

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006351.D
 Acq On : 25 Oct 2018 07:30
 Operator : SY/AP
 Sample : J5626-03MSD
 Misc : 4.42G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMSD

Manual Integrations
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apatel
 10/25/2018 12:47:54 PM

Quant Time: Oct 25 08:04:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	160513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	251168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	159537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	43762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	93309	70.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.24%	
35) Dibromofluoromethane	7.88	113	91729	61.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.62%	
50) Toluene-d8	10.32	98	248398	43.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.98%	
62) 4-Bromofluorobenzene	12.62	95	61279	28.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	51862	65.292	ug/l	99
3) Chloromethane	2.21	50	75827	74.161	ug/l	100
4) Vinyl Chloride	2.37	62	106112	72.671	ug/l	100
5) Bromomethane	2.78	94	93580	70.462	ug/l	99
6) Chloroethane	2.93	64	75959	72.590	ug/l	97
7) Trichlorofluoromethane	3.26	101	80317	59.046	ug/l	97
8) Diethyl Ether	3.68	74	64738	89.551	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	72416	50.800	ug/l	97
10) Methyl Iodide	4.26	142	174343	73.480	ug/l	99
11) Tert butyl alcohol	5.23	59	30854	344.744	ug/l	99
12) 1,1-Dichloroethene	4.03	96	87670	65.370	ug/l	94
13) Acrolein	3.90	56	15699	181.279	ug/l	93
14) Allyl chloride	4.67	41	129380	67.469	ug/l	99
15) Acrylonitrile	5.38	53	110110	424.654	ug/l	99
16) Acetone	4.14	43	106018	435.651	ug/l	98
17) Carbon Disulfide	4.37	76	209310	51.712	ug/l	100
18) Methyl Acetate	4.68	43	80989	120.936	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	177090	86.695	ug/l	97
20) Methylene Chloride	4.91	84	117359	84.469	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	102774	68.655	ug/l	98
22) Diisopropyl ether	6.31	45	300238	79.229	ug/l	95
23) Vinyl Acetate	6.32	43	165729	74.106	ug/l #	72
24) 1,1-Dichloroethane	6.21	63	182996	74.838	ug/l	99
25) 2-Butanone	7.18	43	142816	397.265	ug/l	99
26) 2,2-Dichloropropane	7.17	77	91874	53.273	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	118942	72.001	ug/l	96
28) Bromochloromethane	7.51	49	73738	78.113	ug/l	91
29) Tetrahydrofuran	7.54	42	89891	406.792	ug/l	96
30) Chloroform	7.68	83	192363	72.206	ug/l	99
31) Cyclohexane	7.95	56	76233	31.306	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	143562	59.739	ug/l	99
36) 1,1-Dichloropropene	8.09	75	110335	47.659	ug/l	99
37) Ethyl Acetate	7.26	43	43980	51.131	ug/l	99
38) Carbon Tetrachloride	8.07	117	119491	47.083	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	60493	19.657	ug/l	100
40) Benzene	8.32	78	389535	61.340	ug/l	99
41) Methacrylonitrile	7.49	41	36807	70.984	ug/l	93
42) 1,2-Dichloroethane	8.40	62	133164	71.373	ug/l	100
43) Isopropyl Acetate	8.43	43	88394	50.262	ug/l	94
44) Trichloroethene	9.09	130	97896	50.247	ug/l	99
45) 1,2-Dichloropropane	9.37	63	94997	62.514	ug/l	98
46) Dibromomethane	9.46	93	57691	66.610	ug/l	98
47) Bromodichloromethane	9.65	83	122673	58.420	ug/l	99
48) Methyl methacrylate	9.44	41	72150	86.549	ug/l	99
49) 1,4-Dioxane	9.48	88	18200	1364.996	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	313320	355.577	ug/l	98
52) Toluene	10.39	92	201339	47.291	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	112182	53.622	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	135756	56.539	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	77715	64.120	ug/l	98
56) Ethyl methacrylate	10.65	69	82356	55.427	ug/l	96
57) 1,3-Dichloropropane	10.93	76	124929	62.266	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	171154	301.458	ug/l	98
59) 2-Hexanone	10.97	43	207708	330.217	ug/l	96
60) Dibromochloromethane	11.13	129	80370	53.236	ug/l	99
61) 1,2-Dibromoethane	11.24	107	72657	59.996	ug/l	100
64) Tetrachloroethene	10.87	164	66630	53.799	ug/l	98
65) Chlorobenzene	11.66	112	194990	57.094	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	81653	67.276	ug/l	98
67) Ethyl Benzene	11.73	91	289433	48.902	ug/l	97
68) m/p-Xylenes	11.84	106	216438	92.520	ug/l	99
69) o-Xylene	12.17	106	108084	48.479	ug/l	100
70) Styrene	12.18	104	180083	49.672	ug/l	99
71) Bromoform	12.35	173	43409	64.123	ug/l #	98
73) Isopropylbenzene	12.47	105	225201	72.842	ug/l	100
74) N-amyl acetate	12.28	43	3726	6.205	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	69440	147.674	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	57902m	173.227	ug/l	
77) Bromobenzene	12.75	156	71096	93.887	ug/l	94
78) n-propylbenzene	12.81	91	216932	60.311	ug/l	100
79) 2-Chlorotoluene	12.90	91	140534	69.539	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	156103	59.894	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	18354	131.257	ug/l	95
82) 4-Chlorotoluene	12.99	91	141906	67.032	ug/l	100
83) tert-Butylbenzene	13.21	119	130521	55.972	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	156593	59.375	ug/l	100
85) sec-Butylbenzene	13.39	105	146961	44.610	ug/l	98
86) p-Isopropyltoluene	13.51	119	126811	42.558	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	83291	55.268	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	84065	56.024	ug/l	100
89) n-Butylbenzene	13.83	91	92012	33.765	ug/l	99
90) Hexachloroethane	14.10	117	19506	38.647	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	78862	58.665	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9063	107.650	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	28984	28.021	ug/l	98
94) Hexachlorobutadiene	15.24	225	12791	19.686	ug/l	99
95) Naphthalene	15.38	128	85032	49.419	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	21571	24.111	ug/l	97

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

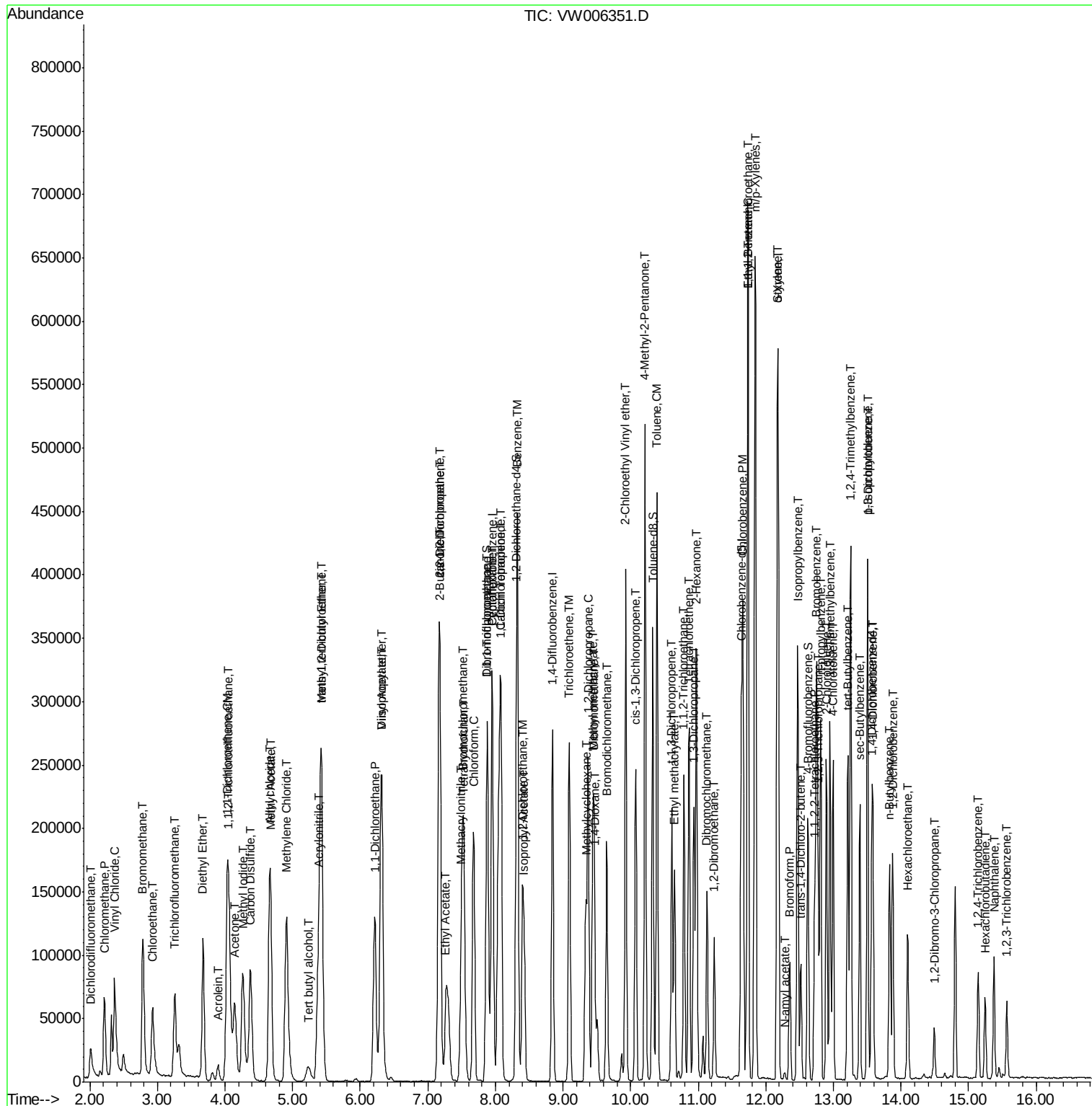
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102518\
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Sample    : J5626-03MSD
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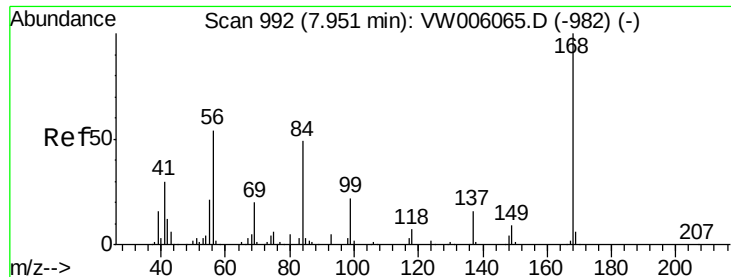
Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMSD

Tot Ion:168 Resp: 160513

Ion Ratio Lower Upper

168 100

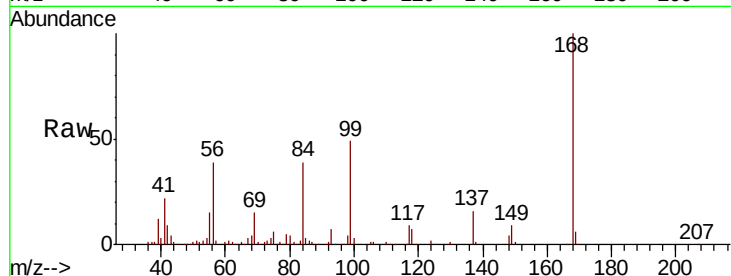
99 48.6 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

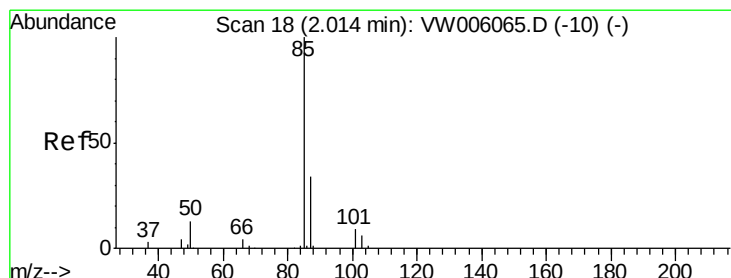
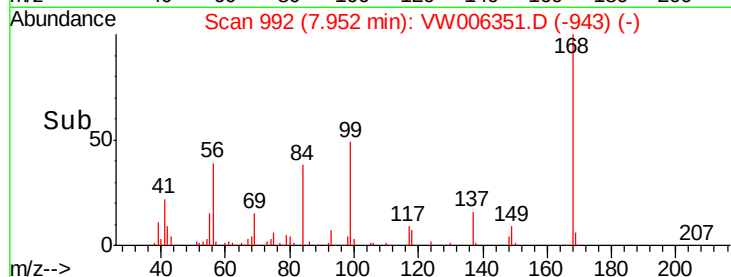
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 65.292 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006351.D

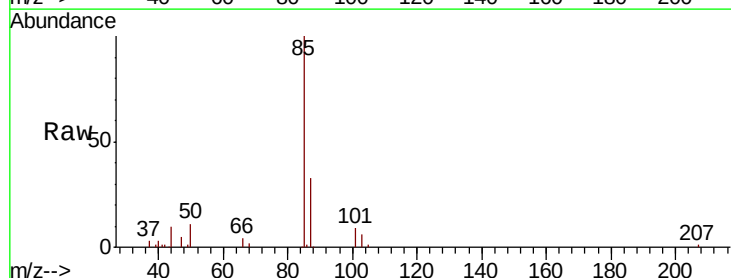
Acq: 25 Oct 2018 07:30

Tgt Ion: 85 Resp: 51862

Ion Ratio Lower Upper

85 100

87 33.3 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

15000

10000

5000

0

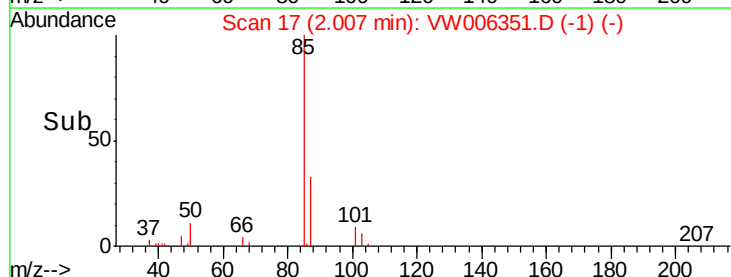
1.90

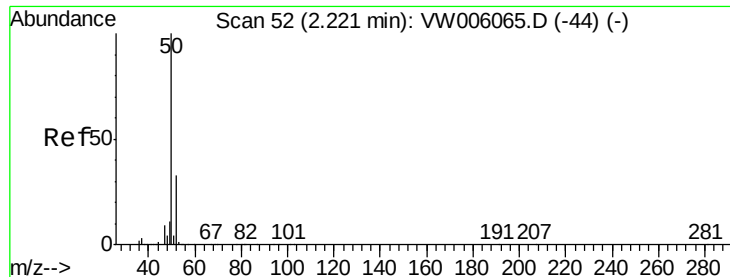
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 74.161 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMSD

Tot Ion: 50 Resp: 75827

Ion Ratio Lower Upper

50 100

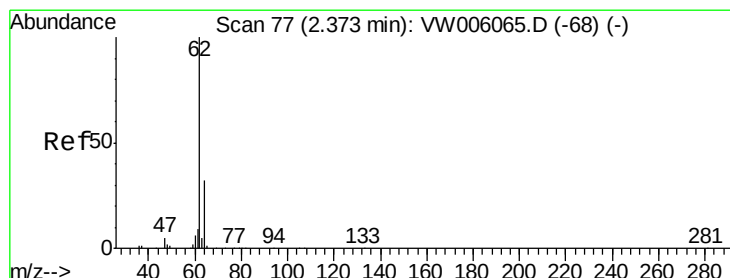
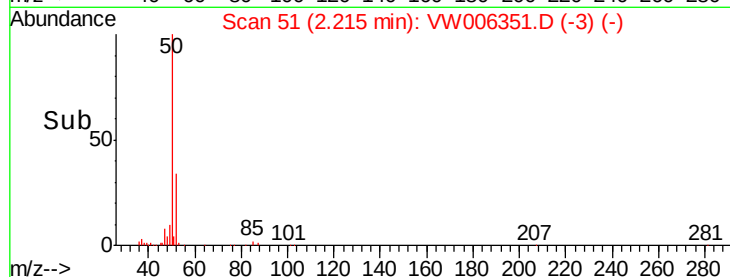
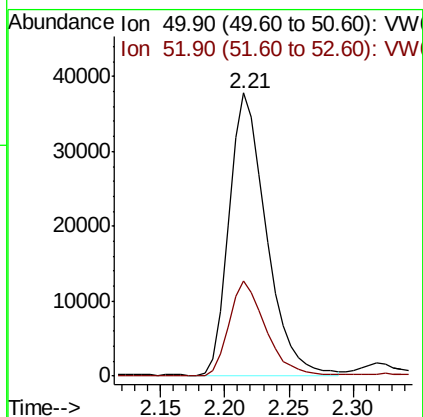
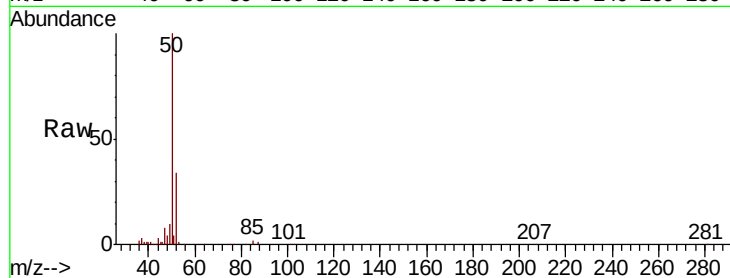
52 33.8 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 72.671 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006351.D

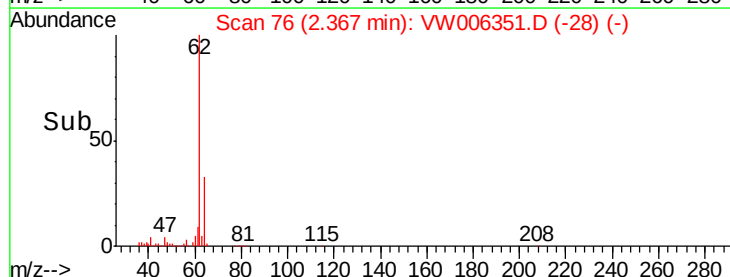
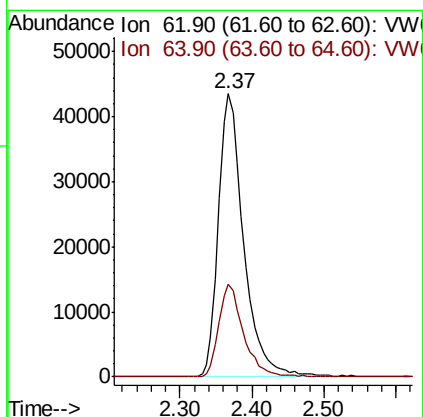
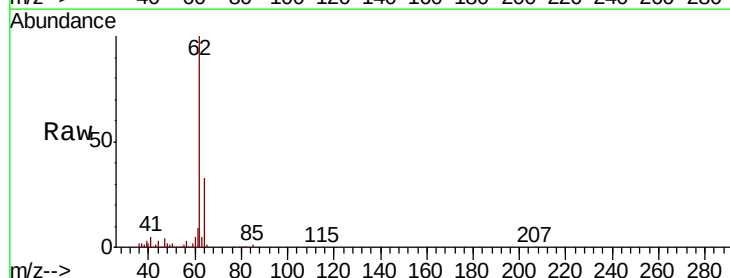
Acq: 25 Oct 2018 07:30

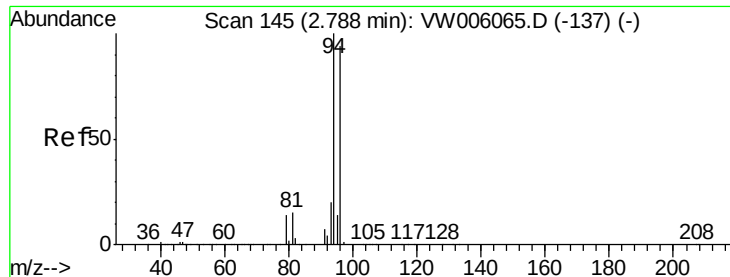
Tgt Ion: 62 Resp: 106112

Ion Ratio Lower Upper

62 100

64 32.6 25.9 38.9





#5

Bromomethane

Concen: 70.462 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 93580

Ion Ratio Lower Upper

94 100

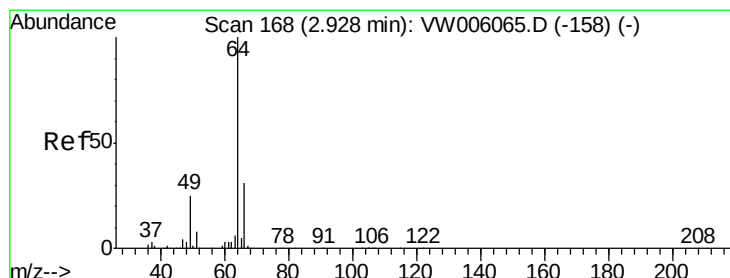
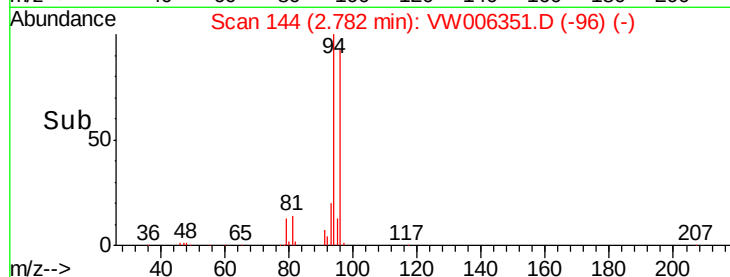
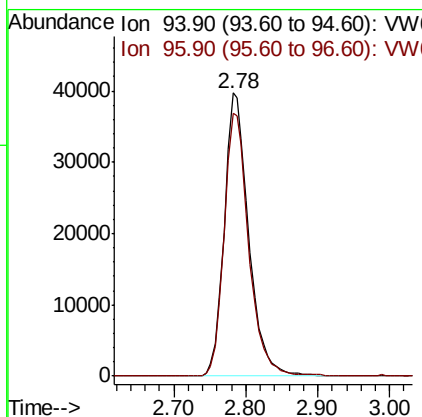
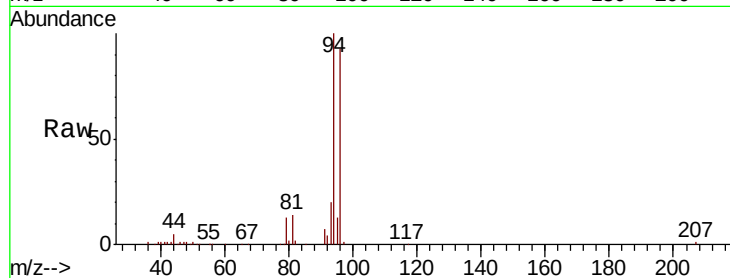
96 92.9 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 72.590 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006351.D

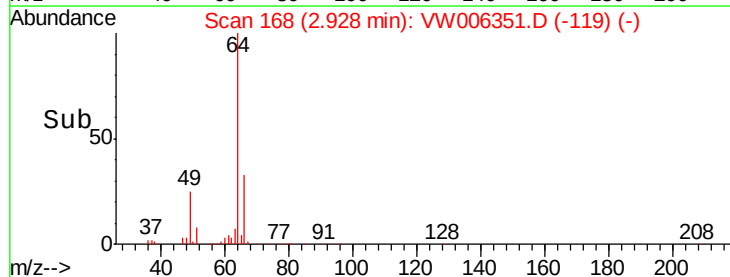
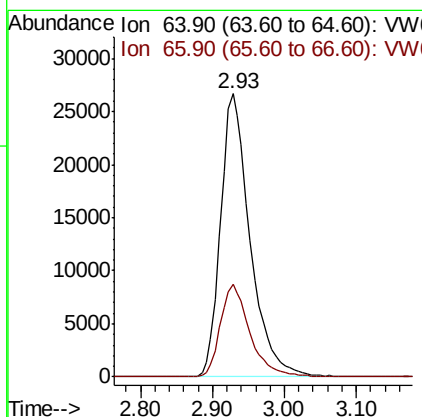
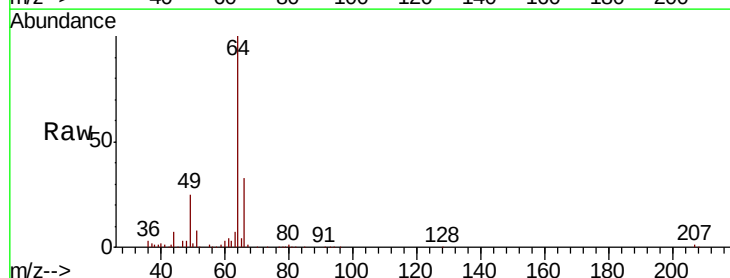
Acq: 25 Oct 2018 07:30

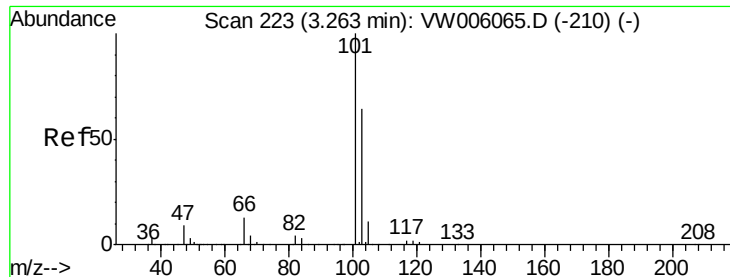
Tgt Ion: 64 Resp: 75959

Ion Ratio Lower Upper

64 100

66 32.6 24.9 37.3





#7

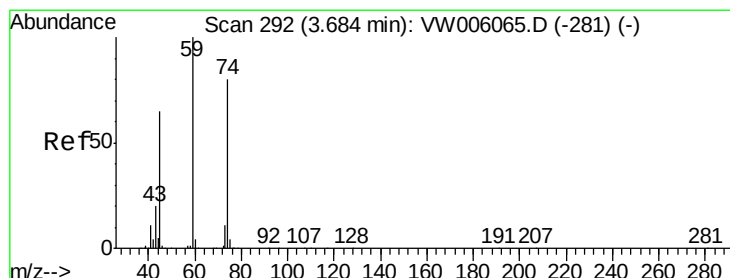
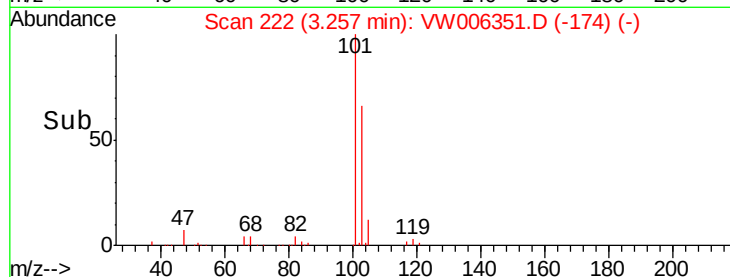
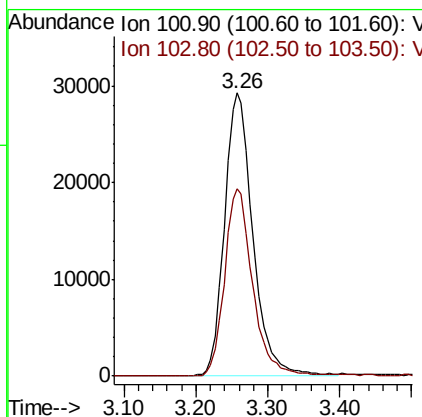
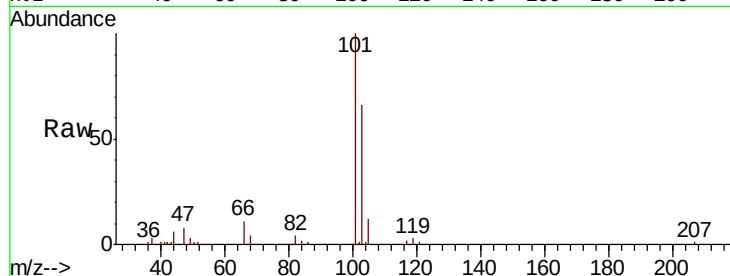
Trichlorofluoromethane
 Concen: 59.046 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	51.2	76.8

Manual Integrations
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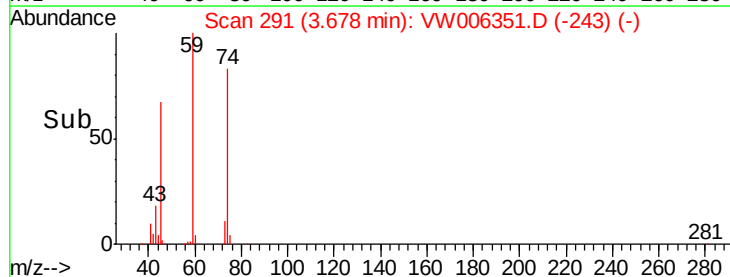
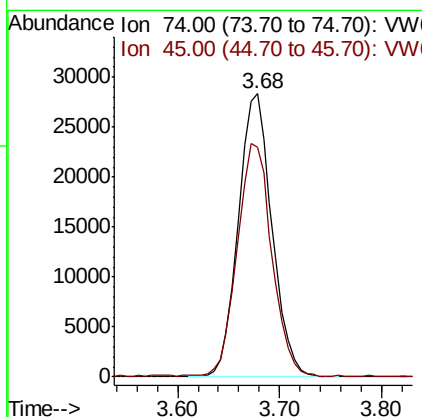
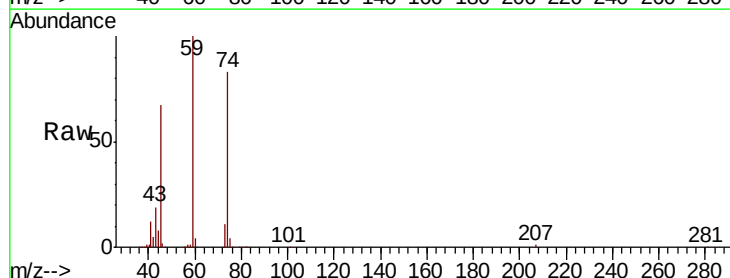
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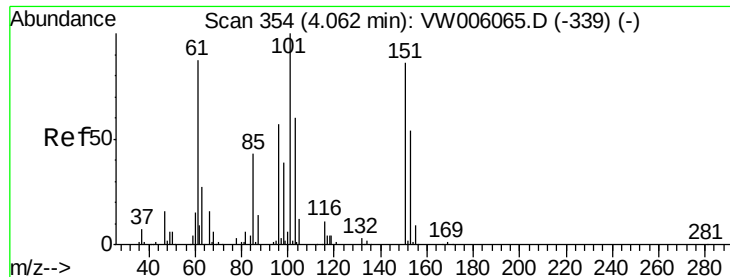


#8

Diethyl Ether
 Concen: 89.551 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.5	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.800 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006351.D

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Instrument :

MSVOA_W

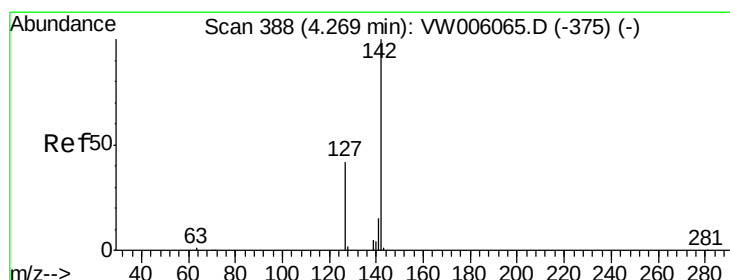
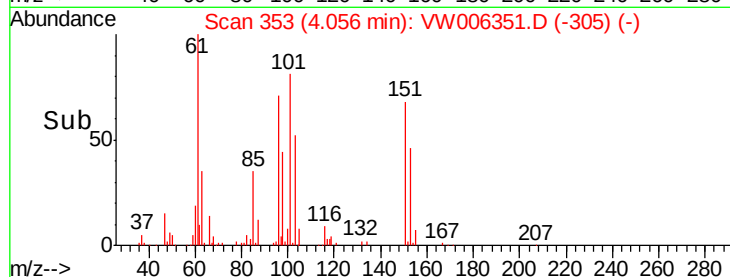
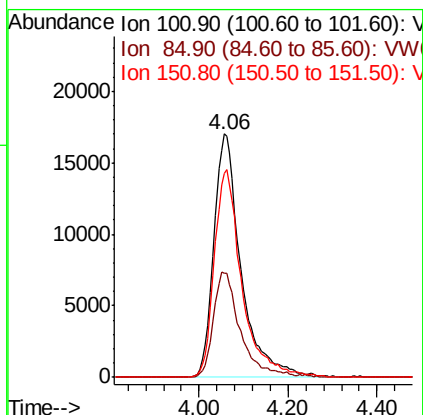
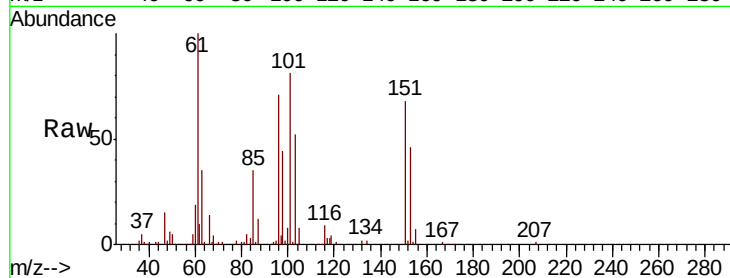
ClientSampleId :

