

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005183.D
 Acq On : 07 Sep 2018 01:40
 Operator : SY/AP
 Sample : VW0906SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Manual Integrations
 APPROVED

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 9/7/2018 12:35:36 PM

Quant Time: Sep 07 04:22:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	415561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	619472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	616230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	343522	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	201627	58.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.06%	
35) Dibromofluoromethane	7.89	113	197107	55.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.12%	
50) Toluene-d8	10.33	98	904216	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
62) 4-Bromofluorobenzene	12.63	95	336056	57.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	83744	25.01	ug/l	97
3) Chloromethane	2.21	50	121665	25.04	ug/l	99
4) Vinyl Chloride	2.35	62	112069	23.72	ug/l	99
5) Bromomethane	2.76	94	80236	25.51	ug/l	97
6) Chloroethane	2.91	64	66398	22.57	ug/l	97
7) Trichlorofluoromethane	3.26	101	125705	23.65	ug/l	98
8) Diethyl Ether	3.68	74	47604	24.75	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	84766	23.21	ug/l	99
10) Methyl Iodide	4.28	142	54441	13.03	ug/l	100
11) Tert butyl alcohol	5.19	59	34668	181.10	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	79163	23.56	ug/l	99
13) Acrolein	3.90	56	22717	101.60	ug/l	99
14) Allyl chloride	4.68	41	120718	22.98	ug/l	99
15) Acrylonitrile	5.38	53	109437	134.90	ug/l	98
16) Acetone	4.14	43	93151	134.84	ug/l	98
17) Carbon Disulfide	4.38	76	278853	23.82	ug/l	98
18) Methyl Acetate	4.68	43	60510	29.77	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	216364	26.52	ug/l	100
20) Methylene Chloride	4.92	84	114662	22.42	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	95843	23.41	ug/l	97
22) Diisopropyl ether	6.32	45	279507	25.29	ug/l	99
23) Vinyl Acetate	6.26	43	742058	127.81	ug/l	100
24) 1,1-Dichloroethane	6.22	63	164978	23.88	ug/l	100
25) 2-Butanone	7.18	43	158156	131.99	ug/l	96
26) 2,2-Dichloropropane	7.17	77	115374	20.32	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	105395	23.53	ug/l	99
28) Bromochloromethane	7.51	49	67864	24.40	ug/l	99
29) Tetrahydrofuran	7.54	42	83077	135.69	ug/l	100
30) Chloroform	7.68	83	169312	24.01	ug/l	97
31) Cyclohexane	7.96	56	154744	22.87	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	142075	23.13	ug/l	99
36) 1,1-Dichloropropene	8.09	75	138975	23.56	ug/l	99
37) Ethyl Acetate	7.26	43	60157	27.26	ug/l	100
38) Carbon Tetrachloride	8.07	117	124677	22.22	ug/l	97

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 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	152856	21.42	ug/l	97
40) Benzene	8.33	78	419719	23.24	ug/l	99
41) Methacrylonitrile	7.49	41	34250	26.79	ug/l	99
42) 1,2-Dichloroethane	8.40	62	106843	24.17	ug/l	100
43) Isopropyl Acetate	8.43	43	104352	25.99	ug/l	99
44) Trichloroethene	9.10	130	112812	23.15	ug/l	99
45) 1,2-Dichloropropane	9.37	63	104653	23.72	ug/l	98
46) Dibromomethane	9.46	93	50397	23.89	ug/l	99
47) Bromodichloromethane	9.65	83	124353	23.41	ug/l	98
48) Methyl methacrylate	9.44	41	47353	24.49	ug/l	99
49) 1,4-Dioxane	9.47	88	17550	514.37	ug/l #	85
51) 4-Methyl-2-Pentanone	10.22	43	360167	133.85	ug/l	100
52) Toluene	10.40	92	281635	23.01	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	125104	23.97	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	151551	23.87	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	83950	25.70	ug/l	98
56) Ethyl methacrylate	10.65	69	93227	25.02	ug/l	98
57) 1,3-Dichloropropane	10.94	76	136074	25.30	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	196978	111.54	ug/l	100
59) 2-Hexanone	10.98	43	242211	133.09	ug/l	100
60) Dibromochloromethane	11.13	129	91216	24.70	ug/l	100
61) 1,2-Dibromoethane	11.24	107	73136	24.80	ug/l	99
64) Tetrachloroethene	10.87	164	112868	23.34	ug/l	97
65) Chlorobenzene	11.66	112	312857	22.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	98733	23.29	ug/l	100
67) Ethyl Benzene	11.74	91	524849	22.38	ug/l	100
68) m/p-Xylenes	11.85	106	436266	46.46	ug/l	99
69) o-Xylene	12.17	106	200646	23.11	ug/l	100
70) Styrene	12.19	104	336896	23.49	ug/l	100
71) Bromoform	12.35	173	54956	24.46	ug/l #	99
73) Isopropylbenzene	12.47	105	532224	21.97	ug/l	100
74) N-amyl acetate	12.28	43	99600	23.88	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	91817	24.90	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	60166m	23.33	ug/l	
77) Bromobenzene	12.76	156	134503	22.54	ug/l	99
78) n-propylbenzene	12.81	91	640908	21.92	ug/l	100
79) 2-Chlorotoluene	12.90	91	380254	22.29	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	468096	22.35	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	22816	21.30	ug/l	95
82) 4-Chlorotoluene	13.00	91	396207	21.99	ug/l	99
83) tert-Butylbenzene	13.21	119	381925	21.83	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	472583	22.15	ug/l	100
85) sec-Butylbenzene	13.39	105	568197	22.10	ug/l	99
86) p-Isopropyltoluene	13.51	119	498414	21.90	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	271296	22.13	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	268692	22.09	ug/l	99
89) n-Butylbenzene	13.83	91	450762	21.37	ug/l	99
90) Hexachloroethane	14.10	117	81547	21.57	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	244199	22.85	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14502	25.17	ug/l	96

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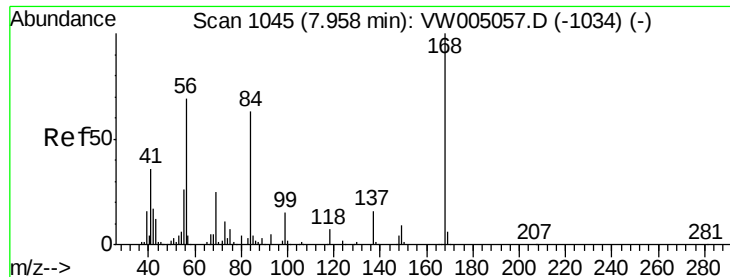
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	157310	21.96	ug/l	99
94) Hexachlorobutadiene	15.24	225	97839	21.96	ug/l	99
95) Naphthalene	15.38	128	265579	23.72	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	141887	23.14	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tot Ion:168 Resp: 415561

Ion Ratio Lower Upper

168 100

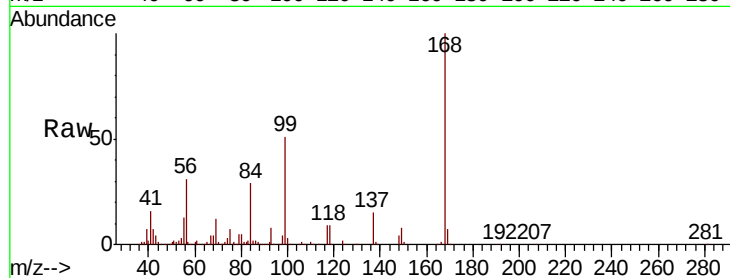
99 50.6 39.4 59.0

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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

200000

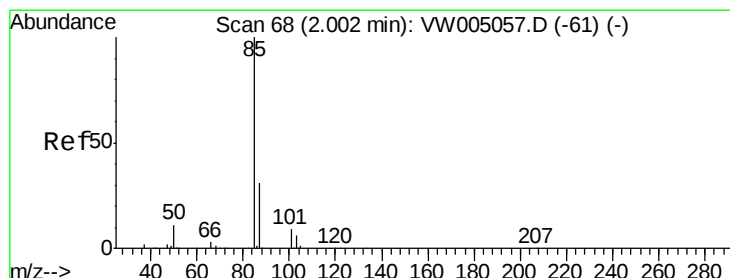
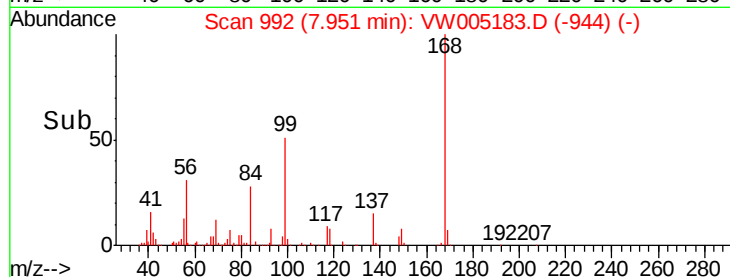
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10 8.20



#2

Dichlorodifluoromethane

Concen: 25.01 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005183.D

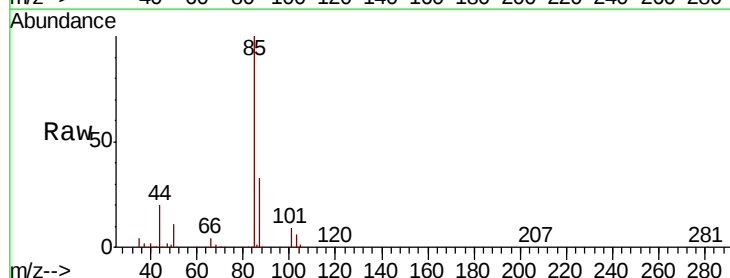
Acq: 07 Sep 2018 01:40

Tgt Ion: 85 Resp: 83744

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

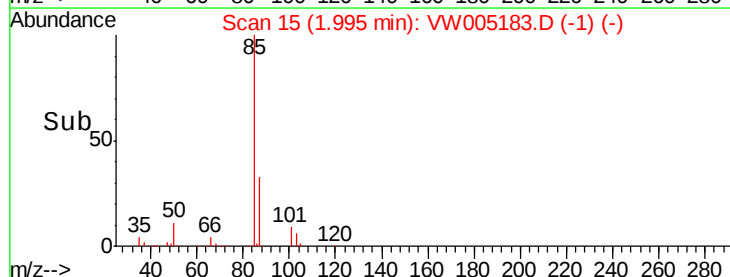
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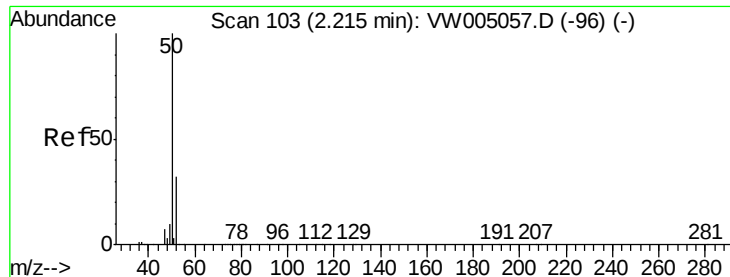
20000

10000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 25.04 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tot Ion: 50 Resp: 121665

Ion Ratio Lower Upper

50 100

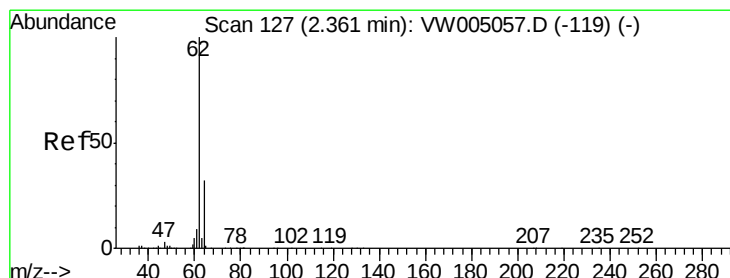
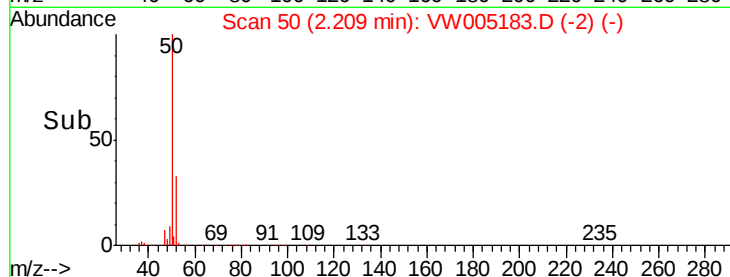
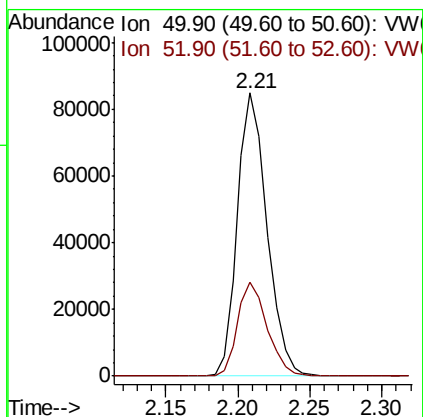
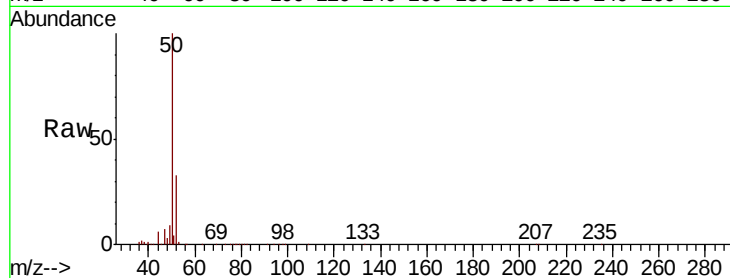
52 33.0 25.8 38.6

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#4

Vinyl Chloride

Concen: 23.72 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005183.D

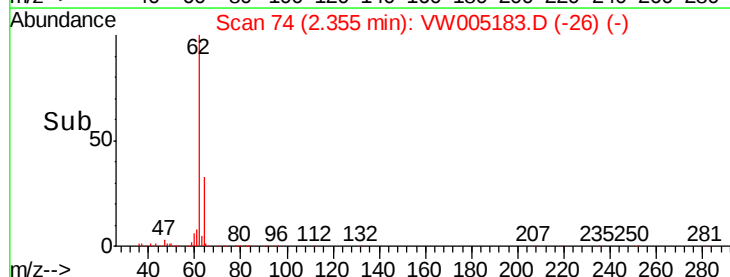
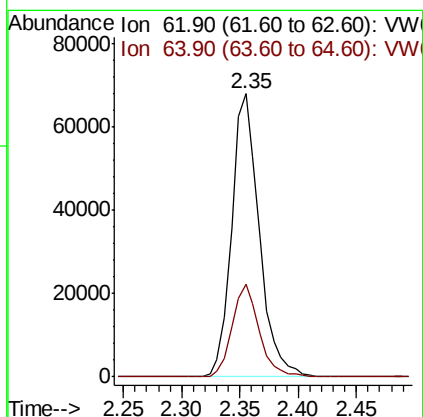
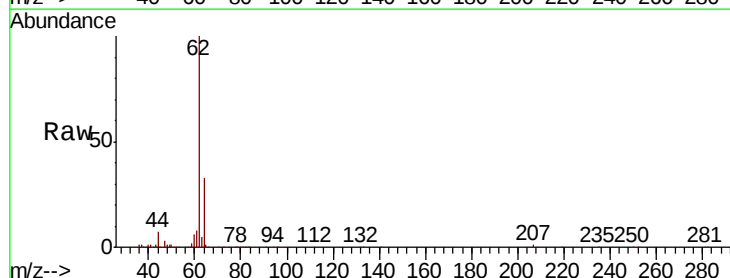
Acq: 07 Sep 2018 01:40

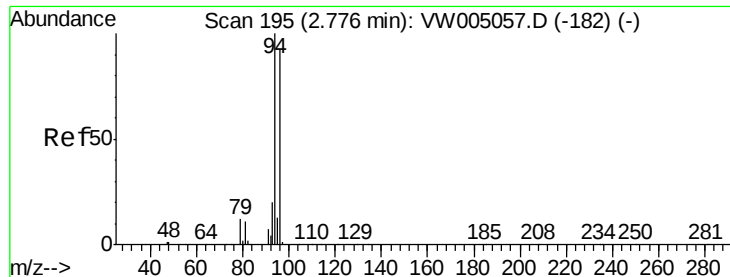
Tgt Ion: 62 Resp: 112069

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 25.51 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.02 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

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Tot Ion: 94 Resp: 80236

Ion Ratio Lower Upper

94 100

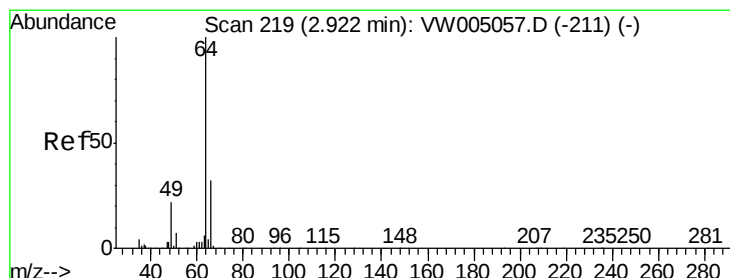
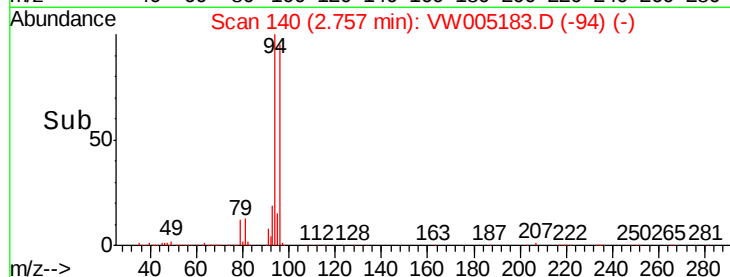
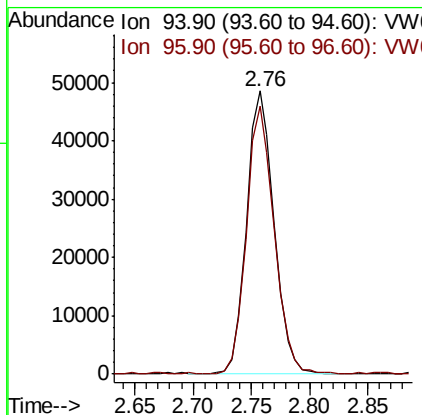
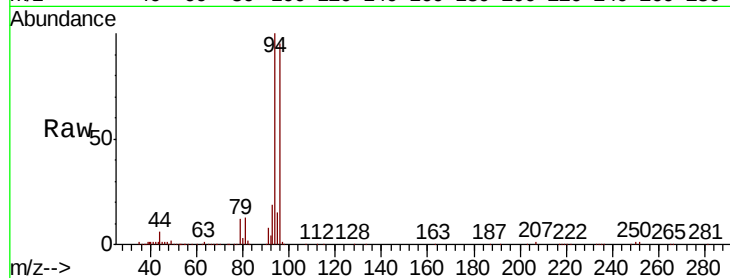
96 94.2 73.2 109.8

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#6

Chloroethane

Concen: 22.57 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005183.D

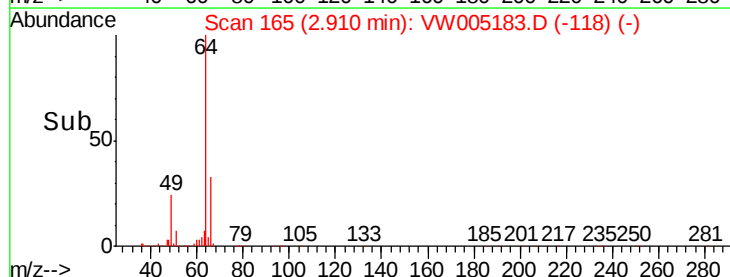
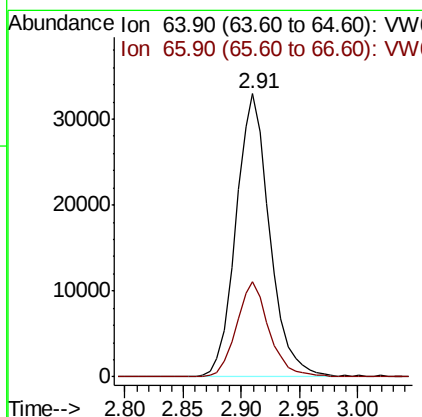
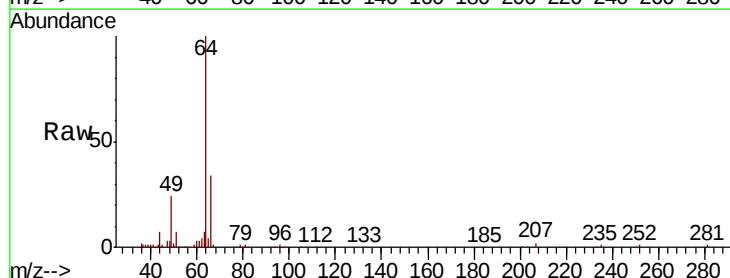
Acq: 07 Sep 2018 01:40

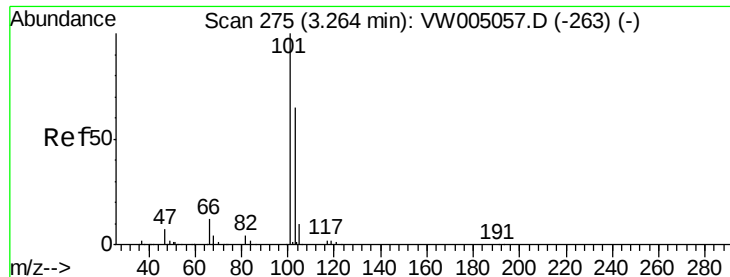
Tgt Ion: 64 Resp: 66398

Ion Ratio Lower Upper

64 100

66 33.5 25.7 38.5





#7

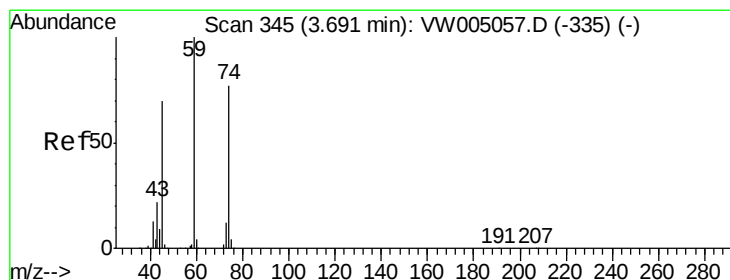
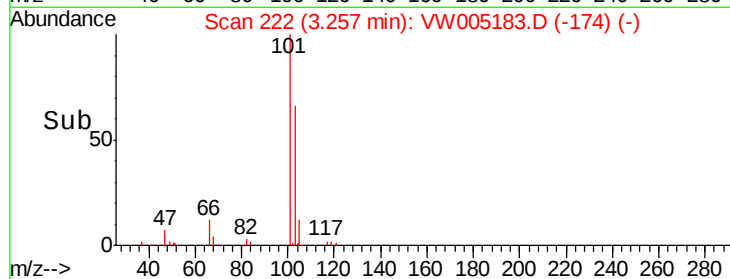
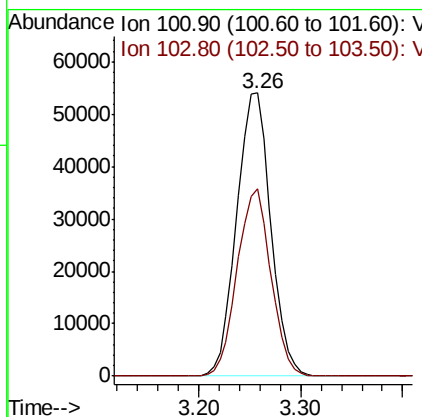
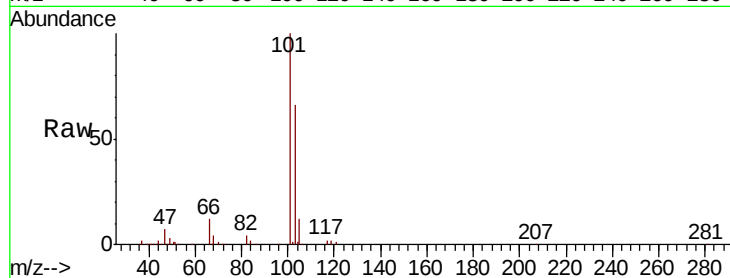
Trichlorofluoromethane
 Concen: 23.65 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005183.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		125705		
103	66.3	51.9	77.9		

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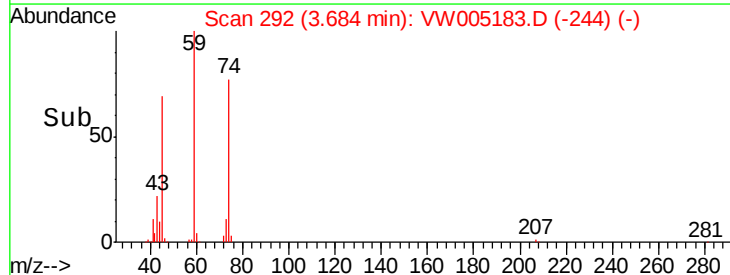
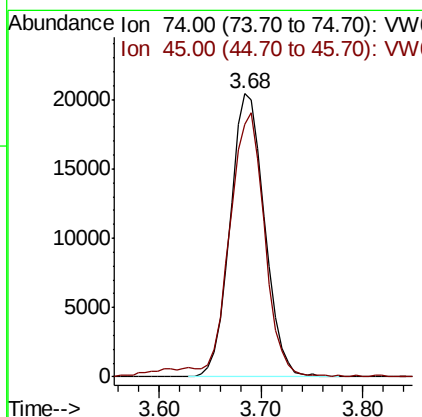
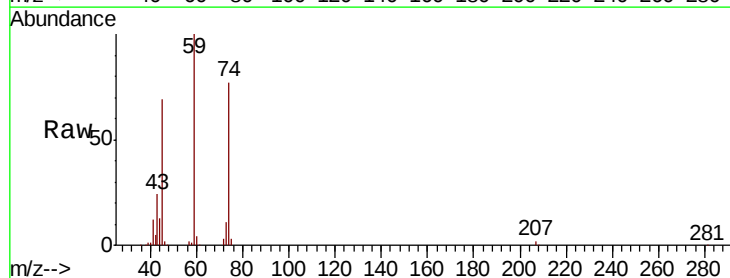
apatel
 9/7/2018 12:35:36 PM

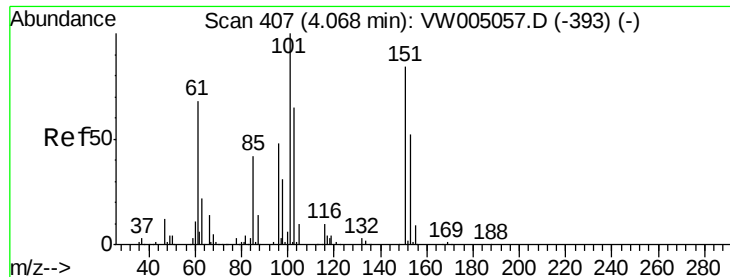


#8

Diethyl Ether
 Concen: 24.75 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		47604		
45	98.4	46.0	137.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.21 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

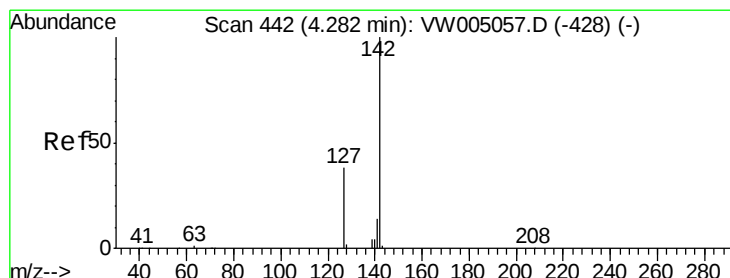
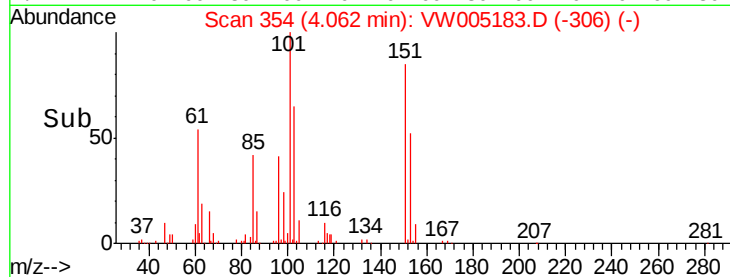
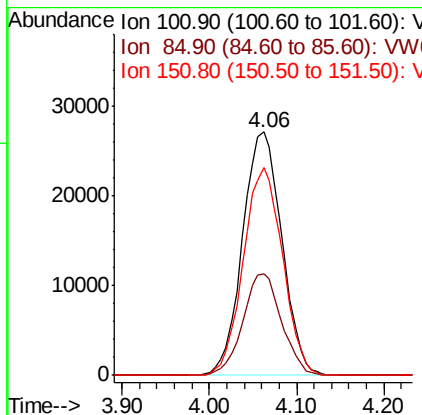
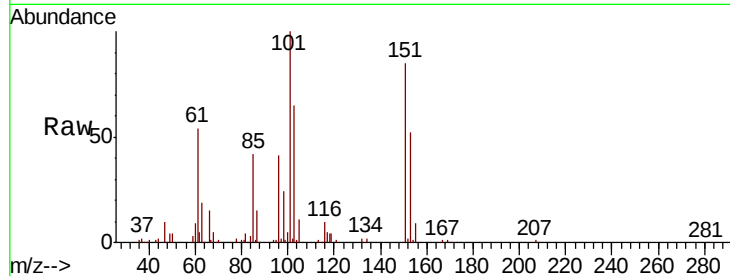
ClientSampleId :

VW0906SBS02

Tot Ion:	101	Resp:	84766
Ion Ratio	Lower	Upper	
101	100		
85	40.8	33.0	49.6
151	85.2	67.0	100.6

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#10

Methyl Iodide

Concen: 13.03 ug/l

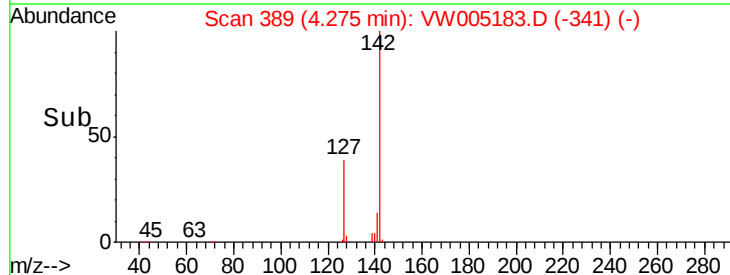
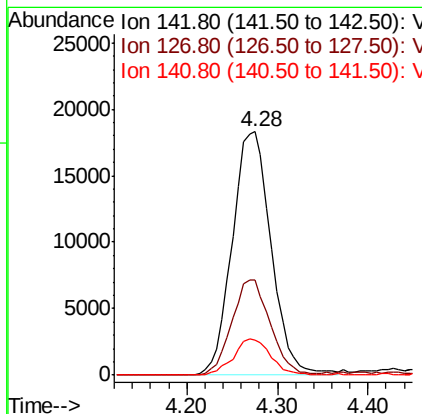
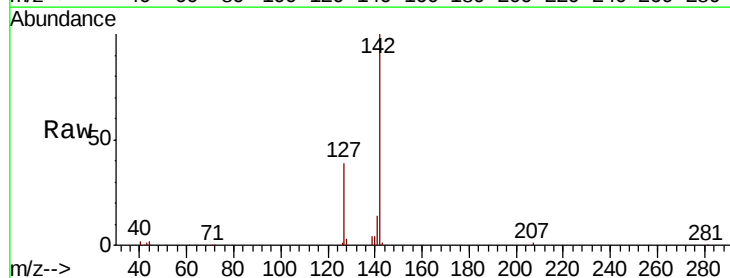
RT: 4.28 min Scan# 389

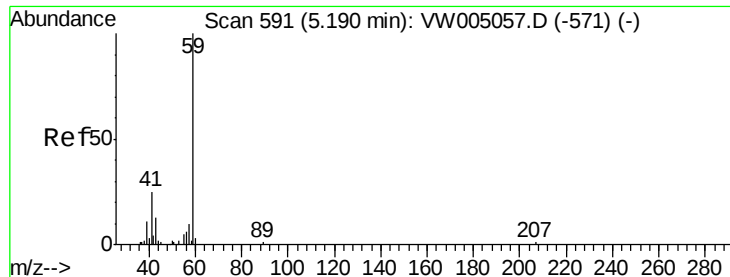
Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Tgt Ion:	142	Resp:	54441
Ion Ratio	Lower	Upper	
142	100		
127	38.7	30.8	46.2
141	14.1	11.6	17.4





