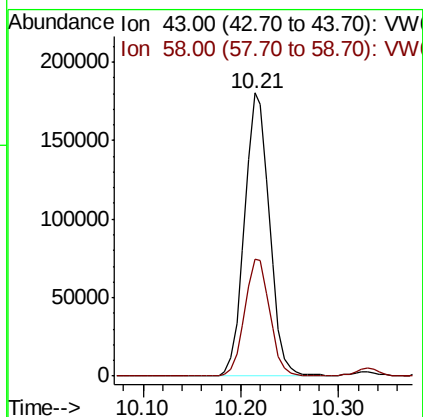
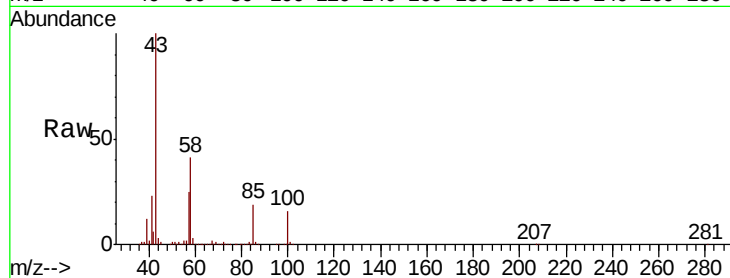
43 100

58 41.7 33.3 49.9

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#52

Toluene

Concen: 19.97 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW005063.D

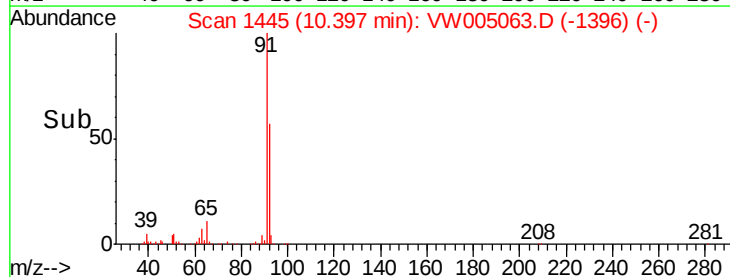
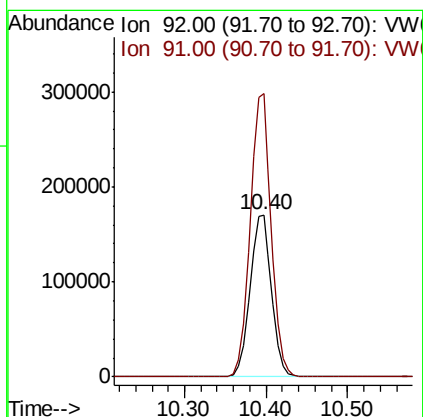
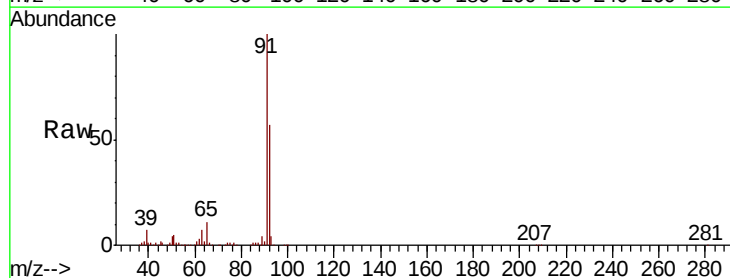
Acq: 01 Sep 2018 04:27

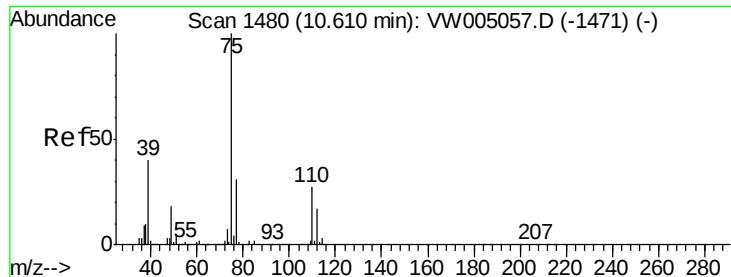
Tgt Ion: 92 Resp: 312741

Ion Ratio Lower Upper

92 100

91 171.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 19.56 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tot Ion: 75 Resp: 130668

Ion Ratio Lower Upper

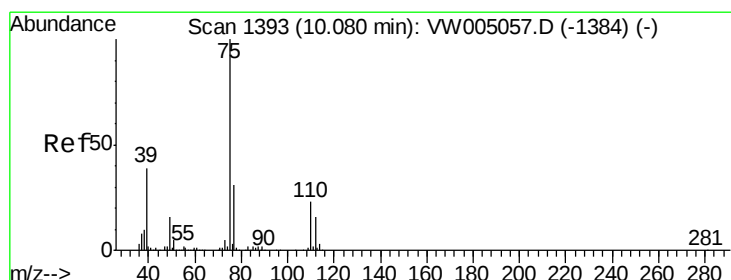
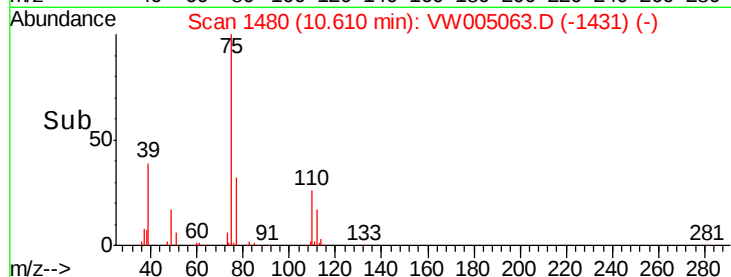
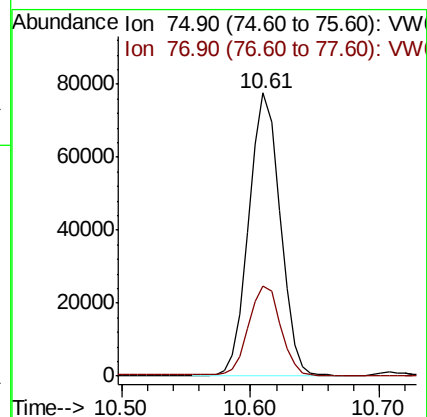
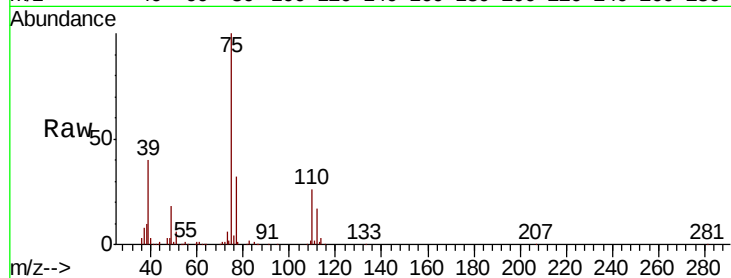
75 100

77 31.6 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 20.27 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

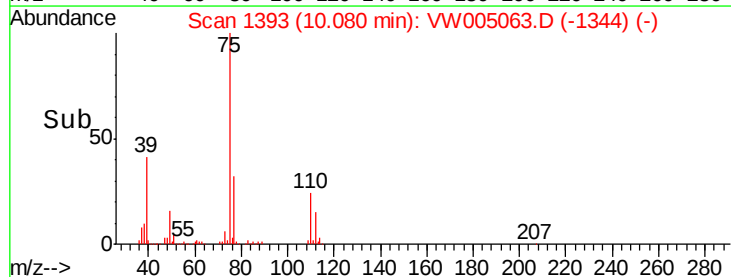
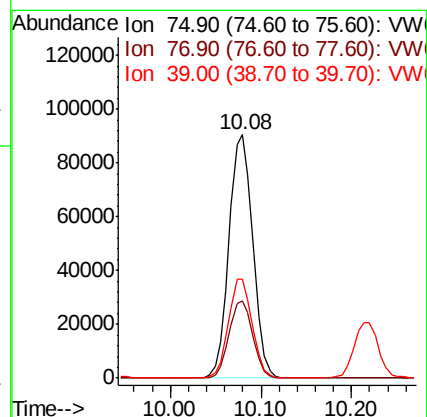
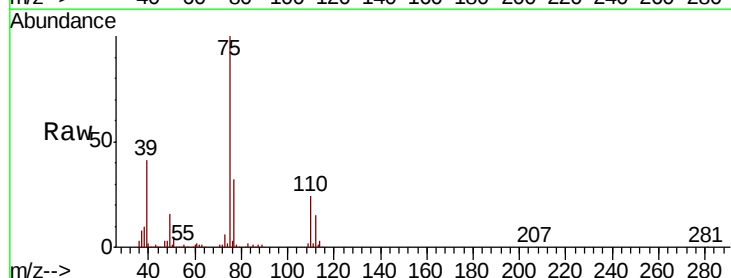
Tgt Ion: 75 Resp: 164705

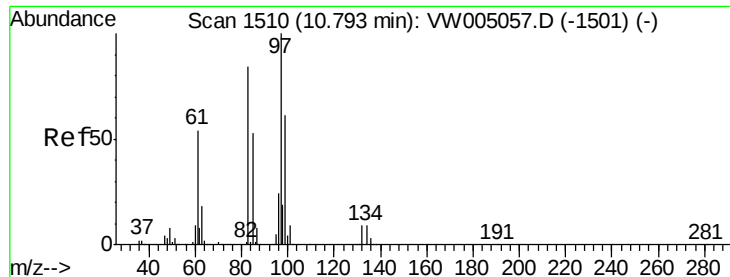
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

39 40.7 31.0 46.6





#55

1,1,2-Trichloroethane

Concen: 19.81 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

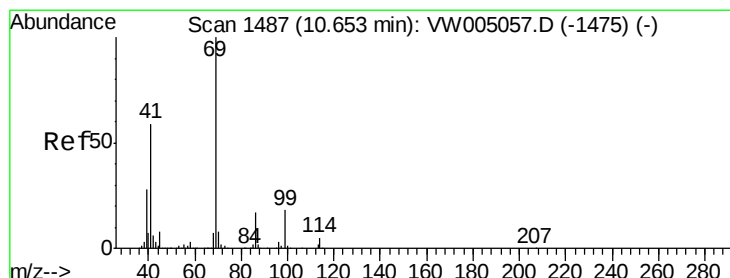
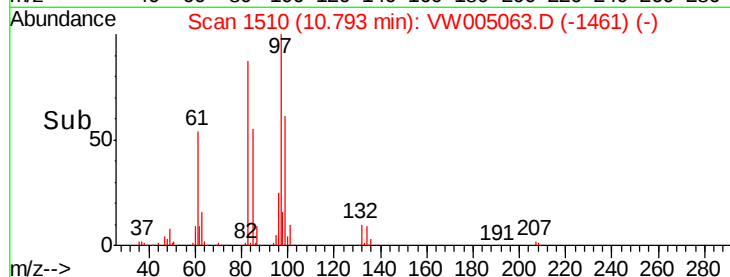
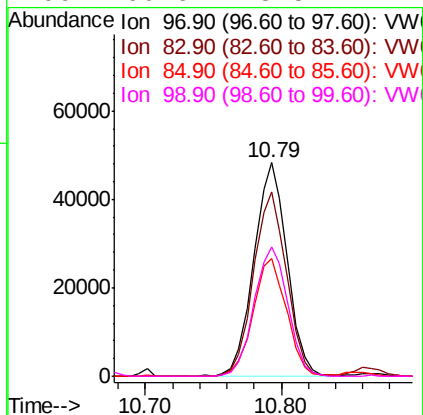
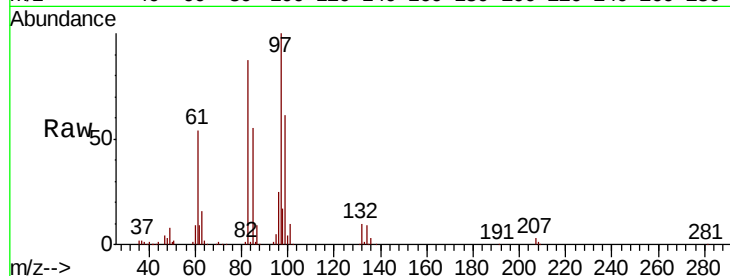
ClientSampleId :

VW0901SBS01

Tot Ion:	97	Resp:	82827
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.0	100.6
85	55.1	42.3	63.5
99	60.6	48.5	72.7

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#56

Ethyl methacrylate

Concen: 18.76 ug/l

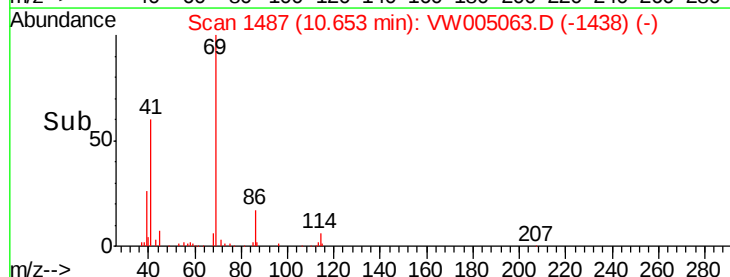
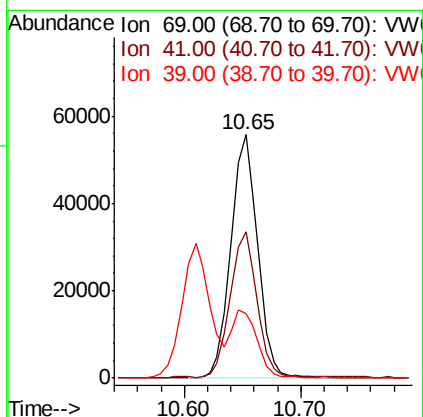
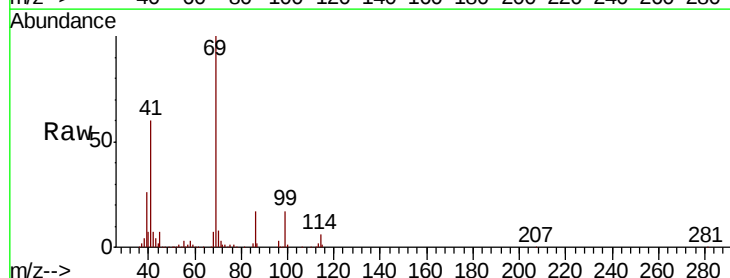
RT: 10.65 min Scan# 1487

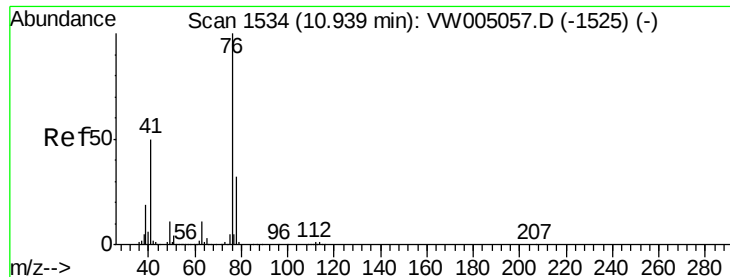
Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Tgt Ion:	69	Resp:	89500
Ion	Ratio	Lower	Upper
69	100		
41	59.8	47.8	71.6
39	26.1	21.1	31.7