PA-SB-01BMSD

Tot Ion:	101	Resp:	72416
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.9	52.3
151	84.9	70.4	105.6

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#10

Methyl Iodide

Concen: 73.480 ug/l

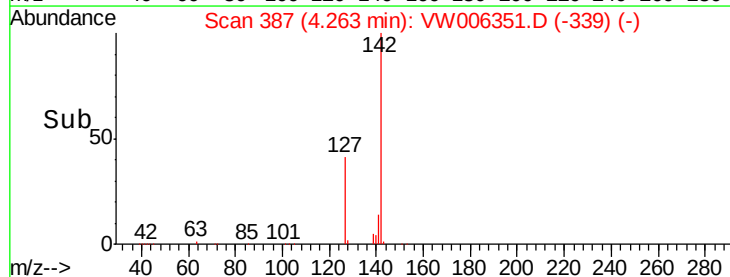
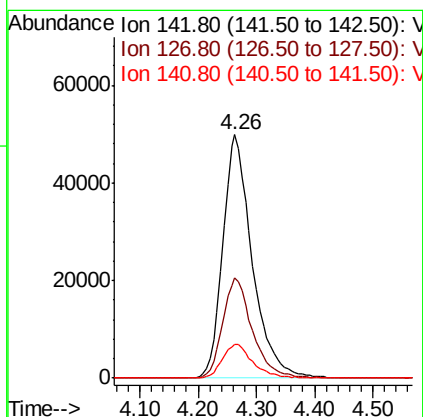
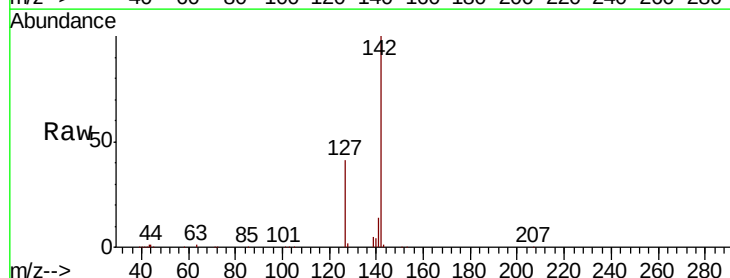
RT: 4.26 min Scan# 387

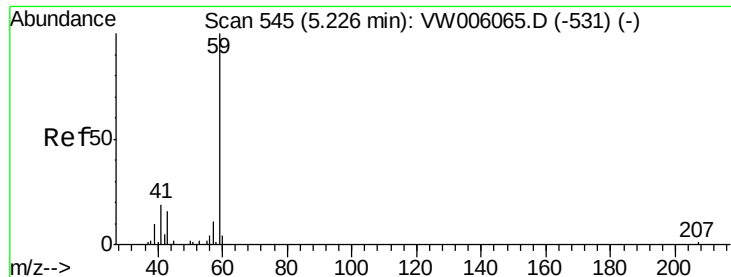
Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Tgt Ion:	142	Resp:	174343
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.6	50.4
141	14.3	11.6	17.4





#11

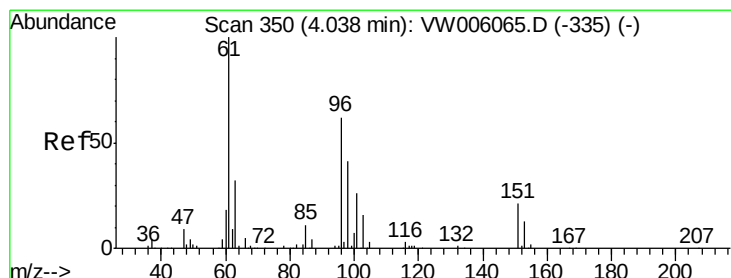
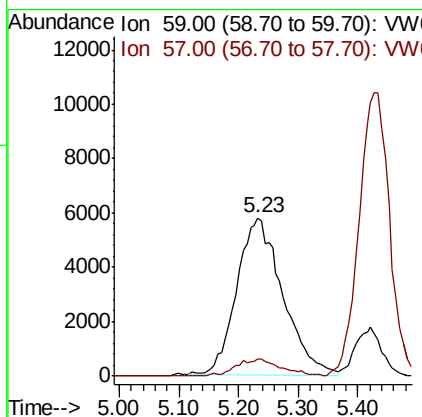
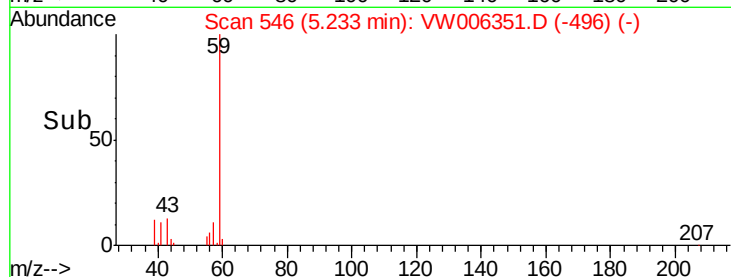
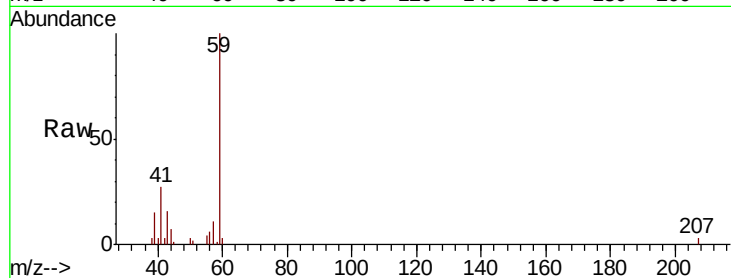
Tert butyl alcohol
Concen: 344.744 ug/l
RT: 5.23 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion	59	Resp	30854
Ion Ratio	100	Lower	Upper
57	10.4	8.7	13.1

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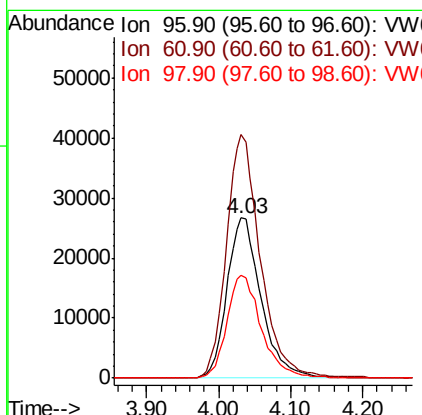
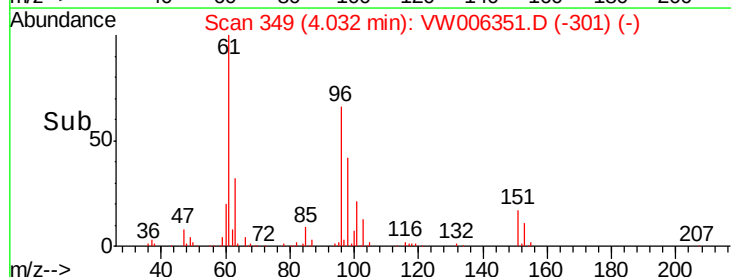
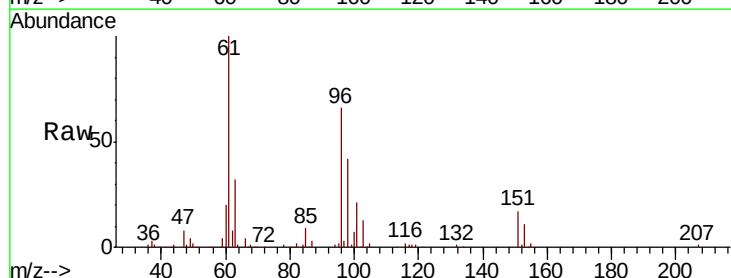
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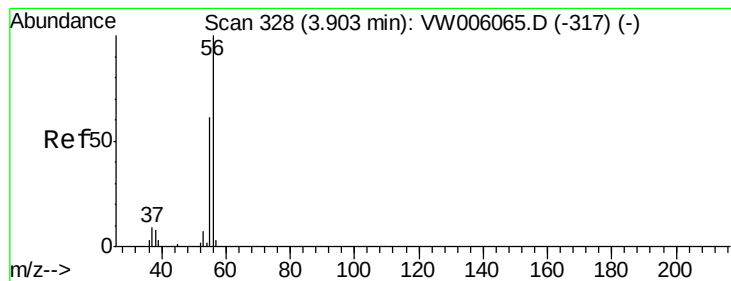


#12

1,1-Dichloroethene
Concen: 65.370 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion	96	Resp	87670
Ion Ratio	100	Lower	Upper
61	152.1	129.3	193.9
98	64.2	53.1	79.7





#13

Acrolein

Concen: 181.279 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMSD

Tot Ion: 56 Resp: 15699

Ion Ratio Lower Upper

56 100

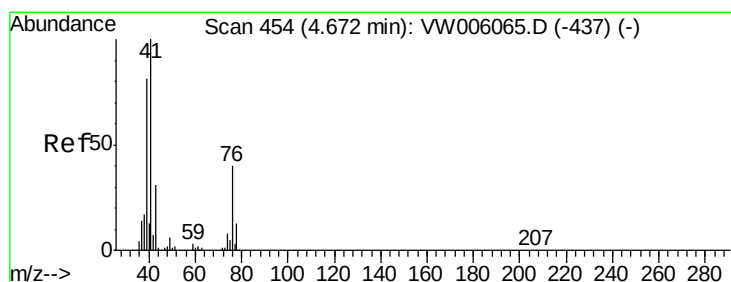
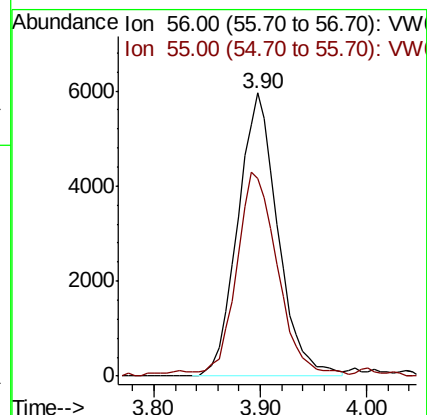
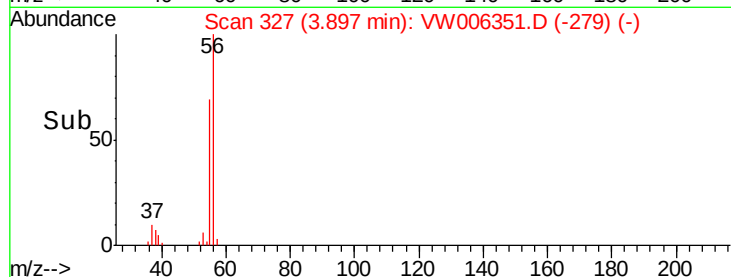
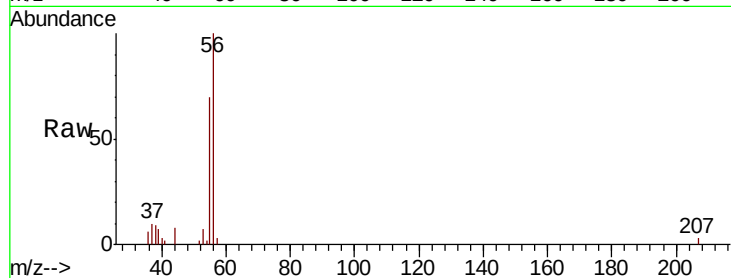
55 74.1 54.5 81.7

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#14

Allyl chloride

Concen: 67.469 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

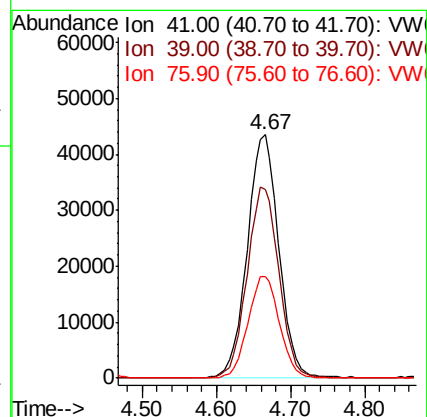
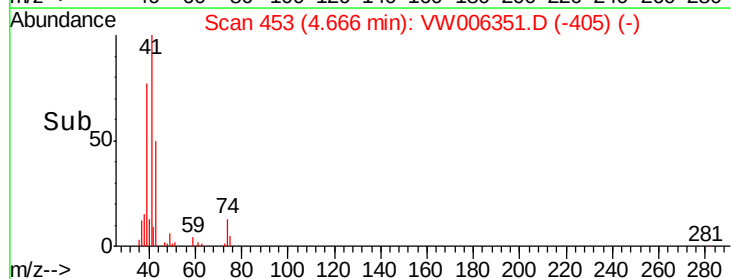
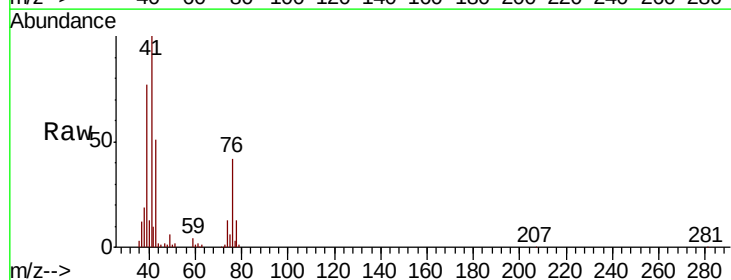
Tgt Ion: 41 Resp: 129380

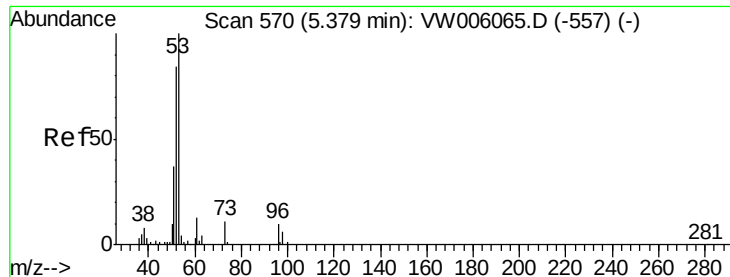
Ion Ratio Lower Upper

41 100

39 79.3 64.1 96.1

76 41.4 32.2 48.4





#15

Acrylonitrile

Concen: 424.654 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

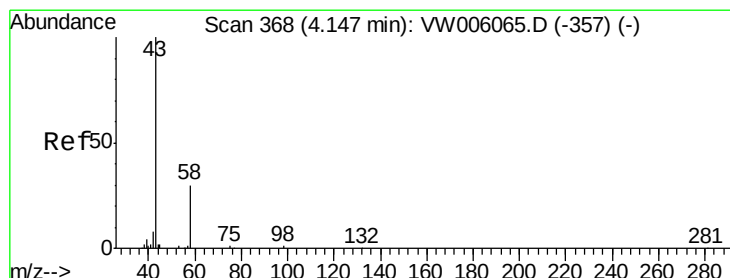
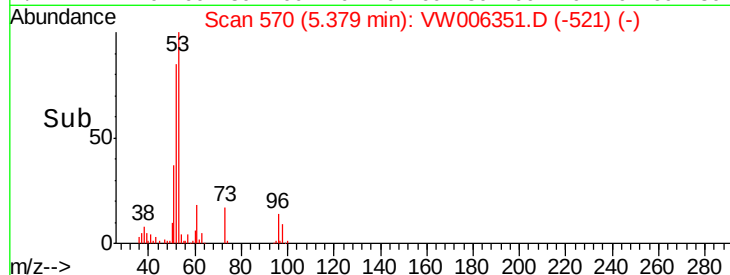
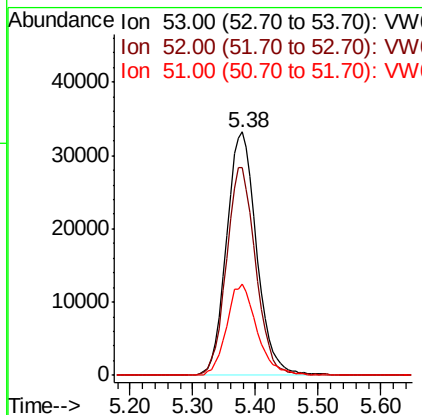
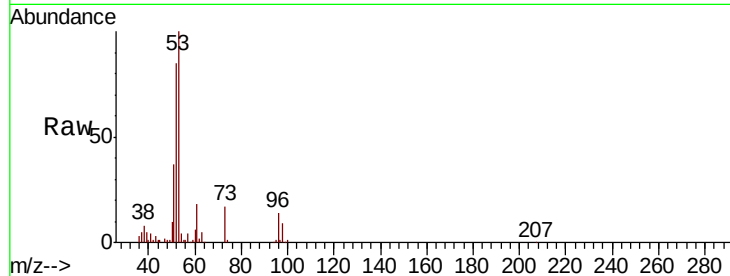
ClientSampleId :

PA-SB-01BMSD

Tot Ion:	53	Resp:	110110
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.9	100.3
51	37.7	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 435.651 ug/l

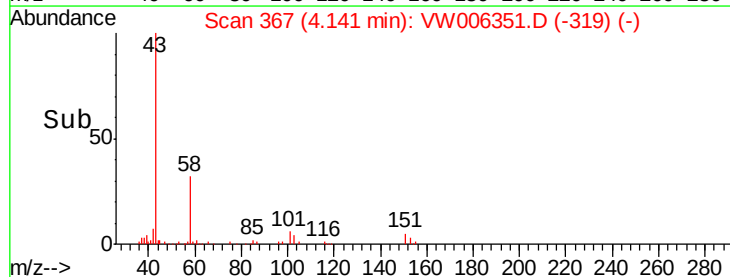
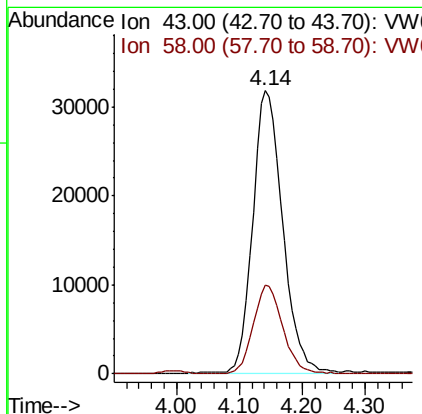
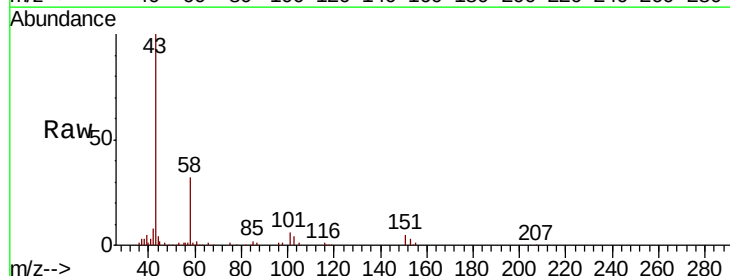
RT: 4.14 min Scan# 367

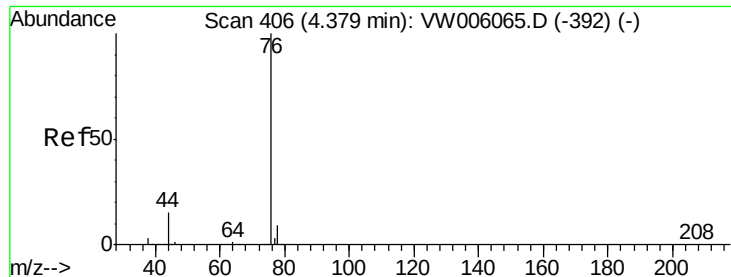
Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Tgt Ion:	43	Resp:	106018
Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.0	36.0





#17

Carbon Disulfide

Concen: 51.712 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMSD

Tot Ion: 76 Resp: 209310

Ion Ratio Lower Upper

76 100

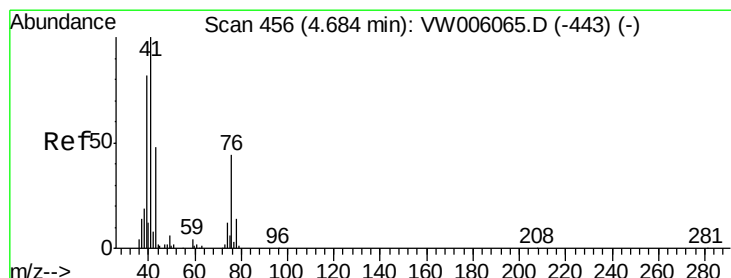
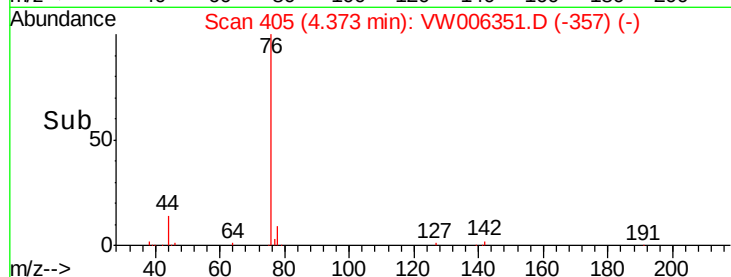
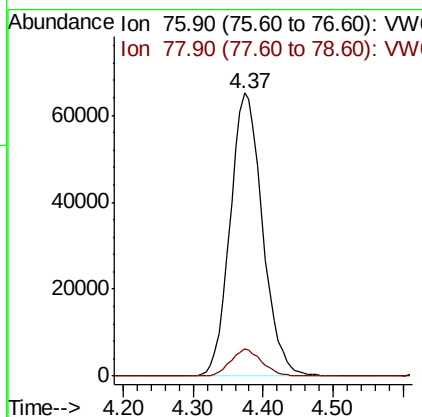
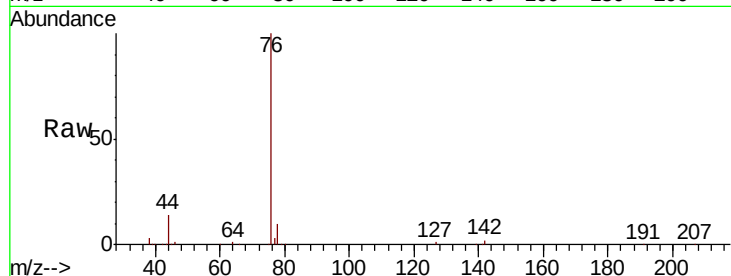
78 9.5 7.5 11.3

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#18

Methyl Acetate

Concen: 120.936 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006351.D

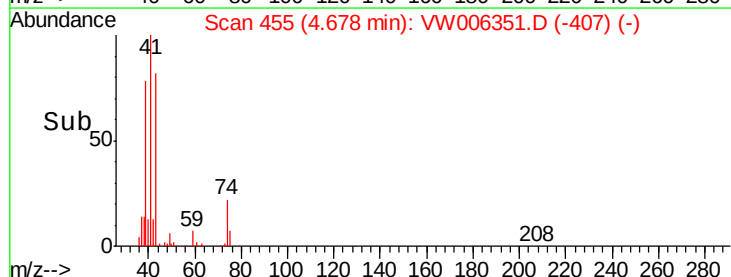
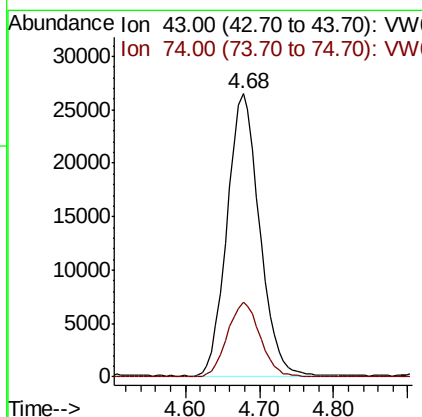
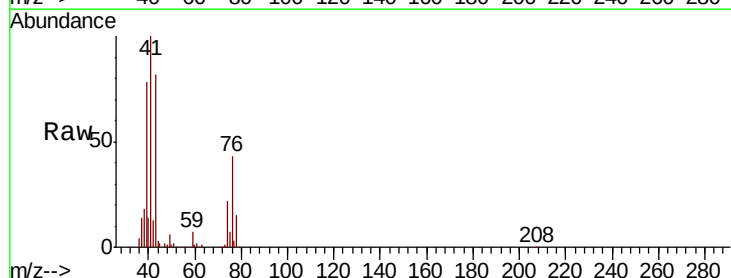
Acq: 25 Oct 2018 07:30

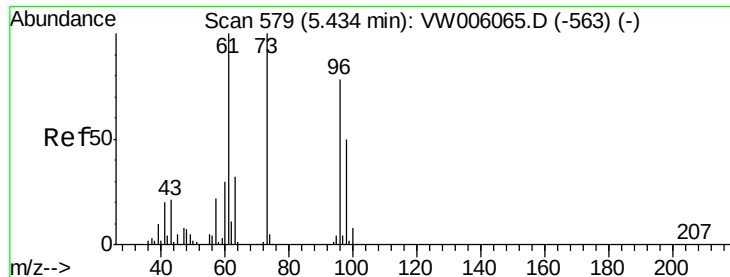
Tgt Ion: 43 Resp: 80989

Ion Ratio Lower Upper

43 100

74 26.7 20.5 30.7





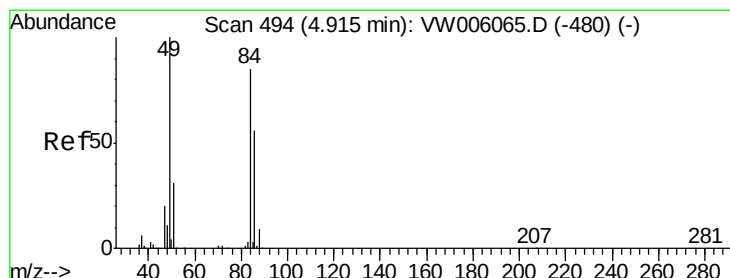
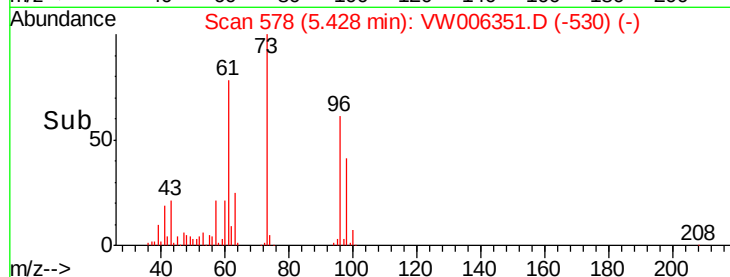
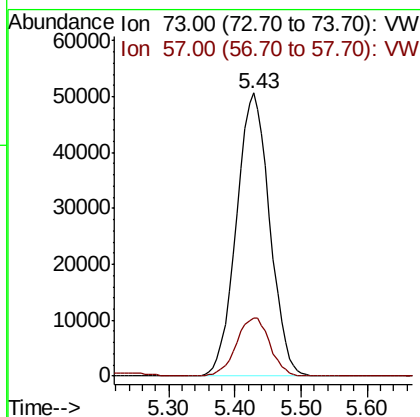
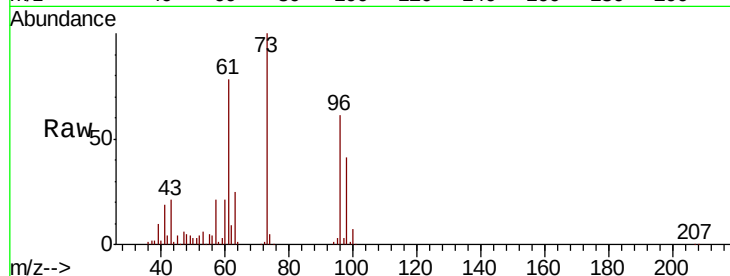
#19
Methyl tert-butyl Ether
Concen: 86.695 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	17.4	26.2

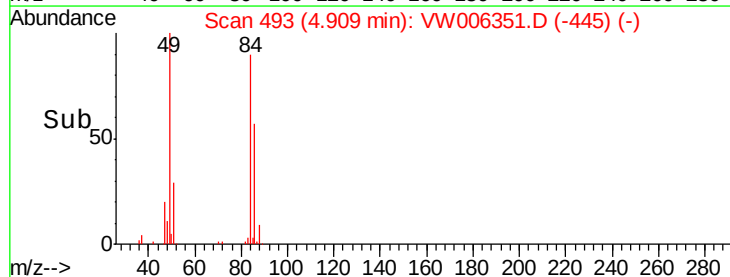
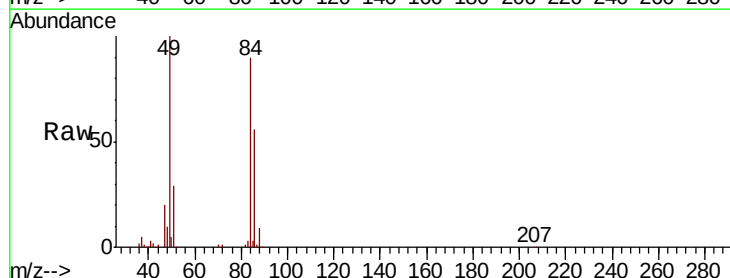
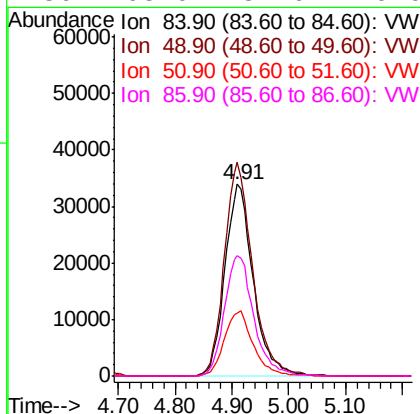
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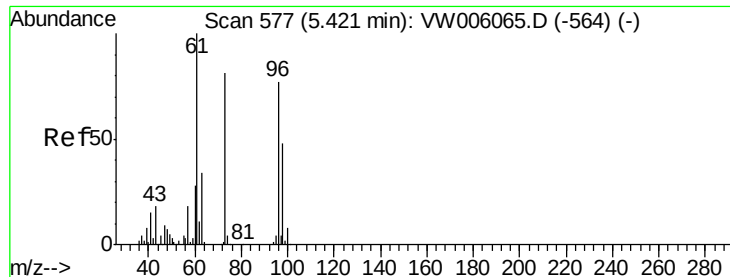
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#20
Methylene Chloride
Concen: 84.469 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.5	93.6	140.4
51	32.6	29.0	43.4
86	63.0	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 68.655 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

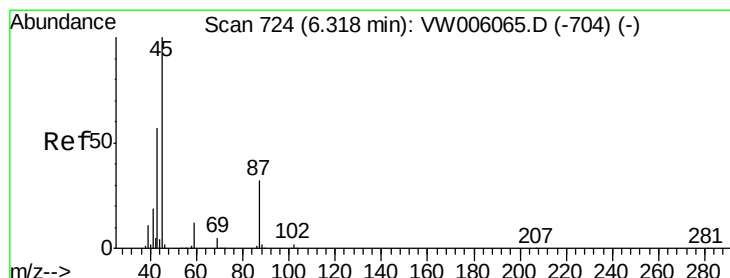
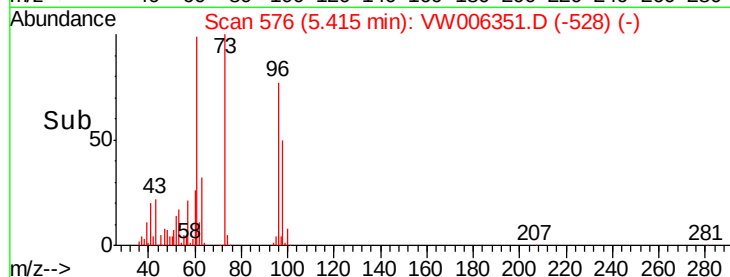
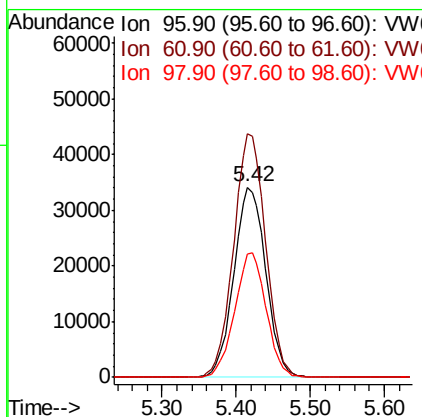
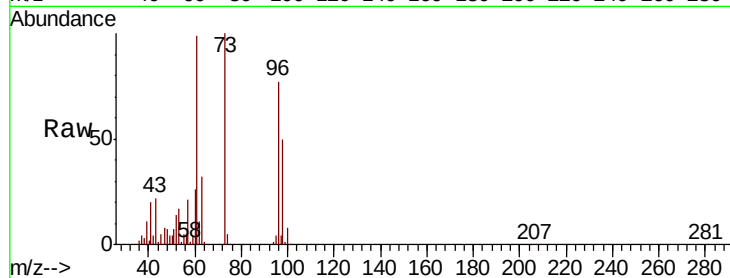
ClientSampleId :

PA-SB-01BMSD

Tot Ion:	96	Resp:	102774
Ion	Ratio	Lower	Upper
96	100		
61	128.0	104.5	156.7
98	64.6	50.6	75.8

