

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005321.D
 Acq On : 12 Sep 2018 13:24
 Operator : SY/AP
 Sample : VW0912SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Manual Integrations
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 9/13/2018 11:11:27 AM

Quant Time: Sep 12 14:40:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	437842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	623624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	615279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	350690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	187078	57.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.58%	
35) Dibromofluoromethane	7.89	113	185491	56.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.56%	
50) Toluene-d8	10.33	98	885380	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.62	95	334455	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	93556	24.77	ug/l	100
3) Chloromethane	2.21	50	126299	25.01	ug/l	97
4) Vinyl Chloride	2.35	62	114047	24.60	ug/l	97
5) Bromomethane	2.74	94	74258	24.91	ug/l	100
6) Chloroethane	2.90	64	61920	24.25	ug/l	97
7) Trichlorofluoromethane	3.25	101	126567	24.14	ug/l	99
8) Diethyl Ether	3.68	74	45234	24.20	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	86843	23.18	ug/l	99
10) Methyl Iodide	4.27	142	76525	18.67	ug/l	98
11) Tert butyl alcohol	5.18	59	36742	137.19	ug/l	97
12) 1,1-Dichloroethene	4.04	96	79955	23.18	ug/l	94
13) Acrolein	3.90	56	32511	125.67	ug/l	100
14) Allyl chloride	4.67	41	123026	23.22	ug/l	99
15) Acrylonitrile	5.37	53	109614	130.00	ug/l	98
16) Acetone	4.13	43	86561	142.80	ug/l	98
17) Carbon Disulfide	4.38	76	292605	24.17	ug/l	99
18) Methyl Acetate	4.68	43	46504	25.70	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	200180	24.37	ug/l	98
20) Methylene Chloride	4.92	84	115438	23.91	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	92974	23.09	ug/l	97
22) Diisopropyl ether	6.32	45	263730	24.72	ug/l	97
23) Vinyl Acetate	6.26	43	756672	127.26	ug/l	100
24) 1,1-Dichloroethane	6.22	63	155008	23.60	ug/l	98
25) 2-Butanone	7.18	43	133862	140.00	ug/l	94
26) 2,2-Dichloropropane	7.17	77	132555	23.28	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	99606	23.11	ug/l	99
28) Bromochloromethane	7.52	49	58781	24.26	ug/l #	97
29) Tetrahydrofuran	7.54	42	84815	131.63	ug/l	98
30) Chloroform	7.68	83	153465	23.29	ug/l	99
31) Cyclohexane	7.96	56	164395	23.53	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	135909	22.83	ug/l	100
36) 1,1-Dichloropropene	8.09	75	135853	23.78	ug/l	99
37) Ethyl Acetate	7.26	43	59266	27.27	ug/l	99
38) Carbon Tetrachloride	8.07	117	120377	22.49	ug/l	99

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Quant Time: Sep 12 14:40:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	168377	22.20	ug/l	98
40) Benzene	8.33	78	390739	23.21	ug/l	100
41) Methacrylonitrile	7.49	41	29597	26.55	ug/l	93
42) 1,2-Dichloroethane	8.41	62	95906	23.82	ug/l	100
43) Isopropyl Acetate	8.43	43	104203	25.82	ug/l	99
44) Trichloroethene	9.10	130	104828	22.70	ug/l	99
45) 1,2-Dichloropropane	9.37	63	97586	24.12	ug/l	98
46) Dibromomethane	9.46	93	46224	23.34	ug/l	97
47) Bromodichloromethane	9.65	83	111431	23.00	ug/l	96
48) Methyl methacrylate	9.45	41	48680	23.23	ug/l	96
49) 1,4-Dioxane	9.45	88	18968	512.99	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	287730	126.70	ug/l	99
52) Toluene	10.39	92	269507	22.03	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	120471	23.01	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	145308	23.18	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	75299	23.85	ug/l	99
56) Ethyl methacrylate	10.65	69	92540	23.12	ug/l	99
57) 1,3-Dichloropropane	10.94	76	123069	23.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	207879	119.47	ug/l	99
59) 2-Hexanone	10.98	43	214191	130.83	ug/l	99
60) Dibromochloromethane	11.13	129	79621	22.72	ug/l	99
61) 1,2-Dibromoethane	11.24	107	68095	23.52	ug/l	100
64) Tetrachloroethene	10.87	164	99293	21.75	ug/l	99
65) Chlorobenzene	11.66	112	299165	22.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	89694	22.29	ug/l	100
67) Ethyl Benzene	11.74	91	517810	22.06	ug/l	100
68) m/p-Xylenes	11.85	106	431248	45.59	ug/l	98
69) o-Xylene	12.17	106	197010	22.39	ug/l	98
70) Styrene	12.19	104	326328	22.73	ug/l	99
71) Bromoform	12.35	173	49843	22.84	ug/l	# 100
73) Isopropylbenzene	12.47	105	534347	21.57	ug/l	100
74) N-amyl acetate	12.28	43	111824	23.72	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	87367	23.46	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	59016m	21.88	ug/l	
77) Bromobenzene	12.76	156	126632	21.69	ug/l	97
78) n-propylbenzene	12.81	91	667945	22.45	ug/l	99
79) 2-Chlorotoluene	12.90	91	376159	22.04	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	469925	22.27	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	26409	22.96	ug/l	98
82) 4-Chlorotoluene	12.99	91	399932	22.30	ug/l	99
83) tert-Butylbenzene	13.21	119	392553	21.27	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	475844	22.44	ug/l	99
85) sec-Butylbenzene	13.39	105	585724	22.09	ug/l	99
86) p-Isopropyltoluene	13.51	119	522594	22.26	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	265516	21.66	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	269576	22.39	ug/l	99
89) n-Butylbenzene	13.83	91	487746	22.10	ug/l	98
90) Hexachloroethane	14.10	117	77679	20.65	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	240755	22.35	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14698	23.74	ug/l	97

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MSVOA_W
ClientSampleId :
VW0912SBSD01

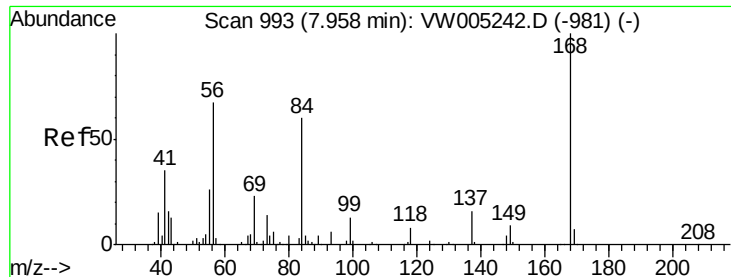
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	165859	21.76	ug/l	99
94) Hexachlorobutadiene	15.24	225	104736	21.46	ug/l	100
95) Naphthalene	15.38	128	276112	22.35	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	144857	22.09	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion:168 Resp: 437842

Ion Ratio Lower Upper

168 100

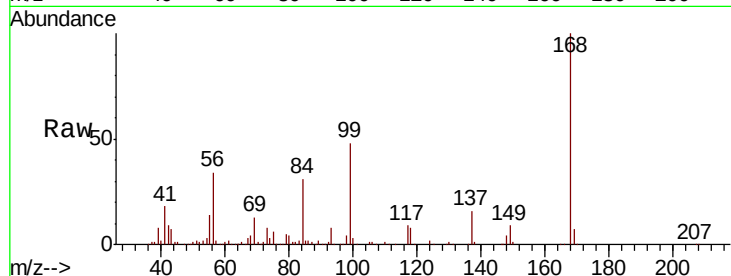
99 48.3 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

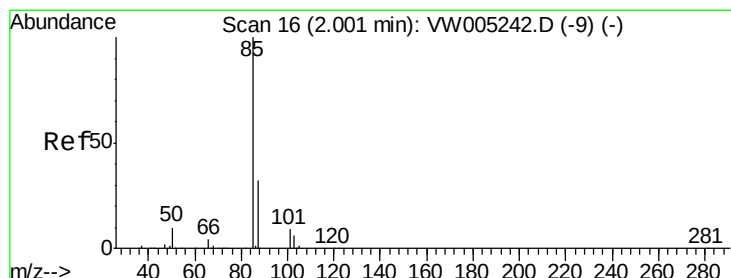
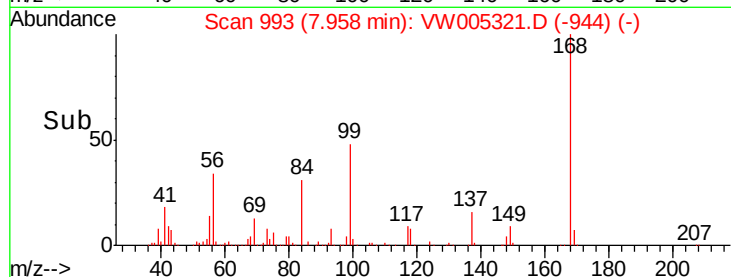
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 24.77 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005321.D

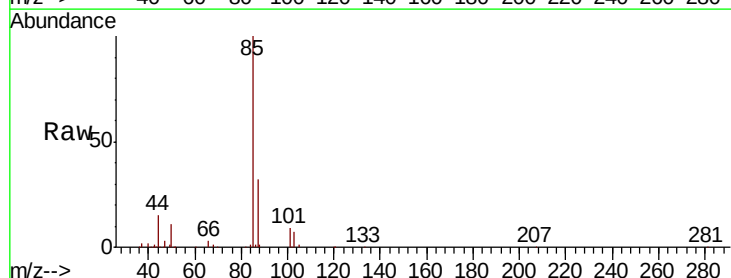
Acq: 12 Sep 2018 13:24

Tgt Ion: 85 Resp: 93556

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

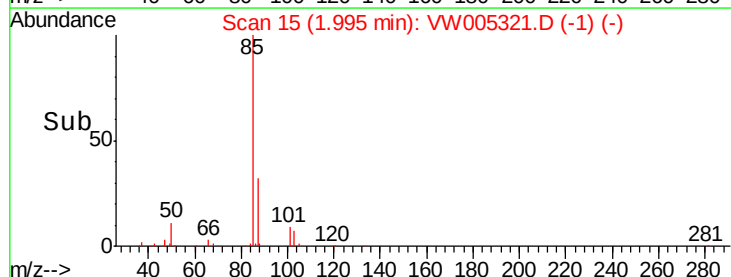
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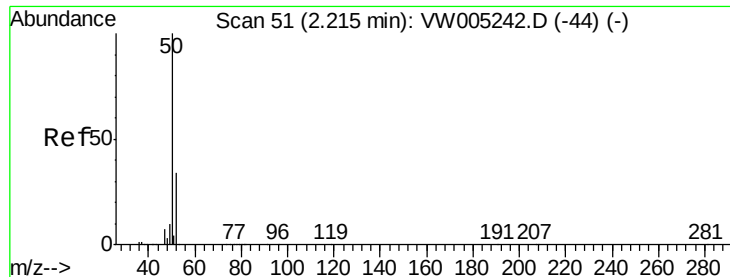
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 25.01 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion: 50 Resp: 126299

Ion Ratio Lower Upper

50 100

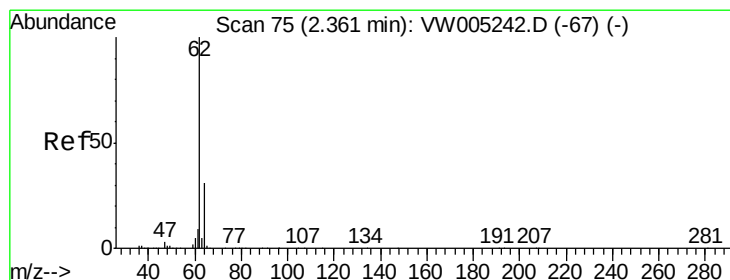
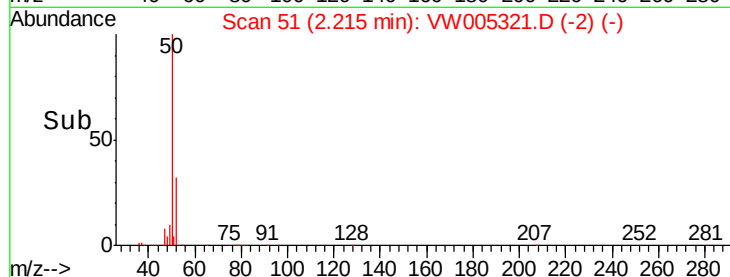
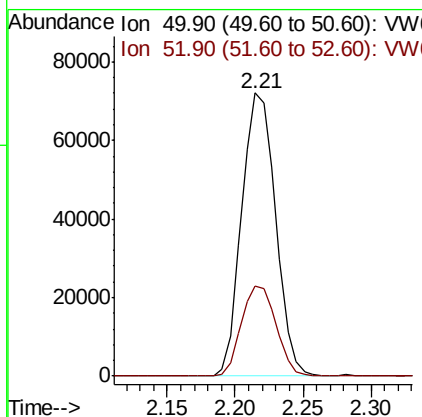
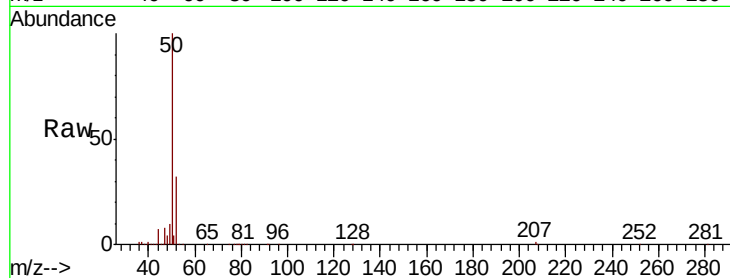
52 32.0 27.0 40.4

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#4

Vinyl Chloride

Concen: 24.60 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005321.D

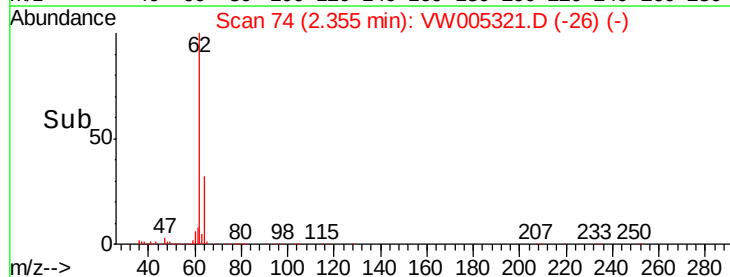
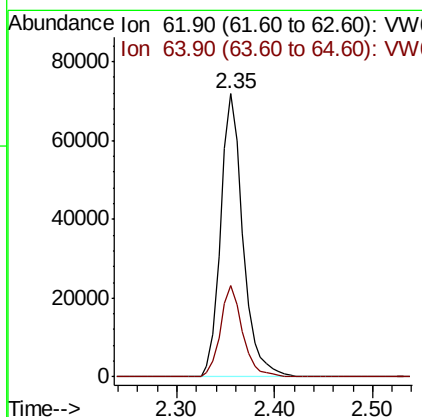
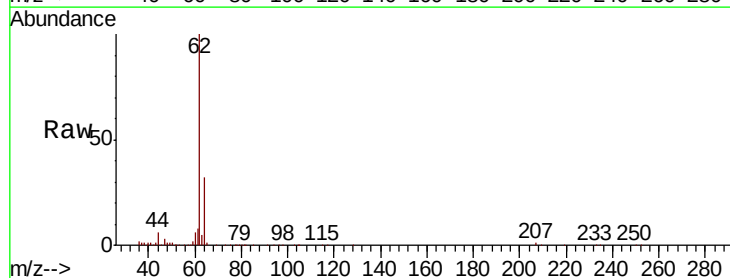
Acq: 12 Sep 2018 13:24

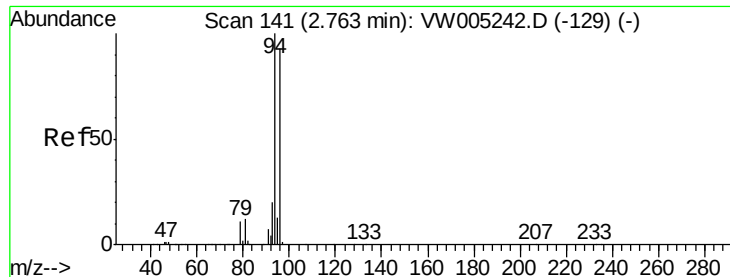
Tgt Ion: 62 Resp: 114047

Ion Ratio Lower Upper

62 100

64 32.4 24.6 37.0





#5

Bromomethane

Concen: 24.91 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Tot Ion: 94 Resp: 74258

Ion Ratio Lower Upper

94 100

96 92.8 74.1 111.1

Instrument :

MSVOA_W

ClientSampleId :

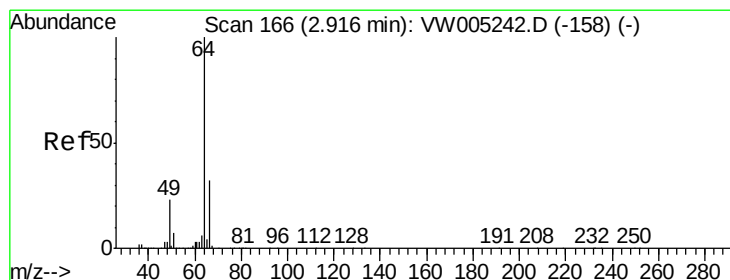
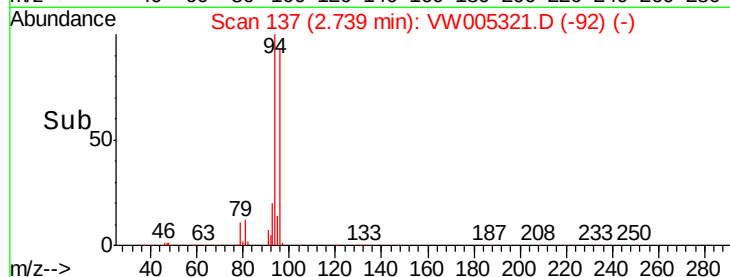
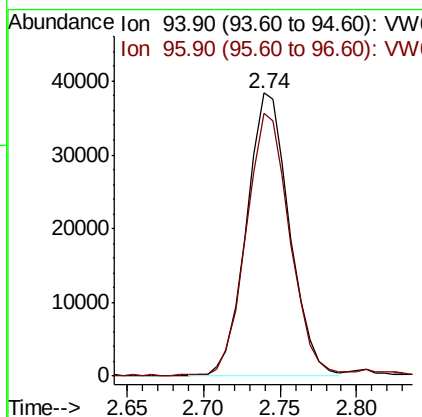
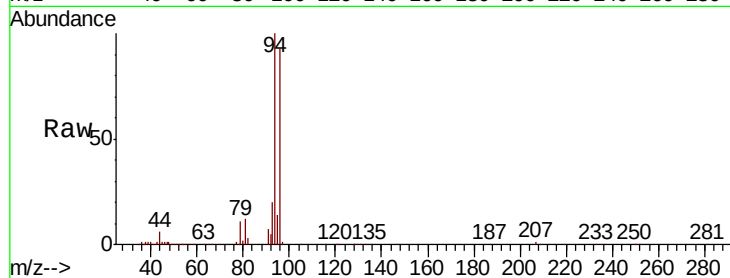
VW0912SBSD01

Manual Integrations

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#6

Chloroethane

Concen: 24.25 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW005321.D

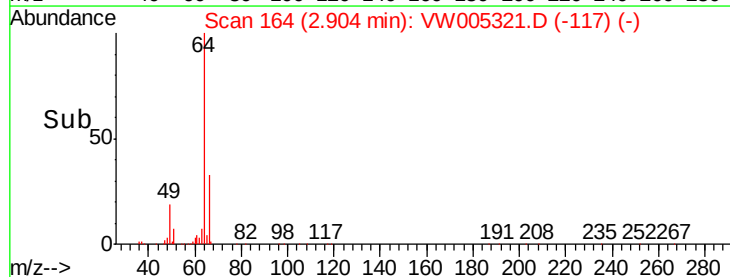
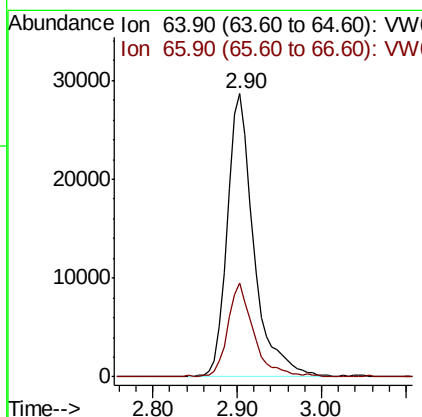
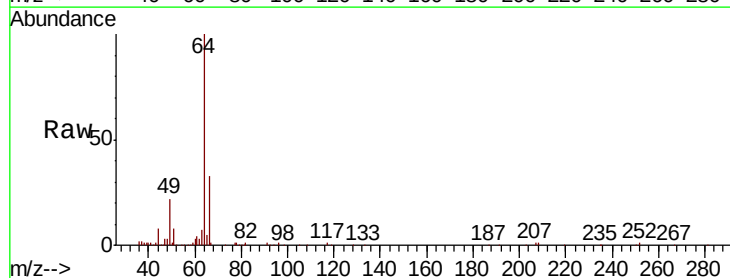
Acq: 12 Sep 2018 13:24

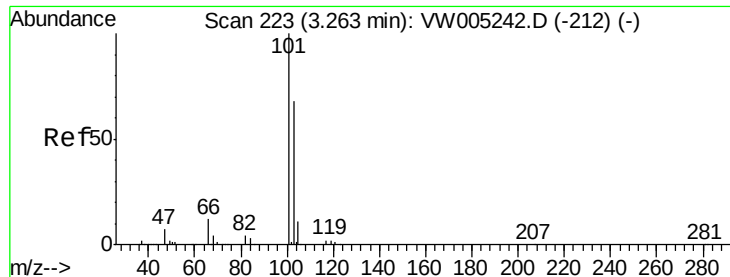
Tgt Ion: 64 Resp: 61920

Ion Ratio Lower Upper

64 100

66 33.3 25.3 37.9





#7

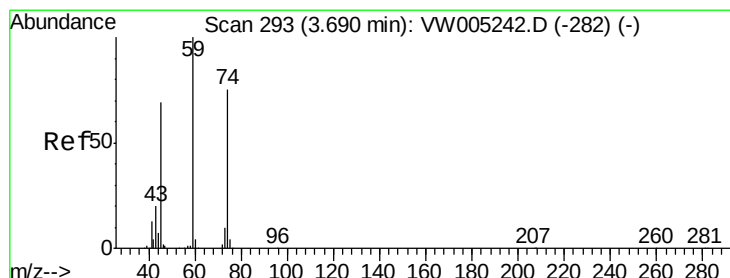
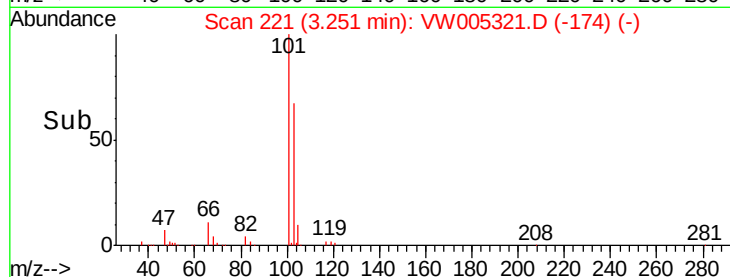
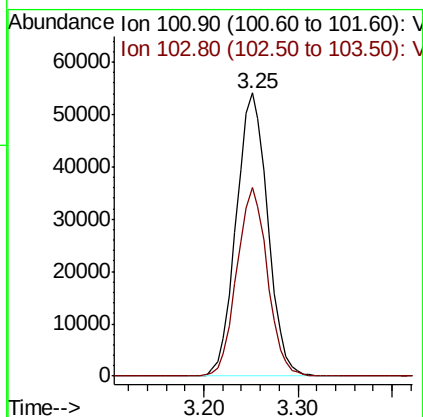
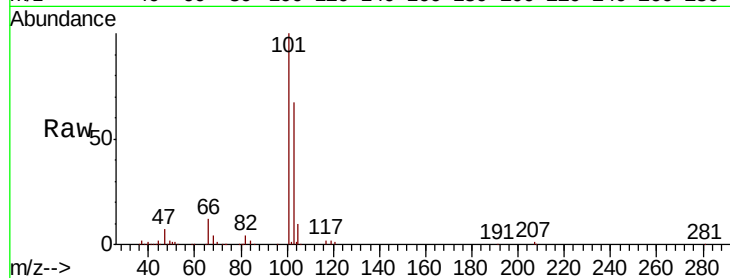
Trichlorofluoromethane
Concen: 24.14 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

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MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	54.1	81.1

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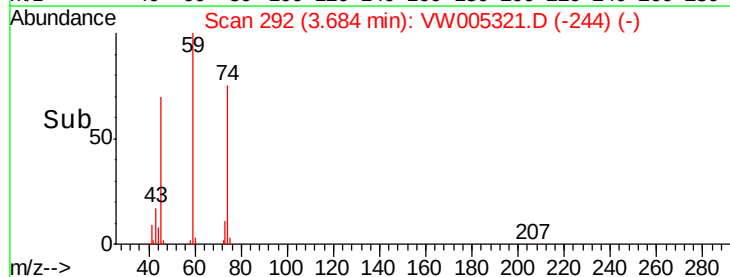
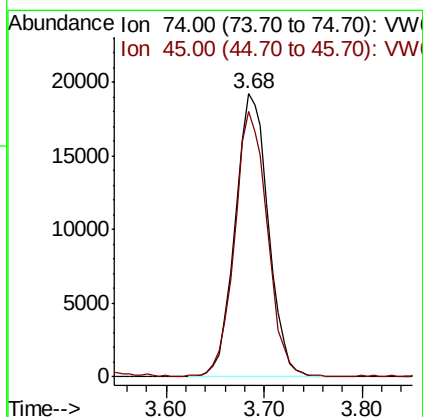
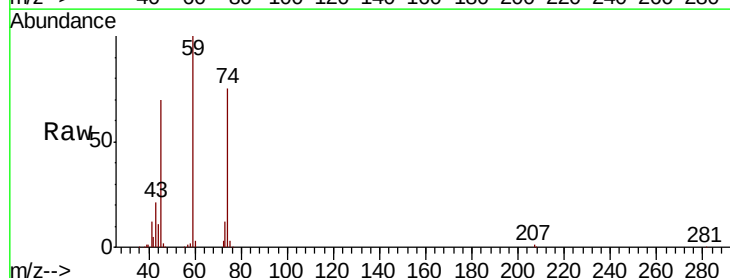
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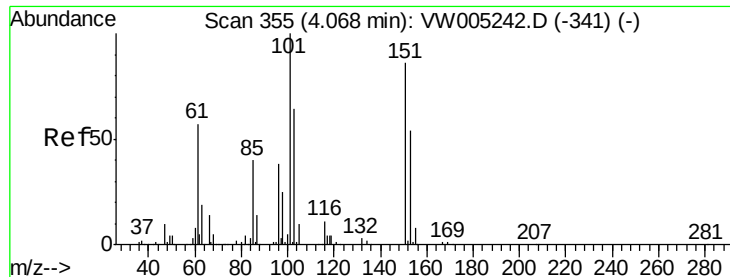


#8

Diethyl Ether
Concen: 24.20 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.8	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.18 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Instrument :

MSVOA_W

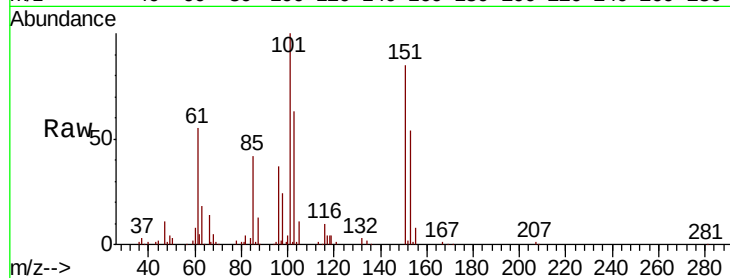
ClientSampleId :

VW0912SBSD01

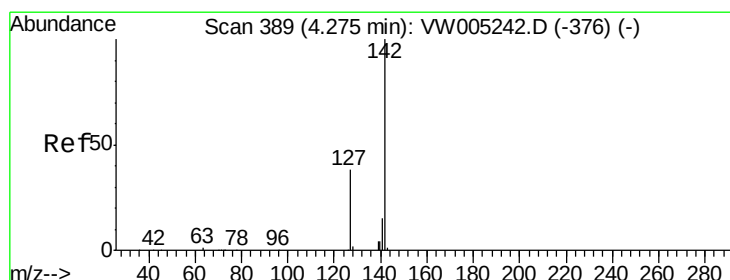
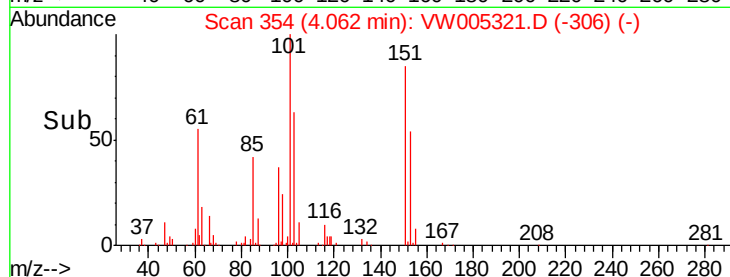
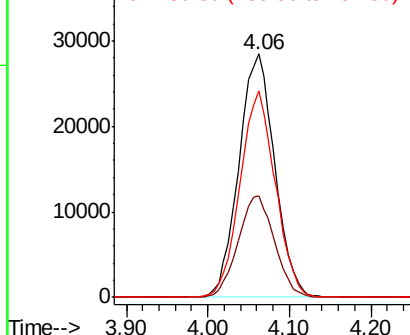
Tot Ion:	101	Resp:	86843
Ion Ratio	Lower	Upper	
101	100		
85	42.3	32.7	49.1
151	83.5	67.6	101.4

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.67 ug/l

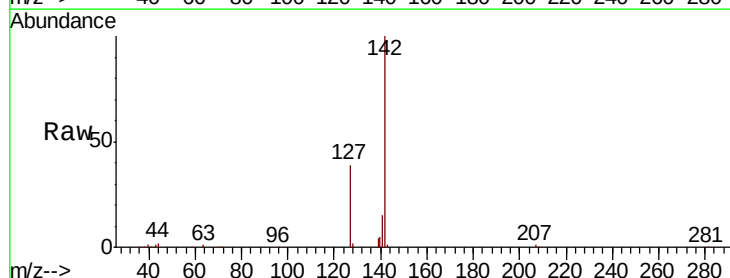
RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

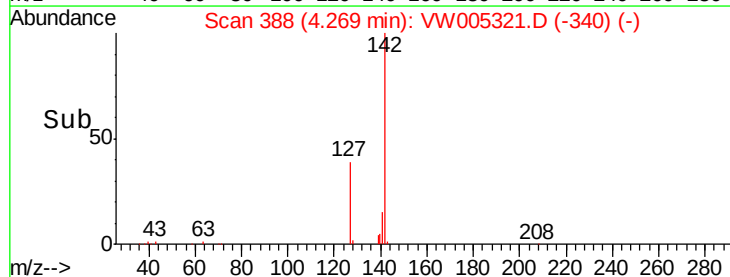
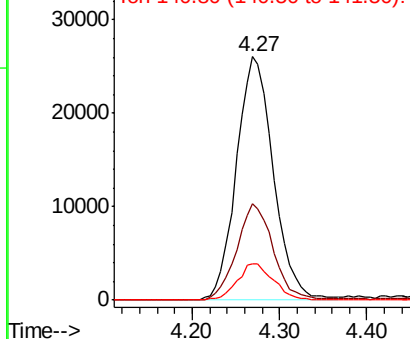
Lab File: VW005321.D

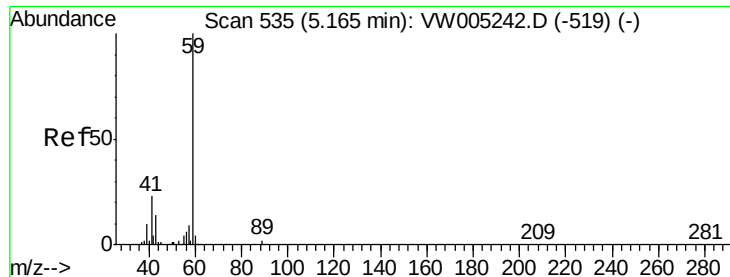
Acq: 12 Sep 2018 13:24

Tgt Ion:	142	Resp:	76525
Ion Ratio	Lower	Upper	
142	100		
127	38.9	30.3	45.5
141	14.7	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