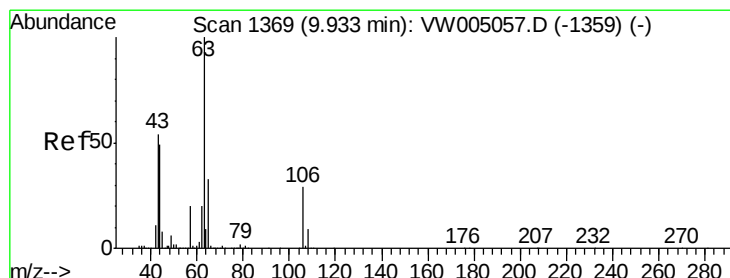
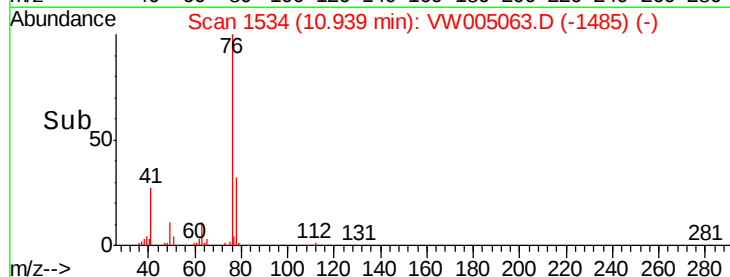
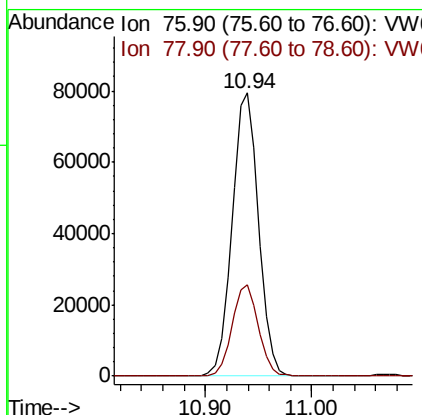
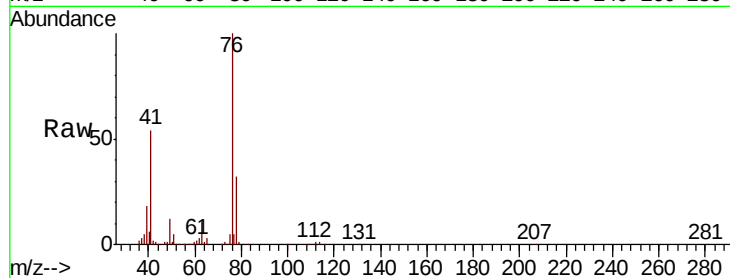
#57
 1,3-Dichloropropane
 Concen: 19.99 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.3	39.5

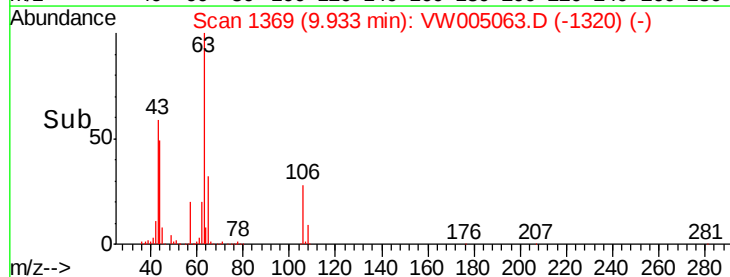
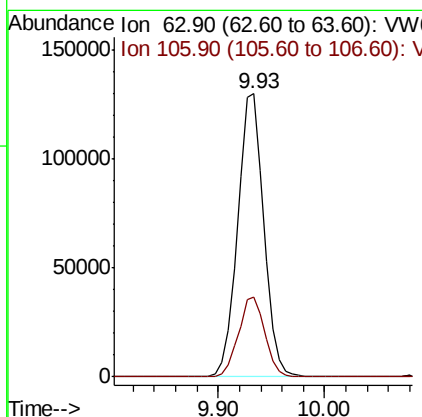
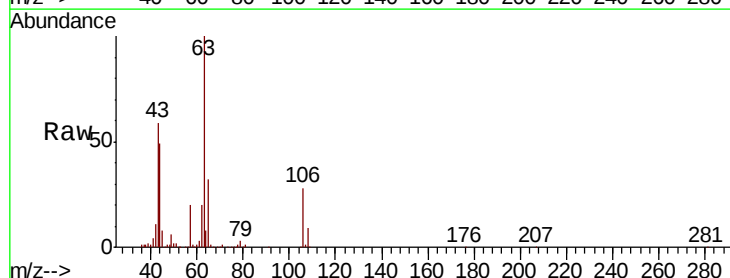
Manual Integrations
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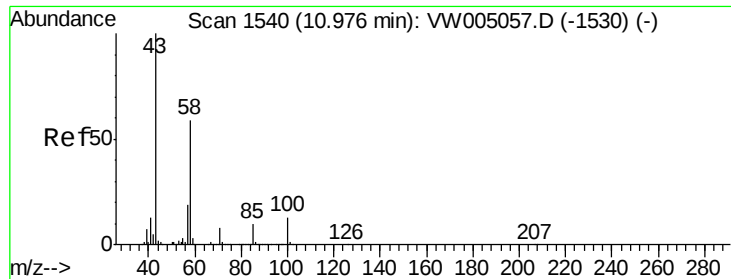
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.11 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	23.1	34.7





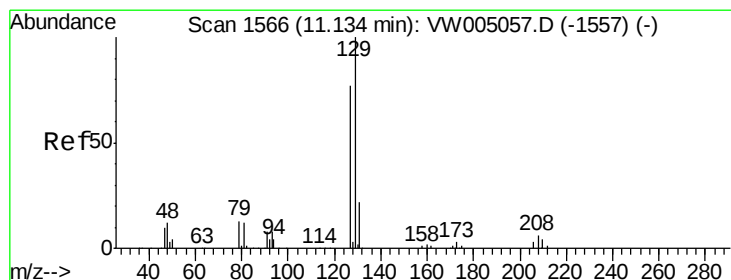
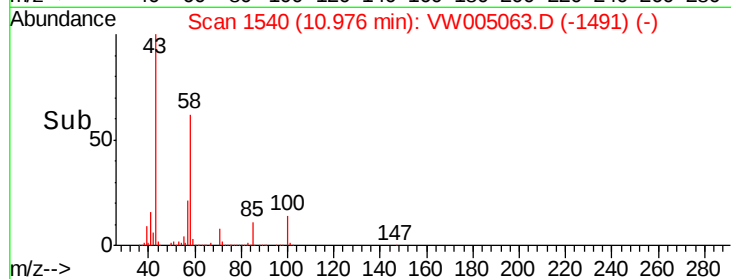
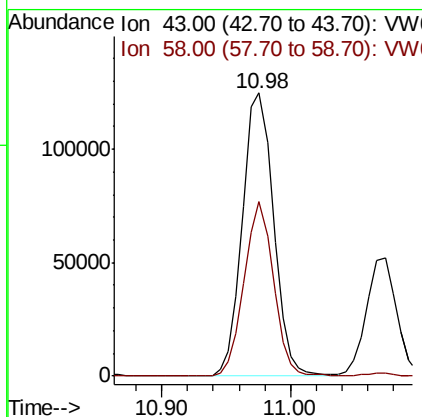
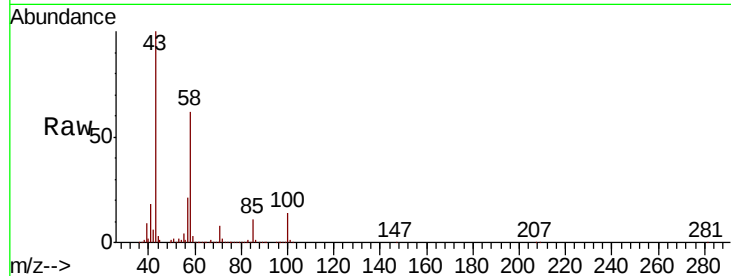
#59
2-Hexanone
Concen: 90.01 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampled :
VW0901SBS01

Tot Ion	43	Resp	209638
Ion Ratio	43	100	
Lower	58	58.0	28.7
Upper			86.3

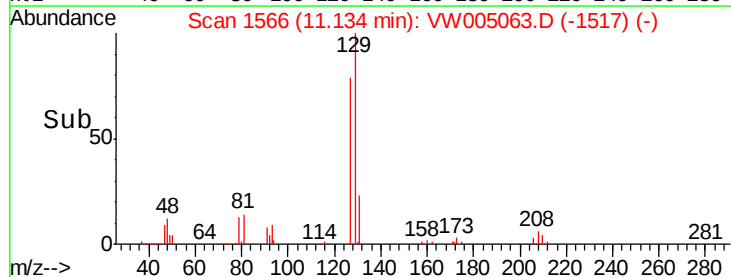
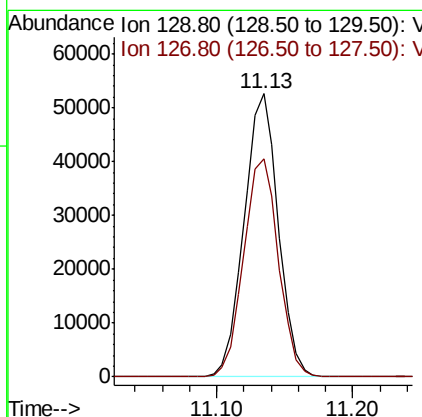
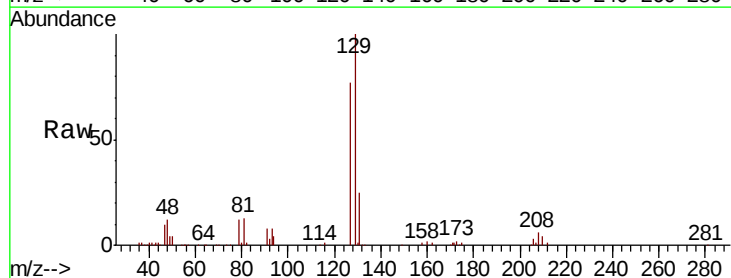
Manual Integrations
APPROVED

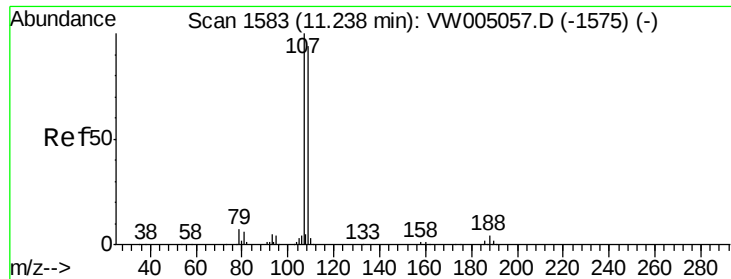
apatel
9/4/2018 9:37:24 AM



#60
Dibromochloromethane
Concen: 19.58 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	129	Resp	92545
Ion Ratio	129	100	
Lower	127	78.2	38.9
Upper			116.7





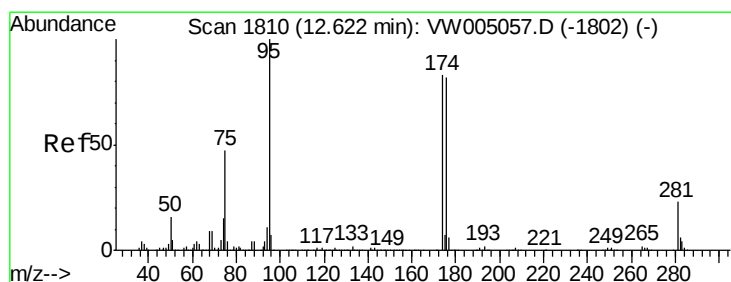
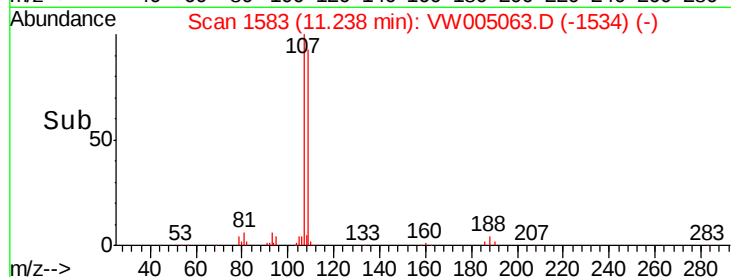
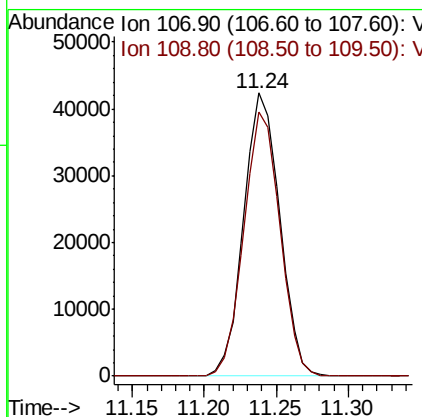
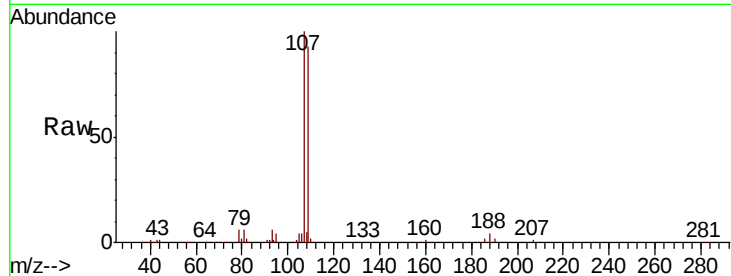
#61
 1,2-Dibromoethane
 Concen: 19.46 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

Tot Ion: 107 Resp: 73441
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.9 113.9

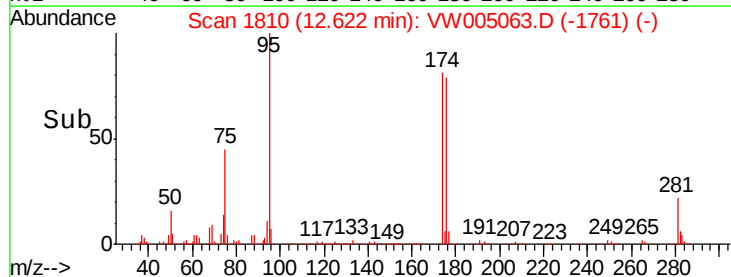
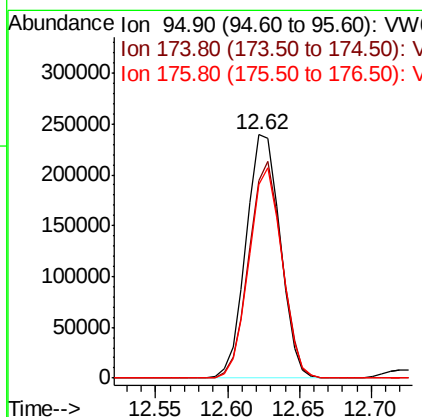
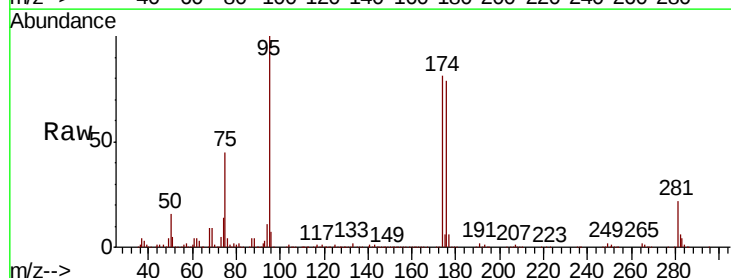
Manual Integrations
 APPROVED

