

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006073.D
 Acq On : 16 Oct 2018 12:52
 Operator : VA/AP
 Sample : VW1016SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Manual Integrations
 APPROVED

apatel
 10/17/2018 10:04:45 AM

Quant Time: Oct 16 14:58:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	308380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	432271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	390644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	218776	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119462	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	7.88	113	124622	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	10.33	98	477570	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.62	95	178935	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24117	15.804	ug/l	96
3) Chloromethane	2.21	50	33160	16.881	ug/l	99
4) Vinyl Chloride	2.37	62	51065	18.203	ug/l	99
5) Bromomethane	2.78	94	48258	18.913	ug/l	98
6) Chloroethane	2.93	64	35754	17.785	ug/l	97
7) Trichlorofluoromethane	3.26	101	49274	18.855	ug/l	96
8) Diethyl Ether	3.68	74	24067	17.328	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	55159	20.140	ug/l	98
10) Methyl Iodide	4.26	142	89566	19.649	ug/l	99
11) Tert butyl alcohol	5.19	59	17350	100.904	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	50912	19.759	ug/l	95
13) Acrolein	3.90	56	17497	105.163	ug/l	94
14) Allyl chloride	4.67	41	72590	19.703	ug/l	99
15) Acrylonitrile	5.37	53	46851	94.048	ug/l	99
16) Acetone	4.13	43	57626	111.970	ug/l	100
17) Carbon Disulfide	4.37	76	152739	19.641	ug/l	99
18) Methyl Acetate	4.67	43	23135	17.981	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	76850	19.582	ug/l	100
20) Methylene Chloride	4.91	84	55153	19.391	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	57451	19.976	ug/l	100
22) Diisopropyl ether	6.31	45	147618	20.276	ug/l	99
23) Vinyl Acetate	6.26	43	415654	96.741	ug/l	100
24) 1,1-Dichloroethane	6.21	63	95032	20.229	ug/l	98
25) 2-Butanone	7.18	43	70765	102.458	ug/l	99
26) 2,2-Dichloropropane	7.17	77	69694	21.034	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	63704	20.072	ug/l	100
28) Bromochloromethane	7.51	49	31100	17.148	ug/l	97
29) Tetrahydrofuran	7.54	42	39269	92.498	ug/l	100
30) Chloroform	7.68	83	101167	19.766	ug/l	100
31) Cyclohexane	7.96	56	92290	19.727	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	92184	19.966	ug/l	99
36) 1,1-Dichloropropene	8.09	75	82299	20.656	ug/l	100
37) Ethyl Acetate	7.25	43	27963	18.890	ug/l	100
38) Carbon Tetrachloride	8.07	117	89917	20.586	ug/l	98

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Instrument :
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apatel
 10/17/2018 10:04:45 AM

Quant Time: Oct 16 14:58:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	109021	20.585	ug/l	99
40) Benzene	8.33	78	224181	20.512	ug/l	99
41) Methacrylonitrile	7.49	41	16771	18.793	ug/l	93
42) 1,2-Dichloroethane	8.40	62	64348	20.040	ug/l	100
43) Isopropyl Acetate	8.43	43	58756	19.412	ug/l	99
44) Trichloroethene	9.09	130	69351	20.683	ug/l	99
45) 1,2-Dichloropropane	9.37	63	52690	20.147	ug/l	98
46) Dibromomethane	9.46	93	29550	19.824	ug/l	99
47) Bromodichloromethane	9.65	83	72827	20.152	ug/l	100
48) Methyl methacrylate	9.44	41	27414	19.108	ug/l	97
49) 1,4-Dioxane	9.46	88	8330	363.006	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	144221	95.100	ug/l	100
52) Toluene	10.39	92	152803	20.854	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	73373	20.378	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	84181	20.371	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	40876	19.596	ug/l	97
56) Ethyl methacrylate	10.65	69	49134	19.214	ug/l	98
57) 1,3-Dichloropropane	10.93	76	69052	19.997	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	99155	101.476	ug/l	99
59) 2-Hexanone	10.98	43	108563	100.285	ug/l	99
60) Dibromochloromethane	11.13	129	51431	19.795	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41567	19.944	ug/l	98
64) Tetrachloroethene	10.87	164	63619	20.978	ug/l	100
65) Chlorobenzene	11.66	112	174100	20.819	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	61279	20.620	ug/l	100
67) Ethyl Benzene	11.74	91	304157	20.987	ug/l	99
68) m/p-Xylenes	11.84	106	239889	41.878	ug/l	100
69) o-Xylene	12.17	106	112070	20.529	ug/l	99
70) Styrene	12.19	104	181963	20.497	ug/l	99
71) Bromoform	12.35	173	31610	19.069	ug/l #	99
73) Isopropylbenzene	12.47	105	322040	20.836	ug/l	100
74) N-amyl acetate	12.28	43	57062	19.008	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	45853	19.506	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30086m	18.005	ug/l	
77) Bromobenzene	12.75	156	77013	20.343	ug/l	100
78) n-propylbenzene	12.81	91	378222	21.034	ug/l	100
79) 2-Chlorotoluene	12.90	91	209326	20.719	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	270819	20.785	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12851	18.383	ug/l	94
82) 4-Chlorotoluene	12.99	91	222728	21.045	ug/l	99
83) tert-Butylbenzene	13.21	119	242791	20.827	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	277928	21.079	ug/l	100
85) sec-Butylbenzene	13.39	105	347078	21.074	ug/l	100
86) p-Isopropyltoluene	13.51	119	313497	21.045	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	156439	20.764	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	155966	20.792	ug/l	99
89) n-Butylbenzene	13.83	91	289970	21.285	ug/l	100
90) Hexachloroethane	14.10	117	51723	20.499	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	137828	20.509	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7718	18.338	ug/l	99

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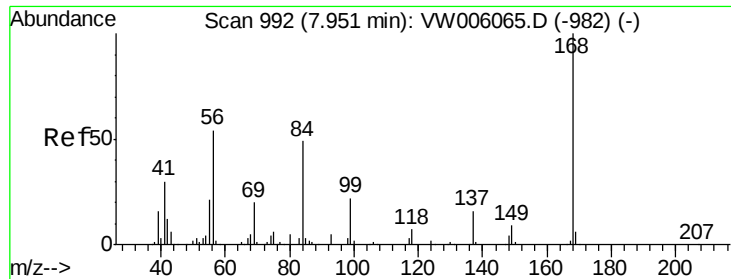
Manual Integrations
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Quant Time: Oct 16 14:58:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	106031	20.505	ug/l	100
94) Hexachlorobutadiene	15.24	225	68365	21.046	ug/l	99
95) Naphthalene	15.38	128	161732	18.802	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	88991	19.897	ug/l	100

(#) = 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: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion:168 Resp: 308380

Ion Ratio Lower Upper

168 100

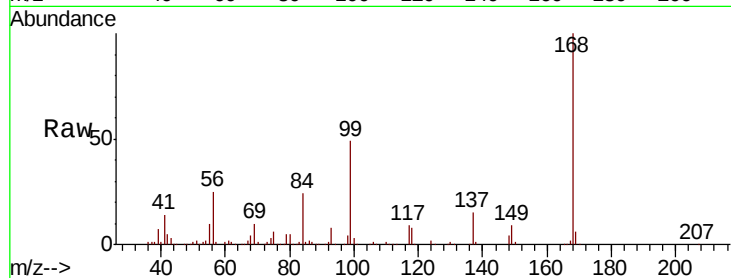
99 48.7 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

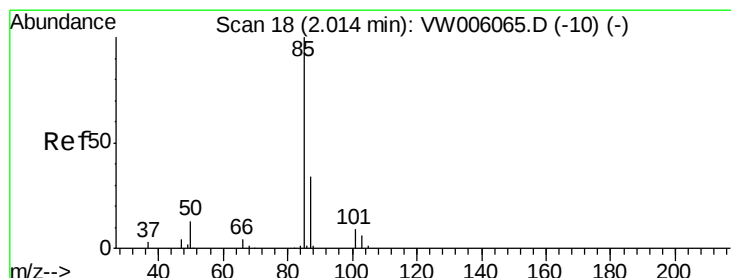
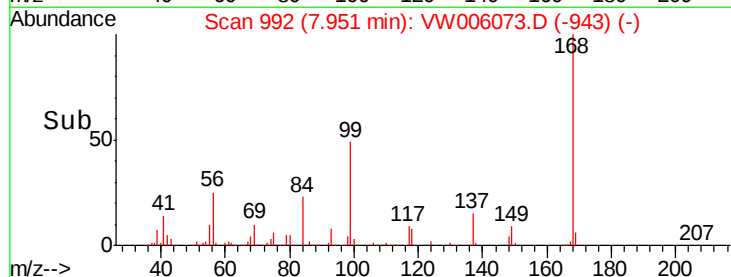
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 15.804 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006073.D

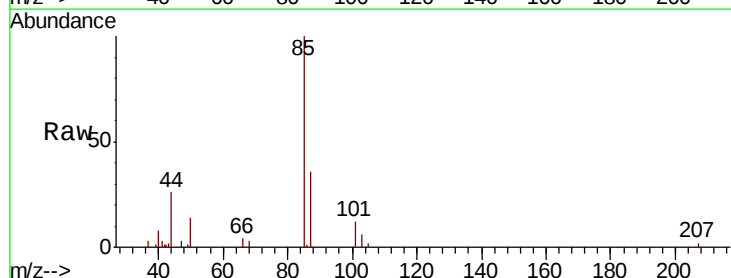
Acq: 16 Oct 2018 12:52

Tgt Ion: 85 Resp: 24117

Ion Ratio Lower Upper

85 100

87 36.2 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

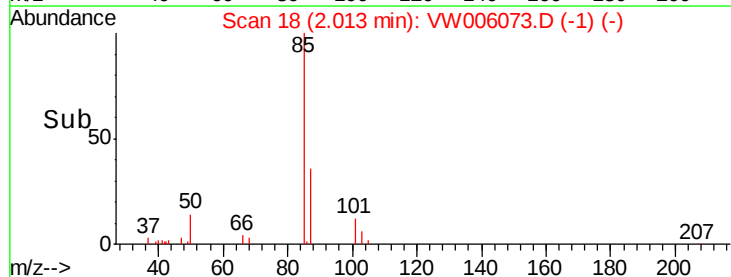
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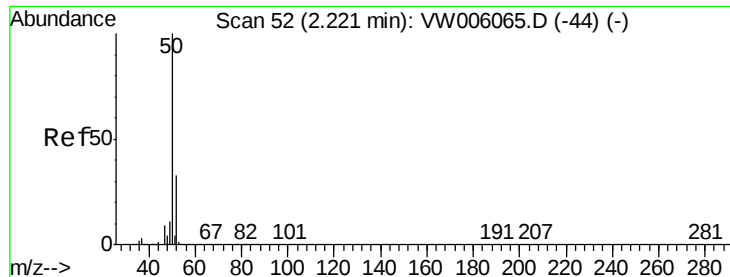
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 16.881 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion: 50 Resp: 33160

Ion Ratio Lower Upper

50 100

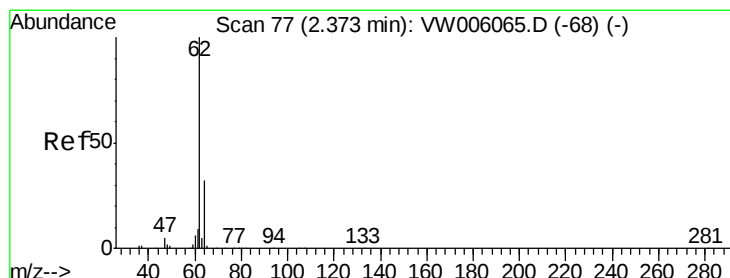
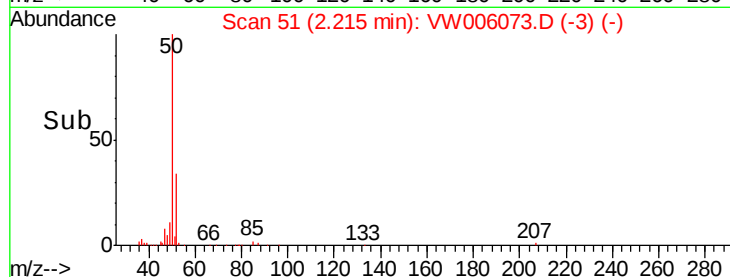
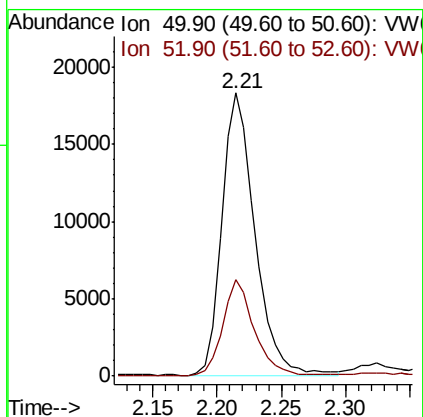
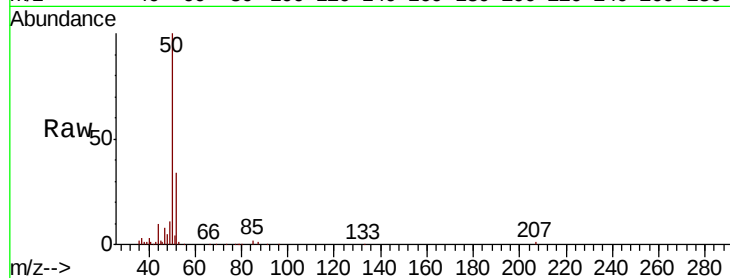
52 33.9 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.203 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006073.D

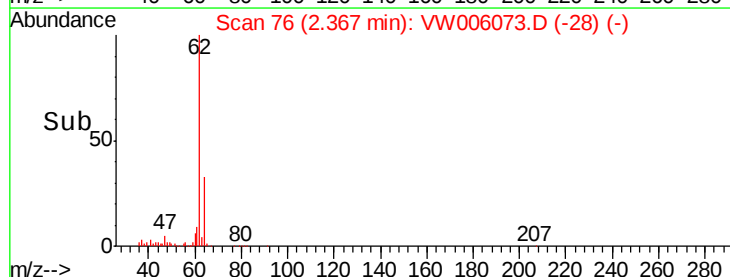
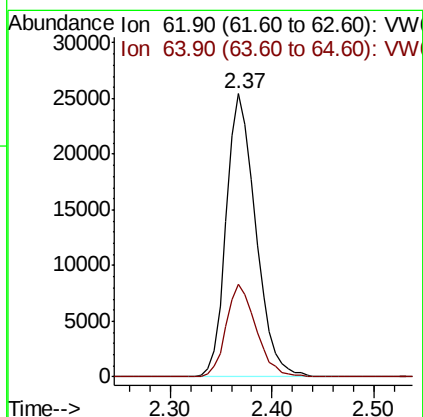
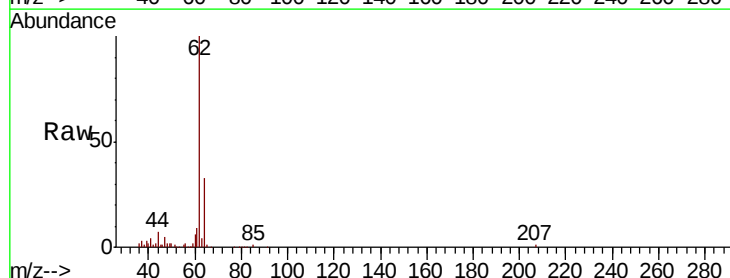
Acq: 16 Oct 2018 12:52

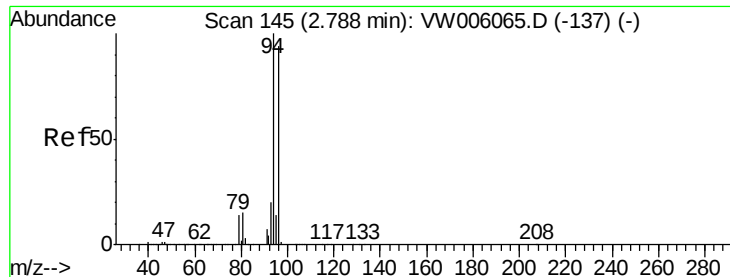
Tgt Ion: 62 Resp: 51065

Ion Ratio Lower Upper

62 100

64 32.8 25.9 38.9





#5

Bromomethane

Concen: 18.913 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion: 94 Resp: 48258

Ion Ratio Lower Upper

94 100

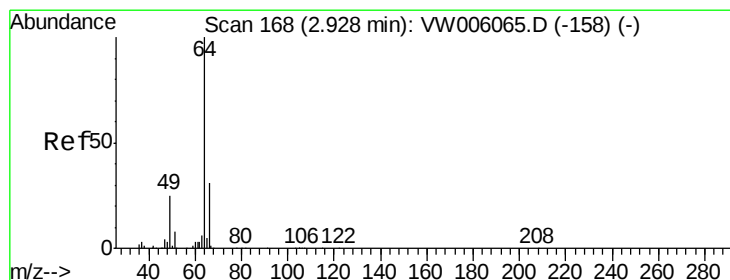
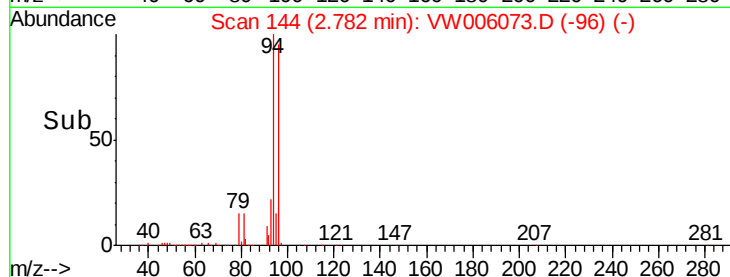
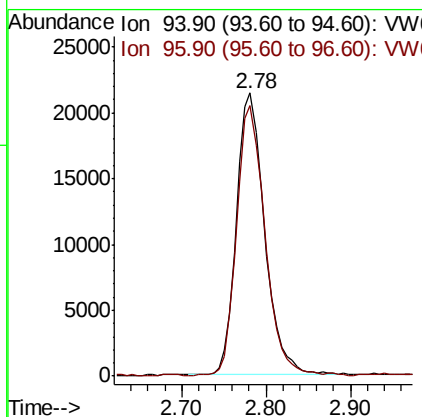
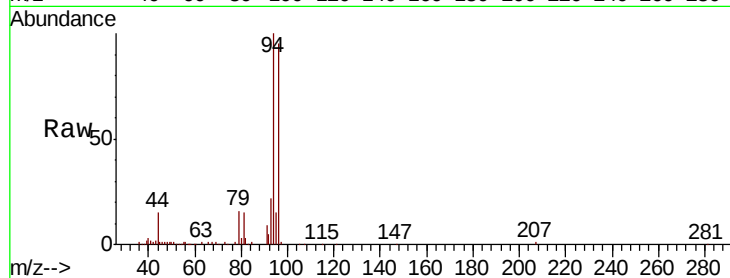
96 95.4 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 17.785 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006073.D

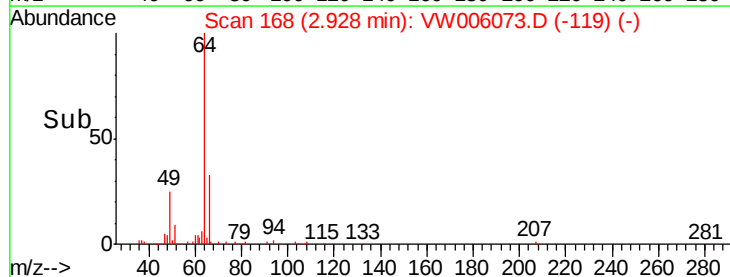
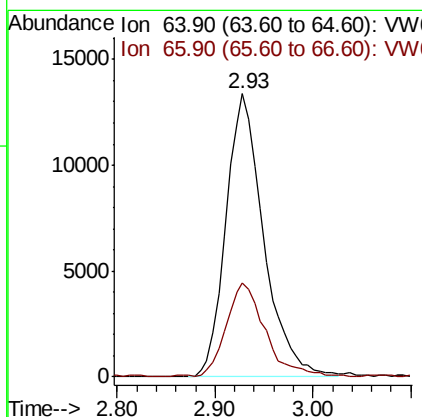
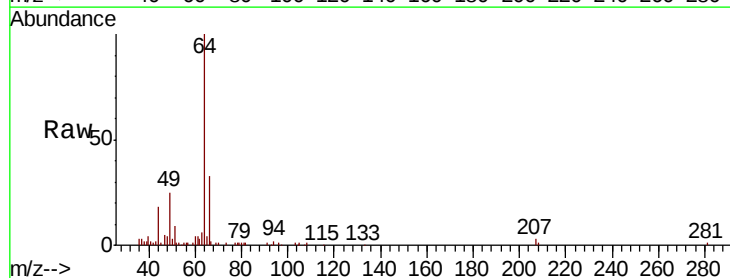
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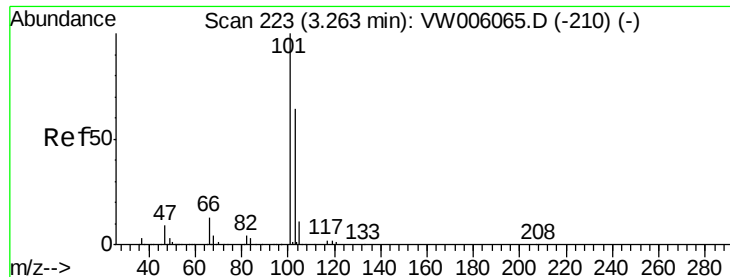
Tgt Ion: 64 Resp: 35754

Ion Ratio Lower Upper

64 100

66 32.9 24.9 37.3





#7

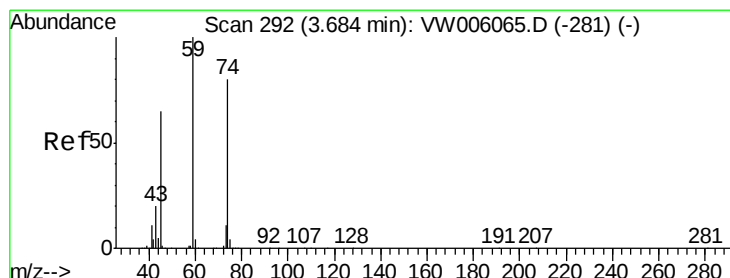
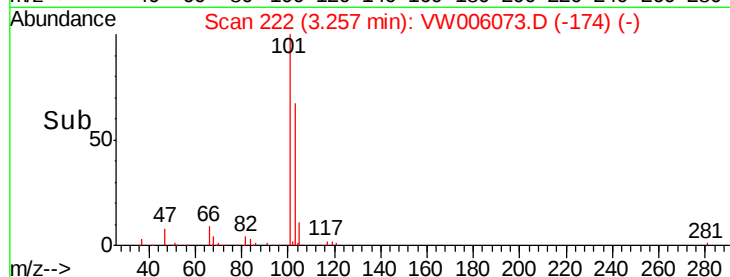
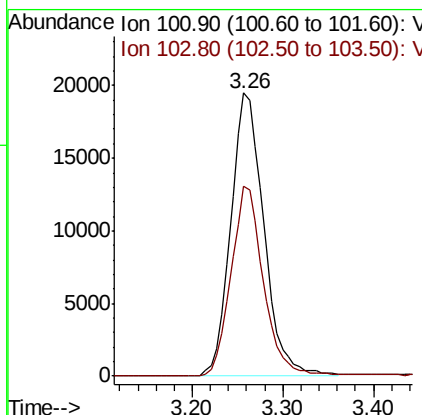
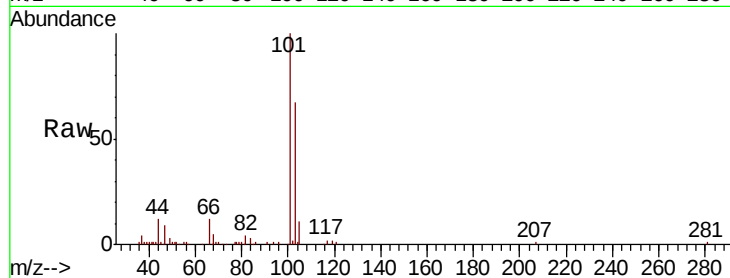
Trichlorofluoromethane
 Concen: 18.855 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

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 VW1016SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.2	51.2	76.8

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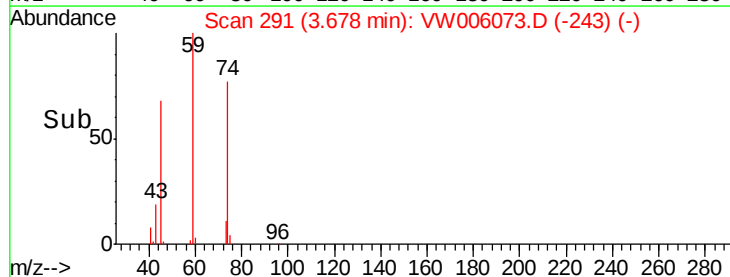
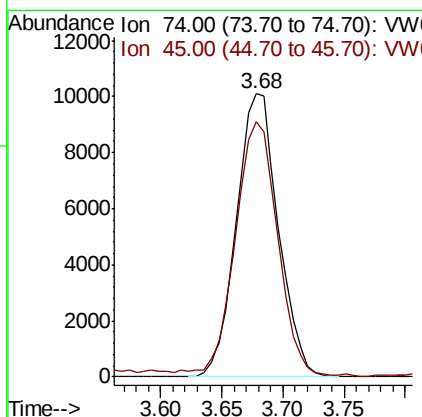
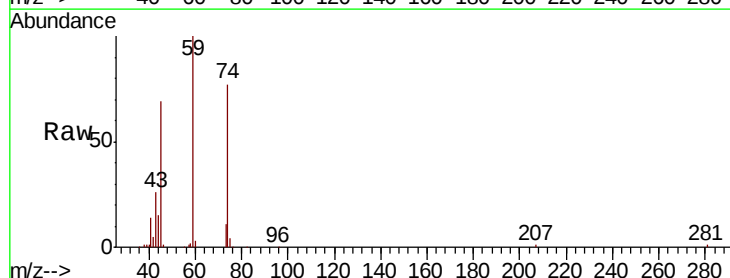
apatel
 10/17/2018 10:04:45 AM

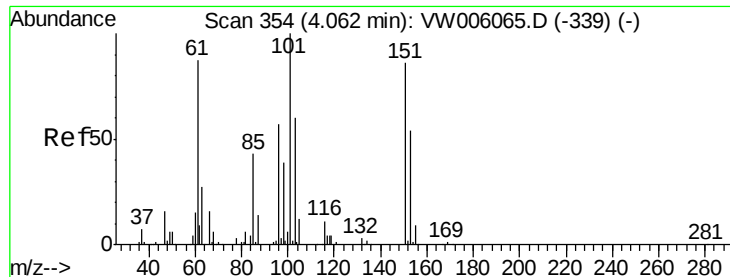


#8

Diethyl Ether
 Concen: 17.328 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.5	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.140 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

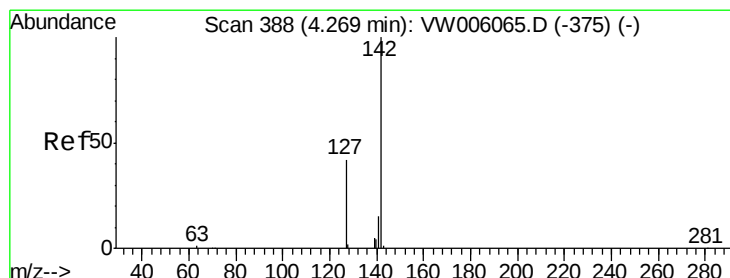
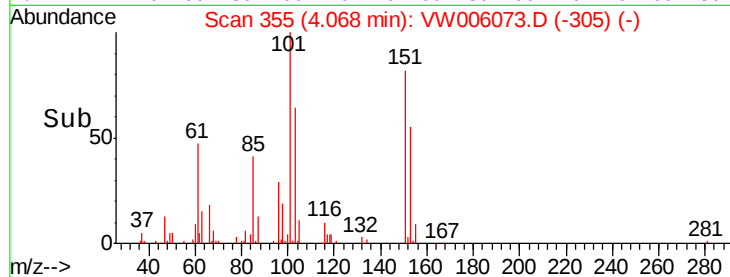
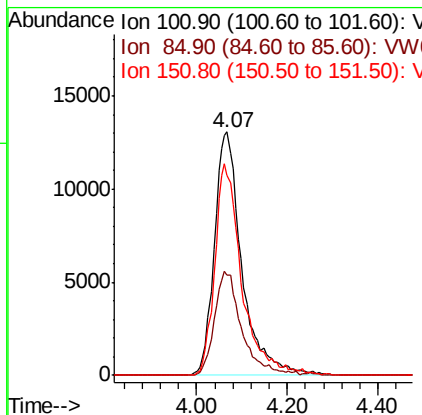
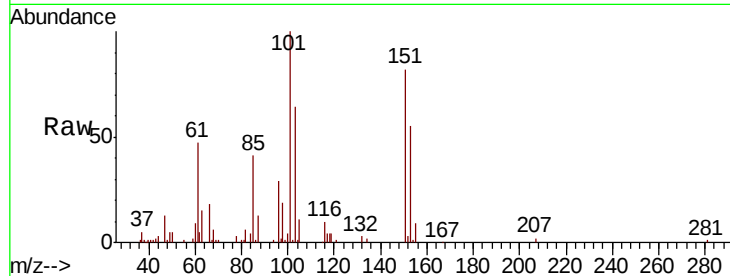
ClientSampleId :

VW1016SBS01

Tot Ion:	101	Resp:	55159
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.9	52.3
151	85.7	70.4	105.6

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#10

Methyl Iodide

Concen: 19.649 ug/l

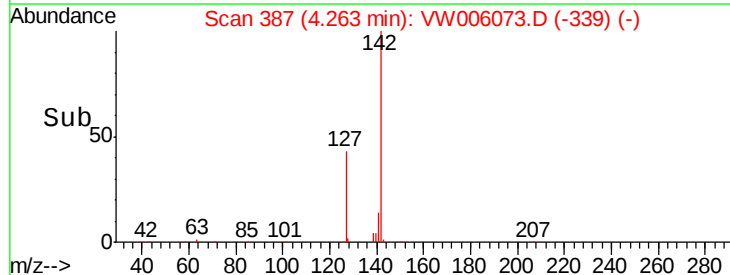
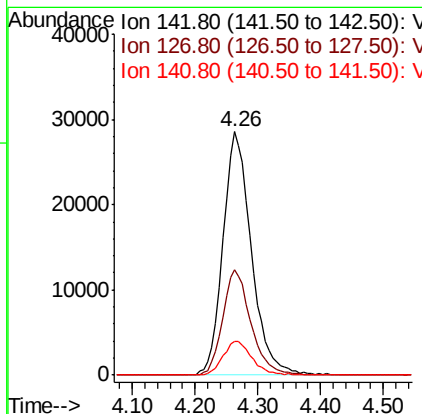
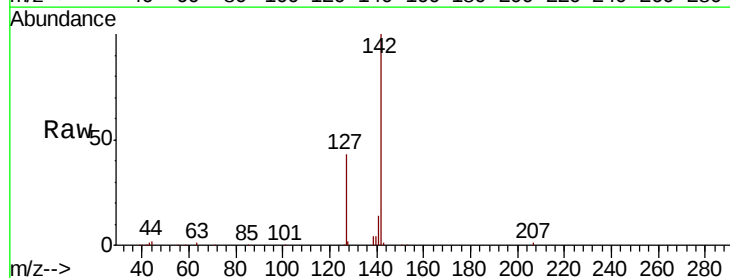
RT: 4.26 min Scan# 387

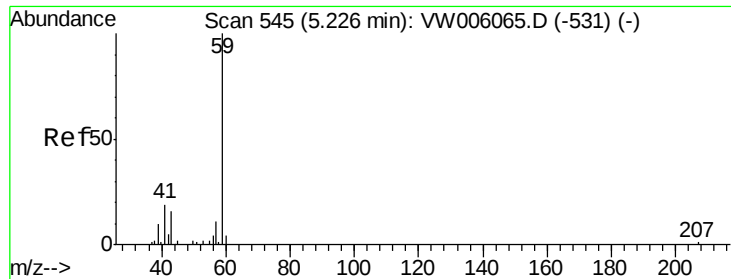
Delta R.T. -0.01 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Tgt Ion:	142	Resp:	89566
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.6	50.4
141	14.3	11.6	17.4





