

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005578.D
 Acq On : 24 Sep 2018 12:21
 Operator : VA/AP
 Sample : VW0924SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBS01

Manual Integrations
 APPROVED

apatel
 9/25/2018 11:55:13 AM

Quant Time: Sep 24 16:19:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	311128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	285386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	155734	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125385	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	7.89	113	107609	55.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.00%	
50) Toluene-d8	10.33	98	446762	56.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.16%	
62) 4-Bromofluorobenzene	12.63	95	160905	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31750	22.864	ug/l	97
3) Chloromethane	2.21	50	31325	18.183	ug/l	99
4) Vinyl Chloride	2.37	62	45207	21.953	ug/l	98
5) Bromomethane	2.79	94	29884	21.474	ug/l	97
6) Chloroethane	2.93	64	28163	21.314	ug/l	96
7) Trichlorofluoromethane	3.26	101	38870	24.134	ug/l	98
8) Diethyl Ether	3.68	74	20226	19.225	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45352	22.245	ug/l	96
10) Methyl Iodide	4.26	142	65870	21.009	ug/l	99
11) Tert butyl alcohol	5.21	59	12182	91.953	ug/l #	89
12) 1,1-Dichloroethene	4.04	96	41979	21.508	ug/l	97
13) Acrolein	3.90	56	10547	109.970	ug/l	95
14) Allyl chloride	4.67	41	66212	19.438	ug/l	96
15) Acrylonitrile	5.37	53	40675	87.078	ug/l	98
16) Acetone	4.14	43	45878	110.318	ug/l	97
17) Carbon Disulfide	4.37	76	131780	21.609	ug/l	98
18) Methyl Acetate	4.68	43	19416	16.226	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	58333	19.363	ug/l	94
20) Methylene Chloride	4.91	84	48281	20.276	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	43418	20.310	ug/l	99
22) Diisopropyl ether	6.32	45	127838	19.333	ug/l	98
23) Vinyl Acetate	6.26	43	349947	92.592	ug/l	100
24) 1,1-Dichloroethane	6.21	63	82174	20.114	ug/l	99
25) 2-Butanone	7.18	43	52057	84.896	ug/l	97
26) 2,2-Dichloropropane	7.17	77	62556	21.933	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	47401	20.103	ug/l	100
28) Bromochloromethane	7.51	49	29942	18.502	ug/l	97
29) Tetrahydrofuran	7.54	42	31350	81.837	ug/l	98
30) Chloroform	7.68	83	85005	20.154	ug/l	99
31) Cyclohexane	7.96	56	79210	20.237	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	79638	21.374	ug/l	99
36) 1,1-Dichloropropene	8.09	75	68383	21.834	ug/l	99
37) Ethyl Acetate	7.26	43	24058	18.253	ug/l	99
38) Carbon Tetrachloride	8.07	117	77273	23.024	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81611	22.086	ug/l	99
40) Benzene	8.33	78	185937	20.953	ug/l	99
41) Methacrylonitrile	7.49	41	13341	17.787	ug/l	94
42) 1,2-Dichloroethane	8.40	62	57875	20.370	ug/l	99
43) Isopropyl Acetate	8.43	43	45615	17.603	ug/l	97
44) Trichloroethene	9.10	130	49417	21.756	ug/l	96
45) 1,2-Dichloropropane	9.38	63	43411	19.884	ug/l	98
46) Dibromomethane	9.46	93	21757	19.945	ug/l	99
47) Bromodichloromethane	9.65	83	59475	20.297	ug/l	99
48) Methyl methacrylate	9.44	41	22121	17.972	ug/l	94
49) 1,4-Dioxane	9.47	88	6709	386.844	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	114265	87.548	ug/l	99
52) Toluene	10.39	92	120135	21.697	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	59717	20.329	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	69521	21.122	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30815	19.901	ug/l	97
56) Ethyl methacrylate	10.65	69	35053	18.338	ug/l	99
57) 1,3-Dichloropropane	10.94	76	52478	19.123	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	84196	97.171	ug/l	97
59) 2-Hexanone	10.98	43	81036	91.397	ug/l	99
60) Dibromochloromethane	11.13	129	38245	20.442	ug/l	100
61) 1,2-Dibromoethane	11.24	107	28390	19.665	ug/l	96
64) Tetrachloroethene	10.87	164	44055	21.750	ug/l	96
65) Chlorobenzene	11.66	112	127617	21.064	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	45664	20.942	ug/l	98
67) Ethyl Benzene	11.74	91	229269	21.320	ug/l	97
68) m/p-Xylenes	11.85	106	178543	43.946	ug/l	100
69) o-Xylene	12.17	106	80476	21.150	ug/l	99
70) Styrene	12.19	104	134696	21.035	ug/l	100
71) Bromoform	12.35	173	23465	20.274	ug/l #	100
73) Isopropylbenzene	12.47	105	236686	21.916	ug/l	99
74) N-amyl acetate	12.28	43	42152	17.237	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	34031	18.971	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	29871m	22.501	ug/l	
77) Bromobenzene	12.76	156	53555	21.158	ug/l	97
78) n-propylbenzene	12.81	91	286384	21.903	ug/l	99
79) 2-Chlorotoluene	12.90	91	164033	21.684	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	206111	21.948	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11775	19.978	ug/l	97
82) 4-Chlorotoluene	12.99	91	173737	21.737	ug/l	99
83) tert-Butylbenzene	13.21	119	172532	21.869	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	210890	22.254	ug/l	99
85) sec-Butylbenzene	13.39	105	255279	22.310	ug/l	99
86) p-Isopropyltoluene	13.51	119	231728	22.594	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	110620	21.372	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	110426	21.452	ug/l	100
89) n-Butylbenzene	13.83	91	213860	22.107	ug/l	99
90) Hexachloroethane	14.10	117	39810	21.416	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	98230	21.499	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6321	18.495	ug/l	97

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Instrument :
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ClientSampleId :
VW0924SBS01

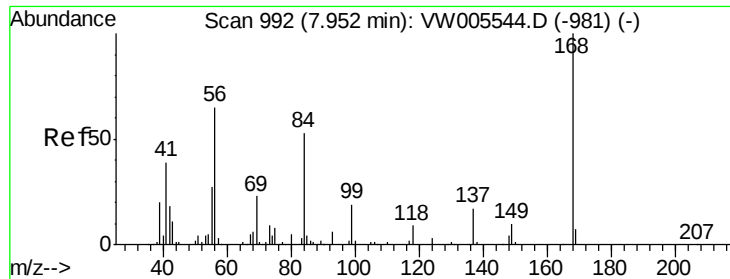
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	69492	21.321	ug/l	100
94) Hexachlorobutadiene	15.24	225	47799	22.637	ug/l	100
95) Naphthalene	15.38	128	106643	19.452	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	60580	21.090	ug/l	98

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



#1

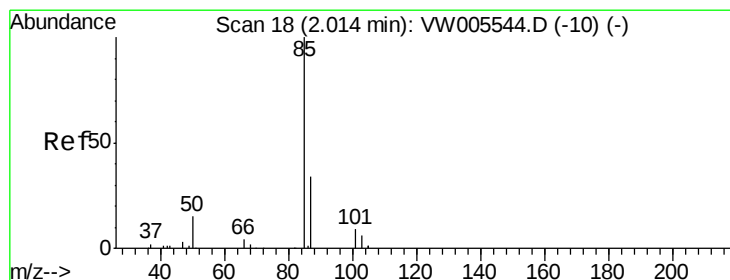
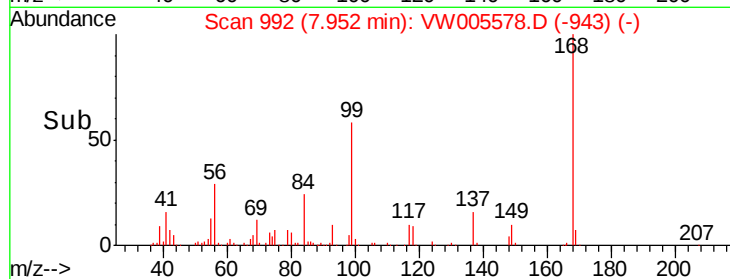
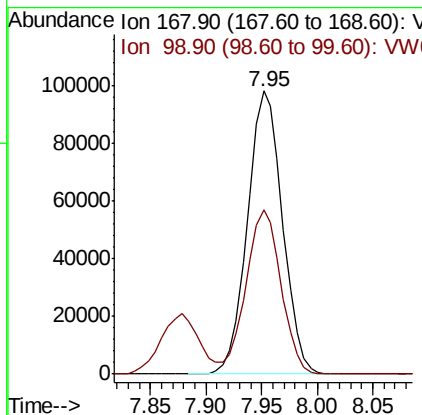
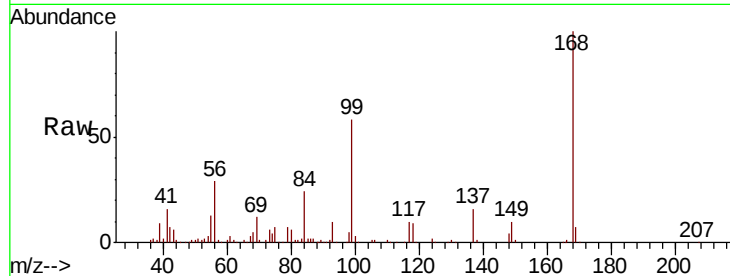
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.2	48.4	72.6

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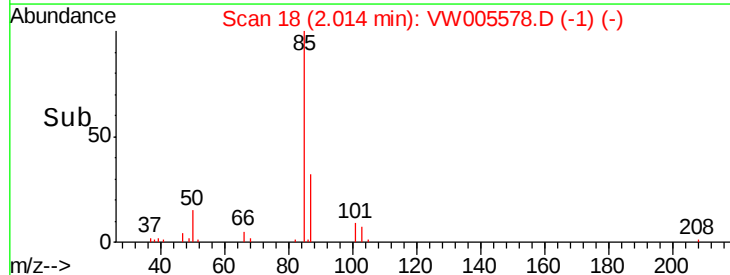
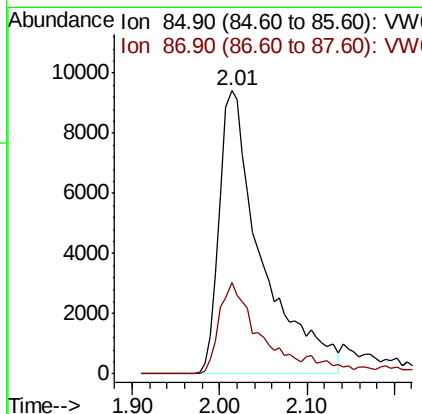
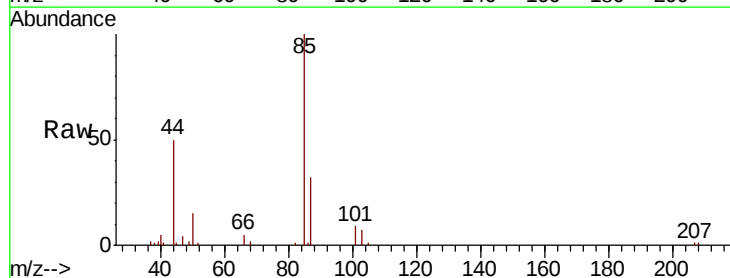
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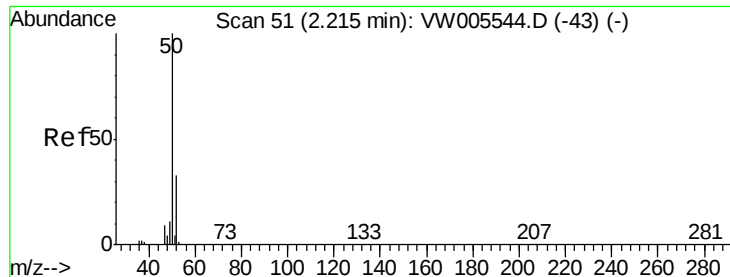


#2

Dichlorodifluoromethane
 Concen: 22.864 ug/l
 RT: 2.01 min Scan# 18
 Delta R.T. 0.00 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	17.0	50.9





#3

Chloromethane

Concen: 18.183 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

Tot Ion: 50 Resp: 31325

Ion Ratio Lower Upper

50 100

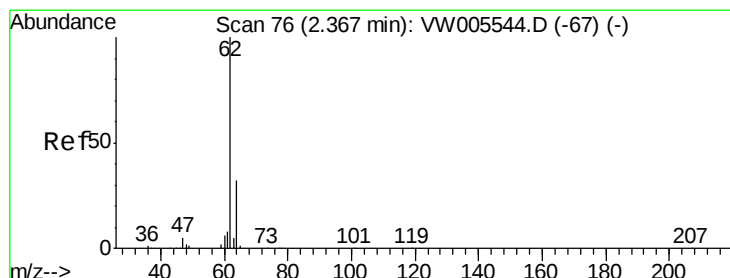
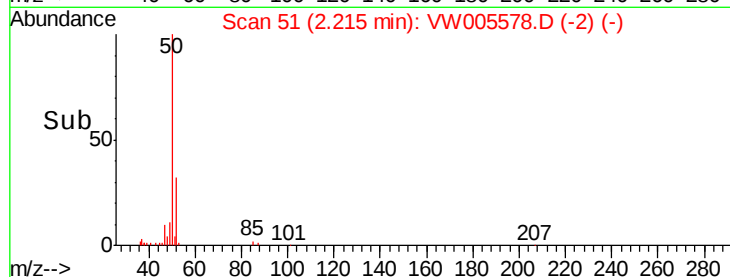
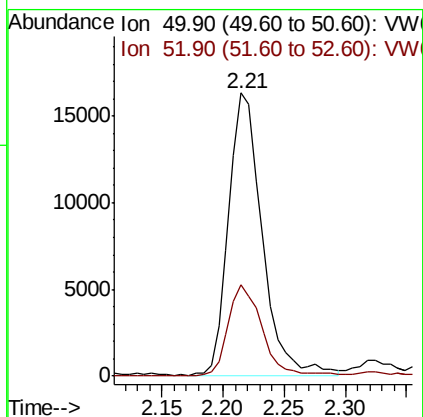
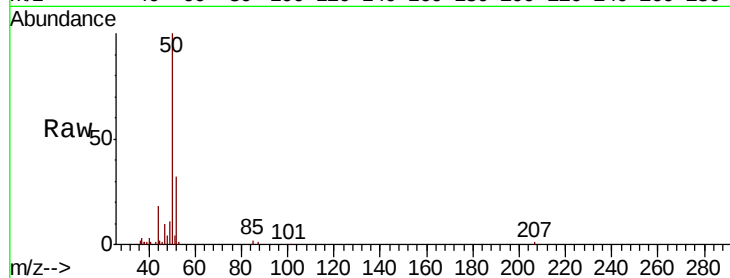
52 32.4 26.2 39.4

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#4

Vinyl Chloride

Concen: 21.953 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005578.D

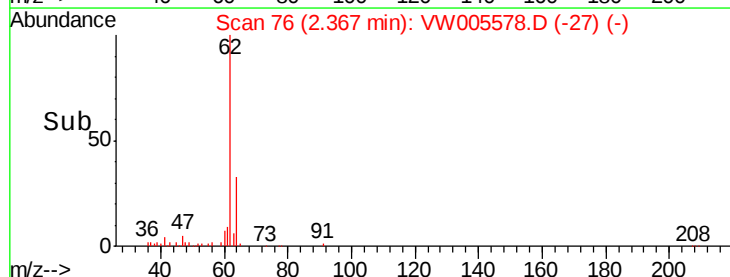
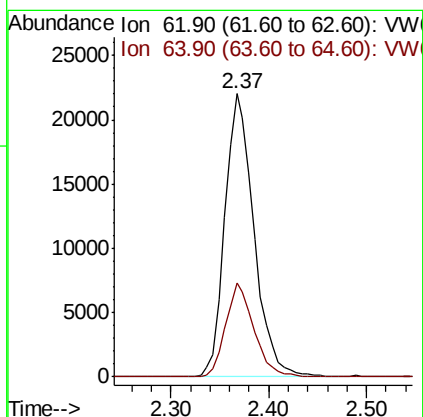
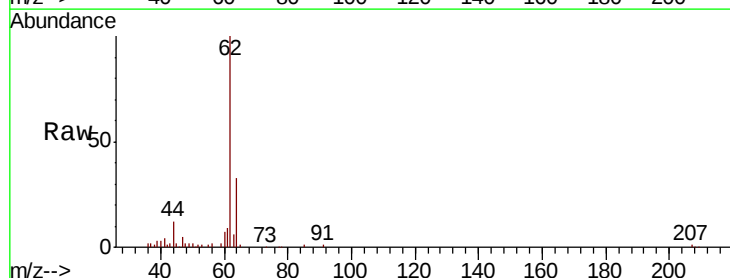
Acq: 24 Sep 2018 12:21

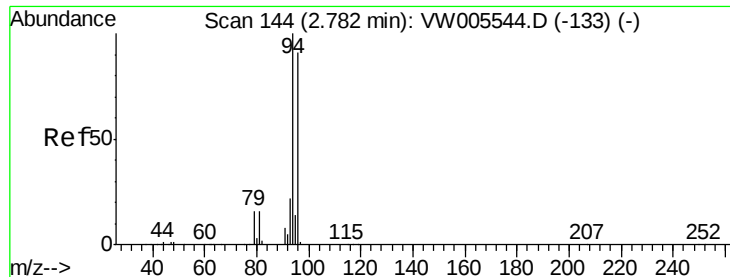
Tgt Ion: 62 Resp: 45207

Ion Ratio Lower Upper

62 100

64 33.1 25.7 38.5





#5

Bromomethane

Concen: 21.474 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

Tot Ion: 94 Resp: 29884

Ion Ratio Lower Upper

94 100

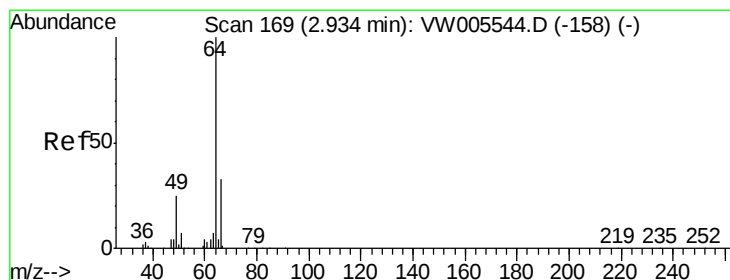
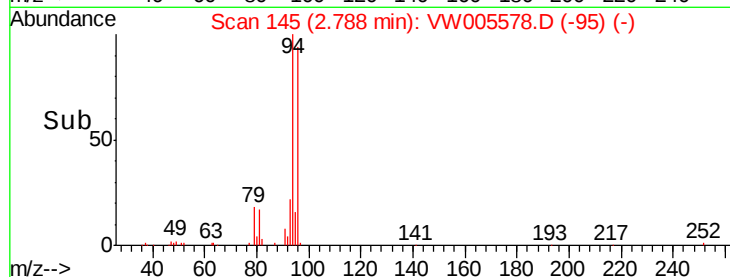
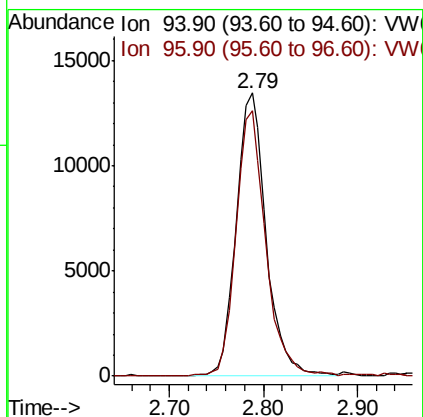
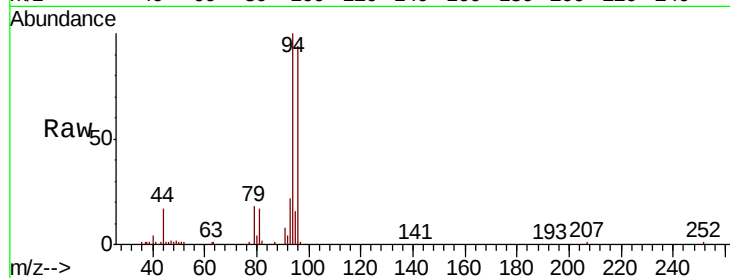
96 93.8 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 21.314 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005578.D

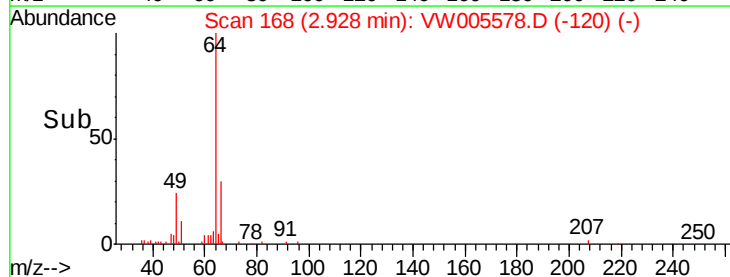
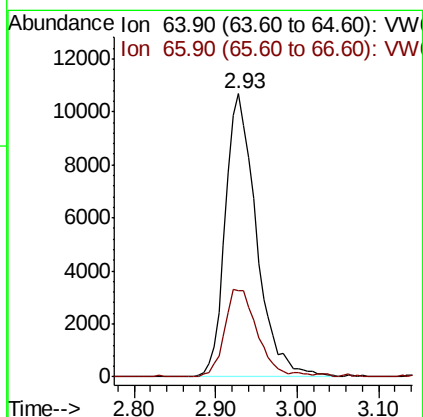
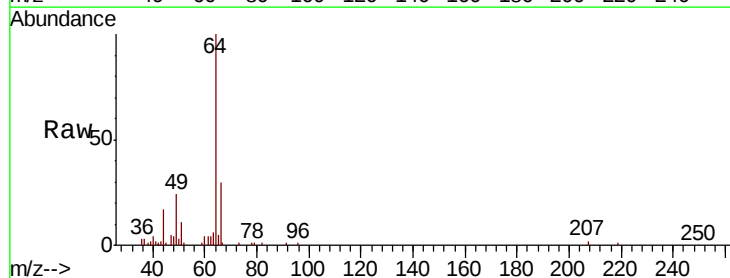
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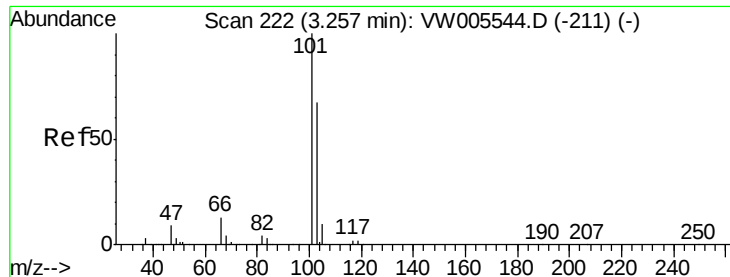
Tgt Ion: 64 Resp: 28163

Ion Ratio Lower Upper

64 100

66 30.3 26.0 39.0





#7

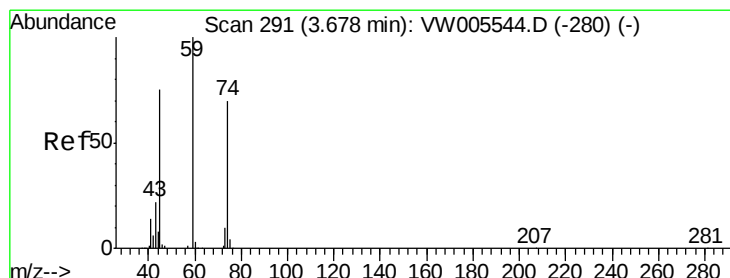
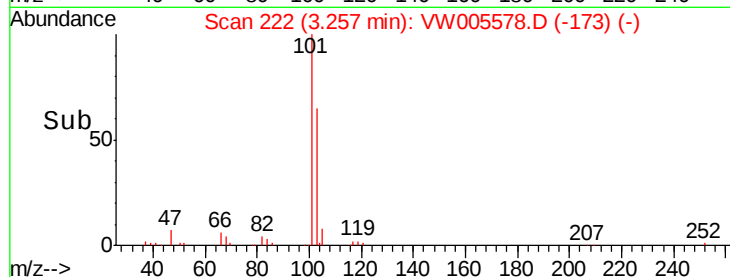
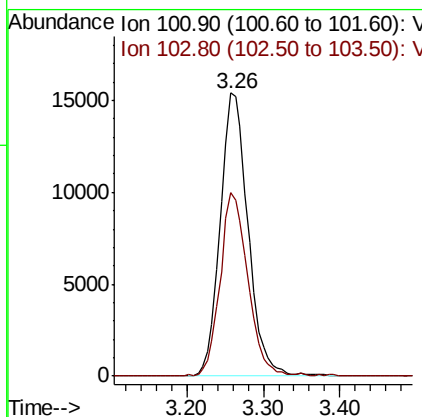
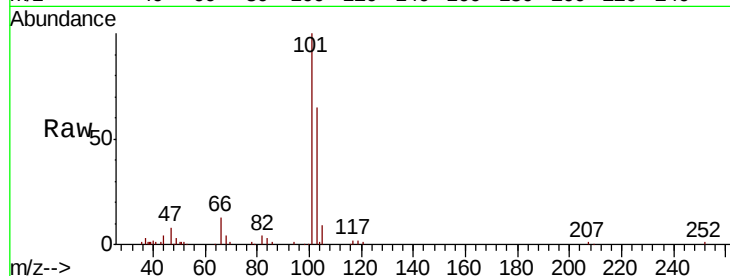
Trichlorofluoromethane
 Concen: 24.134 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

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 MSVOA_W
 ClientSampleId :
 VW0924SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	53.2	79.8

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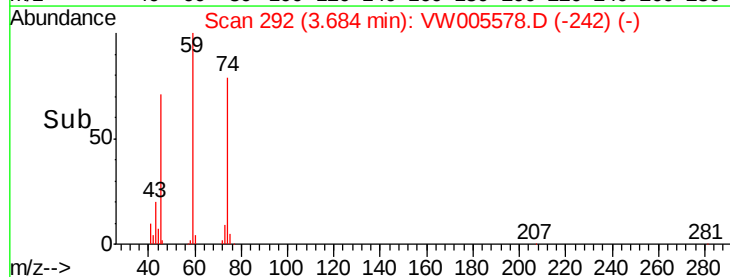
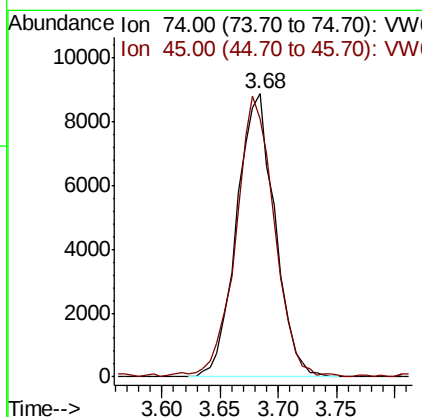
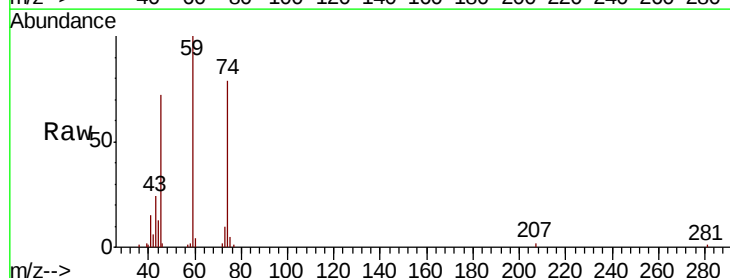
apatel
 9/25/2018 11:55:13 AM

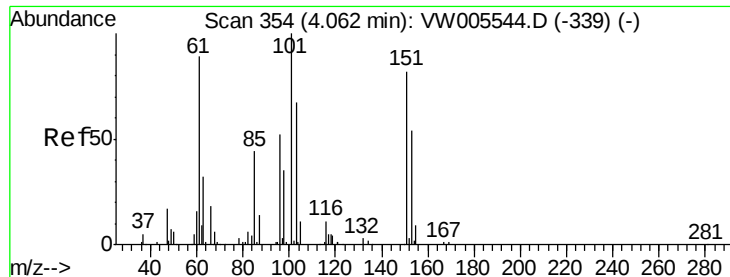


#8

Diethyl Ether
 Concen: 19.225 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.5	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.245 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

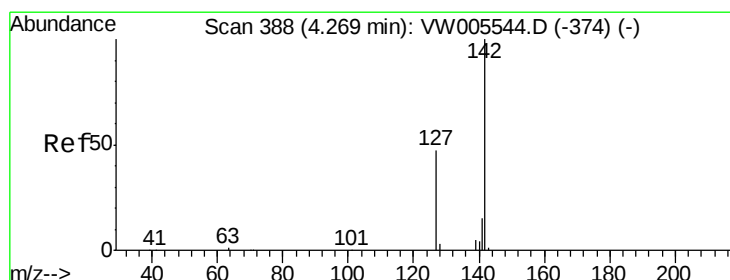
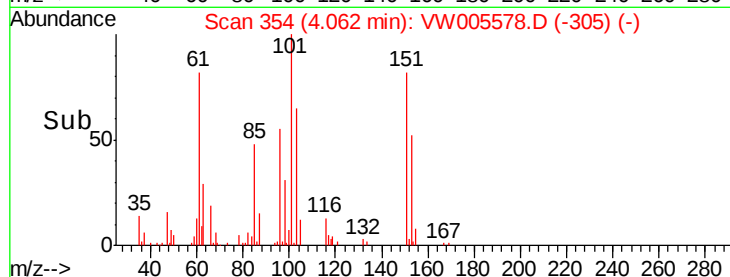
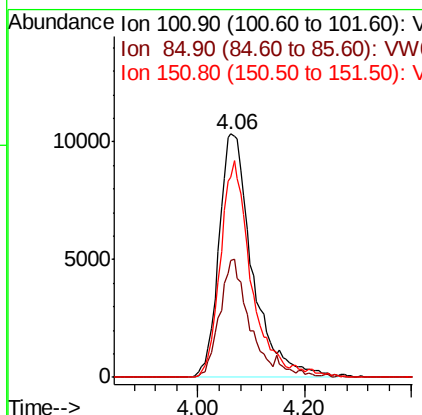
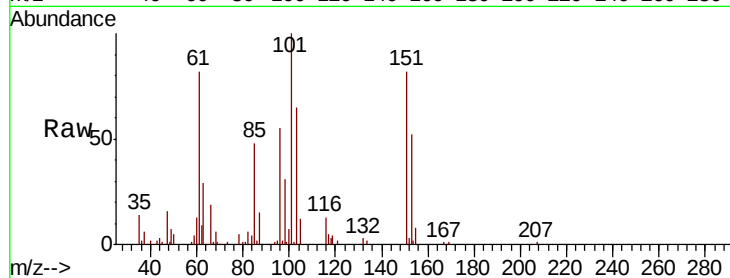
ClientSampleId :

VW0924SBS01

Tot Ion:	101	Resp:	45352
Ion Ratio	Lower	Upper	
101	100		
85	41.3	36.4	54.6
151	79.9	65.8	98.6

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#10

Methyl Iodide

Concen: 21.009 ug/l

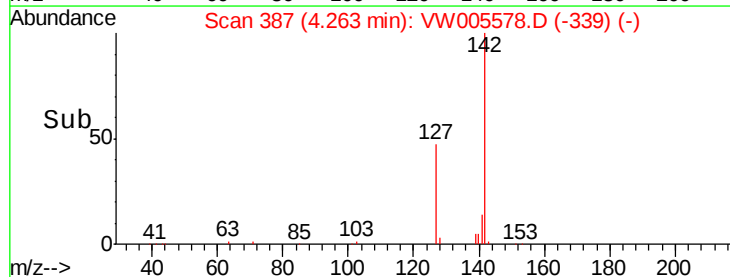
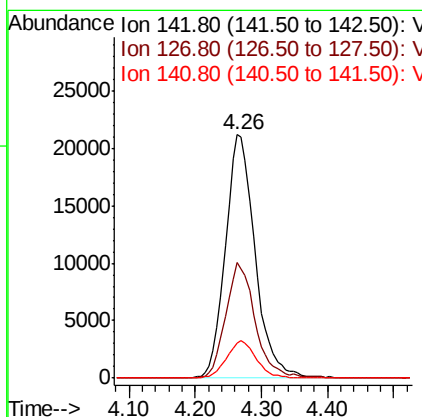
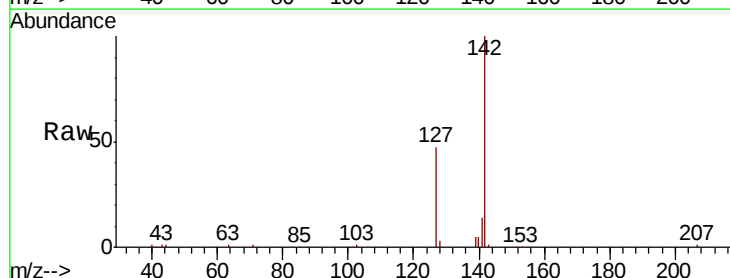
RT: 4.26 min Scan# 387

