

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061419\
 Data File : VW010812.D
 Acq On : 14 Jun 2019 14:15
 Operator : SY/VA
 Sample : VW0614SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 1:23:25 PM

Quant Time: Jun 14 16:02:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	140502	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	7.88	113	109855	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
50) Toluene-d8	10.32	98	460734	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	170710	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	45349	20.878	ug/l	99
3) Chloromethane	2.21	50	67374	21.083	ug/l	99
4) Vinyl Chloride	2.35	62	59706	20.222	ug/l	99
5) Bromomethane	2.75	94	32507	20.049	ug/l	95
6) Chloroethane	2.90	64	35747	20.170	ug/l	96
7) Trichlorofluoromethane	3.25	101	82553	21.539	ug/l	94
8) Diethyl Ether	3.68	74	27657	20.193	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.05	101	51153	21.709	ug/l	100
10) Methyl Iodide	4.26	142	42443	20.606	ug/l	98
11) Tert butyl alcohol	5.17	59	30983	137.276	ug/l	95
12) 1,1-Dichloroethene	4.03	96	47722	20.995	ug/l	94
13) Acrolein	3.90	56	6249	67.756	ug/l	97
14) Allyl chloride	4.67	41	110535	22.054	ug/l	99
15) Acrylonitrile	5.37	53	68969	103.650	ug/l	100
16) Acetone	4.12	43	77800	104.806	ug/l	98
17) Carbon Disulfide	4.37	76	141004	19.541	ug/l	99
18) Methyl Acetate	4.67	43	35791	22.398	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	138472	21.122	ug/l	100
20) Methylene Chloride	4.91	84	58818	22.586	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	54528	21.132	ug/l	96
22) Diisopropyl ether	6.31	45	220102	21.936	ug/l	99
23) Vinyl Acetate	6.26	43	642923	106.172	ug/l	99
24) 1,1-Dichloroethane	6.21	63	110263	21.928	ug/l	98
25) 2-Butanone	7.17	43	110970	107.807	ug/l	98
26) 2,2-Dichloropropane	7.17	77	95405	23.316	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	61728	21.737	ug/l	96
28) Bromochloromethane	7.51	49	44883	20.001	ug/l	96
29) Tetrahydrofuran	7.53	42	65865	101.731	ug/l	98
30) Chloroform	7.68	83	100134	21.771	ug/l	99
31) Cyclohexane	7.95	56	117015	20.934	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	88480	22.022	ug/l	100
36) 1,1-Dichloropropene	8.08	75	85372	21.892	ug/l	100
37) Ethyl Acetate	7.25	43	45946	21.262	ug/l	100
38) Carbon Tetrachloride	8.07	117	74042	21.994	ug/l	94

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 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	104641	21.108	ug/l	98
40) Benzene	8.32	78	230261	21.644	ug/l	99
41) Methacrylonitrile	7.48	41	26175	20.378	ug/l	97
42) 1,2-Dichloroethane	8.40	62	74263	21.994	ug/l	100
43) Isopropyl Acetate	8.43	43	88520	21.203	ug/l	99
44) Trichloroethene	9.09	130	56425	21.501	ug/l	100
45) 1,2-Dichloropropane	9.37	63	61616	21.880	ug/l	100
46) Dibromomethane	9.46	93	28103	21.485	ug/l	97
47) Bromodichloromethane	9.65	83	71889	21.202	ug/l	98
48) Methyl methacrylate	9.44	41	42225	20.977	ug/l	97
49) 1,4-Dioxane	9.45	88	7734	378.184	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	227263	106.556	ug/l	99
52) Toluene	10.39	92	140988	21.539	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	75989	21.159	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	91130	21.564	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39860	21.153	ug/l	98
56) Ethyl methacrylate	10.65	69	60717	20.940	ug/l	96
57) 1,3-Dichloropropane	10.93	76	75476	21.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	166043	109.332	ug/l	99
59) 2-Hexanone	10.97	43	164775	106.898	ug/l	98
60) Dibromochloromethane	11.13	129	42771	20.476	ug/l	100
61) 1,2-Dibromoethane	11.24	107	37335	20.912	ug/l	99
64) Tetrachloroethene	10.86	164	46154	20.685	ug/l	95
65) Chlorobenzene	11.66	112	143040	21.644	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49559	21.663	ug/l	99
67) Ethyl Benzene	11.73	91	277756	21.869	ug/l	99
68) m/p-Xylenes	11.84	106	198339	43.624	ug/l	99
69) o-Xylene	12.16	106	92619	21.479	ug/l	96
70) Styrene	12.18	104	162396	21.680	ug/l	99
71) Bromoform	12.35	173	23326	19.715	ug/l #	99
73) Isopropylbenzene	12.47	105	264047	21.326	ug/l	99
74) N-amyl acetate	12.27	43	84710	21.170	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47670	20.224	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	35400m	20.460	ug/l	
77) Bromobenzene	12.75	156	56069	20.746	ug/l	97
78) n-propylbenzene	12.80	91	322090	21.574	ug/l	100
79) 2-Chlorotoluene	12.90	91	182502	21.397	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	217848	21.496	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14740	19.580	ug/l	93
82) 4-Chlorotoluene	12.99	91	188466	21.412	ug/l	99
83) tert-Butylbenzene	13.21	119	185445	21.562	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	219687	21.542	ug/l	99
85) sec-Butylbenzene	13.38	105	265548	21.206	ug/l	99
86) p-Isopropyltoluene	13.50	119	238912	21.335	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	110792	21.258	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	109346	21.162	ug/l	99
89) n-Butylbenzene	13.83	91	245360	21.960	ug/l	99
90) Hexachloroethane	14.10	117	42354	21.120	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	98860	21.092	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8514	21.035	ug/l	95

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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	71184	21.642	ug/l	98
94) Hexachlorobutadiene	15.24	225	45999	22.283	ug/l	97
95) Naphthalene	15.37	128	123922	20.737	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	61697	22.056	ug/l	99

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

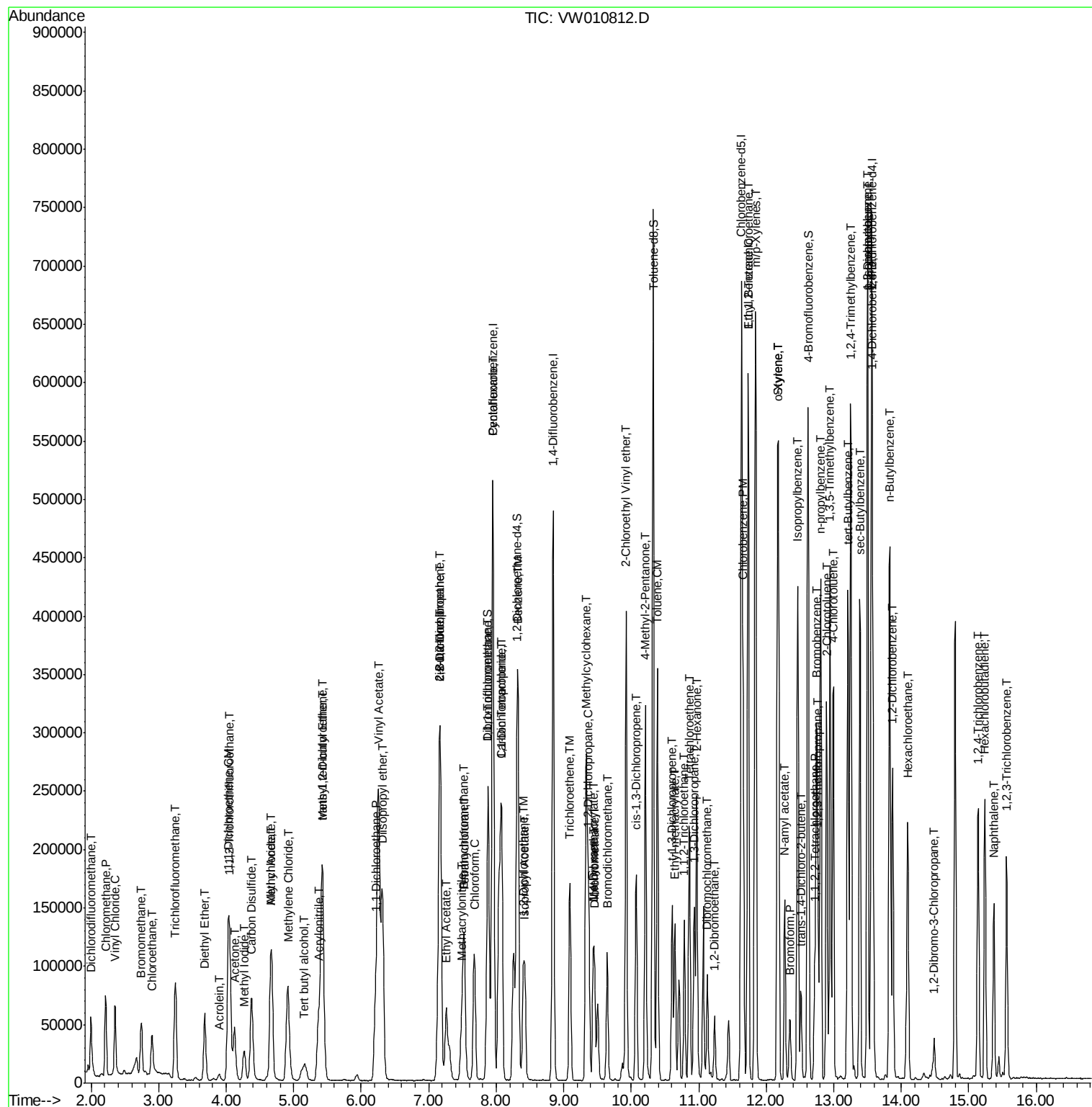
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Data File : VW010812.D
Acq On : 14 Jun 2019 14:15
Operator : SY/VA
Sample : VW0614SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

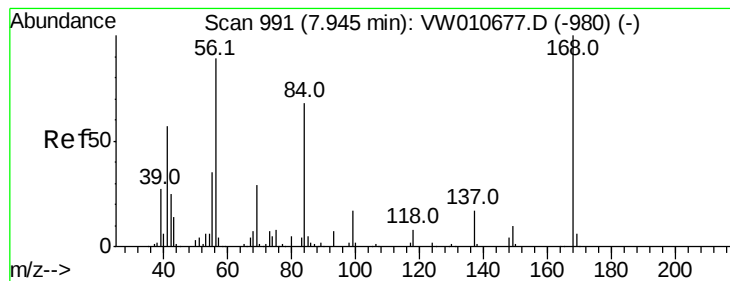
Instrument :
MSVOA_W
Client Sample Id :
VW0614SBSD01

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

Tot Ion:168 Resp: 235045

Ion Ratio Lower Upper

168 100

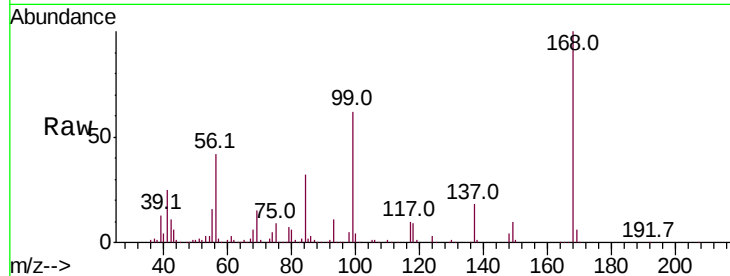
99 62.3 47.7 71.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

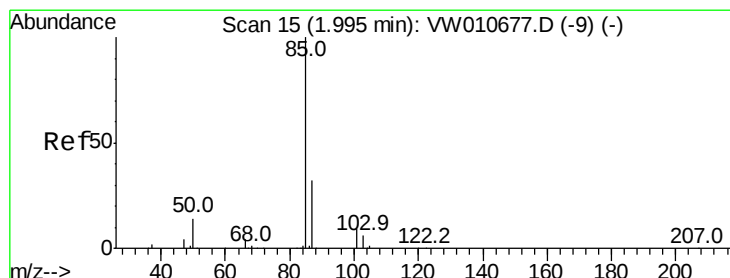
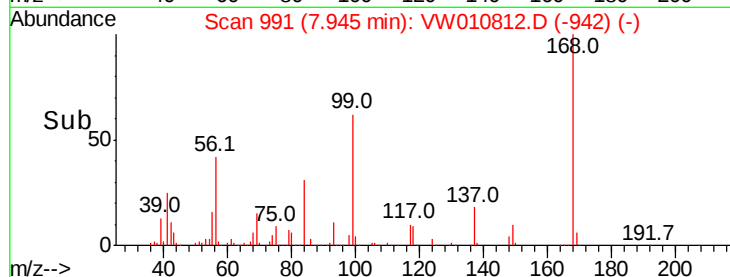
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.878 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010812.D

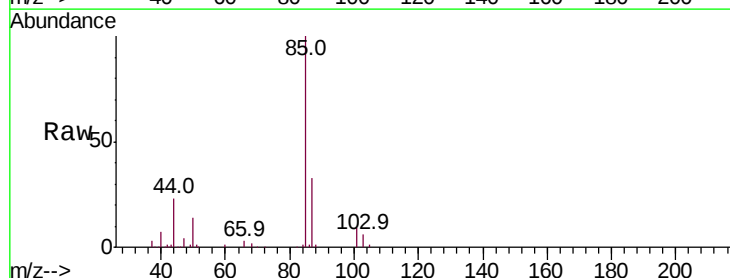
Acq: 14 Jun 2019 14:15

Tgt Ion: 85 Resp: 45349

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

15000

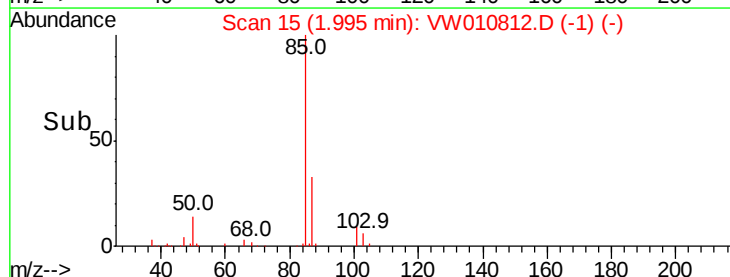
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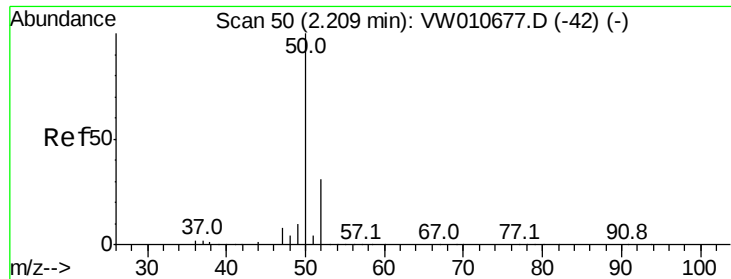
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0

1.90 2.00 2.10

Time-->





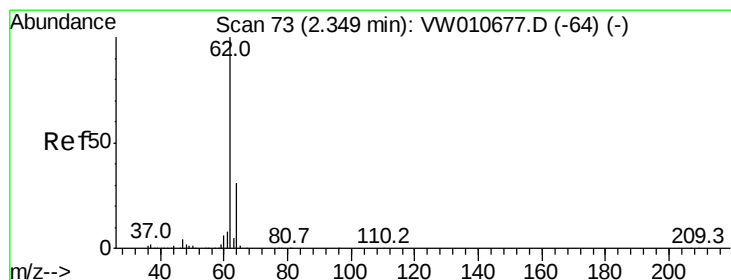
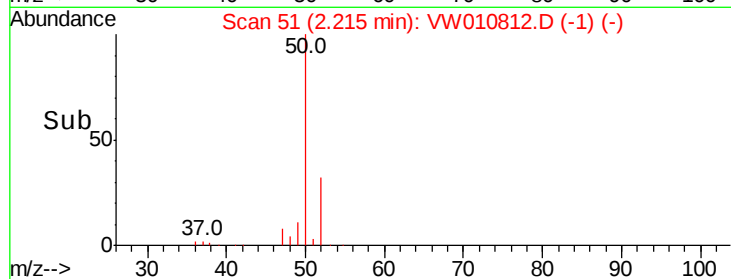
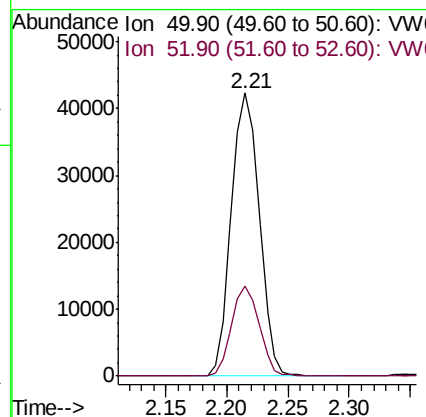
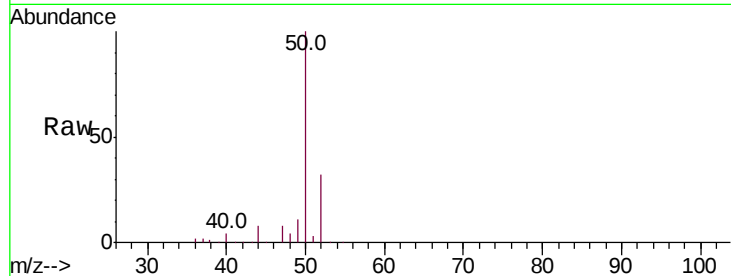
#3
Chloromethane
Concen: 21.083 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.01 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.8	25.2	37.8

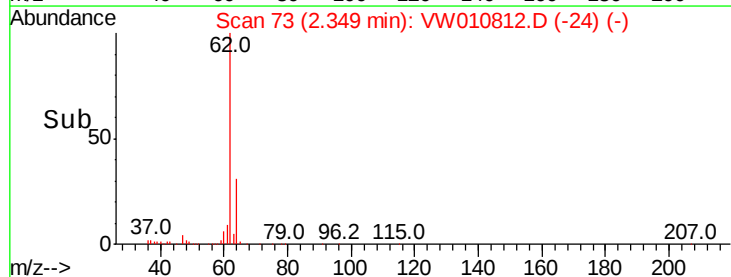
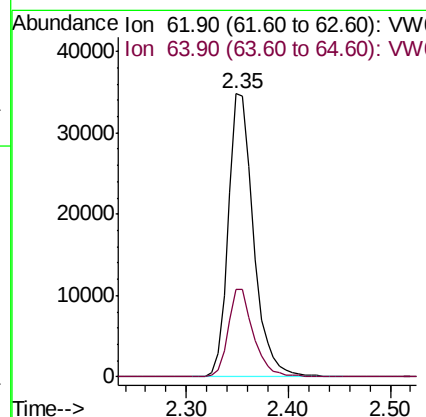
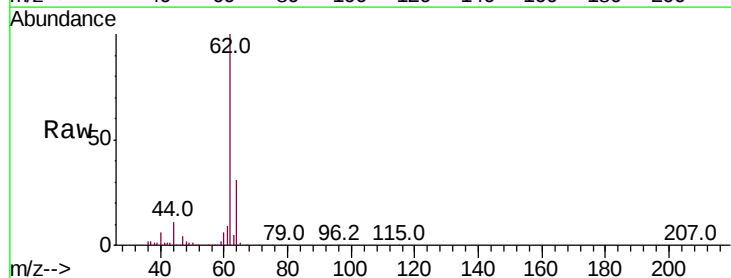
Manual Integrations
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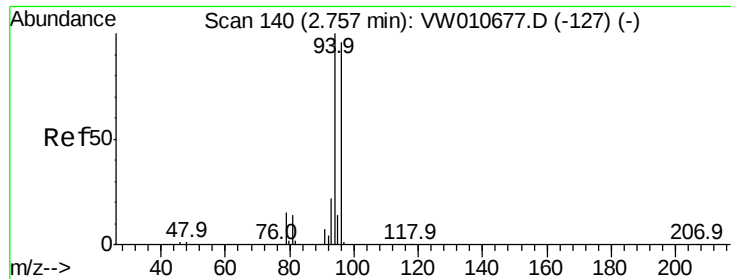
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#4
Vinyl Chloride
Concen: 20.222 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.0	24.5	36.7





#5

Bromomethane

Concen: 20.049 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

Tot Ion: 94 Resp: 32507

Ion Ratio Lower Upper

94 100

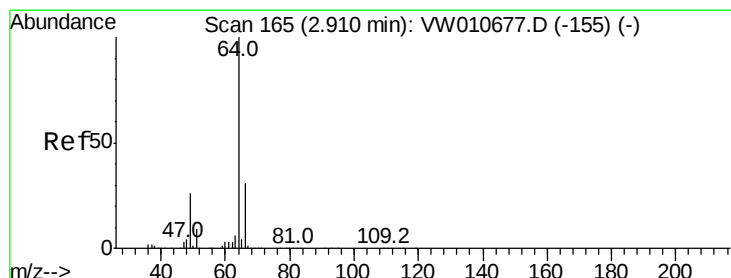
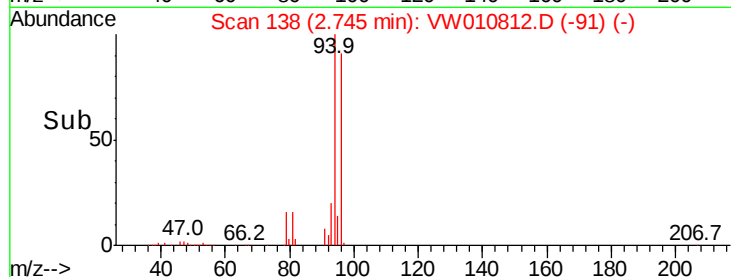
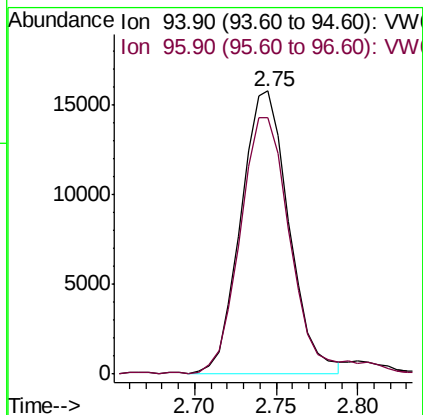
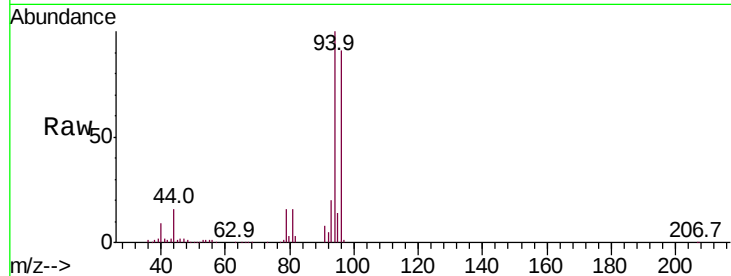
96 90.3 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 20.170 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010812.D

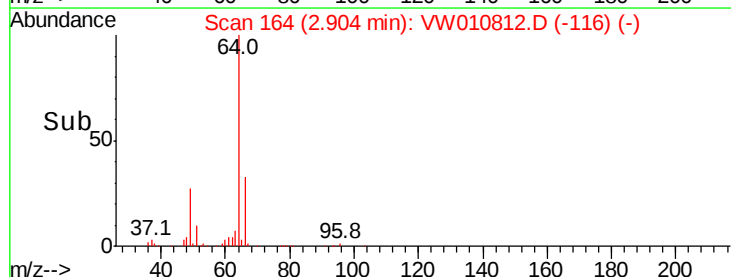
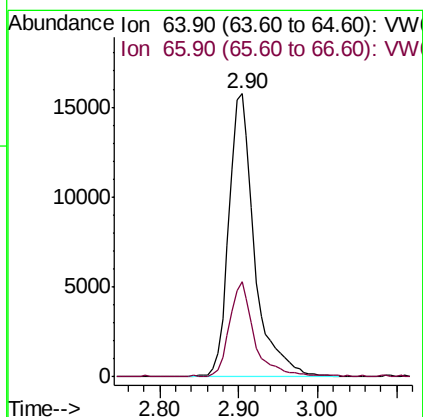
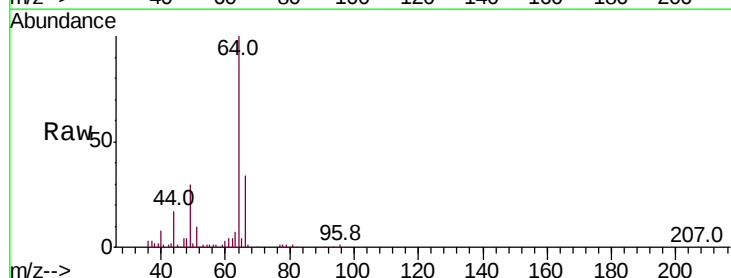
Acq: 14 Jun 2019 14:15

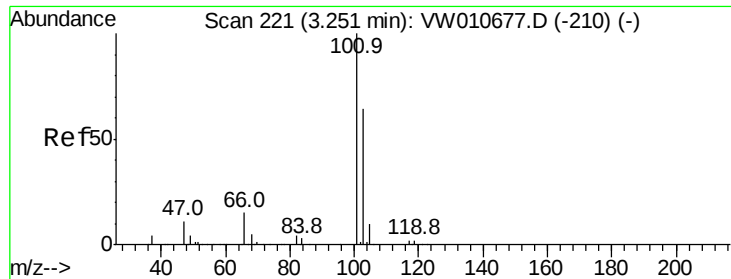
Tgt Ion: 64 Resp: 35747

Ion Ratio Lower Upper

64 100

66 33.7 25.1 37.7





#7

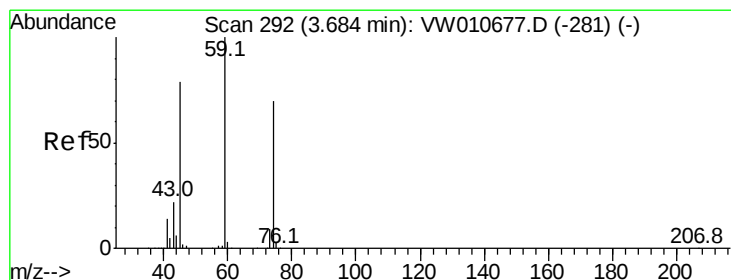
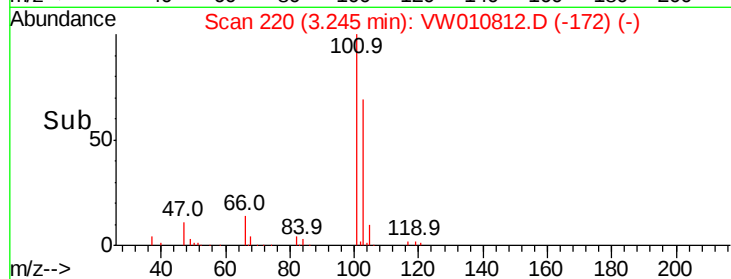
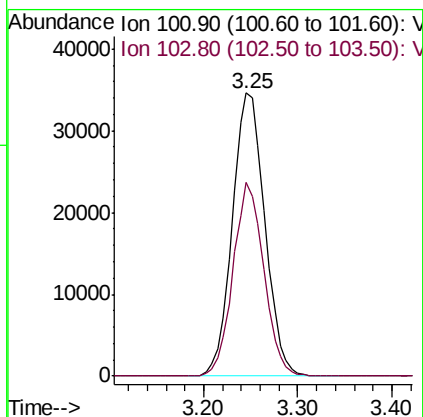
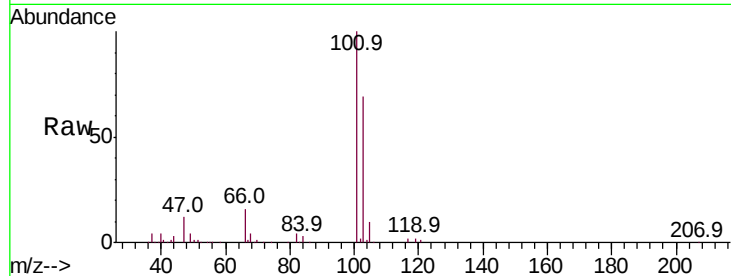
Trichlorofluoromethane
Concen: 21.539 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	82553		
103	68.7		51.2	76.8

Manual Integrations
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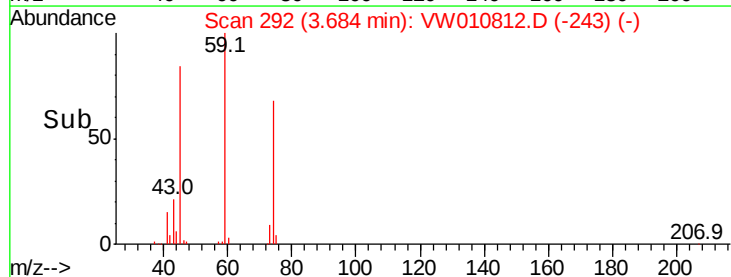
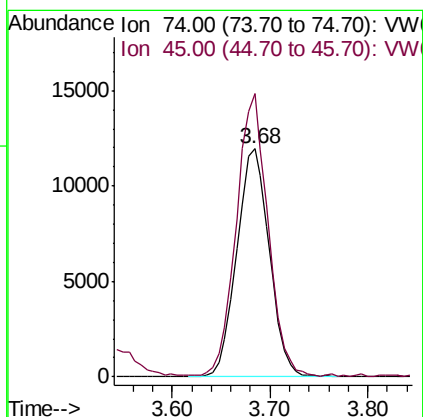
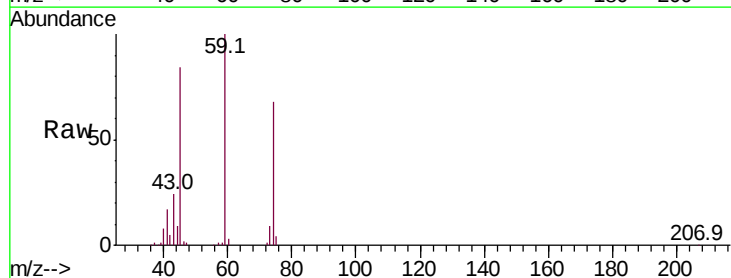
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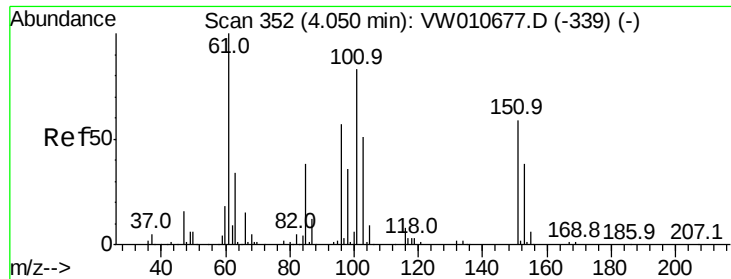


#8

Diethyl Ether
Concen: 20.193 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	27657		
45	121.3		56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.709 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

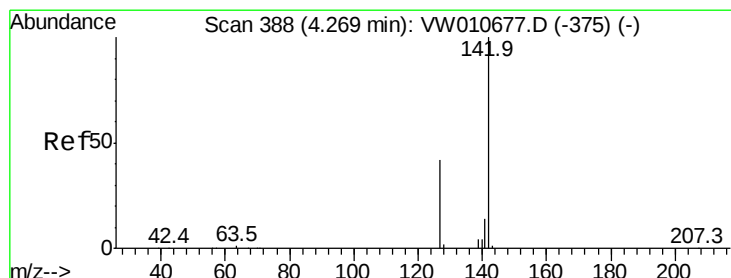
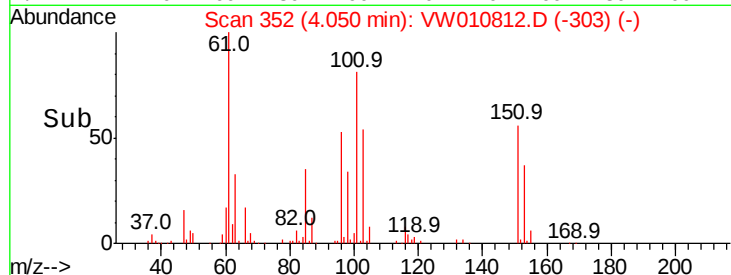
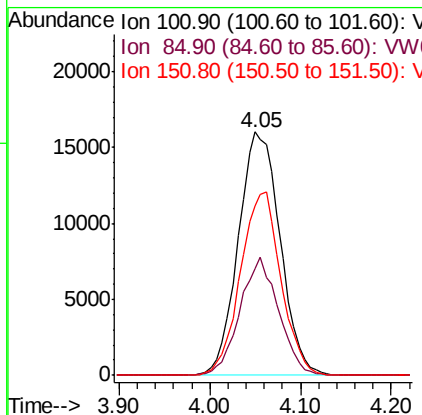
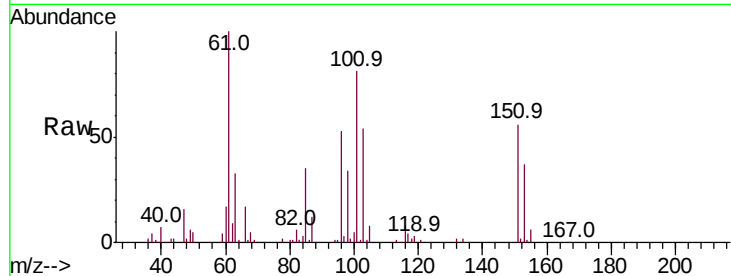
ClientSampleId :