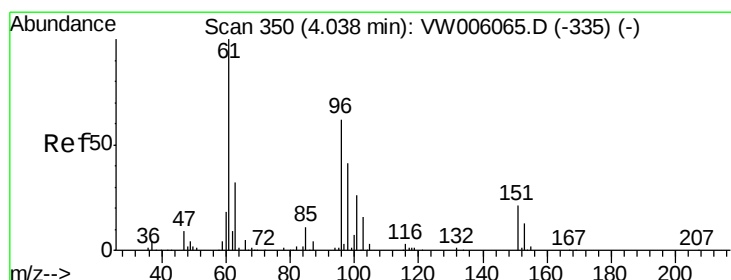
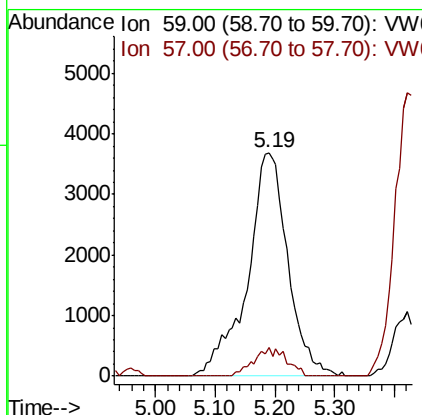
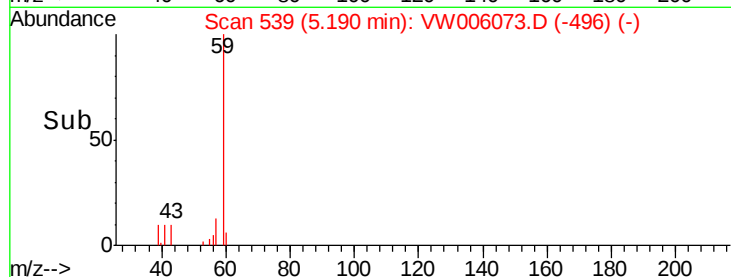
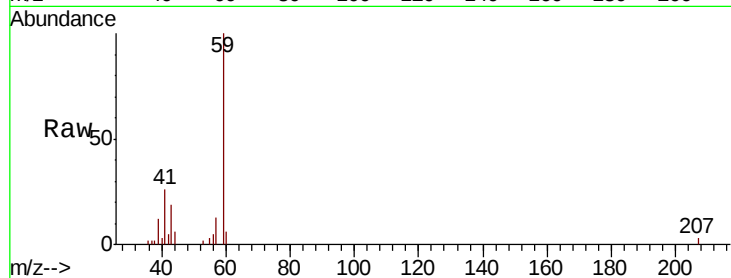
#11
Tert butyl alcohol
Concen: 100.904 ug/l
RT: 5.19 min Scan# 539
Delta R.T. -0.04 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion: 59 Resp: 17350
Ion Ratio Lower Upper
59 100
57 5.9 8.7 13.1#

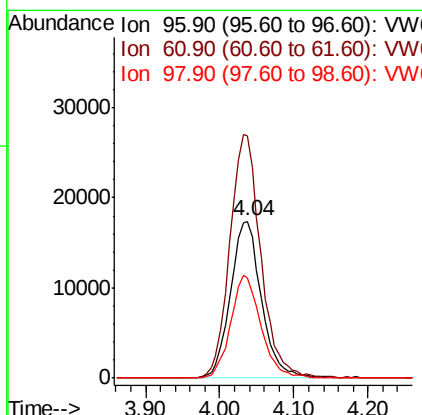
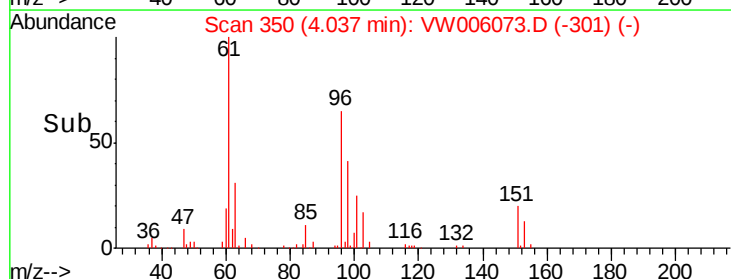
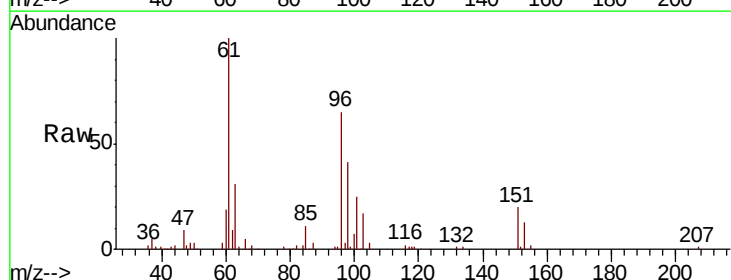
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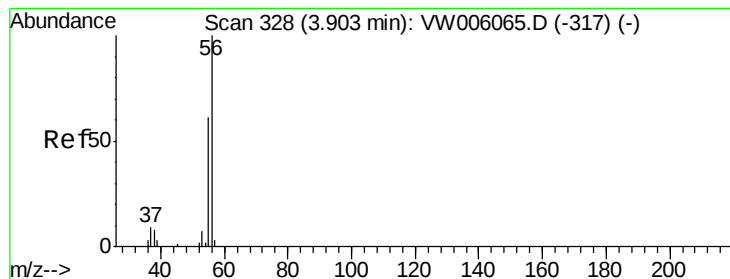
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#12
1,1-Dichloroethene
Concen: 19.759 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion: 96 Resp: 50912
Ion Ratio Lower Upper
96 100
61 154.5 129.3 193.9
98 63.8 53.1 79.7





#13

Acrolein

Concen: 105.163 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion: 56 Resp: 17497

Ion Ratio Lower Upper

56 100

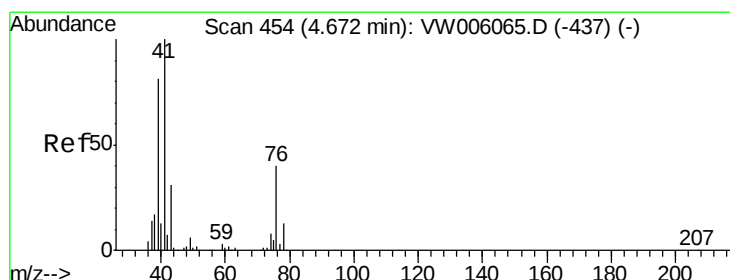
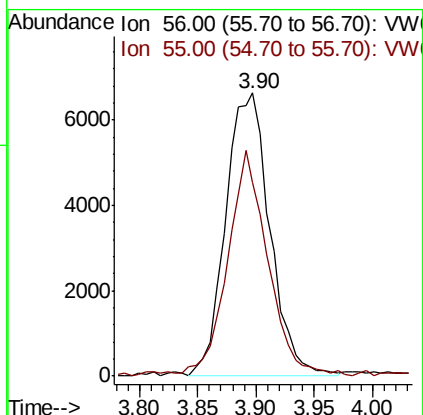
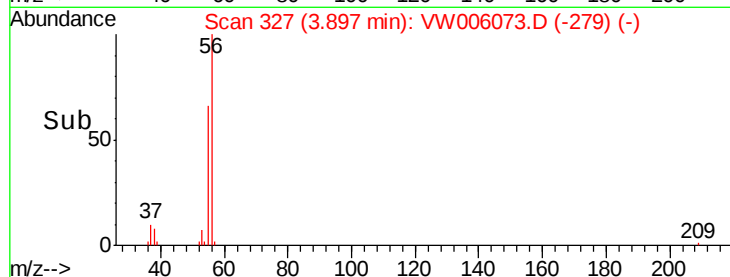
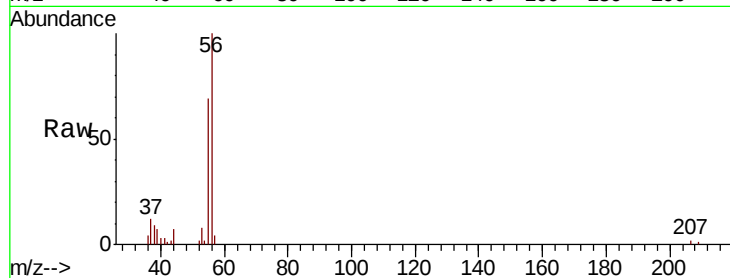
55 72.6 54.5 81.7

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#14

Allyl chloride

Concen: 19.703 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

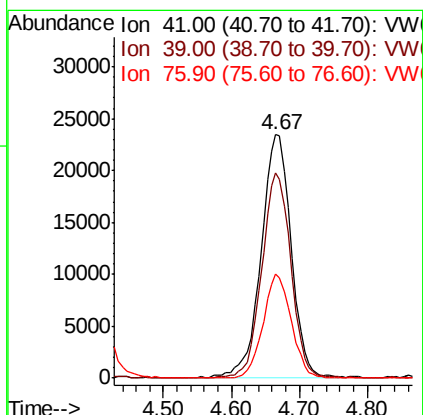
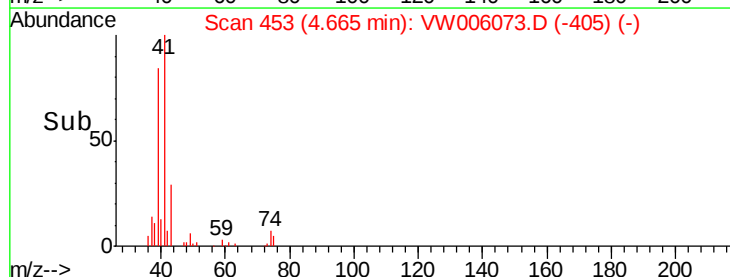
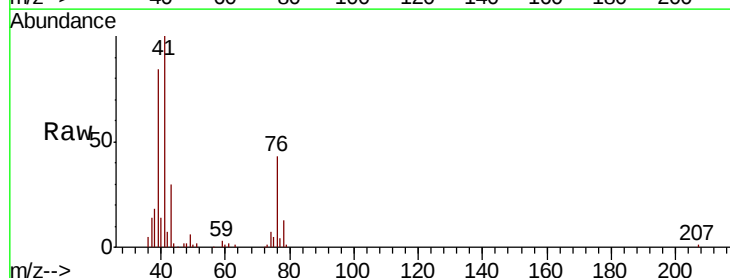
Tgt Ion: 41 Resp: 72590

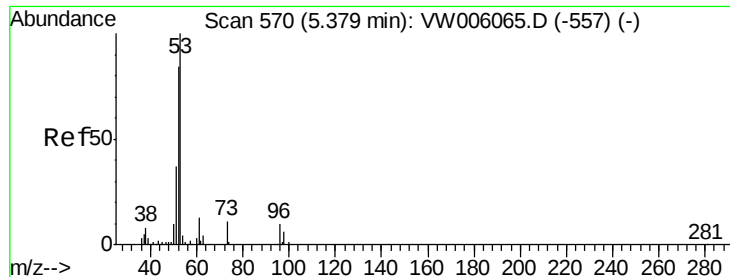
Ion Ratio Lower Upper

41 100

39 81.7 64.1 96.1

76 39.8 32.2 48.4





#15

Acrylonitrile

Concen: 94.048 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

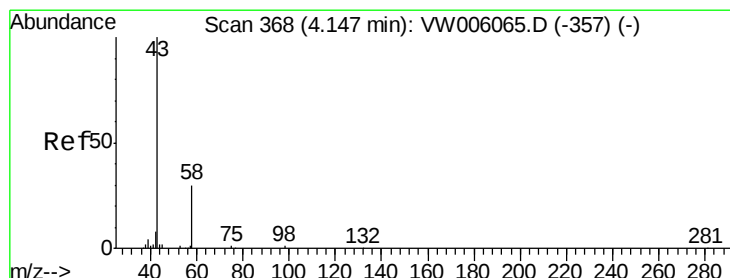
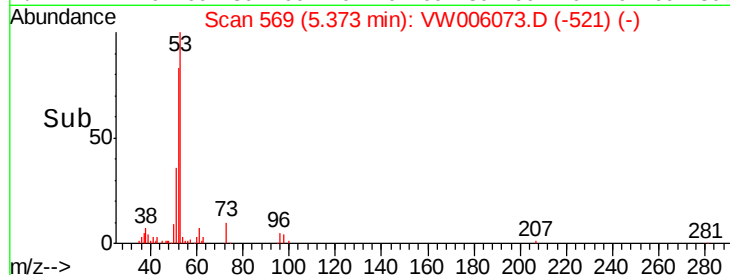
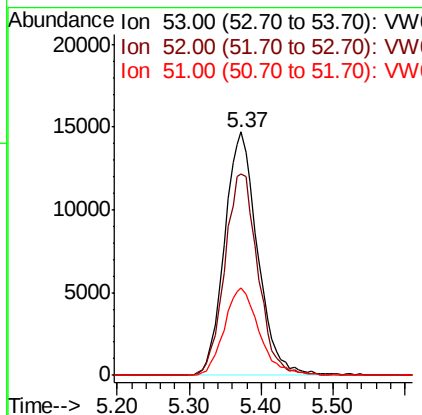
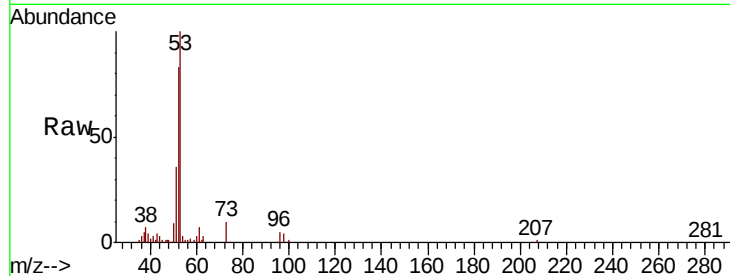
ClientSampleId :

VW1016SBS01

Tot Ion:	53	Resp:	46851
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.9	100.3
51	37.9	30.1	45.1

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#16

Acetone

Concen: 111.970 ug/l

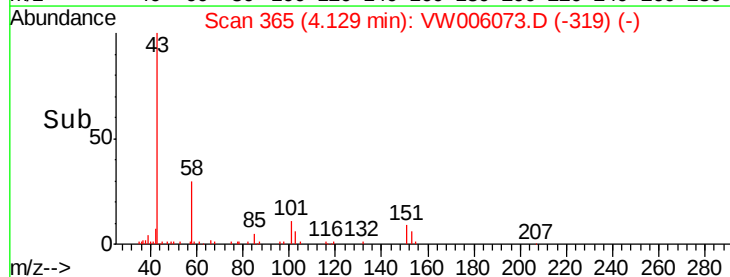
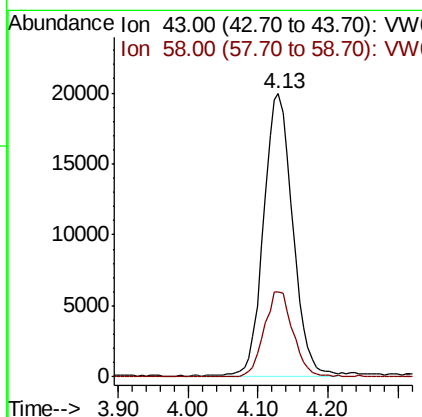
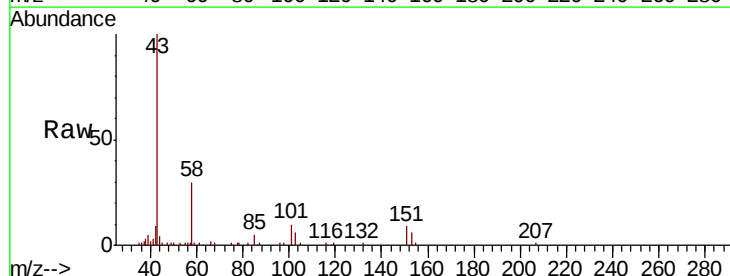
RT: 4.13 min Scan# 365

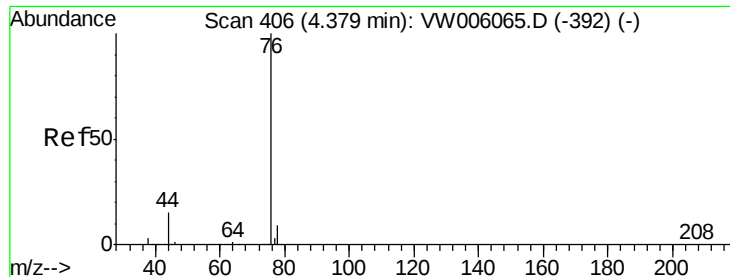
Delta R.T. -0.02 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Tgt Ion:	43	Resp:	57626
Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.0	36.0





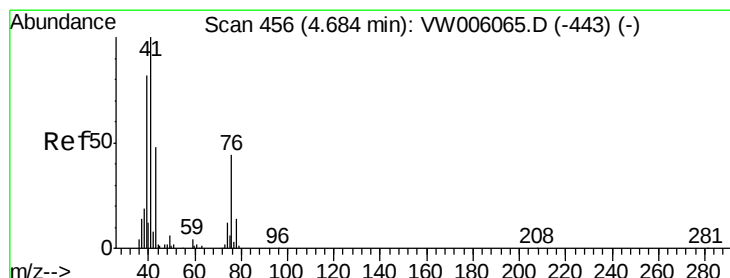
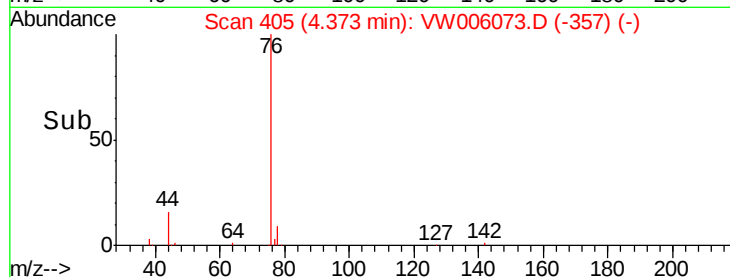
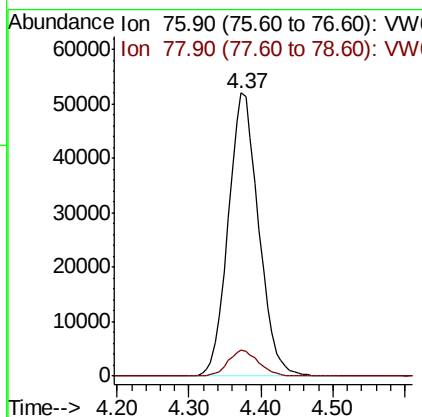
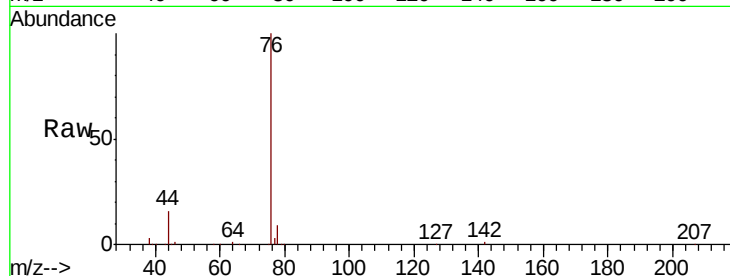
#17
Carbon Disulfide
Concen: 19.641 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

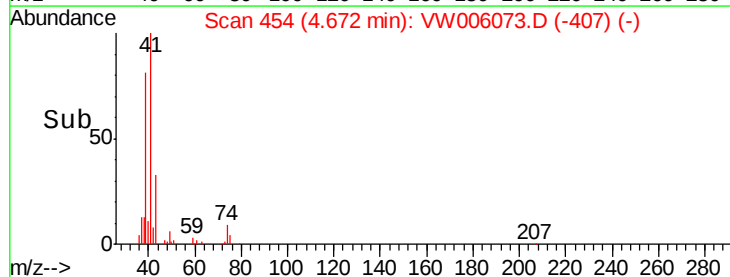
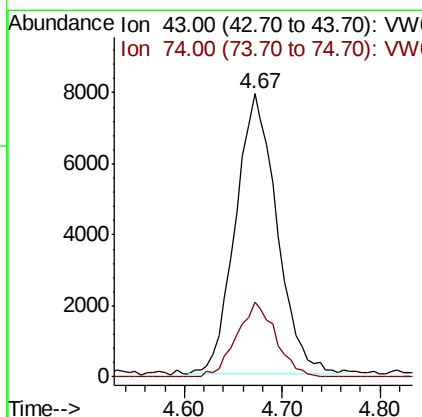
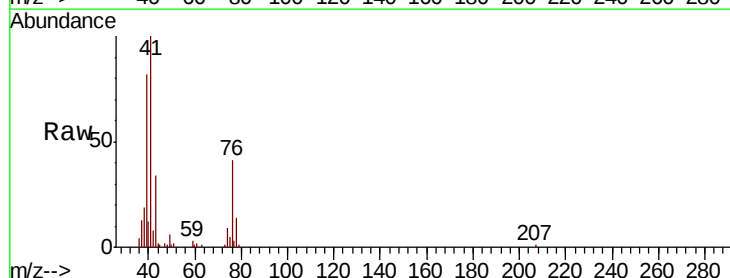
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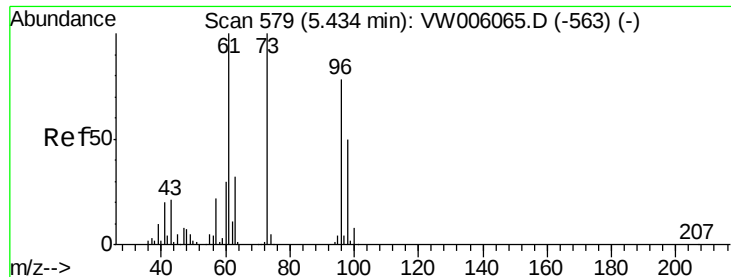
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#18
Methyl Acetate
Concen: 17.981 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	20.5	30.7





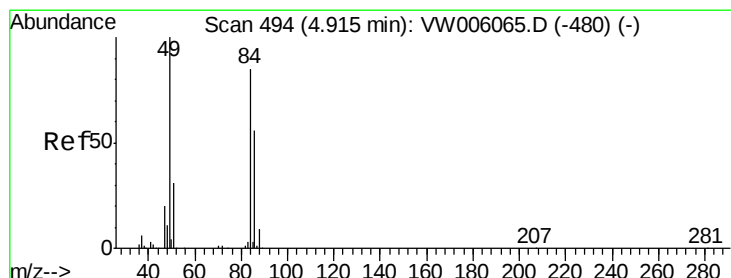
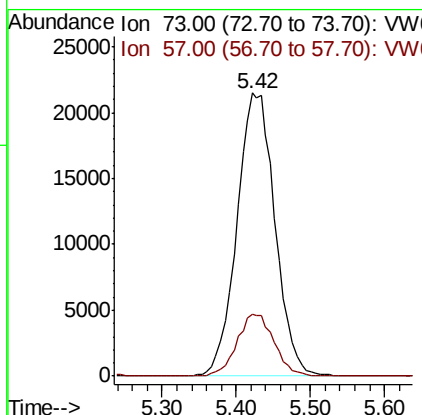
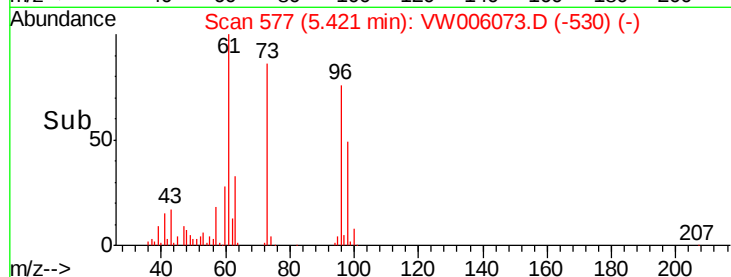
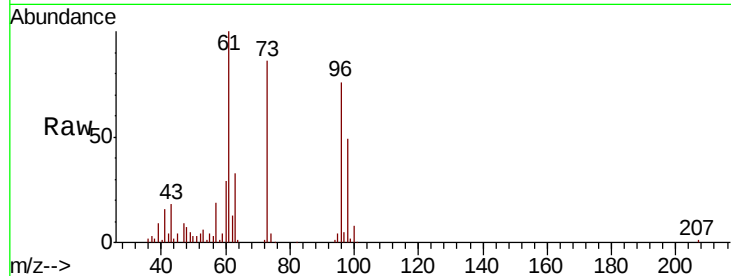
#19
Methyl tert-butyl Ether
Concen: 19.582 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2

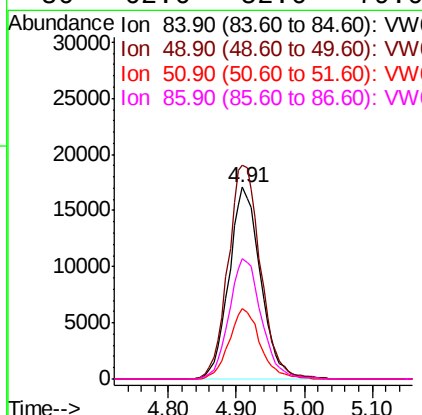
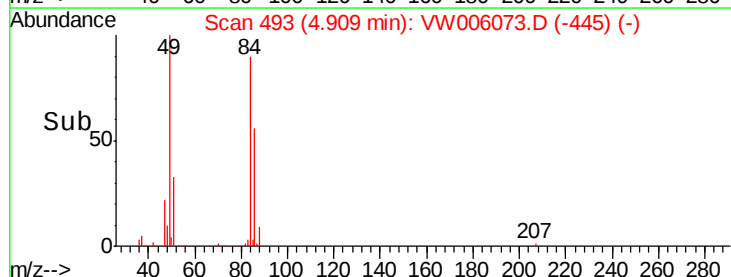
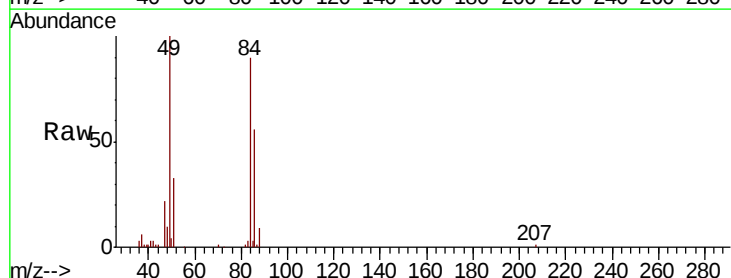
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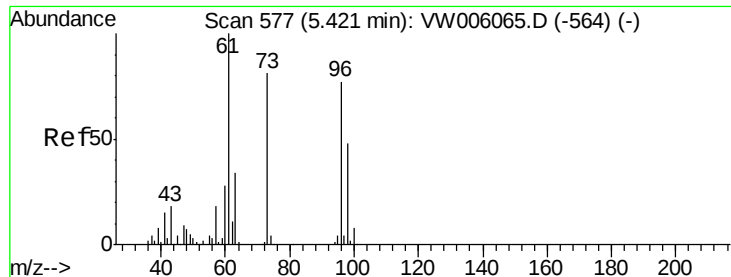
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#20
Methylene Chloride
Concen: 19.391 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.5	93.6	140.4
51	36.6	29.0	43.4
86	62.6	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 19.976 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

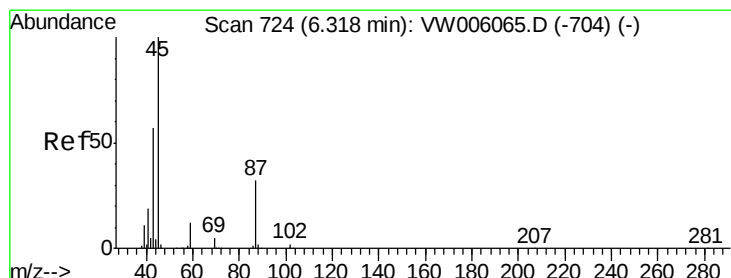
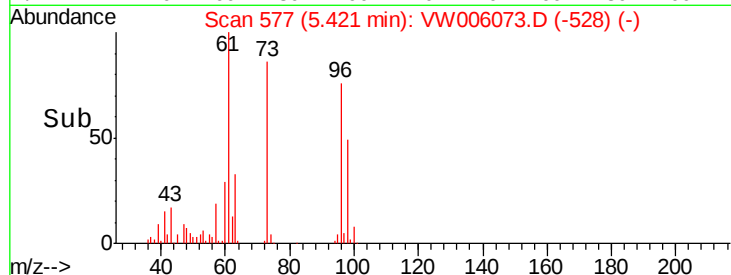
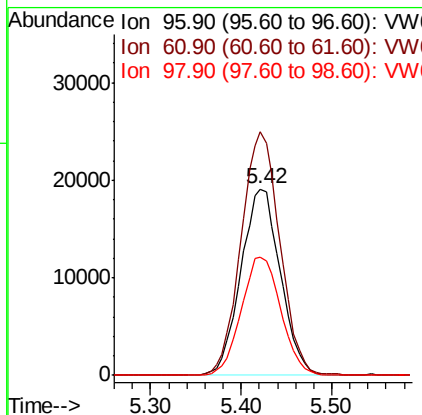
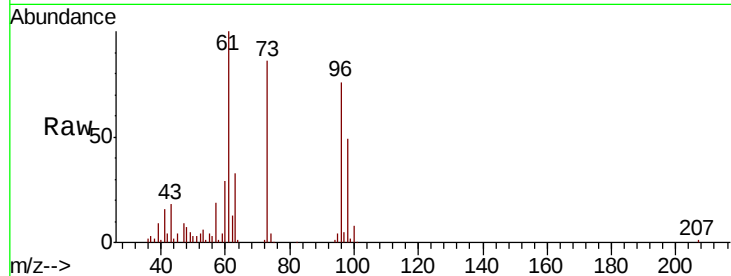
ClientSampleId :

VW1016SBS01

Tot Ion:	96	Resp:	57451
Ion	Ratio	Lower	Upper
96	100		
61	130.7	104.5	156.7
98	63.5	50.6	75.8

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#22

Diisopropyl ether

Concen: 20.276 ug/l

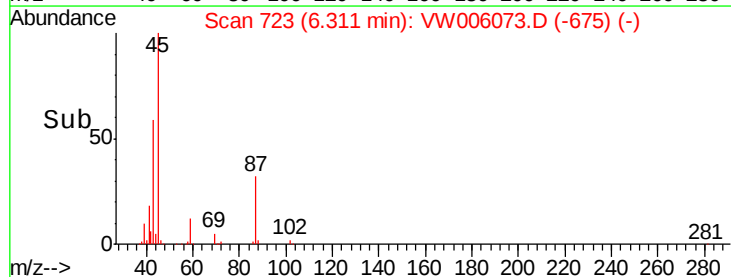
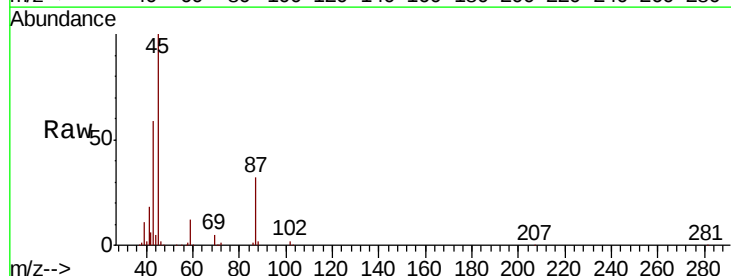
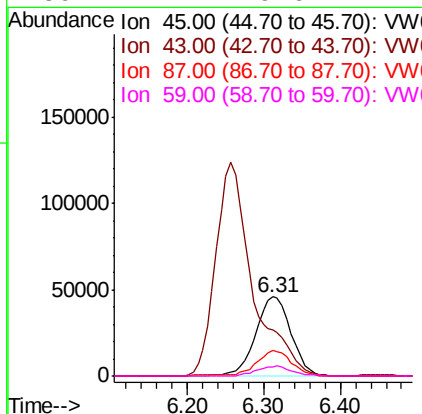
RT: 6.31 min Scan# 723

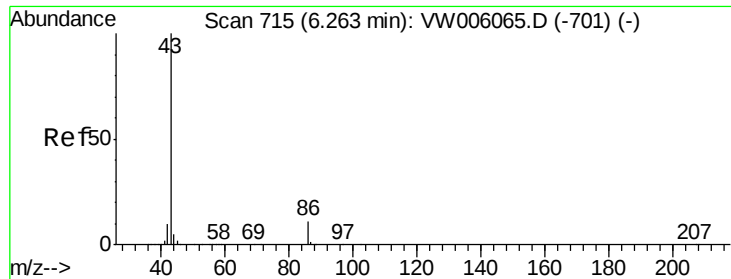
Delta R.T. -0.01 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Tgt Ion:	45	Resp:	147618
Ion	Ratio	Lower	Upper
45	100		
43	58.2	45.7	68.5
87	32.1	25.9	38.9
59	11.7	9.6	14.4





#23

Vinyl Acetate

Concen: 96.741 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion: 43 Resp: 415654