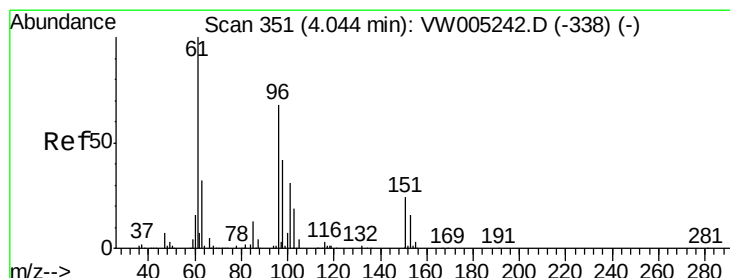
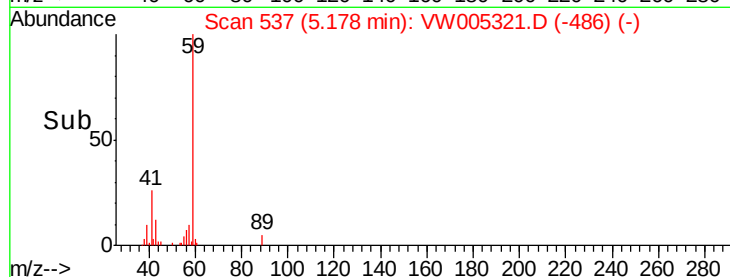
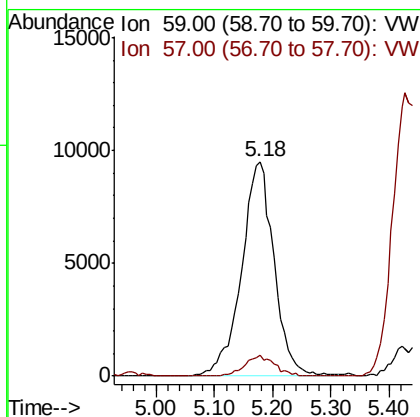
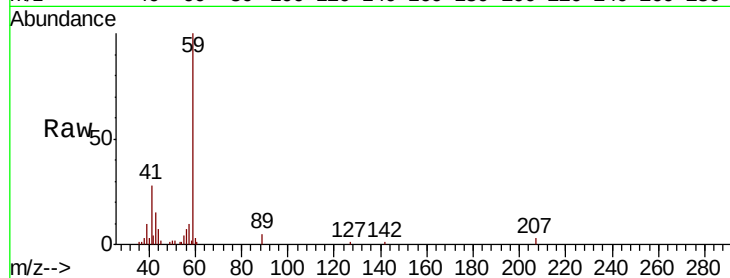
Tert butyl alcohol
 Concen: 137.19 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.8	8.1	12.1

Manual Integrations
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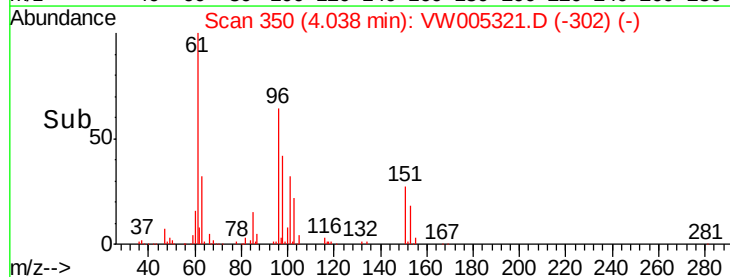
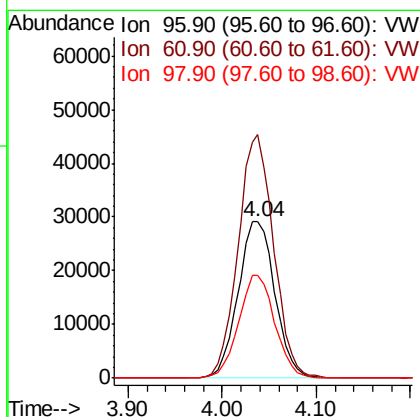
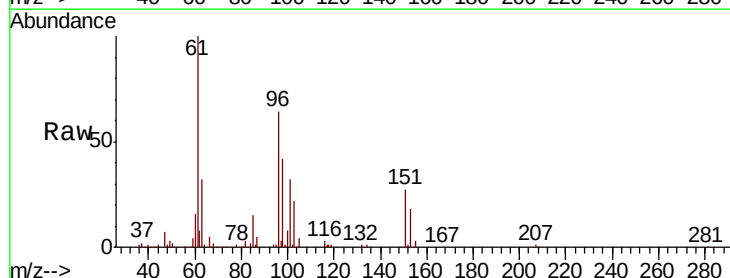
apatel
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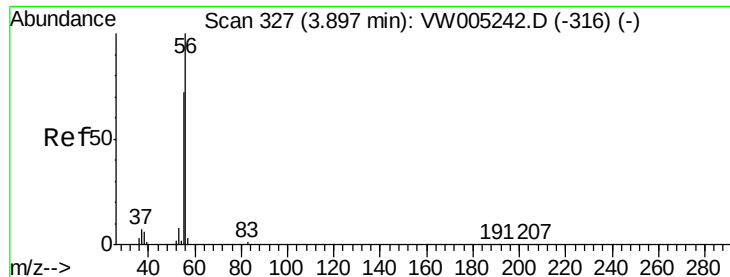


#12

1,1-Dichloroethene
 Concen: 23.18 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.6	118.2	177.2
98	66.1	49.9	74.9





#13

Acrolein

Concen: 125.67 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion: 56 Resp: 32511

Ion Ratio Lower Upper

56 100

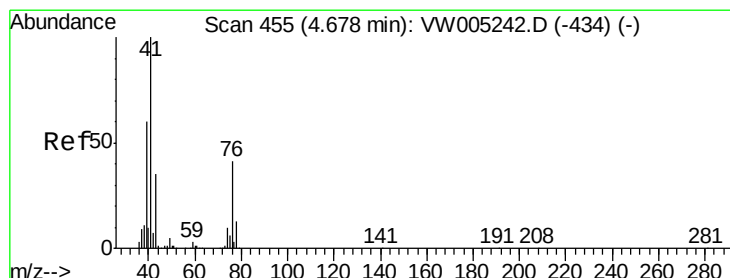
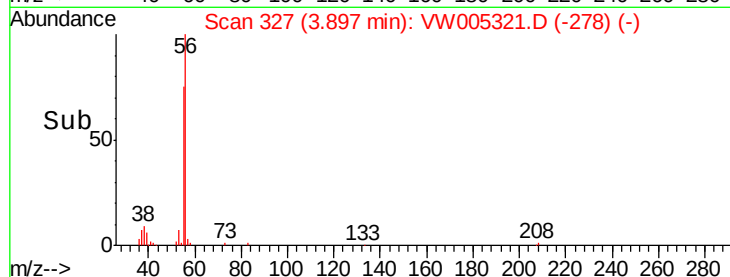
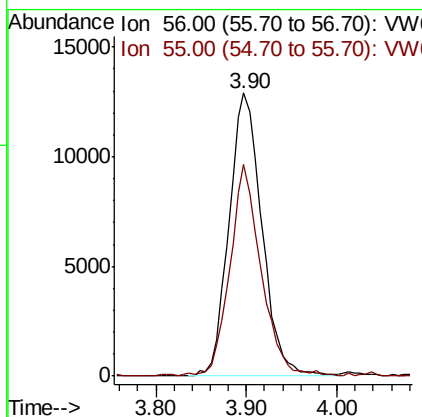
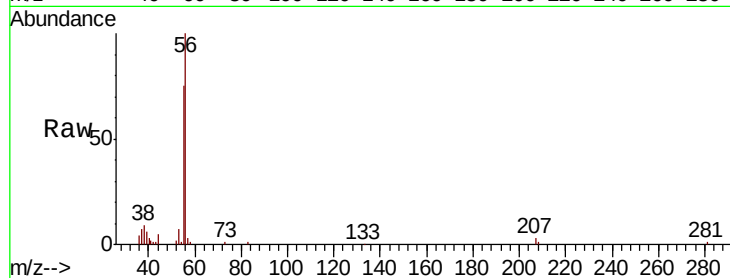
55 71.1 56.8 85.2

Manual Integrations

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#14

Allyl chloride

Concen: 23.22 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

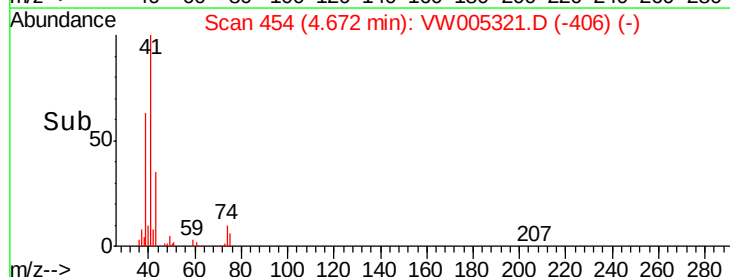
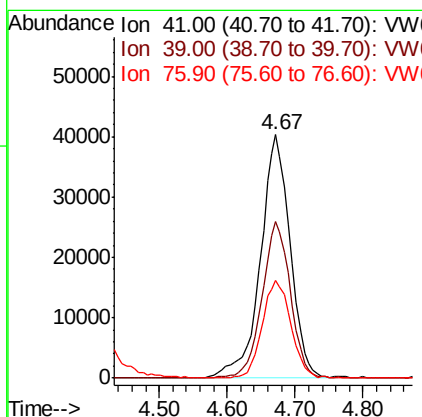
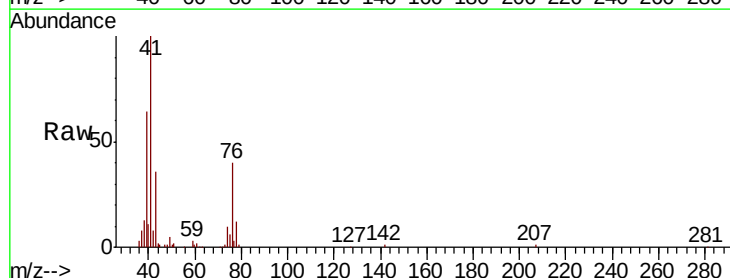
Tgt Ion: 41 Resp: 123026

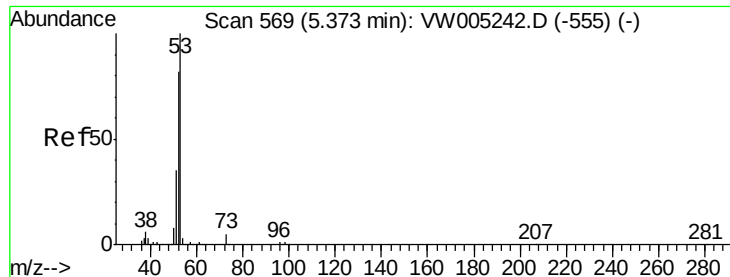
Ion Ratio Lower Upper

41 100

39 61.3 48.2 72.4

76 38.6 31.7 47.5





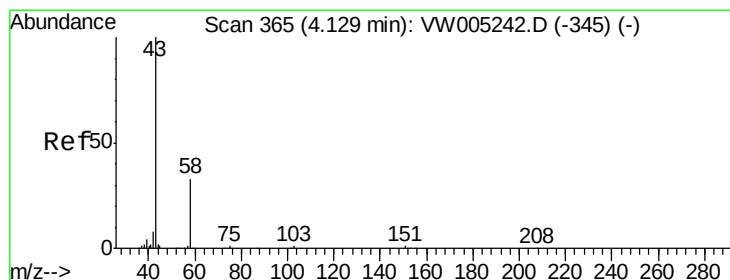
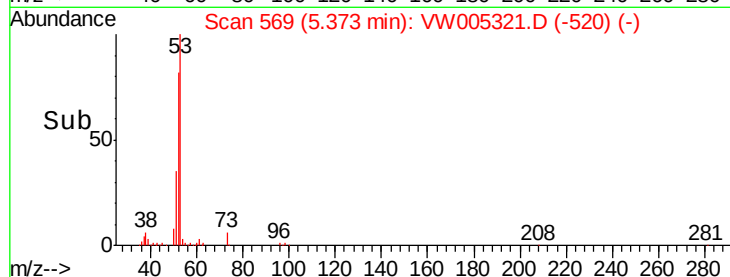
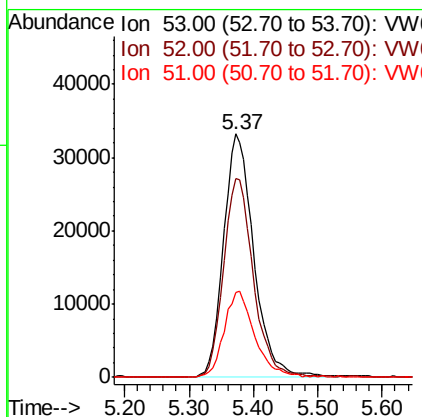
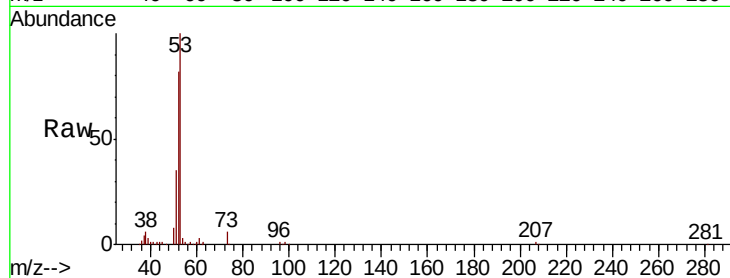
#15
 Acrylonitrile
 Concen: 130.00 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion:	53	Resp:	109614
Ion Ratio	Lower	Upper	
53	100		
52	80.5	66.0	99.0
51	35.6	28.6	43.0

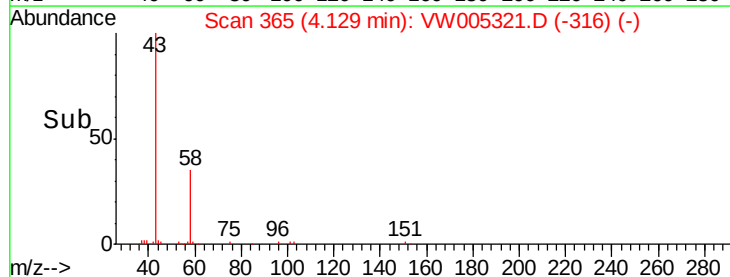
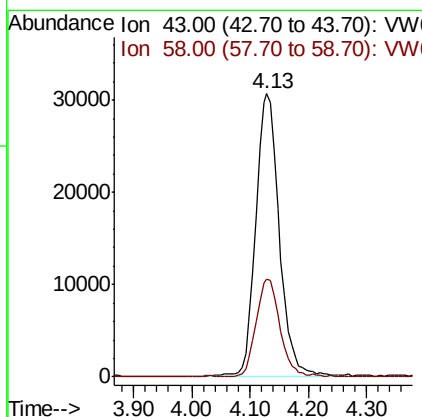
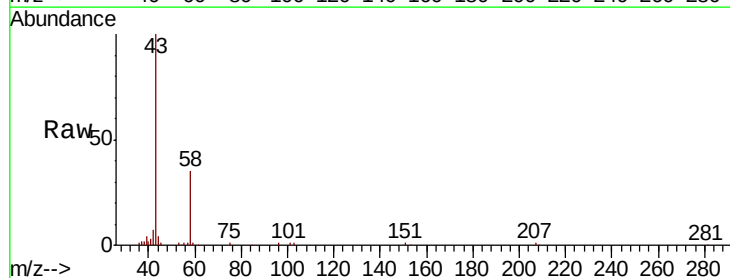
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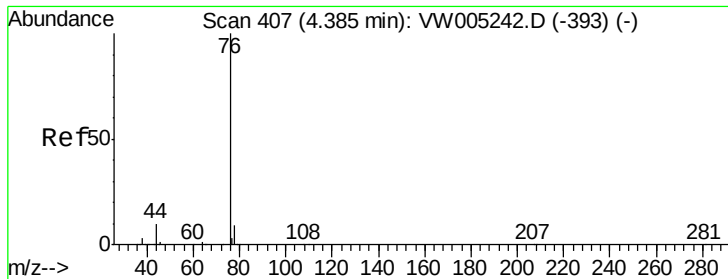
apatel
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#16
 Acetone
 Concen: 142.80 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Tgt Ion:	43	Resp:	86561
Ion Ratio	Lower	Upper	
43	100		
58	34.6	26.7	40.1





#17

Carbon Disulfide

Concen: 24.17 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion: 76 Resp: 292605

Ion Ratio Lower Upper

76 100

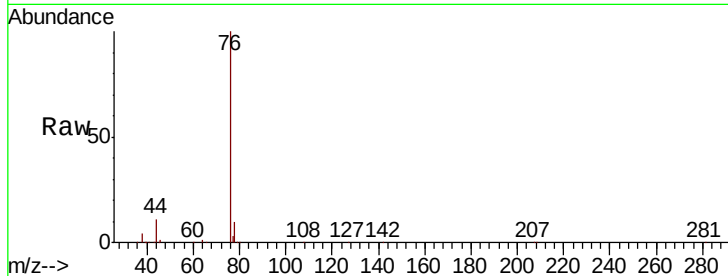
78 9.8 7.5 11.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

100000

80000

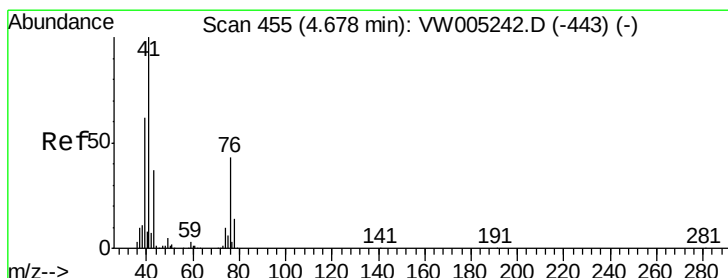
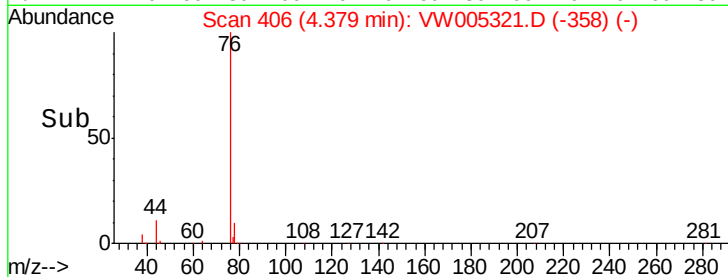
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 25.70 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005321.D

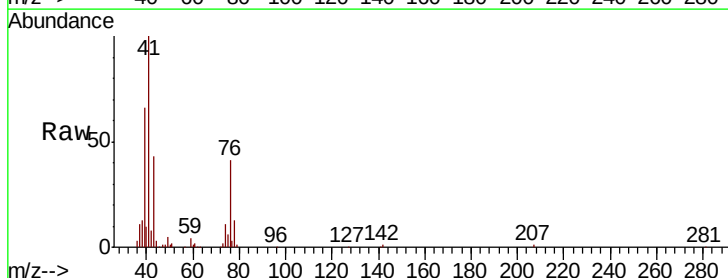
Acq: 12 Sep 2018 13:24

Tgt Ion: 43 Resp: 46504

Ion Ratio Lower Upper

43 100

74 26.3 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

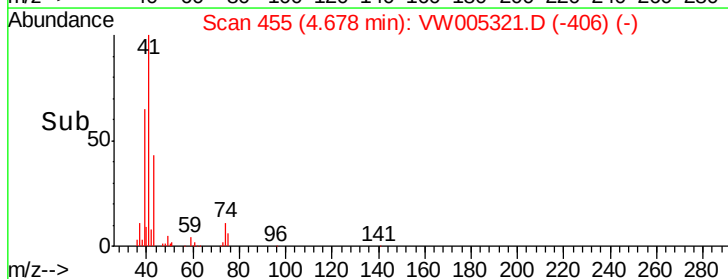
15000

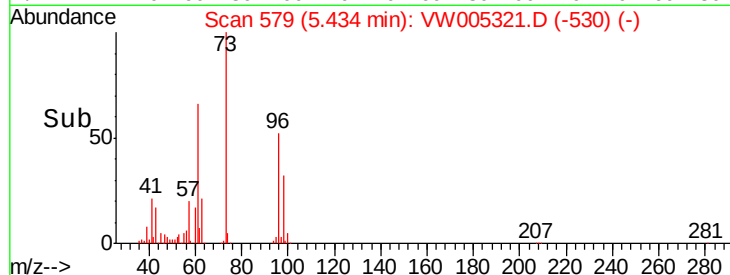
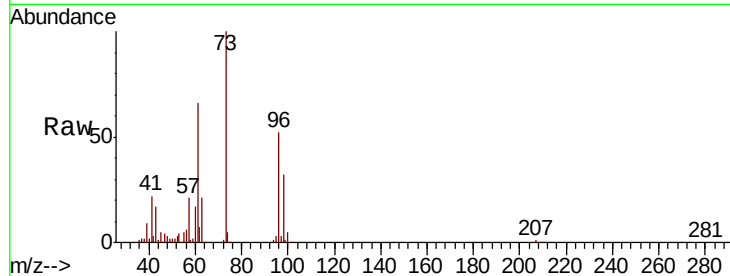
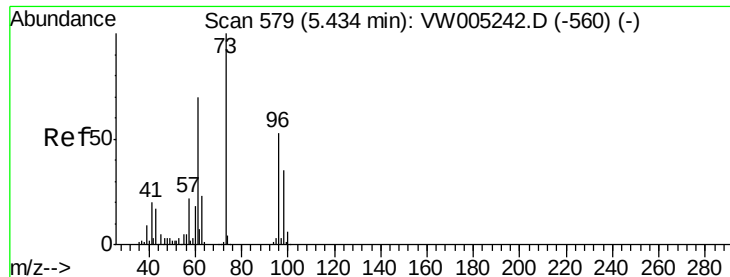
10000

5000

0

Time-->





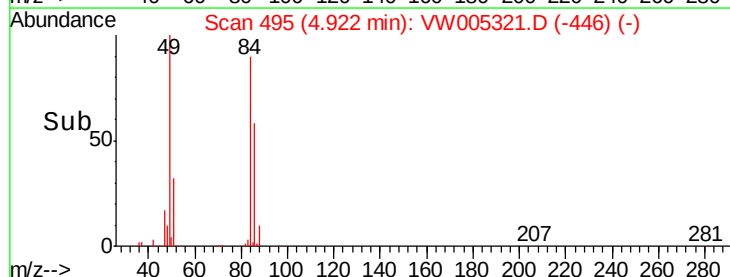
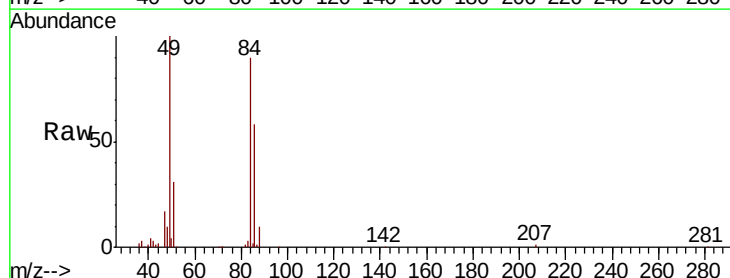
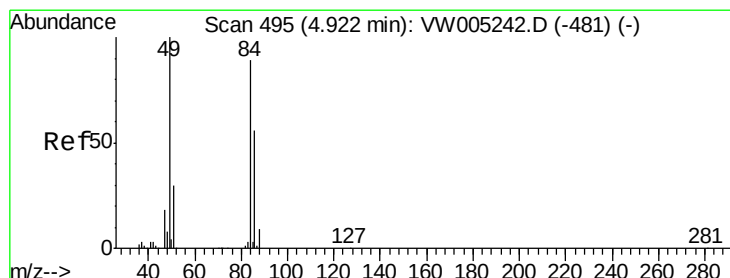
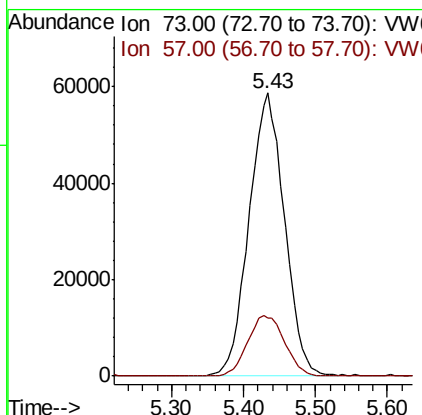
#19
Methyl tert-butyl Ether
Concen: 24.37 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tot Ion: 73 Resp: 200180
Ion Ratio Lower Upper
73 100
57 20.6 17.4 26.2

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

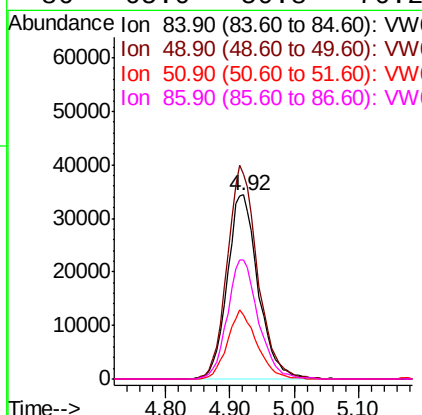
Manual Integrations
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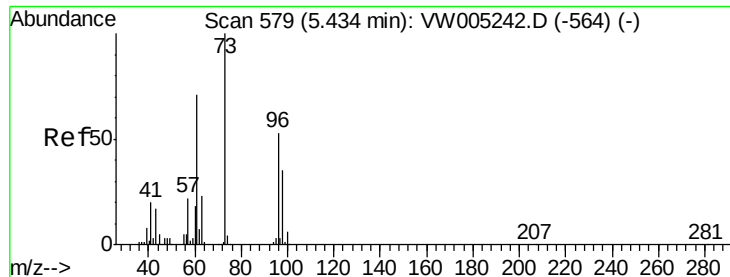
apatel
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#20
Methylene Chloride
Concen: 23.91 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion: 84 Resp: 115438
Ion Ratio Lower Upper
84 100
49 111.7 90.3 135.5
51 35.1 26.9 40.3
86 65.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 23.09 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Instrument :

MSVOA_W

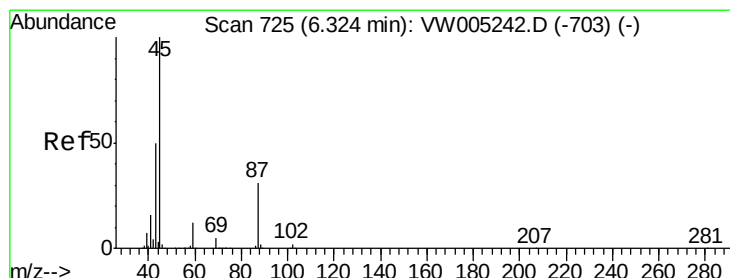
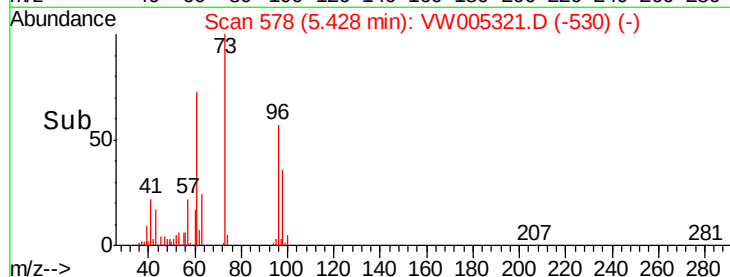
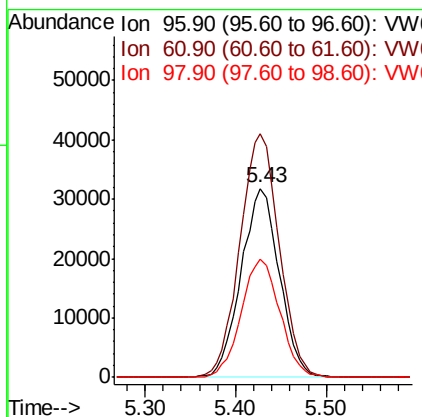
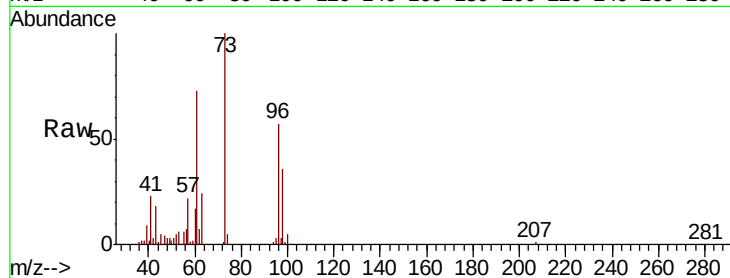
ClientSampleId :

VW0912SBSD01

Tot Ion:	96	Resp:	92974
Ion	Ratio	Lower	Upper
96	100		
61	128.7	105.7	158.5
98	62.8	52.8	79.2

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#22

Diisopropyl ether

Concen: 24.72 ug/l

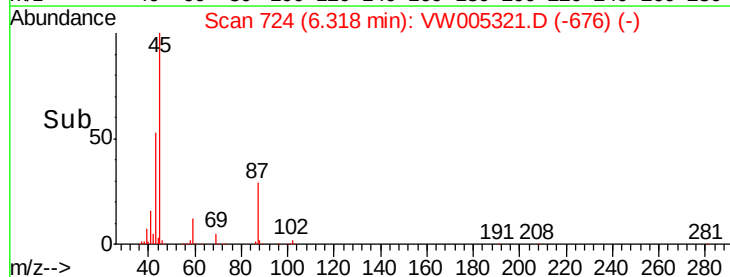
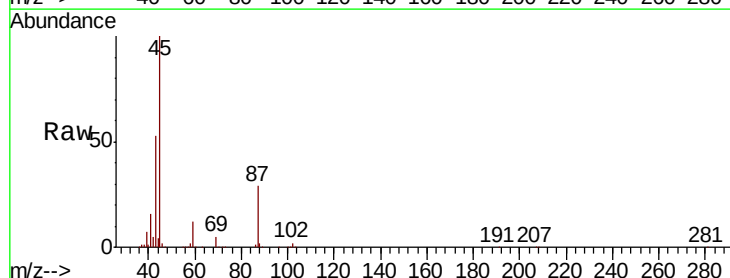
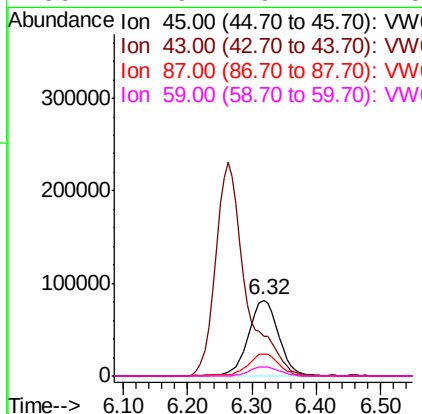
RT: 6.32 min Scan# 724

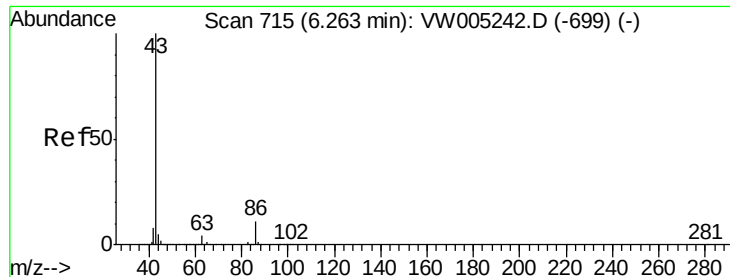
Delta R.T. -0.01 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Tgt Ion:	45	Resp:	263730
Ion	Ratio	Lower	Upper
45	100		
43	51.8	39.6	59.4
87	28.6	24.7	37.1
59	11.9	9.7	14.5