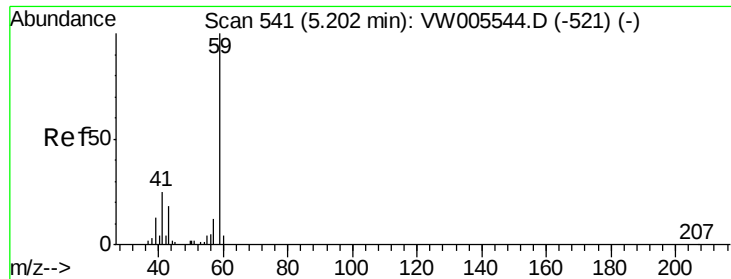
Delta R.T. -0.01 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Tgt Ion:	142	Resp:	65870
Ion Ratio	Lower	Upper	
142	100		
127	47.1	37.4	56.0
141	15.2	11.9	17.9





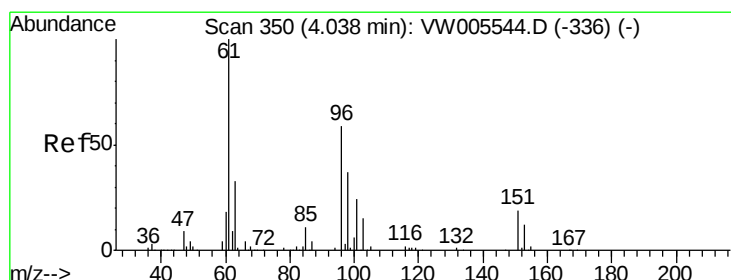
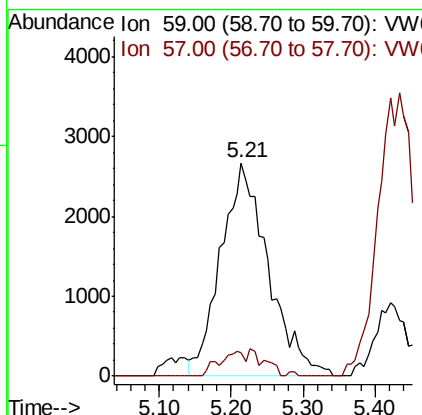
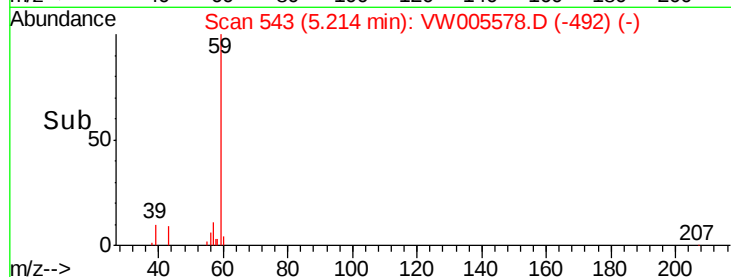
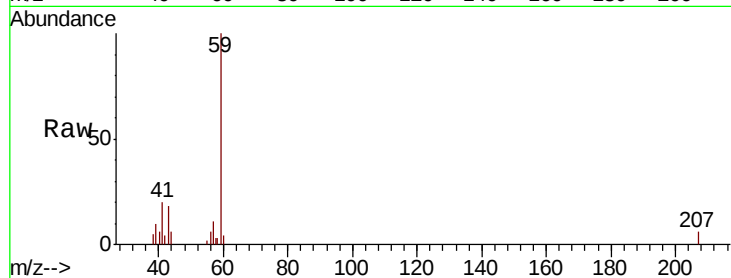
#11
Tert butyl alcohol
Concen: 91.953 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.01 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion: 59 Resp: 12182
Ion Ratio Lower Upper
59 100
57 6.3 8.3 12.5#

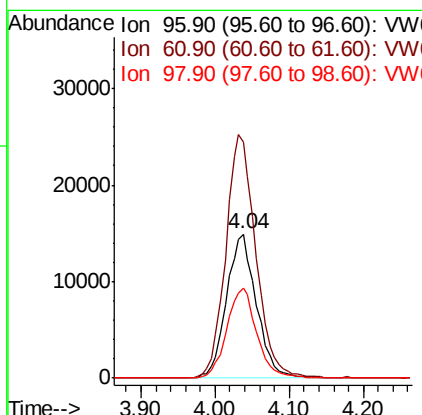
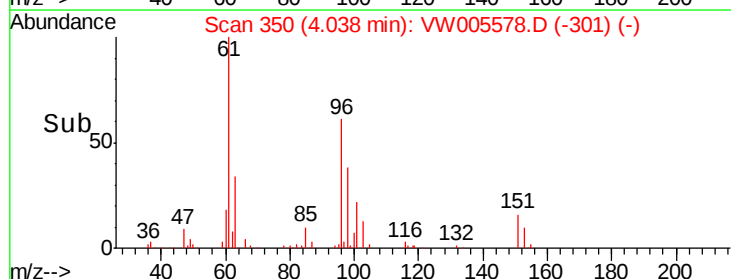
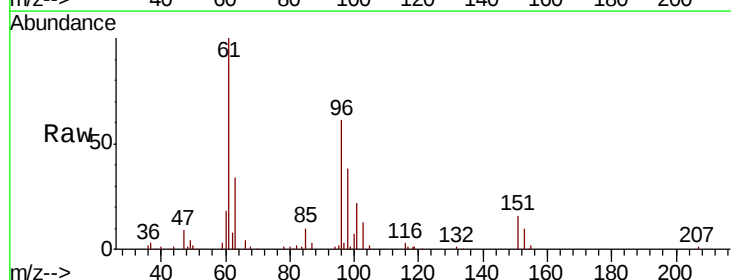
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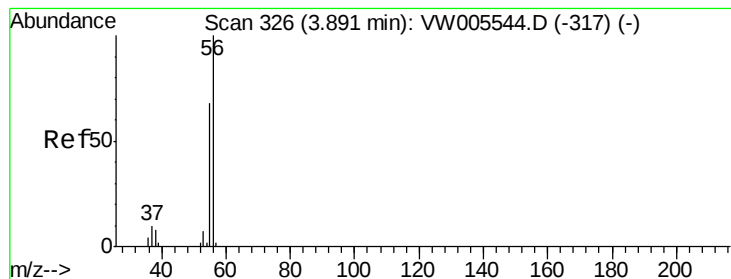
apatel
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#12
1,1-Dichloroethene
Concen: 21.508 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion: 96 Resp: 41979
Ion Ratio Lower Upper
96 100
61 164.3 135.0 202.6
98 62.6 50.6 76.0





#13

Acrolein

Concen: 109.970 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

Tot Ion: 56 Resp: 10547

Ion Ratio Lower Upper

56 100

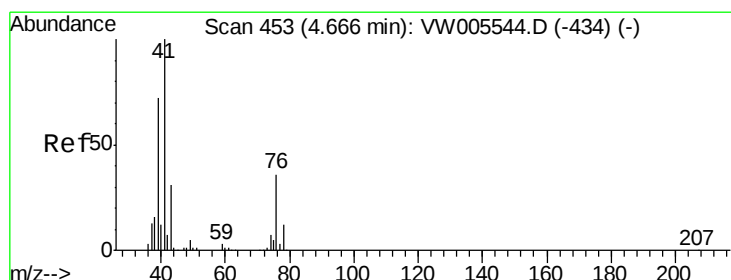
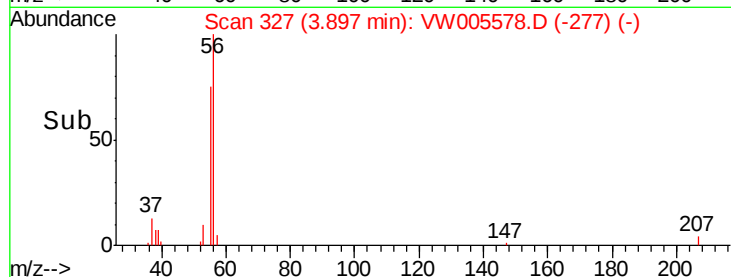
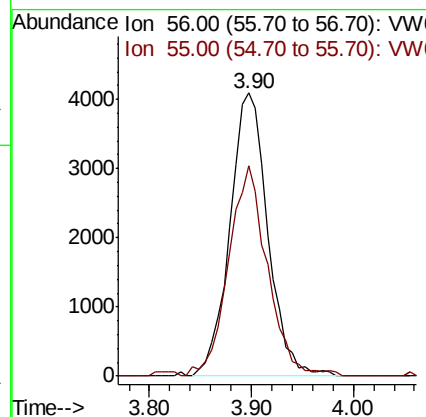
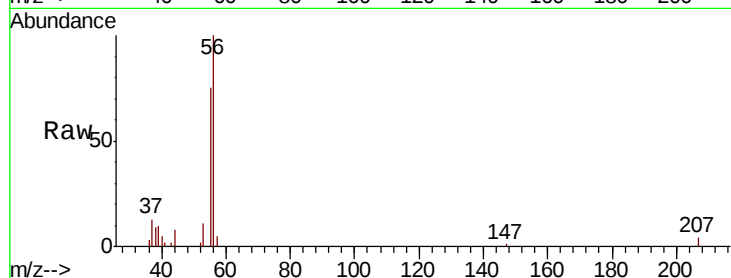
55 76.4 57.8 86.8

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#14

Allyl chloride

Concen: 19.438 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

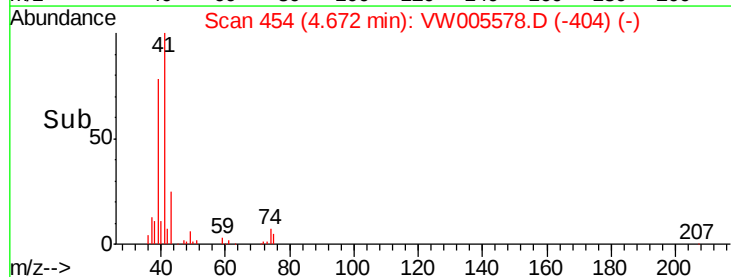
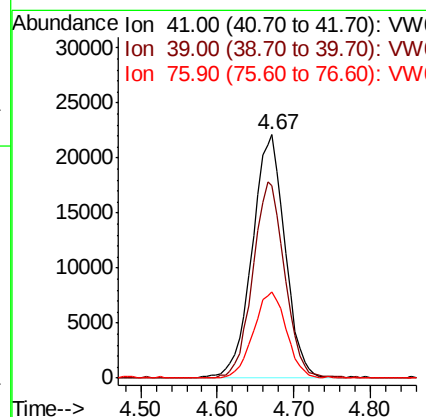
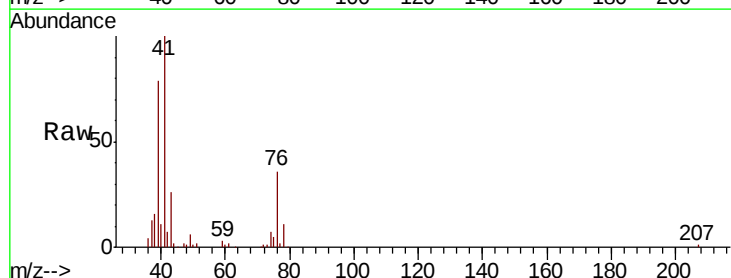
Tgt Ion: 41 Resp: 66212

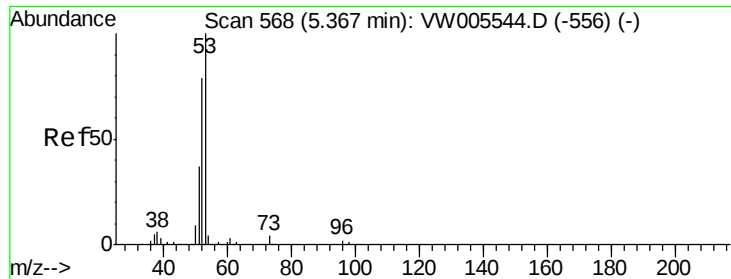
Ion Ratio Lower Upper

41 100

39 78.4 59.6 89.4

76 35.5 27.7 41.5





#15

Acrylonitrile

Concen: 87.078 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

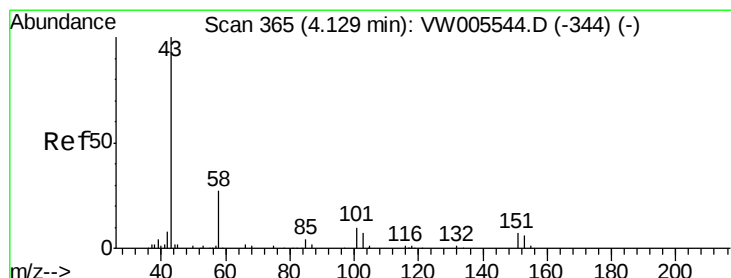
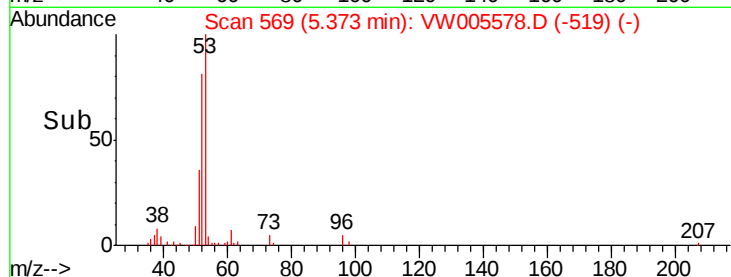
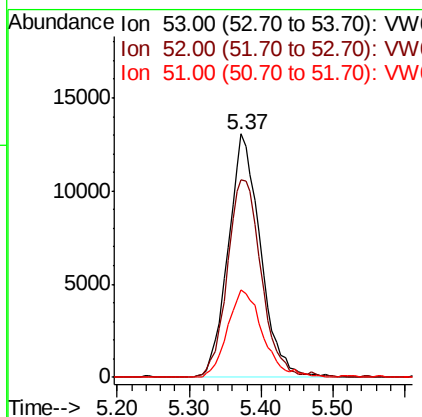
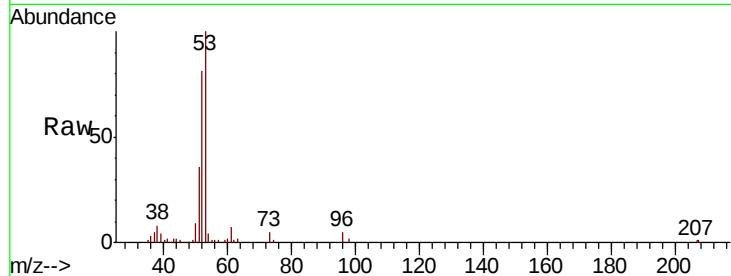
ClientSampleId :

VW0924SBS01

Tot Ion:	53	Resp:	40675
Ion Ratio	Lower	Upper	
53	100		
52	85.0	66.5	99.7
51	39.3	30.6	46.0

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#16

Acetone

Concen: 110.318 ug/l

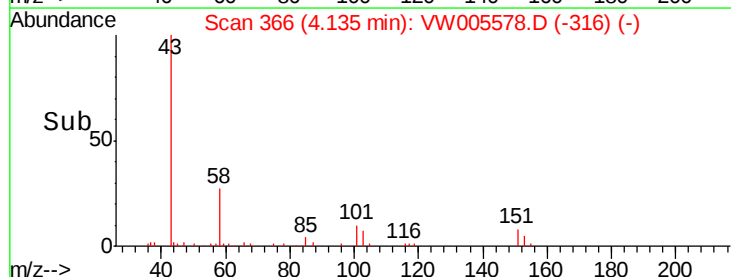
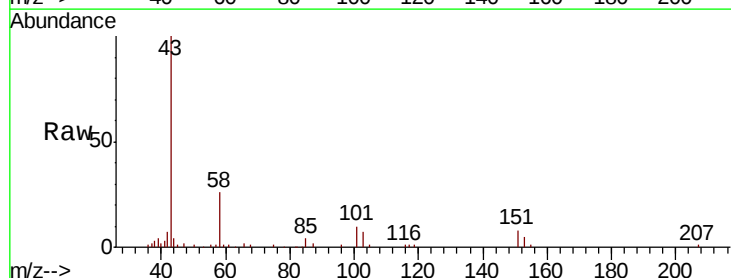
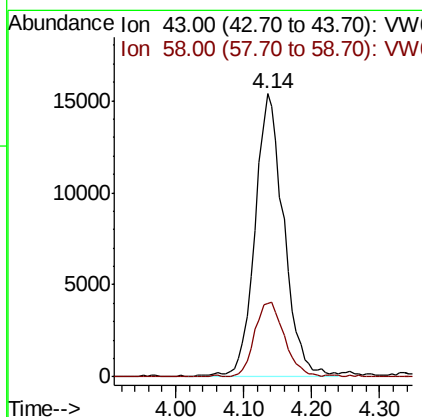
RT: 4.14 min Scan# 366

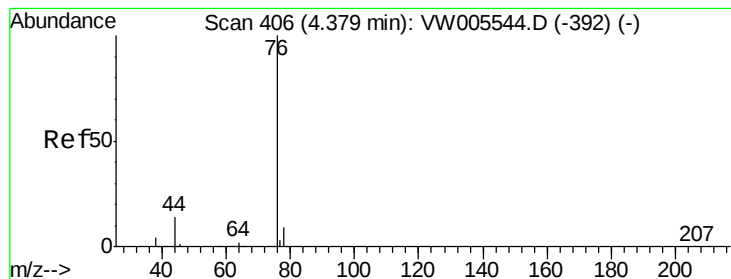
Delta R.T. 0.01 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Tgt Ion:	43	Resp:	45878
Ion Ratio	Lower	Upper	
43	100		
58	25.9	21.8	32.8





#17

Carbon Disulfide

Concen: 21.609 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

Tot Ion: 76 Resp: 131780

Ion Ratio Lower Upper

76 100

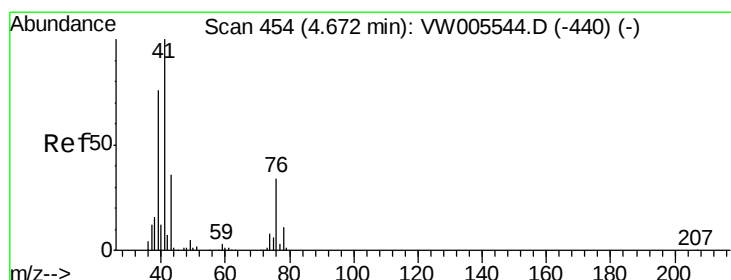
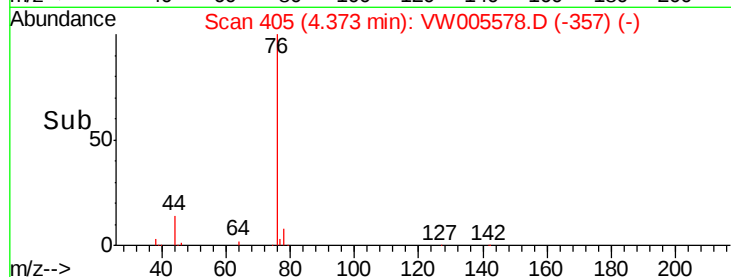
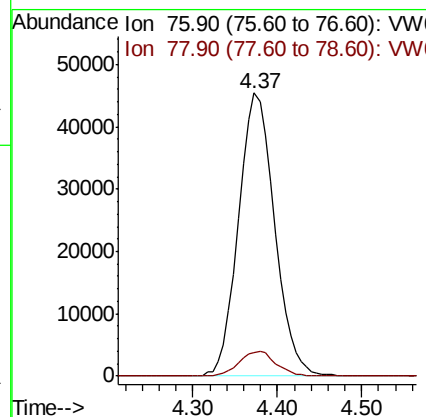
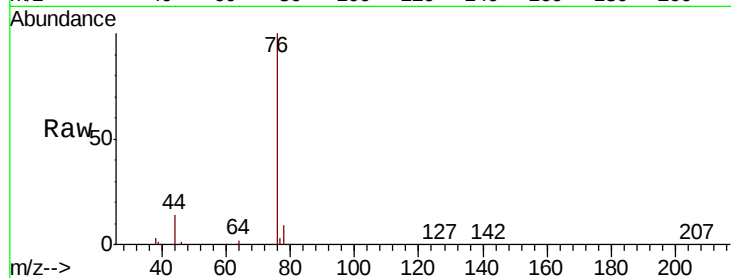
78 8.5 7.4 11.0

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#18

Methyl Acetate

Concen: 16.226 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW005578.D

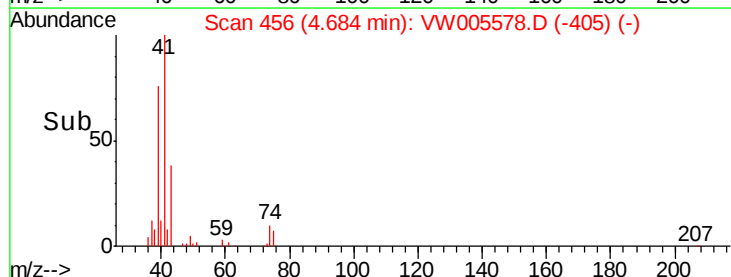
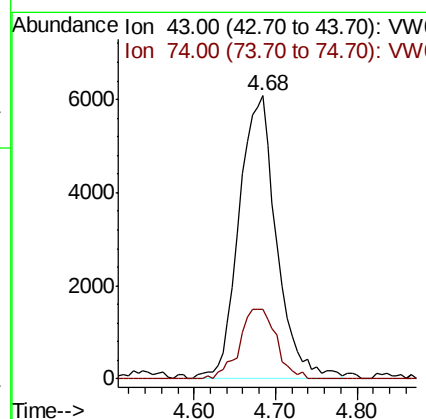
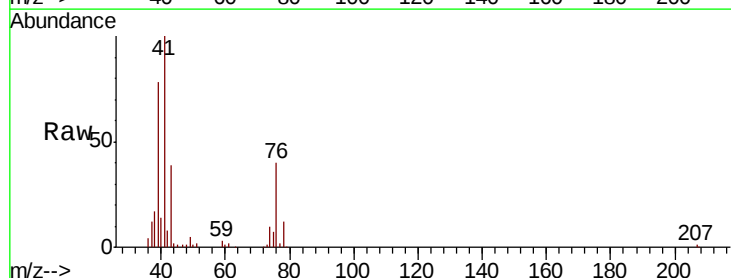
Acq: 24 Sep 2018 12:21

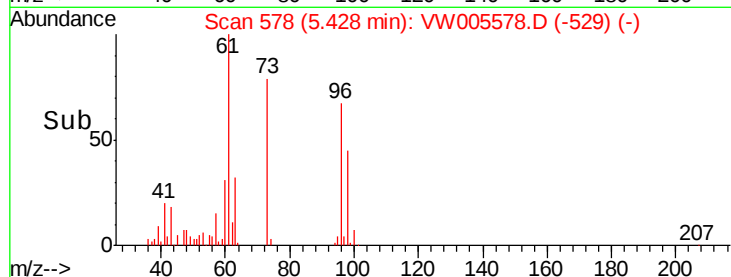
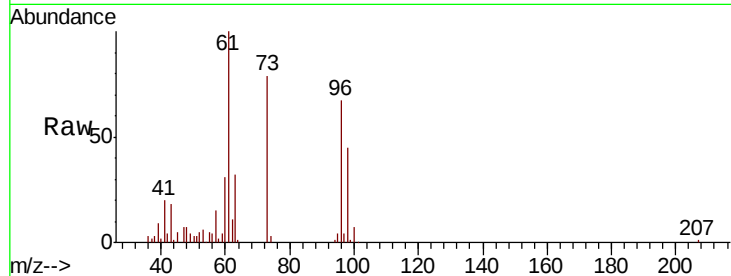
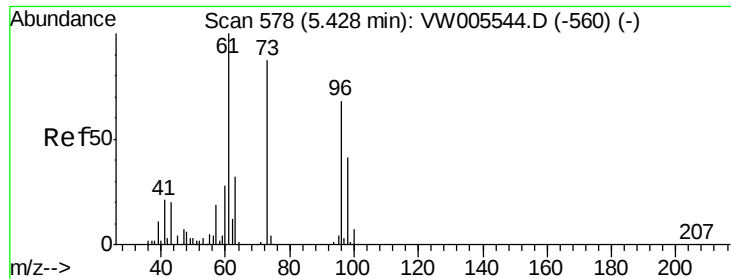
Tgt Ion: 43 Resp: 19416

Ion Ratio Lower Upper

43 100

74 24.1 19.2 28.8





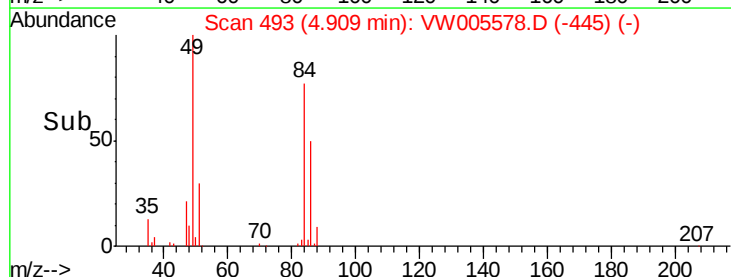
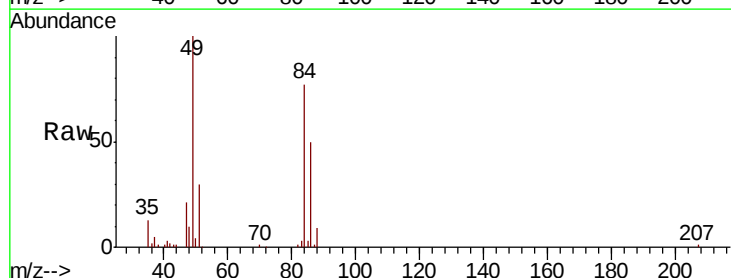
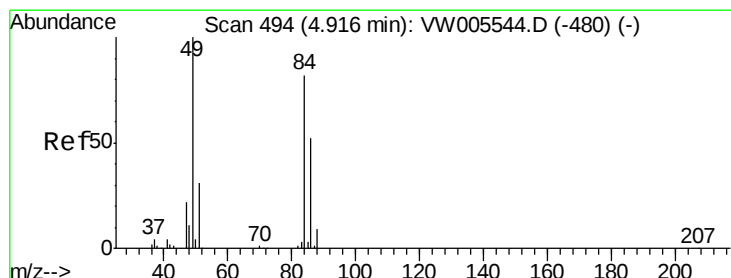
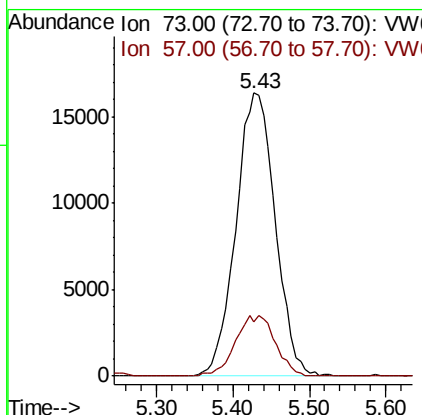
#19
Methyl tert-butyl Ether
Concen: 19.363 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tot Ion	Ratio	Resp	Lower	Upper
73	100	58333		
57	19.1		17.6	26.4

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

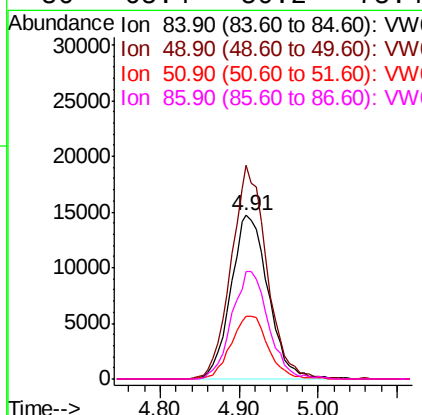
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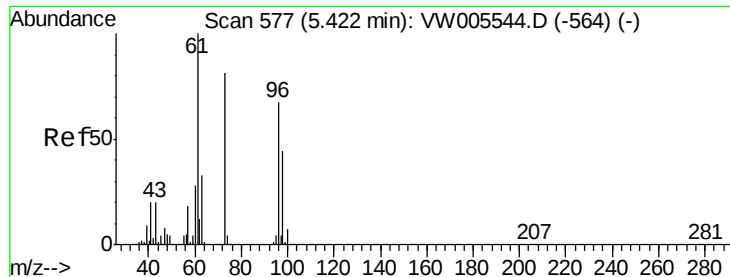
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#20
Methylene Chloride
Concen: 20.276 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	48281		
49	130.3		97.0	145.6
51	38.7		30.2	45.2
86	65.4		50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 20.310 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

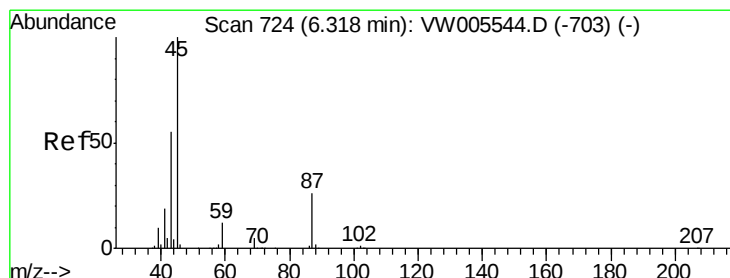
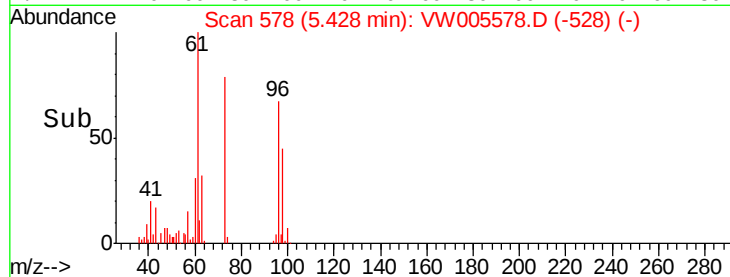
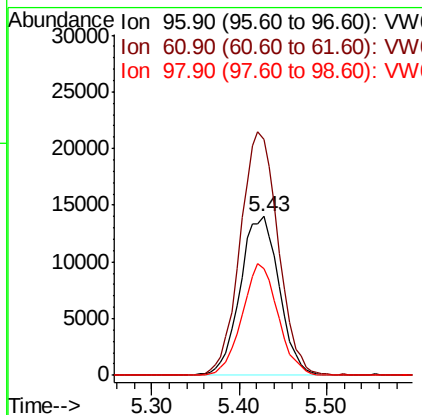
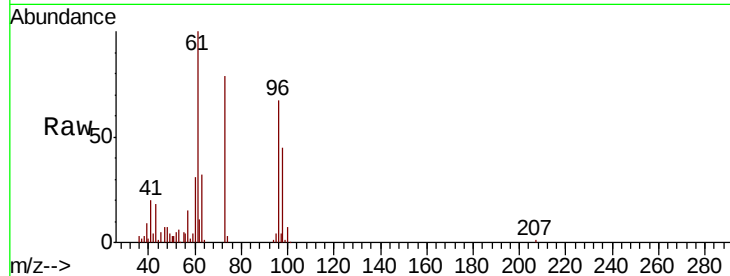
ClientSampled :

VW0924SBS01

Tot Ion:	96	Resp:	43418
Ion	Ratio	Lower	Upper
96	100		
61	148.7	118.9	178.3
98	67.4	52.1	78.1

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#22

Diisopropyl ether

Concen: 19.333 ug/l

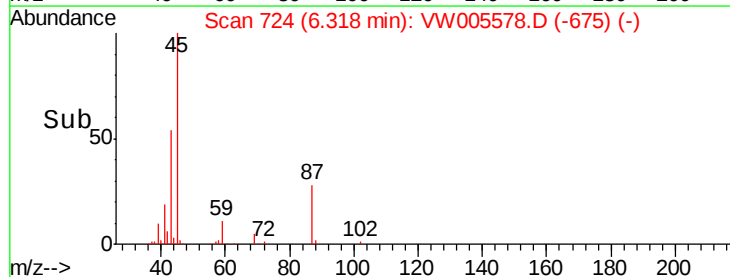
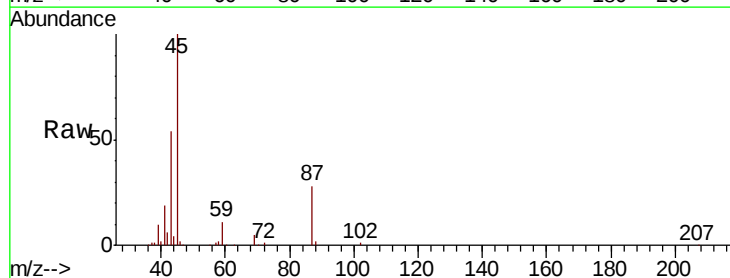
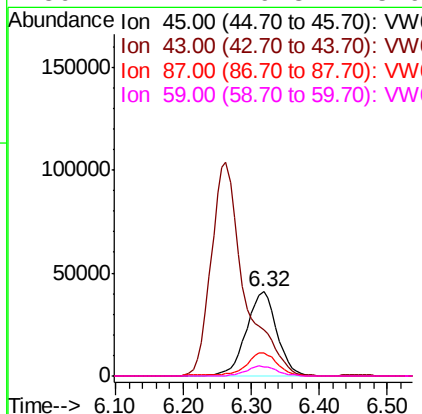
RT: 6.32 min Scan# 724