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#22

Diisopropyl ether

Concen: 79.229 ug/l

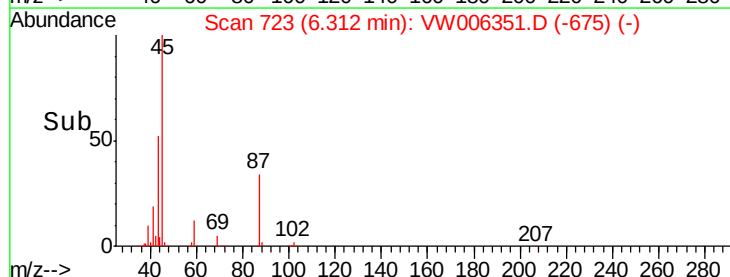
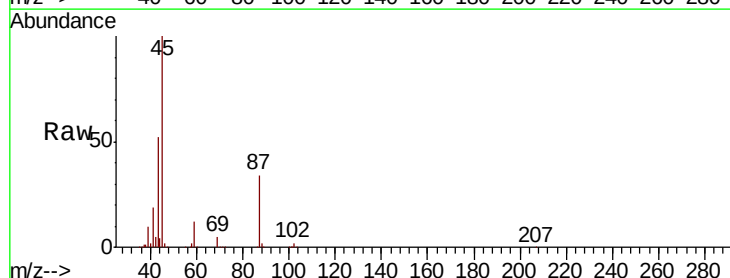
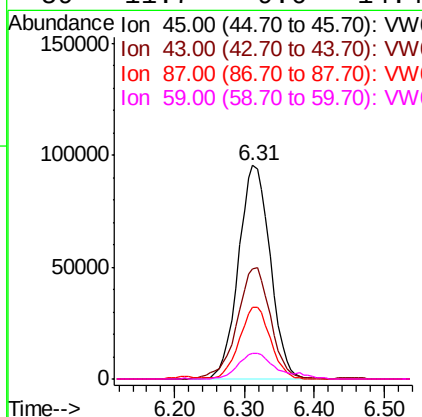
RT: 6.31 min Scan# 723

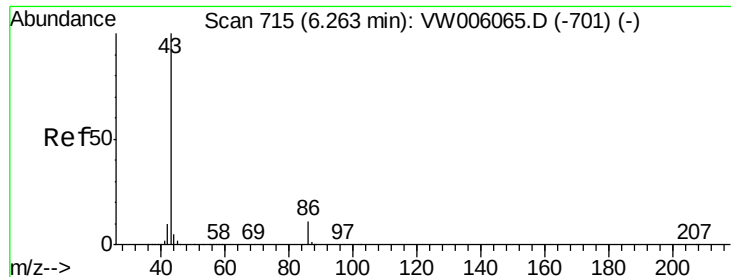
Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Tgt Ion:	45	Resp:	300238
Ion	Ratio	Lower	Upper
45	100		
43	51.5	45.7	68.5
87	33.8	25.9	38.9
59	11.7	9.6	14.4





#23

Vinyl Acetate

Concen: 74.106 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.05 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMSD

Tot Ion: 43 Resp: 165729

Ion Ratio Lower Upper

43 100

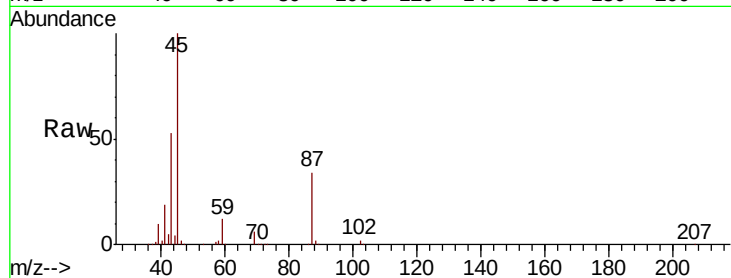
86 0.4 9.0 13.6#

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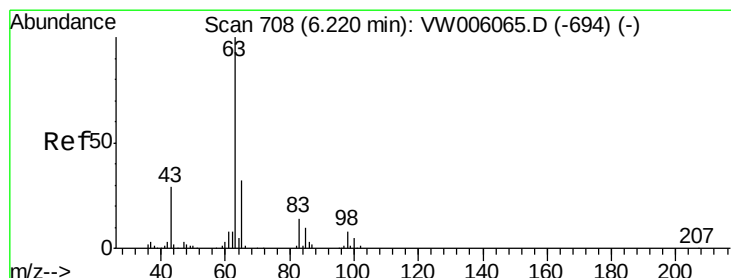
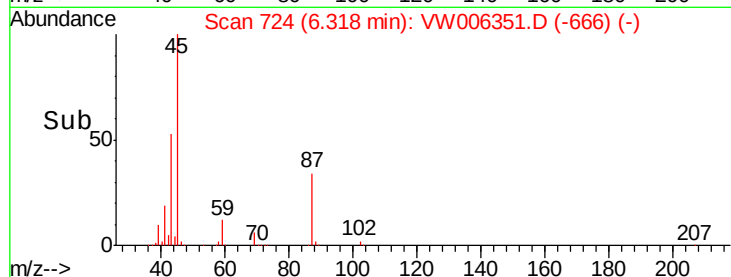
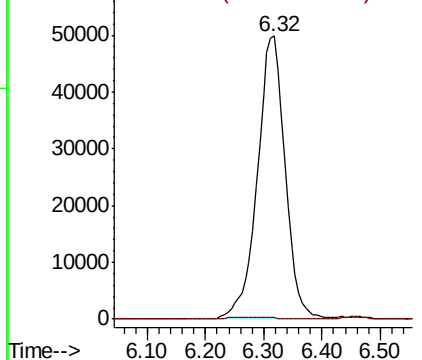
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 74.838 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

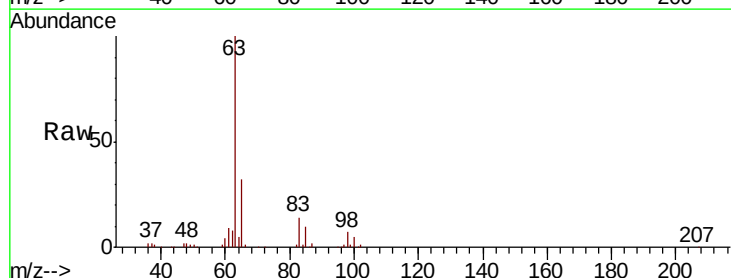
Tgt Ion: 63 Resp: 182996

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

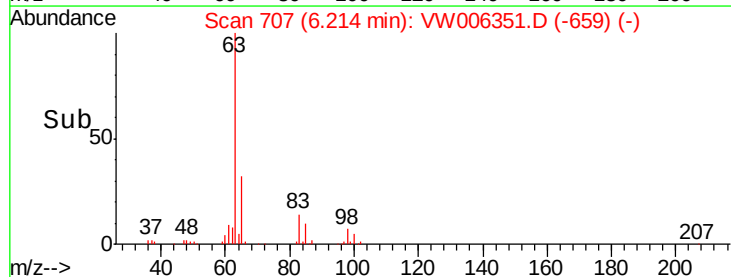
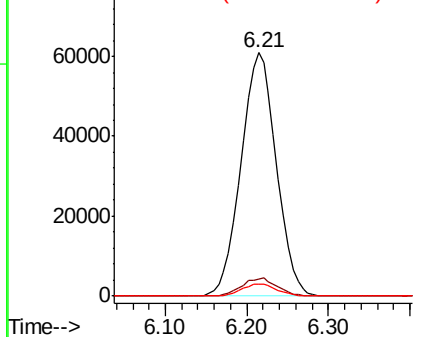
100 4.9 2.5 7.5

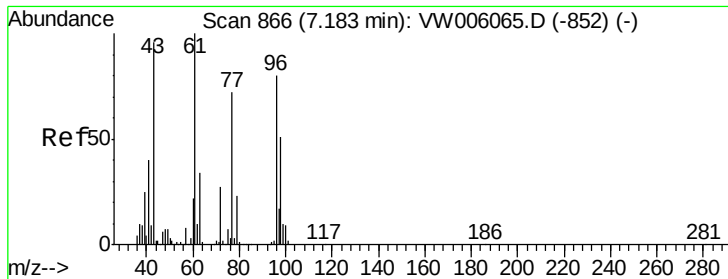


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 397.265 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMSD

Tot Ion: 43 Resp: 142816

Ion Ratio Lower Upper

43 100

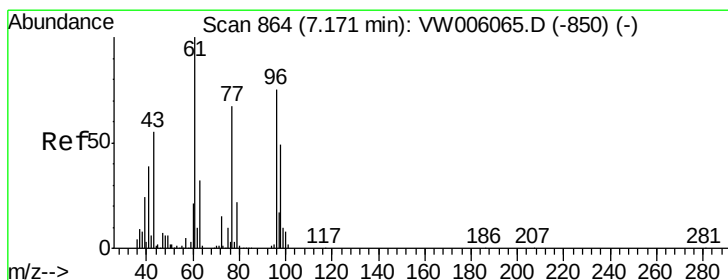
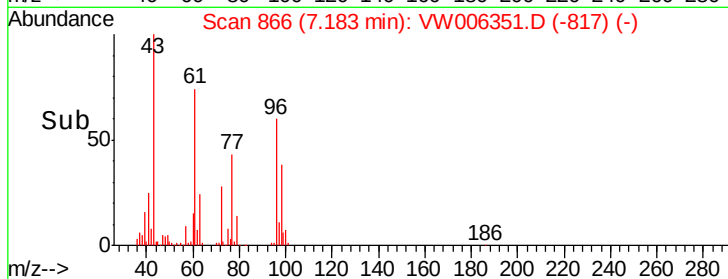
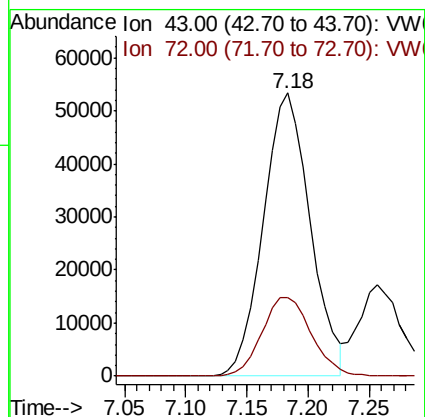
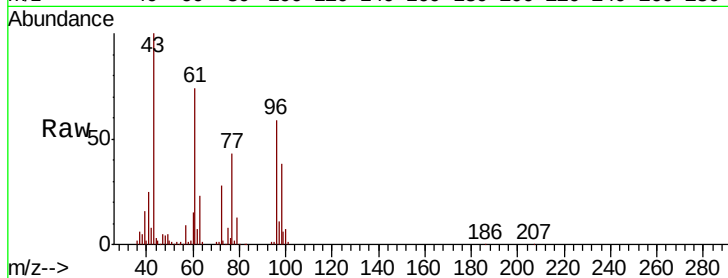
72 27.9 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 53.273 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006351.D

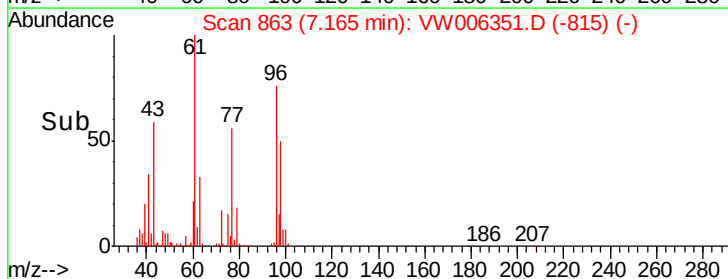
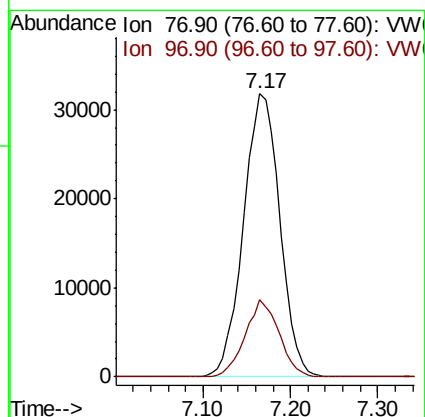
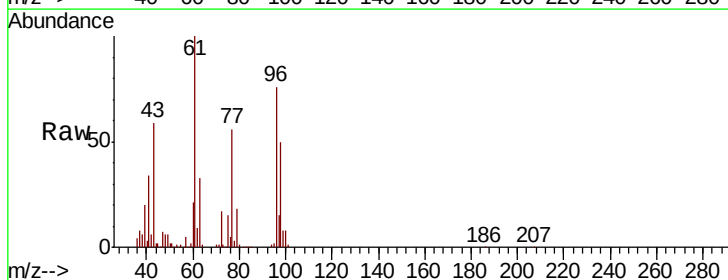
Acq: 25 Oct 2018 07:30

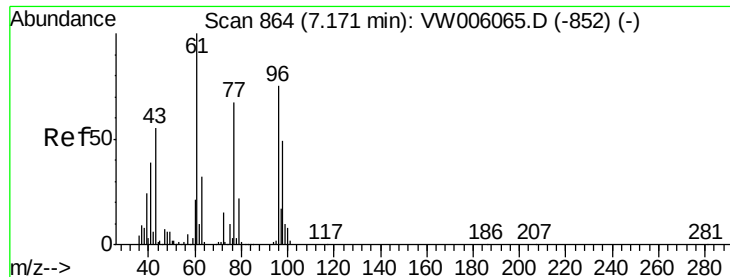
Tgt Ion: 77 Resp: 91874

Ion Ratio Lower Upper

77 100

97 25.4 12.2 36.4





#27

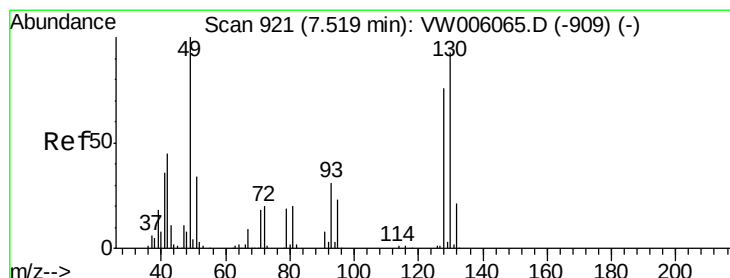
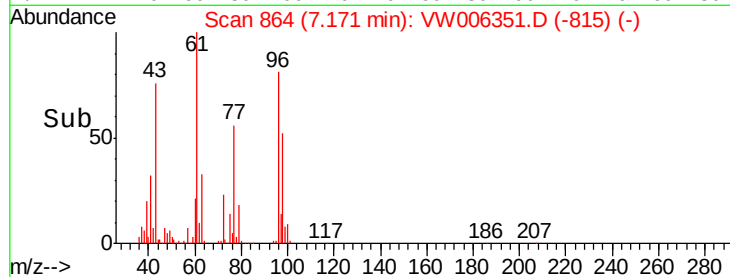
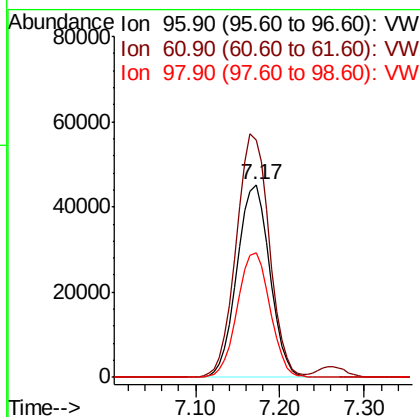
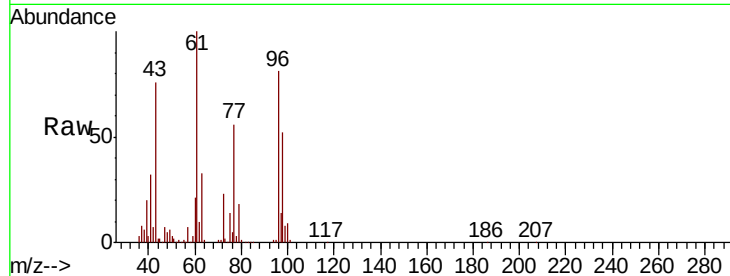
cis-1,2-Dichloroethene
 Concen: 72.001 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	267.2
98	64.5	0.0	128.6

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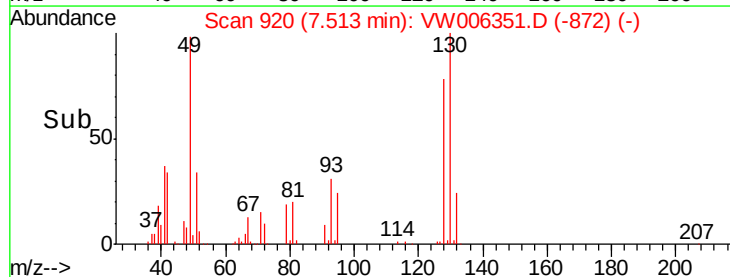
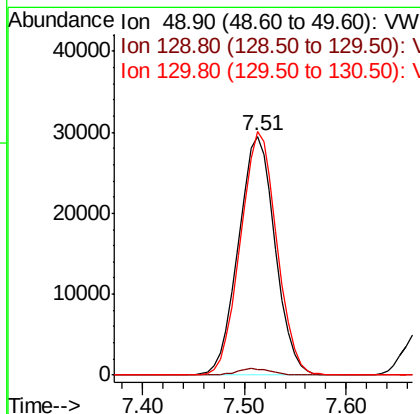
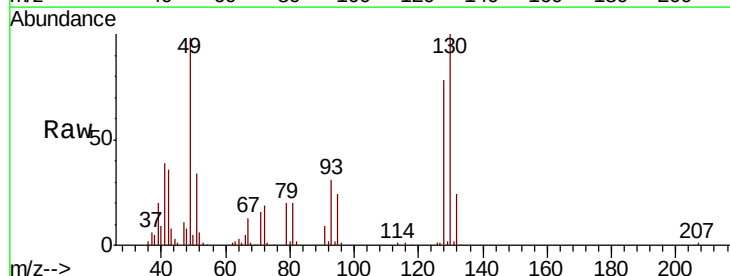
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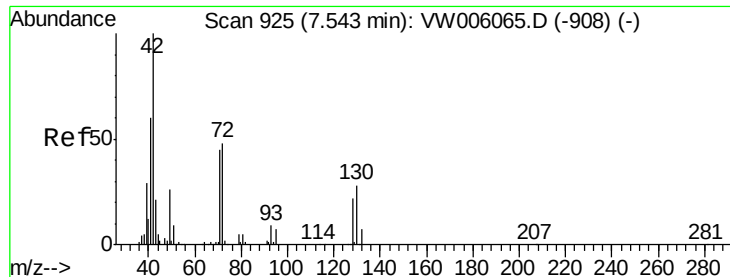


#28

Bromochloromethane
 Concen: 78.113 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	100.9	73.8	110.8





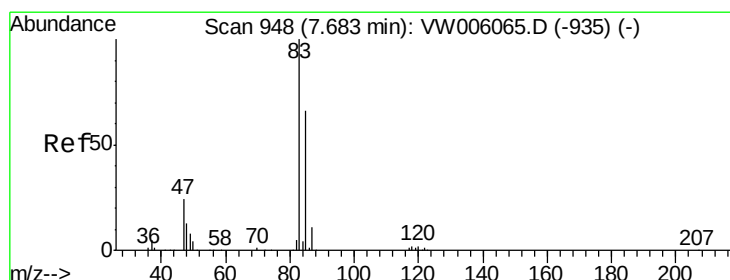
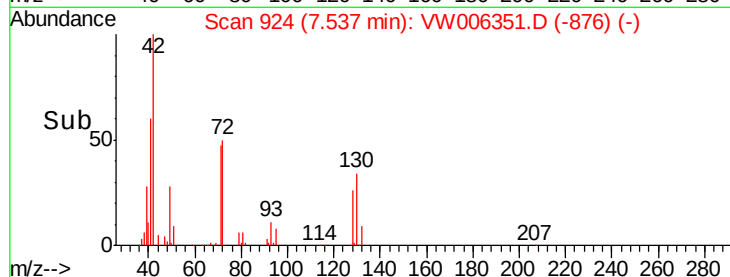
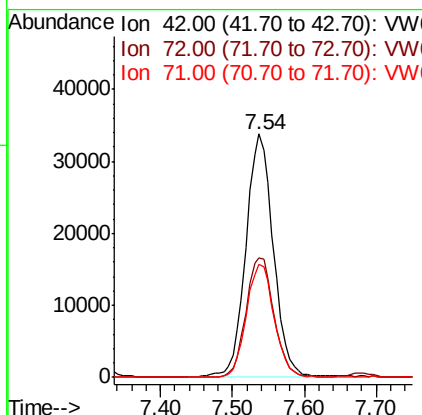
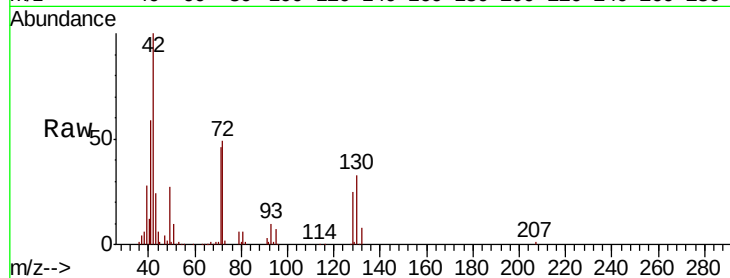
#29
Tetrahydrofuran
Concen: 406.792 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	38.0	57.0
71	46.5	35.3	52.9

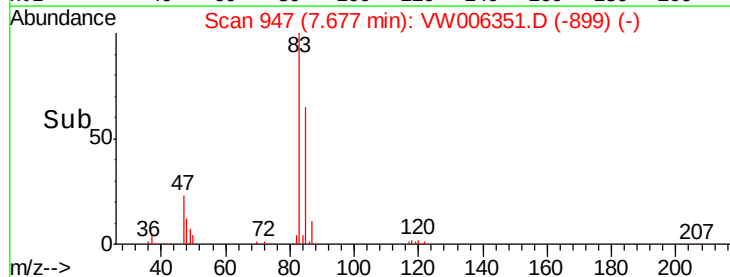
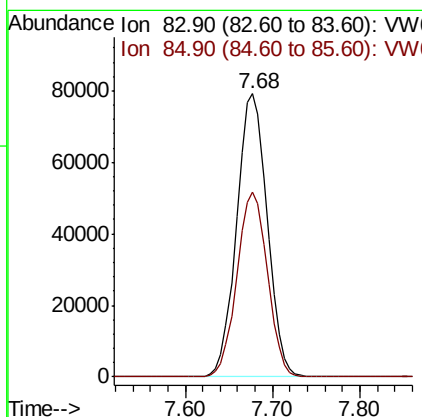
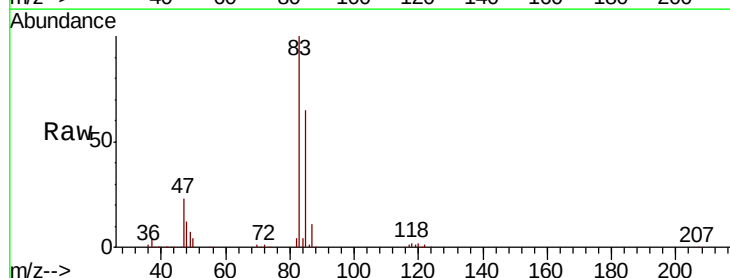
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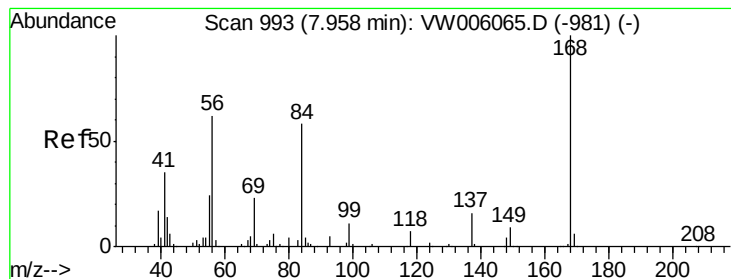
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#30
Chloroform
Concen: 72.206 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.6	79.0





#31

Cyclohexane

Concen: 31.306 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

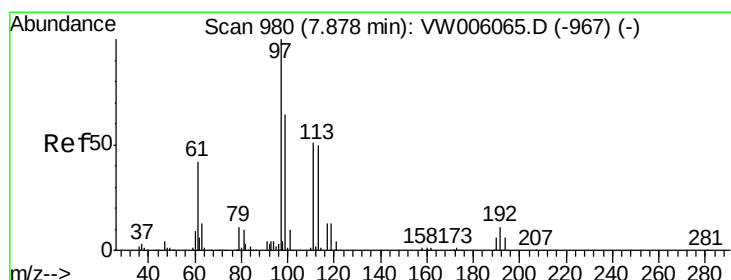
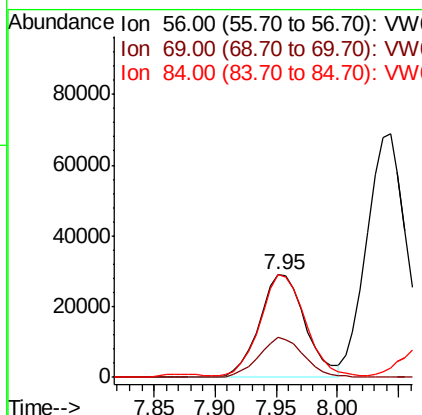
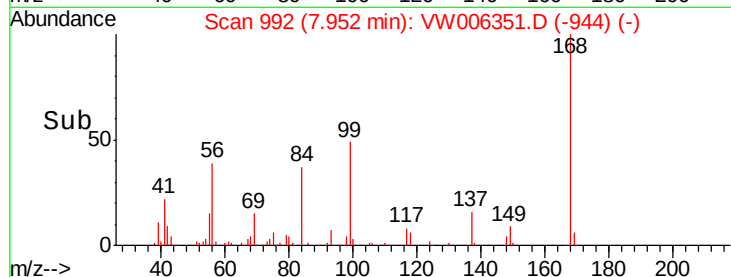
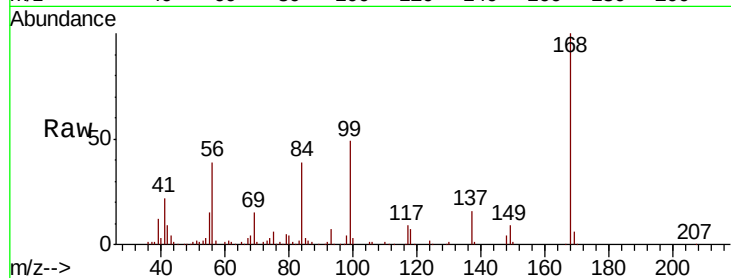
ClientSampleId :

PA-SB-01BMSD

Tot Ion:	56	Resp:	76233
Ion Ratio	Lower	Upper	
56	100		
69	38.9	29.4	44.0
84	97.1	74.0	111.0

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#32

1,1,1-Trichloroethane

Concen: 59.739 ug/l

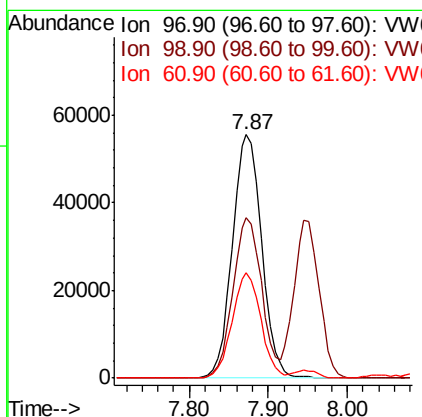
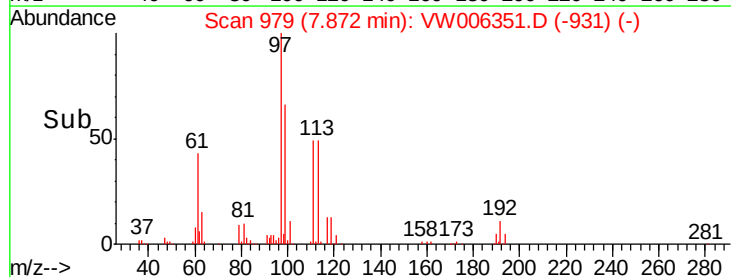
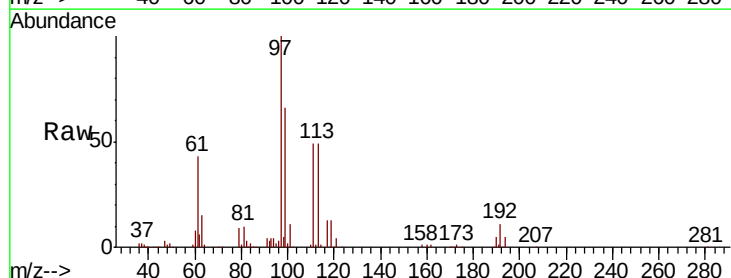
RT: 7.87 min Scan# 979

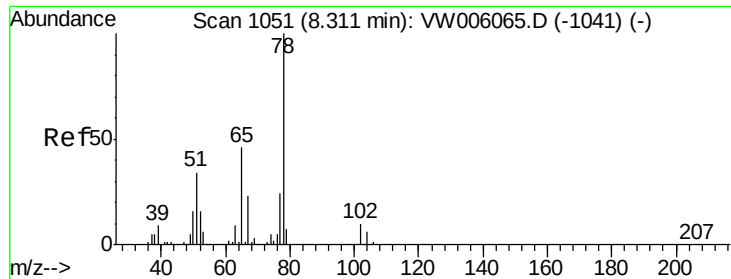
Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Tgt Ion:	97	Resp:	143562
Ion Ratio	Lower	Upper	
97	100		
99	65.1	50.9	76.3
61	42.1	33.7	50.5





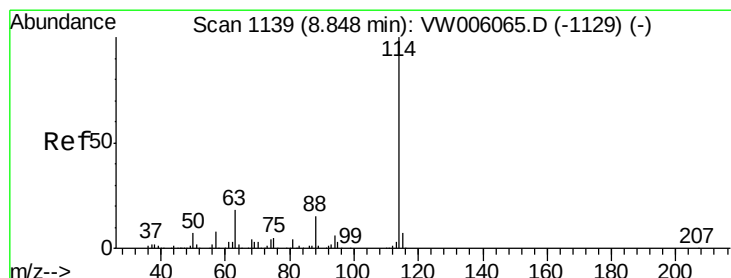
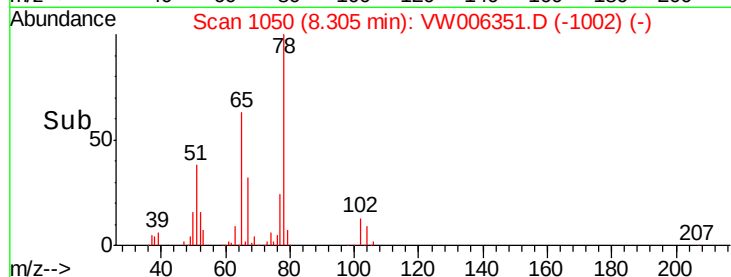
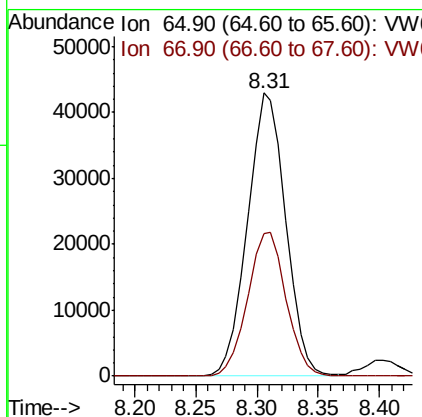
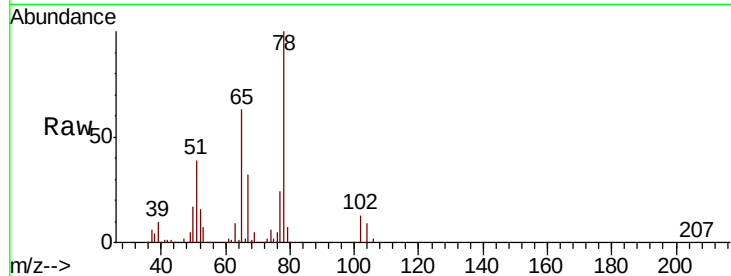
#33
 1,2-Dichloroethane-d4
 Concen: 70.118 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	93309		
67	51.3	0.0	101.0	