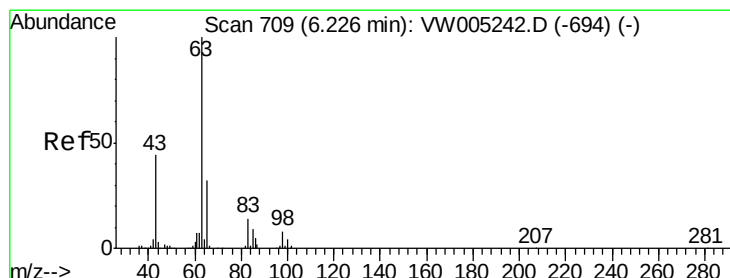
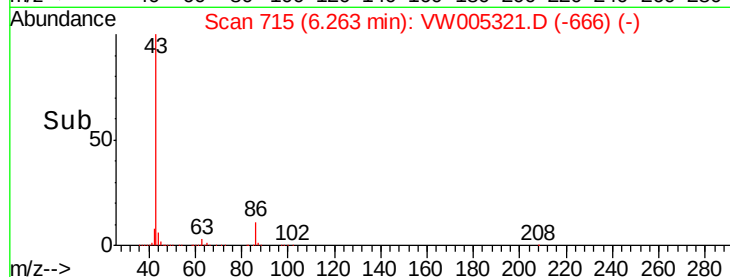
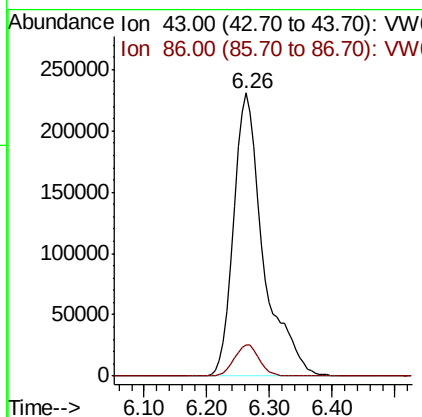
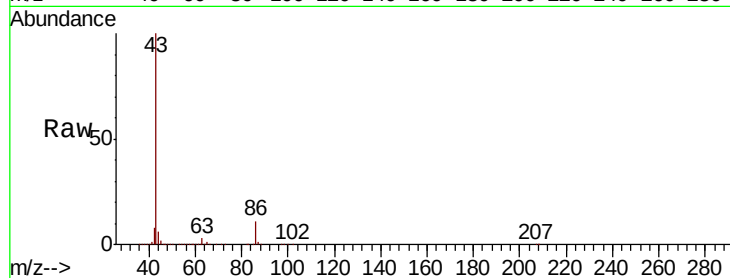
#23
 Vinyl Acetate
 Concen: 127.26 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Instrument :
 MSVOA_W
 ClientSampled :
 VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.0	8.9	13.3

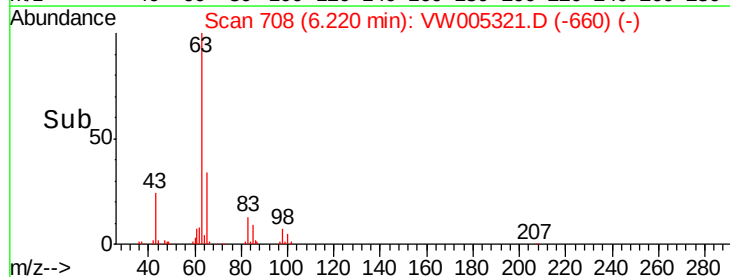
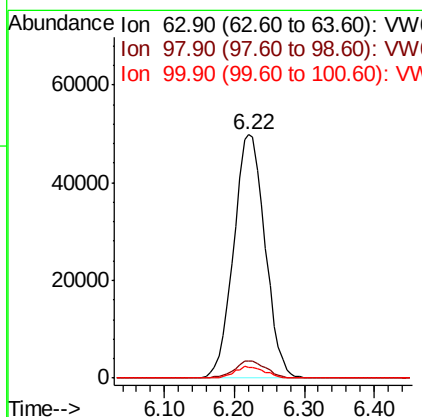
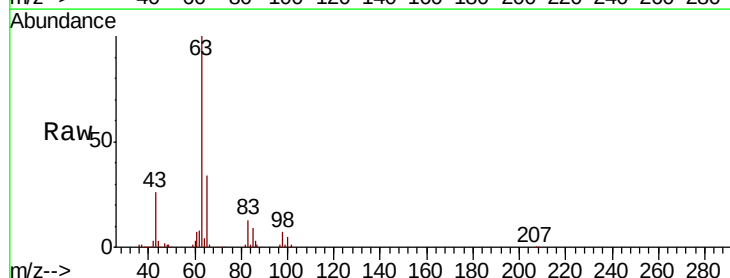
Manual Integrations
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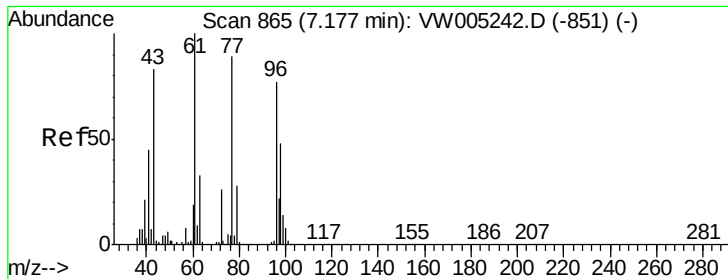
apatel
 9/13/2018 11:11:27 AM



#24
 1,1-Dichloroethane
 Concen: 23.60 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.4
100	4.6	2.2	6.6





#25

2-Butanone

Concen: 140.00 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion: 43 Resp: 133862

Ion Ratio Lower Upper

43 100

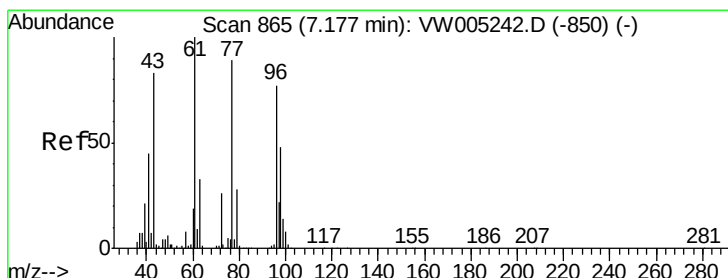
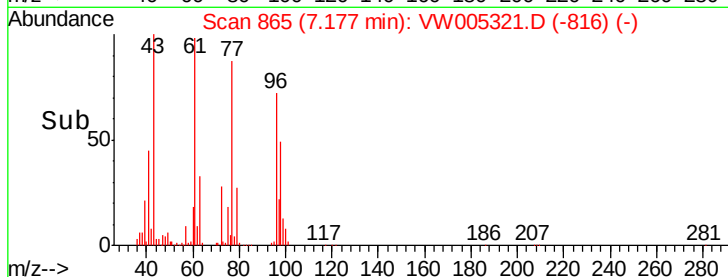
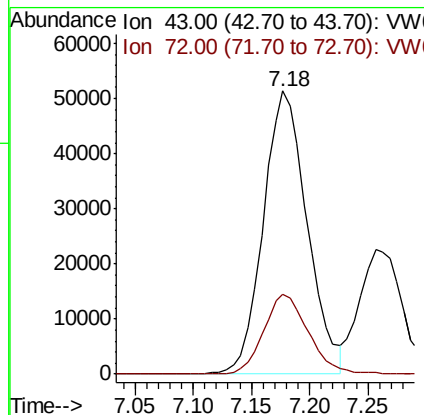
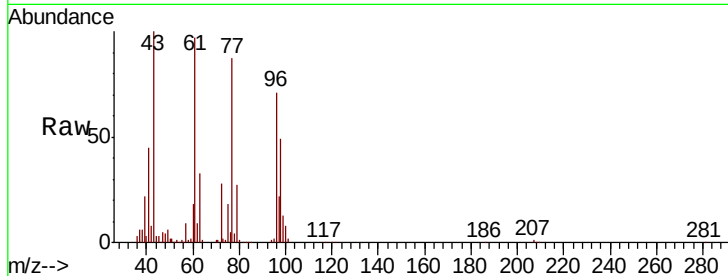
72 28.1 25.0 37.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 23.28 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005321.D

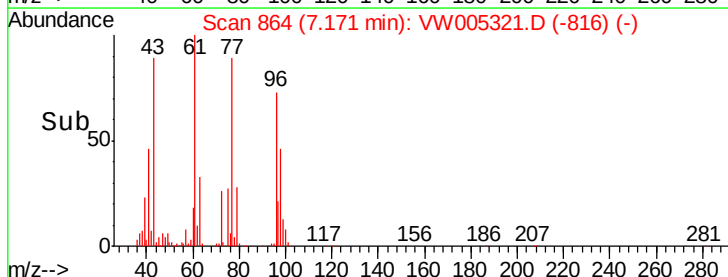
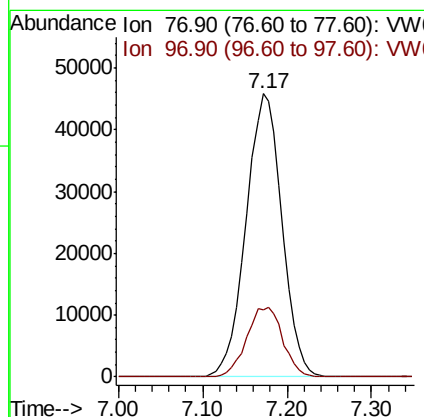
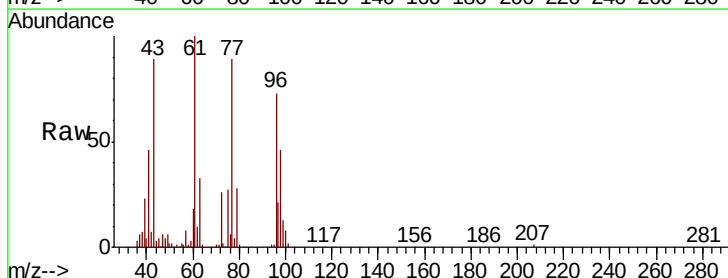
Acq: 12 Sep 2018 13:24

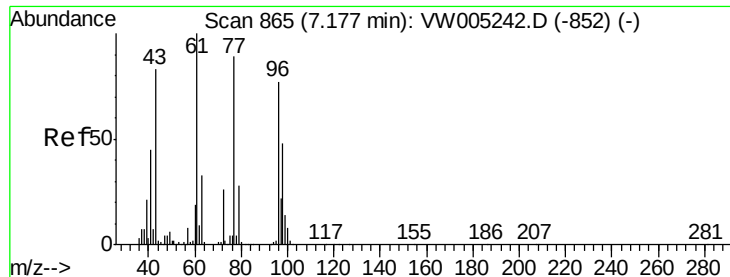
Tgt Ion: 77 Resp: 132555

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6





#27

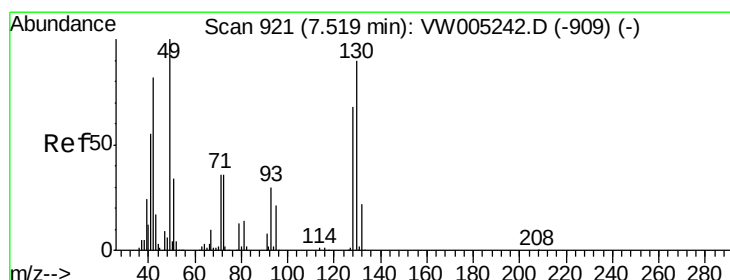
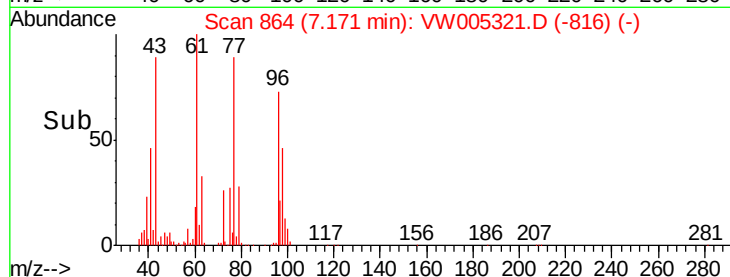
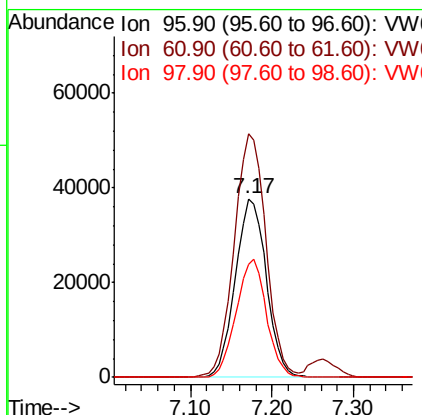
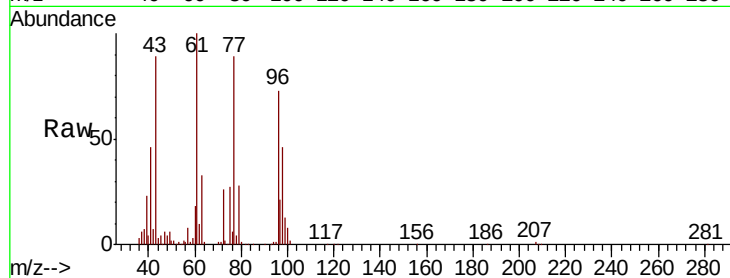
cis-1,2-Dichloroethene
Concen: 23.11 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	273.4
98	64.2	0.0	127.8

Manual Integrations
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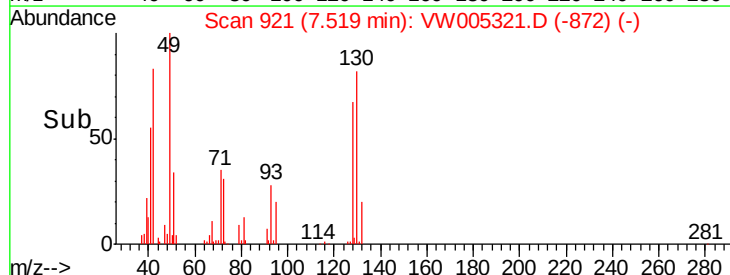
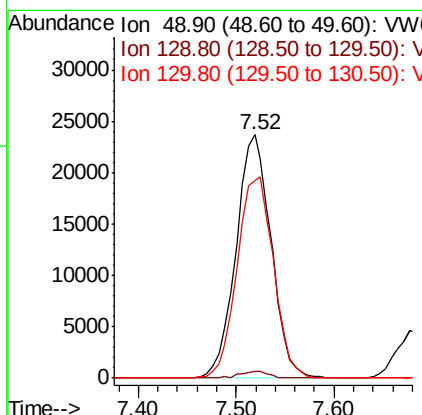
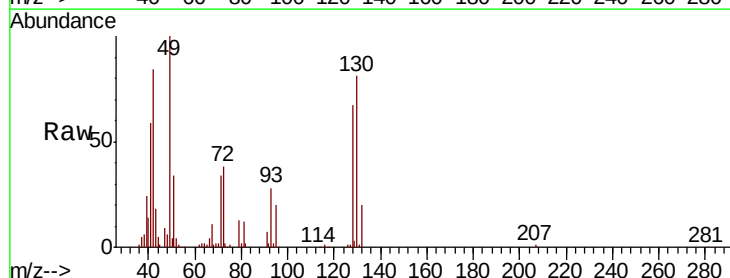
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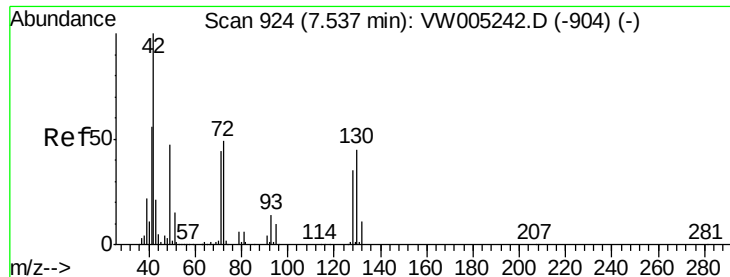


#28

Bromochloromethane
Concen: 24.26 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.0#
130	86.0	71.2	106.8





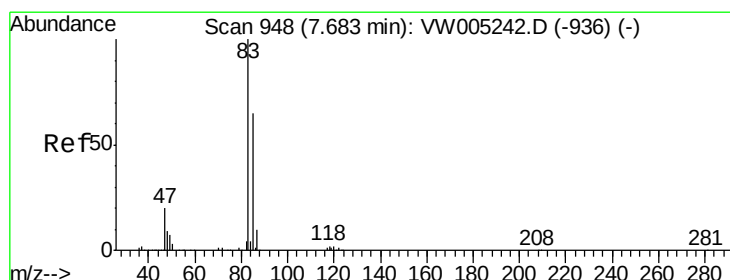
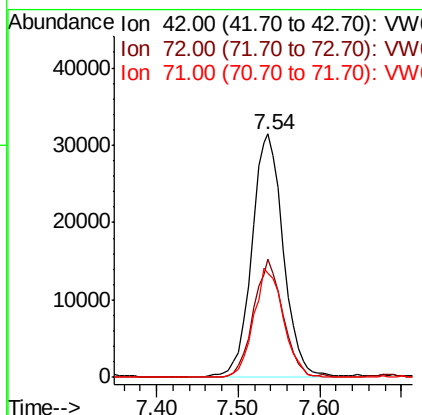
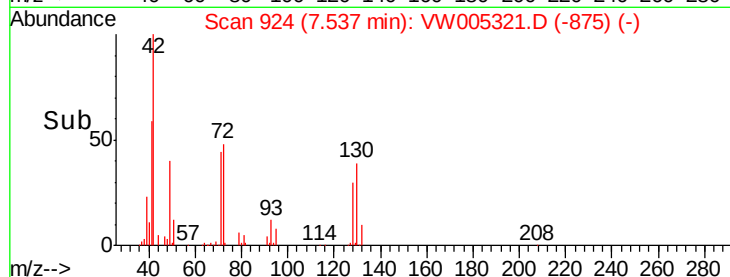
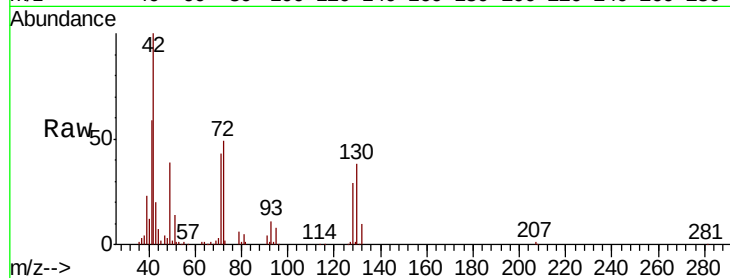
#29
Tetrahydrofuran
Concen: 131.63 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.5	56.3
71	42.4	34.8	52.2

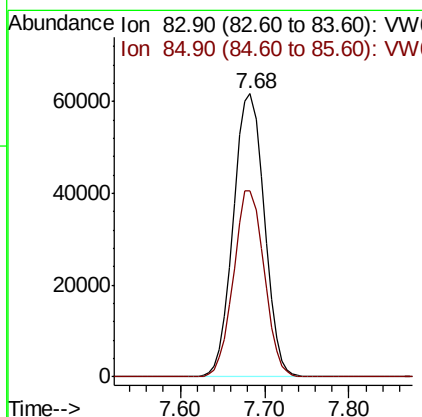
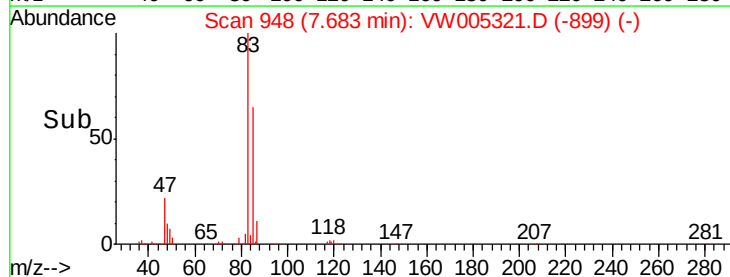
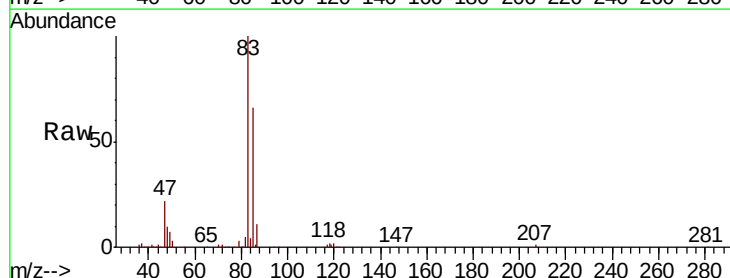
Manual Integrations
APPROVED

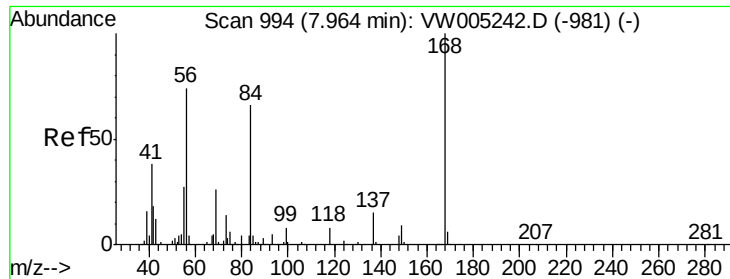
apatel
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#30
Chloroform
Concen: 23.29 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.7	77.5





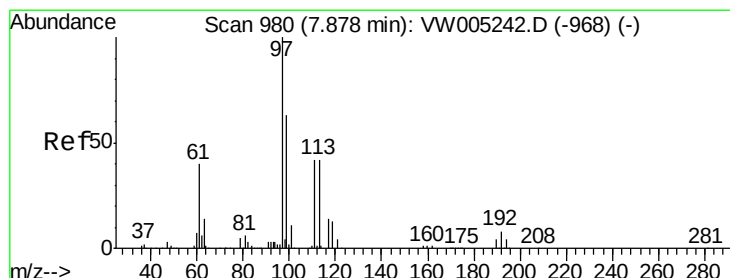
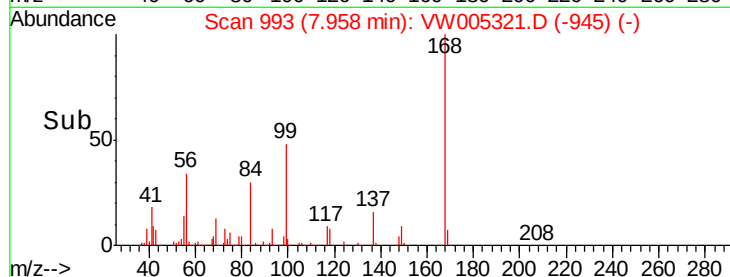
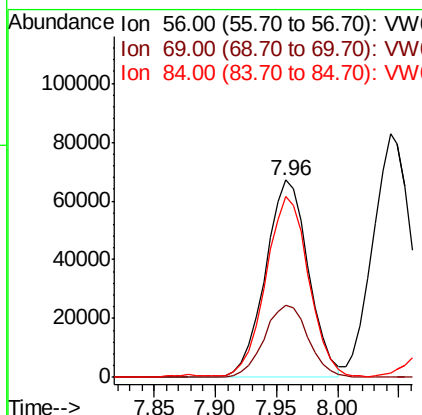
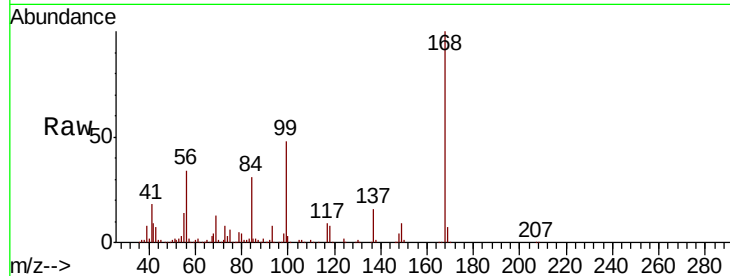
#31
Cyclohexane
Concen: 23.53 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.8	27.8	41.8
84	90.2	72.1	108.1

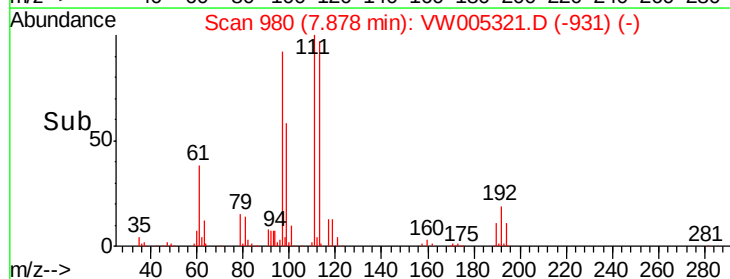
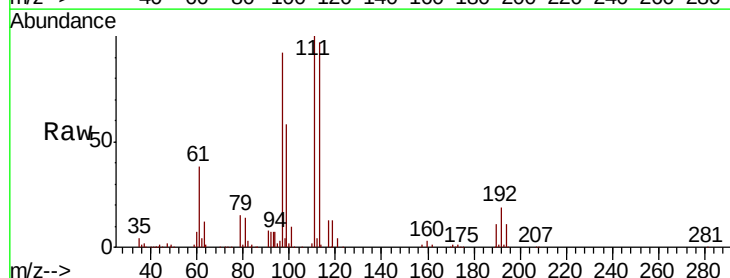
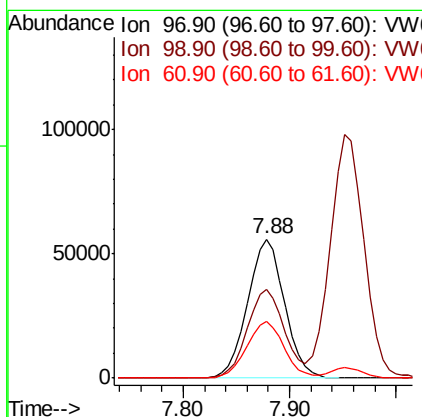
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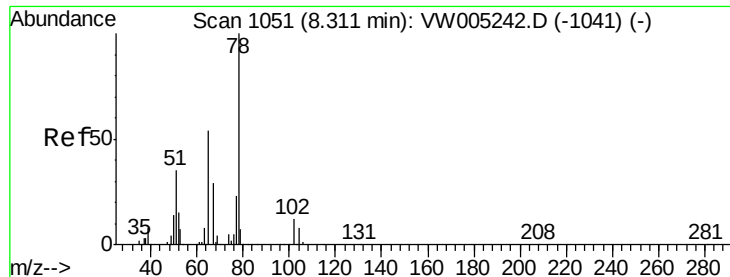
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#32
1,1,1-Trichloroethane
Concen: 22.83 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.5	77.3
61	41.0	32.5	48.7





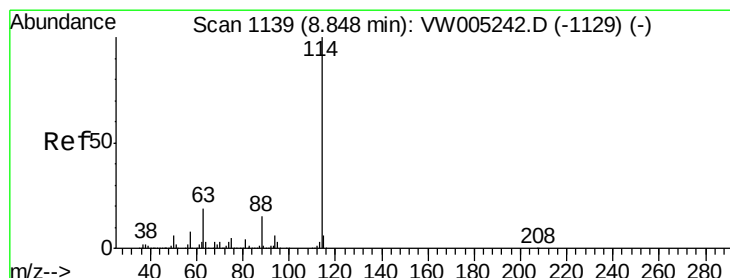
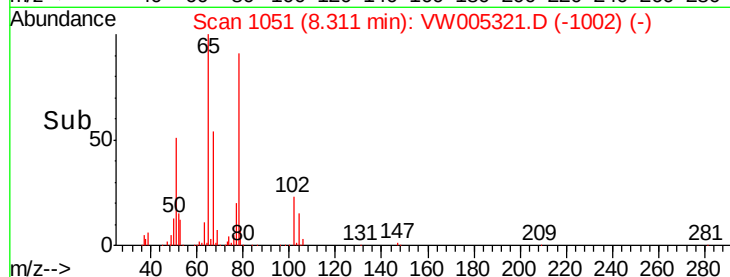
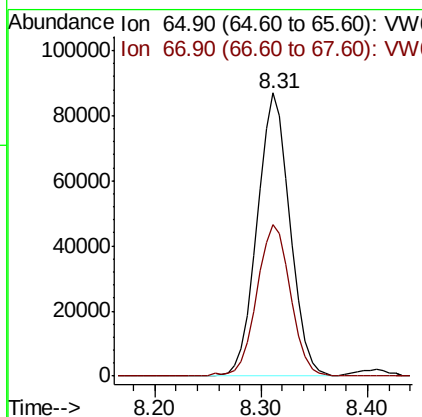
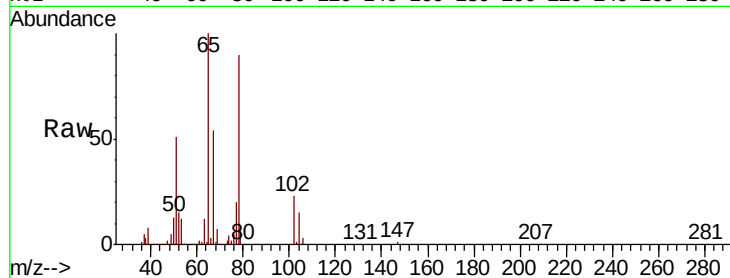
#33
 1,2-Dichloroethane-d4
 Concen: 57.29 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.3	0.0	112.2	

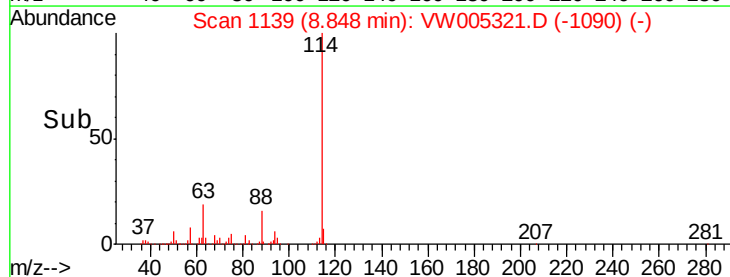
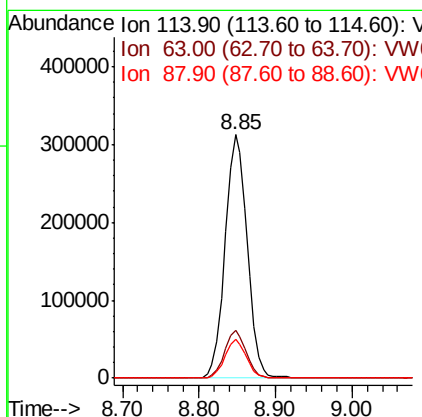
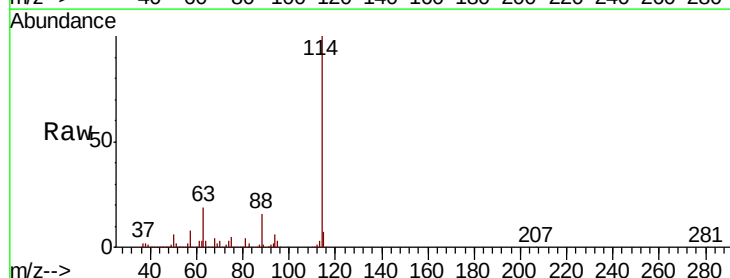
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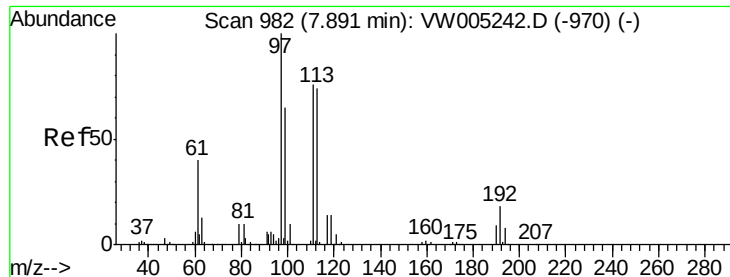
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.4	0.0	37.0	
88	16.0	0.0	30.4	