#11

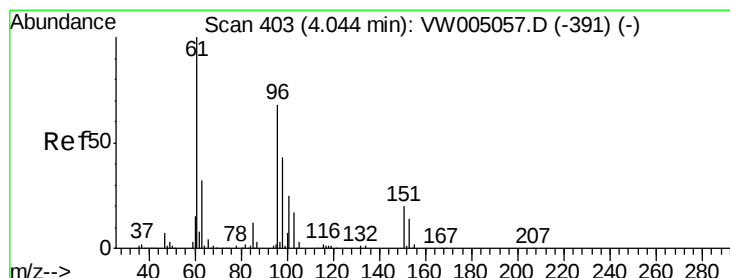
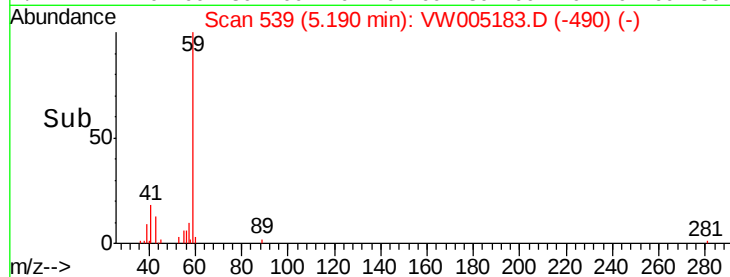
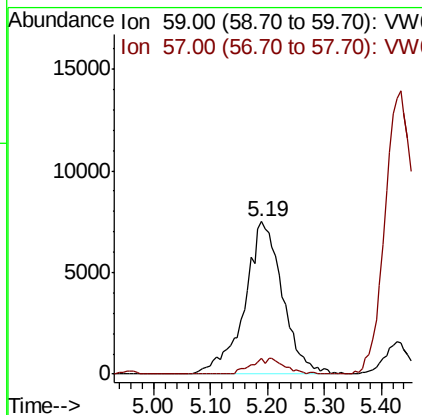
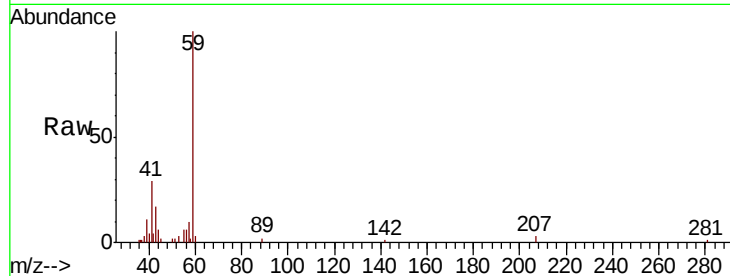
Tert butyl alcohol
 Concen: 181.10 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.2	8.6	12.8#

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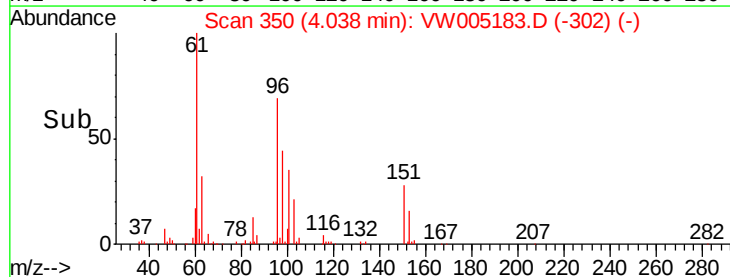
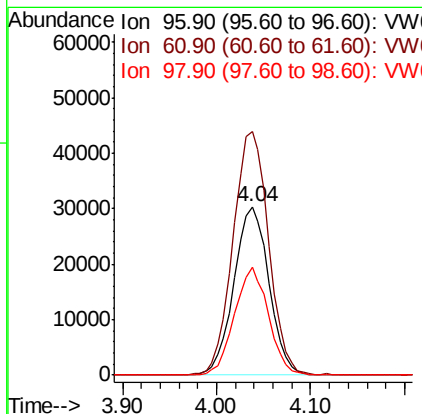
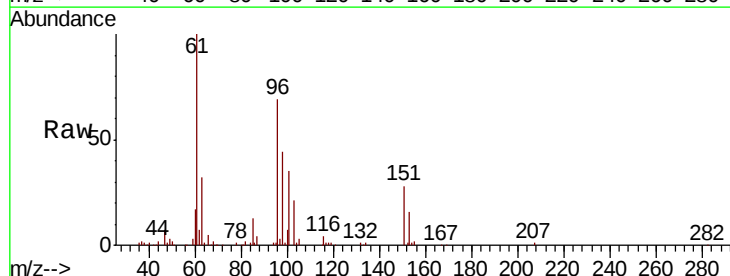
apatel
 9/7/2018 12:35:36 PM

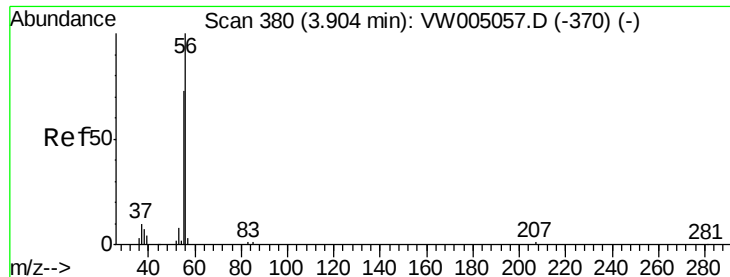


#12

1,1-Dichloroethene
 Concen: 23.56 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.4	117.4	176.0
98	63.8	51.0	76.4





#13

Acrolein

Concen: 101.60 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tot Ion: 56 Resp: 22717

Ion Ratio Lower Upper

56 100

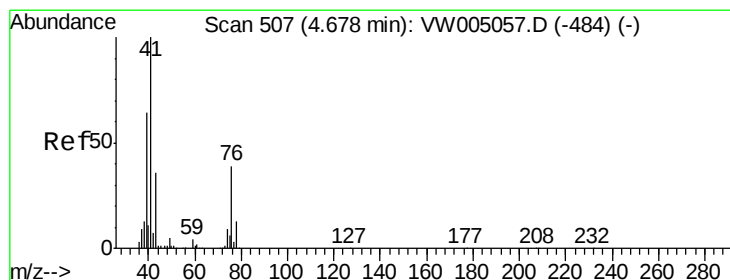
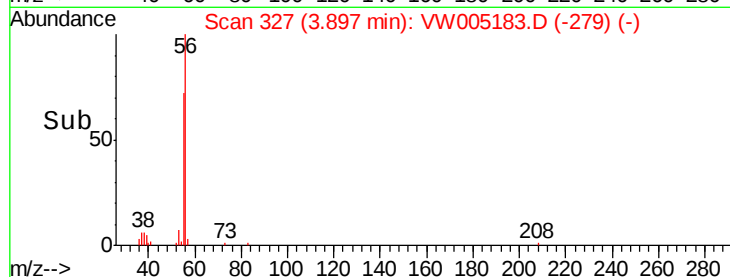
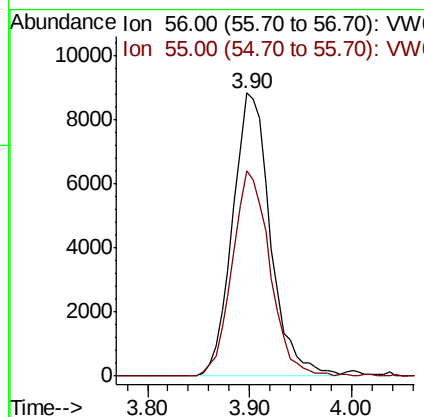
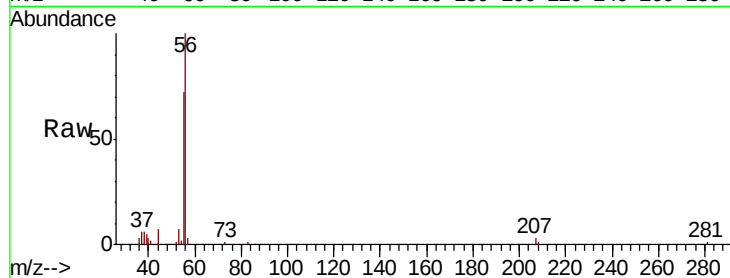
55 71.9 58.1 87.1

Manual Integrations

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#14

Allyl chloride

Concen: 22.98 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

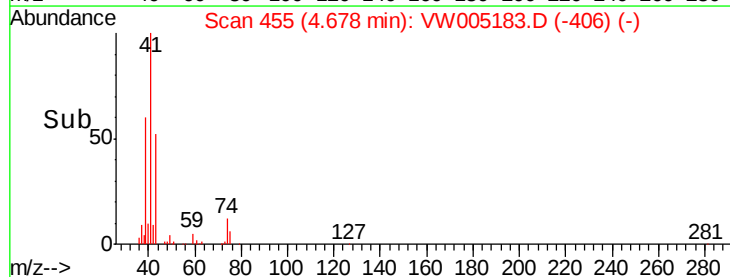
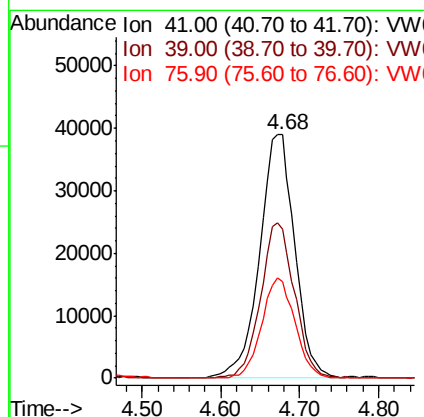
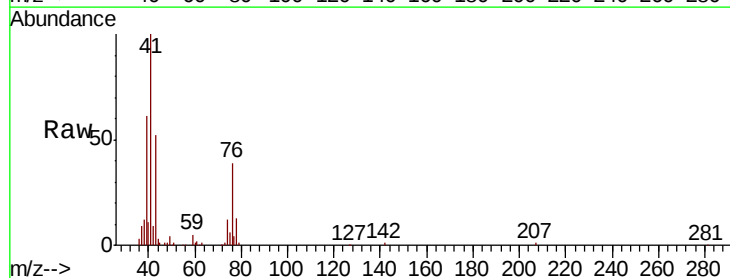
Tgt Ion: 41 Resp: 120718

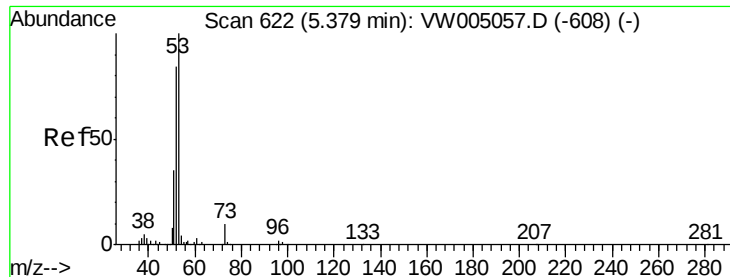
Ion Ratio Lower Upper

41 100

39 61.3 49.4 74.2

76 38.7 31.8 47.6





#15

Acrylonitrile

Concen: 134.90 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

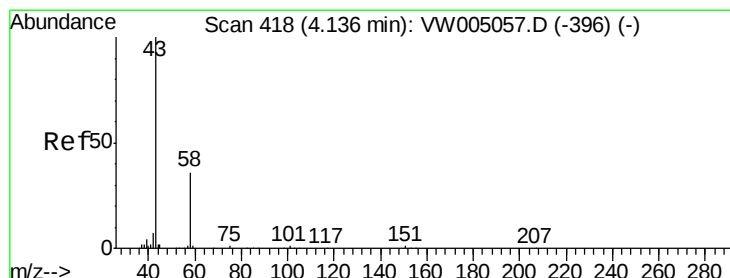
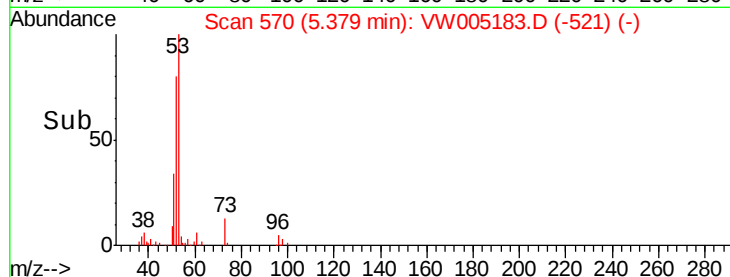
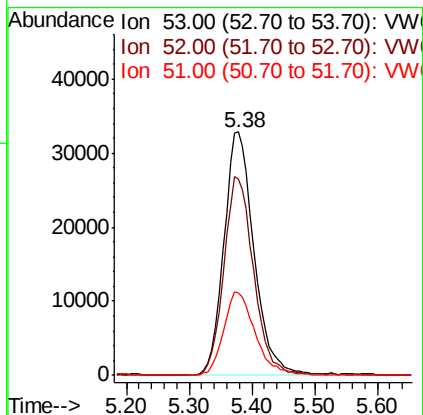
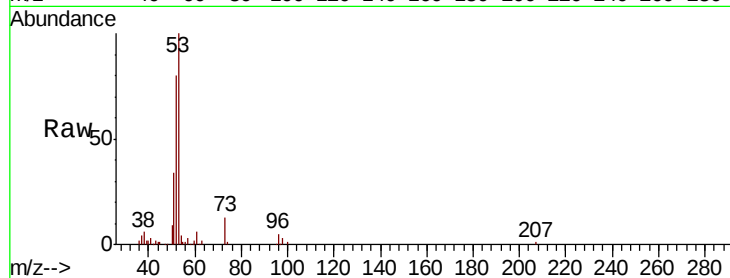
ClientSampleId :

VW0906SBS02

Tot Ion:	53	Resp:	109437
Ion	Ratio	Lower	Upper
53	100		
52	80.1	65.7	98.5
51	36.0	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 134.84 ug/l

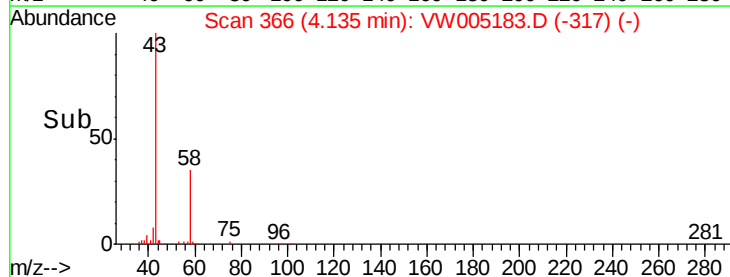
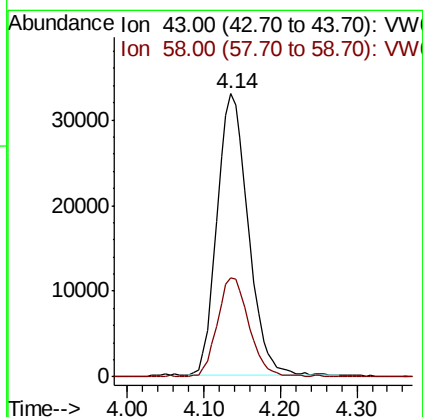
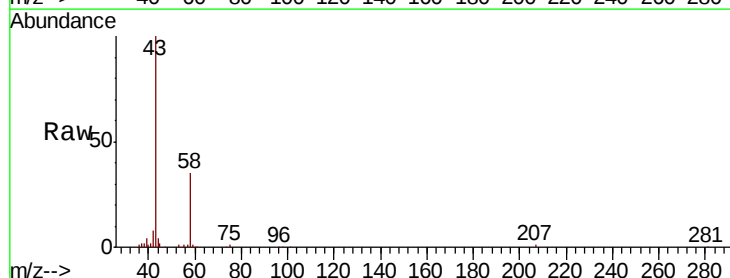
RT: 4.14 min Scan# 366

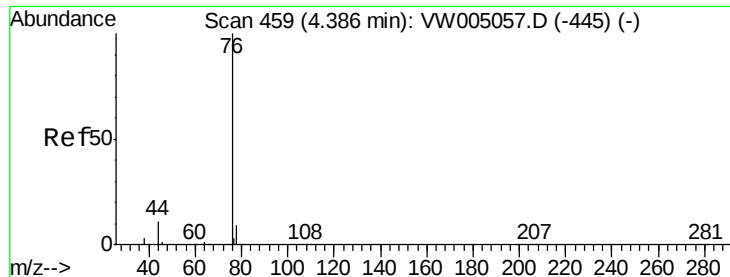
Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Tgt Ion:	43	Resp:	93151
Ion	Ratio	Lower	Upper
43	100		
58	35.0	29.0	43.6





#17

Carbon Disulfide

Concen: 23.82 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tot Ion: 76 Resp: 278853

Ion Ratio Lower Upper

76 100

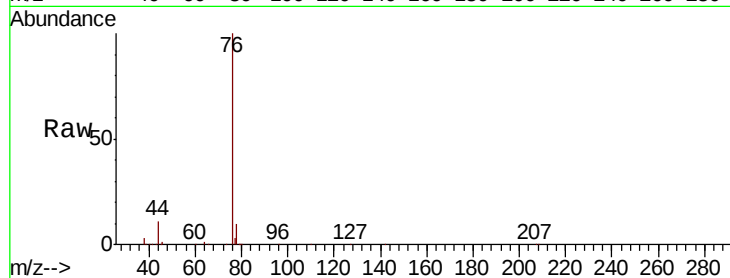
78 9.7 7.3 10.9

Manual Integrations

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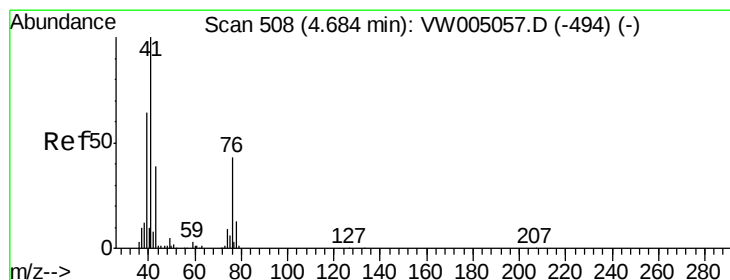
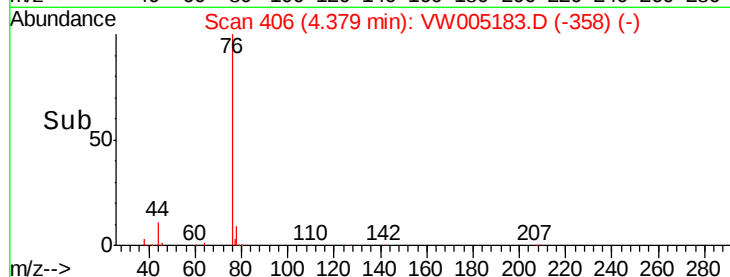
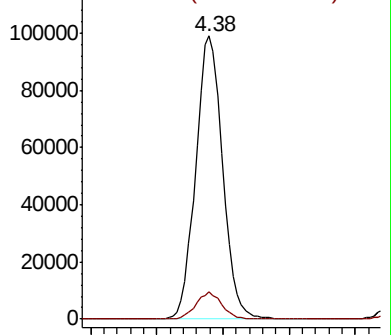
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 29.77 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005183.D

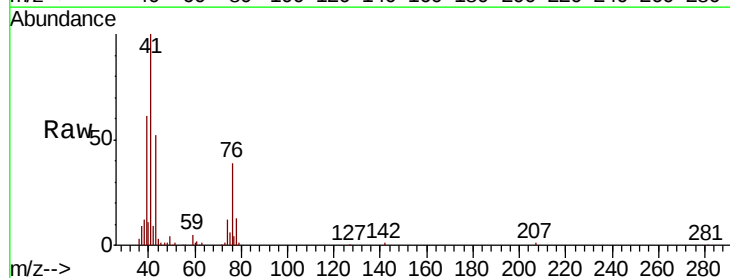
Acq: 07 Sep 2018 01:40

Tgt Ion: 43 Resp: 60510

Ion Ratio Lower Upper

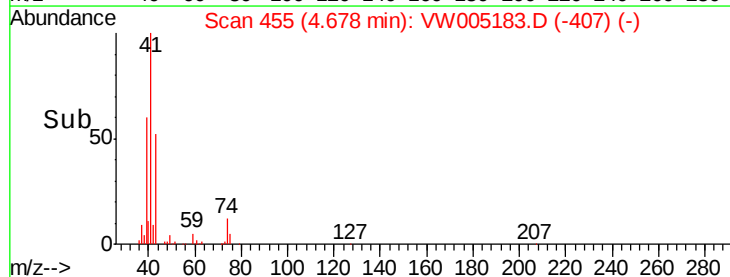
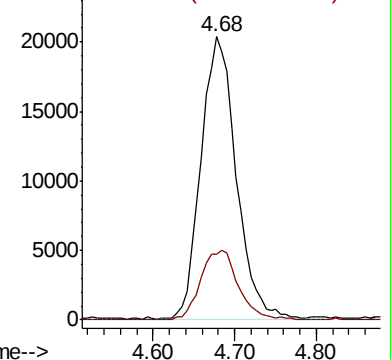
43 100

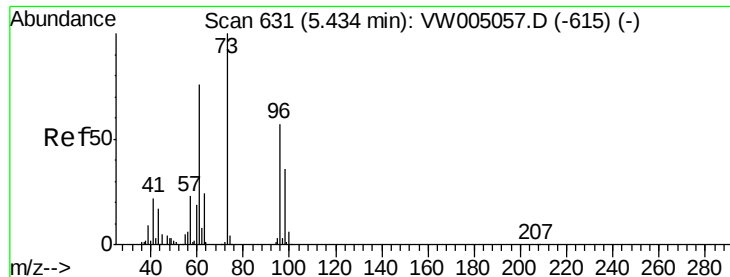
74 26.5 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





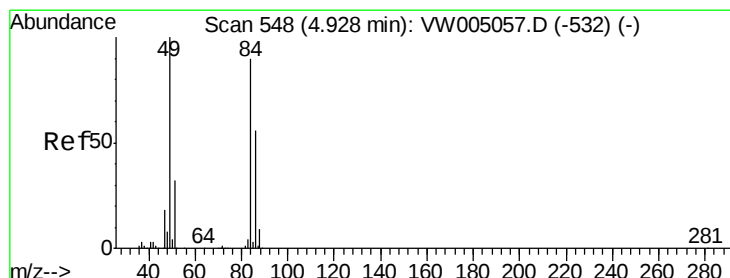
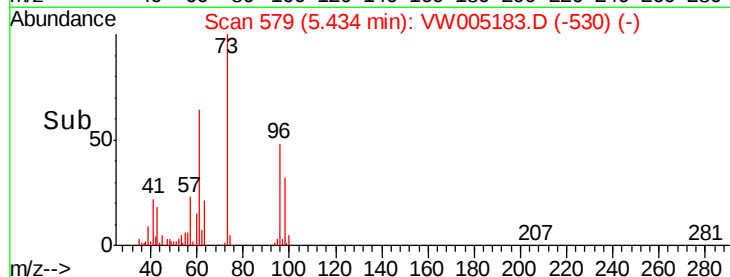
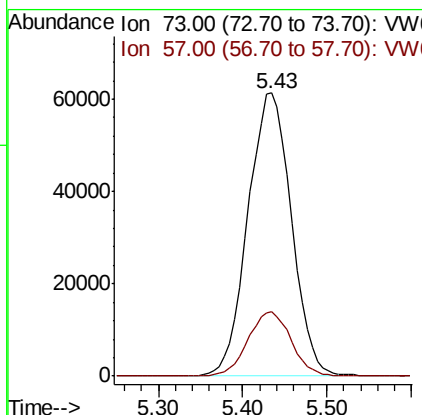
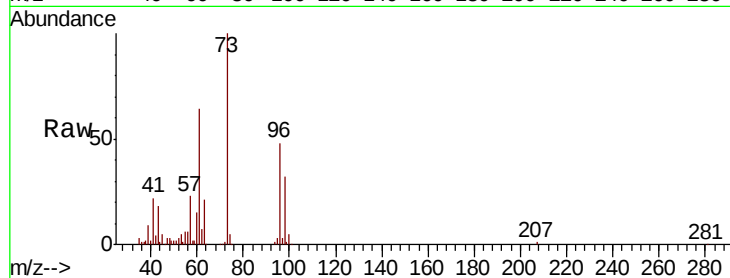
#19
Methvl tert-butvl Ether
Concen: 26.52 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion: 73 Resp: 216364
Ion Ratio Lower Upper
73 100
57 22.7 18.1 27.1

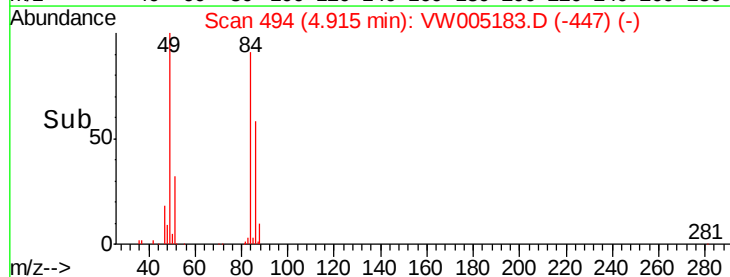
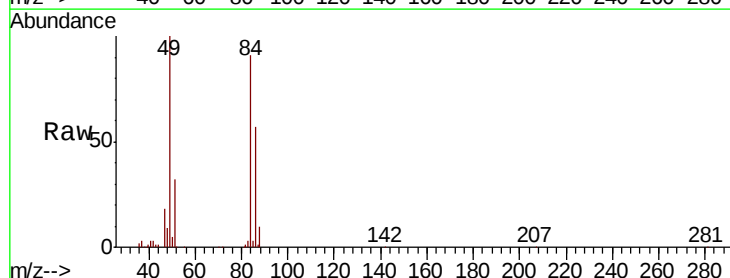
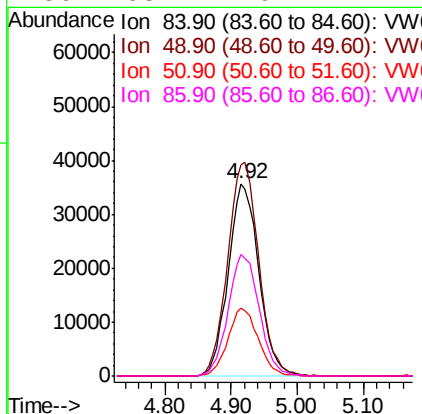
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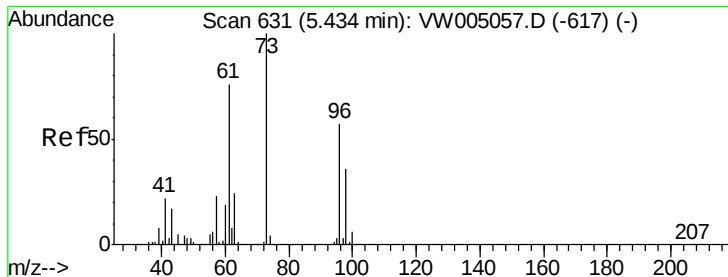
apatel
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#20
Methylene Chloride
Concen: 22.42 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion: 84 Resp: 114662
Ion Ratio Lower Upper
84 100
49 110.1 88.7 133.1
51 35.3 28.6 42.8
86 63.2 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 23.41 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

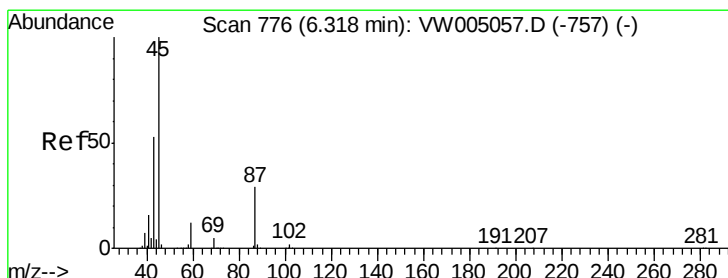
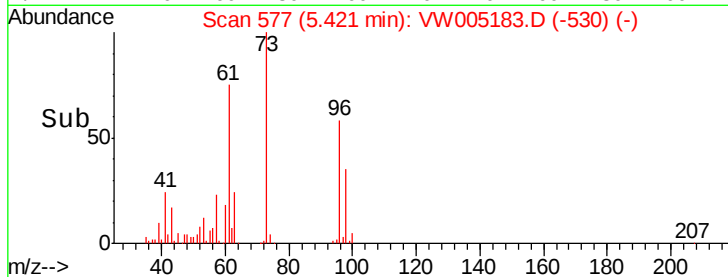
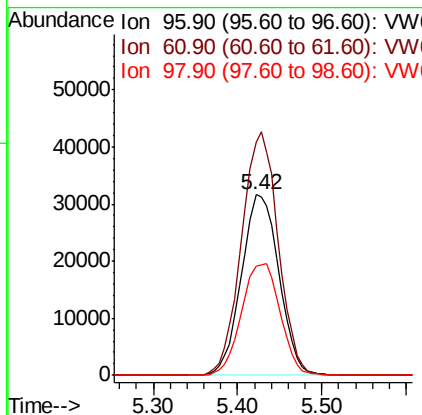
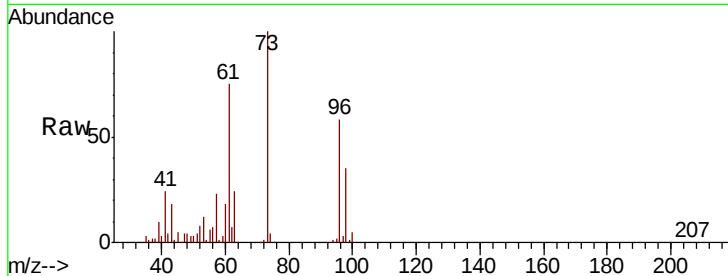
ClientSampled :

VW0906SBS02

Tot Ion:	96	Resp:	95843
Ion	Ratio	Lower	Upper
96	100		
61	129.4	106.3	159.5
98	60.3	50.9	76.3

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#22

Diisopropyl ether

Concen: 25.29 ug/l

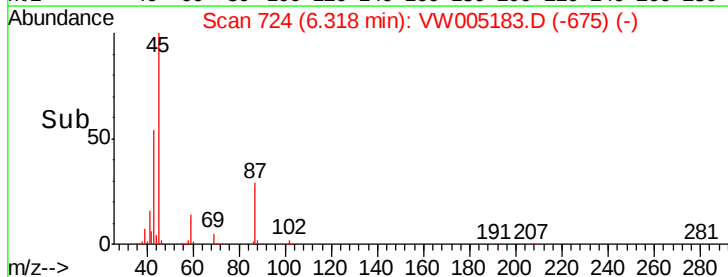
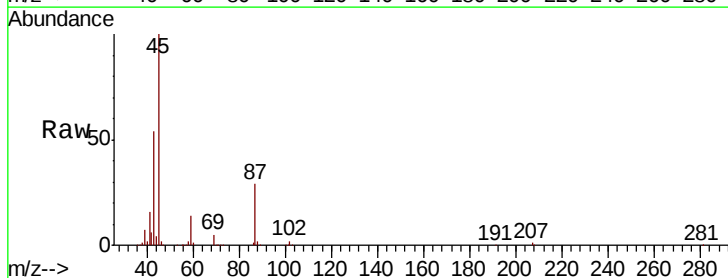
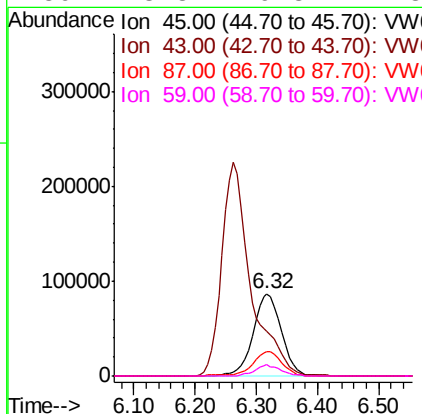
RT: 6.32 min Scan# 724

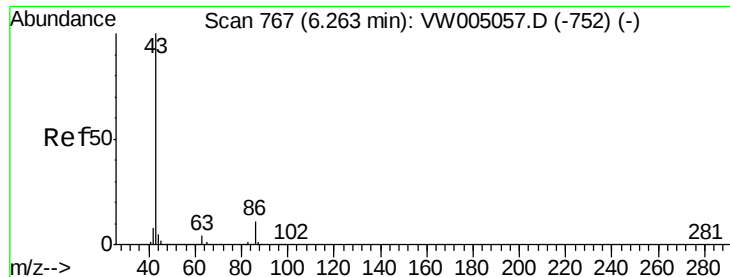
Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Tgt Ion:	45	Resp:	279507
Ion	Ratio	Lower	Upper
45	100		
43	53.7	42.6	63.8
87	29.0	23.6	35.4
59	13.8	9.8	14.8