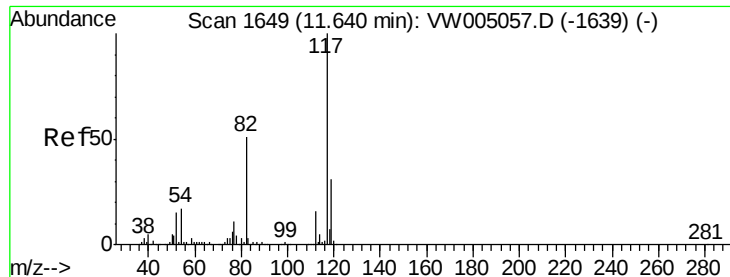
apatel
 9/4/2018 9:37:24 AM



#62
 4-Bromofluorobenzene
 Concen: 52.81 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion: 95 Resp: 393077
 Ion Ratio Lower Upper
 95 100
 174 85.7 0.0 173.4
 176 83.6 0.0 167.4





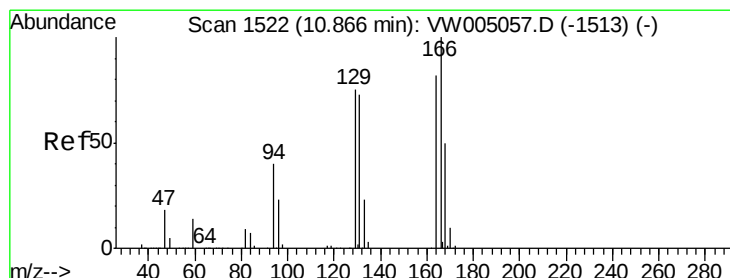
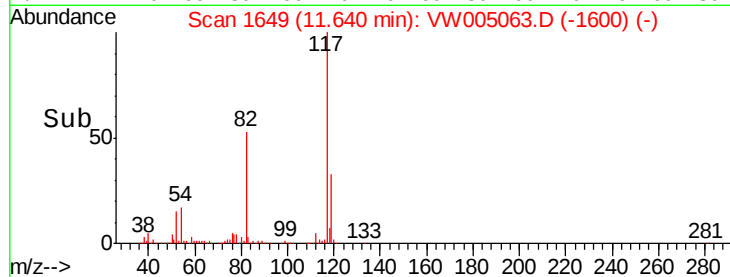
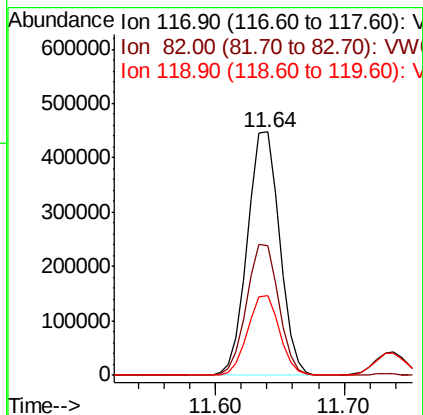
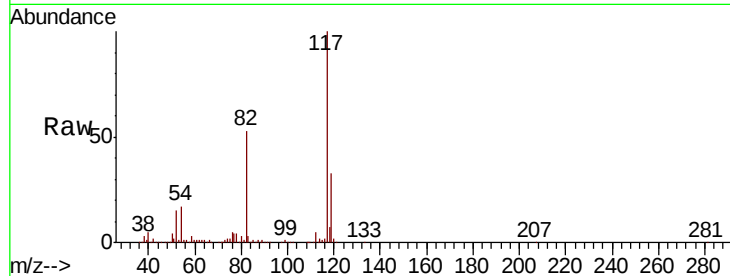
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	40.9	61.3
119	32.6	24.9	37.3

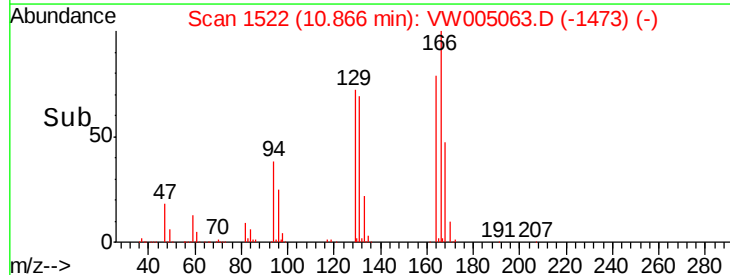
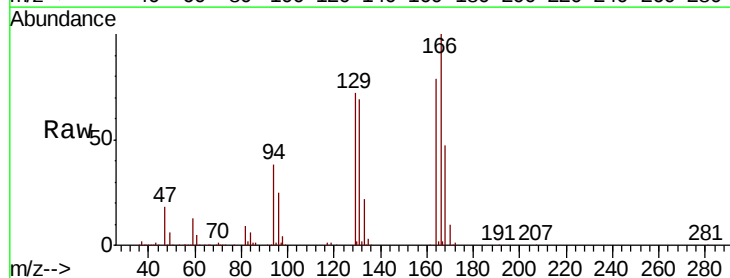
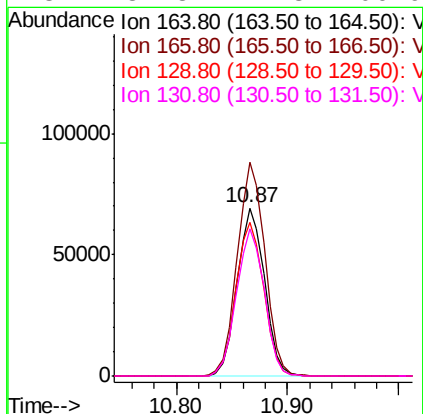
Manual Integrations
APPROVED

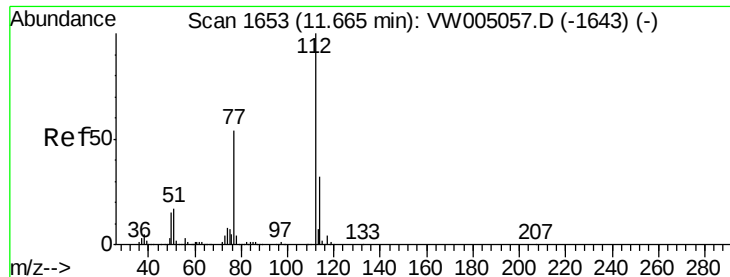
apatel
9/4/2018 9:37:24 AM



#64
Tetrachloroethene
Concen: 19.42 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	97.3	145.9
129	91.3	73.1	109.7
131	87.8	71.3	106.9





#65

Chlorobenzene

Concen: 19.68 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tot Ion:112 Resp: 342673

Ion Ratio Lower Upper

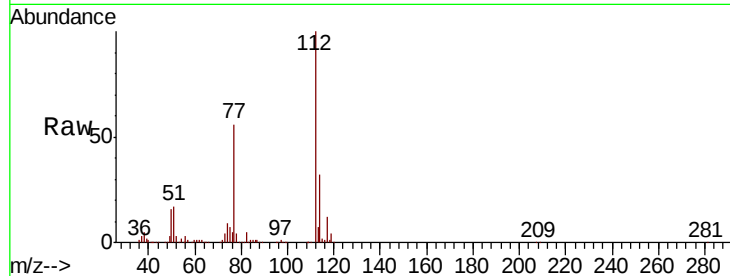
112 100

114 31.9 26.0 39.0

Manual Integrations
APPROVED

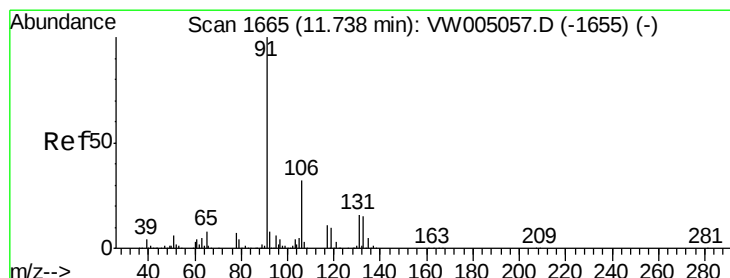
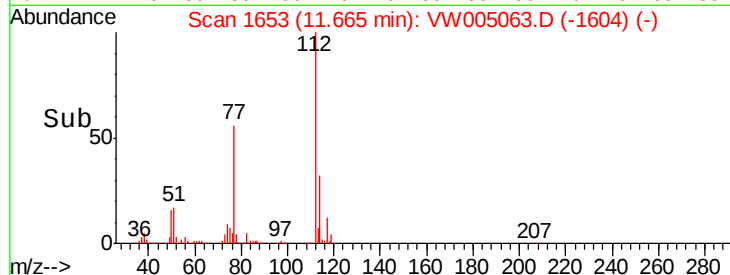
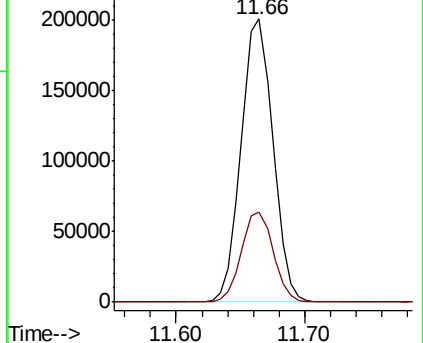
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.83 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

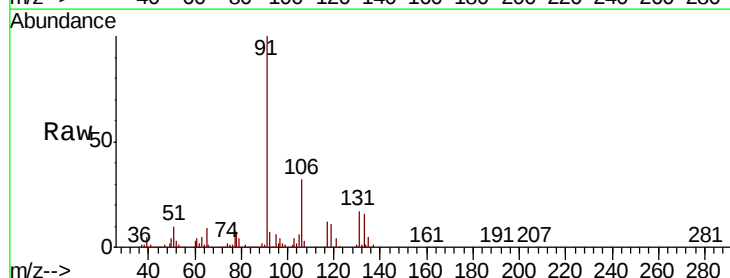
Tgt Ion:131 Resp: 105498

Ion Ratio Lower Upper

131 100

133 96.7 47.4 142.3

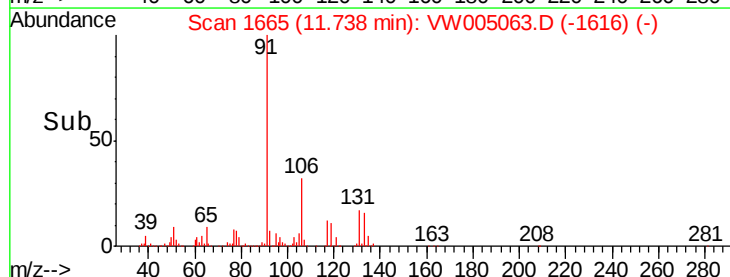
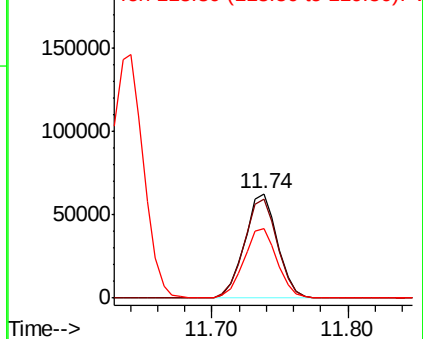
119 67.3 33.4 100.1

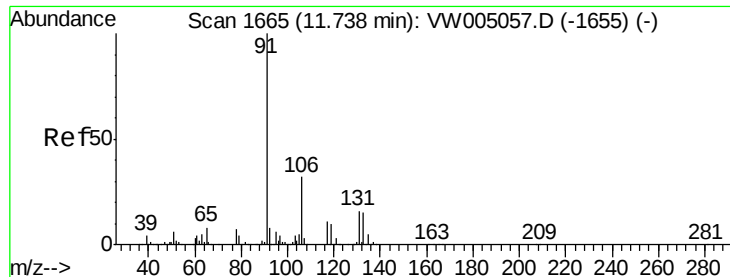


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





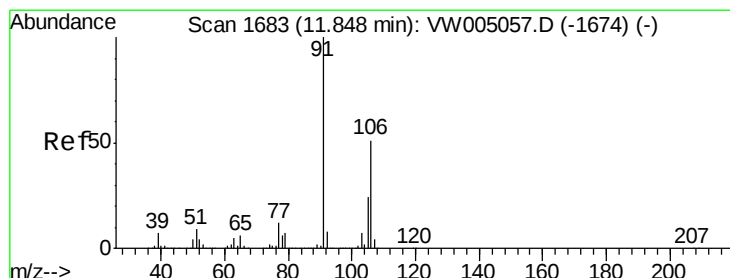
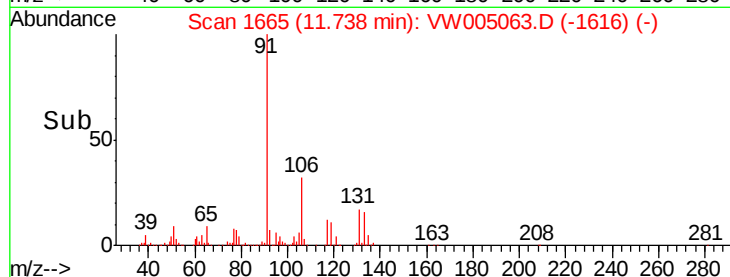
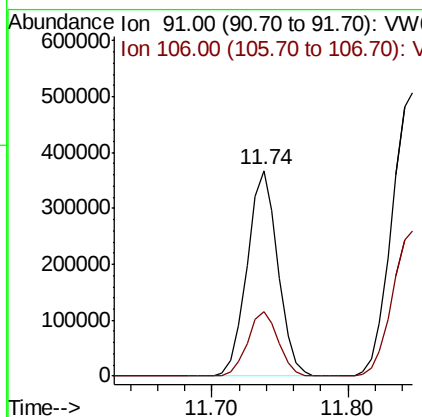
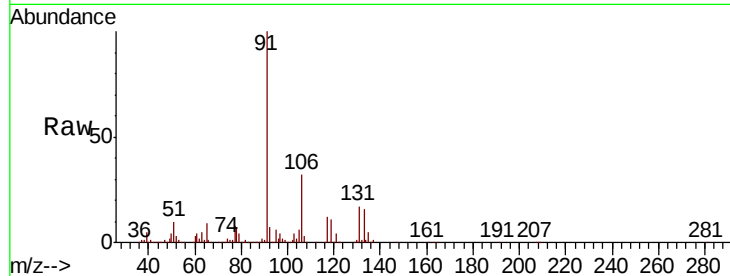
#67
Ethyl Benzene
Concen: 19.79 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampled :
VW0901SBS01

