

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061219\
 Data File : VW010774.D
 Acq On : 12 Jun 2019 13:24
 Operator : SY/VA
 Sample : VW0612SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 11:31:57 AM

Quant Time: Jun 13 07:57:19 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	253705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	415973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	126827	42.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.82%	
35) Dibromofluoromethane	7.88	113	100226	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
50) Toluene-d8	10.32	98	429536	43.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.76%	
62) 4-Bromofluorobenzene	12.62	95	156519	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	46669	19.906	ug/l	98
3) Chloromethane	2.21	50	69907	20.267	ug/l	98
4) Vinyl Chloride	2.35	62	60836	19.089	ug/l	98
5) Bromomethane	2.74	94	36616	20.922	ug/l	93
6) Chloroethane	2.90	64	36742	19.207	ug/l	99
7) Trichlorofluoromethane	3.25	101	83134	20.096	ug/l	100
8) Diethyl Ether	3.68	74	26400	17.857	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50484	19.849	ug/l	99
10) Methyl Iodide	4.27	142	31935	15.817	ug/l	100
11) Tert butyl alcohol	5.16	59	31631	129.839	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	48018	19.571	ug/l	98
13) Acrolein	3.89	56	5357	53.812	ug/l	98
14) Allyl chloride	4.67	41	109049	20.158	ug/l	100
15) Acrylonitrile	5.37	53	62363	86.829	ug/l	99
16) Acetone	4.12	43	69361	86.565	ug/l	100
17) Carbon Disulfide	4.37	76	146344	18.790	ug/l	99
18) Methyl Acetate	4.67	43	31604	18.323	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	129935	18.362	ug/l	99
20) Methylene Chloride	4.92	84	57220	20.357	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	54945	19.727	ug/l	99
22) Diisopropyl ether	6.31	45	217690	20.100	ug/l	99
23) Vinyl Acetate	6.25	43	589334	90.165	ug/l	100
24) 1,1-Dichloroethane	6.21	63	109688	20.209	ug/l	99
25) 2-Butanone	7.17	43	96783	87.109	ug/l	97
26) 2,2-Dichloropropane	7.16	77	96605	21.873	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	60276	19.665	ug/l	94
28) Bromochloromethane	7.51	49	45529	18.796	ug/l	97
29) Tetrahydrofuran	7.52	42	59247	84.778	ug/l	99
30) Chloroform	7.68	83	98859	19.913	ug/l	98
31) Cyclohexane	7.95	56	118707	19.675	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	88123	20.320	ug/l	99
36) 1,1-Dichloropropene	8.08	75	85006	19.964	ug/l	100
37) Ethyl Acetate	7.25	43	40204	17.039	ug/l	99
38) Carbon Tetrachloride	8.07	117	73791	20.075	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	104970	19.393	ug/l	98
40) Benzene	8.32	78	230780	19.868	ug/l	99
41) Methacrylonitrile	7.49	41	23816	16.981	ug/l	97
42) 1,2-Dichloroethane	8.40	62	70272	19.061	ug/l	98
43) Isopropyl Acetate	8.43	43	77320	16.962	ug/l	97
44) Trichloroethene	9.09	130	56384	19.678	ug/l	98
45) 1,2-Dichloropropane	9.37	63	60453	19.660	ug/l	96
46) Dibromomethane	9.46	93	26267	18.392	ug/l	98
47) Bromodichloromethane	9.64	83	71274	19.252	ug/l	96
48) Methyl methacrylate	9.44	41	37738	17.171	ug/l	100
49) 1,4-Dioxane	9.44	88	8220	368.125	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	198540	85.255	ug/l	99
52) Toluene	10.39	92	141570	19.808	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	73033	18.625	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	89621	19.423	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	37309	18.133	ug/l	95
56) Ethyl methacrylate	10.65	69	54708	17.280	ug/l	95
57) 1,3-Dichloropropane	10.93	76	72084	18.591	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	140631	84.807	ug/l	99
59) 2-Hexanone	10.97	43	137933	81.954	ug/l	99
60) Dibromochloromethane	11.13	129	41588	18.234	ug/l	98
61) 1,2-Dibromoethane	11.24	107	34526	17.711	ug/l	99
64) Tetrachloroethene	10.86	164	47111	19.468	ug/l	97
65) Chlorobenzene	11.66	112	142805	19.925	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	49154	19.812	ug/l	100
67) Ethyl Benzene	11.73	91	276154	20.048	ug/l	98
68) m/p-Xylenes	11.84	106	199845	40.530	ug/l	99
69) o-Xylene	12.17	106	92590	19.799	ug/l	95
70) Styrene	12.18	104	161950	19.935	ug/l	99
71) Bromoform	12.35	173	22090	17.215	ug/l #	100
73) Isopropylbenzene	12.47	105	263048	20.082	ug/l	99
74) N-amyl acetate	12.27	43	74082	17.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43311	17.369	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33215m	18.146	ug/l	
77) Bromobenzene	12.75	156	55870	19.540	ug/l	99
78) n-propylbenzene	12.80	91	322113	20.394	ug/l	99
79) 2-Chlorotoluene	12.90	91	183023	20.283	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	219258	20.450	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13163	16.527	ug/l	97
82) 4-Chlorotoluene	12.99	91	190420	20.449	ug/l	98
83) tert-Butylbenzene	13.21	119	190946	20.985	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	219529	20.348	ug/l	100
85) sec-Butylbenzene	13.39	105	268979	20.304	ug/l	100
86) p-Isopropyltoluene	13.50	119	240510	20.301	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	108953	19.760	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	107655	19.694	ug/l	98
89) n-Butylbenzene	13.83	91	243839	20.629	ug/l	100
90) Hexachloroethane	14.10	117	42207	19.894	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	95848	19.330	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7663	17.896	ug/l	89

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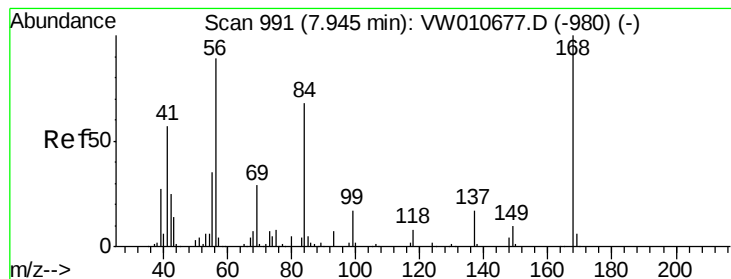
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	64682	18.588	ug/l	99
94) Hexachlorobutadiene	15.24	225	44198	20.238	ug/l	98
95) Naphthalene	15.37	128	103605	16.387	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	54834	18.529	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

Tot Ion:168 Resp: 253705

Ion Ratio Lower Upper

168 100

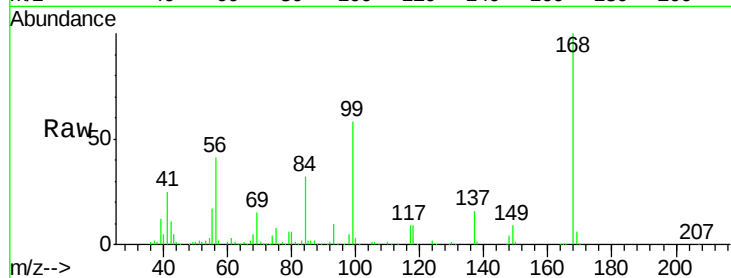
99 57.7 47.7 71.5

Manual Integrations

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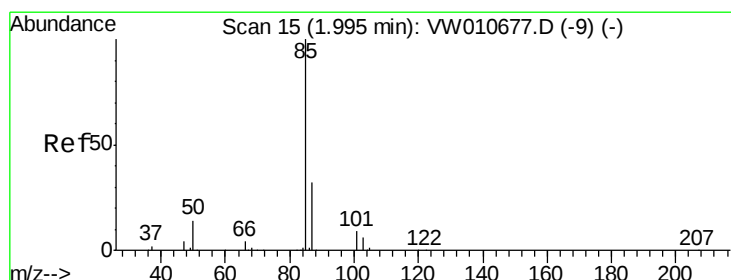
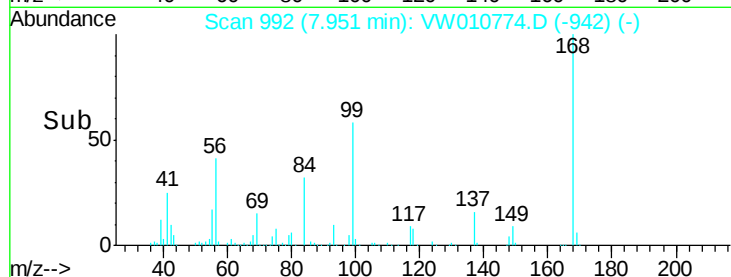
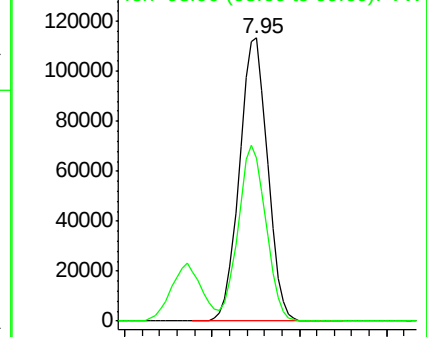
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.906 ug/l