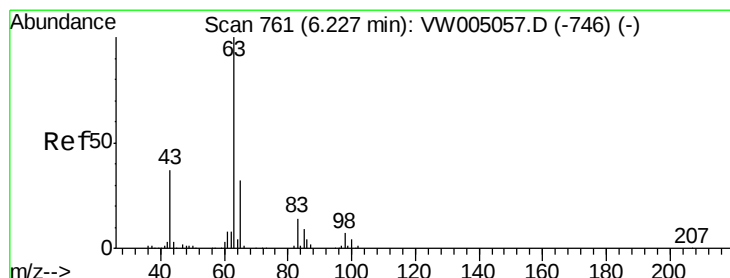
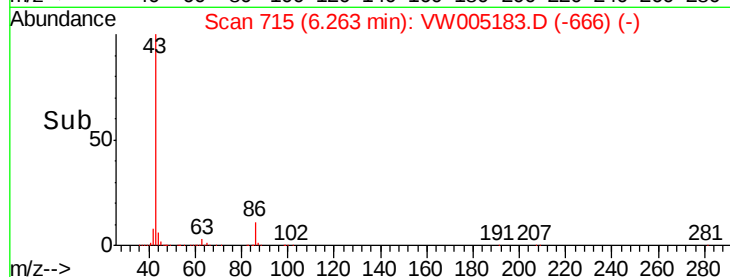
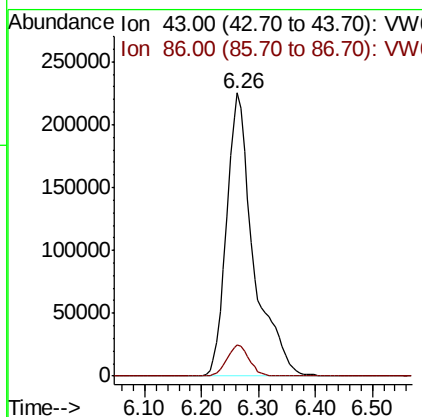
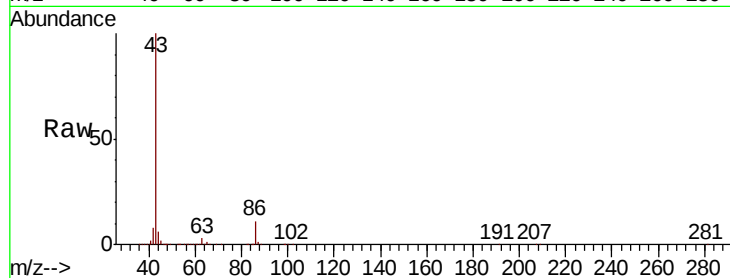
#23
 Vinyl Acetate
 Concen: 127.81 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Instrument :
 MSVOA_W
 ClientSampled :
 VW0906SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.0	9.0	13.4

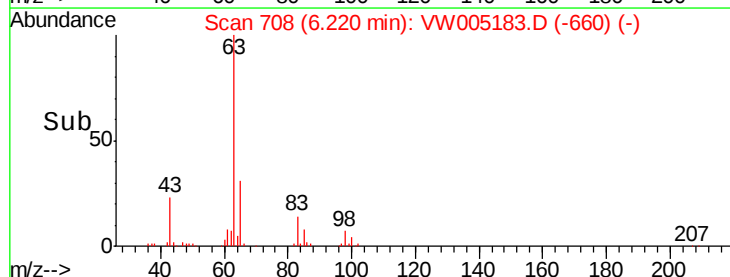
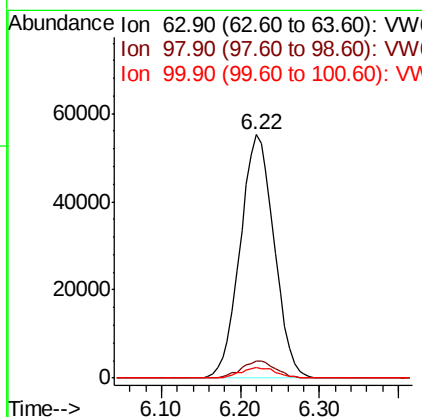
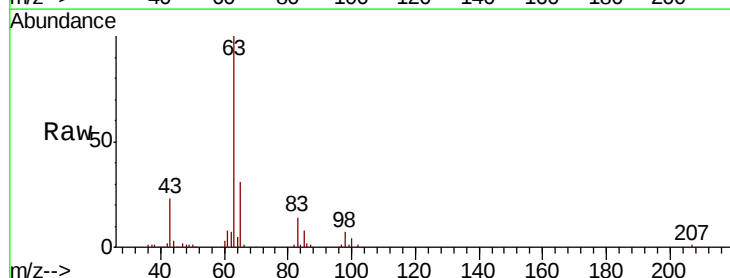
Manual Integrations
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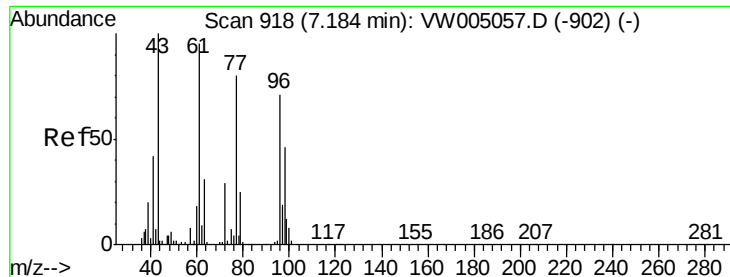
apatel
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#24
 1,1-Dichloroethane
 Concen: 23.88 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.6	10.8
100	4.1	2.2	6.6





#25

2-Butanone

Concen: 131.99 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tot Ion: 43 Resp: 158156

Ion Ratio Lower Upper

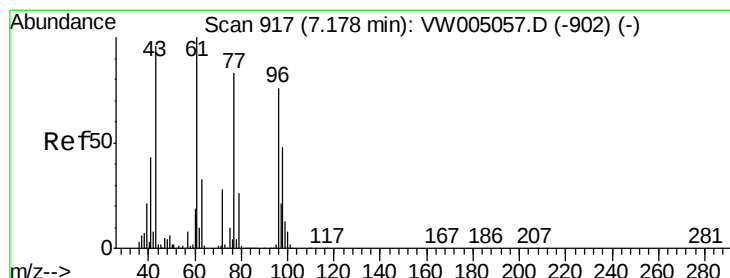
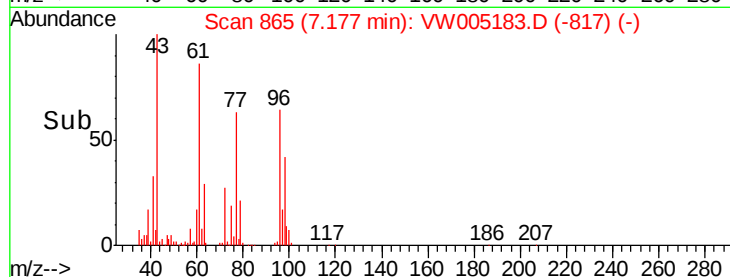
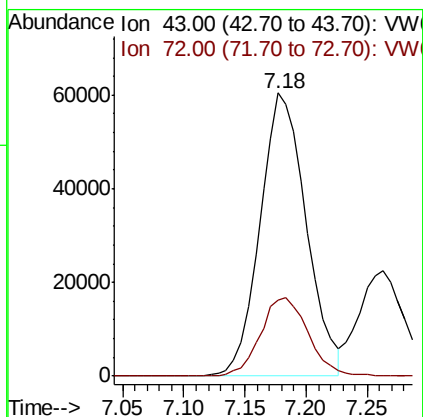
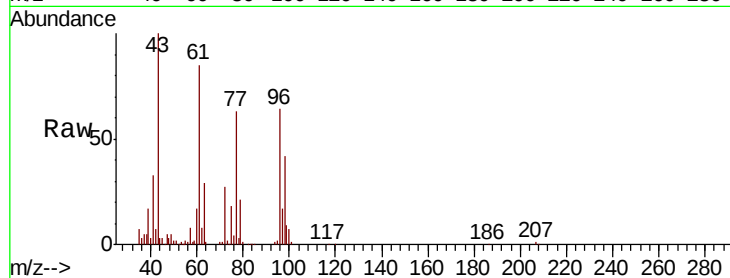
43 100

72 26.8 23.1 34.7

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.32 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005183.D

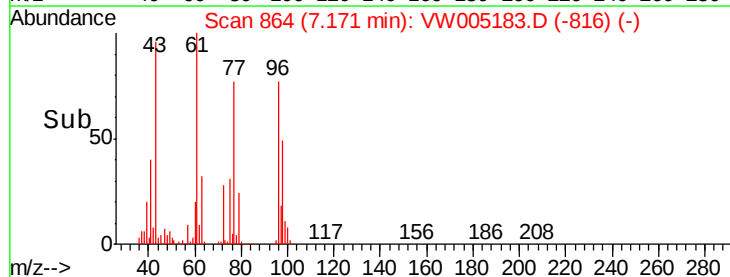
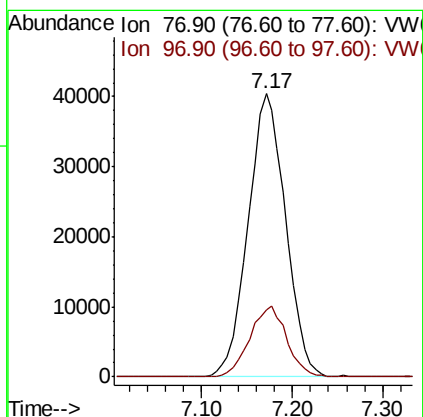
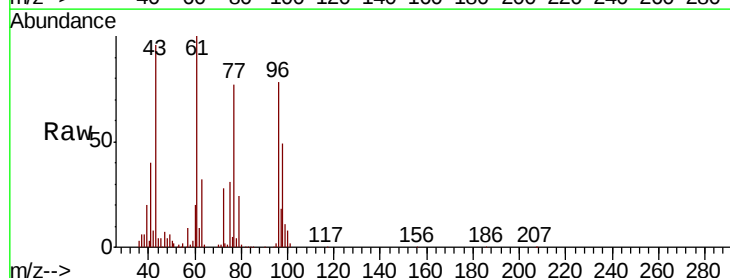
Acq: 07 Sep 2018 01:40

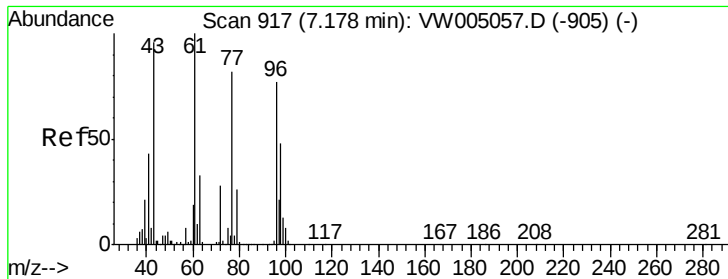
Tgt Ion: 77 Resp: 115374

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6





#27

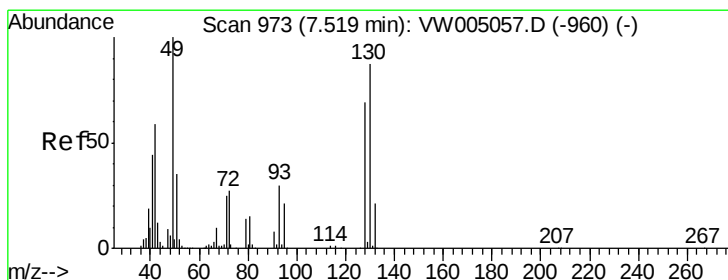
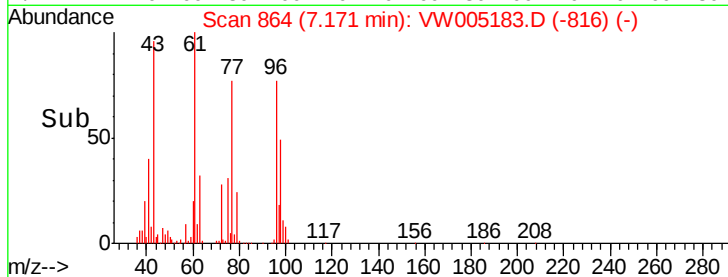
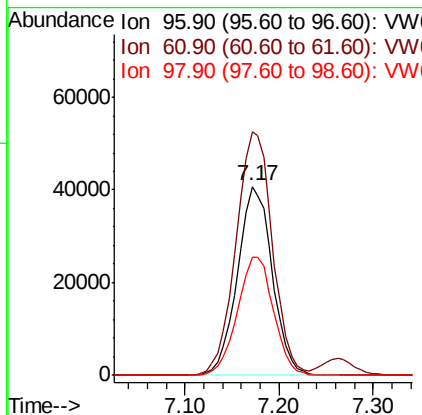
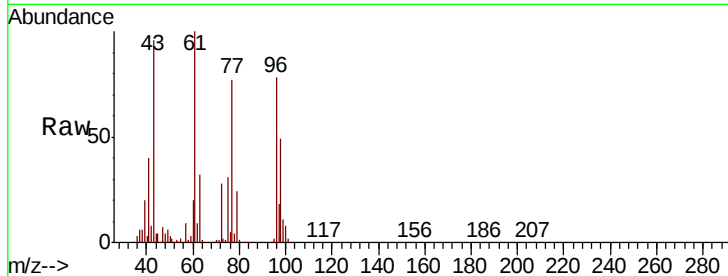
cis-1,2-Dichloroethene
Concen: 23.53 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	105395		
61	134.9	0.0	273.2	
98	64.6	0.0	127.8	

Manual Integrations
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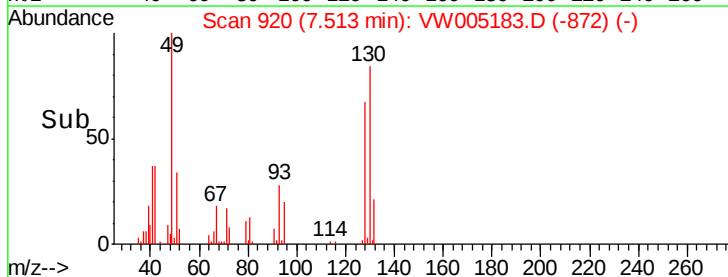
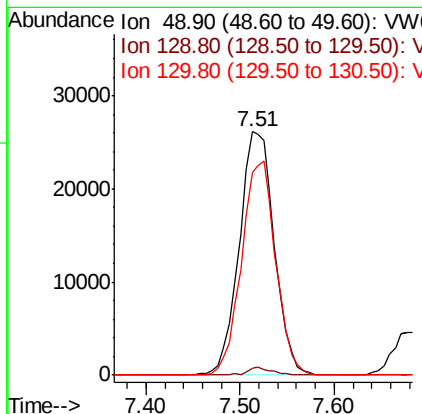
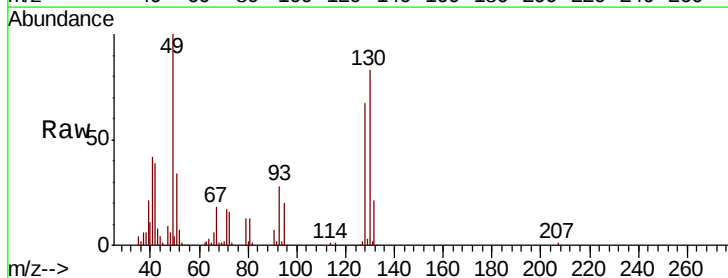
apatel
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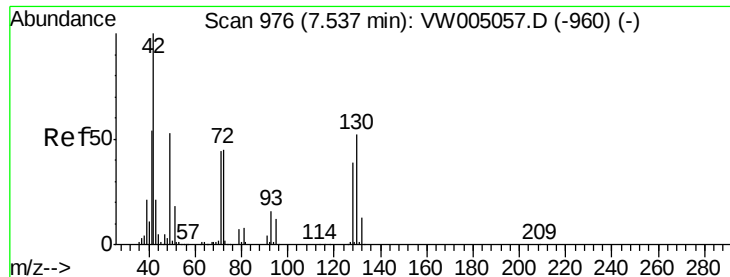


#28

Bromochloromethane
Concen: 24.40 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	67864		
129	2.2	0.0	4.4	
130	85.7	69.6	104.4	





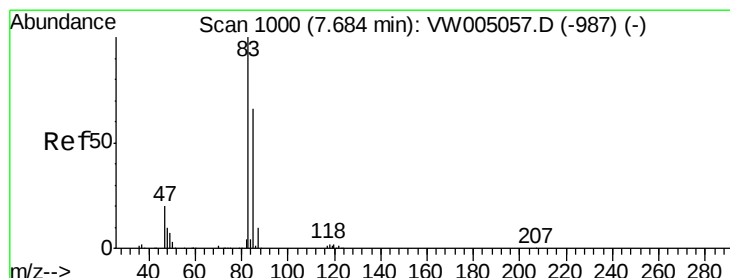
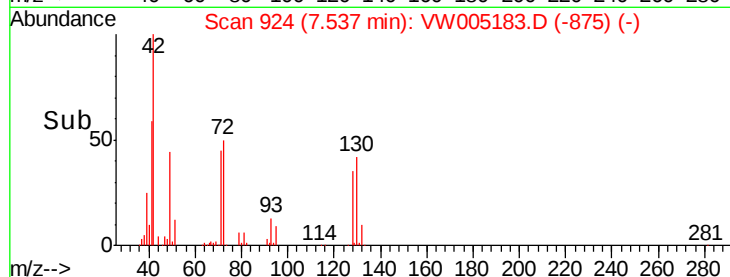
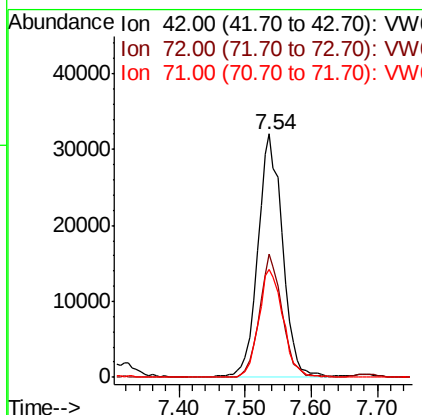
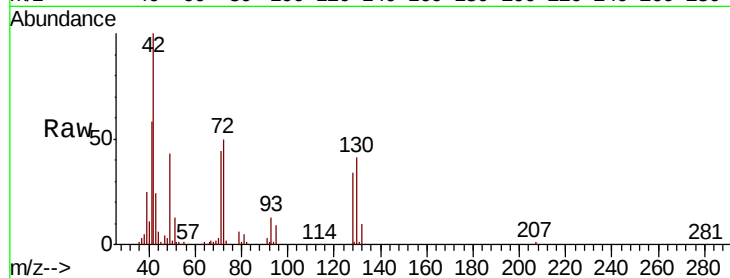
#29
Tetrahydrofuran
Concen: 135.69 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion:	42	Resp:	83077
Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.0	55.4
71	43.8	35.0	52.6

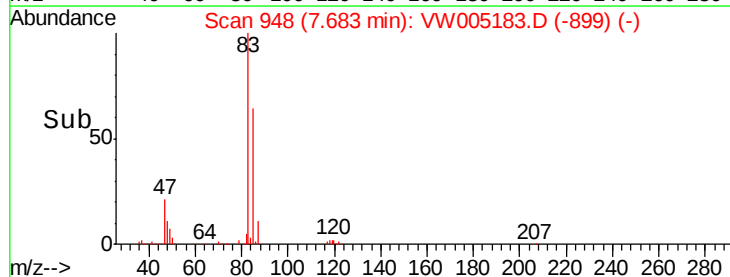
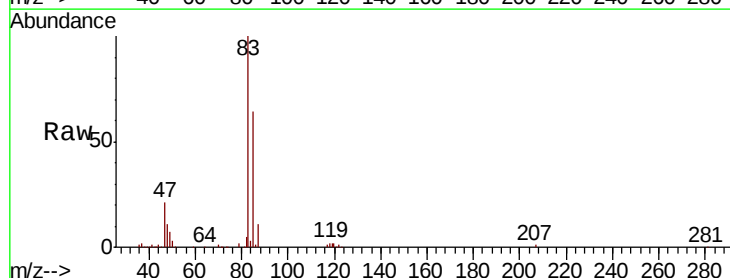
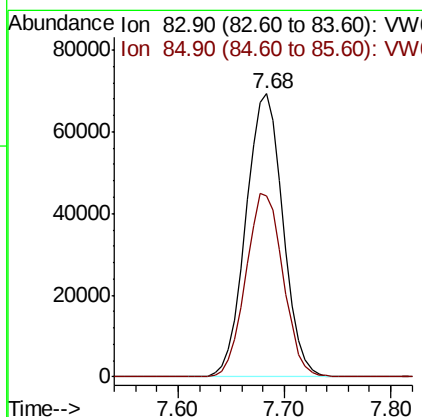
Manual Integrations
APPROVED

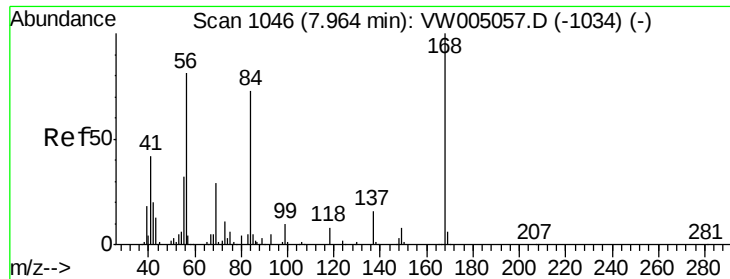
apatel
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#30
Chloroform
Concen: 24.01 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion:	83	Resp:	169312
Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.1	79.7





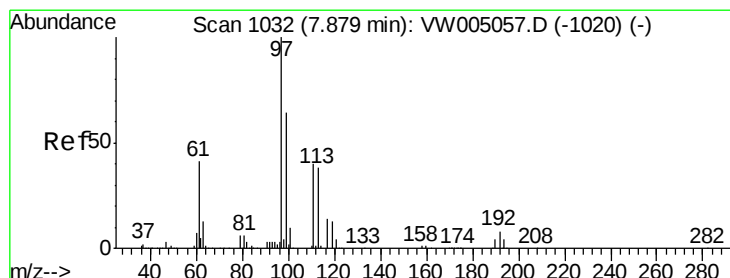
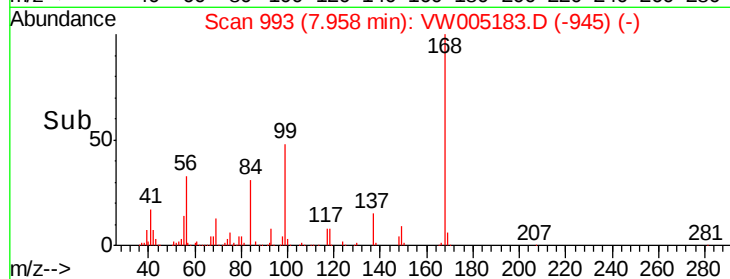
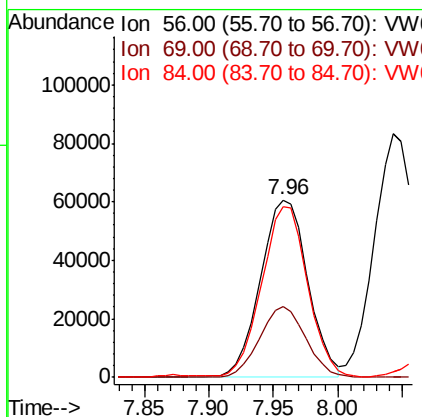
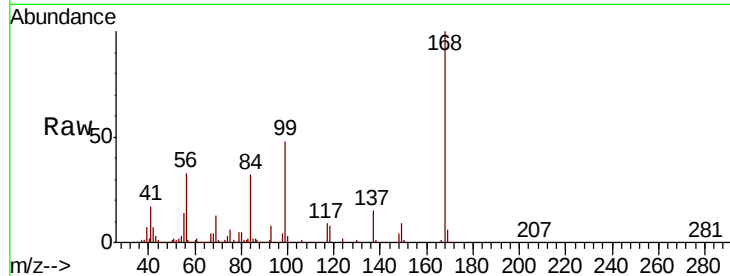
#31
Cyclohexane
Concen: 22.87 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	40.2	28.2	42.2	
84	95.1	71.8	107.8	

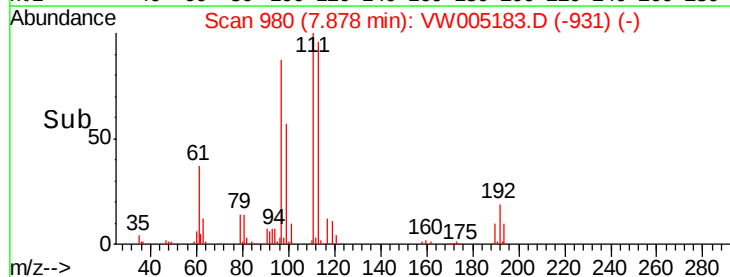
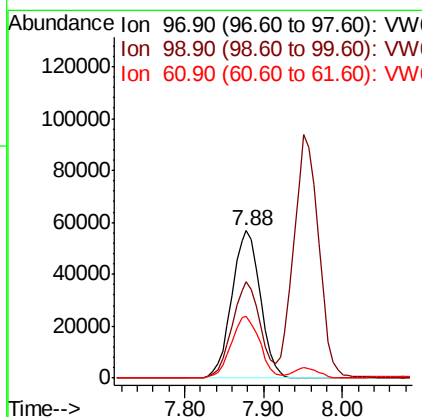
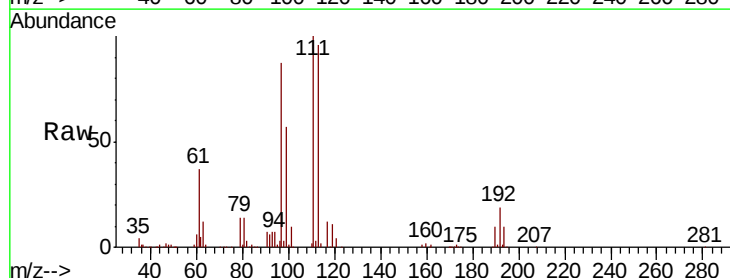
Manual Integrations
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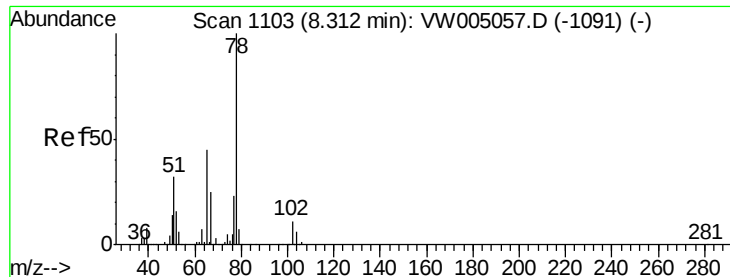
apatel
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#32
1,1,1-Trichloroethane
Concen: 23.13 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.7	51.8	77.8	
61	42.6	33.2	49.8	





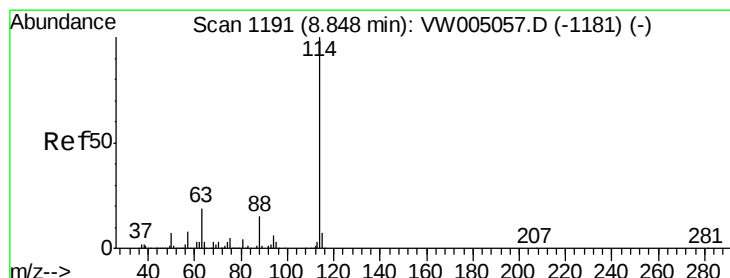
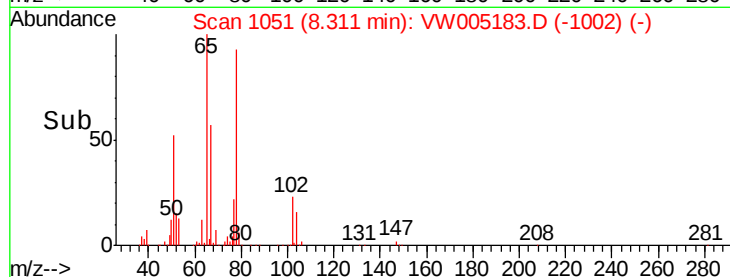
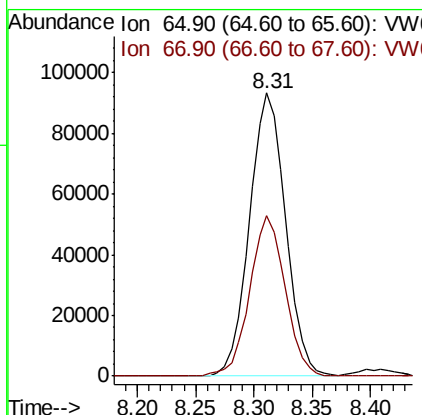
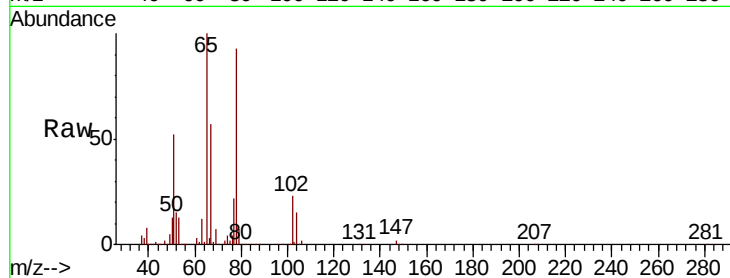
#33
 1,2-Dichloroethane-d4
 Concen: 58.53 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	201627		
67	55.8	0.0	109.4	

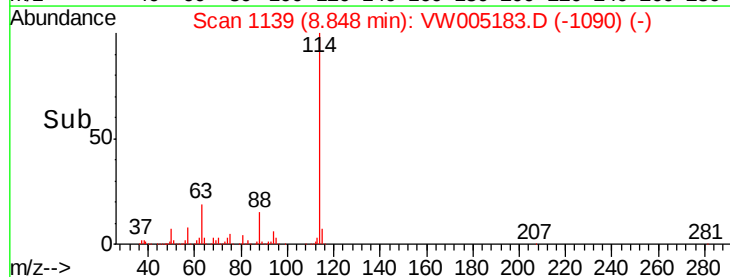
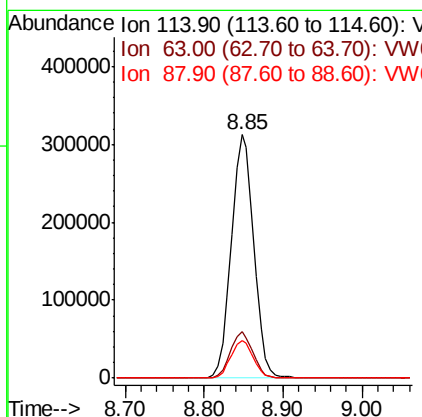
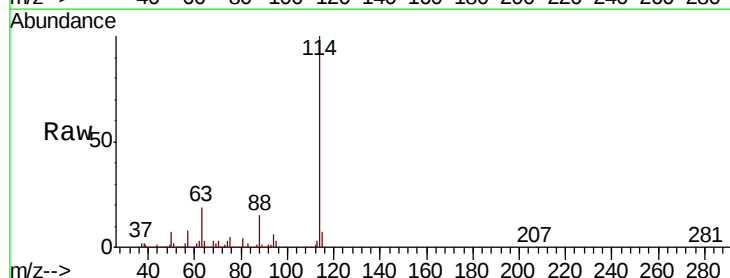
Manual Integrations
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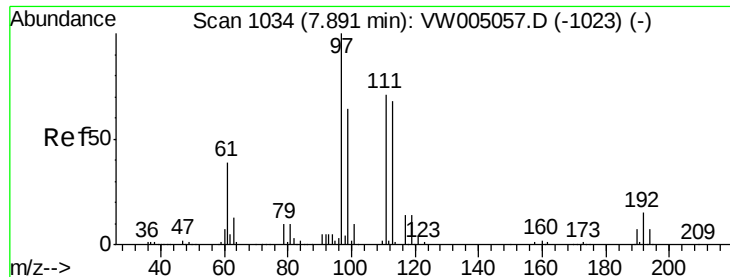
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	619472		
63	19.3	0.0	38.0	
88	15.4	0.0	30.2	