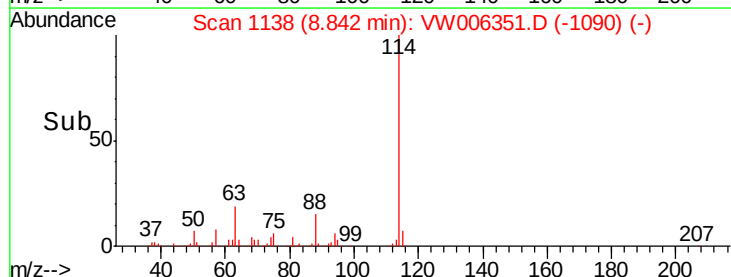
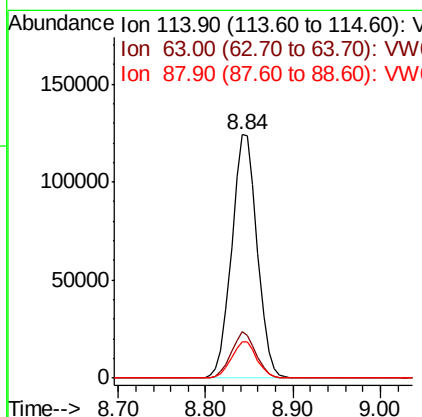
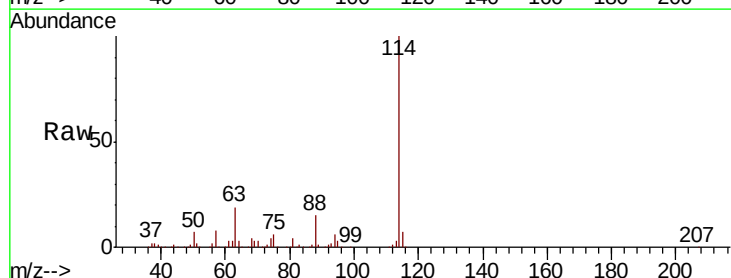
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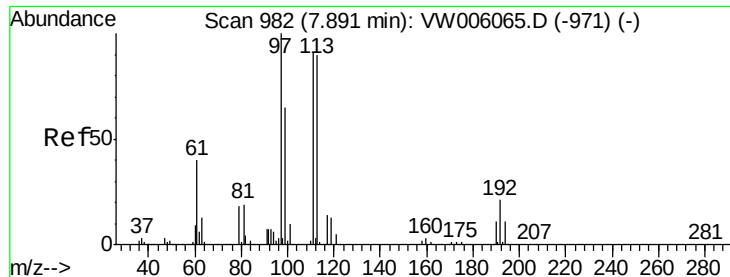
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	251168		
63	19.0	0.0	36.8	
88	15.0	0.0	29.0	





#35

Dibromofluoromethane

Concen: 61.806 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

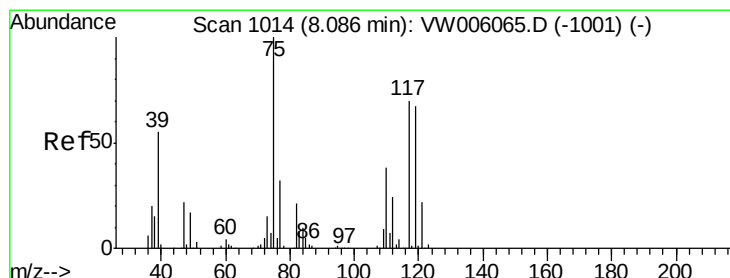
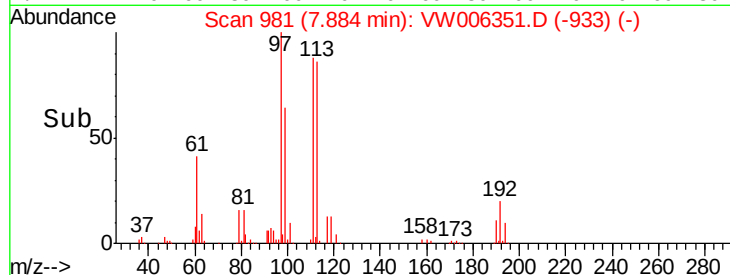
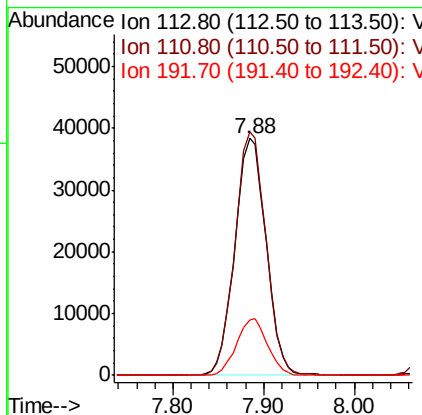
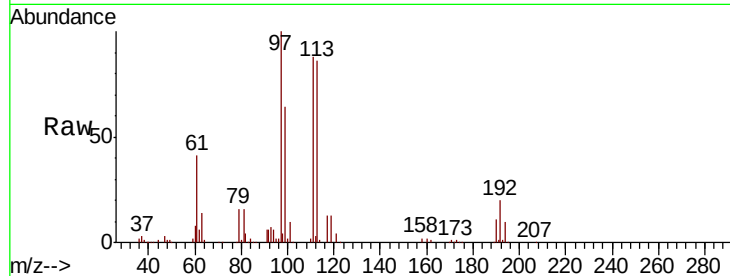
ClientSampleId :

PA-SB-01BMSD

Tot Ion:	113	Resp:	91729
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.4	122.0
192	23.6	18.7	28.1

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#36

1,1-Dichloropropene

Concen: 47.659 ug/l

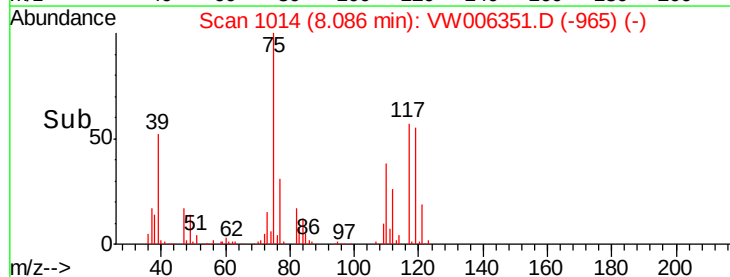
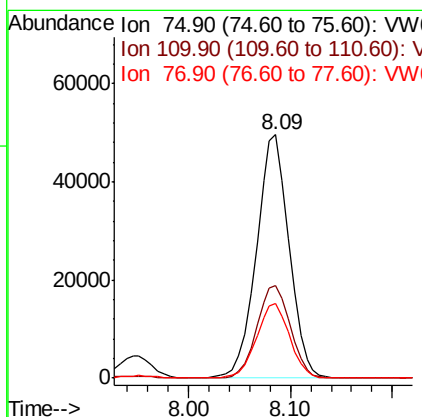
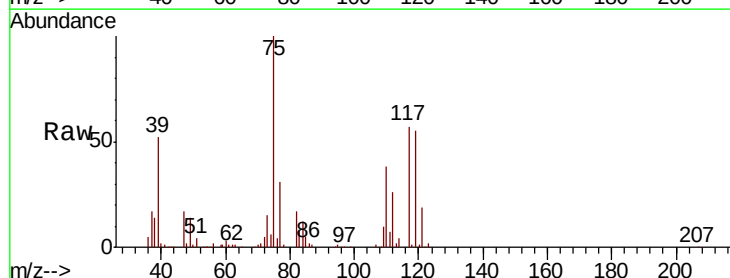
RT: 8.09 min Scan# 1014

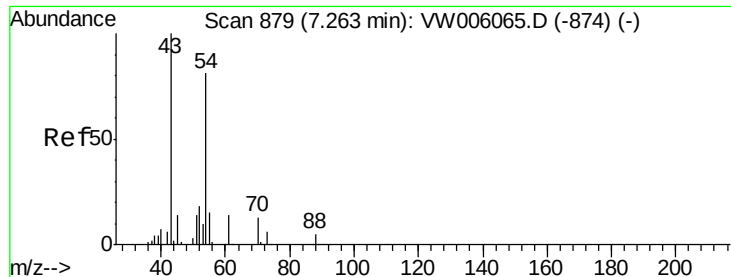
Delta R.T. 0.00 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Tgt Ion:	75	Resp:	110335
Ion Ratio	Lower	Upper	
75	100		
110	38.8	19.1	57.1
77	31.3	25.0	37.4





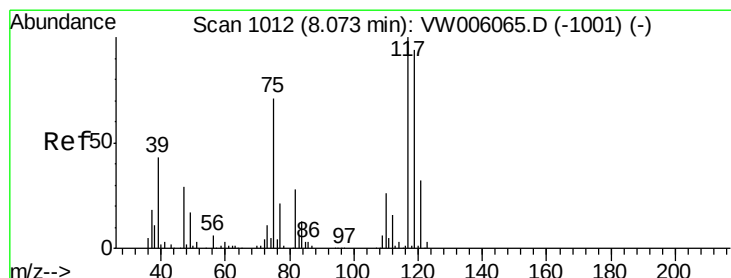
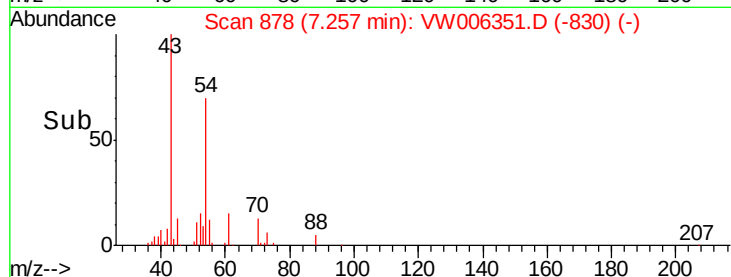
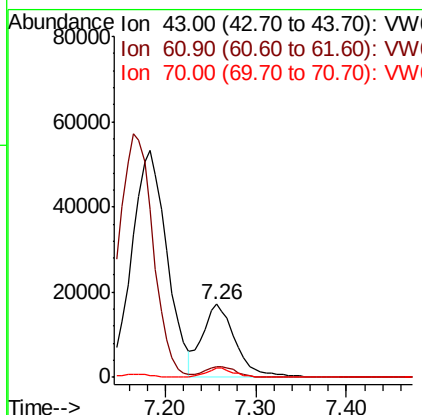
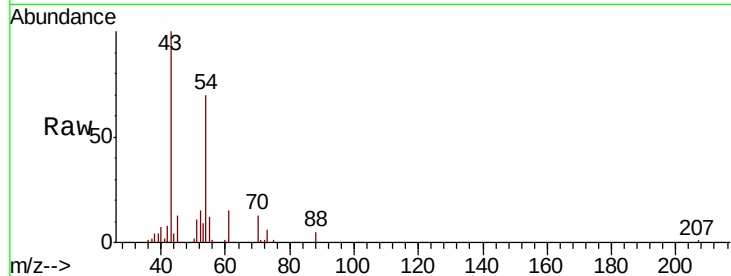
#37
Ethyl Acetate
Concen: 51.131 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.5	17.3
70	11.0	9.2	13.8

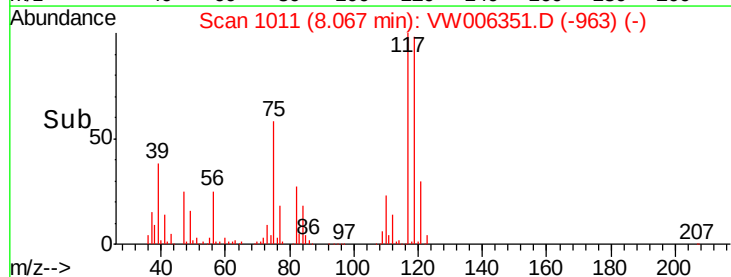
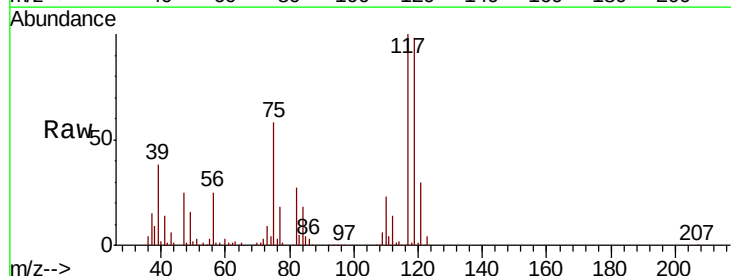
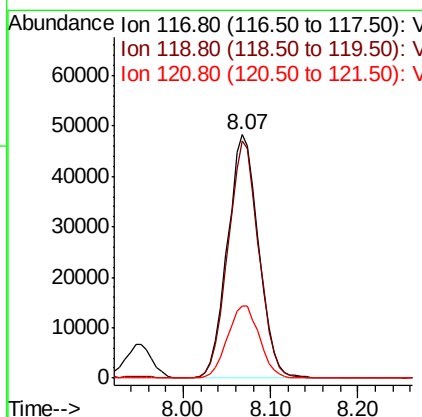
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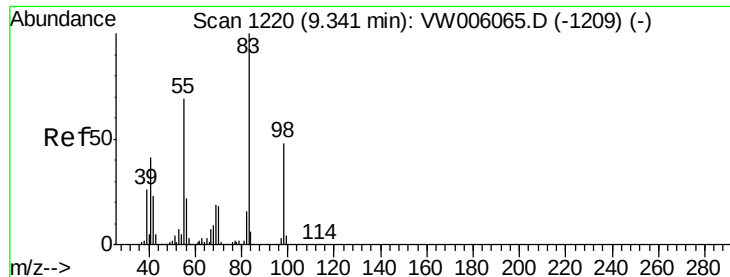
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#38
Carbon Tetrachloride
Concen: 47.083 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.2	112.8
121	29.8	25.3	37.9





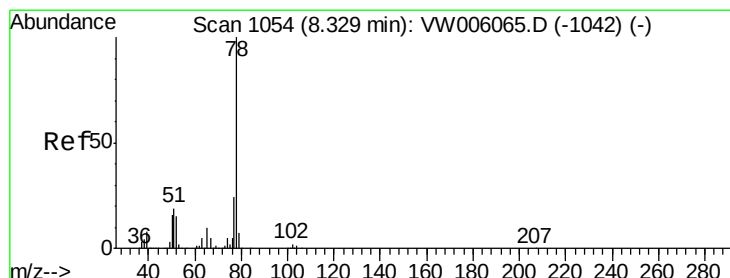
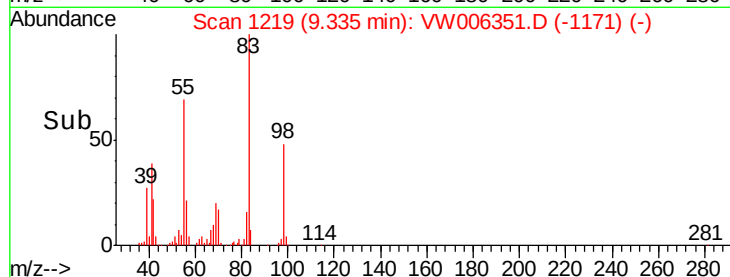
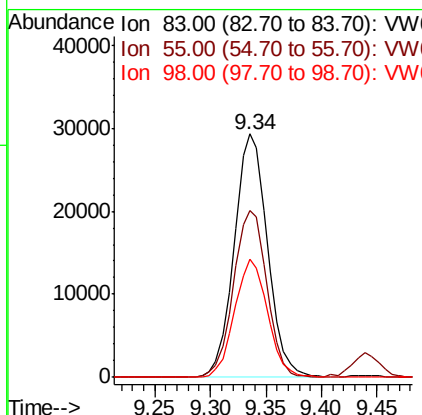
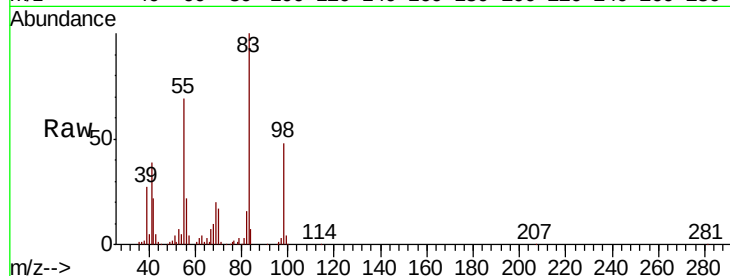
#39
Methylvlcyclohexane
Concen: 19.657 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.6	55.0	82.6
98	48.3	38.6	57.8

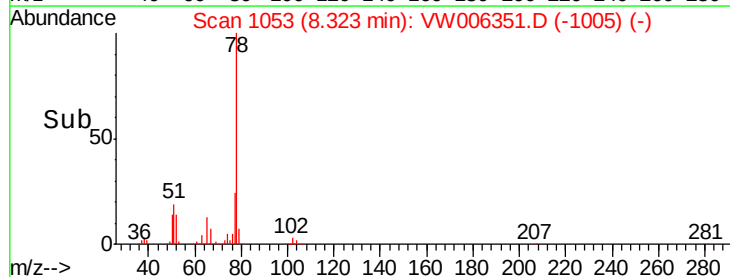
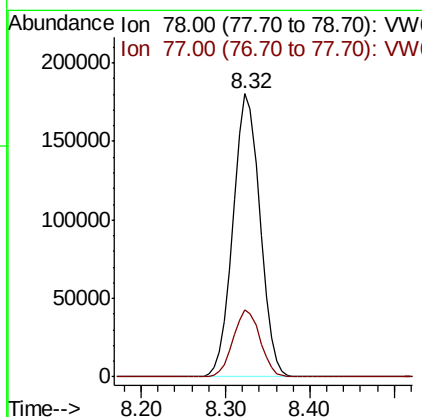
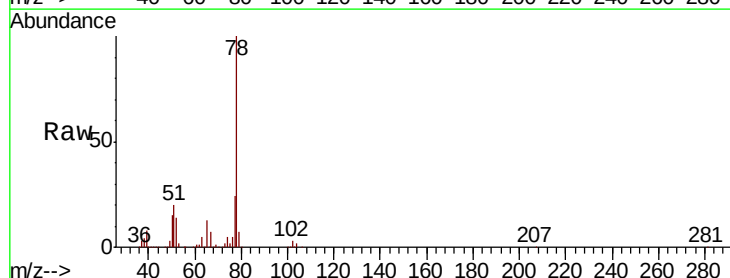
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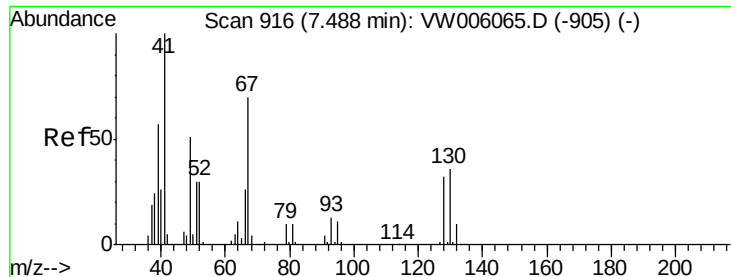
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#40
Benzene
Concen: 61.340 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0





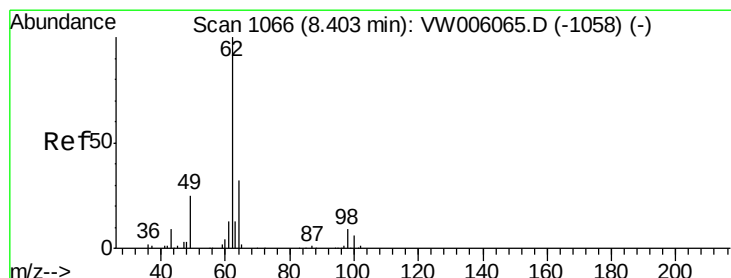
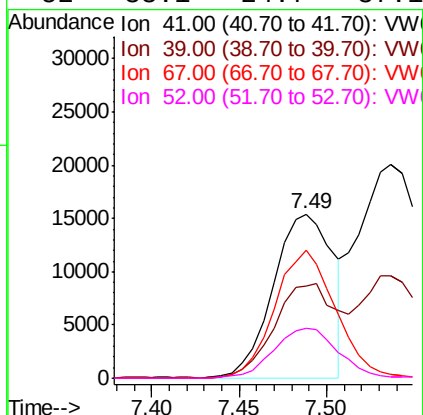
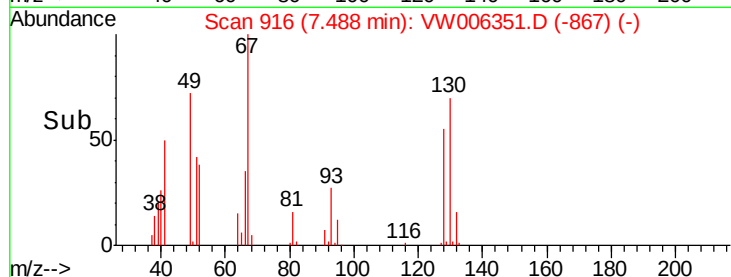
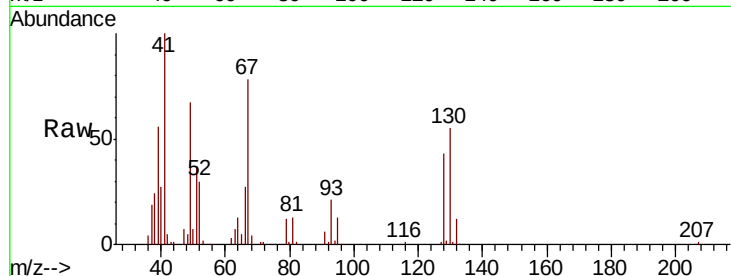
#41
Methacrylonitrile
Concen: 70.984 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	63.0	46.2	69.4	
67	79.6	57.7	86.5	
52	33.1	24.7	37.1	

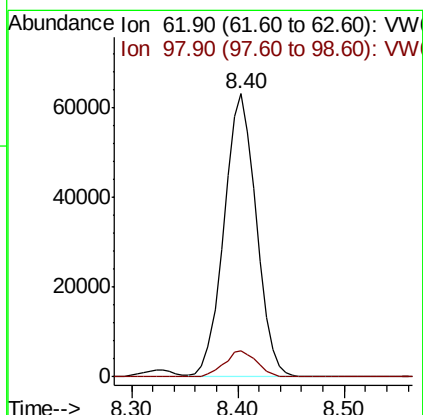
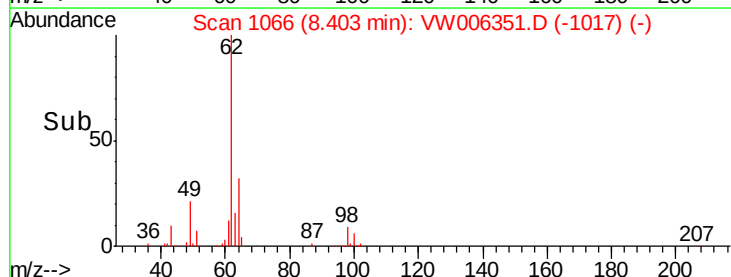
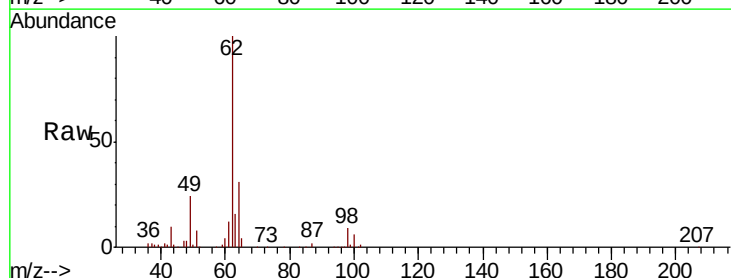
Manual Integrations
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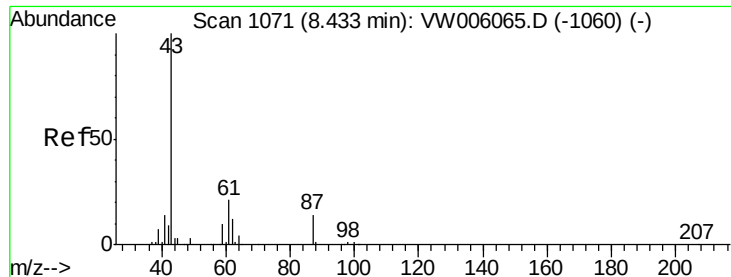
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#42
1,2-Dichloroethane
Concen: 71.373 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	18.4	





#43

Isopropyl Acetate

Concen: 50.262 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

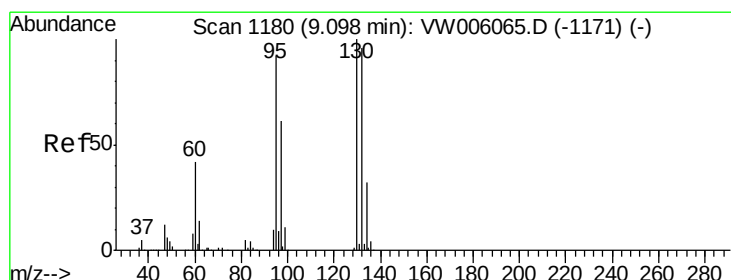
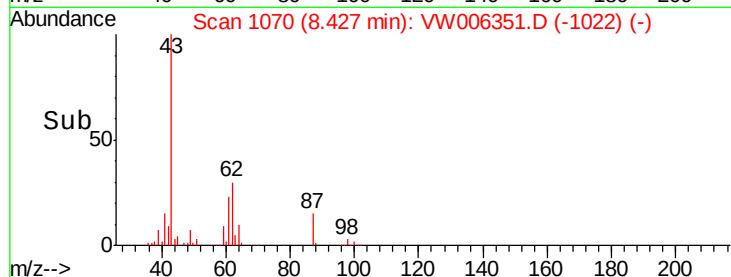
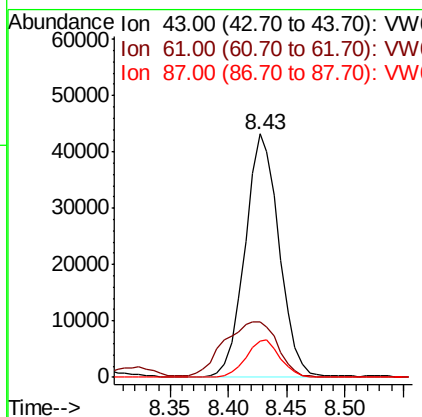
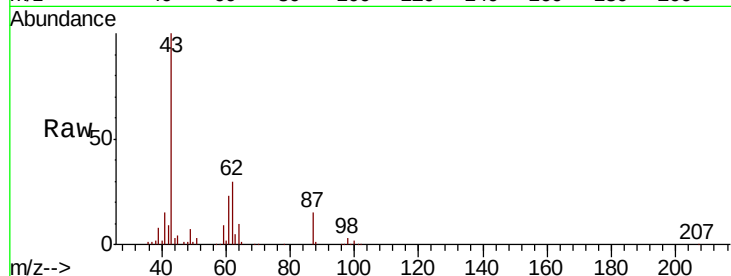
ClientSampleId :

PA-SB-01BMSD

Tot Ion:	43	Resp:	88394
Ion	Ratio	Lower	Upper
43	100		
61	35.9	25.5	38.3
87	15.3	11.7	17.5

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#44

Trichloroethene

Concen: 50.247 ug/l

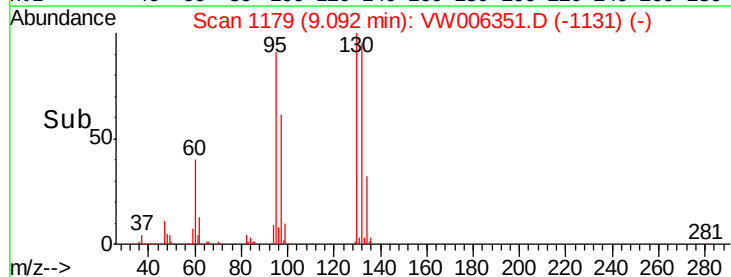
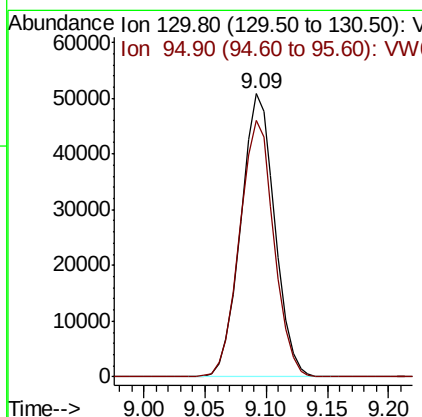
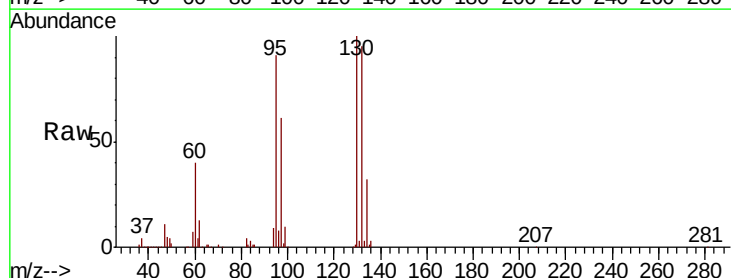
RT: 9.09 min Scan# 1179

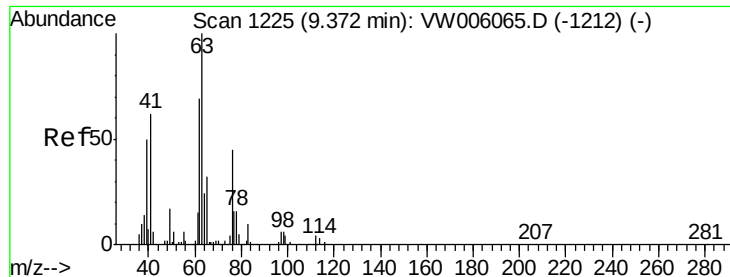
Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Tgt Ion:	130	Resp:	97896
Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	183.2





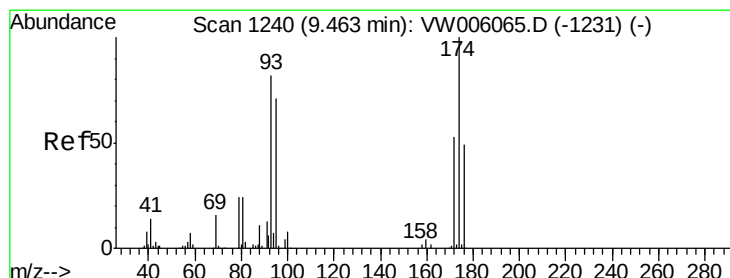
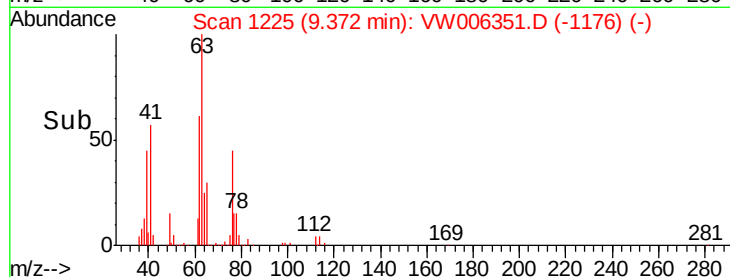
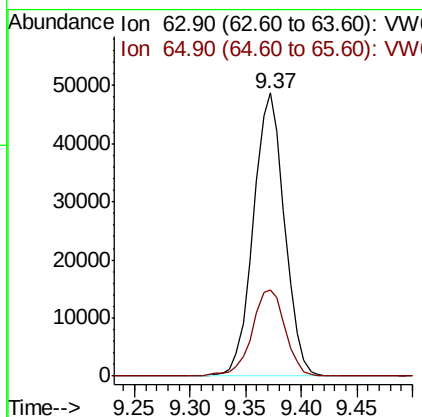
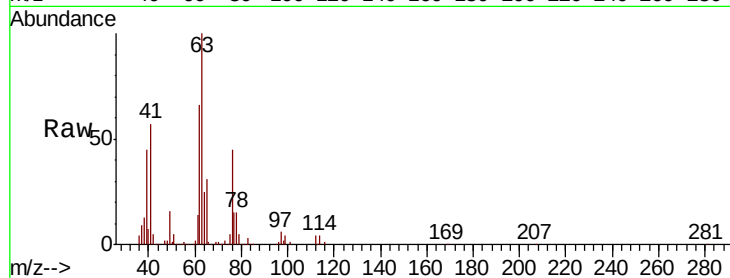
#45
 1,2-Dichloropropane
 Concen: 62.514 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.4	38.0

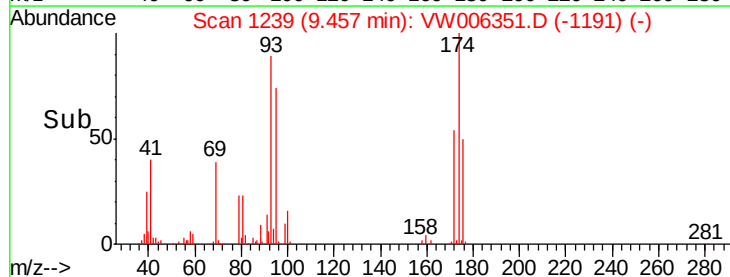
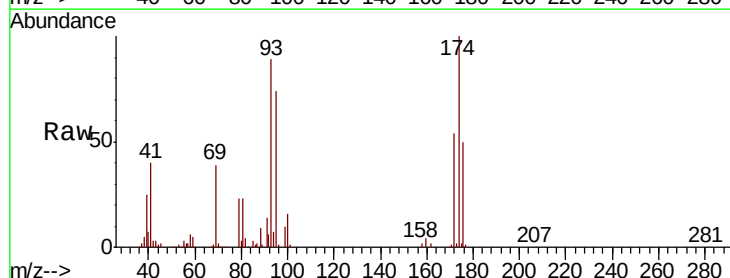
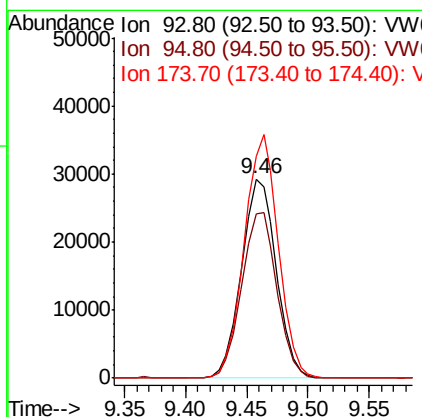
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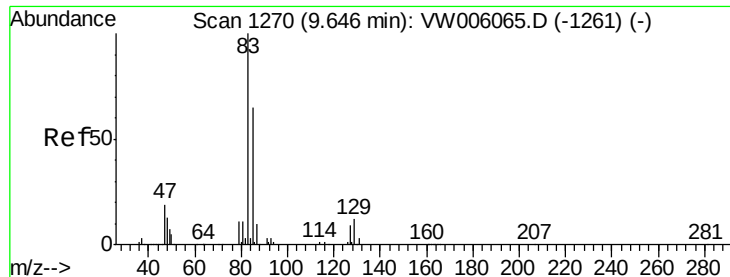
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#46
 Dibromomethane
 Concen: 66.610 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	67.7	101.5
174	120.0	93.7	140.5