Ion Ratio Lower Upper

43 100

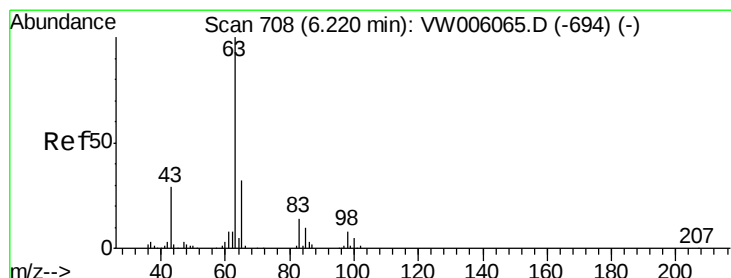
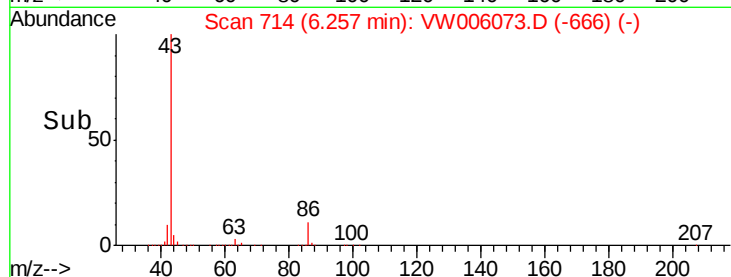
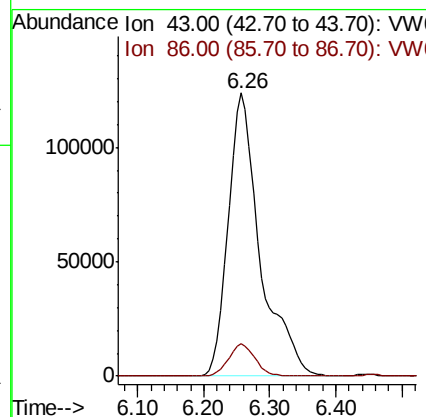
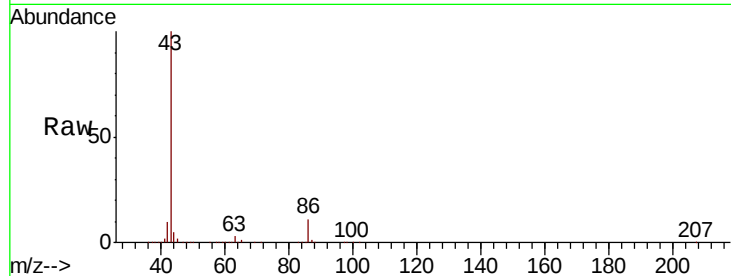
86 11.4 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 20.229 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

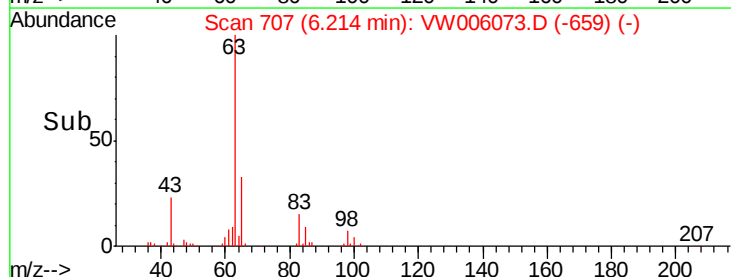
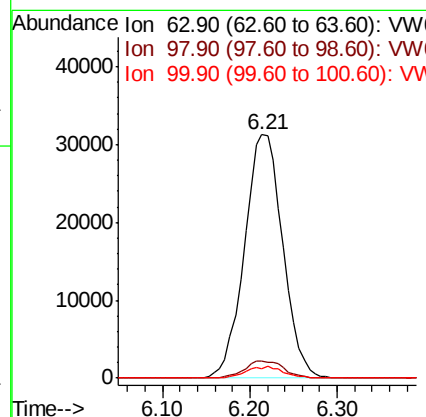
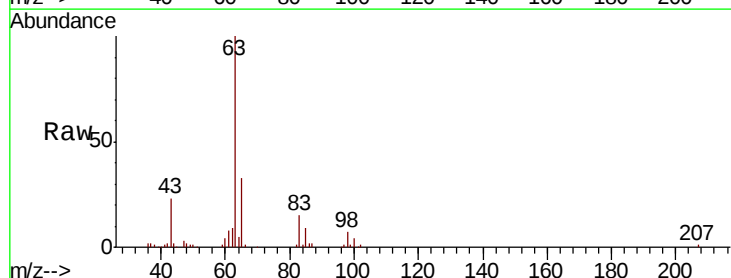
Tgt Ion: 63 Resp: 95032

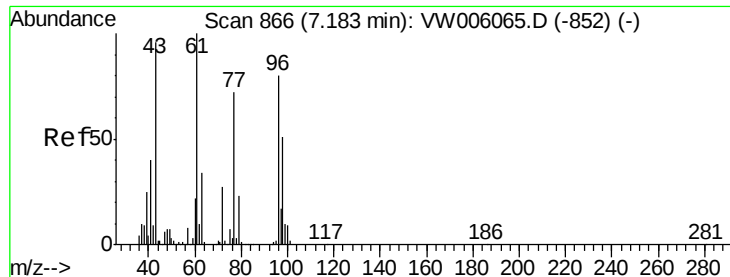
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 4.0 2.5 7.5





#25

2-Butanone

Concen: 102.458 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion: 43 Resp: 70765

Ion Ratio Lower Upper

43 100

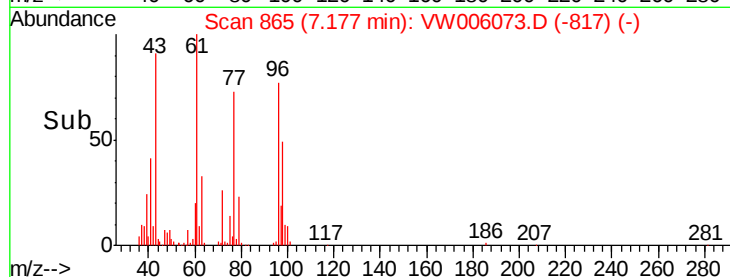
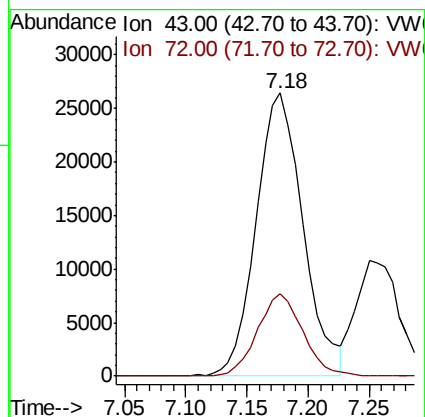
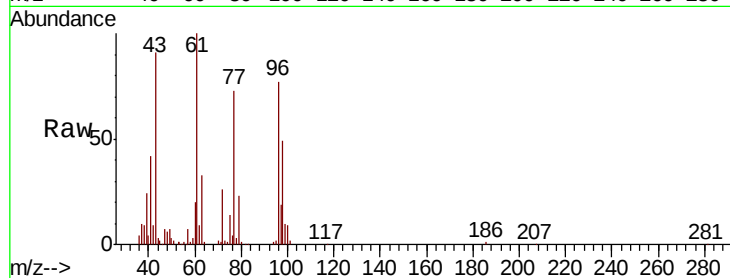
72 29.0 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 21.034 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006073.D

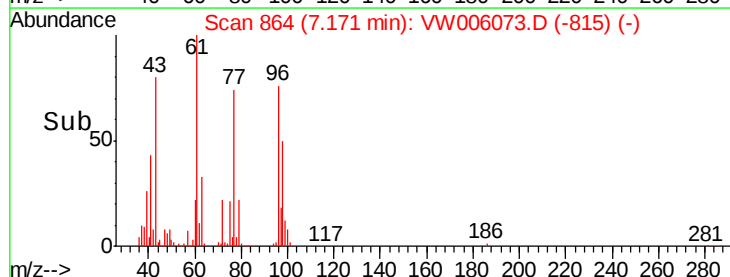
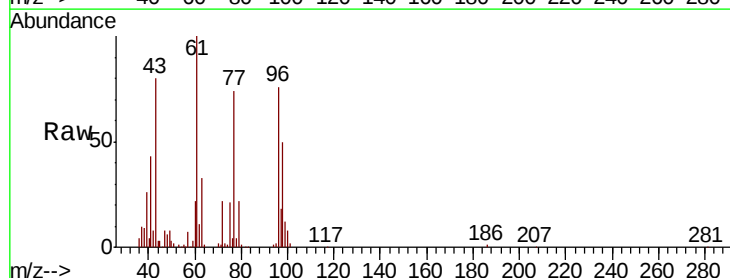
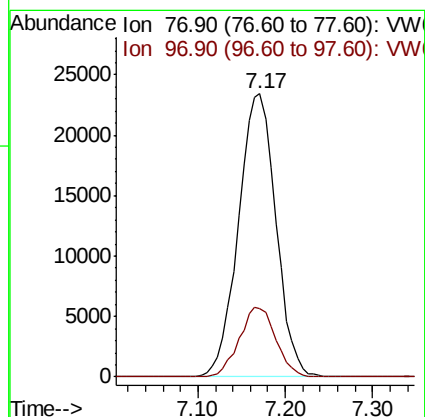
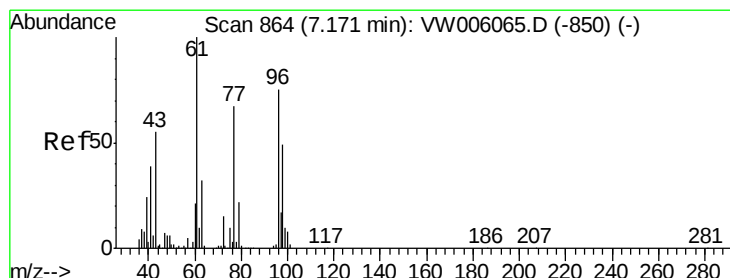
Acq: 16 Oct 2018 12:52

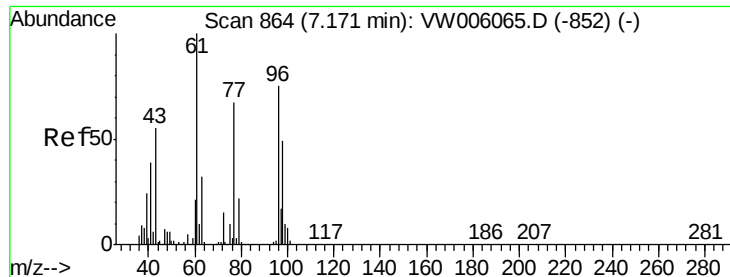
Tgt Ion: 77 Resp: 69694

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.4





#27

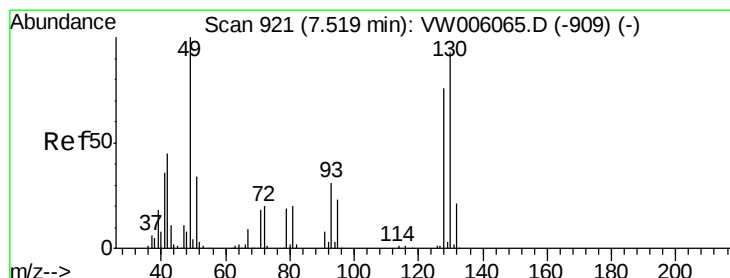
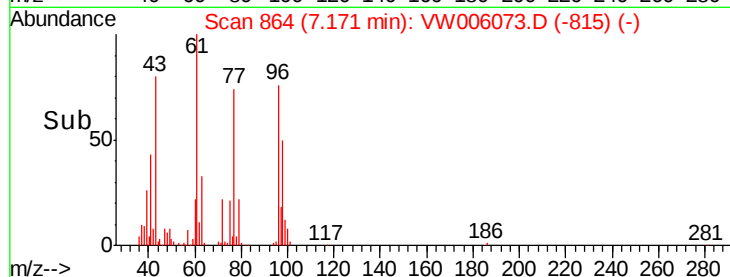
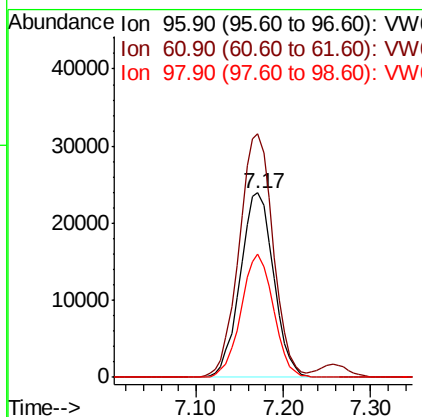
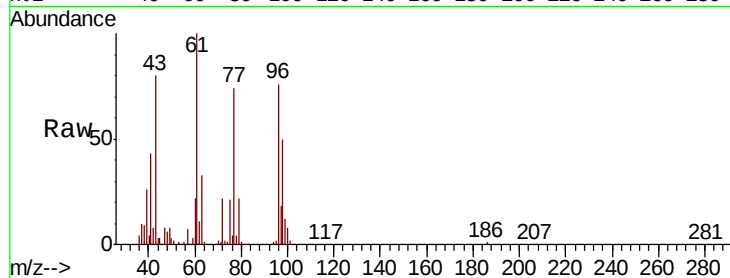
cis-1,2-Dichloroethene
Concen: 20.072 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	267.2
98	64.6	0.0	128.6

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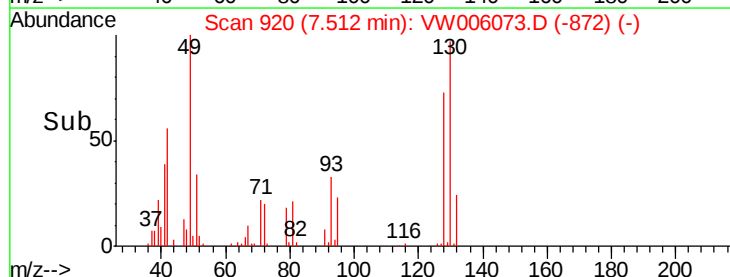
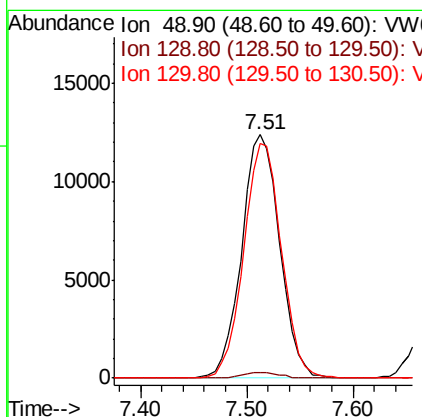
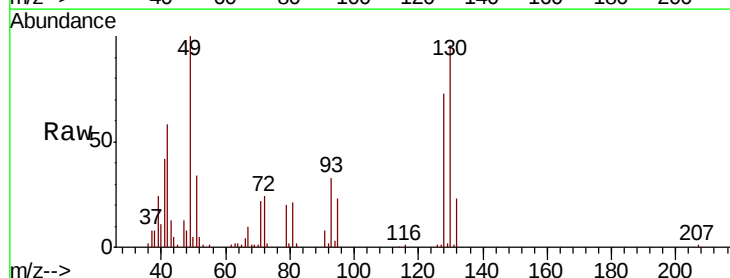
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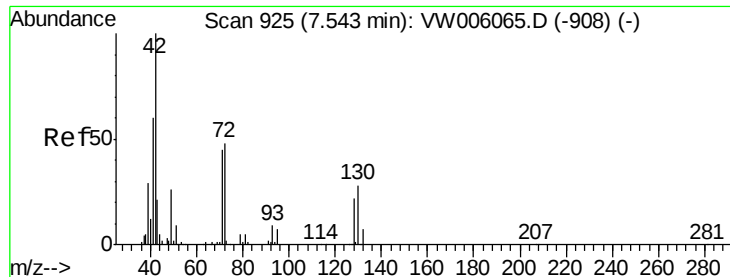


#28

Bromochloromethane
Concen: 17.148 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	95.2	73.8	110.8





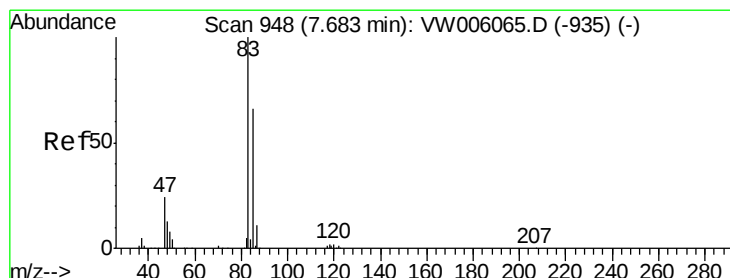
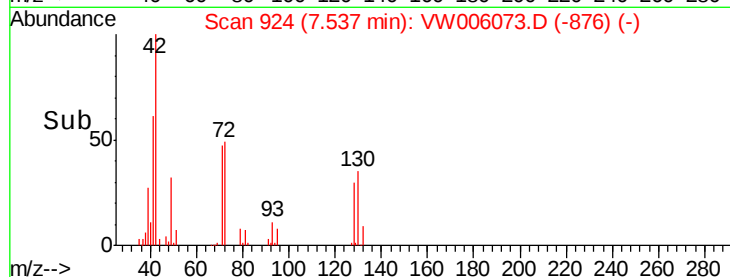
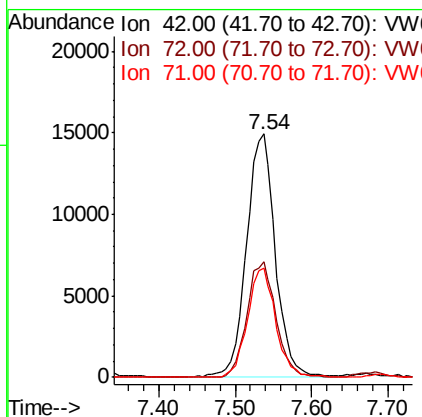
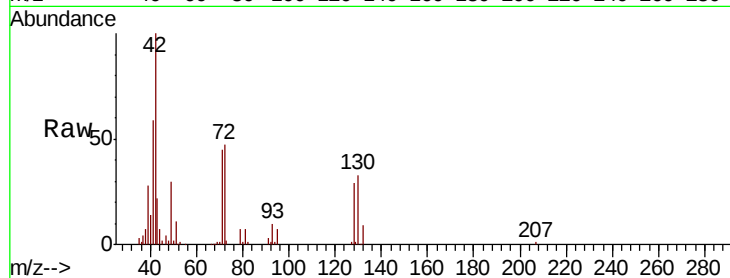
#29
Tetrahydrofuran
Concen: 92.498 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.8	38.0	57.0
71	43.8	35.3	52.9

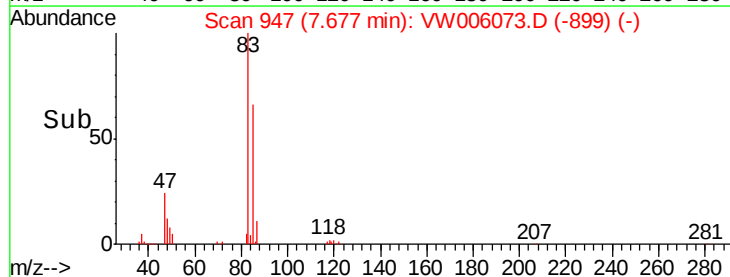
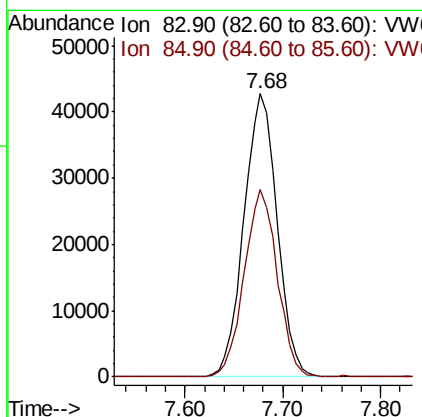
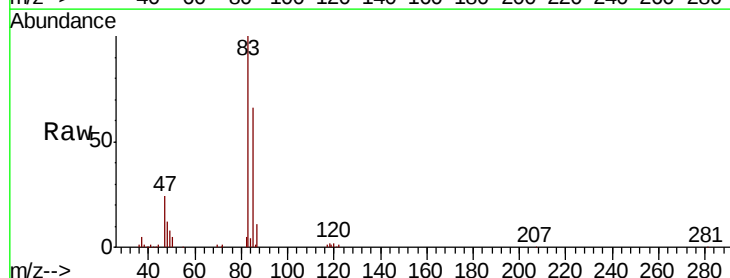
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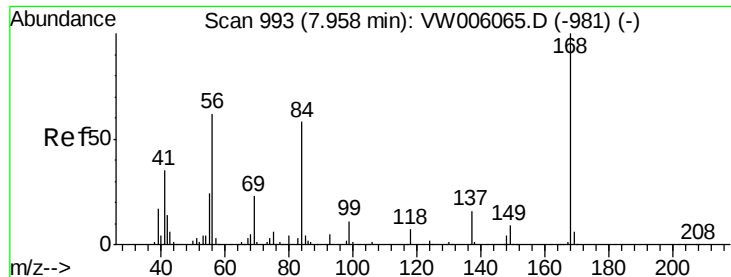
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#30
Chloroform
Concen: 19.766 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.6	79.0





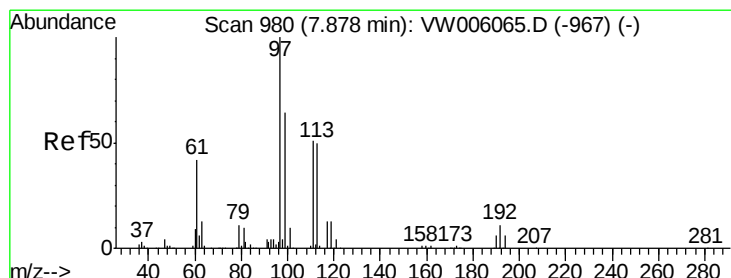
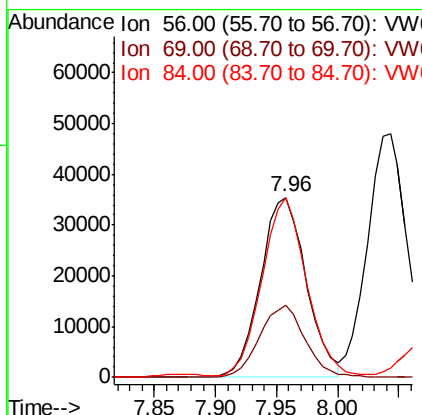
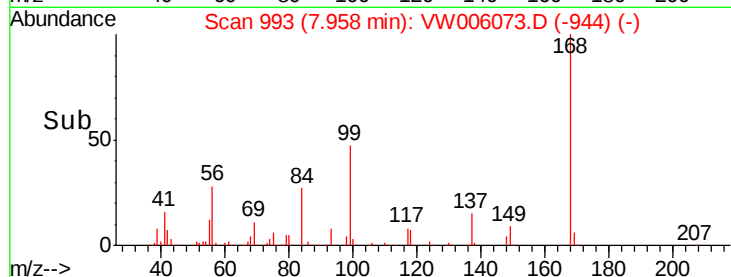
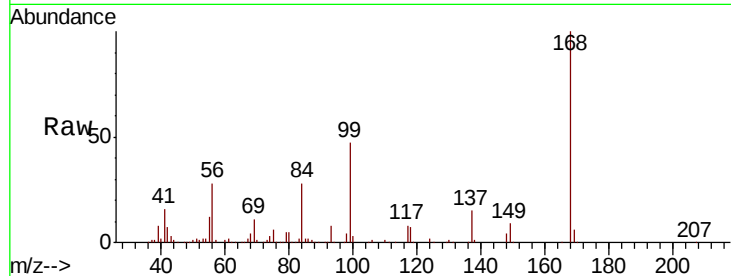
#31
Cyclohexane
Concen: 19.727 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.8	29.4	44.0
84	97.9	74.0	111.0

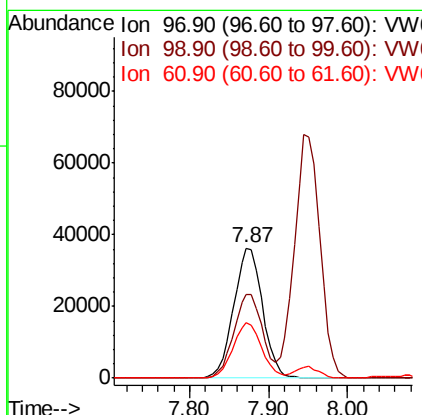
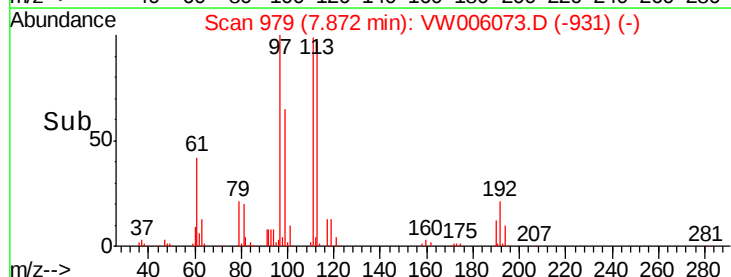
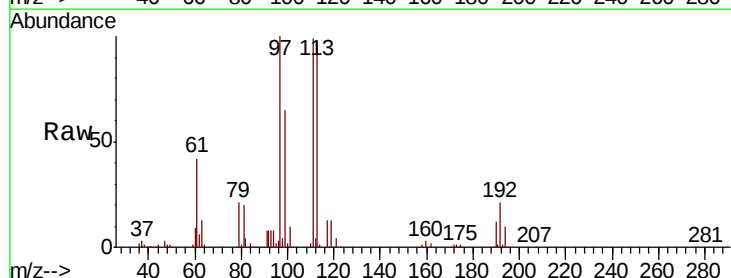
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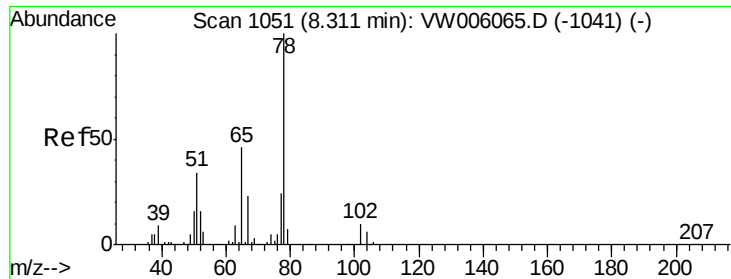
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#32
1,1,1-Trichloroethane
Concen: 19.966 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.9	76.3
61	42.7	33.7	50.5





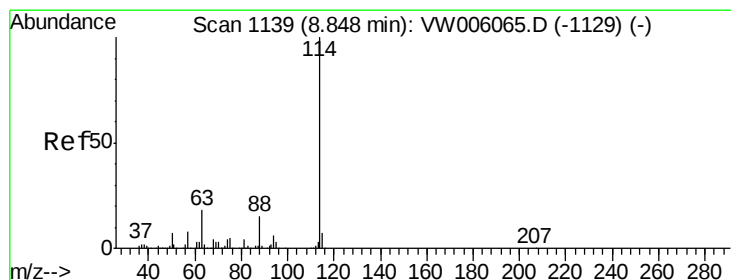
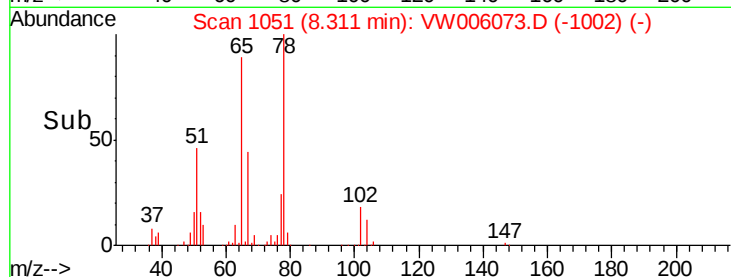
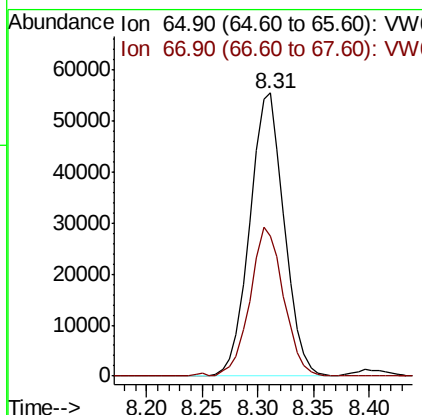
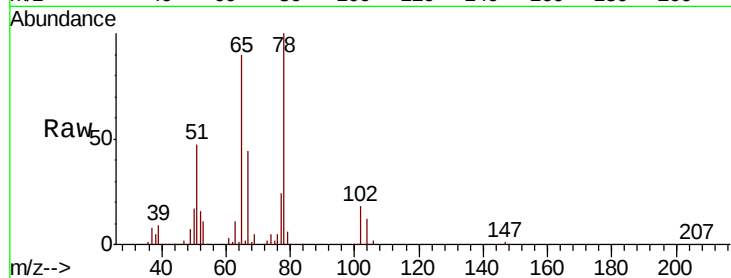
#33
 1,2-Dichloroethane-d4
 Concen: 46.726 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.2	0.0	101.0	

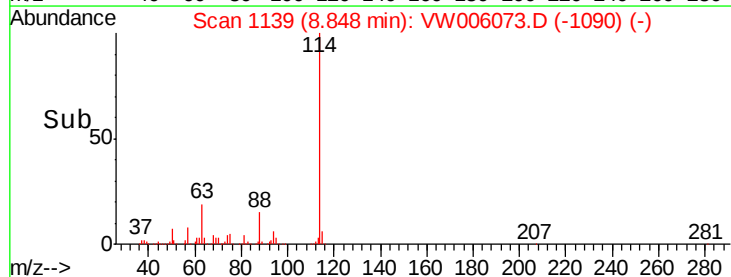
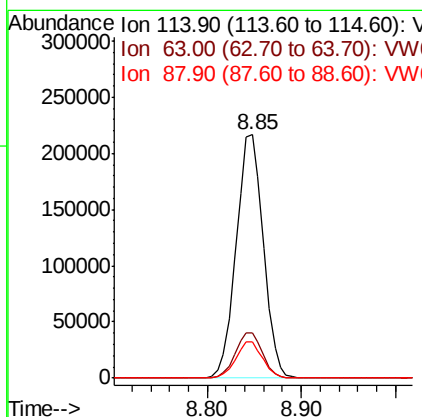
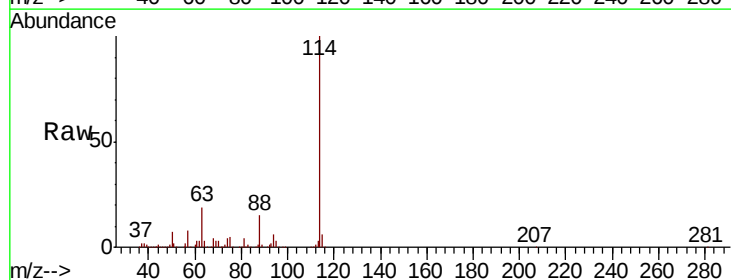
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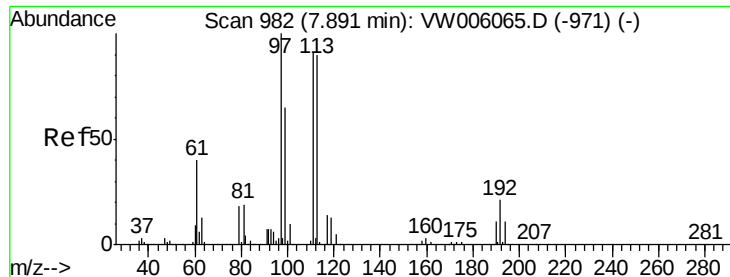
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.7	0.0	36.8	
88	14.7	0.0	29.0	