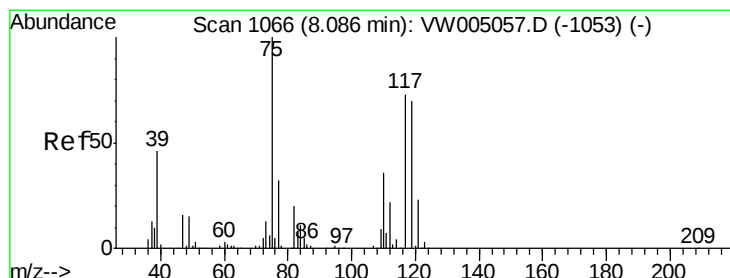
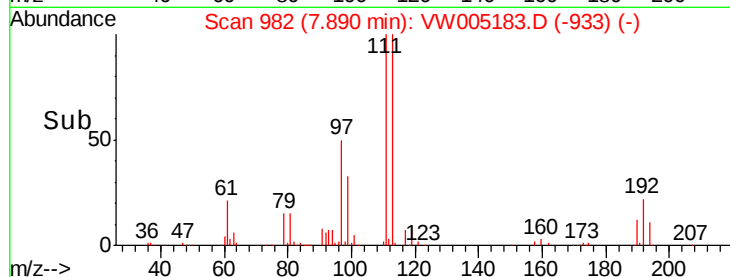
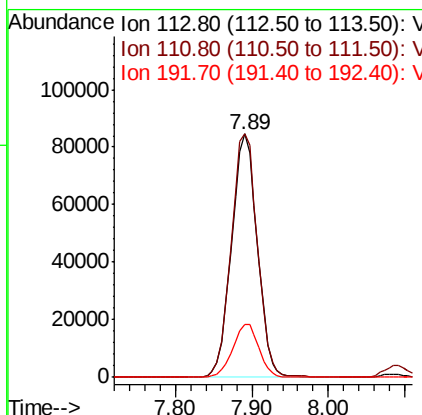
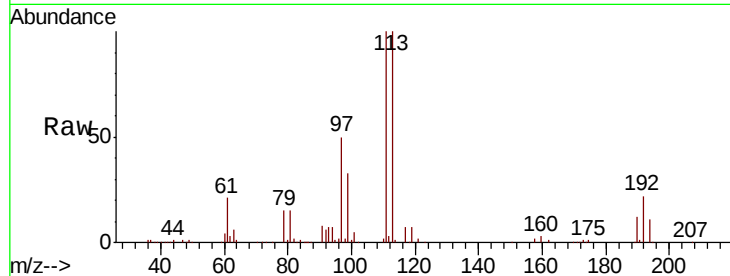
#35
 Dibromofluoromethane
 Concen: 55.06 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	197107		
111	101.9	82.2	123.2	
192	22.1	18.1	27.1	

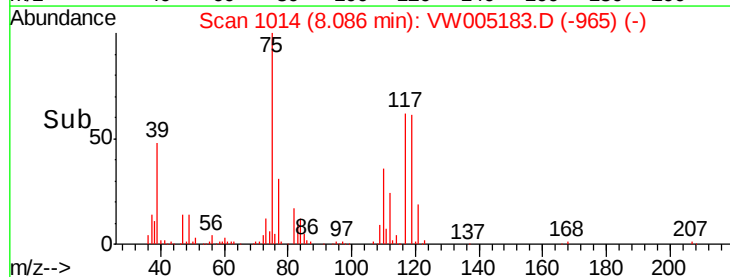
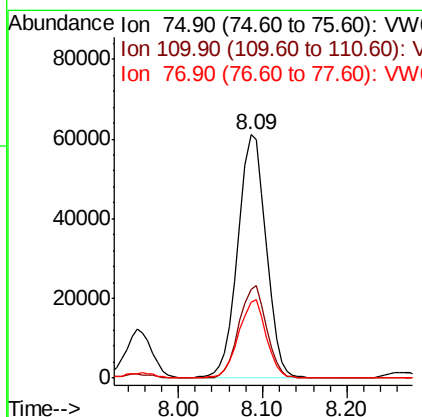
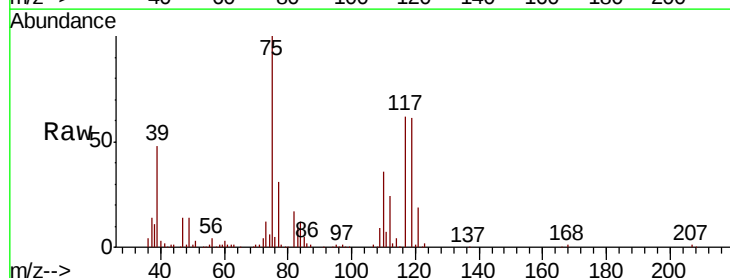
Manual Integrations
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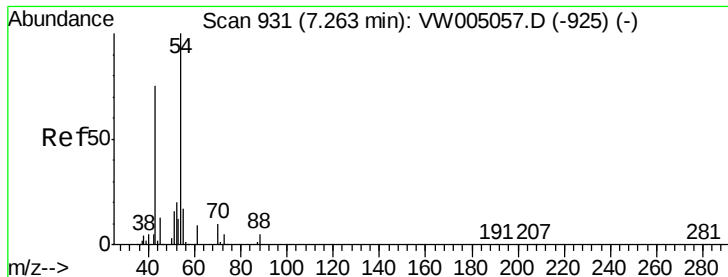
apatel
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#36
 1,1-Dichloropropene
 Concen: 23.56 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	138975		
110	36.8	18.9	56.7	
77	31.6	25.5	38.3	





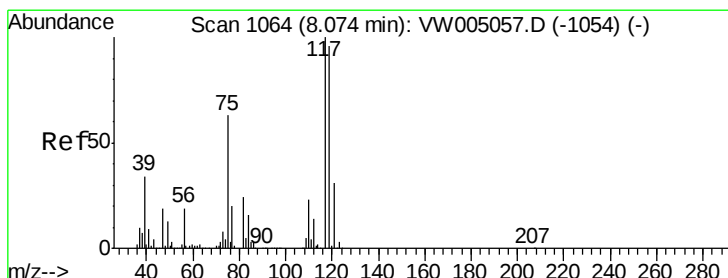
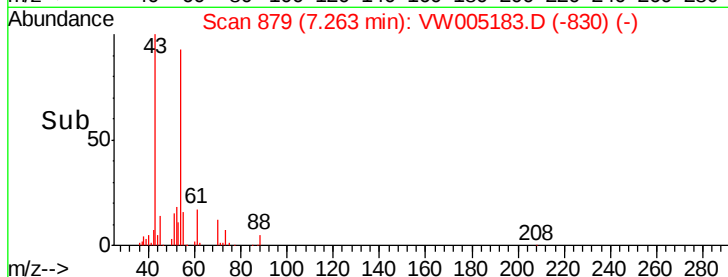
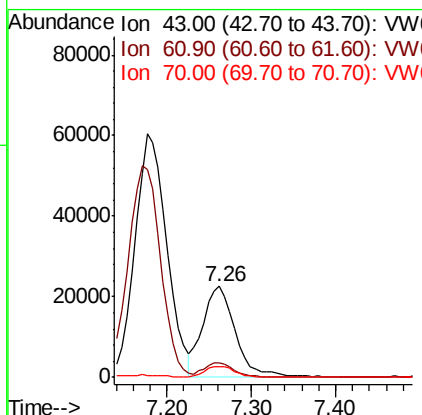
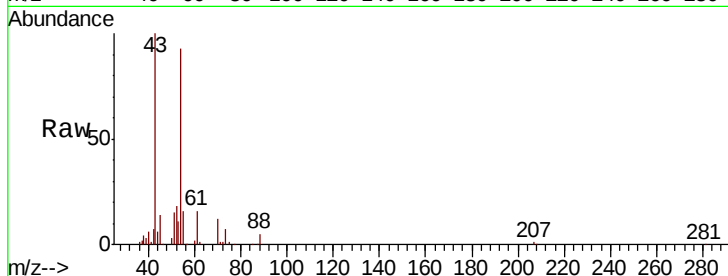
#37
Ethyl Acetate
Concen: 27.26 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.1	18.1
70	11.9	9.4	14.2

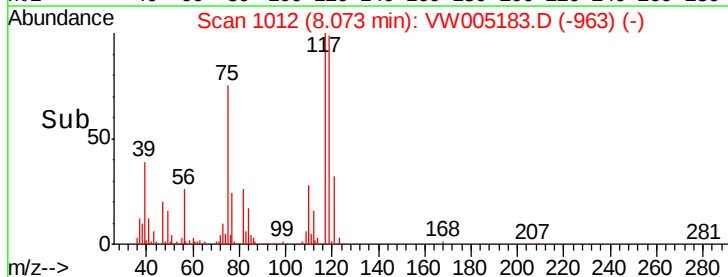
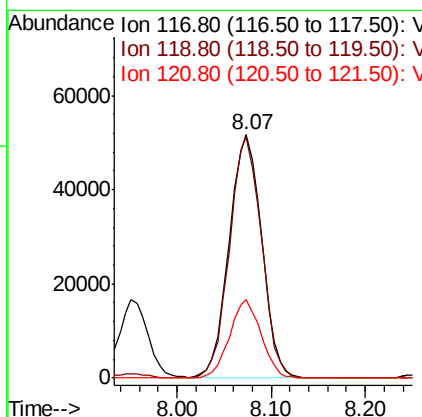
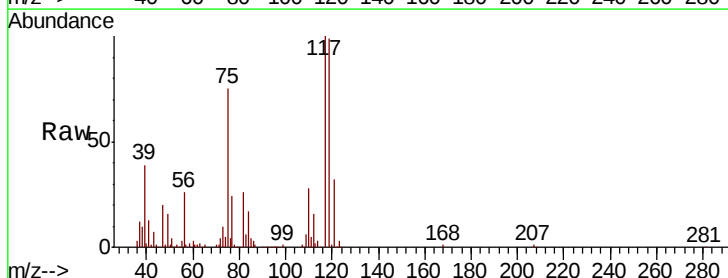
Manual Integrations
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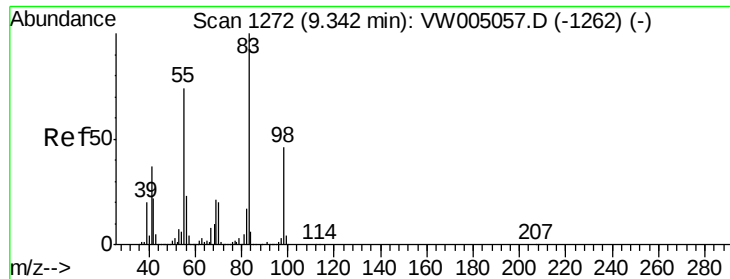
apatel
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#38
Carbon Tetrachloride
Concen: 22.22 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	76.6	115.0
121	32.2	24.8	37.2





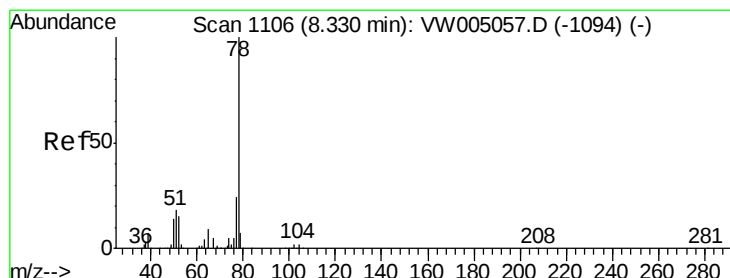
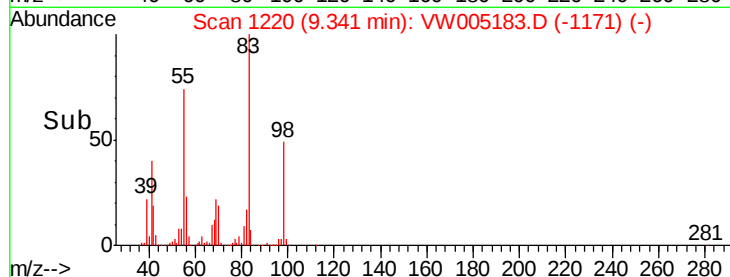
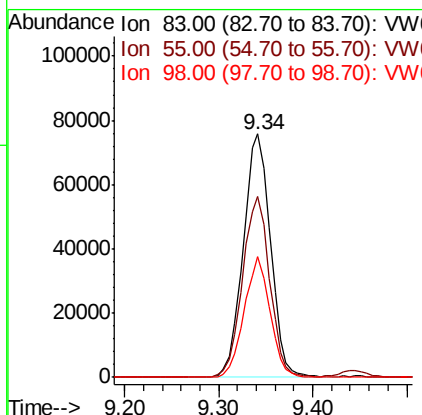
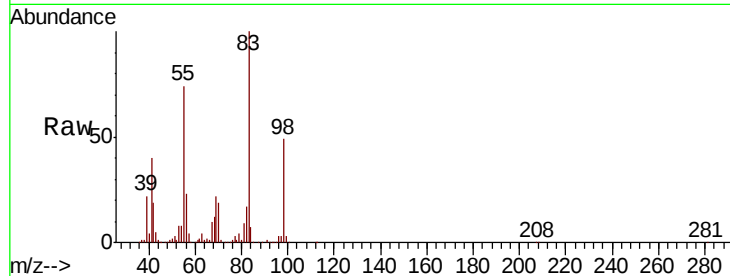
#39
Methvlcvclohexane
Concen: 21.42 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	152856		
55	74.3		58.9	88.3
98	49.5		36.8	55.2

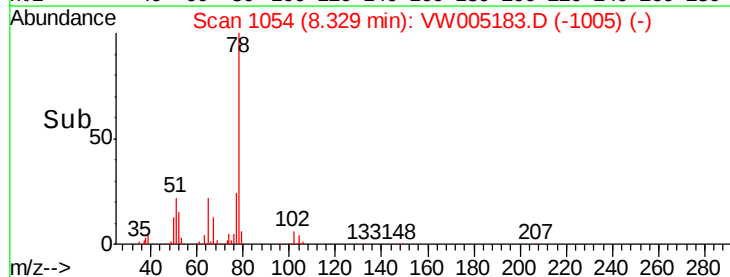
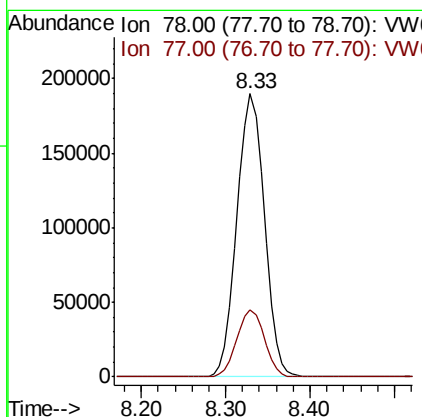
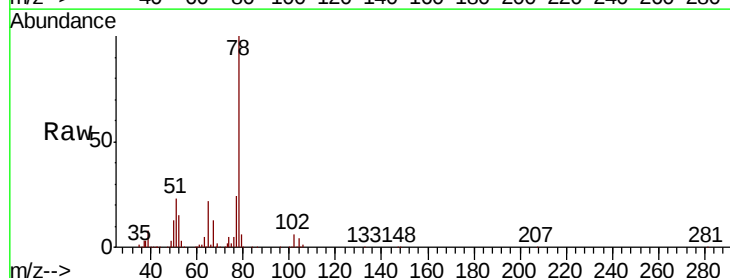
Manual Integrations
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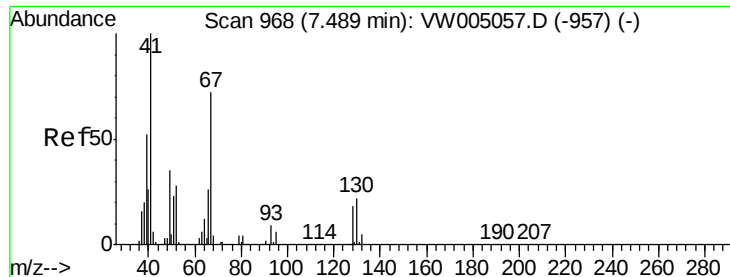
apatel
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#40
Benzene
Concen: 23.24 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	419719		
77	23.8		19.4	29.0





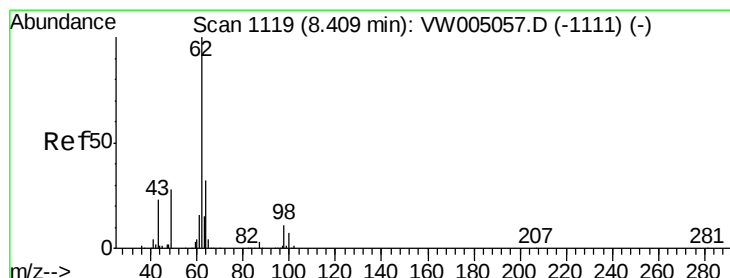
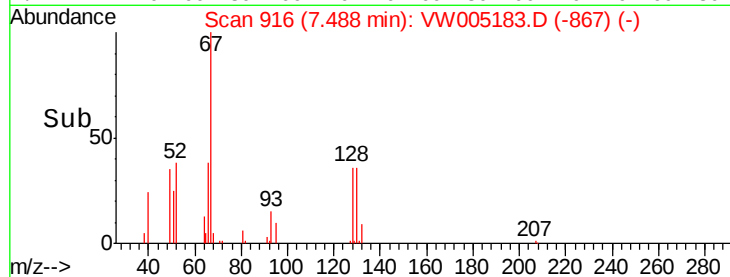
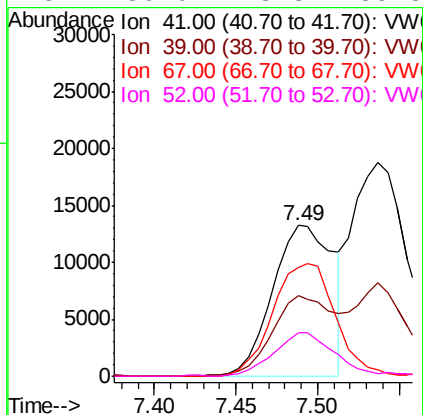
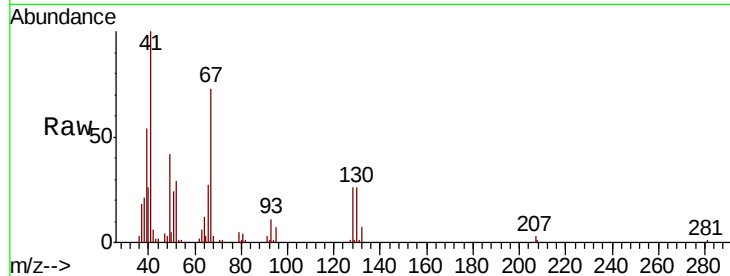
#41
Methacrylonitrile
Concen: 26.79 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	34250		
39	39	52.9		41.8	62.8
67	67	77.3		60.4	90.6
52	52	30.0		23.8	35.8

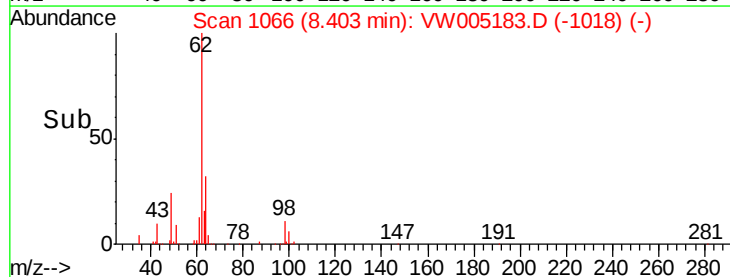
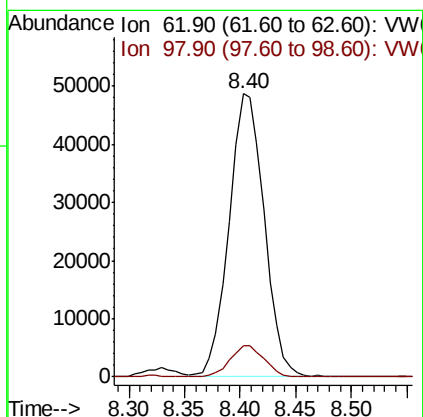
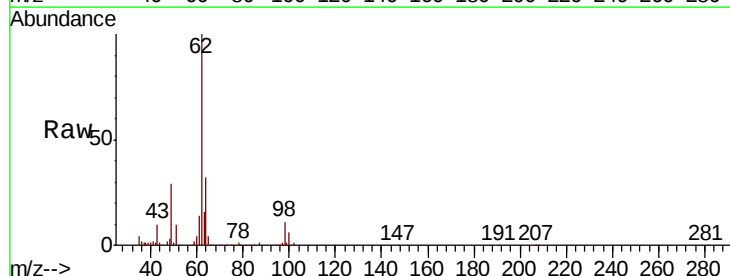
Manual Integrations
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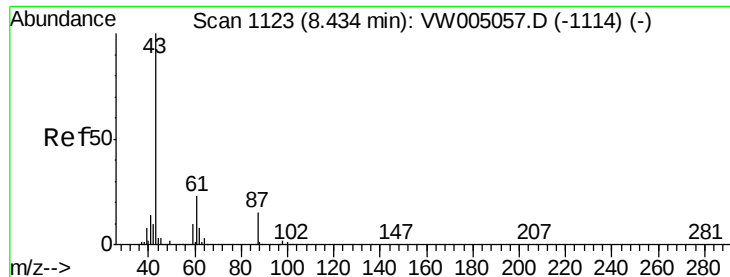
apatel
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#42
1,2-Dichloroethane
Concen: 24.17 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	106843		
98	98	10.7		0.0	21.8





#43

Isopropyl Acetate

Concen: 25.99 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

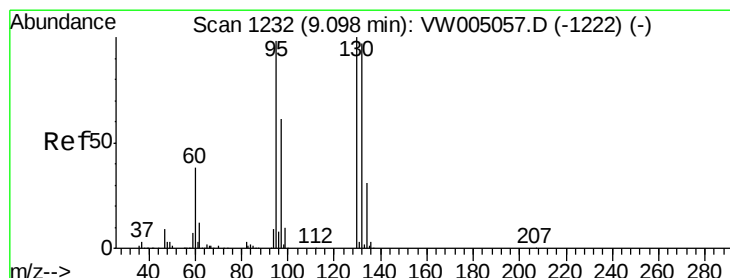
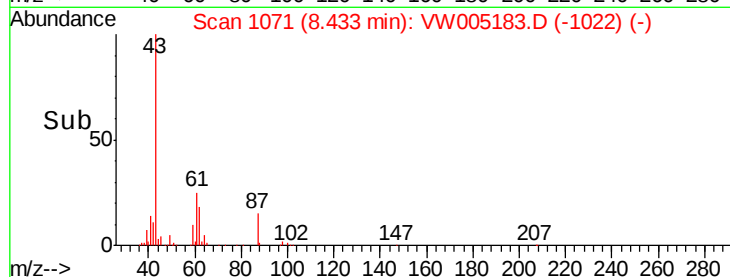
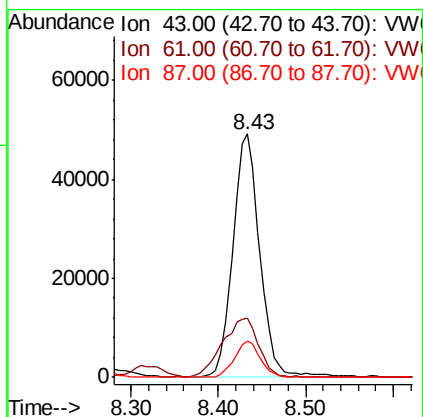
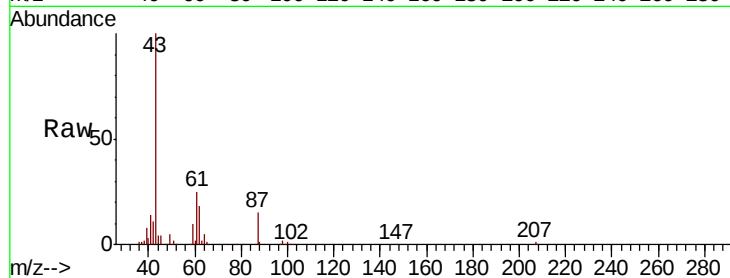
ClientSampleId :

VW0906SBS02

Tot Ion:	43	Resp:	104352
Ion	Ratio	Lower	Upper
43	100		
61	33.0	26.8	40.2
87	14.3	11.6	17.4

Manual Integrations
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#44

Trichloroethene

Concen: 23.15 ug/l

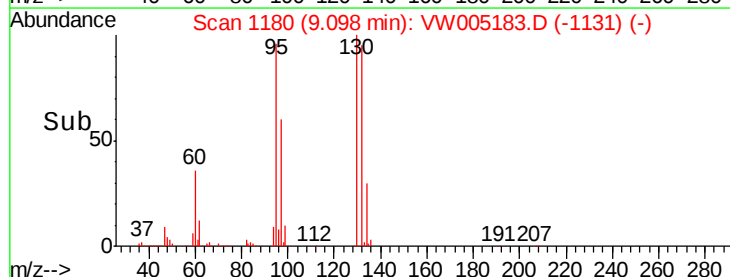
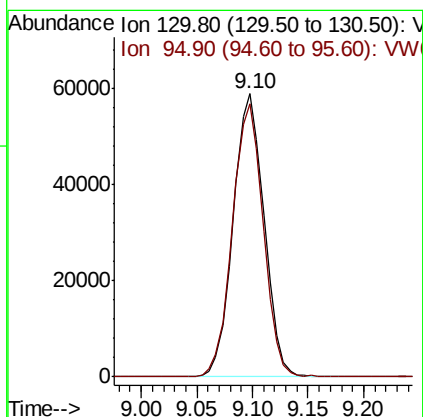
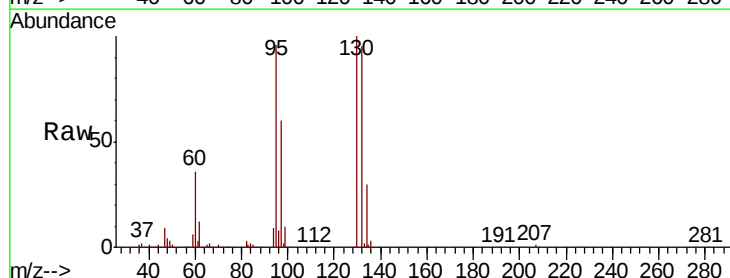
RT: 9.10 min Scan# 1180

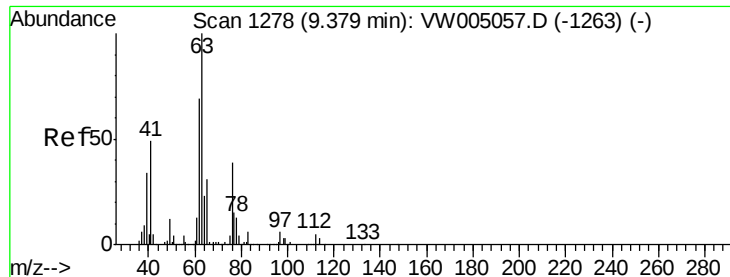
Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Tgt Ion:	130	Resp:	112812
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	195.2





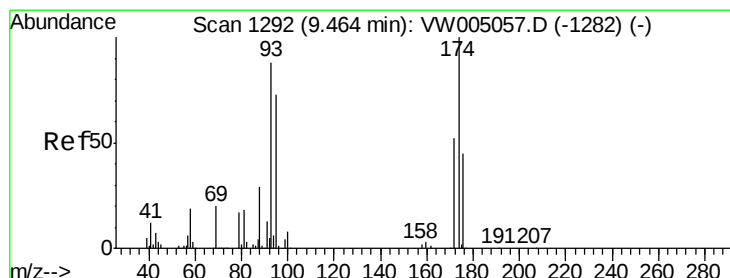
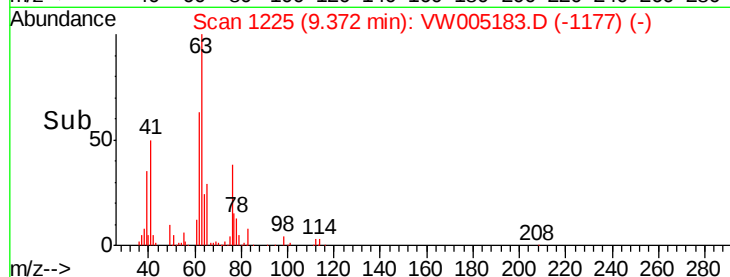
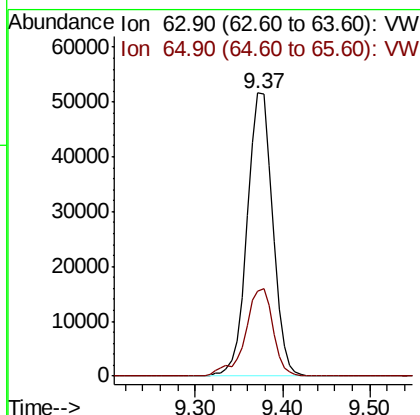
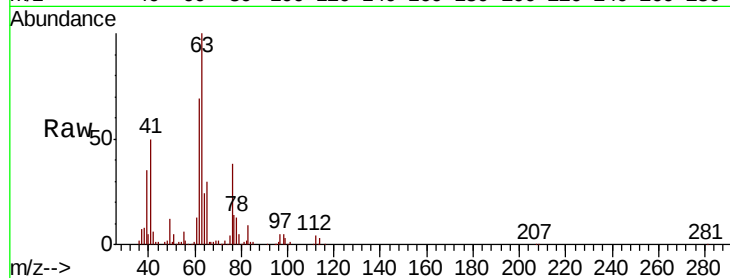
#45
 1,2-Dichloropropane
 Concen: 23.72 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.6	37.0

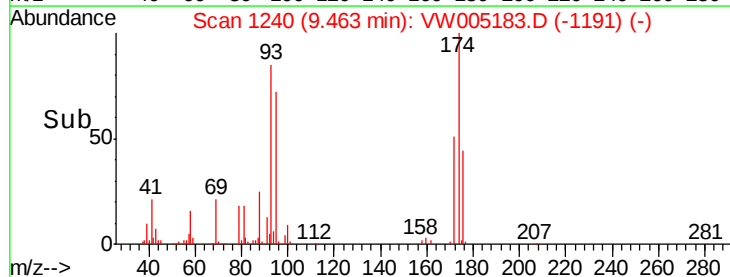
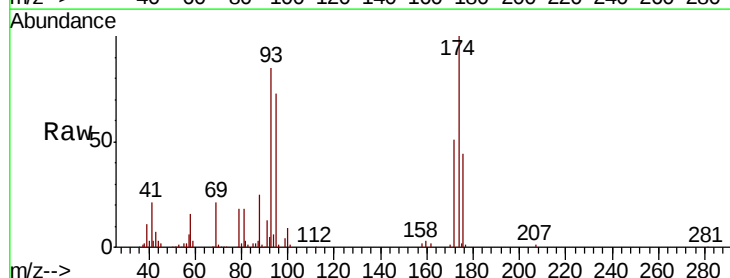
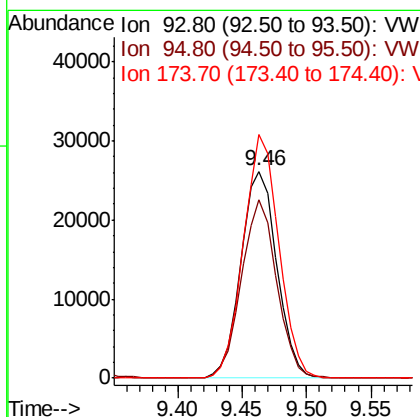
Manual Integrations
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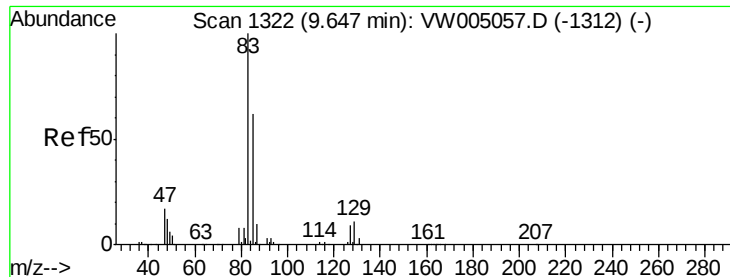
apatel
 9/7/2018 12:35:36 PM



#46
 Dibromomethane
 Concen: 23.89 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	66.2	99.4
174	115.8	92.0	138.0





#47

Bromodichloromethane

Concen: 23.41 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

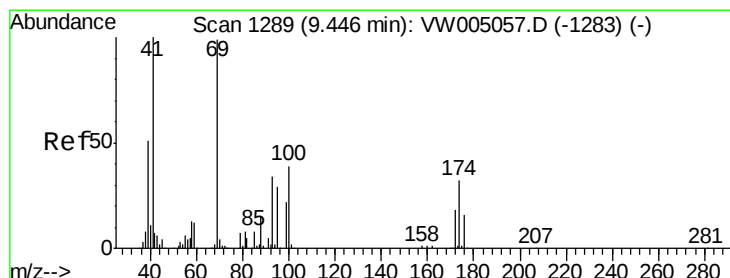
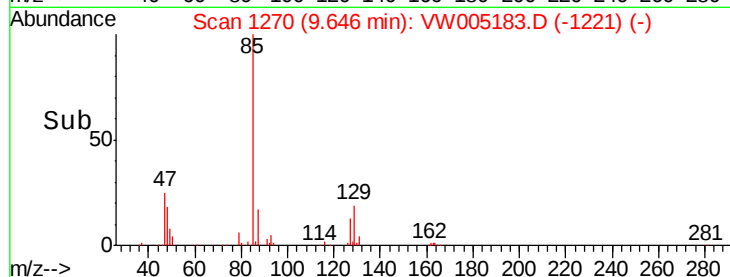
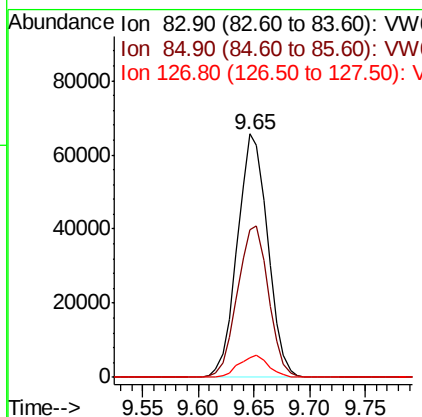
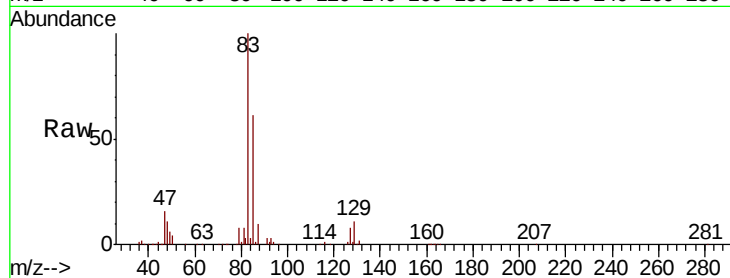
ClientSampled :