RT: 1.99 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010774.D

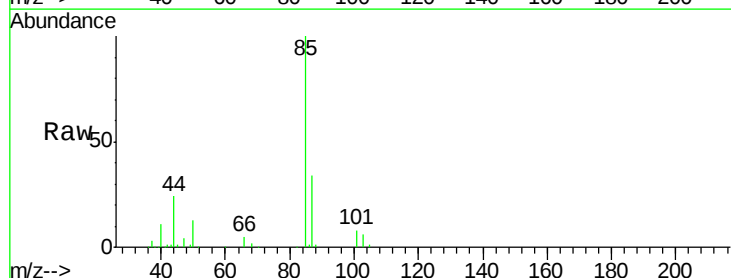
Acq: 12 Jun 2019 13:24

Tgt Ion: 85 Resp: 46669

Ion Ratio Lower Upper

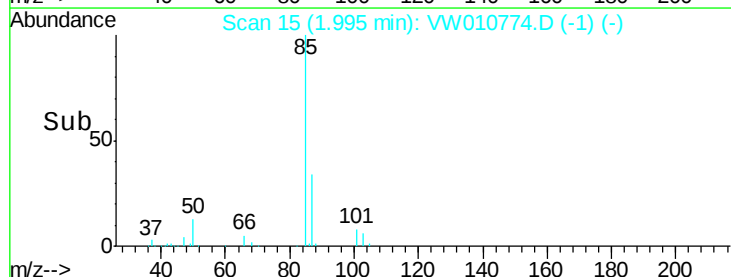
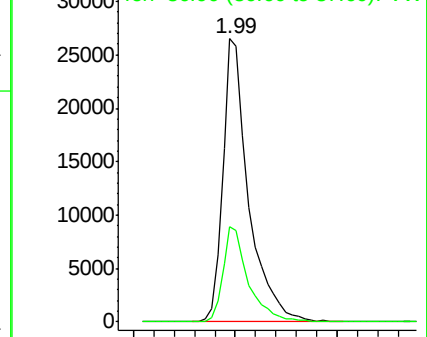
85 100

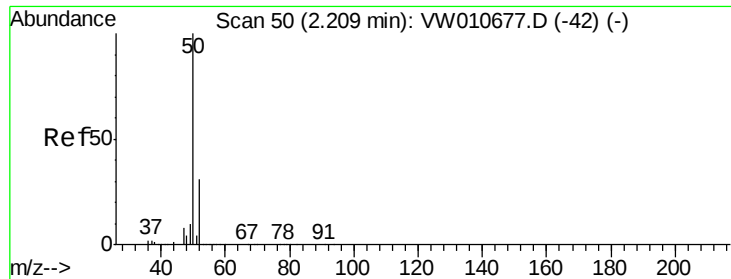
87 33.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.267 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

Tot Ion: 50 Resp: 69907

Ion Ratio Lower Upper

50 100

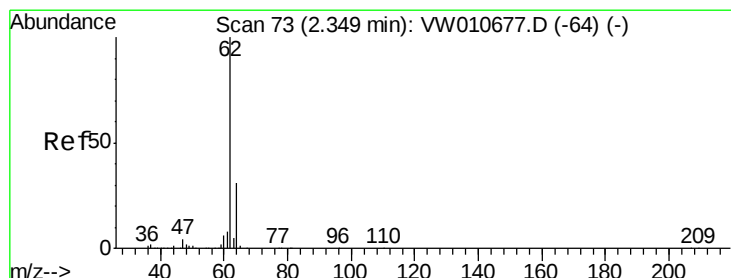
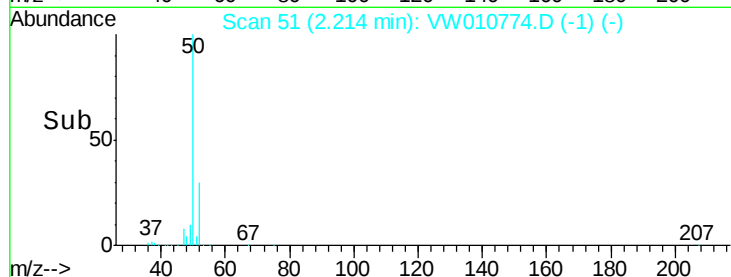
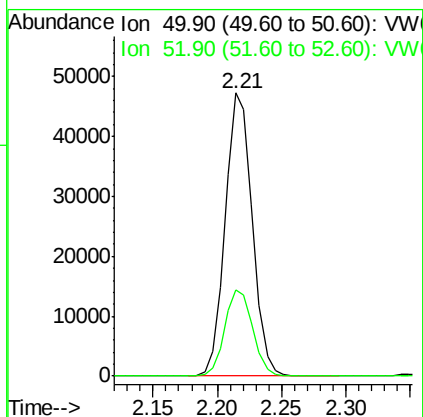
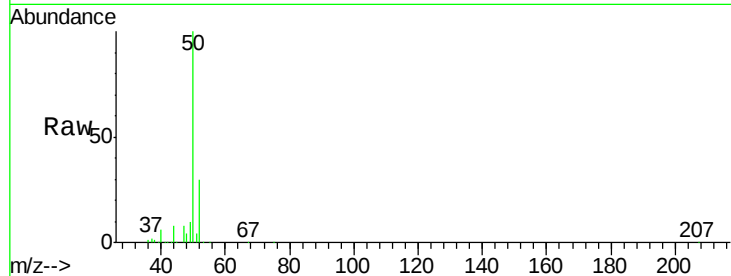
52 30.3 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.089 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010774.D

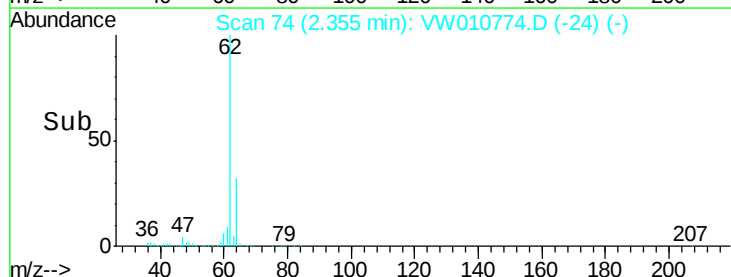
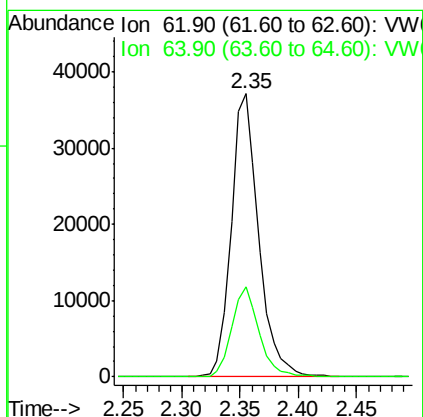
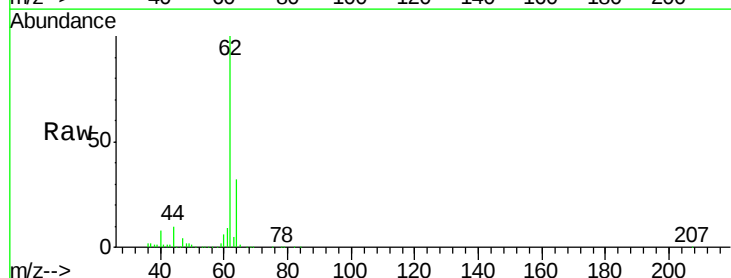
Acq: 12 Jun 2019 13:24

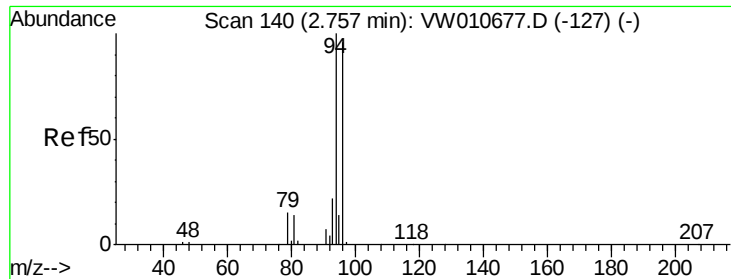
Tgt Ion: 62 Resp: 60836

Ion Ratio Lower Upper

62 100

64 31.6 24.5 36.7





#5

Bromomethane

Concen: 20.922 ug/l

RT: 2.74 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

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ClientSampleId :