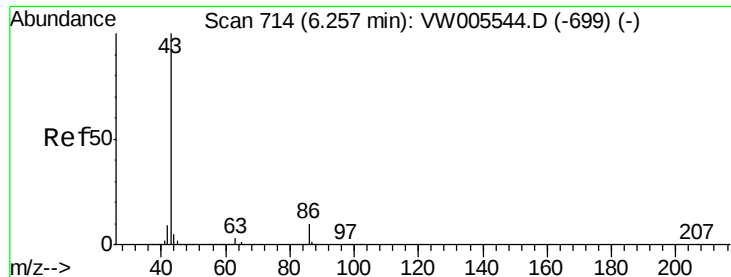
Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Tgt Ion:	45	Resp:	127838
Ion	Ratio	Lower	Upper
45	100		
43	53.7	44.2	66.4
87	27.8	21.4	32.2
59	11.2	9.3	13.9





#23

Vinyl Acetate

Concen: 92.592 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

ClientSampled :

VW0924SBS01

Tot Ion: 43 Resp: 349947

Ion Ratio Lower Upper

43 100

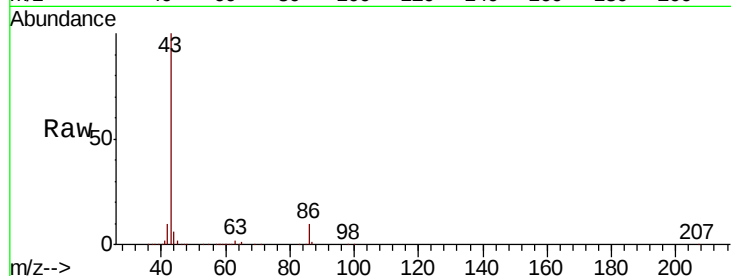
86 9.7 7.7 11.5

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

120000

100000

80000

60000

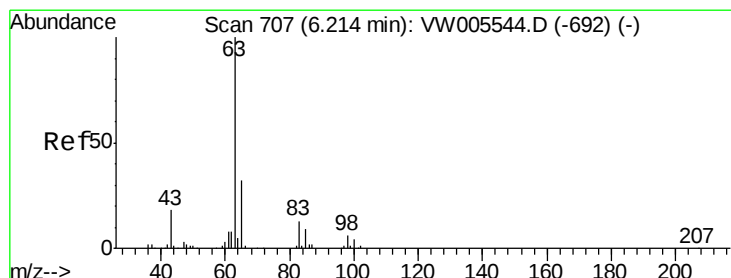
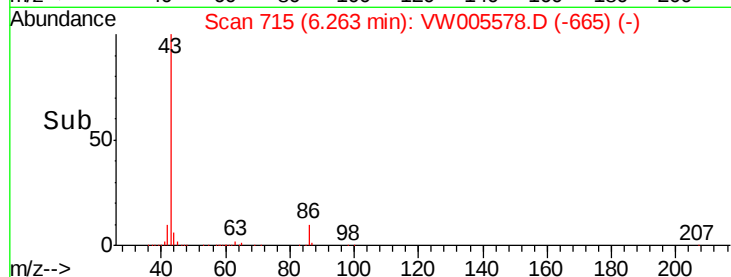
40000

20000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 20.114 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

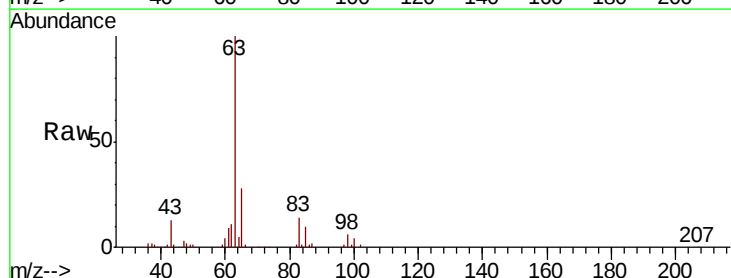
Tgt Ion: 63 Resp: 82174

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 3.9 2.1 6.2



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

30000

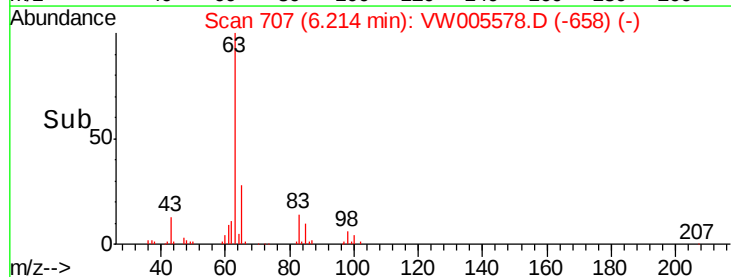
20000

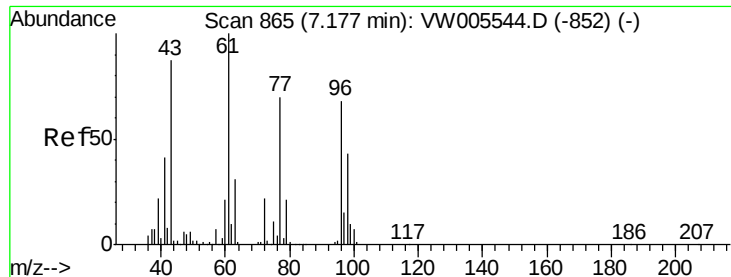
10000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 84.896 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

ClientSampled :

VW0924SBS01

Tot Ion: 43 Resp: 52057

Ion Ratio Lower Upper

43 100

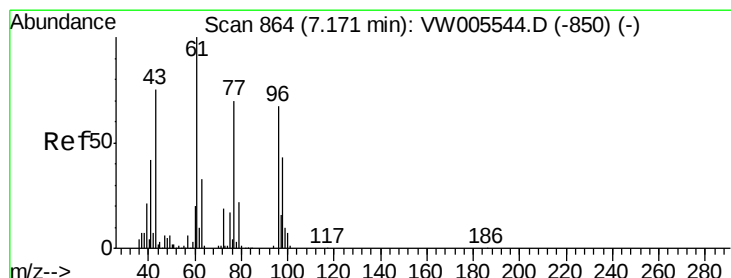
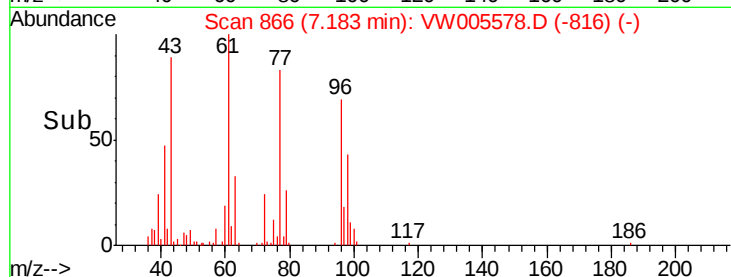
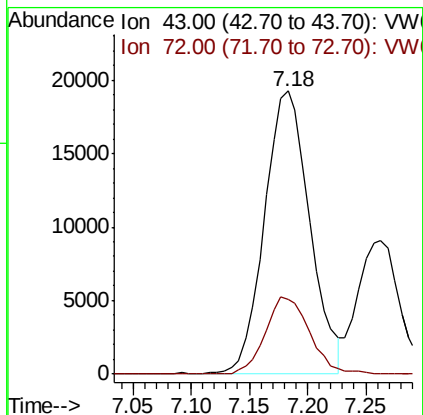
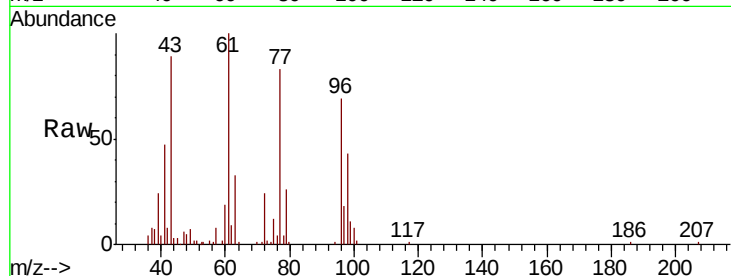
72 26.5 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 21.933 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005578.D

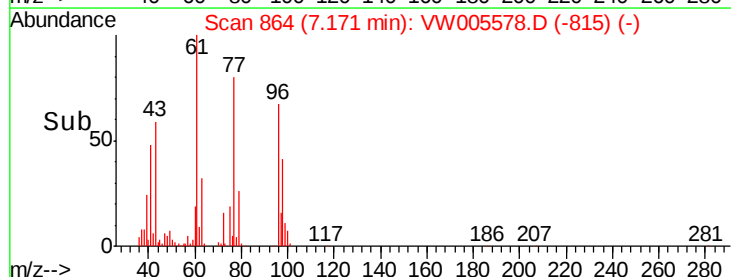
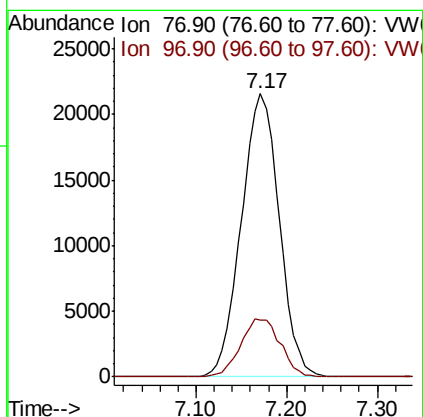
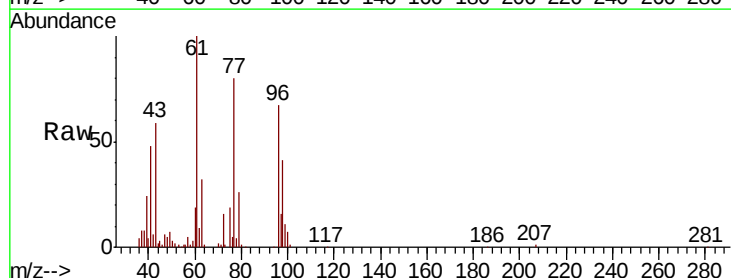
Acq: 24 Sep 2018 12:21

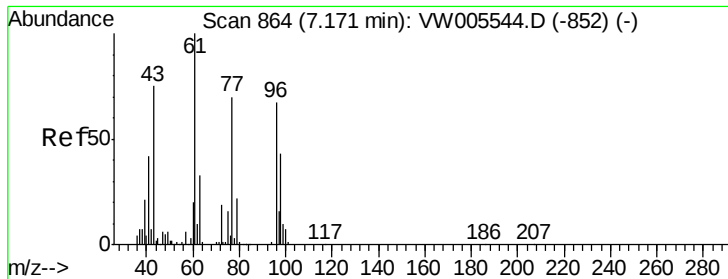
Tgt Ion: 77 Resp: 62556

Ion Ratio Lower Upper

77 100

97 21.3 11.0 33.0





#27

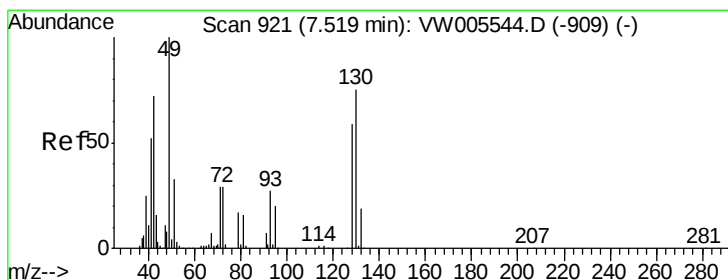
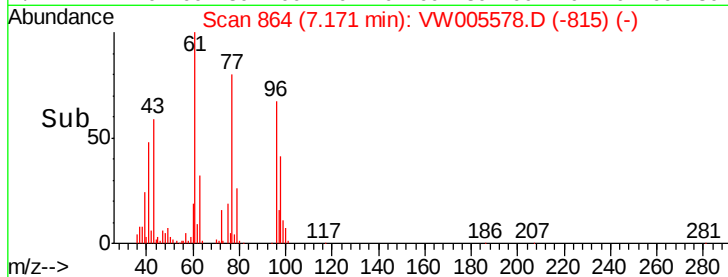
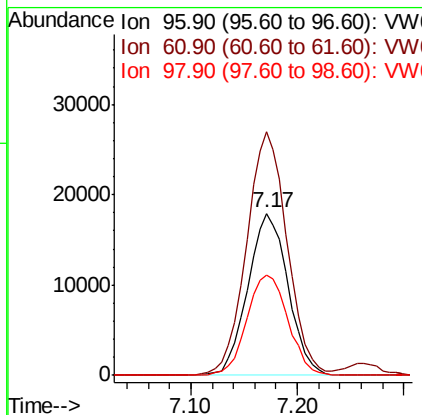
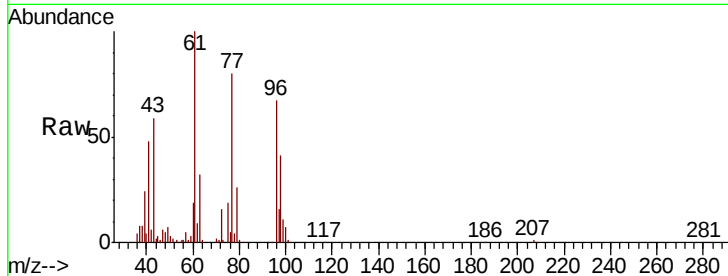
cis-1,2-Dichloroethene
Concen: 20.103 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	303.4
98	63.3	0.0	127.2

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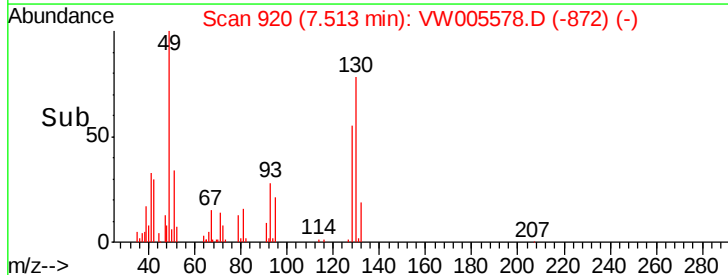
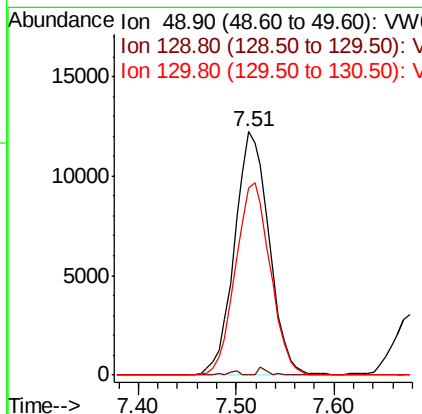
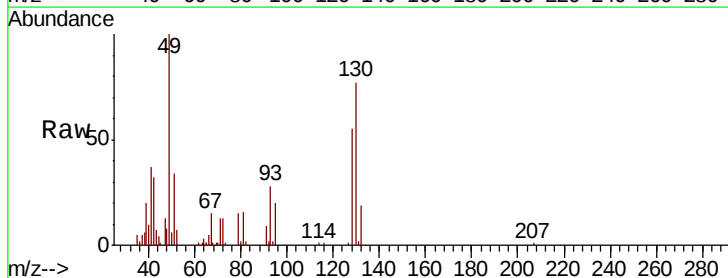
apatel
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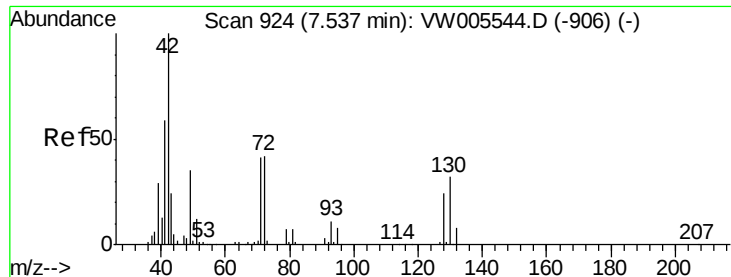


#28

Bromochloromethane
Concen: 18.502 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	1.4
130	79.5	61.3	91.9





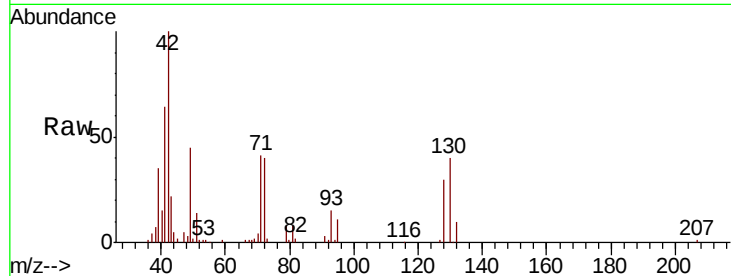
#29
Tetrahydrofuran
Concen: 81.837 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	33.6	50.4
71	40.5	31.8	47.6

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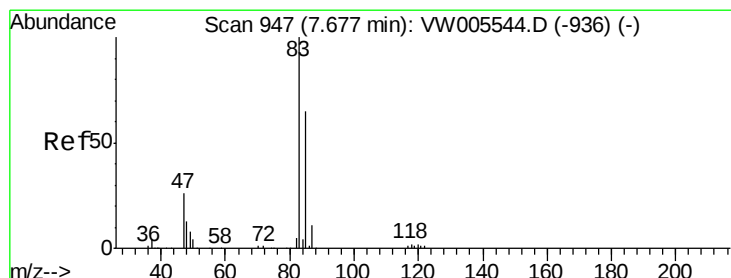
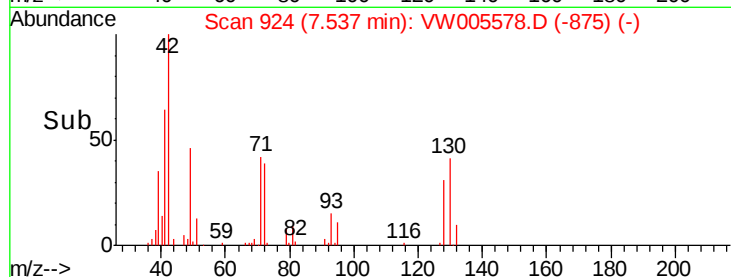
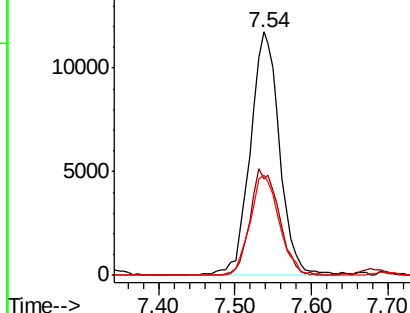


Abundance

Ion 42.00 (41.70 to 42.70): VW

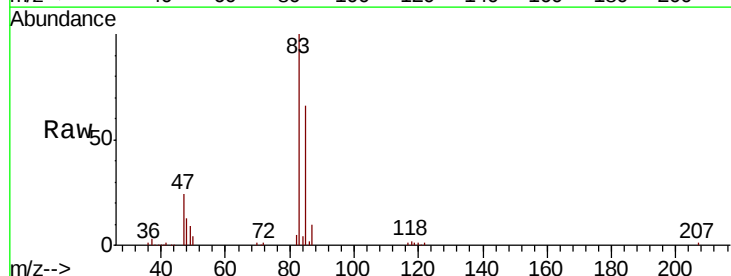
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30
Chloroform
Concen: 20.154 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

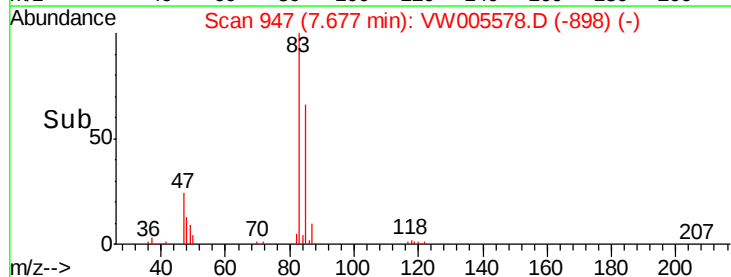
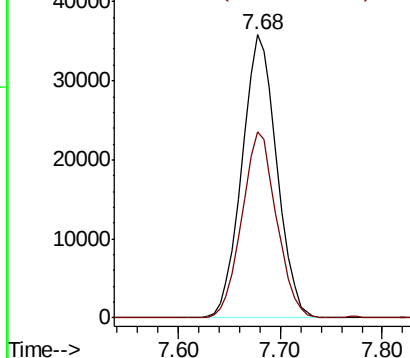
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.8	77.6

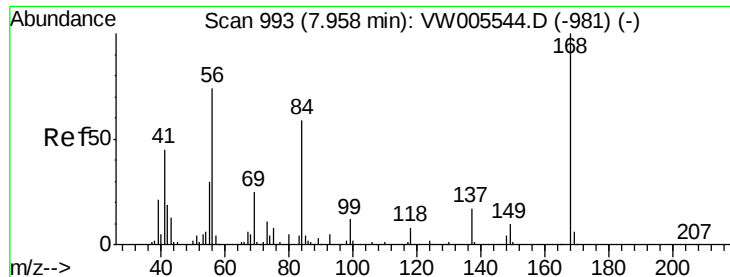


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





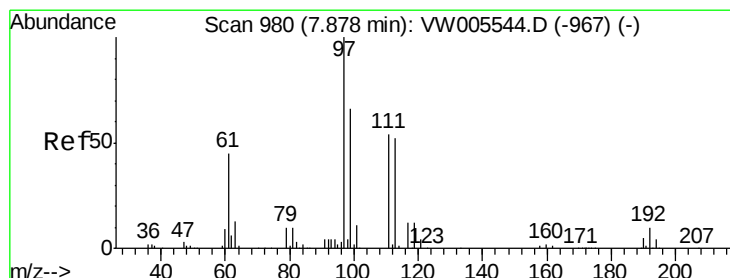
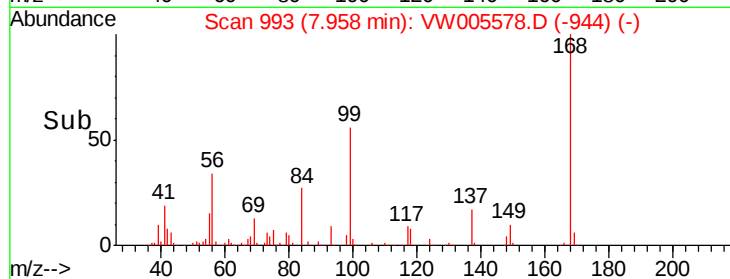
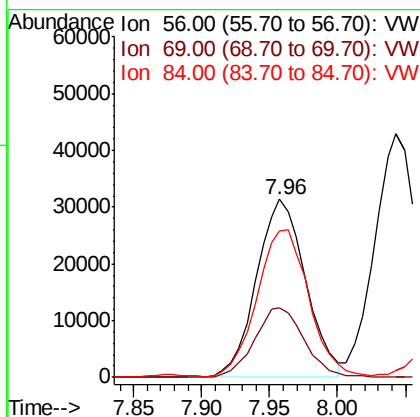
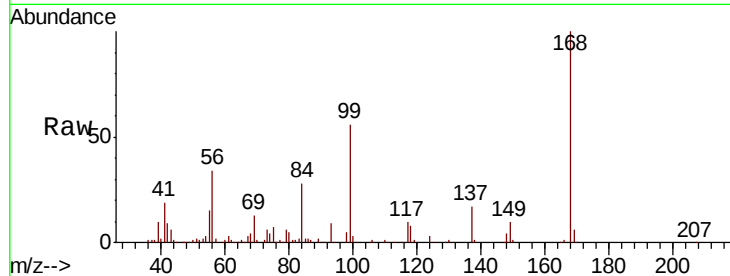
#31
Cyclohexane
Concen: 20.237 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.8	27.0	40.4
84	80.9	64.2	96.4

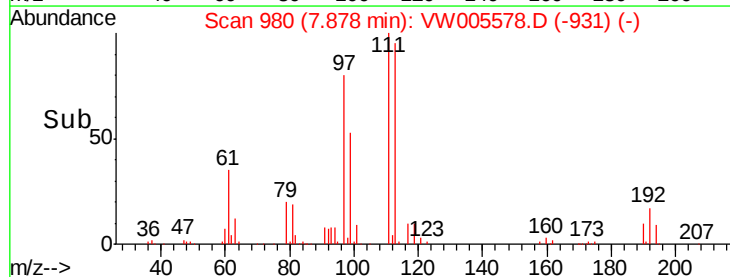
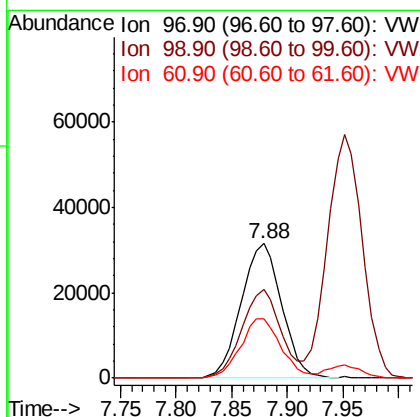
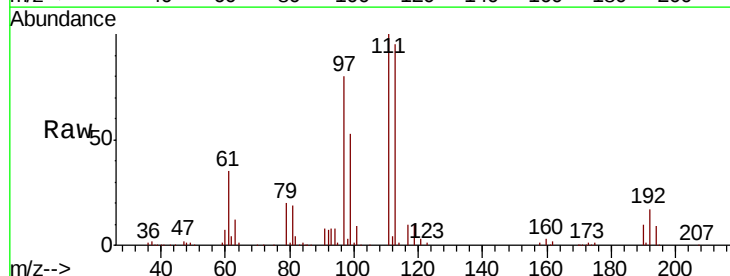
Manual Integrations
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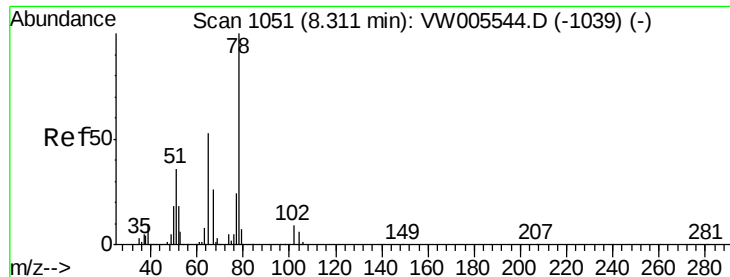
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#32
1,1,1-Trichloroethane
Concen: 21.374 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.6
61	44.5	36.2	54.2





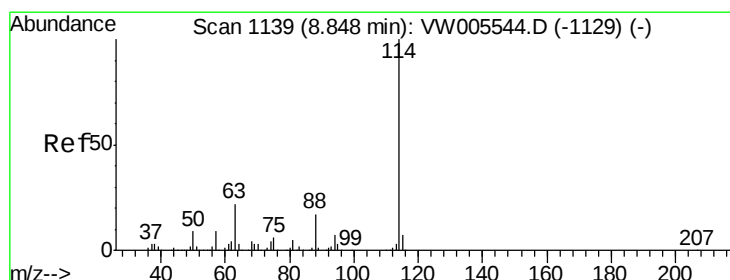
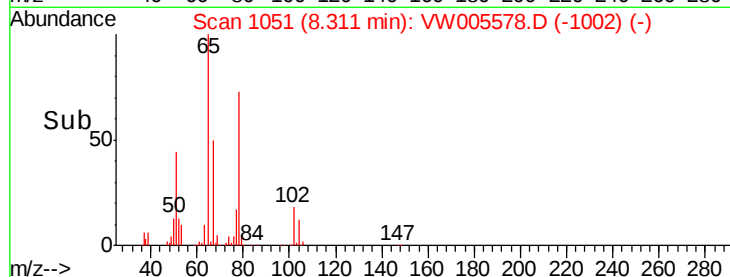
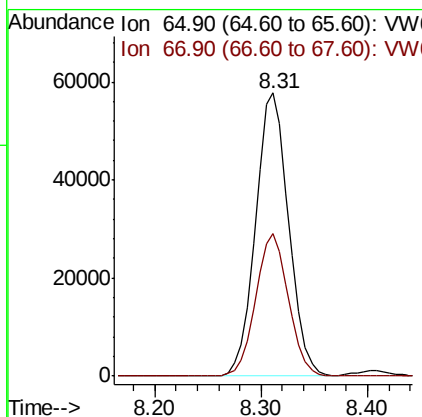
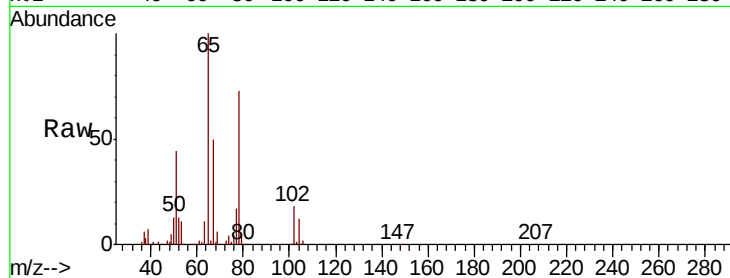
#33
 1,2-Dichloroethane-d4
 Concen: 49.664 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.6	0.0	100.6	

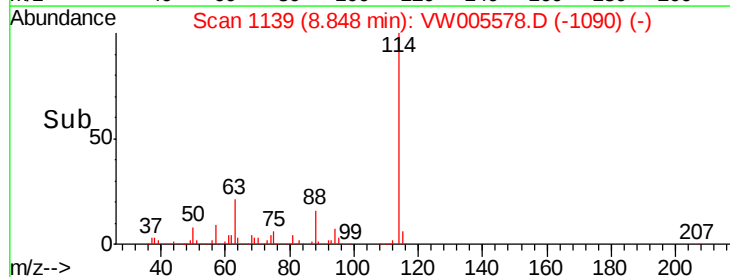
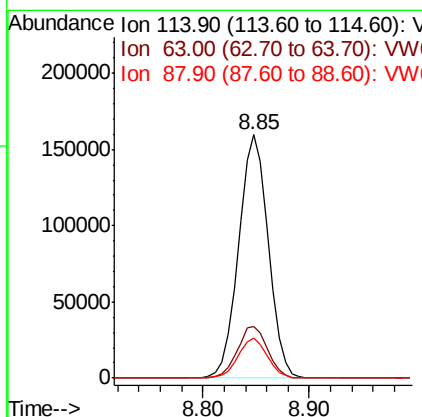
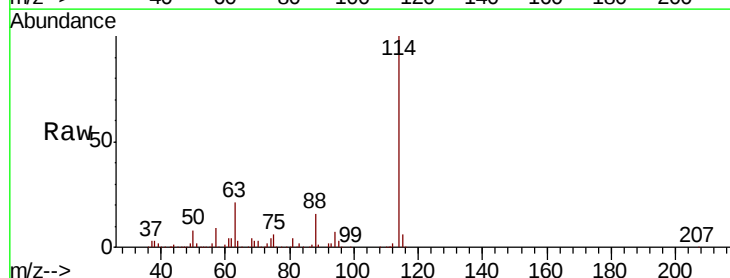
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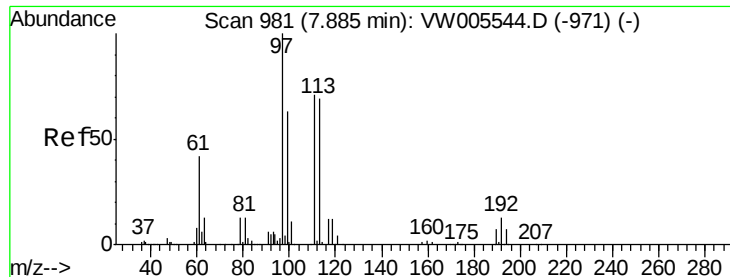
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.2	0.0	43.0	
88	16.2	0.0	33.0	