VW0614SBS01

Tot Ion:	101	Resp:	51153
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.8	53.8
151	72.7	58.1	87.1

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#10

Methyl Iodide

Concen: 20.606 ug/l

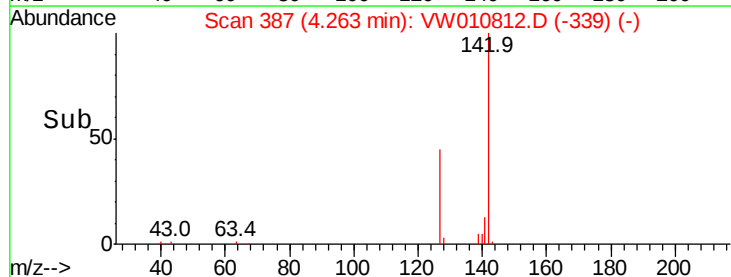
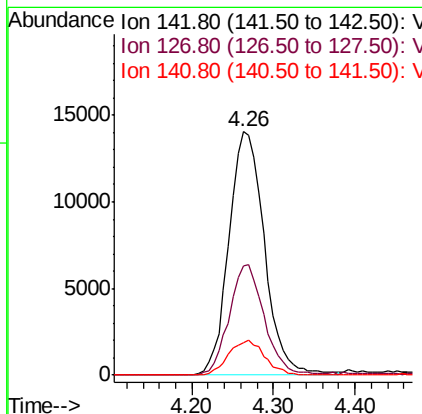
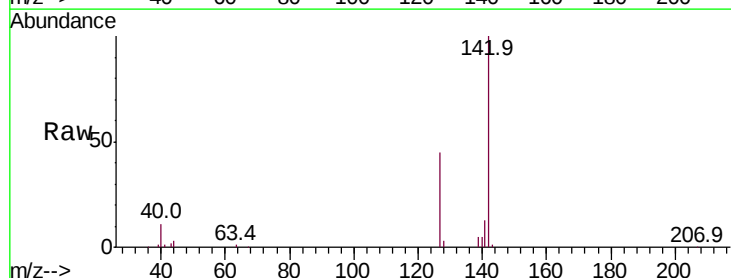
RT: 4.26 min Scan# 387

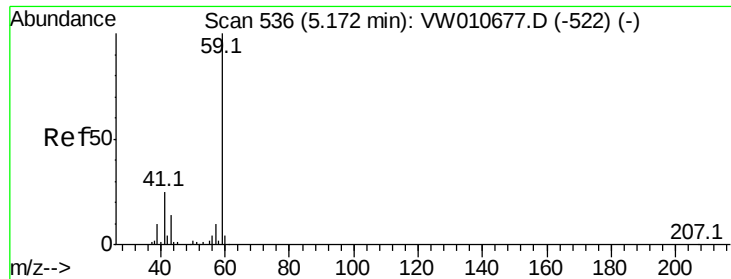
Delta R.T. -0.01 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Tgt Ion:	142	Resp:	42443
Ion Ratio	Lower	Upper	
142	100		
127	44.5	34.6	51.8
141	14.5	11.6	17.4





#11

Tert butyl alcohol

Concen: 137.276 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

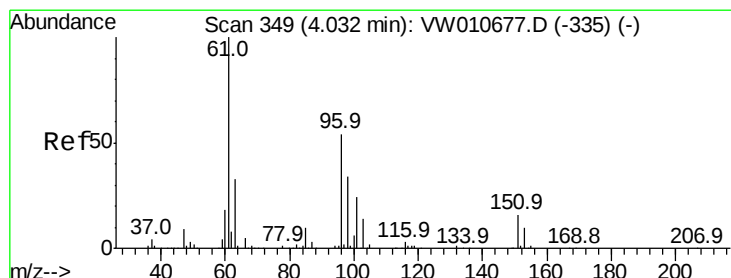
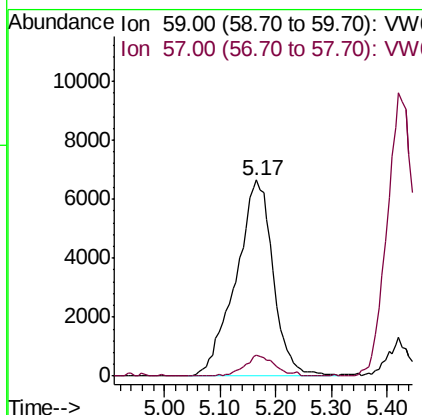
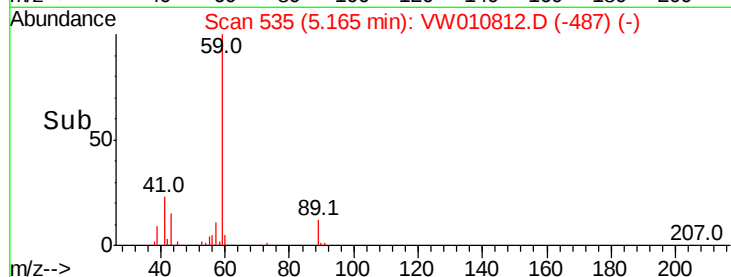
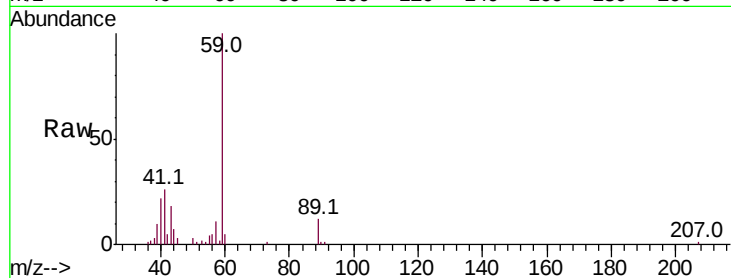
Instrument :
MSVOA_W

ClientSampled :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.6	12.8

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#12

1,1-Dichloroethene

Concen: 20.995 ug/l

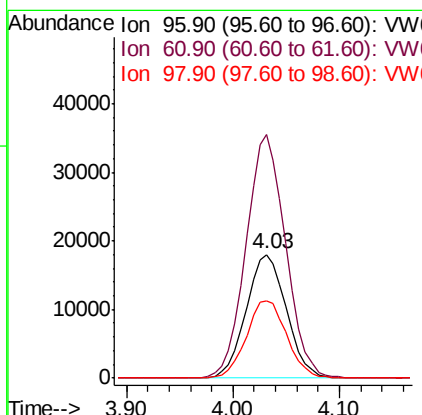
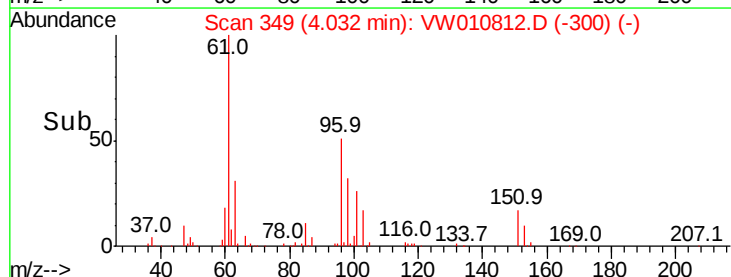
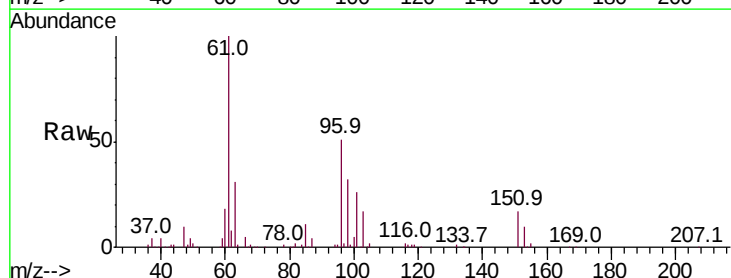
RT: 4.03 min Scan# 349

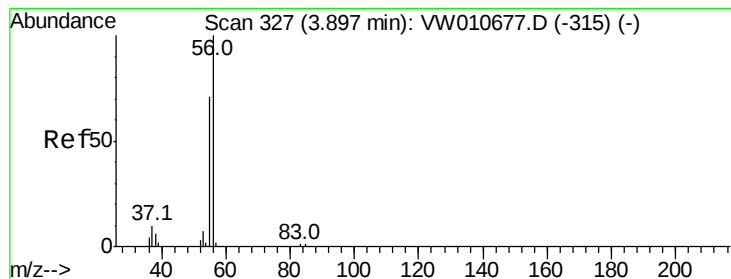
Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	197.0	149.1	223.7
98	62.6	51.1	76.7





#13

Acrolein

Concen: 67.756 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

Tot Ion: 56 Resp: 6249

Ion Ratio Lower Upper

56 100

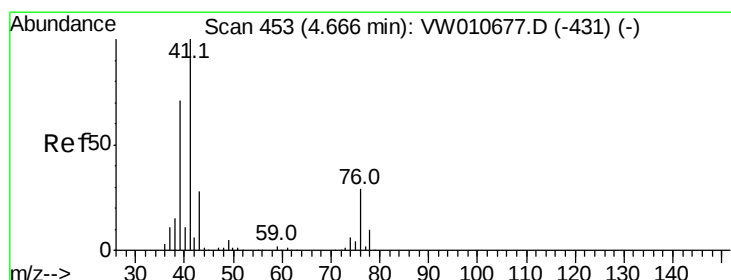
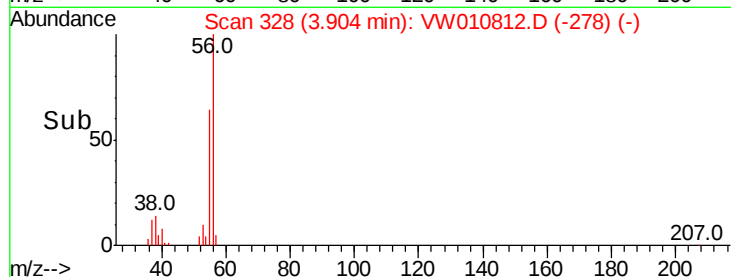
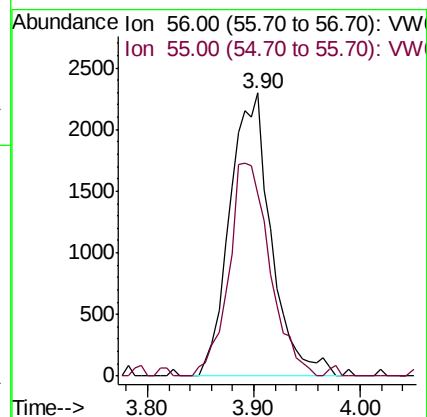
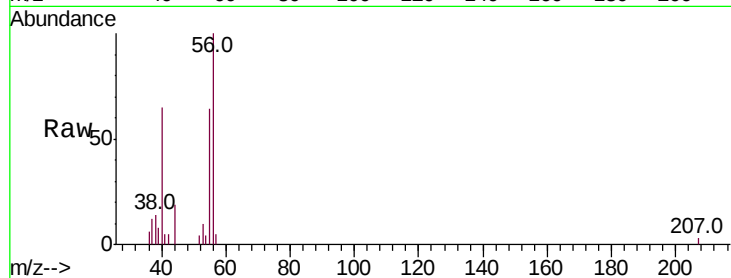
55 74.6 57.6 86.4

Manual Integrations

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#14

Allyl chloride

Concen: 22.054 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

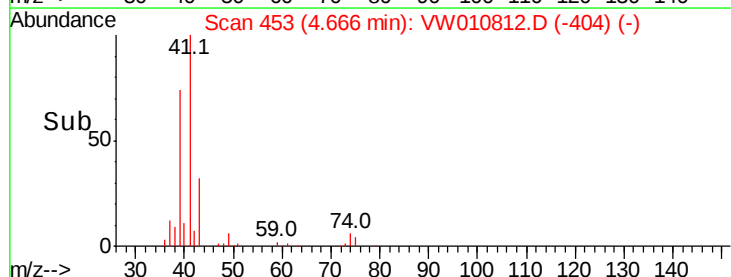
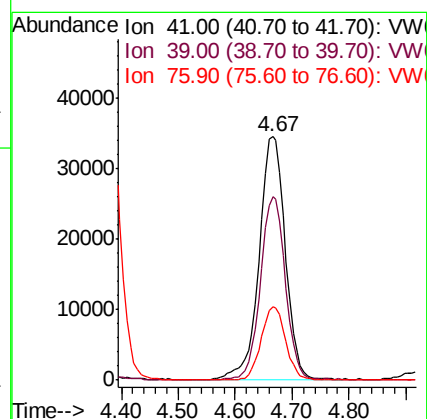
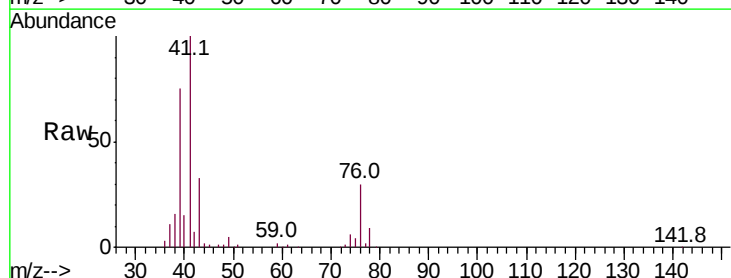
Tgt Ion: 41 Resp: 110535

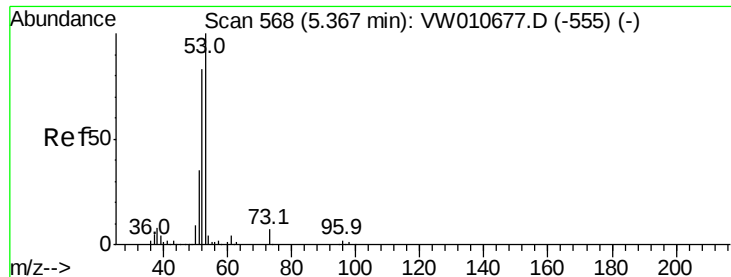
Ion Ratio Lower Upper

41 100

39 71.0 55.8 83.6

76 27.9 22.7 34.1





#15

Acrylonitrile

Concen: 103.650 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

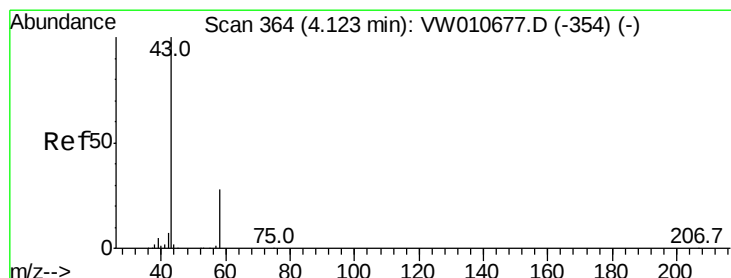
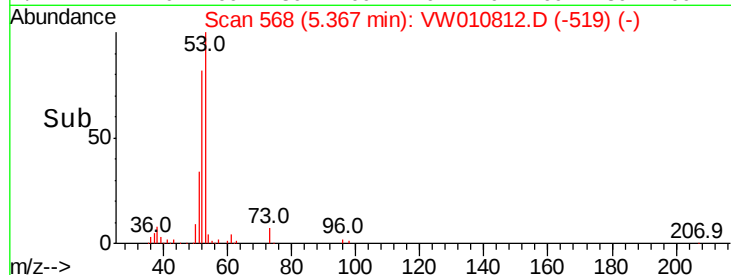
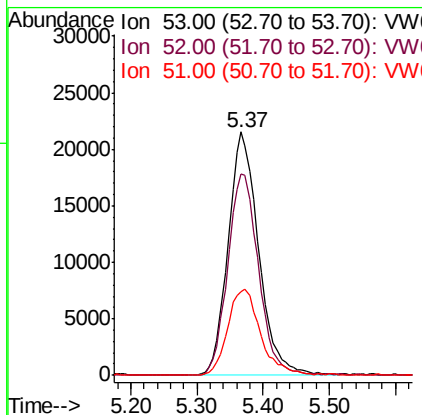
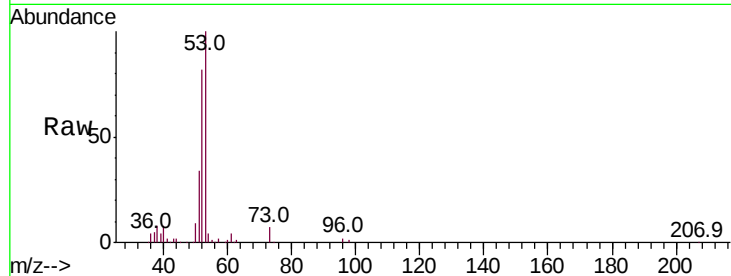
ClientSampleId :

VW0614SBS01

Tot Ion:	53	Resp:	68969
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.6	100.0
51	38.1	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 104.806 ug/l

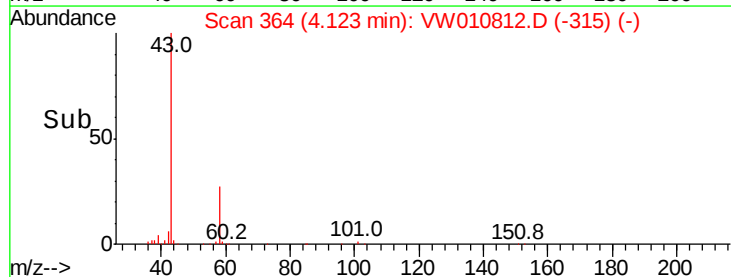
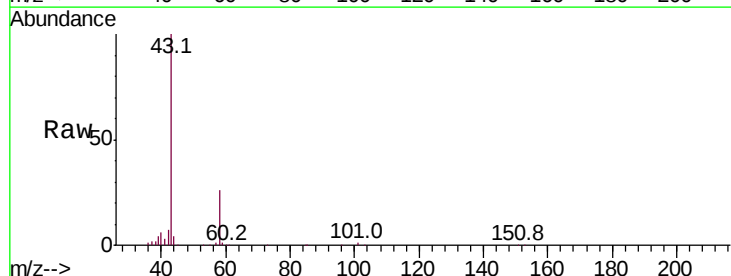
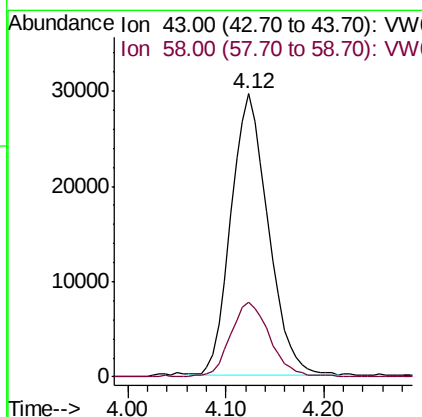
RT: 4.12 min Scan# 364

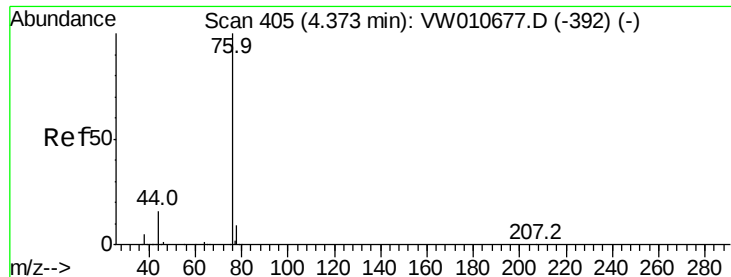
Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Tgt Ion:	43	Resp:	77800
Ion Ratio	Lower	Upper	
43	100		
58	26.4	22.1	33.1





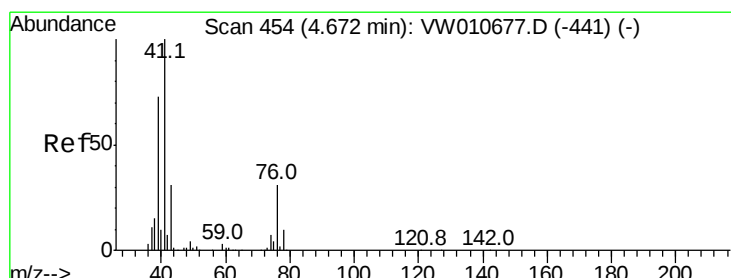
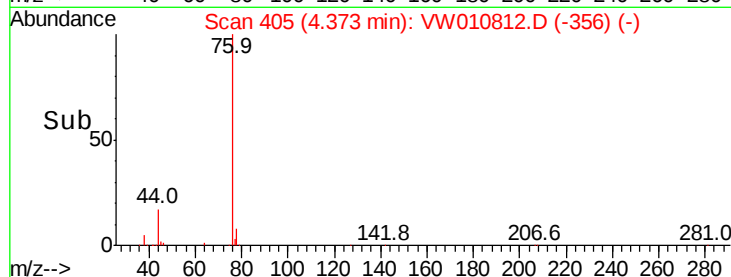
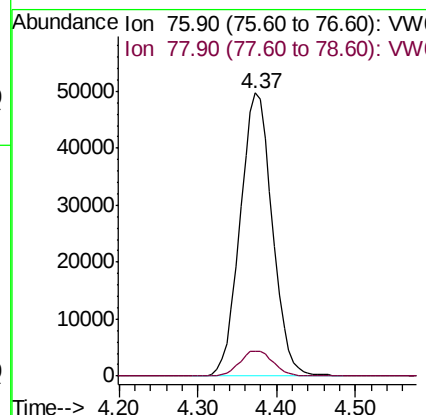
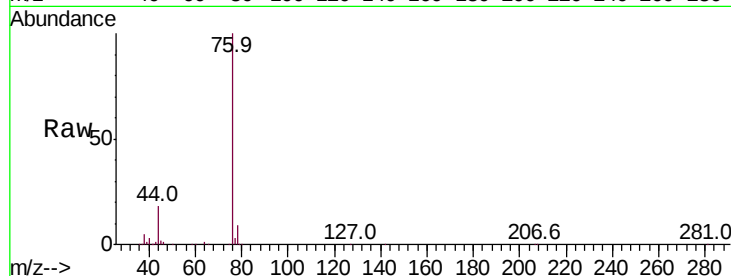
#17
Carbon Disulfide
Concen: 19.541 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

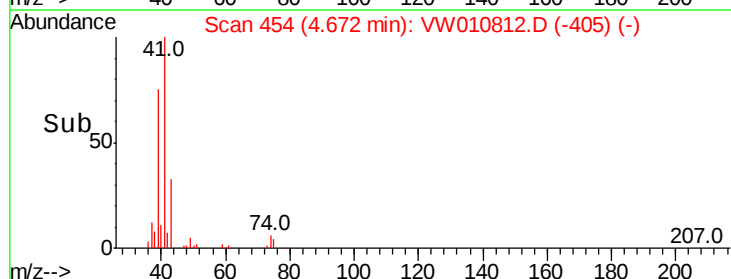
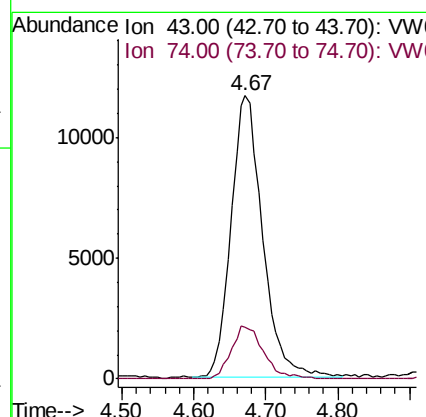
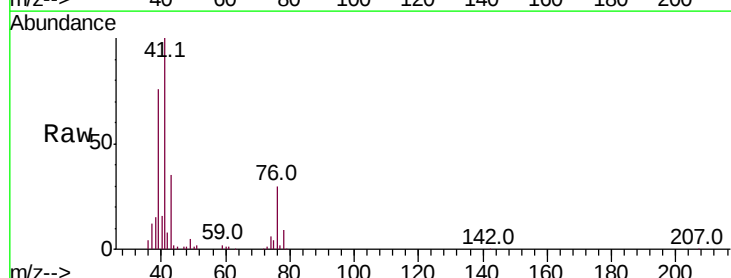
Manual Integrations
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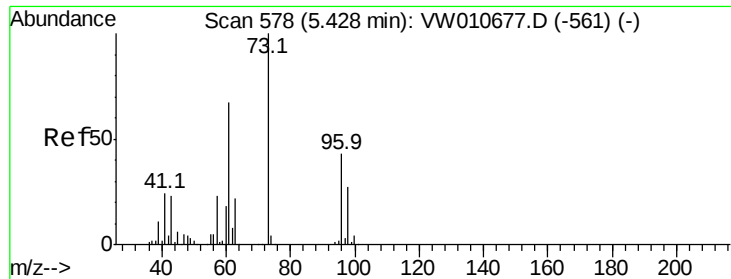
MMDadoda
6/17/2019 1:23:25 PM



#18
Methyl Acetate
Concen: 22.398 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.0	16.7	25.1





#19

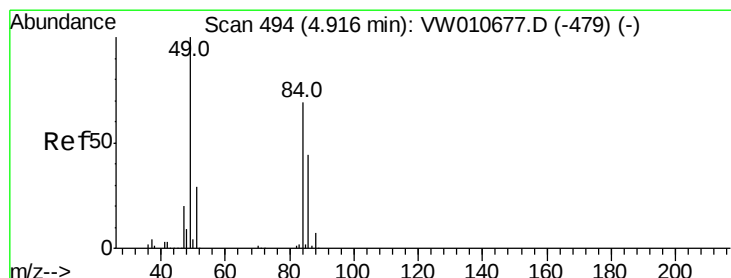
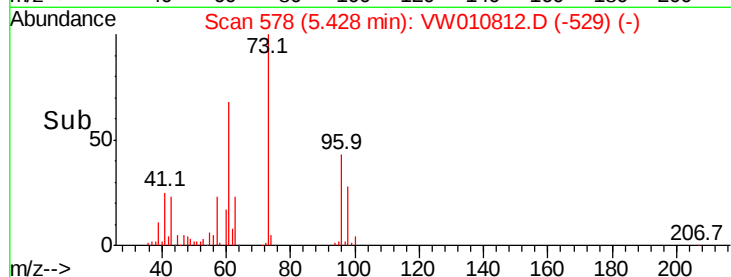
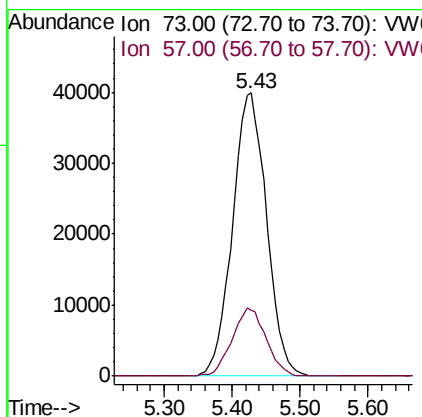
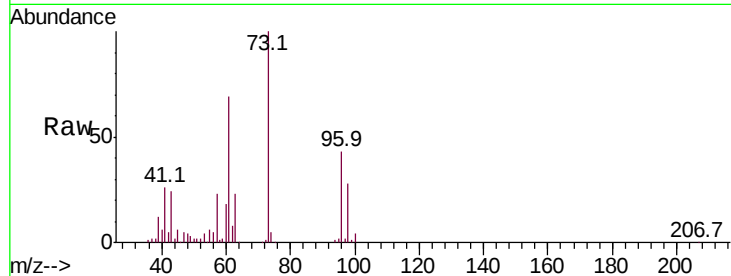
Methyl tert-butyl Ether
 Concen: 21.122 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Tot Ion: 73 Resp: 138472
 Ion Ratio Lower Upper
 73 100
 57 23.3 18.6 27.8

Manual Integrations
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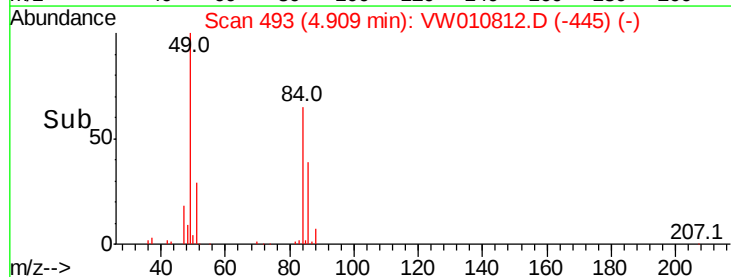
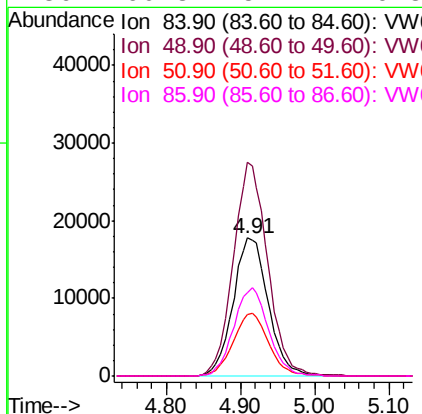
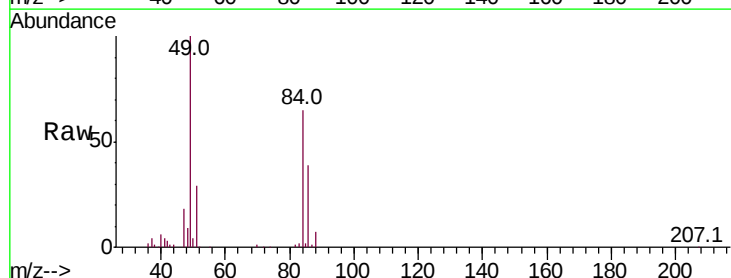
MMDadoda
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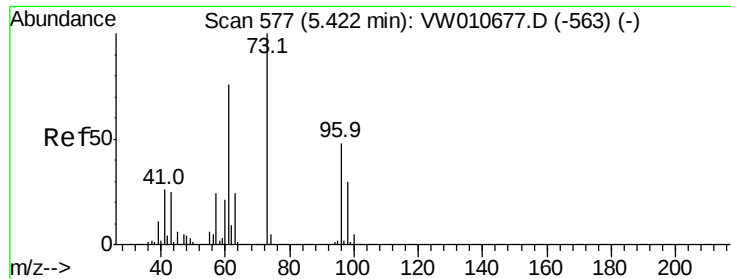


#20

Methylene Chloride
 Concen: 22.586 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion: 84 Resp: 58818
 Ion Ratio Lower Upper
 84 100
 49 154.5 116.7 175.1
 51 44.4 34.2 51.2
 86 60.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.132 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

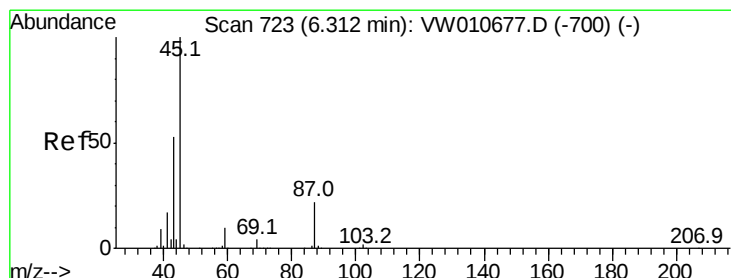
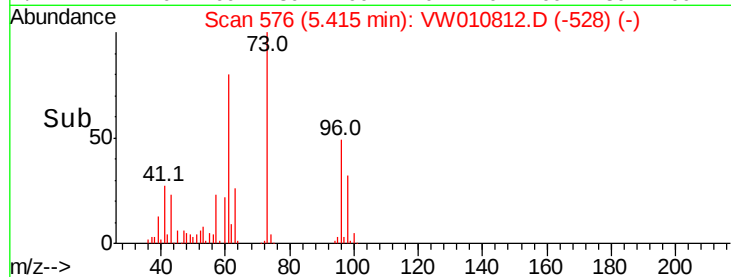
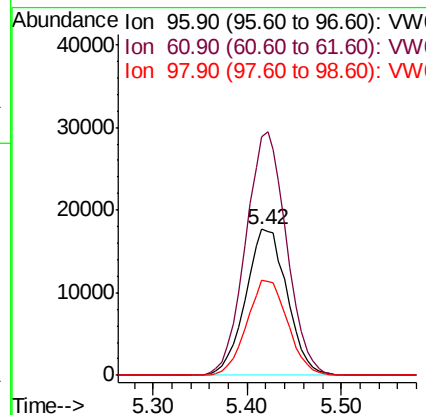
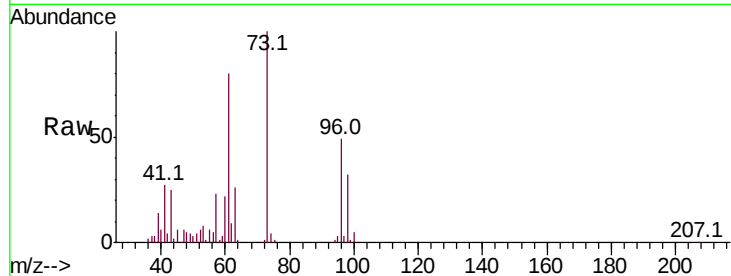
ClientSampleId :