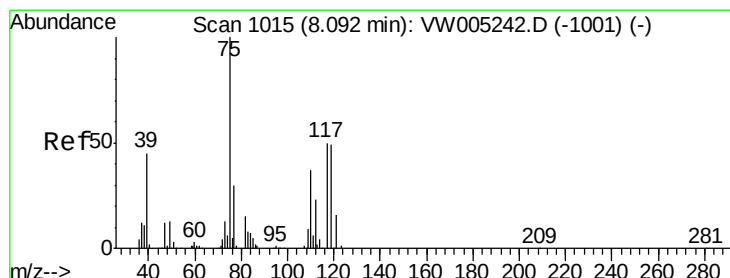
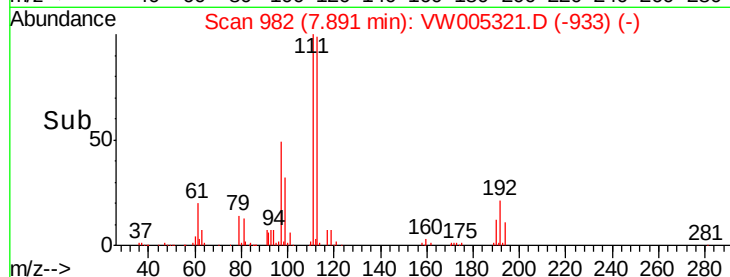
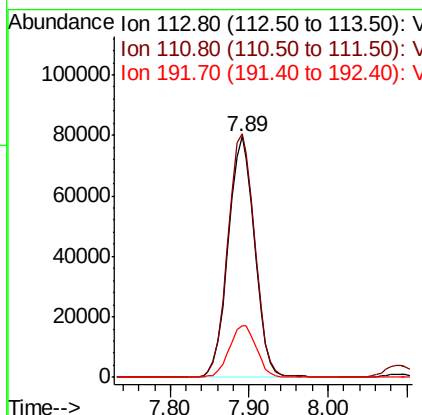
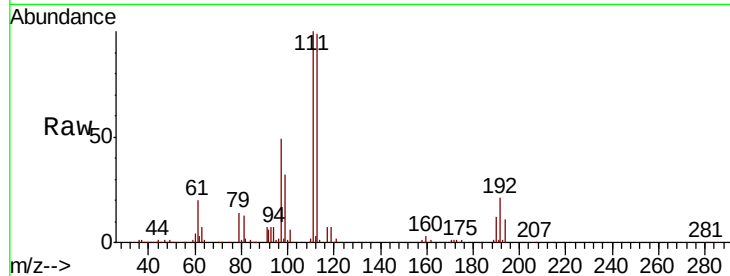
#35
 Dibromofluoromethane
 Concen: 56.78 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	185491		
111	103.2	80.6	121.0	
192	22.1	18.3	27.5	

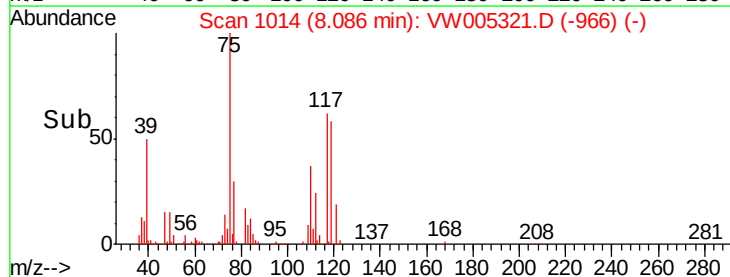
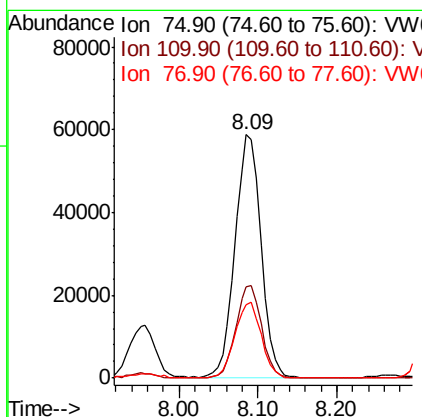
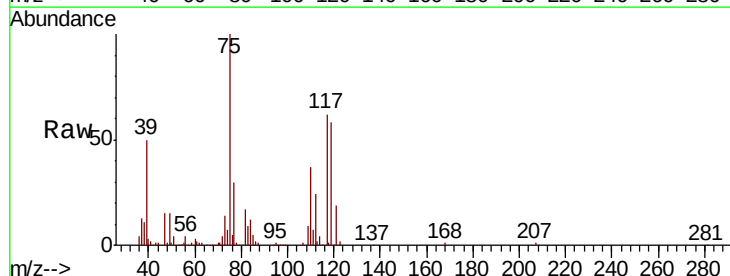
Manual Integrations
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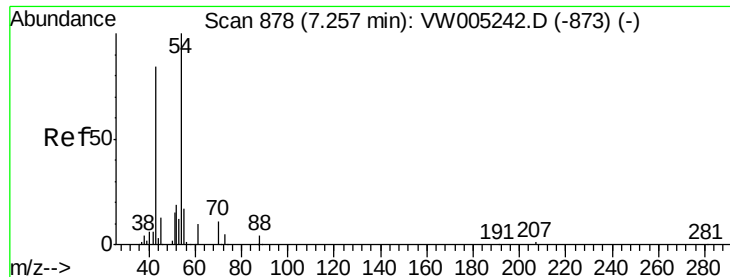
apatel
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#36
 1,1-Dichloropropene
 Concen: 23.78 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	135853		
110	37.1	18.8	56.4	
77	31.6	24.9	37.3	





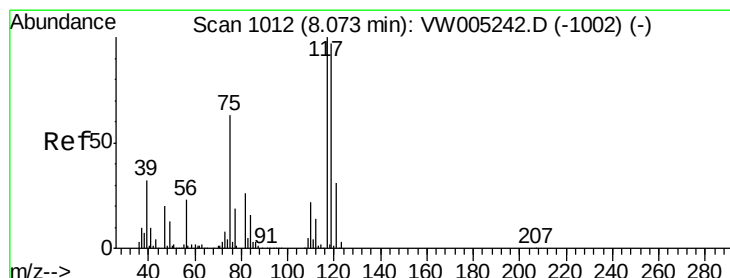
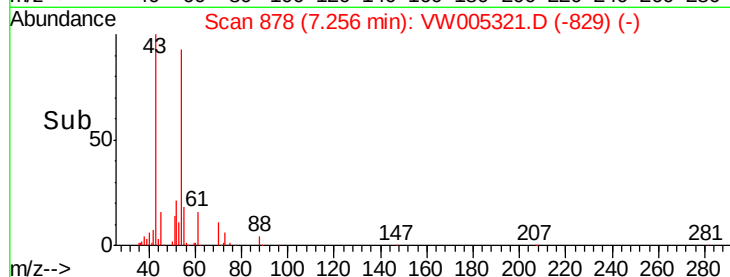
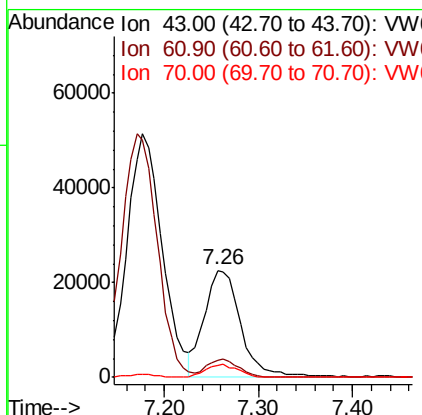
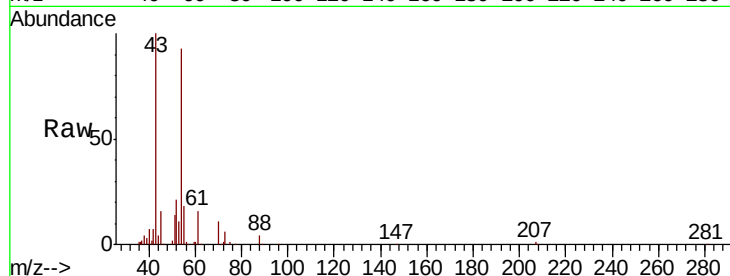
#37
Ethyl Acetate
Concen: 27.27 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.3	18.5
70	11.2	9.5	14.3

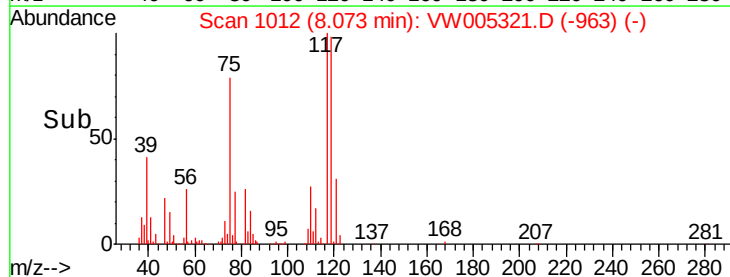
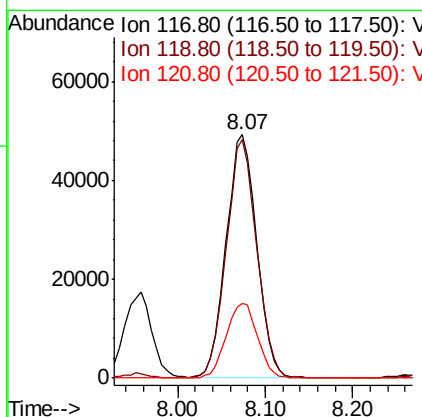
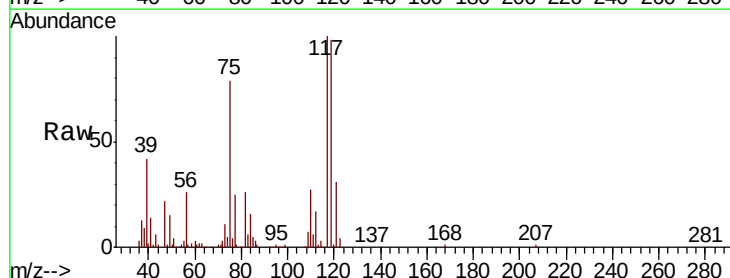
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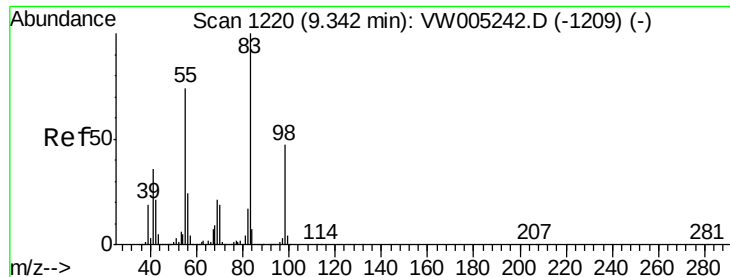
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#38
Carbon Tetrachloride
Concen: 22.49 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.5	116.3
121	30.7	24.7	37.1





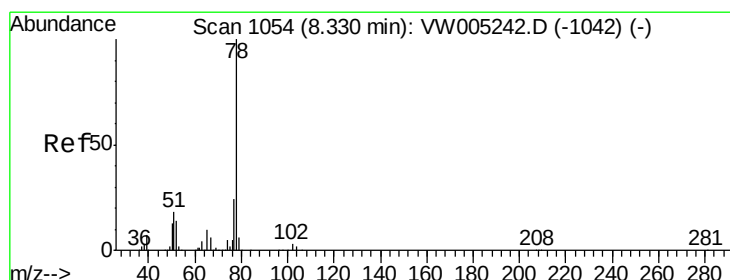
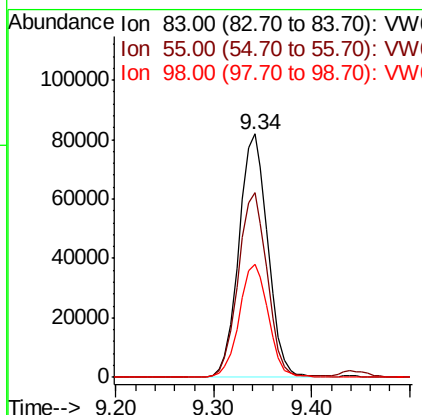
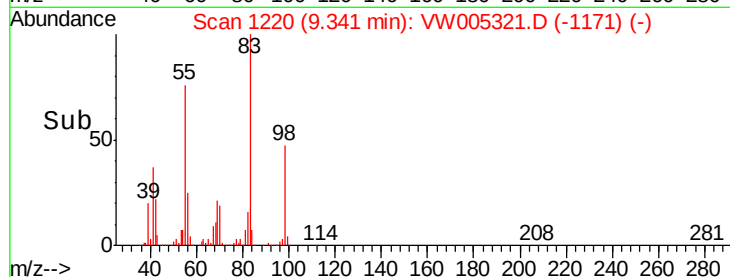
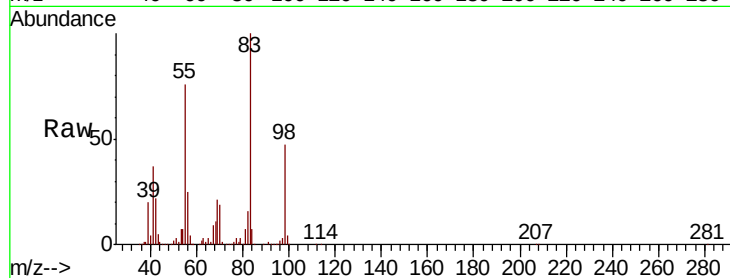
#39
Methylvlcyclohexane
Concen: 22.20 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	58.9	88.3
98	46.6	37.6	56.4

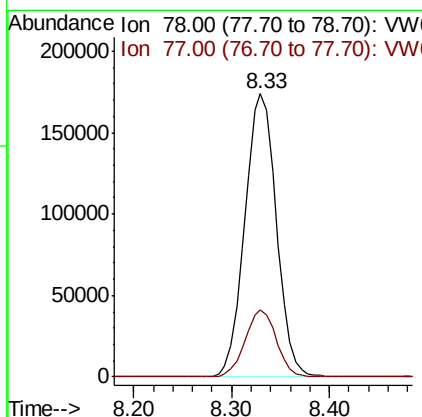
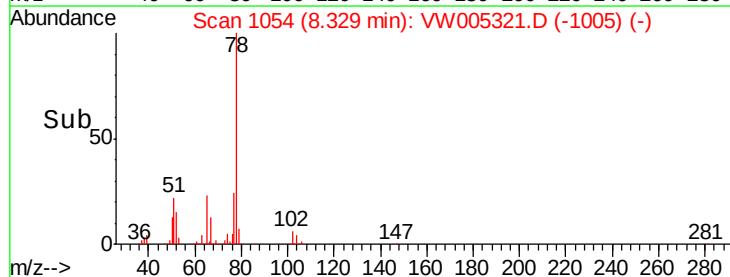
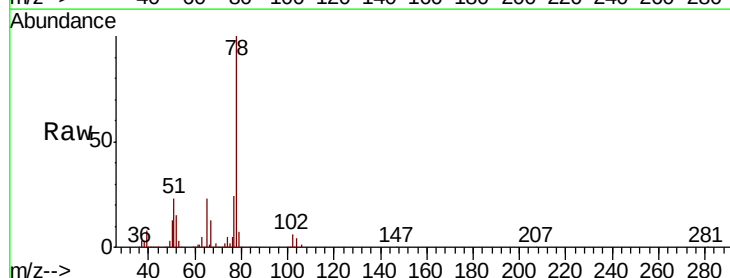
Manual Integrations
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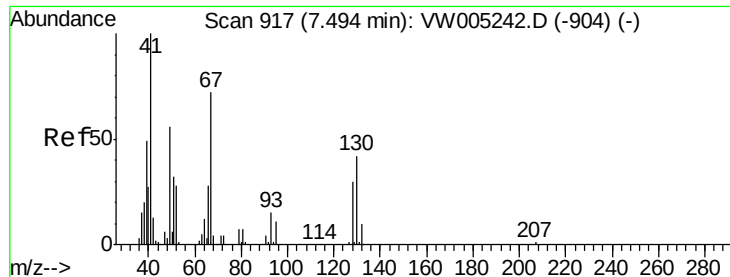
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#40
Benzene
Concen: 23.21 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3





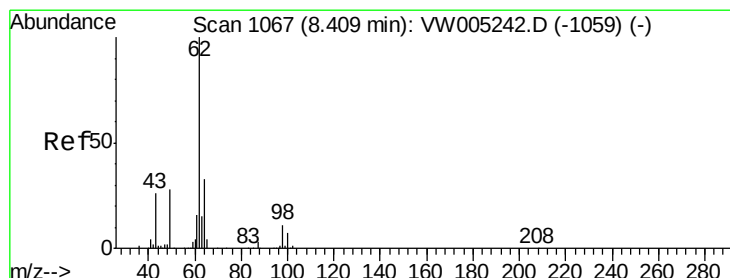
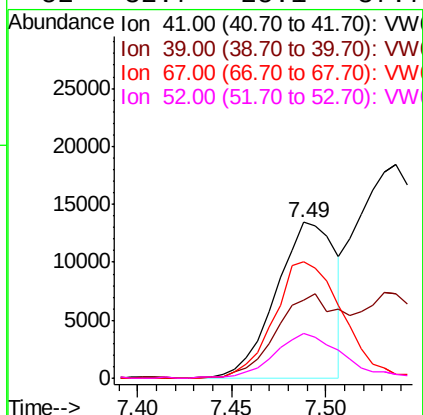
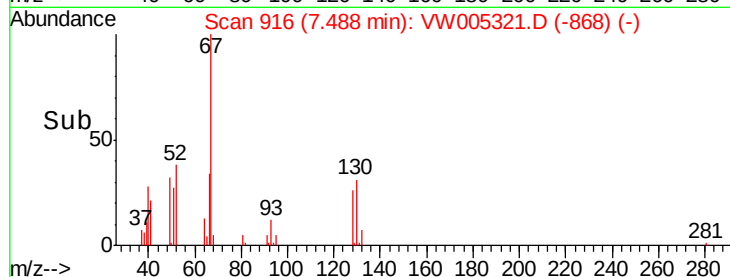
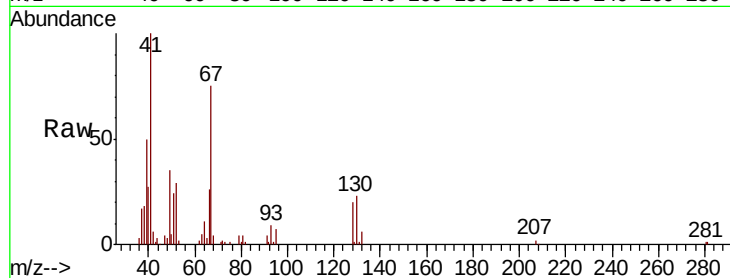
#41
Methacrylonitrile
Concen: 26.55 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.2	39.9	59.9
67	85.7	65.7	98.5
52	32.7	25.1	37.7

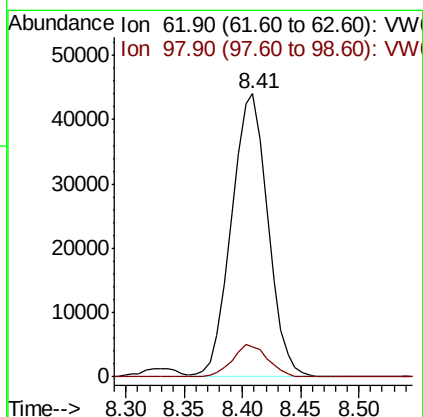
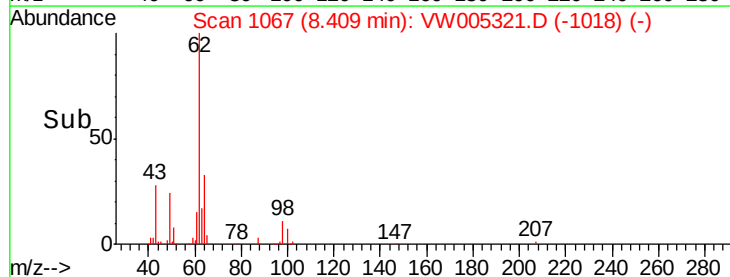
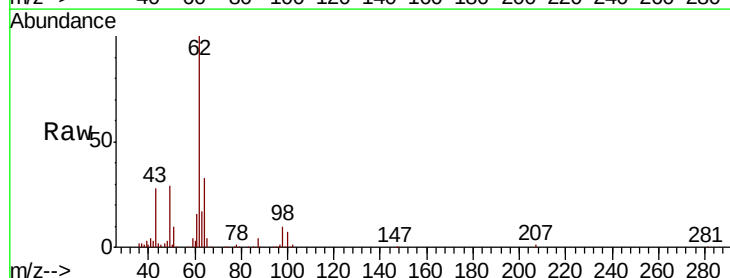
Manual Integrations
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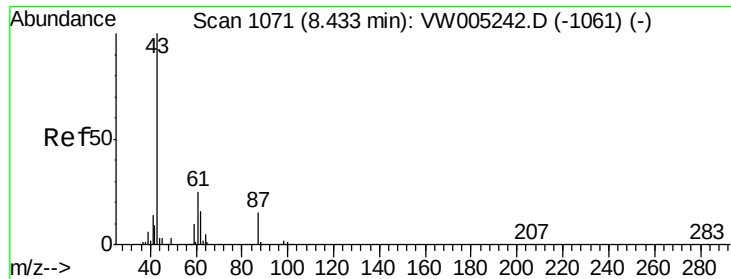
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#42
1,2-Dichloroethane
Concen: 23.82 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0





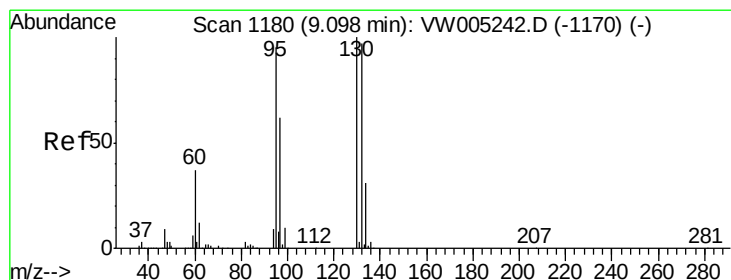
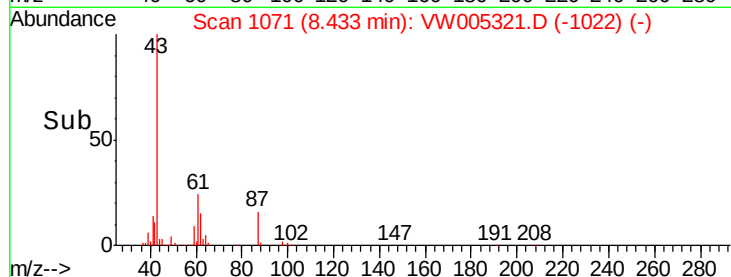
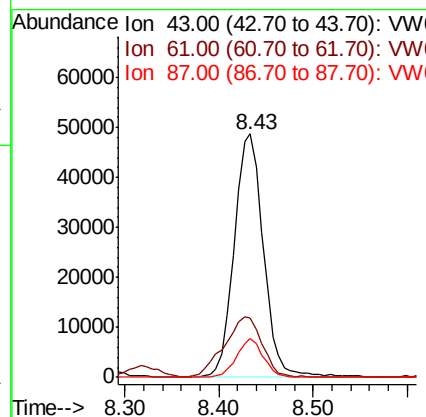
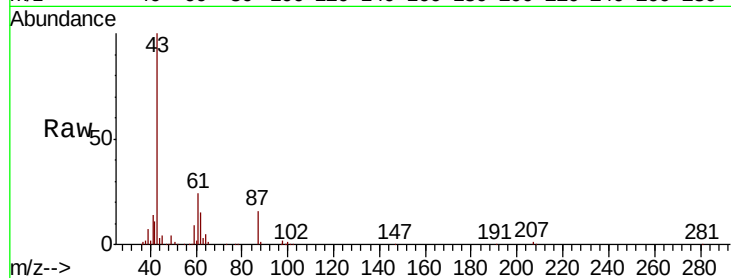
#43
Isopropyl Acetate
Concen: 25.82 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.9	25.4	38.0
87	14.5	11.9	17.9

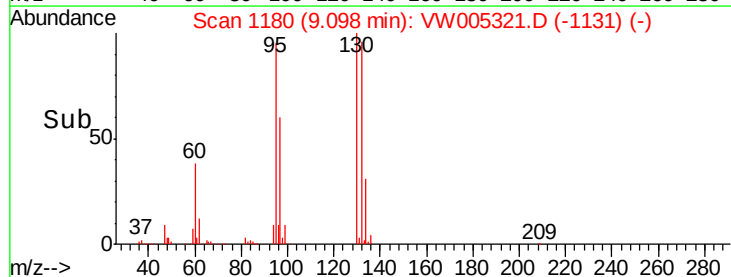
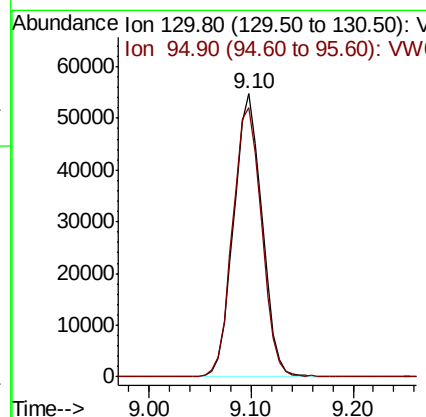
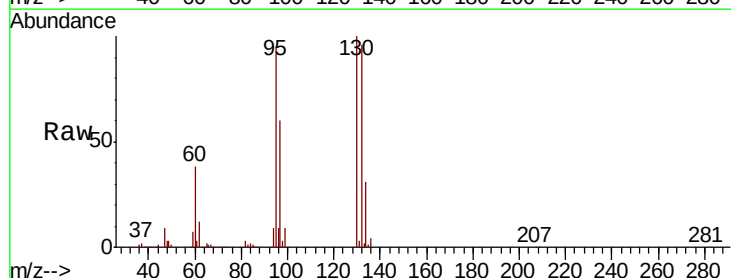
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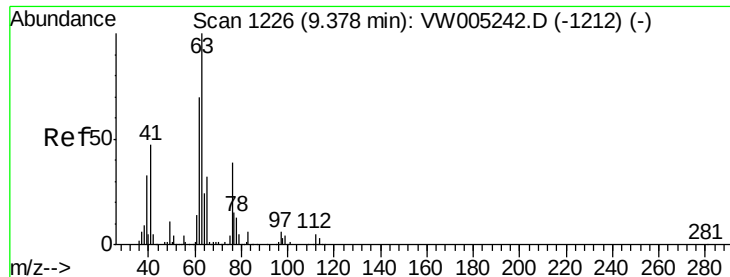
apatel
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#44
Trichloroethene
Concen: 22.70 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	189.6





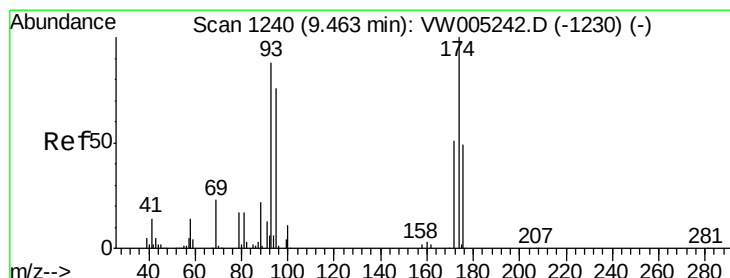
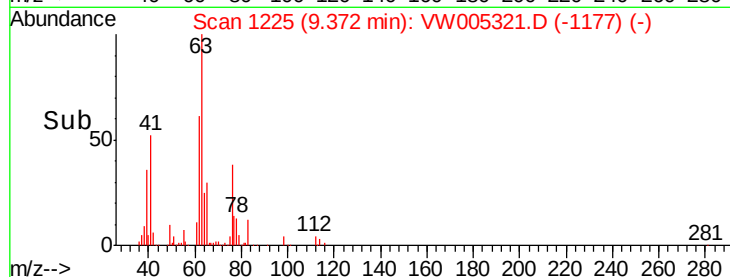
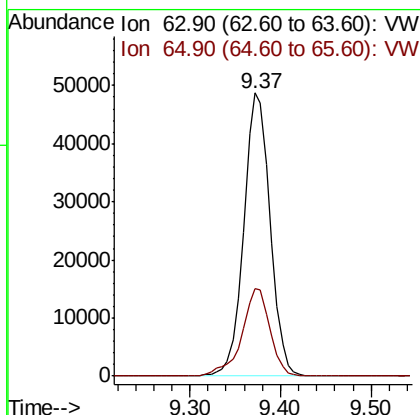
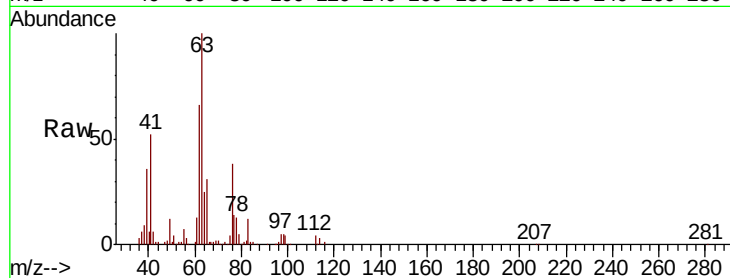
#45
 1,2-Dichloropropane
 Concen: 24.12 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.4	38.2

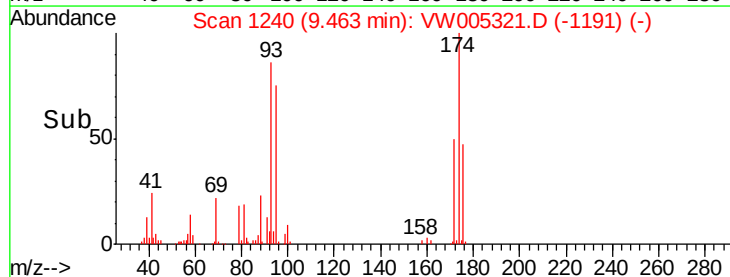
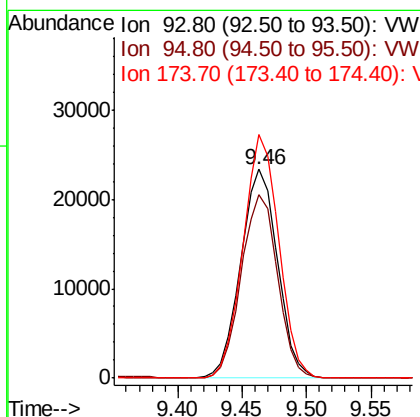
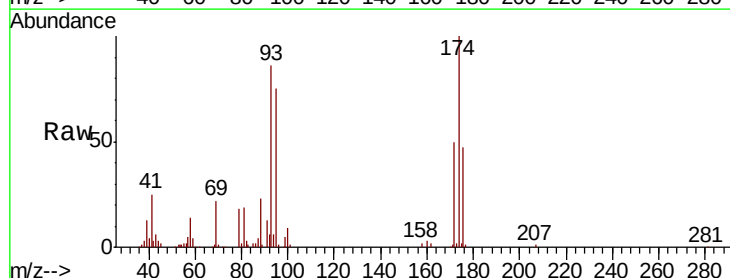
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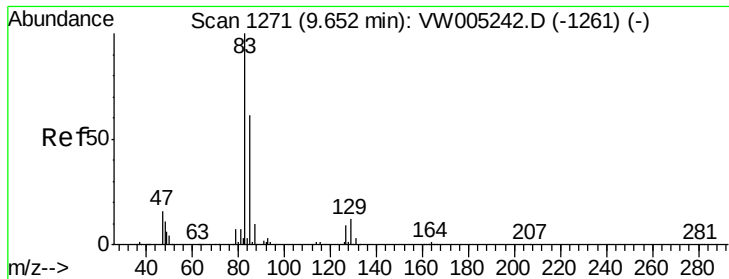
apatel
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#46
 Dibromomethane
 Concen: 23.34 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	86.7	67.0	100.4
174	112.9	92.2	138.2





#47

Bromodichloromethane

Concen: 23.00 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Instrument :

MSVOA_W

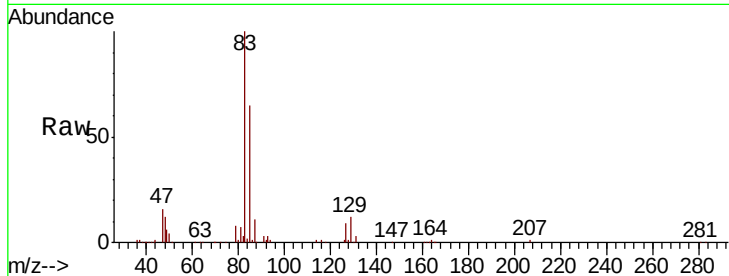
ClientSampleId :

VW0912SBSD01

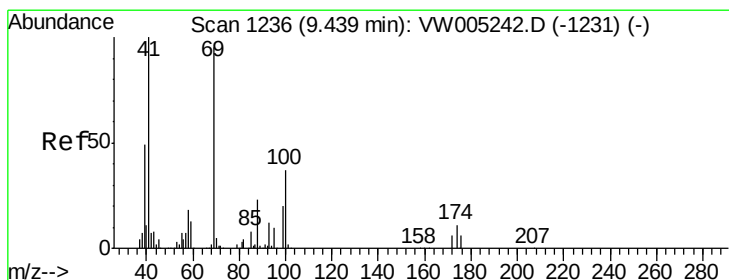
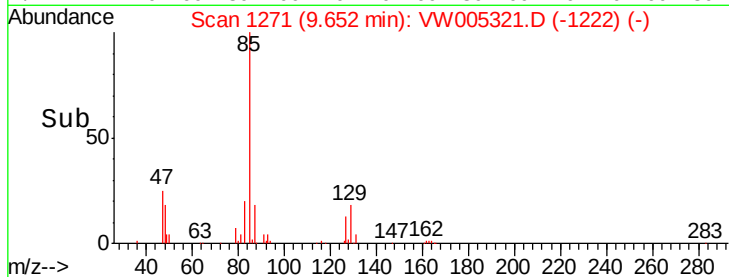
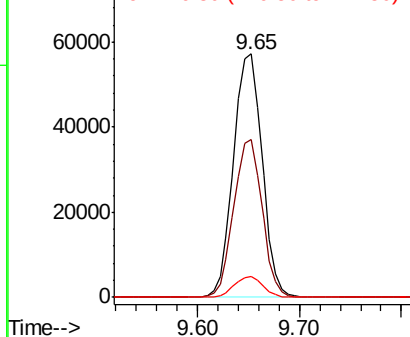
Tot Ion:	83	Resp:	111431
Ion Ratio	Lower	Upper	
83	100		
85	64.8	49.0	73.6
127	8.7	7.0	10.4