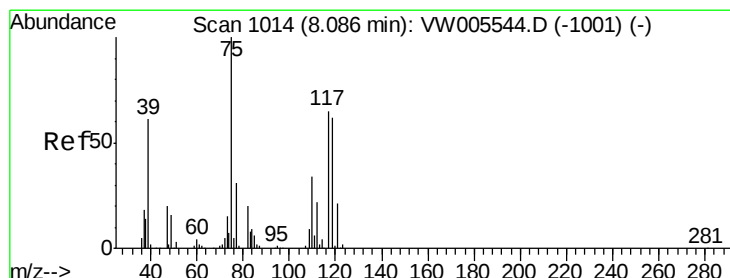
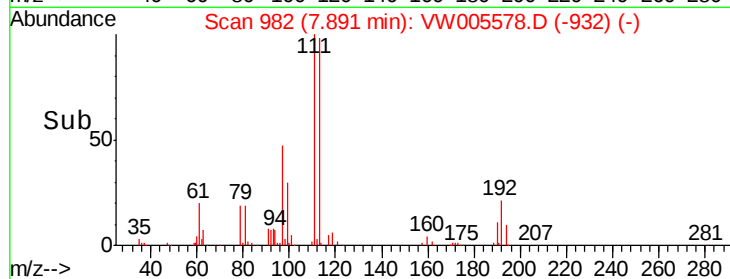
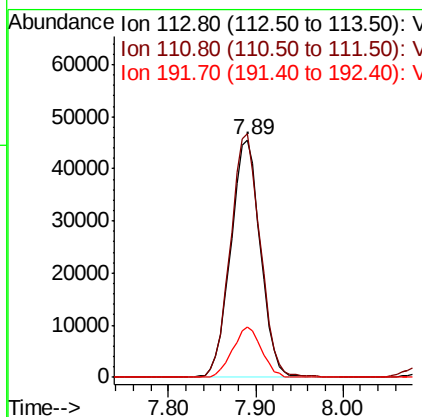
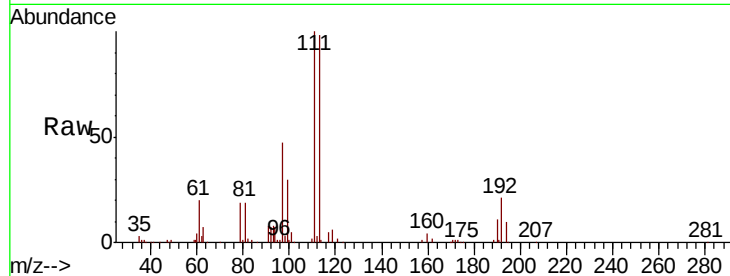
#35
 Dibromofluoromethane
 Concen: 54.999 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107609		
111	102.8	82.6	123.8	
192	20.8	17.0	25.4	

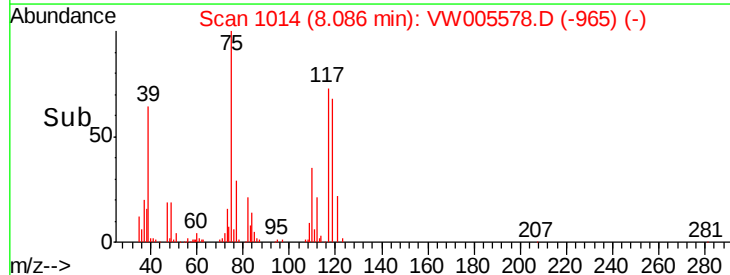
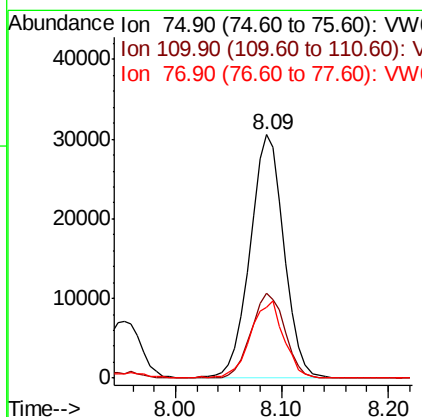
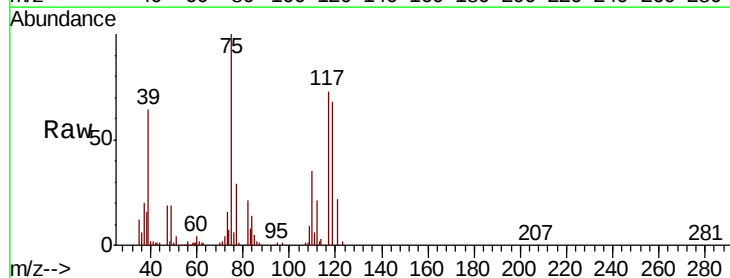
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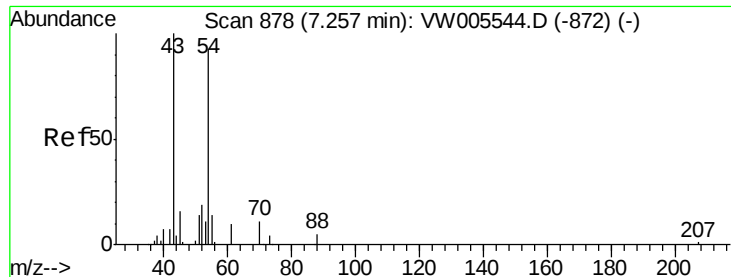
apatel
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#36
 1,1-Dichloropropene
 Concen: 21.834 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	68383		
110	34.6	17.0	50.9	
77	31.3	24.8	37.2	





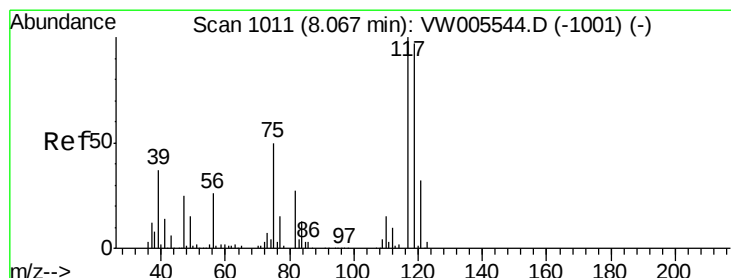
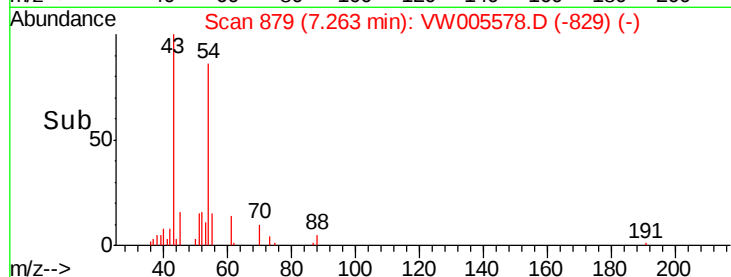
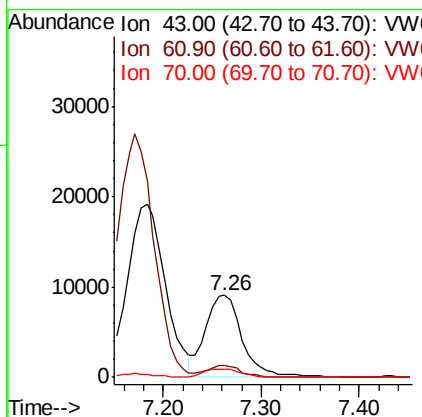
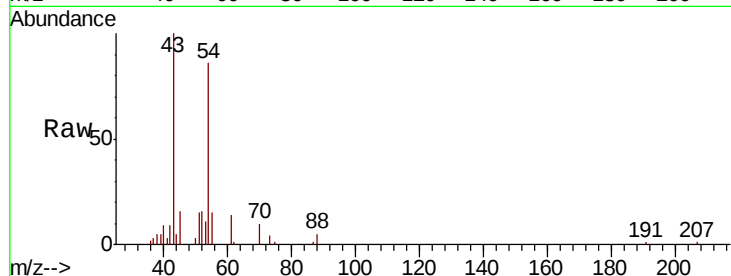
#37
Ethyl Acetate
Concen: 18.253 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	10.0	8.2	12.2

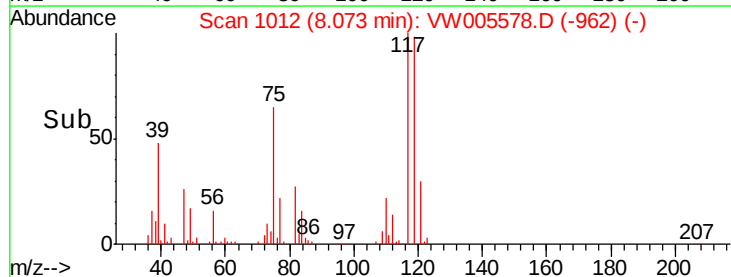
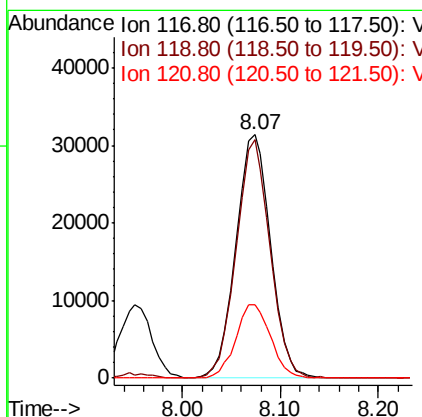
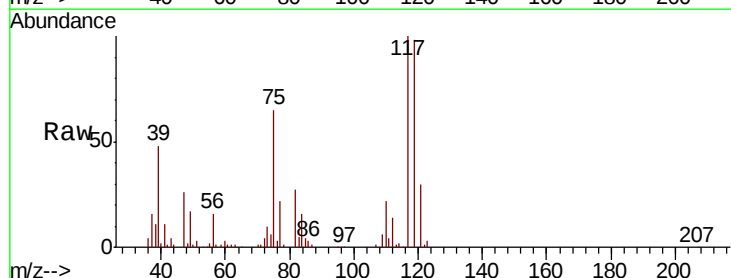
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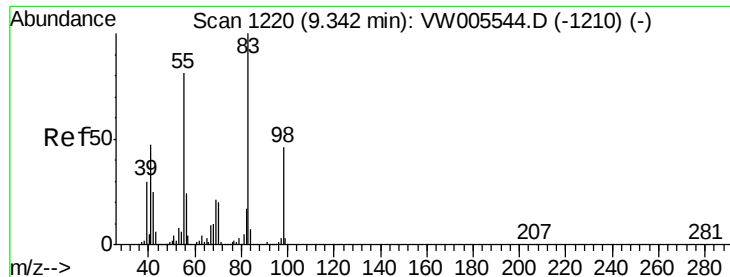
apatel
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#38
Carbon Tetrachloride
Concen: 23.024 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.6	116.4
121	30.3	25.7	38.5





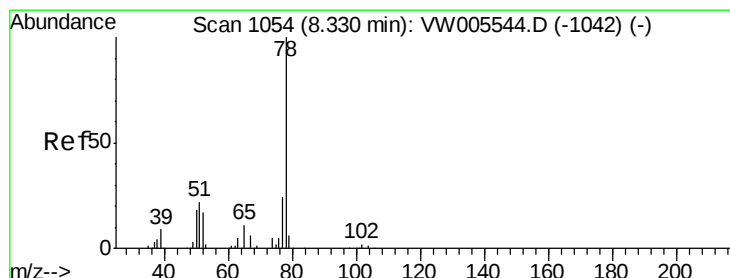
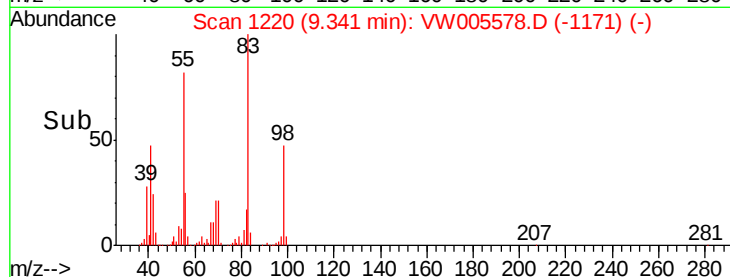
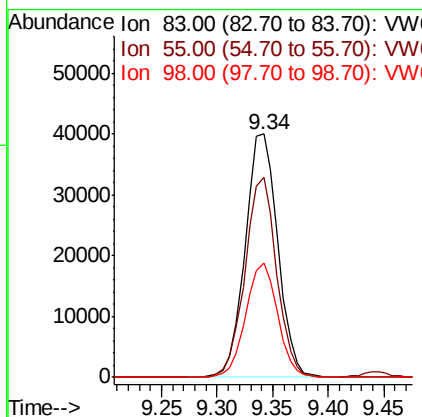
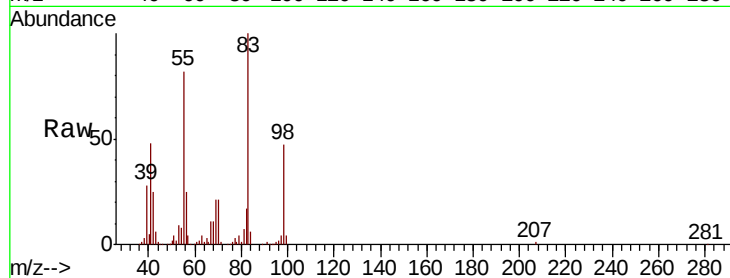
#39
Methvlcvclohexane
Concen: 22.086 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.2	64.6	97.0
98	46.8	37.0	55.6

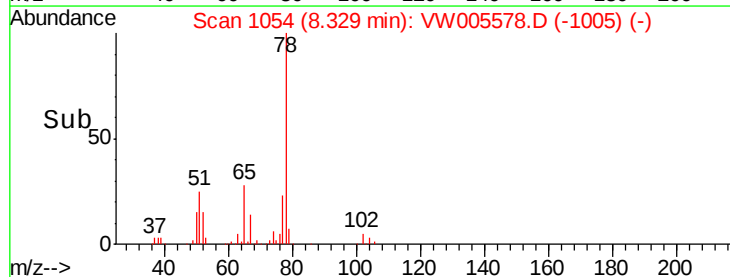
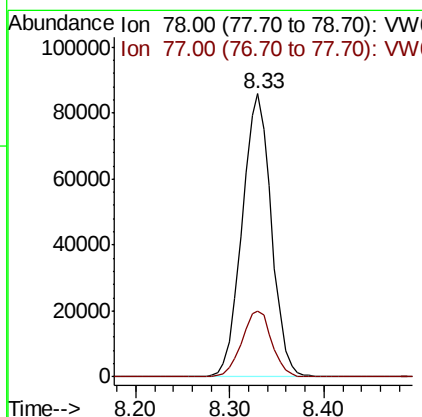
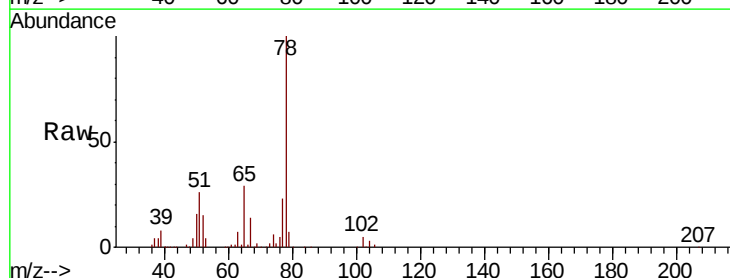
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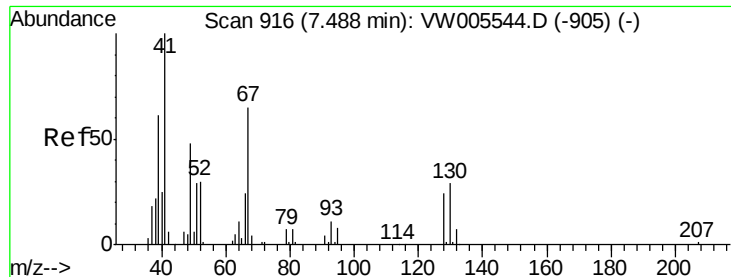
apatel
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#40
Benzene
Concen: 20.953 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





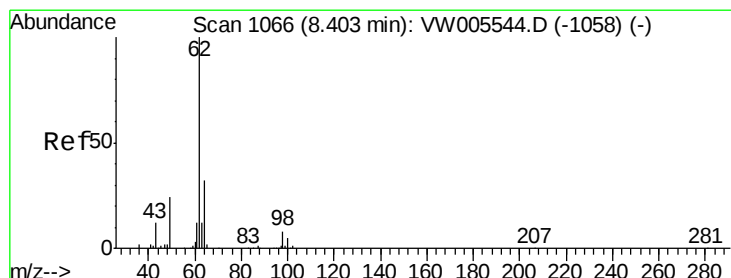
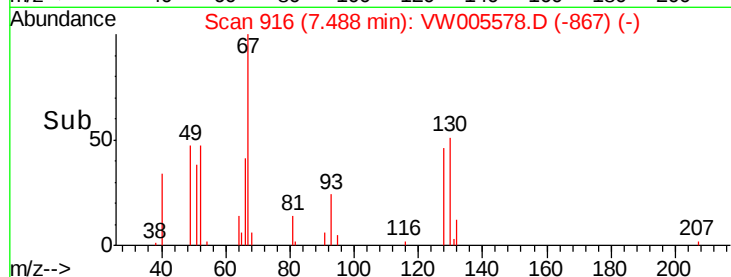
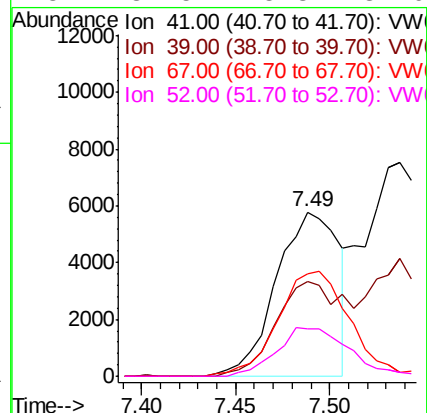
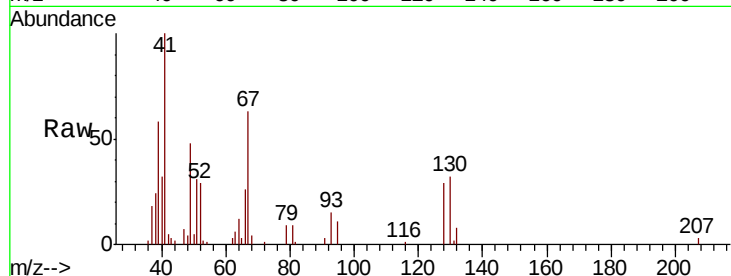
#41
Methacrylonitrile
Concen: 17.787 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampled :
VW0924SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.9	45.4	68.2
67	72.2	55.2	82.8
52	34.5	25.3	37.9

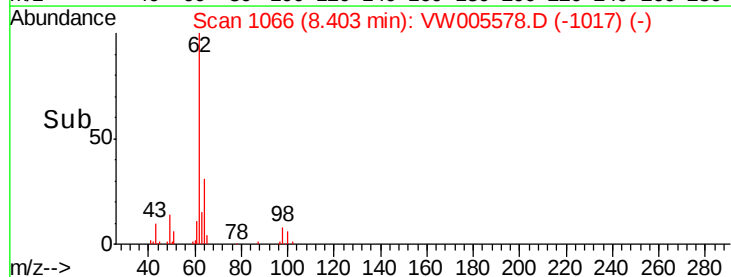
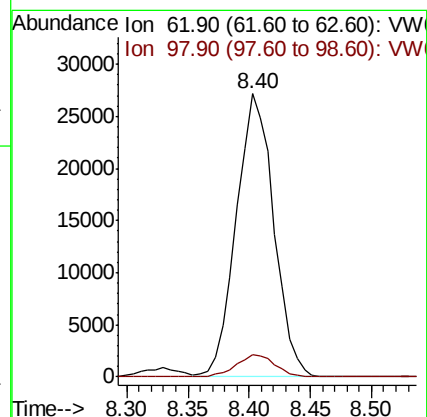
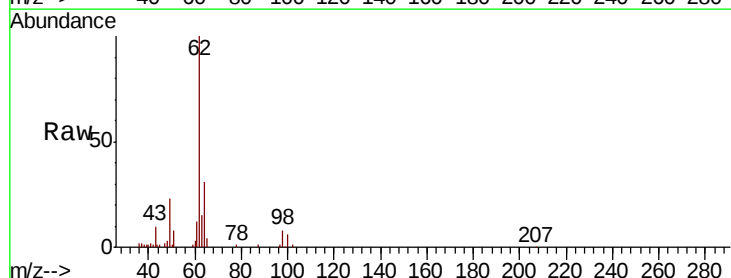
Manual Integrations
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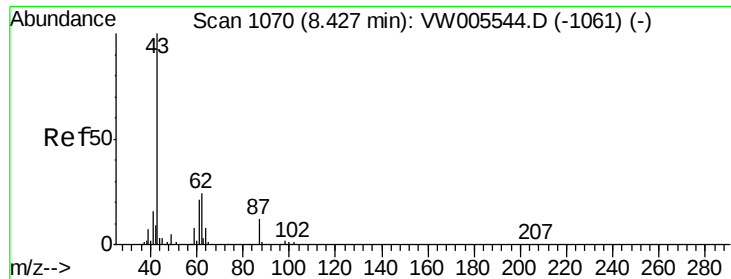
apatel
9/25/2018 11:55:13 AM



#42
1,2-Dichloroethane
Concen: 20.370 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.6





#43

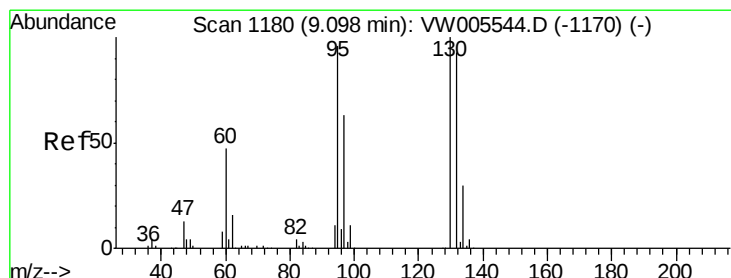
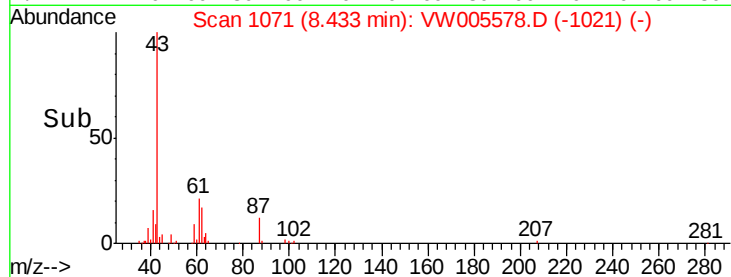
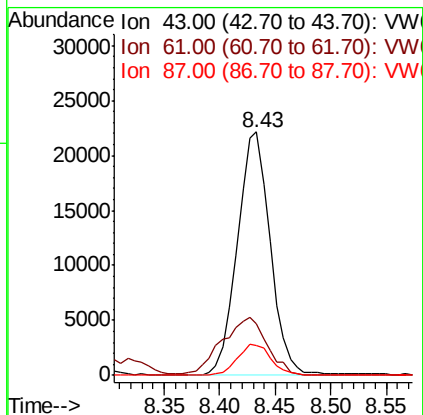
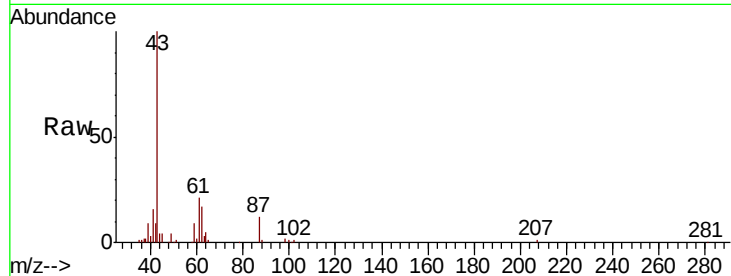
Isopropyl Acetate
 Concen: 17.603 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.4	24.1	36.1
87	12.8	9.8	14.8

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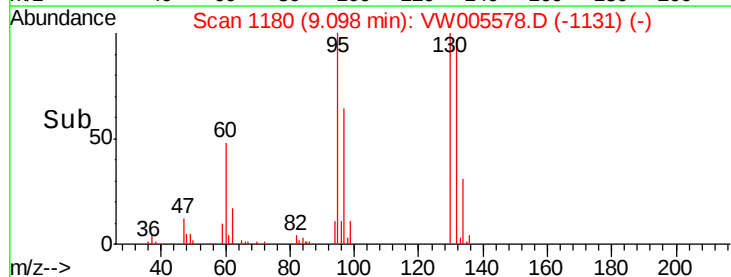
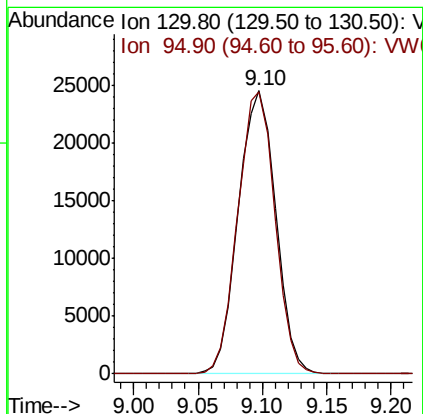
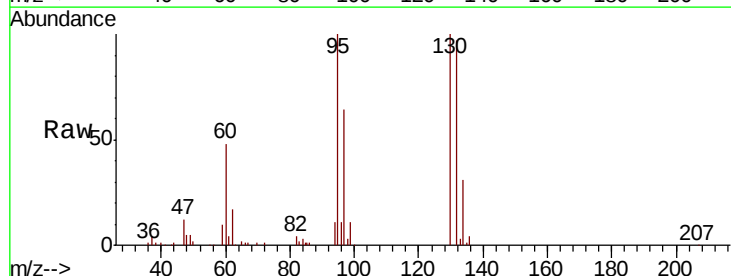
apatel
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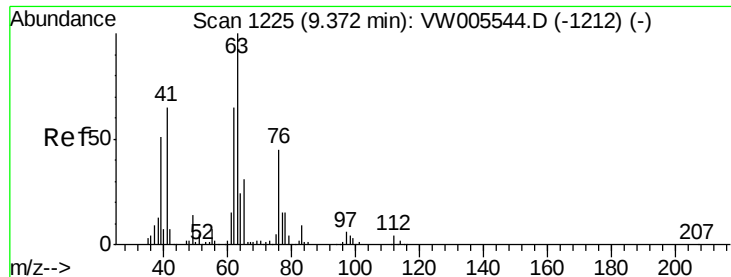


#44

Trichloroethene
 Concen: 21.756 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	191.2





#45

1,2-Dichloropropane

Concen: 19.884 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

ClientSampled :

VW0924SBS01

Tot Ion: 63 Resp: 43411

Ion Ratio Lower Upper

63 100

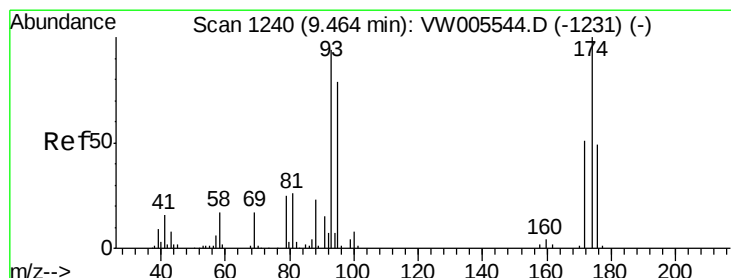
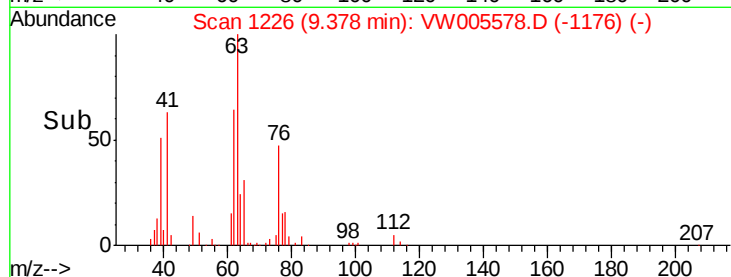
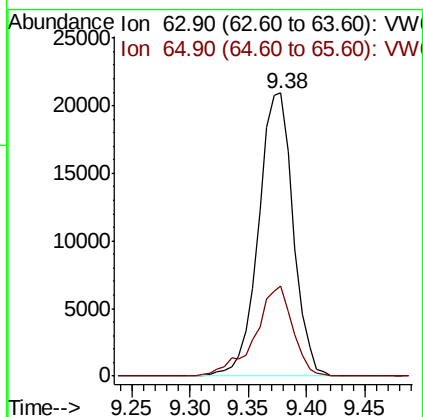
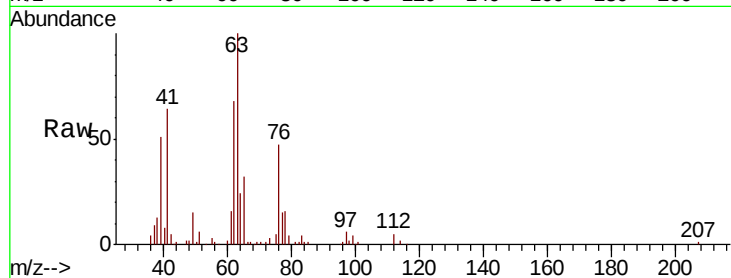
65 31.9 24.7 37.1

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#46

Dibromomethane

Concen: 19.945 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

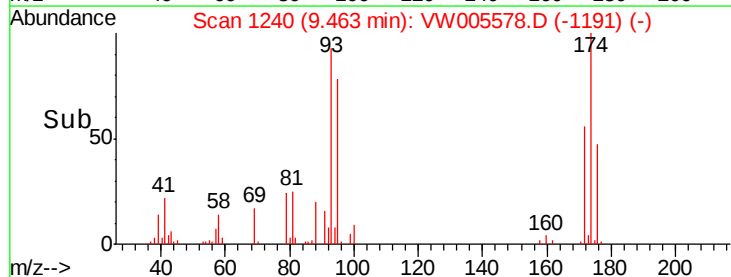
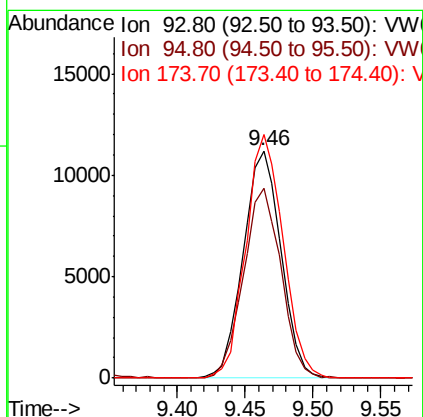
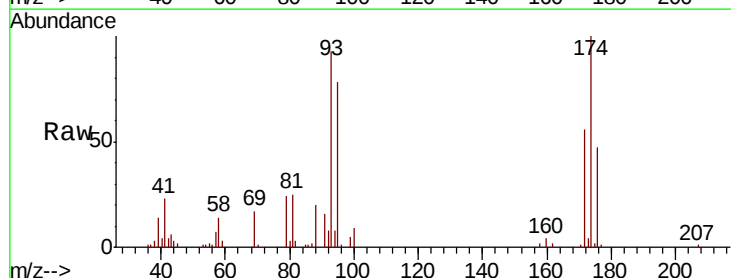
Tgt Ion: 93 Resp: 21757

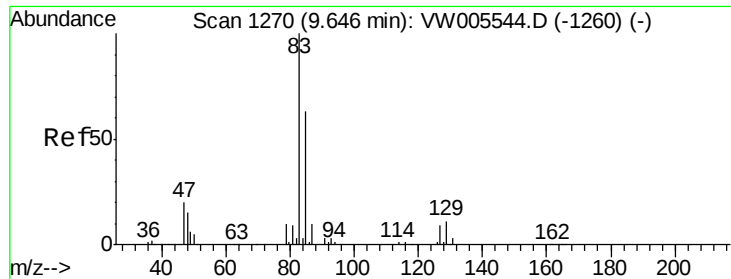
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 106.2 84.0 126.0





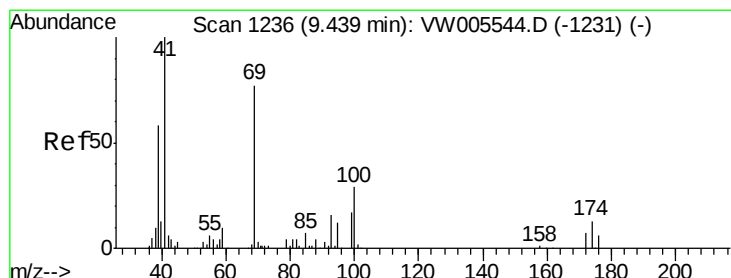
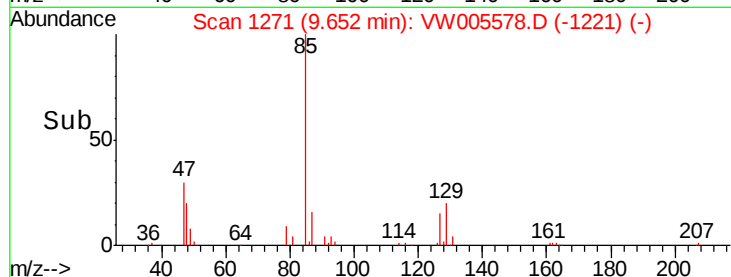
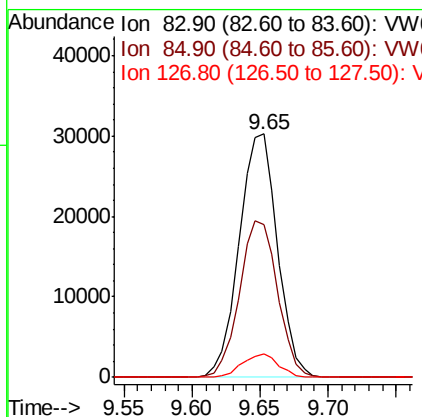
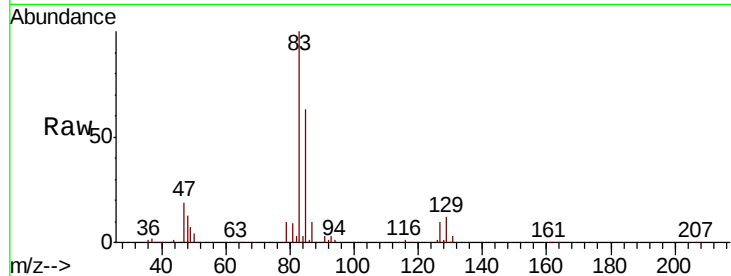
#47
Bromodichloromethane
Concen: 20.297 ug/l
RT: 9.65 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampled :
VW0924SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	59475		
85	62.6	50.5	75.7	
127	9.5	7.0	10.6	