VW0614SBSD01

Tot Ion:	96	Resp:	54528
Ion	Ratio	Lower	Upper
96	100		
61	163.6	126.0	189.0
98	64.9	49.6	74.4

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#22

Diisopropyl ether

Concen: 21.936 ug/l

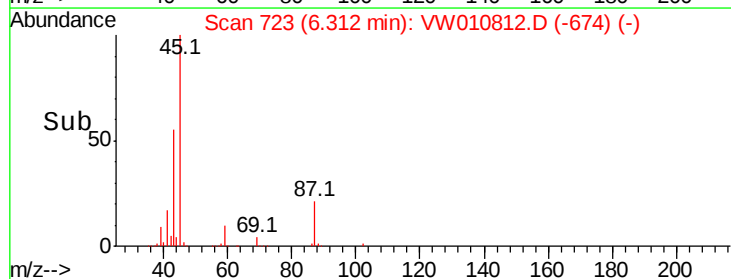
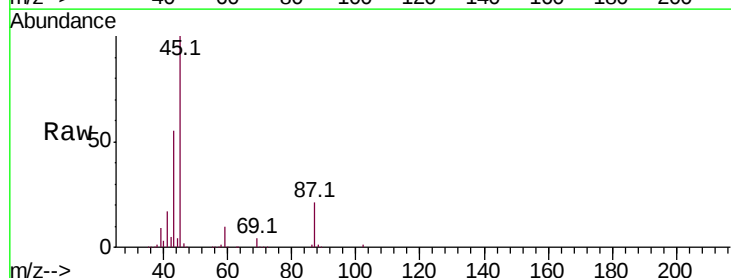
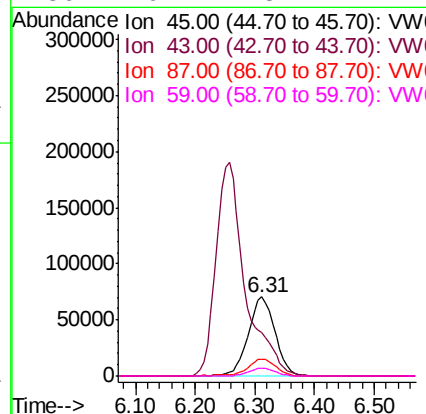
RT: 6.31 min Scan# 723

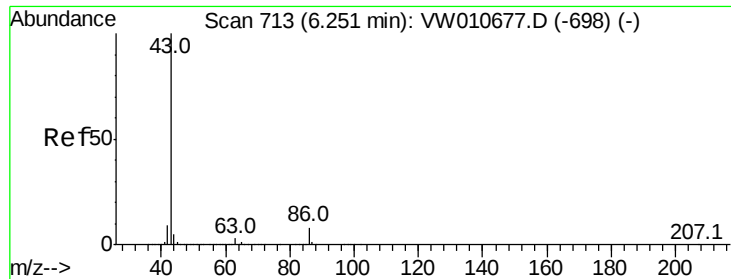
Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Tgt Ion:	45	Resp:	220102
Ion	Ratio	Lower	Upper
45	100		
43	54.0	42.5	63.7
87	20.7	17.4	26.2
59	10.1	8.1	12.1





#23

Vinyl Acetate

Concen: 106.172 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

Tot Ion: 43 Resp: 642923

Ion Ratio Lower Upper

43 100

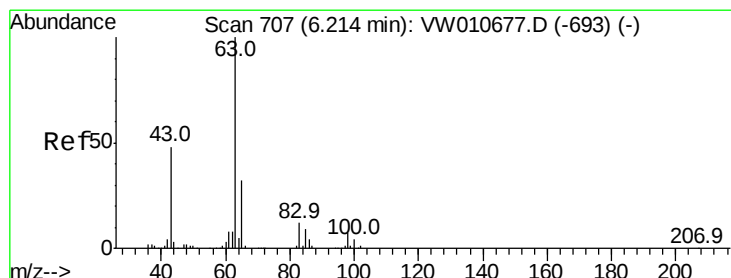
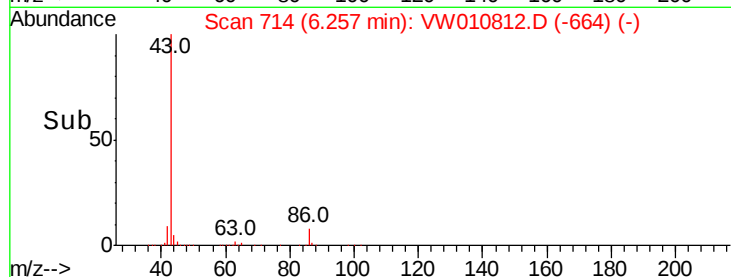
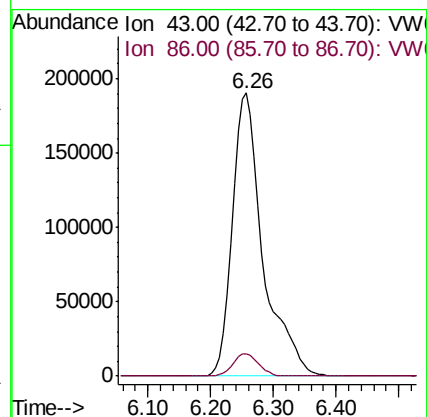
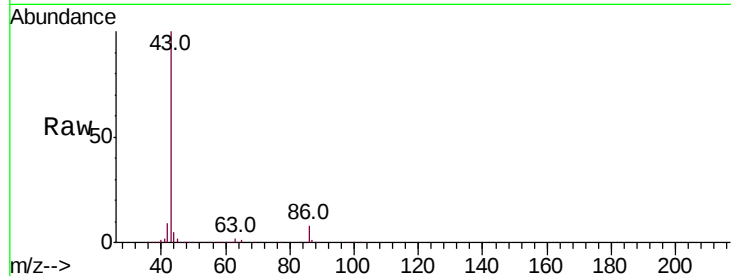
86 7.9 6.6 10.0

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#24

1,1-Dichloroethane

Concen: 21.928 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

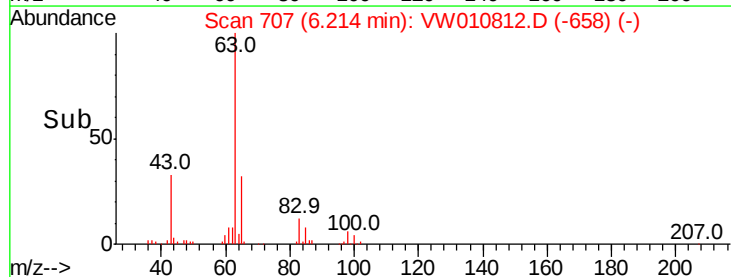
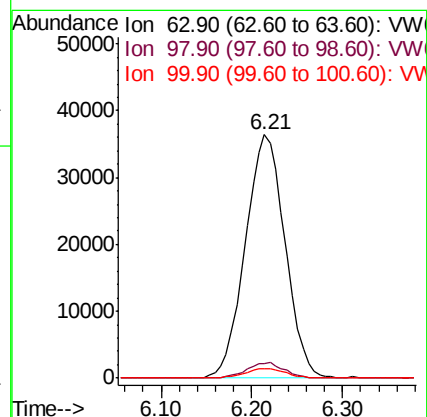
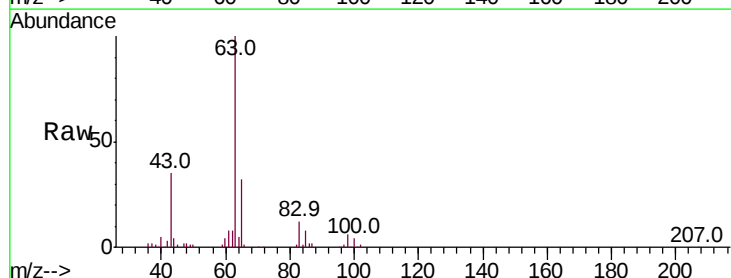
Tgt Ion: 63 Resp: 110263

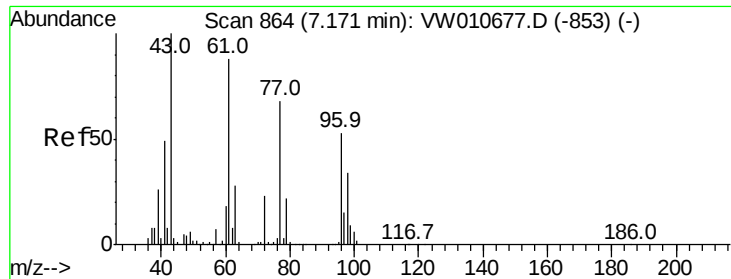
Ion Ratio Lower Upper

63 100

98 5.8 3.4 10.2

100 3.6 2.1 6.3





#25

2-Butanone

Concen: 107.807 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

Tot Ion: 43 Resp: 110970

Ion Ratio Lower Upper

43 100

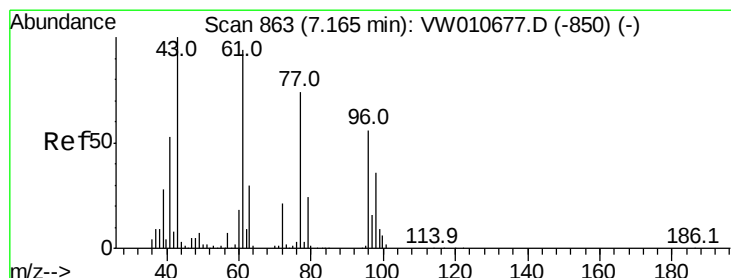
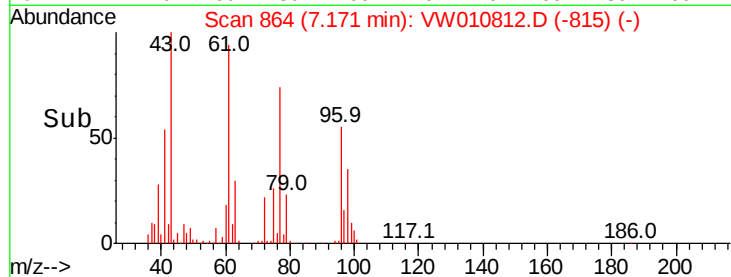
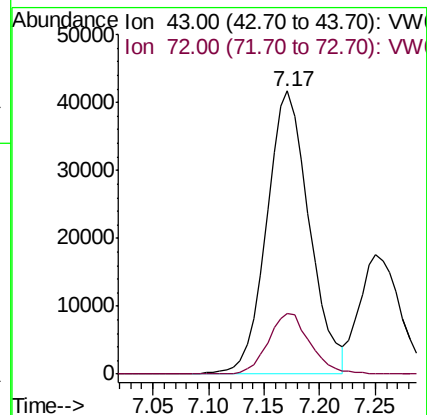
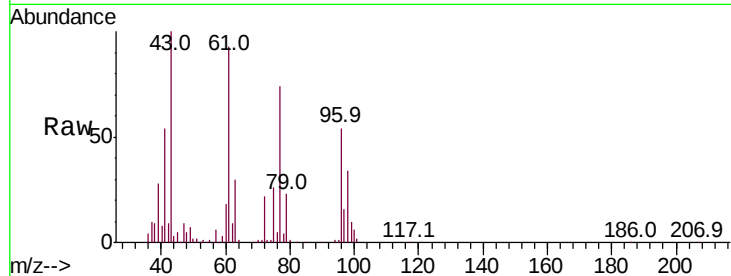
72 21.6 18.1 27.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 23.316 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010812.D

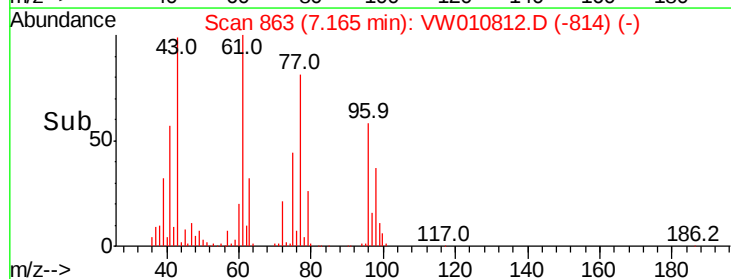
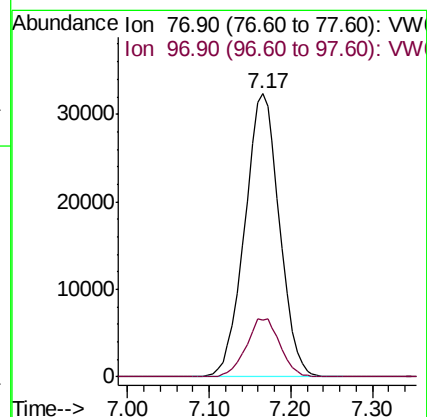
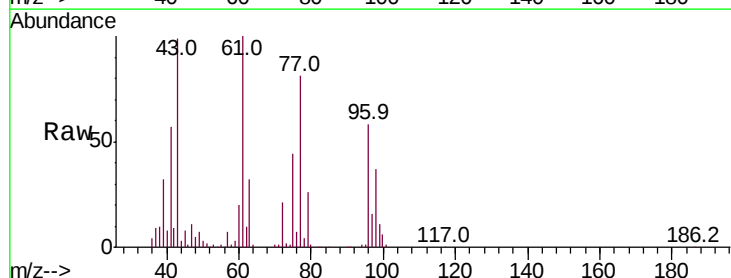
Acq: 14 Jun 2019 14:15

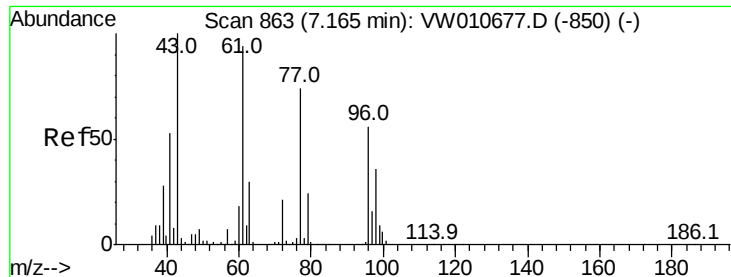
Tgt Ion: 77 Resp: 95405

Ion Ratio Lower Upper

77 100

97 20.1 10.5 31.6





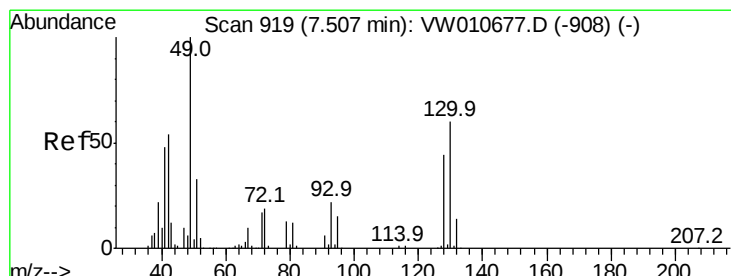
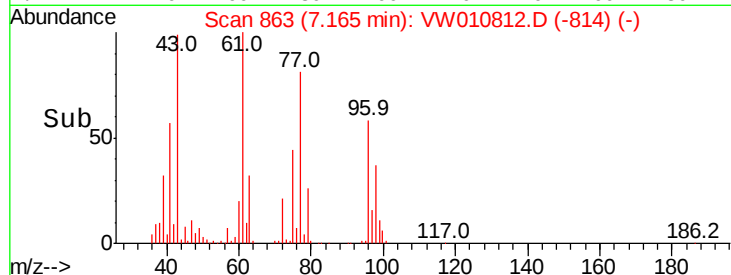
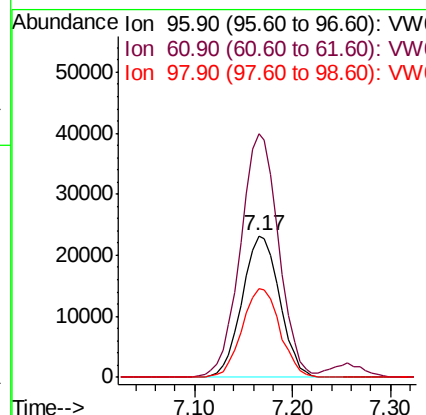
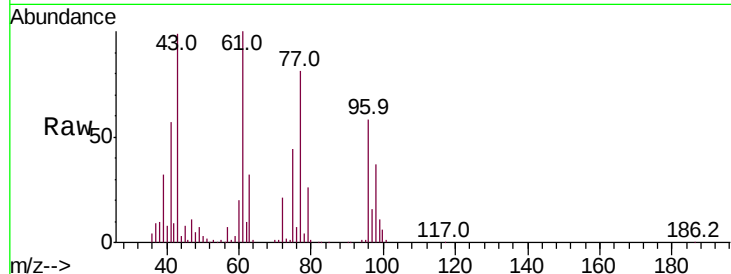
#27
 cis-1,2-Dichloroethene
 Concen: 21.737 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0614SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	175.4	0.0	336.4
98	63.1	0.0	128.0

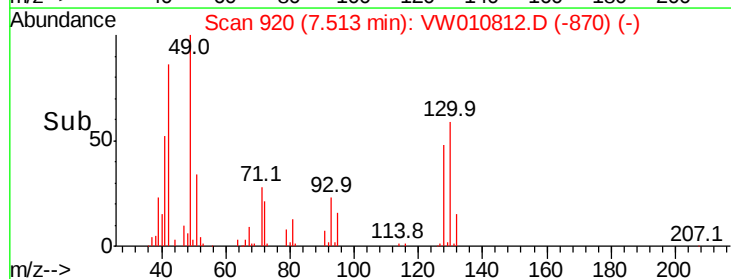
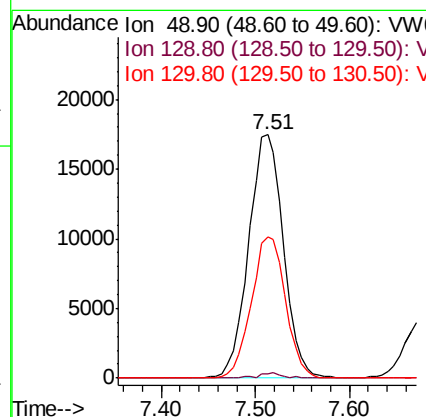
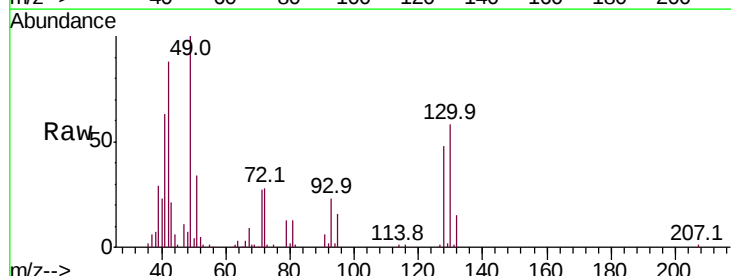
Manual Integrations
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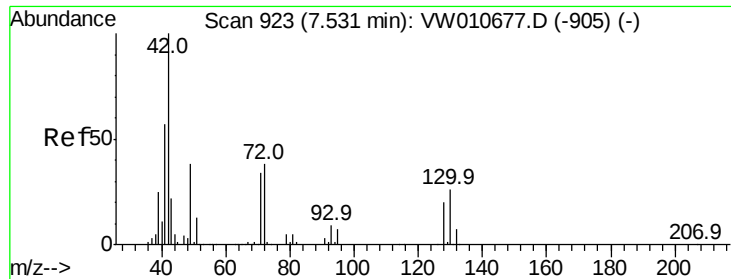
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#28
 Bromochloromethane
 Concen: 20.001 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.2
130	57.3	48.3	72.5





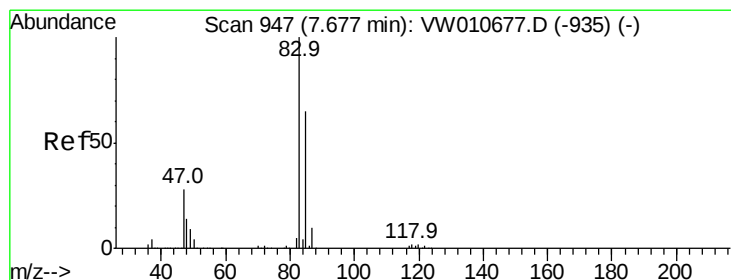
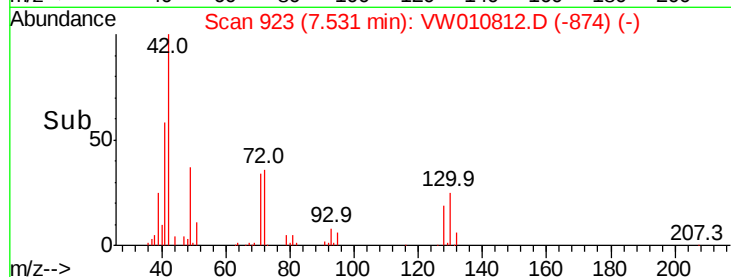
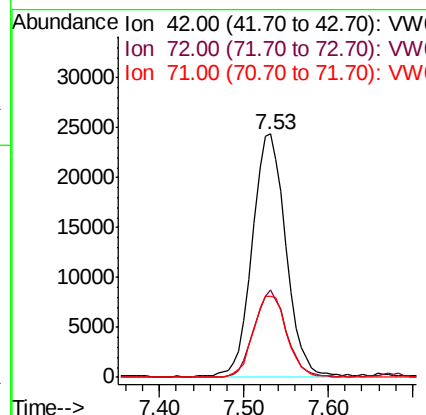
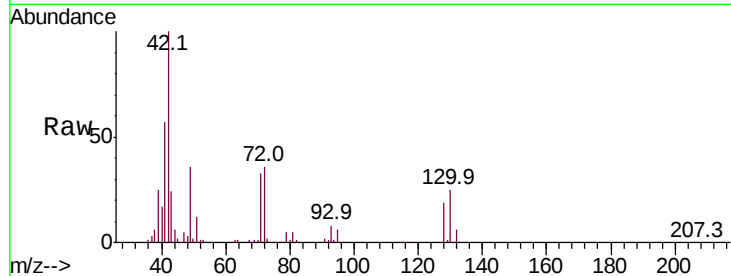
#29
Tetrahydrofuran
Concen: 101.731 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.4	28.7	43.1
71	34.1	26.6	39.8

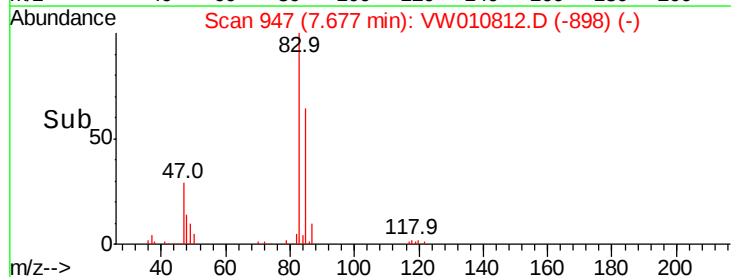
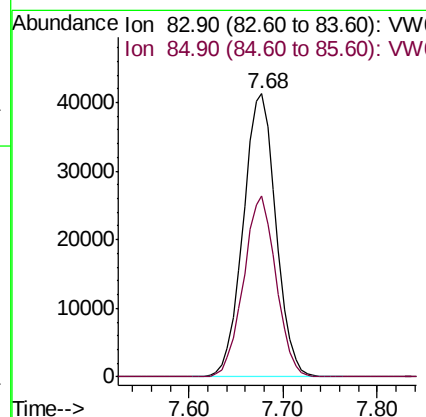
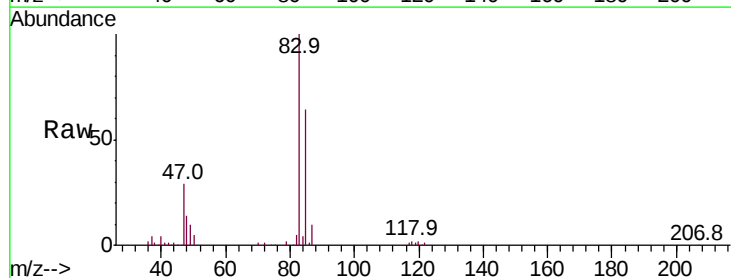
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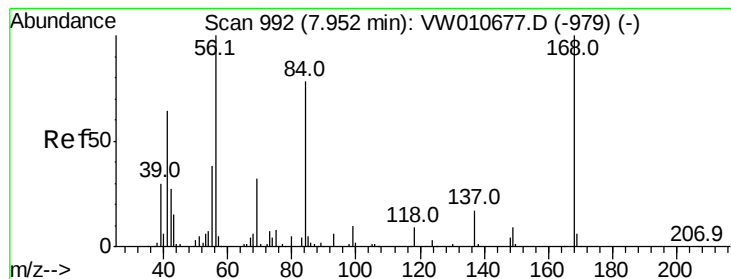
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#30
Chloroform
Concen: 21.771 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.8	77.8





#31

Cyclohexane

Concen: 20.934 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

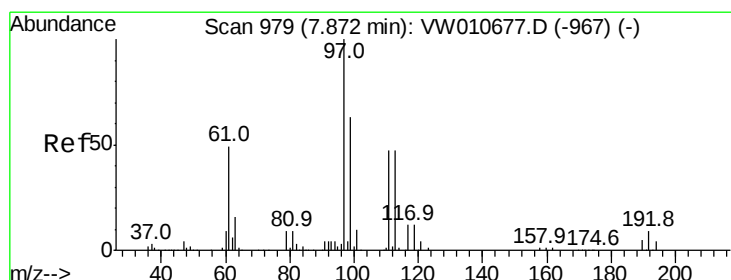
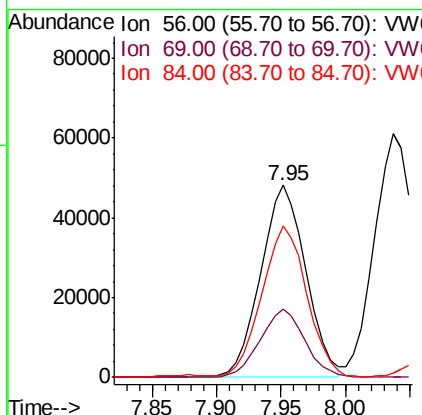
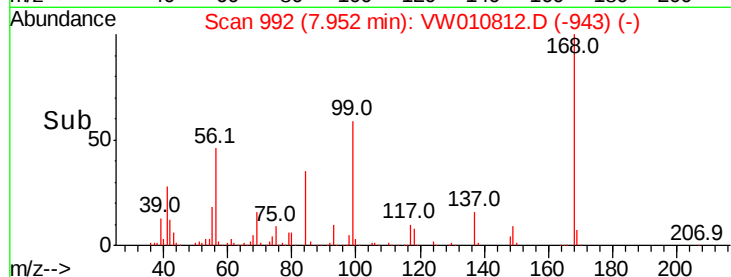
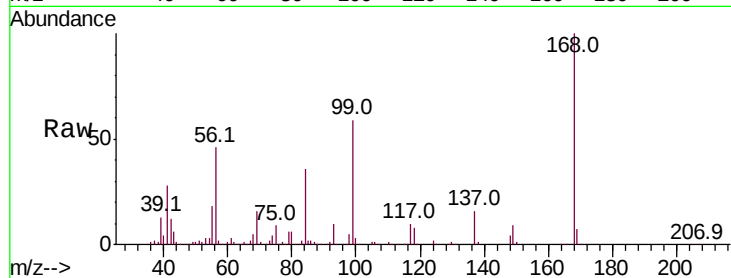
ClientSampleId :

VW0614SBSD01

Tot Ion:	56	Resp:	117015
Ion Ratio	Lower	Upper	
56	100		
69	35.3	25.2	37.8
84	77.4	62.2	93.2

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#32

1,1,1-Trichloroethane

Concen: 22.022 ug/l

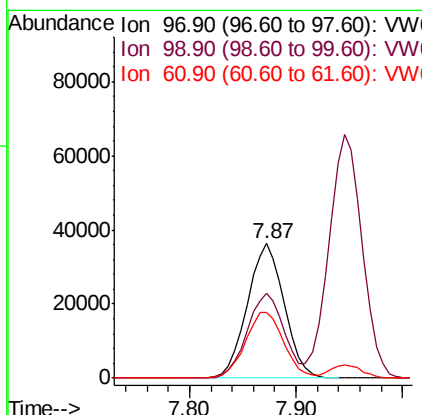
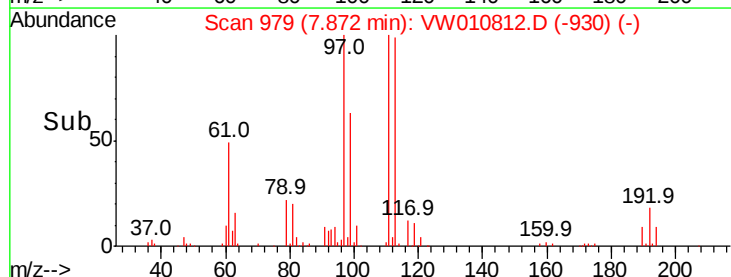
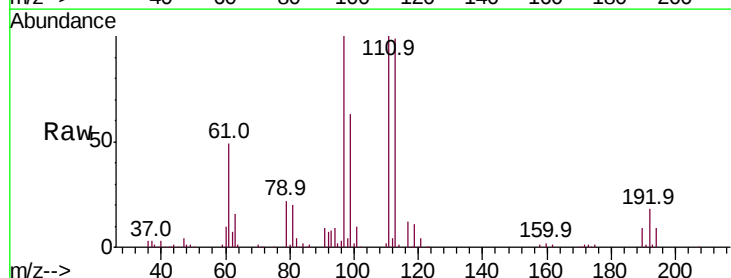
RT: 7.87 min Scan# 979

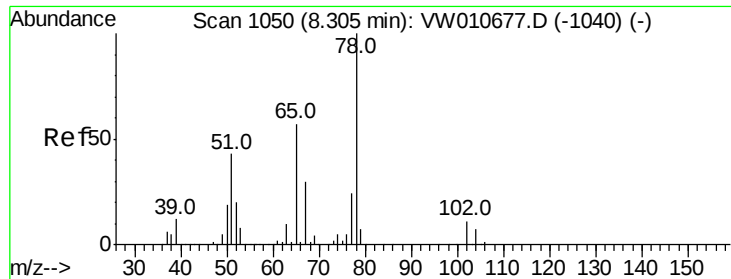
Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Tgt Ion:	97	Resp:	88480
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.3	76.9
61	51.0	40.4	60.6





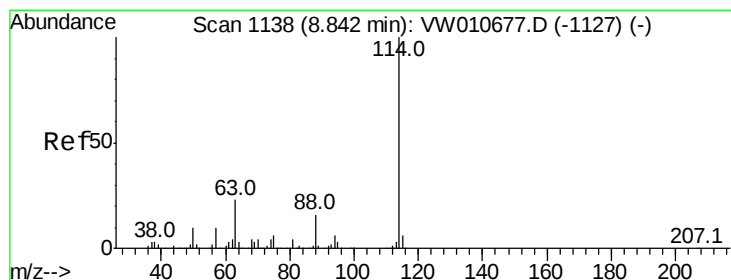
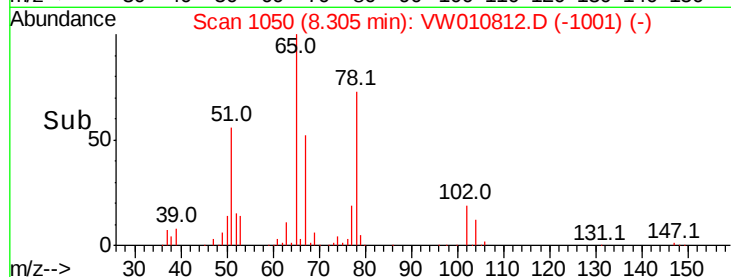
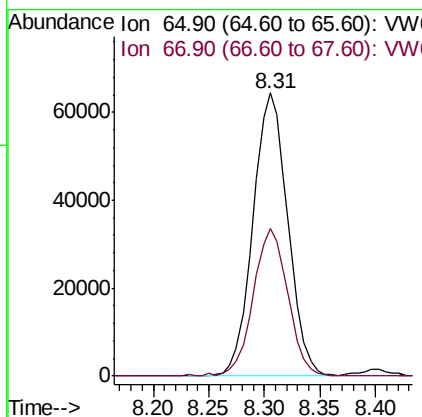
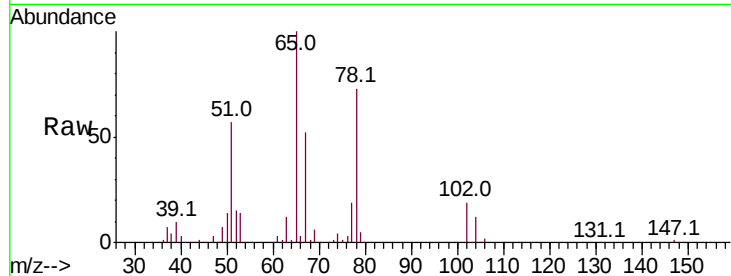
#33
 1,2-Dichloroethane-d4
 Concen: 50.715 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.0	0.0	102.6	