#35

Dibromofluoromethane

Concen: 48.790 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

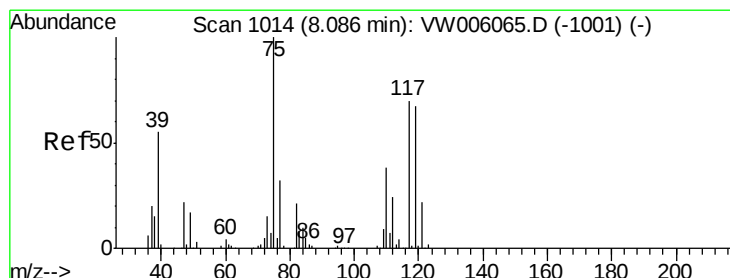
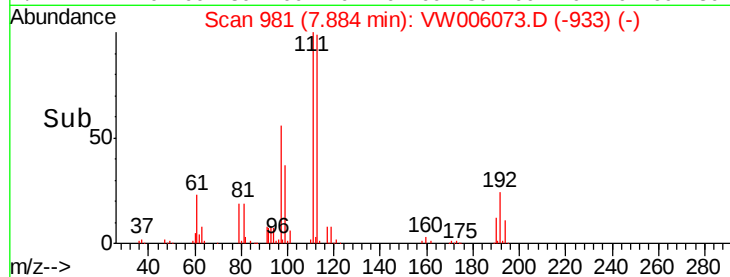
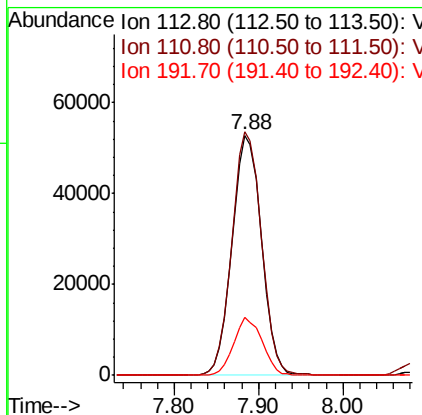
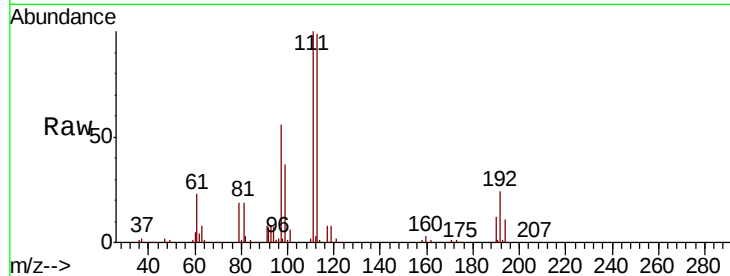
ClientSampleId :

VW1016SBS01

Tot Ion:	113	Resp:	124622
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.4	122.0
192	23.4	18.7	28.1

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#36

1,1-Dichloropropene

Concen: 20.656 ug/l

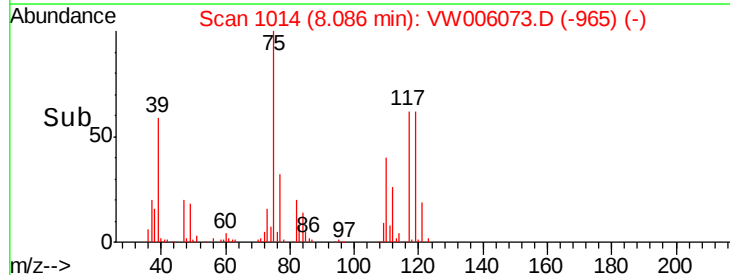
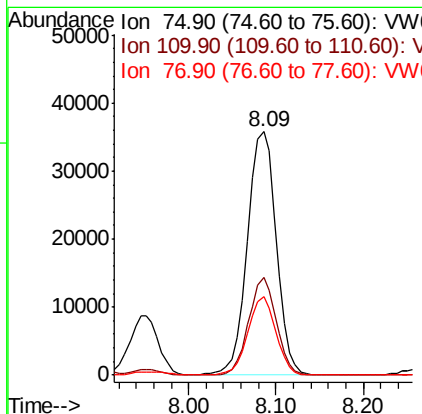
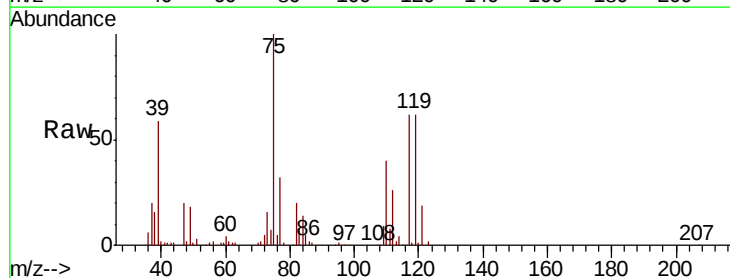
RT: 8.09 min Scan# 1014

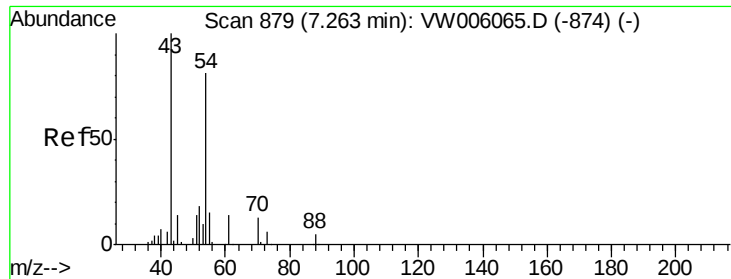
Delta R.T. -0.00 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Tgt Ion:	75	Resp:	82299
Ion Ratio	Lower	Upper	
75	100		
110	38.1	19.1	57.1
77	31.2	25.0	37.4





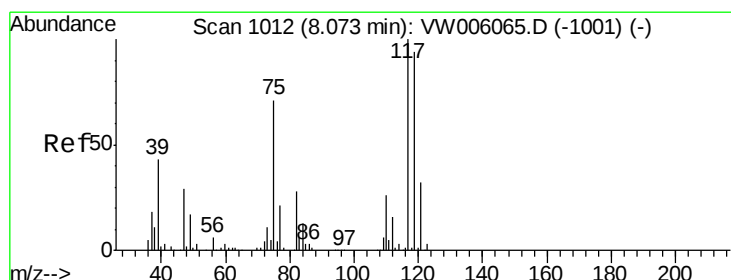
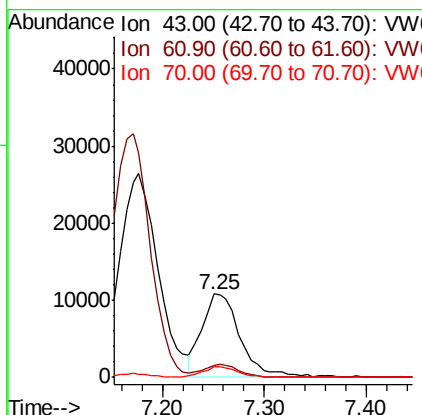
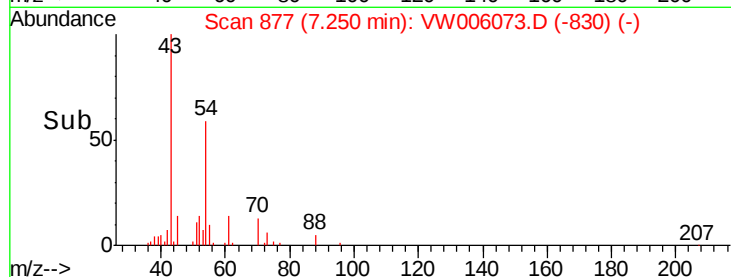
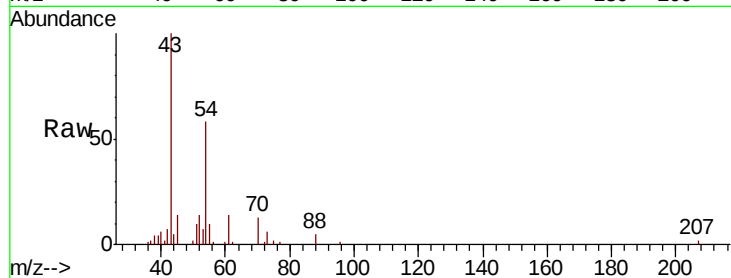
#37
Ethyl Acetate
Concen: 18.890 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.5	17.3
70	11.7	9.2	13.8

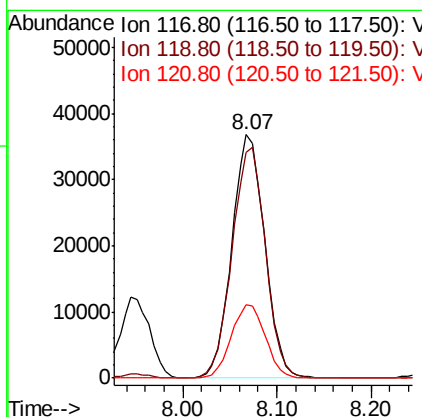
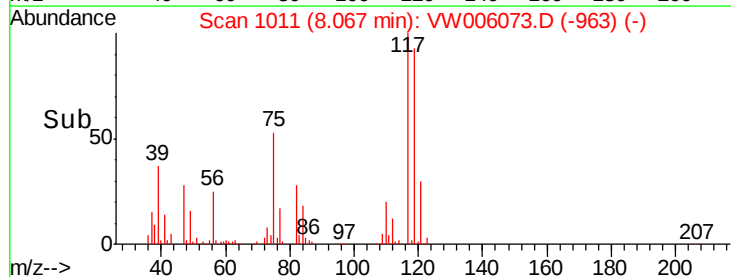
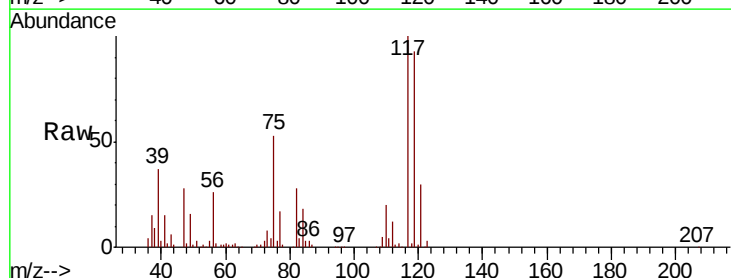
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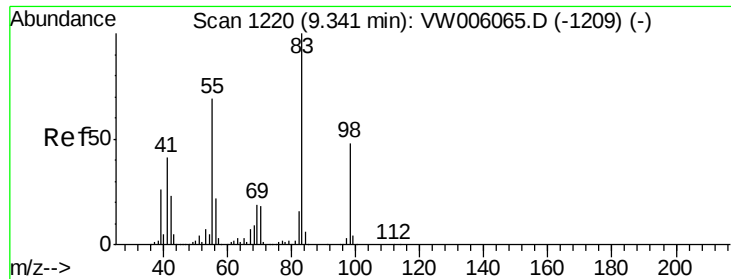
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#38
Carbon Tetrachloride
Concen: 20.586 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.2	112.8
121	30.2	25.3	37.9





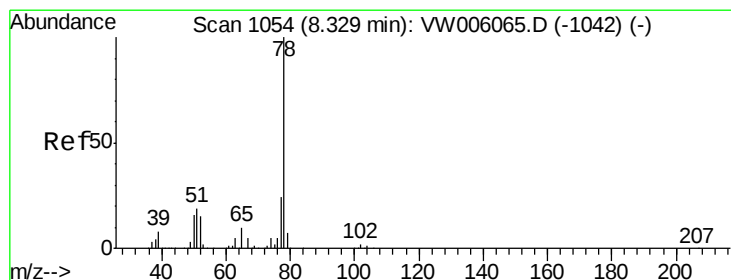
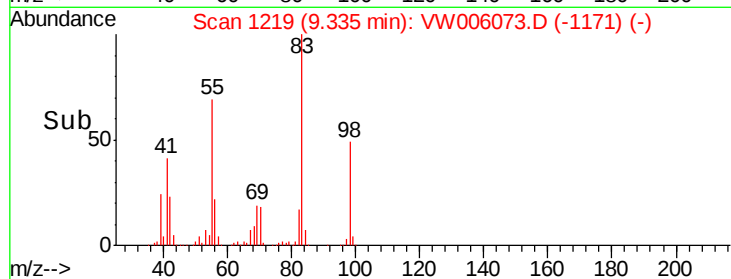
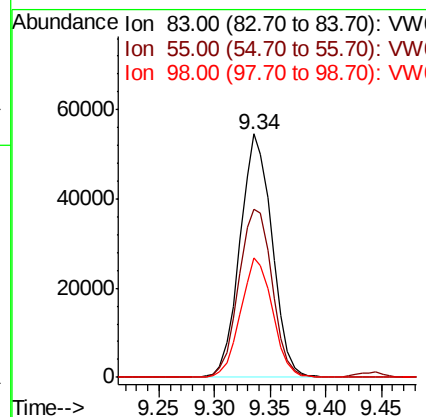
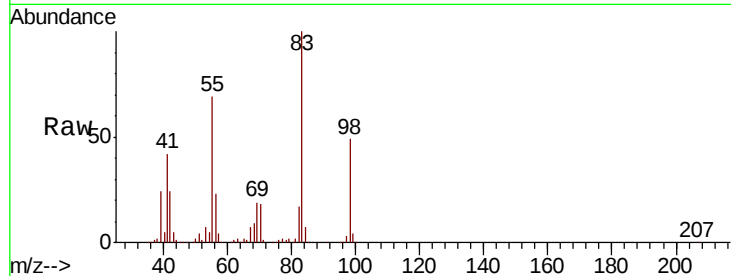
#39
Methvlcvclohexane
Concen: 20.585 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	69.1	55.0	82.6	
98	49.3	38.6	57.8	

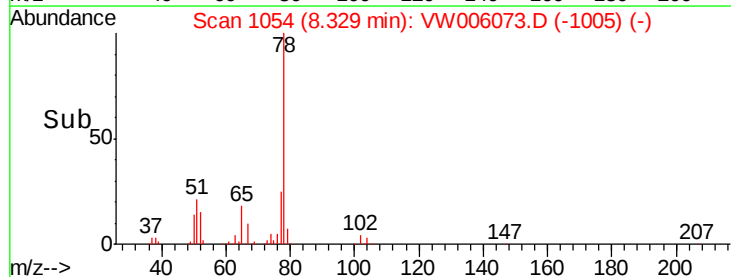
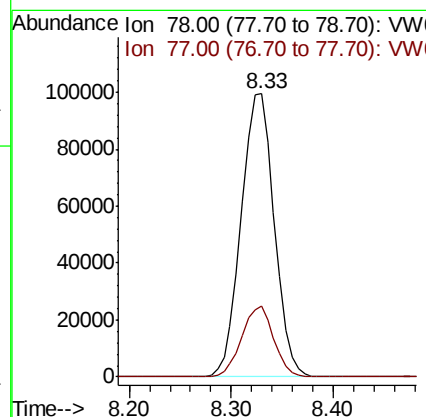
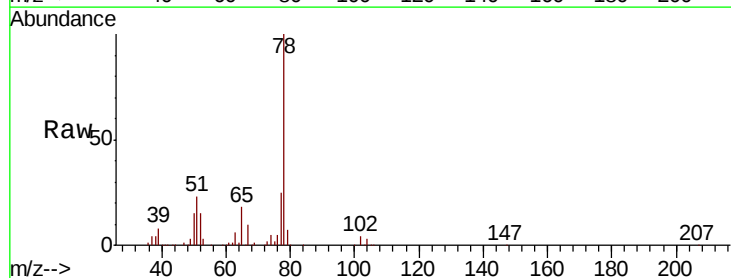
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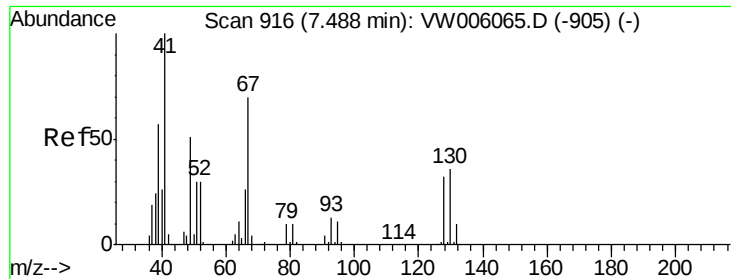
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#40
Benzene
Concen: 20.512 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.9	19.4	29.0	





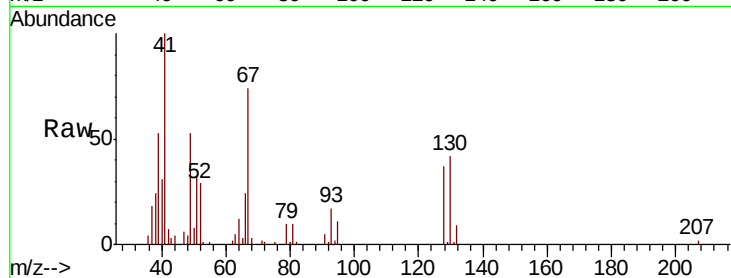
#41
Methacrylonitrile
Concen: 18.793 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampled :
VW1016SBS01

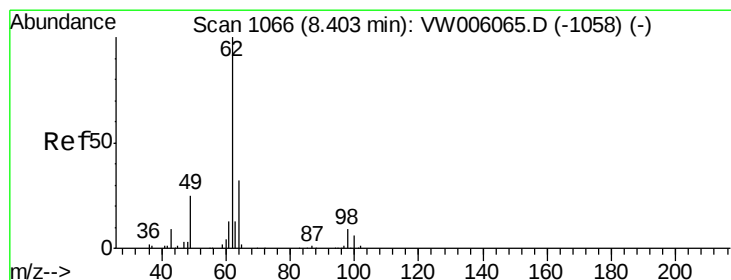
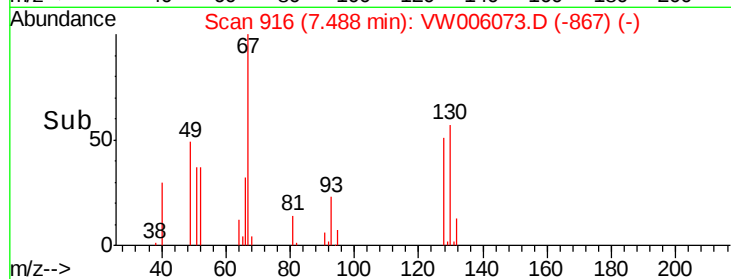
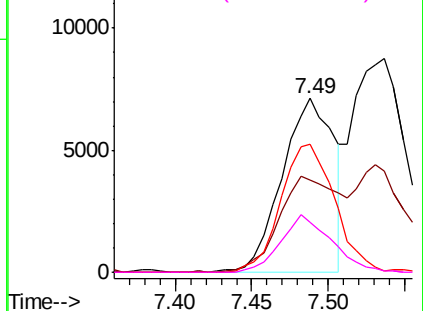
Tot Ion	Ratio	Lower	Upper
41	100		
39	65.9	46.2	69.4
67	77.1	57.7	86.5
52	32.4	24.7	37.1

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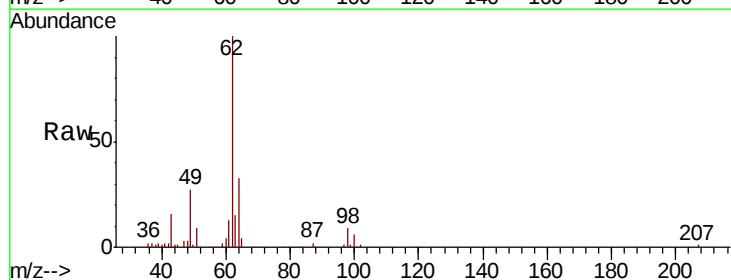


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

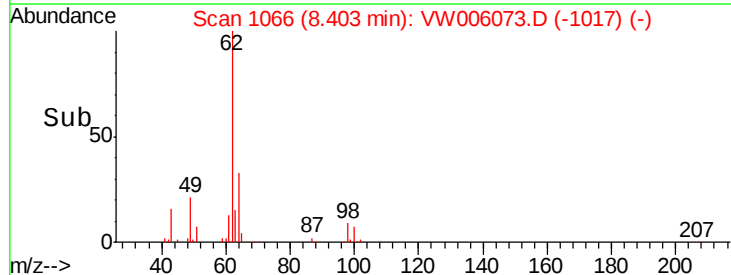
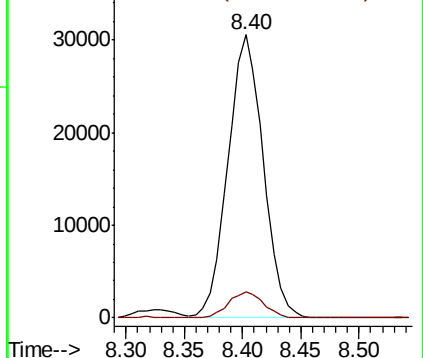


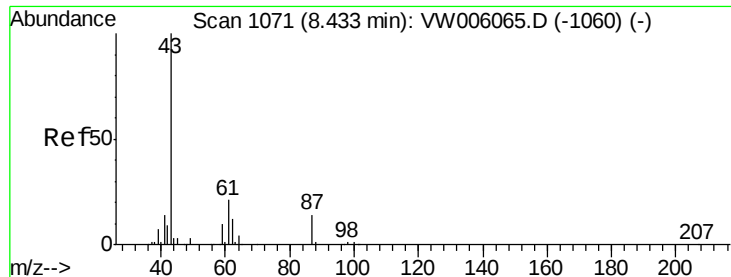
#42
1,2-Dichloroethane
Concen: 20.040 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 19.412 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

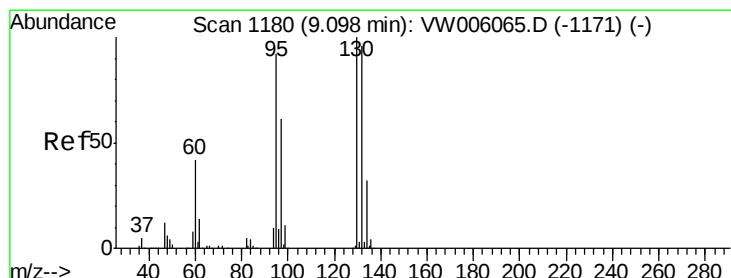
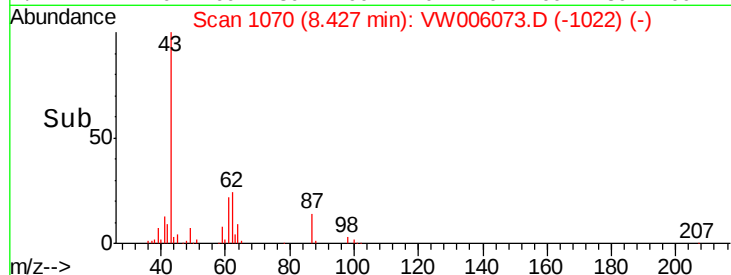
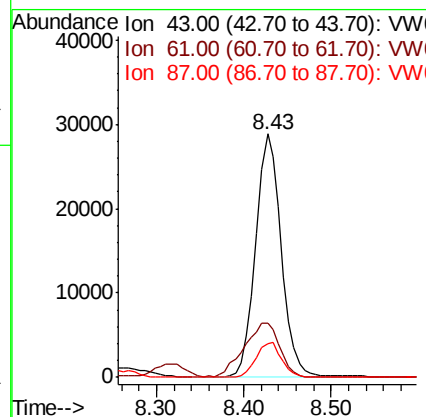
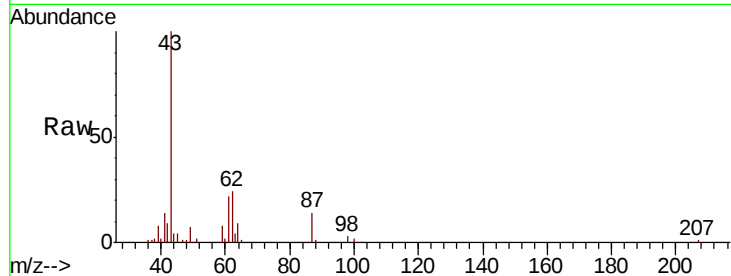
ClientSampleId :

VW1016SBS01

Tot Ion:	43	Resp:	58756
Ion	Ratio	Lower	Upper
43	100		
61	31.0	25.5	38.3
87	14.2	11.7	17.5

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#44

Trichloroethene

Concen: 20.683 ug/l

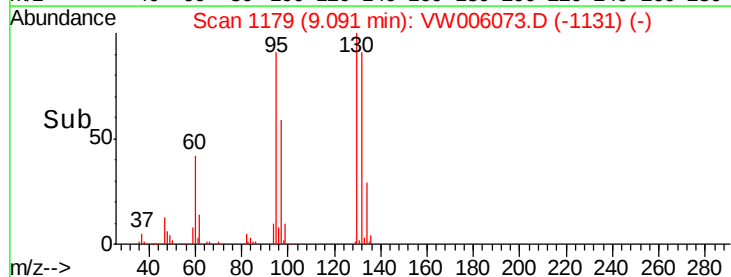
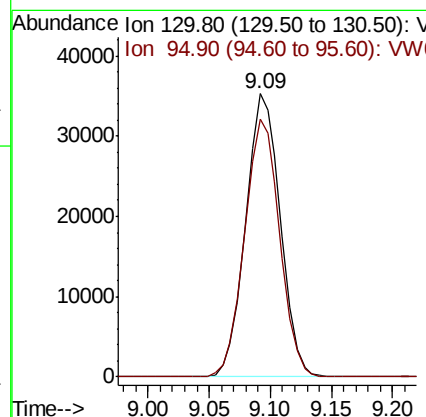
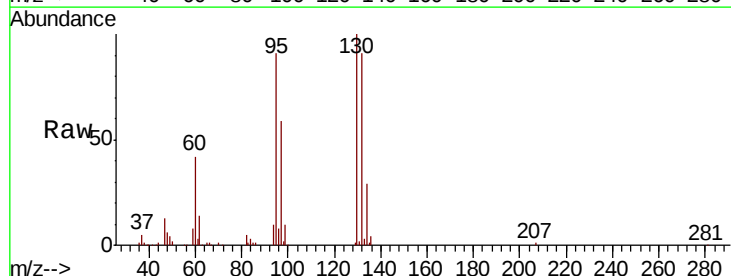
RT: 9.09 min Scan# 1179

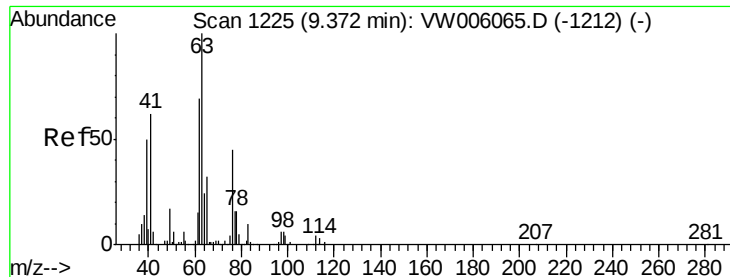
Delta R.T. -0.01 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Tgt Ion:	130	Resp:	69351
Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	183.2





#45

1,2-Dichloropropane

Concen: 20.147 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion: 63 Resp: 52690

Ion Ratio Lower Upper

63 100

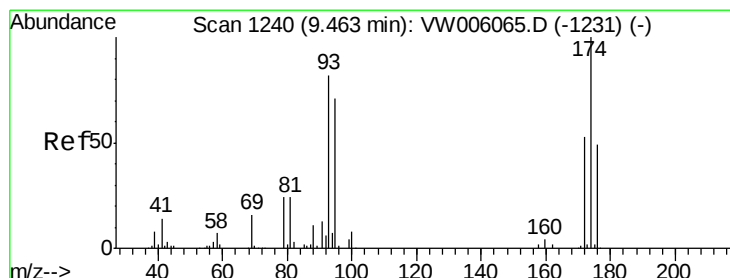
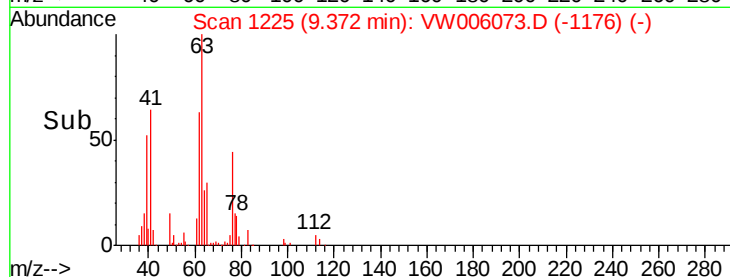
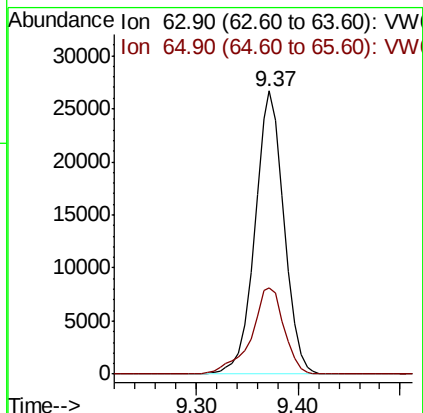
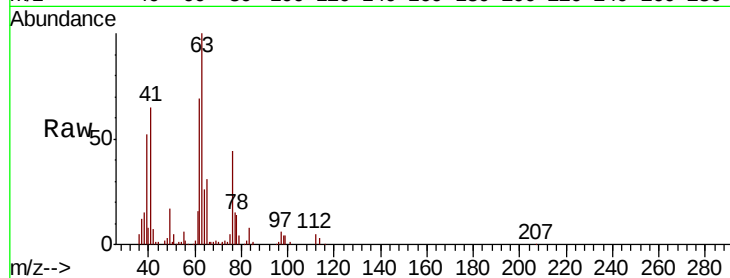
65 30.5 25.4 38.0

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#46

Dibromomethane

Concen: 19.824 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

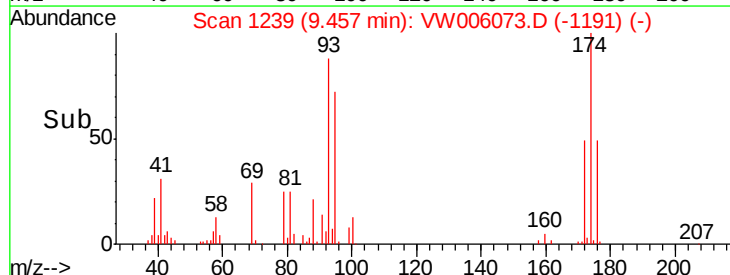
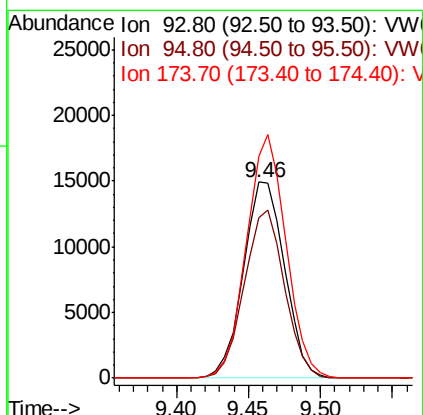
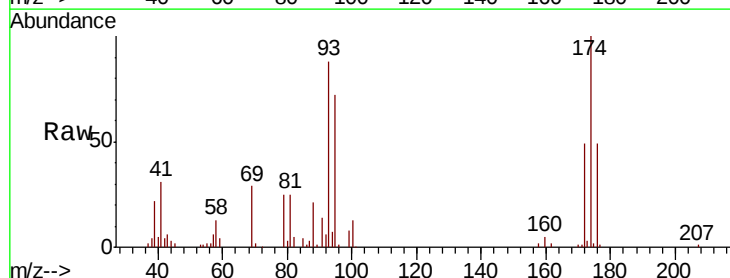
Tgt Ion: 93 Resp: 29550

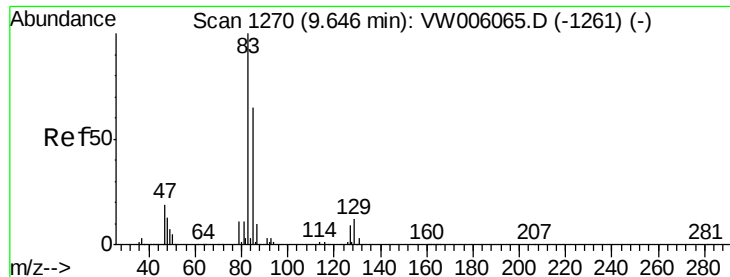
Ion Ratio Lower Upper

93 100

95 83.9 67.7 101.5

174 119.2 93.7 140.5





#47

Bromodichloromethane

Concen: 20.152 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

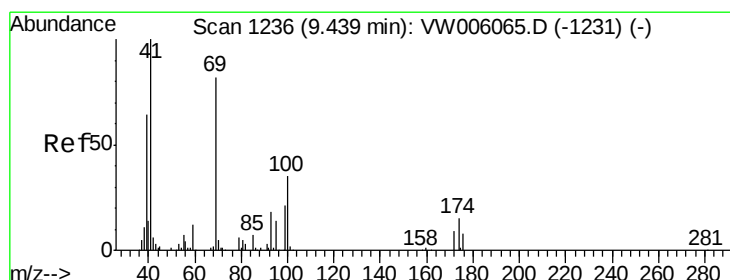
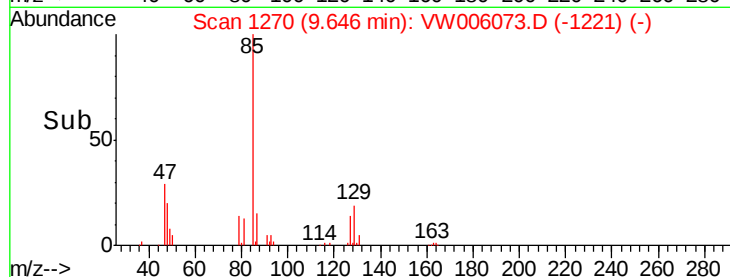
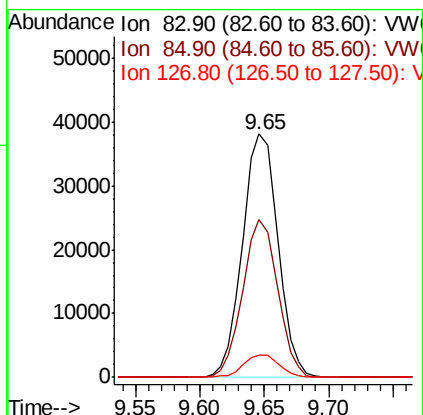
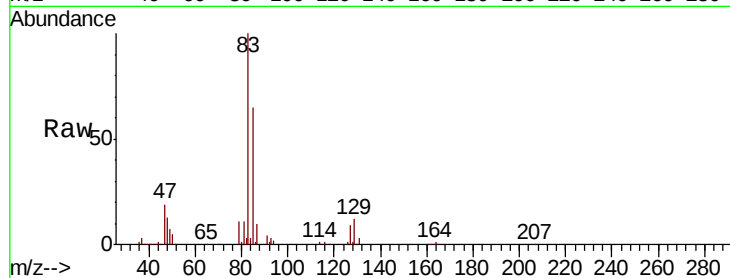
ClientSampleId :