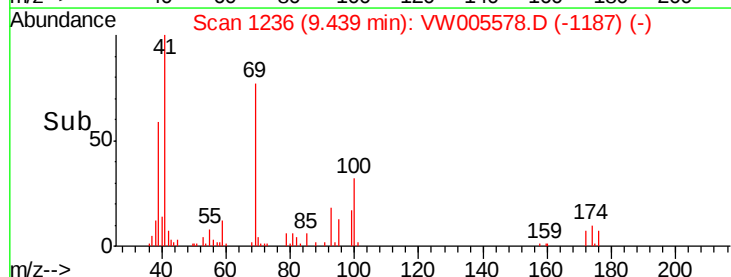
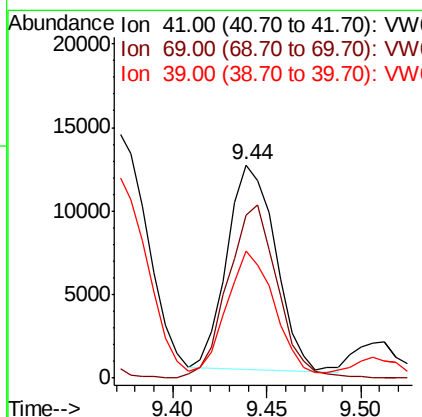
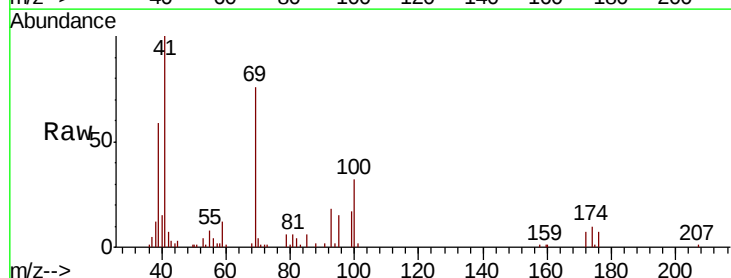
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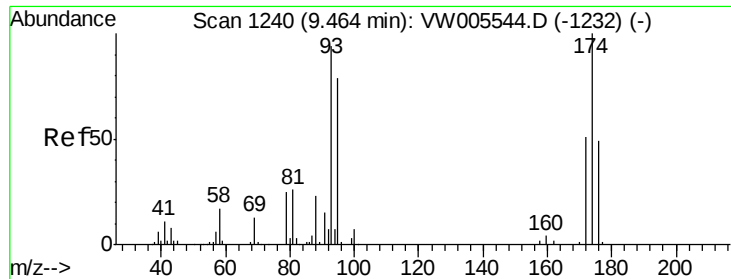
apatel
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#48
Methyl methacrylate
Concen: 17.972 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	22121		
69	85.6	64.7	97.1	
39	57.1	50.5	75.7	





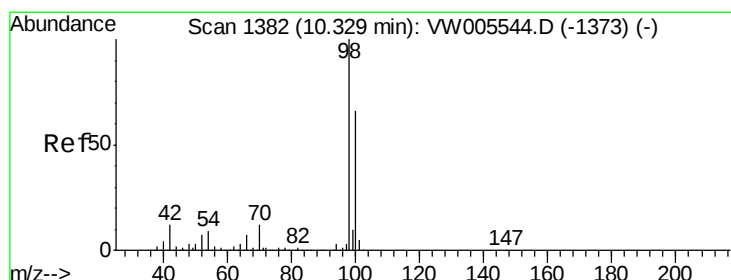
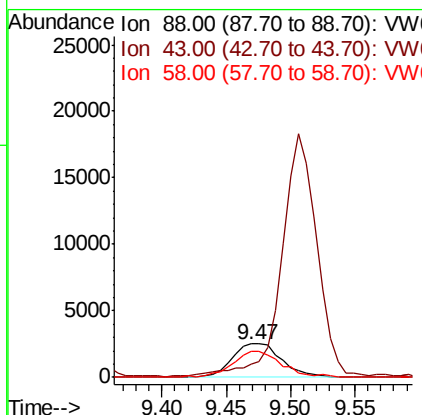
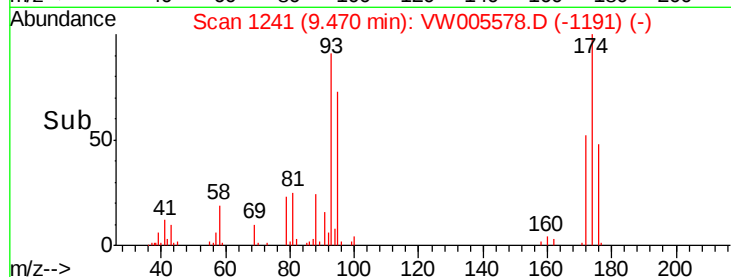
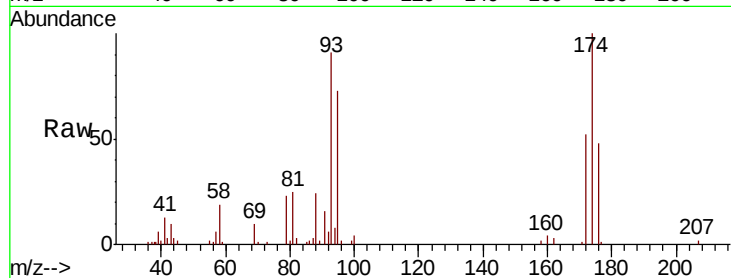
#49
1,4-Dioxane
Concen: 386.844 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	78.2	61.2	91.8

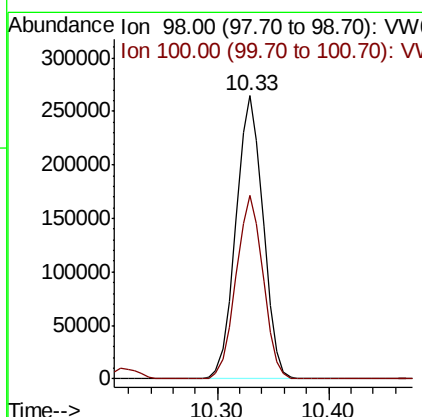
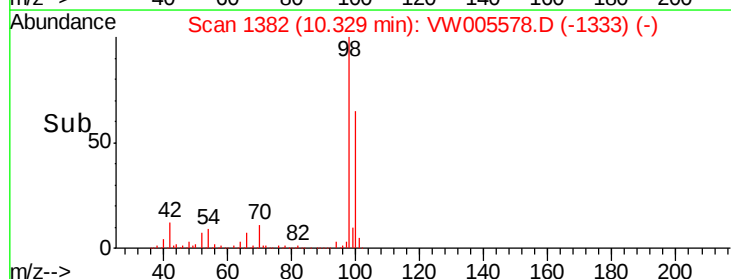
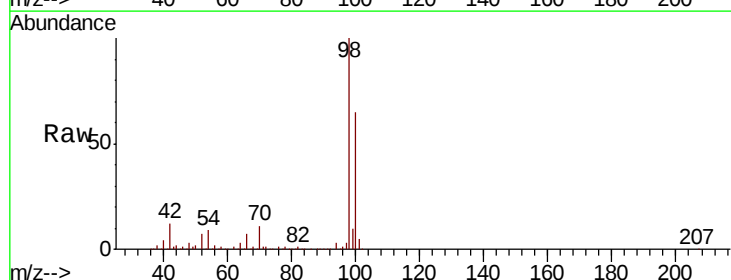
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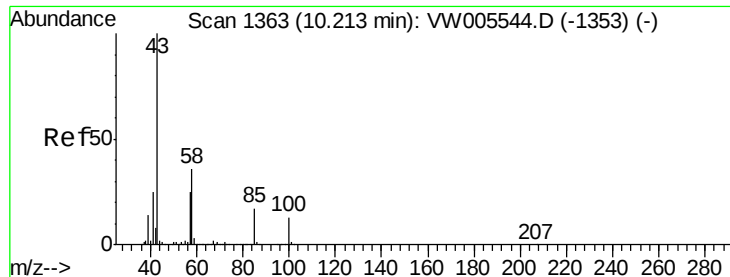
apatel
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#50
Toluene-d8
Concen: 56.079 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 87.548 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

Tot Ion: 43 Resp: 114265

Ion Ratio Lower Upper

43 100

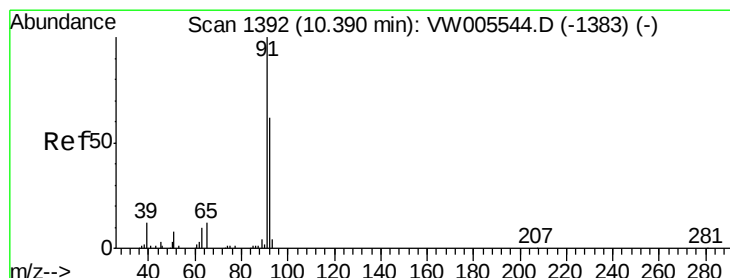
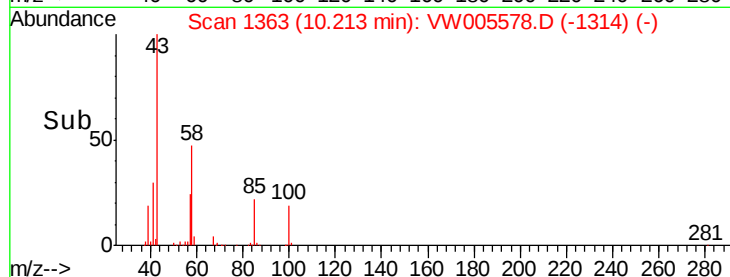
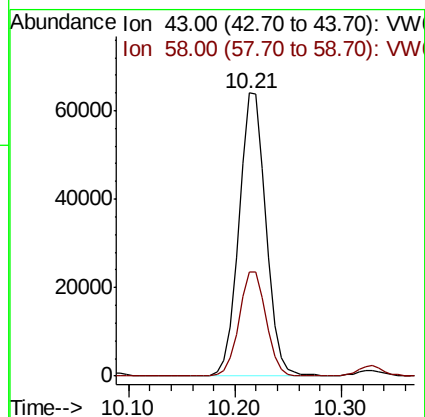
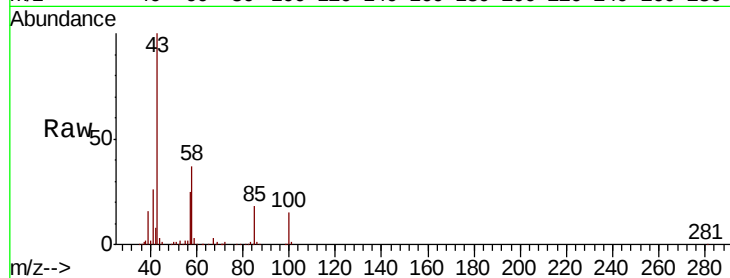
58 37.0 30.0 45.0

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#52

Toluene

Concen: 21.697 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005578.D

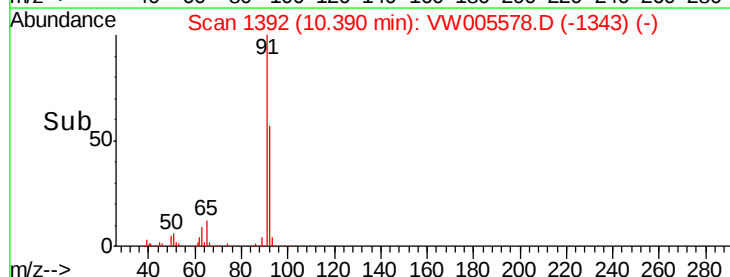
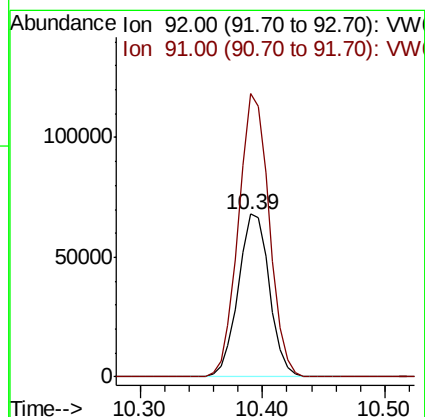
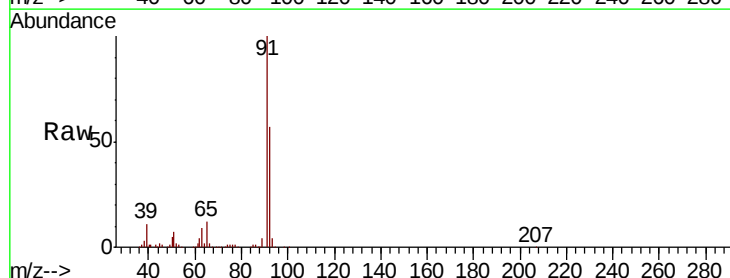
Acq: 24 Sep 2018 12:21

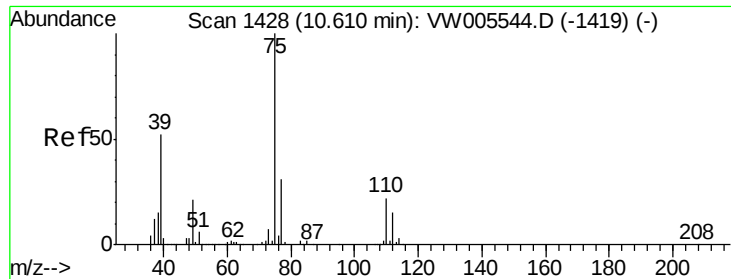
Tgt Ion: 92 Resp: 120135

Ion Ratio Lower Upper

92 100

91 171.7 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 20.329 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

Tot Ion: 75 Resp: 59717

Ion Ratio Lower Upper

75 100

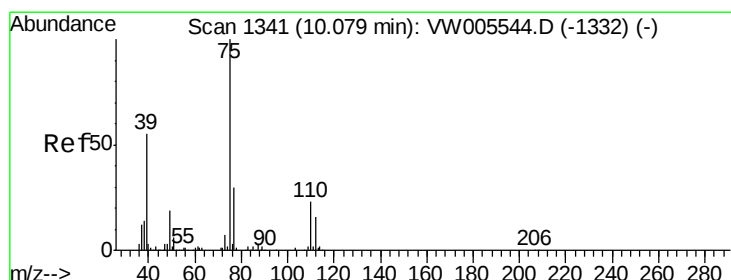
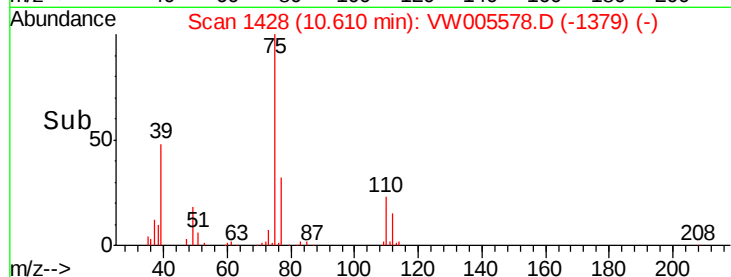
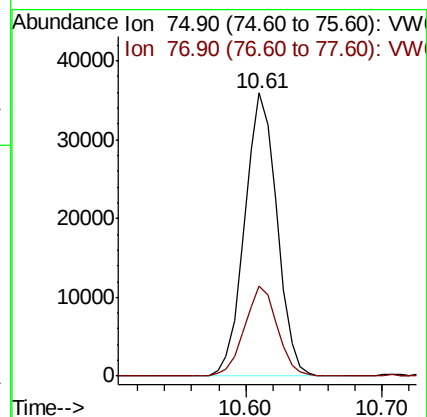
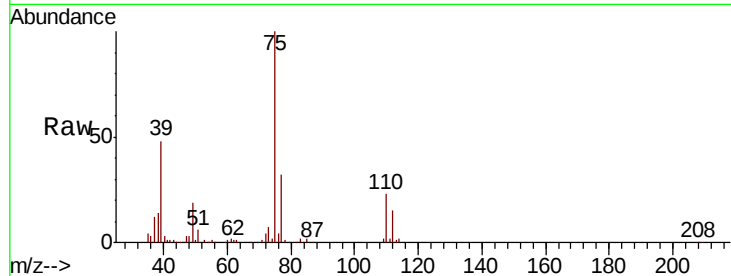
77 31.7 24.6 37.0

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#54

cis-1,3-Dichloropropene

Concen: 21.122 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

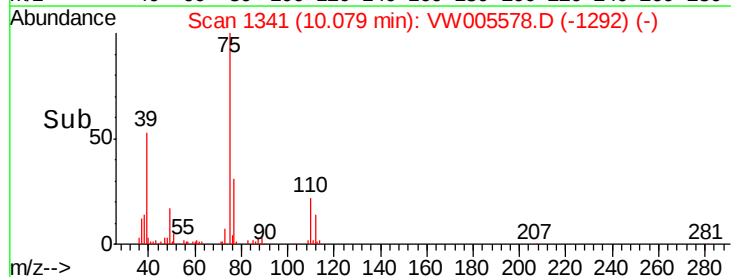
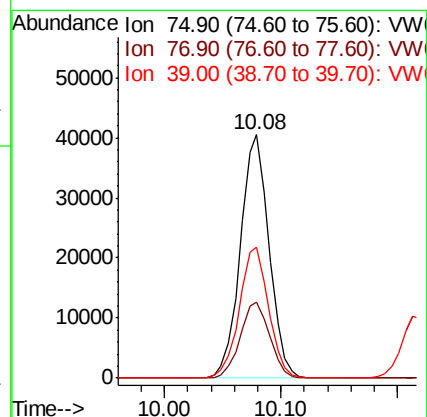
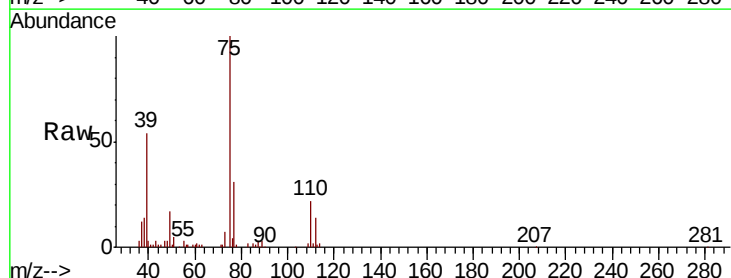
Tgt Ion: 75 Resp: 69521

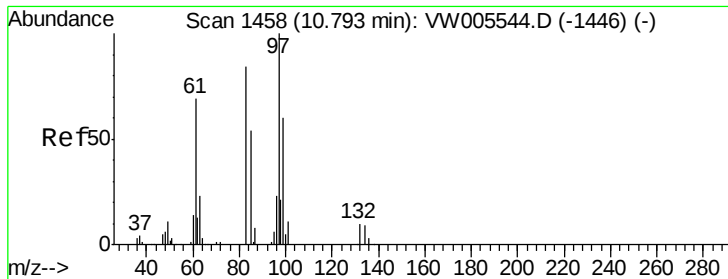
Ion Ratio Lower Upper

75 100

77 30.9 24.3 36.5

39 53.8 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 19.901 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

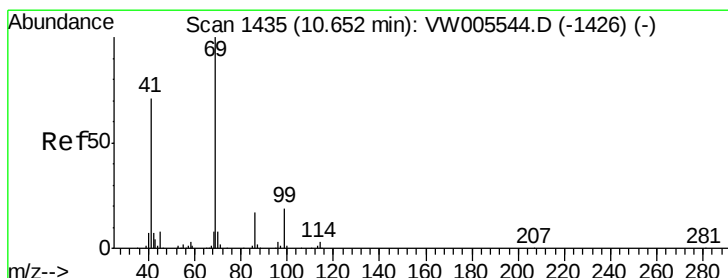
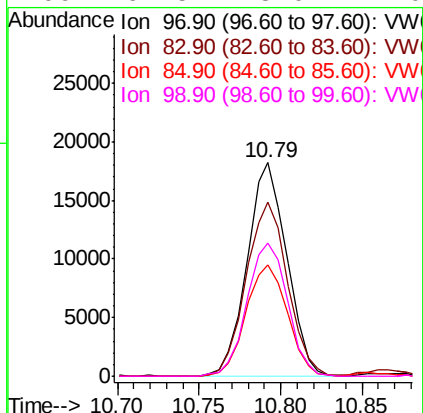
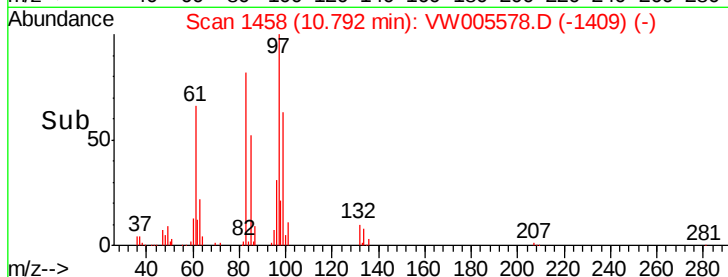
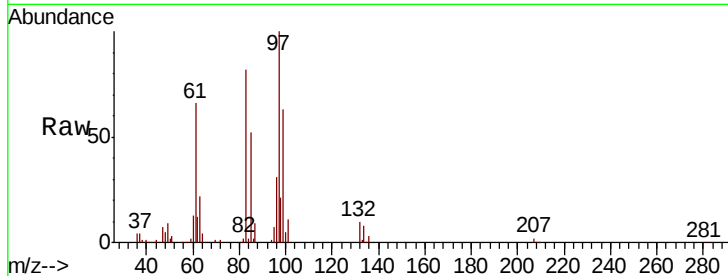
ClientSampleId :

VW0924SBS01

Tot Ion:	97	Resp:	30815
Ion	Ratio	Lower	Upper
97	100		
83	81.5	67.4	101.2
85	52.3	43.3	64.9
99	62.5	48.0	72.0

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#56

Ethyl methacrylate

Concen: 18.338 ug/l

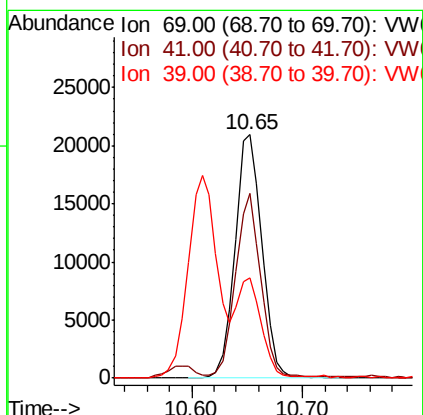
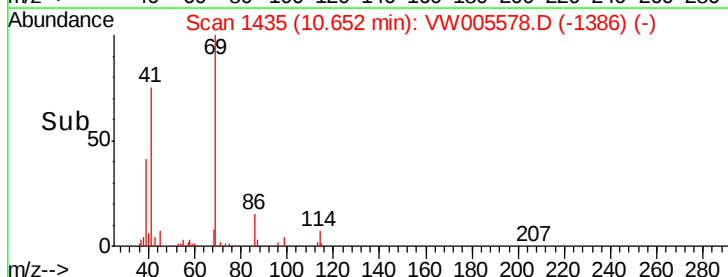
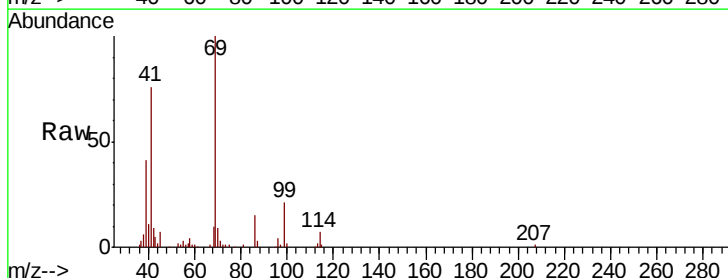
RT: 10.65 min Scan# 1435

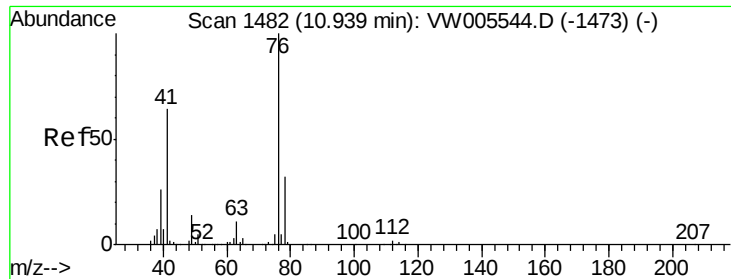
Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Tgt Ion:	69	Resp:	35053
Ion	Ratio	Lower	Upper
69	100		
41	70.5	57.3	85.9
39	37.1	29.2	43.8





#57

1,3-Dichloropropane

Concen: 19.123 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

Tot Ion: 76 Resp: 52478

Ion Ratio Lower Upper

76 100

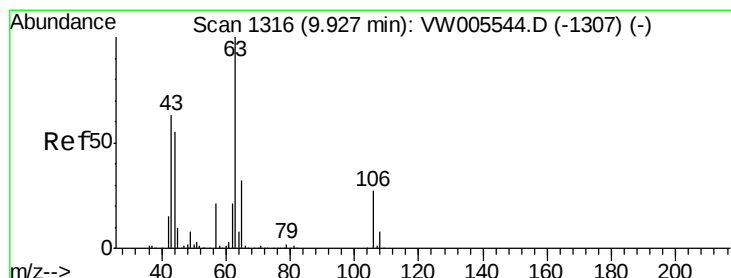
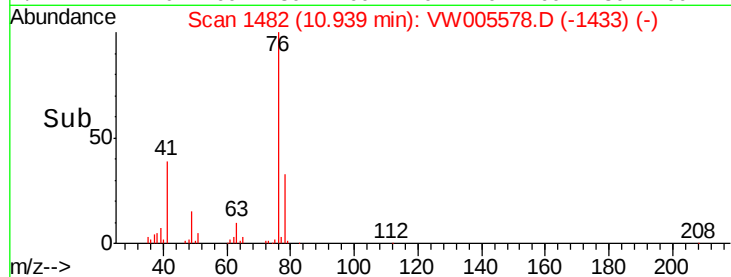
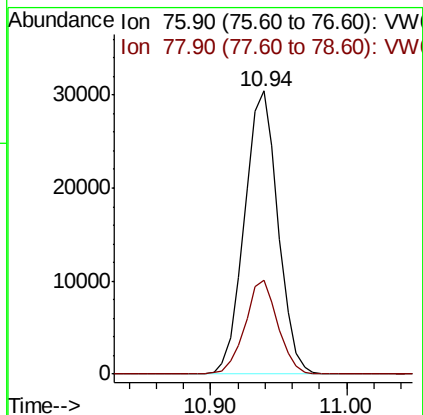
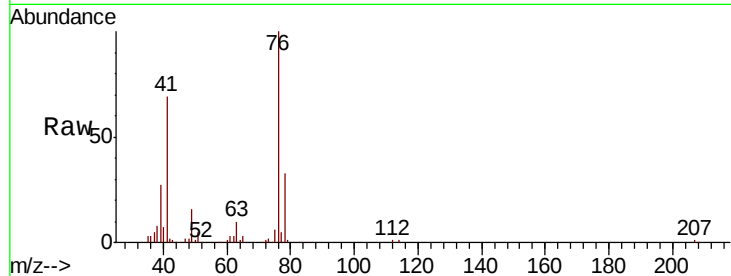
78 32.3 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 97.171 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW005578.D

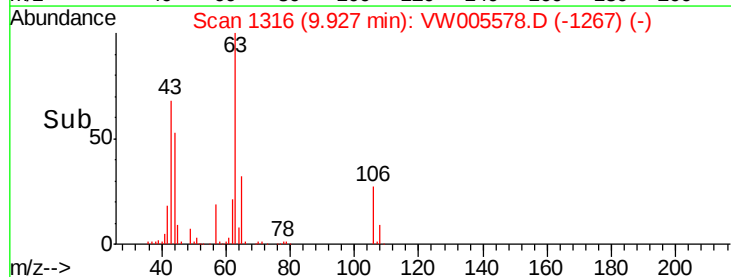
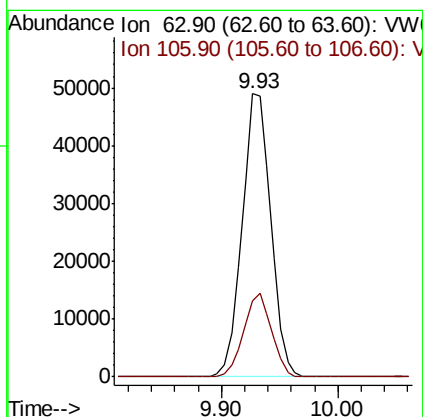
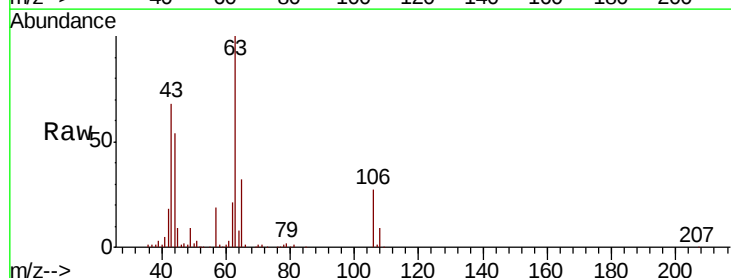
Acq: 24 Sep 2018 12:21

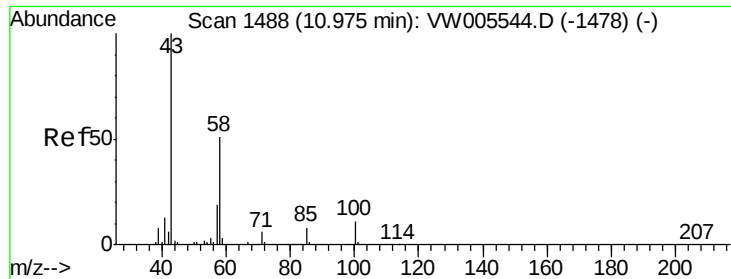
Tgt Ion: 63 Resp: 84196

Ion Ratio Lower Upper

63 100

106 28.6 21.6 32.4





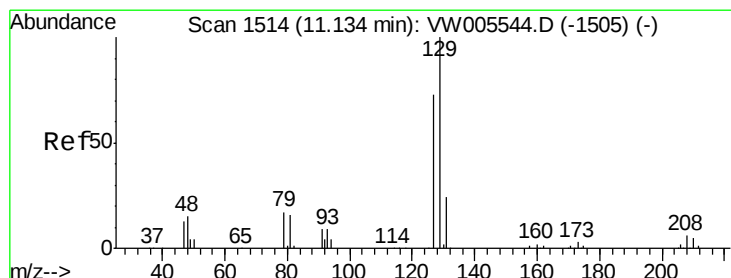
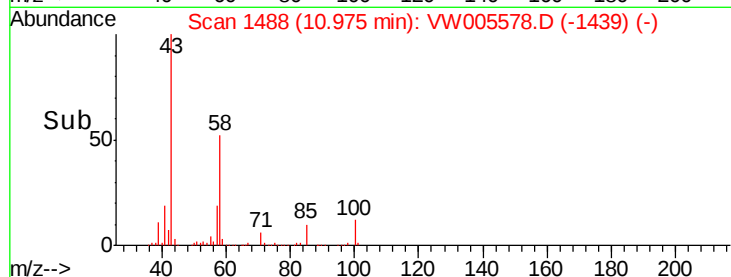
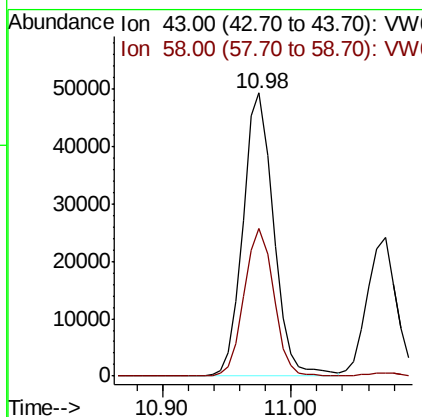
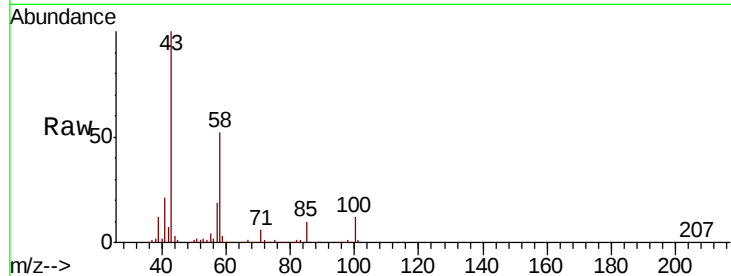
#59
2-Hexanone
Concen: 91.397 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion: 43 Resp: 81036
Ion Ratio Lower Upper
43 100
58 50.2 25.3 75.9