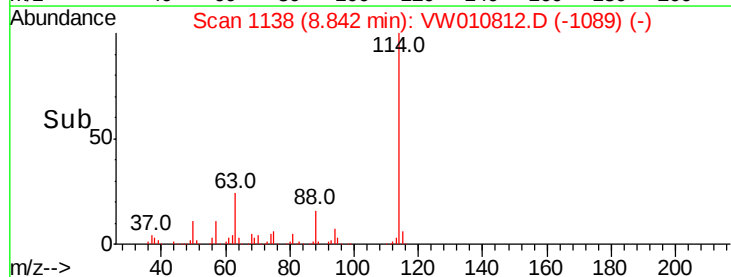
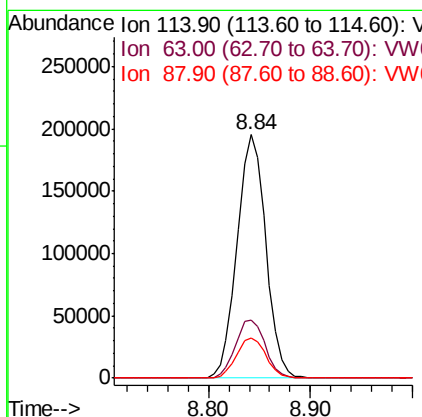
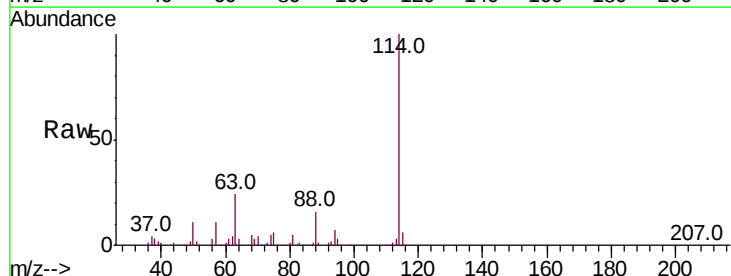
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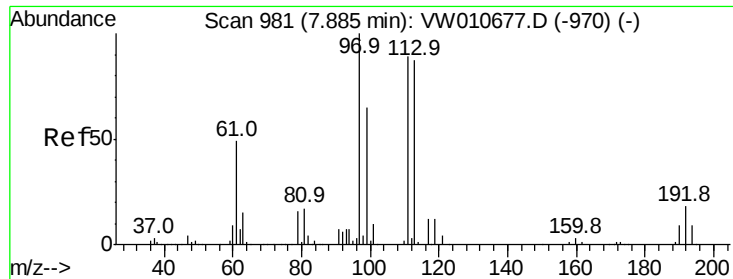
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.9	0.0	46.4	
88	16.2	0.0	32.2	





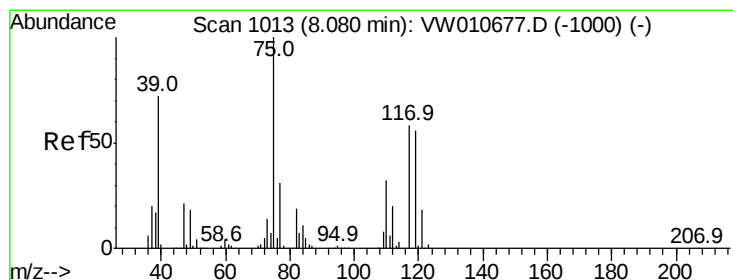
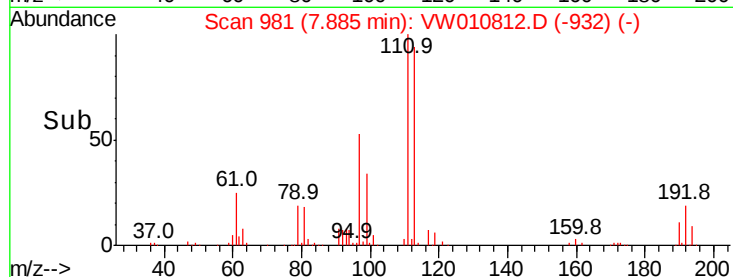
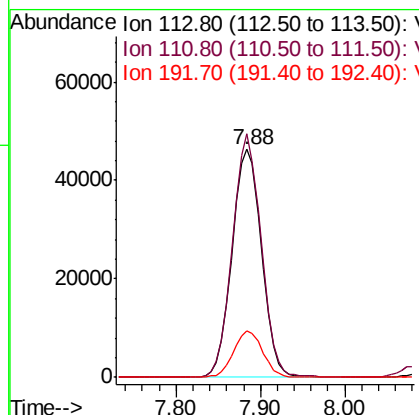
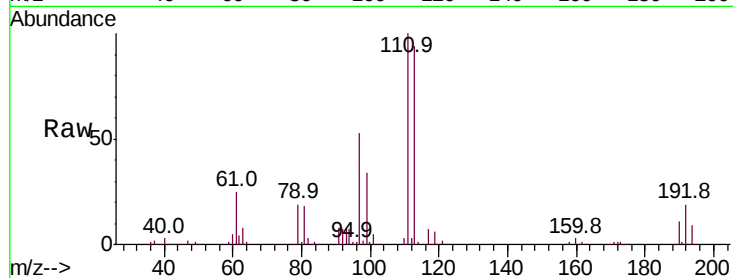
#35
 Dibromofluoromethane
 Concen: 53.126 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109855		
111	103.5	82.6	123.8	
192	19.9	16.4	24.6	

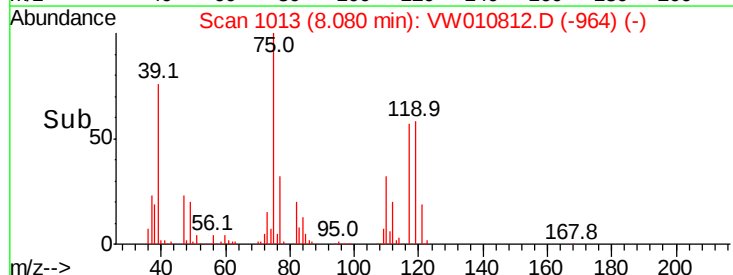
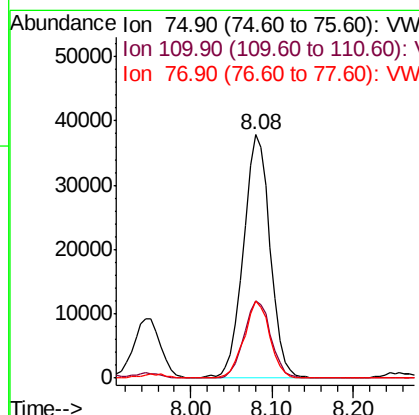
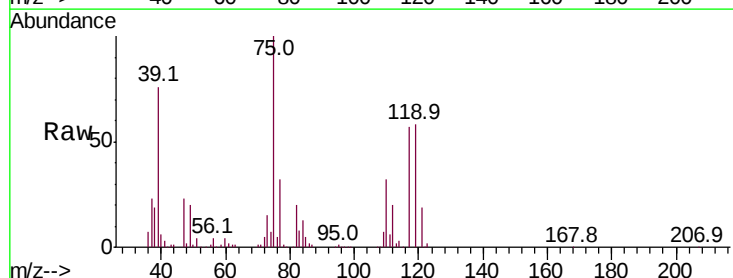
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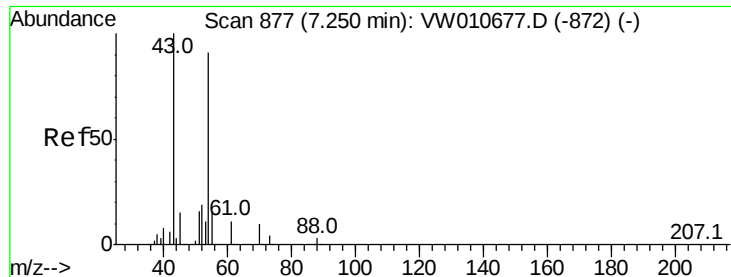
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#36
 1,1-Dichloropropene
 Concen: 21.892 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	85372		
110	32.0	15.8	47.3	
77	30.9	24.7	37.1	





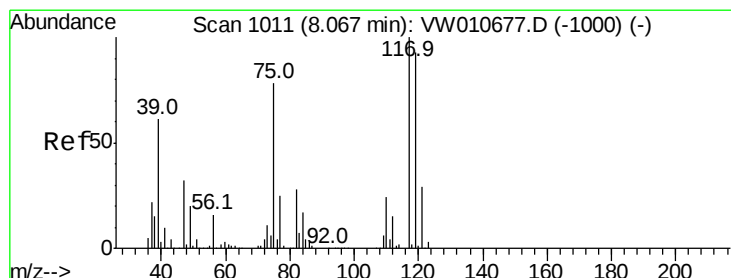
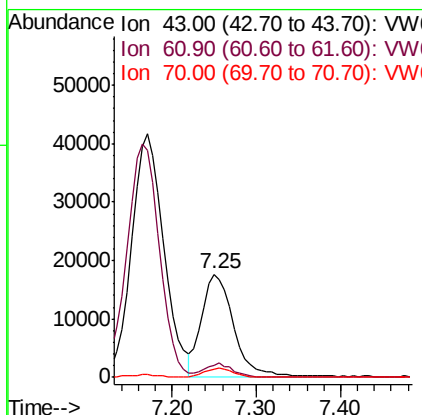
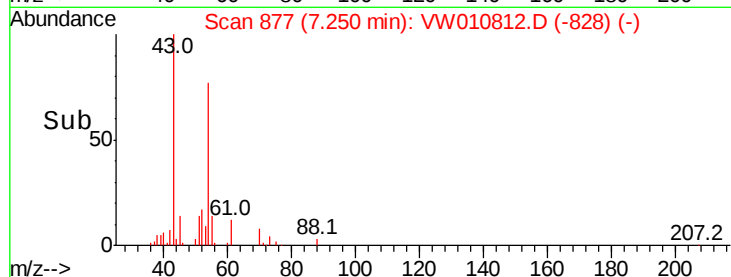
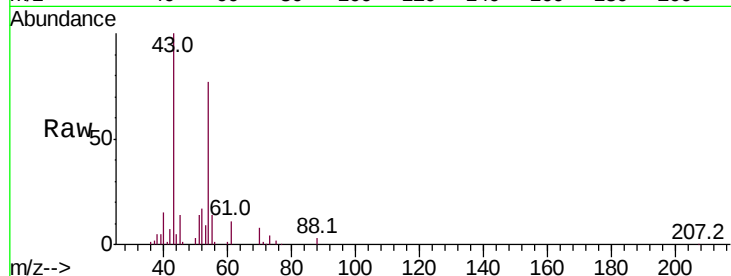
#37
Ethyl Acetate
Concen: 21.262 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleID :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.7	14.5
70	8.7	7.2	10.8

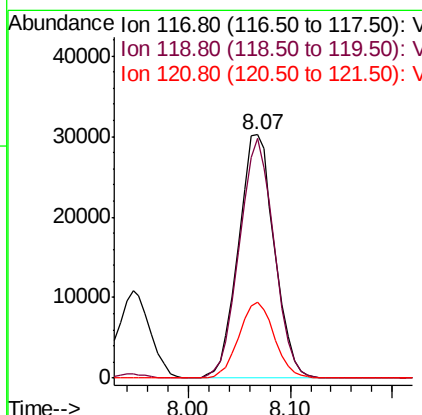
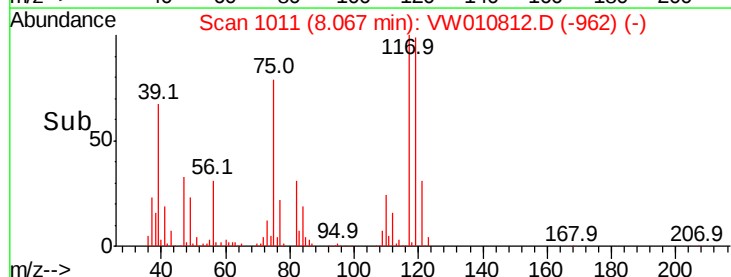
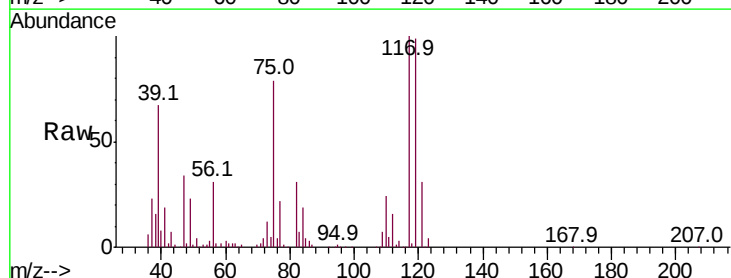
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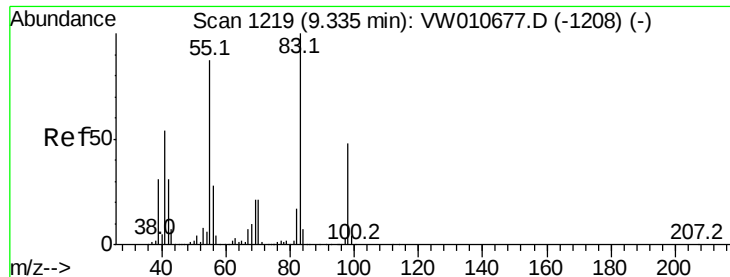
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#38
Carbon Tetrachloride
Concen: 21.994 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	74.2	111.4
121	31.1	22.9	34.3





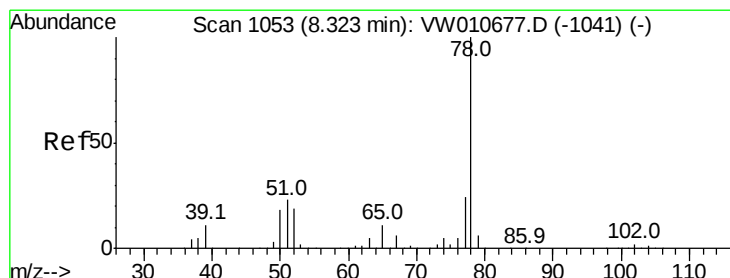
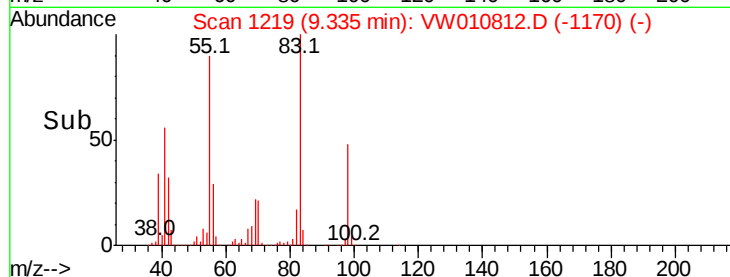
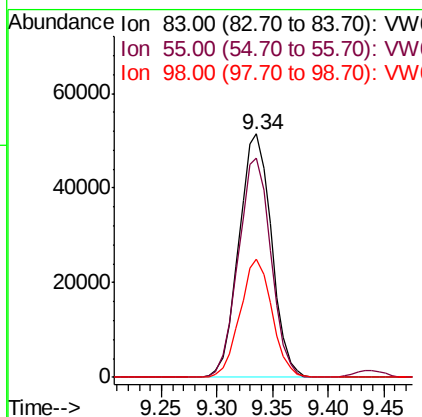
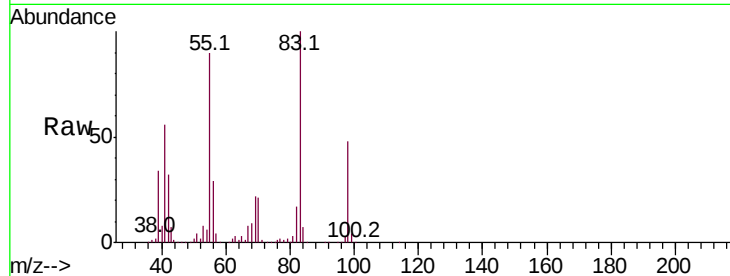
#39
Methvlcvclohexane
Concen: 21.108 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.1	70.0	105.0
98	48.5	38.1	57.1

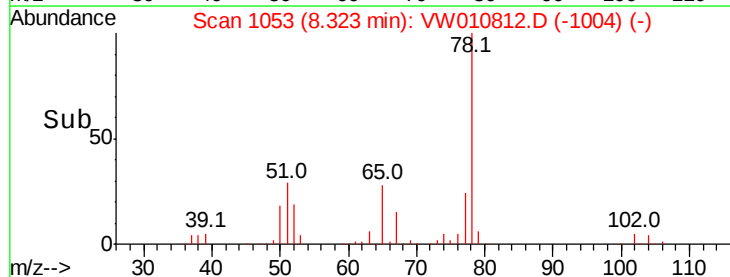
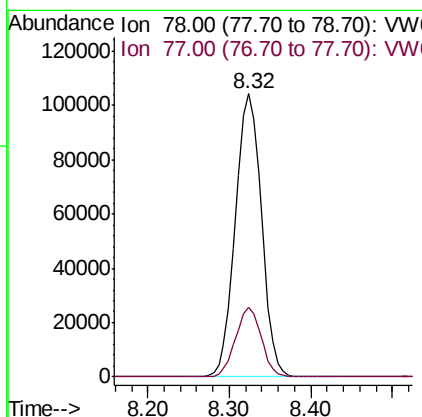
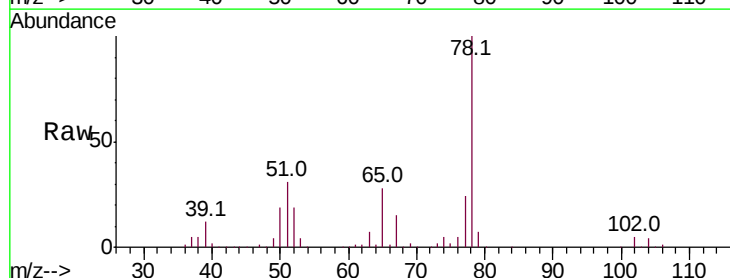
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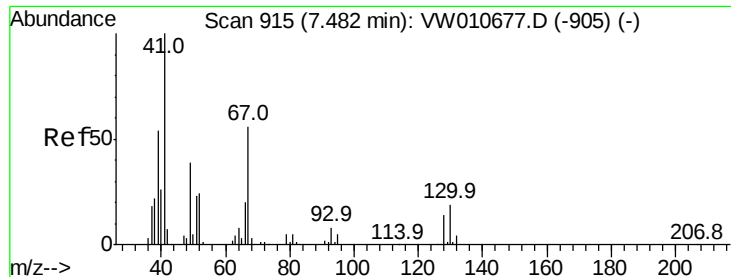
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#40
Benzene
Concen: 21.644 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7





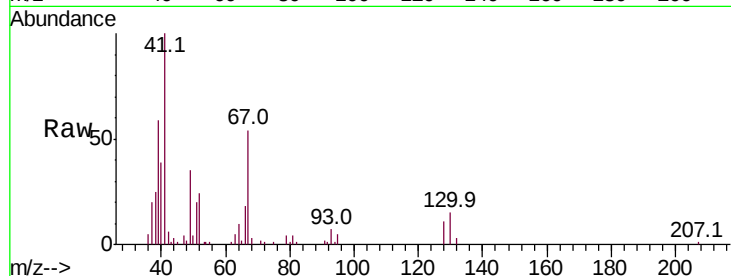
#41
Methacrylonitrile
Concen: 20.378 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

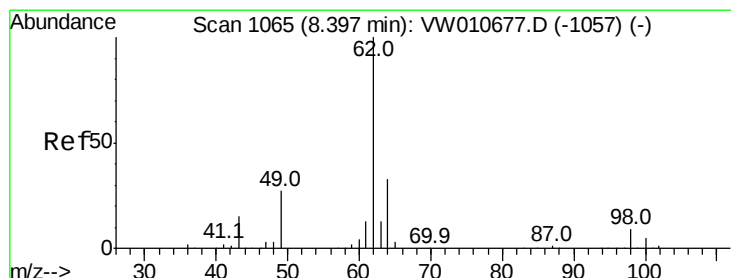
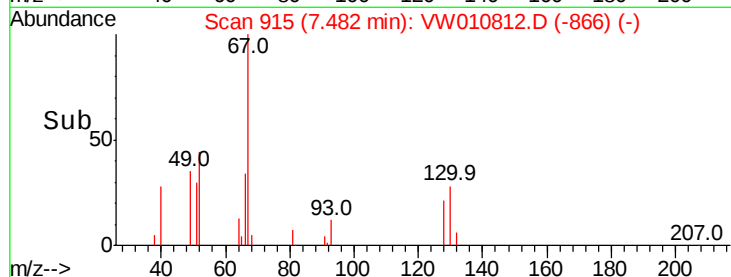
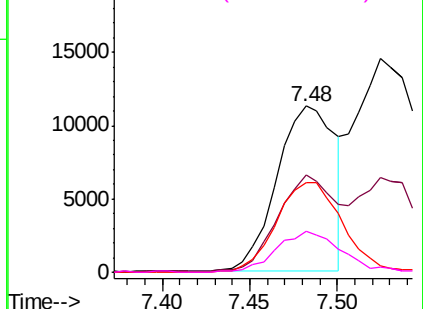
Tot Ion	Ratio	Lower	Upper
41	100		
39	61.4	47.3	70.9
67	62.5	47.2	70.8
52	27.6	21.3	31.9

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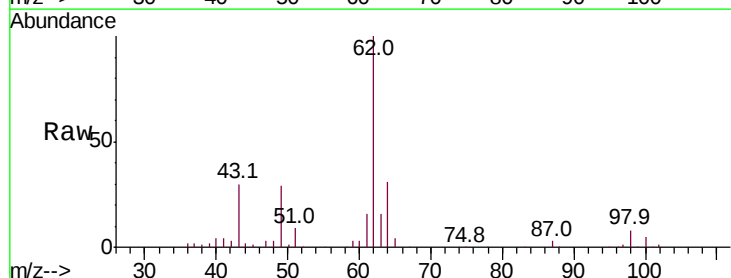


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

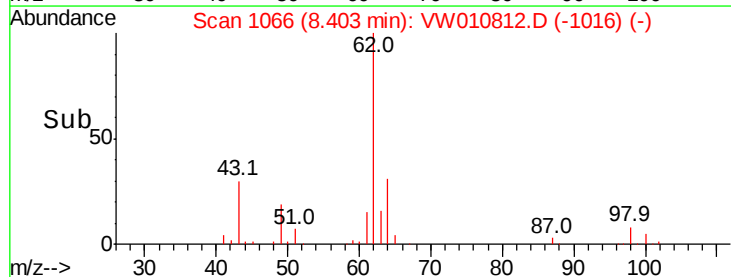
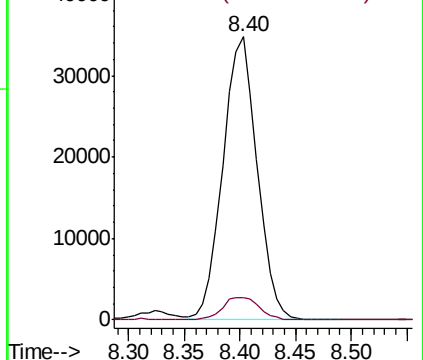


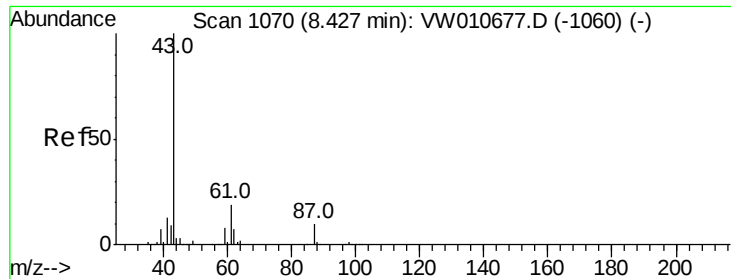
#42
1,2-Dichloroethane
Concen: 21.994 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2



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





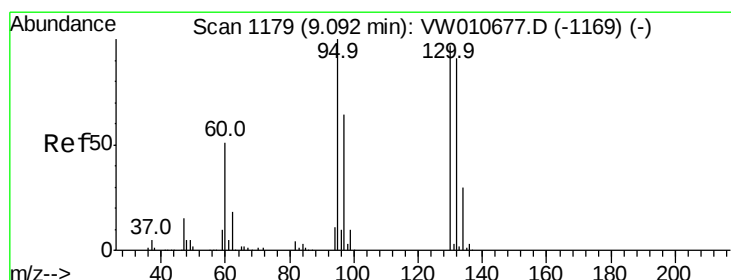
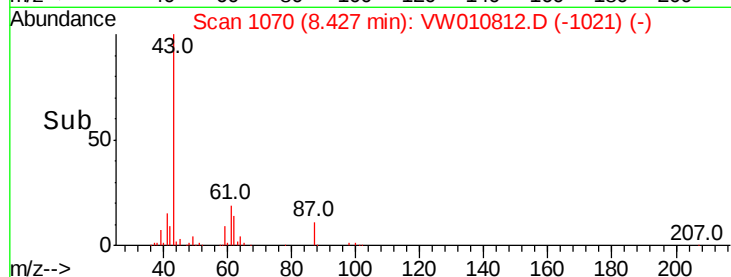
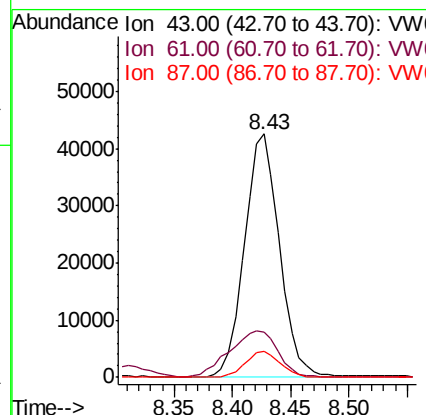
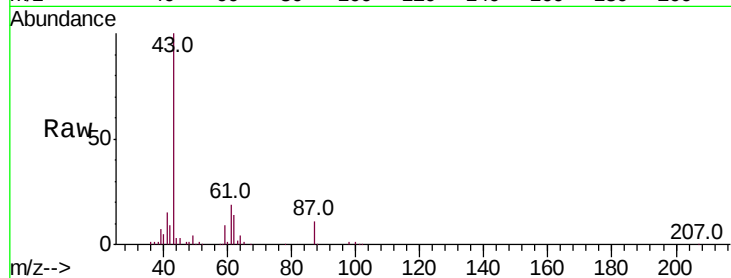
#43
Isopropyl Acetate
Concen: 21.203 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.8	21.2	31.8
87	10.6	8.3	12.5

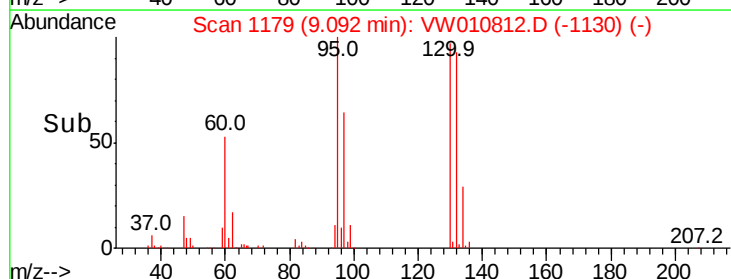
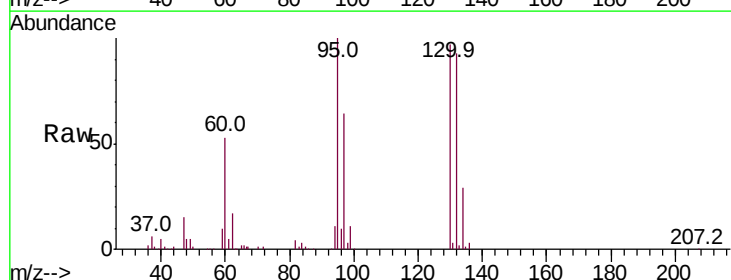
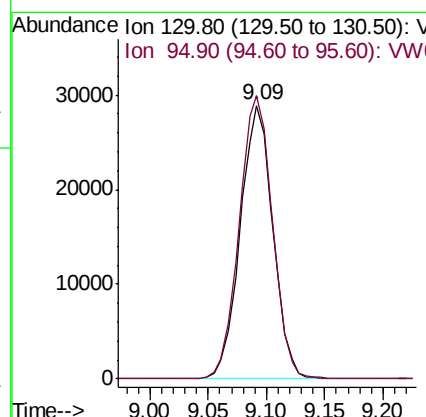
Manual Integrations
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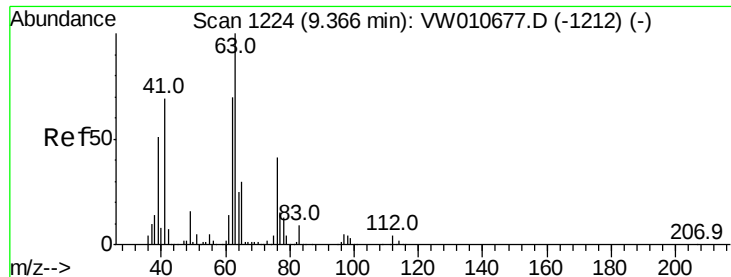
MMDadoda
6/17/2019 1:23:25 PM



#44
Trichloroethene
Concen: 21.501 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	207.0





#45

1,2-Dichloropropane

Concen: 21.880 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

Tot Ion: 63 Resp: 61616

Ion Ratio Lower Upper

63 100

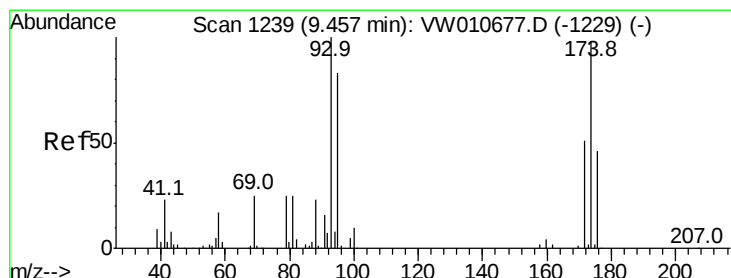
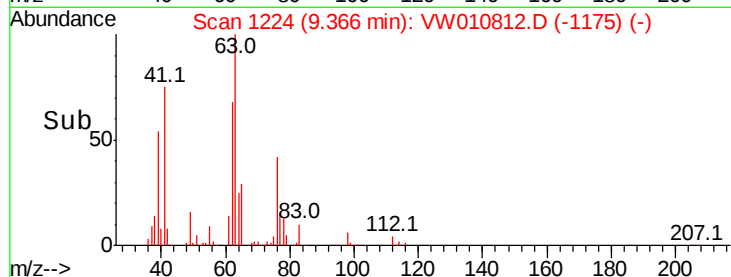
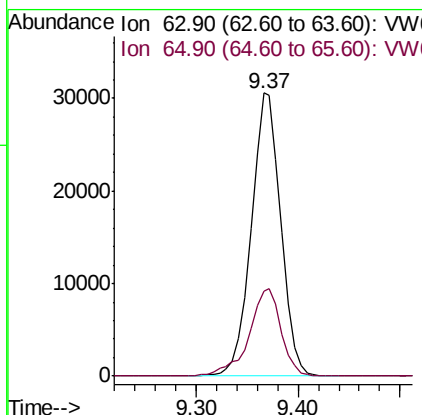
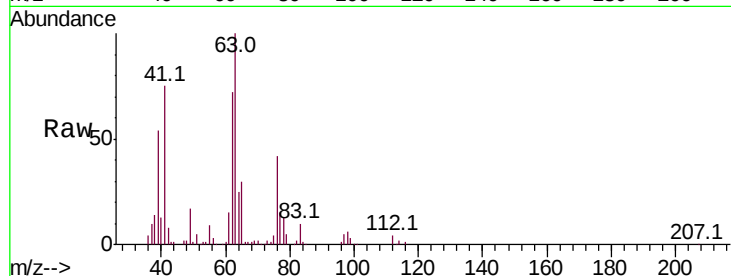
65 29.9 23.8 35.6