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 23.23 ug/l

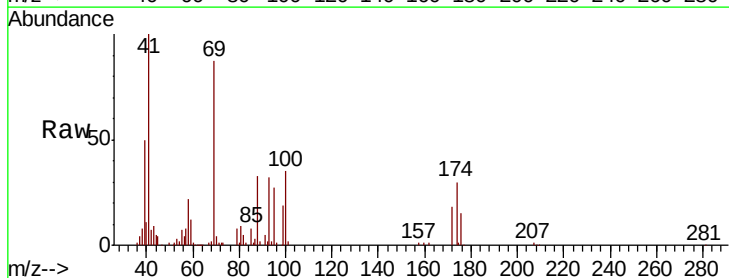
RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

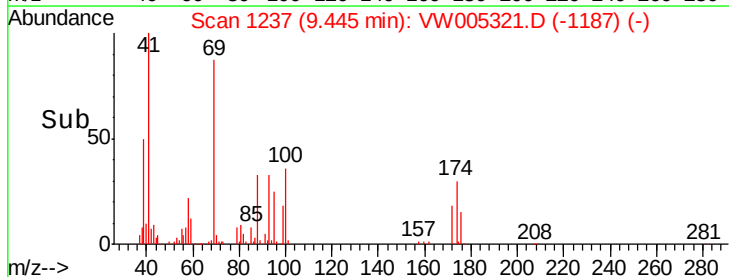
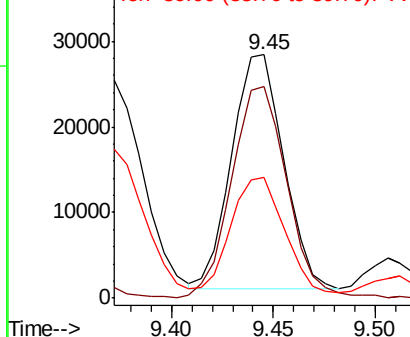
Lab File: VW005321.D

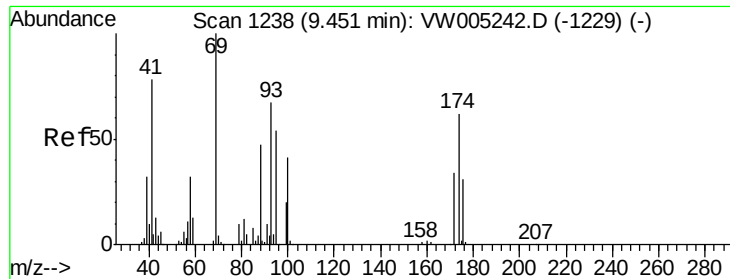
Acq: 12 Sep 2018 13:24

Tgt Ion:	41	Resp:	48680
Ion Ratio	Lower	Upper	
41	100		
69	95.4	74.6	112.0
39	50.2	36.7	55.1



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





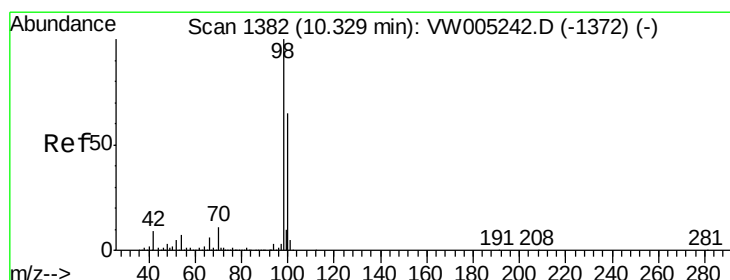
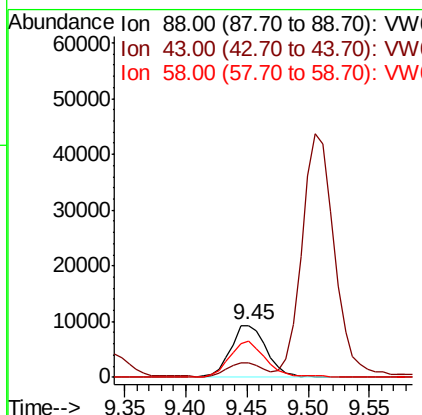
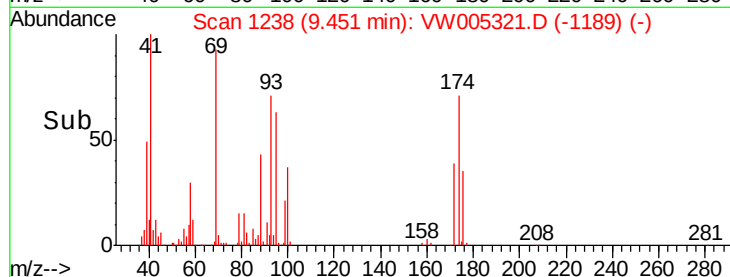
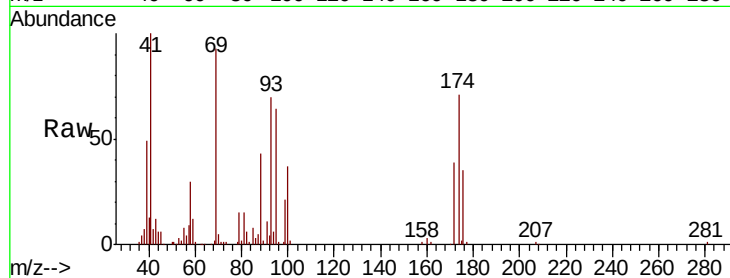
#49
1,4-Dioxane
Concen: 512.99 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	88	Resp	18968
Ion Ratio	Lower	Upper	
88	100		
43	26.0	22.7	34.1
58	68.8	56.6	85.0

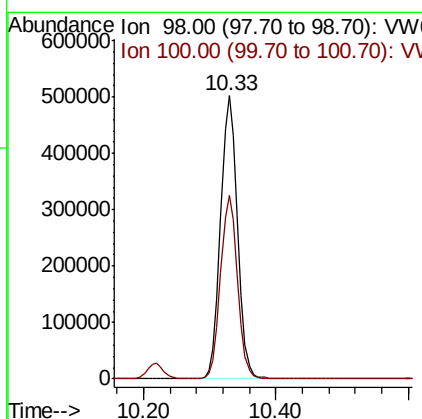
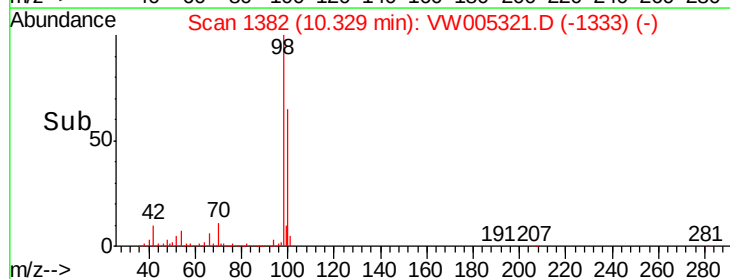
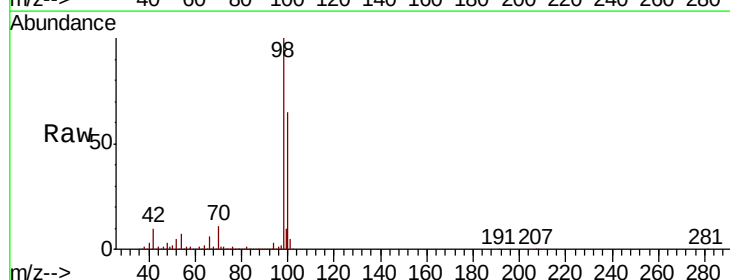
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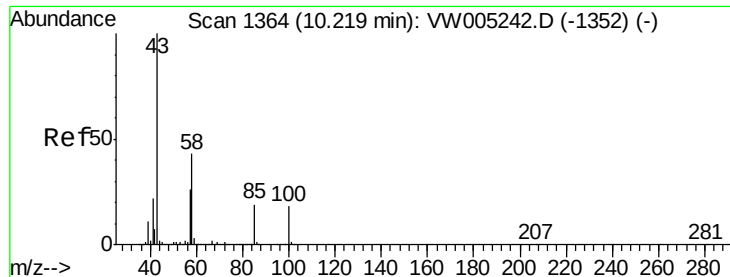
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#50
Toluene-d8
Concen: 53.64 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	98	Resp	885380
Ion Ratio	Lower	Upper	
98	100		
100	64.7	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 126.70 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Instrument :

MSVOA_W

ClientSampled :

VW0912SBSD01

Tot Ion: 43 Resp: 287730

Ion Ratio Lower Upper

43 100

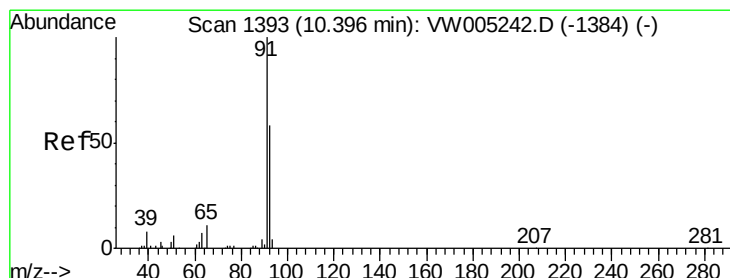
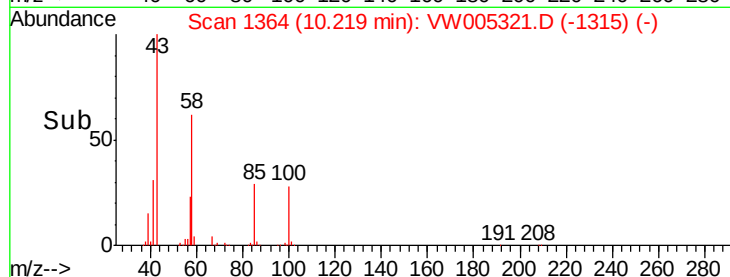
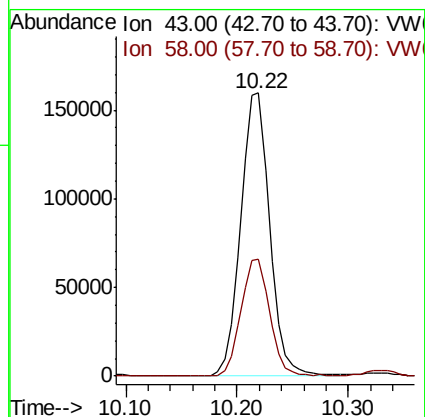
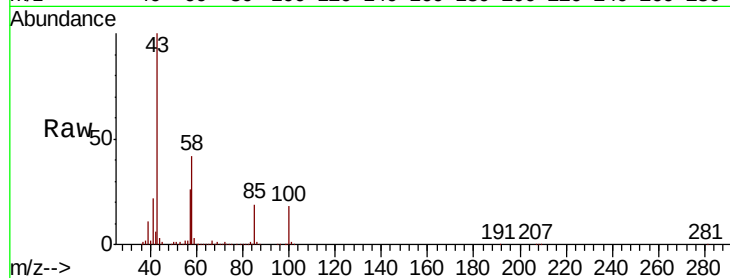
58 41.3 33.8 50.6

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#52

Toluene

Concen: 22.03 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005321.D

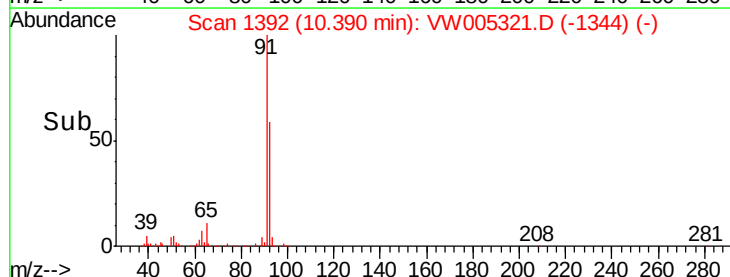
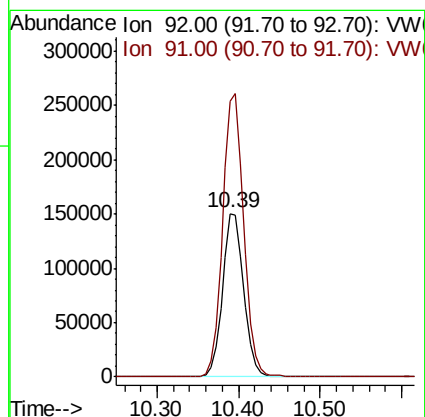
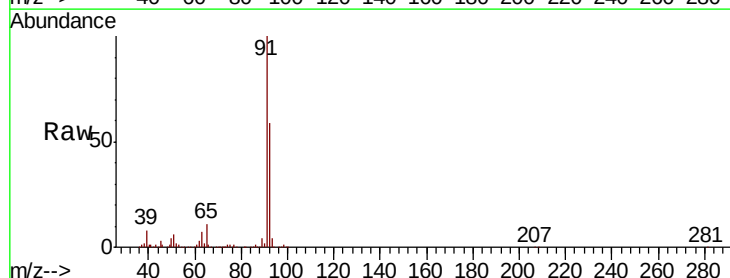
Acq: 12 Sep 2018 13:24

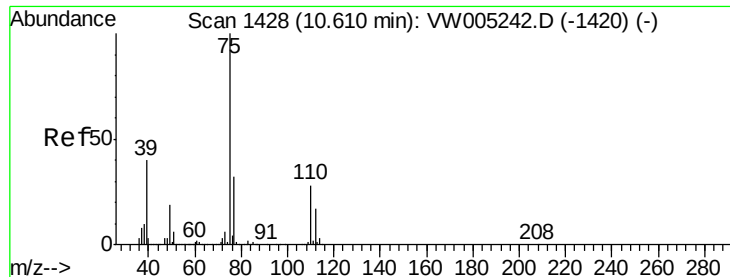
Tgt Ion: 92 Resp: 269507

Ion Ratio Lower Upper

92 100

91 173.0 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 23.01 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion: 75 Resp: 120471

Ion Ratio Lower Upper

75 100

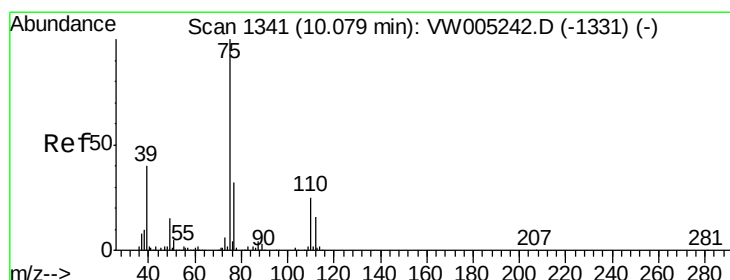
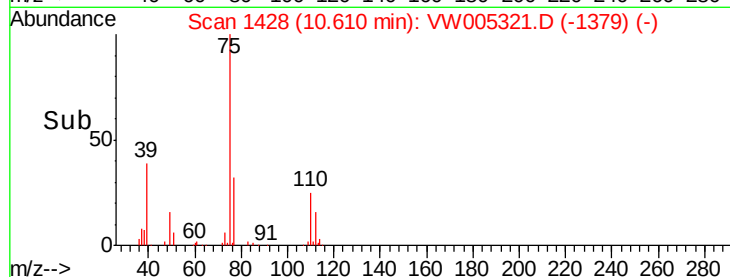
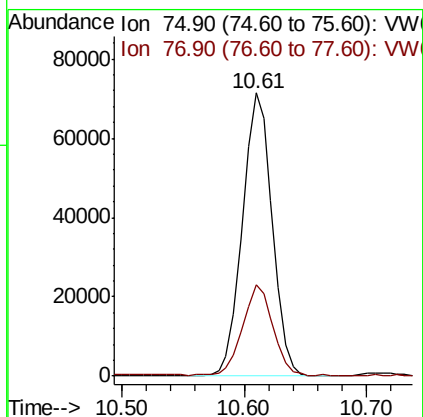
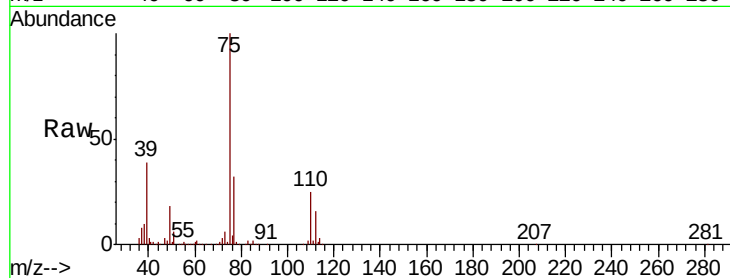
77 31.8 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 23.18 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

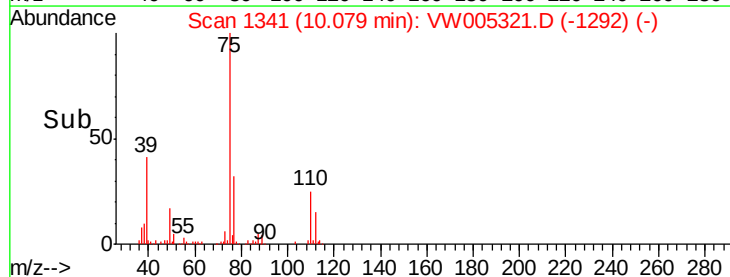
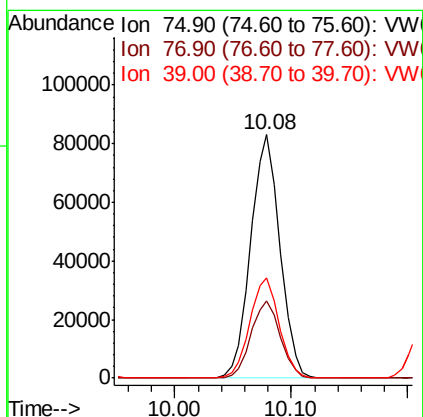
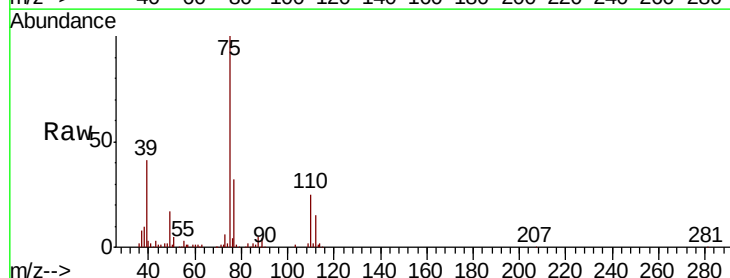
Tgt Ion: 75 Resp: 145308

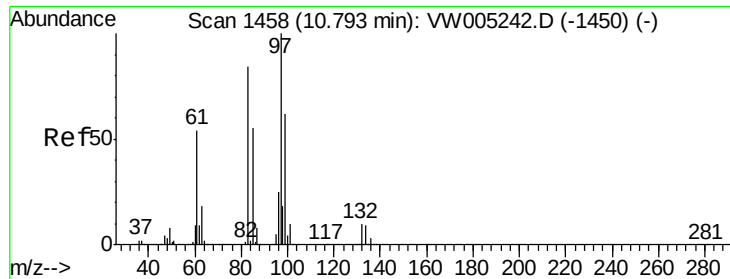
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 41.3 31.8 47.6





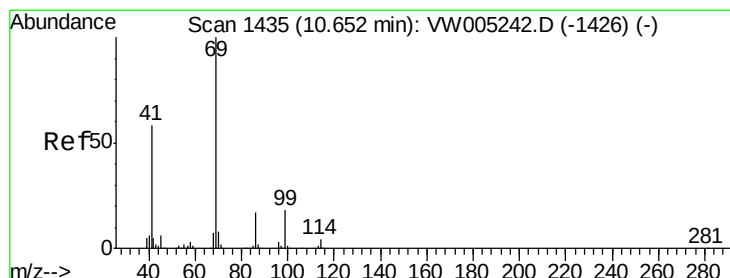
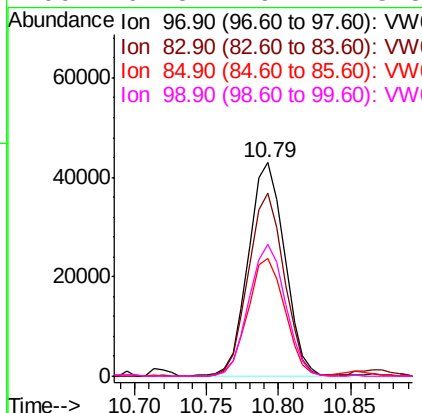
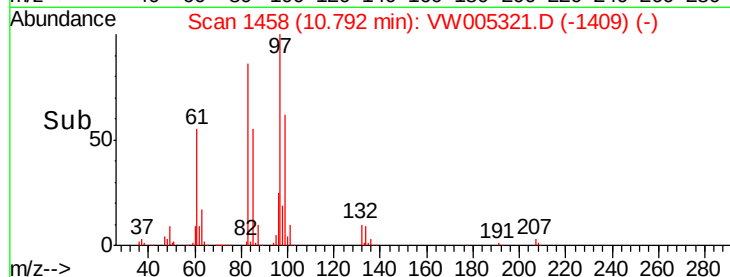
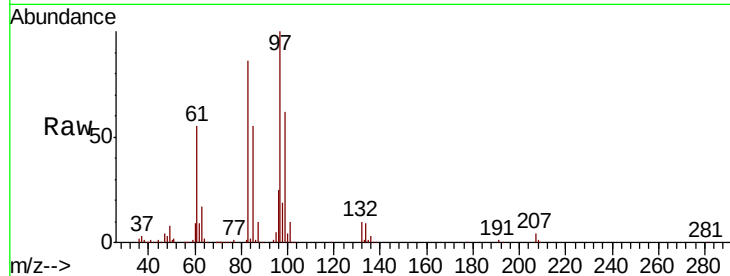
#55
 1,1,2-Trichloroethane
 Concen: 23.85 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion:	97	Resp:	75299
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.2	100.8
85	55.1	44.4	66.6
99	61.8	49.2	73.8

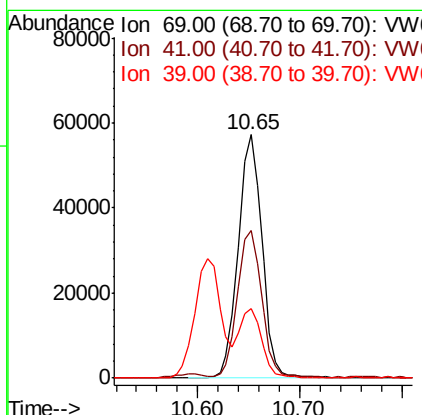
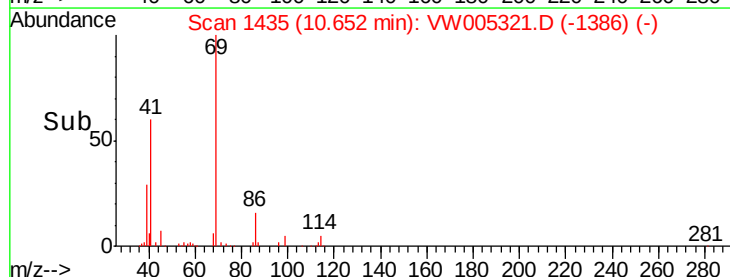
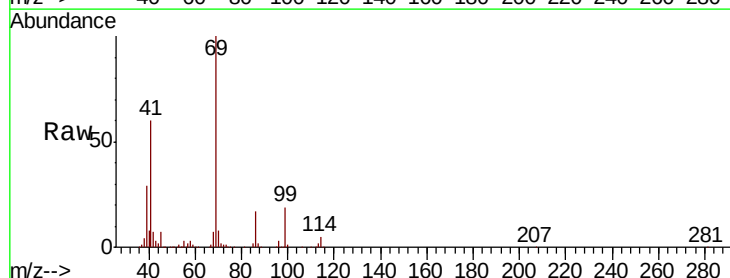
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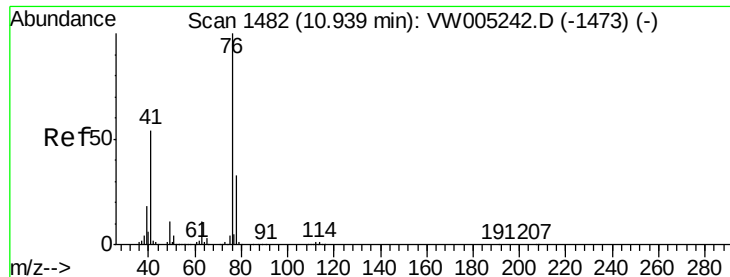
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#56
 Ethyl methacrylate
 Concen: 23.12 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Tgt Ion:	69	Resp:	92540
Ion	Ratio	Lower	Upper
69	100		
41	61.6	48.7	73.1
39	26.9	20.9	31.3





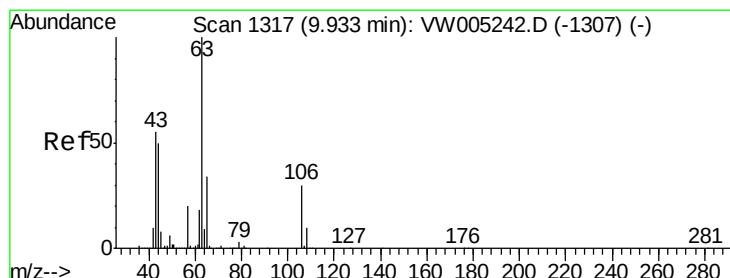
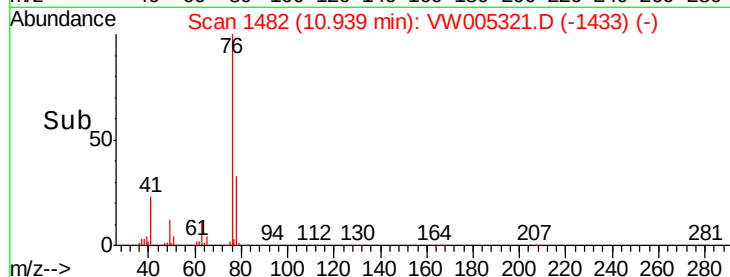
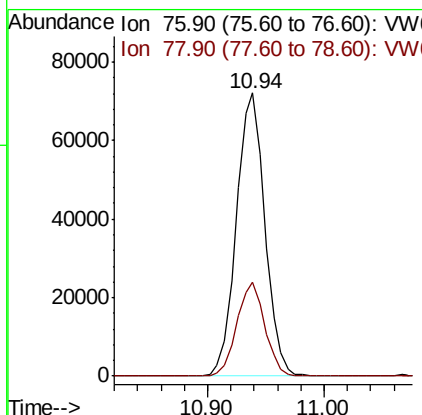
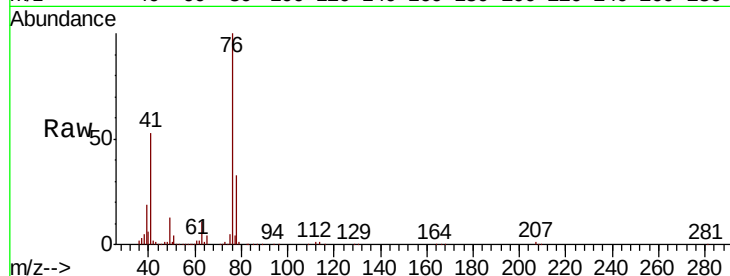
#57
 1,3-Dichloropropane
 Concen: 23.47 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.0	39.0

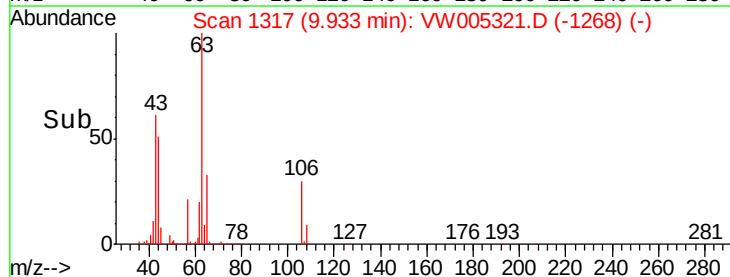
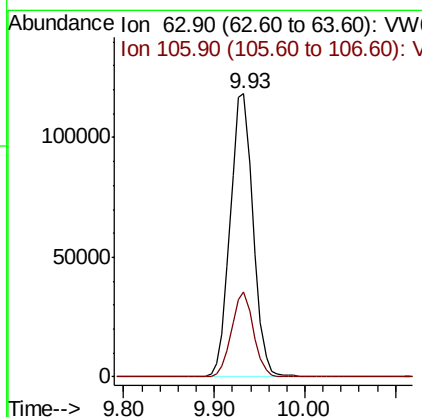
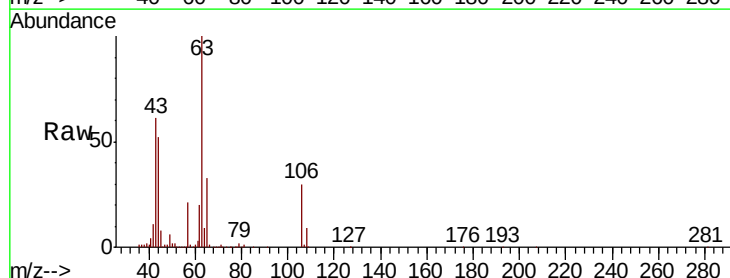
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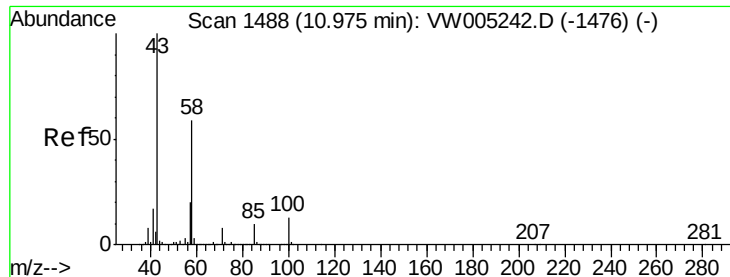
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#58
 2-Chloroethyl Vinyl ether
 Concen: 119.47 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	23.4	35.0





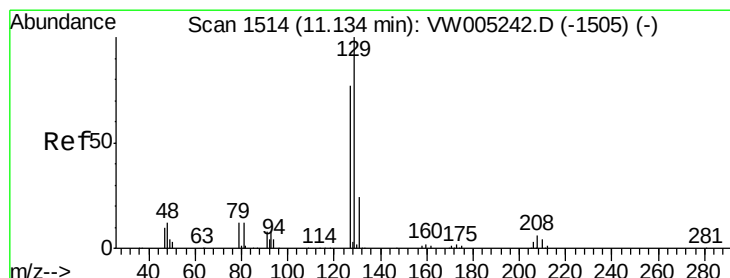
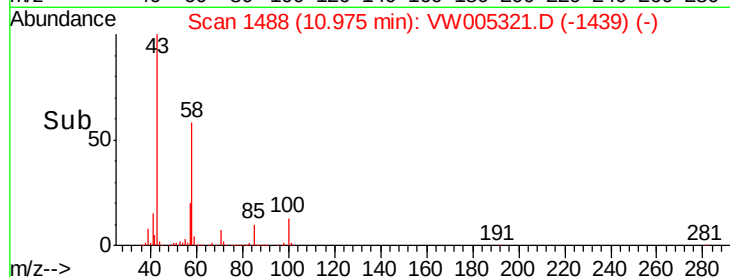
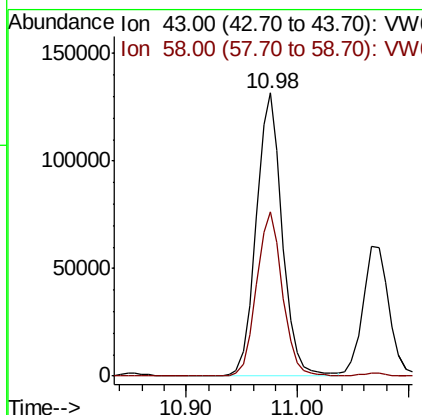
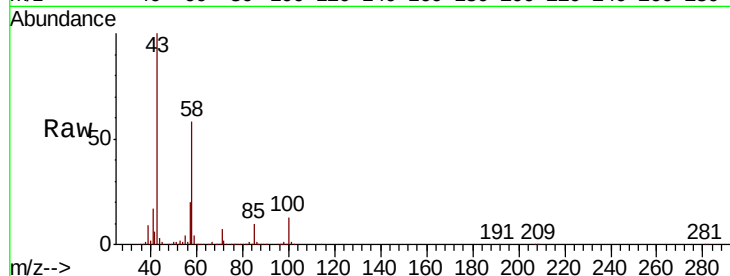
#59
 2-Hexanone
 Concen: 130.83 ug/l
 RT: 10.98 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.8	29.3	87.9