VW0612SBS01

Tot Ion: 94 Resp: 36616

Ion Ratio Lower Upper

94 100

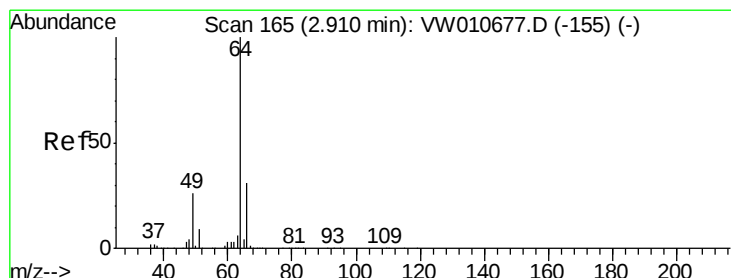
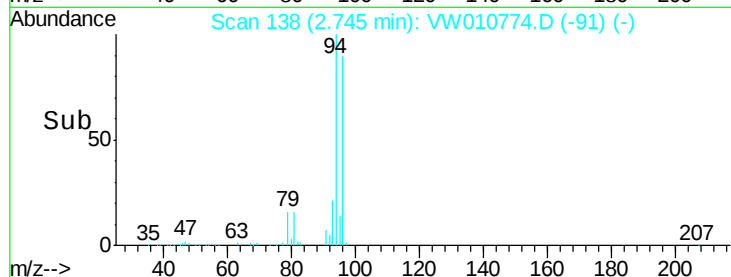
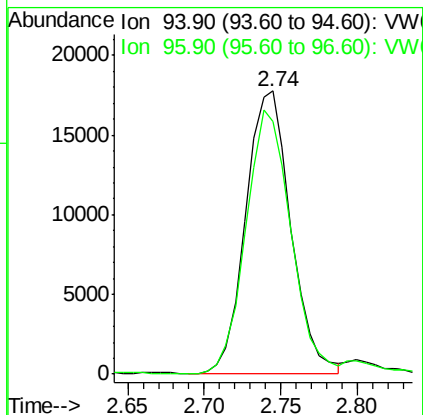
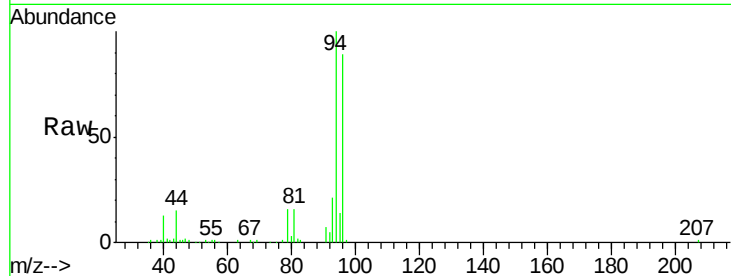
96 88.7 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 19.207 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010774.D

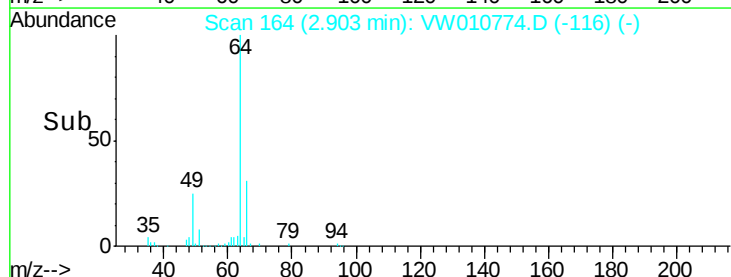
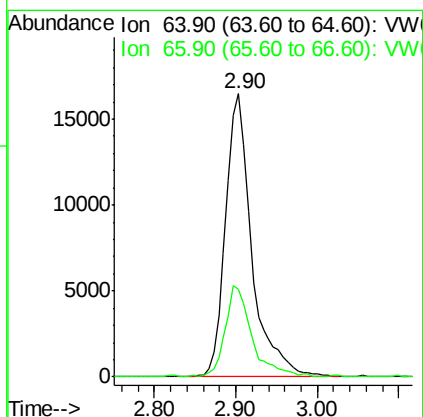
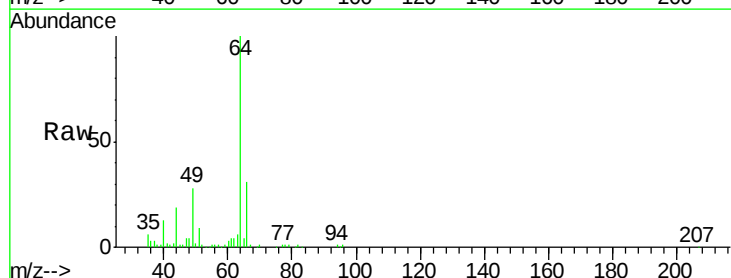
Acq: 12 Jun 2019 13:24

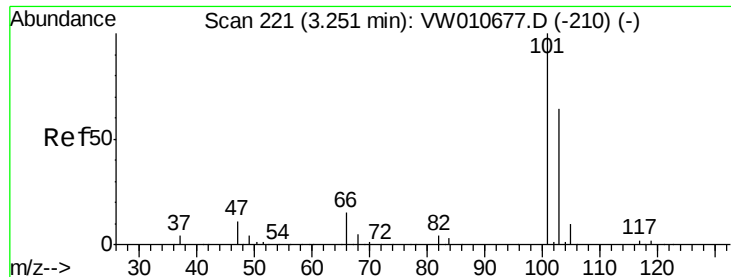
Tgt Ion: 64 Resp: 36742

Ion Ratio Lower Upper

64 100

66 31.0 25.1 37.7





#7

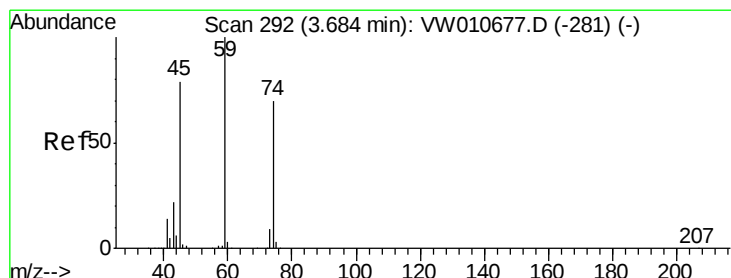
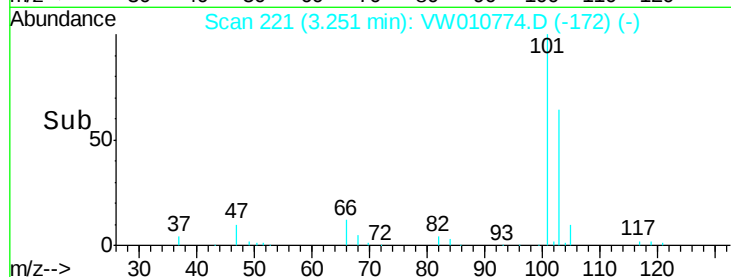
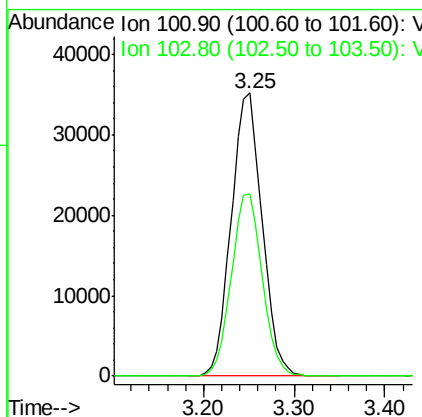
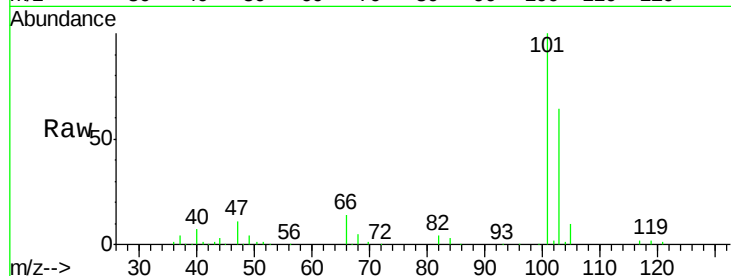
Trichlorofluoromethane
Concen: 20.096 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.2	76.8

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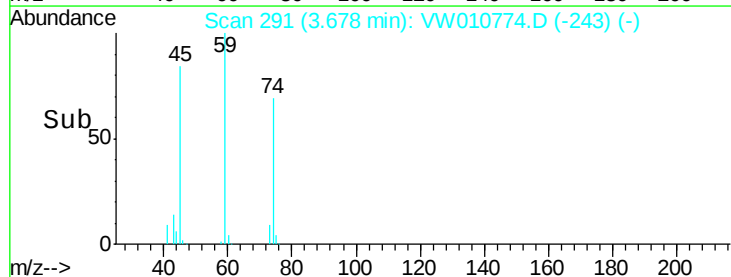
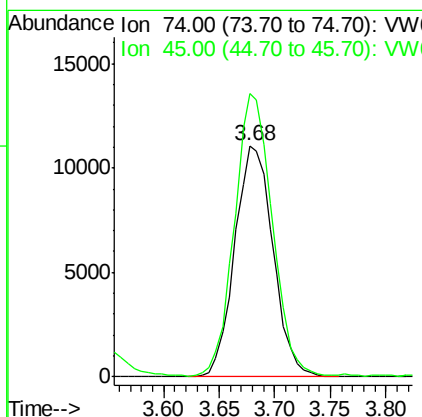
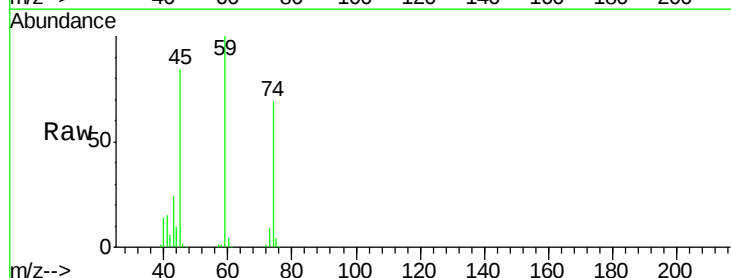
MMDadoda
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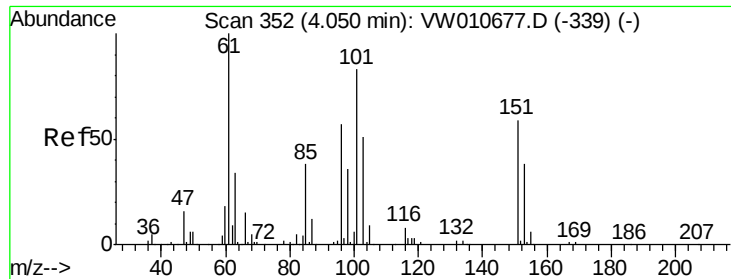