Manual Integrations

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#46

Dibromomethane

Concen: 21.485 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

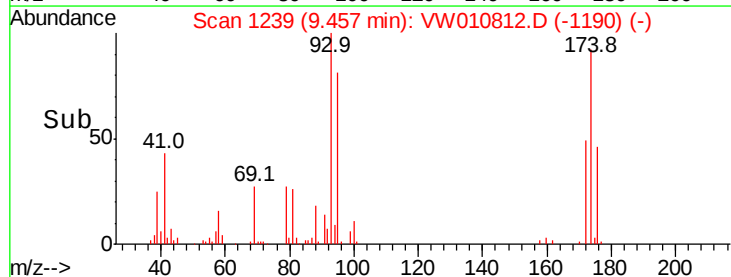
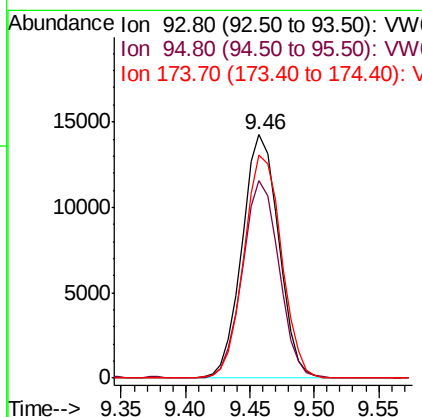
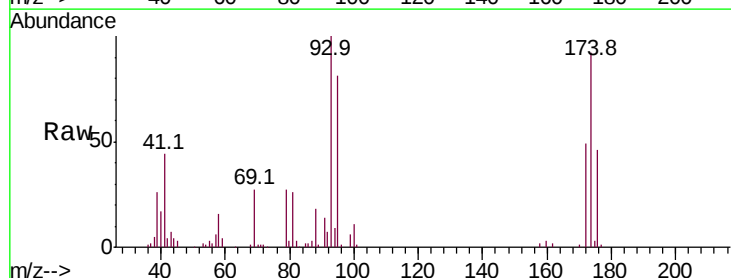
Tgt Ion: 93 Resp: 28103

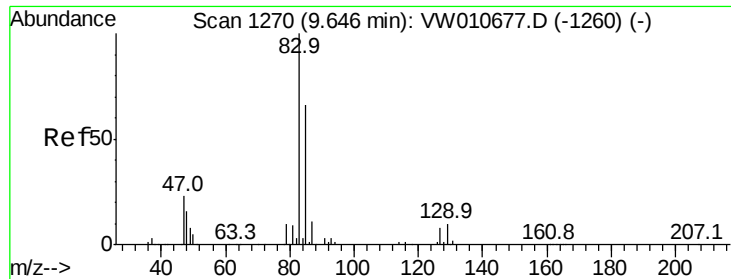
Ion Ratio Lower Upper

93 100

95 80.6 65.8 98.8

174 93.6 77.4 116.0





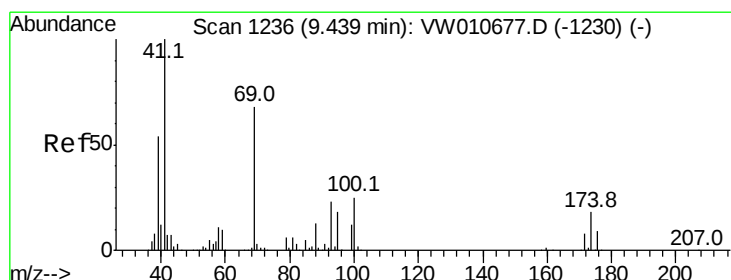
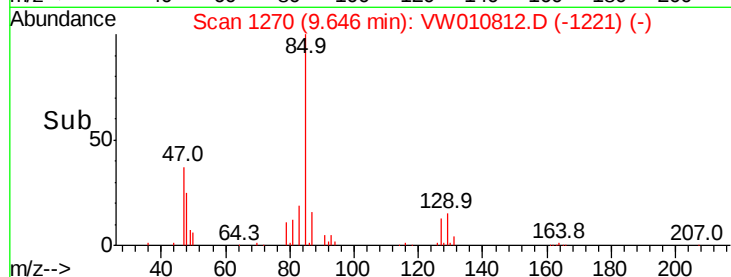
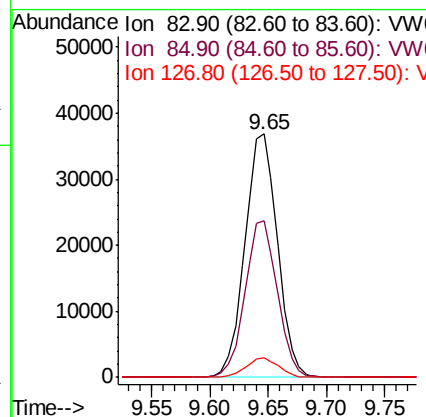
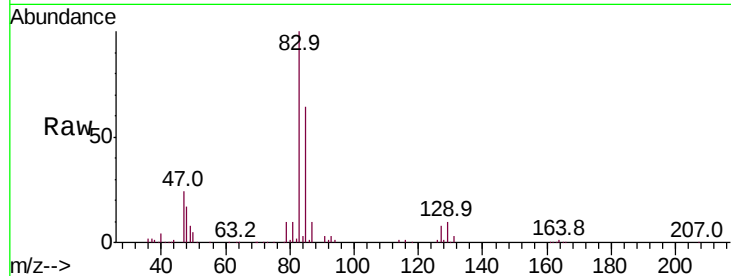
#47
Bromodichloromethane
Concen: 21.202 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.5	53.0	79.4	
127	8.1	6.4	9.6	

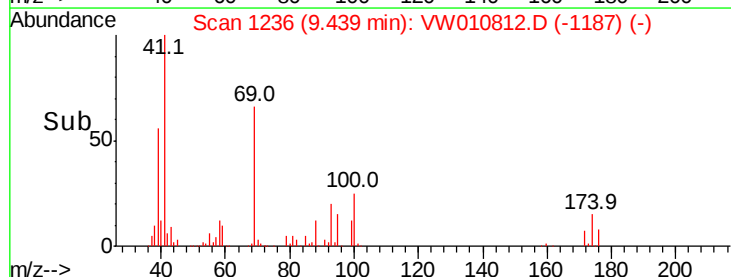
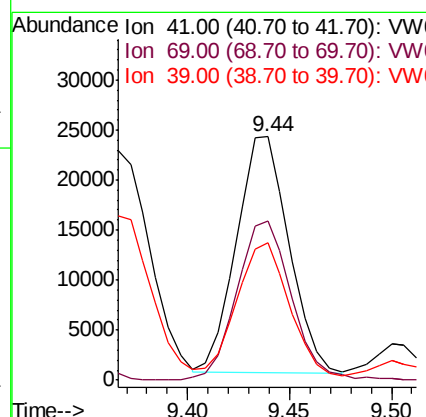
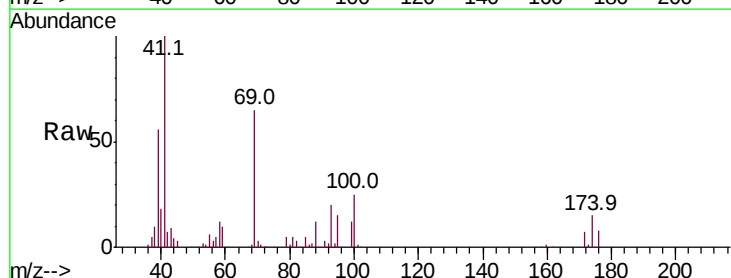
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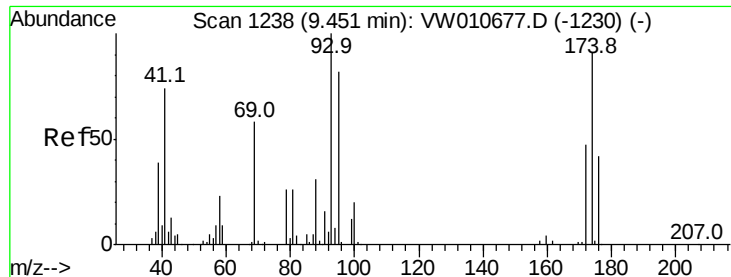
MMDadoda
6/17/2019 1:23:25 PM



#48
Methyl methacrylate
Concen: 20.977 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	70.3	56.6	85.0	
39	59.9	44.4	66.6	





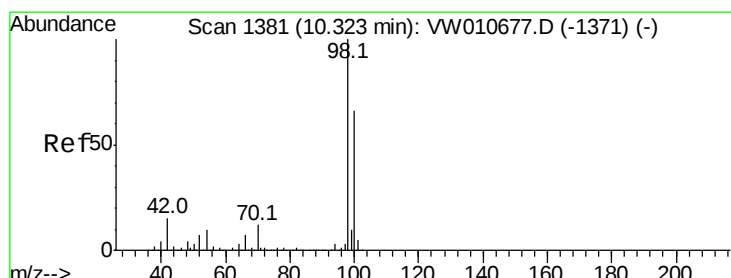
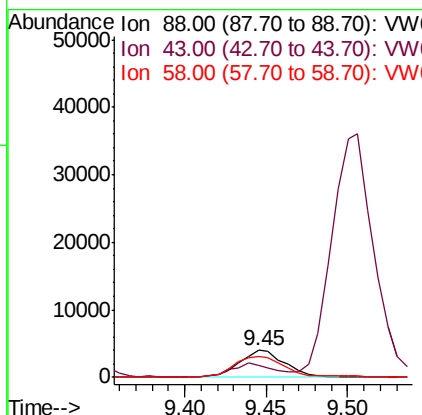
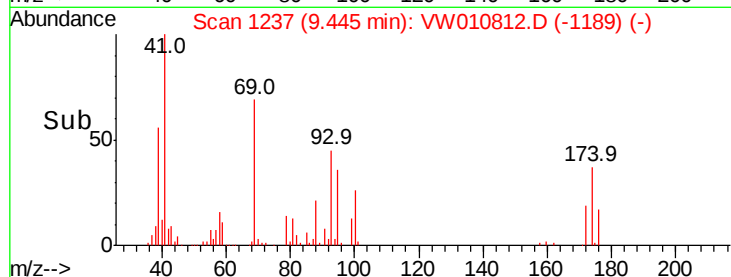
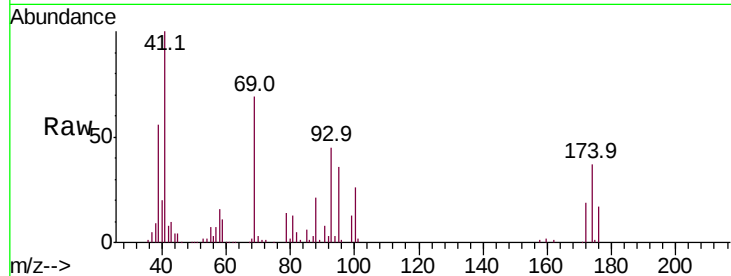
#49
1,4-Dioxane
Concen: 378.184 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion: 88 Resp: 7734
Ion Ratio Lower Upper
88 100
43 49.1 34.2 51.4
58 86.7 69.0 103.4

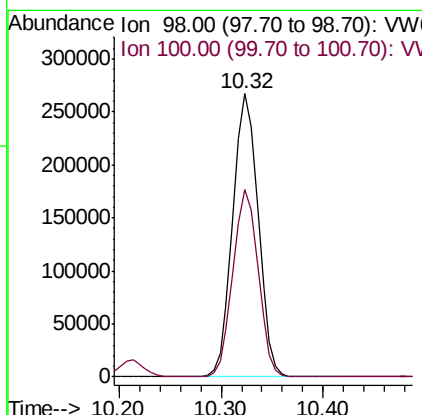
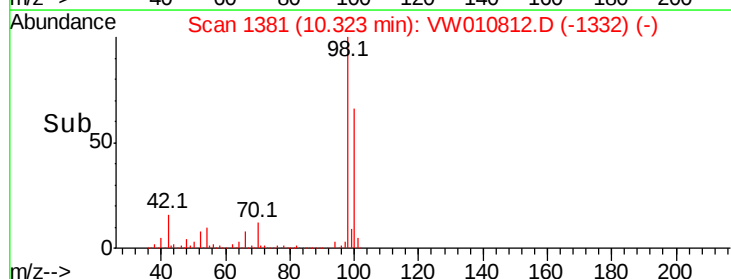
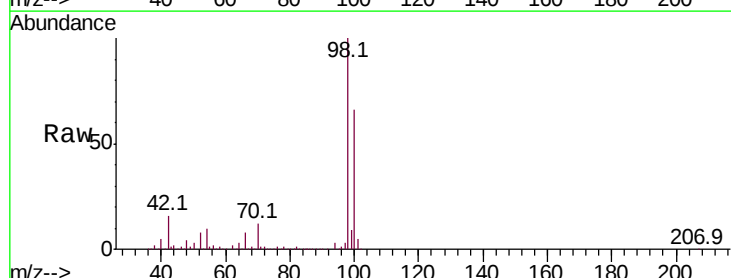
Manual Integrations
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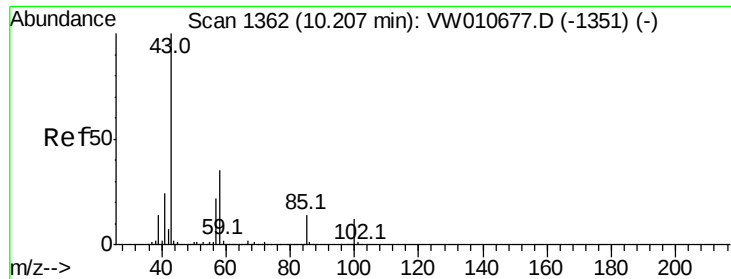
MMDadoda
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#50
Toluene-d8
Concen: 50.811 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion: 98 Resp: 460734
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 106.556 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

Tot Ion: 43 Resp: 227263

Ion Ratio Lower Upper

43 100

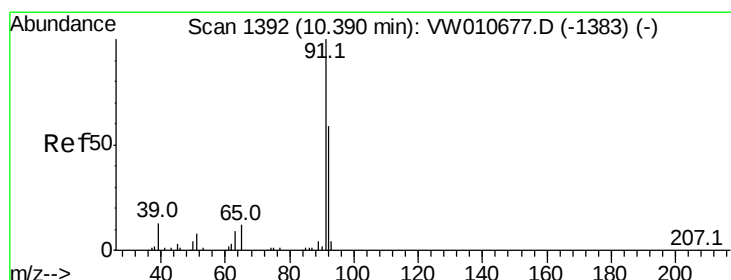
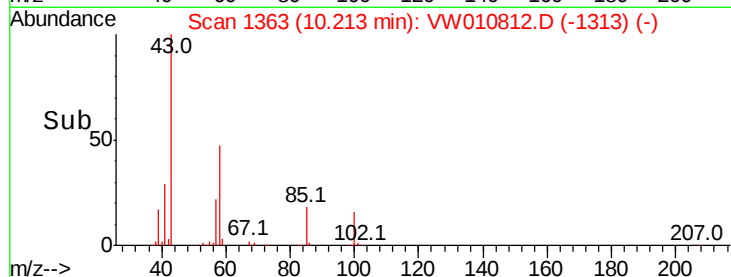
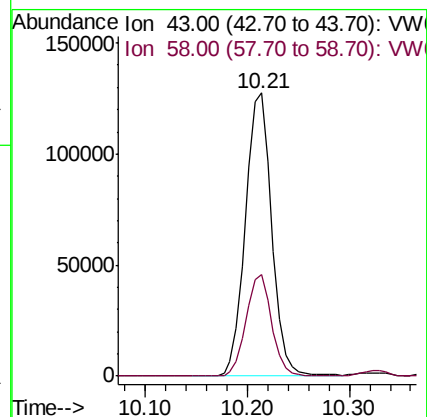
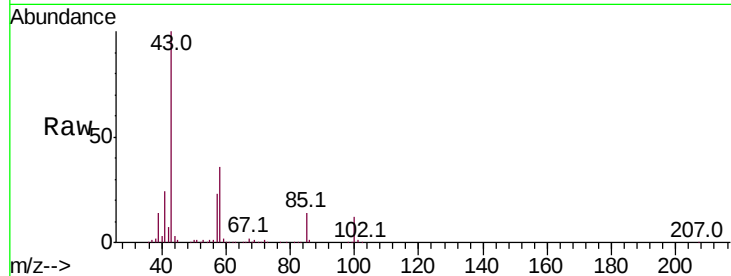
58 35.1 28.4 42.6

Manual Integrations

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#52

Toluene

Concen: 21.539 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010812.D

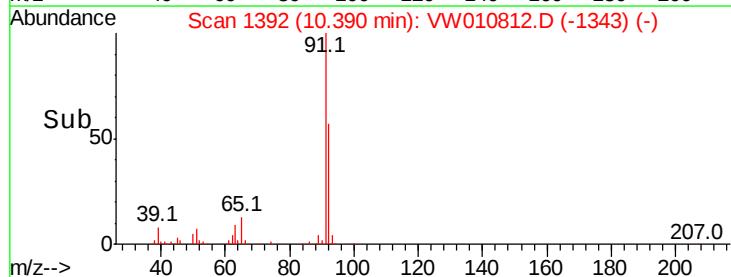
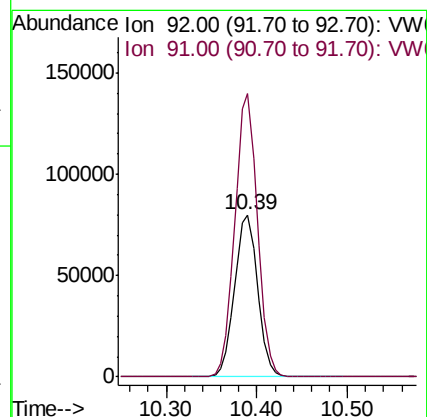
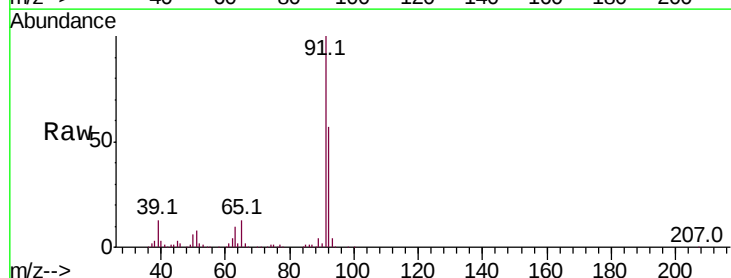
Acq: 14 Jun 2019 14:15

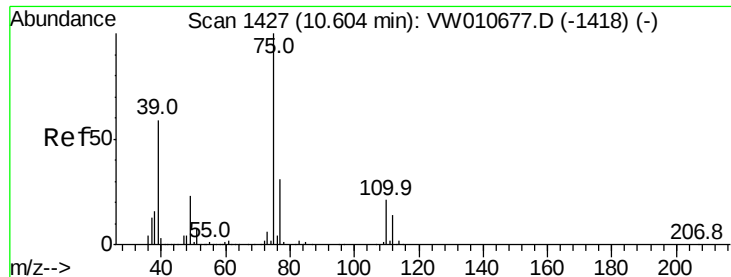
Tgt Ion: 92 Resp: 140988

Ion Ratio Lower Upper

92 100

91 171.5 134.9 202.3





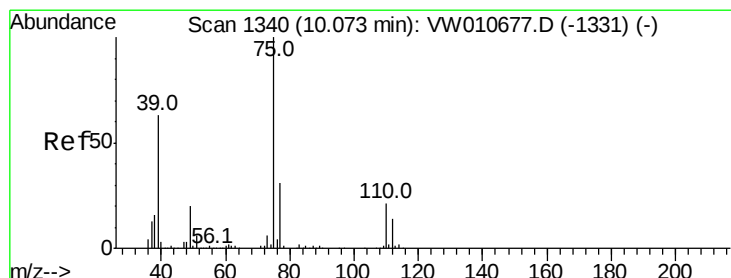
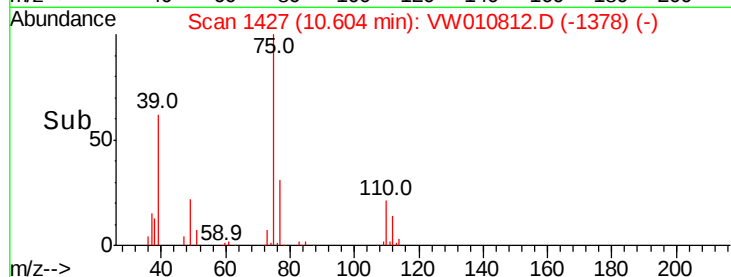
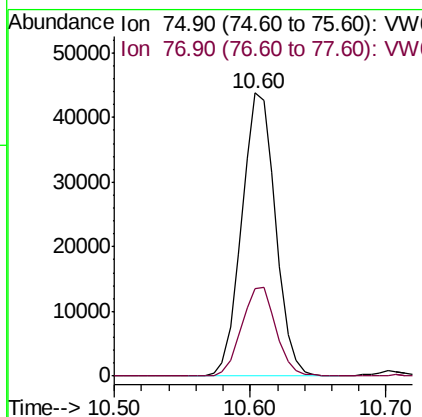
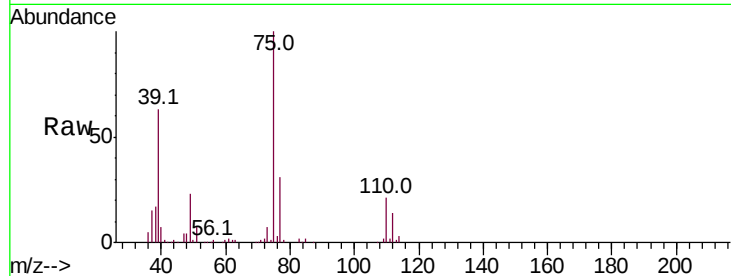
#53
t-1,3-Dichloropropene
Concen: 21.159 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.6	36.8

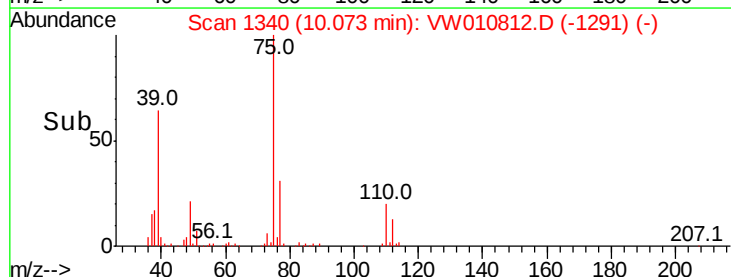
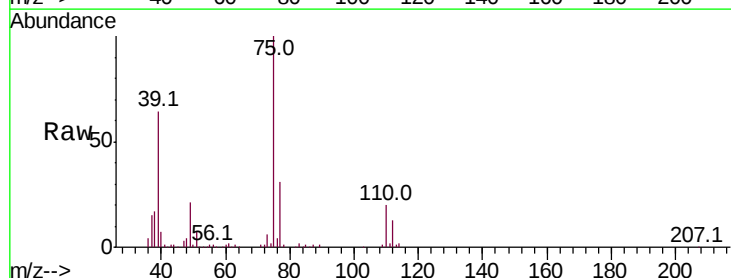
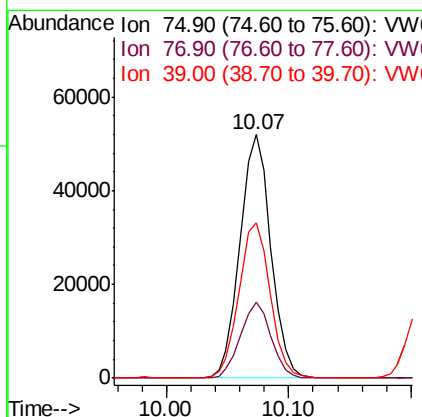
Manual Integrations
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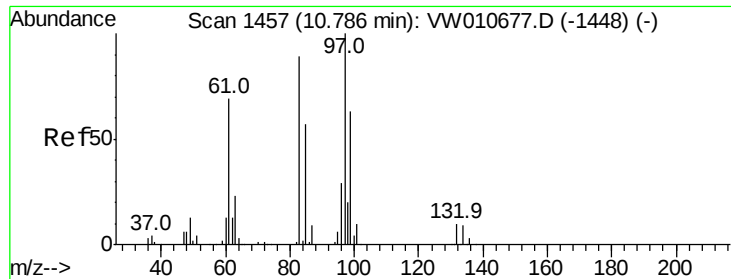
MMDadoda
6/17/2019 1:23:25 PM



#54
cis-1,3-Dichloropropene
Concen: 21.564 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.2	37.8
39	63.7	50.1	75.1





#55

1,1,2-Trichloroethane

Concen: 21.153 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

Tot Ion: 97 Resp: 39860

Ion Ratio Lower Upper

97 100

83 91.4 71.1 106.7

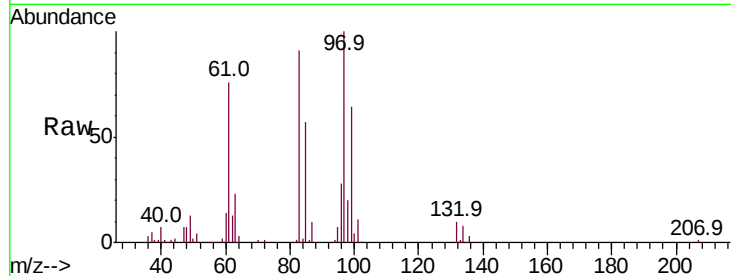
85 57.4 45.2 67.8

99 63.7 50.0 75.0

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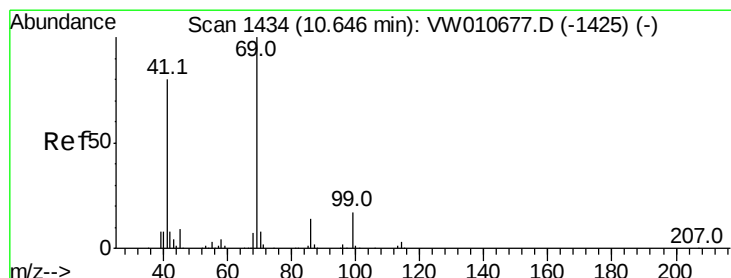
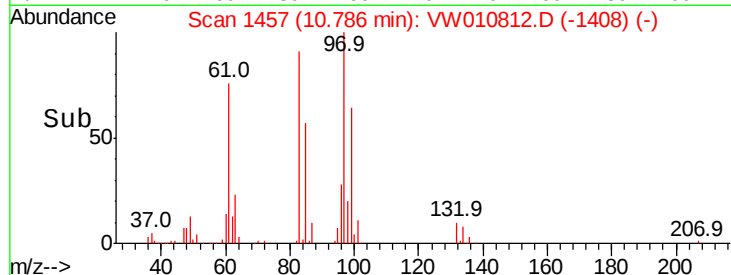
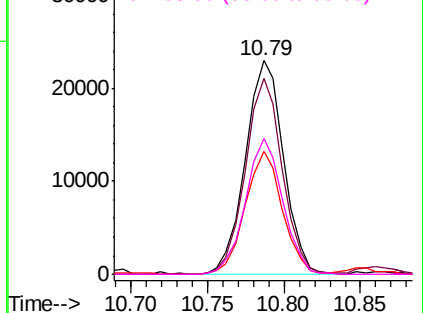


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 20.940 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

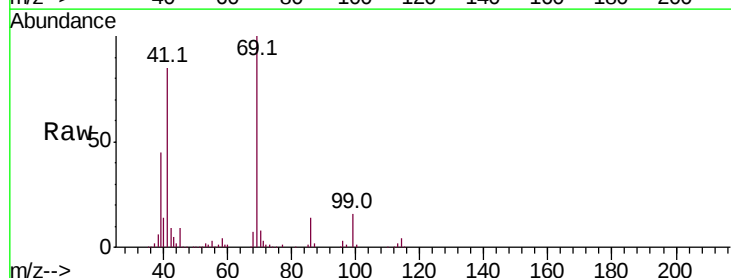
Tgt Ion: 69 Resp: 60717

Ion Ratio Lower Upper

69 100

41 83.5 64.8 97.2

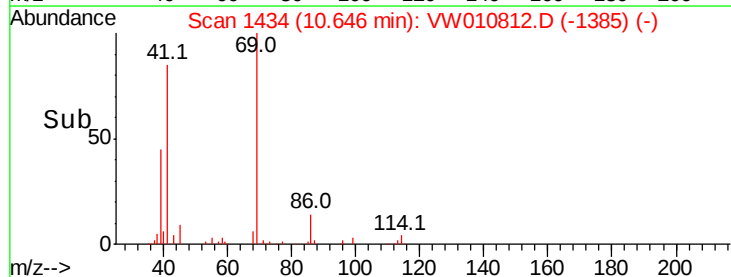
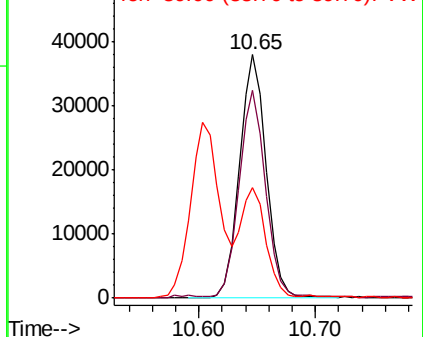
39 43.6 32.2 48.2

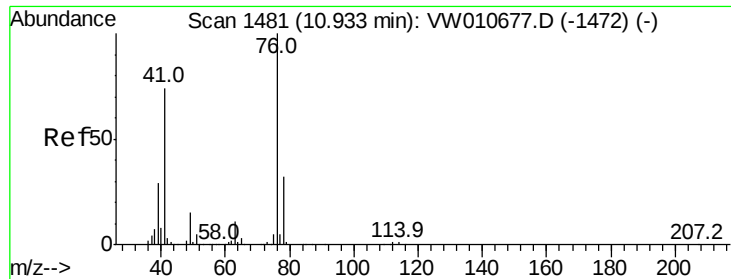


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





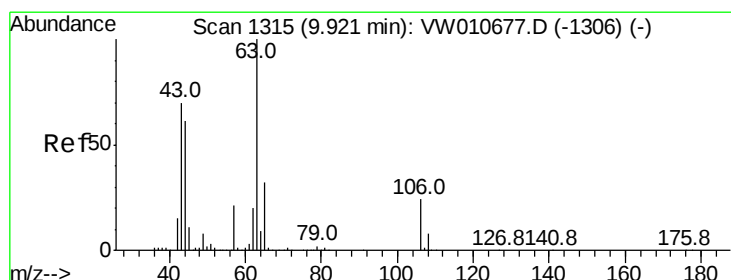
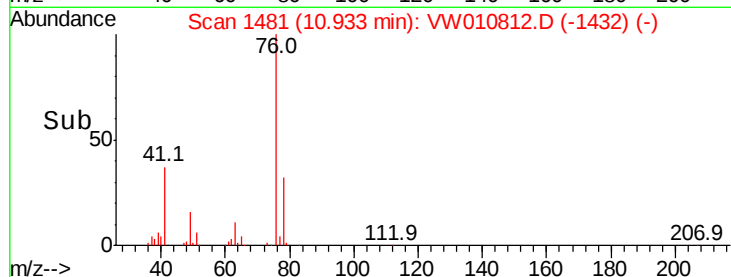
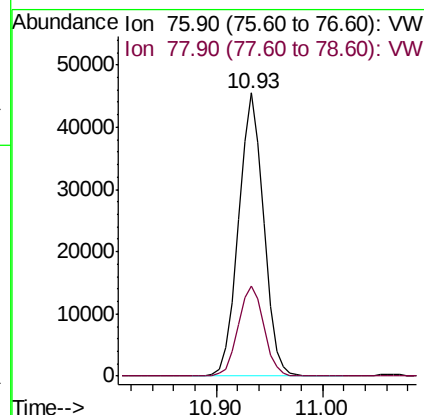
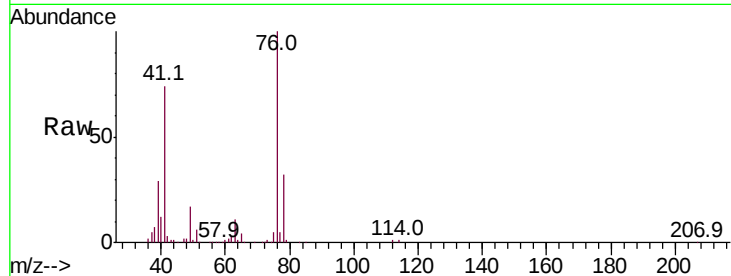
#57
 1,3-Dichloropropane
 Concen: 21.254 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Tot Ion: 76 Resp: 75476
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5

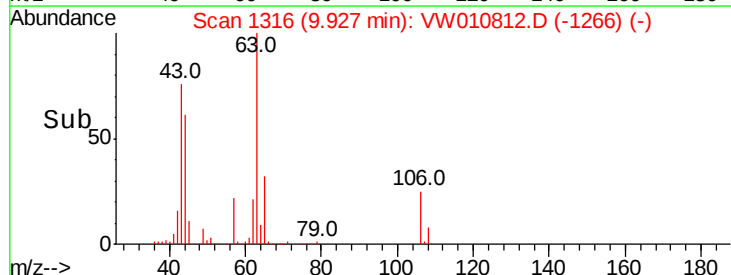
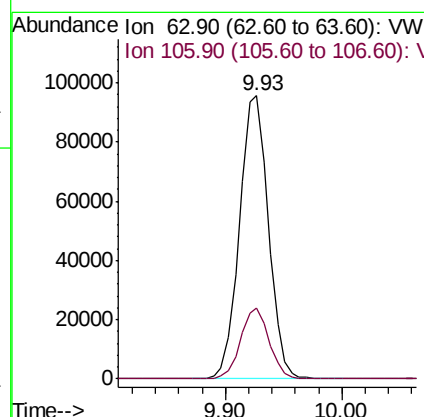
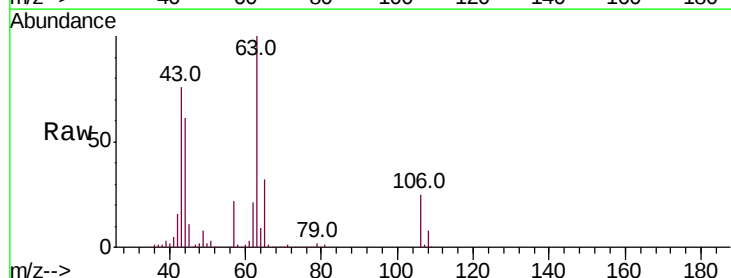
Manual Integrations
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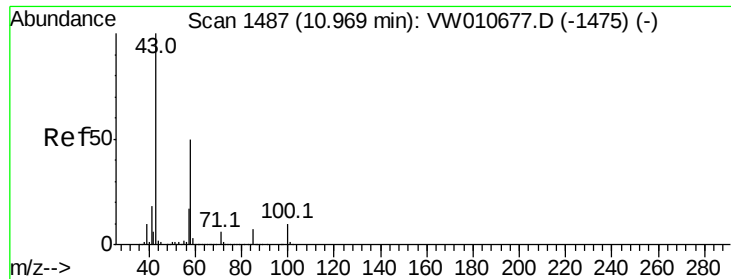
MMDadoda
 6/17/2019 1:23:25 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.332 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion: 63 Resp: 166043
 Ion Ratio Lower Upper
 63 100
 106 24.5 20.1 30.1