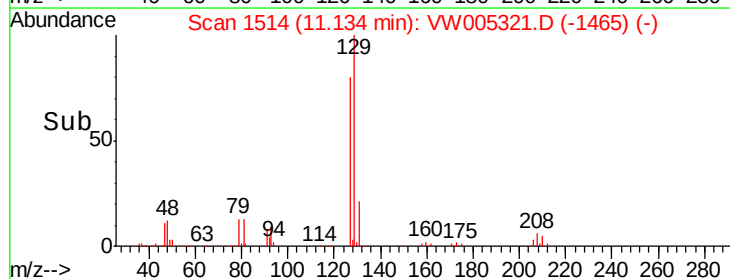
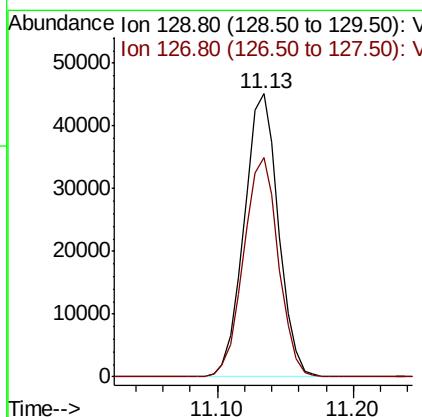
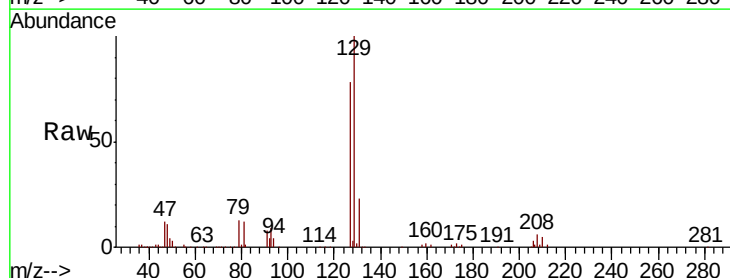
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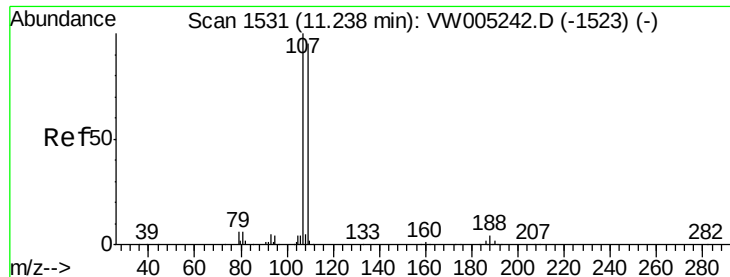
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#60
 Dibromochloromethane
 Concen: 22.72 ug/l
 RT: 11.13 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.0	117.0





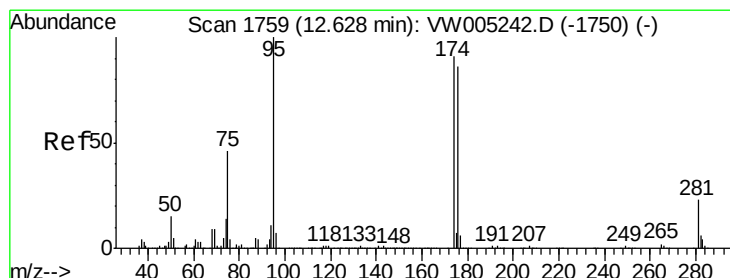
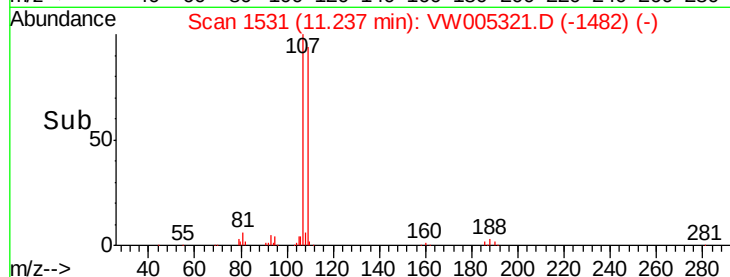
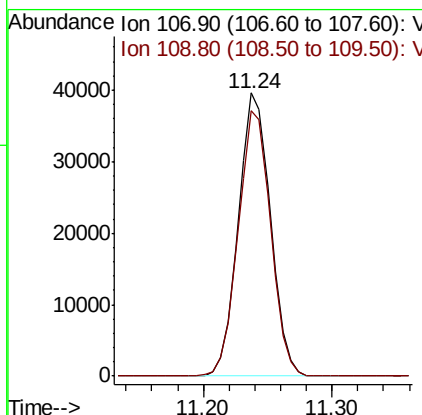
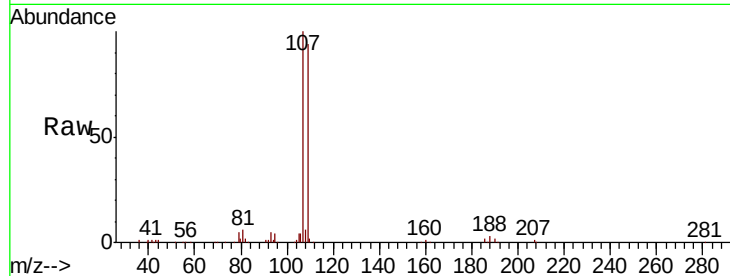
#61
 1,2-Dibromoethane
 Concen: 23.52 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.7	113.5

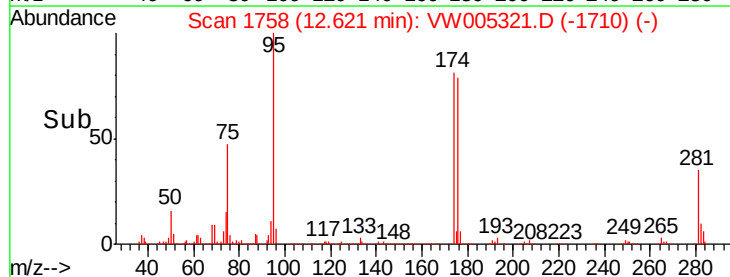
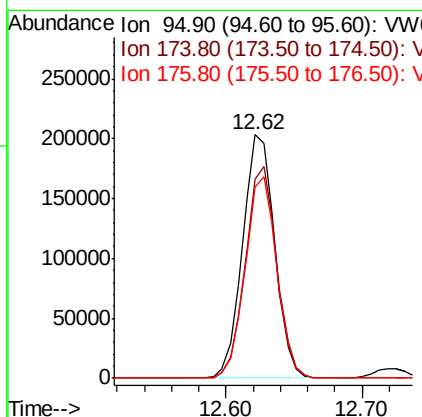
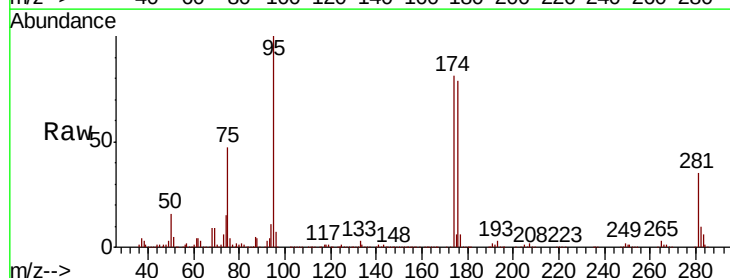
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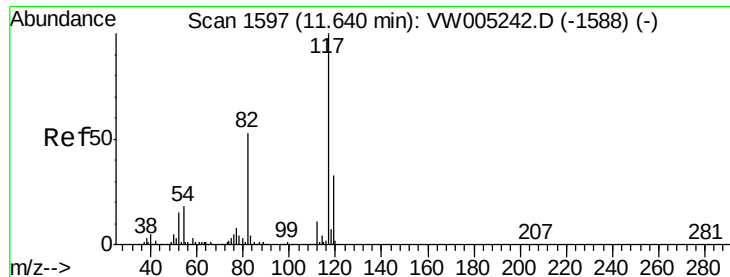
apatel
 9/13/2018 11:11:27 AM



#62
 4-Bromofluorobenzene
 Concen: 55.39 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	174.6
176	82.0	0.0	167.6





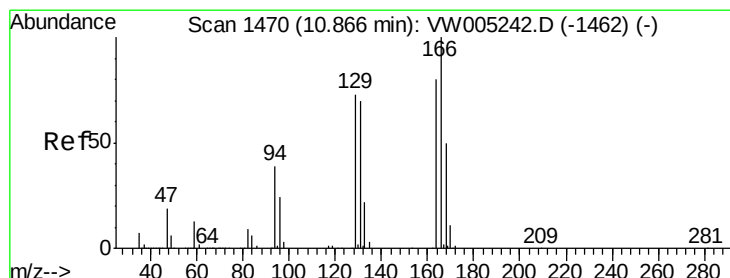
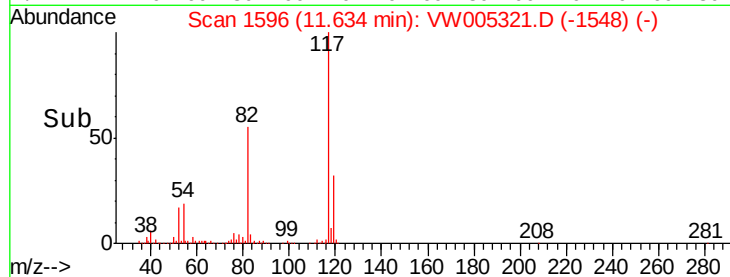
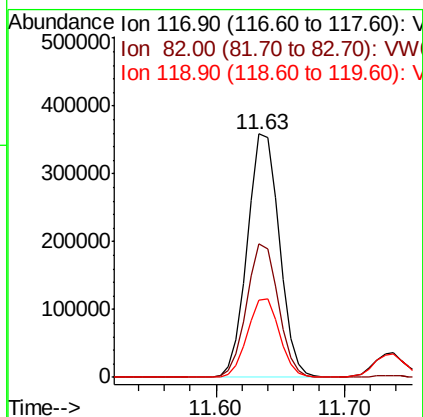
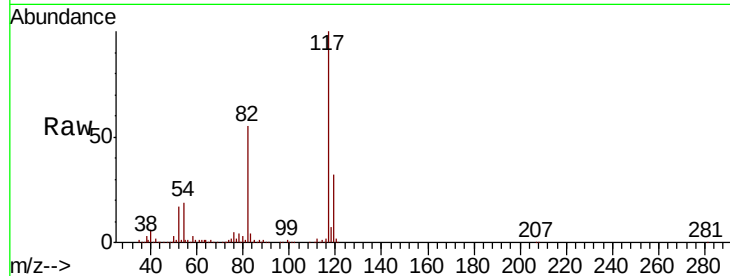
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	615279		
82	54.8		42.6	63.8
119	31.9		26.2	39.4

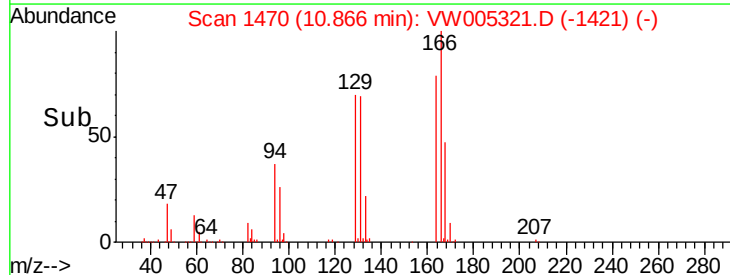
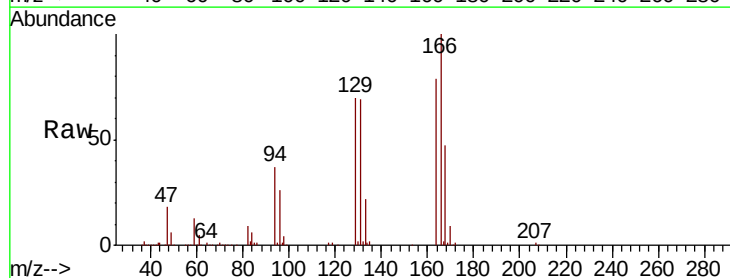
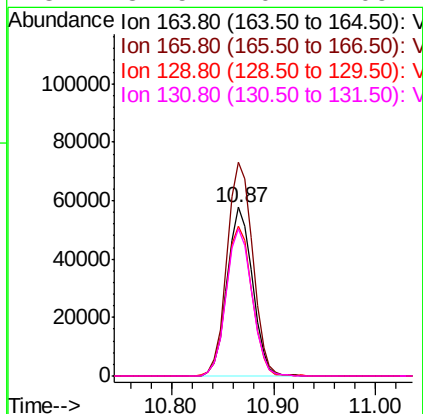
Manual Integrations
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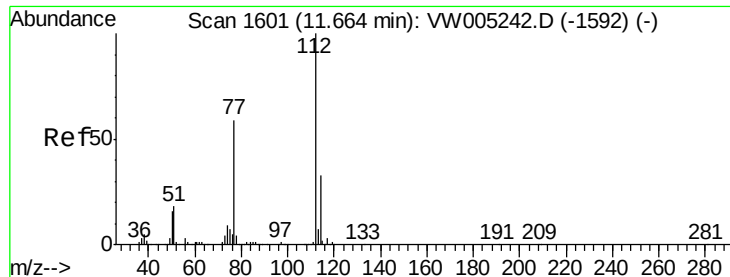
apatel
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#64
Tetrachloroethene
Concen: 21.75 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	99293		
166	126.5		100.2	150.2
129	89.1		73.2	109.8
131	87.5		70.2	105.4





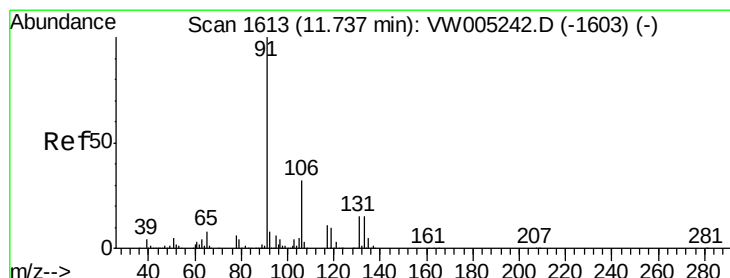
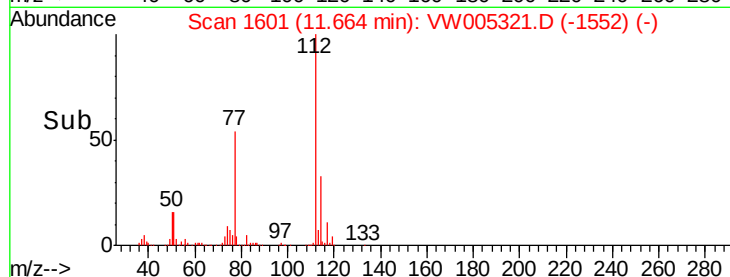
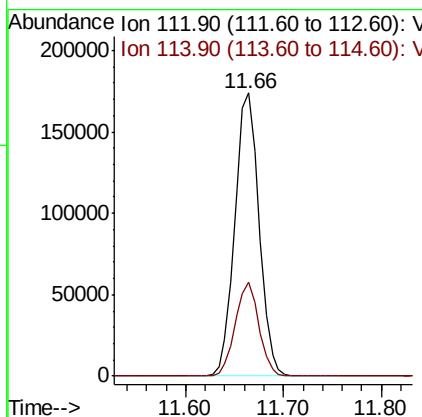
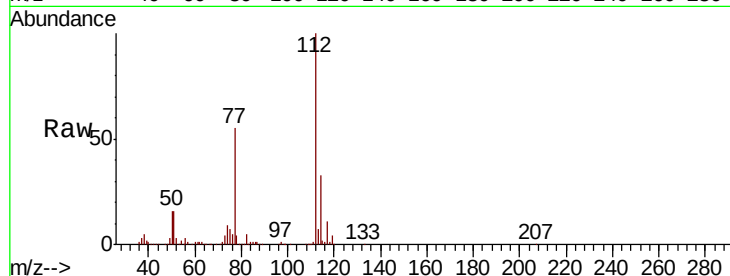
#65
Chlorobenzene
Concen: 22.20 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	26.2	39.4

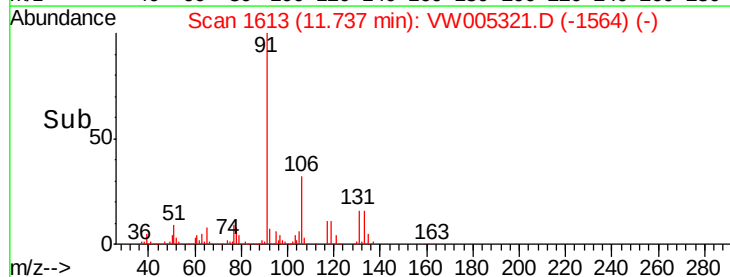
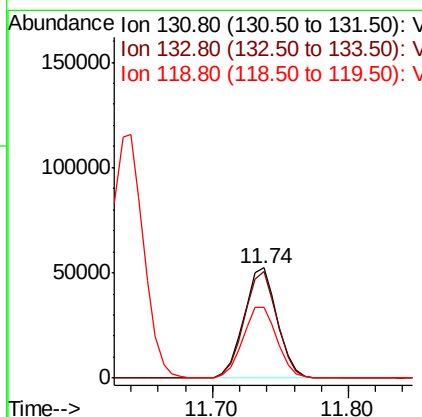
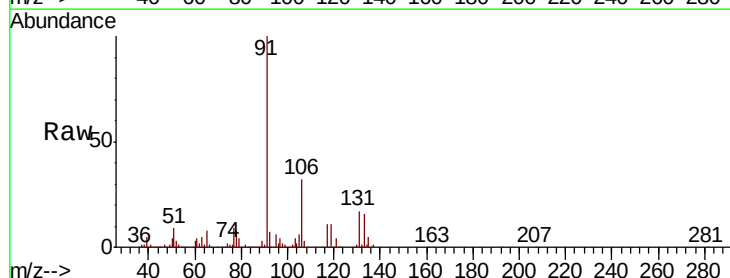
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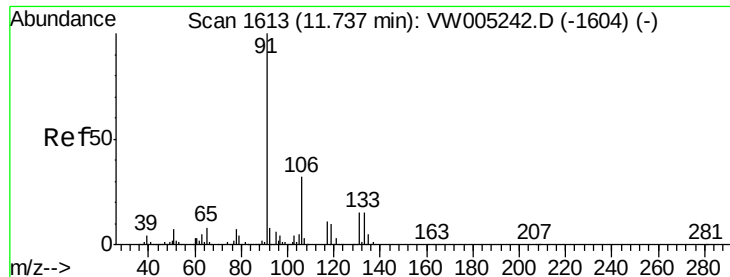
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.29 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.1	144.3
119	66.1	33.4	100.1





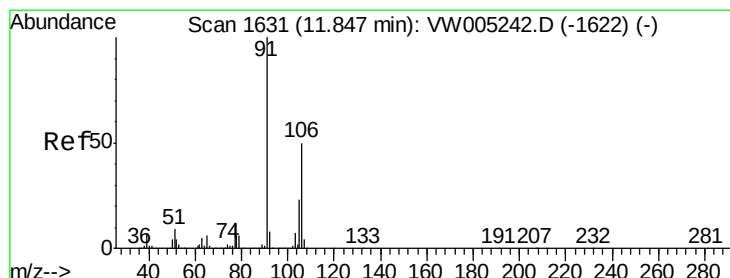
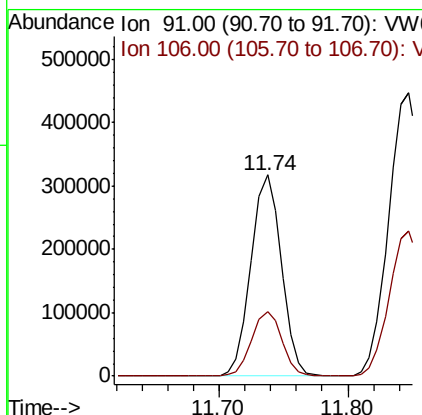
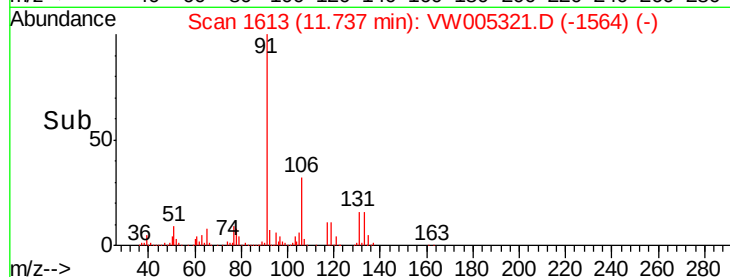
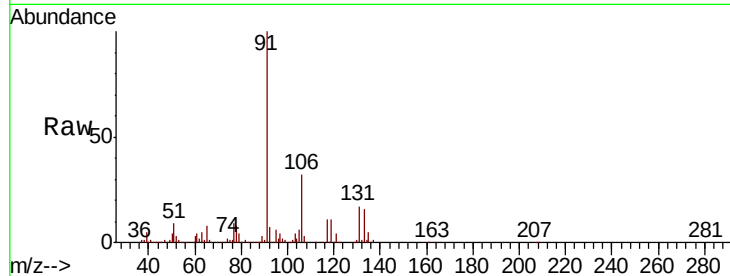
#67
Ethyl Benzene
Concen: 22.06 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	32.2	25.6	38.4	

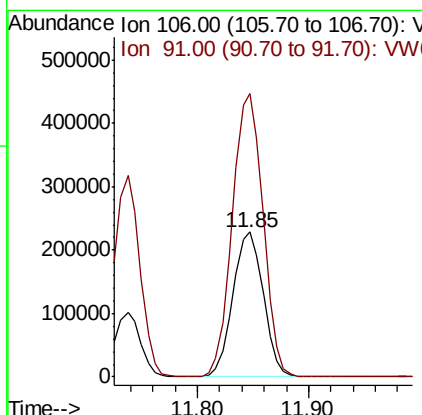
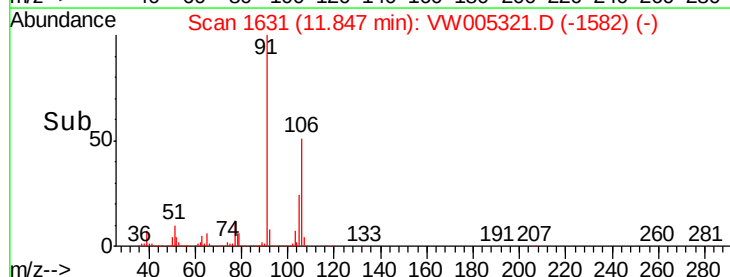
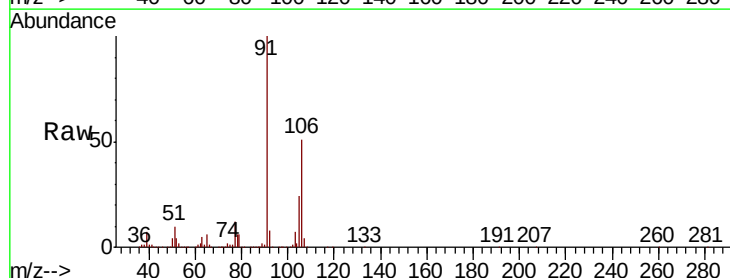
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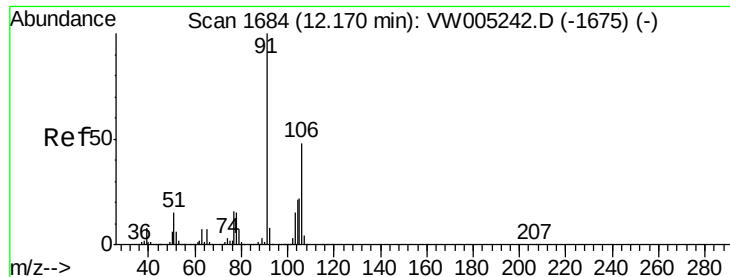
apatel
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#68
m/p-Xylenes
Concen: 45.59 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	197.6	160.2	240.2	





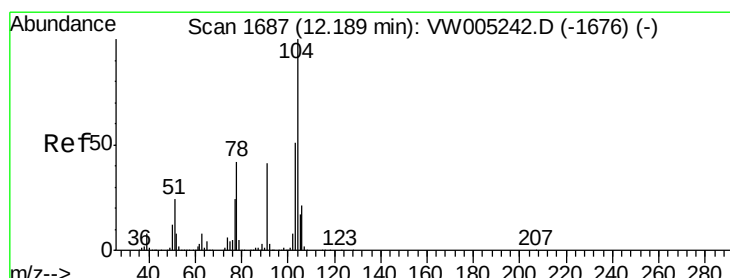
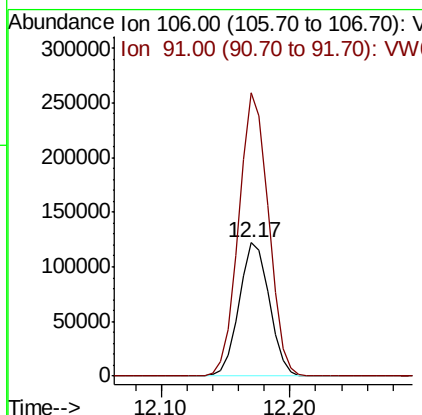
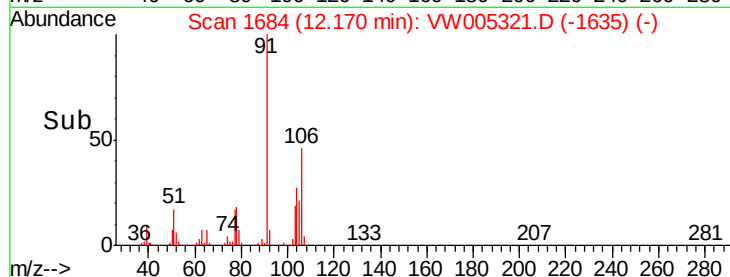
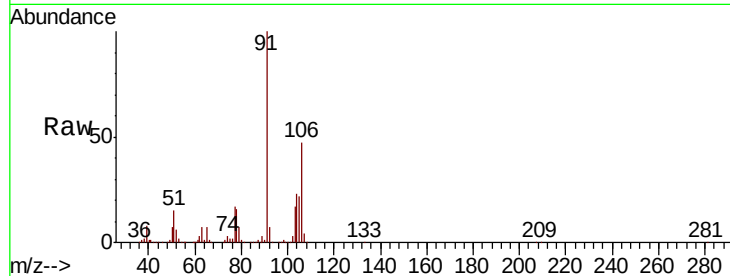
#69
o-Xylene
Concen: 22.39 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.9	104.1	312.3	

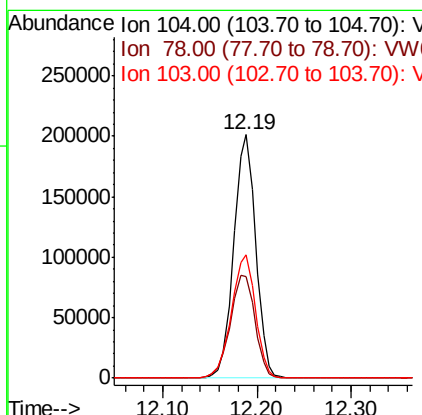
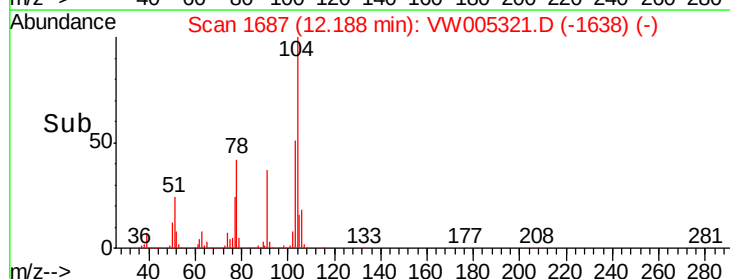
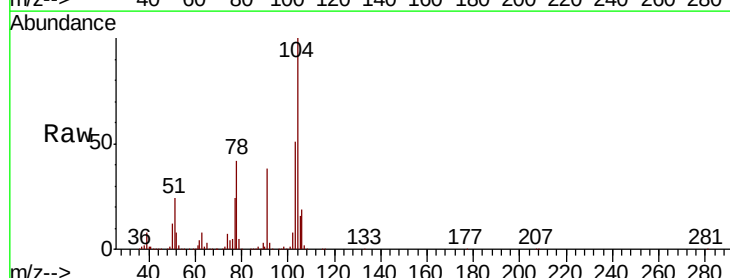
Manual Integrations
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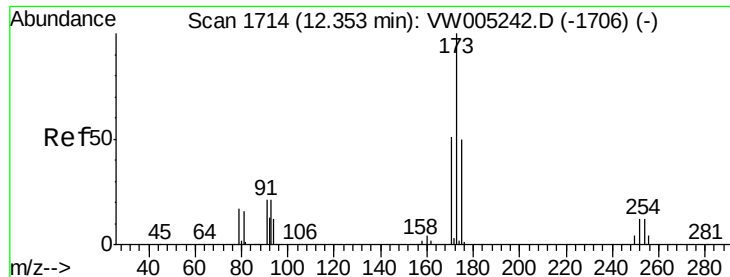
apatel
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#70
Styrene
Concen: 22.73 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.7	37.4	56.2	
103	55.4	44.1	66.1	





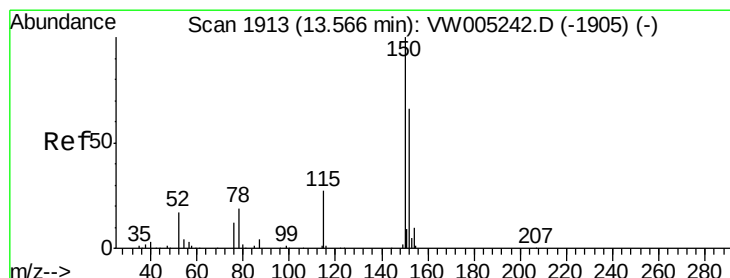
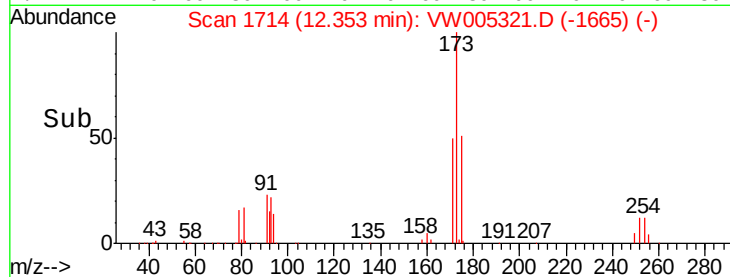
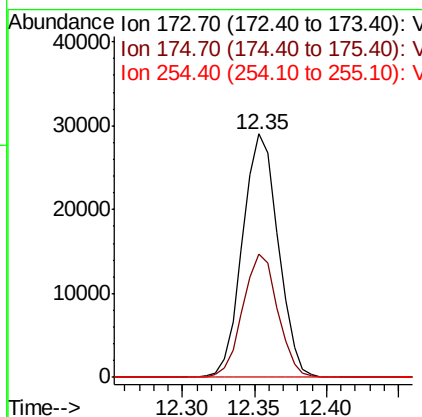
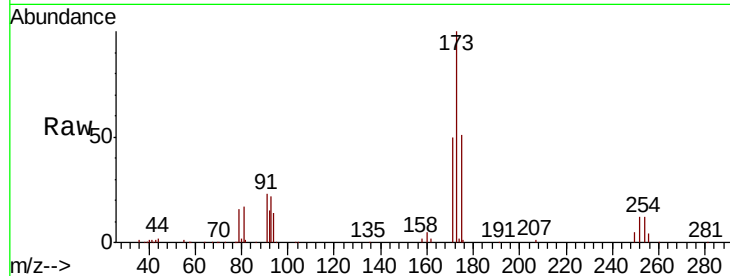
#71
Bromoform
Concen: 22.84 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.9	74.6
254	0.0	0.1	0.1#