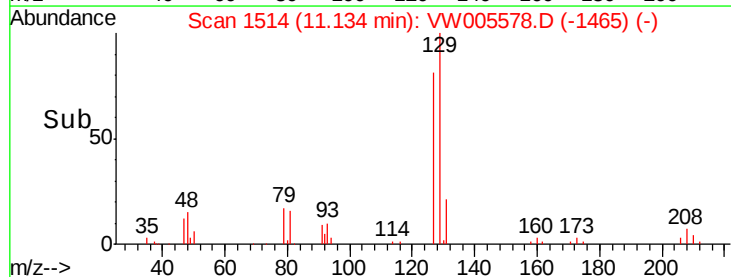
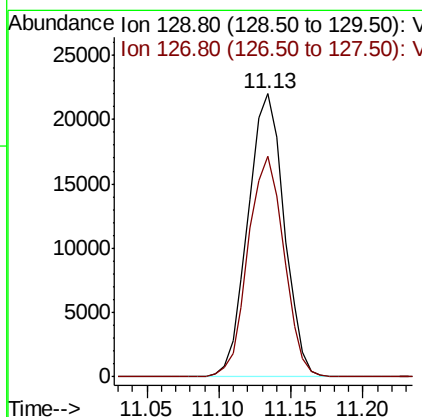
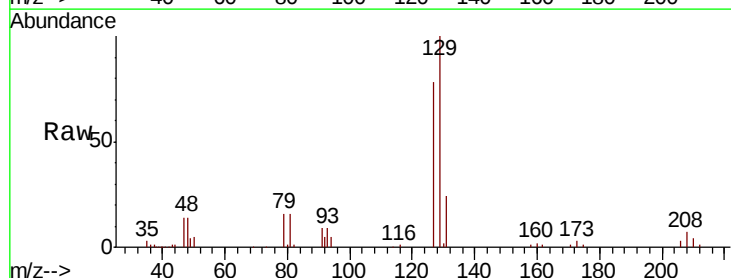
Manual Integrations
APPROVED

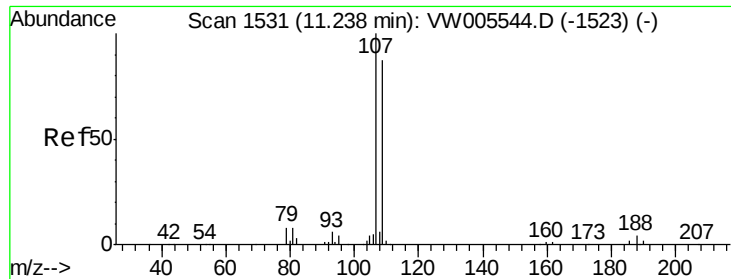
apatel
9/25/2018 11:55:13 AM



#60
Dibromochloromethane
Concen: 20.442 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion: 129 Resp: 38245
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





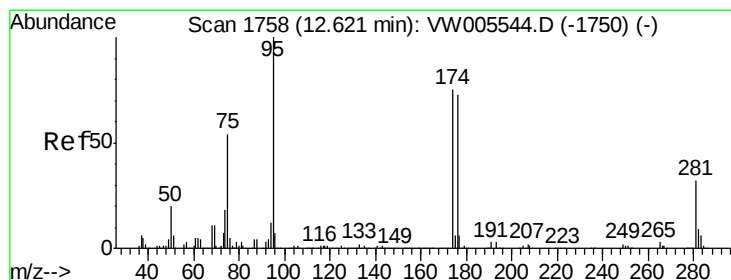
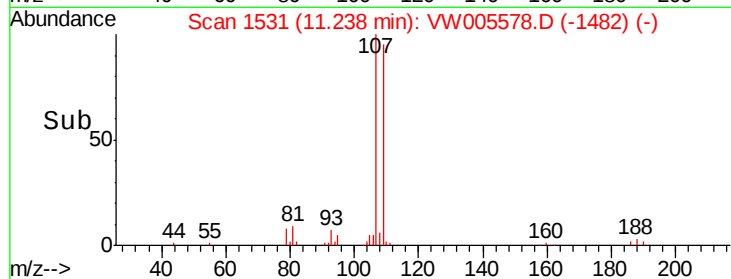
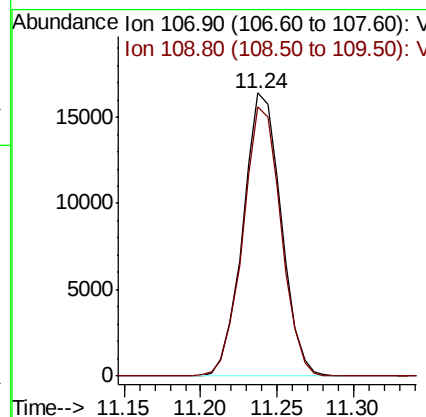
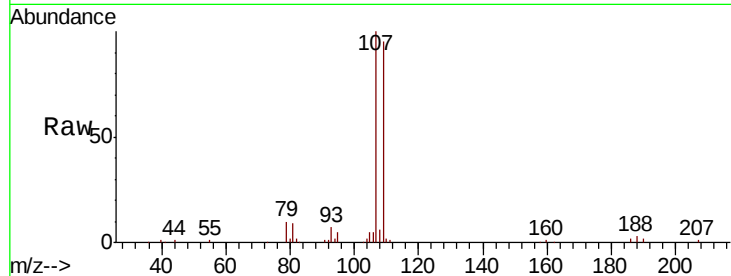
#61
 1,2-Dibromoethane
 Concen: 19.665 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	73.4	110.0

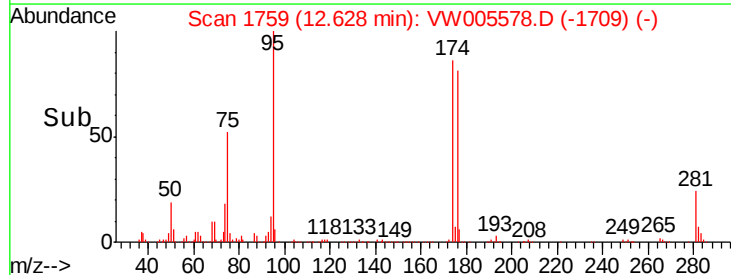
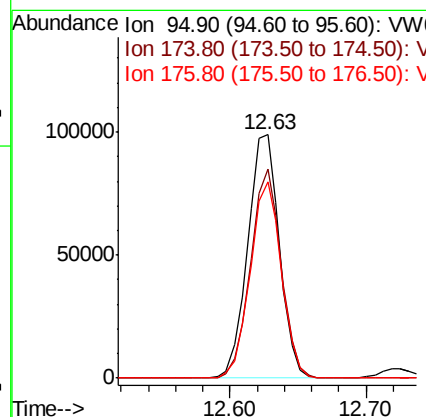
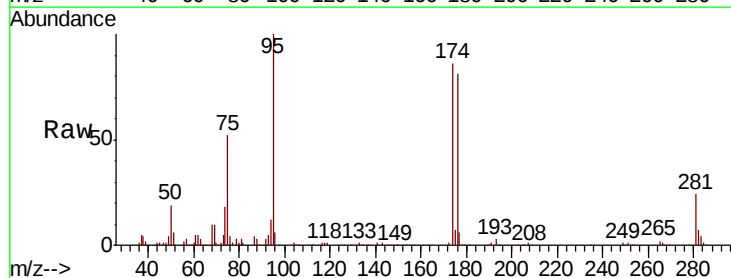
Manual Integrations
 APPROVED

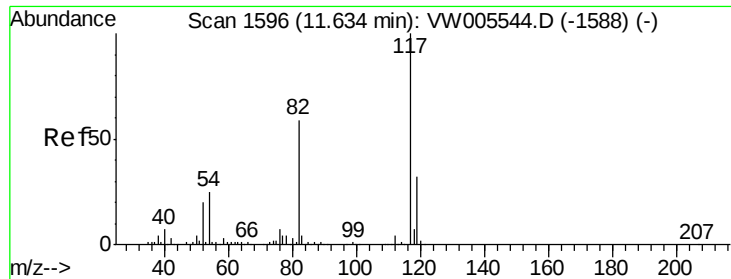
apatel
 9/25/2018 11:55:13 AM



#62
 4-Bromofluorobenzene
 Concen: 54.583 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	163.8
176	79.4	0.0	158.0





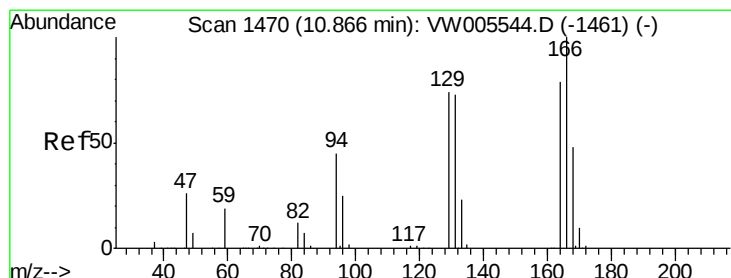
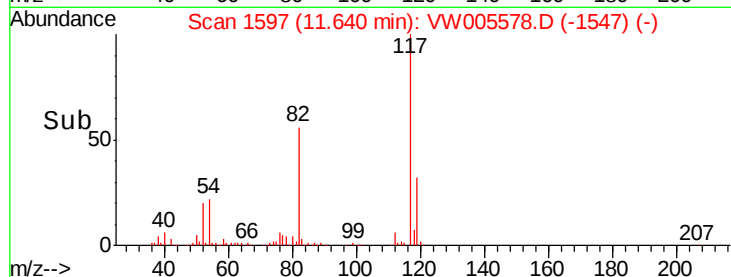
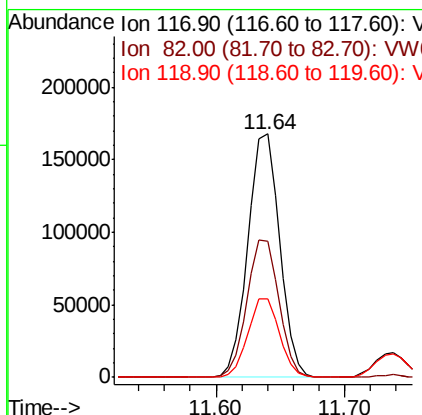
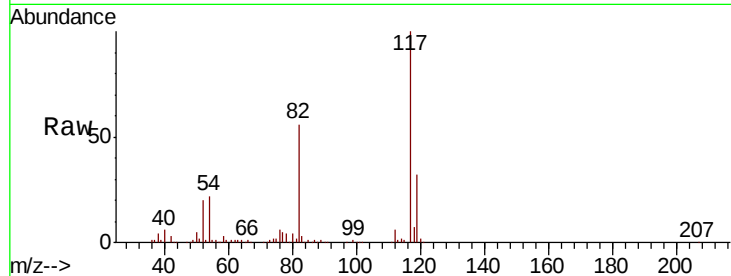
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	285386		
82	56.0		46.9	70.3
119	32.2		25.7	38.5

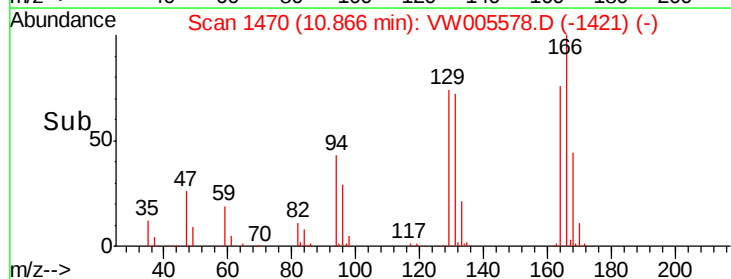
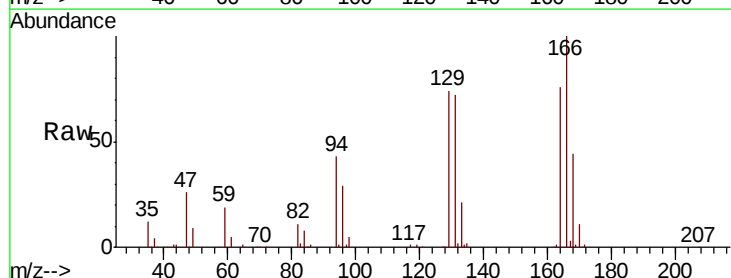
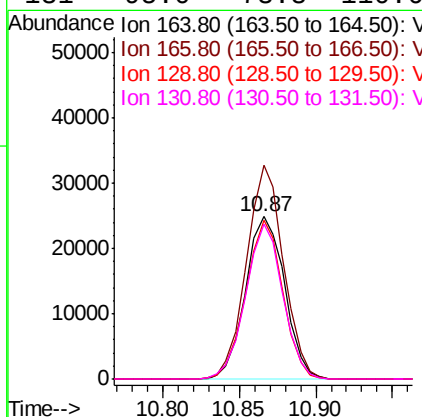
Manual Integrations
APPROVED

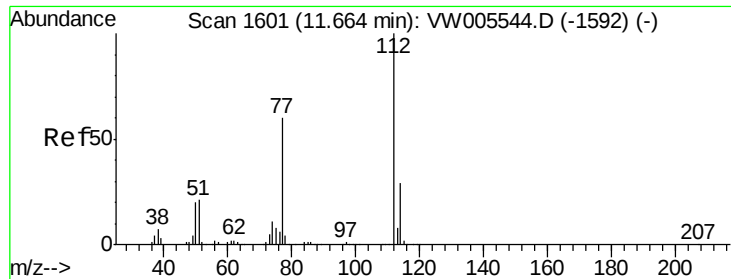
apatel
9/25/2018 11:55:13 AM



#64
Tetrachloroethene
Concen: 21.750 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	44055		
166	131.5		101.1	151.7
129	97.5		74.4	111.6
131	95.0		73.8	110.6





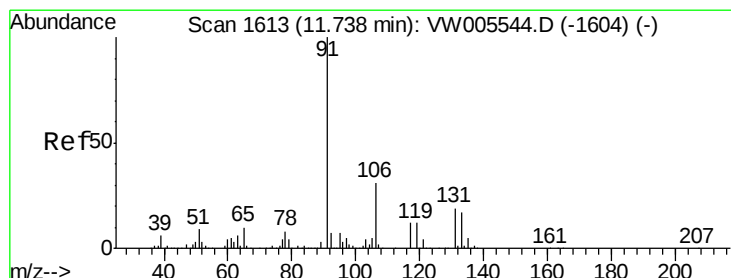
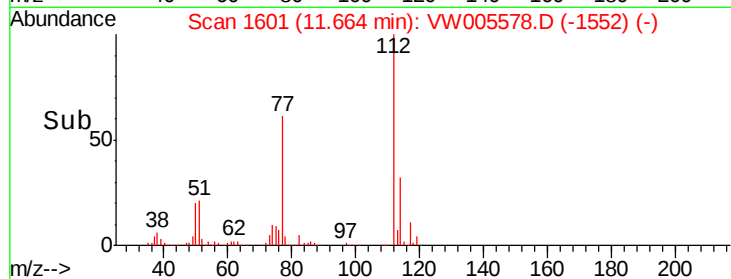
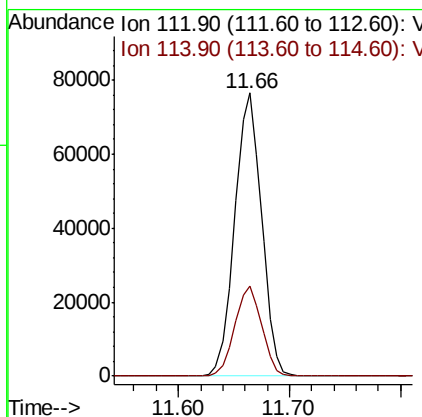
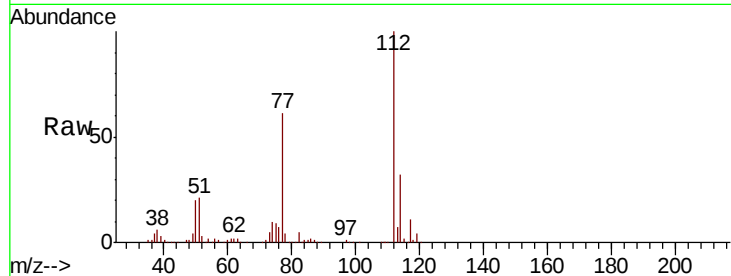
#65
Chlorobenzene
Concen: 21.064 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.9	34.3

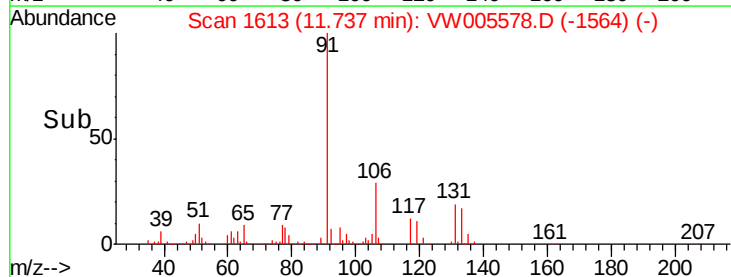
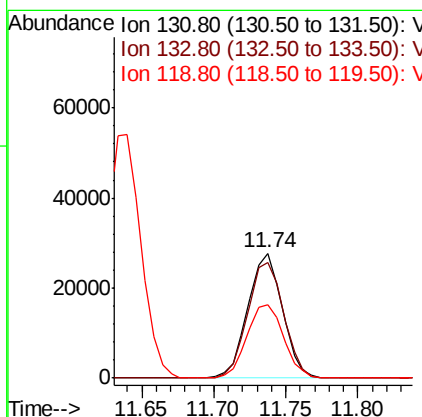
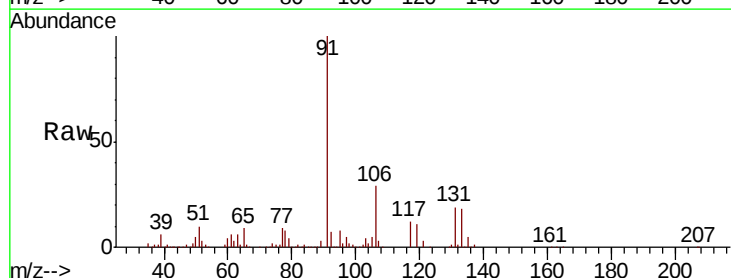
Manual Integrations
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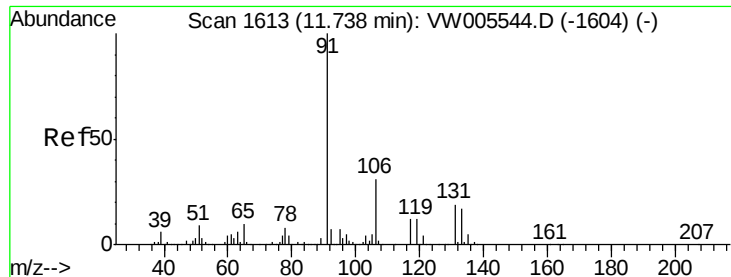
apatel
9/25/2018 11:55:13 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.942 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.1	47.2	141.6
119	62.9	31.1	93.2





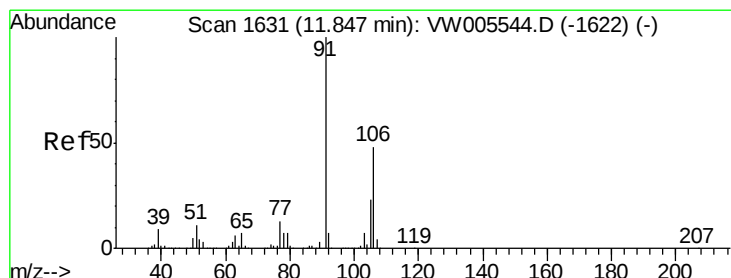
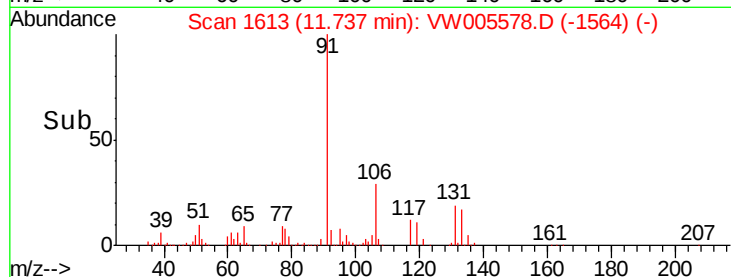
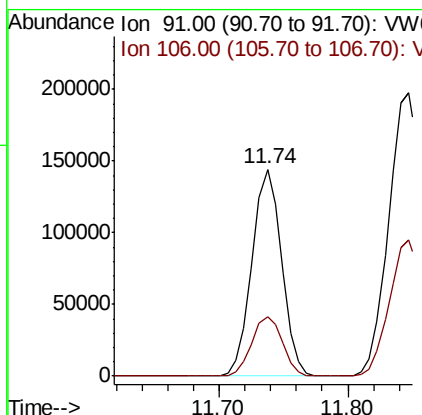
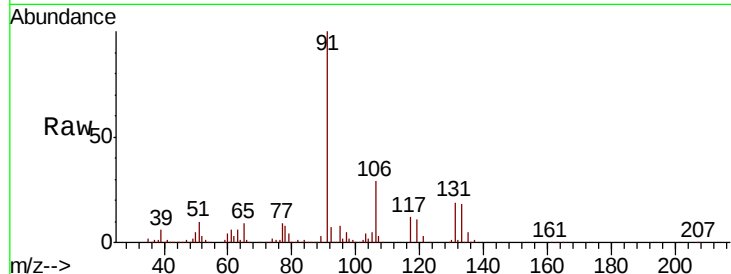
#67
Ethyl Benzene
Concen: 21.320 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion: 91 Resp: 229269
Ion Ratio Lower Upper
91 100
106 28.9 24.4 36.6

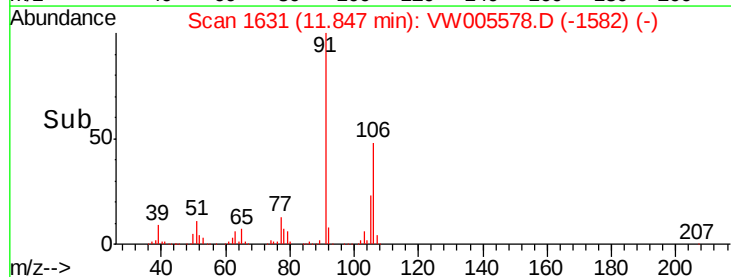
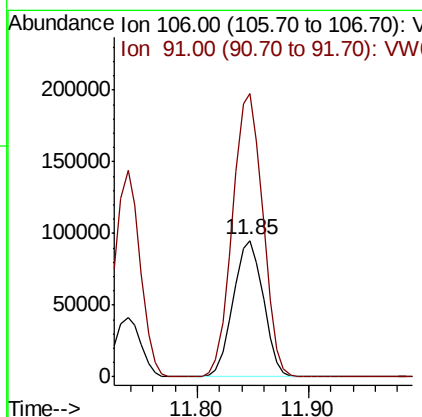
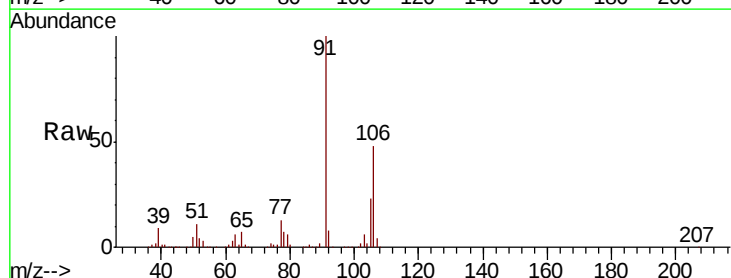
Manual Integrations
APPROVED

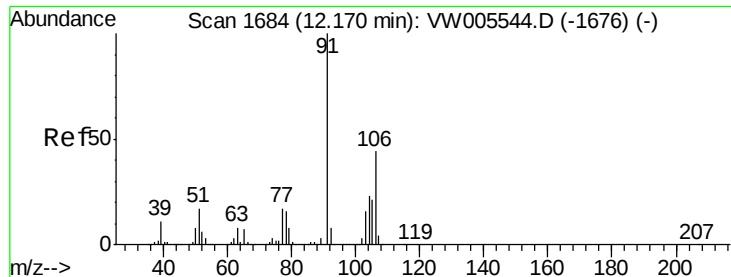
apatel
9/25/2018 11:55:13 AM



#68
m/p-Xylenes
Concen: 43.946 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion: 106 Resp: 178543
Ion Ratio Lower Upper
106 100
91 209.1 167.8 251.8





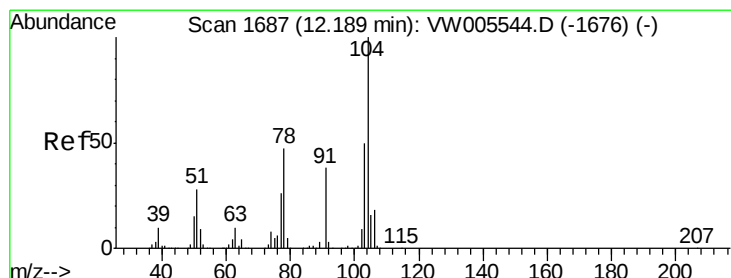
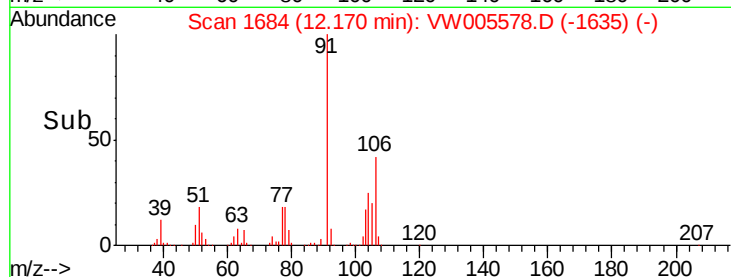
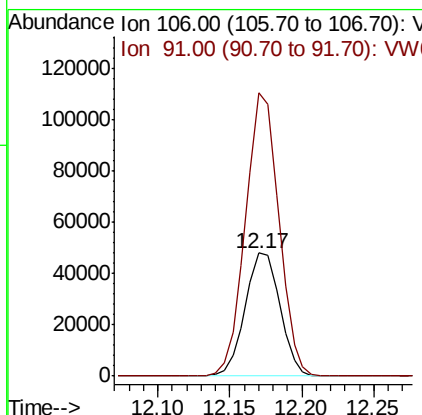
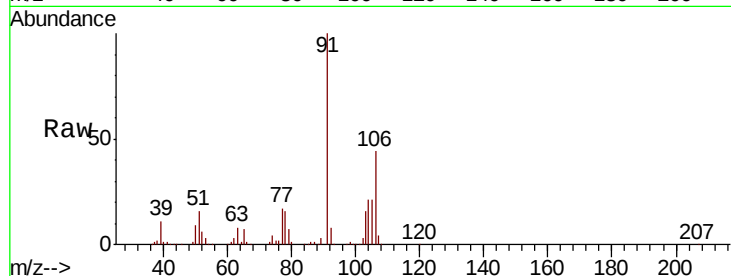
#69
o-Xylene
Concen: 21.150 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion:106 Resp: 80476
Ion Ratio Lower Upper
106 100
91 220.7 111.0 333.0

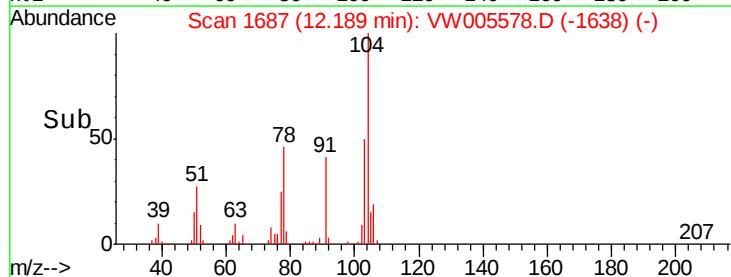
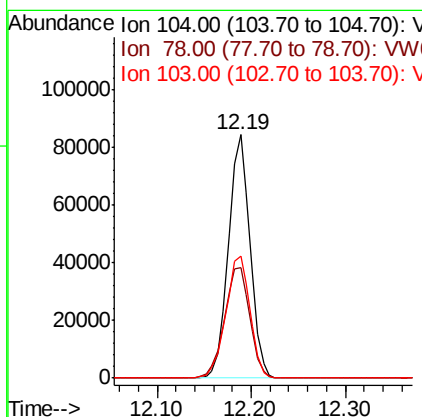
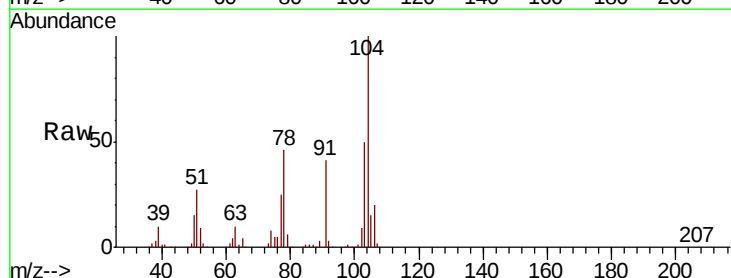
Manual Integrations
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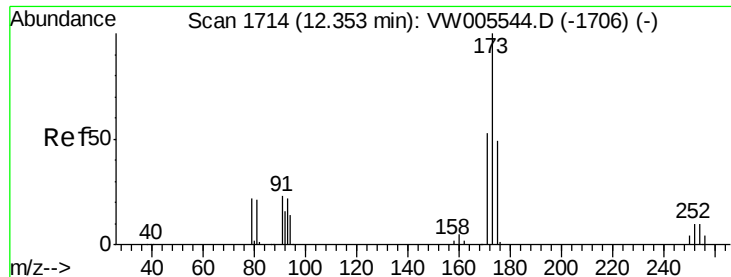
apatel
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#70
Styrene
Concen: 21.035 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion:104 Resp: 134696
Ion Ratio Lower Upper
104 100
78 52.9 42.2 63.4
103 55.7 44.6 66.8





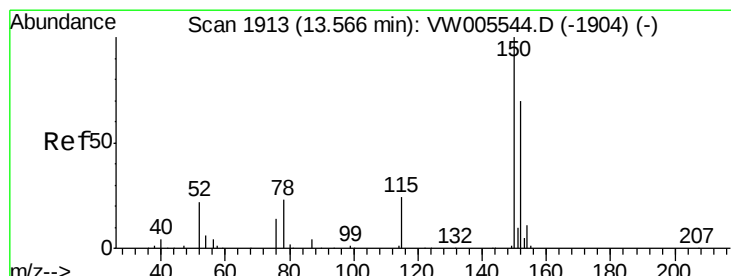
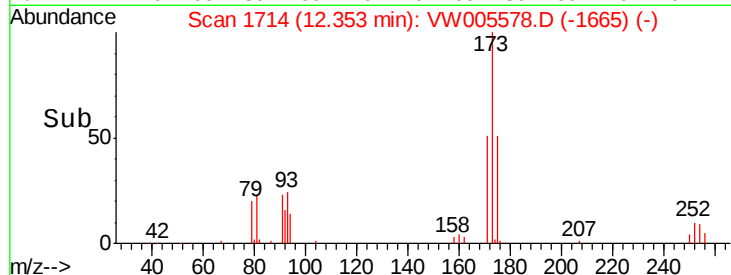
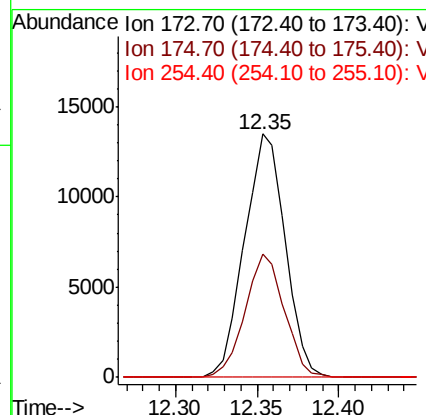
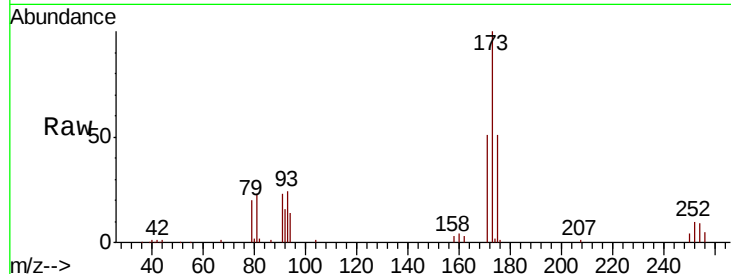
#71
Bromoform
Concen: 20.274 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	72.9
254	0.0	0.1	0.1#