#47

Bromodichloromethane

Concen: 58.420 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

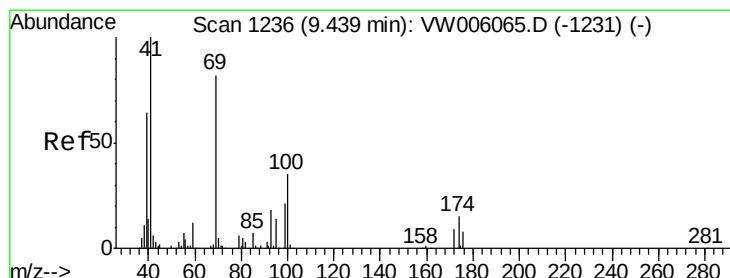
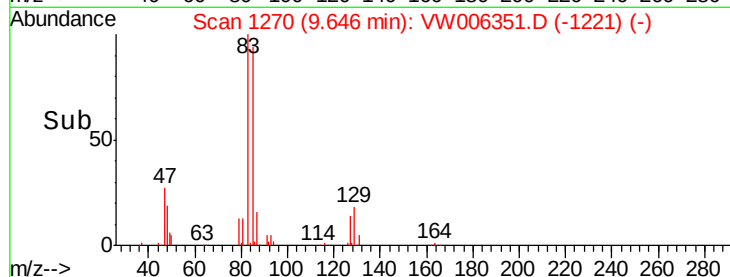
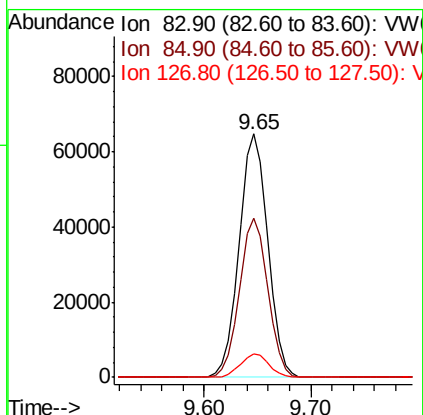
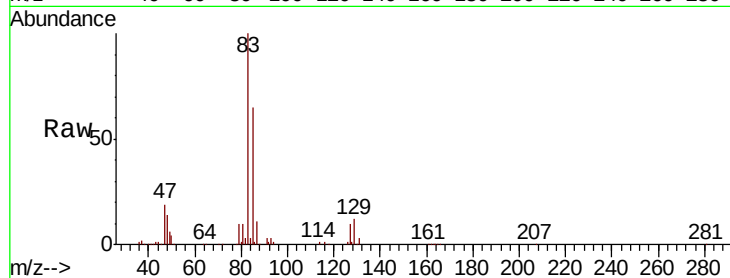
ClientSampleId :

PA-SB-01BMSD

Tot Ion:	83	Resp:	122673
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.8
127	9.5	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 86.549 ug/l

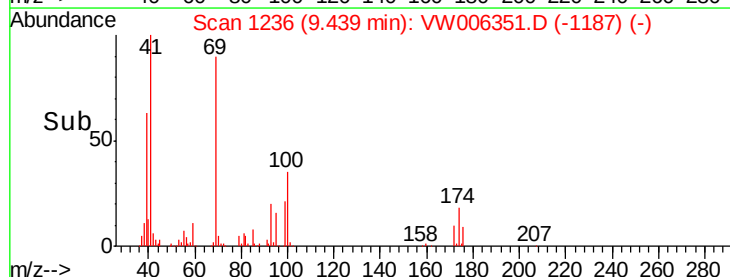
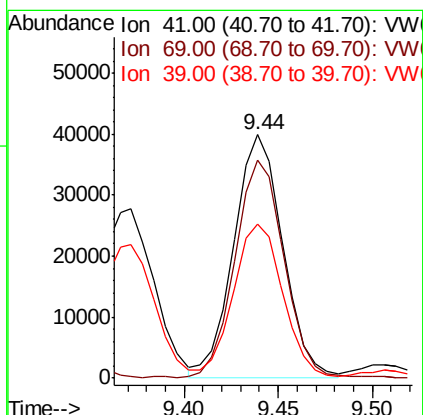
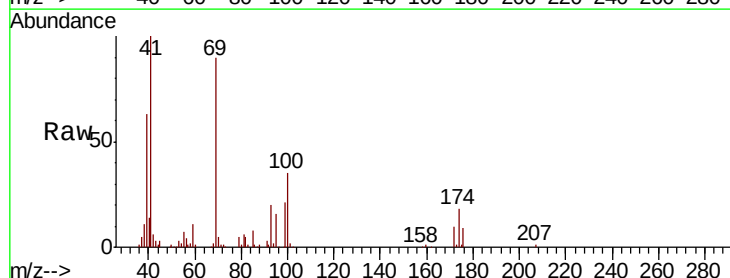
RT: 9.44 min Scan# 1236

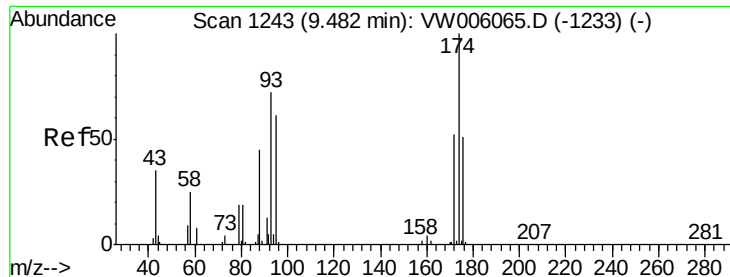
Delta R.T. 0.00 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Tgt Ion:	41	Resp:	72150
Ion	Ratio	Lower	Upper
41	100		
69	90.1	71.8	107.8
39	63.8	52.5	78.7





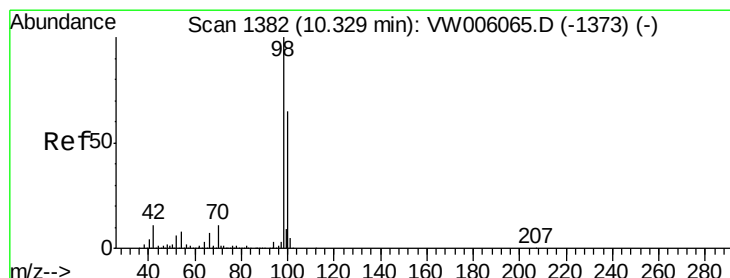
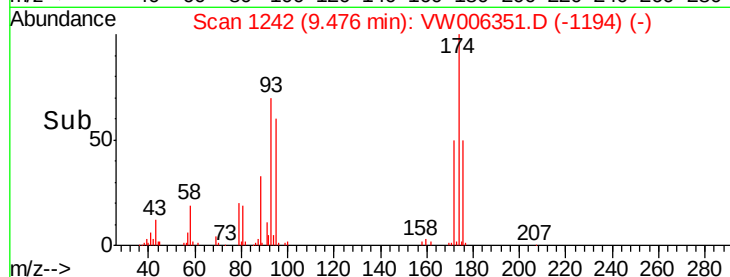
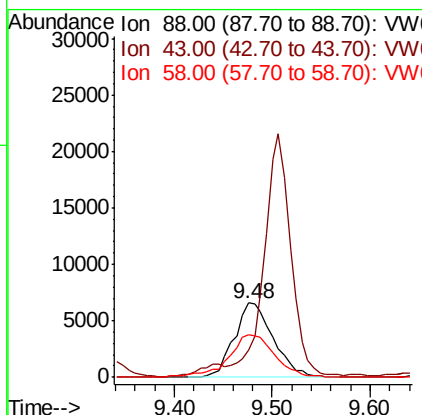
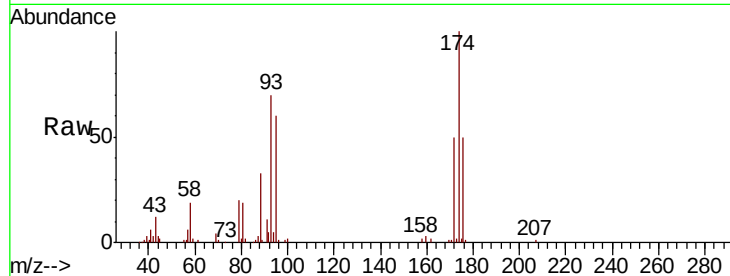
#49
1,4-Dioxane
Concen: 1364.996 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	67.4	51.2	76.8

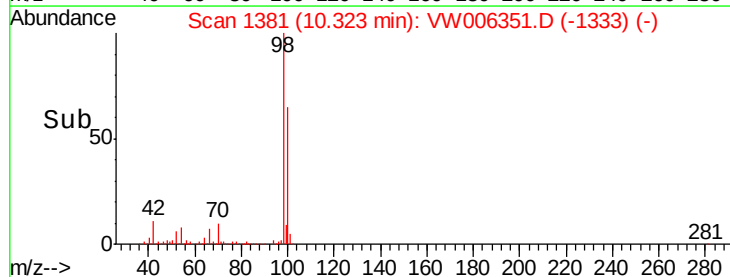
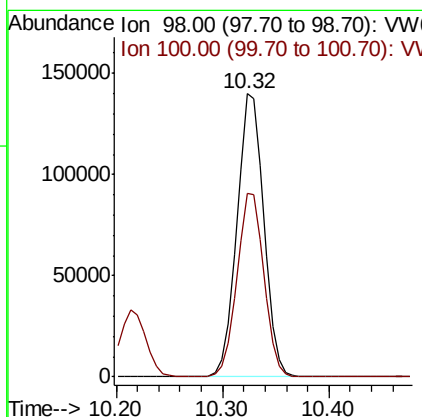
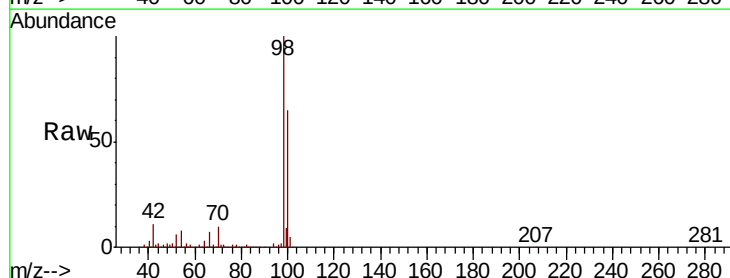
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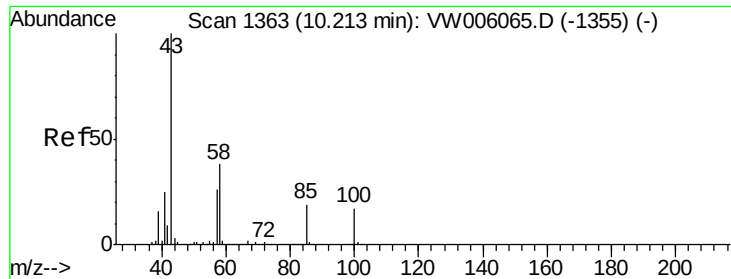
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#50
Toluene-d8
Concen: 43.992 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.6	77.4





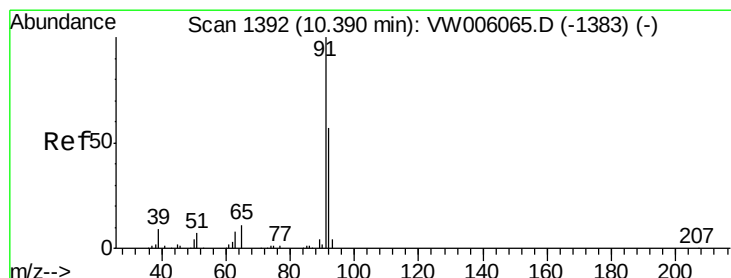
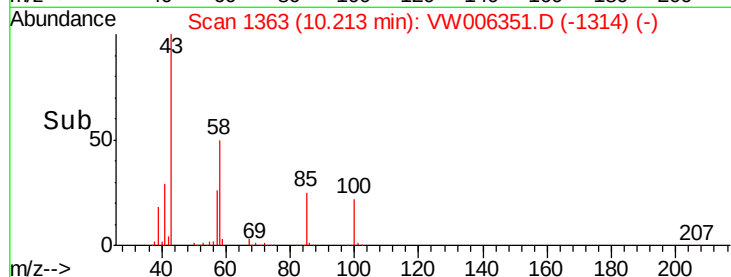
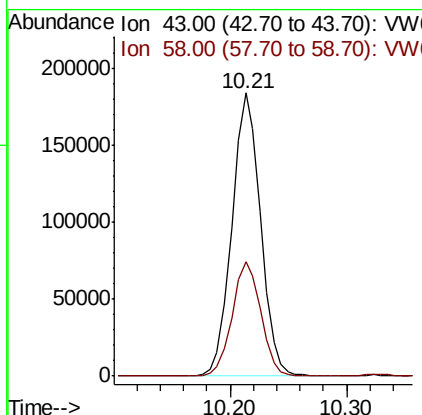
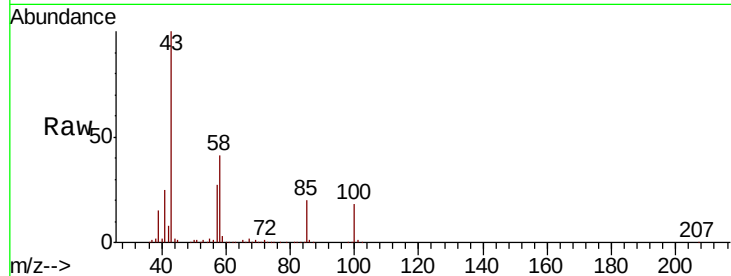
#51
4-Methyl-2-Pentanone
Concen: 355.577 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion: 43 Resp: 313320
Ion Ratio Lower Upper
43 100
58 40.8 31.5 47.3

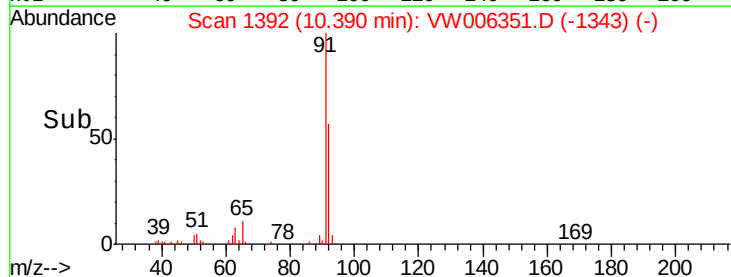
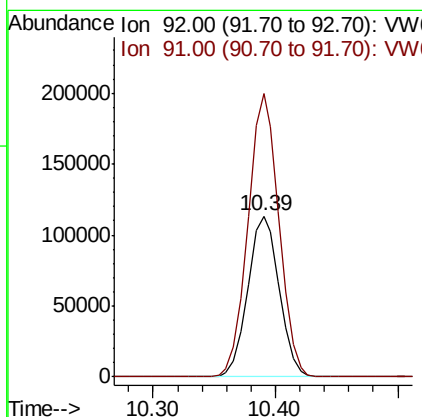
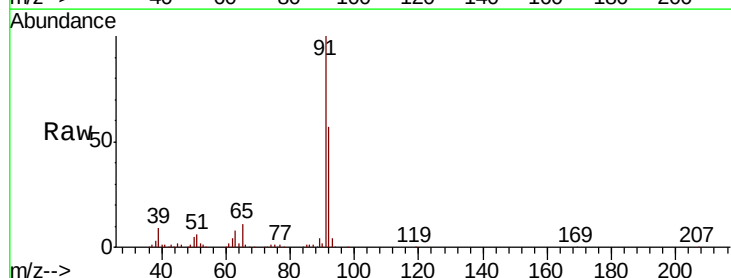
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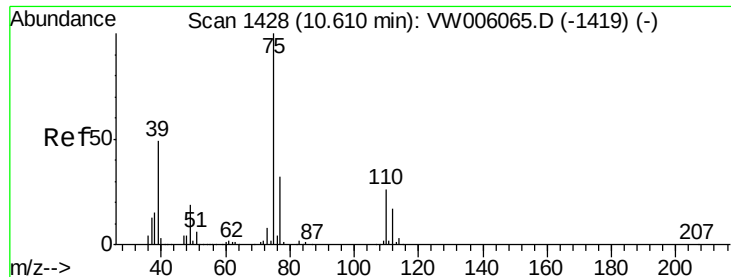
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#52
Toluene
Concen: 47.291 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion: 92 Resp: 201339
Ion Ratio Lower Upper
92 100
91 173.9 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 53.622 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMSD

Tot Ion: 75 Resp: 112182

Ion Ratio Lower Upper

75 100

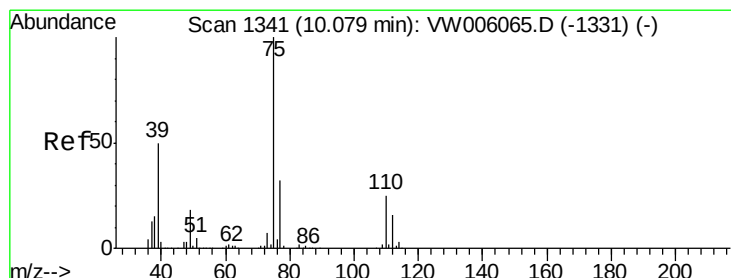
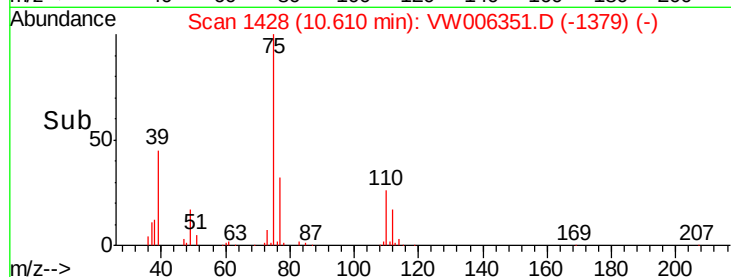
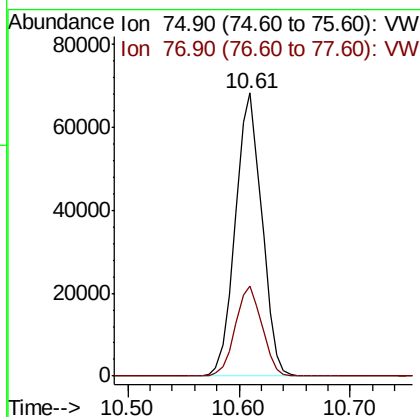
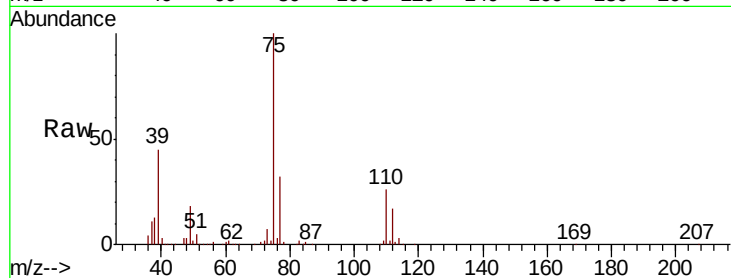
77 32.0 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 56.539 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

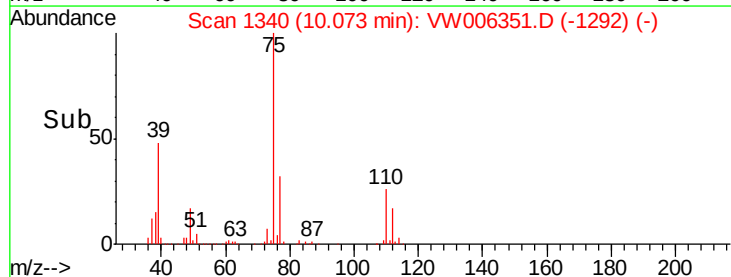
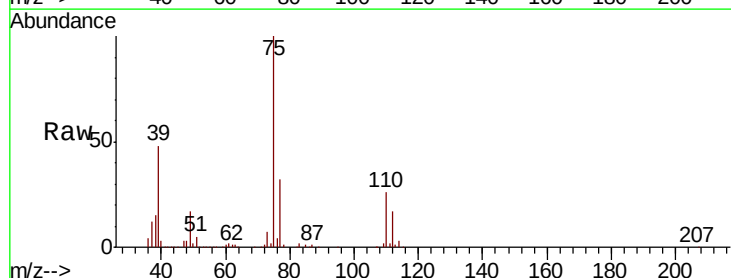
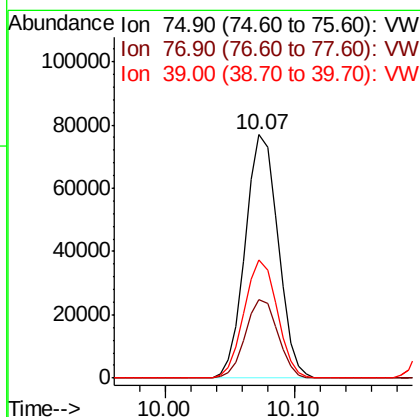
Tgt Ion: 75 Resp: 135756

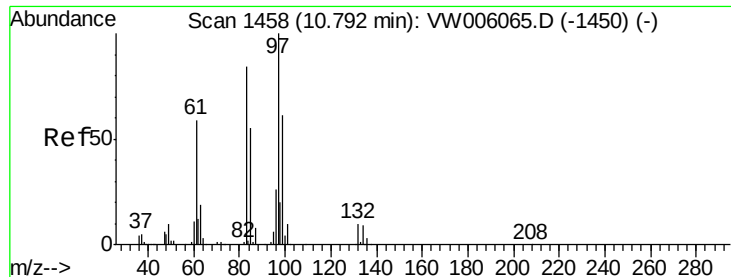
Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

39 48.3 39.9 59.9





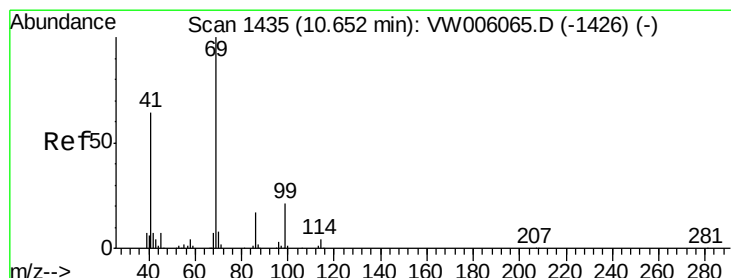
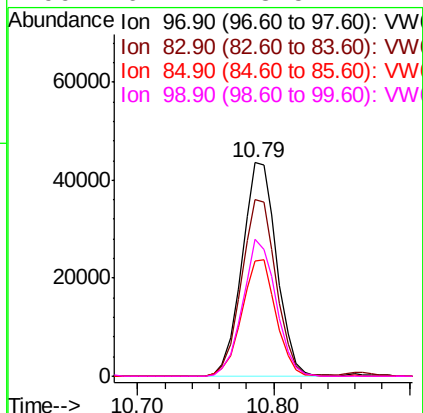
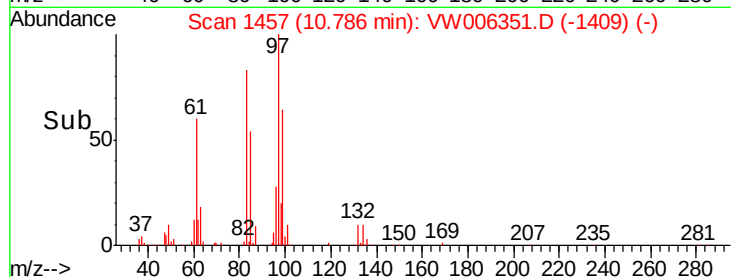
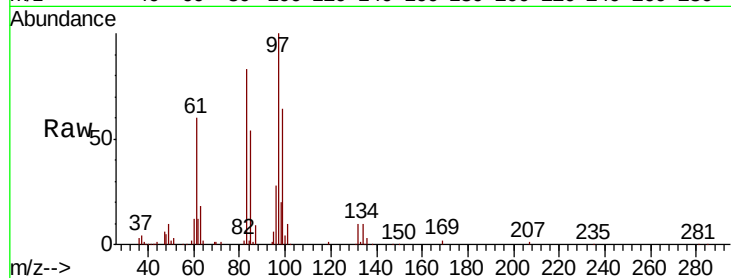
#55
 1,1,2-Trichloroethane
 Concen: 64.120 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		77715		
83	83.0	67.2	100.8		
85	54.1	43.7	65.5		
99	64.1	48.5	72.7		

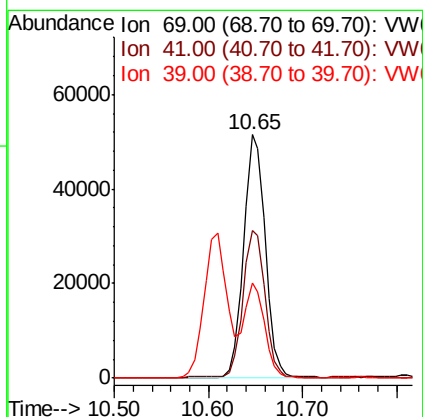
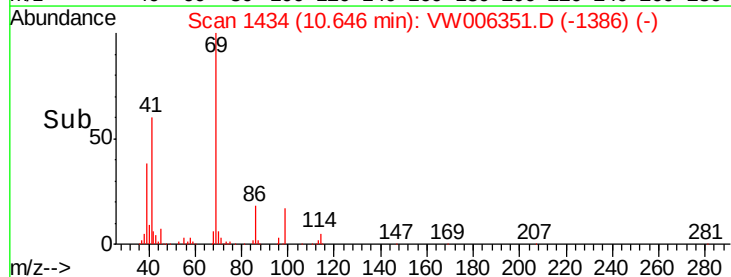
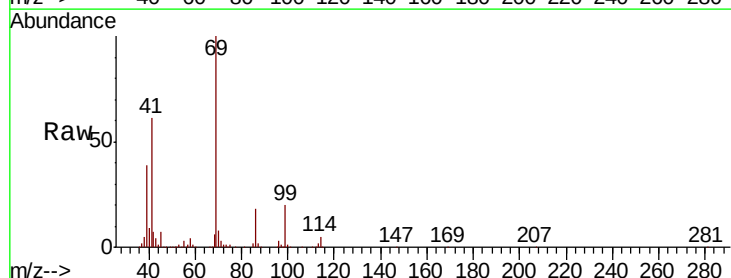
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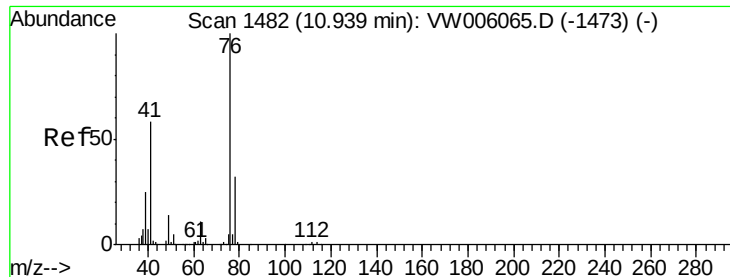
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#56
 Ethyl methacrylate
 Concen: 55.427 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		82356		
41	61.4	52.8	79.2		
39	37.8	30.6	45.8		





#57

1,3-Dichloropropane

Concen: 62.266 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMSD

Tot Ion: 76 Resp: 124929

Ion Ratio Lower Upper

76 100

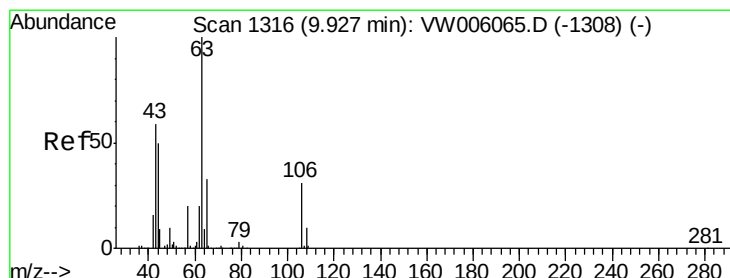
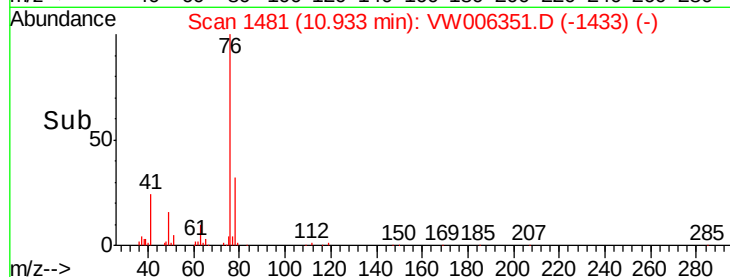
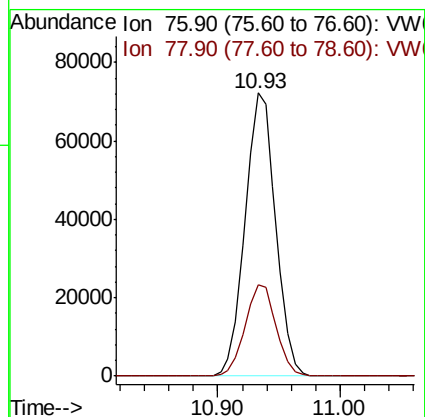
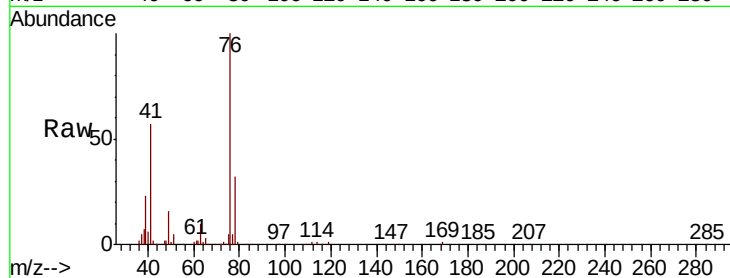
78 32.7 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 301.458 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006351.D

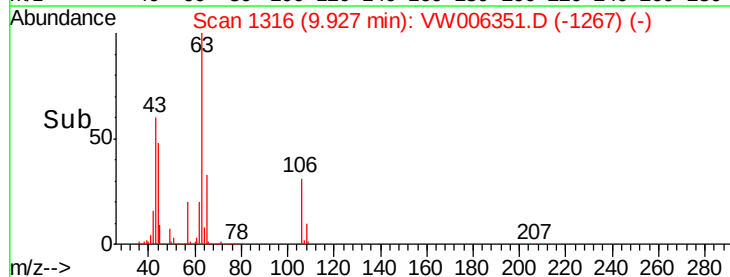
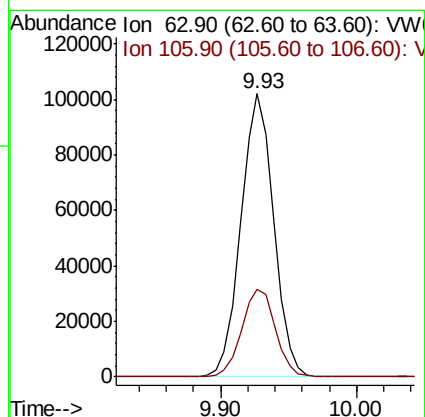
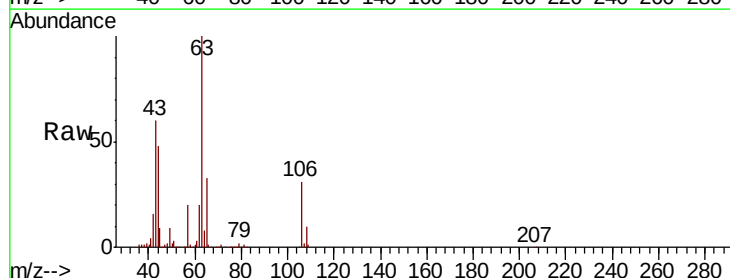
Acq: 25 Oct 2018 07:30