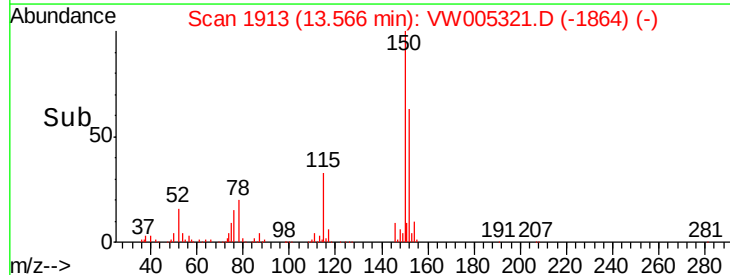
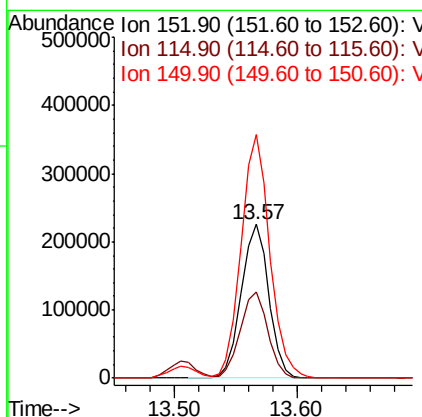
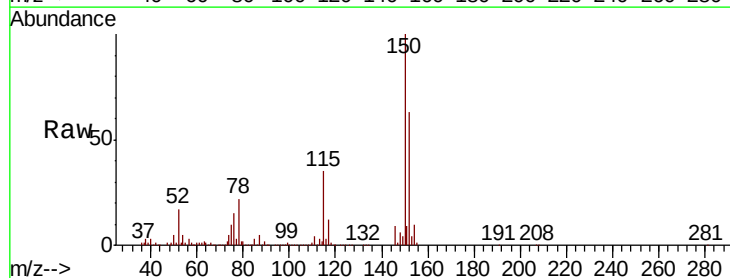
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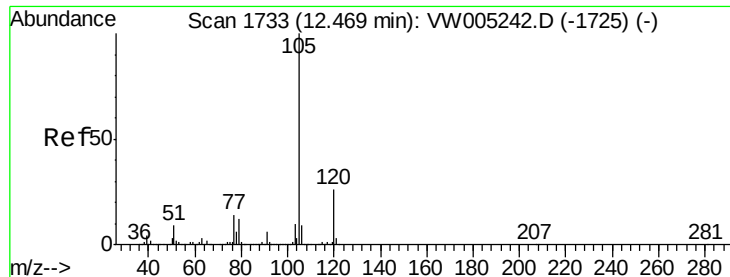
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.5	82.4
150	164.7	0.0	347.4





#73

Isopropylbenzene

Concen: 21.57 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBSD01

Tot Ion:105 Resp: 534347

Ion Ratio Lower Upper

105 100

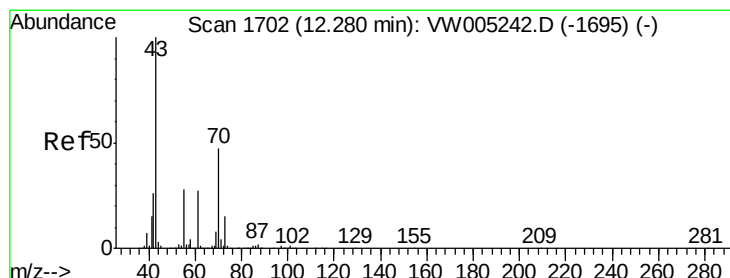
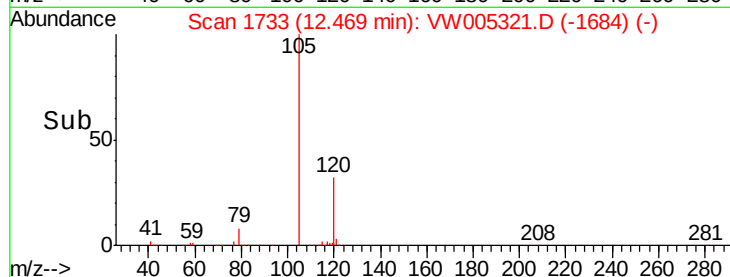
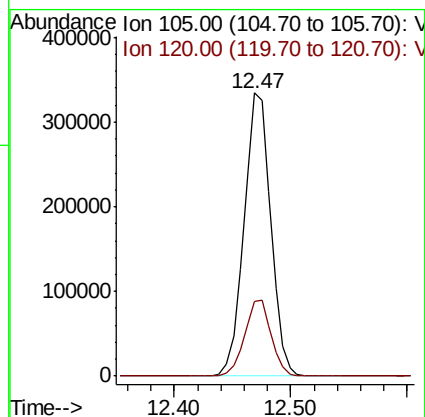
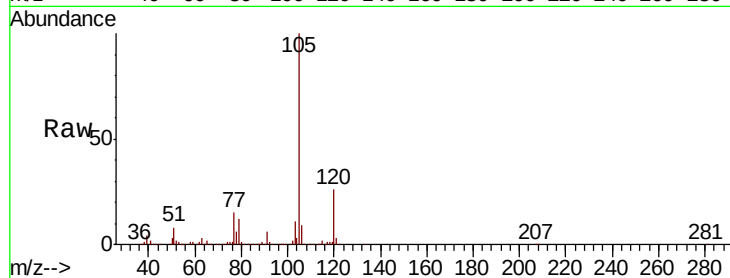
120 26.6 13.4 40.1

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#74

N-ethyl acetate

Concen: 23.72 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Tgt Ion: 43 Resp: 111824

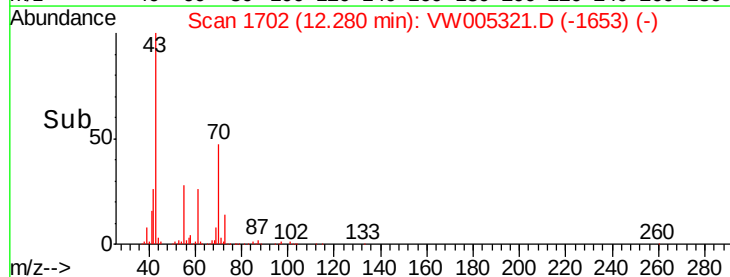
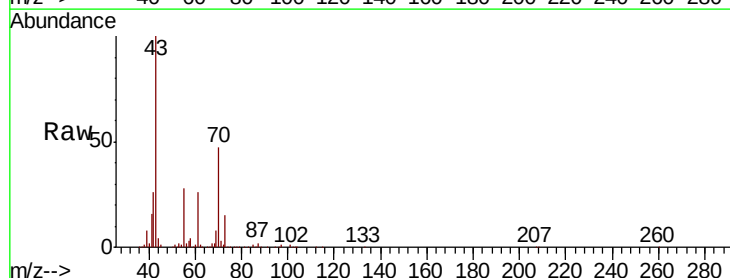
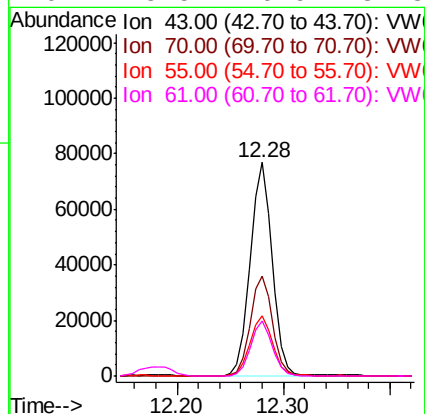
Ion Ratio Lower Upper

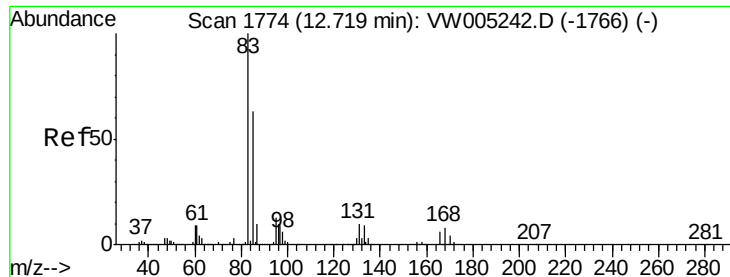
43 100

70 46.9 37.9 56.9

55 28.7 22.6 33.8

61 25.5 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.46 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Instrument :

MSVOA_W

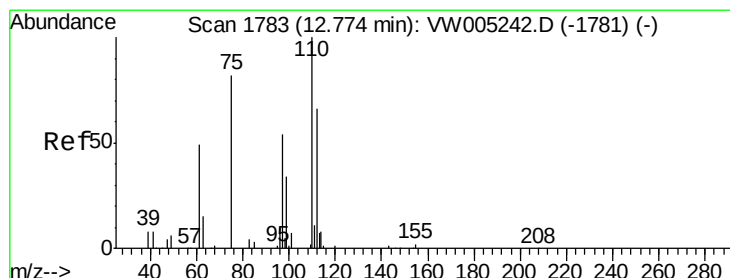
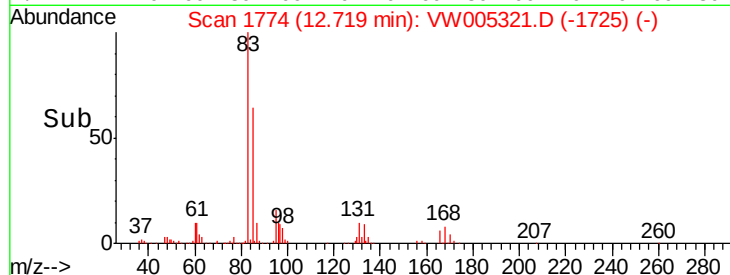
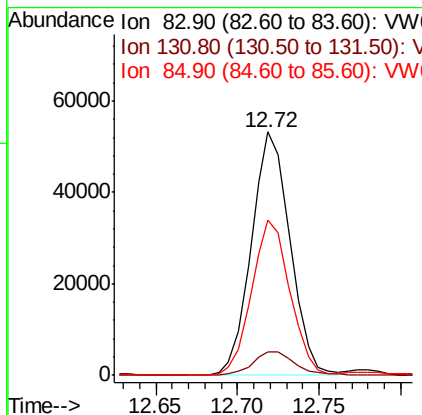
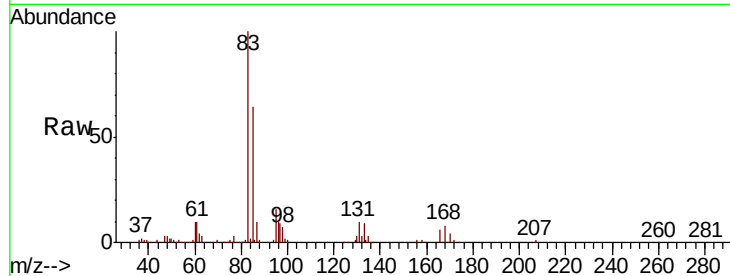
ClientSampled :

VW0912SBSD01

Tot Ion:	83	Resp:	87367
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.4
85	63.3	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.88 ug/l m

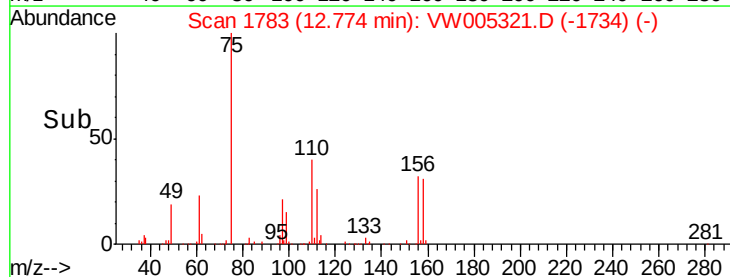
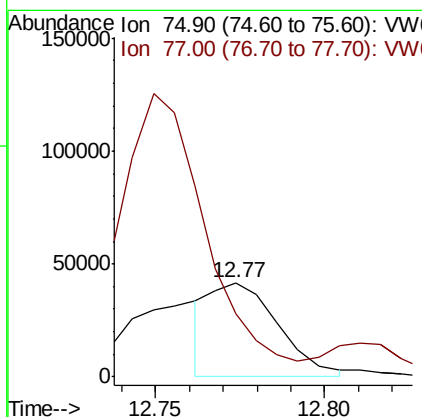
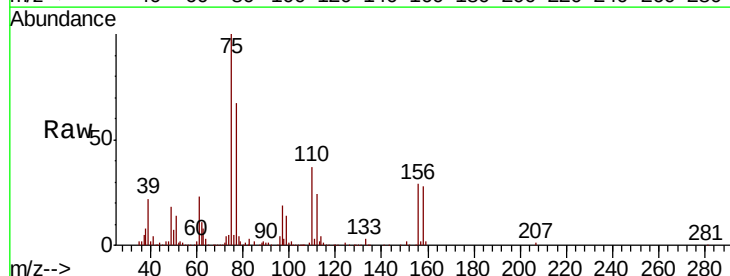
RT: 12.77 min Scan# 1783

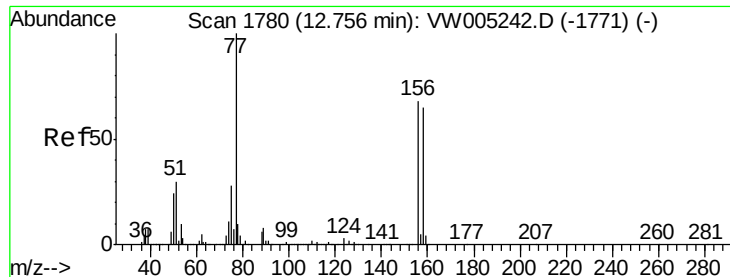
Delta R.T. -0.00 min

Lab File: VW005321.D

Acq: 12 Sep 2018 13:24

Tgt Ion:	75	Resp:	59016
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





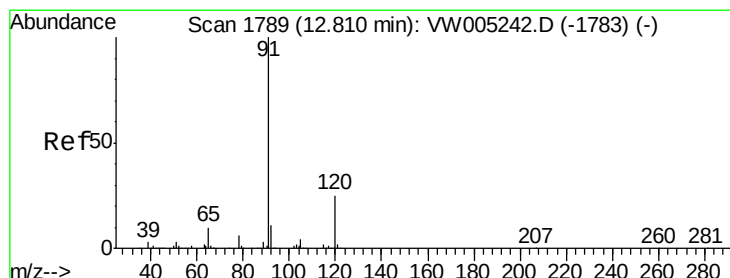
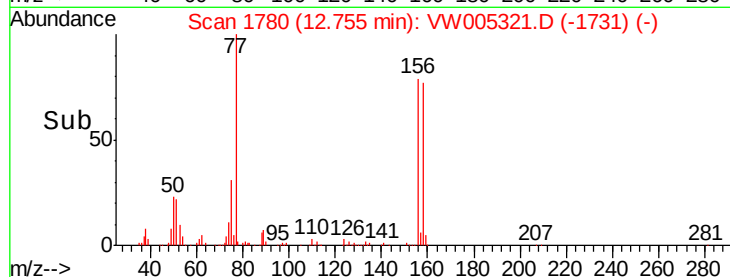
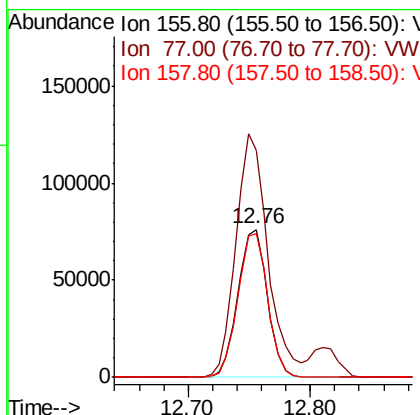
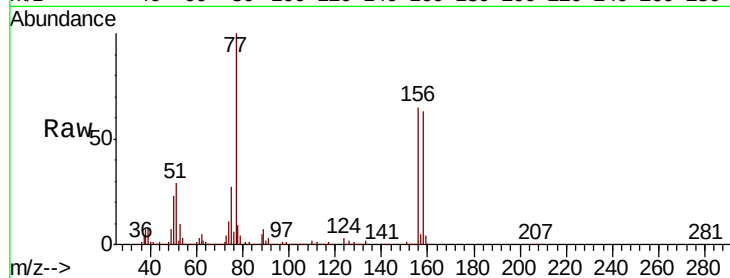
#77
Bromobenzene
Concen: 21.69 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	178.9	86.3	258.8
158	98.1	48.6	145.8

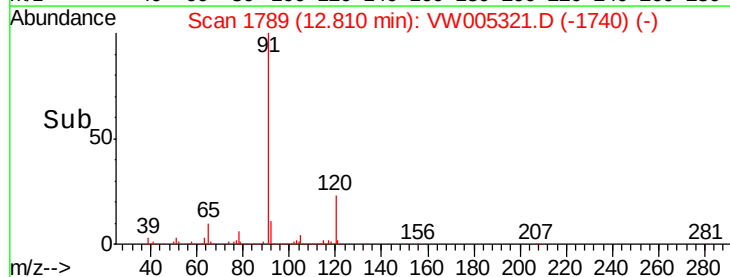
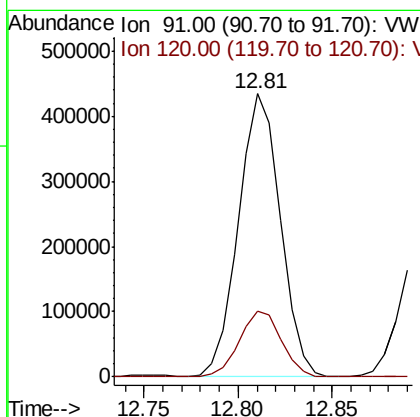
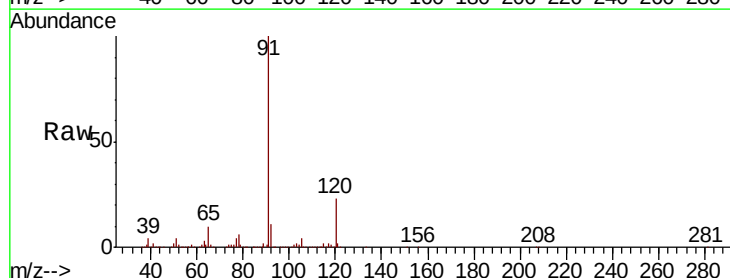
Manual Integrations
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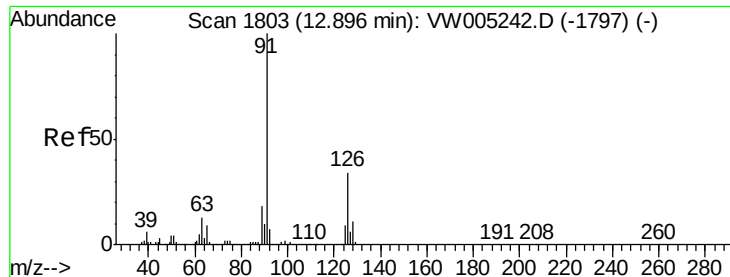
apatel
9/13/2018 11:11:27 AM



#78
n-propylbenzene
Concen: 22.45 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	12.0	36.0





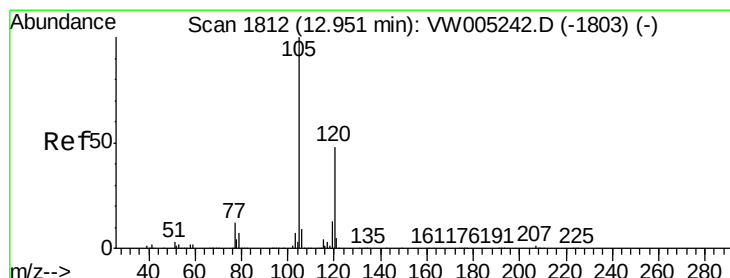
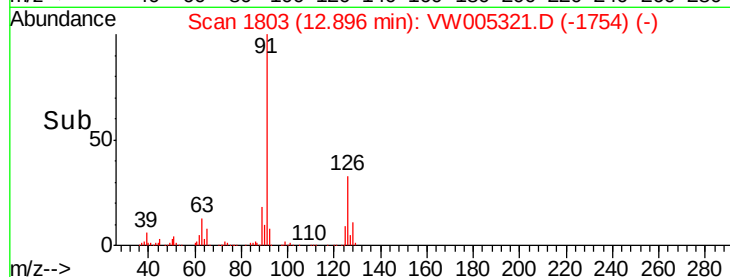
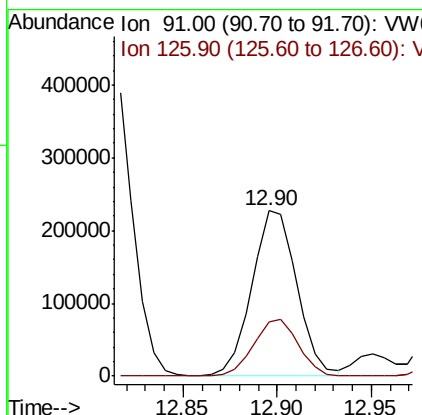
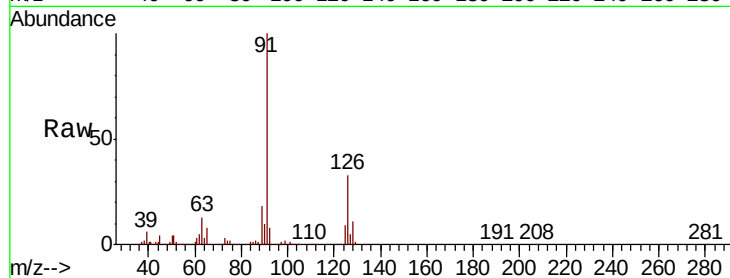
#79
2-Chlorotoluene
Concen: 22.04 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion: 91 Resp: 376159
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.5

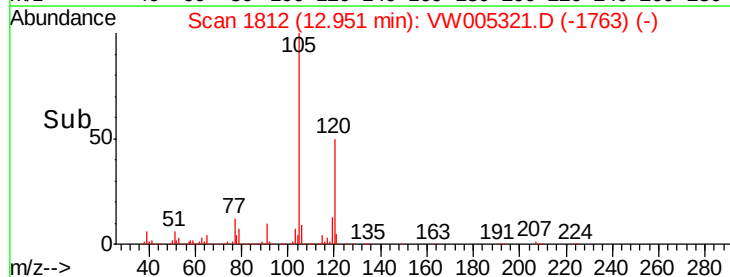
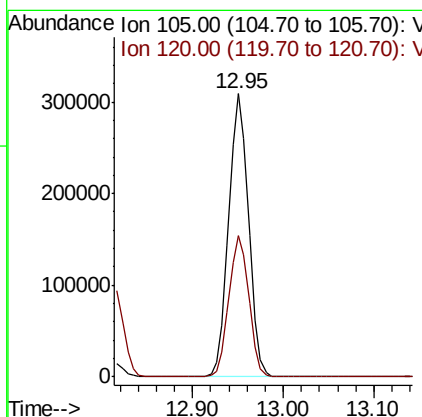
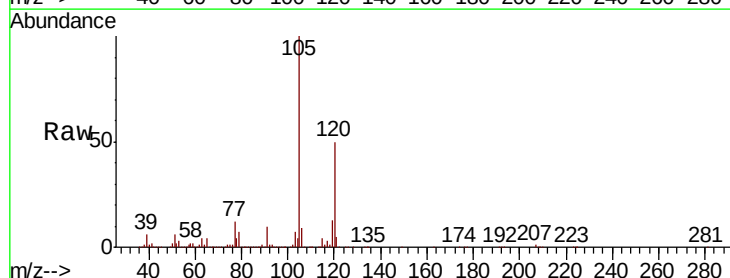
Manual Integrations
APPROVED

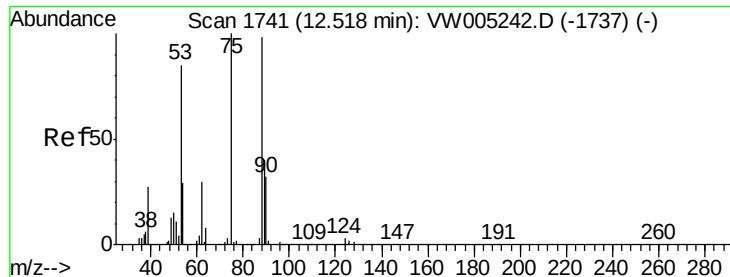
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 22.27 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion:105 Resp: 469925
Ion Ratio Lower Upper
105 100
120 50.0 24.4 73.4





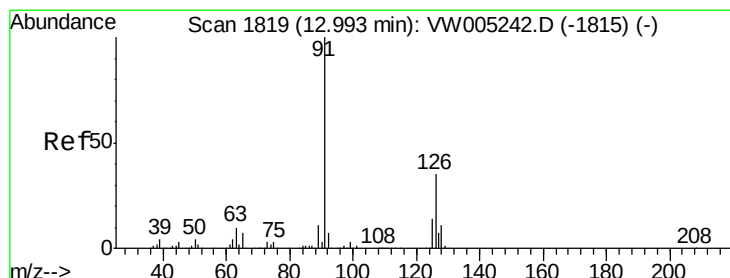
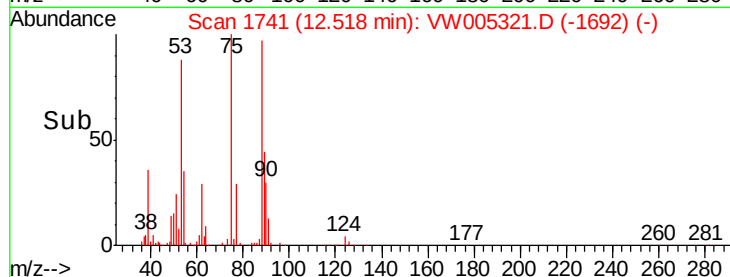
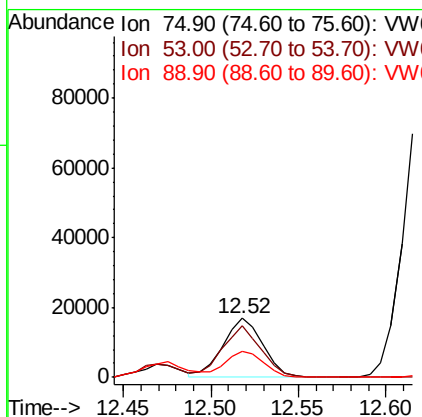
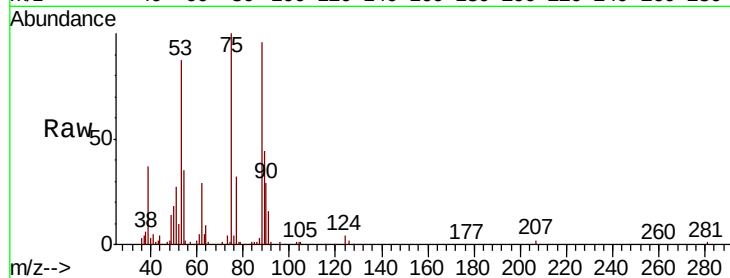
#81
trans-1,4-Dichloro-2-butene
Concen: 22.96 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.3	67.0	100.6
89	44.4	37.0	55.4

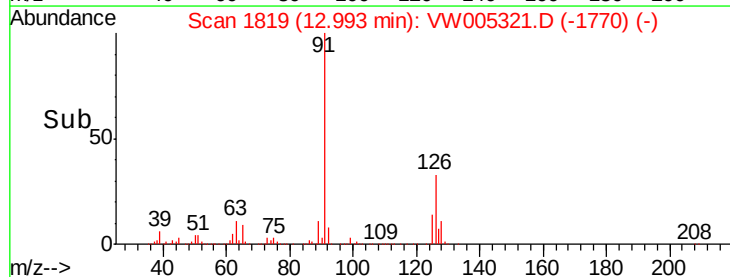
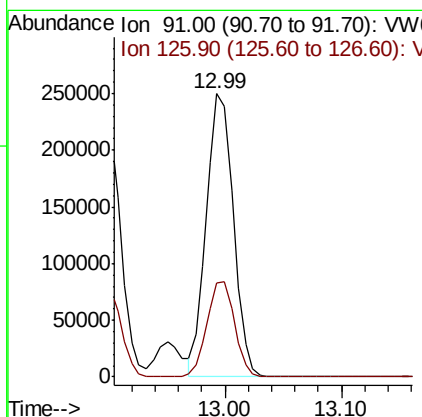
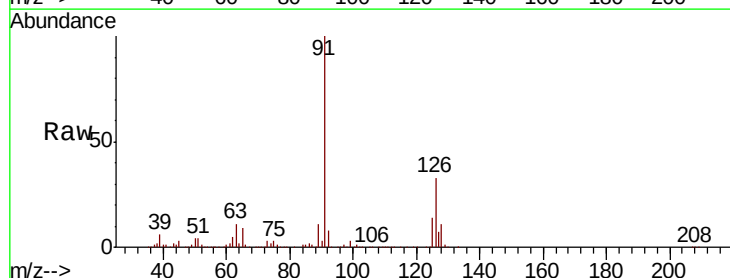
Manual Integrations
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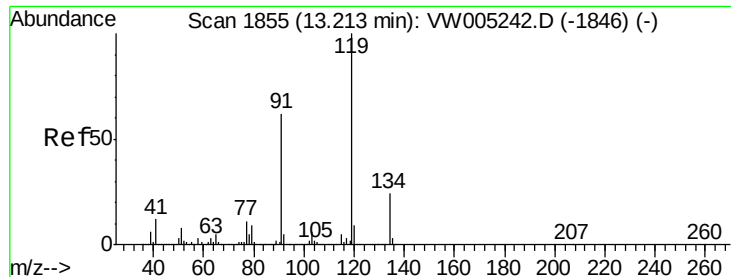
apatel
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#82
4-Chlorotoluene
Concen: 22.30 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.5	52.5





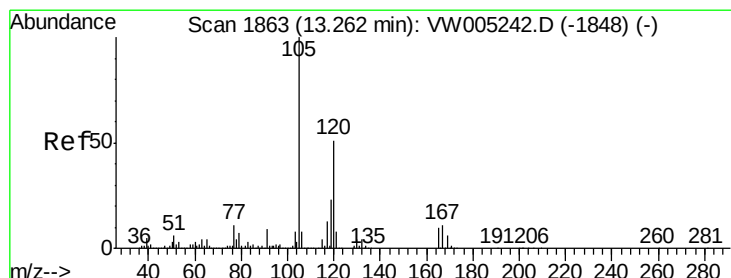
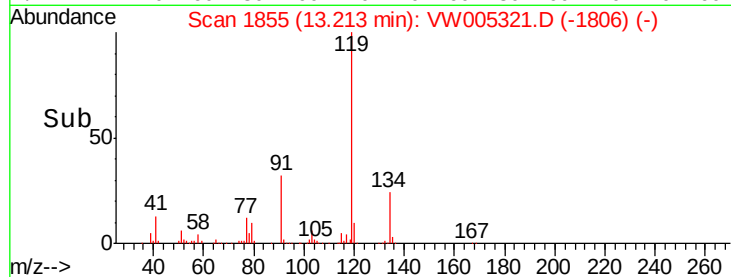
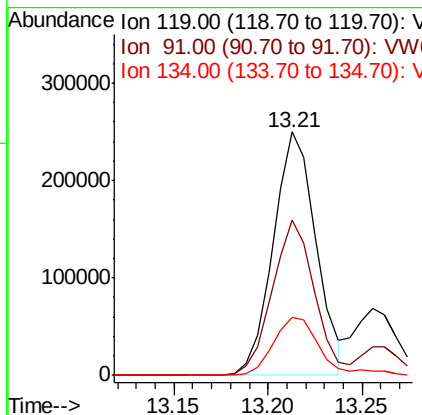
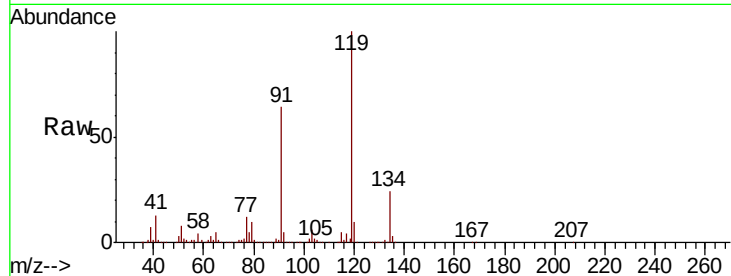
#83
 tert-Butylbenzene
 Concen: 21.27 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.3	31.7	95.1
134	26.1	13.0	38.9