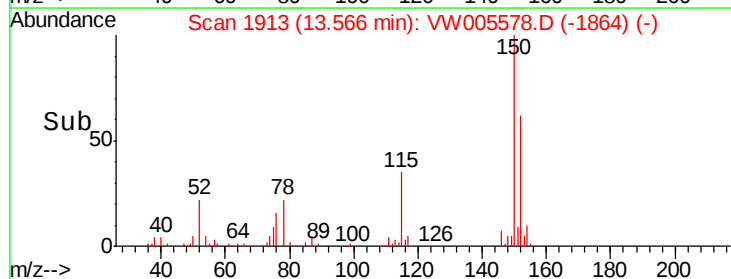
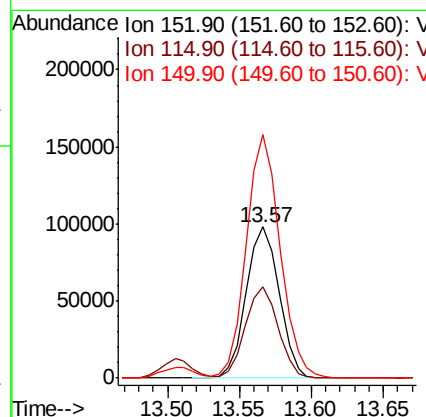
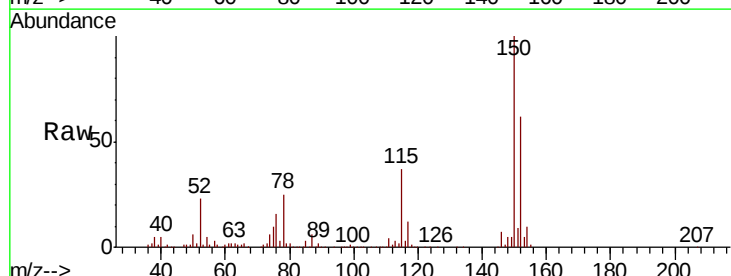
Manual Integrations
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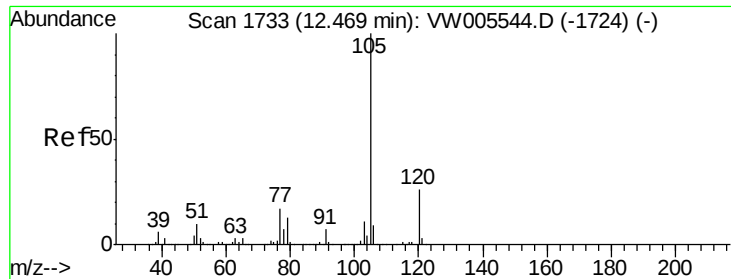
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.0	90.0
150	164.2	0.0	348.6





#73

Isopropylbenzene

Concen: 21.916 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

Tot Ion:105 Resp: 236686

Ion Ratio Lower Upper

105 100

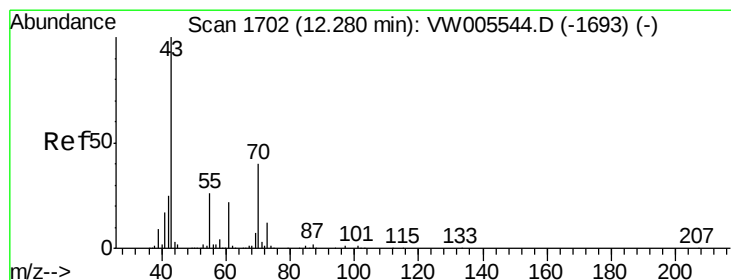
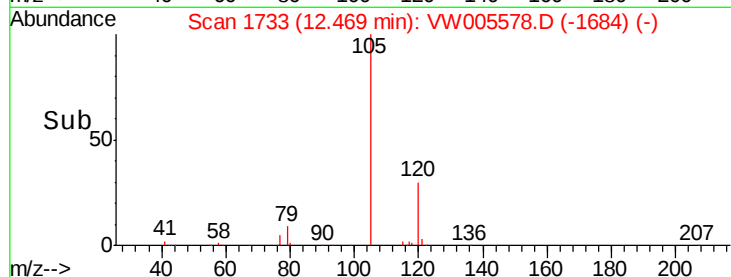
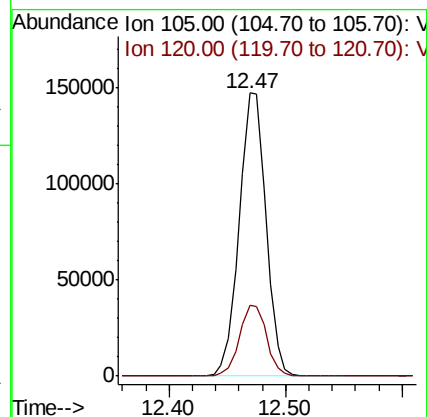
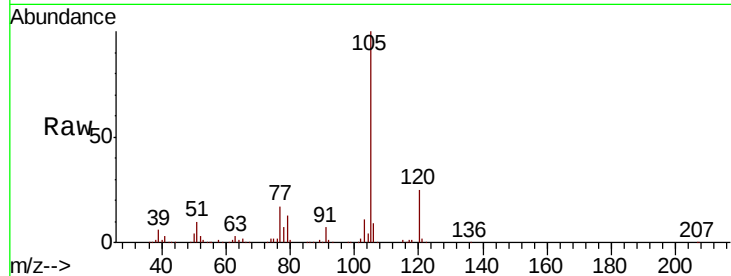
120 25.3 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 17.237 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Tgt Ion: 43 Resp: 42152

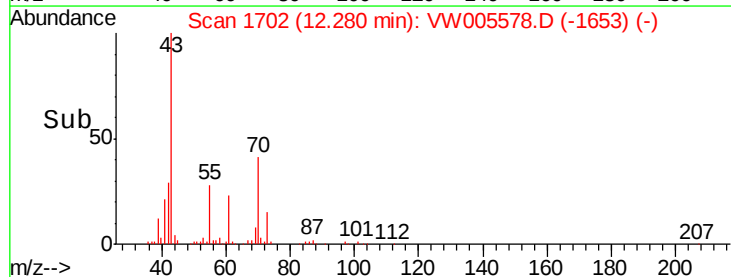
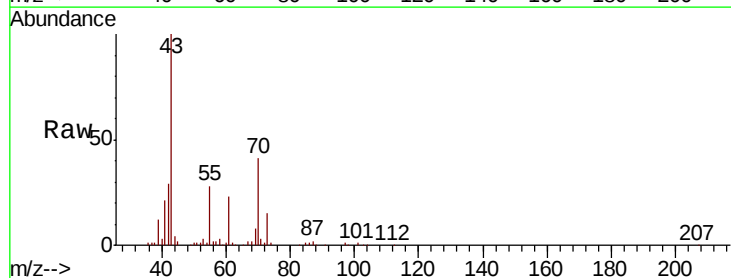
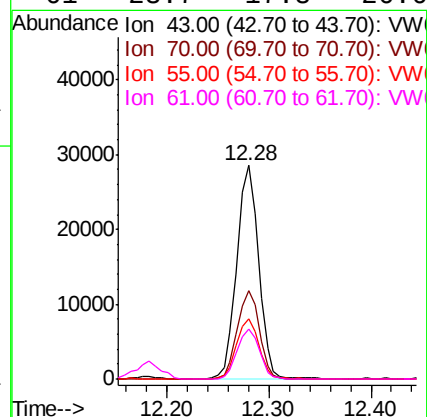
Ion Ratio Lower Upper

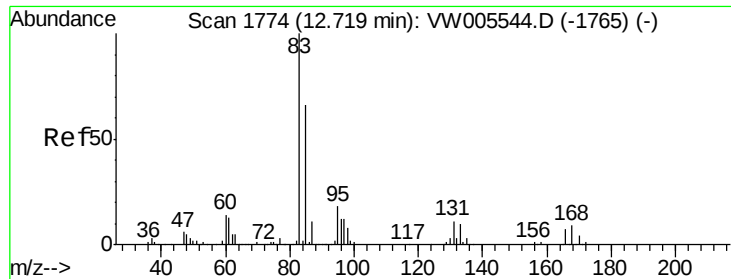
43 100

70 41.5 31.4 47.0

55 29.0 20.9 31.3

61 23.7 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.971 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

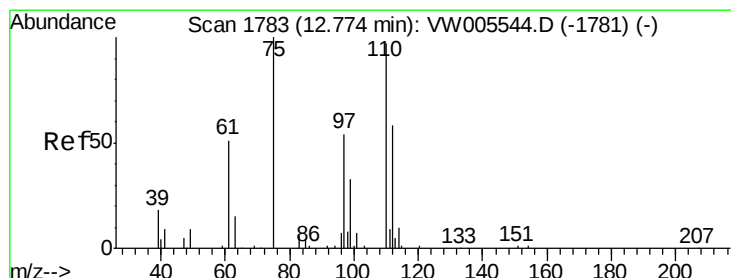
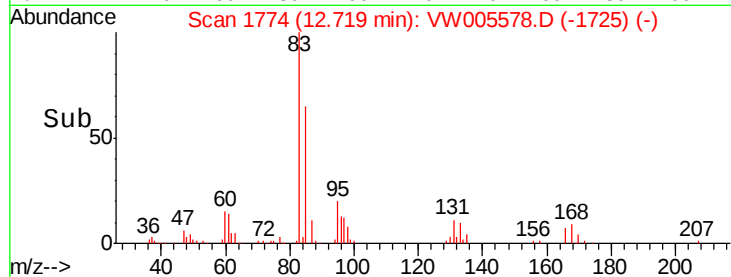
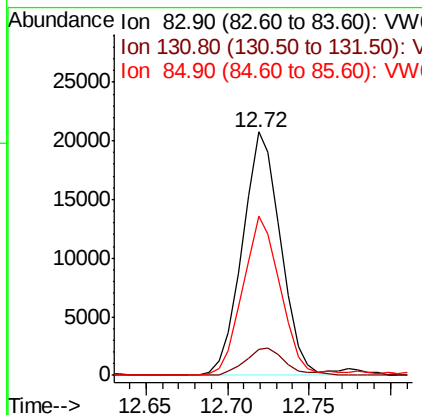
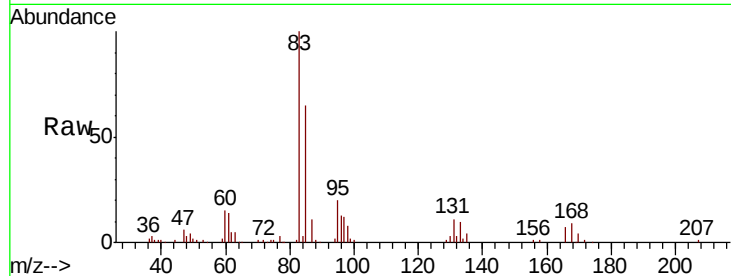
ClientSampleId :

VW0924SBS01

Tot Ion:	83	Resp:	34031
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.5	16.7
85	64.9	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 22.501 ug/l m

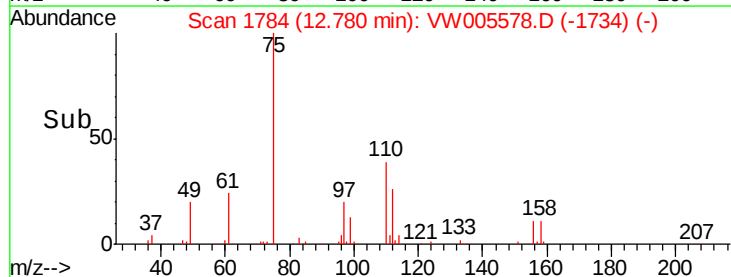
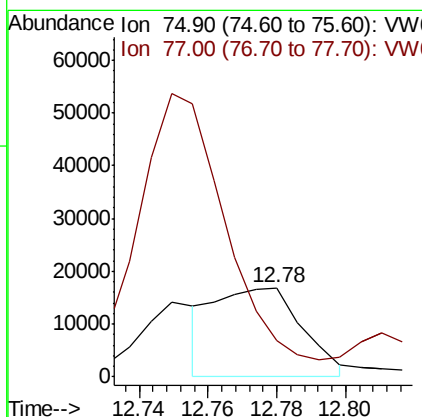
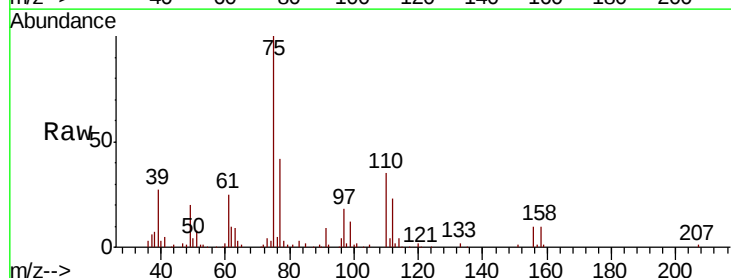
RT: 12.78 min Scan# 1784

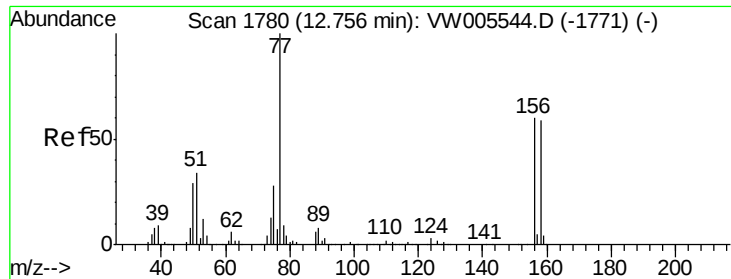
Delta R.T. 0.01 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Tgt Ion:	75	Resp:	29871
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.158 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

Tot Ion:156 Resp: 53555

Ion Ratio Lower Upper

156 100

77 183.9 94.7 284.1

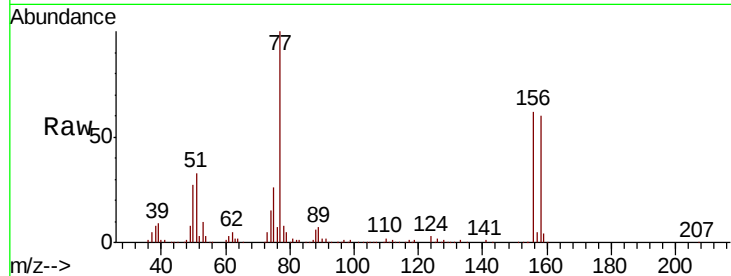
158 95.7 48.0 144.2

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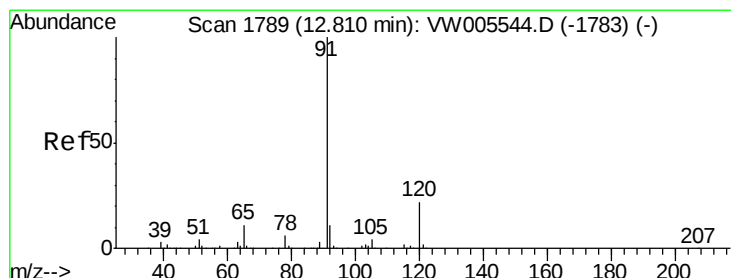
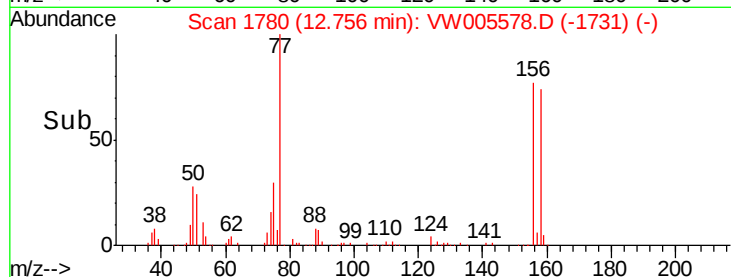
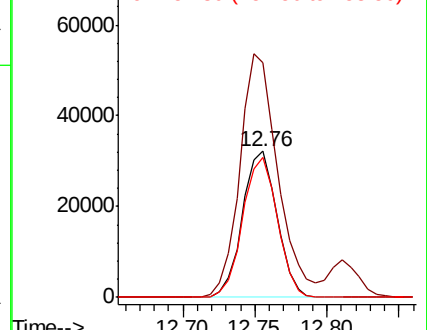
9/25/2018 11:55:13 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.903 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005578.D

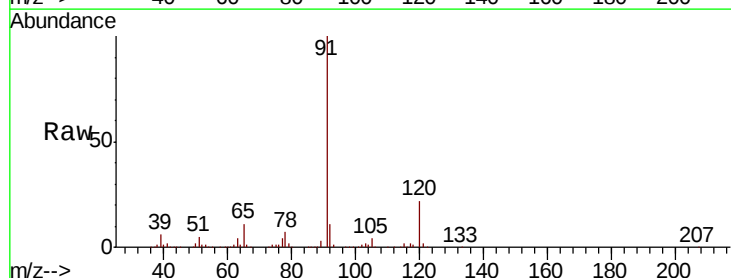
Acq: 24 Sep 2018 12:21

Tgt Ion: 91 Resp: 286384

Ion Ratio Lower Upper

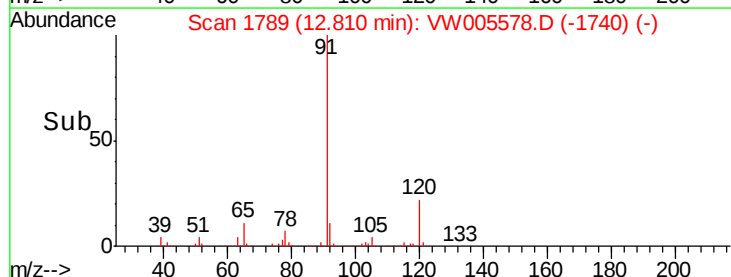
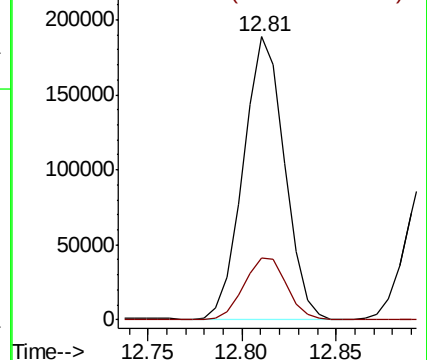
91 100

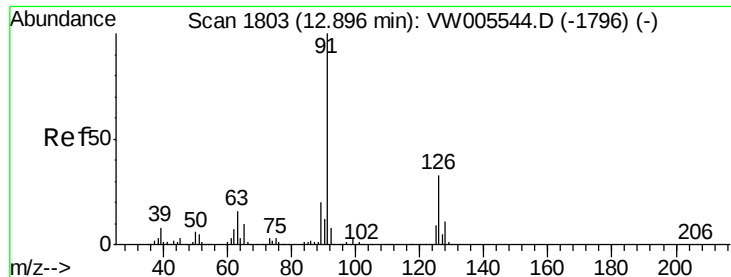
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.684 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

ClientSampled :

VW0924SBS01

Tot Ion: 91 Resp: 164033

Ion Ratio Lower Upper

91 100

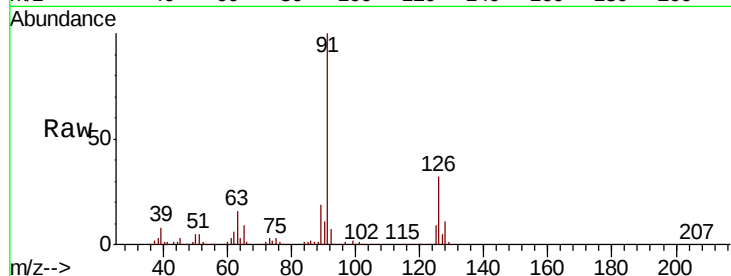
126 32.7 16.4 49.1

Manual Integrations

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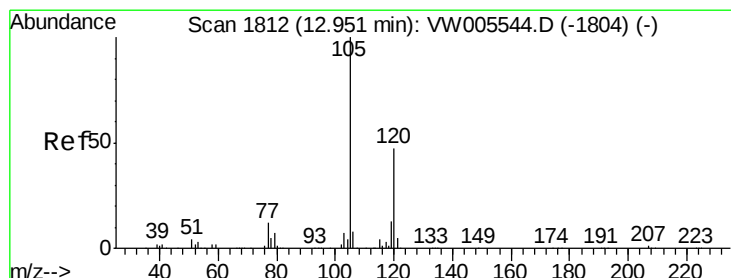
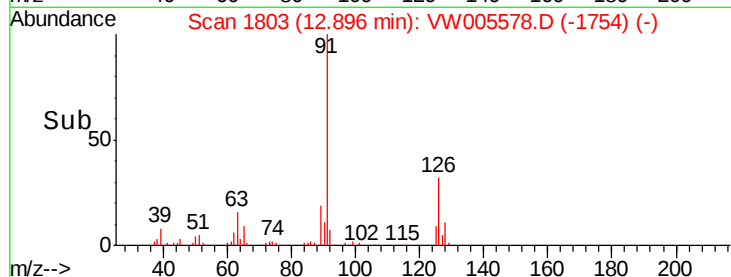
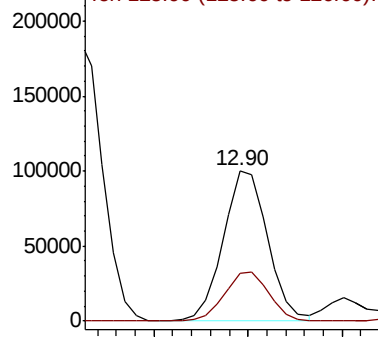
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.948 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005578.D

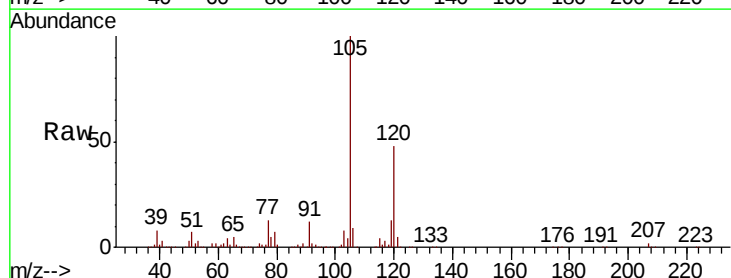
Acq: 24 Sep 2018 12:21

Tgt Ion:105 Resp: 206111

Ion Ratio Lower Upper

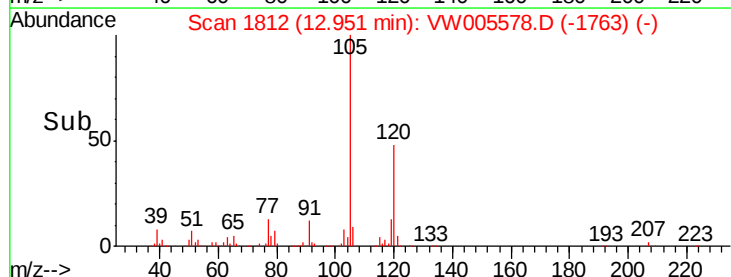
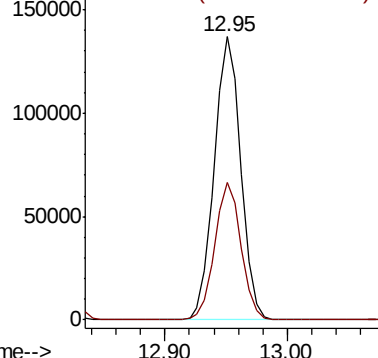
105 100

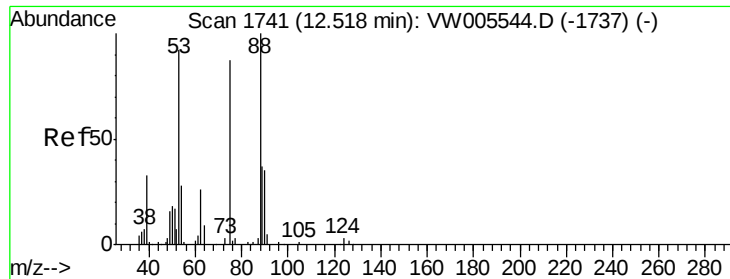
120 48.0 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





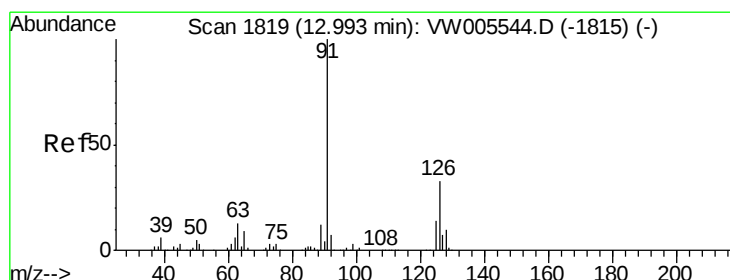
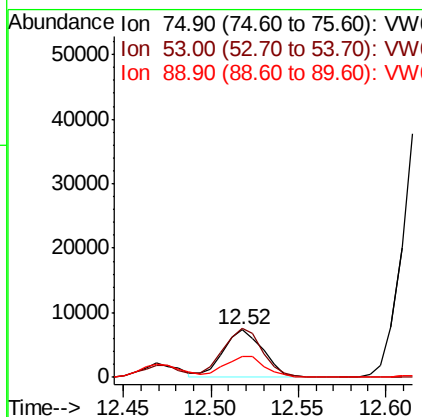
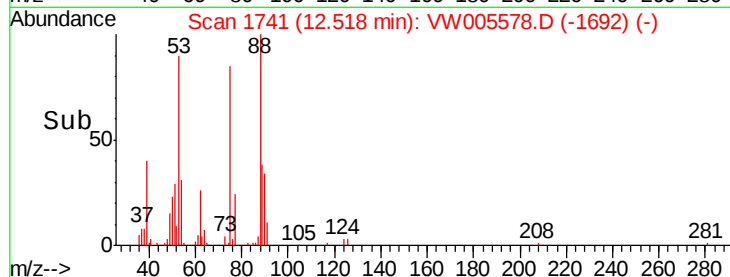
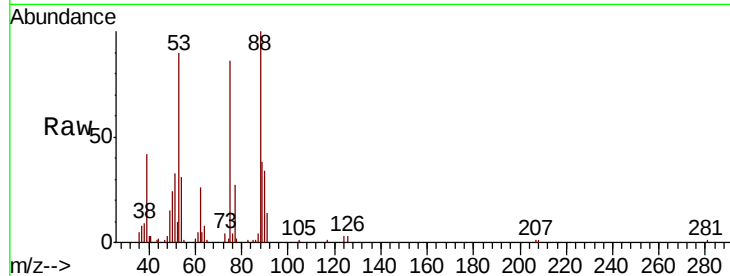
#81
trans-1,4-Dichloro-2-butene
Concen: 19.978 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.8	85.8	128.6
89	44.2	37.3	55.9

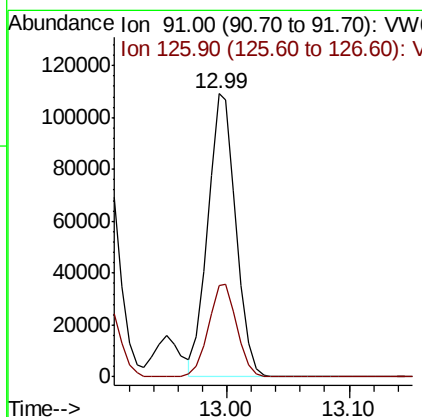
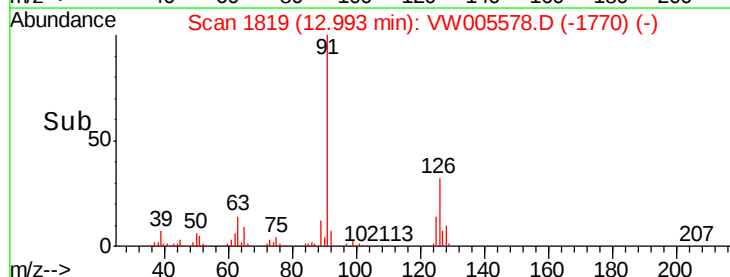
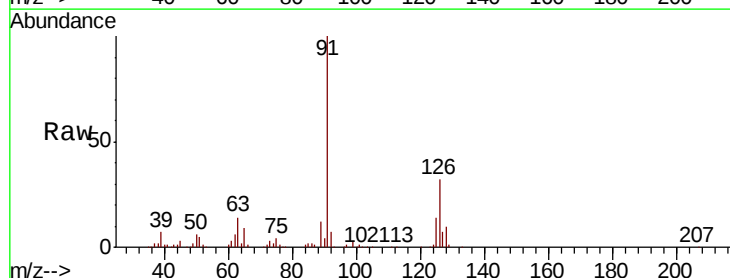
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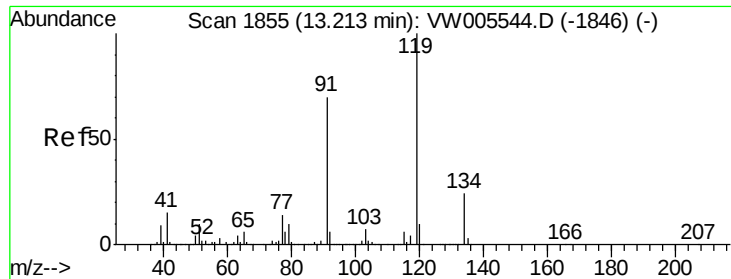
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#82
4-Chlorotoluene
Concen: 21.737 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.4	49.4





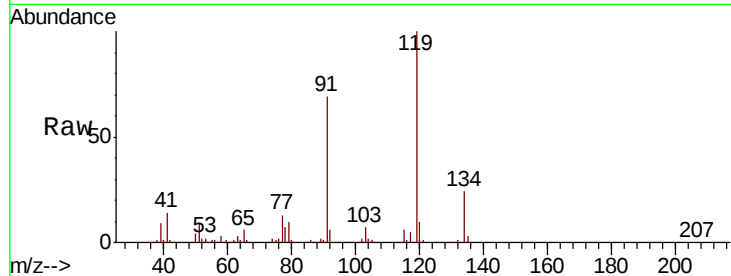
#83
 tert-Butylbenzene
 Concen: 21.869 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	172532		
91	69.4	34.6	103.8	
134	23.9	12.6	37.6	

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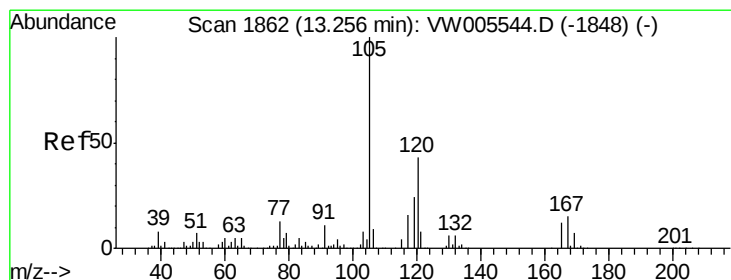
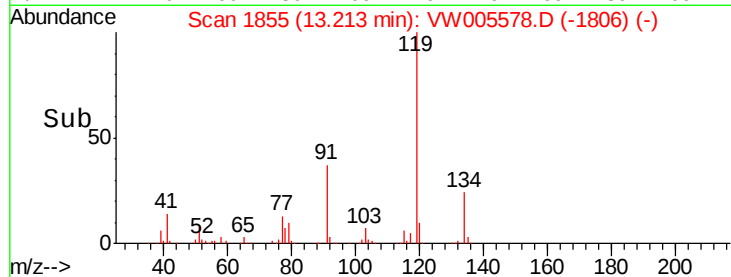
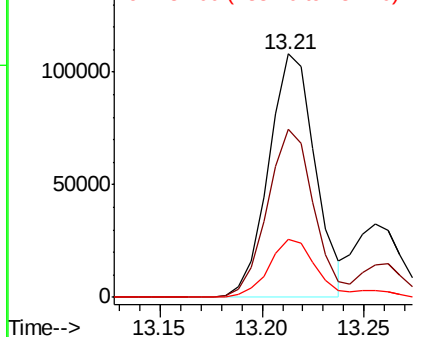