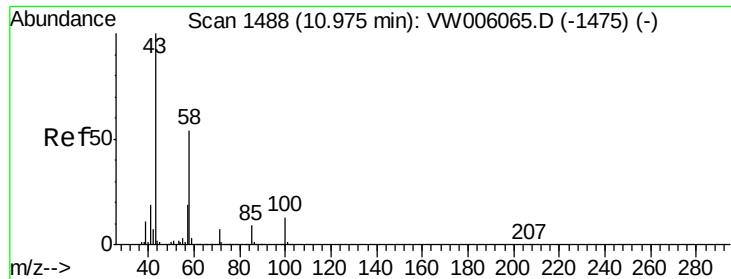
Tgt Ion: 63 Resp: 171154

Ion Ratio Lower Upper

63 100

106 31.8 24.5 36.7





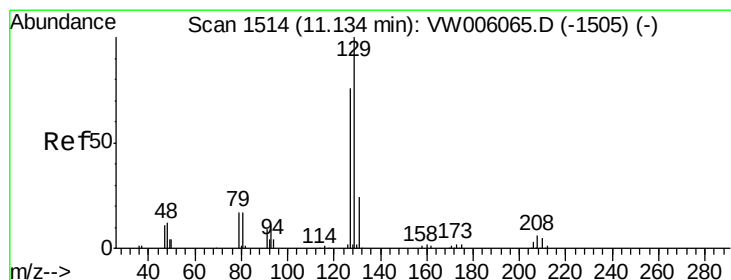
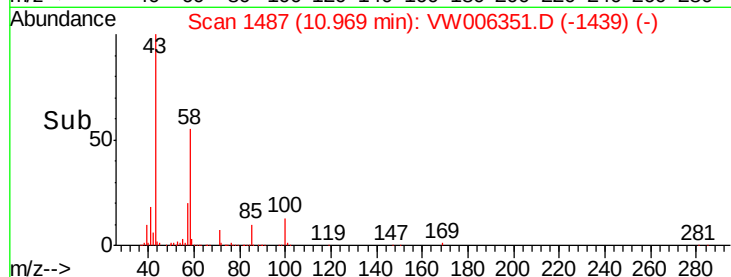
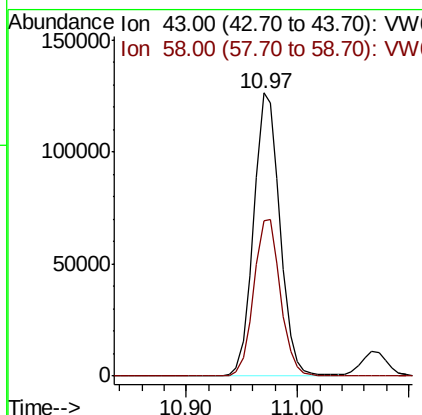
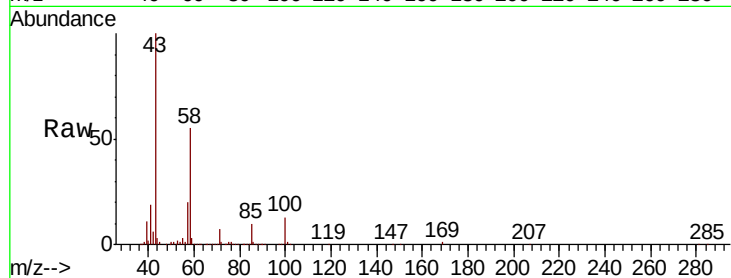
#59
2-Hexanone
Concen: 330.217 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion	43	Resp	207708
Ion Ratio	Lower	Upper	
43	100		
58	56.3	26.9	80.6

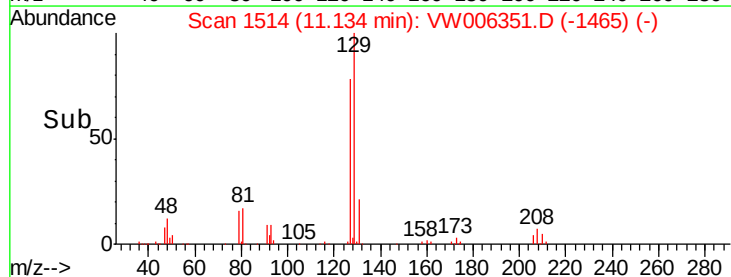
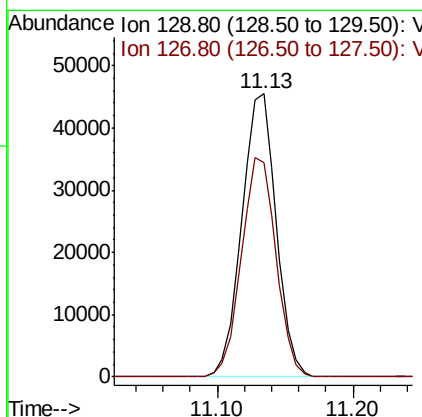
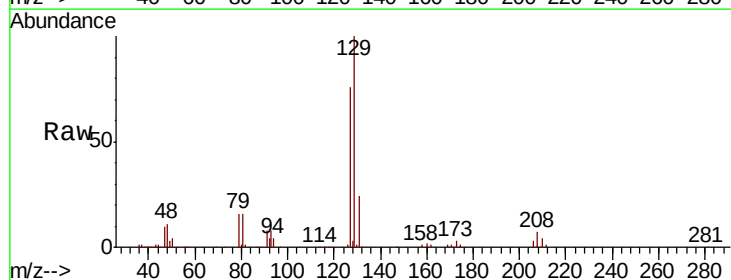
Manual Integrations
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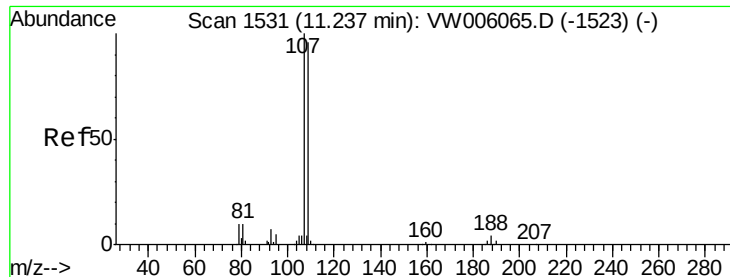
apatel
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#60
Dibromochloromethane
Concen: 53.236 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion	129	Resp	80370
Ion Ratio	Lower	Upper	
129	100		
127	78.1	38.6	115.7





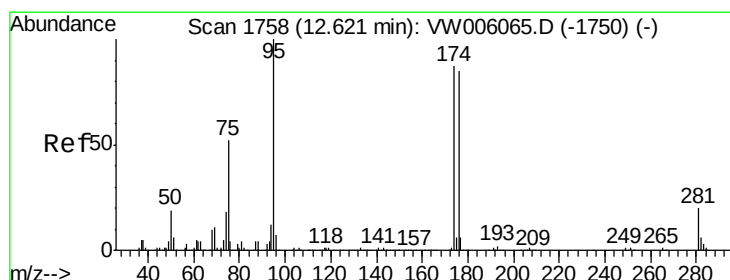
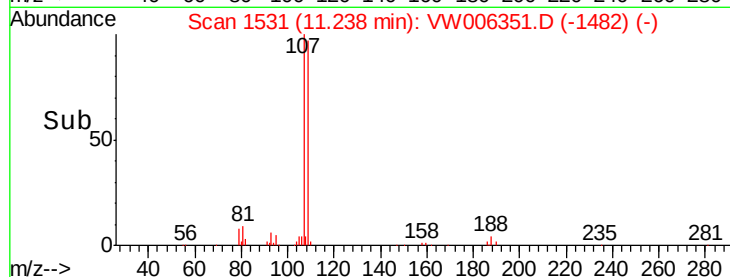
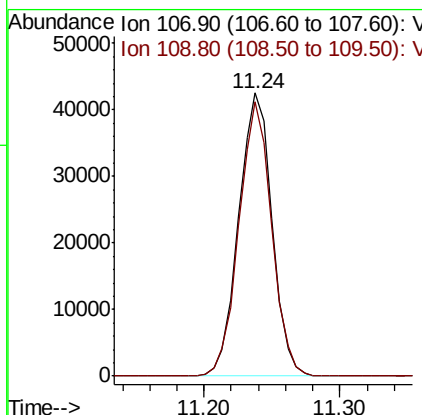
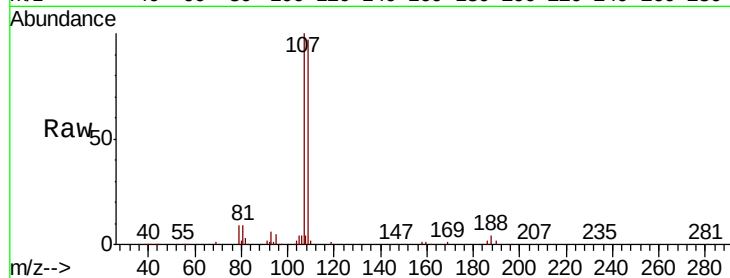
#61
 1,2-Dibromoethane
 Concen: 59.996 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	76.3	114.5

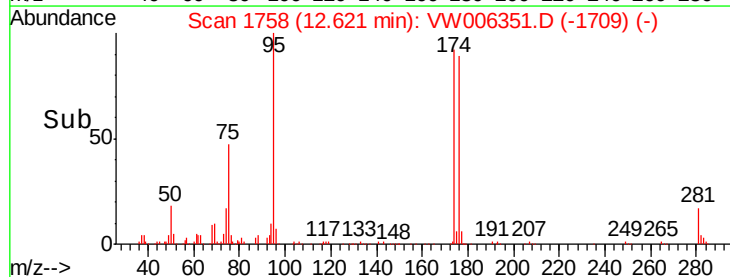
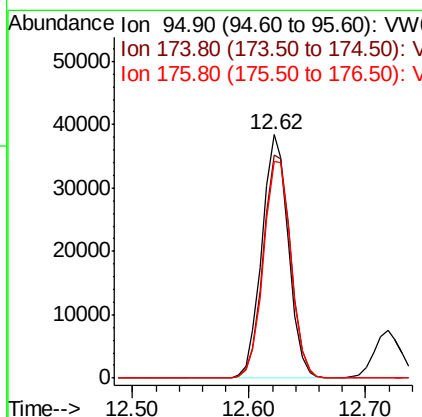
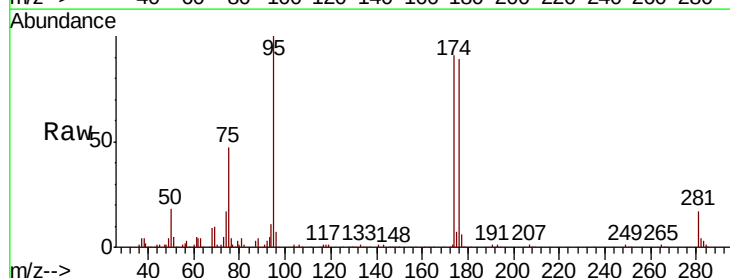
Manual Integrations
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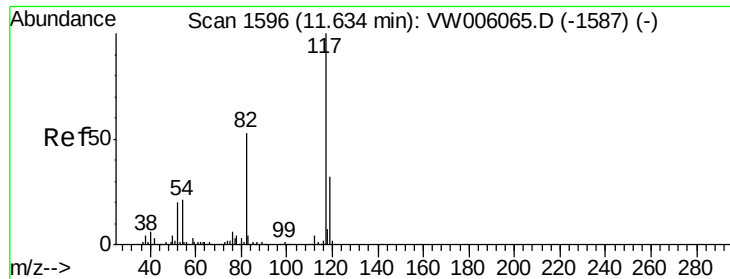
apatel
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#62
 4-Bromofluorobenzene
 Concen: 28.895 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	186.0
176	91.8	0.0	181.6





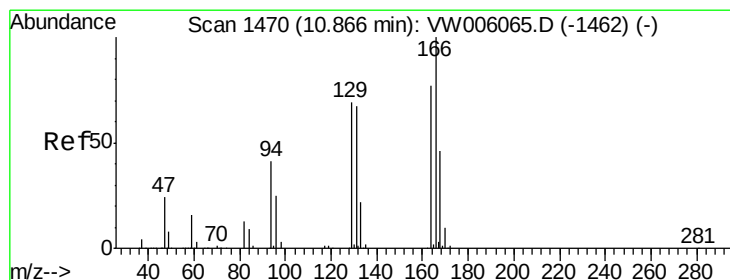
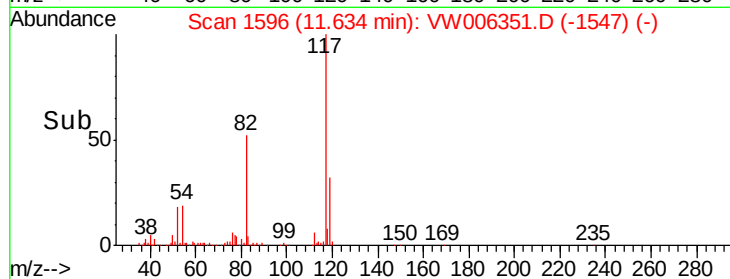
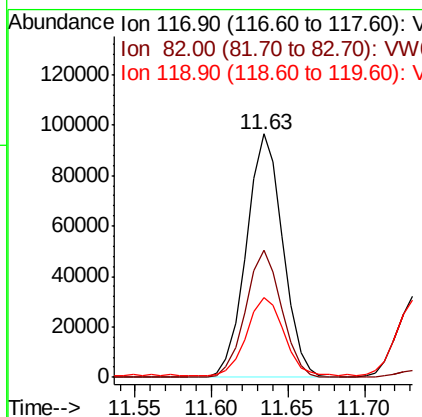
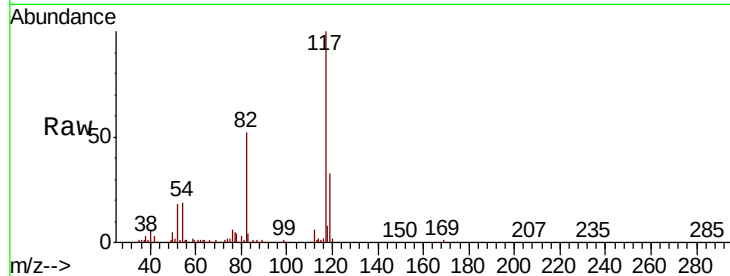
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.1	63.1
119	32.0	25.8	38.6

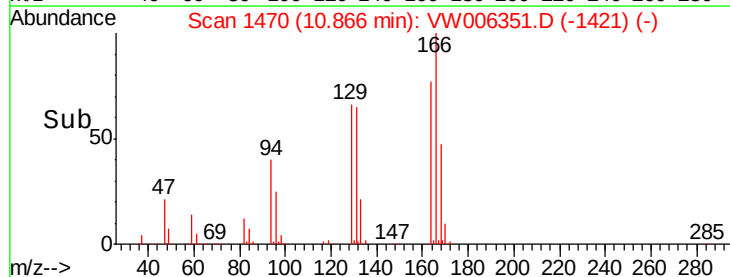
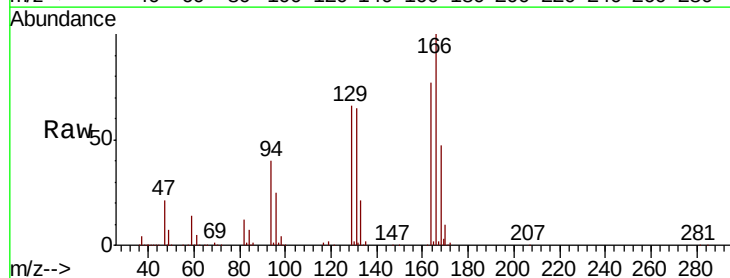
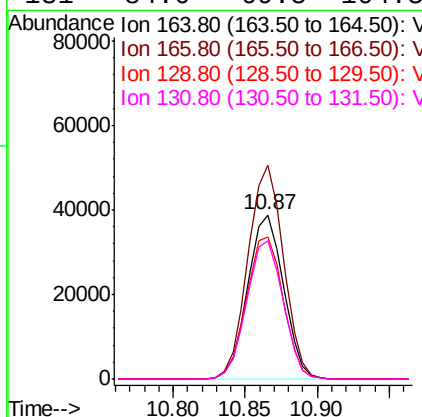
Manual Integrations
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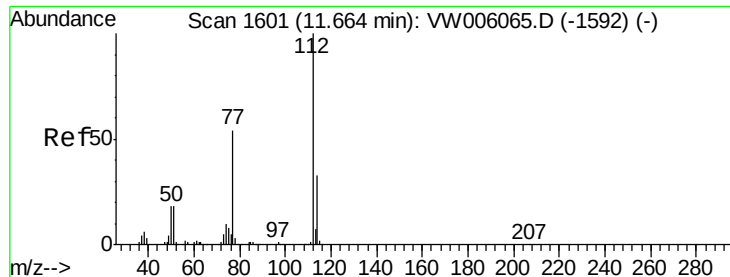
apatel
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#64
Tetrachloroethene
Concen: 53.799 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	103.4	155.0
129	86.4	71.8	107.8
131	84.0	69.5	104.3





#65

Chlorobenzene

Concen: 57.094 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMSD

Tot Ion:112 Resp: 194990

Ion Ratio Lower Upper

112 100

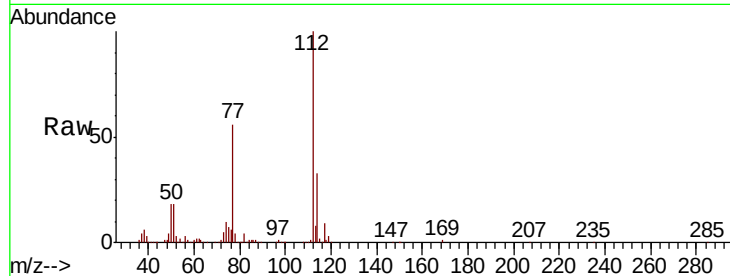
114 32.7 26.2 39.2

Manual Integrations

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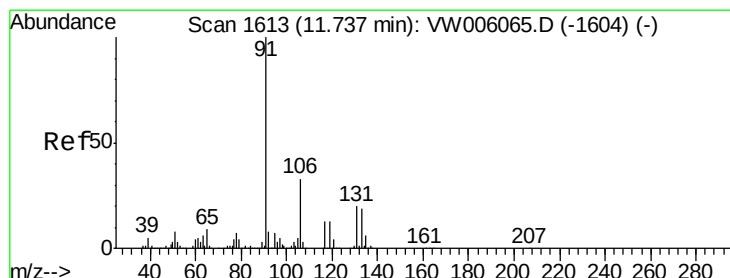
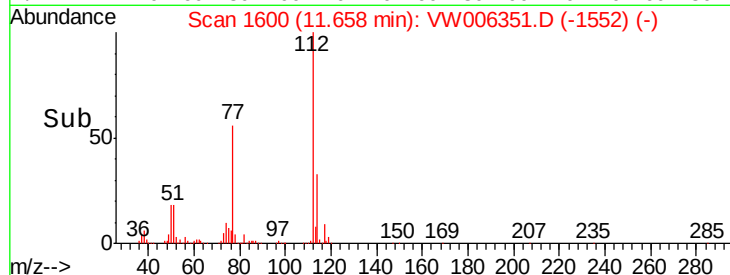
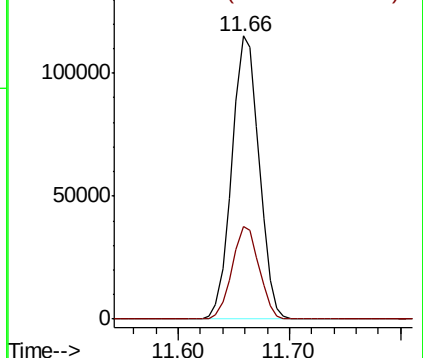
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 67.276 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.01 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

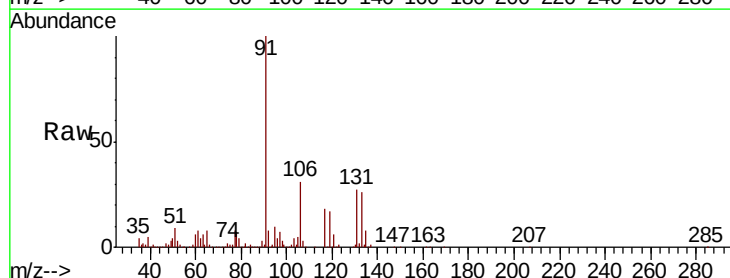
Tgt Ion:131 Resp: 81653

Ion Ratio Lower Upper

131 100

133 96.6 48.1 144.3

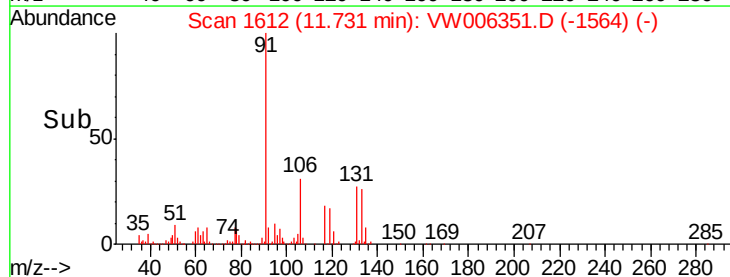
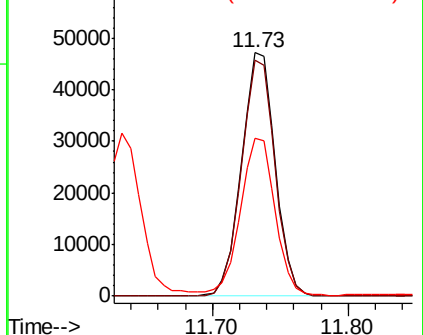
119 66.1 31.6 94.7

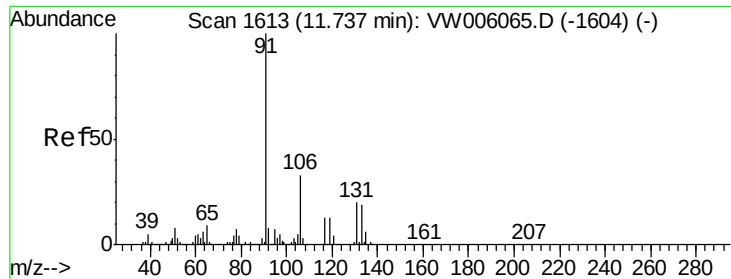


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





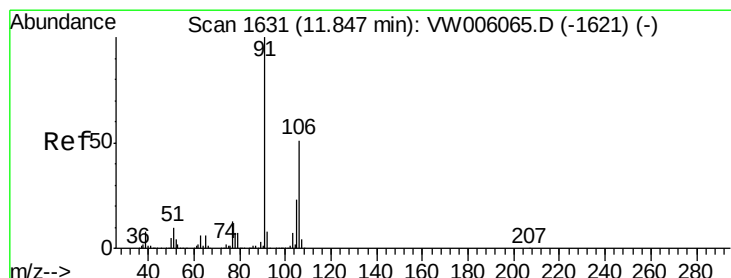
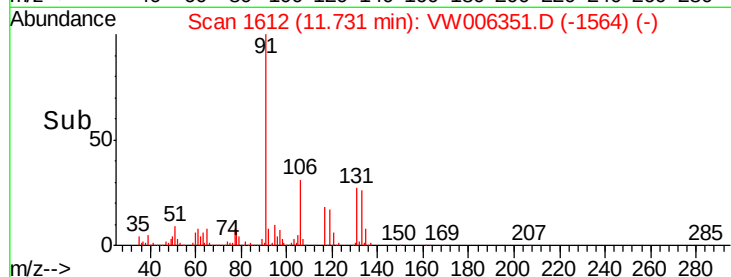
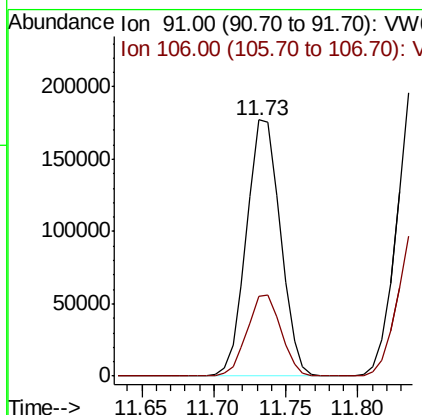
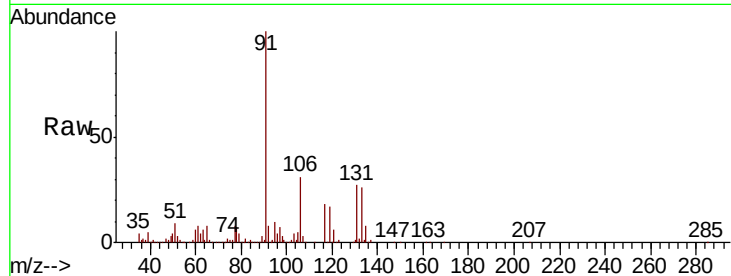
#67
Ethyl Benzene
Concen: 48.902 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion: 91 Resp: 289433
Ion Ratio Lower Upper
91 100
106 31.0 26.1 39.1

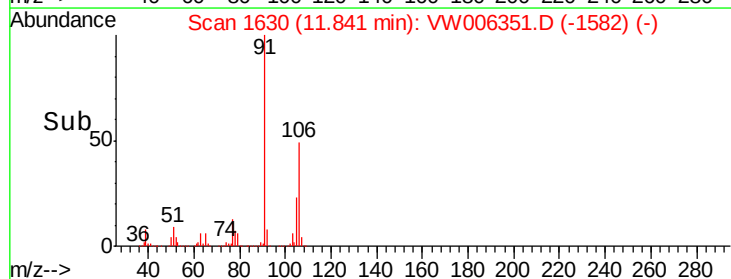
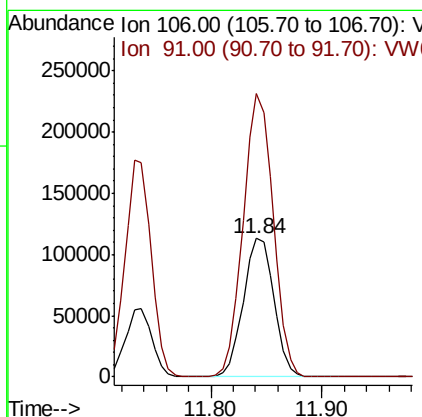
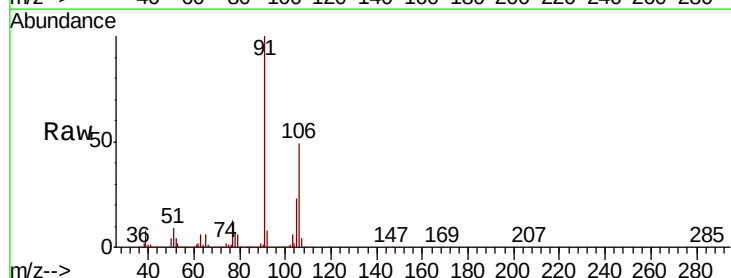
Manual Integrations
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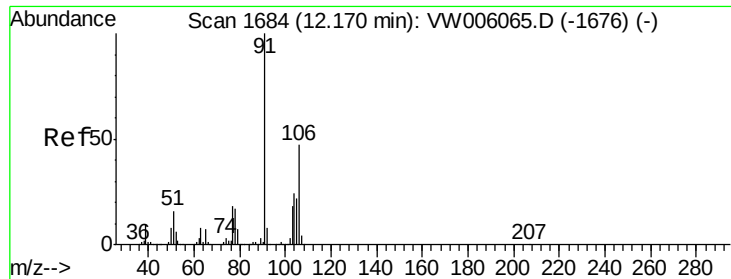
apatel
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#68
m/p-Xylenes
Concen: 92.520 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion: 106 Resp: 216438
Ion Ratio Lower Upper
106 100
91 200.5 159.1 238.7





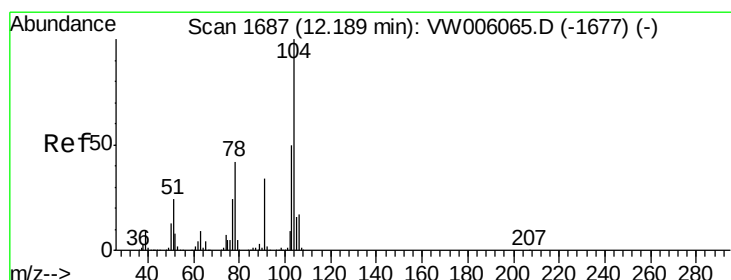
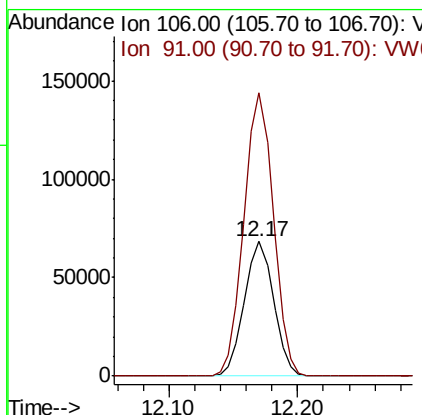
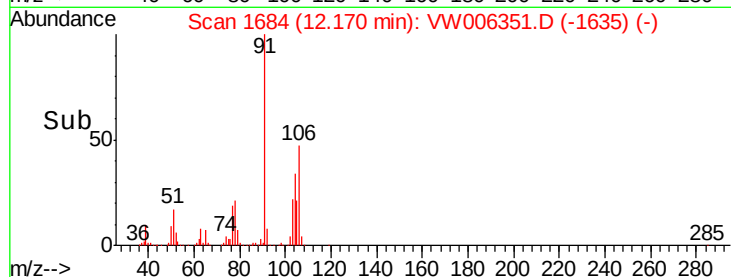
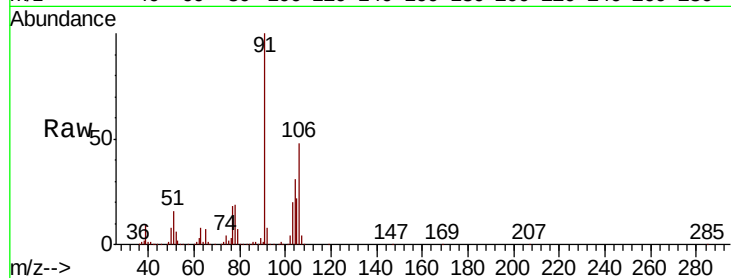
#69
o-Xylene
Concen: 48.479 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	211.3	105.4	316.1		

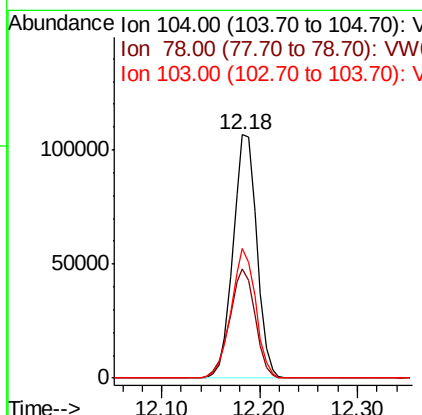
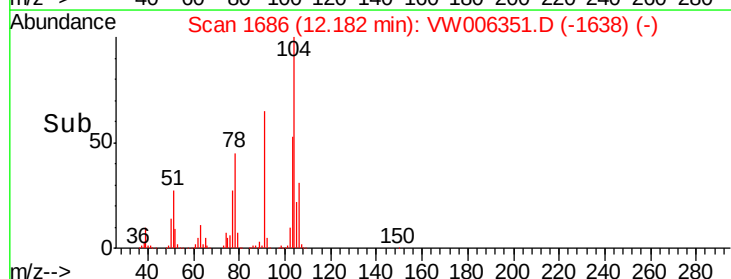
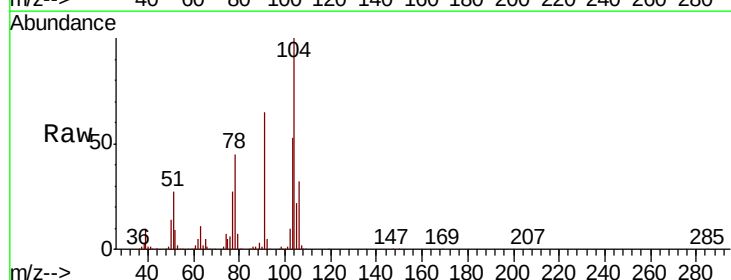
Manual Integrations
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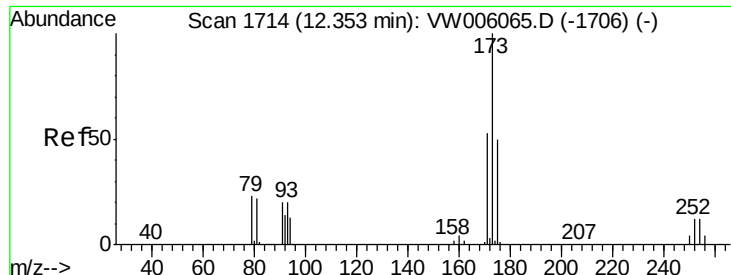
apatel
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#70
Styrene
Concen: 49.672 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.0	39.1	58.7		
103	54.9	44.3	66.5		