#8

Diethyl Ether
Concen: 17.857 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	121.8	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.849 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

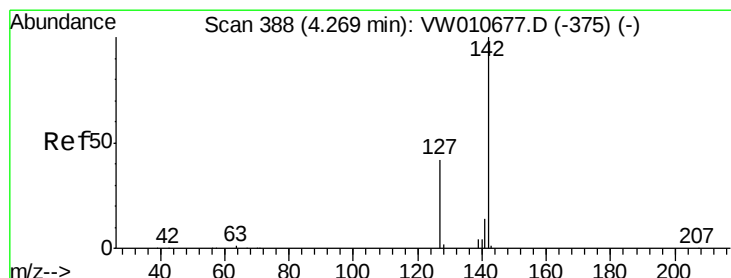
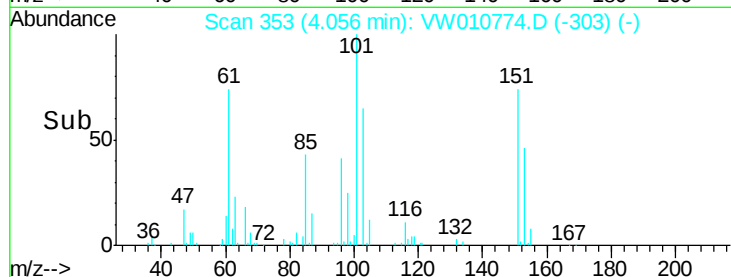
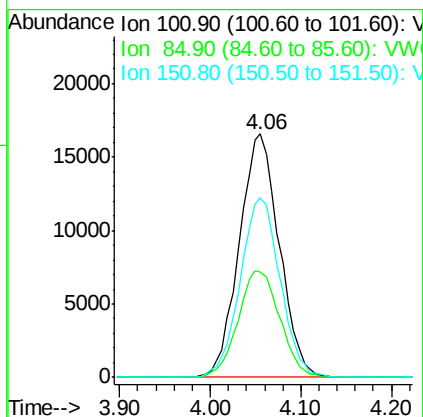
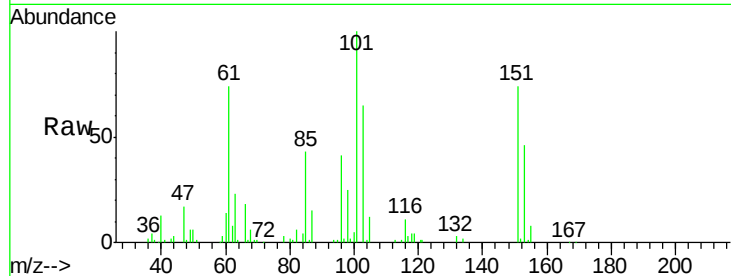
ClientSampleId :

VW0612SBS01

Tot Ion:	101	Resp:	50484
Ion Ratio	Lower	Upper	
101	100		
85	45.8	35.8	53.8
151	73.7	58.1	87.1

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#10

Methyl Iodide

Concen: 15.817 ug/l

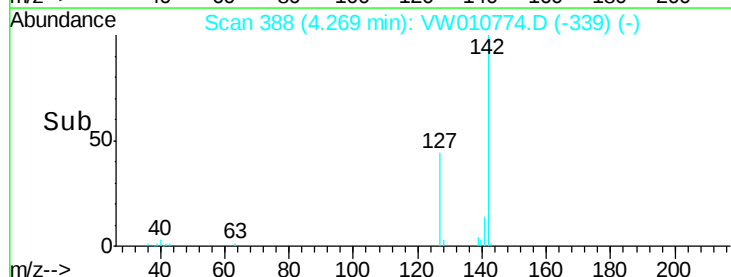
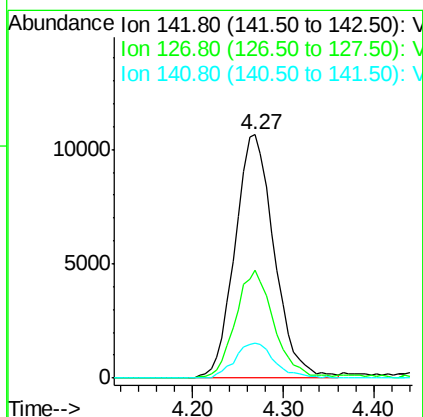
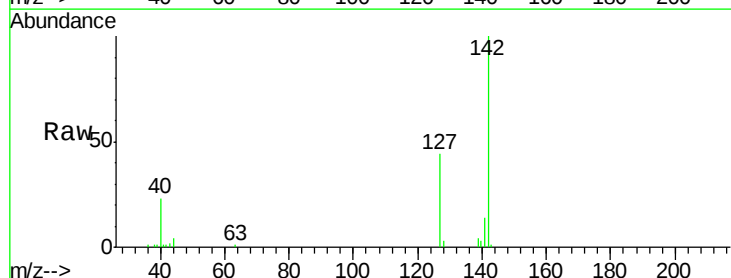
RT: 4.27 min Scan# 388

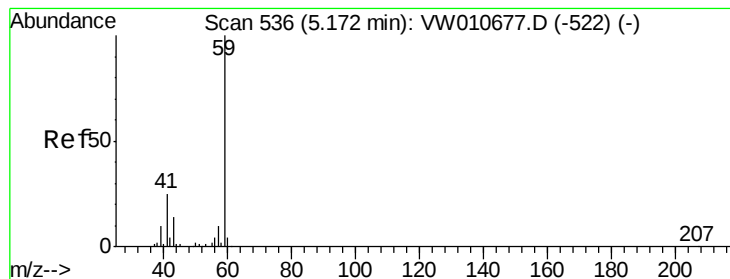
Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Tgt Ion:	142	Resp:	31935
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.6	51.8
141	14.5	11.6	17.4





#11

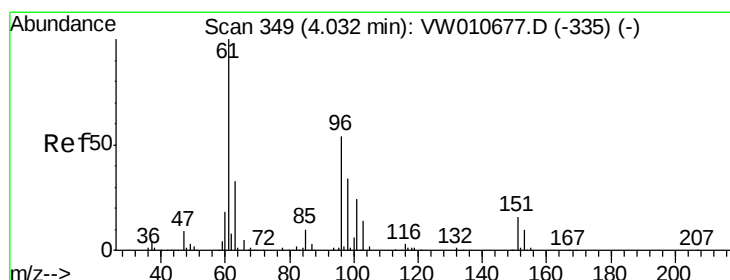
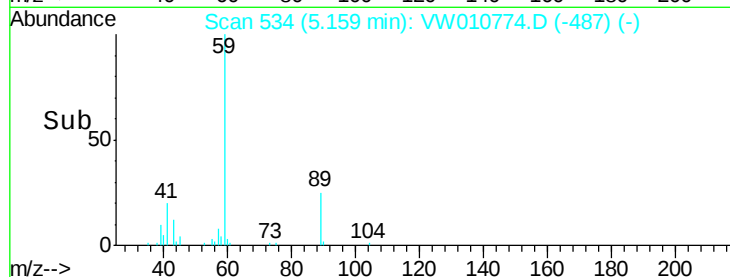
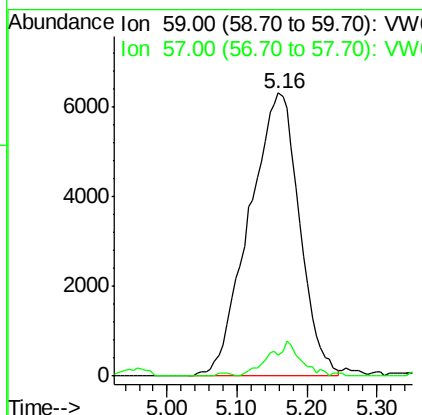
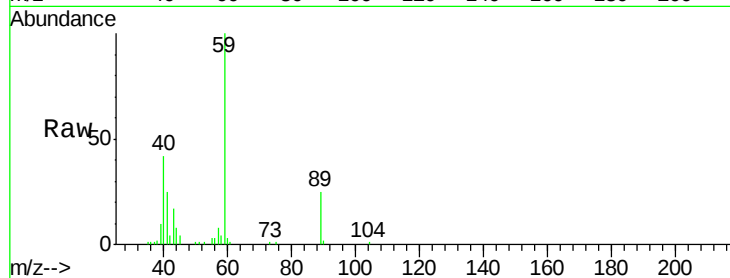
Tert butyl alcohol
 Concen: 129.839 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.7	8.6	12.8#