Tot Ion	91	Resp	582431
Ion Ratio	100	Lower	Upper
106	31.5	25.3	37.9

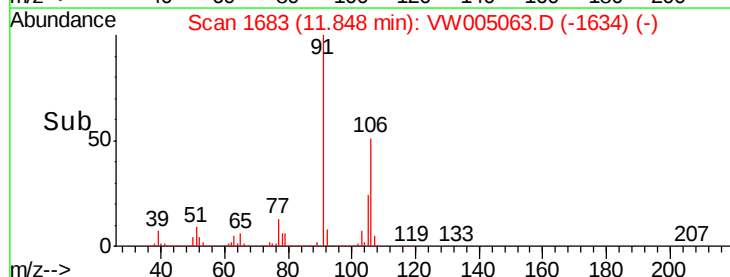
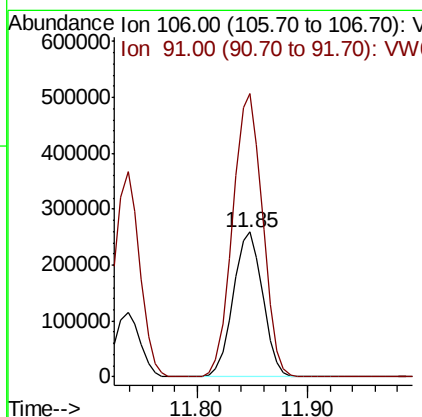
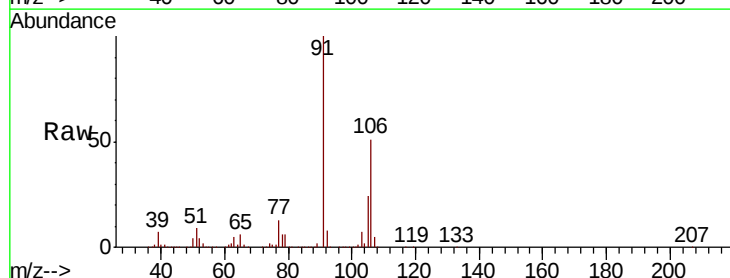
Manual Integrations
APPROVED

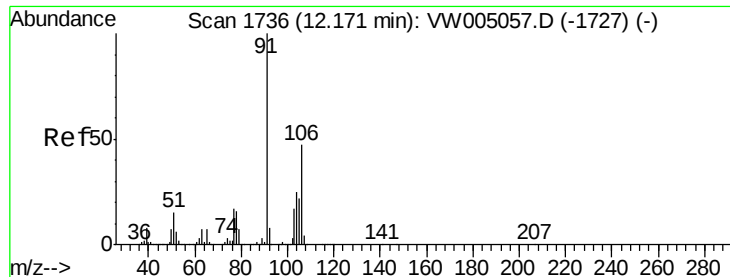
apatel
9/4/2018 9:37:24 AM



#68
m/p-Xylenes
Concen: 40.36 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	106	Resp	475661
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
91	197.7	158.4	237.6





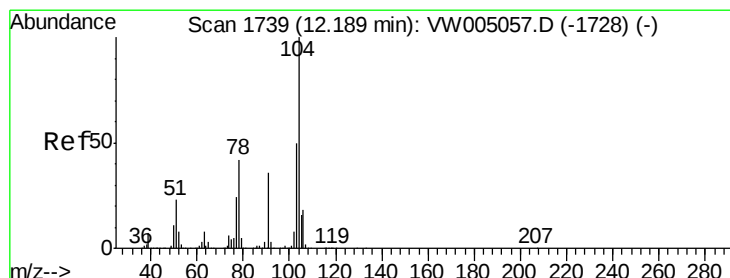
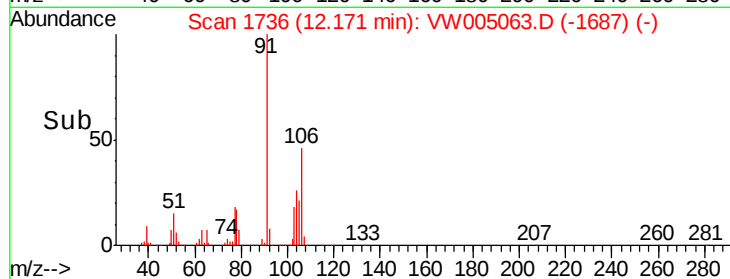
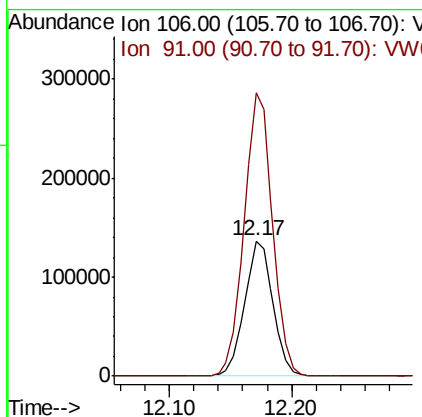
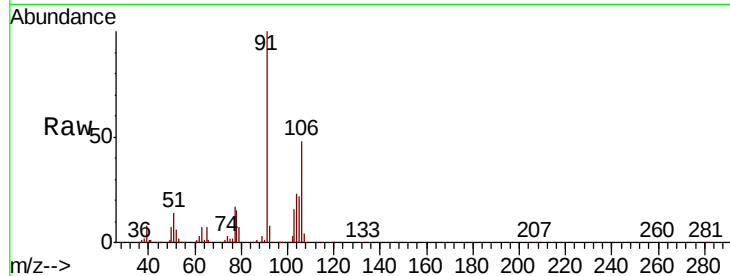
#69
o-Xylene
Concen: 20.03 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	218218		
91	91	210.7	105.6	316.8	

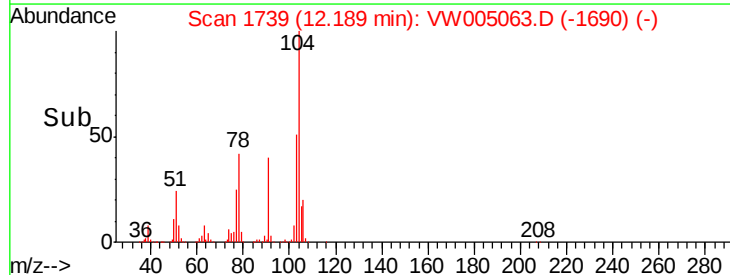
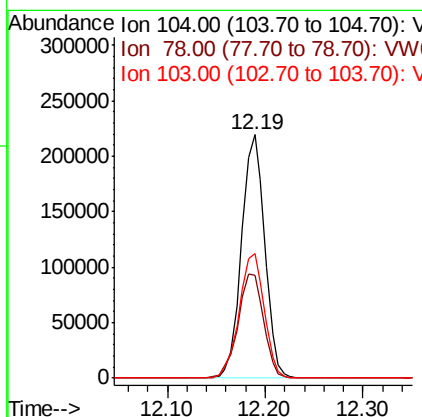
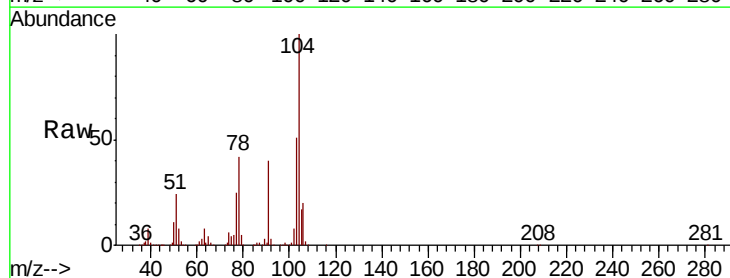
Manual Integrations
APPROVED

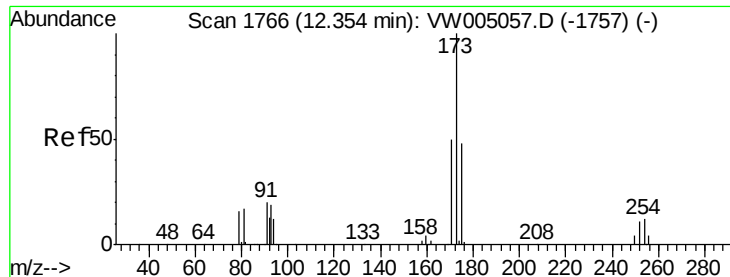
apatel
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#70
Styrene
Concen: 20.14 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	362498		
78	78	47.0	37.8	56.6	
103	103	55.1	44.1	66.1	





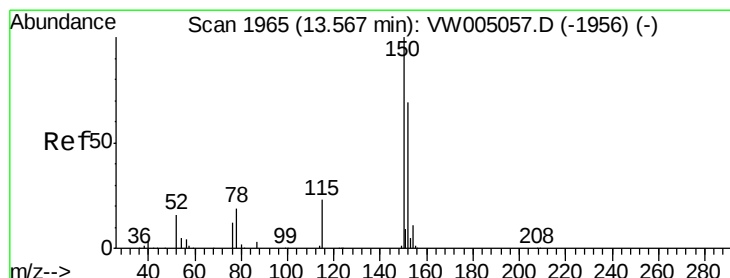
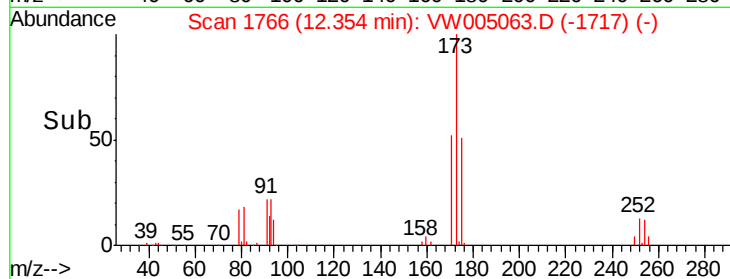
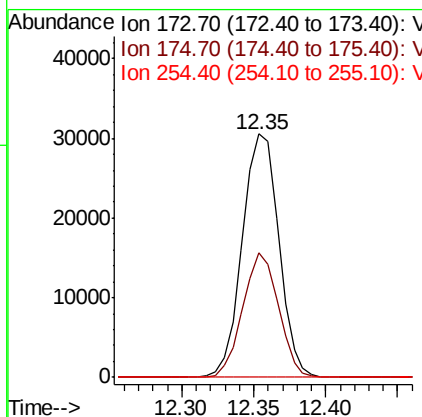
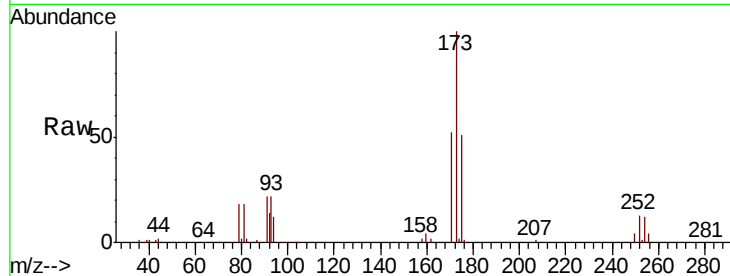
#71
Bromoform
Concen: 19.03 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.1	72.2
254	0.0	0.2	0.2

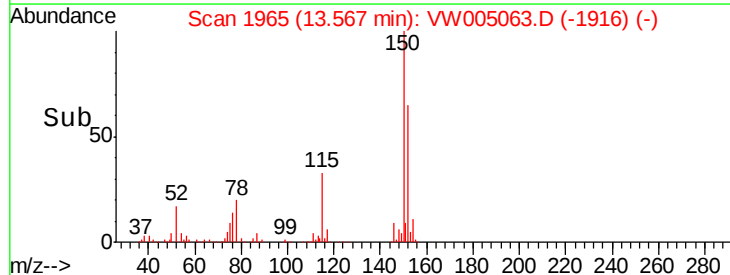
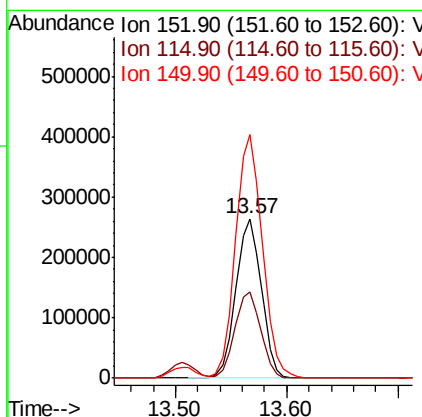
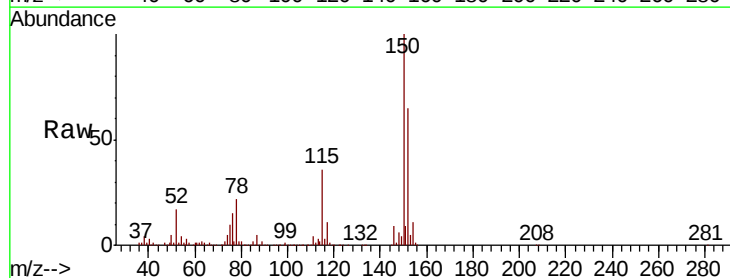
Manual Integrations
APPROVED

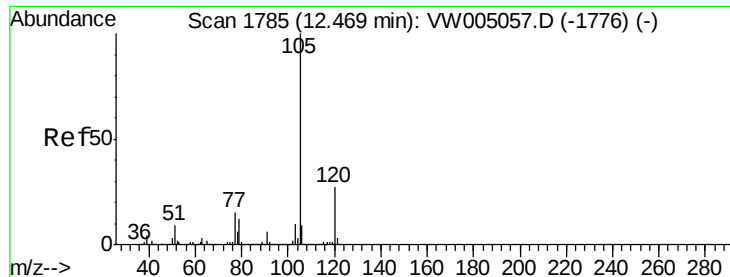
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.8	83.4
150	160.9	0.0	351.4





#73

Isopropylbenzene

Concen: 19.97 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tot Ion: 105 Resp: 587529

Ion Ratio Lower Upper

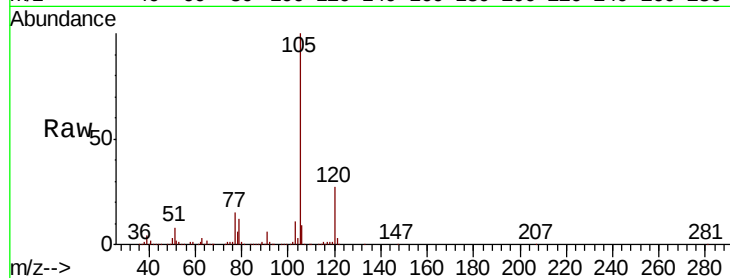
105 100

120 26.6 13.4 40.1

Manual Integrations
APPROVED

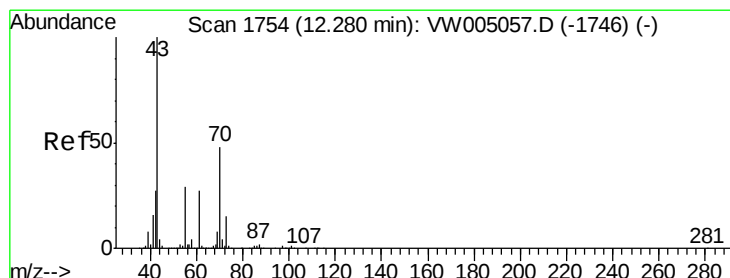
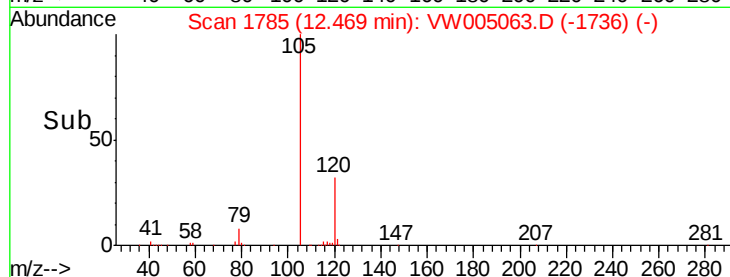
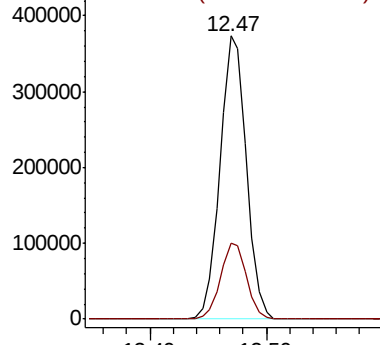
apatel