#71

Bromoform

Concen: 64.123 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMSD

Tot Ion:173 Resp: 43409

Ion Ratio Lower Upper

173 100

175 49.6 24.2 72.6

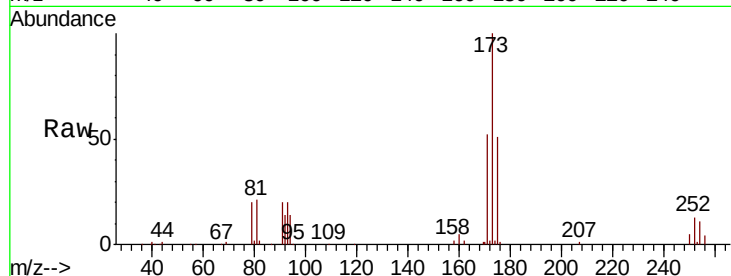
254 0.0 0.1 0.1#

Manual Integrations

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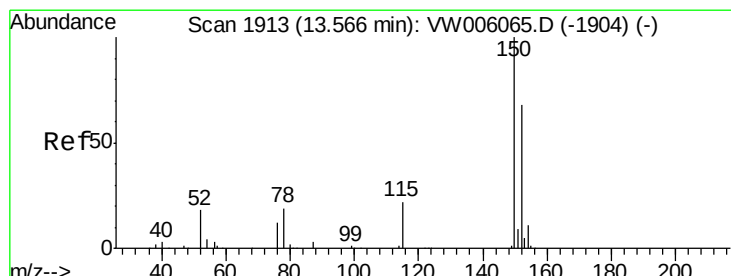
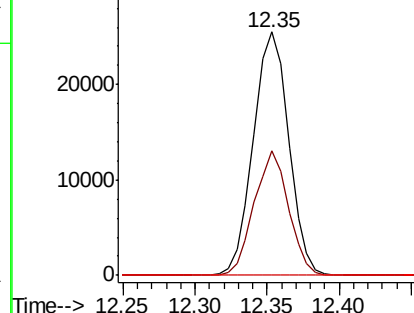
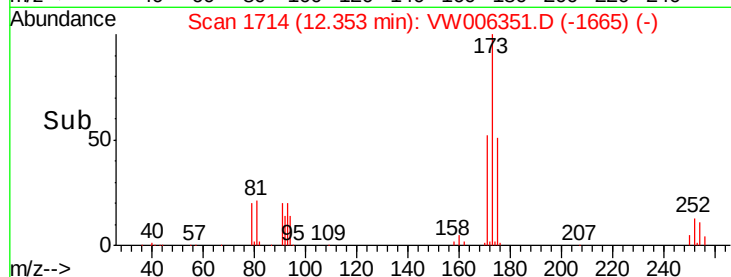
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VW006351.D

Acq: 25 Oct 2018 07:30

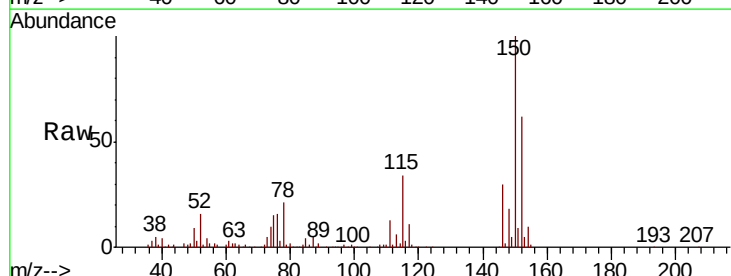
Tgt Ion:152 Resp: 43762

Ion Ratio Lower Upper

152 100

115 54.2 27.8 83.3

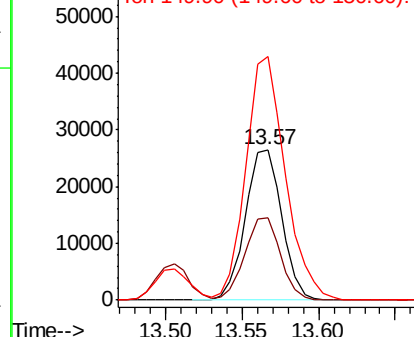
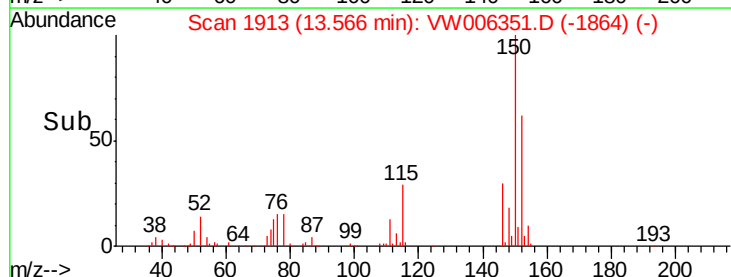
150 175.4 0.0 349.2

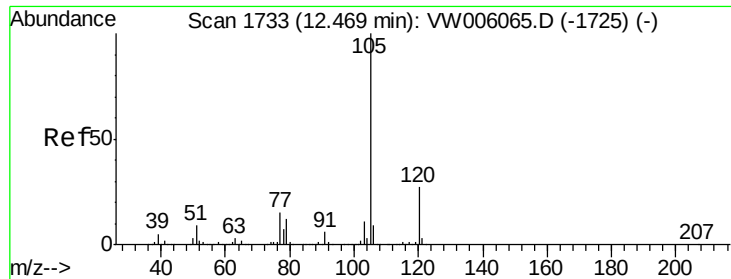


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





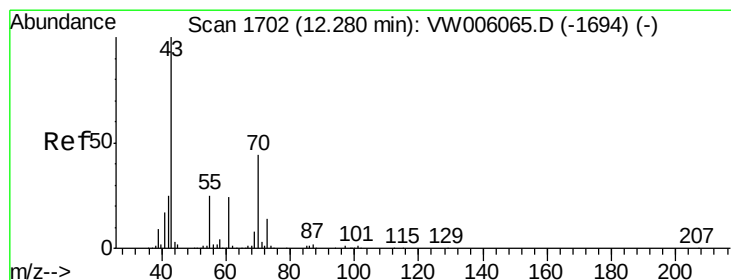
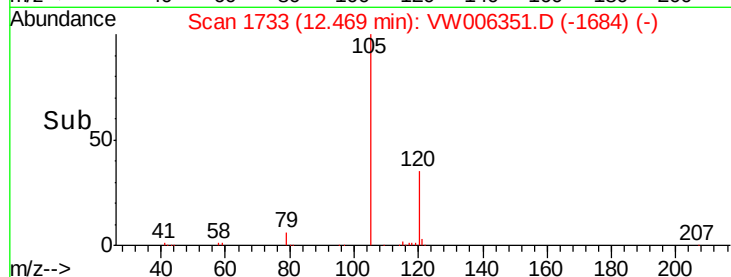
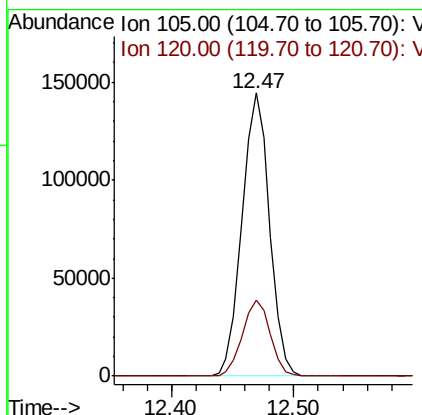
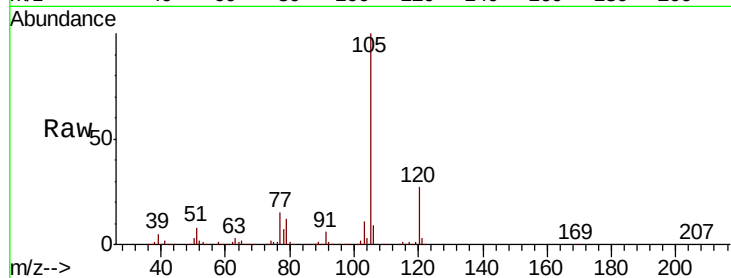
#73
Isopropylbenzene
Concen: 72.842 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.6	40.7

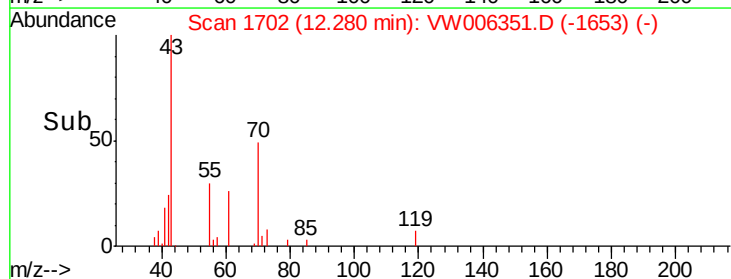
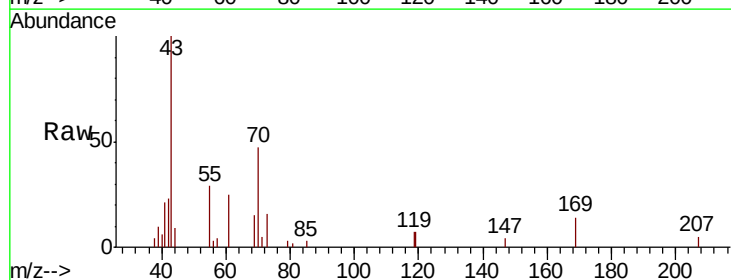
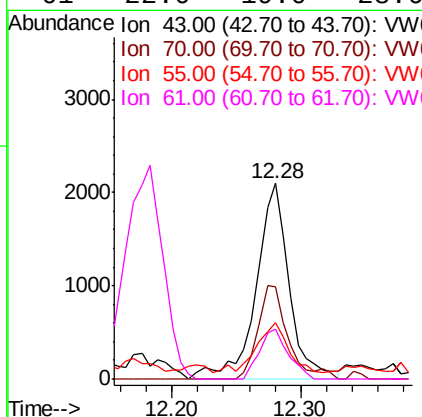
Manual Integrations
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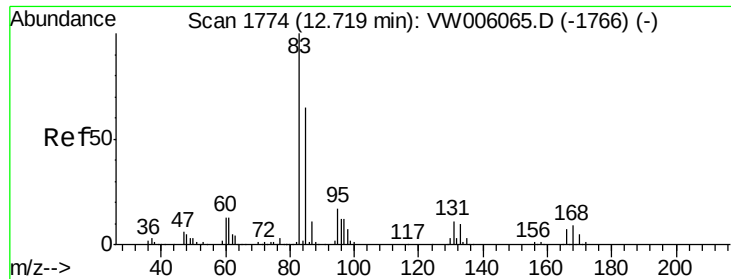
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#74
N-ethyl acetate
Concen: 6.205 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.1	34.2	51.4
55	26.0	19.2	28.8
61	22.0	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 147.674 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

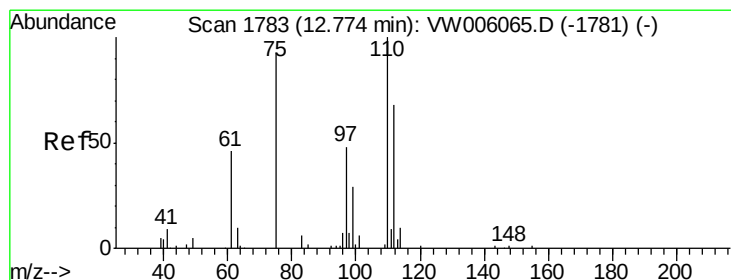
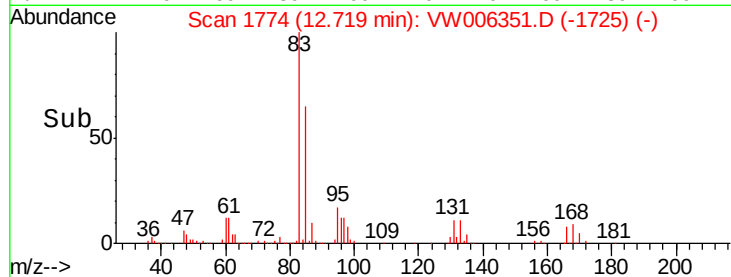
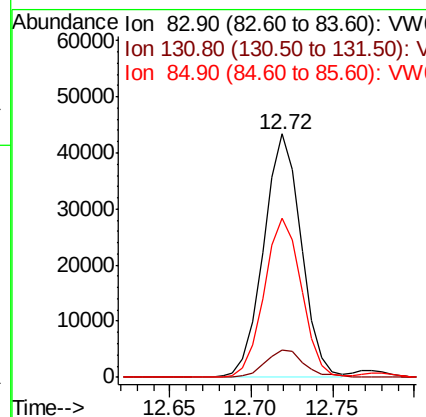
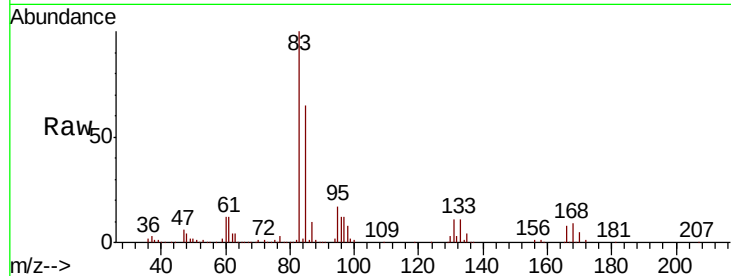
ClientSampleId :

PA-SB-01BMSD

Tot Ion:	83	Resp:	69440
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.7
85	65.1	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 173.227 ug/l m

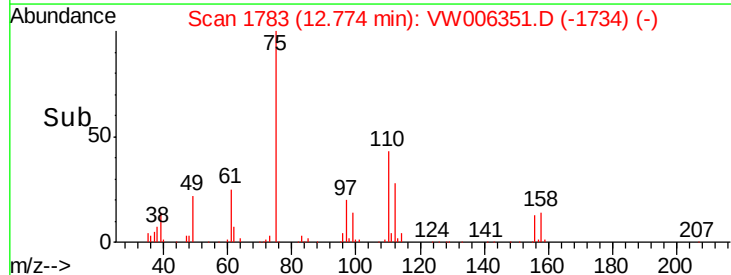
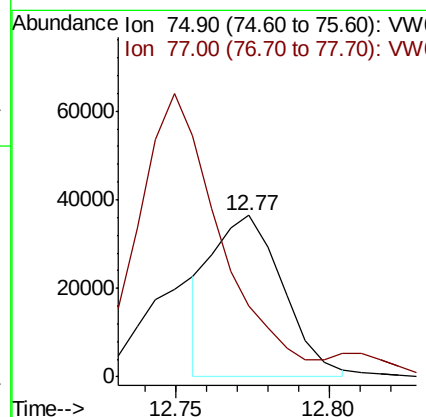
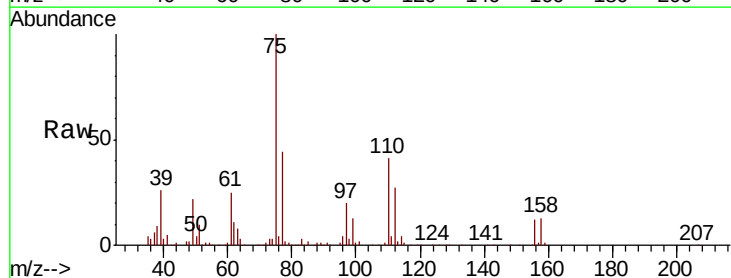
RT: 12.77 min Scan# 1783

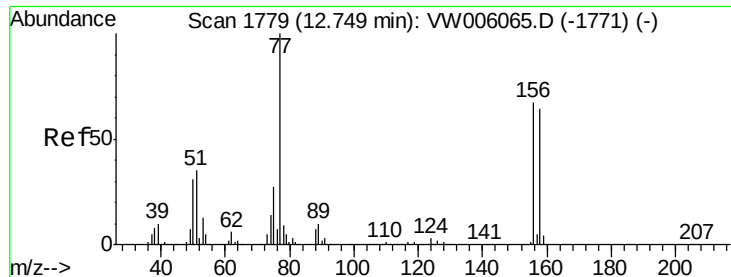
Delta R.T. 0.00 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Tgt Ion:	75	Resp:	57902
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





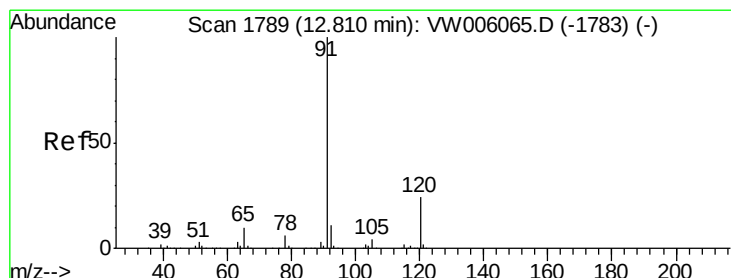
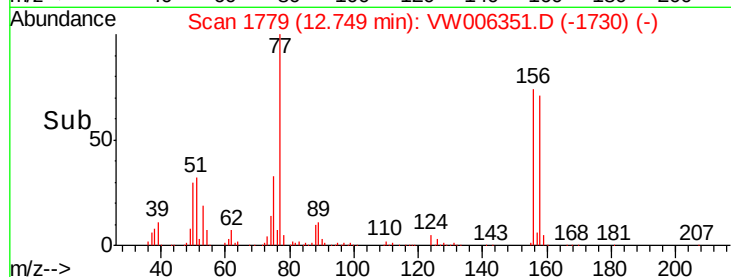
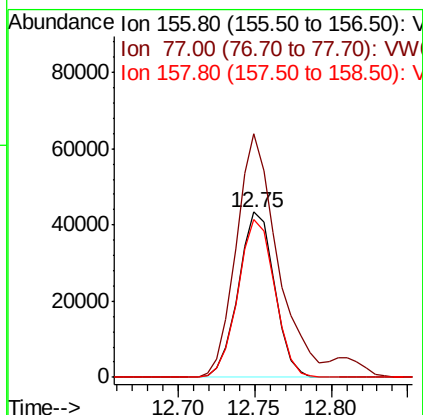
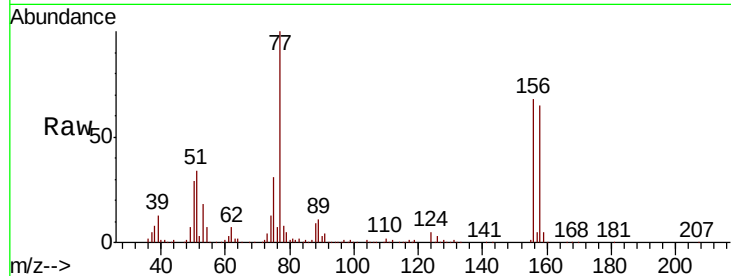
#77
Bromobenzene
Concen: 93.887 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
156	100		
77	170.1	79.1	237.4
158	97.0	48.5	145.6

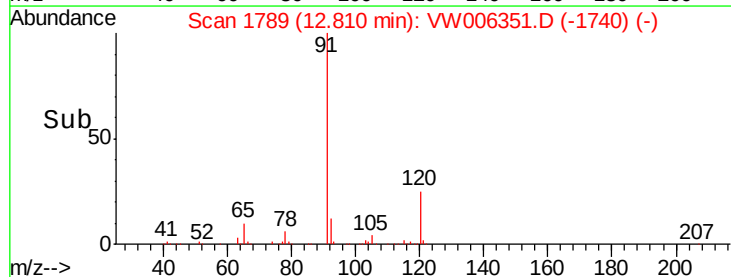
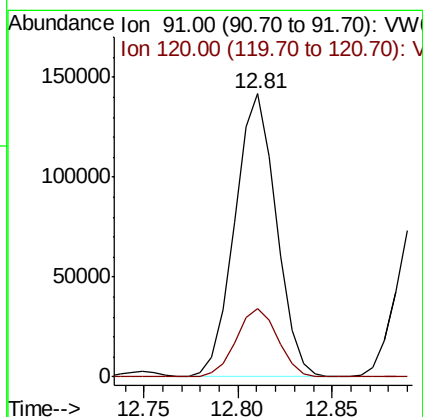
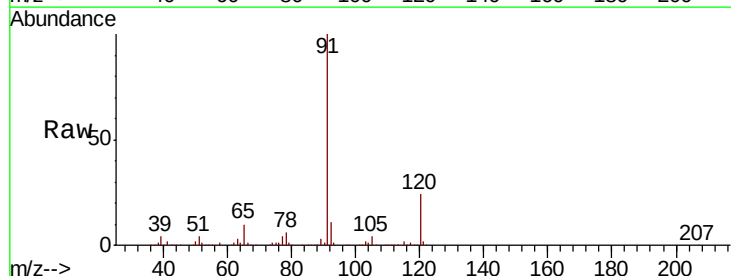
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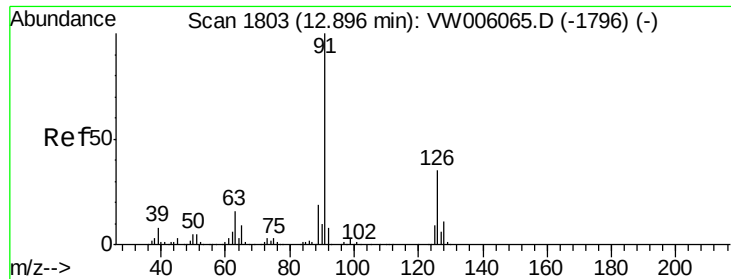
apatel
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#78
n-propylbenzene
Concen: 60.311 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.2	36.6





#79

2-Chlorotoluene

Concen: 69.539 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMSD

Tot Ion: 91 Resp: 140534

Ion Ratio Lower Upper

91 100

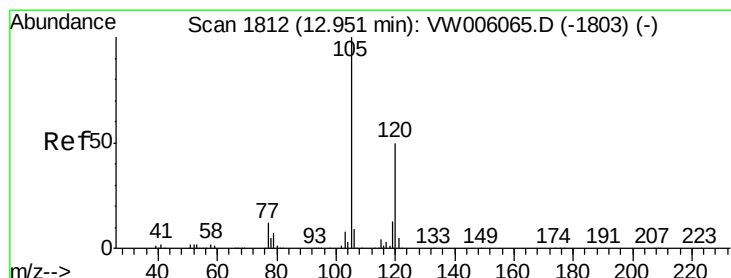
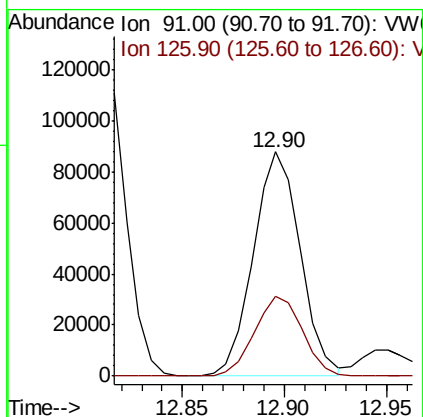
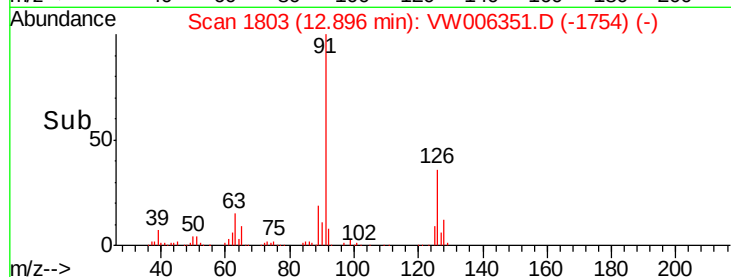
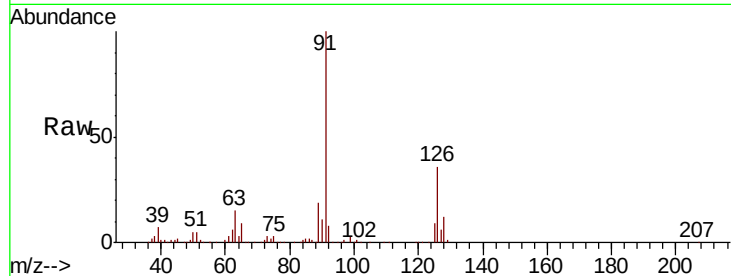
126 36.3 17.9 53.8

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#80

1,3,5-Trimethylbenzene

Concen: 59.894 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006351.D

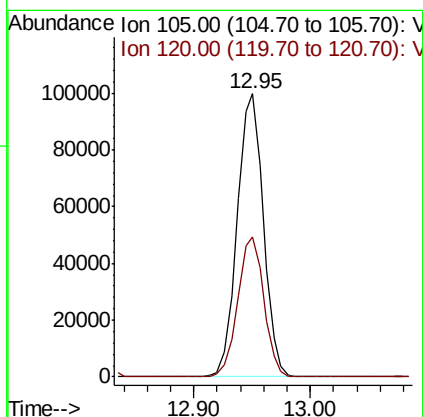
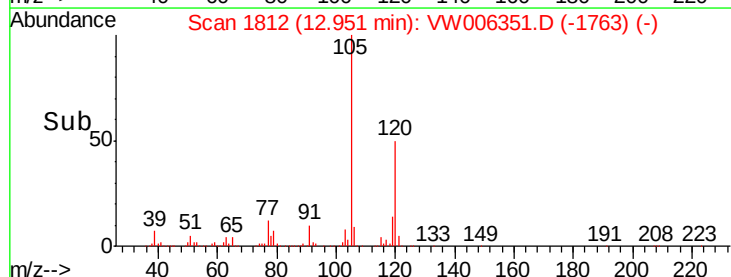
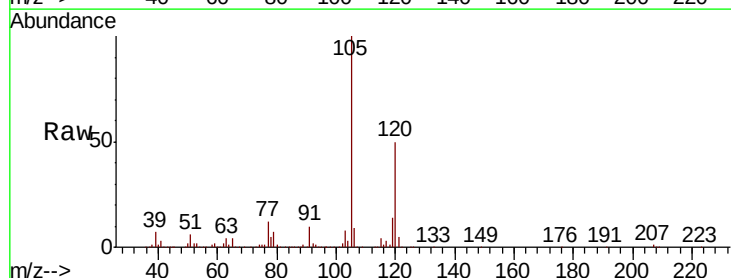
Acq: 25 Oct 2018 07:30

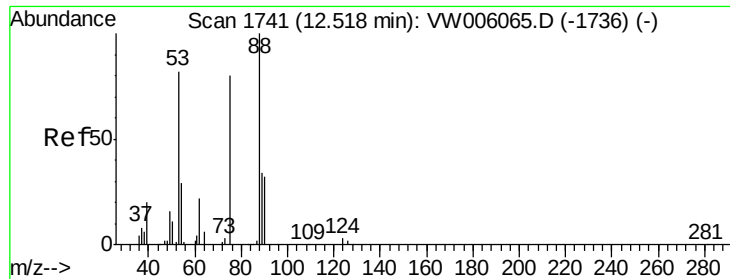
Tgt Ion:105 Resp: 156103

Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 131.257 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Instrument :

MSVOA_W

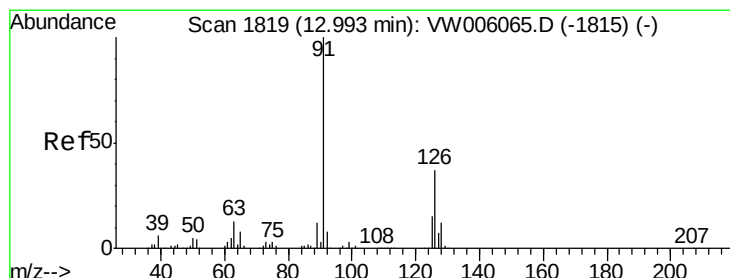
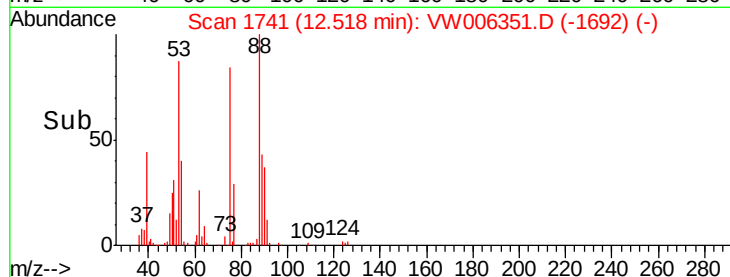
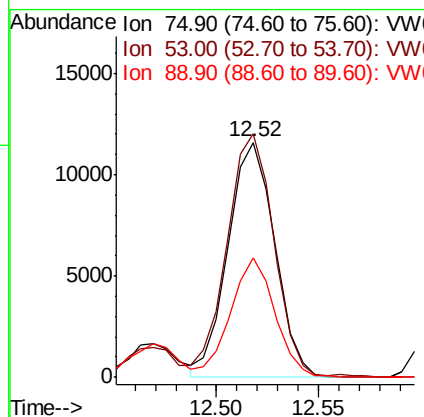
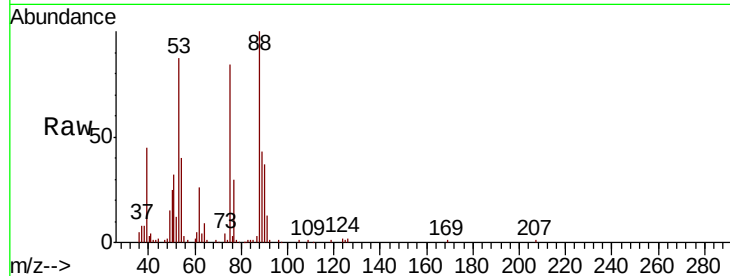
ClientSampleId :

PA-SB-01BMSD

Tot Ion:	75	Resp:	18354
Ion	Ratio	Lower	Upper
75	100		
53	106.3	79.8	119.6
89	48.7	37.5	56.3

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#82

4-Chlorotoluene

Concen: 67.032 ug/l

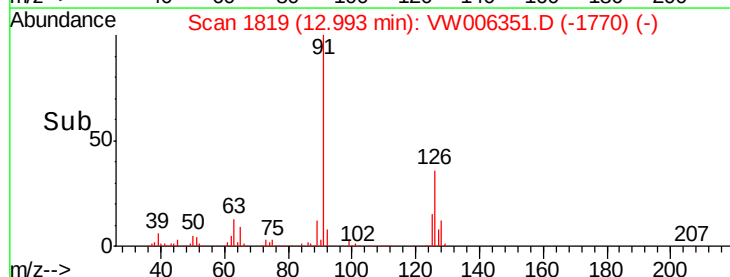
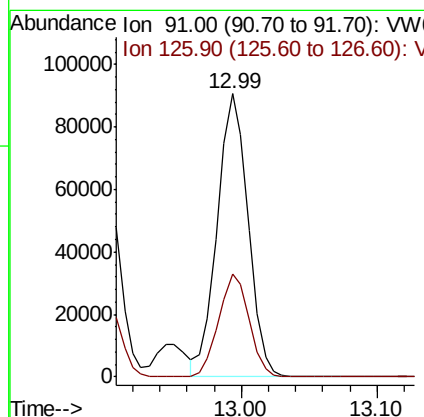
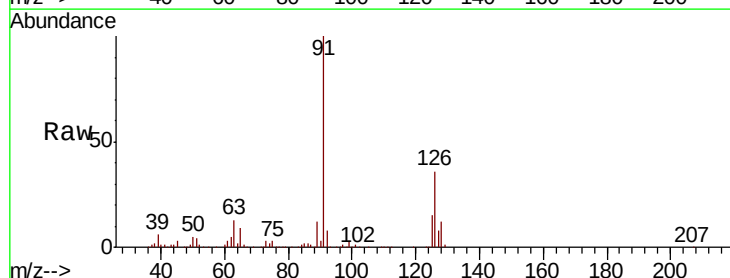
RT: 12.99 min Scan# 1819

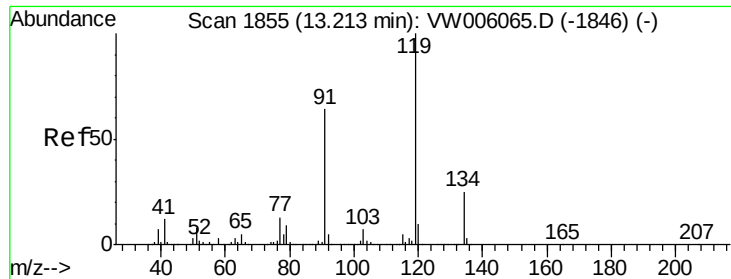
Delta R.T. 0.00 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Tgt Ion:	91	Resp:	141906
Ion	Ratio	Lower	Upper
91	100		
126	36.1	18.1	54.3





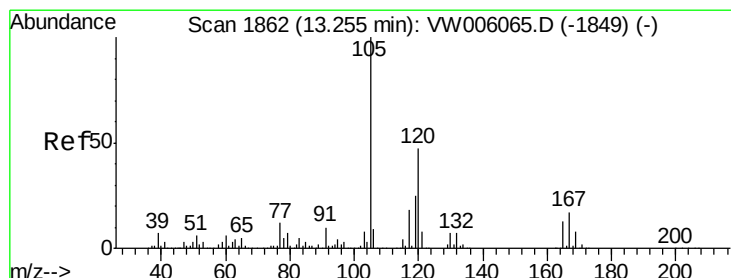
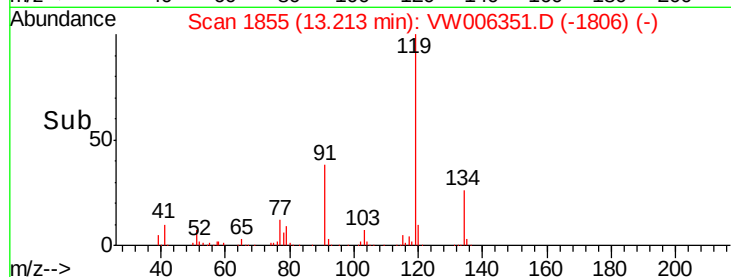
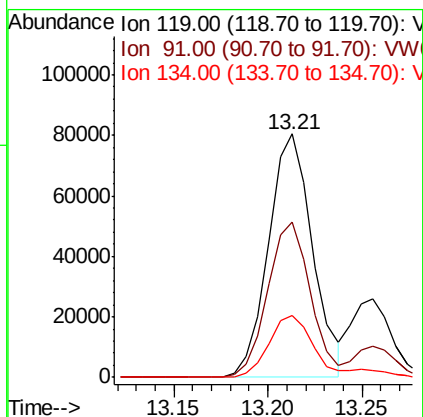
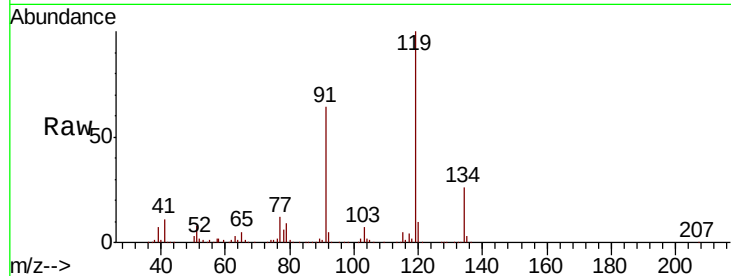
#83
 tert-Butylbenzene
 Concen: 55.972 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.6	32.3	96.9
134	25.5	13.6	40.8