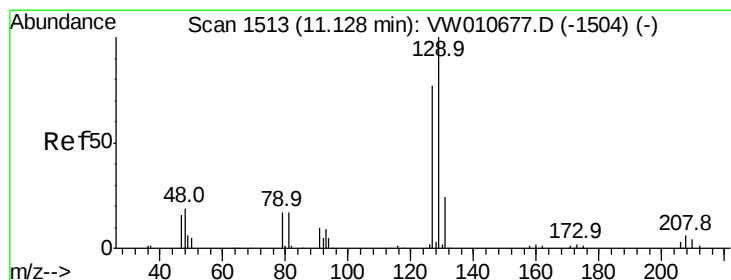
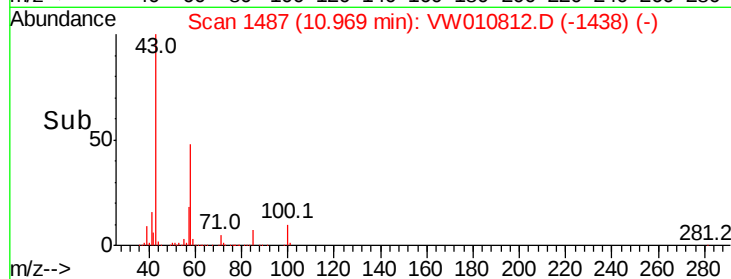
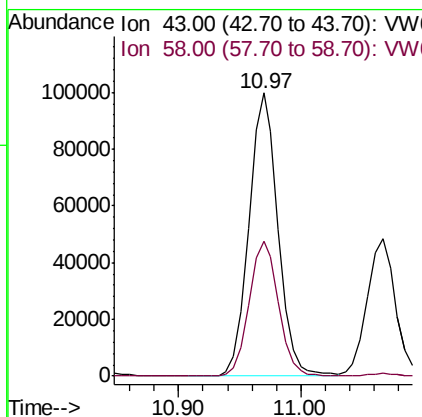
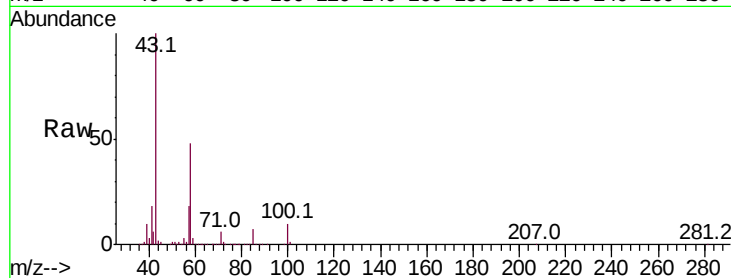
#59
2-Hexanone
Concen: 106.898 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.3	24.9	74.6

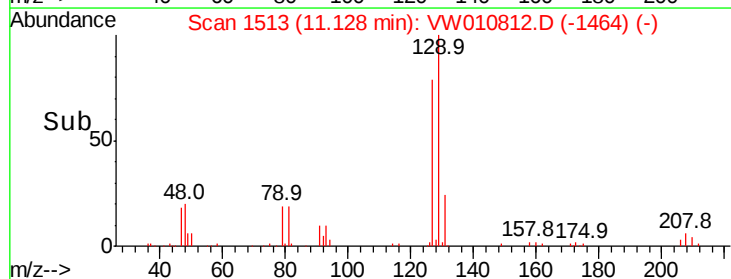
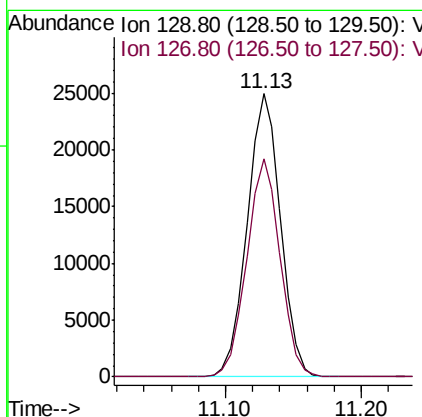
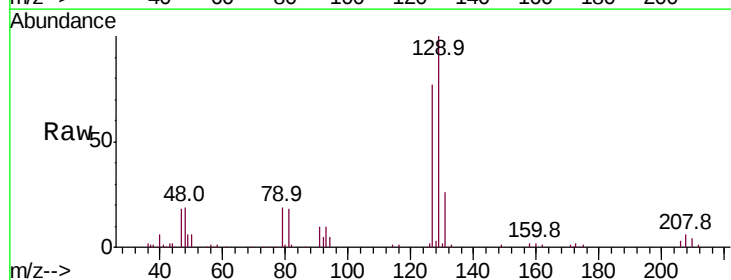
Manual Integrations
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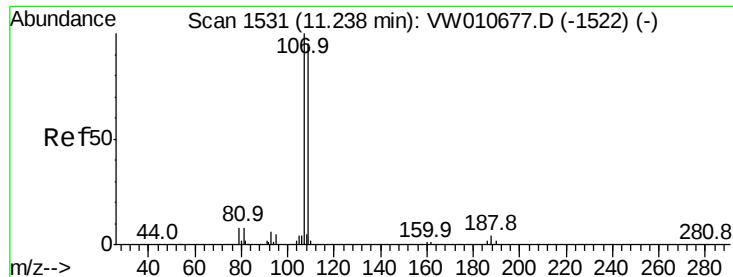
MMDadoda
6/17/2019 1:23:25 PM



#60
Dibromochloromethane
Concen: 20.476 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.6	116.0





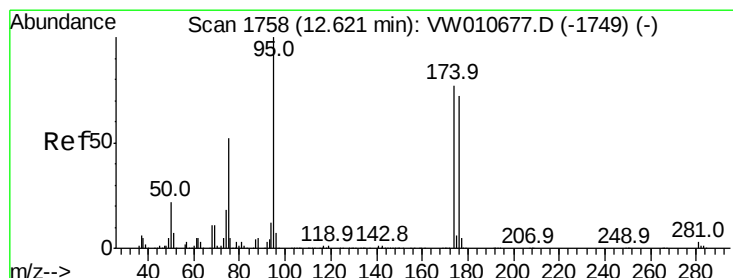
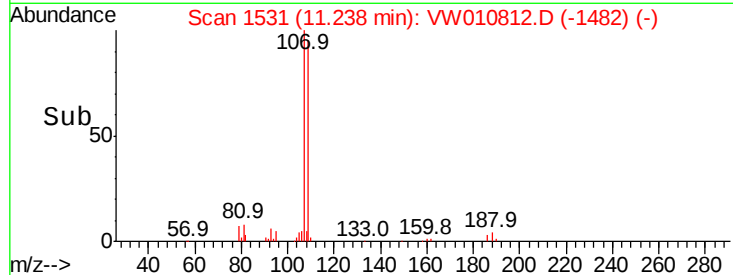
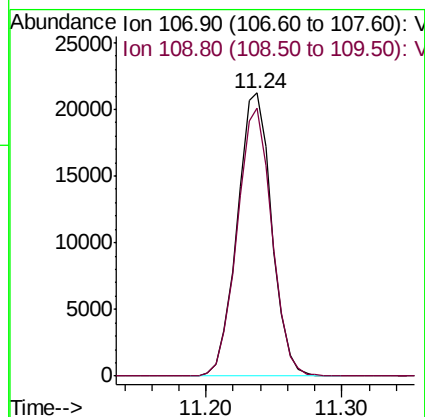
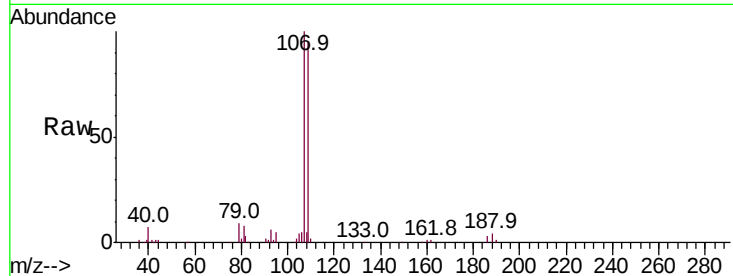
#61
 1,2-Dibromoethane
 Concen: 20.912 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.8	113.8

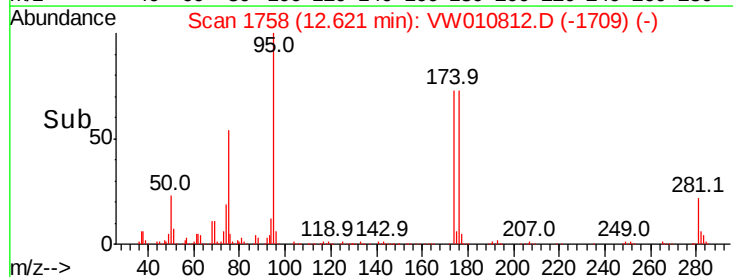
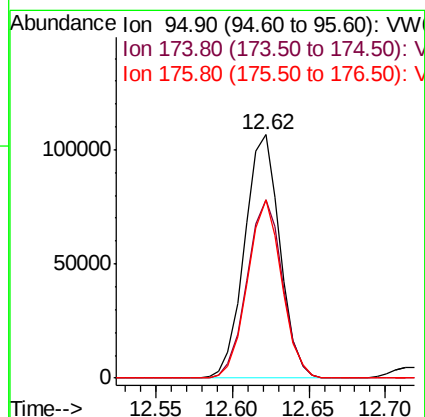
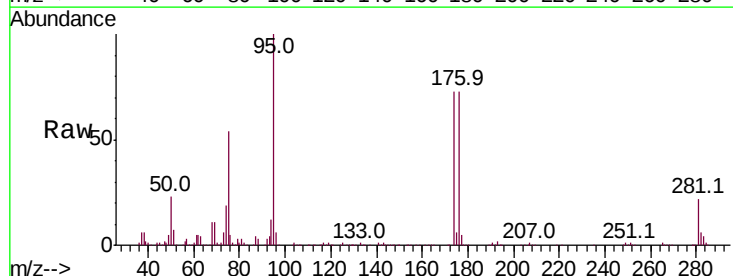
Manual Integrations
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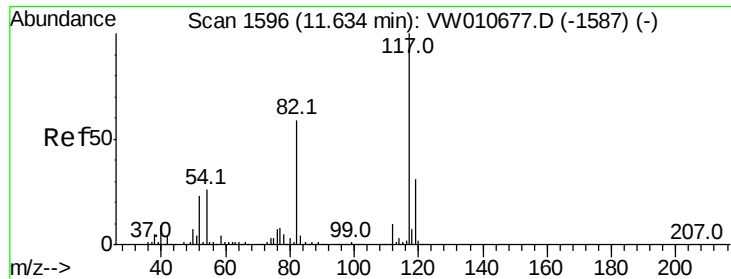
MMDadoda
 6/17/2019 1:23:25 PM



#62
 4-Bromofluorobenzene
 Concen: 51.737 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	150.4
176	71.1	0.0	144.8





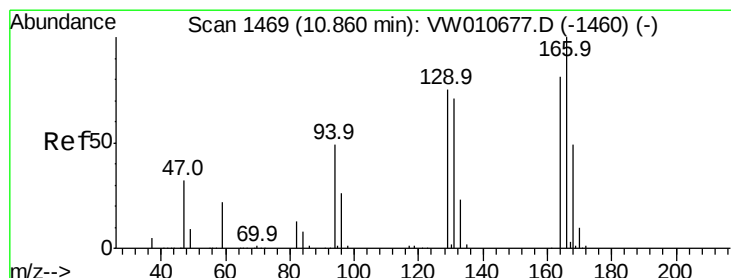
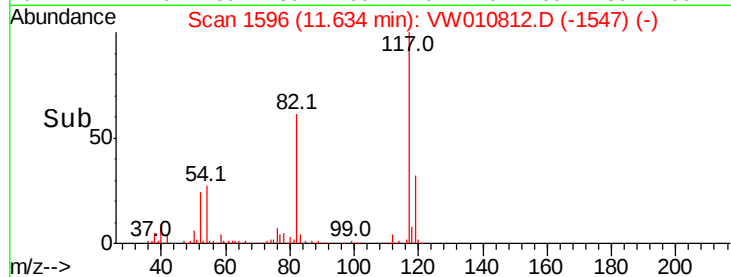
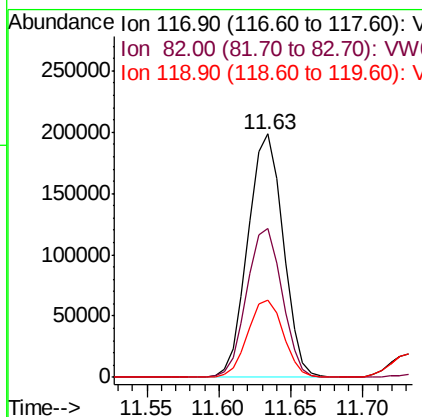
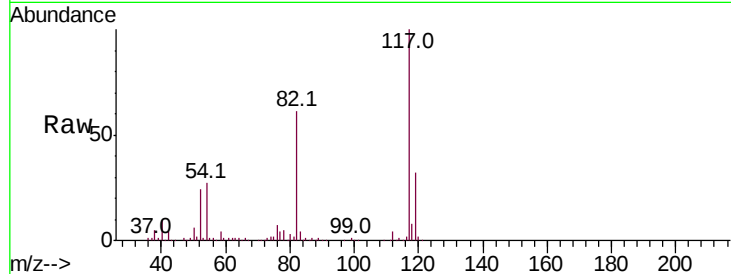
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.1	47.0	70.4
119	32.0	25.1	37.7

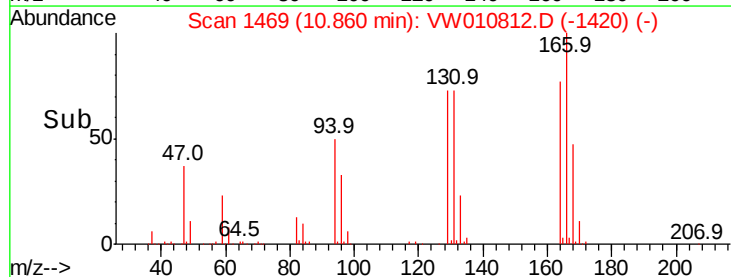
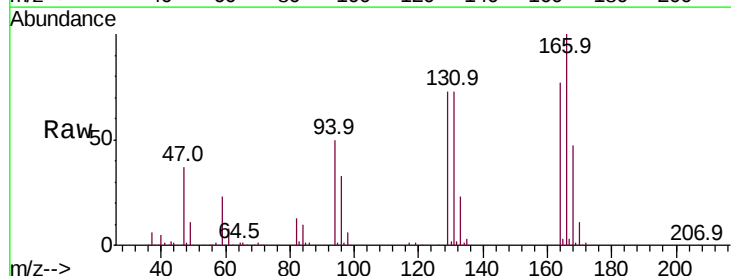
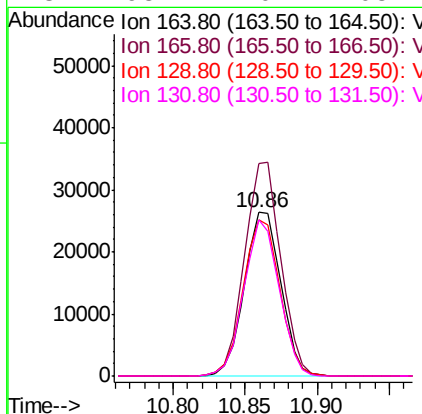
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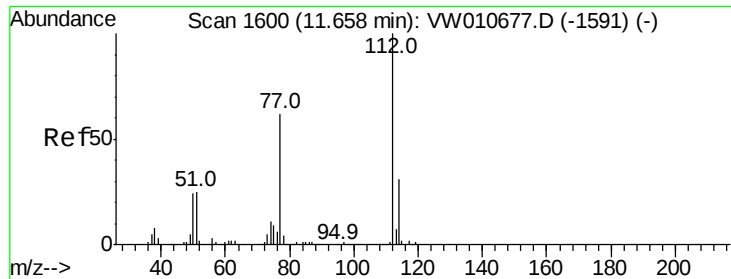
MMDadoda
6/17/2019 1:23:25 PM



#64
Tetrachloroethene
Concen: 20.685 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	99.2	148.8
129	95.2	74.6	112.0
131	95.7	70.2	105.4





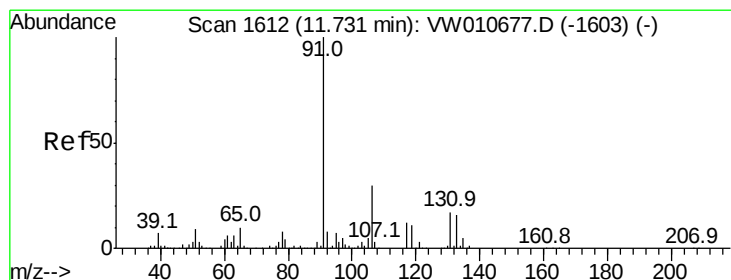
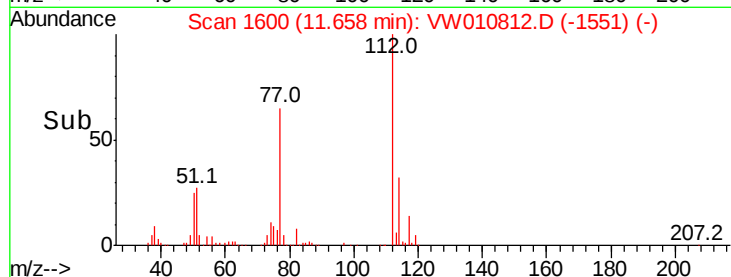
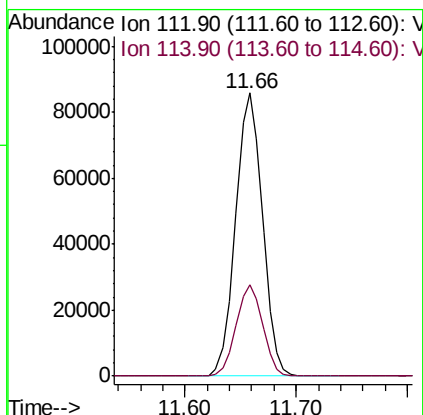
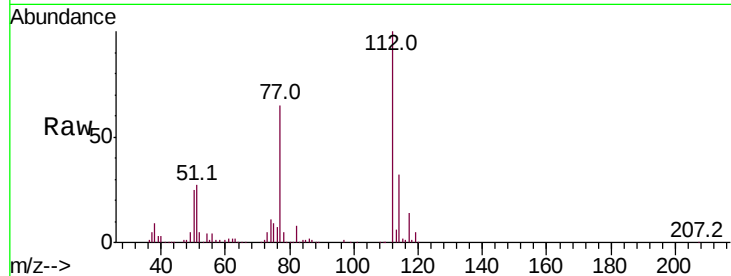
#65
Chlorobenzene
Concen: 21.644 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion:112 Resp: 143040
Ion Ratio Lower Upper
112 100
114 32.2 24.8 37.2

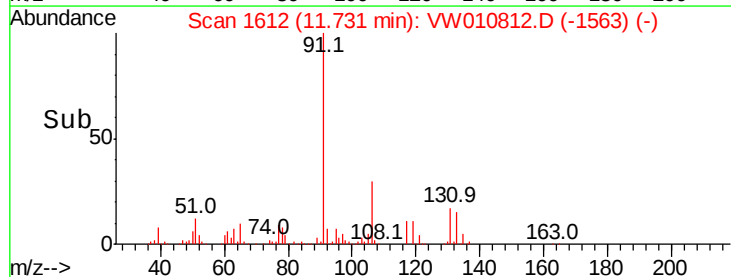
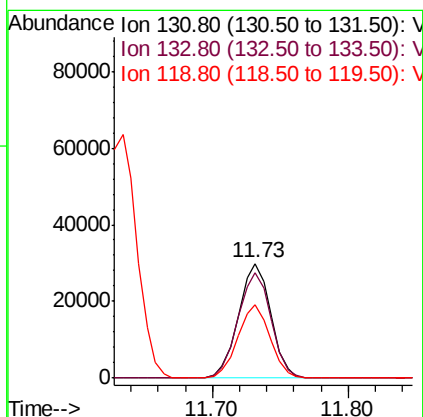
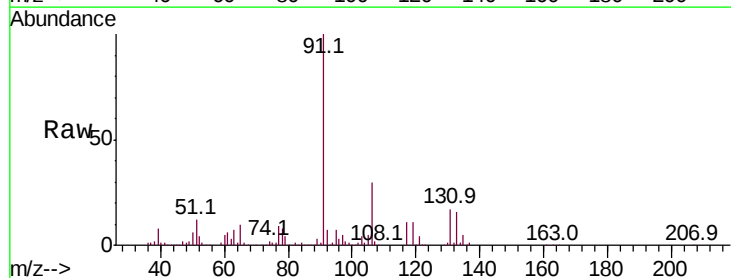
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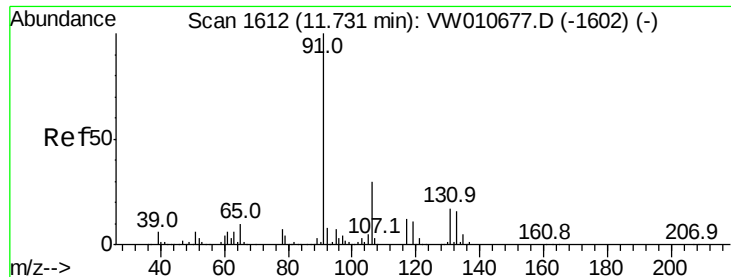
MMDadoda
6/17/2019 1:23:25 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.663 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion:131 Resp: 49559
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.9
119 63.5 32.4 97.0





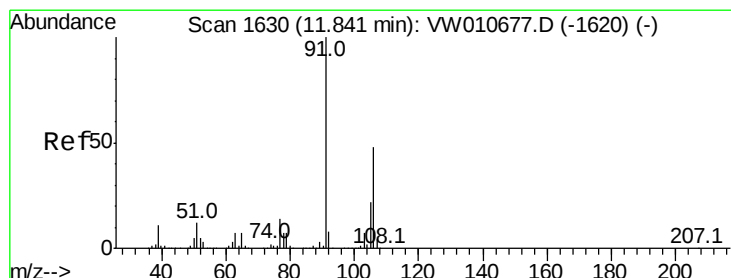
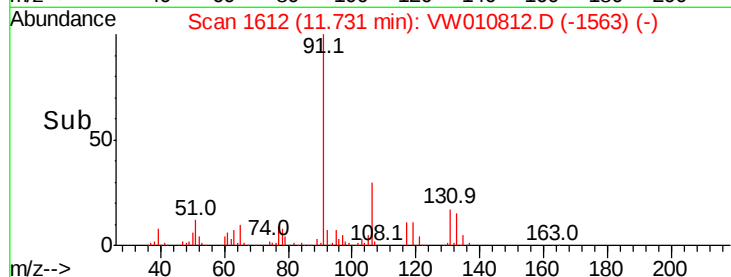
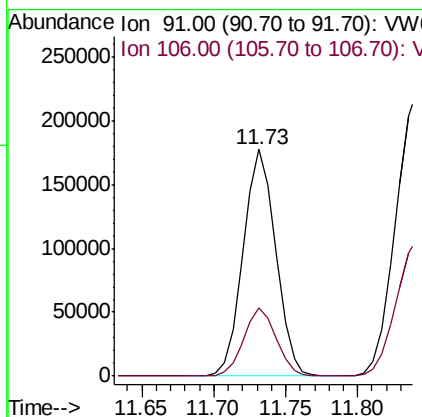
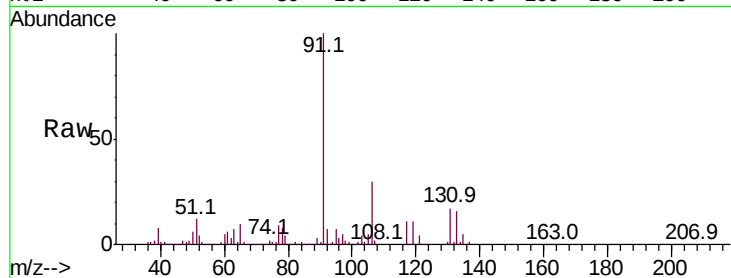
#67
Ethyl Benzene
Concen: 21.869 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion: 91 Resp: 277756
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4

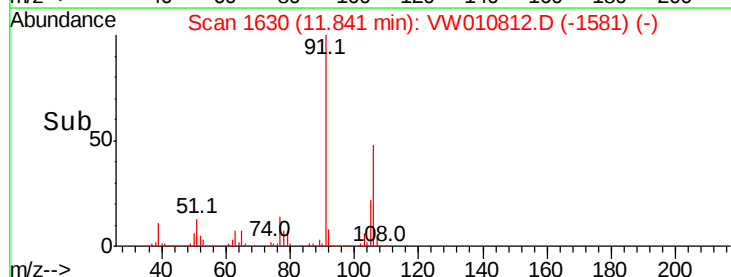
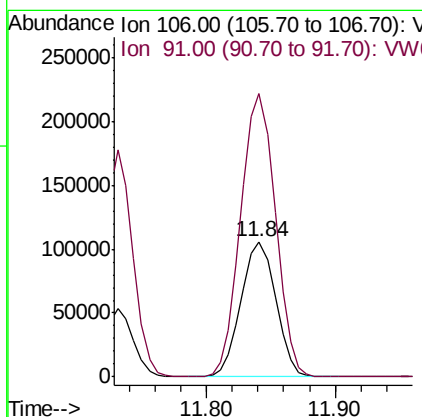
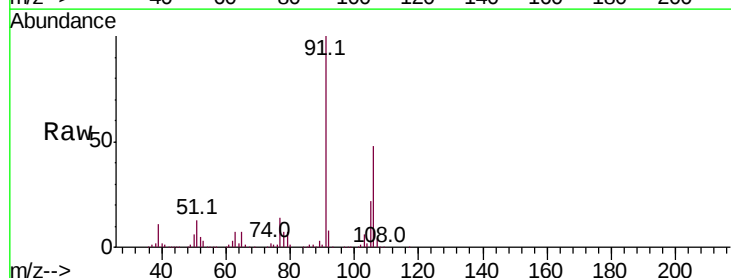
Manual Integrations
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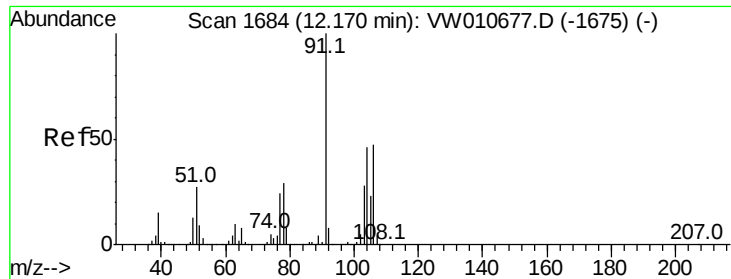
MMDadoda
6/17/2019 1:23:25 PM



#68
m/p-Xylenes
Concen: 43.624 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion: 106 Resp: 198339
Ion Ratio Lower Upper
106 100
91 209.8 166.5 249.7





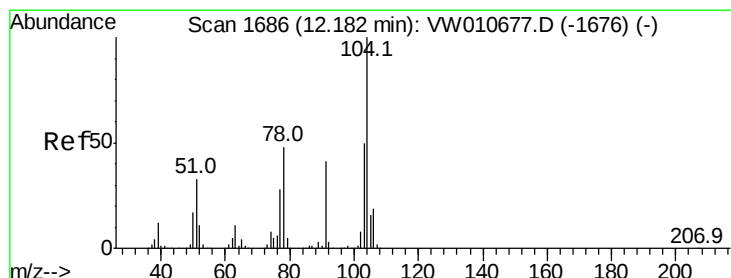
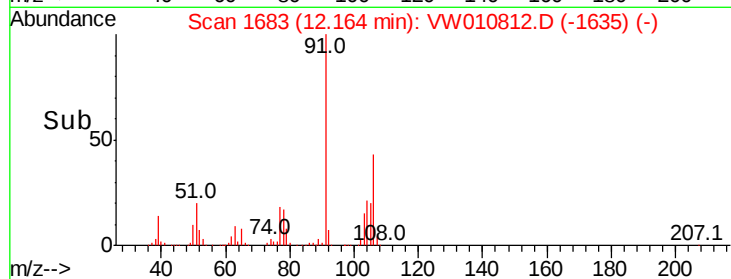
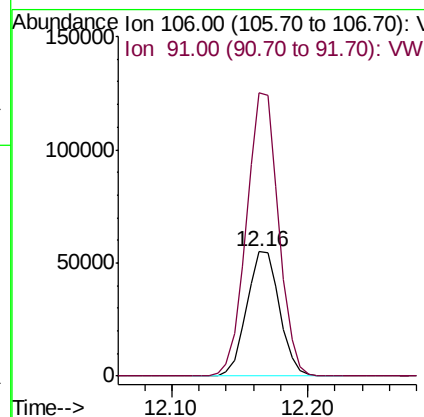
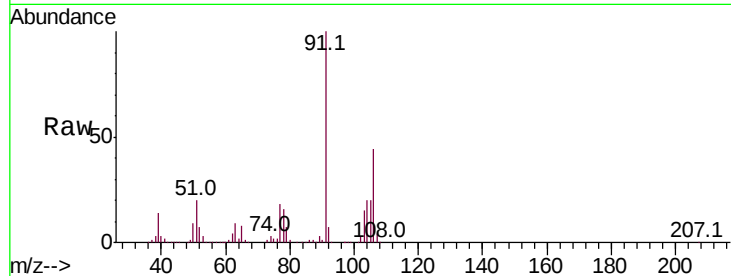
#69
o-Xylene
Concen: 21.479 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	223.5	108.9	326.6

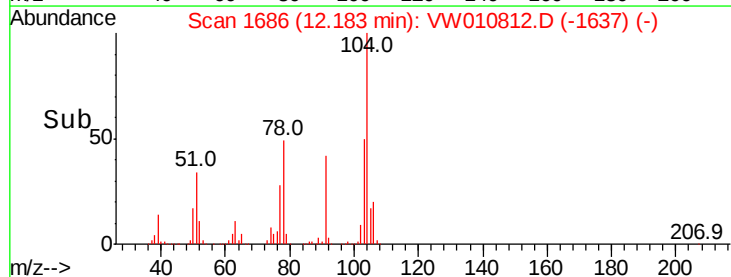
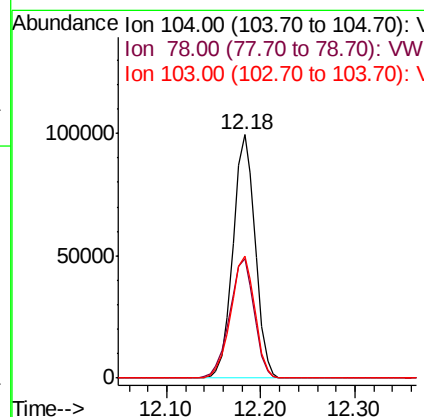
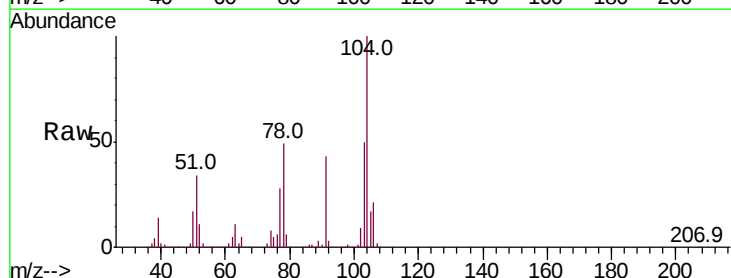
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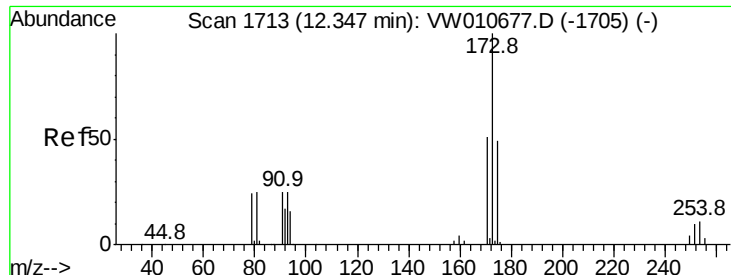
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#70
Styrene
Concen: 21.680 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.2	42.7	64.1
103	54.3	43.6	65.4