9/4/2018 9:37:24 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.51 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Tgt Ion: 43 Resp: 88703

Ion Ratio Lower Upper

43 100

70 47.3 38.2 57.4

55 30.2 23.2 34.8

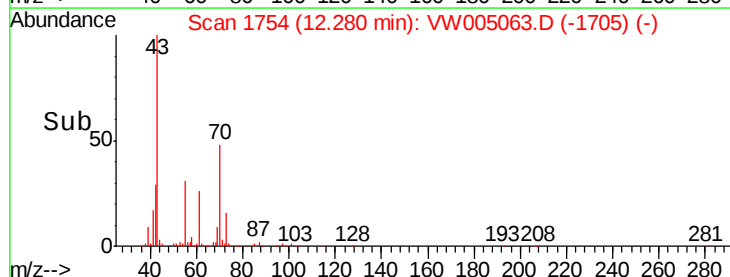
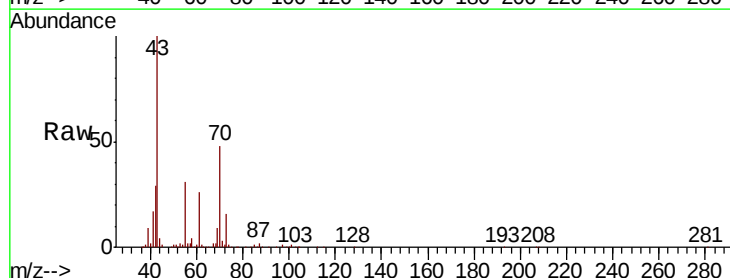
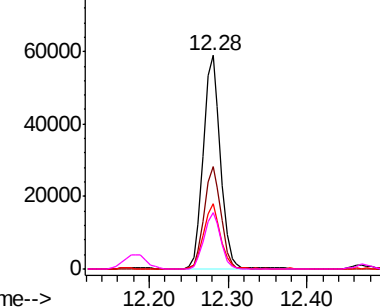
61 26.1 20.6 31.0

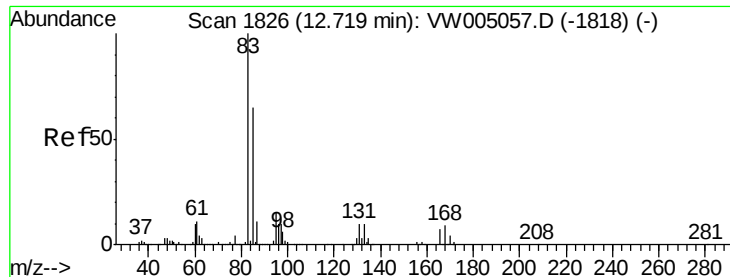
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 18.97 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

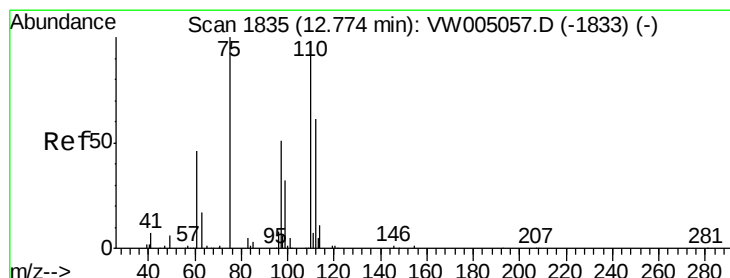
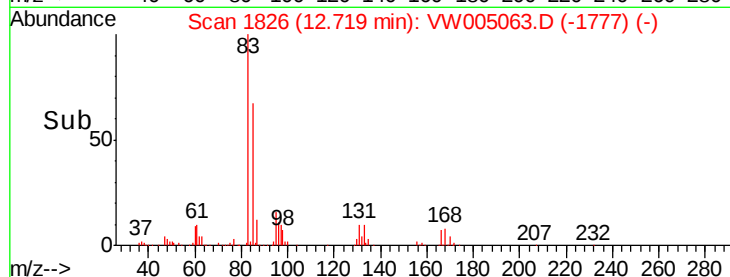
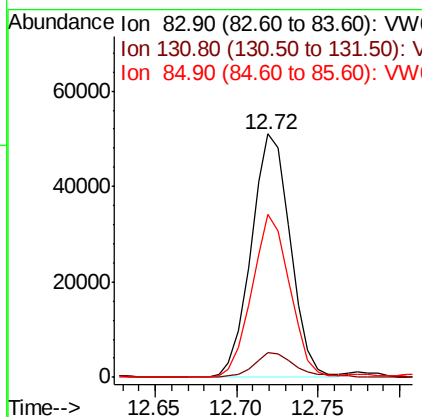
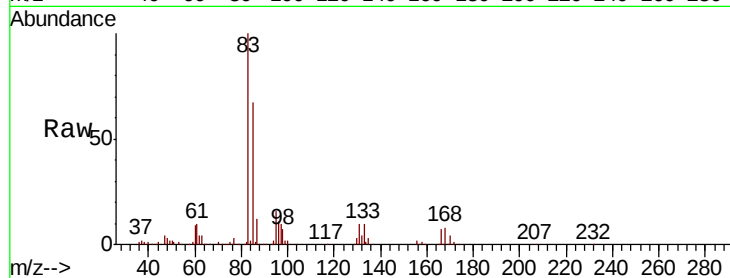
ClientSampleId :

VW0901SBS01

Tot Ion:	83	Resp:	84930
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.4
85	64.8	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 18.05 ug/l m

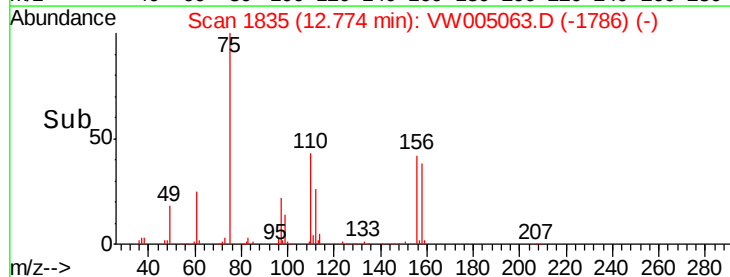
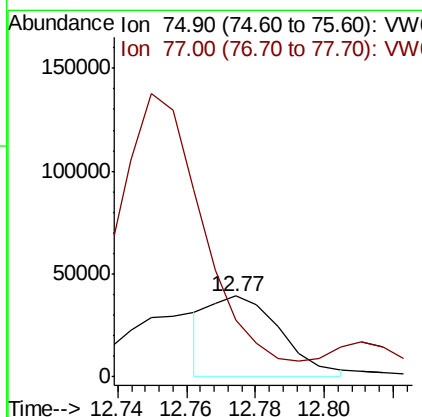
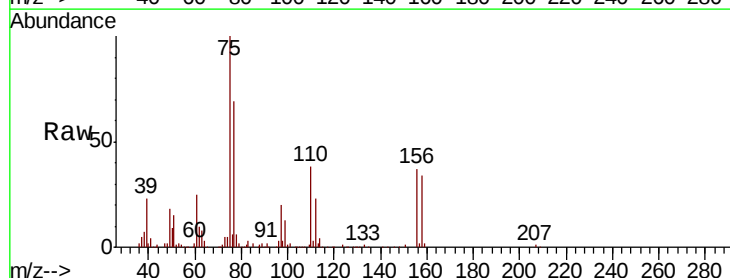
RT: 12.77 min Scan# 1835

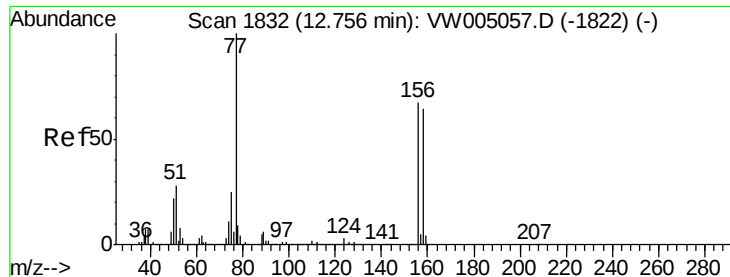
Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Tgt Ion:	75	Resp:	56519
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





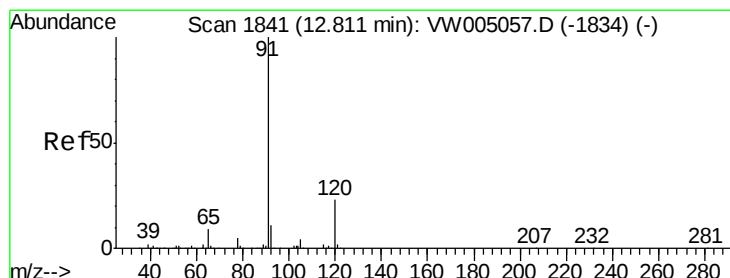
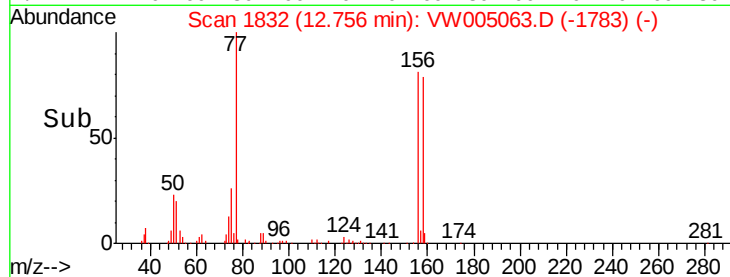
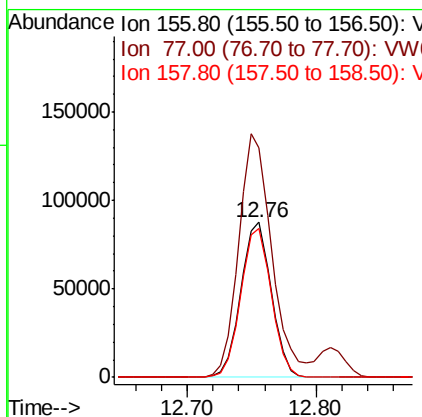
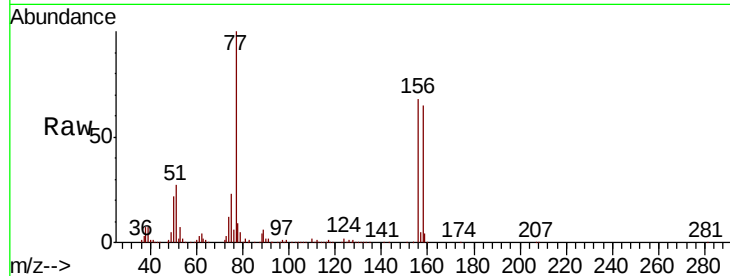
#77
Bromobenzene
Concen: 19.71 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	171.0	85.8	257.4
158	96.7	48.1	144.4

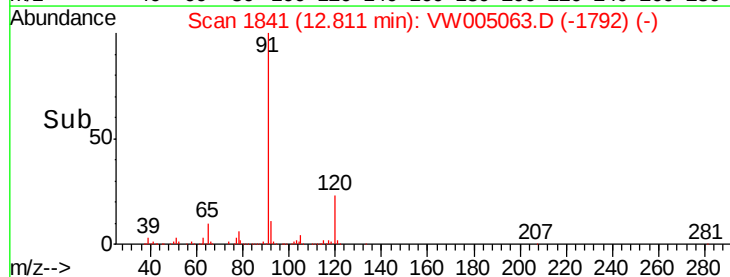
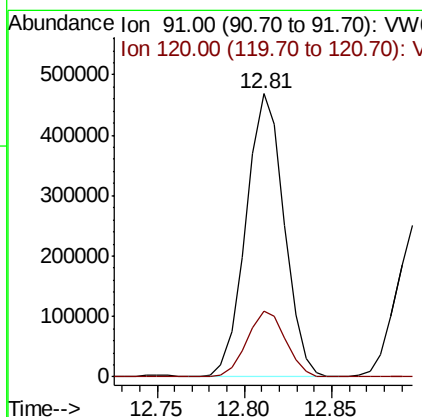
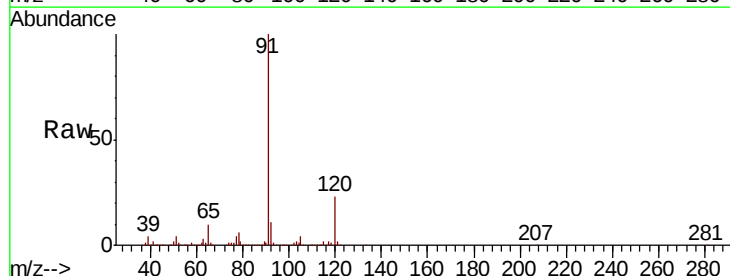
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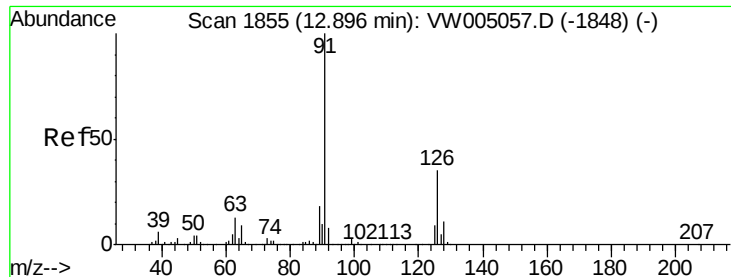
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#78
n-propylbenzene
Concen: 20.01 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.75 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tot Ion: 91 Resp: 409050