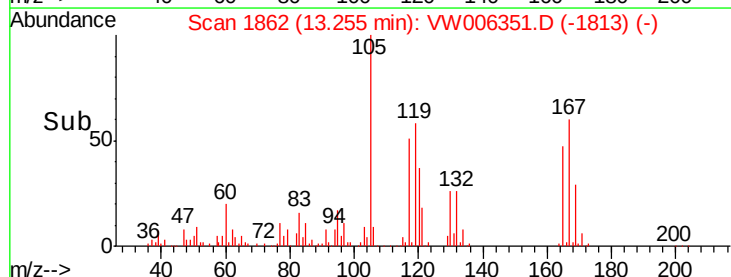
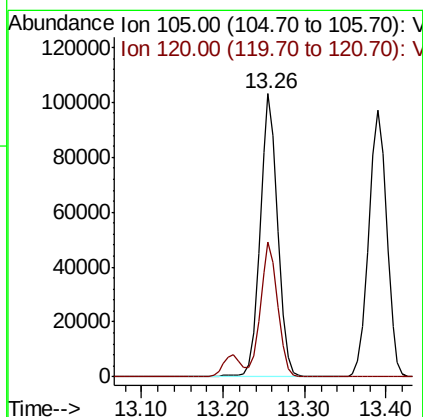
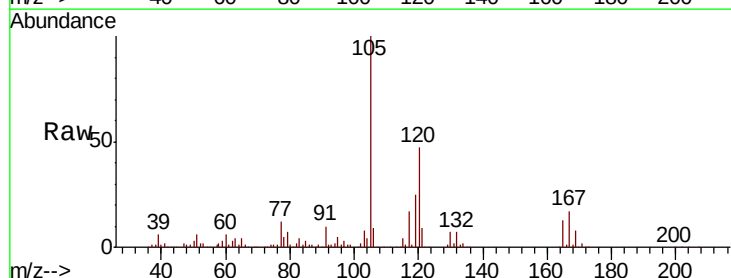
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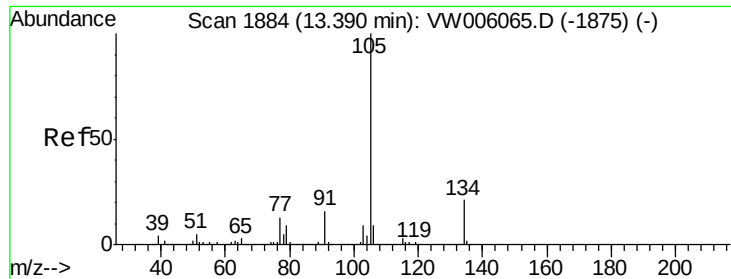
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#84
 1,2,4-Trimethylbenzene
 Concen: 59.375 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.3





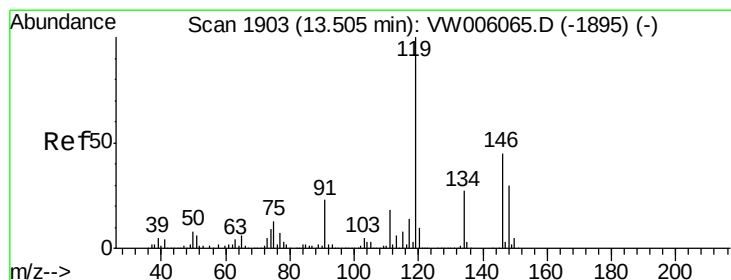
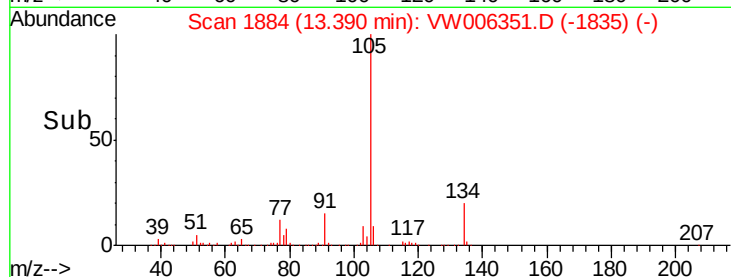
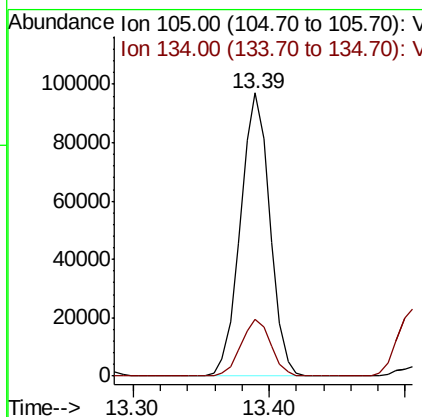
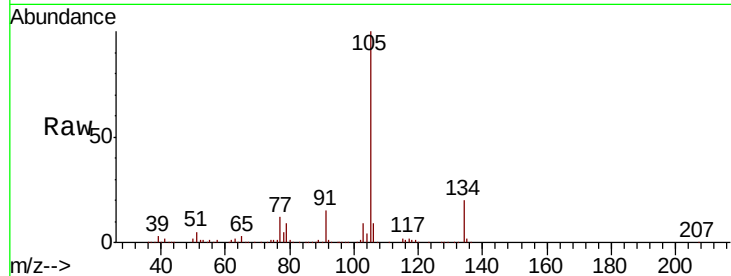
#85
 sec-Butylbenzene
 Concen: 44.610 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.5	31.6

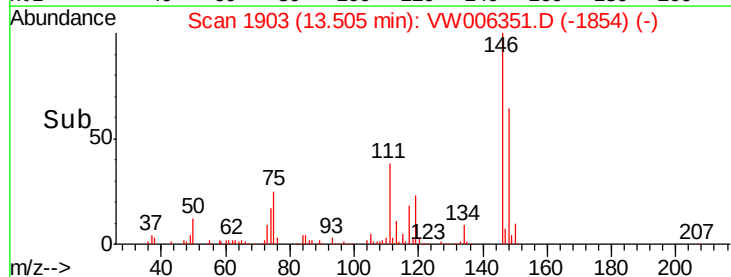
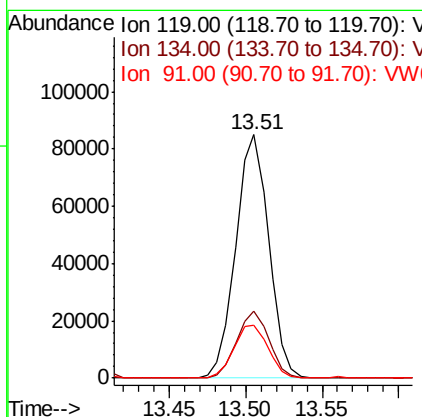
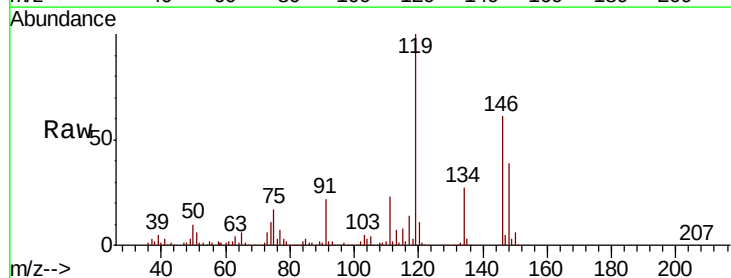
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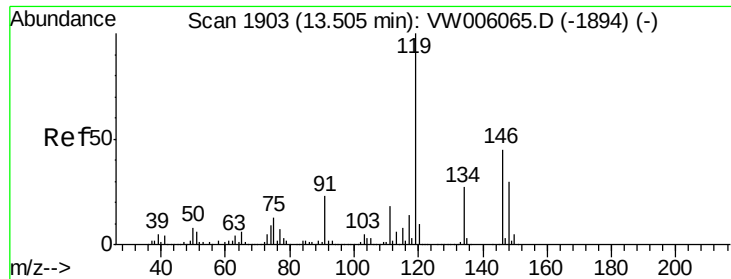
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#86
 p-Isopropyltoluene
 Concen: 42.558 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.2
91	22.9	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 55.268 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

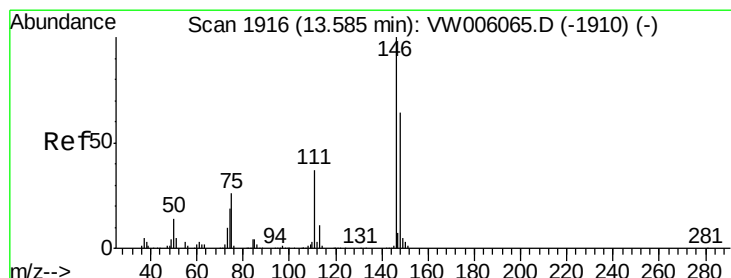
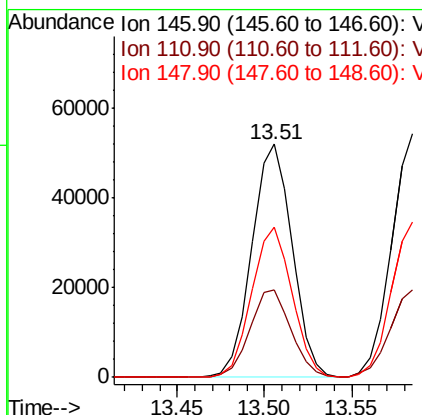
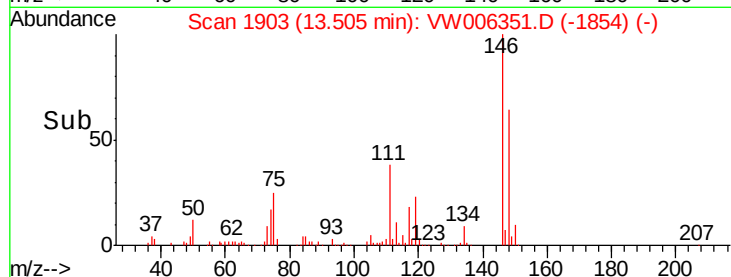
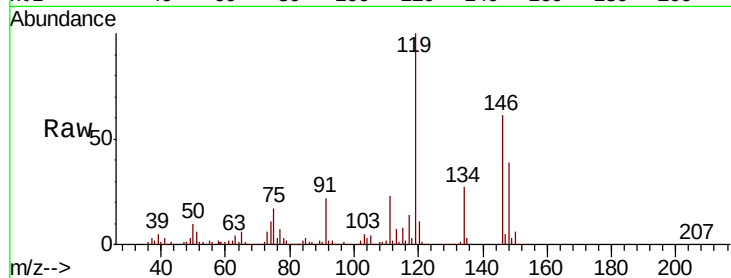
Instrument :
MSVOA_W

ClientSampleId :
PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.5
148	64.2	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 56.024 ug/l

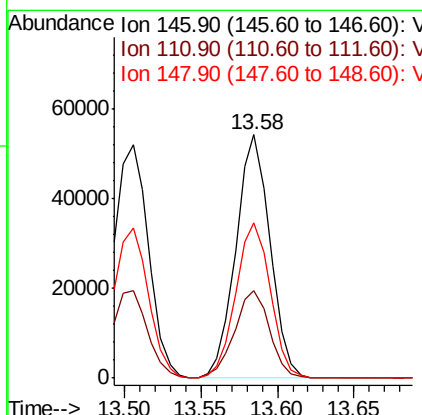
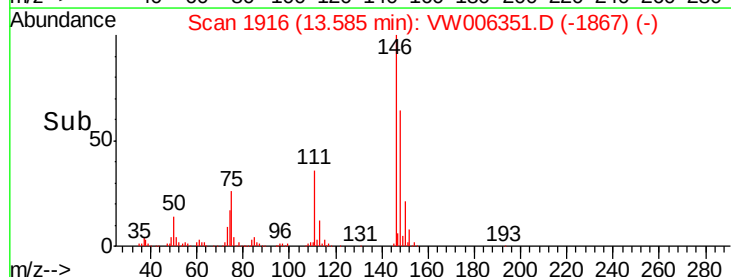
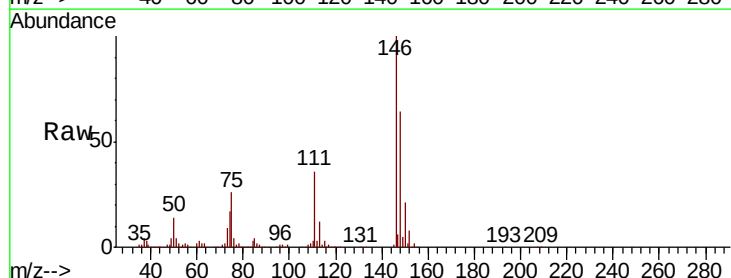
RT: 13.58 min Scan# 1916

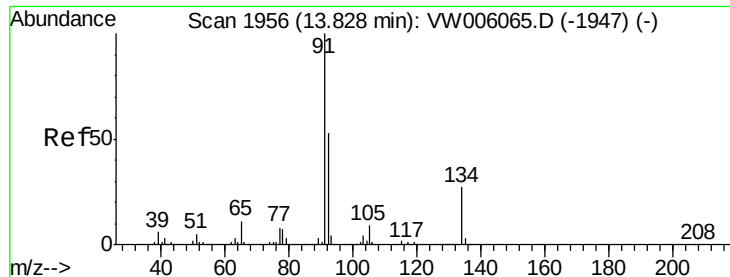
Delta R.T. 0.00 min

Lab File: VW006351.D

Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	56.0
148	64.3	32.1	96.5





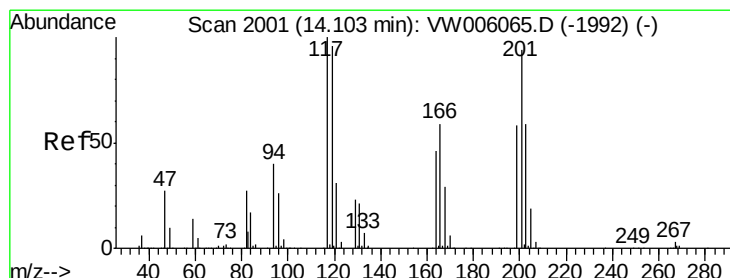
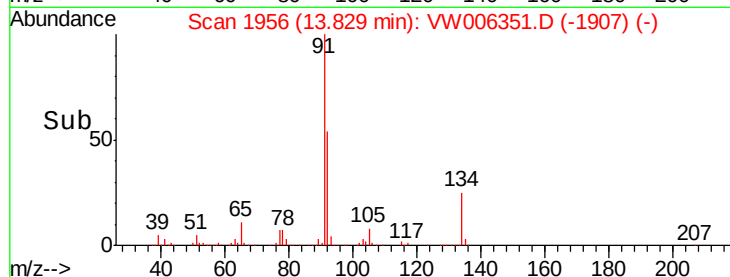
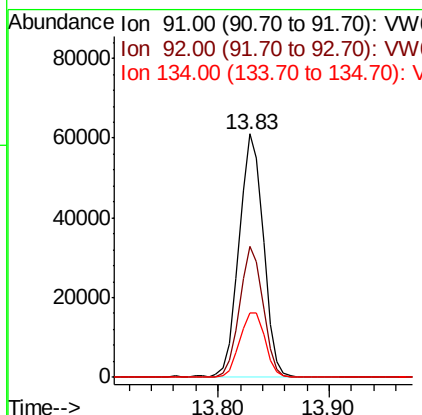
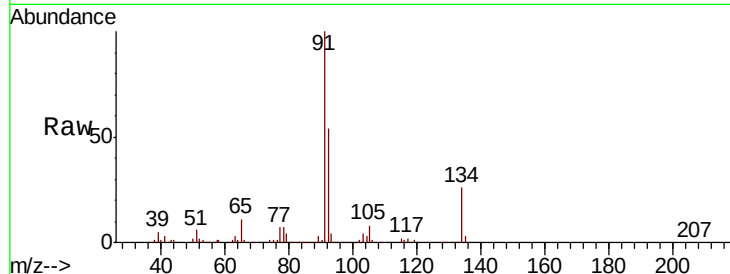
#89
n-Butylbenzene
Concen: 33.765 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.6	79.7
134	27.8	14.0	41.9

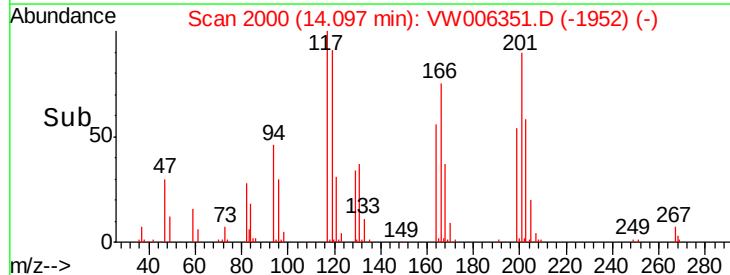
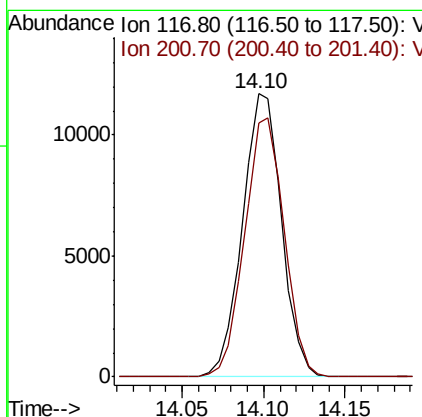
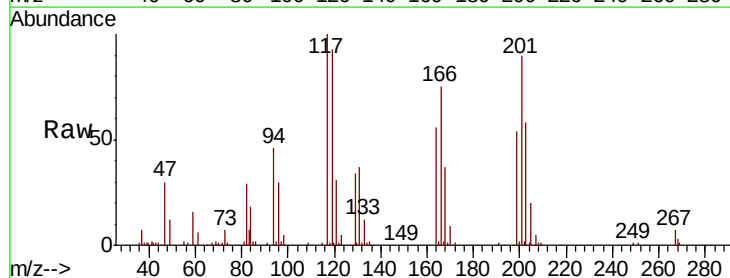
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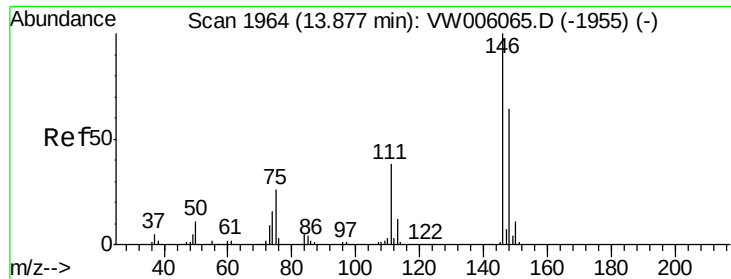
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#90
Hexachloroethane
Concen: 38.647 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.6	45.3	135.9





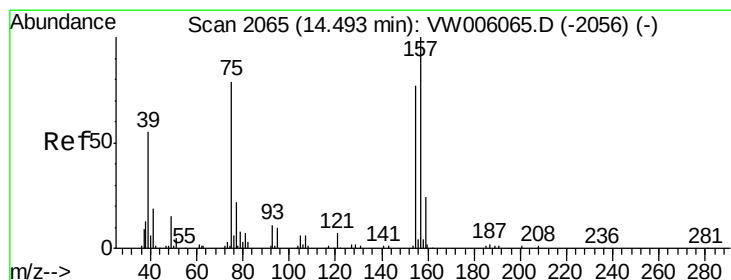
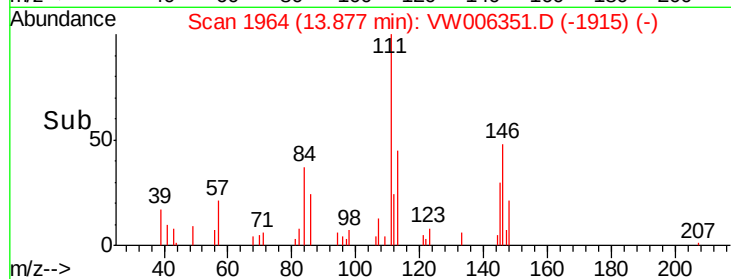
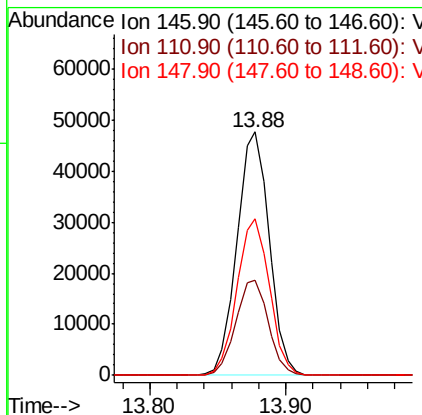
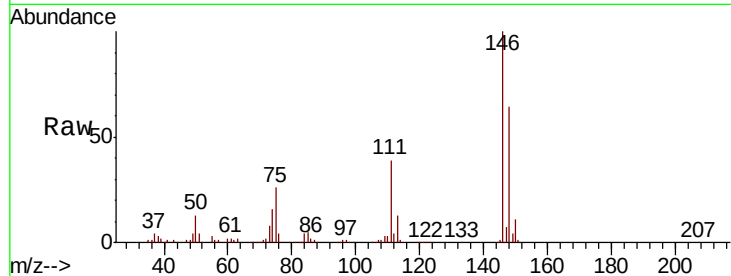
#91
 1,2-Dichlorobenzene
 Concen: 58.665 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	64.6	32.2	96.6

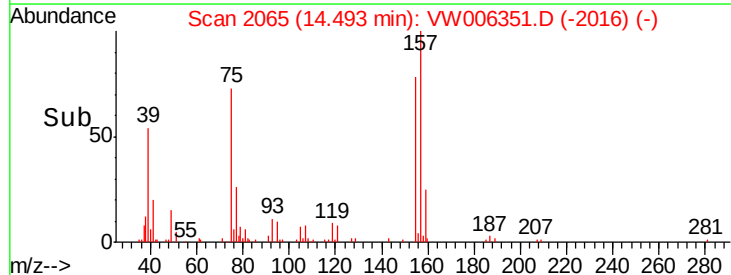
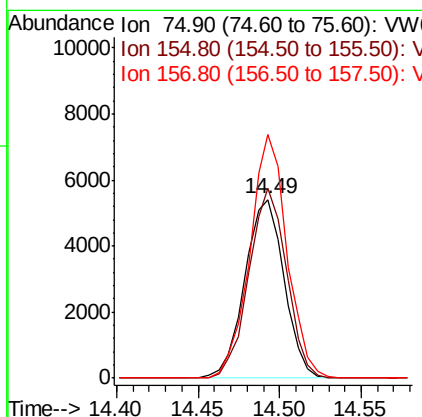
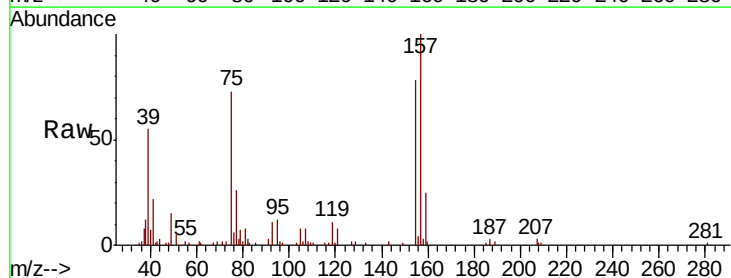
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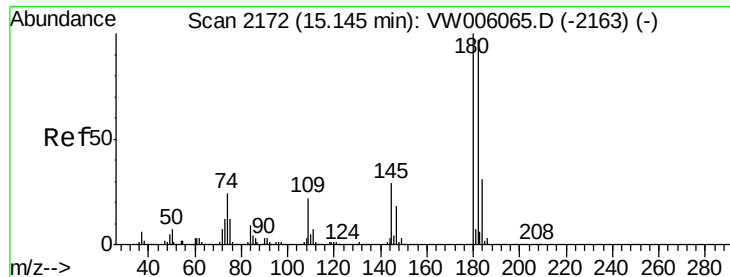
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 107.650 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.7	46.5	139.5
157	129.1	59.8	179.4





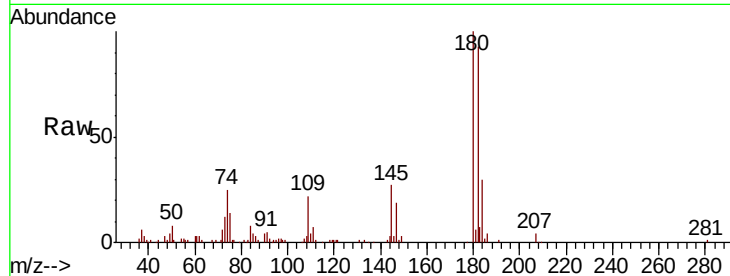
#93
 1,2,4-Trichlorobenzene
 Concen: 28.021 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMSD

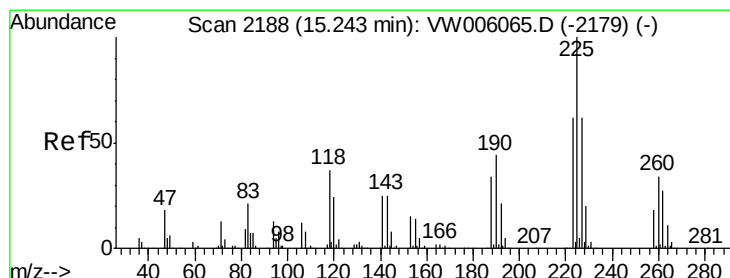
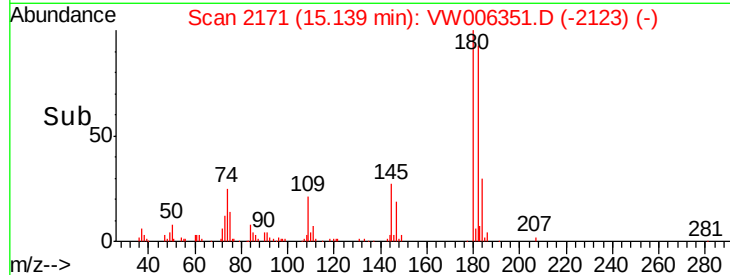
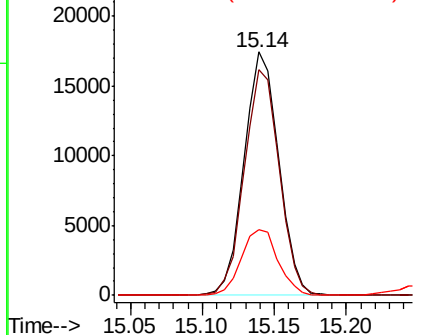
Tot Ion	Ratio	Resp	Lower	Upper
180	100	28984		
182	93.5	47.9	143.6	
145	28.8	14.2	42.8	

Manual Integrations
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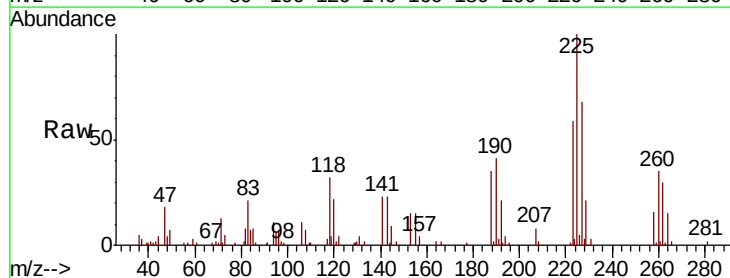


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

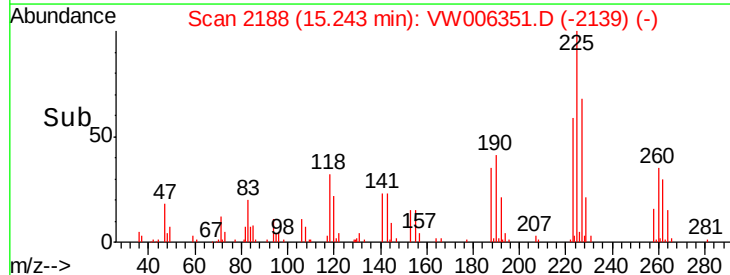
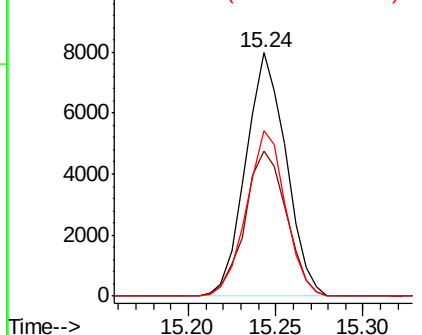


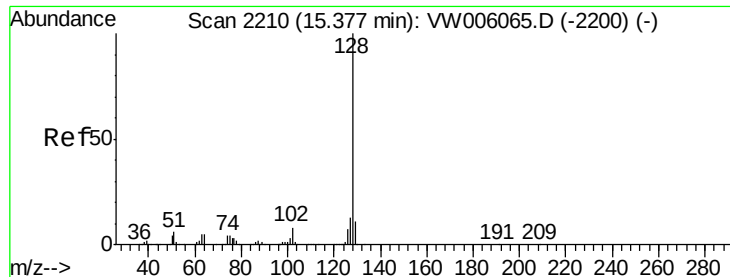
#94
 Hexachlorobutadiene
 Concen: 19.686 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006351.D
 Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	12791		
223	61.5	31.1	93.5	
227	65.5	32.4	97.0	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





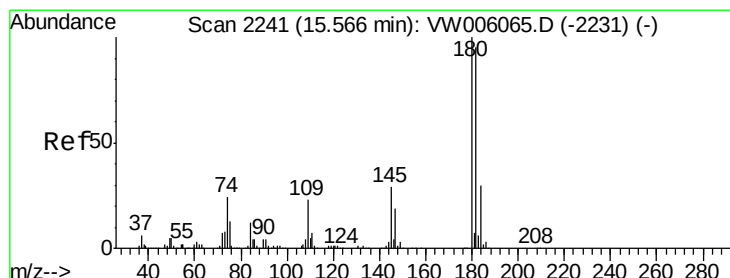
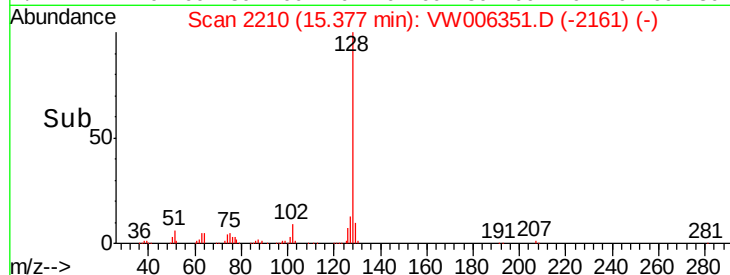
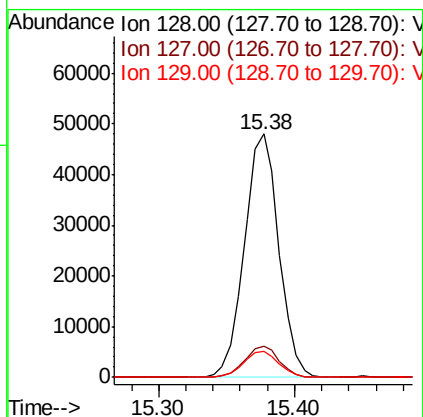
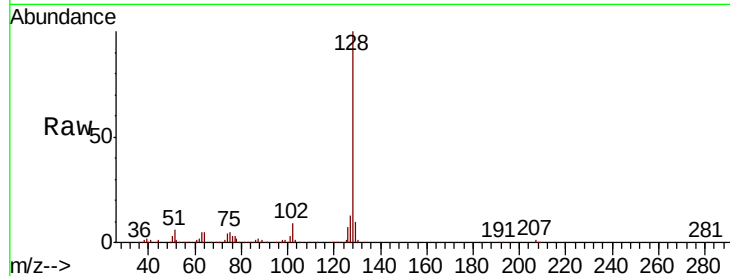
#95
Naphthalene
Concen: 49.419 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 24.111 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006351.D
Acq: 25 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.8	143.3
145	31.7	15.0	45.1