VW0906SBS02

Tot Ion:	83	Resp:	124353
Ion Ratio	Lower	Upper	
83	100		
85	60.7	49.8	74.6
127	8.1	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 24.49 ug/l

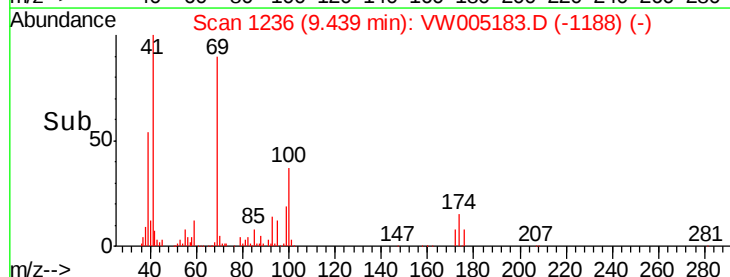
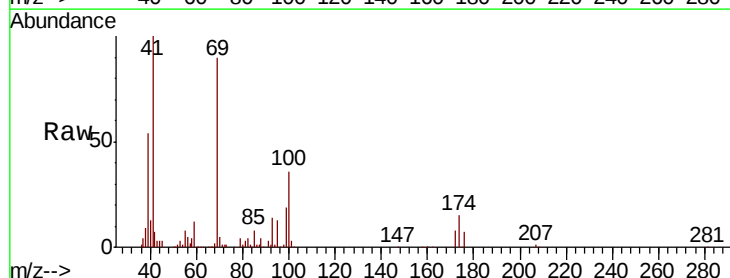
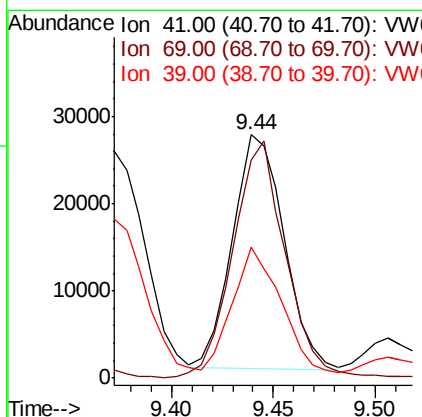
RT: 9.44 min Scan# 1236

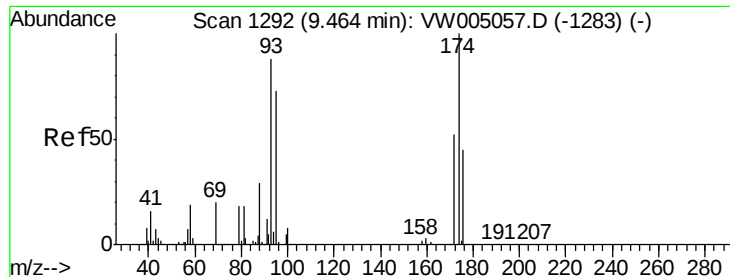
Delta R.T. -0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Tgt Ion:	41	Resp:	47353
Ion Ratio	Lower	Upper	
41	100		
69	101.6	80.4	120.6
39	54.6	43.5	65.3





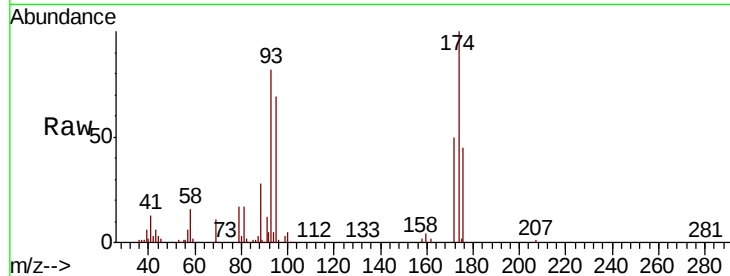
#49
1,4-Dioxane
Concen: 514.37 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion	88	Resp	17550
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	19.8	29.6#
58	69.1	57.1	85.7

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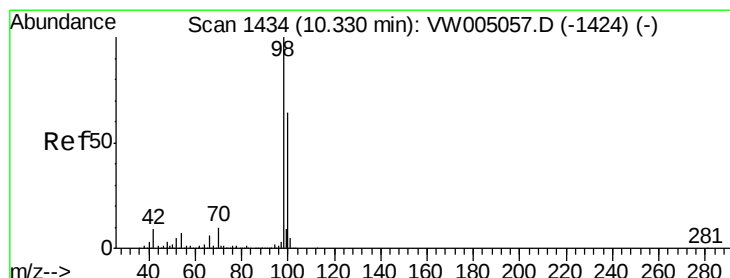
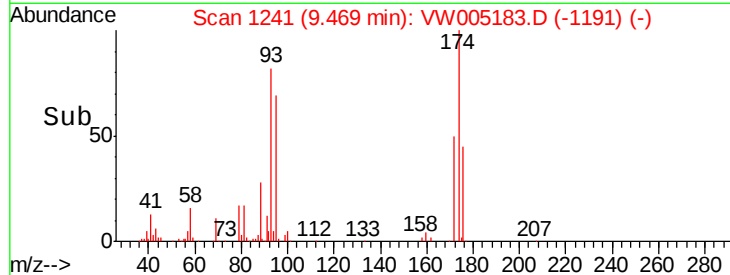
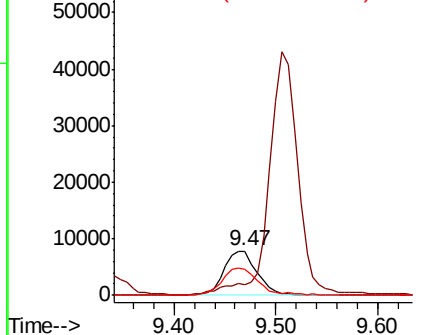


Abundance

Ion 88.00 (87.70 to 88.70): VW

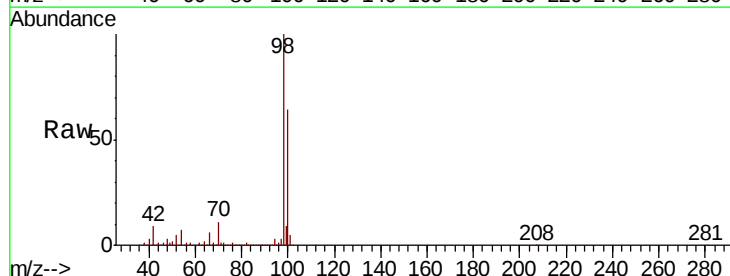
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 54.82 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

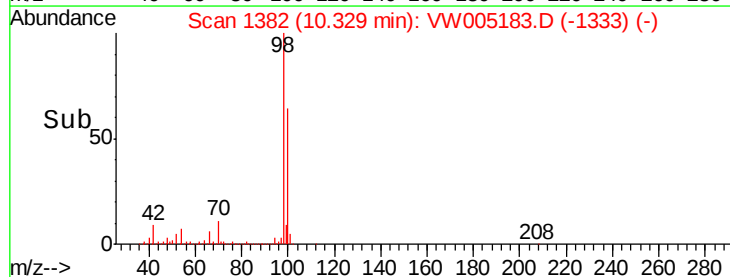
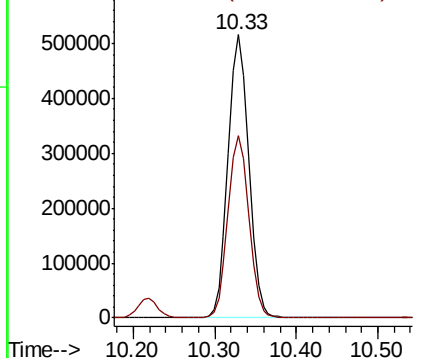
Tgt Ion	98	Resp	904216
Ion Ratio	100	Lower	Upper
98	100		
100	64.9	51.7	77.5

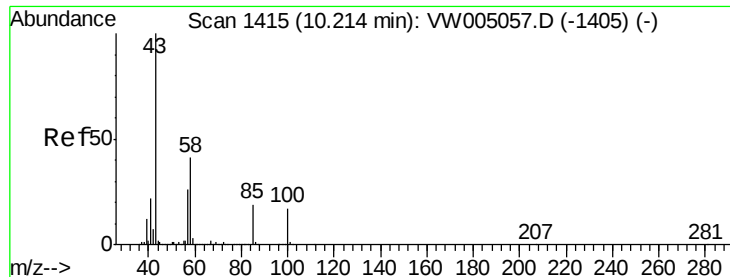


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 133.85 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampled :

VW0906SBS02

Tot Ion: 43 Resp: 360167

Ion Ratio Lower Upper

43 100

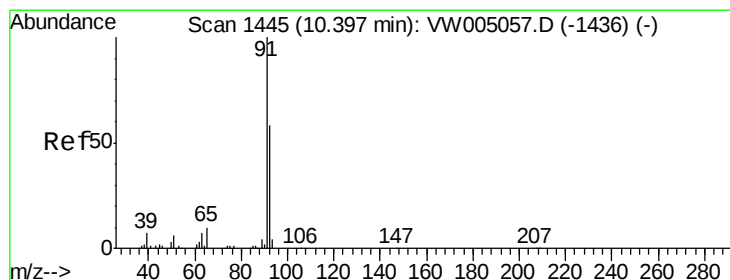
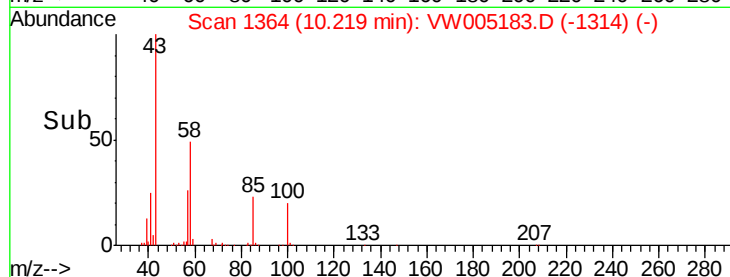
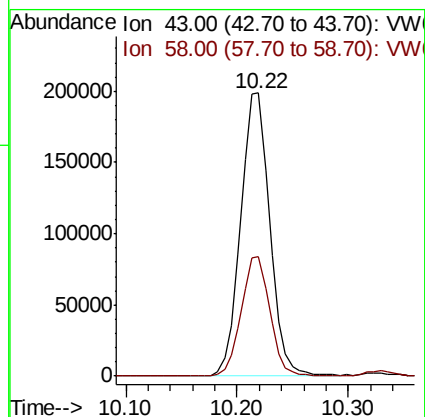
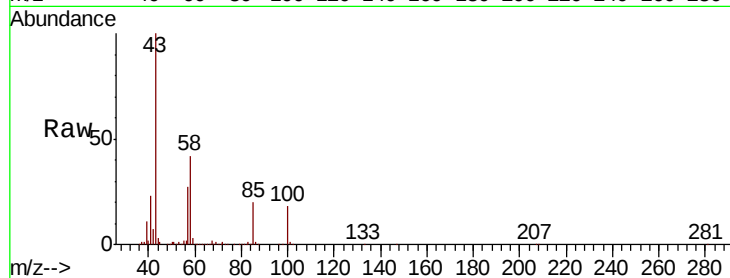
58 41.6 33.3 49.9

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#52

Toluene

Concen: 23.01 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005183.D

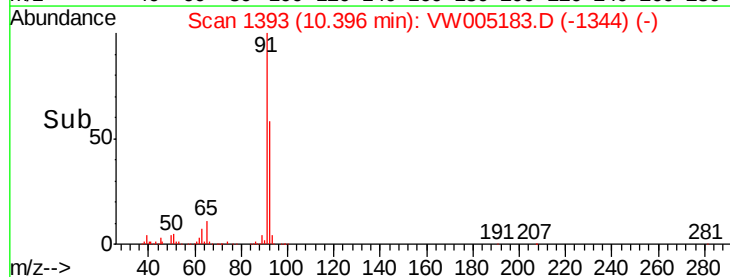
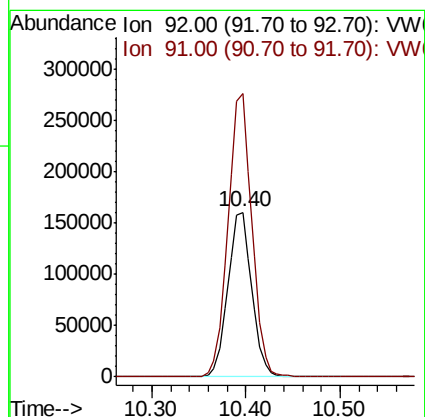
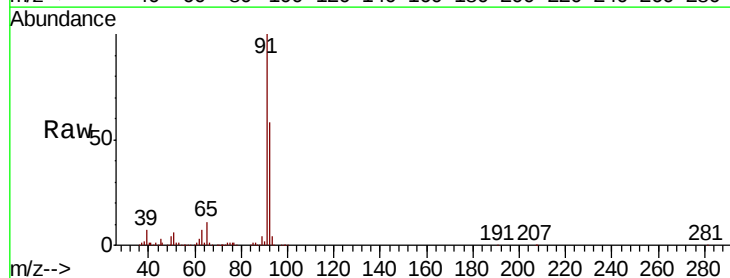
Acq: 07 Sep 2018 01:40

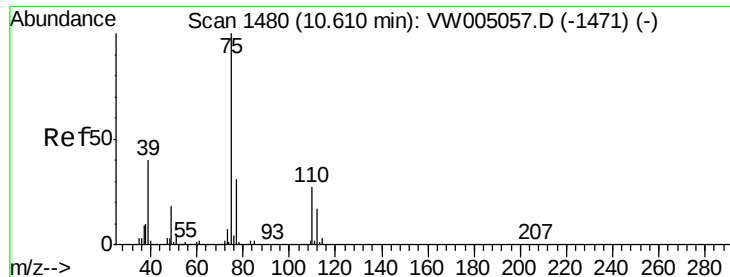
Tgt Ion: 92 Resp: 281635

Ion Ratio Lower Upper

92 100

91 171.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 23.97 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tot Ion: 75 Resp: 125104

Ion Ratio Lower Upper

75 100

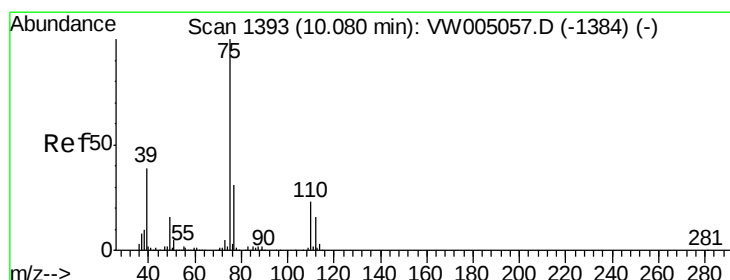
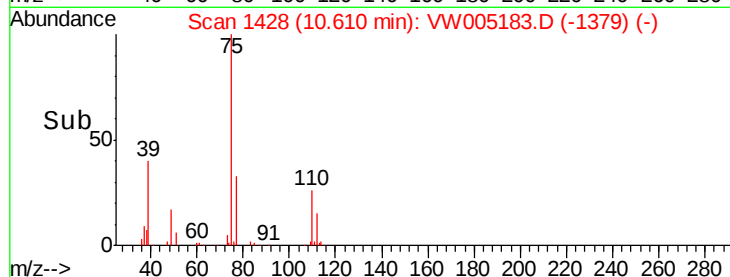
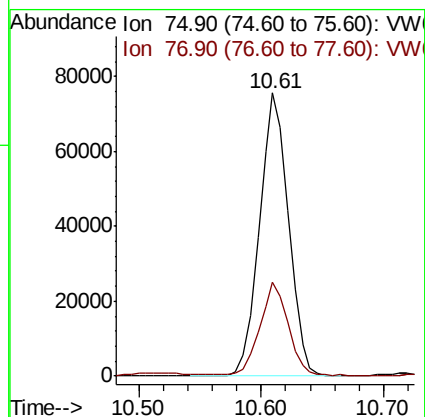
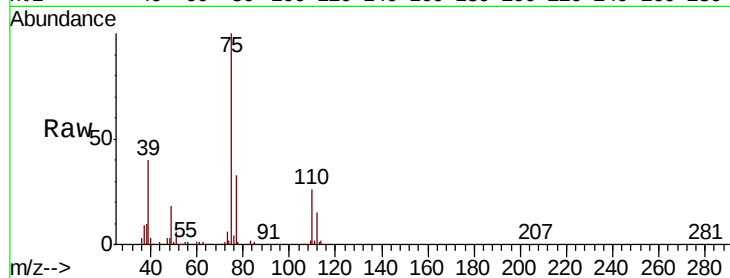
77 32.6 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 23.87 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

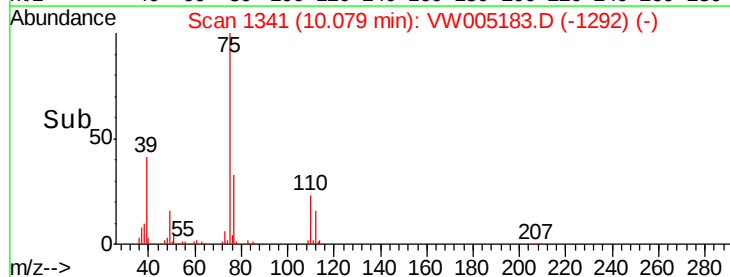
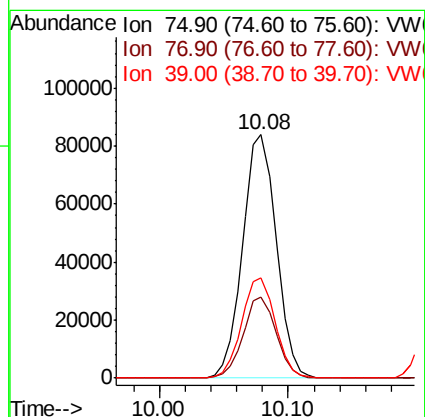
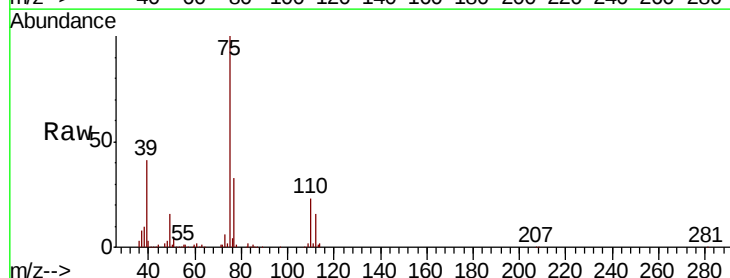
Tgt Ion: 75 Resp: 151551

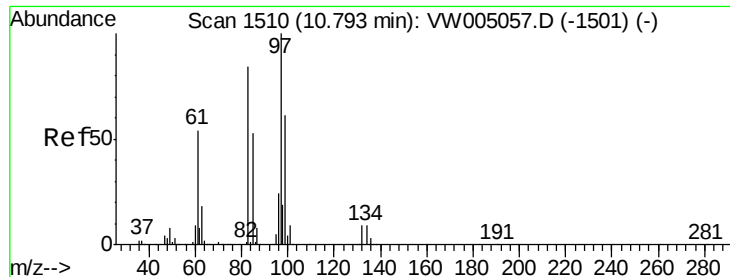
Ion Ratio Lower Upper

75 100

77 33.0 24.9 37.3

39 40.9 31.0 46.6





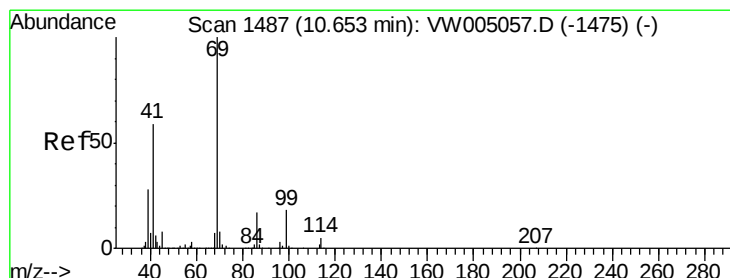
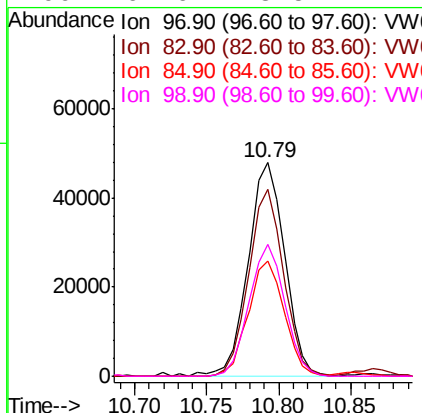
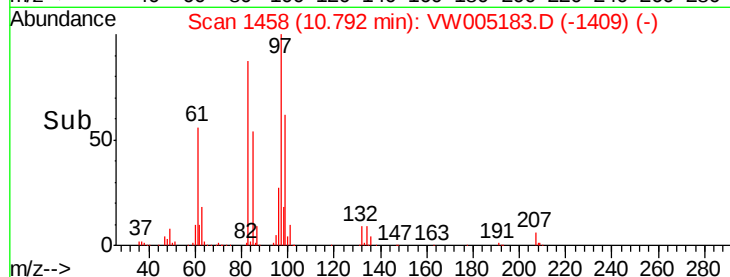
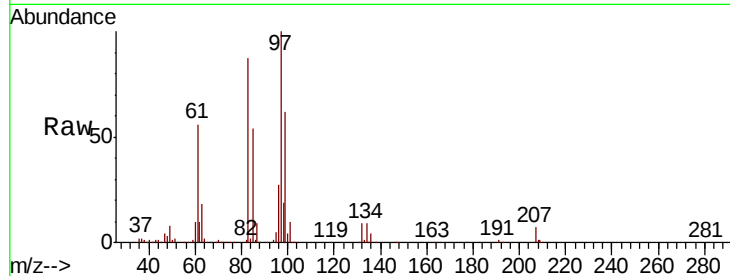
#55
 1,1,2-Trichloroethane
 Concen: 25.70 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tot Ion:	97	Resp:	83950
Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.0	100.6
85	54.0	42.3	63.5
99	61.6	48.5	72.7

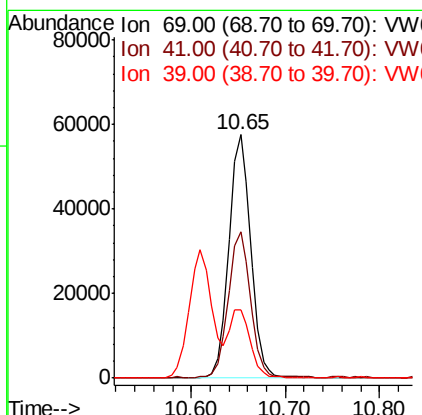
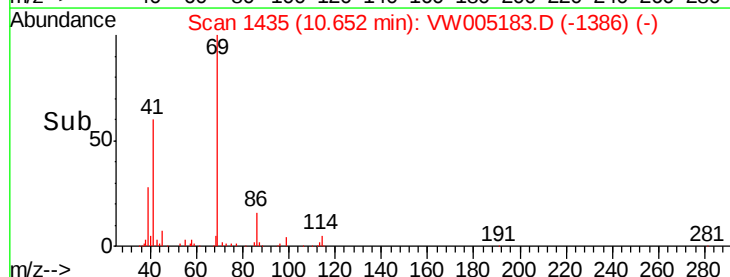
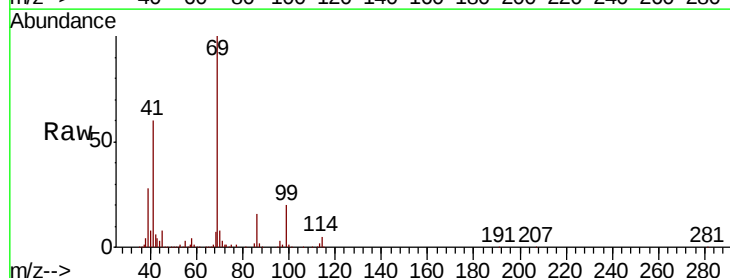
Manual Integrations
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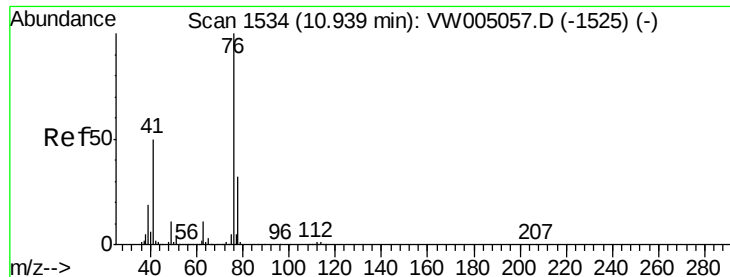
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#56
 Ethyl methacrylate
 Concen: 25.02 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion:	69	Resp:	93227
Ion	Ratio	Lower	Upper
69	100		
41	61.8	47.8	71.6
39	26.8	21.1	31.7





#57

1,3-Dichloropropane

Concen: 25.30 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampled :

VW0906SBS02

Tot Ion: 76 Resp: 136074

Ion Ratio Lower Upper

76 100

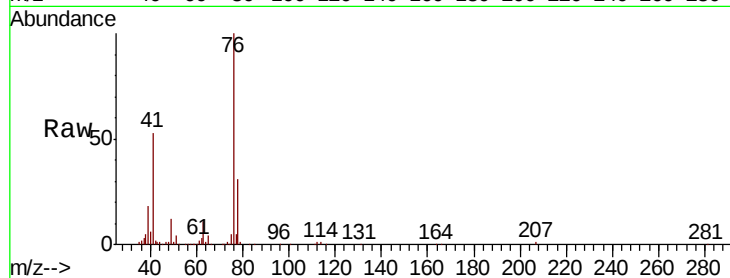
78 32.4 26.3 39.5

Manual Integrations

APPROVED

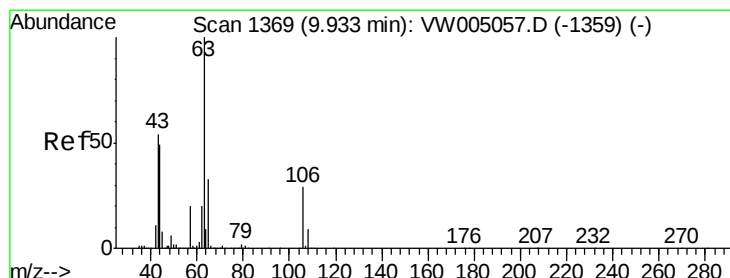
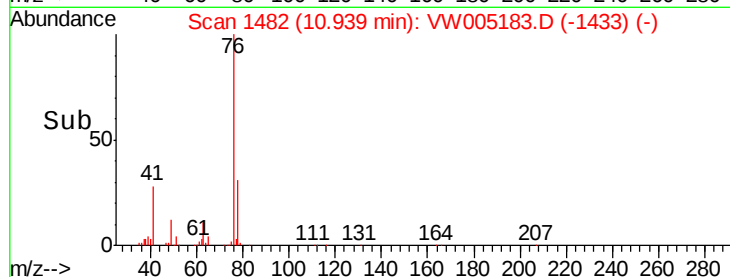
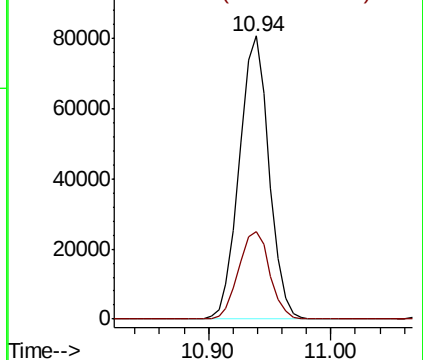
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 111.54 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005183.D

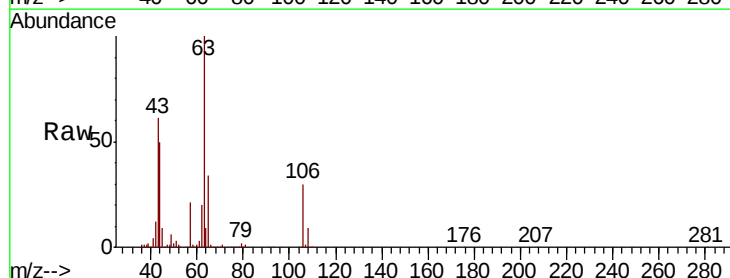
Acq: 07 Sep 2018 01:40

Tgt Ion: 63 Resp: 196978

Ion Ratio Lower Upper

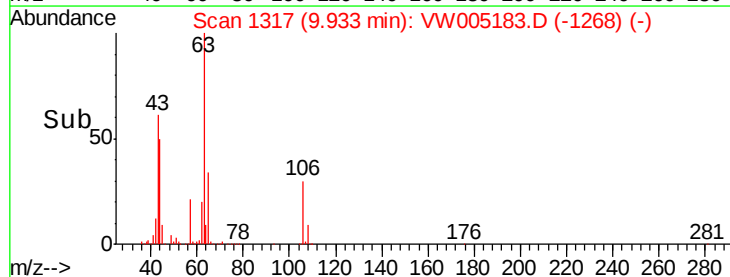
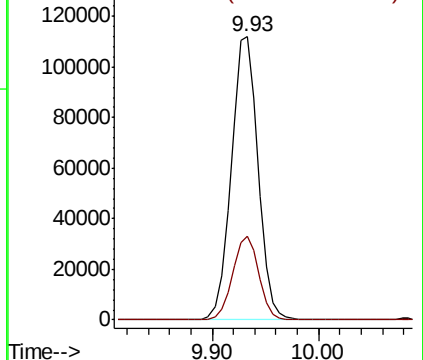
63 100

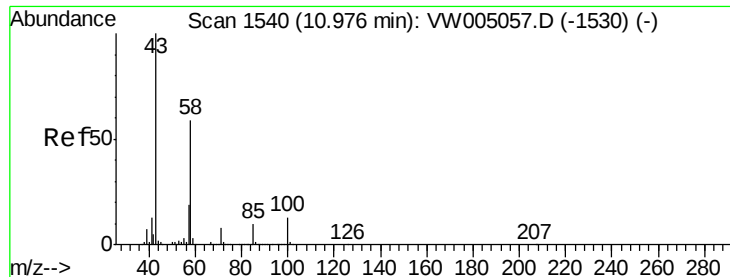
106 29.0 23.1 34.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





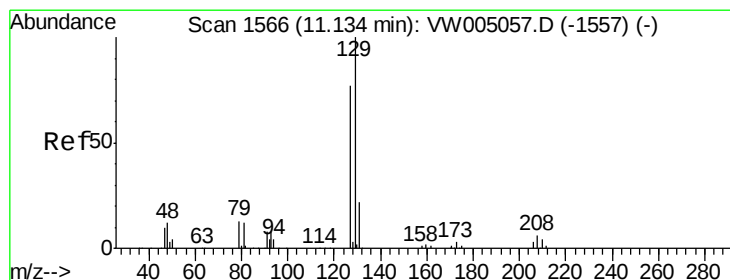
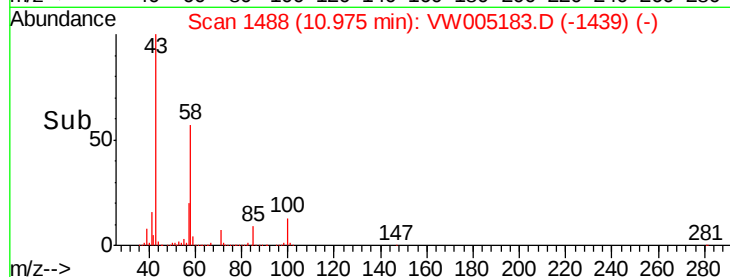
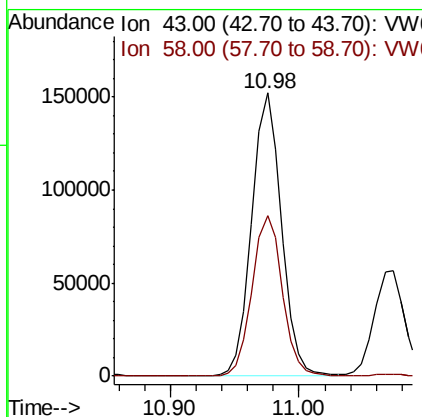
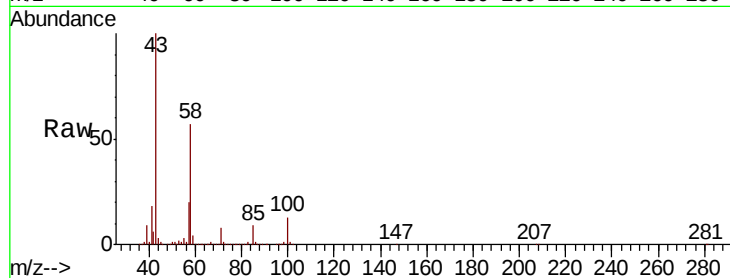
#59
2-Hexanone
Concen: 133.09 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion: 43 Resp: 242211
Ion Ratio Lower Upper
43 100
58 57.6 28.7 86.3