VW1016SBS01

Tot Ion:	83	Resp:	72827
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.8	77.8
127	9.0	6.9	10.3

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#48

Methyl methacrylate

Concen: 19.108 ug/l

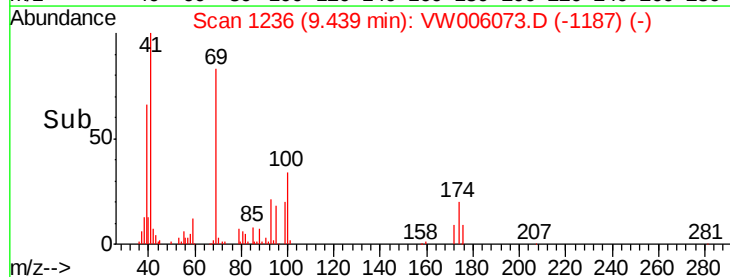
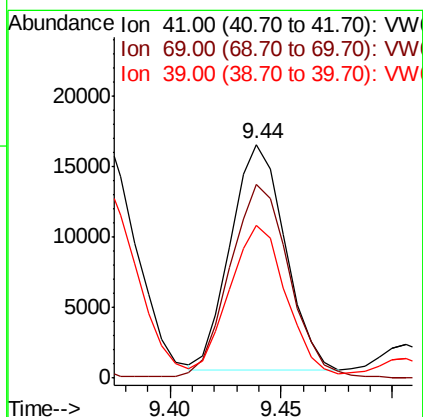
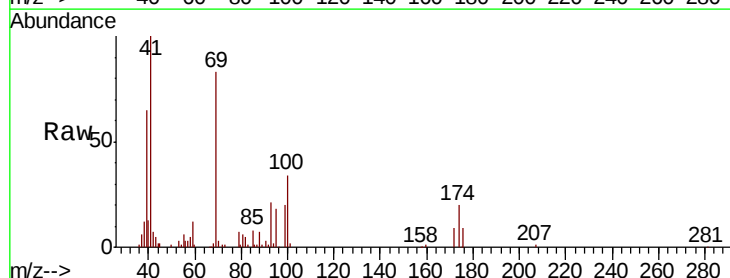
RT: 9.44 min Scan# 1236

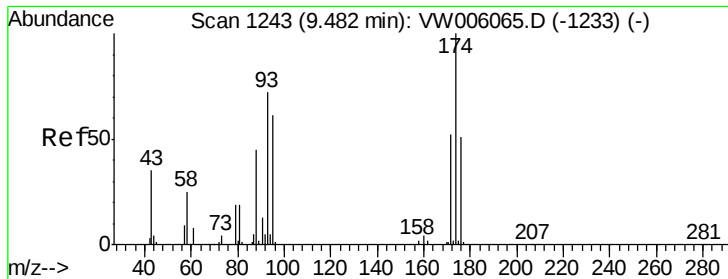
Delta R.T. -0.00 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Tgt Ion:	41	Resp:	27414
Ion	Ratio	Lower	Upper
41	100		
69	93.6	71.8	107.8
39	66.4	52.5	78.7





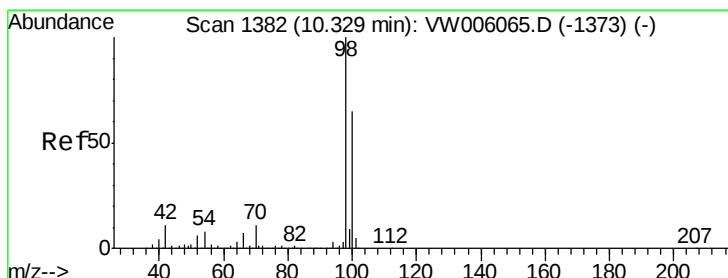
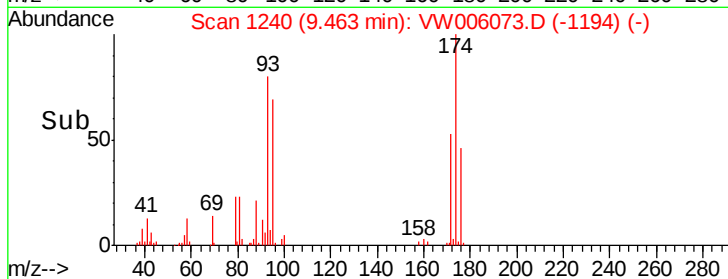
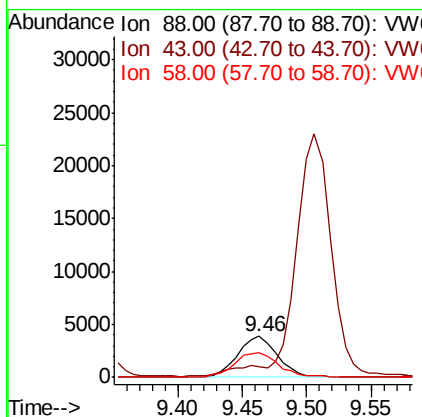
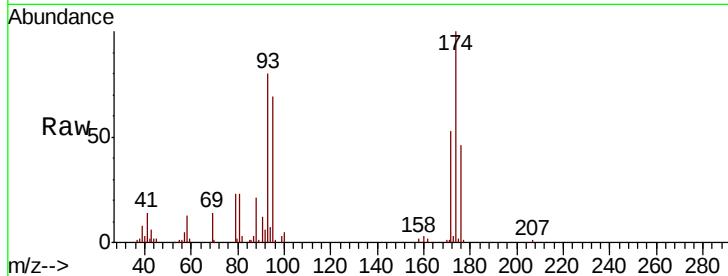
#49
1,4-Dioxane
Concen: 363.006 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	88	Resp	8330
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	67.5	51.2	76.8

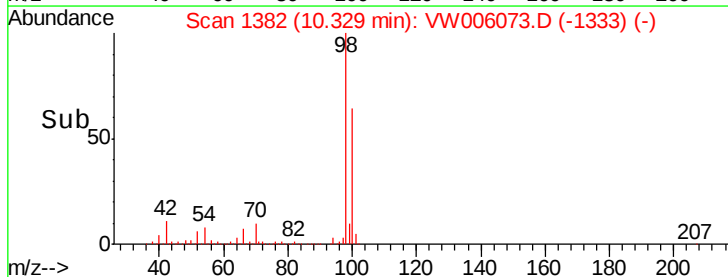
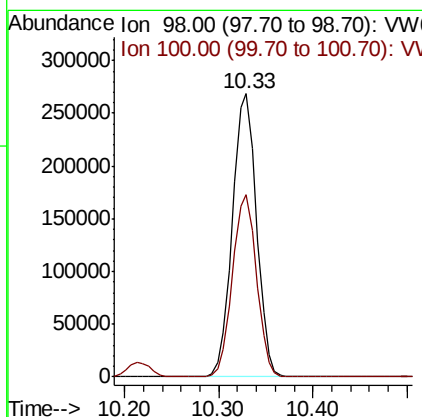
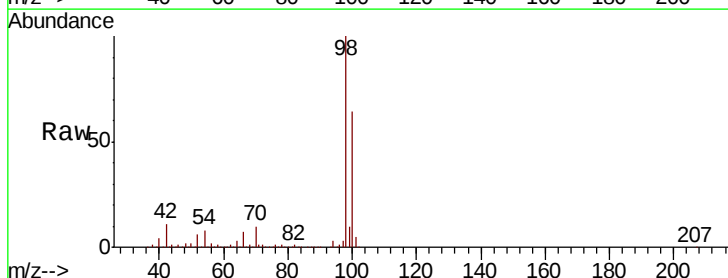
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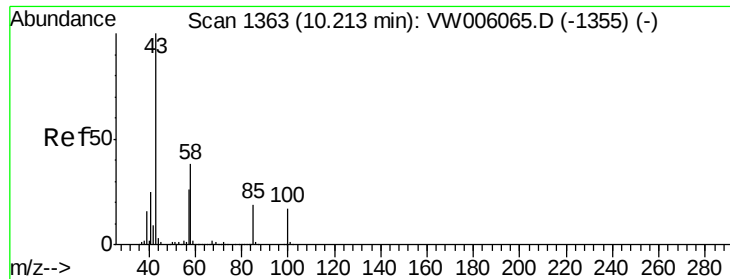
apatel
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#50
Toluene-d8
Concen: 49.144 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion	98	Resp	477570
Ion Ratio	100	Lower	Upper
98	100		
100	64.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 95.100 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion: 43 Resp: 144221

Ion Ratio Lower Upper

43 100

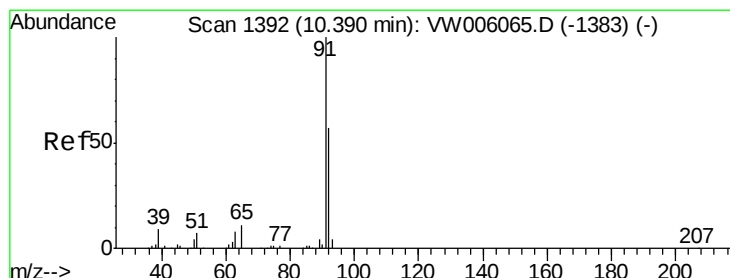
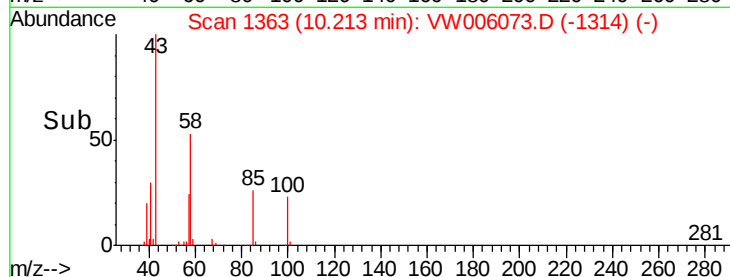
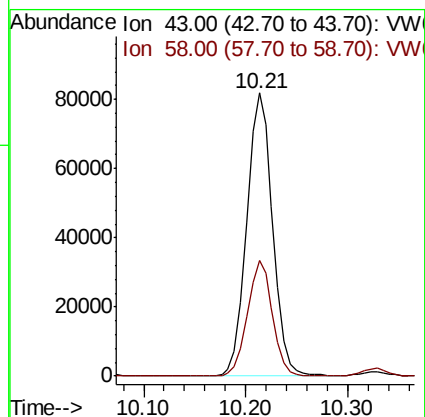
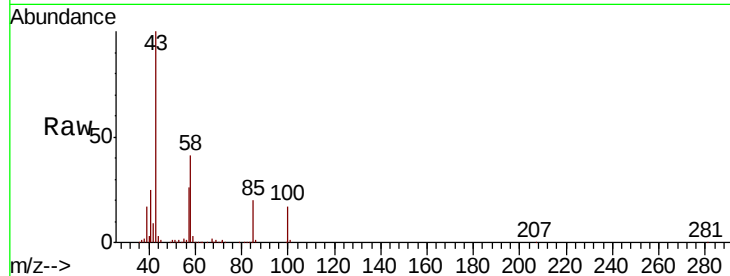
58 39.4 31.5 47.3

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#52

Toluene

Concen: 20.854 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006073.D

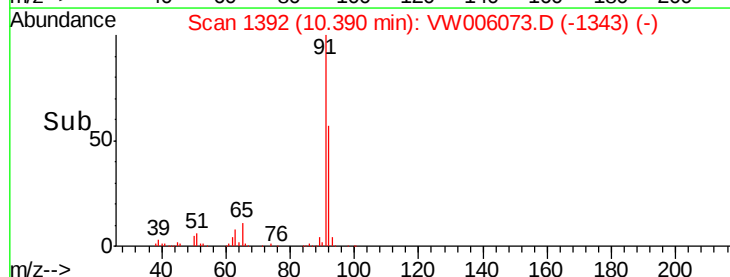
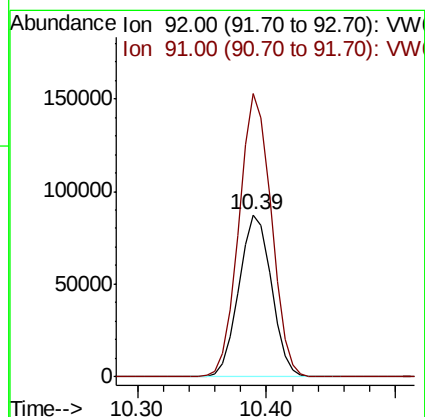
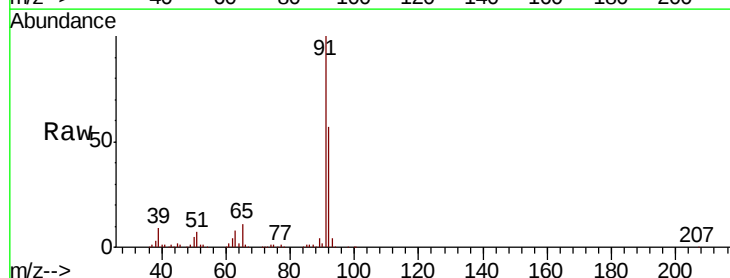
Acq: 16 Oct 2018 12:52

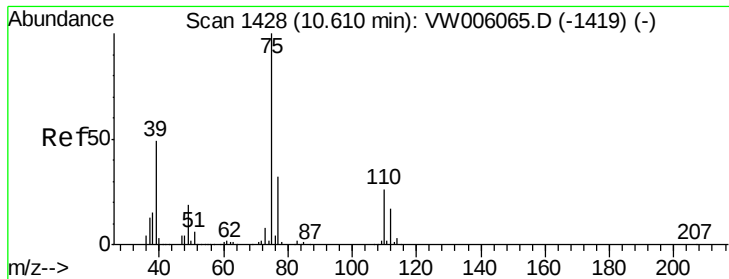
Tgt Ion: 92 Resp: 152803

Ion Ratio Lower Upper

92 100

91 173.2 140.0 210.0





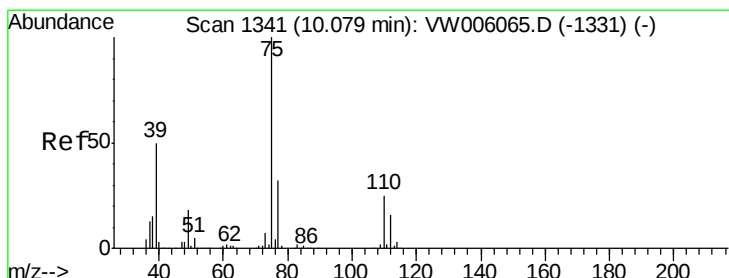
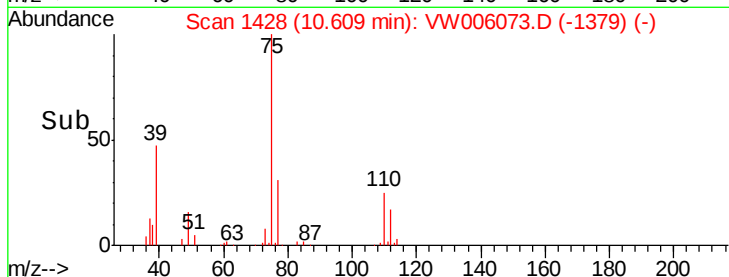
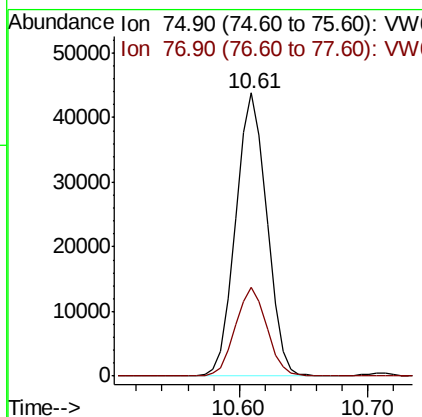
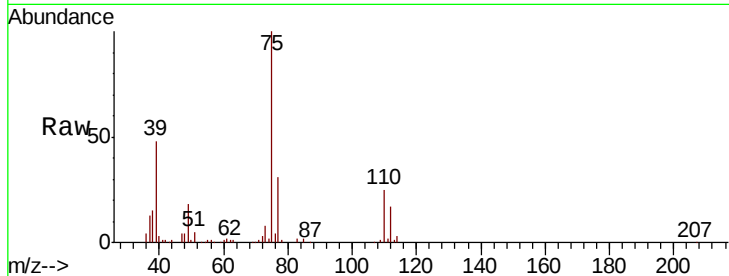
#53
t-1,3-Dichloropropene
Concen: 20.378 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion: 75 Resp: 73373
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2

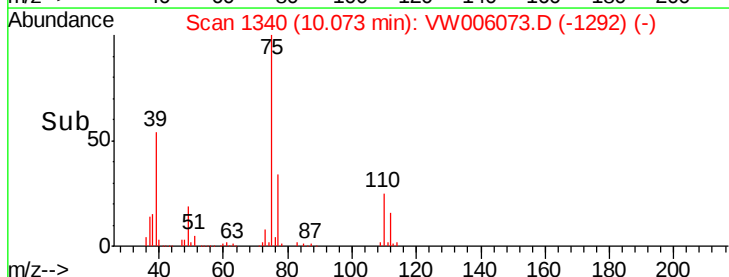
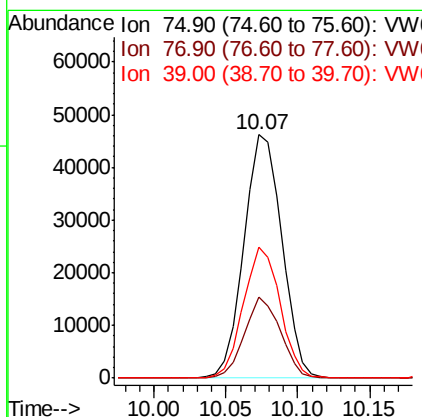
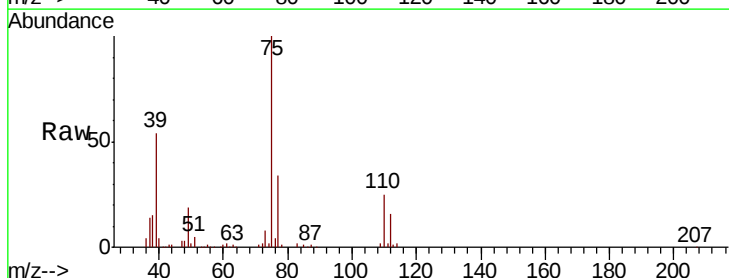
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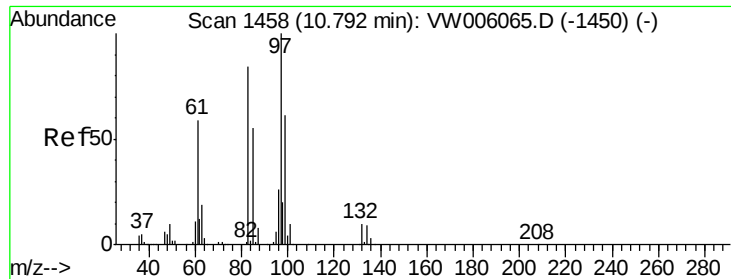
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#54
cis-1,3-Dichloropropene
Concen: 20.371 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion: 75 Resp: 84181
Ion Ratio Lower Upper
75 100
77 33.5 25.2 37.8
39 54.0 39.9 59.9





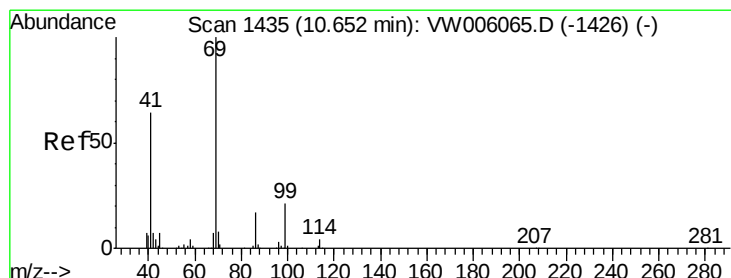
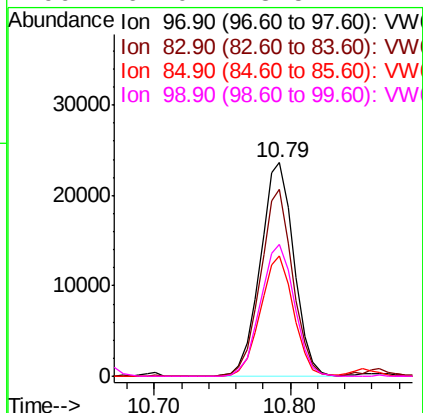
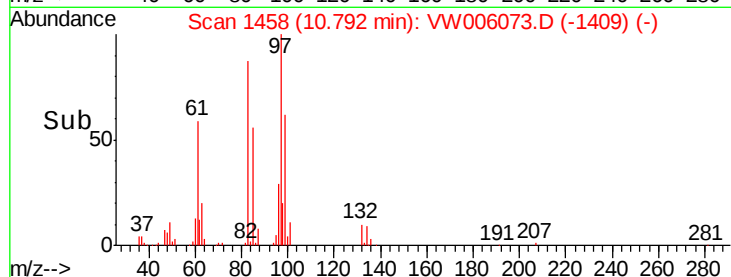
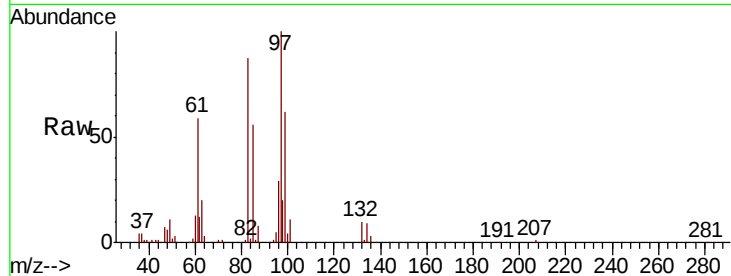
#55
 1,1,2-Trichloroethane
 Concen: 19.596 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion:	97	Resp:	40876
Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.2	100.8
85	56.3	43.7	65.5
99	62.0	48.5	72.7

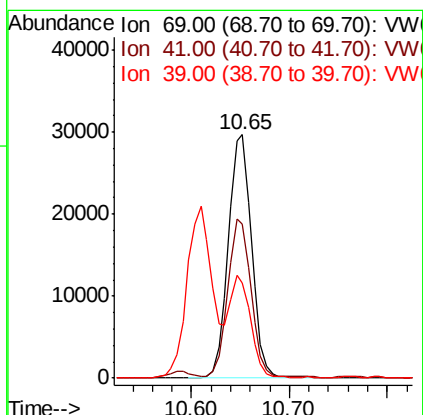
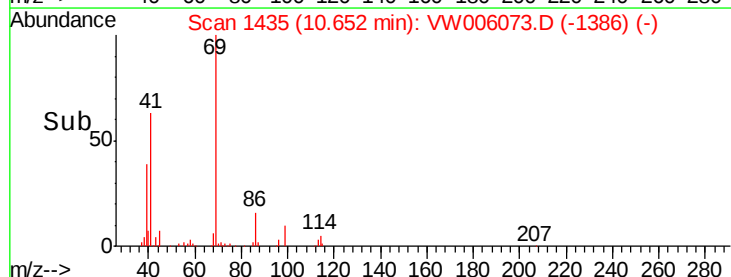
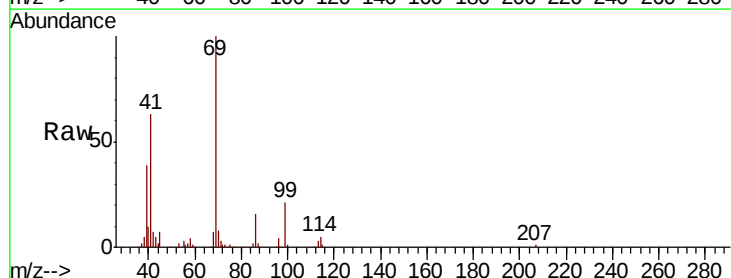
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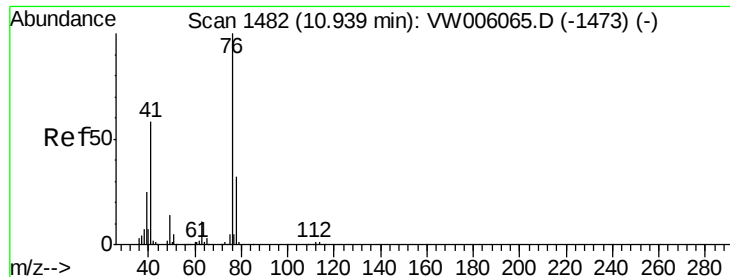
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#56
 Ethyl methacrylate
 Concen: 19.214 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Tgt Ion:	69	Resp:	49134
Ion	Ratio	Lower	Upper
69	100		
41	64.9	52.8	79.2
39	36.5	30.6	45.8





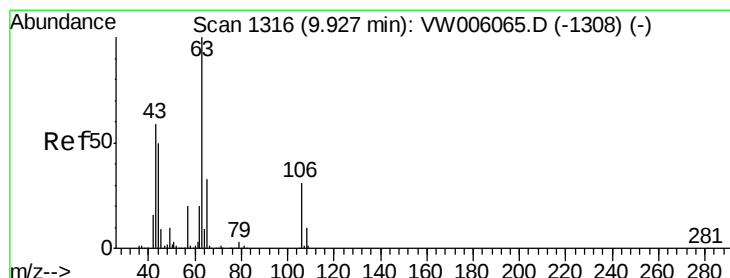
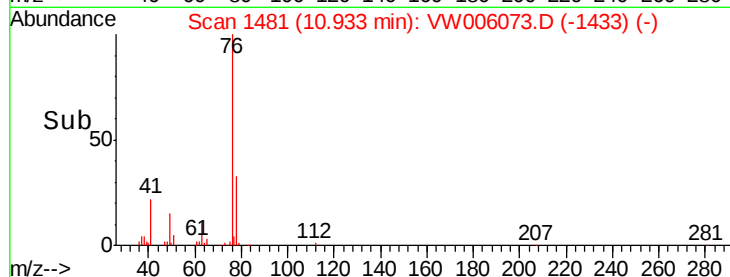
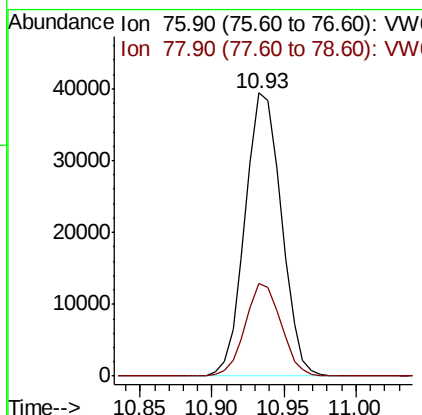
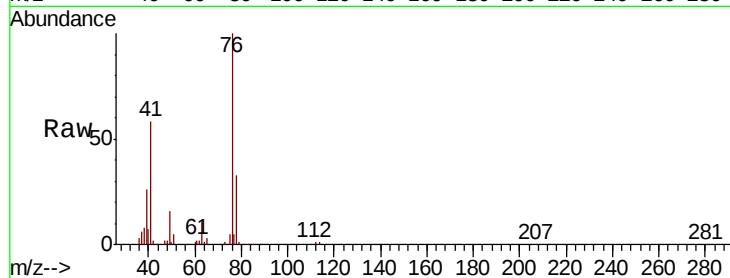
#57
 1,3-Dichloropropane
 Concen: 19.997 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion: 76 Resp: 69052
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9

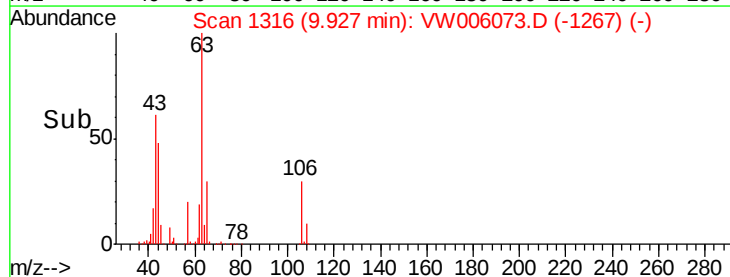
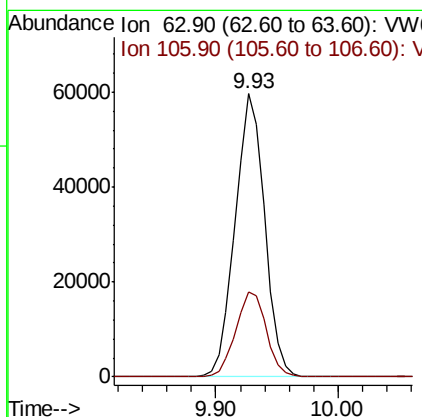
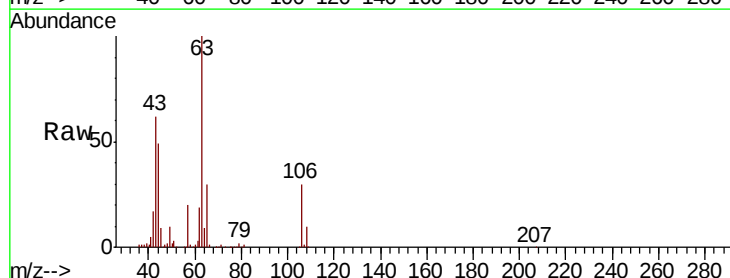
Manual Integrations
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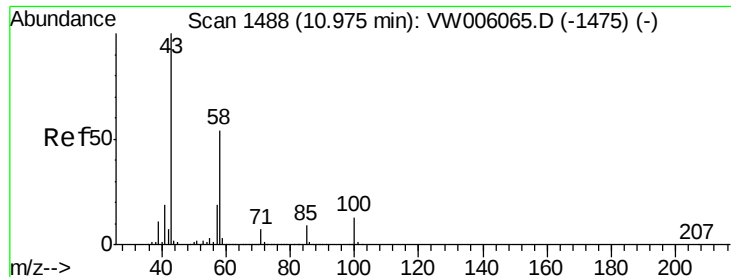
apatel
 10/17/2018 10:04:45 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.476 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Tgt Ion: 63 Resp: 99155
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.5 36.7