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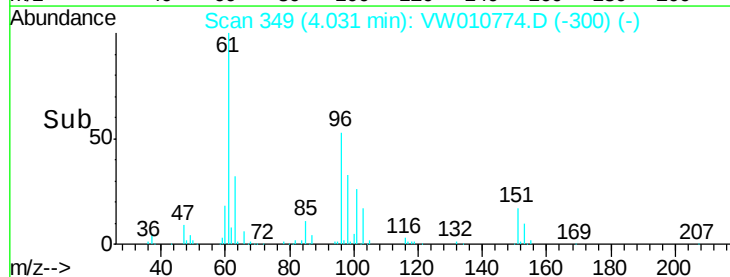
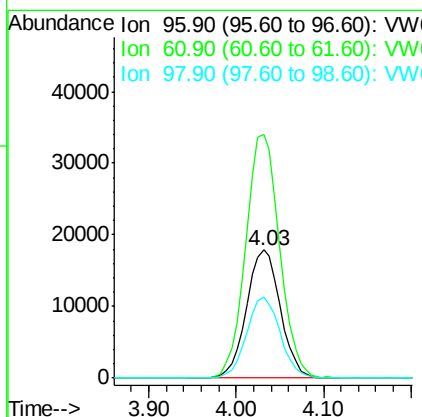
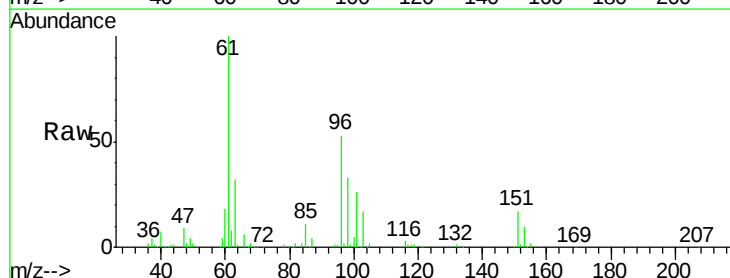
MMDadoda
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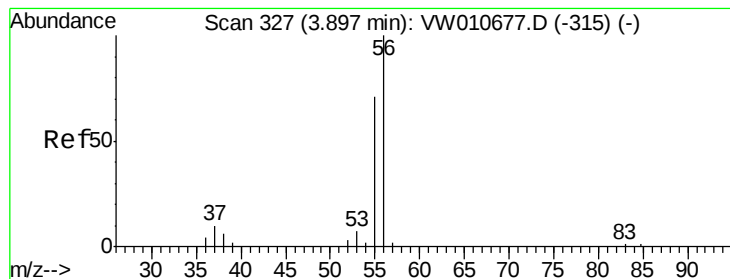


#12

1,1-Dichloroethene
 Concen: 19.571 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	190.1	149.1	223.7
98	63.6	51.1	76.7





#13

Acrolein

Concen: 53.812 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

Tot Ion: 56 Resp: 5357

Ion Ratio Lower Upper

56 100

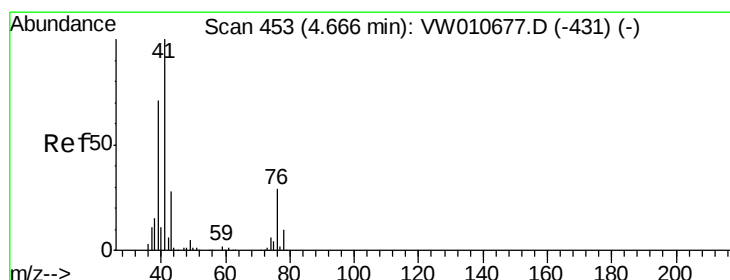
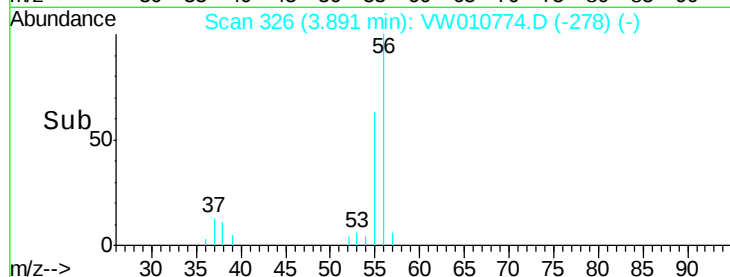
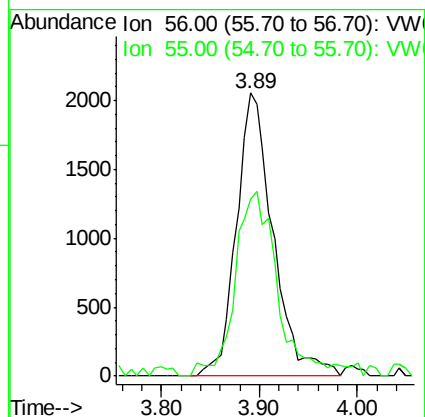
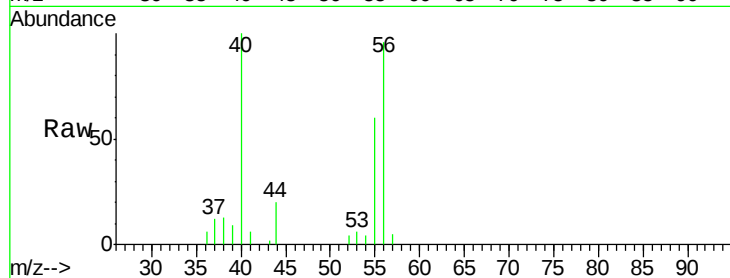
55 73.6 57.6 86.4

Manual Integrations

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#14

Allyl chloride

Concen: 20.158 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

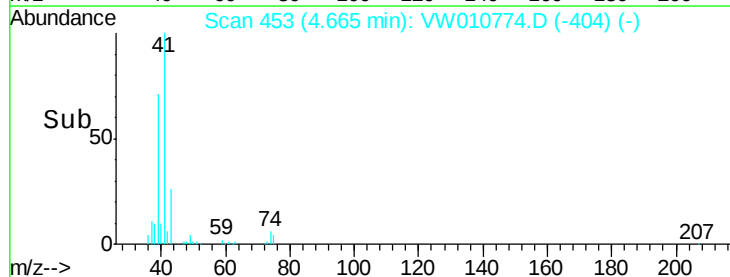
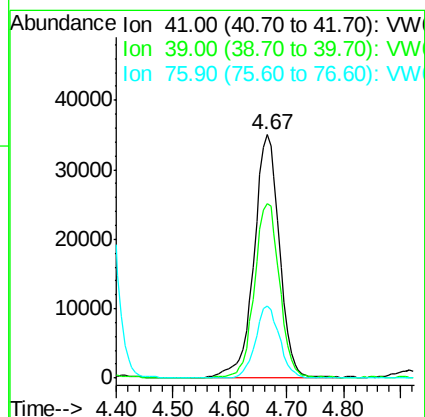
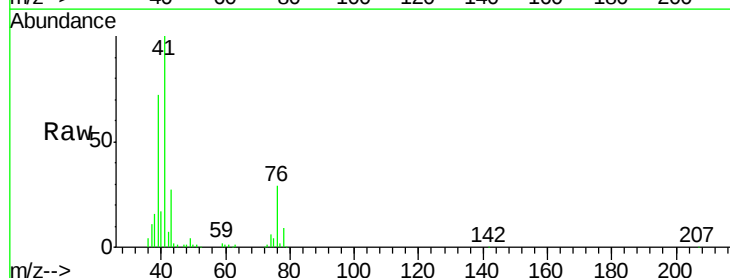
Tgt Ion: 41 Resp: 109049

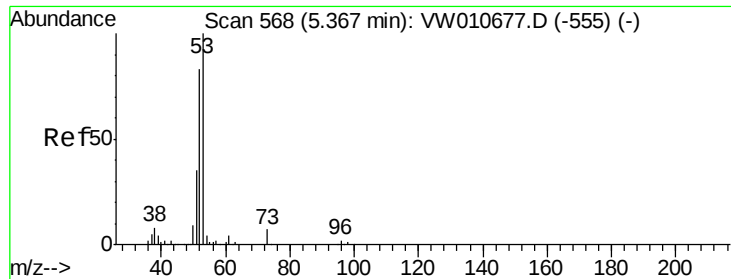
Ion Ratio Lower Upper

41 100

39 69.7 55.8 83.6

76 27.6 22.7 34.1





#15

Acrylonitrile

Concen: 86.829 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

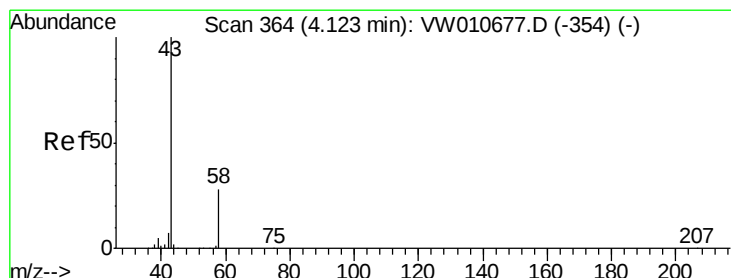
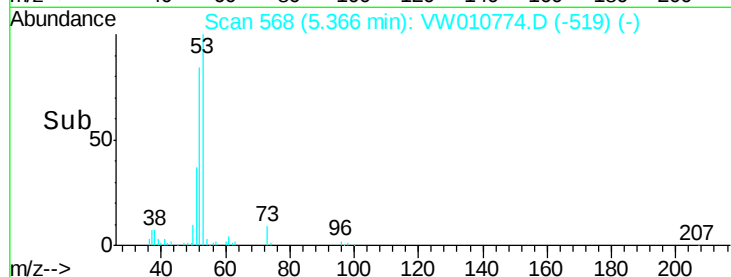
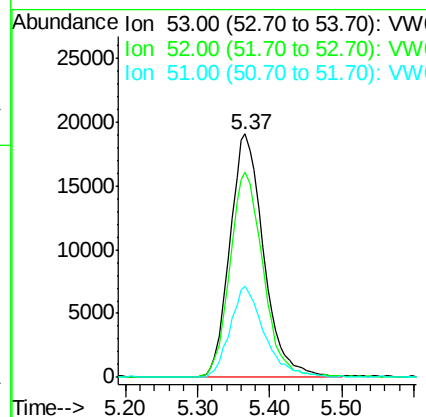
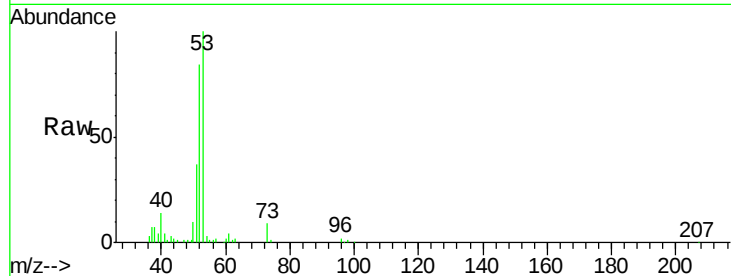
ClientSampleId :