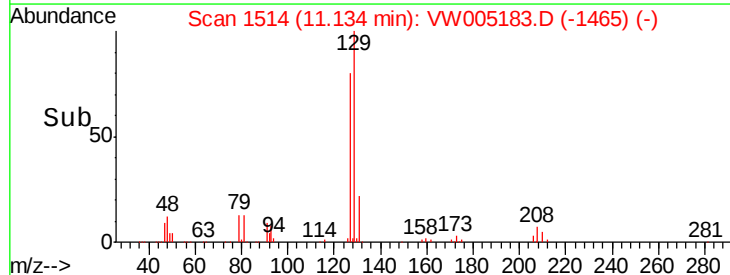
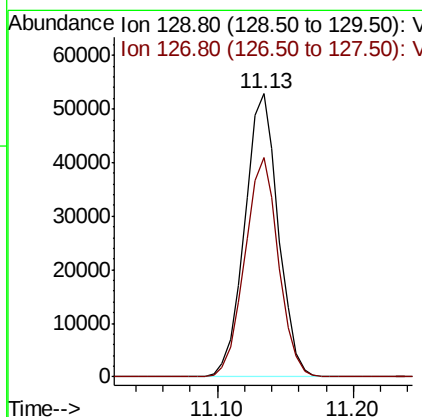
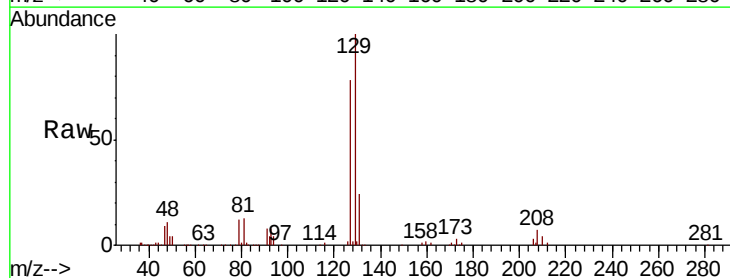
Manual Integrations
APPROVED

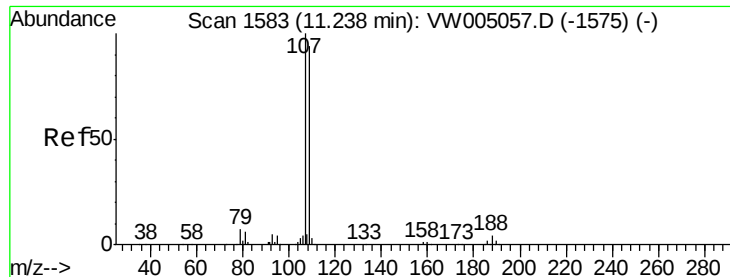
apatel
9/7/2018 12:35:36 PM



#60
Dibromochloromethane
Concen: 24.70 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion: 129 Resp: 91216
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7





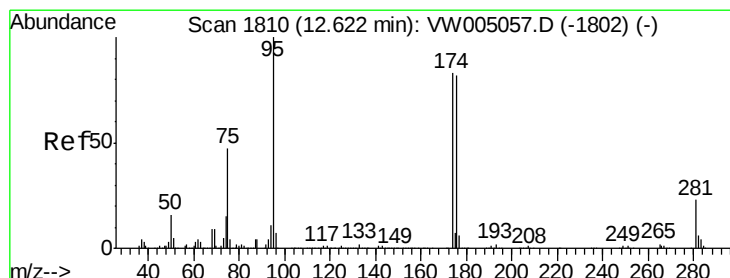
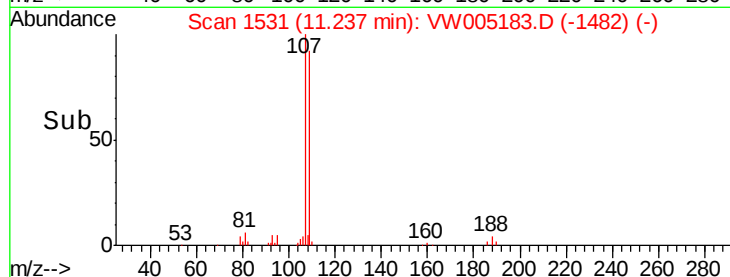
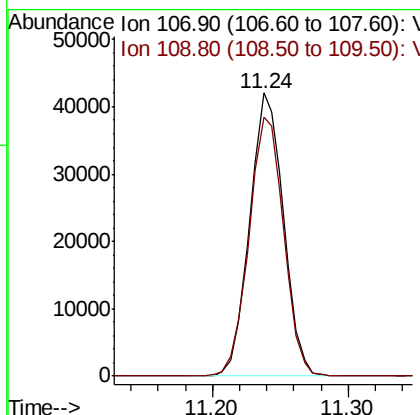
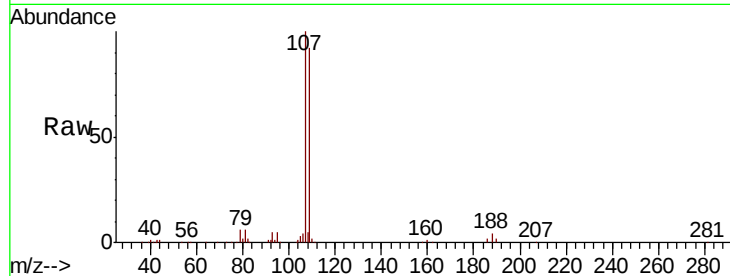
#61
 1,2-Dibromoethane
 Concen: 24.80 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.9	113.9

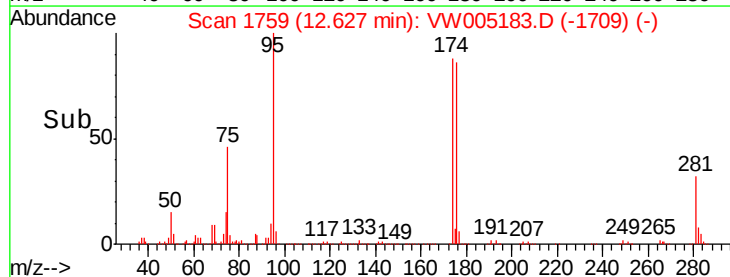
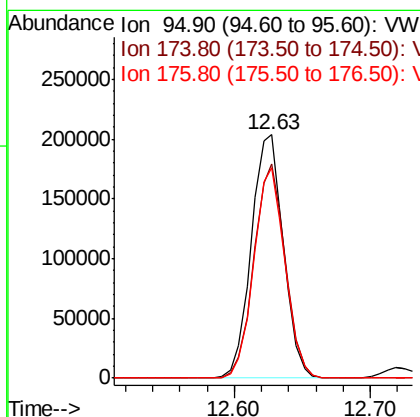
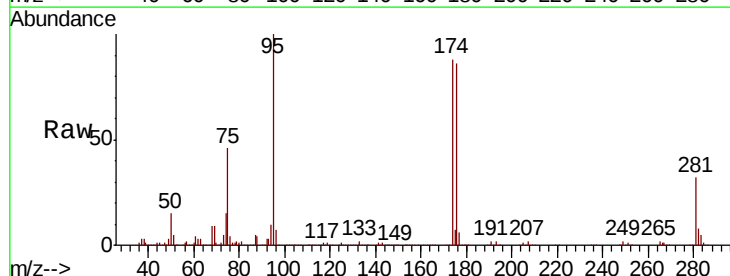
Manual Integrations
 APPROVED

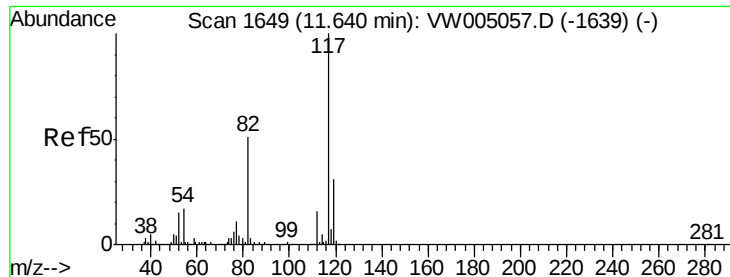
apatel
 9/7/2018 12:35:36 PM



#62
 4-Bromofluorobenzene
 Concen: 57.78 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	173.4
176	84.1	0.0	167.4





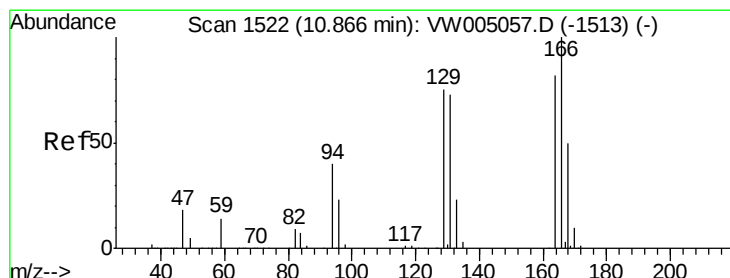
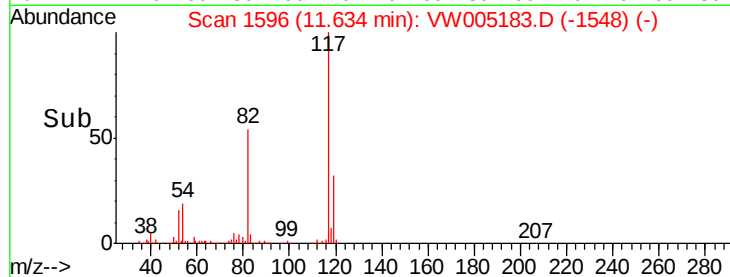
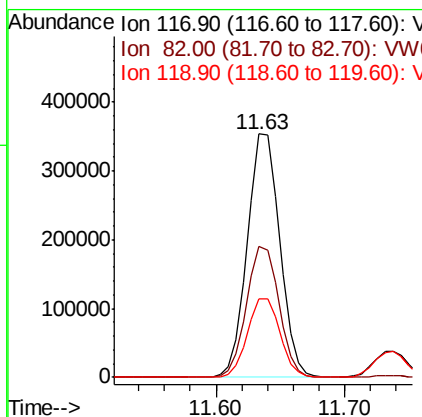
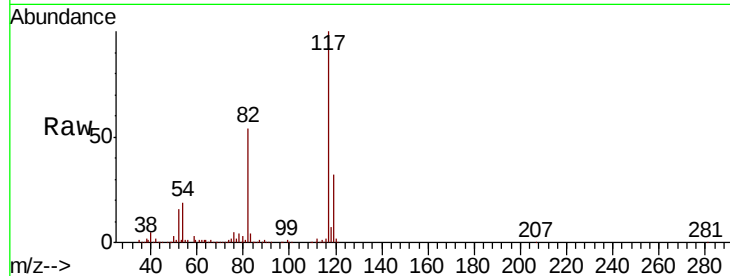
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	616230		
82	54.0		40.9	61.3
119	32.0		24.9	37.3

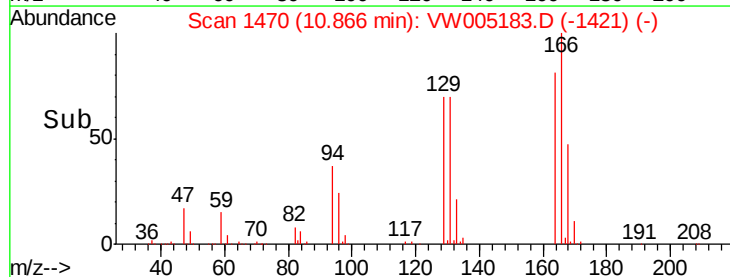
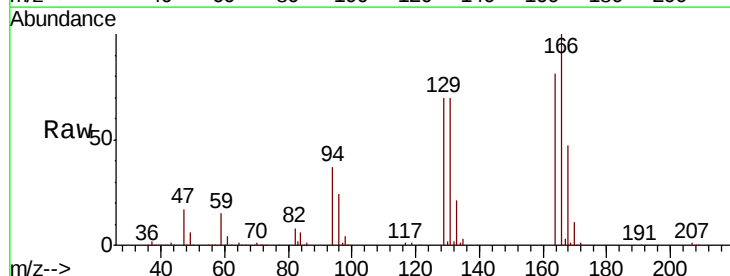
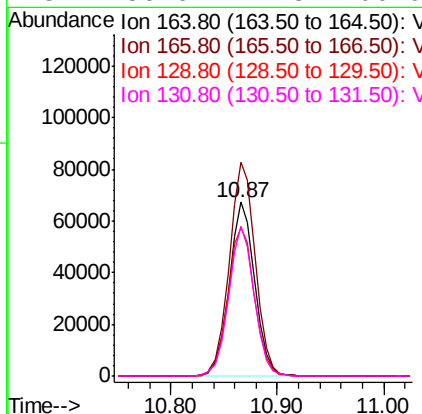
Manual Integrations
APPROVED

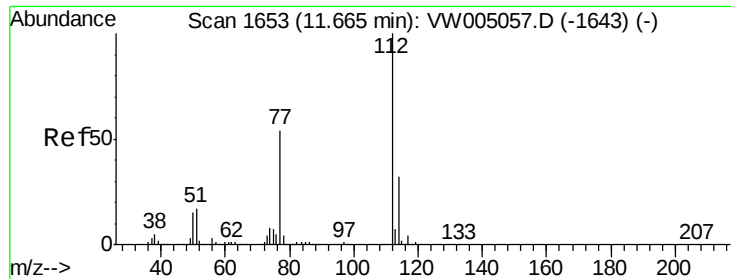
apatel
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#64
Tetrachloroethene
Concen: 23.34 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	112868		
166	123.1		97.3	145.9
129	85.8		73.1	109.7
131	86.6		71.3	106.9





#65

Chlorobenzene

Concen: 22.55 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tot Ion:112 Resp: 312857

Ion Ratio Lower Upper

112 100

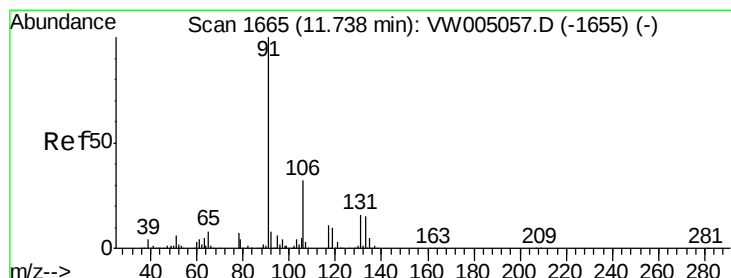
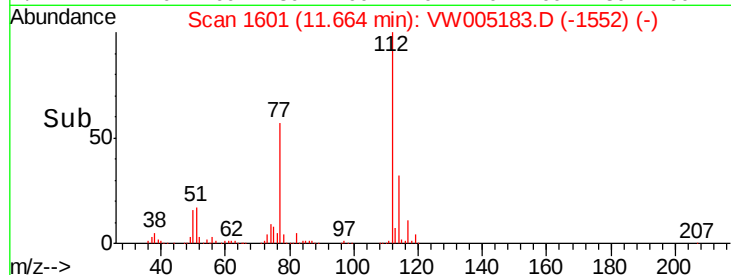
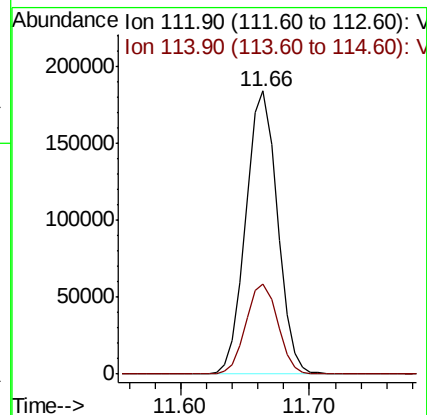
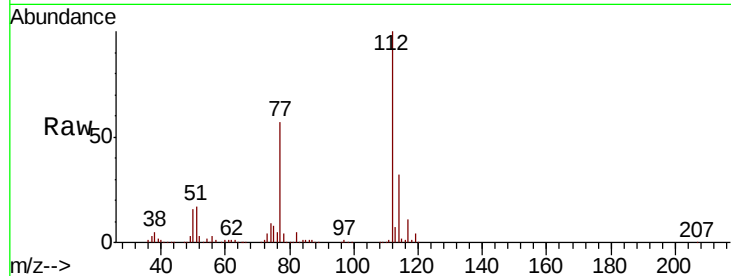
114 32.1 26.0 39.0

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 23.29 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

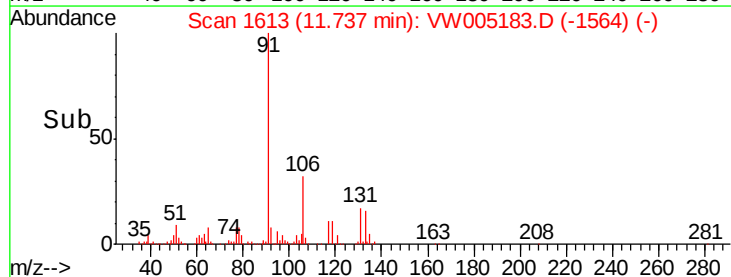
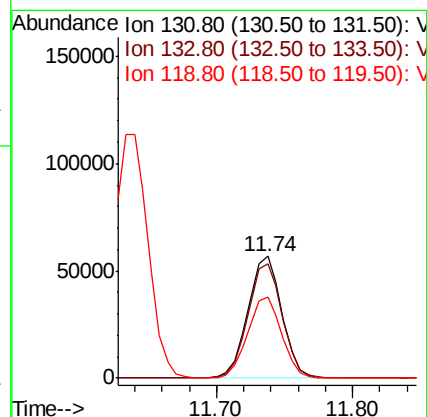
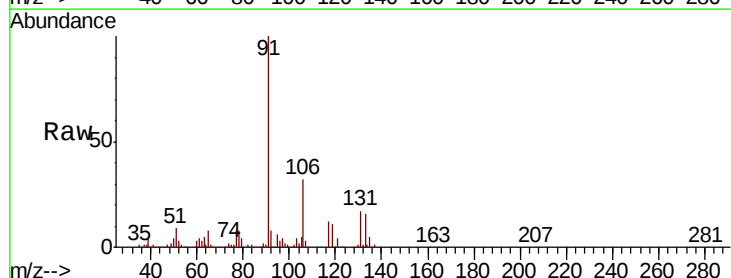
Tgt Ion:131 Resp: 98733

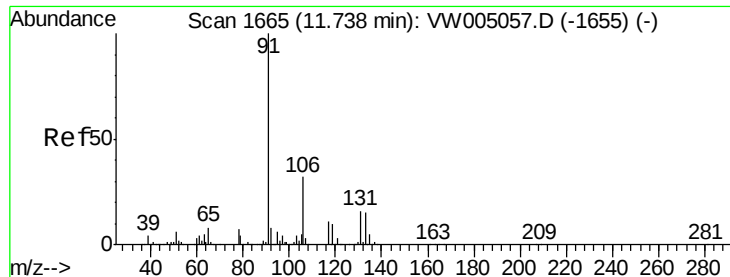
Ion Ratio Lower Upper

131 100

133 95.1 47.4 142.3

119 66.6 33.4 100.1





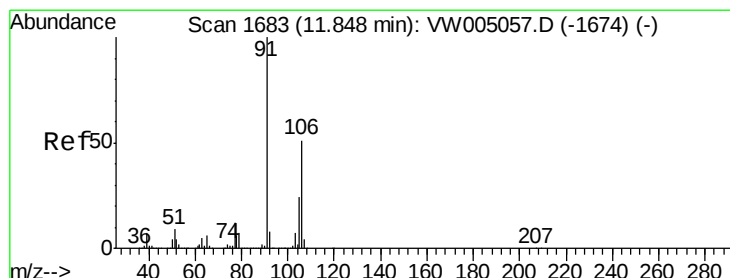
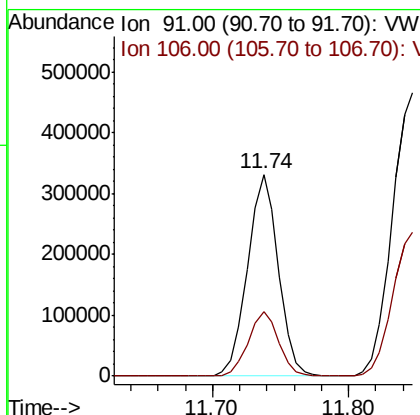
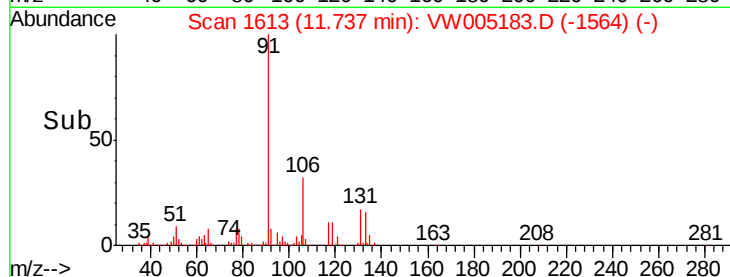
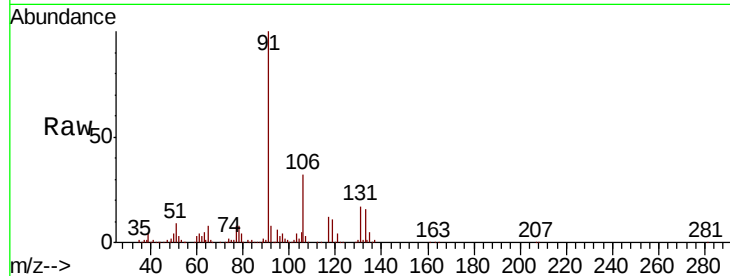
#67
Ethyl Benzene
Concen: 22.38 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS02

Tot Ion: 91 Resp: 524849
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9

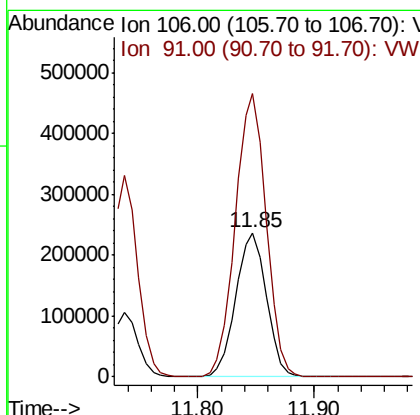
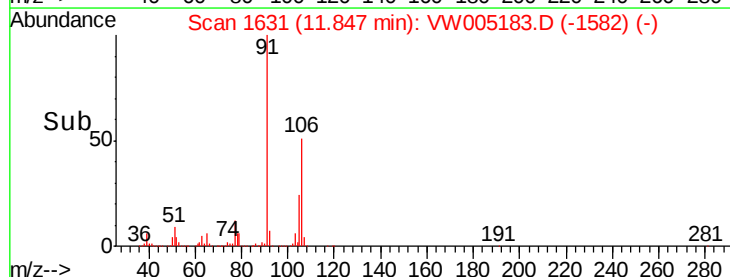
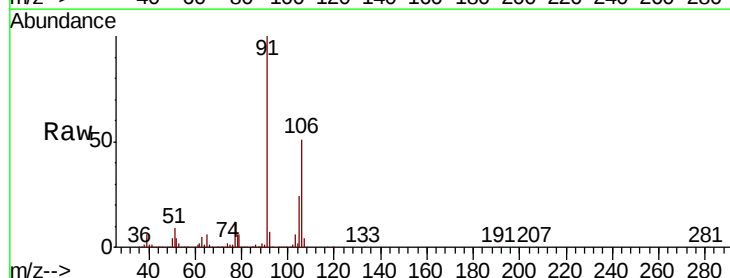
Manual Integrations
APPROVED

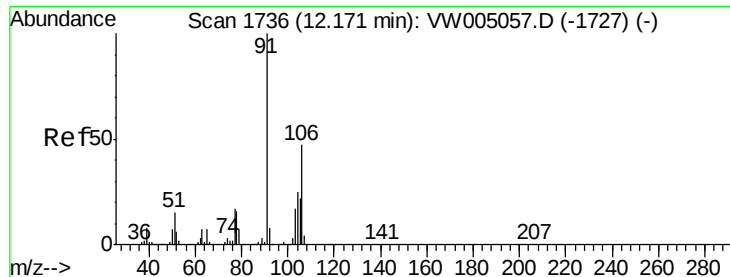
apatel
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#68
m/p-Xylenes
Concen: 46.46 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion: 106 Resp: 436266
Ion Ratio Lower Upper
106 100
91 197.2 158.4 237.6





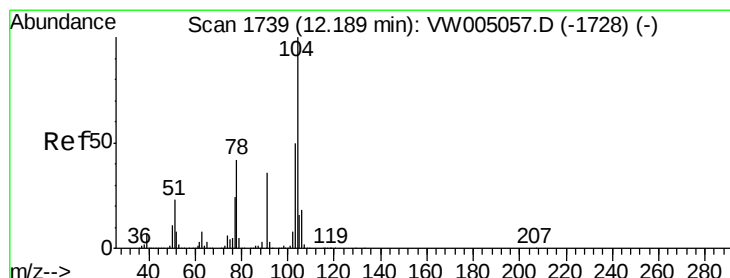
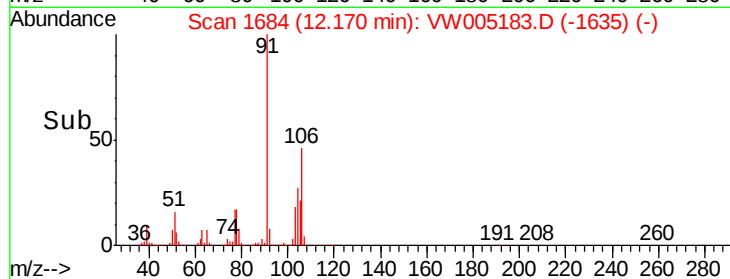
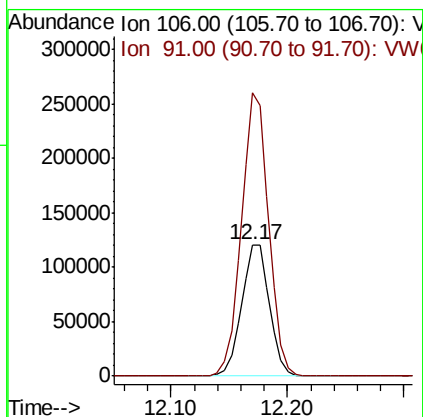
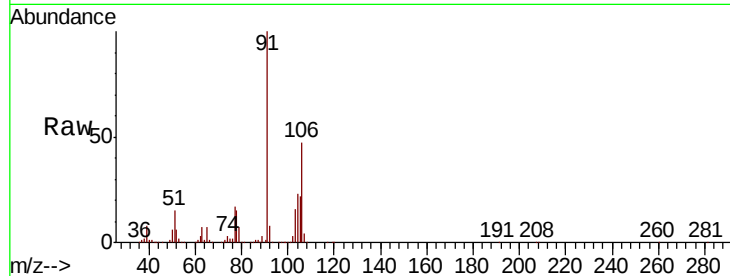
#69
o-Xylene
Concen: 23.11 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	200646		
91	91	210.8	105.6	316.8	

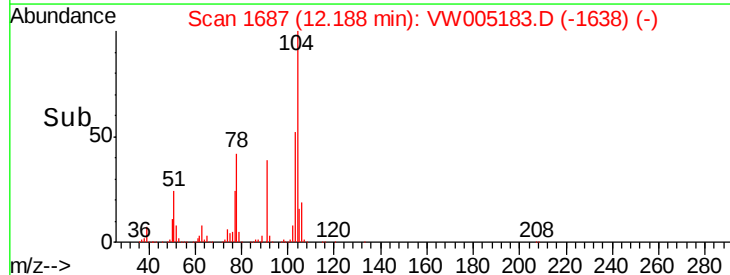
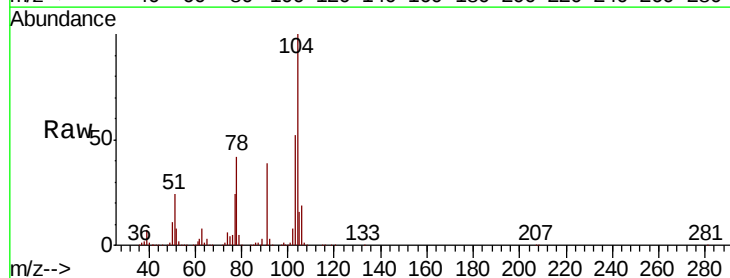
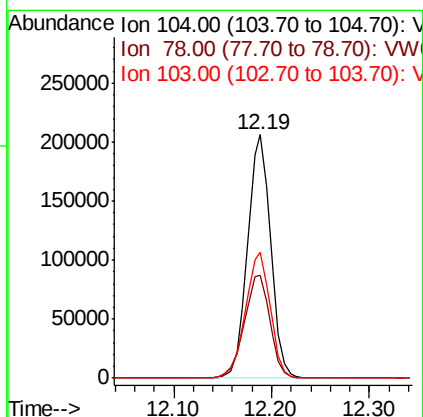
Manual Integrations
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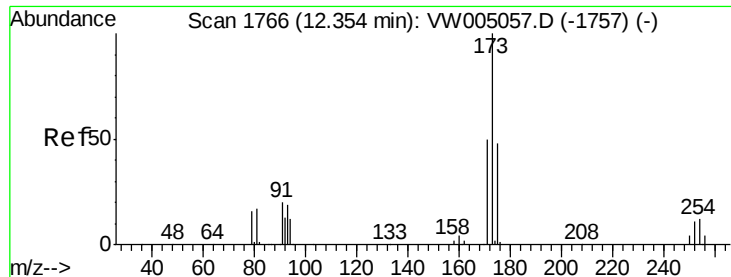
apatel
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#70
Styrene
Concen: 23.49 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	336896		
78	78	47.0	37.8	56.6	
103	103	55.5	44.1	66.1	





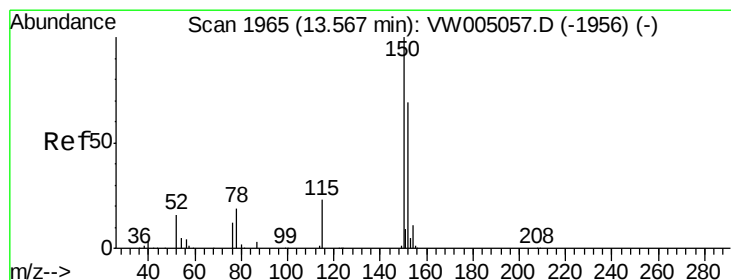
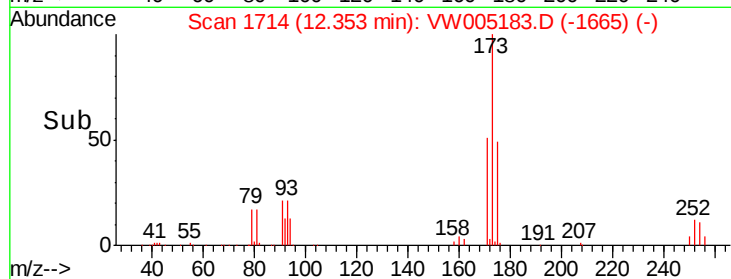
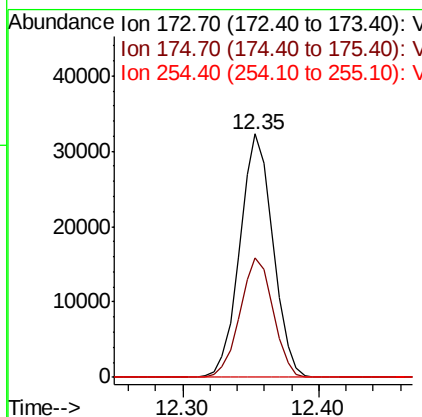
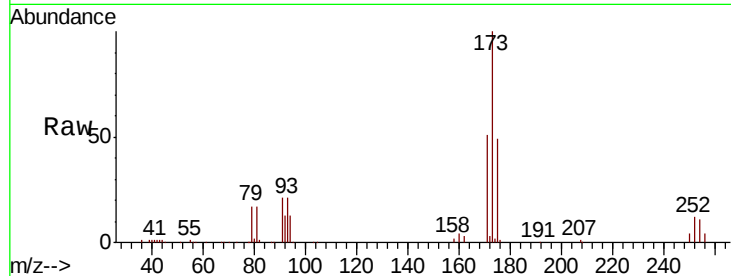
#71
Bromoform
Concen: 24.46 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.2
254	0.1	0.2	0.2