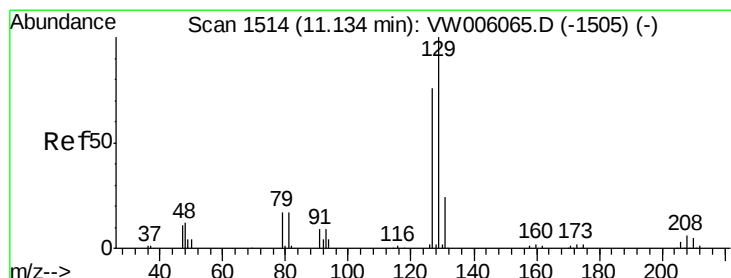
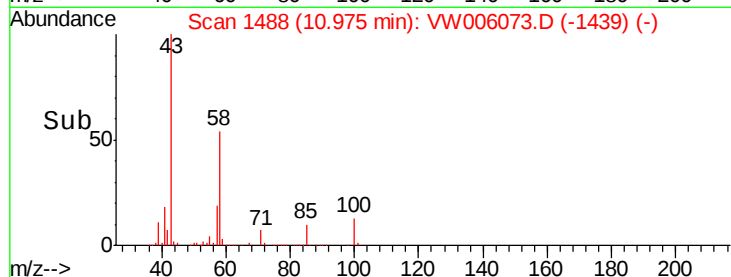
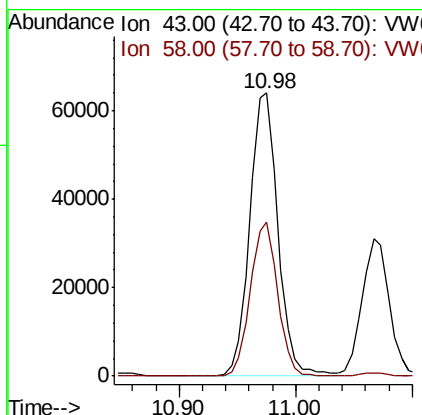
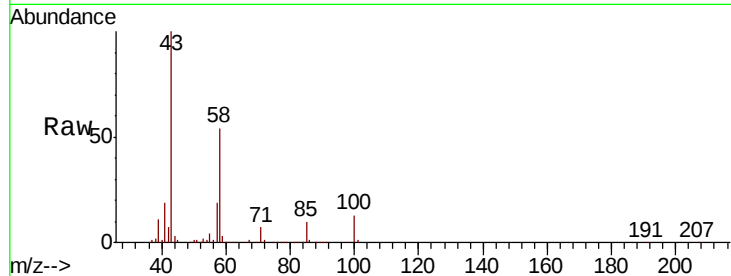
#59
2-Hexanone
Concen: 100.285 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion: 43 Resp: 108563
Ion Ratio Lower Upper
43 100
58 52.7 26.9 80.6

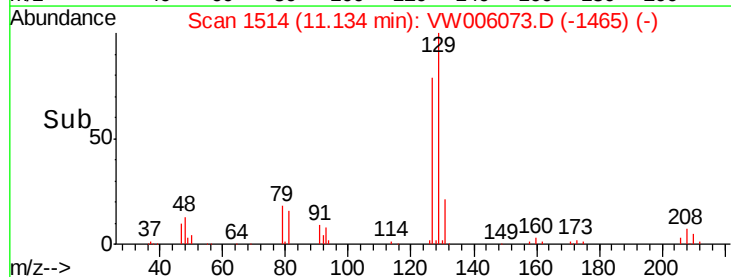
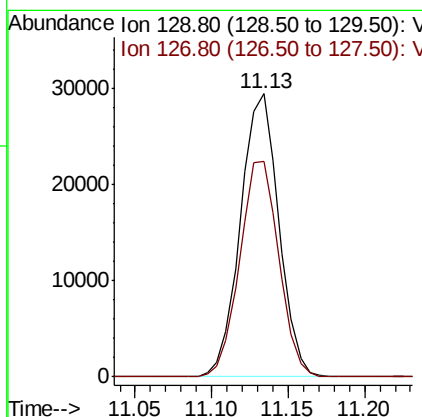
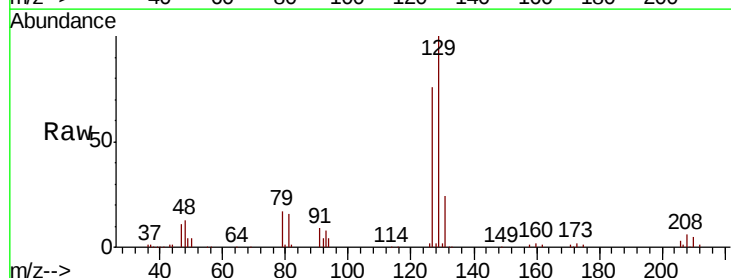
Manual Integrations
APPROVED

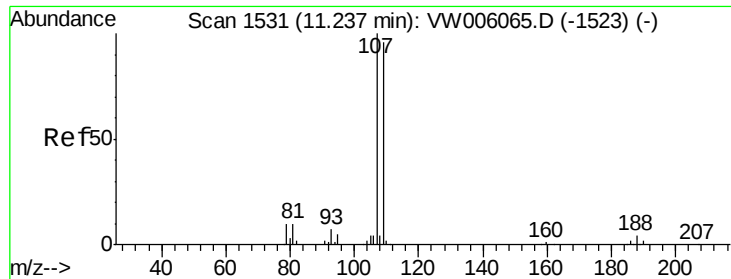
apatel
10/17/2018 10:04:45 AM



#60
Dibromochloromethane
Concen: 19.795 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion: 129 Resp: 51431
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7





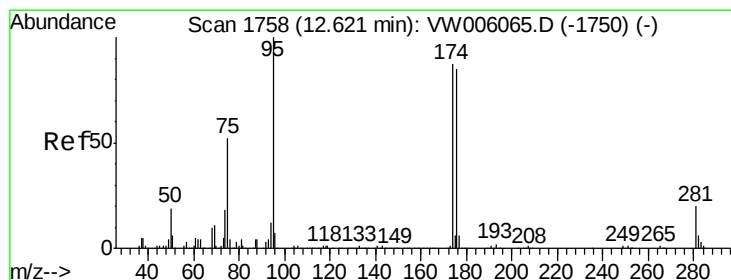
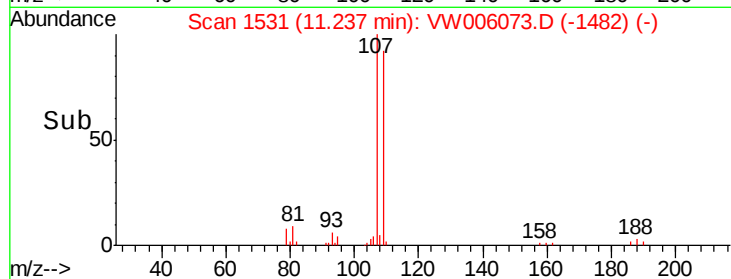
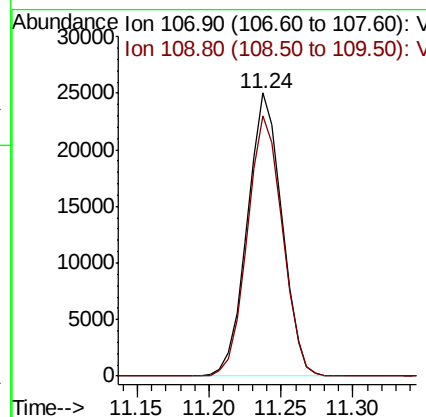
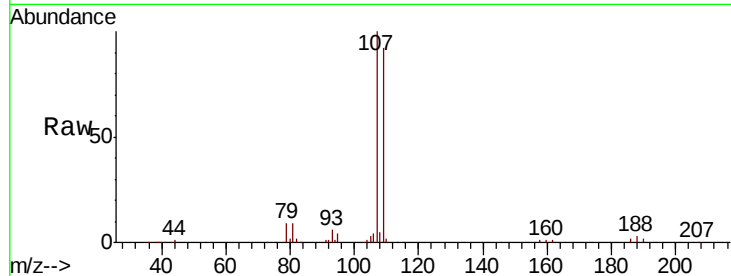
#61
 1,2-Dibromoethane
 Concen: 19.944 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion: 107 Resp: 41567
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.3 114.5

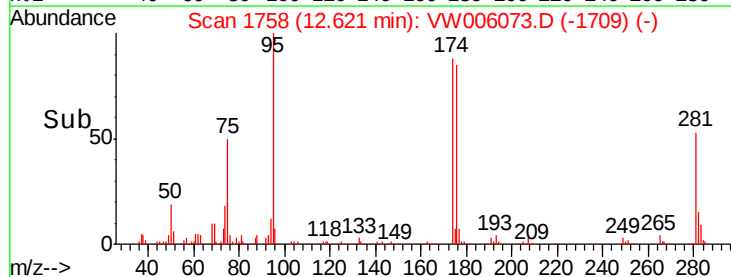
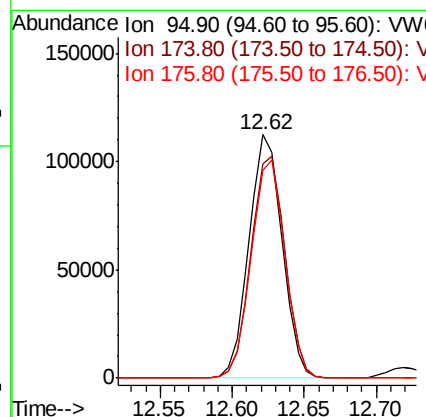
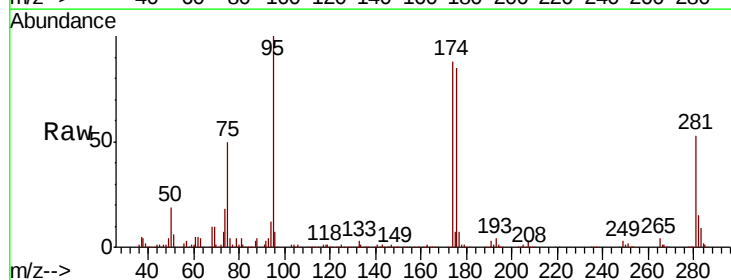
Manual Integrations
 APPROVED

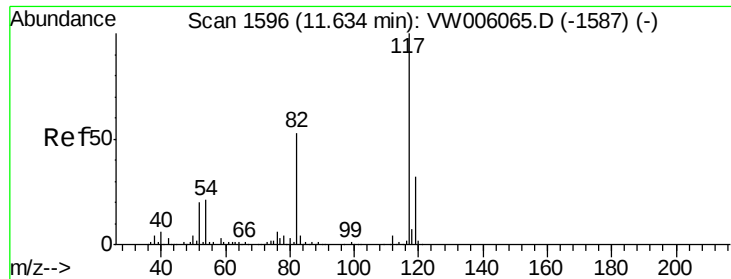
apatel
 10/17/2018 10:04:45 AM



#62
 4-Bromofluorobenzene
 Concen: 49.025 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Tgt Ion: 95 Resp: 178935
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 186.0
 176 91.0 0.0 181.6





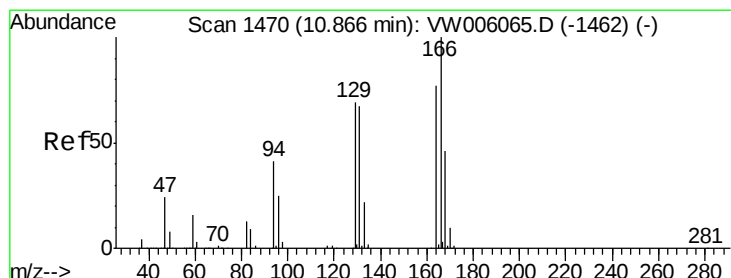
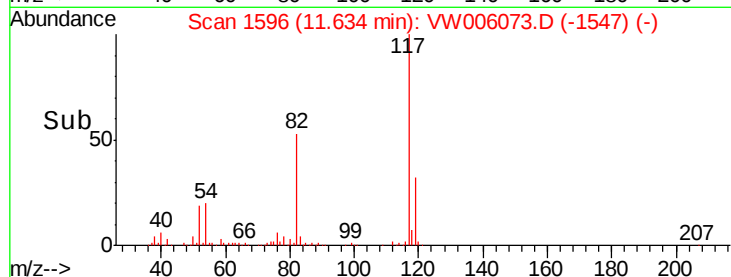
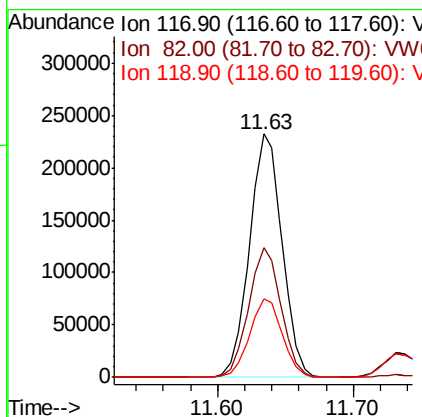
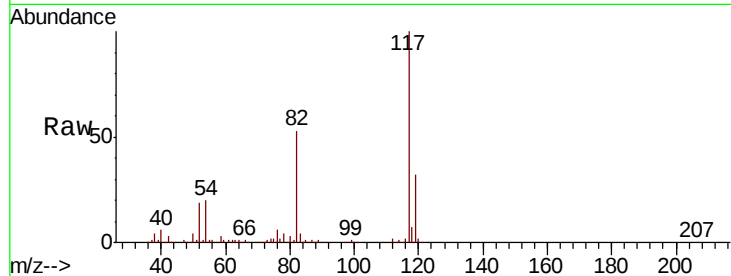
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	390644		
82	53.3	42.1	63.1	
119	32.4	25.8	38.6	

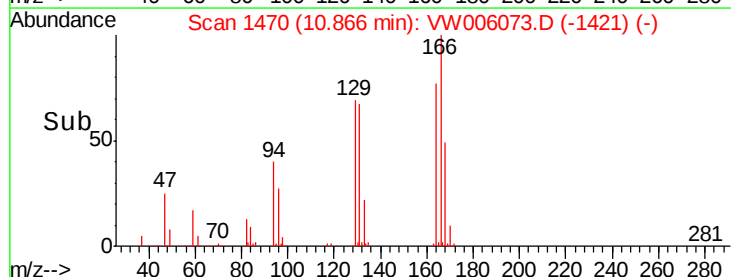
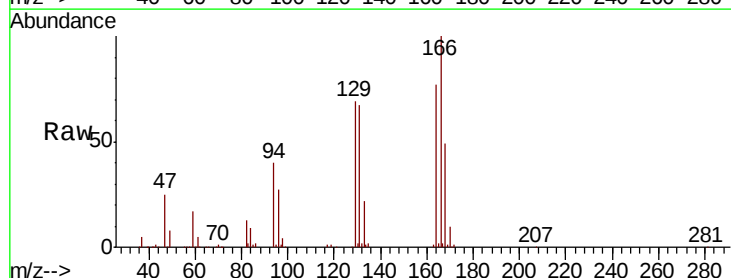
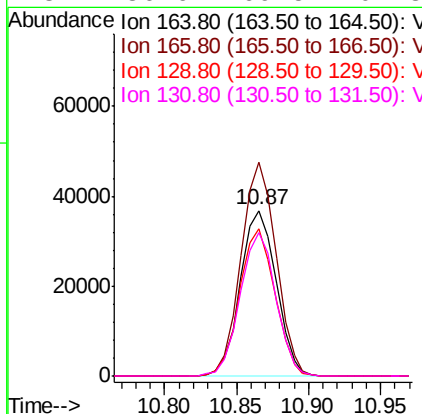
Manual Integrations
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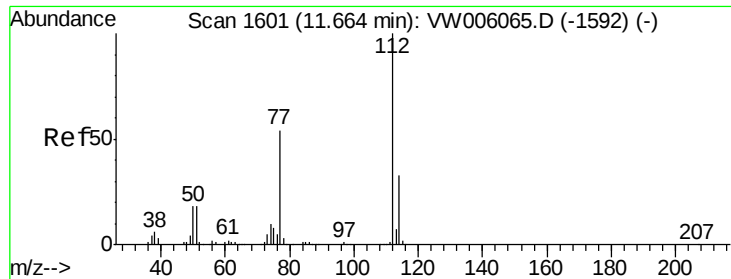
apatel
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#64
Tetrachloroethene
Concen: 20.978 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	63619		
166	129.3	103.4	155.0	
129	89.5	71.8	107.8	
131	86.6	69.5	104.3	





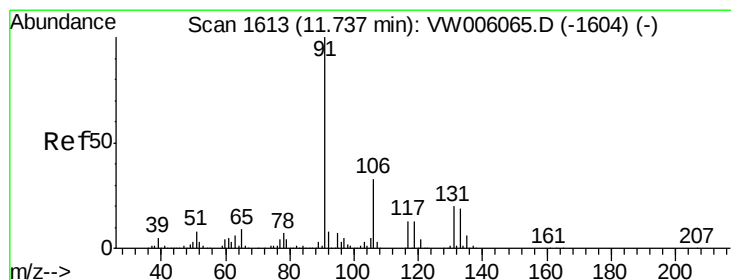
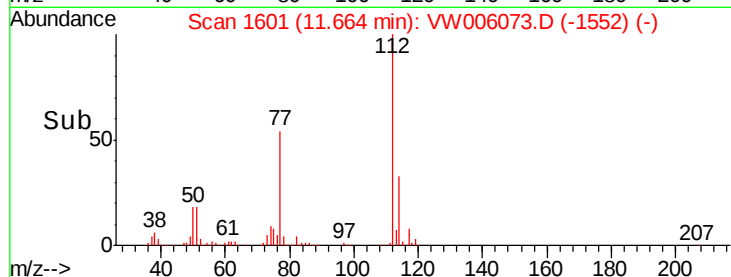
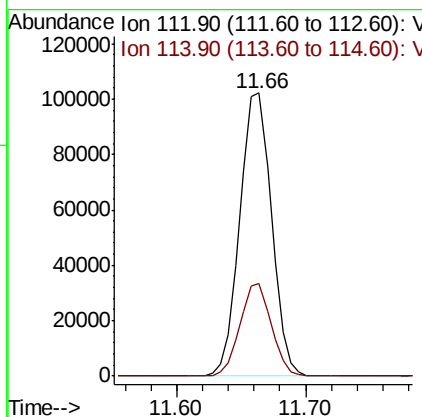
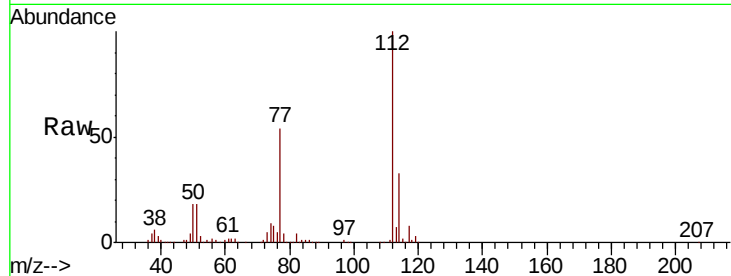
#65
Chlorobenzene
Concen: 20.819 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion:112 Resp: 174100
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2

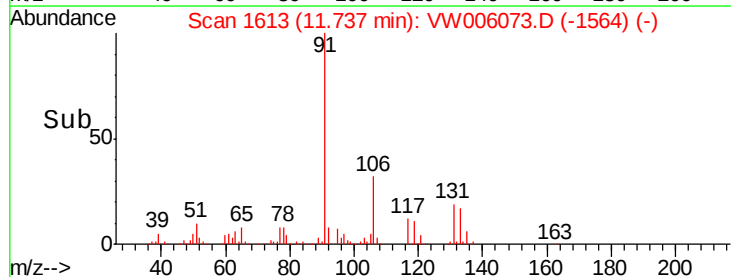
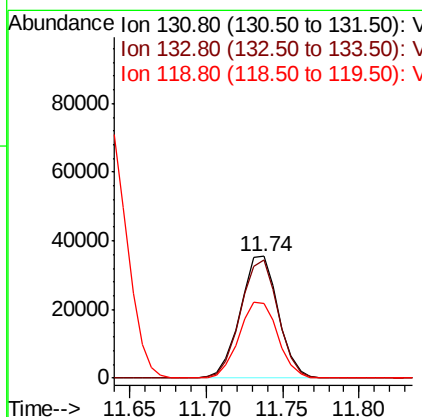
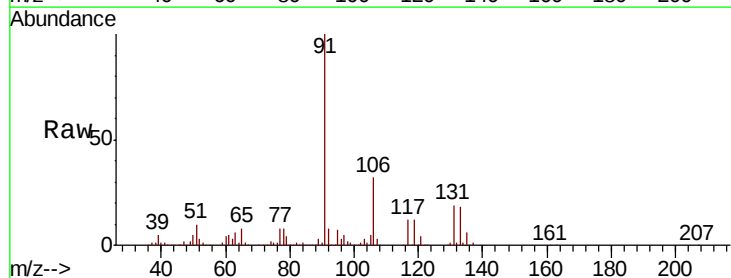
Manual Integrations
APPROVED

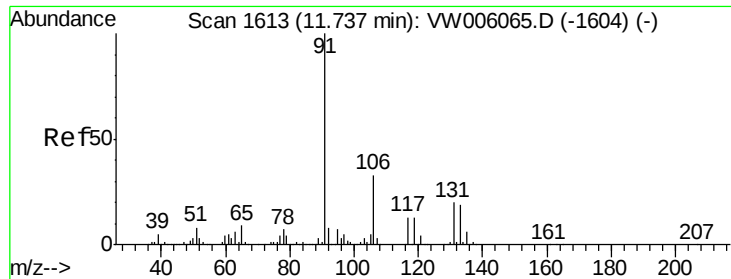
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.620 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion:131 Resp: 61279
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.3
119 63.6 31.6 94.7





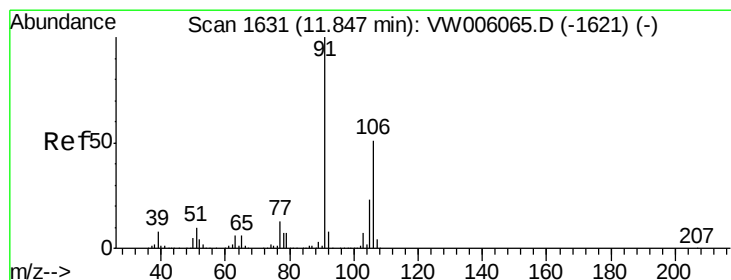
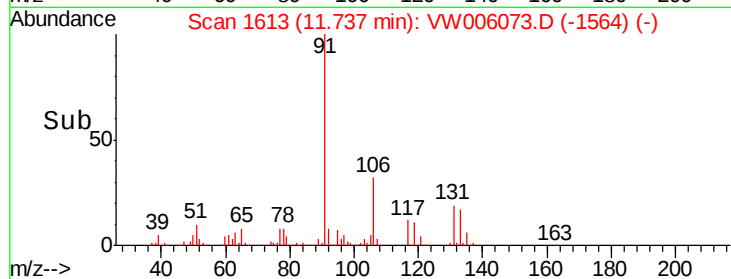
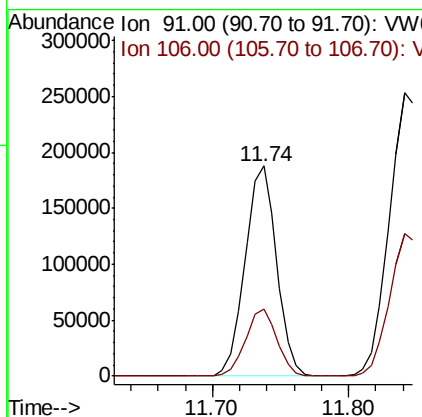
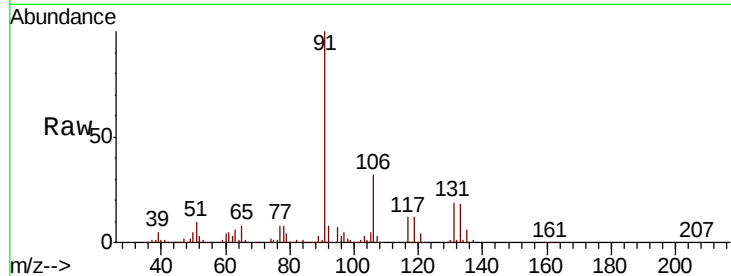
#67
Ethyl Benzene
Concen: 20.987 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion: 91 Resp: 304157
Ion Ratio Lower Upper
91 100
106 32.1 26.1 39.1

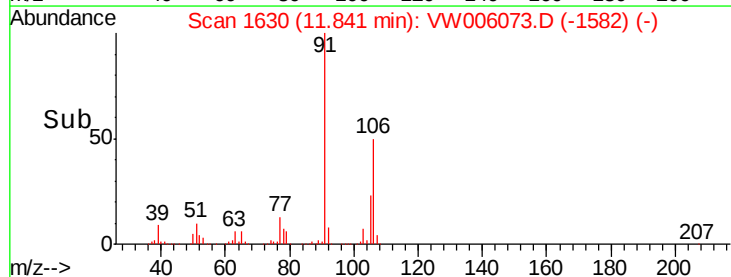
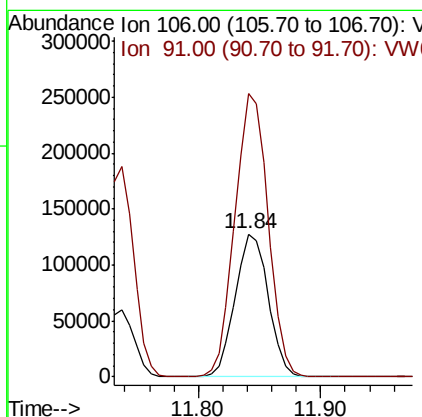
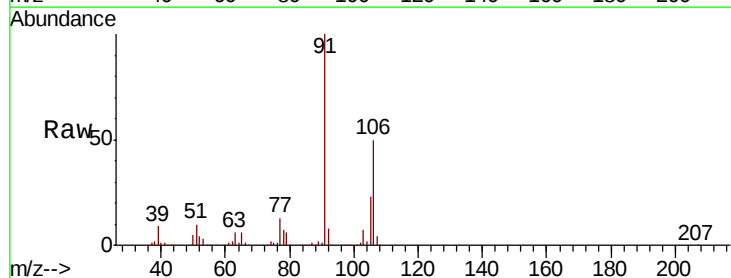
Manual Integrations
APPROVED

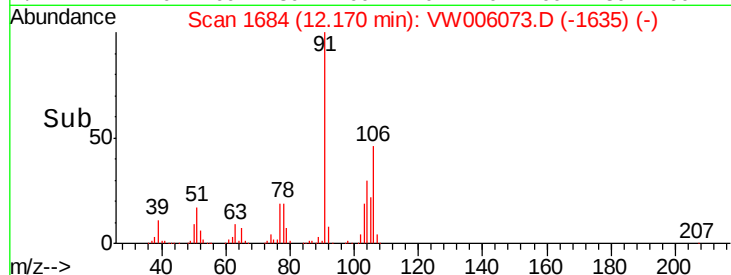
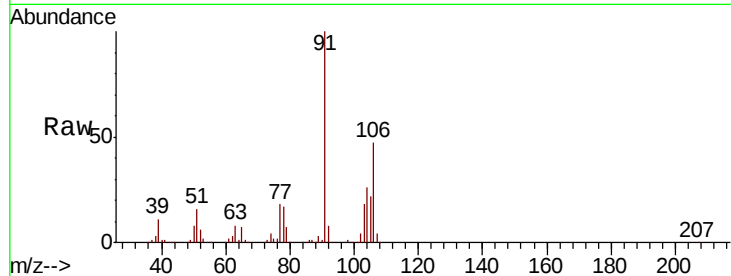
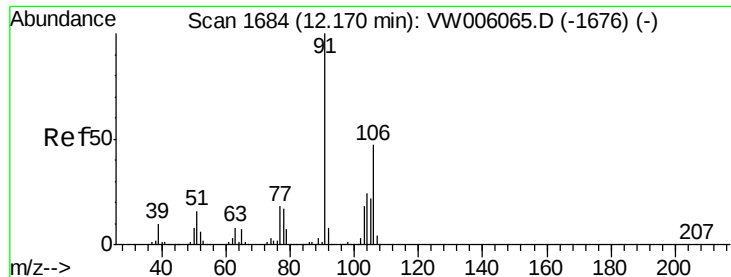
apatel
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#68
m/p-Xylenes
Concen: 41.878 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion: 106 Resp: 239889
Ion Ratio Lower Upper
106 100
91 198.8 159.1 238.7





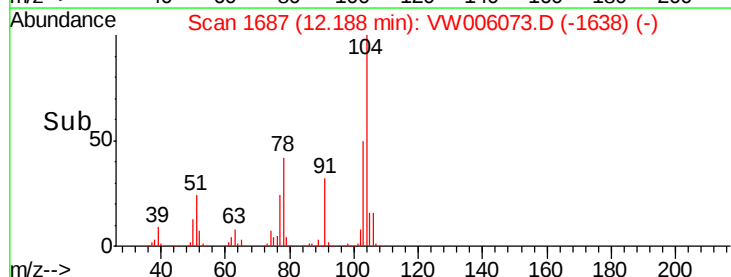
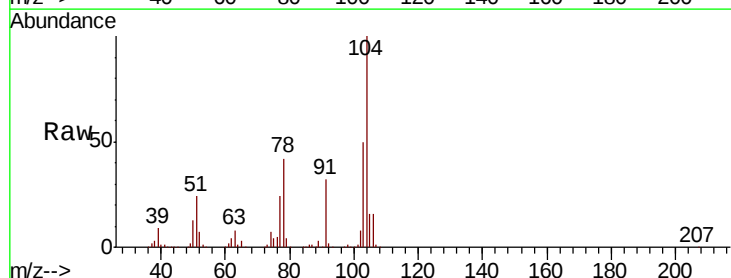
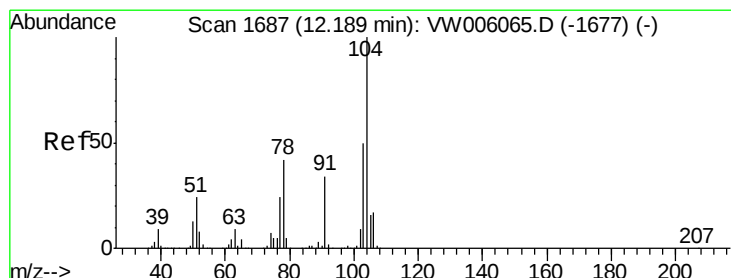
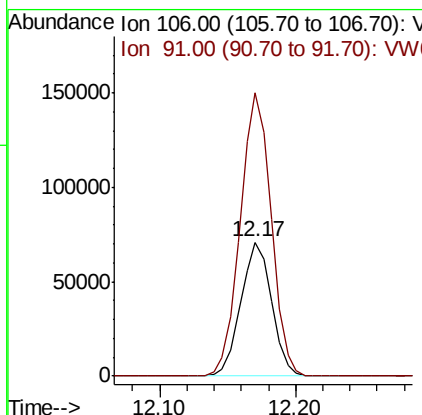
#69
o-Xylene
Concen: 20.529 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tot Ion:106 Resp: 112070
Ion Ratio Lower Upper
106 100
91 212.7 105.4 316.1

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

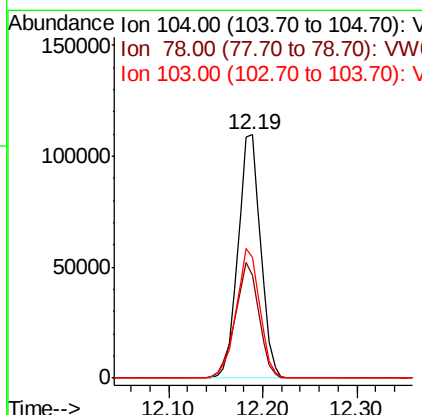
Manual Integrations
APPROVED

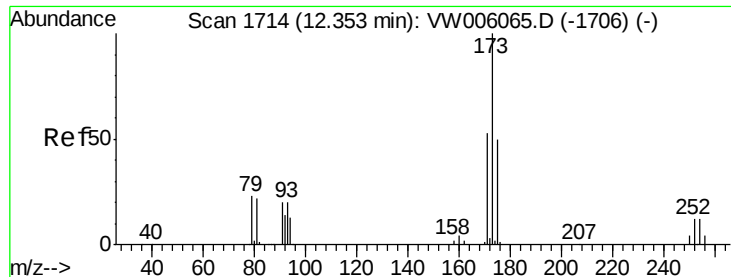
apatel
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#70
Styrene
Concen: 20.497 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion:104 Resp: 181963
Ion Ratio Lower Upper
104 100
78 49.6 39.1 58.7
103 55.4 44.3 66.5





#71

Bromoform

Concen: 19.069 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

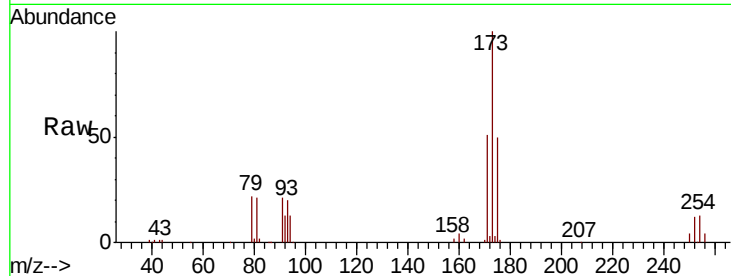
ClientSampleId :

VW1016SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.2	72.6
254	0.0	0.1	0.1#