VW0612SBS01

Tot Ion:	53	Resp:	62363
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.6	100.0
51	38.1	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 86.565 ug/l

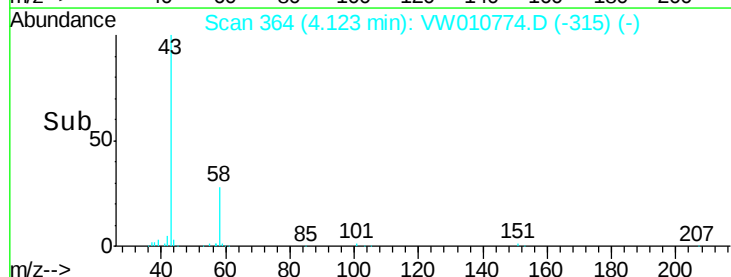
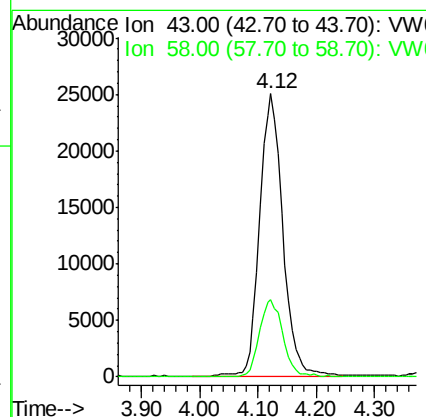
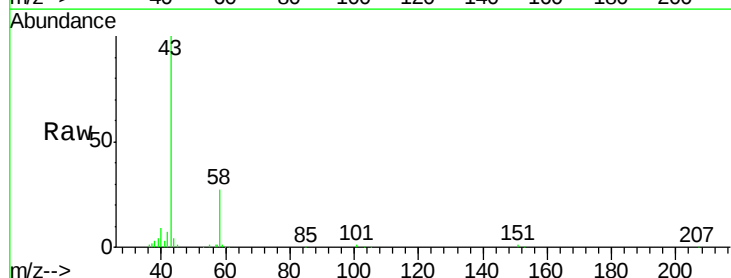
RT: 4.12 min Scan# 364

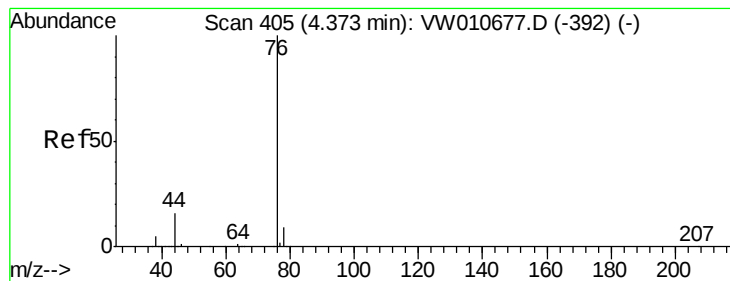
Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Tgt Ion:	43	Resp:	69361
Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.1	33.1





#17

Carbon Disulfide

Concen: 18.790 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

Tot Ion: 76 Resp: 146344

Ion Ratio Lower Upper

76 100

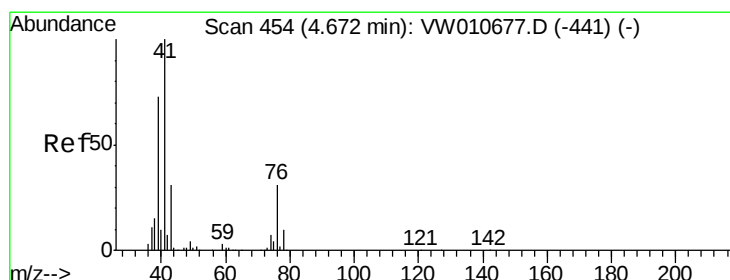
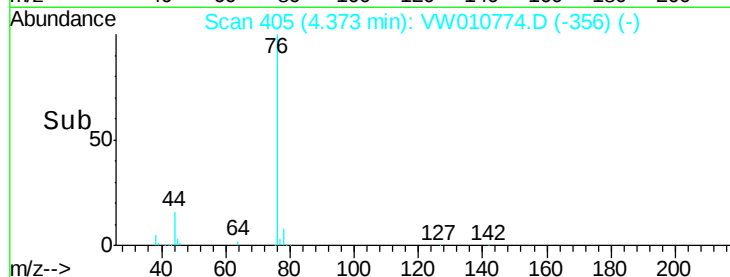
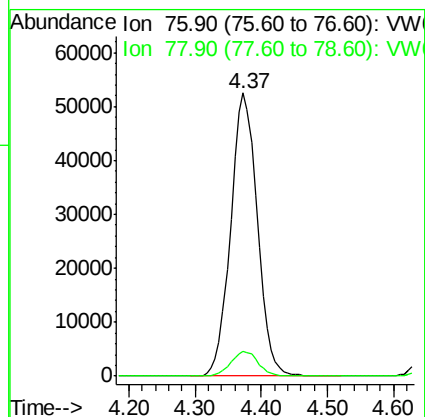
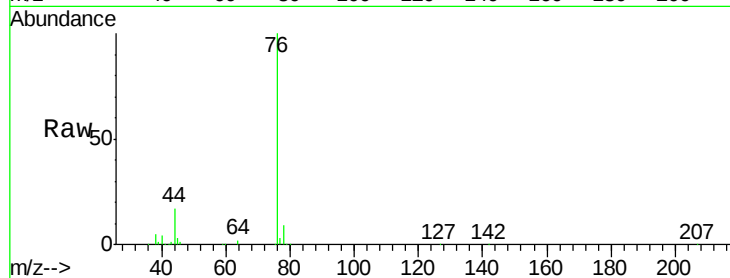
78 8.9 7.5 11.3

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#18

Methyl Acetate

Concen: 18.323 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010774.D

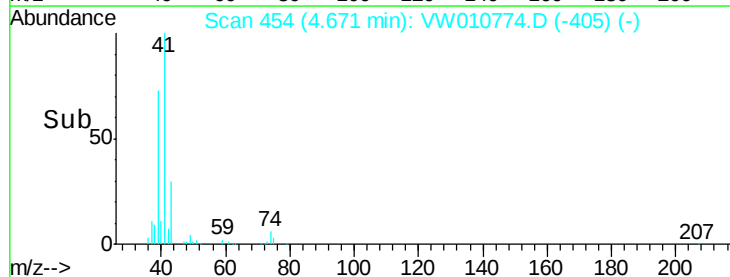
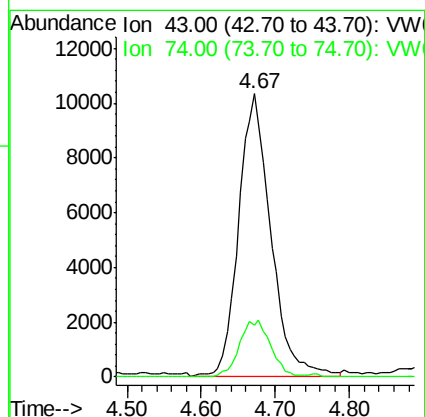
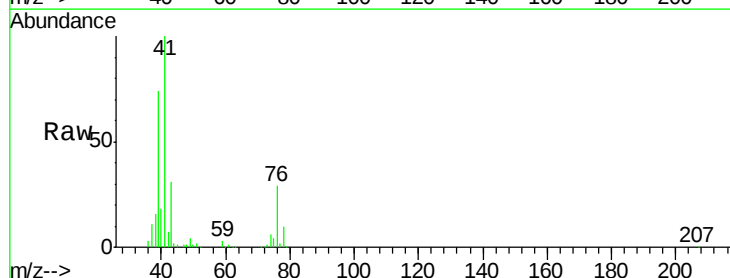
Acq: 12 Jun 2019 13:24