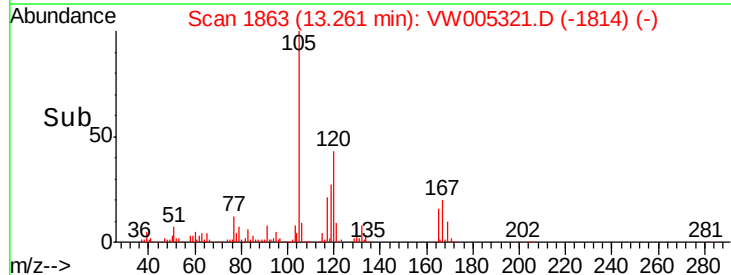
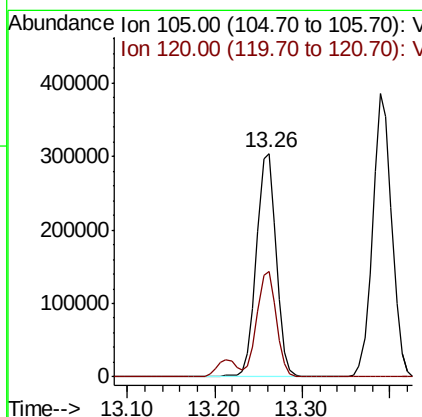
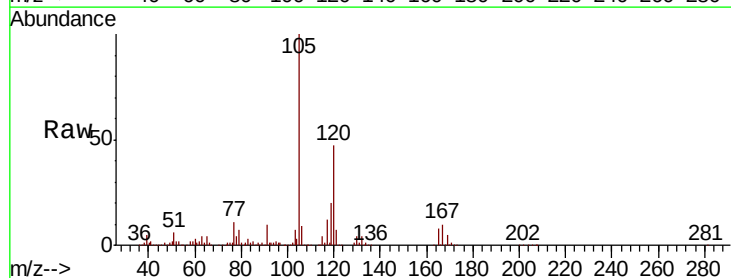
Manual Integrations
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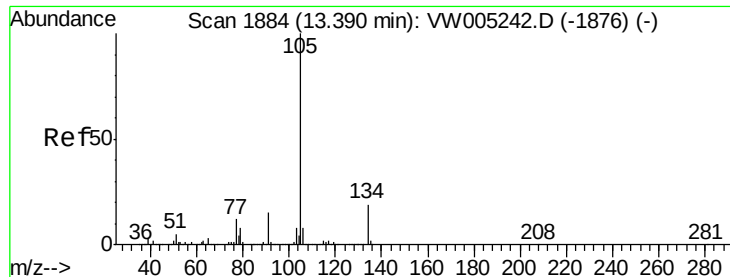
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.44 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.4	70.3





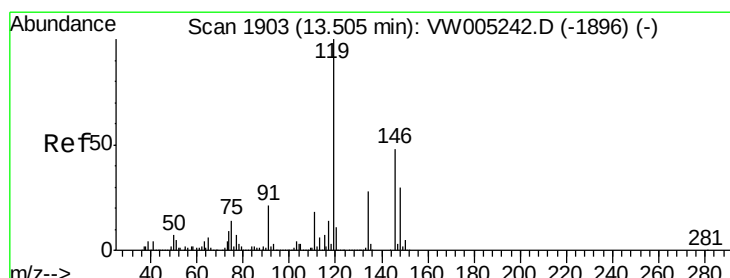
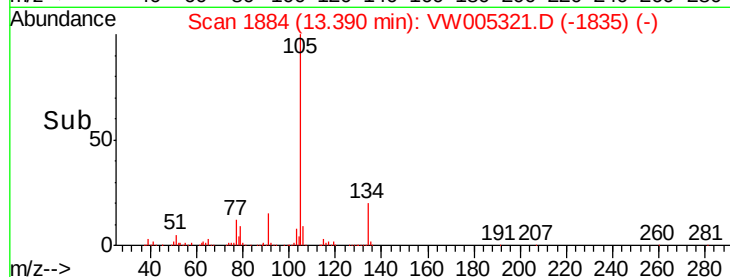
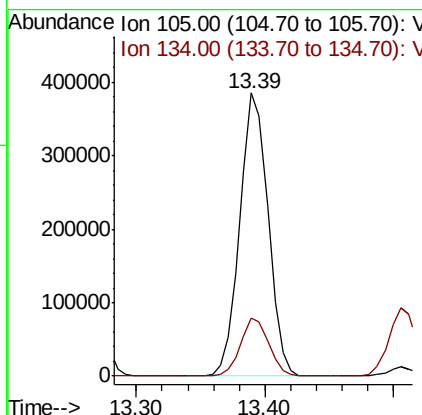
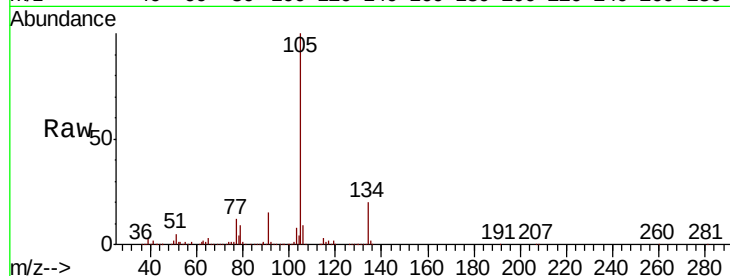
#85
 sec-Butylbenzene
 Concen: 22.09 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	9.9	29.7

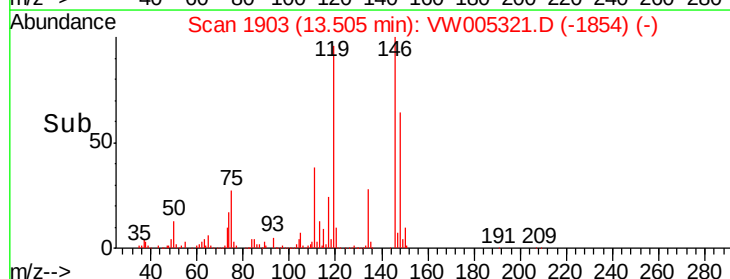
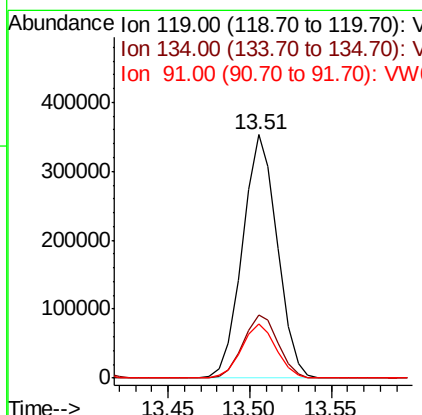
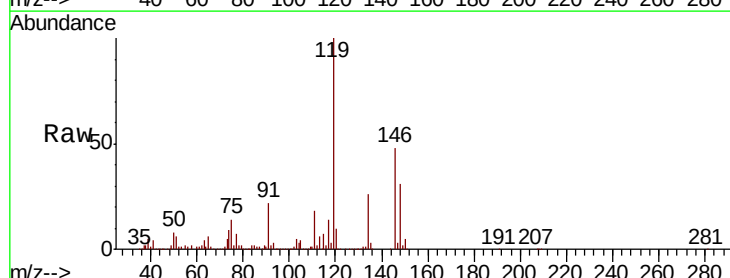
Manual Integrations
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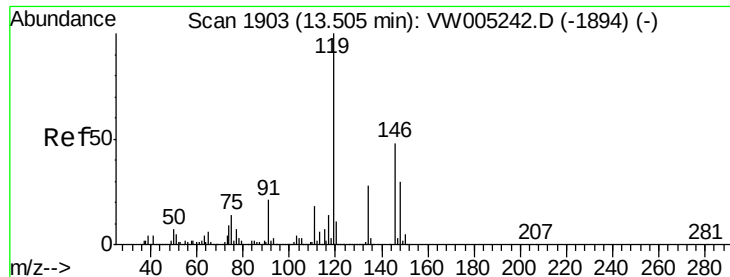
apatel
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#86
 p-Isopropyltoluene
 Concen: 22.26 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.2	39.5
91	22.0	10.7	32.1





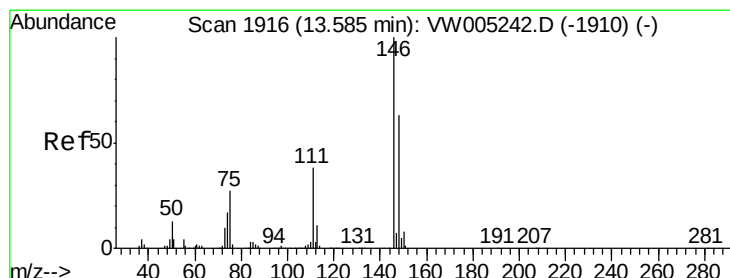
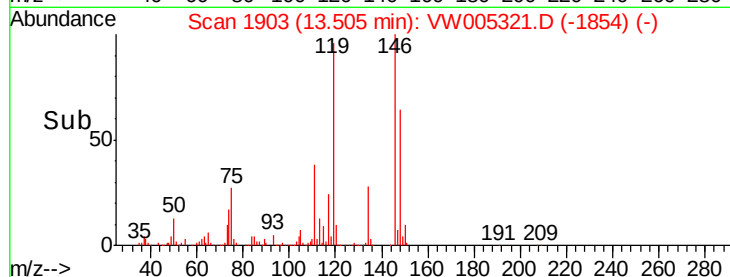
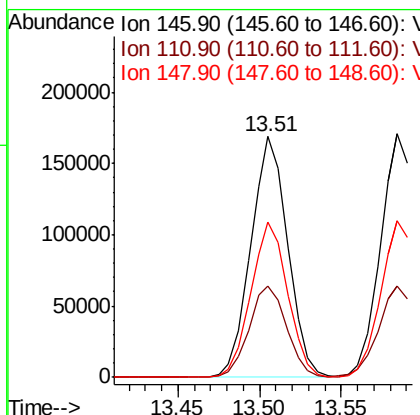
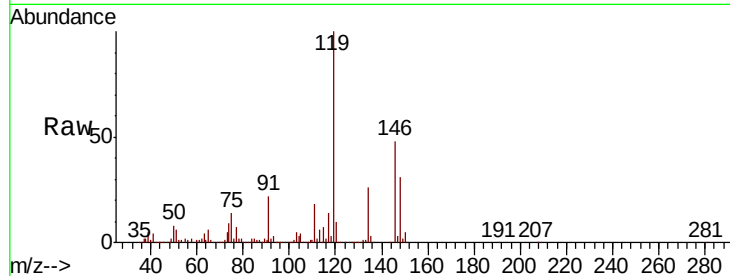
#87
 1,3-Dichlorobenzene
 Concen: 21.66 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	265516		
111	38.6	18.8	56.3	
148	64.4	31.6	94.8	

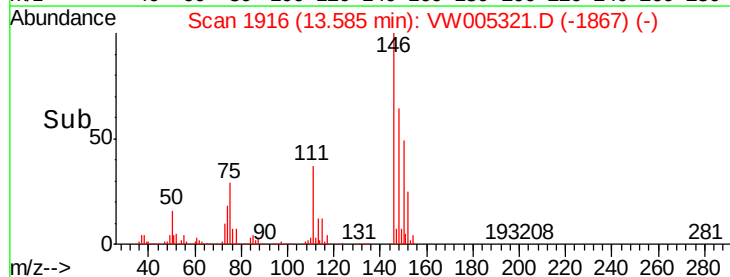
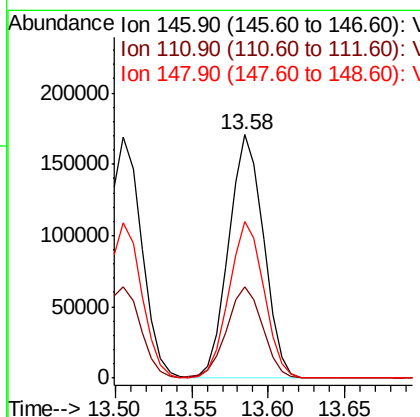
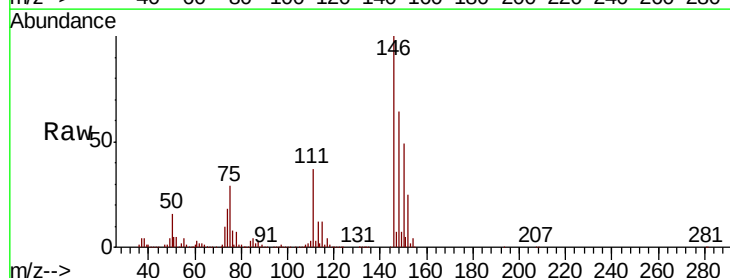
Manual Integrations
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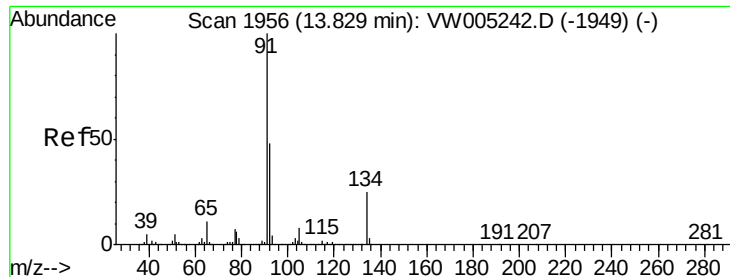
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 22.39 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	269576		
111	38.5	19.1	57.3	
148	64.2	32.3	96.9	





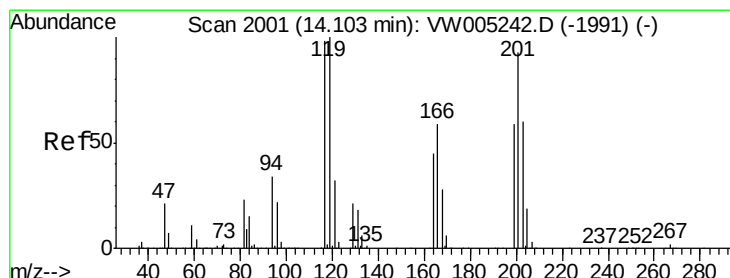
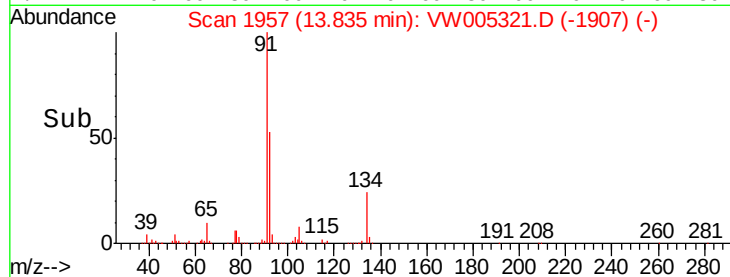
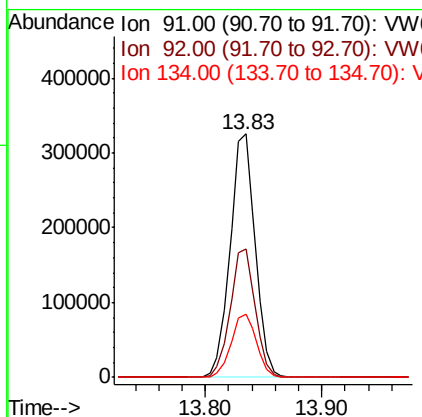
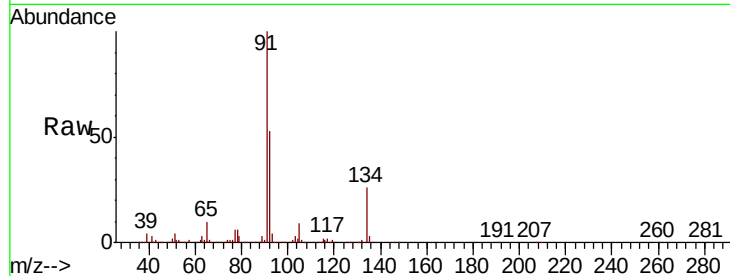
#89
n-Butylbenzene
Concen: 22.10 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.8	77.3
134	26.1	13.6	40.8

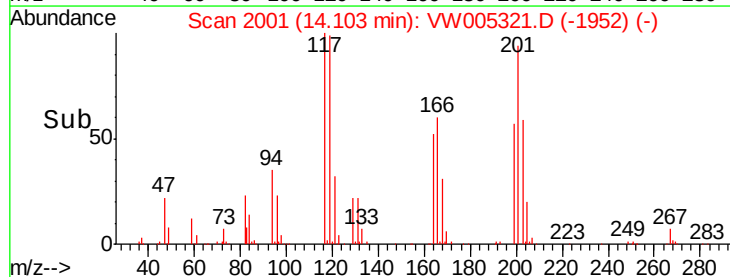
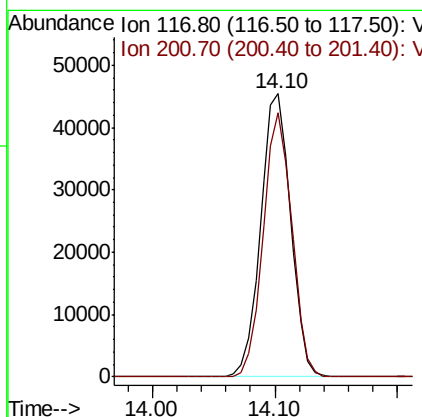
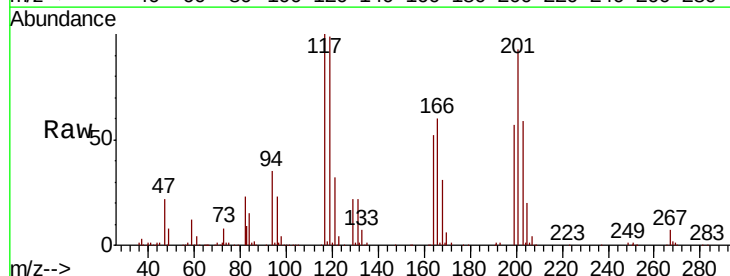
Manual Integrations
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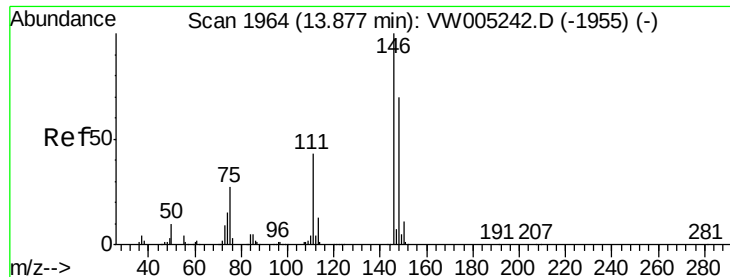
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#90
Hexachloroethane
Concen: 20.65 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.9	44.0	132.1





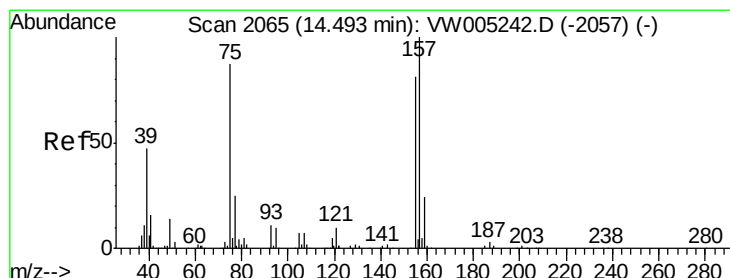
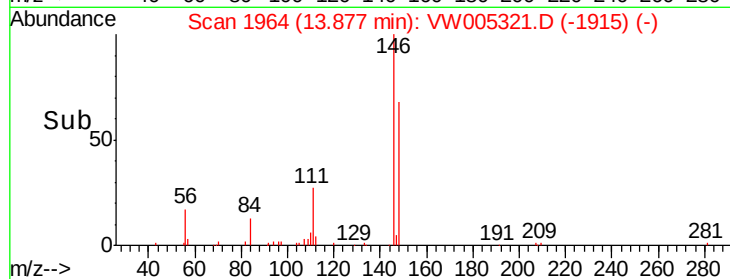
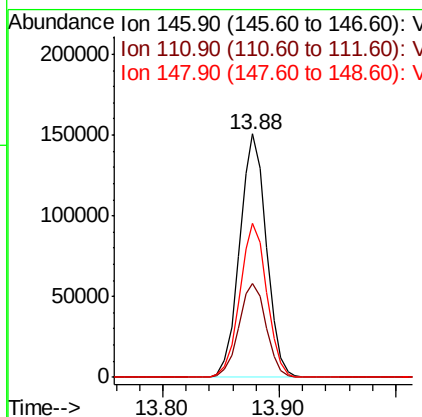
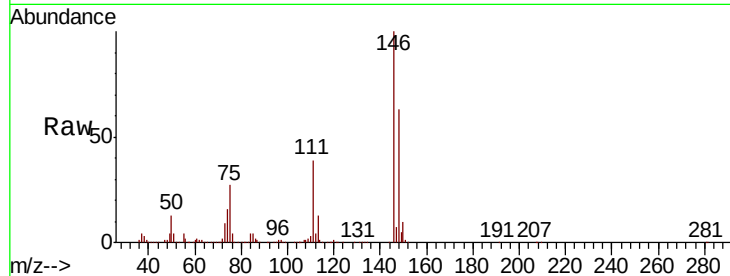
#91
 1,2-Dichlorobenzene
 Concen: 22.35 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	240755		
111	39.7	20.5	61.5	
148	63.8	32.7	98.1	

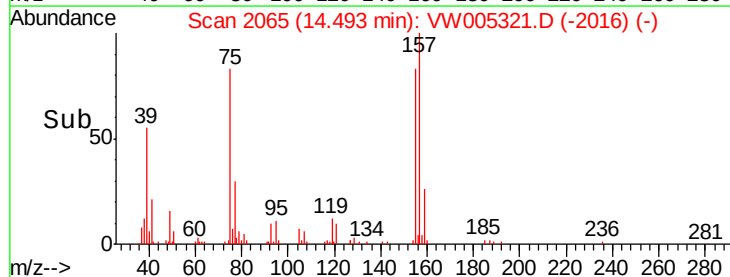
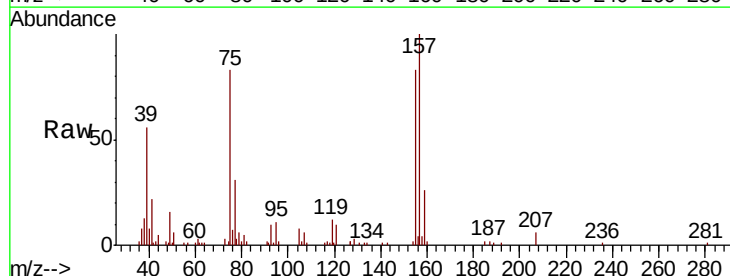
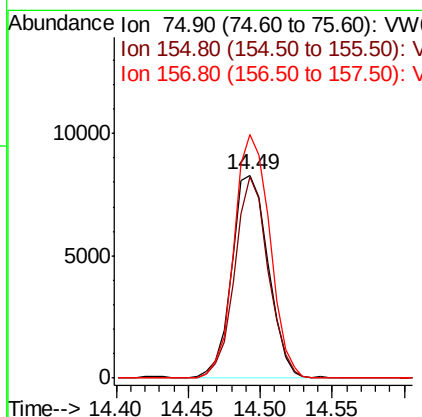
Manual Integrations
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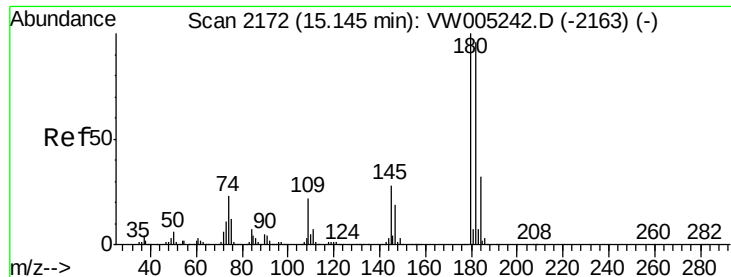
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.74 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	14698		
155	90.8	47.4	142.2	
157	116.9	59.4	178.2	





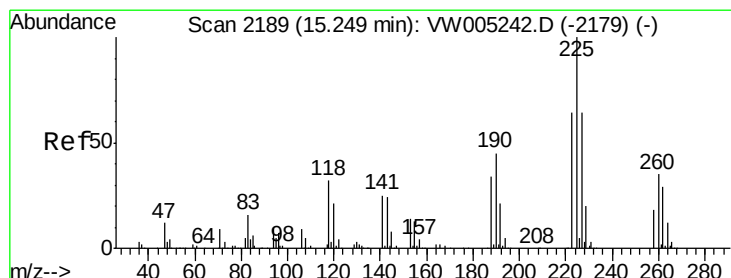
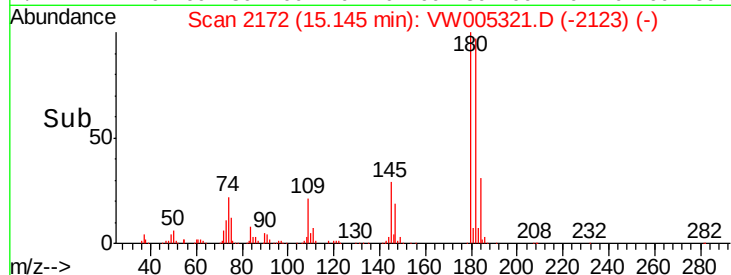
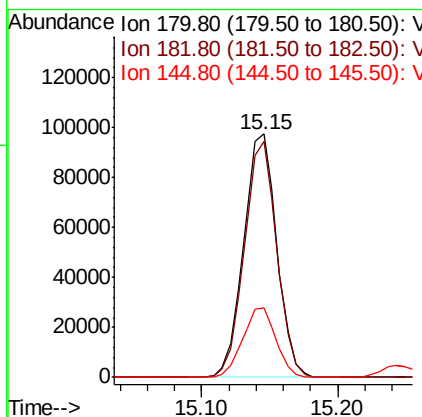
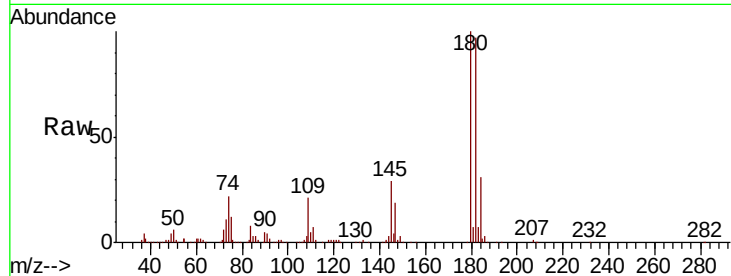
#93
 1,2,4-Trichlorobenzene
 Concen: 21.76 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	165859		
182	94.8	48.1	144.4	
145	28.9	14.5	43.6	

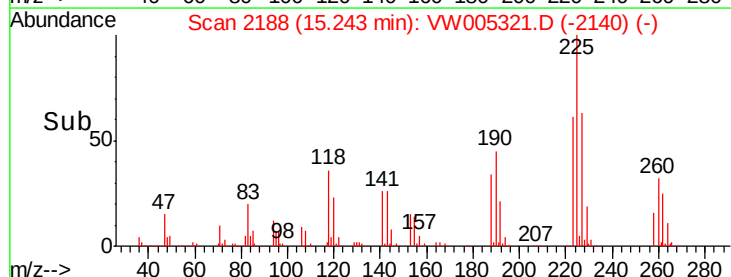
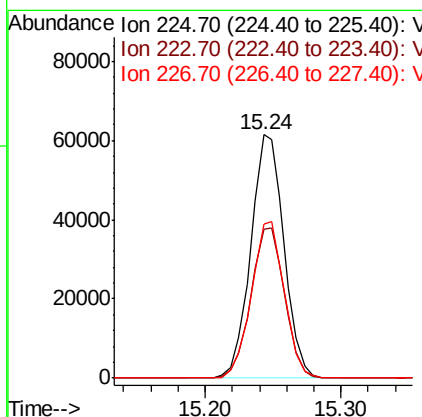
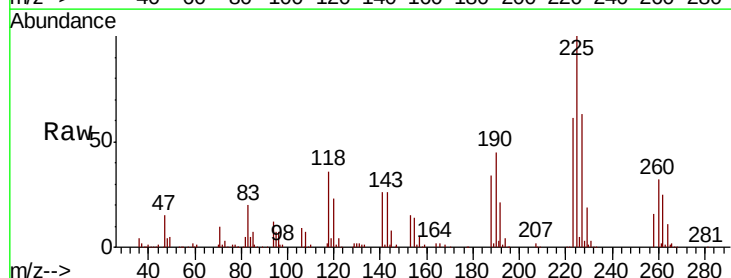
Manual Integrations
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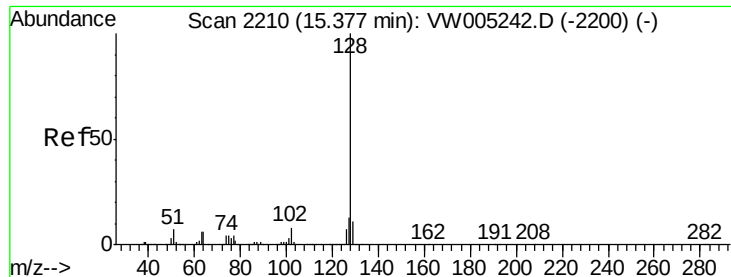
apatel
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#94
 Hexachlorobutadiene
 Concen: 21.46 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: VW005321.D
 Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	104736		
223	62.8	31.4	94.2	
227	63.9	32.0	96.0	





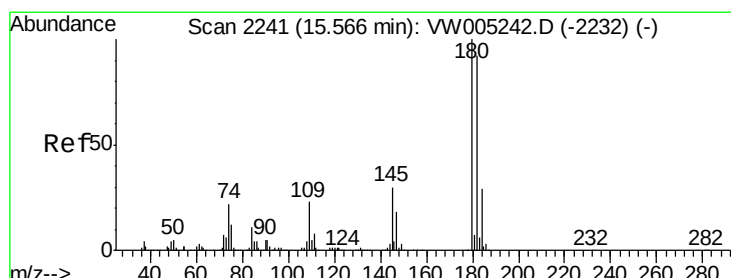
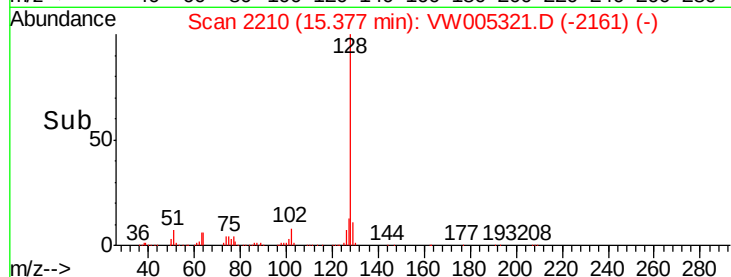
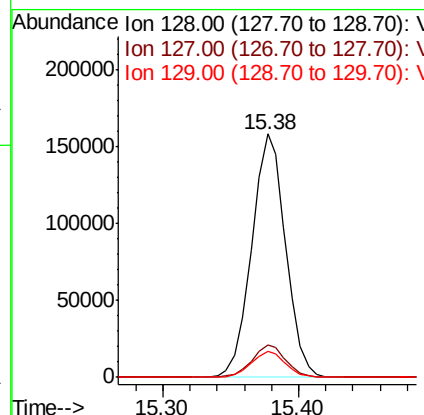
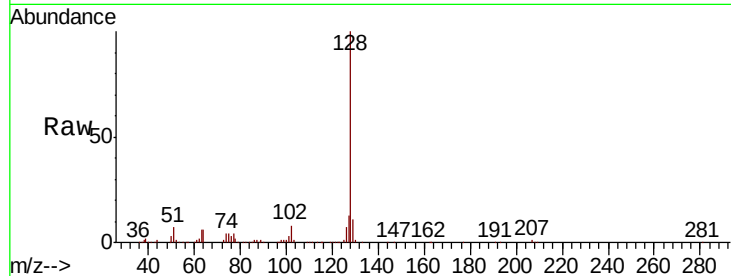
#95
Naphthalene
Concen: 22.35 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	276112		
127	13.2	10.3	15.5	
129	11.0	8.8	13.2	

Manual Integrations
APPROVED

apatel
9/13/2018 11:11:27 AM



#96
1,2,3-Trichlorobenzene
Concen: 22.09 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005321.D
Acq: 12 Sep 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	144857		
182	96.2	47.2	141.6	
145	31.5	15.2	45.6	