Ion Ratio Lower Upper

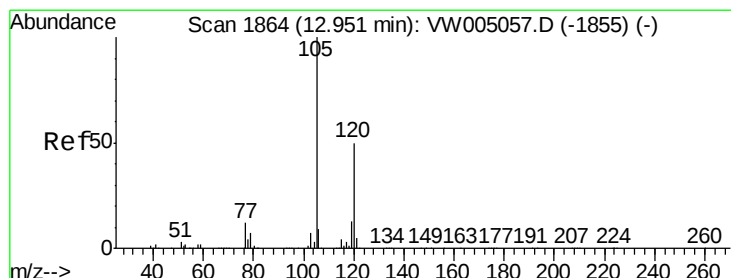
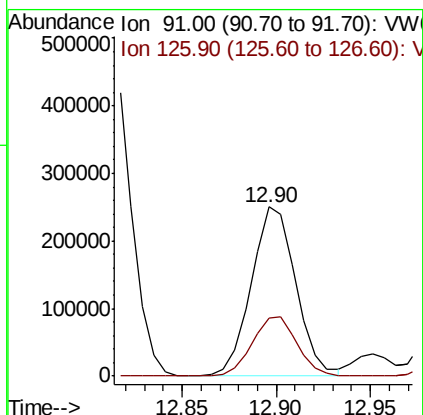
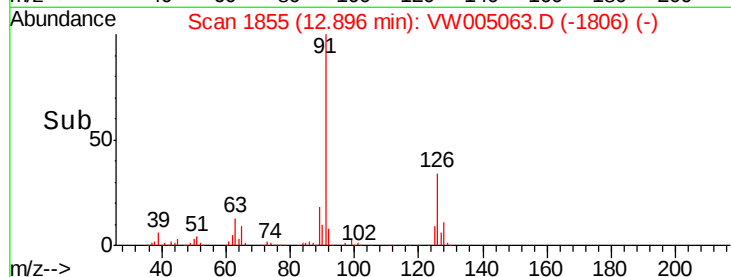
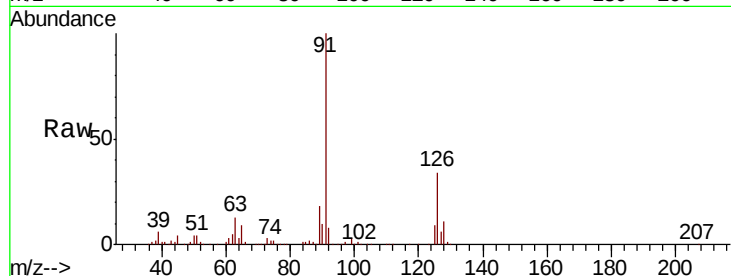
91 100

126 35.2 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.08 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW005063.D

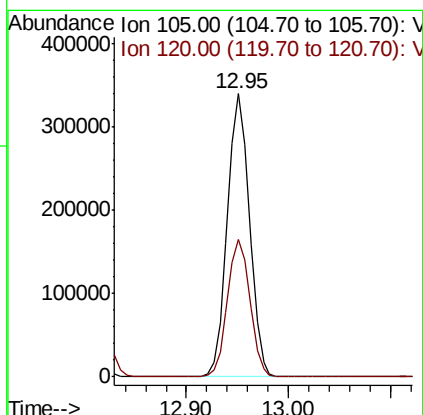
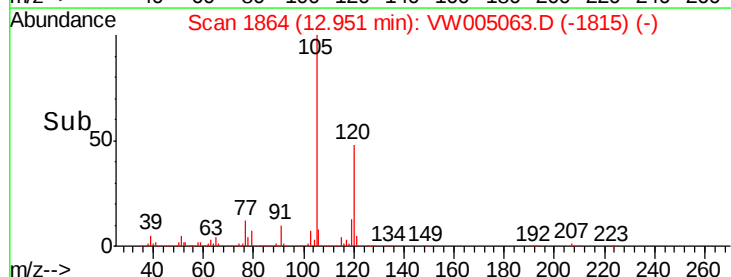
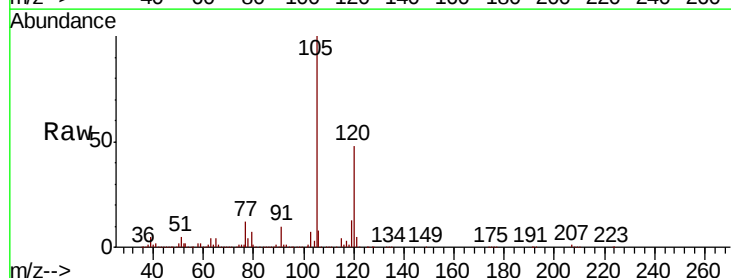
Acq: 01 Sep 2018 04:27

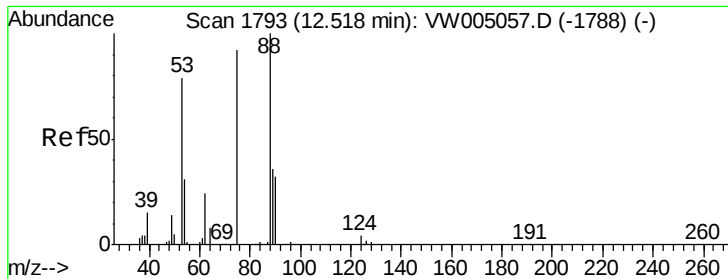
Tgt Ion:105 Resp: 510869

Ion Ratio Lower Upper

105 100

120 49.1 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.84 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tot Ion: 75 Resp: 23208

Ion Ratio Lower Upper

75 100

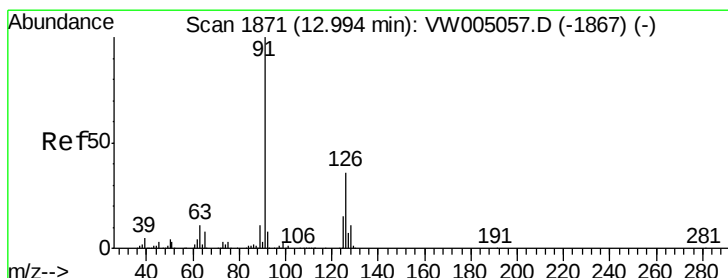
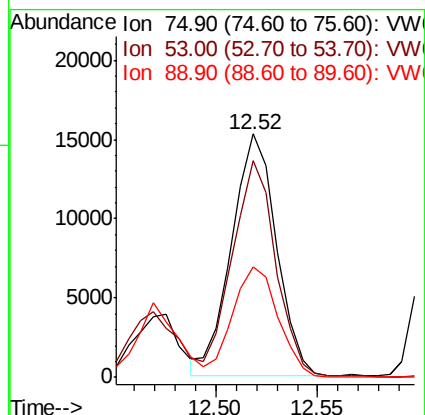
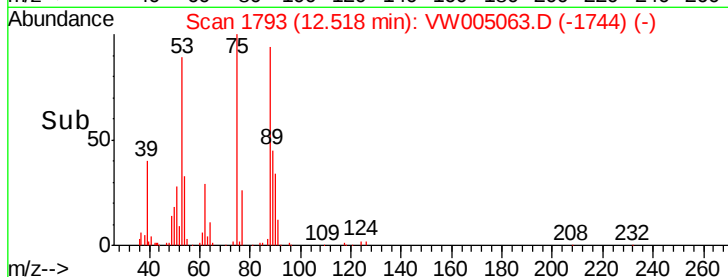
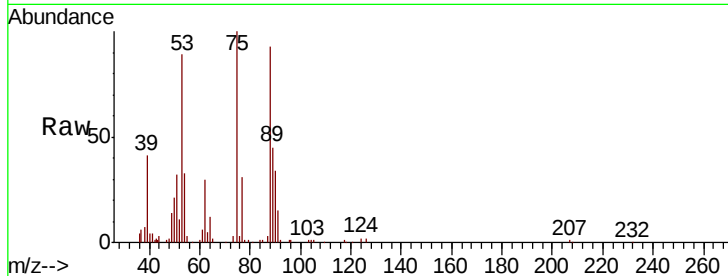
53 87.6 69.8 104.8

89 46.7 36.0 54.0

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#82

4-Chlorotoluene

Concen: 20.13 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW005063.D

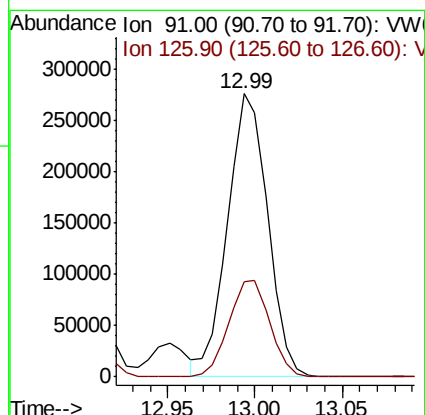
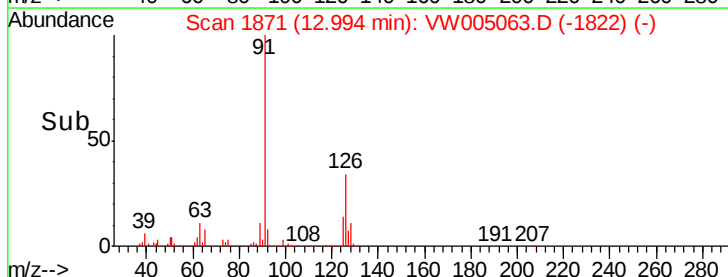
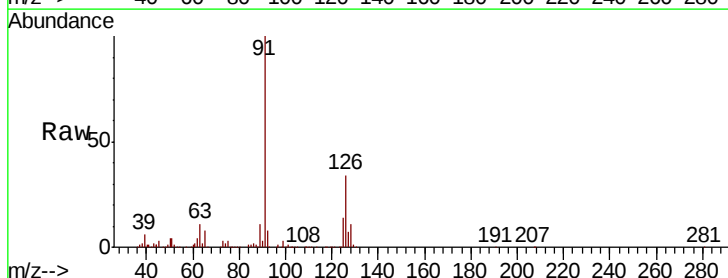
Acq: 01 Sep 2018 04:27

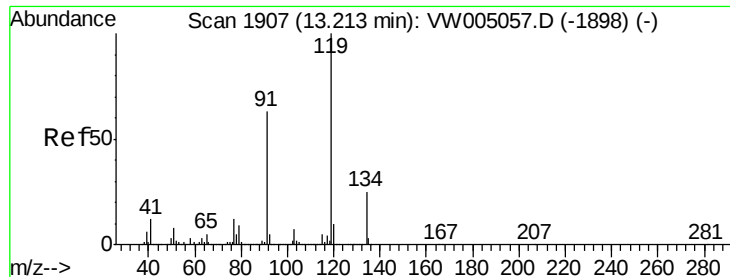
Tgt Ion: 91 Resp: 440438

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.3





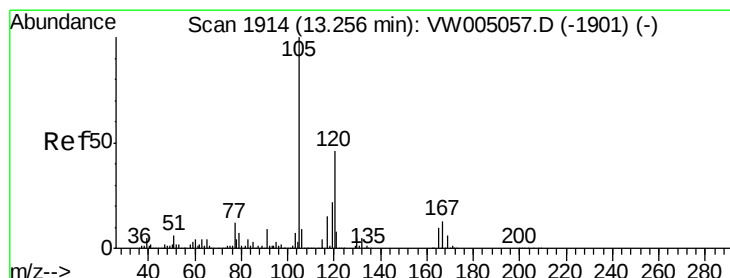
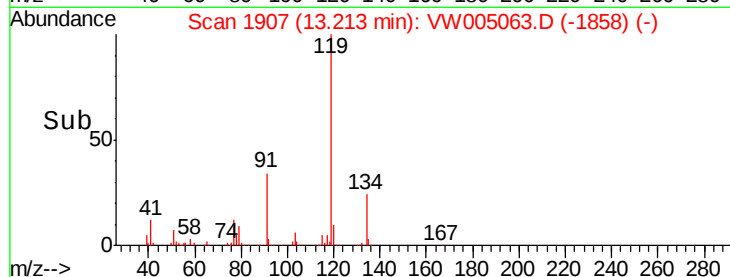
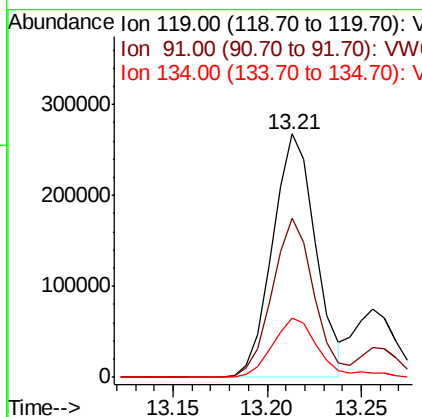
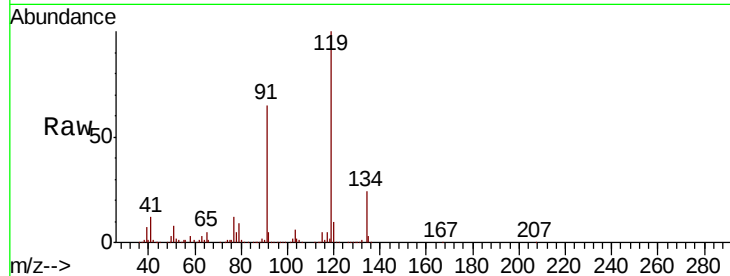
#83
tert-Butylbenzene
Concen: 19.92 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.9	31.8	95.4
134	26.5	13.0	39.0

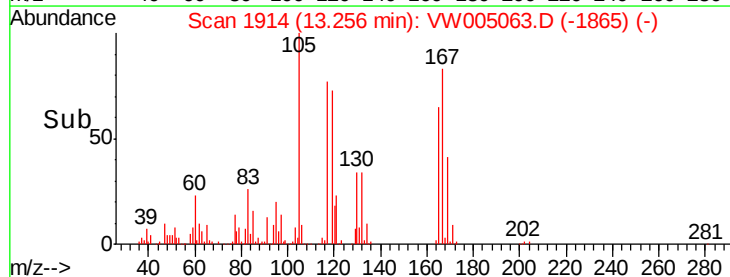
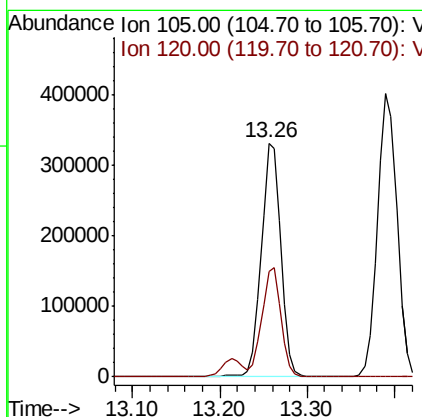
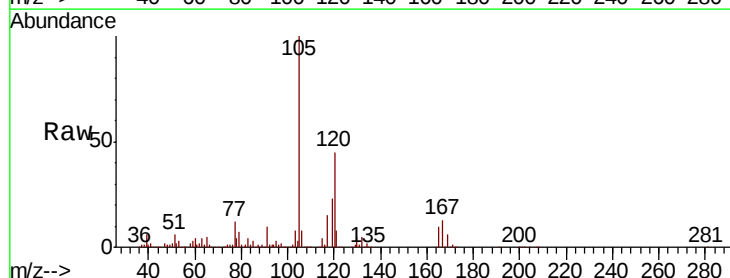
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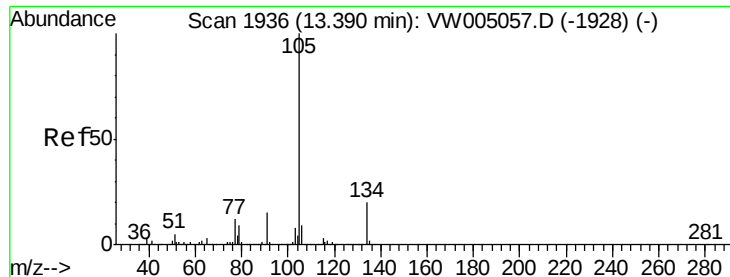
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#84
1,2,4-Trimethylbenzene
Concen: 20.00 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3