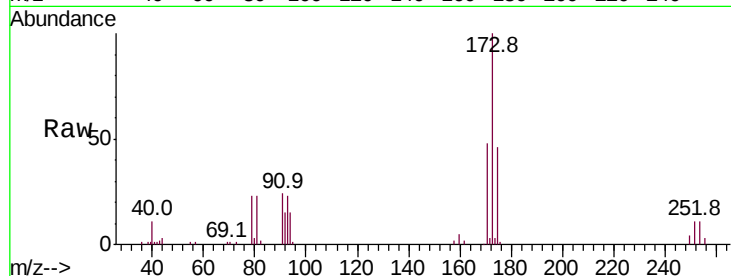
#71
Bromoform
Concen: 19.715 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

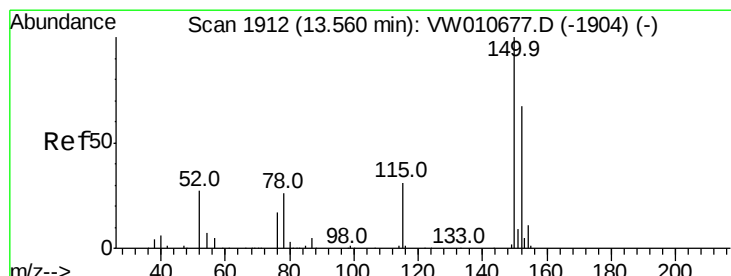
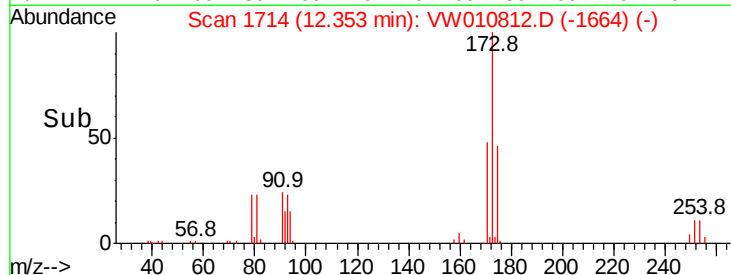
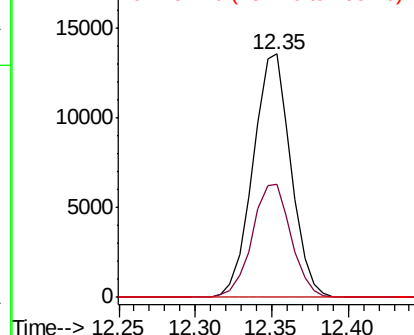
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.3	72.8
254	0.0	0.1	0.1#

Manual Integrations
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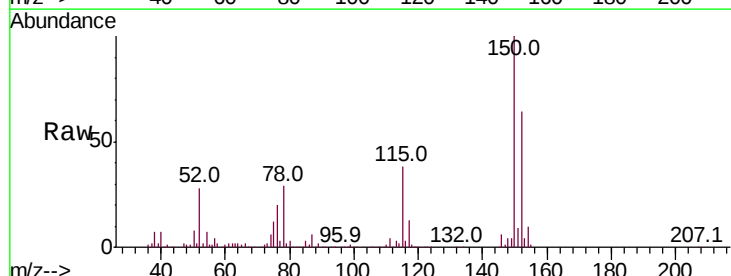


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

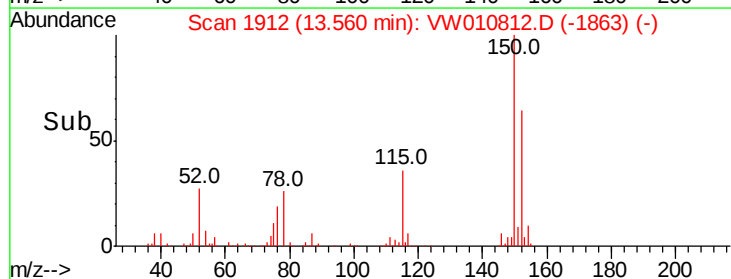
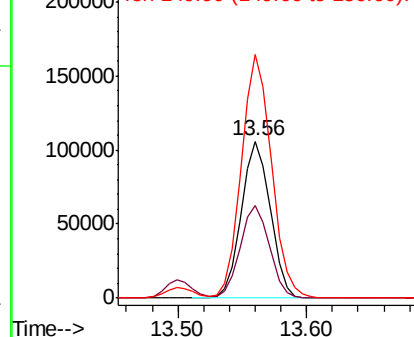


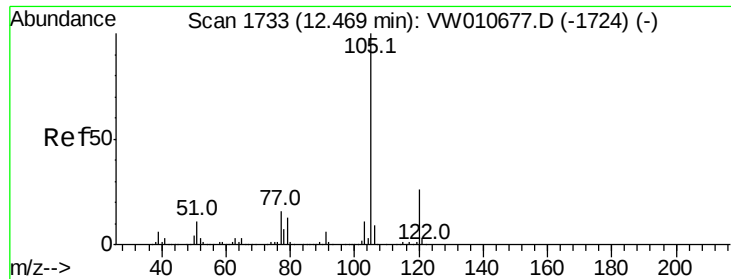
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.8	89.3
150	161.5	0.0	345.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.326 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampled :

VW0614SBS01

Tot Ion:105 Resp: 264047

Ion Ratio Lower Upper

105 100

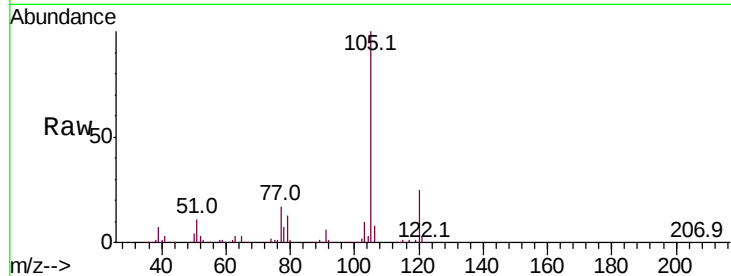
120 25.5 13.1 39.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

150000

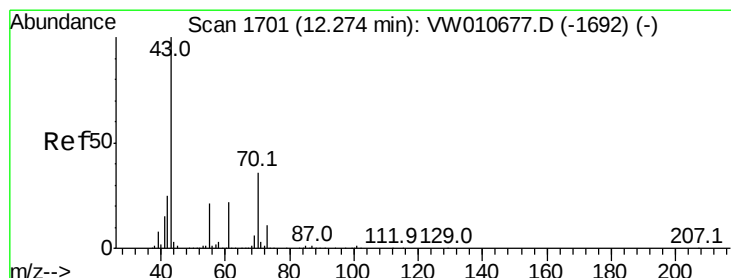
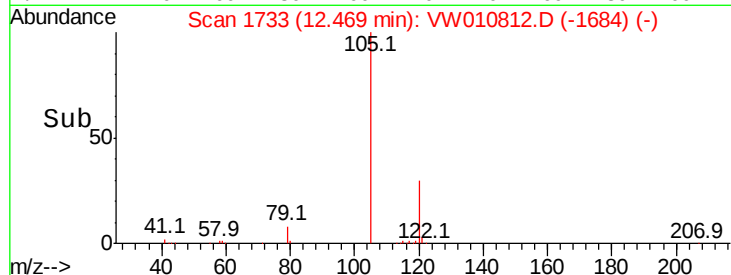
100000

50000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 21.170 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Tgt Ion: 43 Resp: 84710

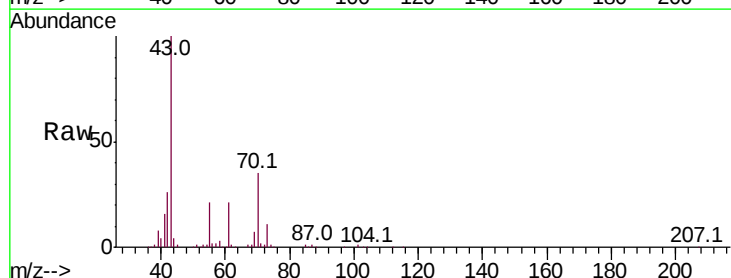
Ion Ratio Lower Upper

43 100

70 35.8 29.2 43.8

55 21.8 17.5 26.3

61 21.2 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

80000

60000

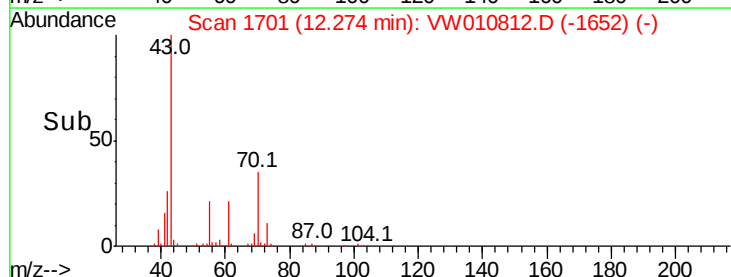
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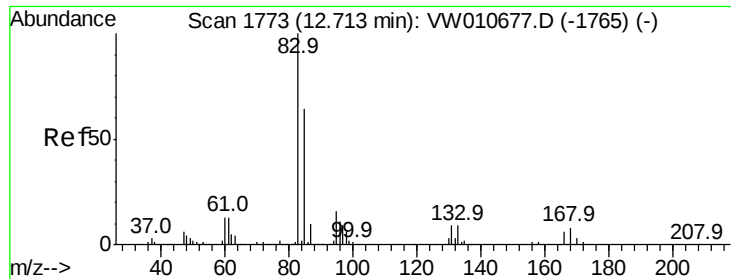
20000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 20.224 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

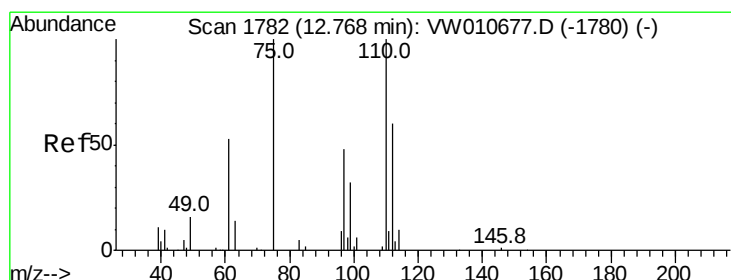
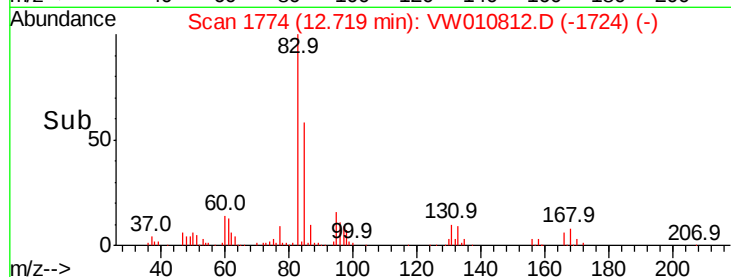
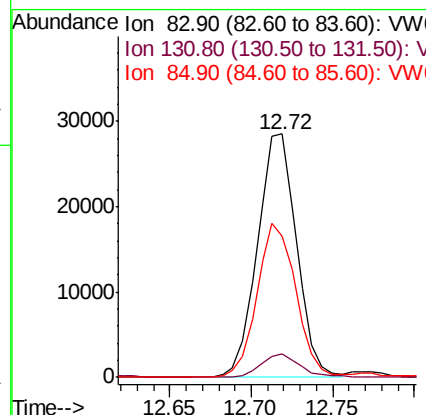
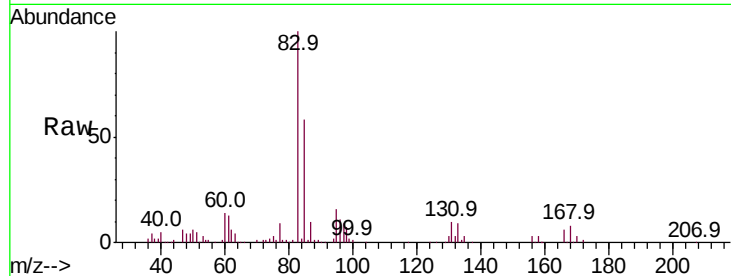
ClientSampleId :

VW0614SBSD01

Tot Ion:	83	Resp:	47670
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.7
85	62.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.460 ug/l m

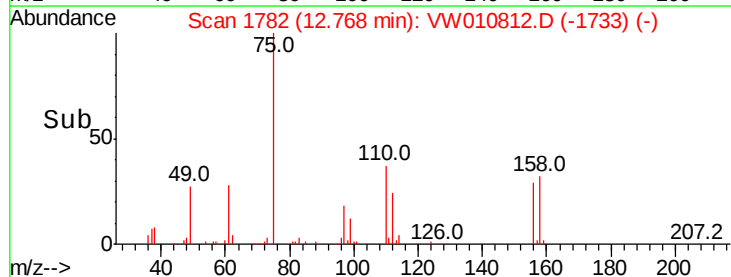
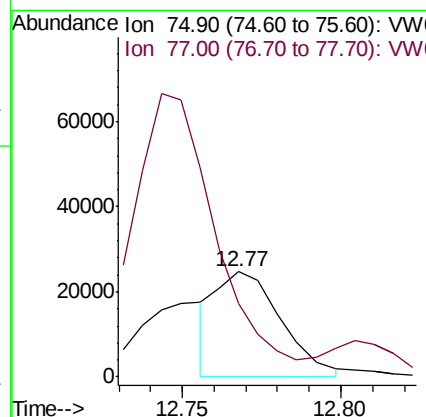
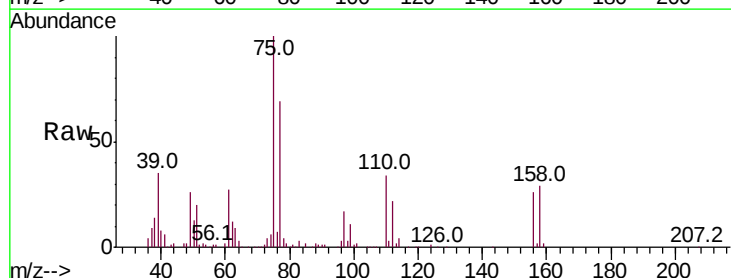
RT: 12.77 min Scan# 1782

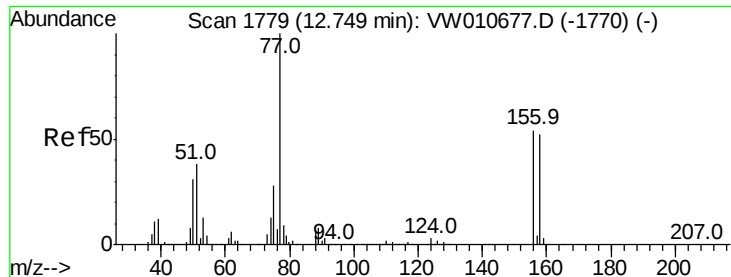
Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Tgt Ion:	75	Resp:	35400
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.746 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

Tot Ion:156 Resp: 56069

Ion Ratio Lower Upper

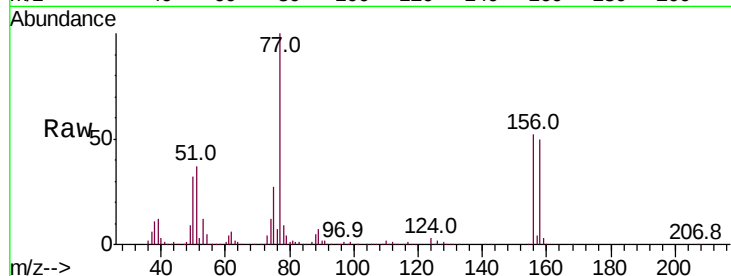
156 100

77 219.7 106.5 319.4

158 98.1 48.3 144.9

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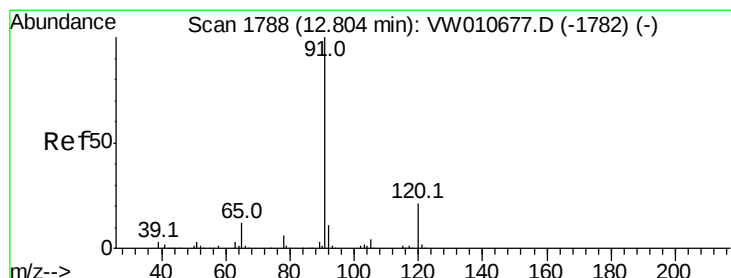
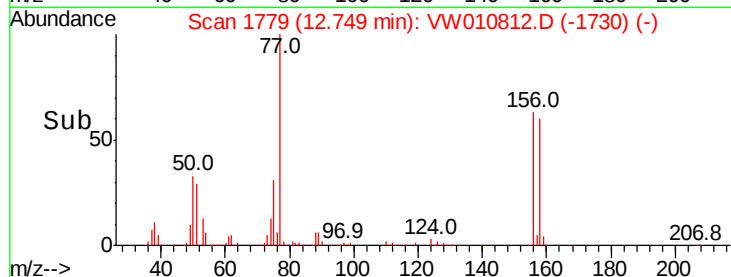
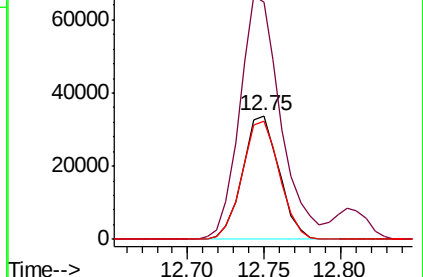
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.574 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010812.D

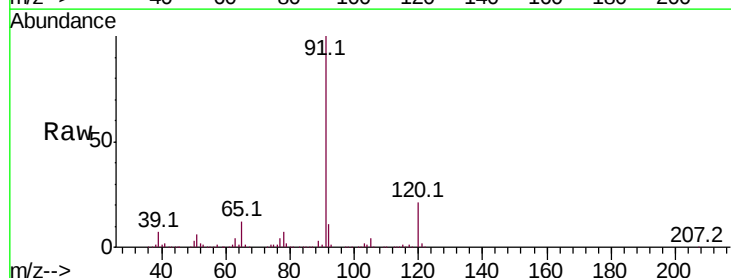
Acq: 14 Jun 2019 14:15

Tgt Ion: 91 Resp: 322090

Ion Ratio Lower Upper

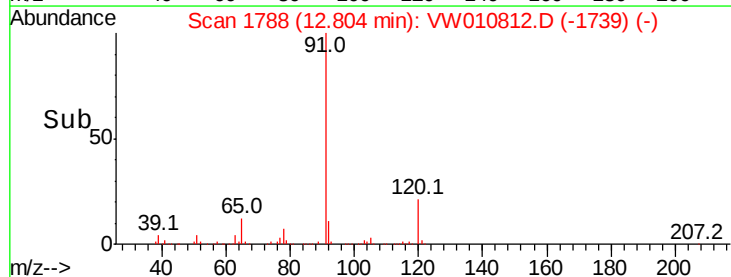
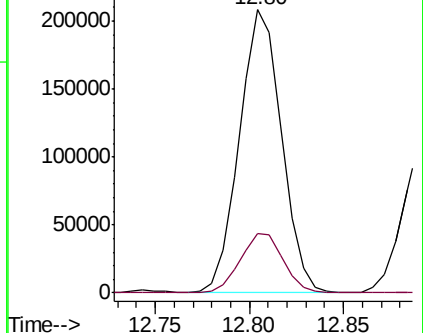
91 100

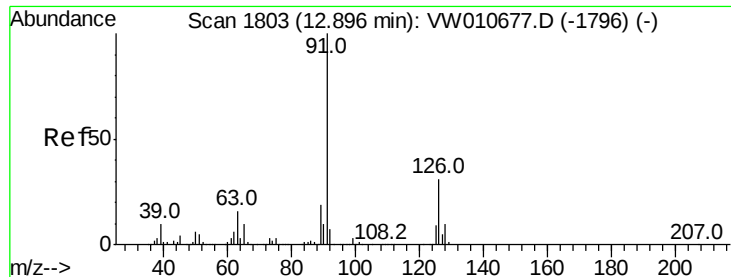
120 21.4 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.397 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

Tot Ion: 91 Resp: 182502

Ion Ratio Lower Upper

91 100

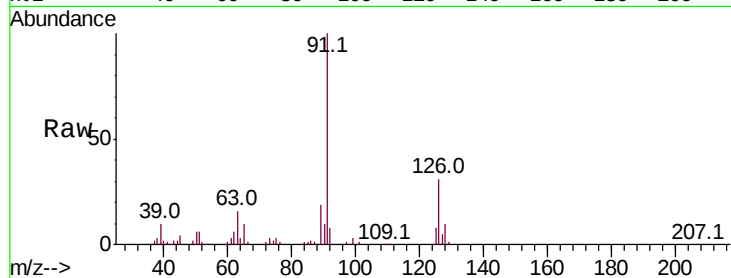
126 30.9 15.7 47.0

Manual Integrations

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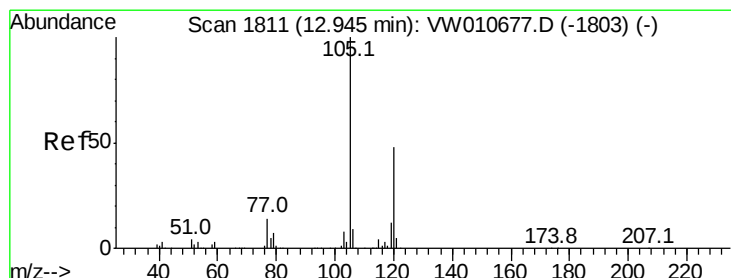
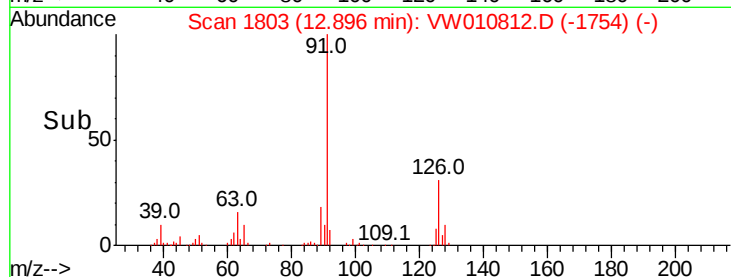
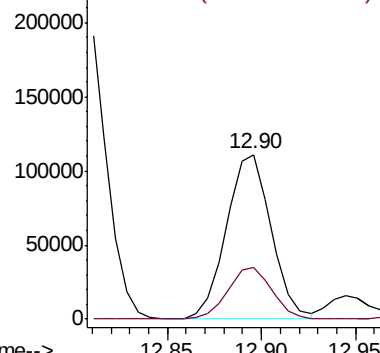
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.496 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010812.D

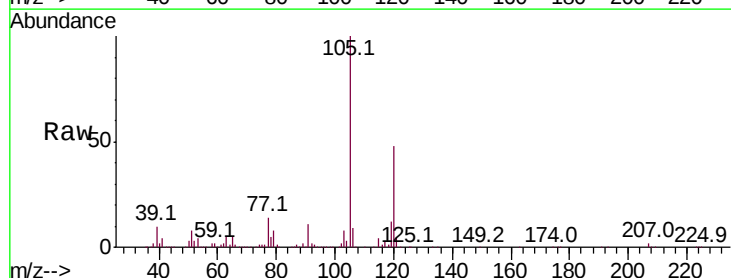
Acq: 14 Jun 2019 14:15

Tgt Ion:105 Resp: 217848

Ion Ratio Lower Upper

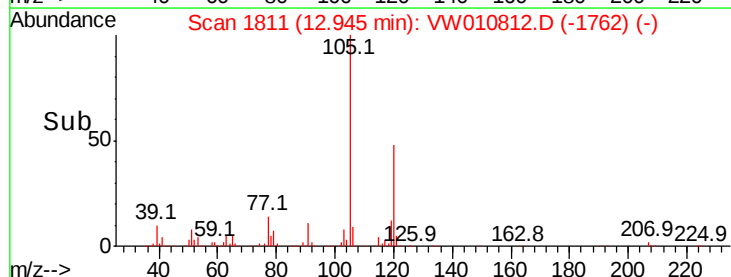
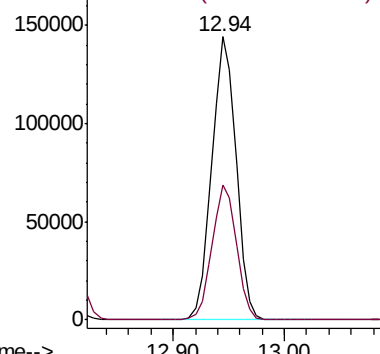
105 100

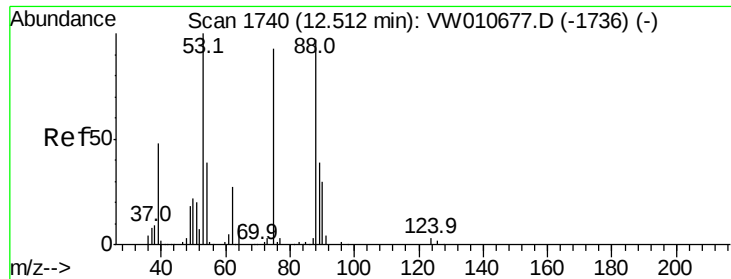
120 47.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.580 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

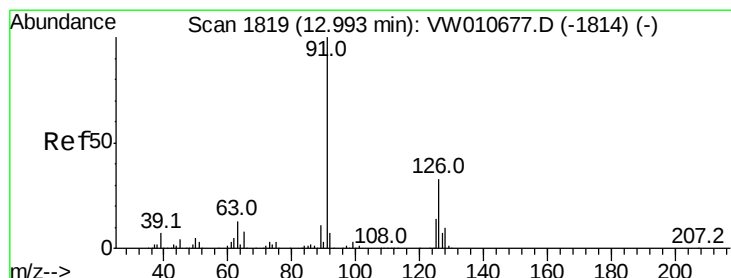
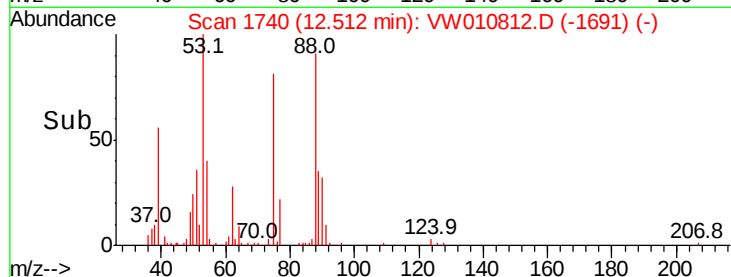
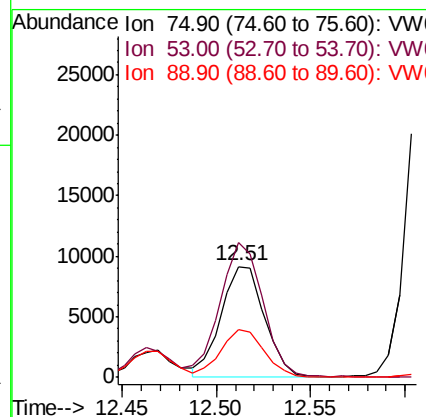
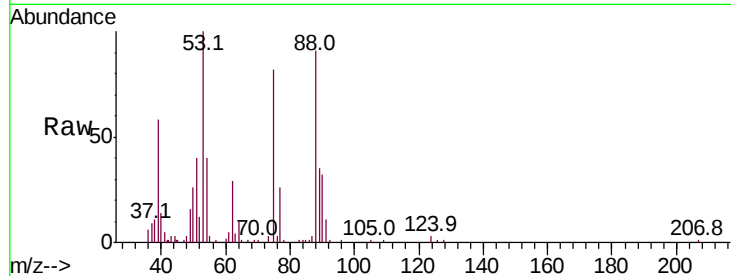
ClientSampleId :

VW0614SBSD01

Tot Ion:	75	Resp:	14740
Ion	Ratio	Lower	Upper
75	100		
53	122.7	90.1	135.1
89	43.5	34.6	52.0

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#82

4-Chlorotoluene

Concen: 21.412 ug/l

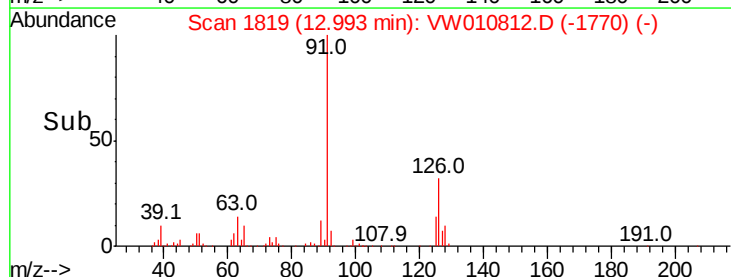
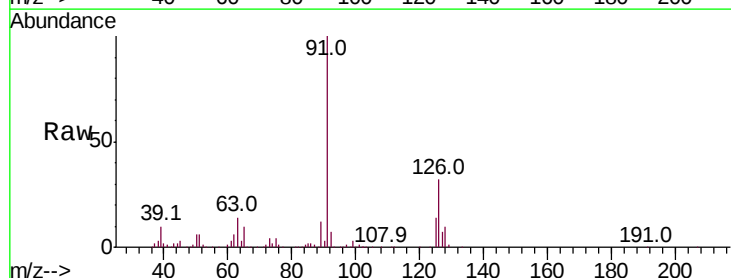
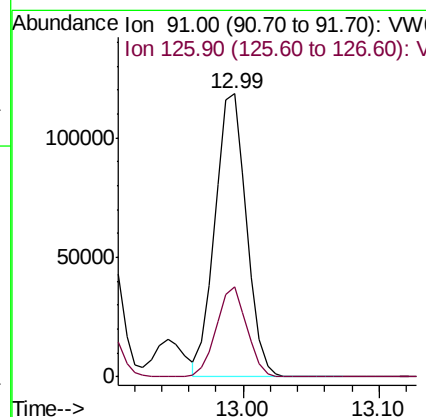
RT: 12.99 min Scan# 1819

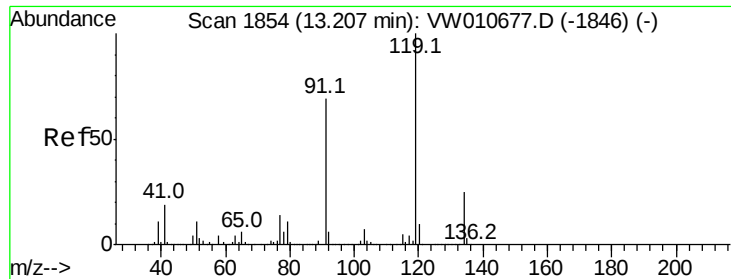
Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Tgt Ion:	91	Resp:	188466
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.9	47.7





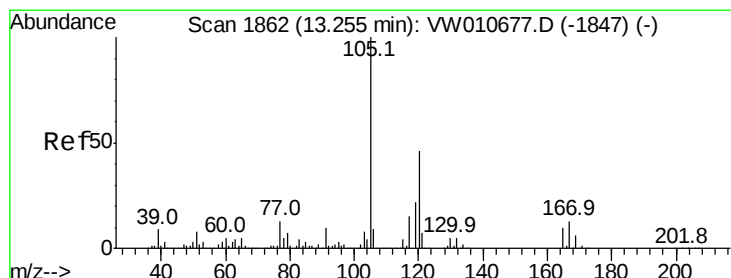
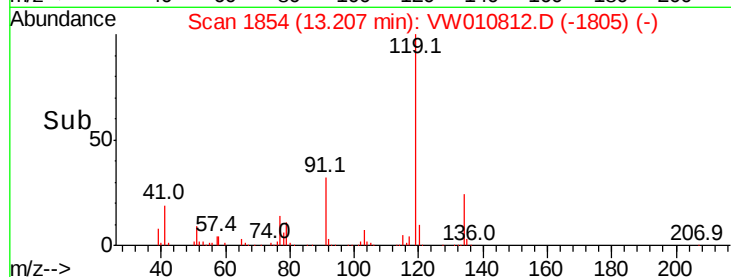
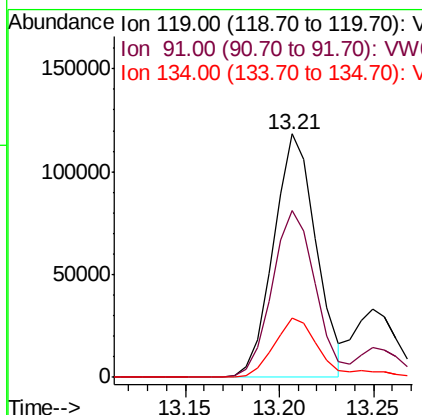
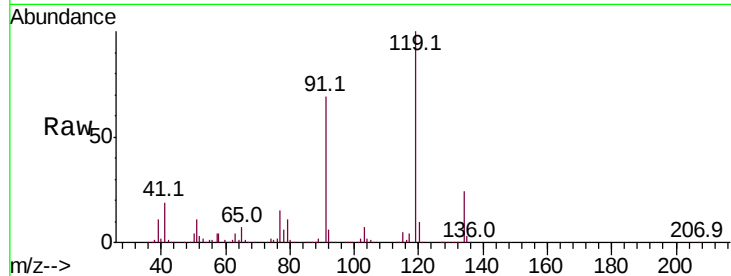
#83
 tert-Butylbenzene
 Concen: 21.562 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	185445		
91	70.2	35.1	105.3	
134	24.5	13.6	40.7	