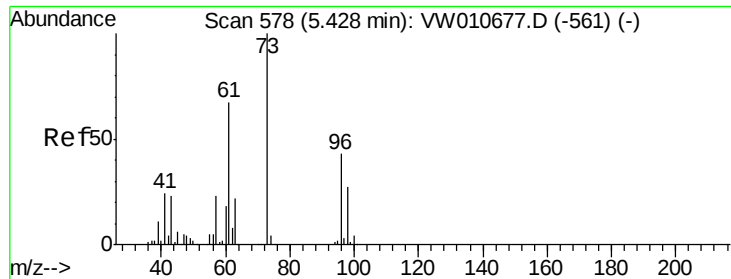
Tgt Ion: 43 Resp: 31604

Ion Ratio Lower Upper

43 100

74 19.4 16.7 25.1





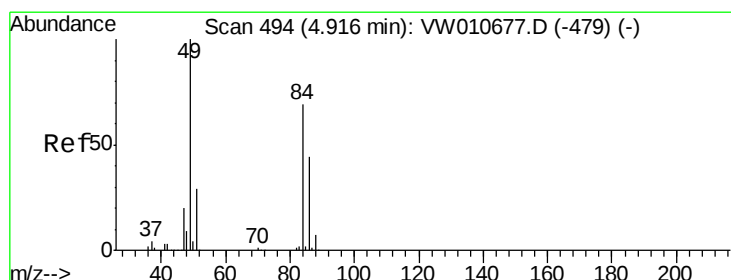
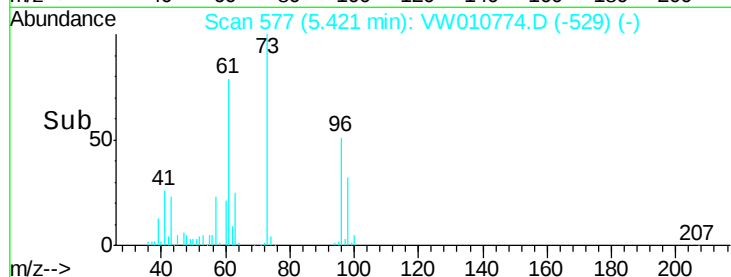
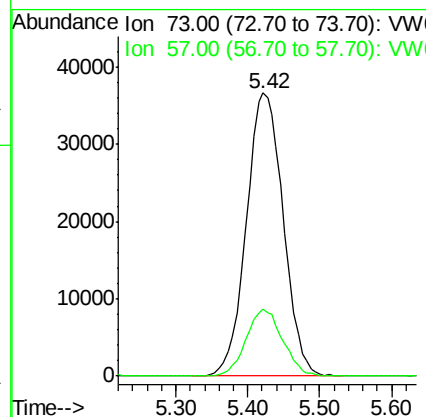
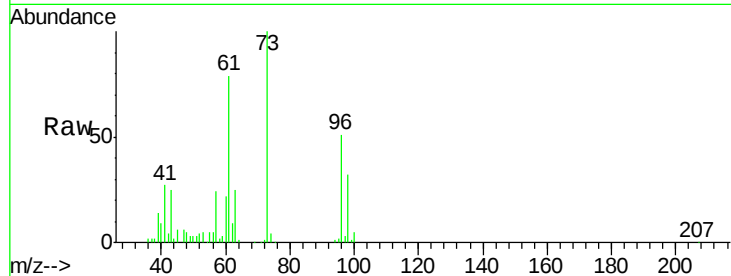
#19
Methvl tert-butvl Ether
Concen: 18.362 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.6	18.6	27.8

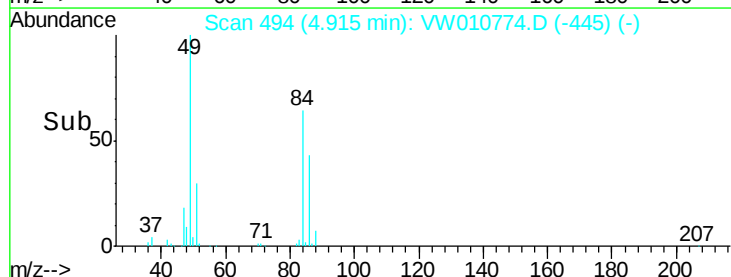
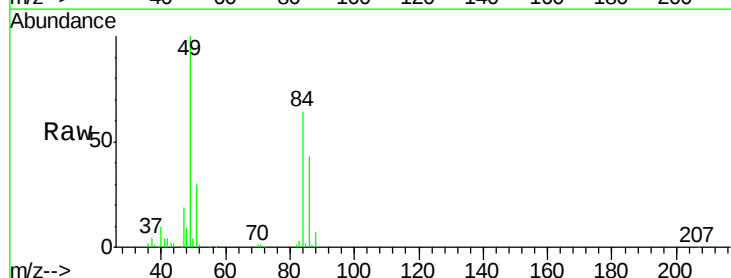
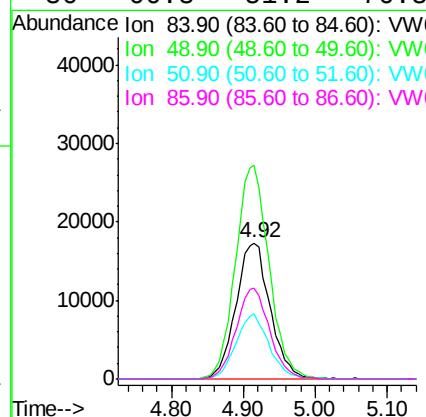
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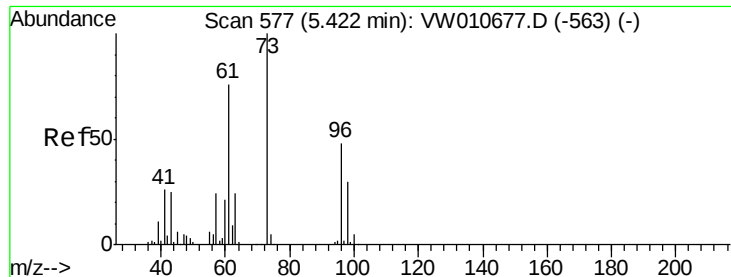
MMDadoda
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#20
Methylene Chloride
Concen: 20.357 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	156.9	116.7	175.1
51	47.7	34.2	51.2
86	66.8	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 19.727 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

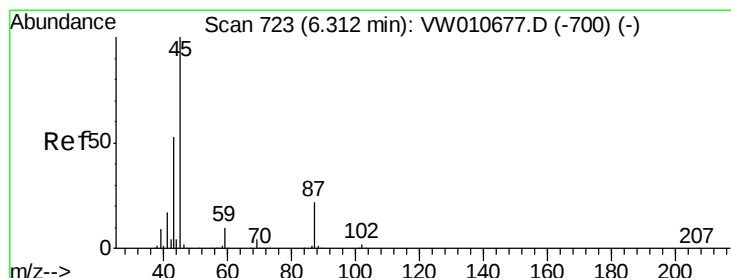
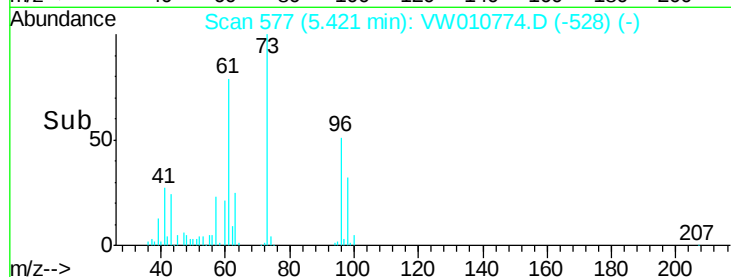
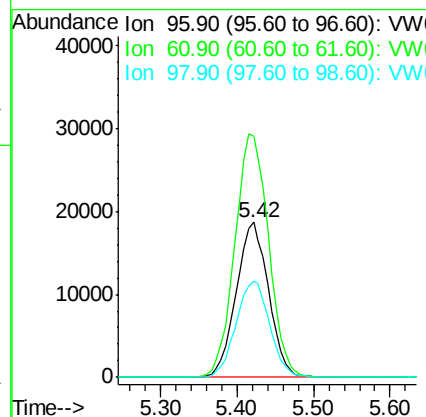
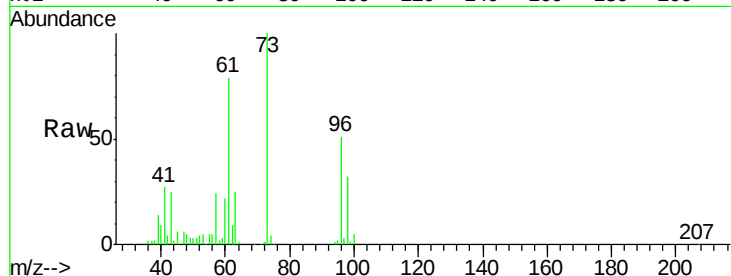
ClientSampleId :

VW0612SBS01

Tot Ion:	96	Resp:	54945
Ion	Ratio	Lower	Upper
96	100		
61	155.5	126.0	189.0
98	62.0	49.6	74.4

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#22

Diisopropyl ether

Concen: 20.100 ug/l

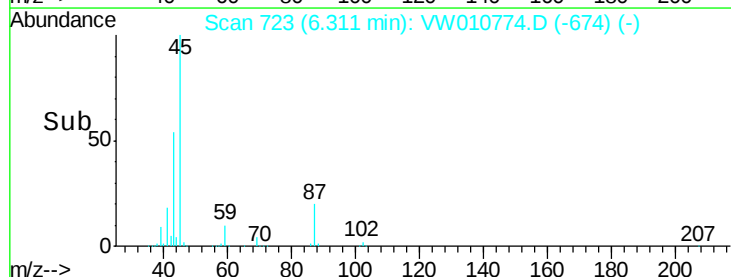
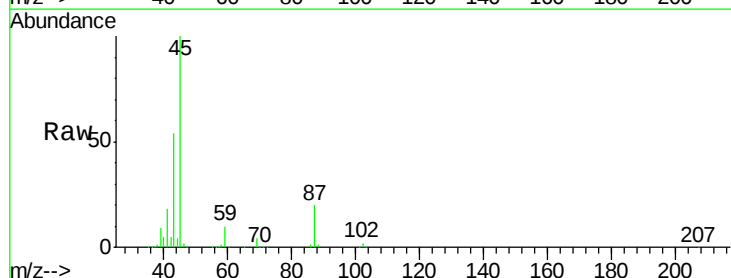
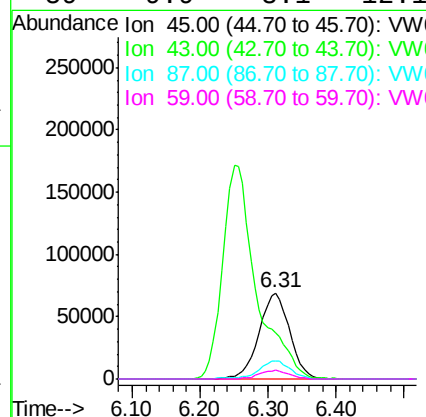
RT: 6.31 min Scan# 723