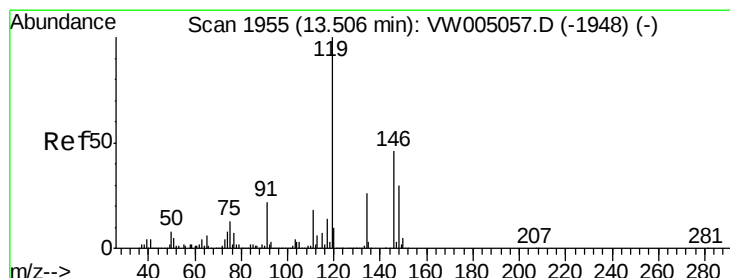
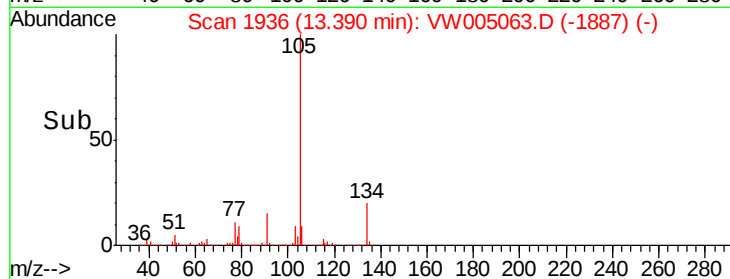
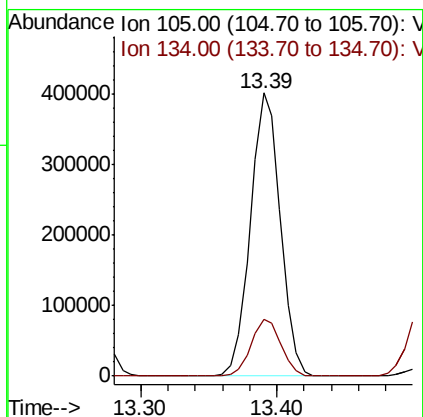
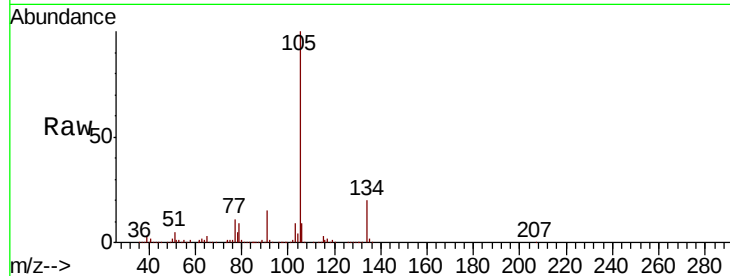
#85
 sec-Butylbenzene
 Concen: 19.83 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.3

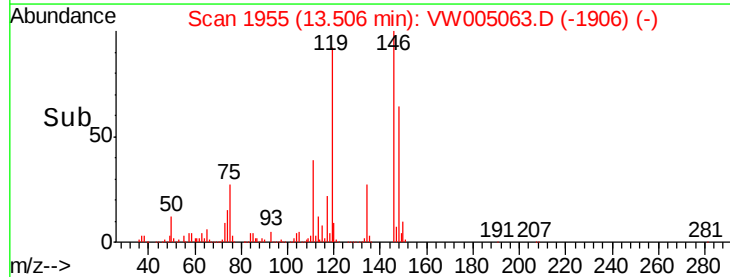
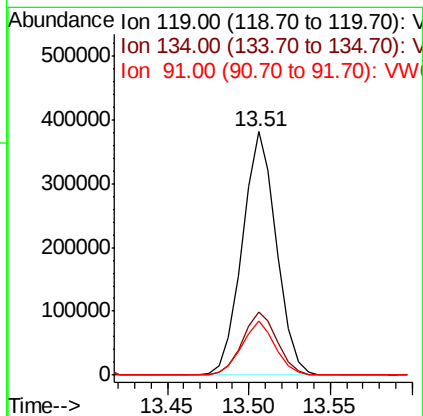
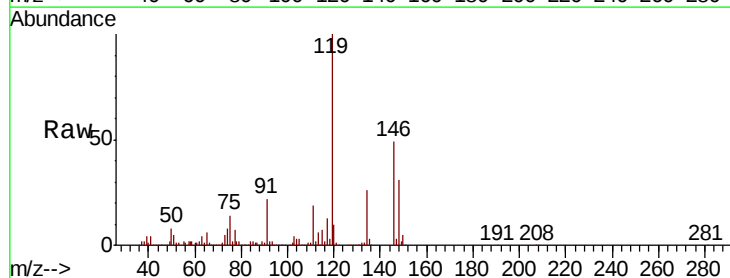
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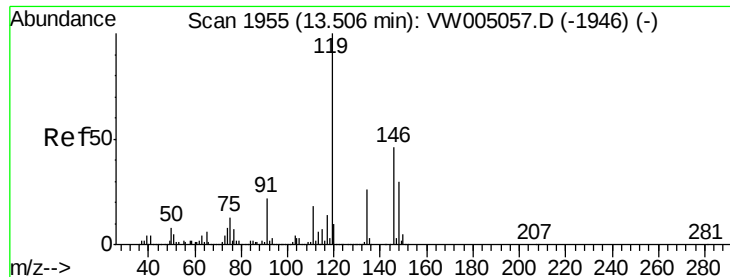
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#86
 p-Isopropyltoluene
 Concen: 20.02 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.3	39.8
91	21.7	10.9	32.9





#87

1,3-Dichlorobenzene

Concen: 19.66 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

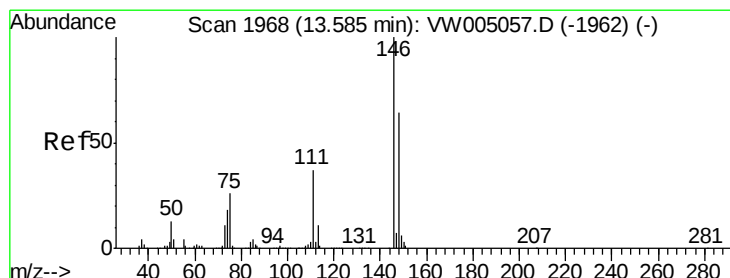
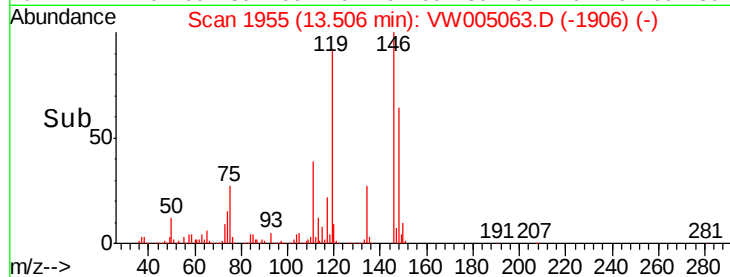
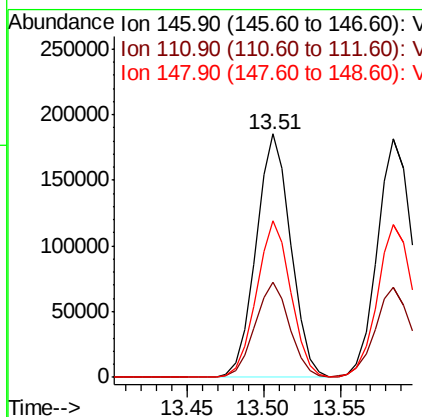
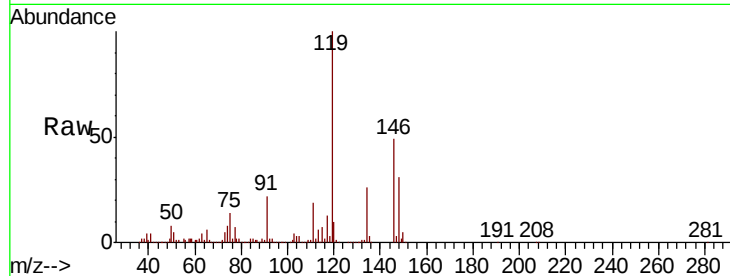
Instrument :
MSVOA_W

ClientSampleId :
VW0901SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	292713		
111	38.8	19.2	57.6	
148	63.6	31.9	95.7	

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#88

1,4-Dichlorobenzene

Concen: 19.49 ug/l

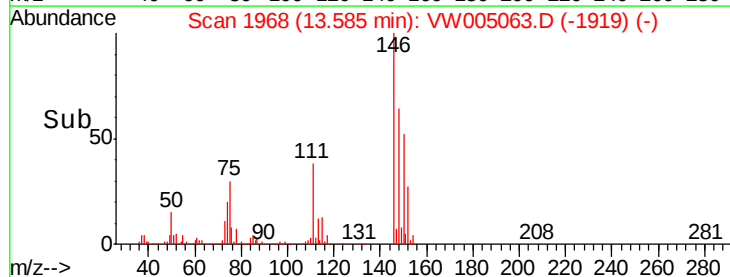
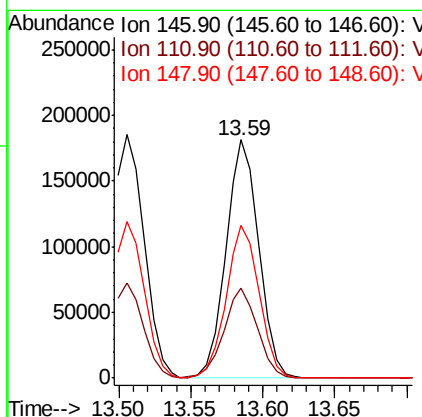
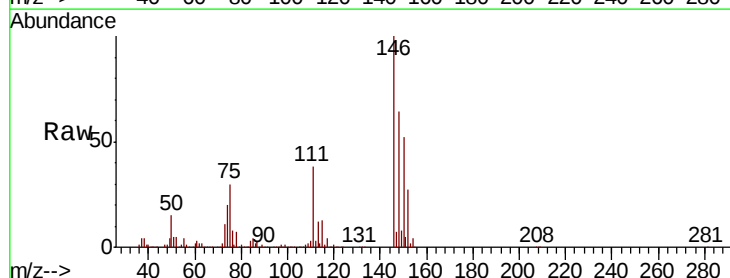
RT: 13.59 min Scan# 1968

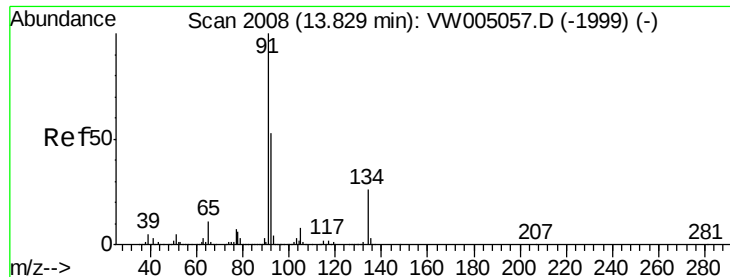
Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	287842		
111	38.7	18.6	56.0	
148	64.5	32.0	96.0	





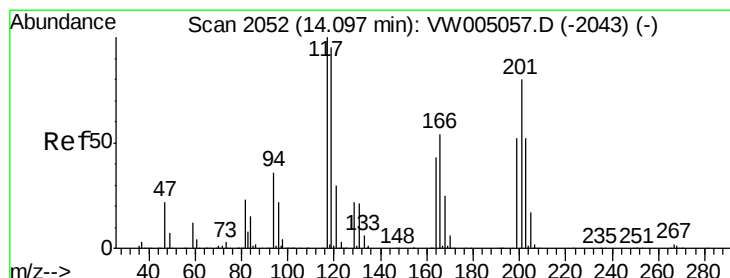
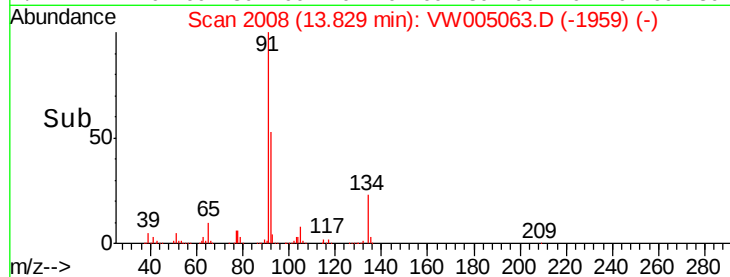
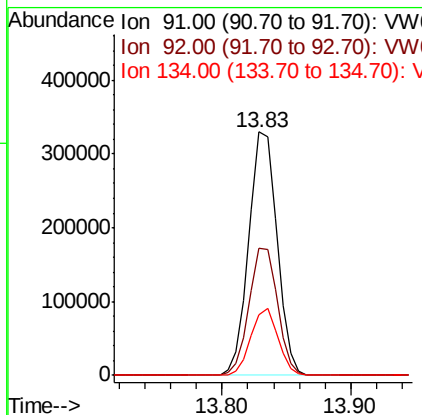
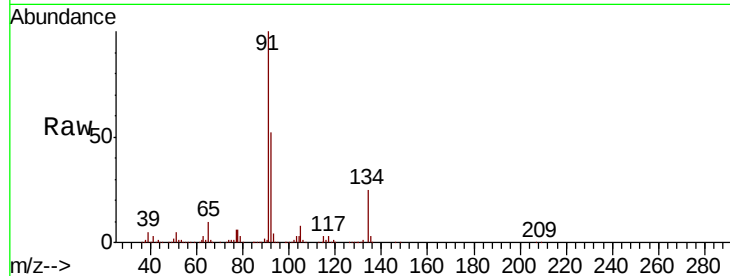
#89
n-Butylbenzene
Concen: 19.49 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	499115		
92	52.8	26.5	79.5	
134	26.5	13.5	40.4	

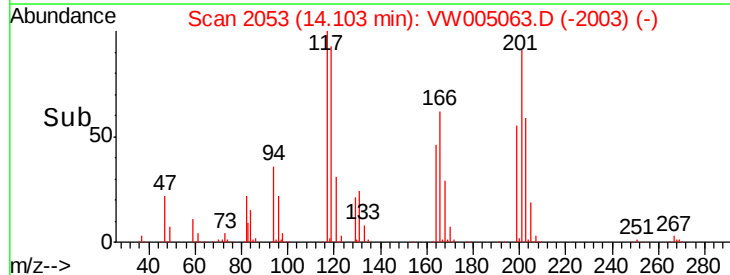
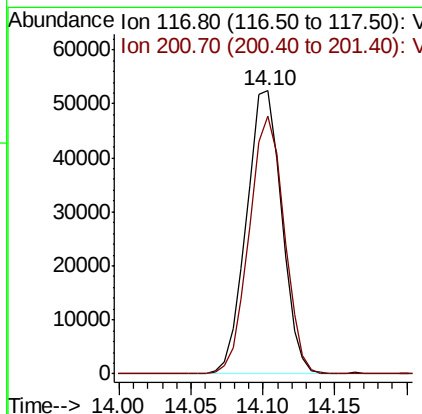
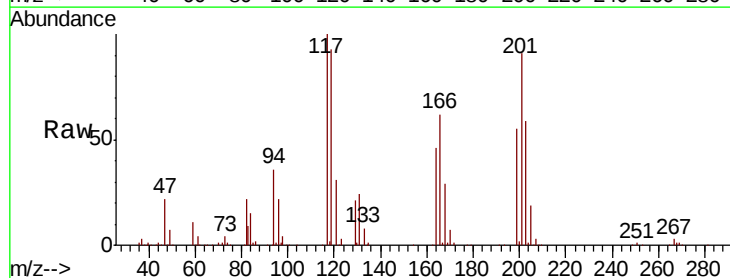
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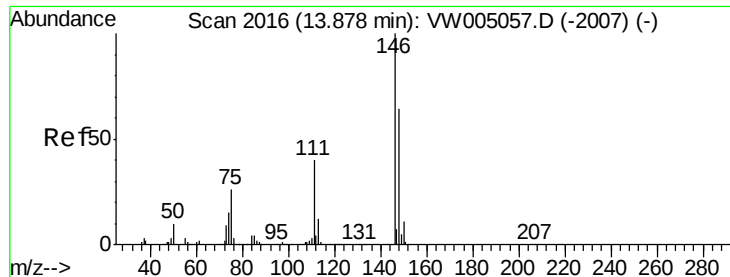
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#90
Hexachloroethane
Concen: 19.40 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	89026		
201	89.7	44.6	133.8	