Abundance

Ion 119.00 (118.70 to 119.70): V

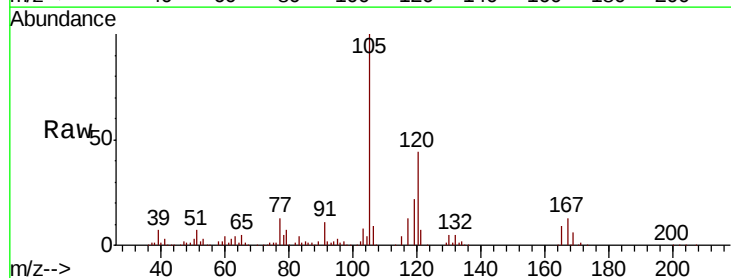
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
 1,2,4-Trimethylbenzene
 Concen: 22.254 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

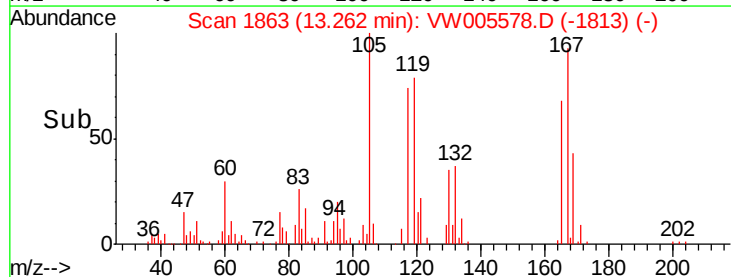
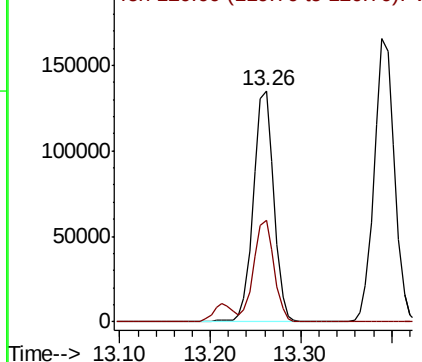
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	210890		
120	43.6	21.5	64.5	

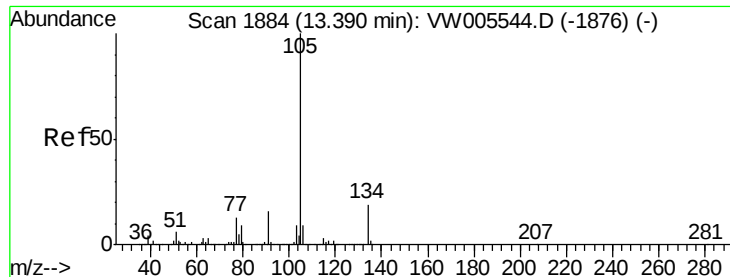


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.310 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

Tot Ion:105 Resp: 255279

Ion Ratio Lower Upper

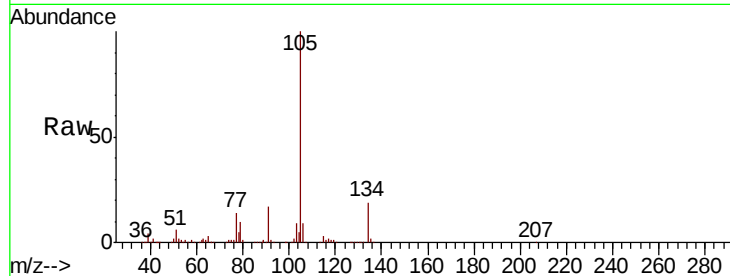
105 100

134 20.0 9.8 29.5

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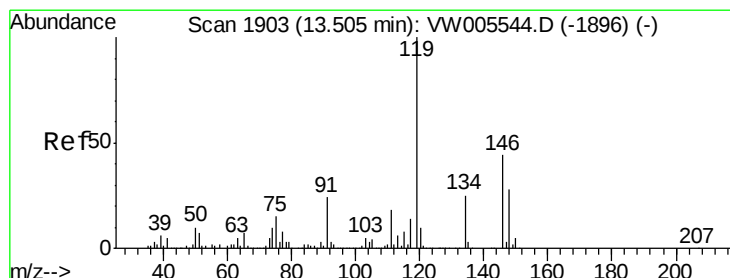
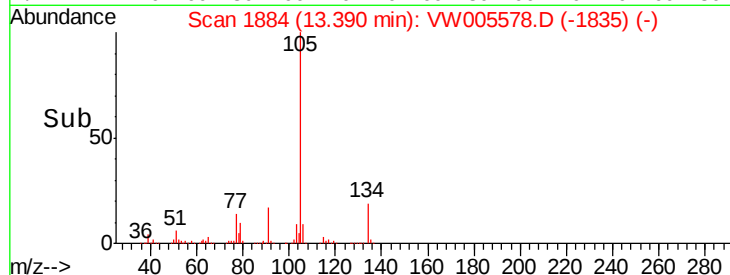
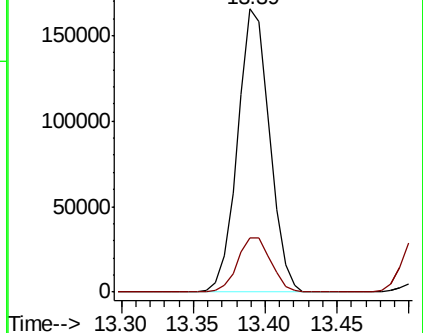
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.594 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

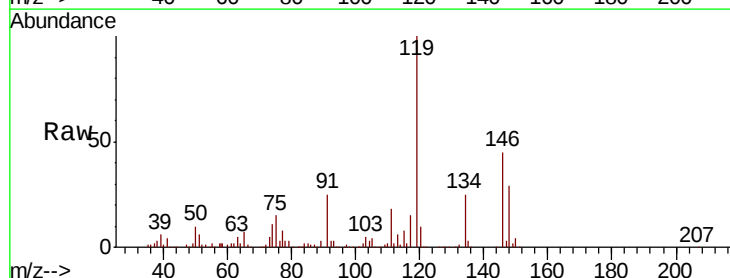
Tgt Ion:119 Resp: 231728

Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

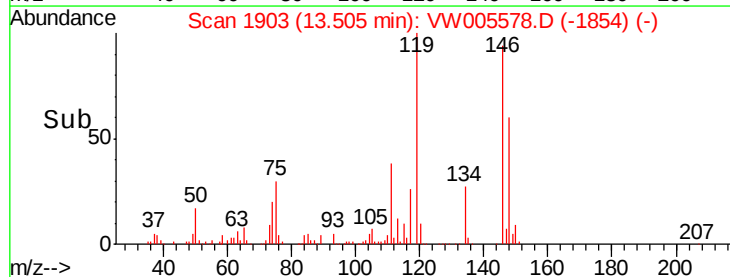
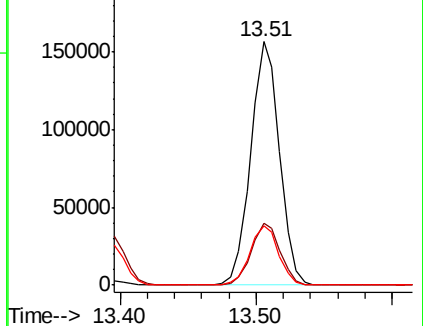
91 24.6 12.2 36.4

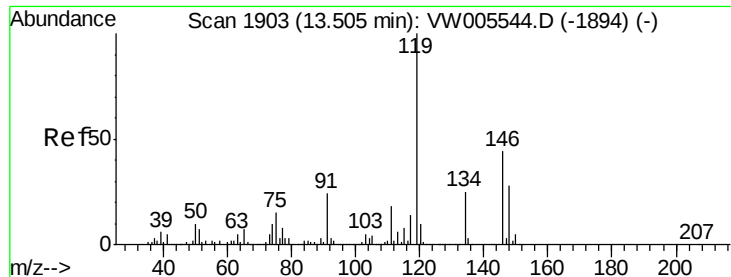


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.372 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

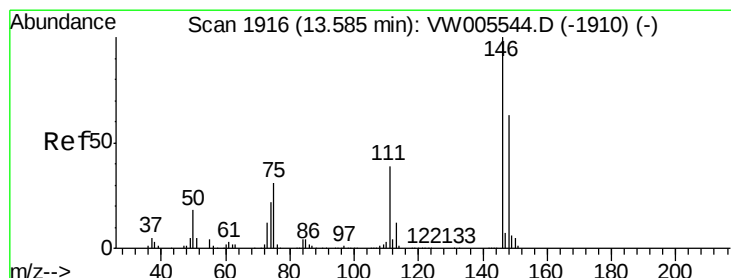
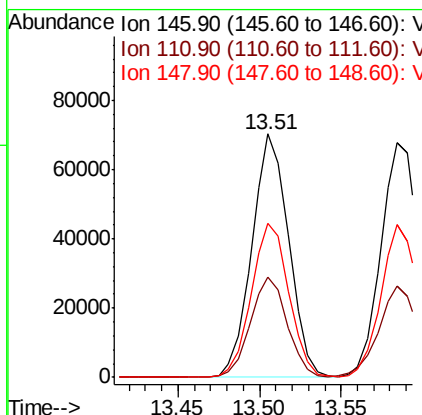
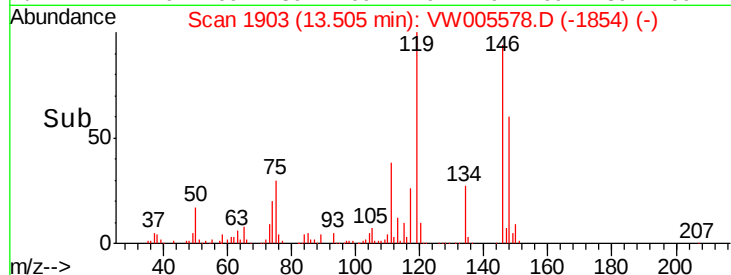
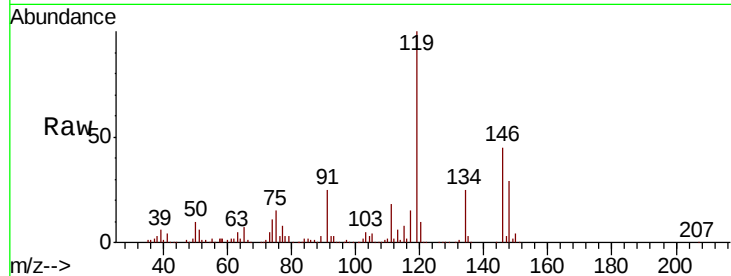
ClientSampleId :

VW0924SBS01

Tot Ion:	146	Resp:	110620
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.3	60.9
148	64.2	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 21.452 ug/l

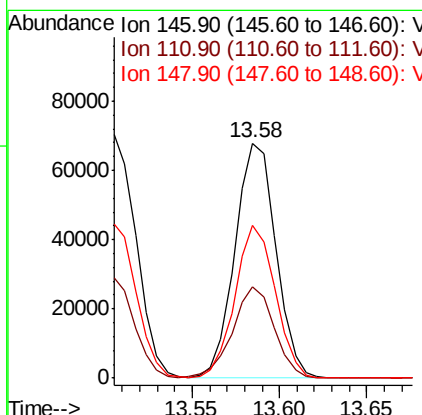
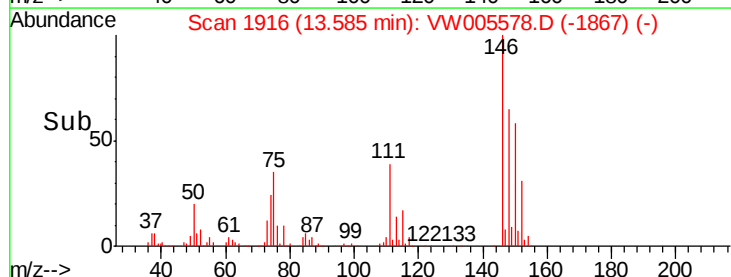
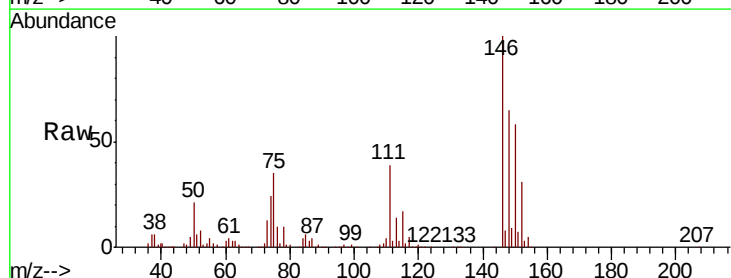
RT: 13.58 min Scan# 1916

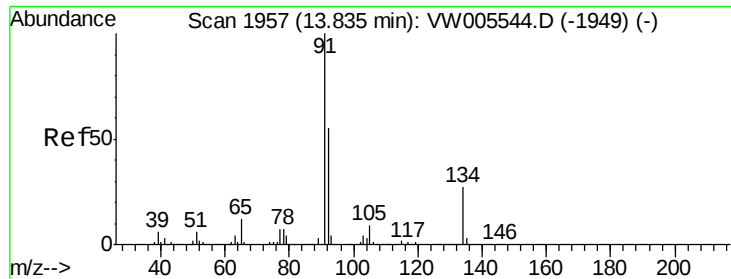
Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Tgt Ion:	146	Resp:	110426
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.9	59.7
148	64.1	32.1	96.3





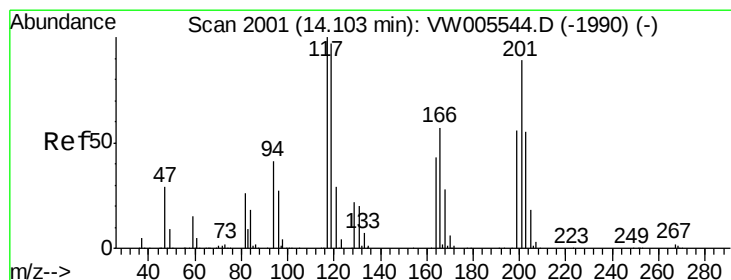
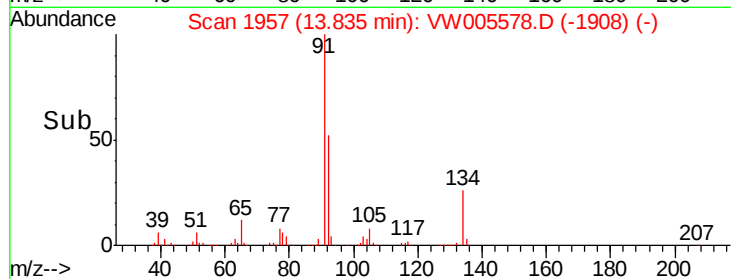
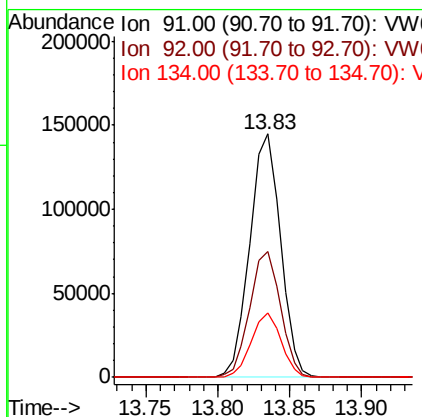
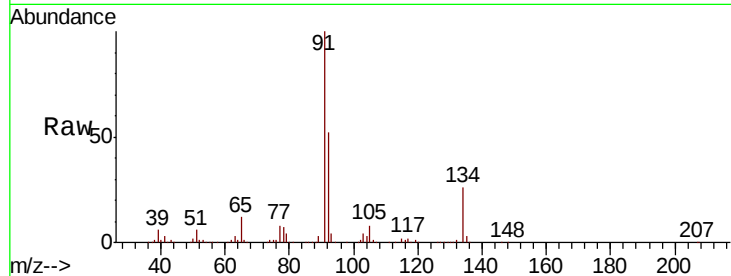
#89
n-Butylbenzene
Concen: 22.107 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	213860		
92	51.9	26.5	79.5	
134	25.8	12.9	38.7	

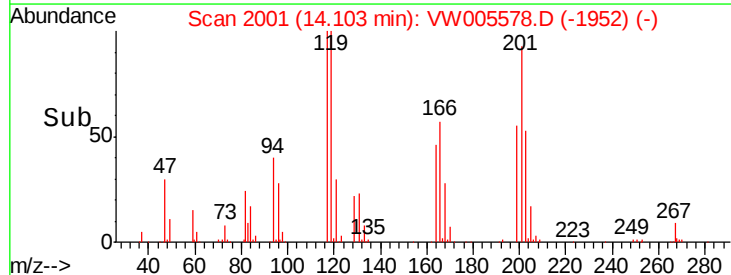
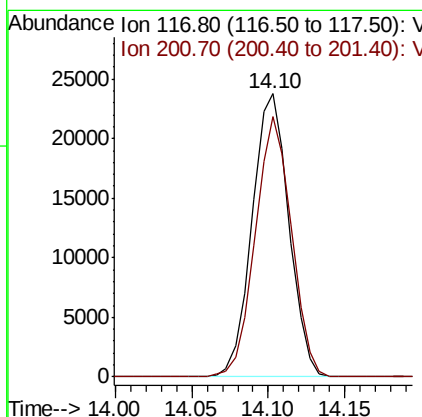
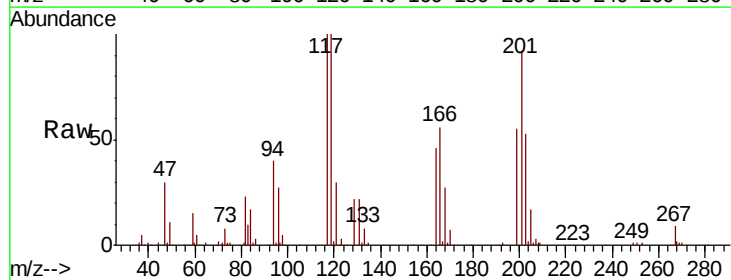
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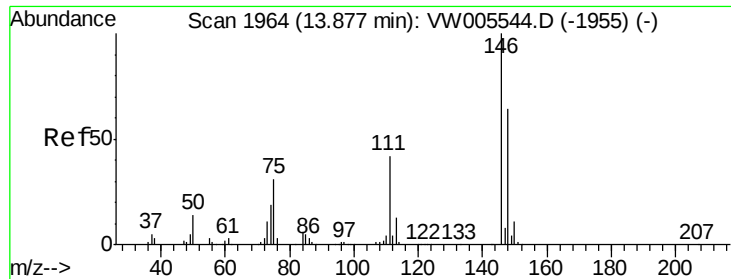
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#90
Hexachloroethane
Concen: 21.416 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39810		
201	90.3	42.8	128.3	





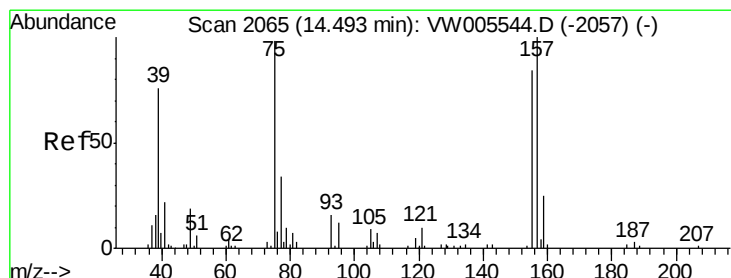
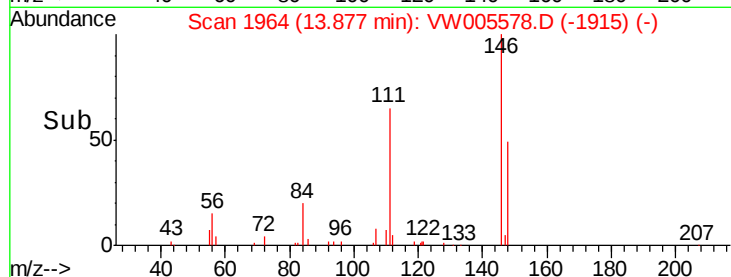
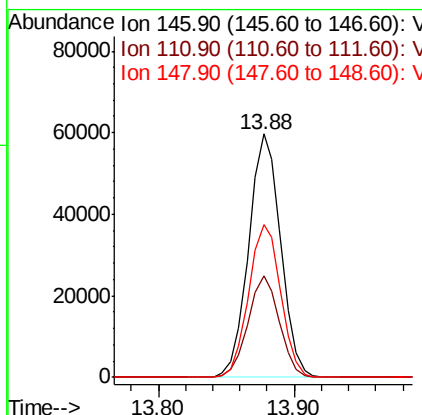
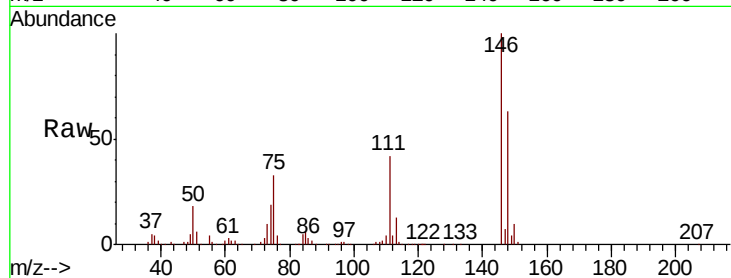
#91
 1,2-Dichlorobenzene
 Concen: 21.499 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.3	63.9
148	63.1	32.0	96.2

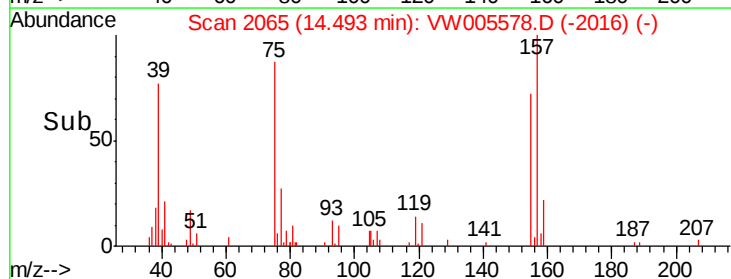
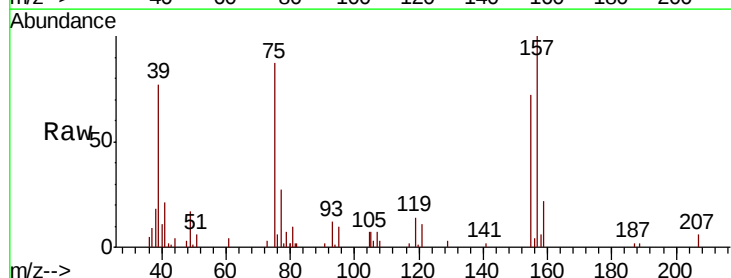
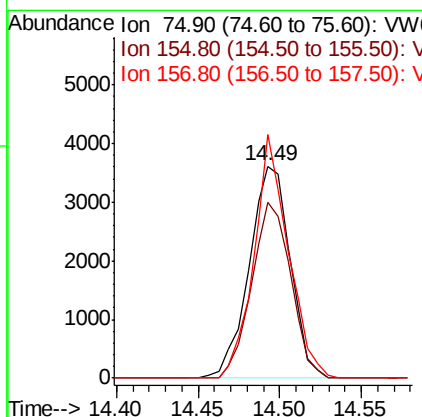
Manual Integrations
 APPROVED

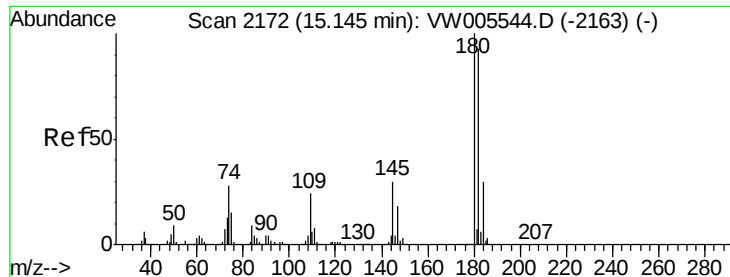
apatel
 9/25/2018 11:55:13 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.495 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005578.D
 Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.8	39.1	117.5
157	96.2	50.8	152.4





#93

1,2,4-Trichlorobenzene

Concen: 21.321 ug/l

RT: 15.15 min Scan# 2172

Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Instrument :

MSVOA_W

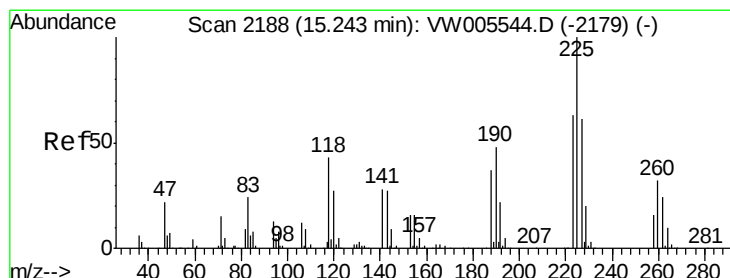
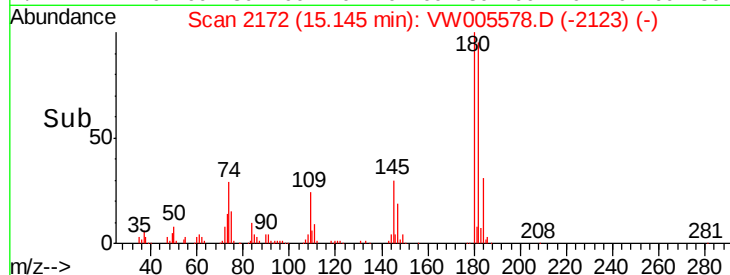
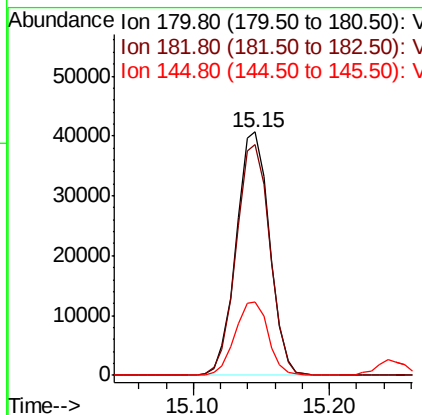
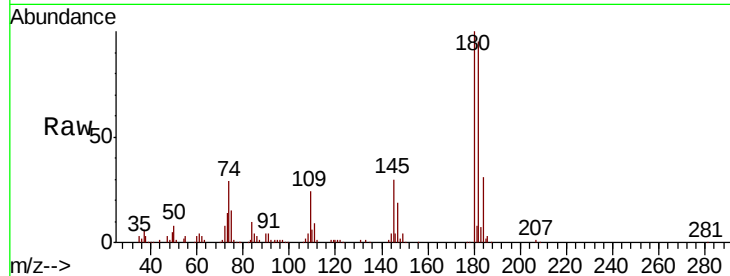
ClientSampleId :

VW0924SBS01

Tot Ion:	180	Resp:	69492
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.7	143.1
145	29.9	15.0	45.1

Manual Integrations
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apatel
9/25/2018 11:55:13 AM



#94

Hexachlorobutadiene

Concen: 22.637 ug/l

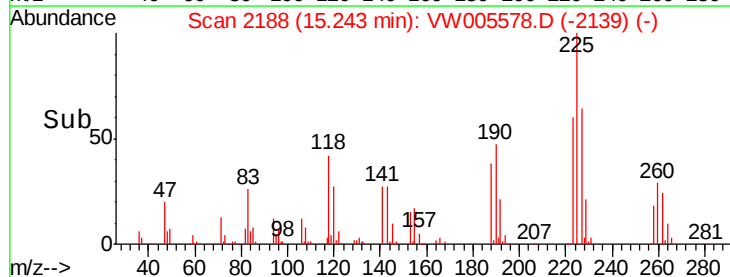
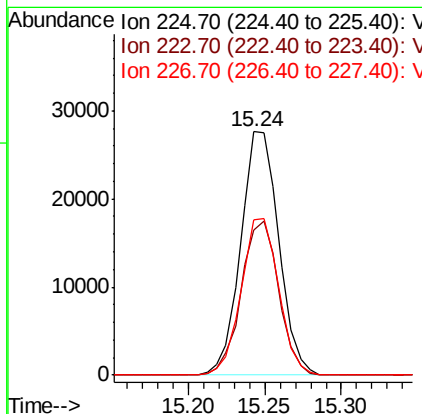
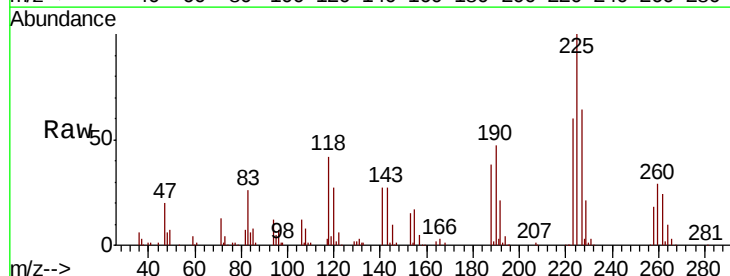
RT: 15.24 min Scan# 2188

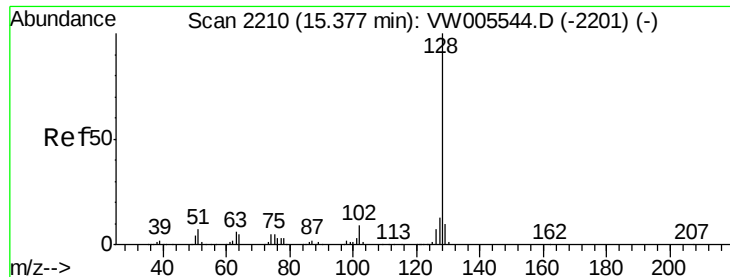
Delta R.T. -0.00 min

Lab File: VW005578.D

Acq: 24 Sep 2018 12:21

Tgt Ion:	225	Resp:	47799
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.1	93.3
227	63.3	31.8	95.3





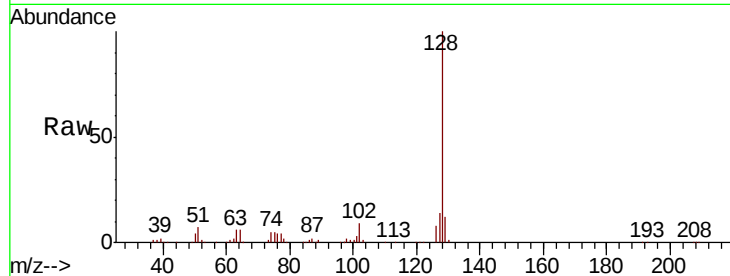
#95
Naphthalene
Concen: 19.452 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	106643		
127	13.7		10.9	16.3
129	11.2		8.6	13.0

Manual Integrations
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apatel
9/25/2018 11:55:13 AM

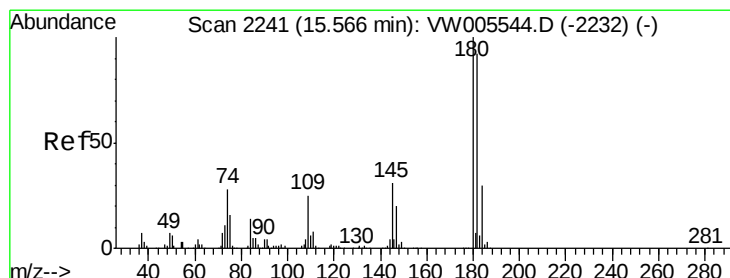
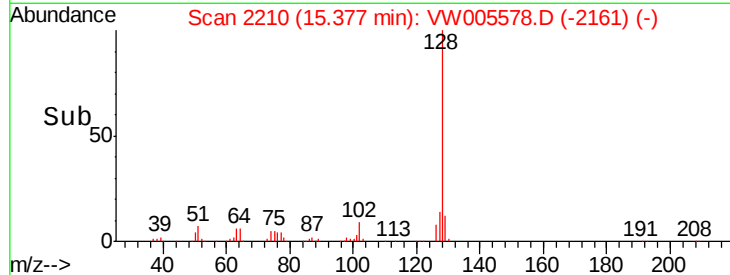
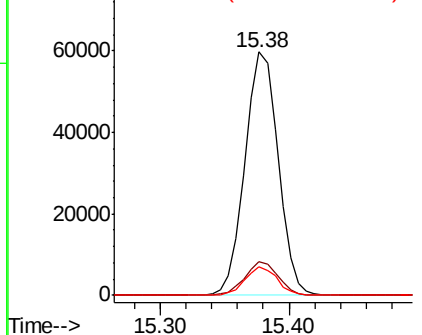


Abundance

Ion 128.00 (127.70 to 128.70): V

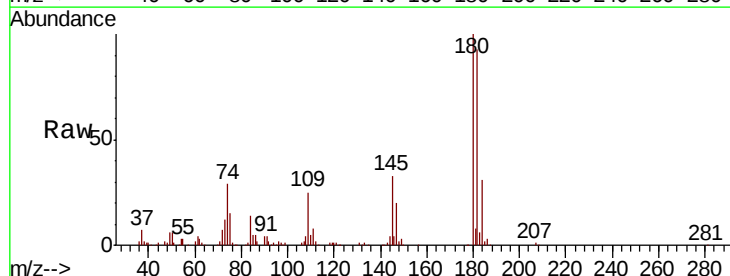
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.090 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005578.D
Acq: 24 Sep 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	60580		
182	93.2		47.3	141.9
145	33.0		16.0	47.9



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