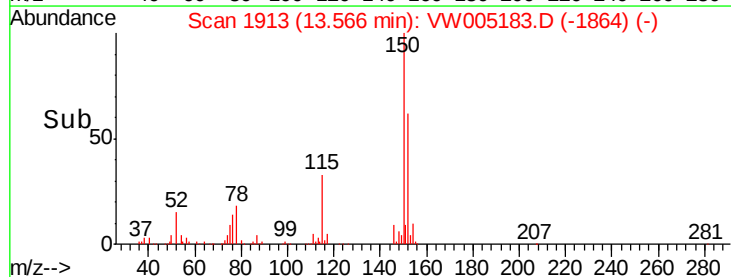
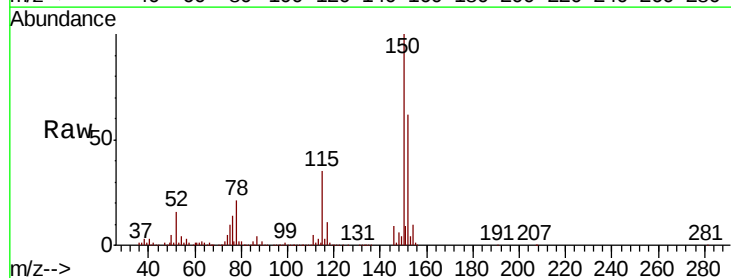
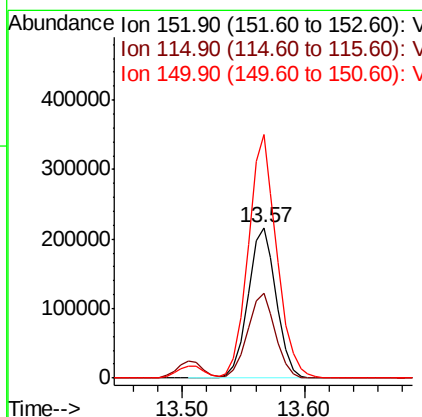
Manual Integrations
APPROVED

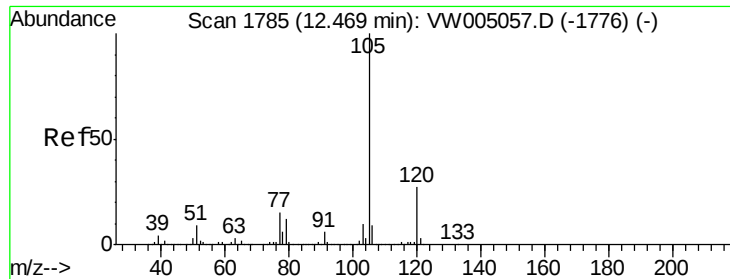
apatel
9/7/2018 12:35:36 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.8	83.4
150	164.0	0.0	351.4





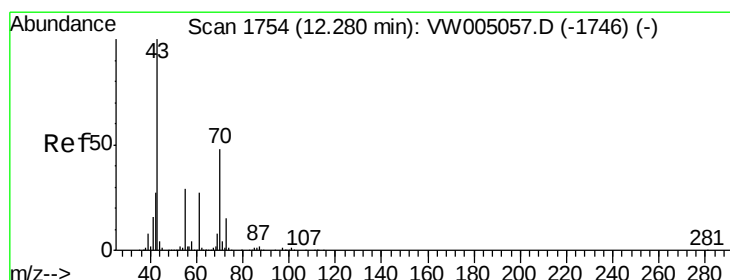
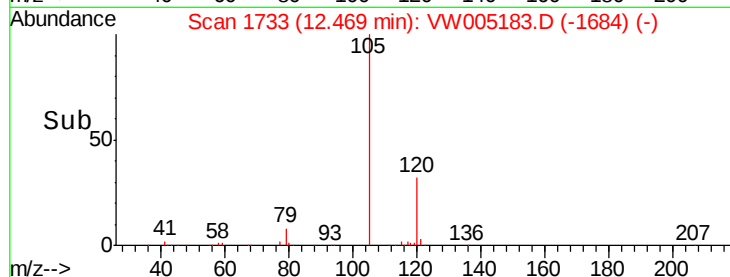
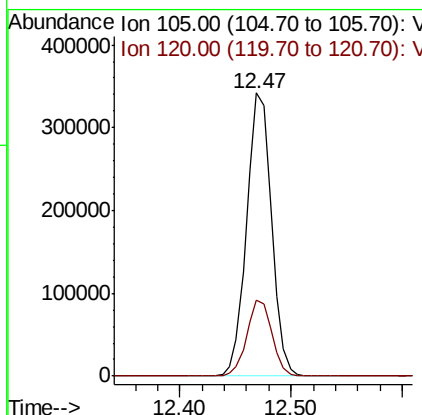
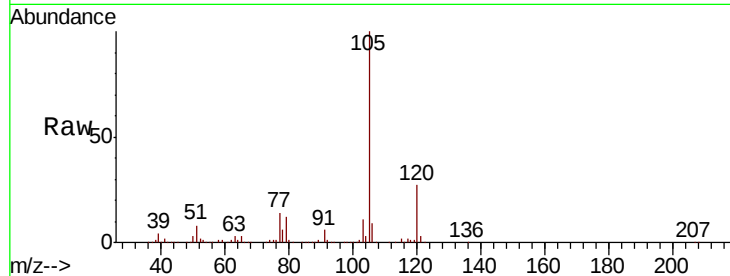
#73
Isopropylbenzene
Concen: 21.97 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.4	40.1

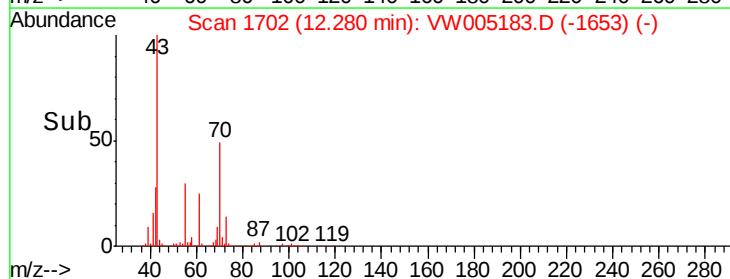
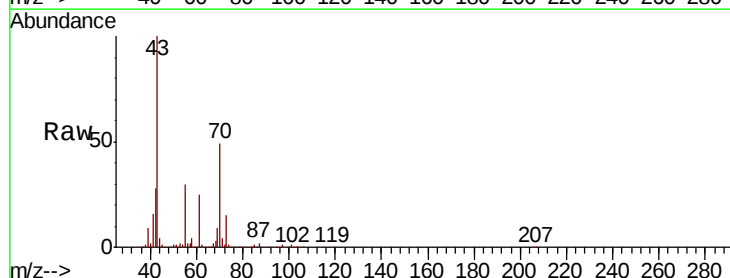
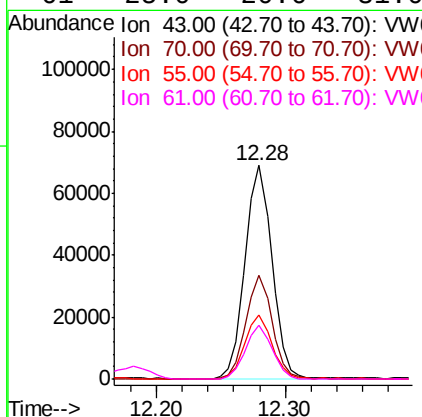
Manual Integrations
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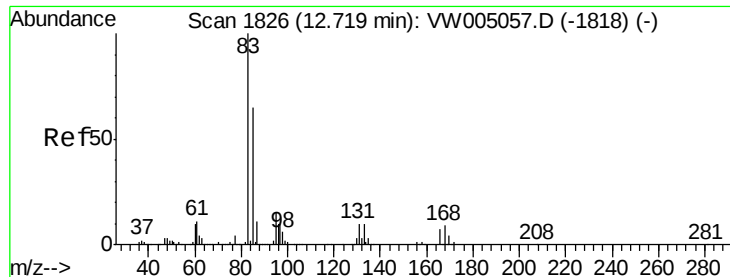
apatel
9/7/2018 12:35:36 PM



#74
N-ethyl acetate
Concen: 23.88 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.6	38.2	57.4
55	30.3	23.2	34.8
61	25.0	20.6	31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 24.90 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

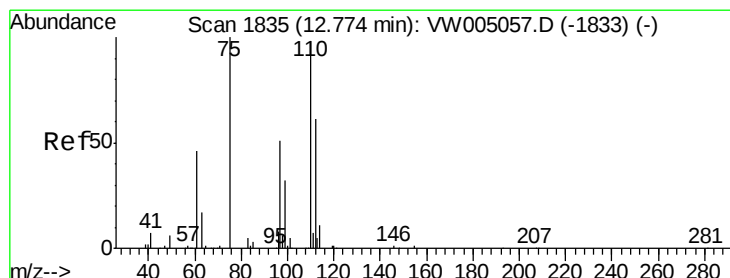
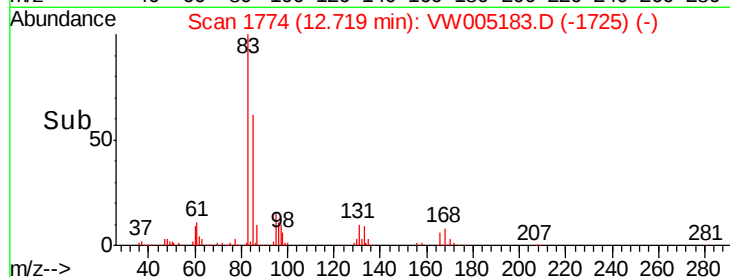
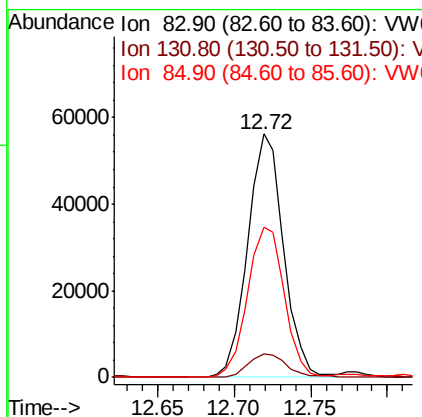
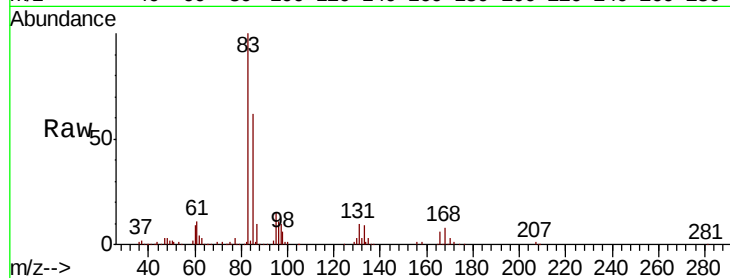
ClientSampled :

VW0906SBS02

Tot Ion:	83	Resp:	91817
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.4
85	63.3	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.33 ug/l m

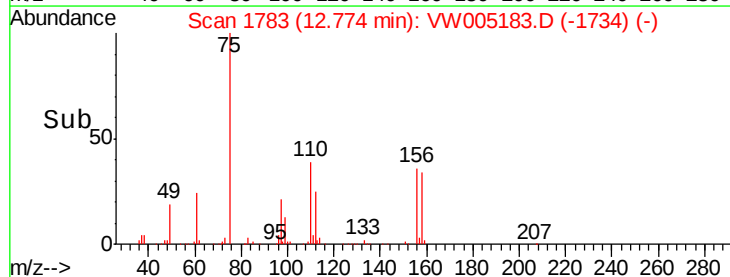
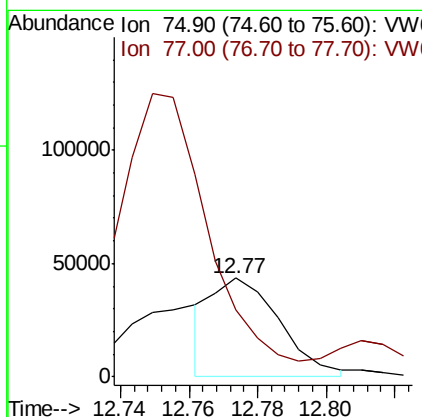
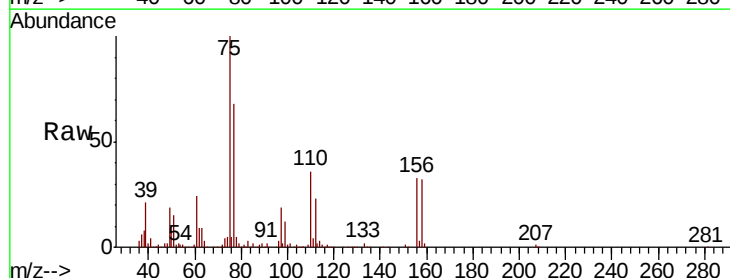
RT: 12.77 min Scan# 1783

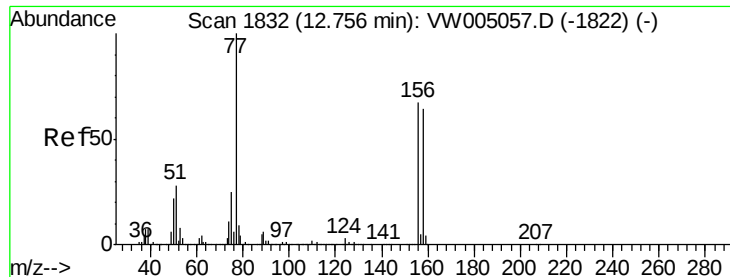
Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Tgt Ion:	75	Resp:	60166
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.54 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

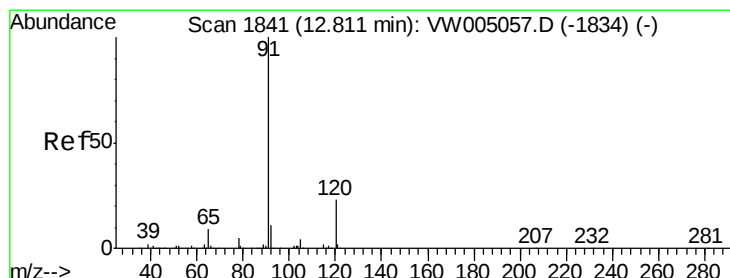
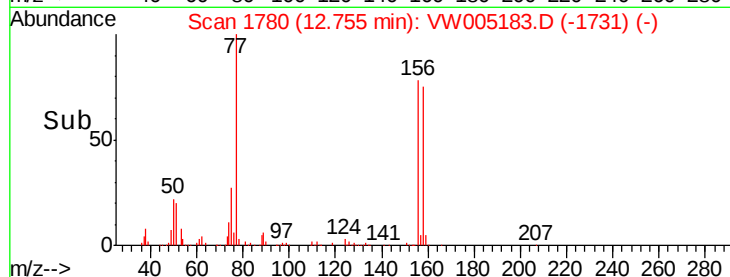
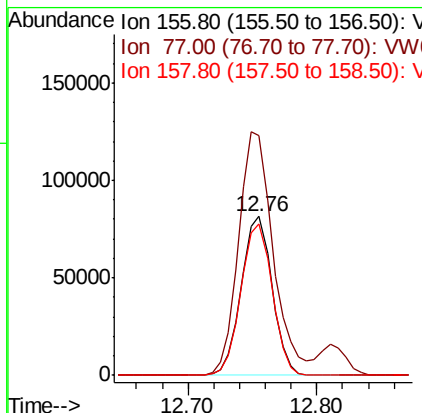
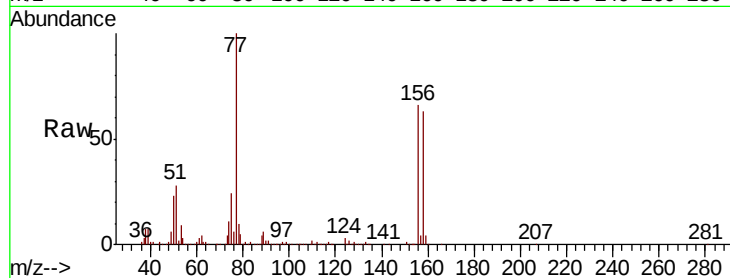
ClientSampleId :

VW0906SBS02

Tot Ion:	156	Resp:	134503
Ion Ratio	Lower	Upper	
156	100		
77	172.5	85.8	257.4
158	96.8	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 21.92 ug/l

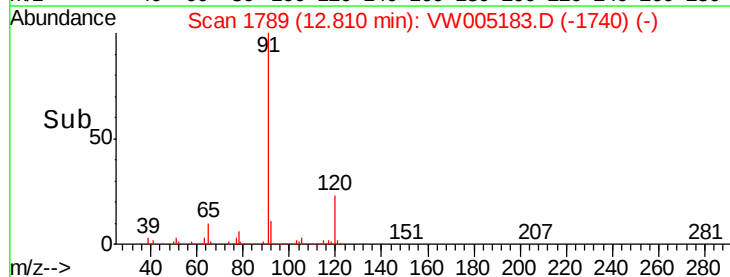
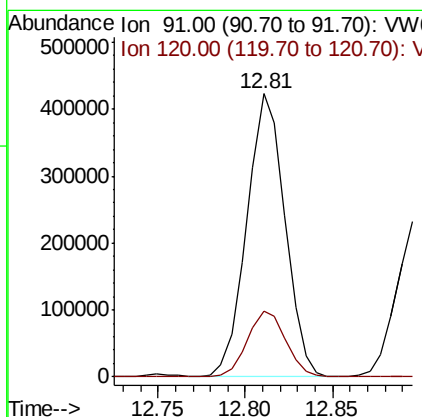
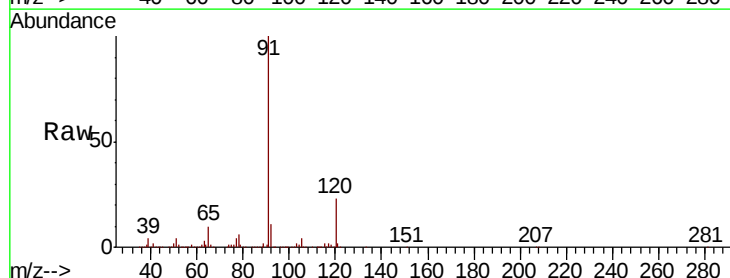
RT: 12.81 min Scan# 1789

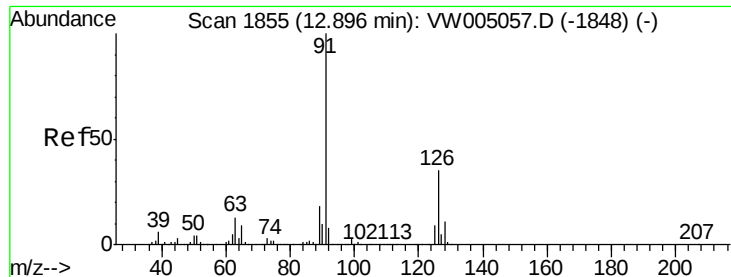
Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Tgt Ion:	91	Resp:	640908
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.3





#79

2-Chlorotoluene

Concen: 22.29 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampled :

VW0906SBS02

Tot Ion: 91 Resp: 380254

Ion Ratio Lower Upper

91 100

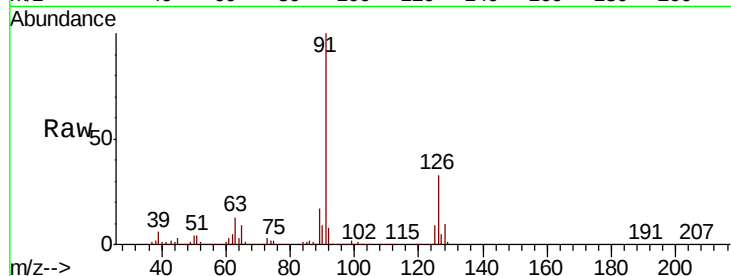
126 34.2 17.3 52.0

Manual Integrations

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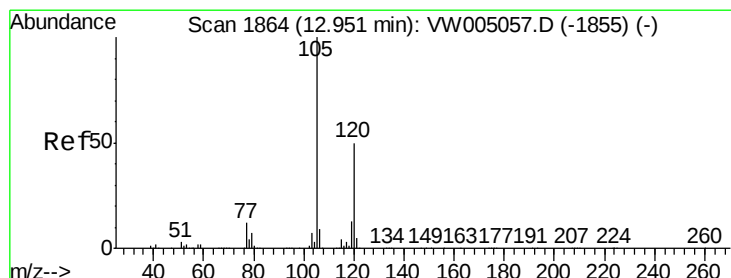
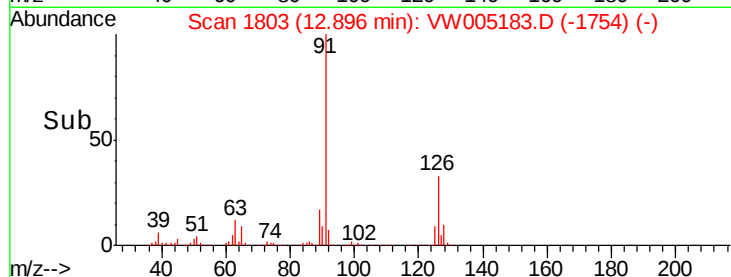
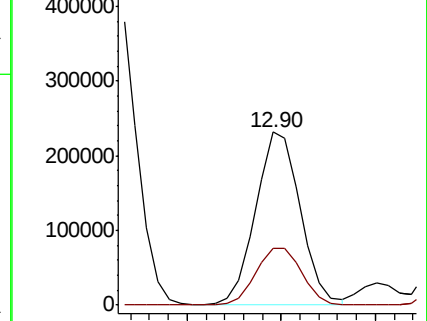
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.35 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005183.D

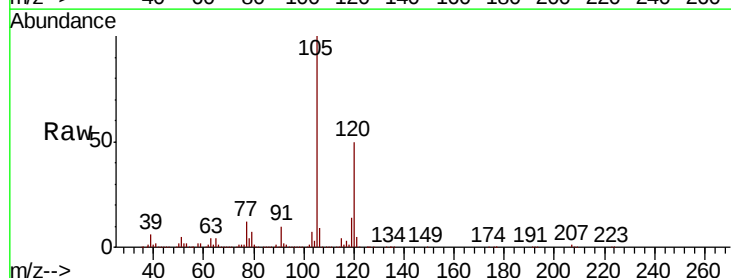
Acq: 07 Sep 2018 01:40

Tgt Ion: 105 Resp: 468096

Ion Ratio Lower Upper

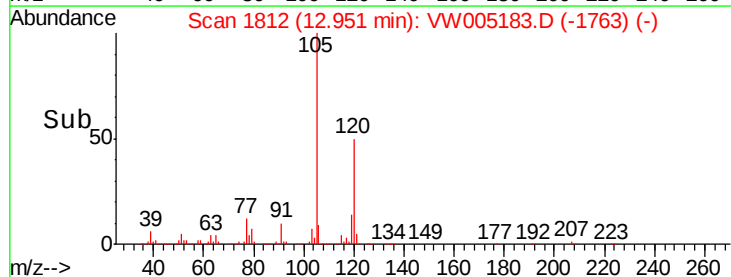
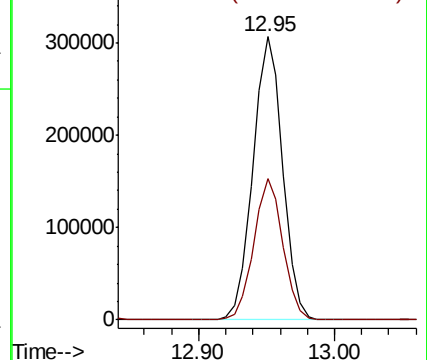
105 100

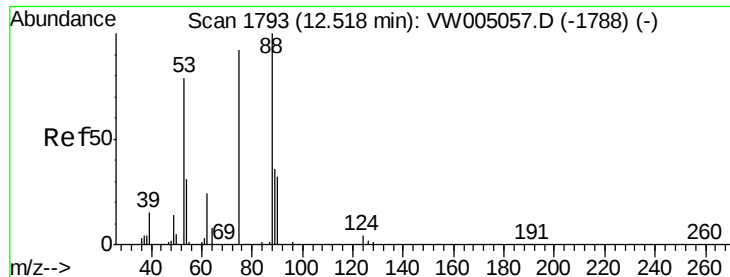
120 49.1 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





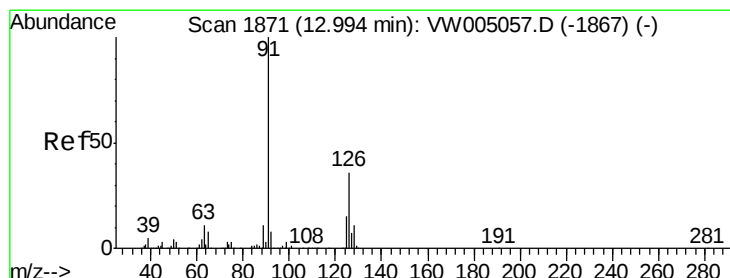
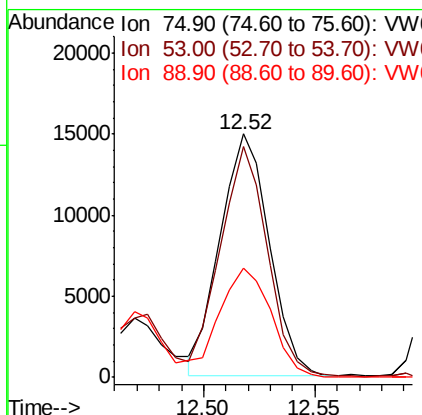
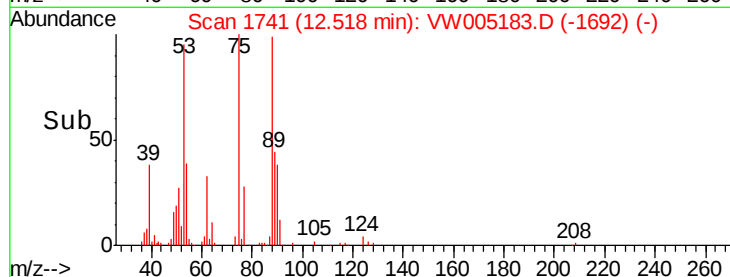
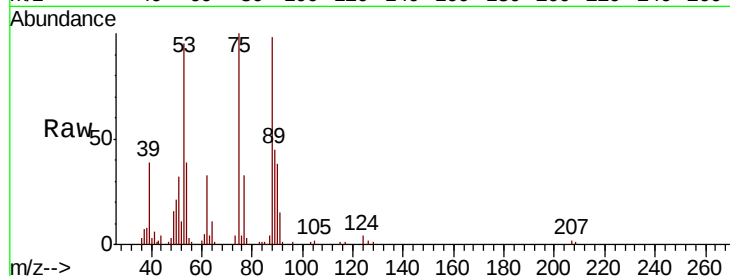
#81
trans-1,4-Dichloro-2-butene
Concen: 21.30 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.9	69.8	104.8
89	49.1	36.0	54.0

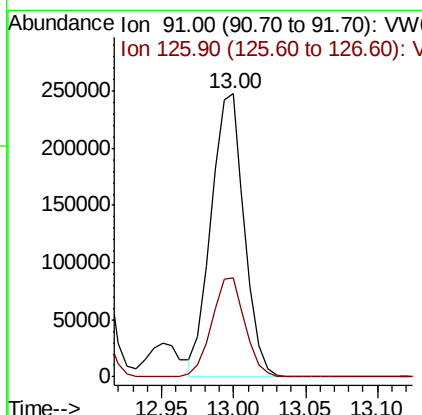
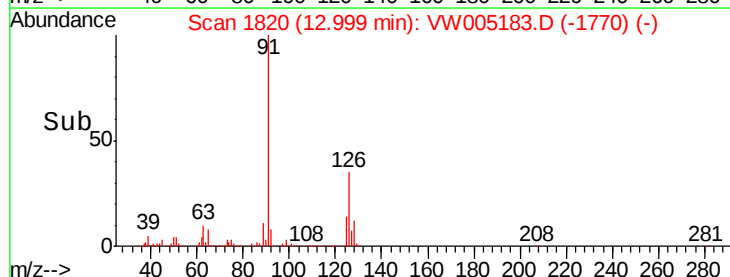
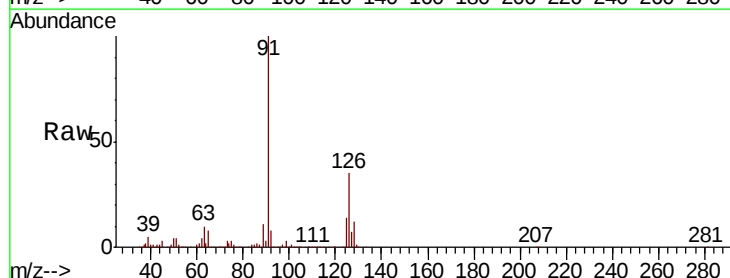
Manual Integrations
APPROVED

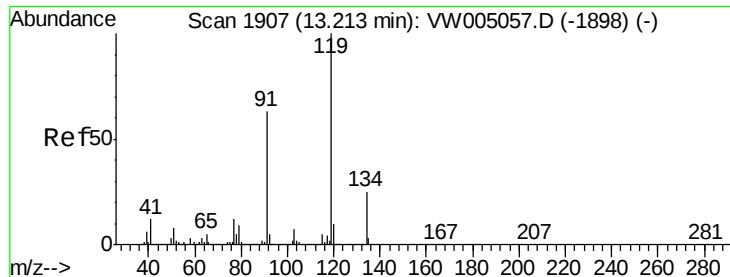
apatel
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#82
4-Chlorotoluene
Concen: 21.99 ug/l
RT: 13.00 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.4	52.3





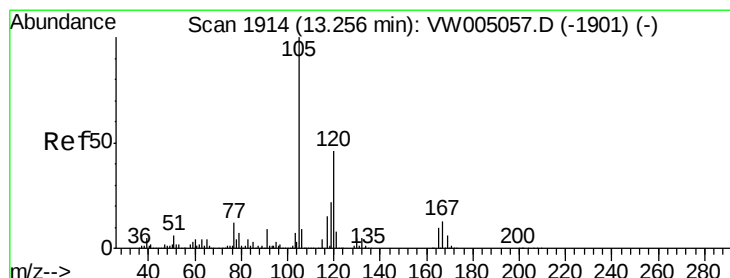
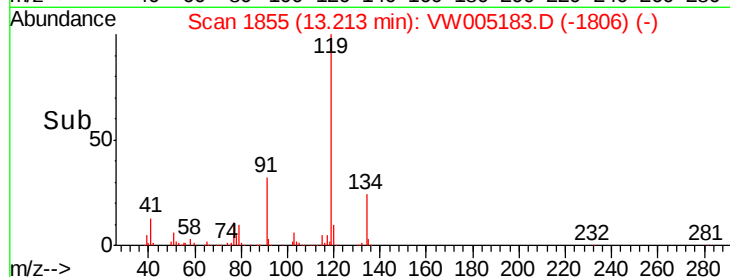
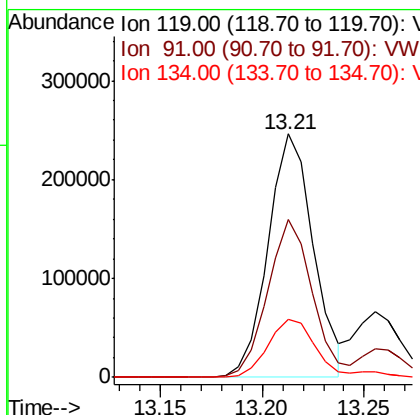
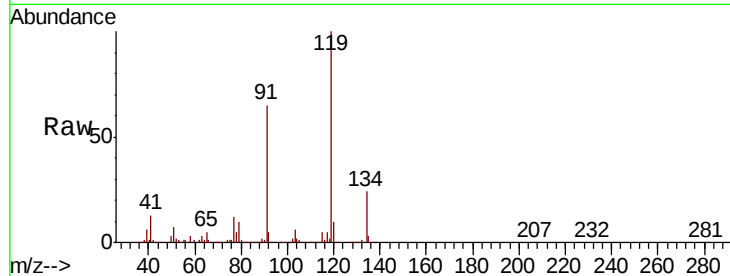
#83
tert-Butylbenzene
Concen: 21.83 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	381925		
91	64.4	31.8	95.4	
134	26.3	13.0	39.0	