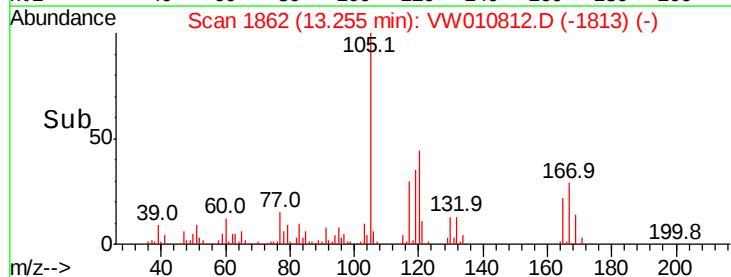
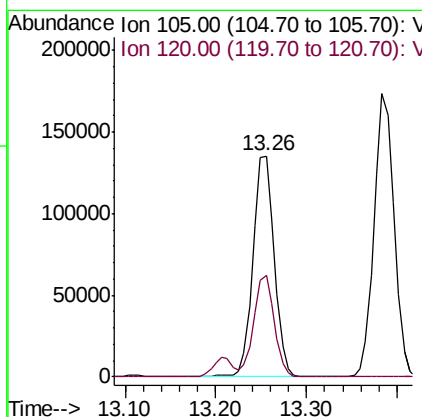
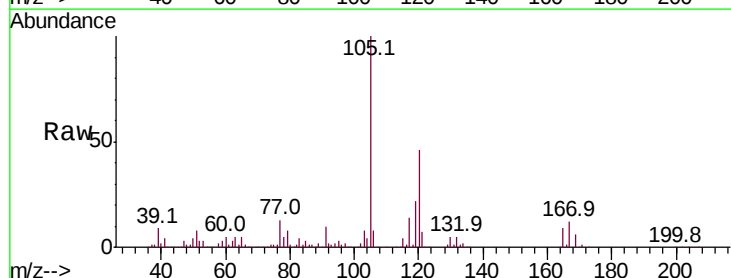
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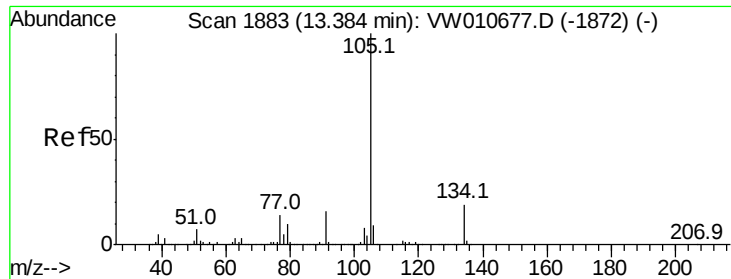
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.542 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219687		
120	44.3	22.5	67.5	





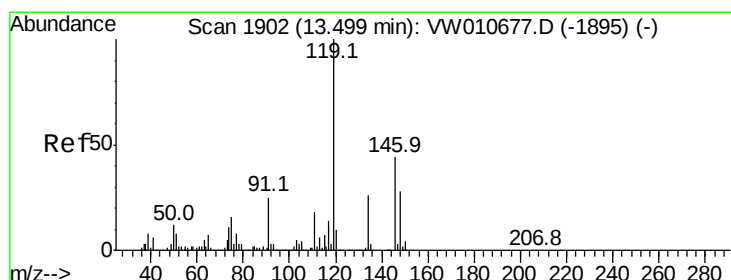
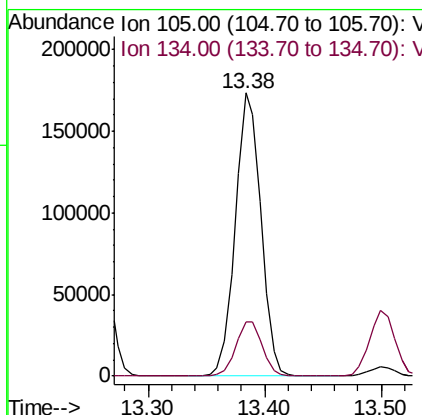
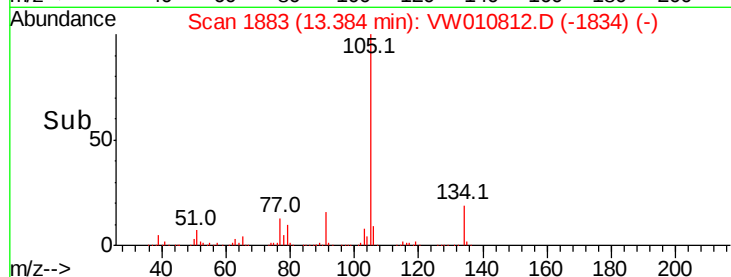
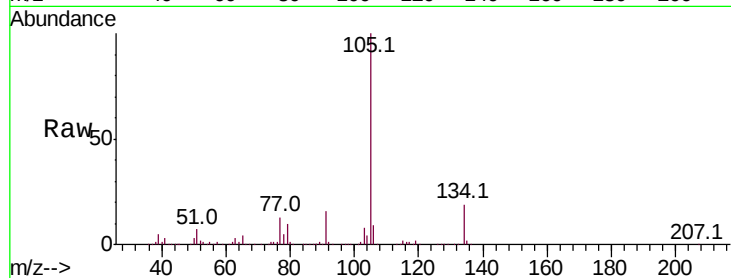
#85
 sec-Butylbenzene
 Concen: 21.206 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	265548		
134	19.9	9.7	28.9	

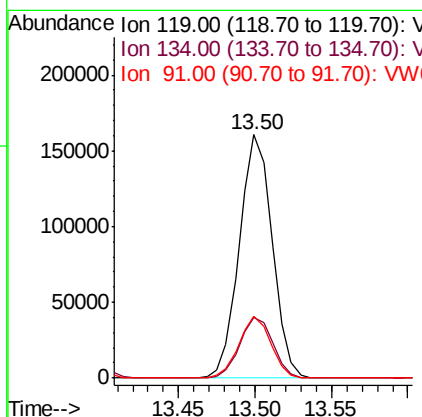
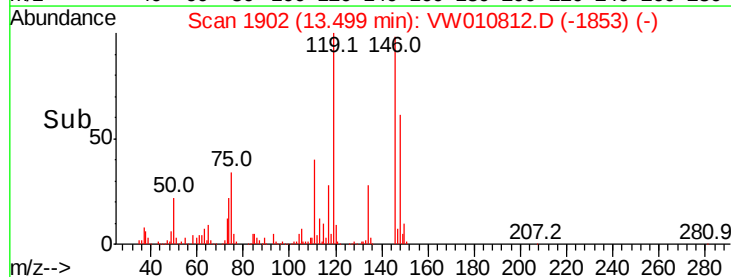
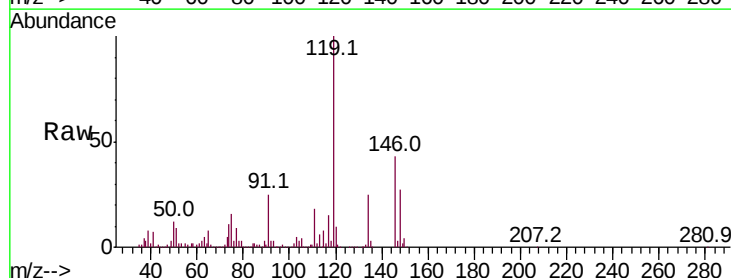
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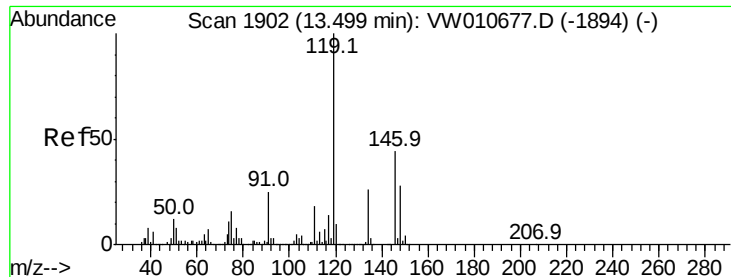
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#86
 p-Isopropyltoluene
 Concen: 21.335 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	238912		
134	25.6	13.0	39.0	
91	24.8	12.2	36.4	





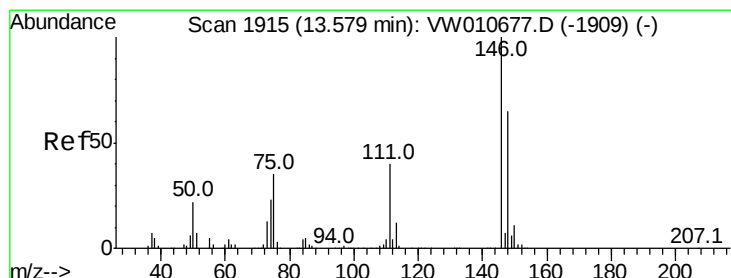
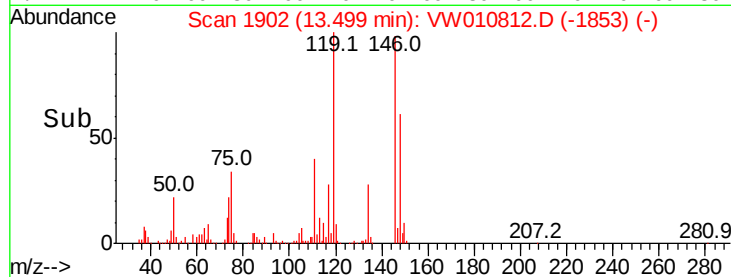
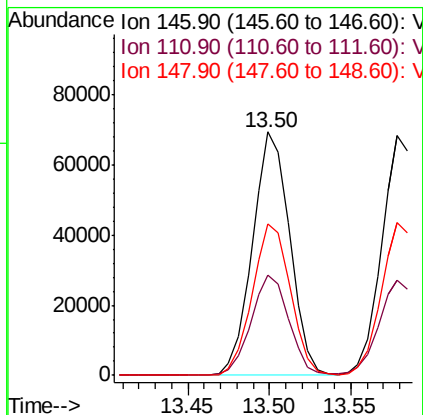
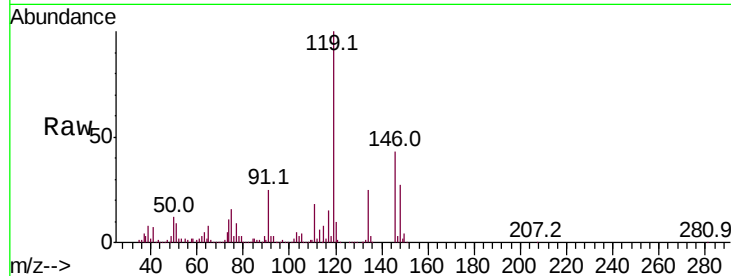
#87
 1,3-Dichlorobenzene
 Concen: 21.258 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.4	61.3
148	63.4	31.5	94.5

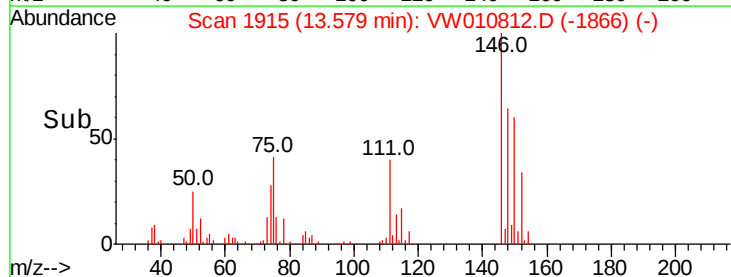
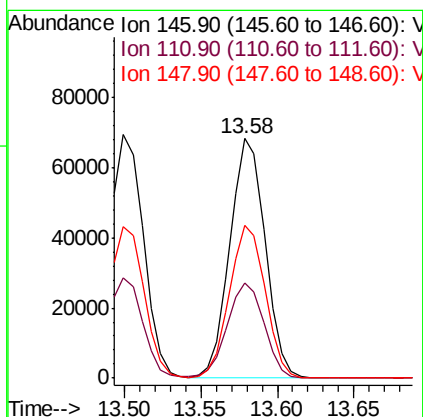
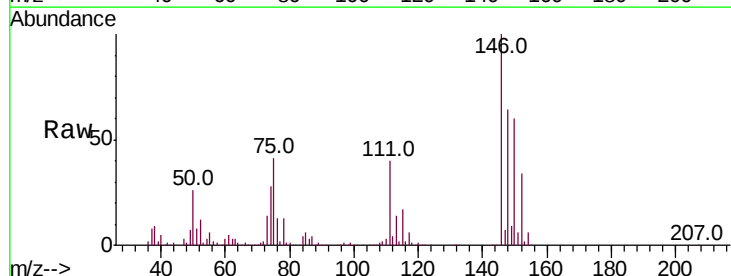
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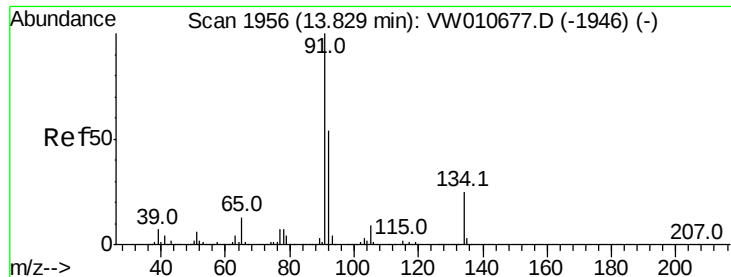
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#88
 1,4-Dichlorobenzene
 Concen: 21.162 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.3	60.9
148	64.7	32.4	97.2





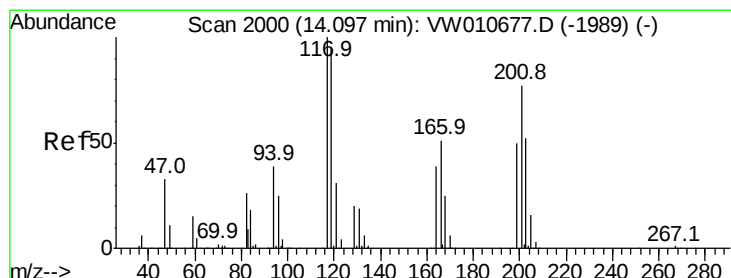
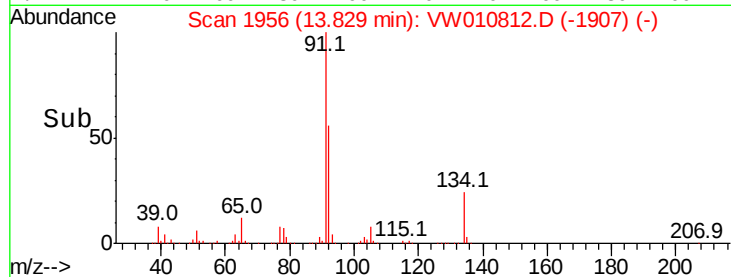
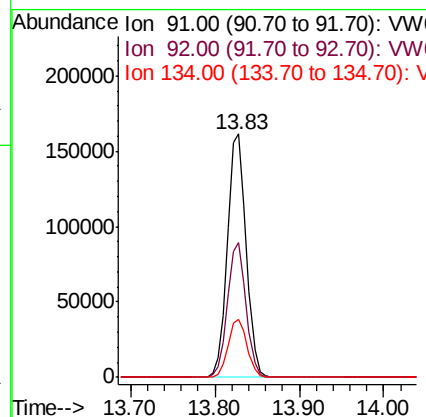
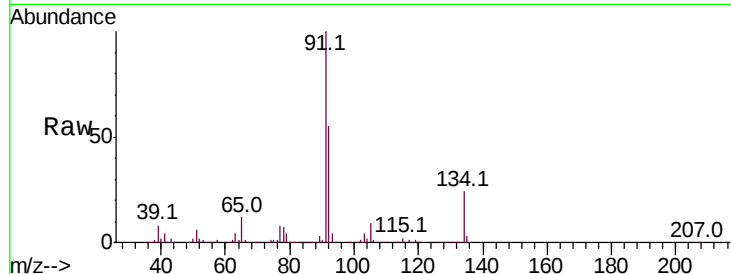
#89
n-Butylbenzene
Concen: 21.960 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.3	81.8
134	23.9	12.3	36.9

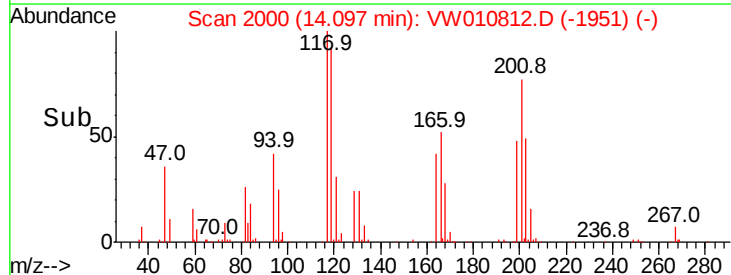
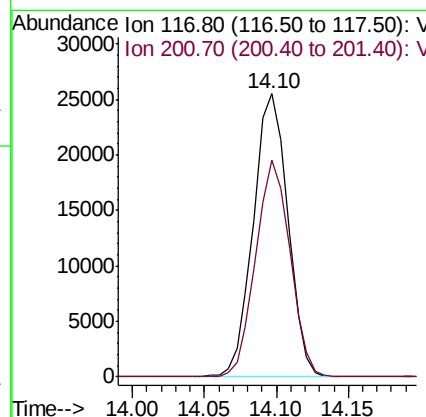
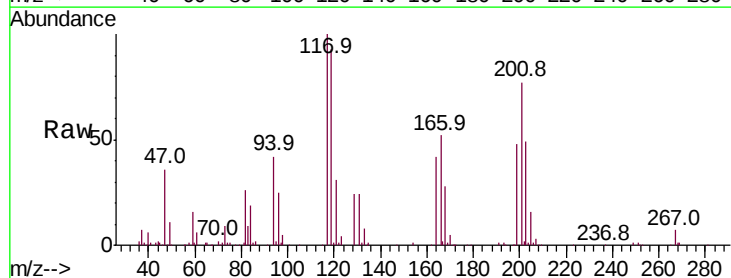
Manual Integrations
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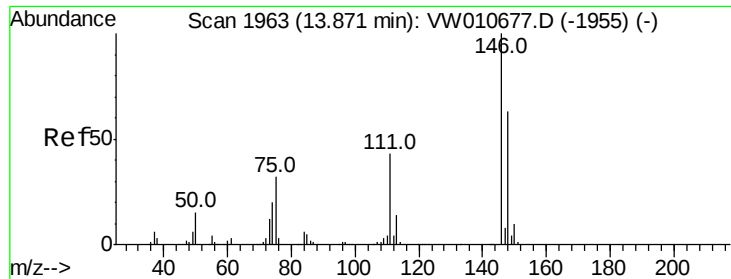
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#90
Hexachloroethane
Concen: 21.120 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.0	38.8	116.4





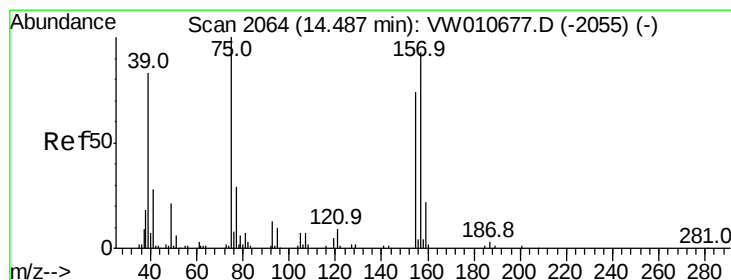
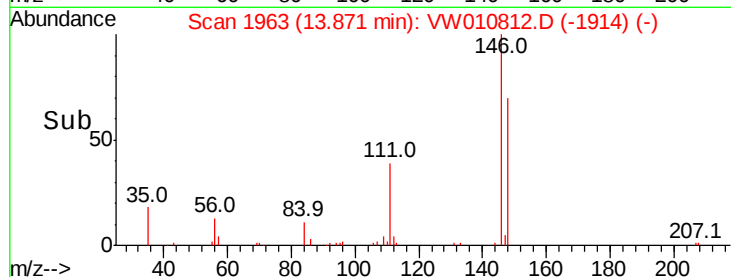
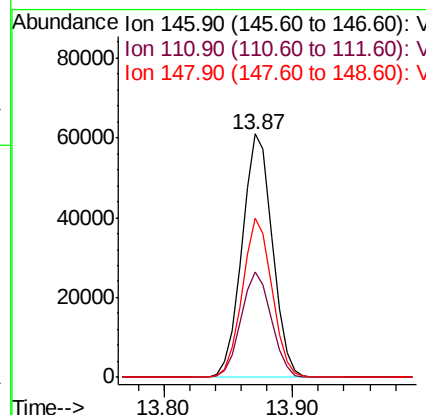
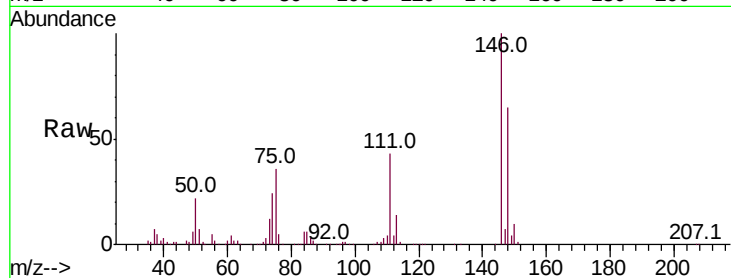
#91
 1,2-Dichlorobenzene
 Concen: 21.092 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.5	64.5
148	64.1	31.9	95.5

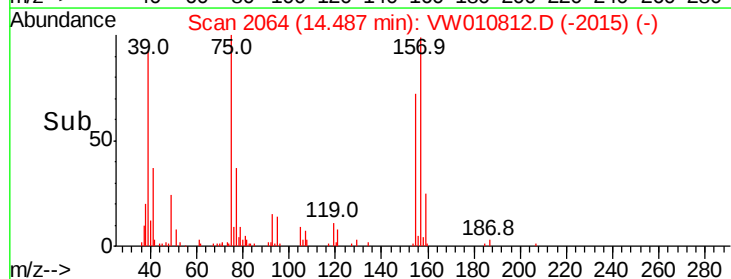
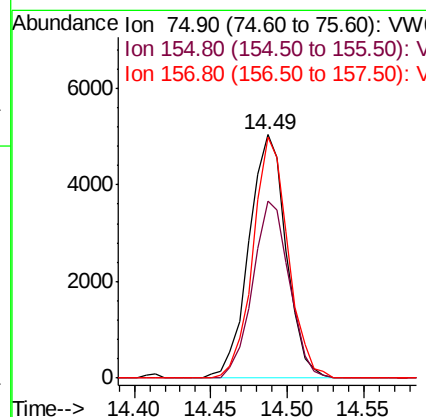
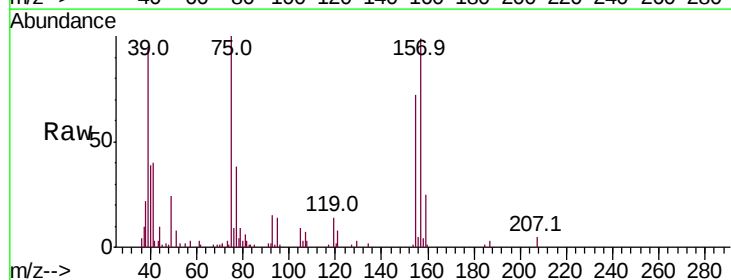
Manual Integrations
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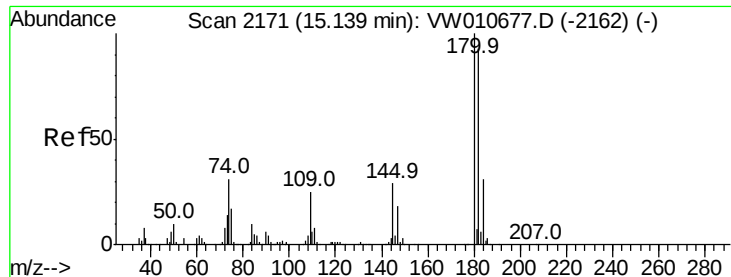
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.035 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.2	38.8	116.4
157	93.0	48.4	145.0





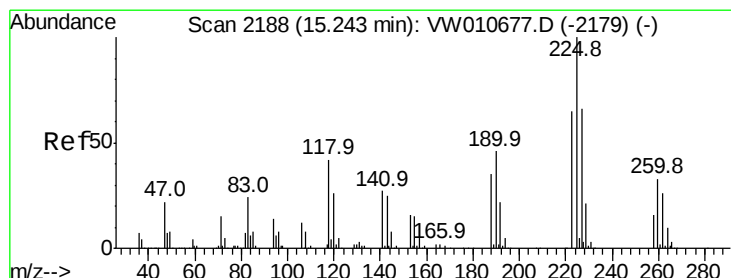
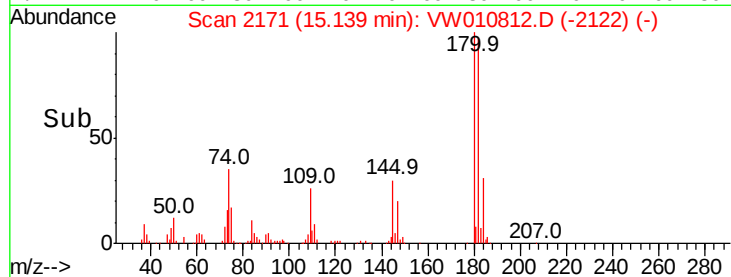
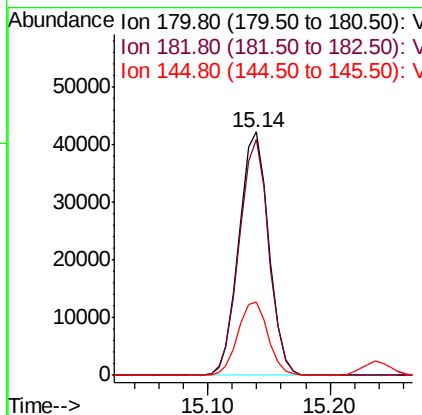
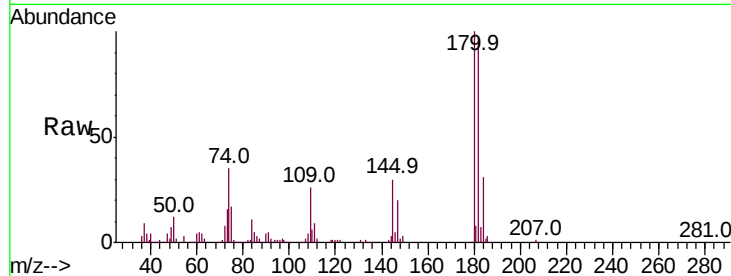
#93
 1,2,4-Trichlorobenzene
 Concen: 21.642 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.1	141.4
145	30.7	15.2	45.5

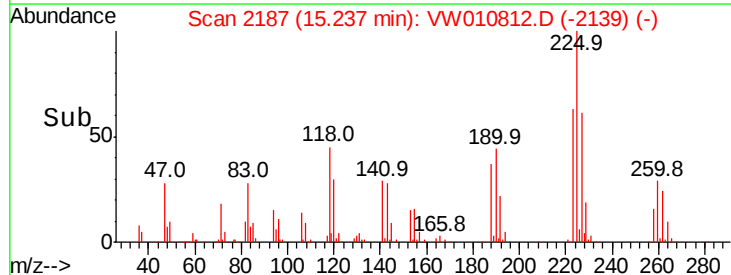
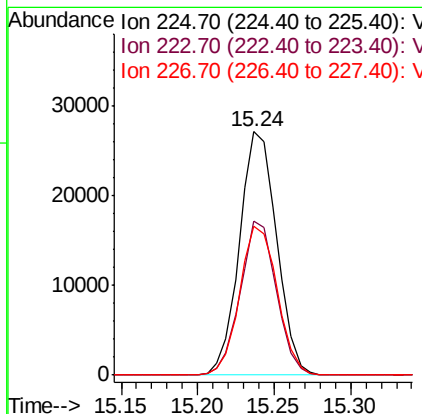
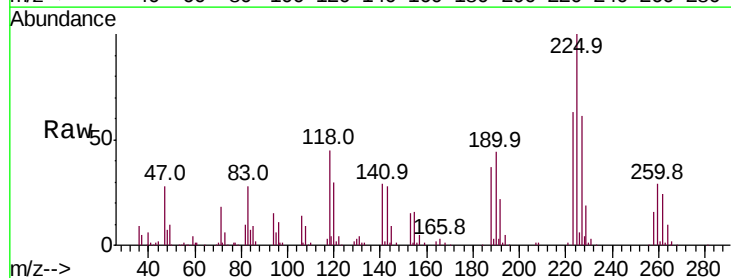
Manual Integrations
 APPROVED

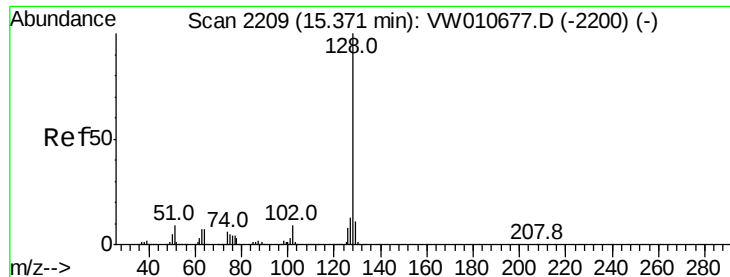
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#94
 Hexachlorobutadiene
 Concen: 22.283 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	32.2	96.6
227	61.8	32.0	96.0





#95

Naphthalene

Concen: 20.737 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

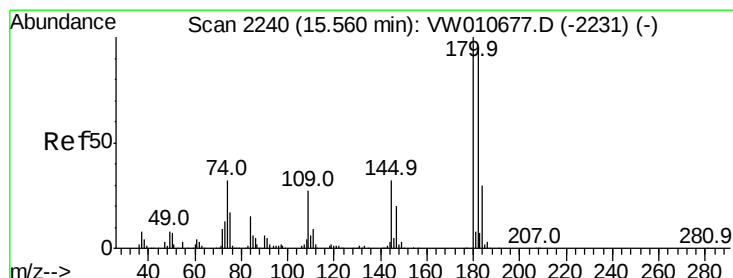
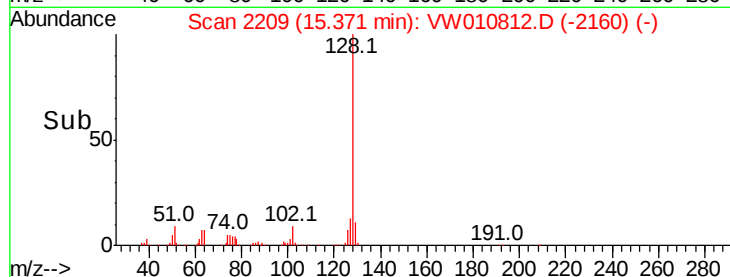
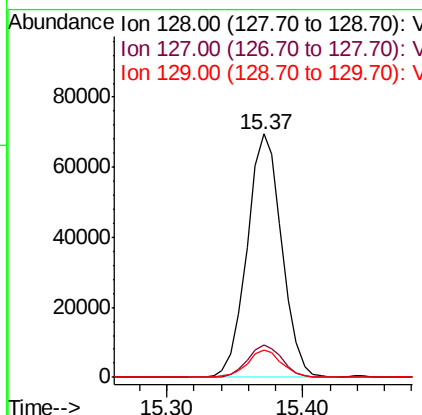
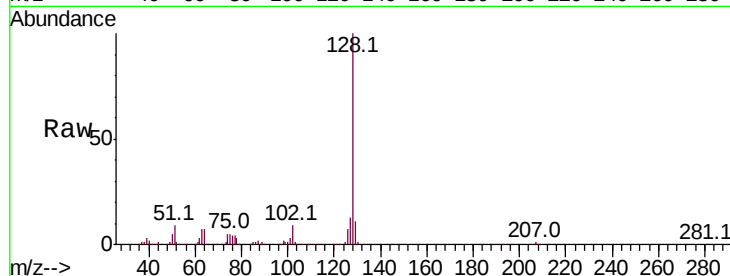
ClientSampleId :

VW0614SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	123922		
127	13.2	10.6	15.8	
129	11.1	8.6	13.0	

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 22.056 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	61697		
182	94.8	47.0	141.0	
145	31.7	16.1	48.3	