Manual Integrations
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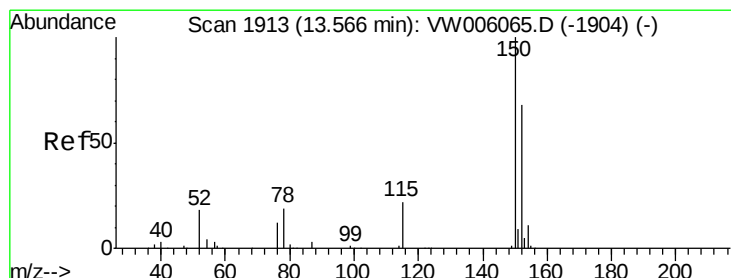
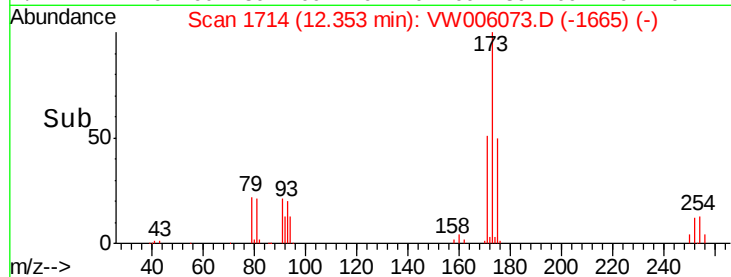
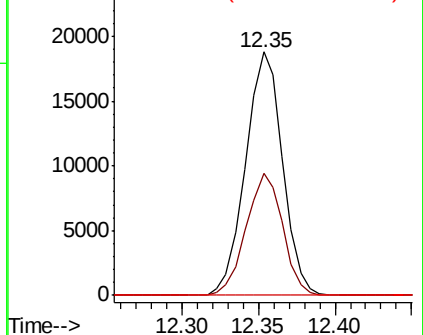


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

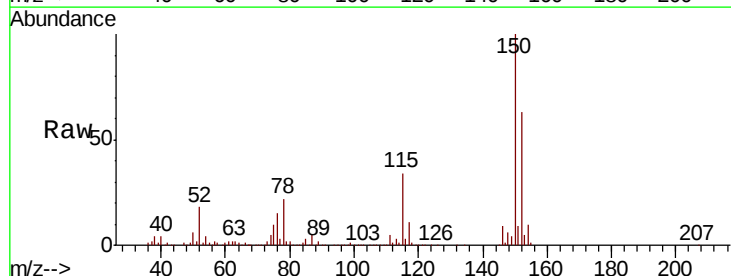
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.8	83.3
150	163.6	0.0	349.2

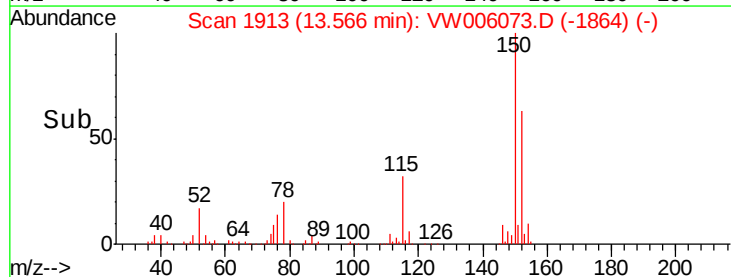
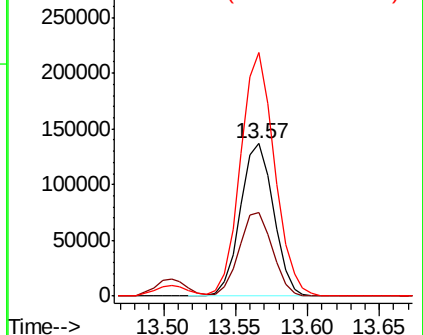


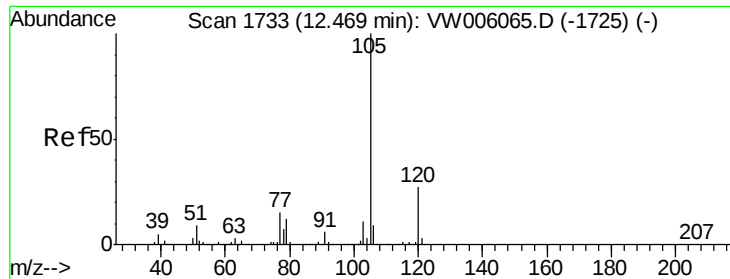
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





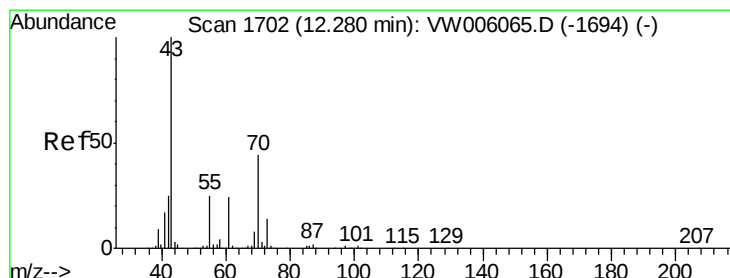
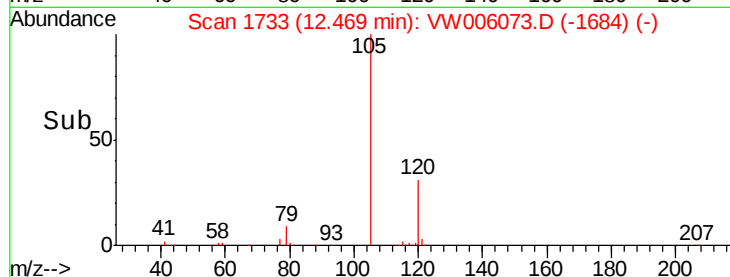
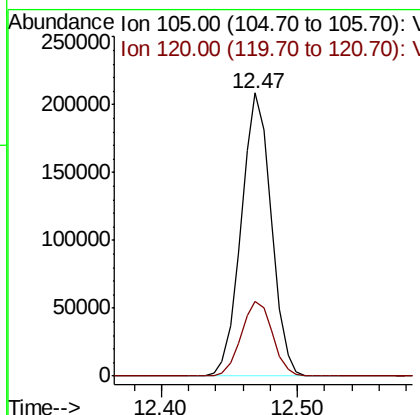
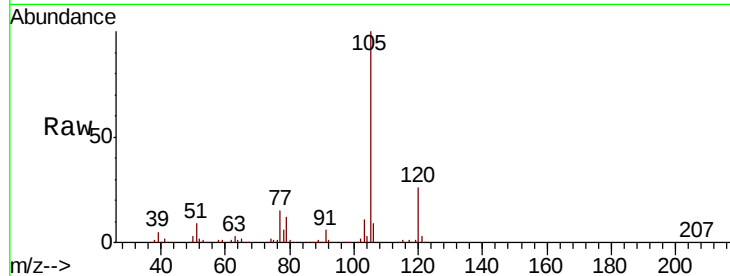
#73
Isopropylbenzene
Concen: 20.836 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.6	40.7

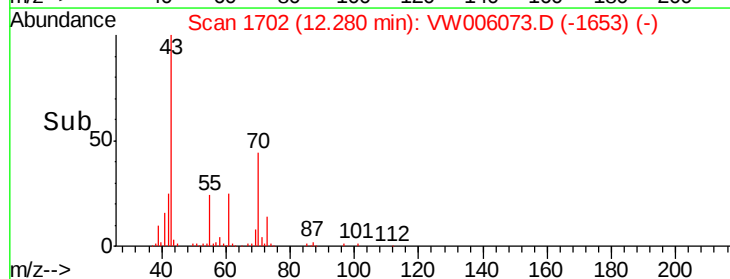
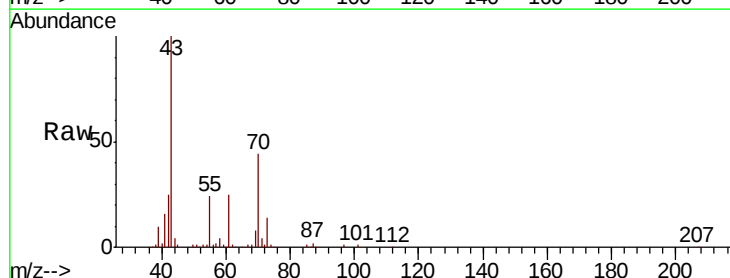
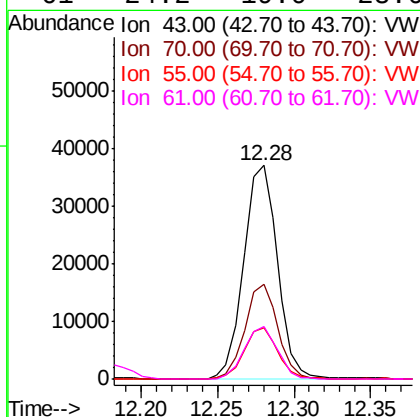
Manual Integrations
APPROVED

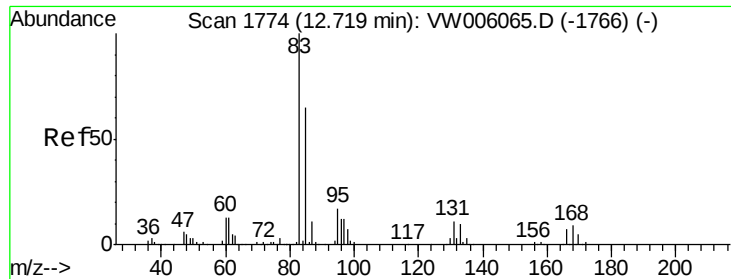
apatel
10/17/2018 10:04:45 AM



#74
N-ethyl acetate
Concen: 19.008 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.1	34.2	51.4
55	24.2	19.2	28.8
61	24.2	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.506 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

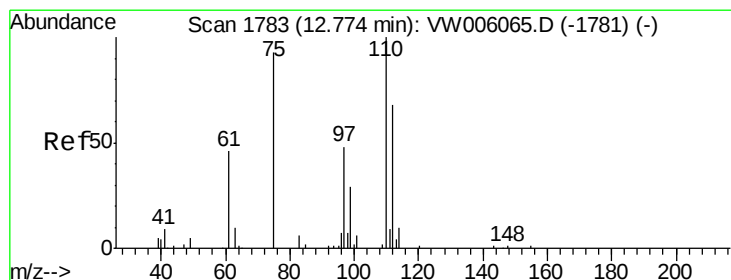
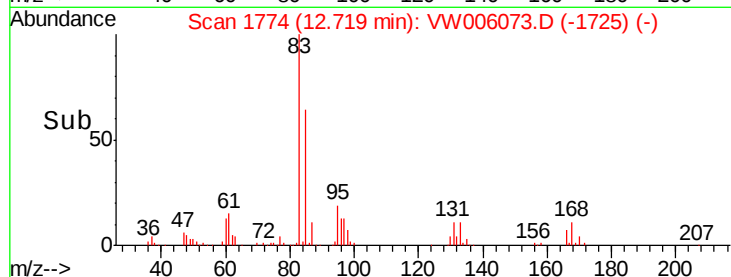
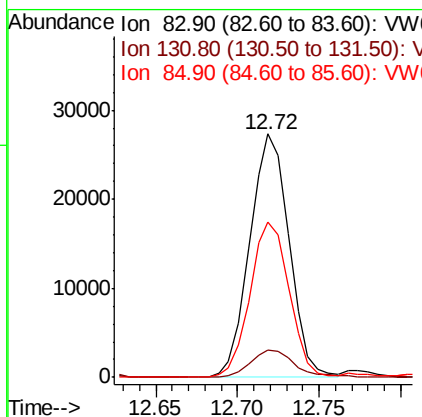
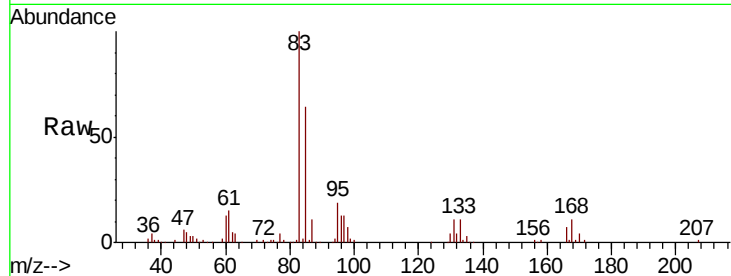
ClientSampleId :

VW1016SBS01

Tot Ion:	83	Resp:	45853
Ion	Ratio	Lower	Upper
83	100		
131	12.5	5.9	17.7
85	63.7	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 18.005 ug/l m

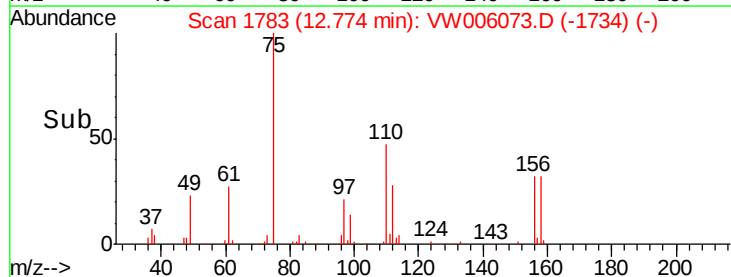
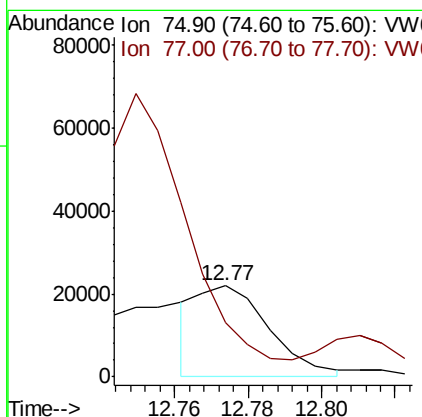
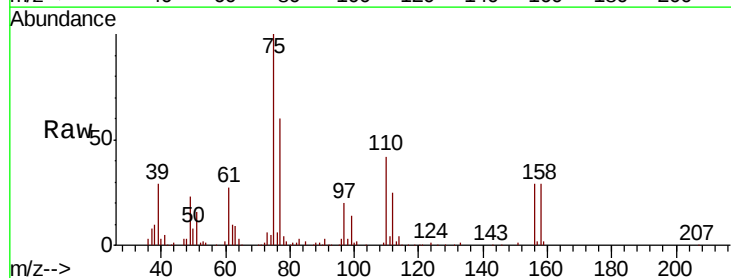
RT: 12.77 min Scan# 1783

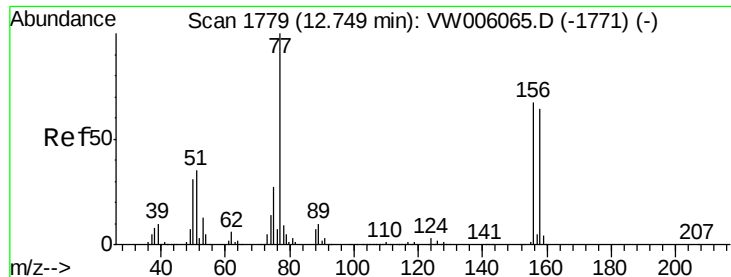
Delta R.T. -0.00 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Tgt Ion:	75	Resp:	30086
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.343 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

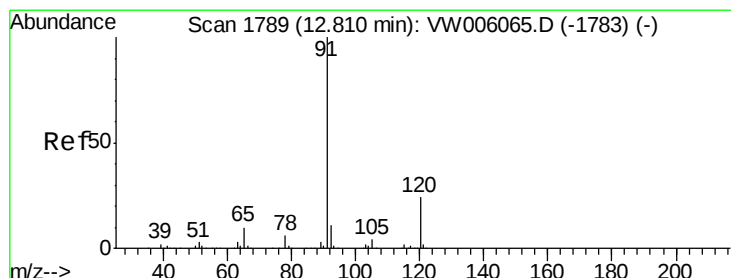
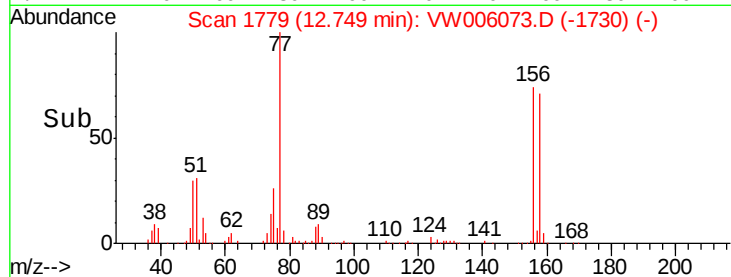
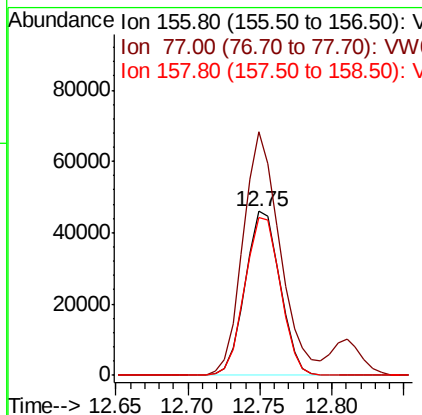
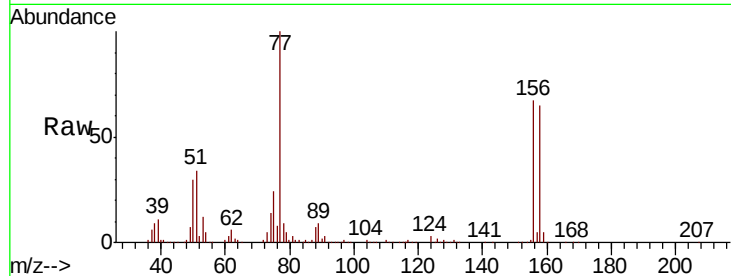
ClientSampleId :

VW1016SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	158.4	79.1	237.4	
158	97.9	48.5	145.6	

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#78

n-propylbenzene

Concen: 21.034 ug/l

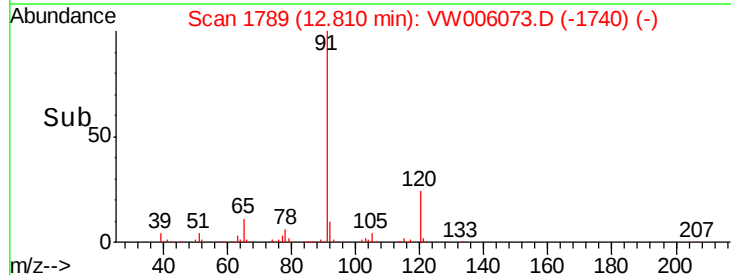
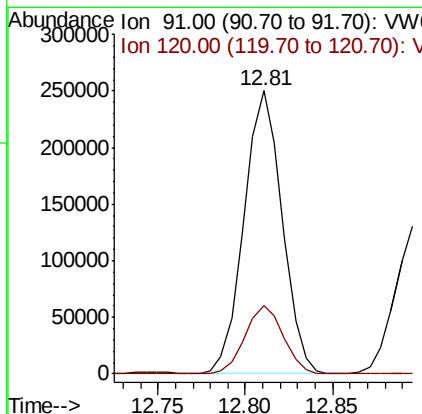
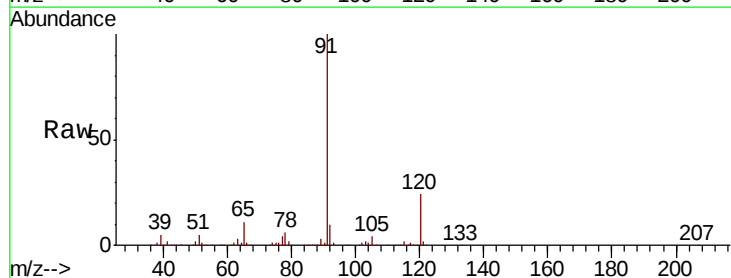
RT: 12.81 min Scan# 1789

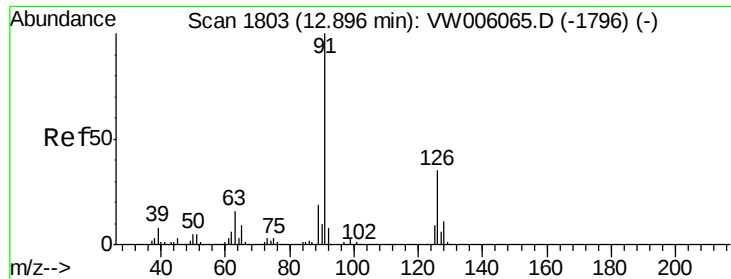
Delta R.T. -0.00 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.2	12.2	36.6	





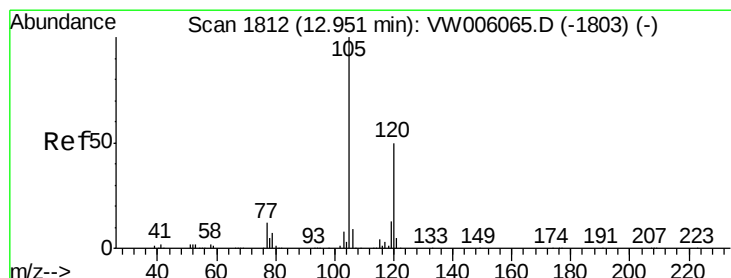
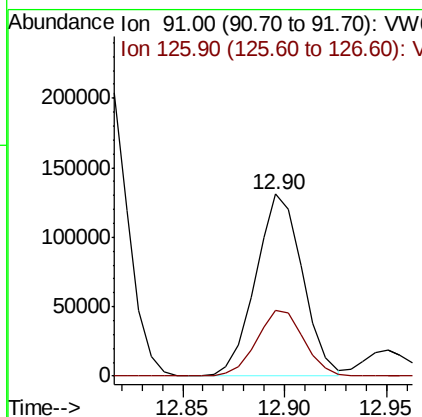
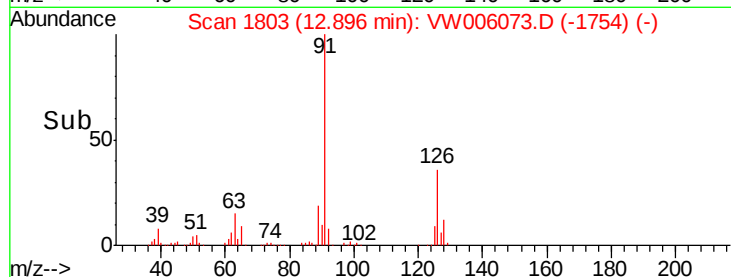
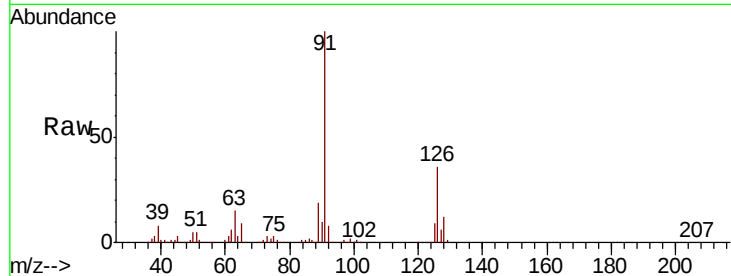
#79
 2-Chlorotoluene
 Concen: 20.719 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion: 91 Resp: 209326
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.9 53.8

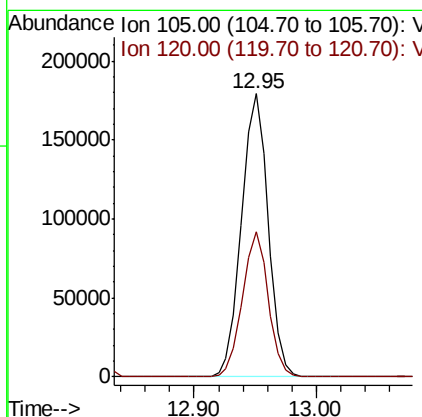
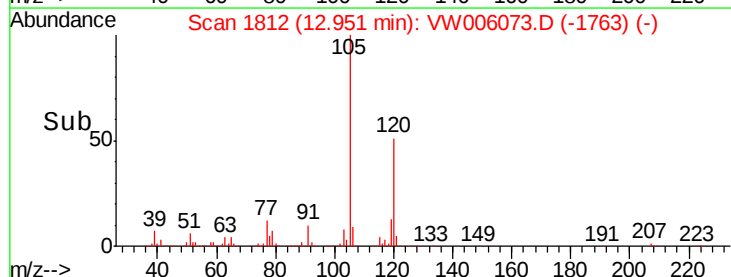
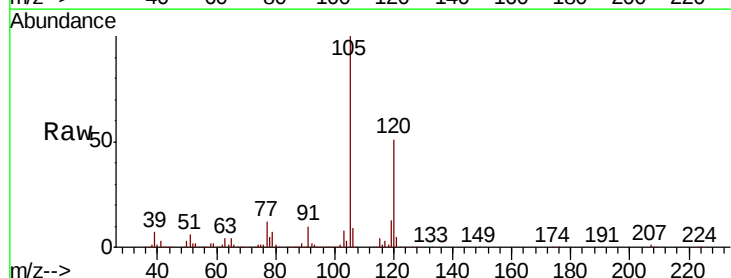
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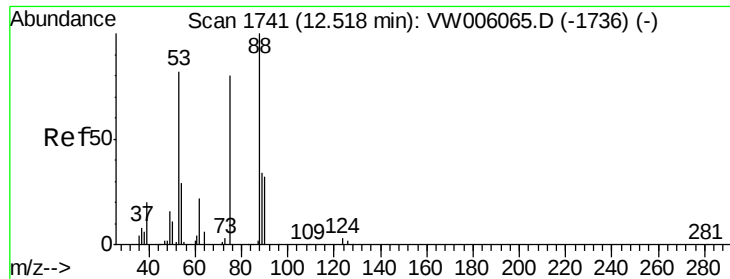
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.785 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Tgt Ion: 105 Resp: 270819
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6





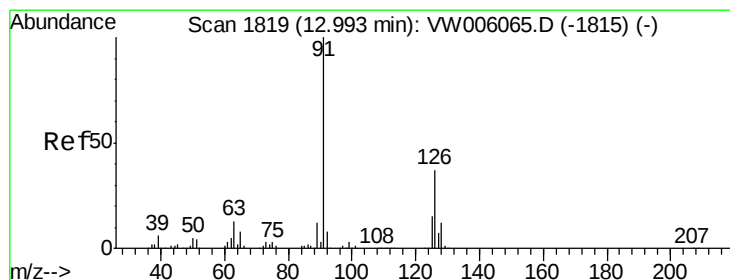
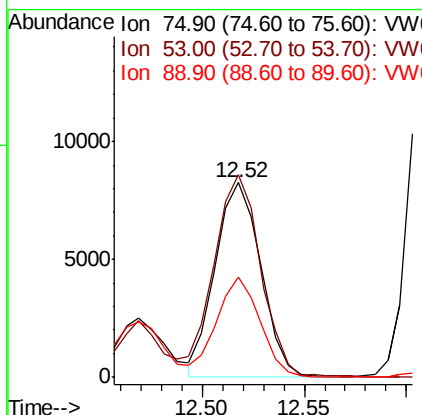
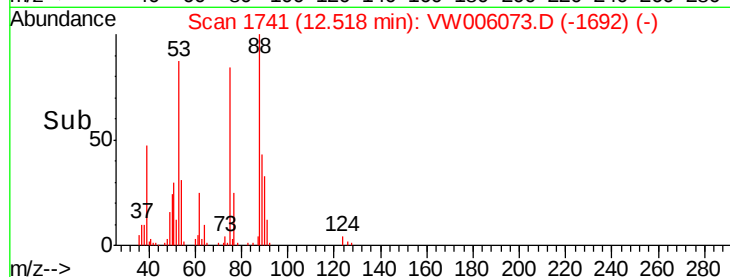
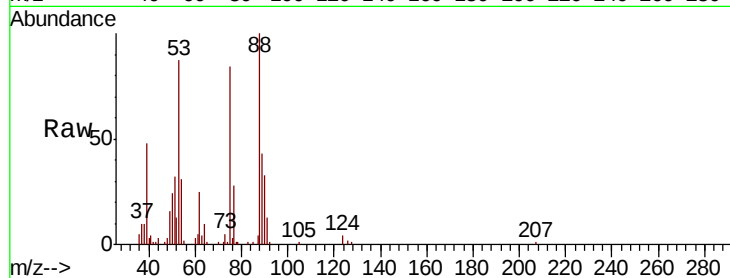
#81
trans-1,4-Dichloro-2-butene
Concen: 18.383 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.6	79.8	119.6
89	48.8	37.5	56.3

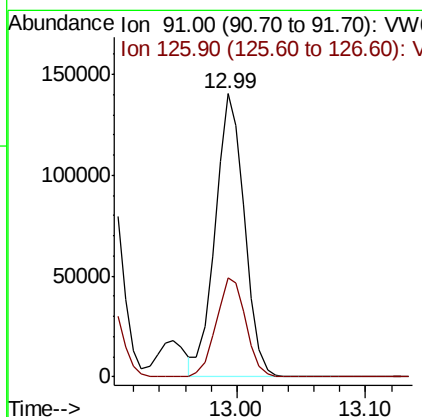
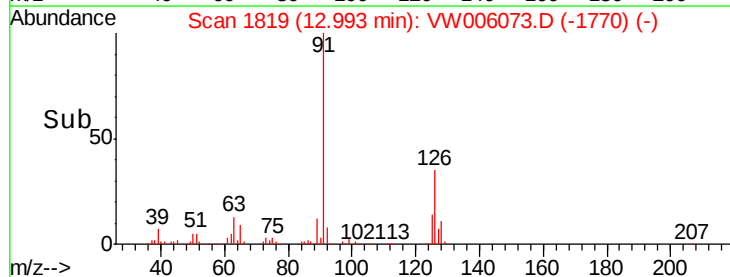
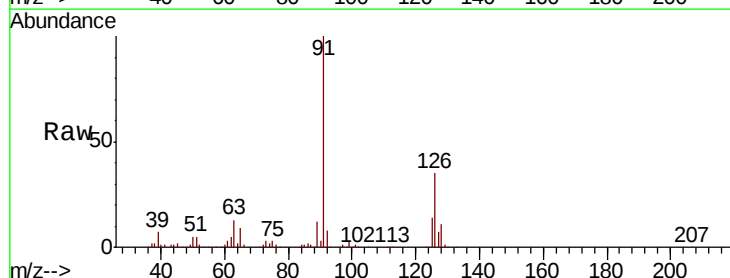
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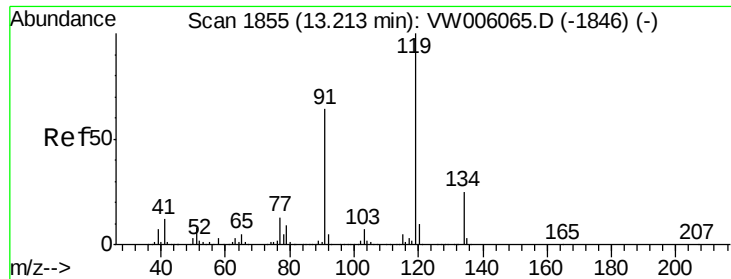
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#82
4-Chlorotoluene
Concen: 21.045 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	18.1	54.3





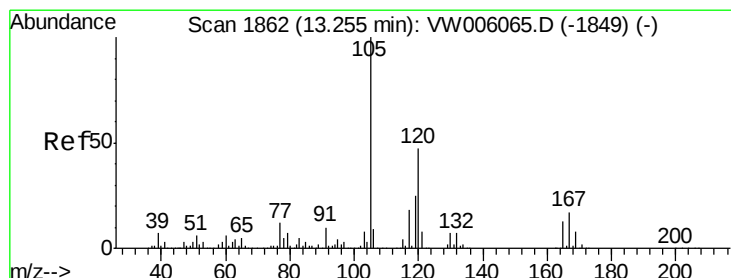
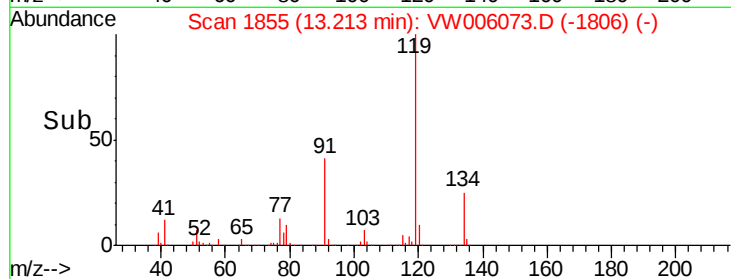
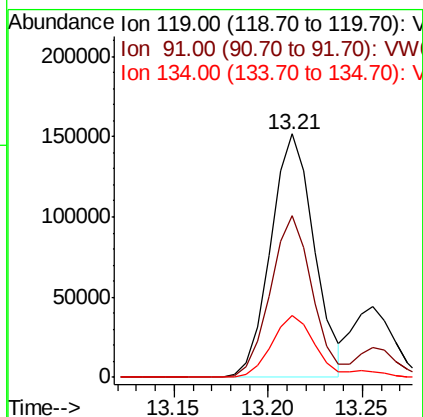
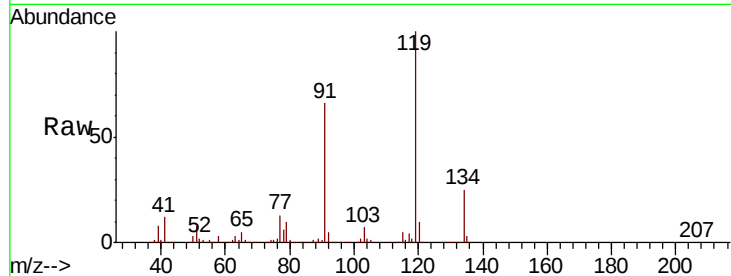
#83
tert-Butylbenzene
Concen: 20.827 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	242791		
91	63.5	32.3	96.9	
134	25.0	13.6	40.8	