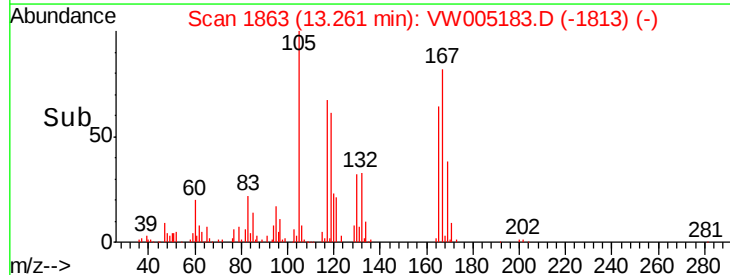
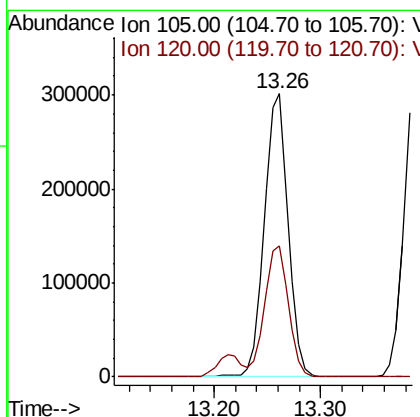
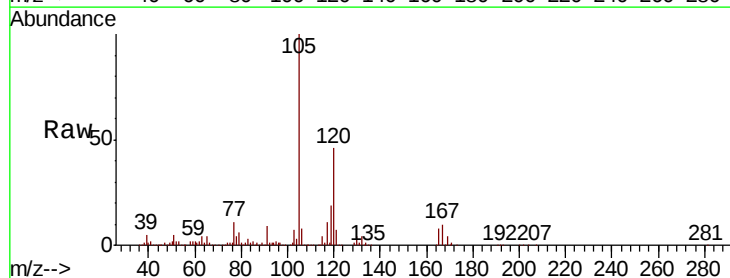
Manual Integrations
APPROVED

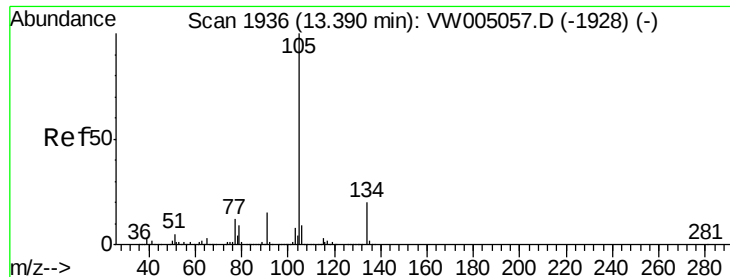
apatel
9/7/2018 12:35:36 PM



#84
1,2,4-Trimethylbenzene
Concen: 22.15 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	472583		
120	46.1	23.1	69.3	





#85

sec-Butylbenzene

Concen: 22.10 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tot Ion:105 Resp: 568197

Ion Ratio Lower Upper

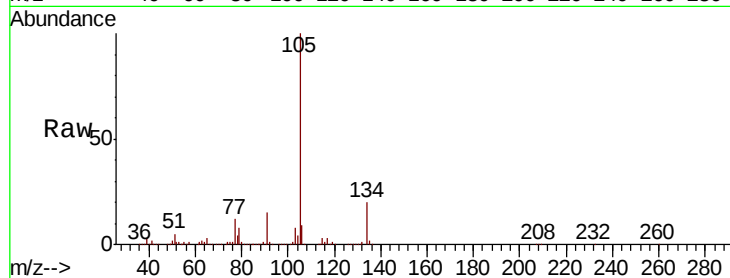
105 100

134 19.9 10.1 30.3

Manual Integrations
APPROVED

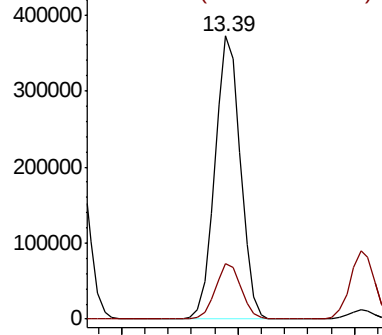
apatel

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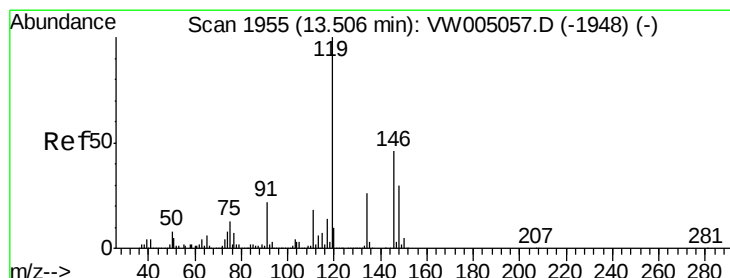
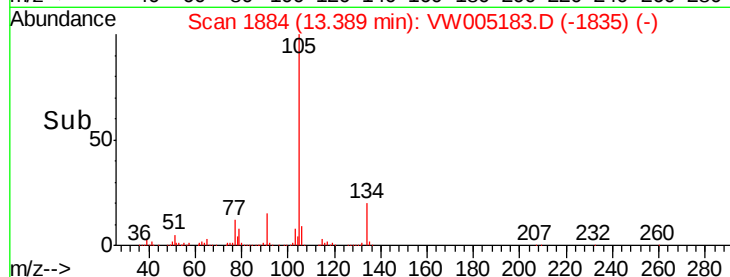


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 21.90 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

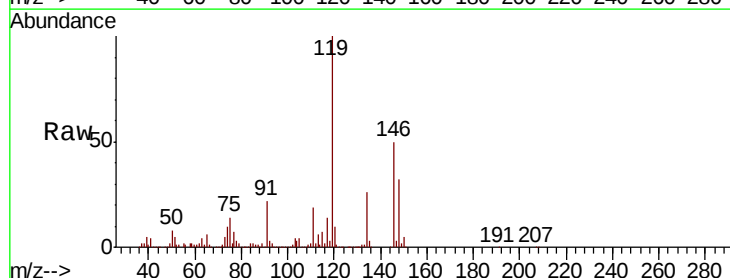
Tgt Ion:119 Resp: 498414

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

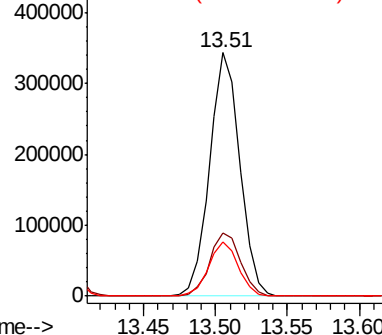
91 21.9 10.9 32.9



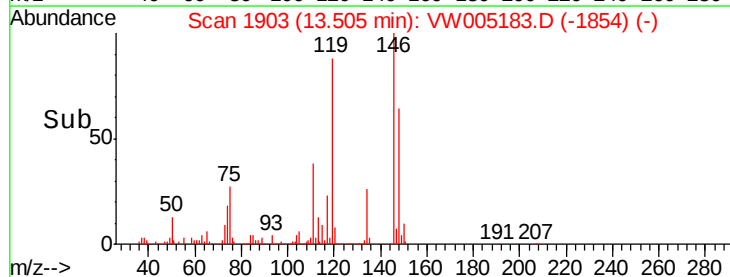
Abundance Ion 119.00 (118.70 to 119.70): V

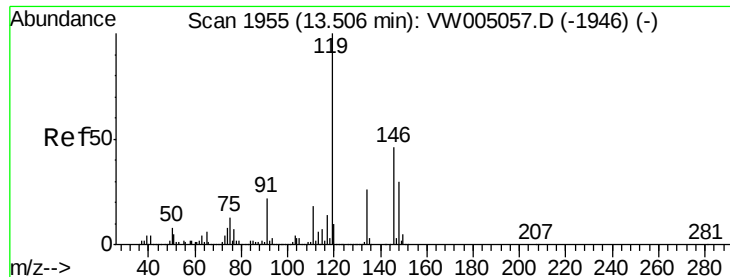
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





#87

1,3-Dichlorobenzene

Concen: 22.13 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

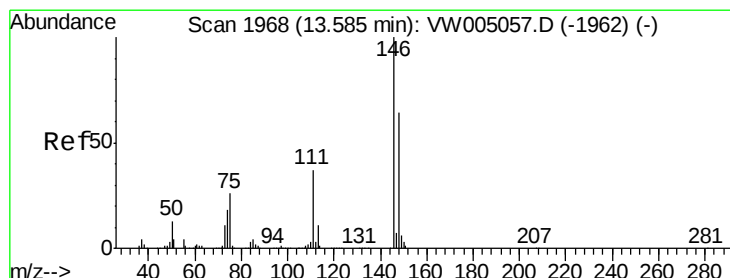
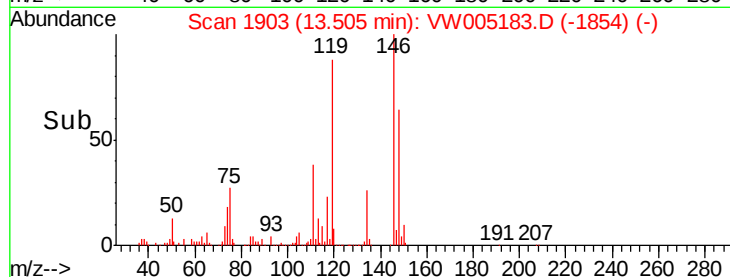
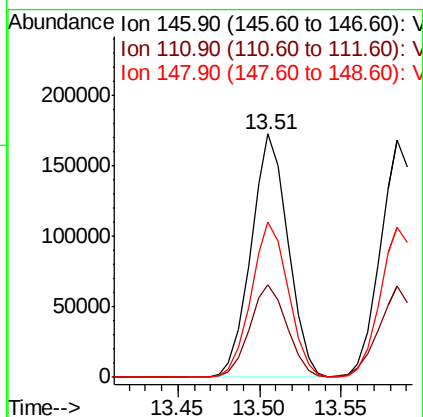
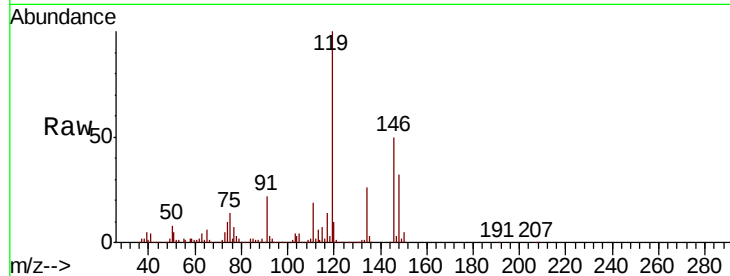
Instrument :
MSVOA_W

ClientSampled :
VW0906SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	271296		
111	38.4	19.2	57.6	
148	64.1	31.9	95.7	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 22.09 ug/l

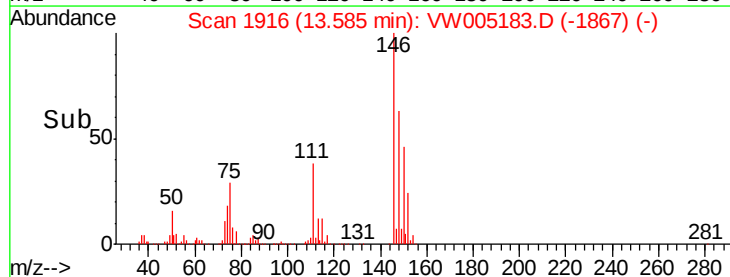
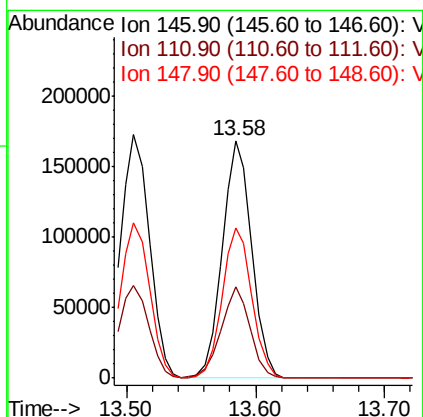
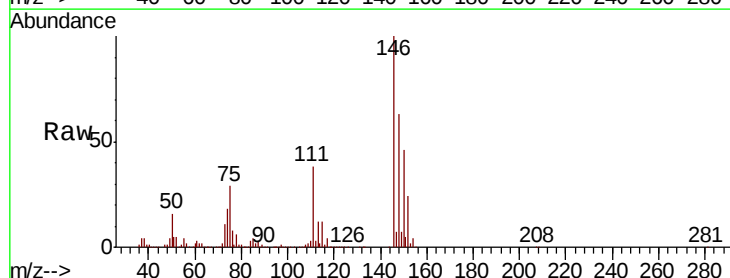
RT: 13.58 min Scan# 1916

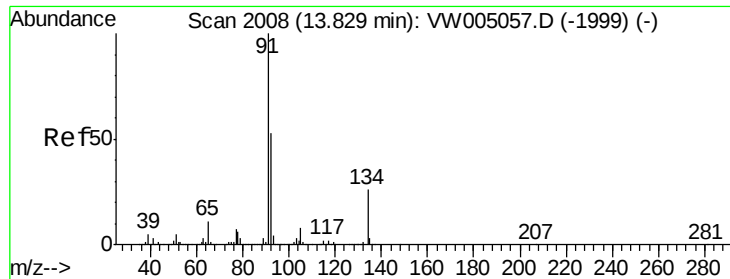
Delta R.T. -0.00 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	268692		
111	38.1	18.6	56.0	
148	63.9	32.0	96.0	





#89

n-Butylbenzene

Concen: 21.37 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Instrument :

MSVOA_W

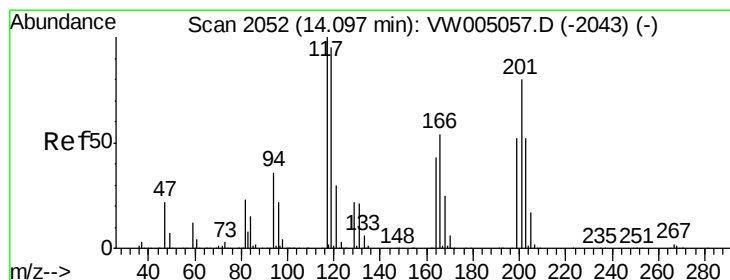
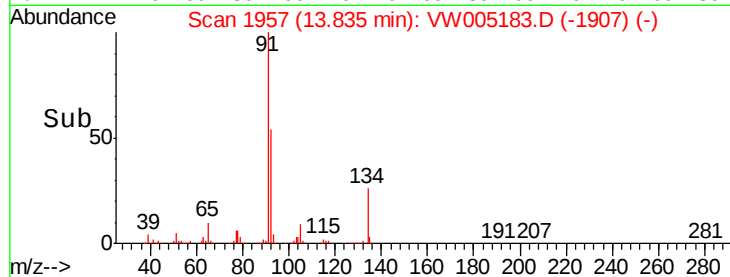
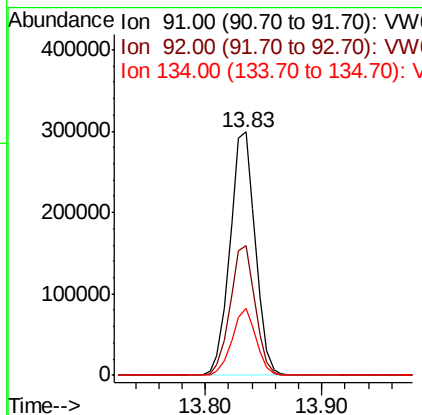
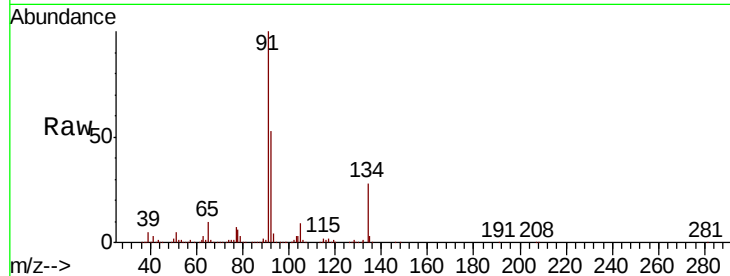
ClientSampled :

VW0906SBS02

Tot Ion:	91	Resp:	450762
Ion Ratio	Lower	Upper	
91	100		
92	52.7	26.5	79.5
134	26.2	13.5	40.4

Manual Integrations
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#90

Hexachloroethane

Concen: 21.57 ug/l

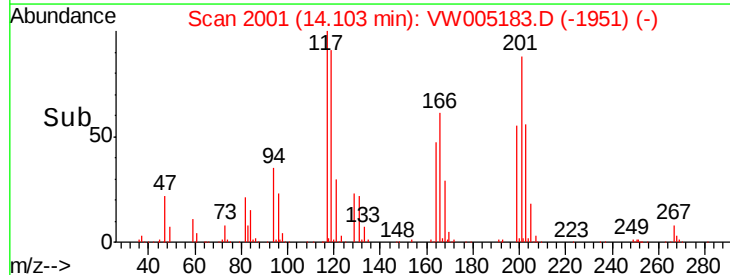
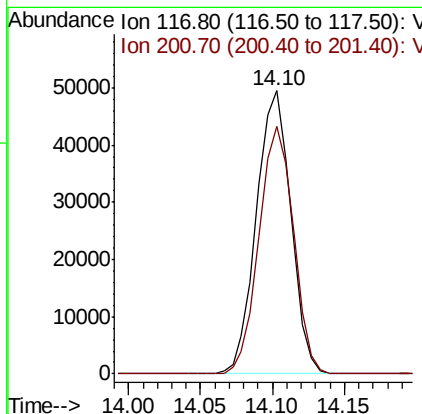
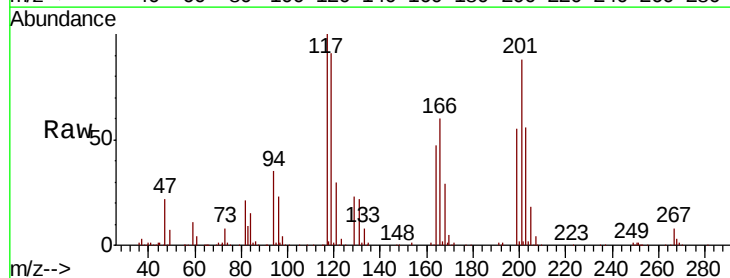
RT: 14.10 min Scan# 2001

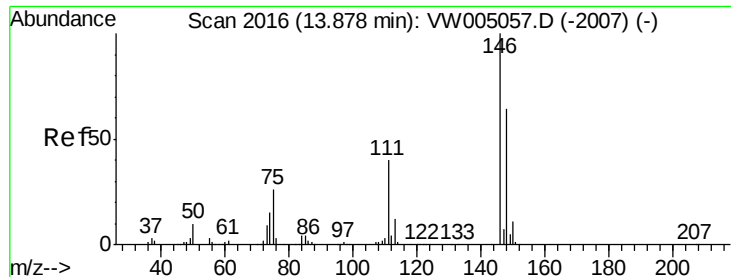
Delta R.T. 0.01 min

Lab File: VW005183.D

Acq: 07 Sep 2018 01:40

Tgt Ion:	117	Resp:	81547
Ion Ratio	Lower	Upper	
117	100		
201	88.2	44.6	133.8





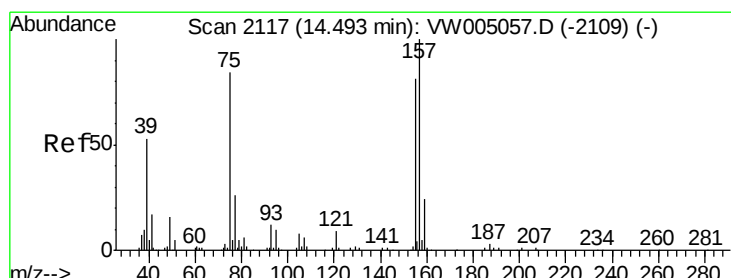
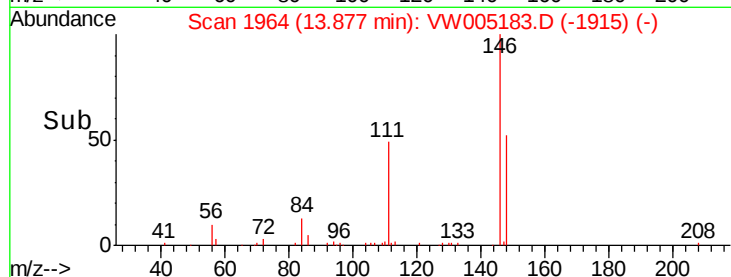
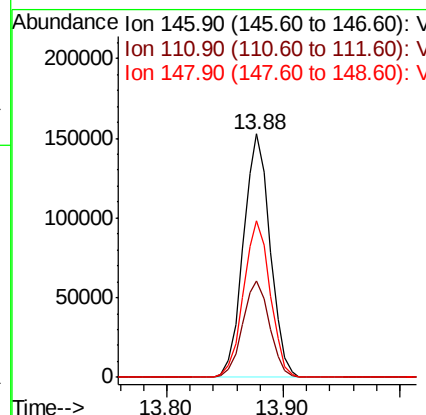
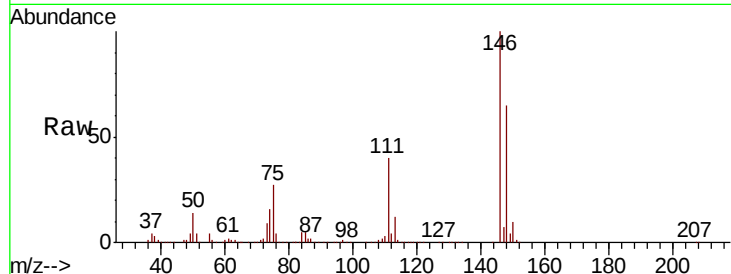
#91
 1,2-Dichlorobenzene
 Concen: 22.85 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	64.3	31.9	95.9

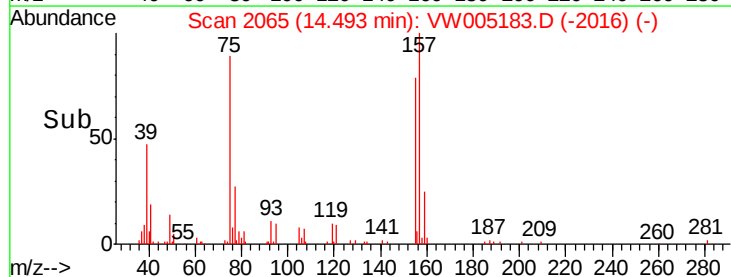
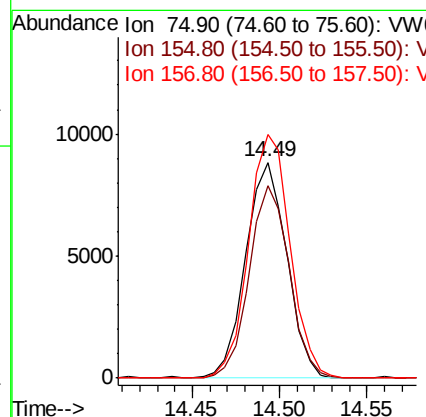
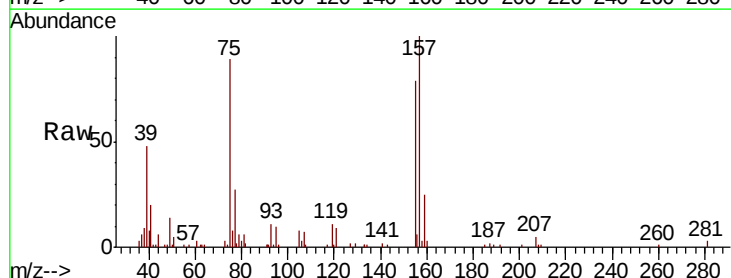
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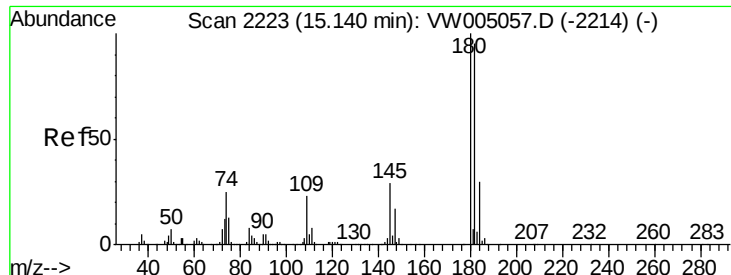
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.17 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.9	46.0	137.8
157	114.2	58.6	175.7





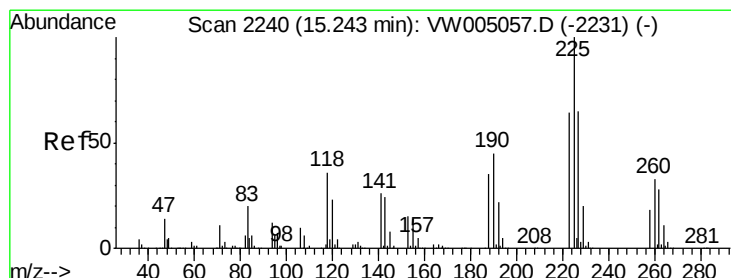
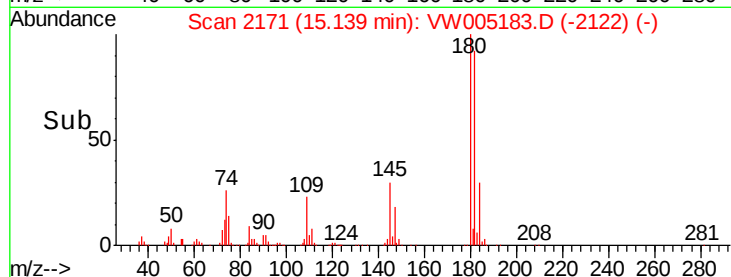
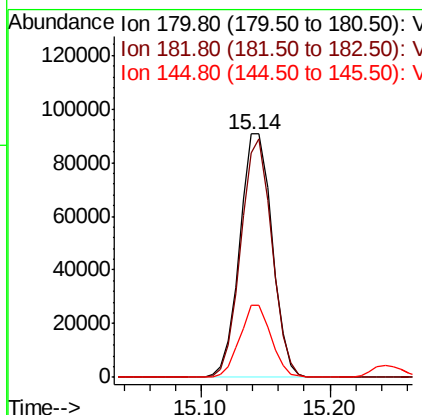
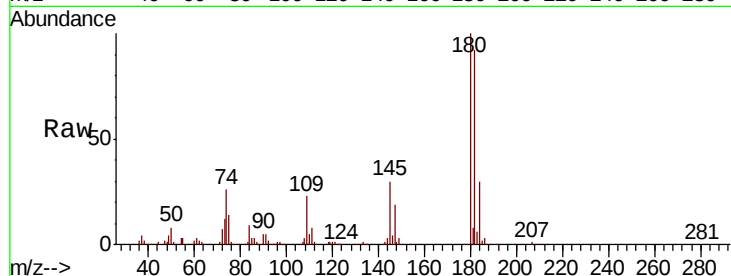
#93
 1,2,4-Trichlorobenzene
 Concen: 21.96 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	157310		
182	94.0	47.5	142.6	
145	28.8	14.4	43.2	

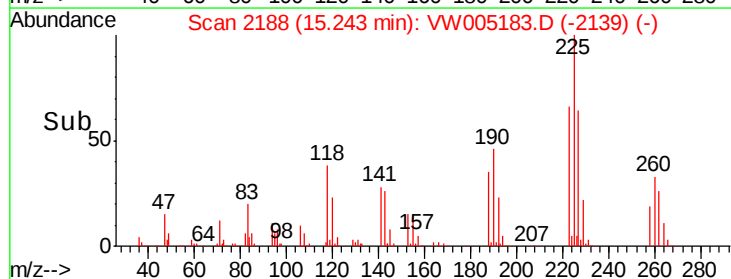
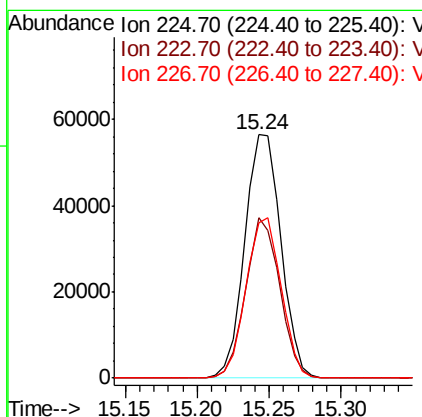
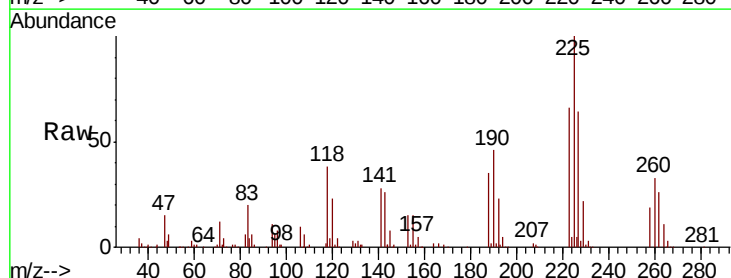
Manual Integrations
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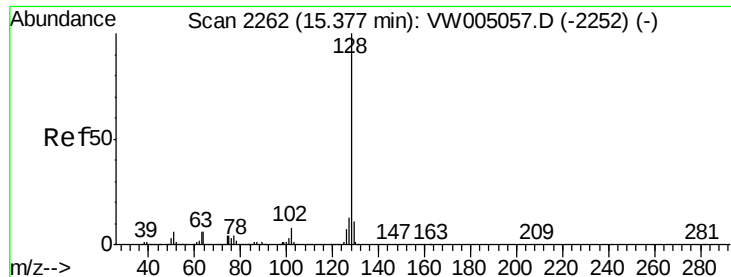
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#94
 Hexachlorobutadiene
 Concen: 21.96 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005183.D
 Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97839		
223	62.2	31.4	94.3	
227	64.3	32.0	96.0	





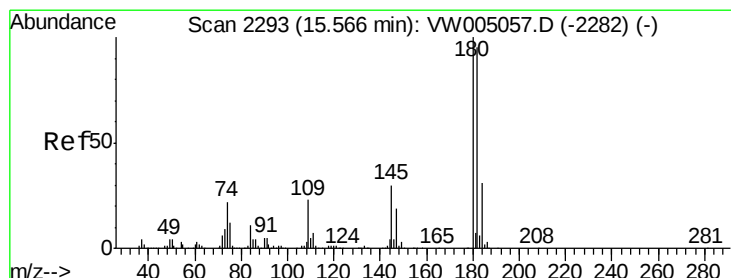
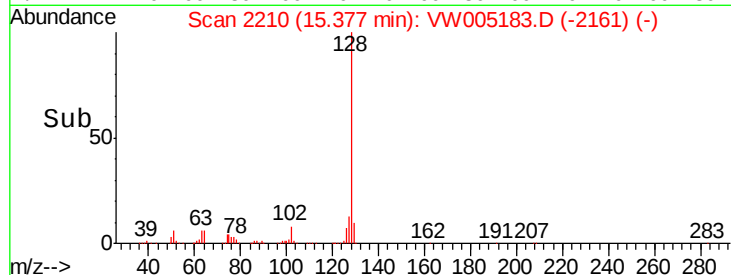
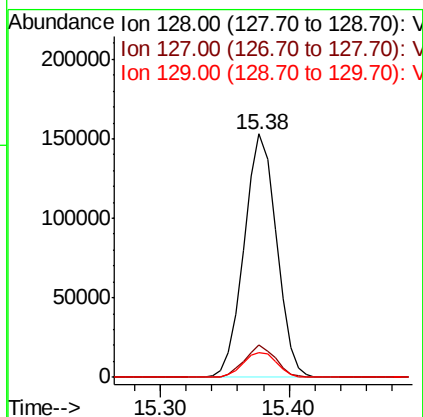
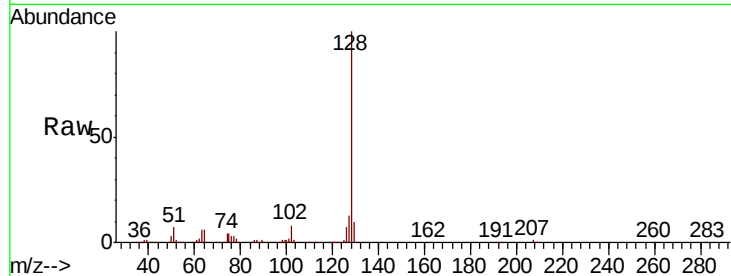
#95
Naphthalene
Concen: 23.72 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	265579		
127	12.8		10.4	15.6
129	10.7		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 23.14 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005183.D
Acq: 07 Sep 2018 01:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	141887		
182	95.5		47.4	142.3
145	30.9		15.4	46.1