#91

1,2-Dichlorobenzene

Concen: 19.81 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

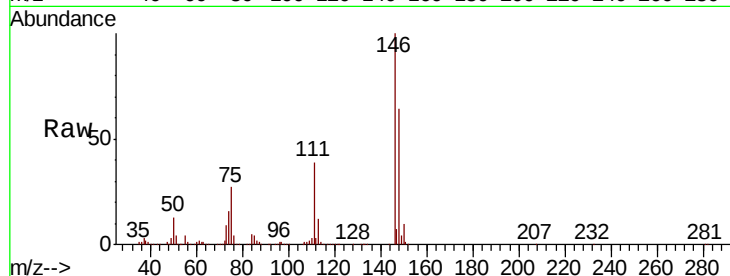
ClientSampleId :

VW0901SBS01

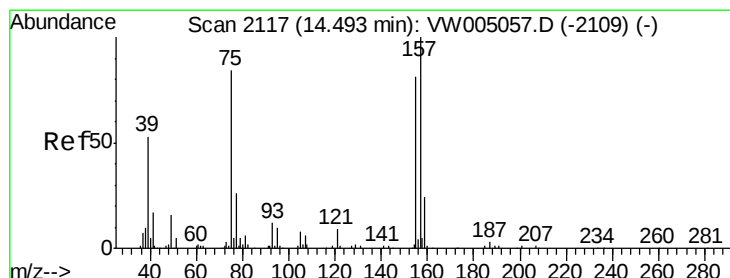
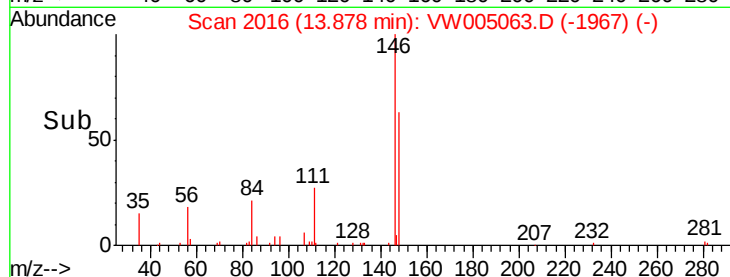
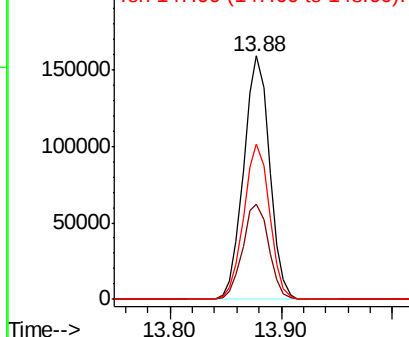
Tot Ion:	146	Resp:	256990
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.9	59.7
148	63.4	31.9	95.9

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.64 ug/l

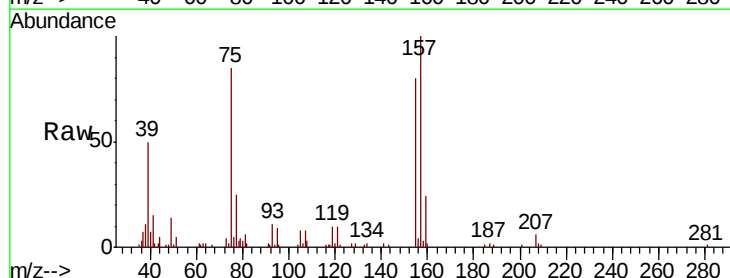
RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

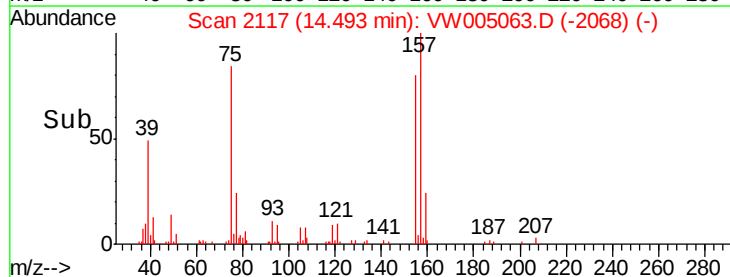
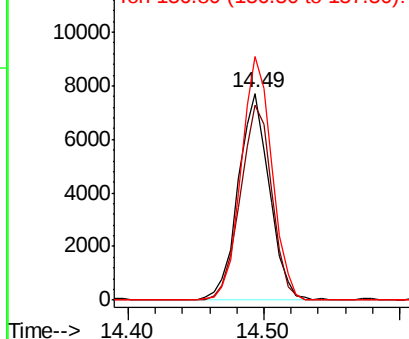
Lab File: VW005063.D

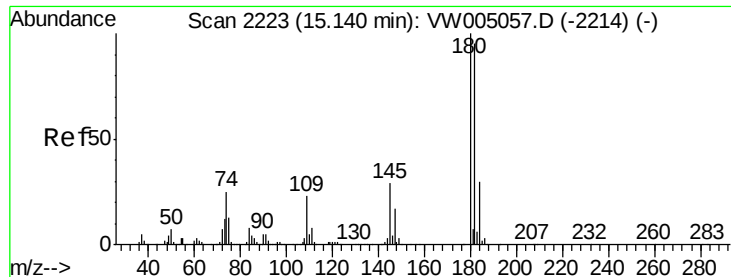
Acq: 01 Sep 2018 04:27

Tgt Ion:	75	Resp:	12345
Ion Ratio	Lower	Upper	
75	100		
155	94.9	46.0	137.8
157	116.0	58.6	175.7



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





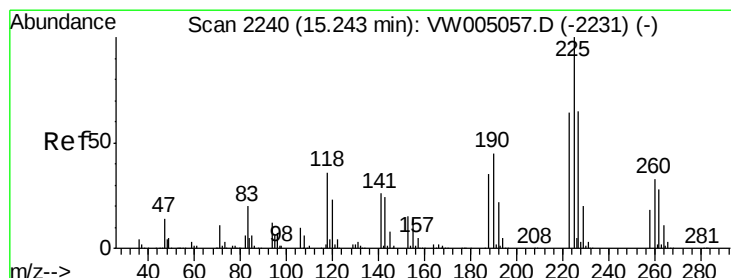
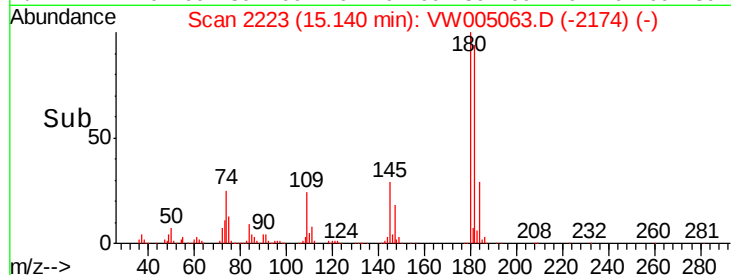
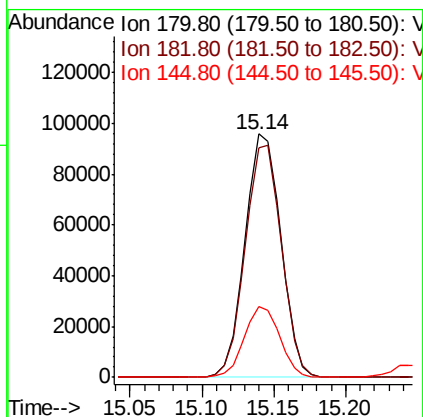
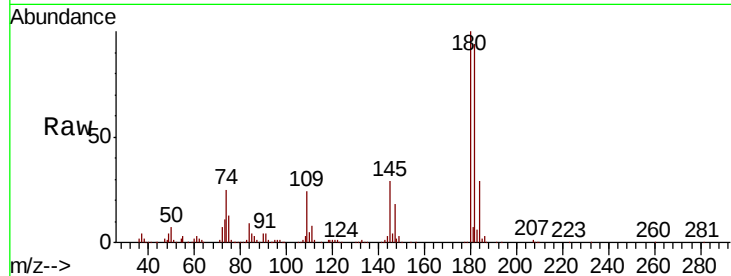
#93
 1,2,4-Trichlorobenzene
 Concen: 19.00 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	165280		
182	96.1	47.5	142.6	
145	28.5	14.4	43.2	

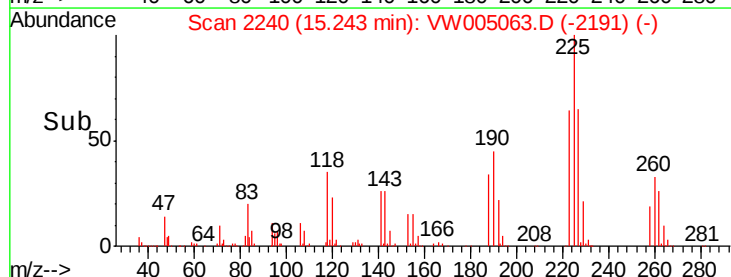
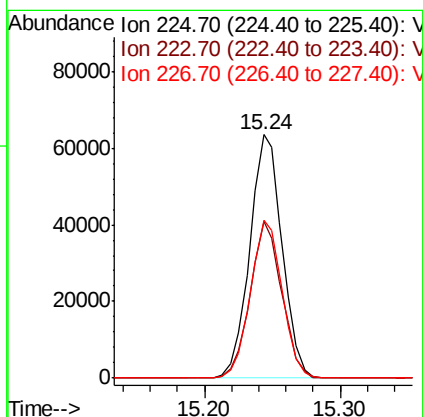
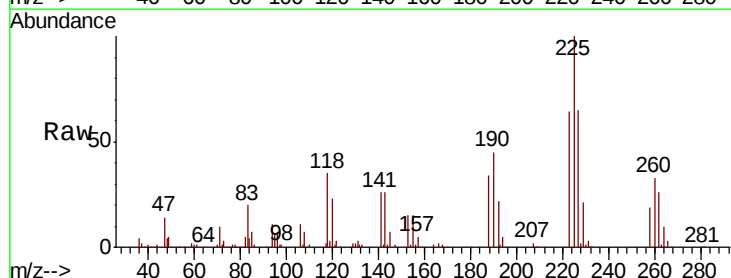
Manual Integrations
 APPROVED

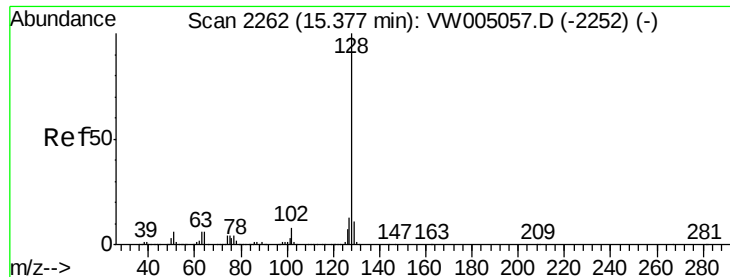
apatel
 9/4/2018 9:37:24 AM



#94
 Hexachlorobutadiene
 Concen: 19.51 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	105563		
223	62.9	31.4	94.3	
227	63.7	32.0	96.0	





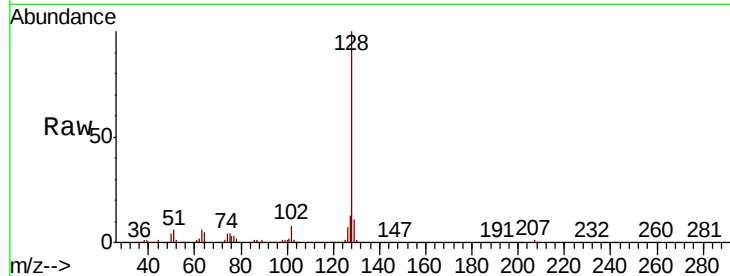
#95
Naphthalene
Concen: 18.96 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
9/4/2018 9:37:24 AM

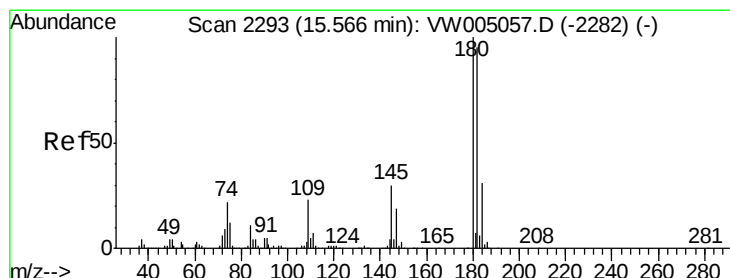
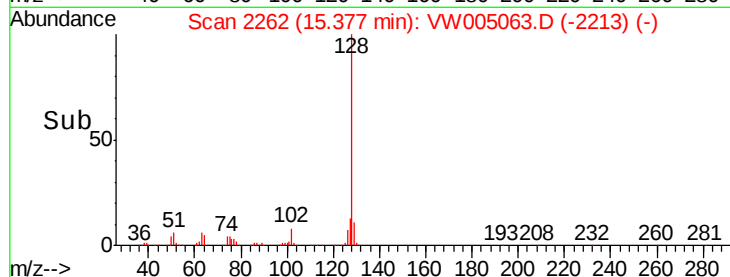
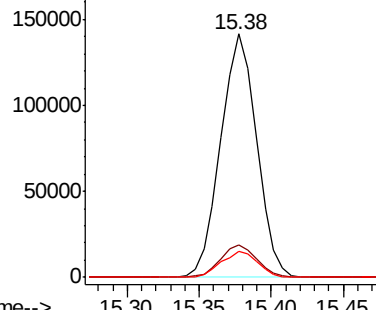


Abundance

Ion 128.00 (127.70 to 128.70): V

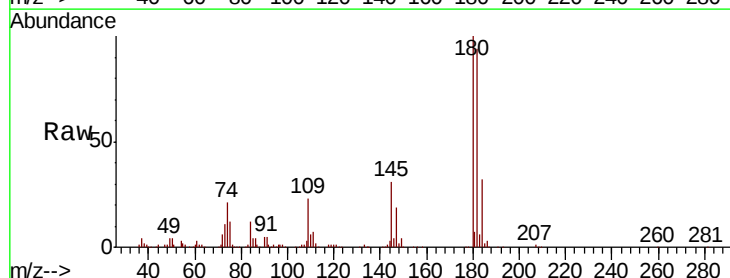
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.62 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.3
145	30.9	15.4	46.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