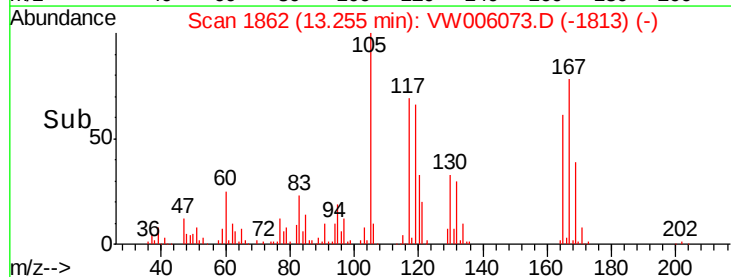
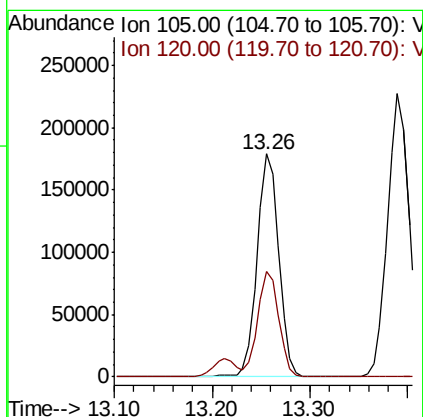
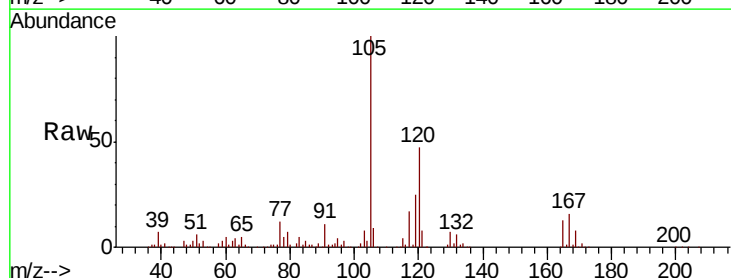
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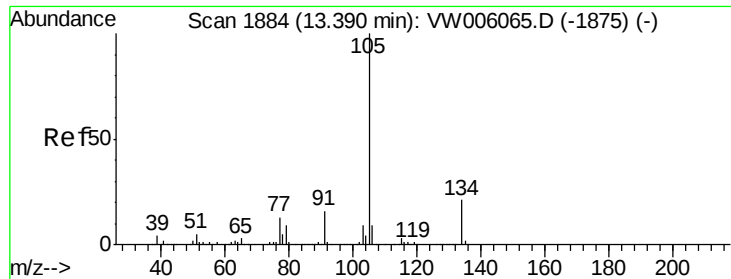
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#84
1,2,4-Trimethylbenzene
Concen: 21.079 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	277928		
120	46.1	23.1	69.3	





#85

sec-Butylbenzene

Concen: 21.074 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBS01

Tot Ion:105 Resp: 347078

Ion Ratio Lower Upper

105 100

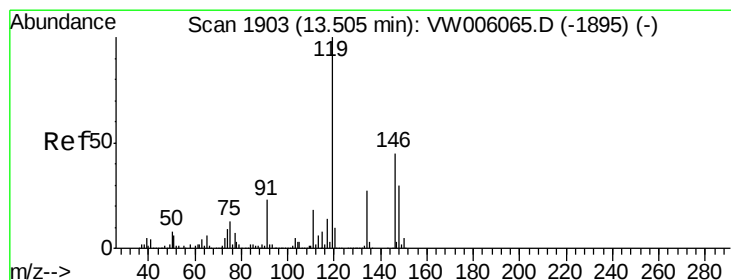
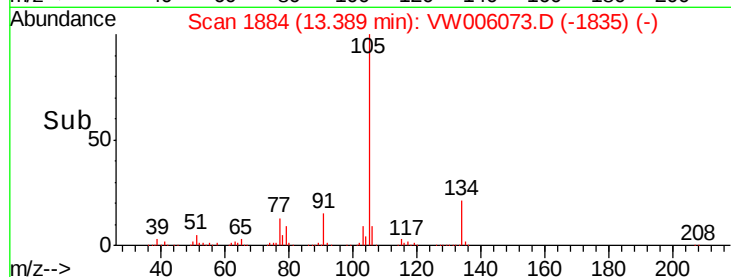
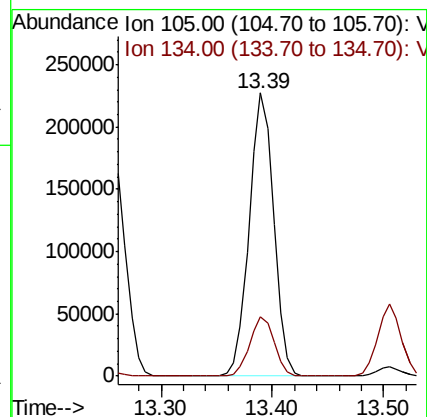
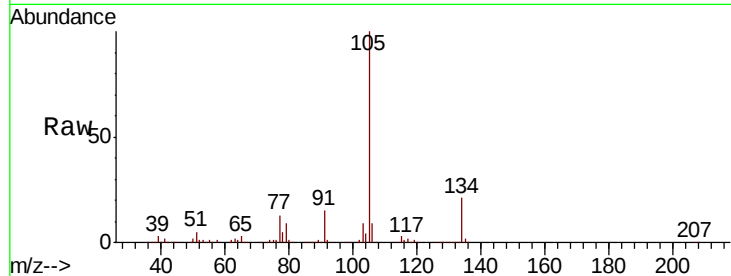
134 21.0 10.5 31.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.045 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006073.D

Acq: 16 Oct 2018 12:52

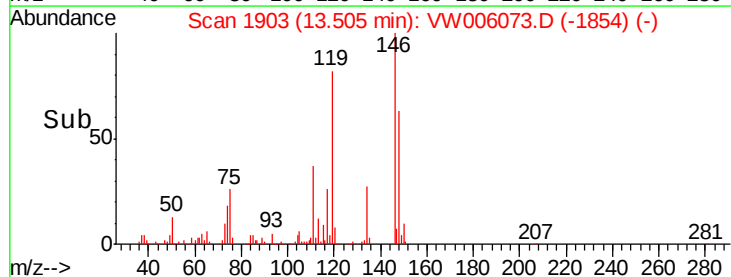
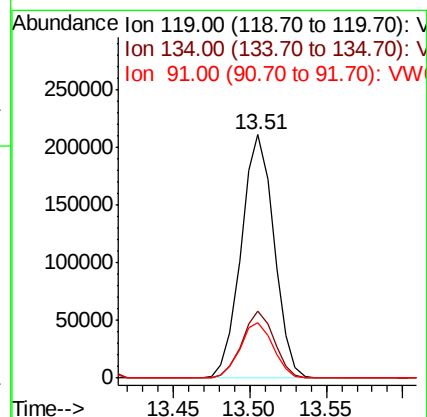
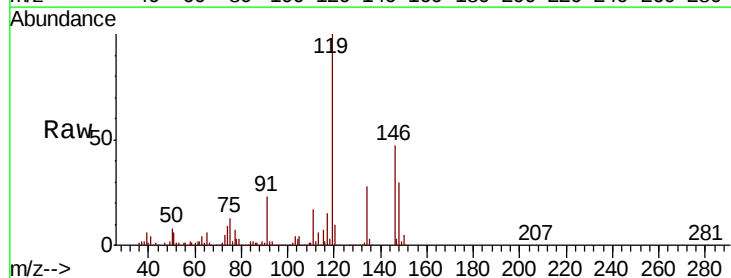
Tgt Ion:119 Resp: 313497

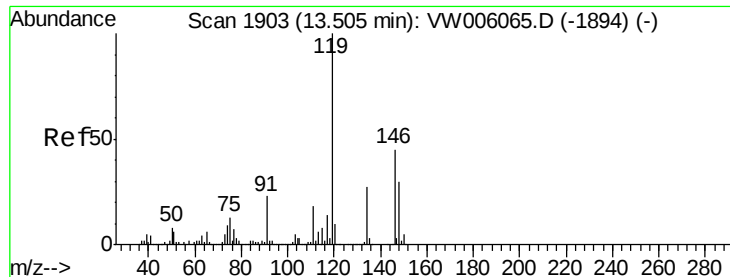
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 23.1 11.4 34.1





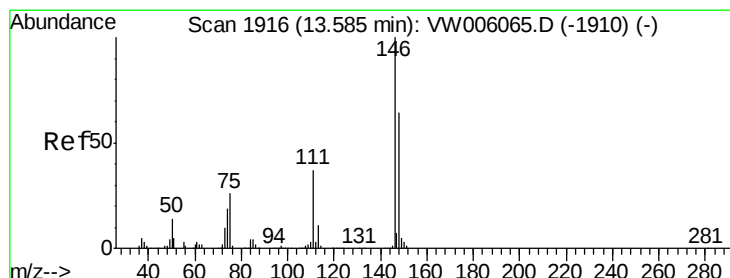
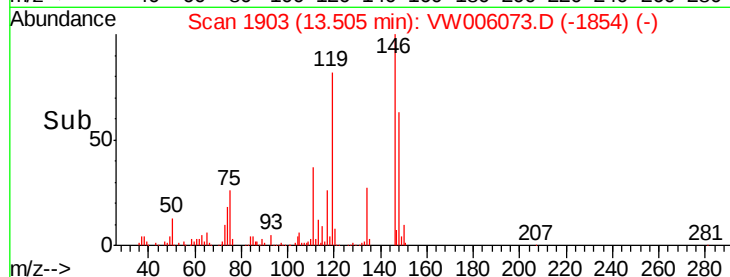
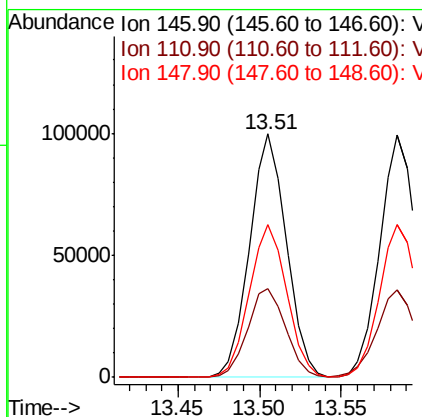
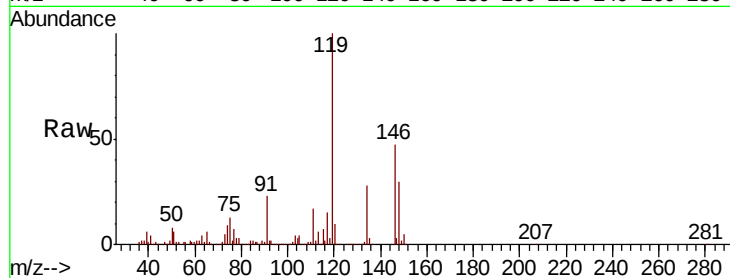
#87
 1,3-Dichlorobenzene
 Concen: 20.764 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.5
148	63.7	32.0	96.2

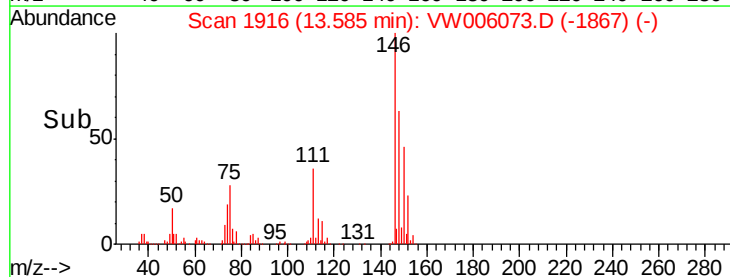
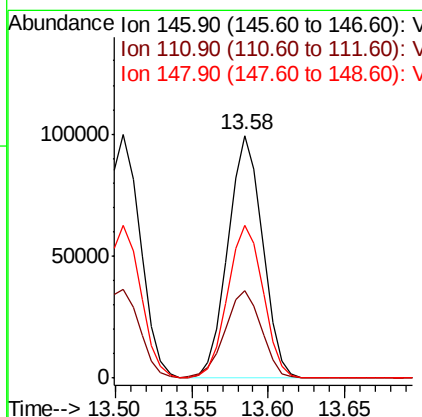
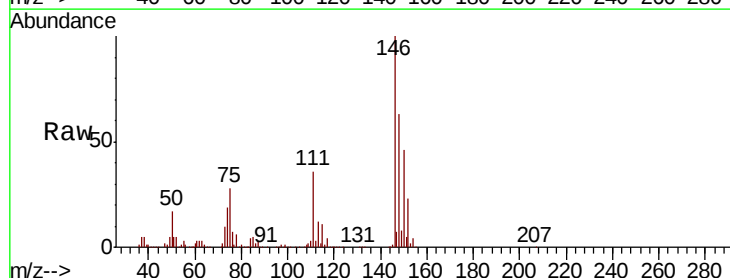
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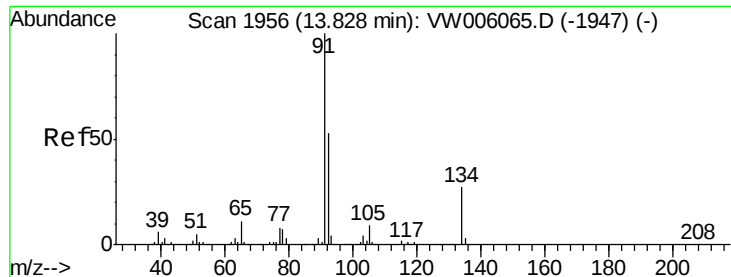
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#88
 1,4-Dichlorobenzene
 Concen: 20.792 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	64.6	32.1	96.5





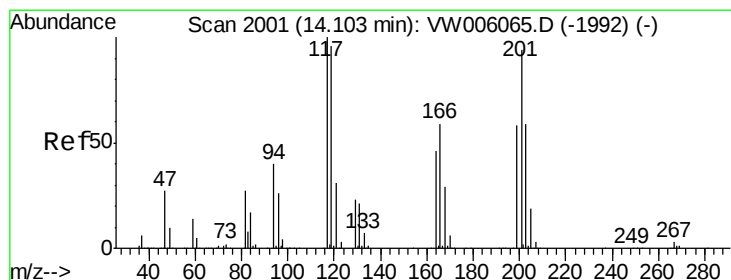
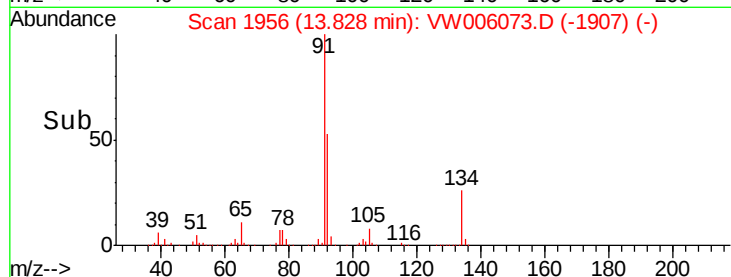
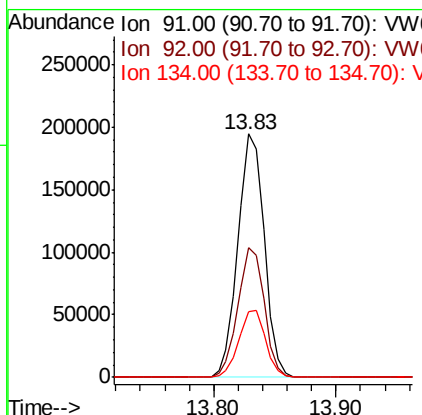
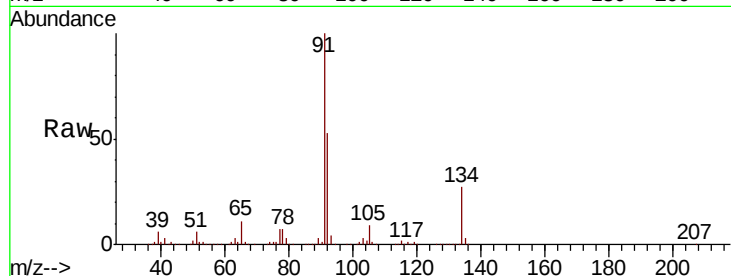
#89
n-Butylbenzene
Concen: 21.285 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	289970		
92	53.1		26.6	79.7
134	27.8		14.0	41.9

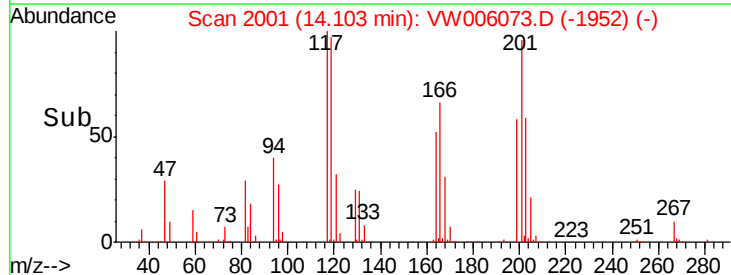
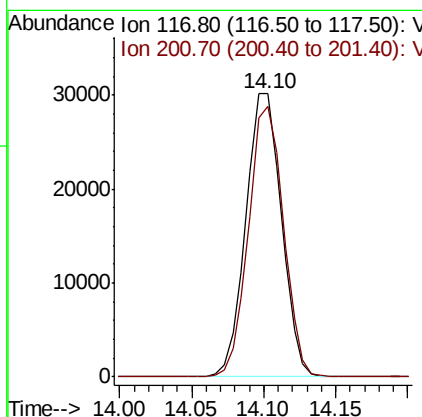
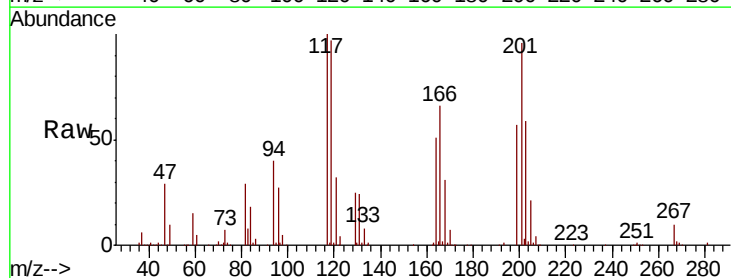
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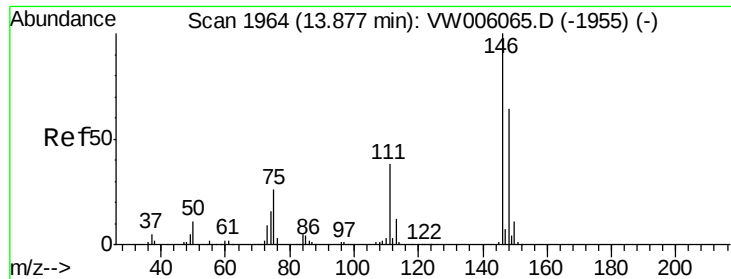
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#90
Hexachloroethane
Concen: 20.499 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	51723		
201	93.4		45.3	135.9





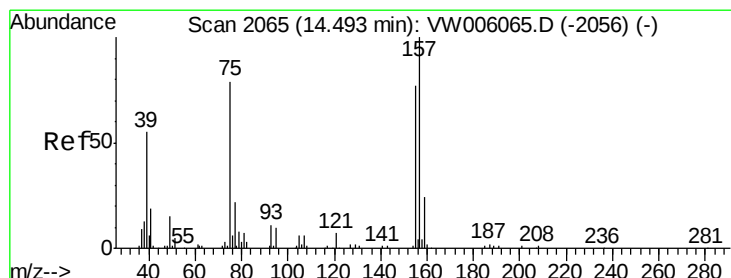
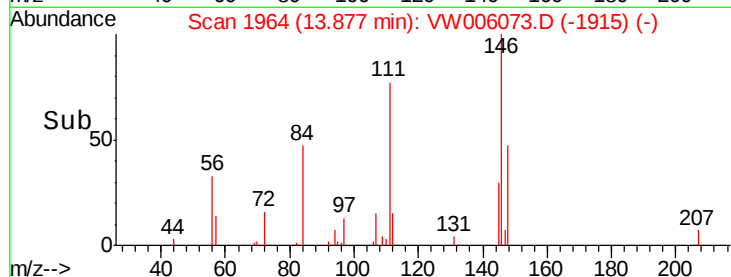
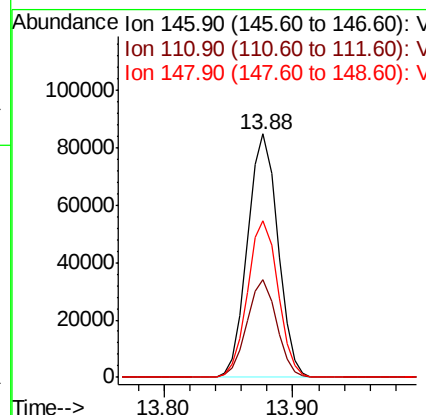
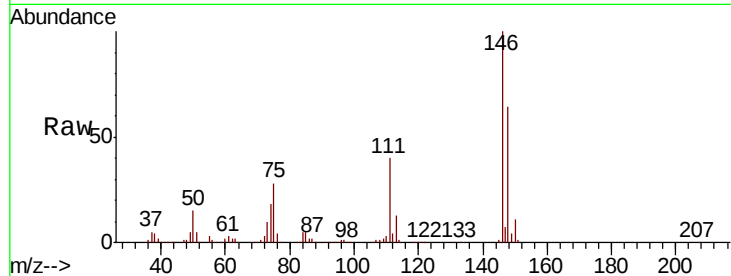
#91
 1,2-Dichlorobenzene
 Concen: 20.509 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	64.5	32.2	96.6

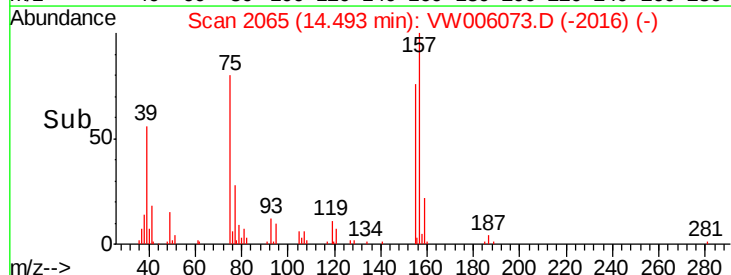
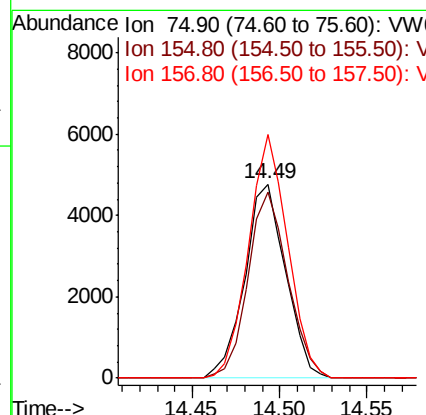
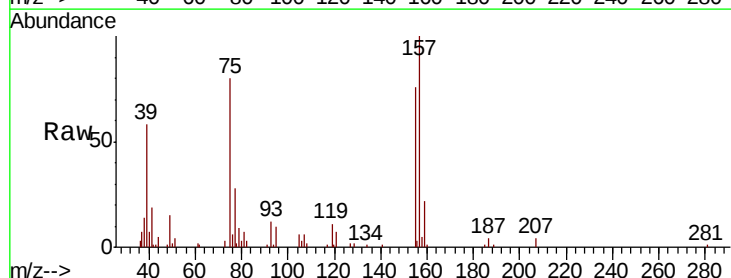
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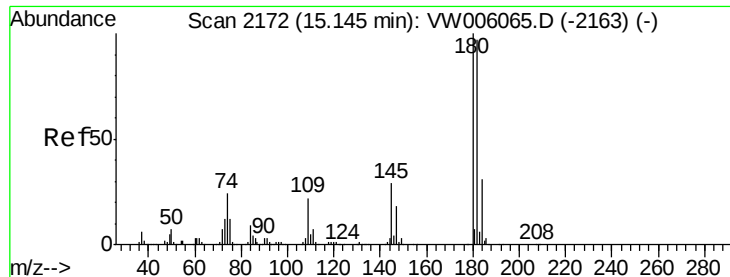
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.338 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	46.5	139.5
157	120.6	59.8	179.4





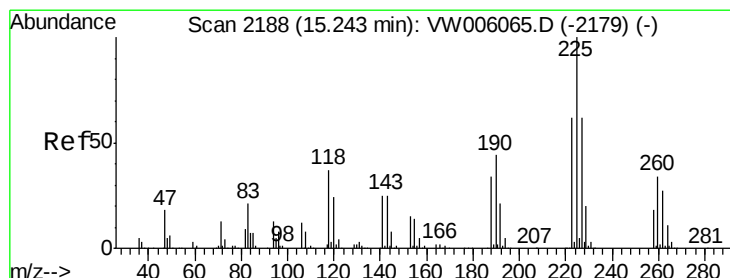
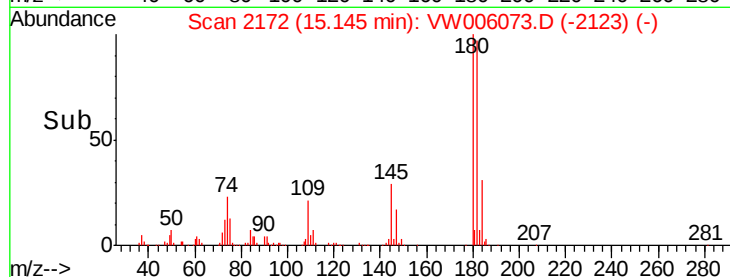
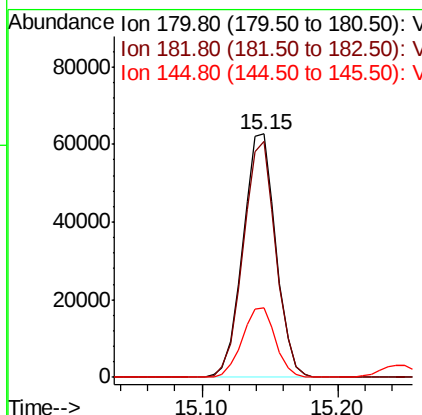
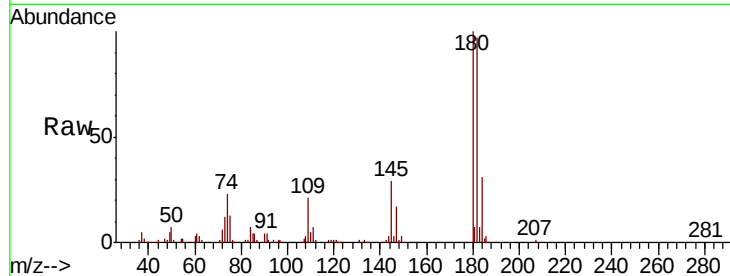
#93
 1,2,4-Trichlorobenzene
 Concen: 20.505 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	106031		
182	95.8	47.9	143.6	
145	28.9	14.2	42.8	

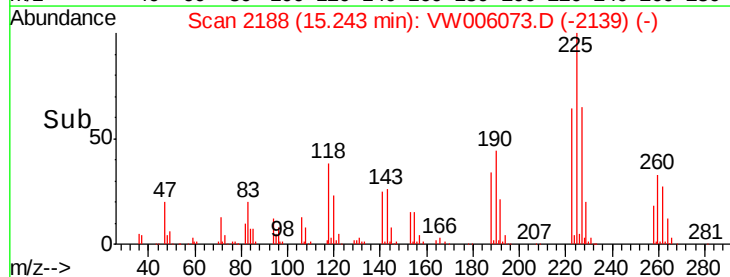
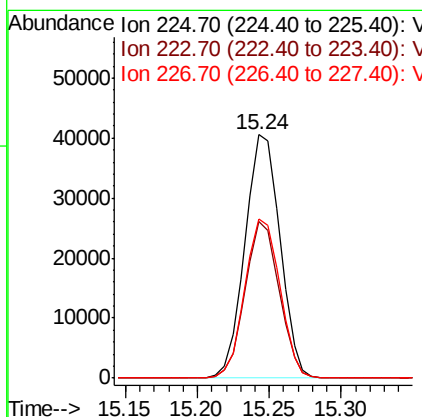
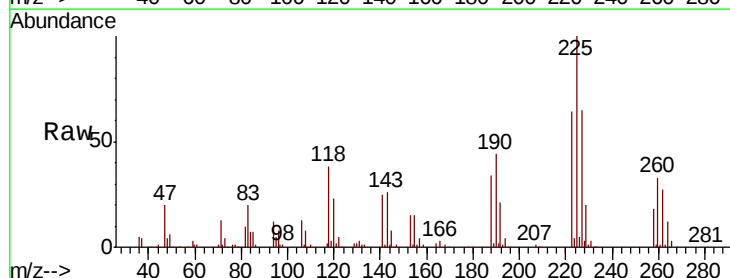
Manual Integrations
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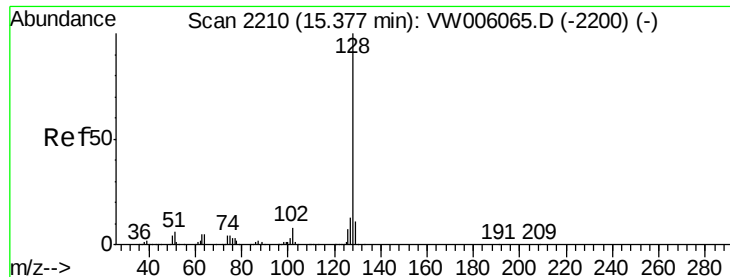
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#94
 Hexachlorobutadiene
 Concen: 21.046 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006073.D
 Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68365		
223	62.6	31.1	93.5	
227	65.4	32.4	97.0	





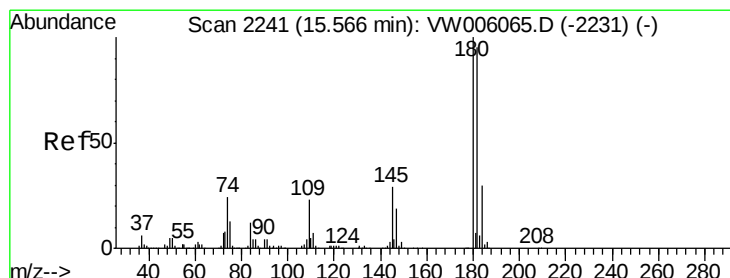
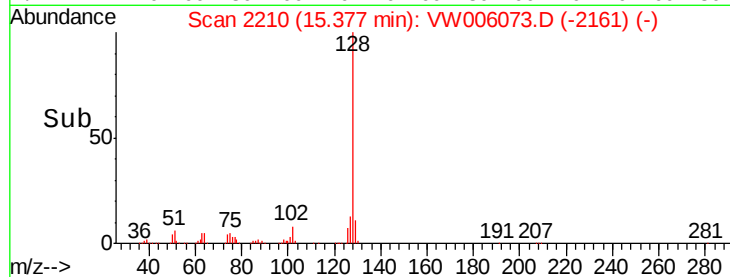
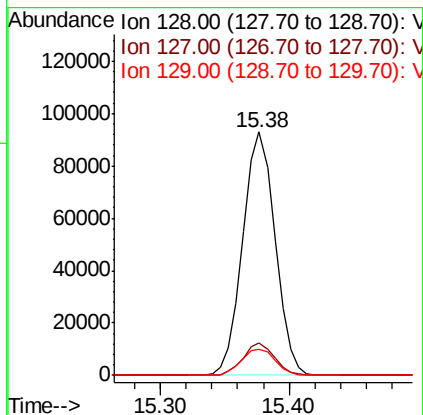
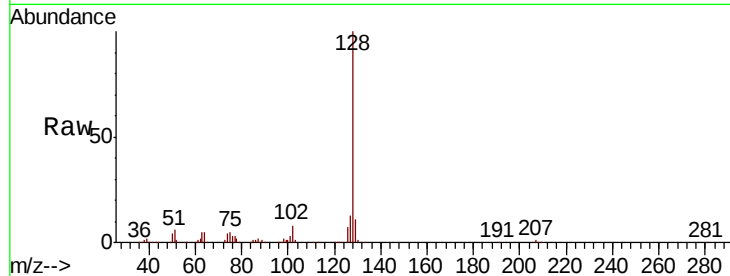
#95
Naphthalene
Concen: 18.802 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.897 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006073.D
Acq: 16 Oct 2018 12:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.3
145	30.4	15.0	45.1