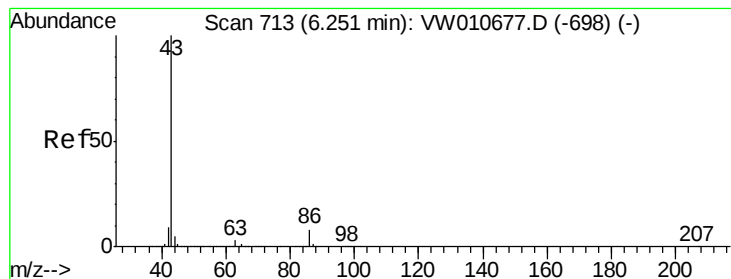
Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Tgt Ion:	45	Resp:	217690
Ion	Ratio	Lower	Upper
45	100		
43	53.7	42.5	63.7
87	20.5	17.4	26.2
59	9.9	8.1	12.1





#23

Vinyl Acetate

Concen: 90.165 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

Tot Ion: 43 Resp: 589334

Ion Ratio Lower Upper

43 100

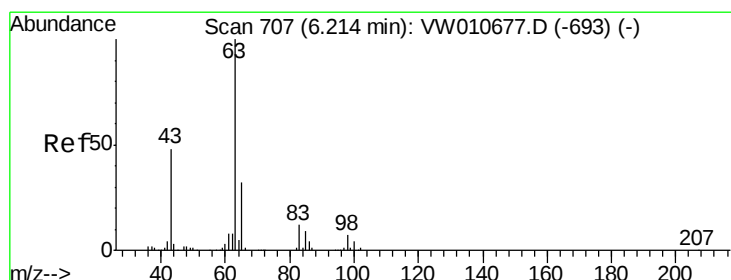
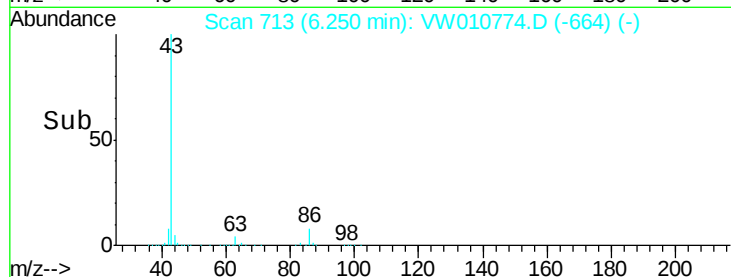
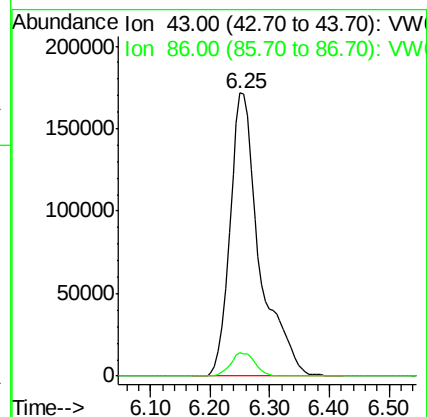
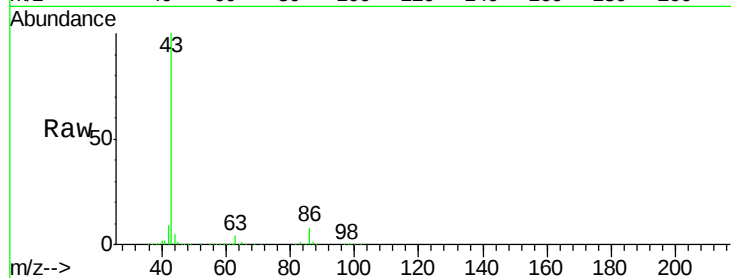
86 8.2 6.6 10.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.209 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

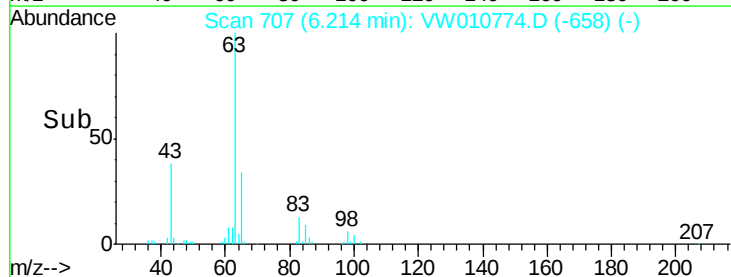
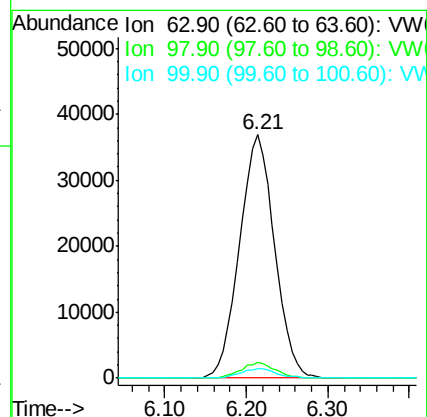
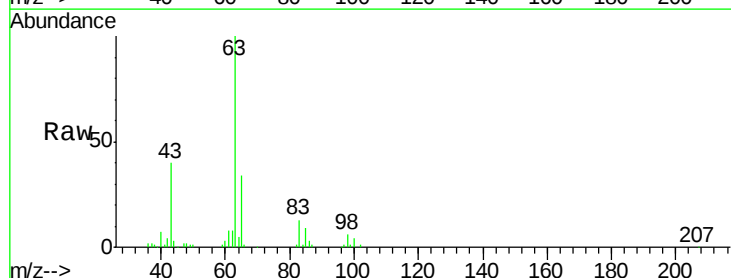
Tgt Ion: 63 Resp: 109688

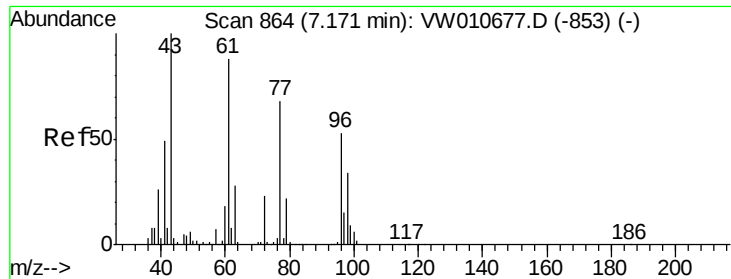
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 3.8 2.1 6.3





#25

2-Butanone

Concen: 87.109 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampled :

VW0612SBS01

Tot Ion: 43 Resp: 96783

Ion Ratio Lower Upper

43 100

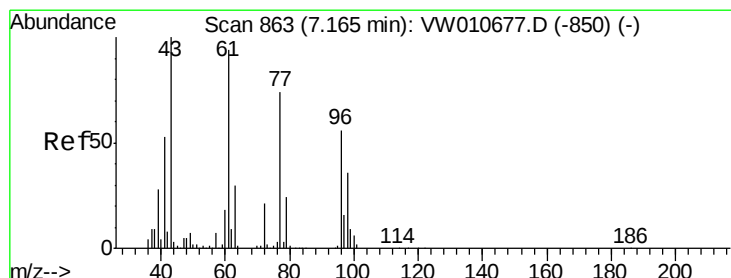
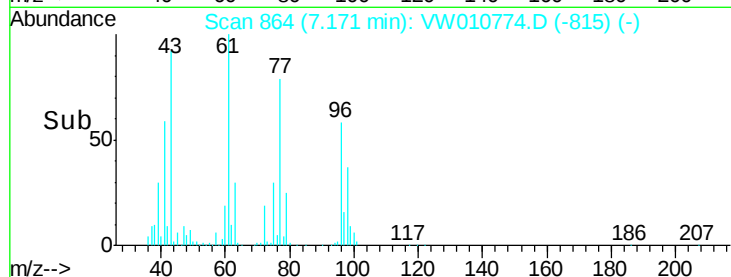
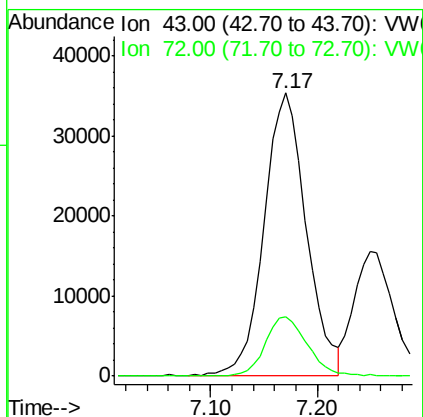
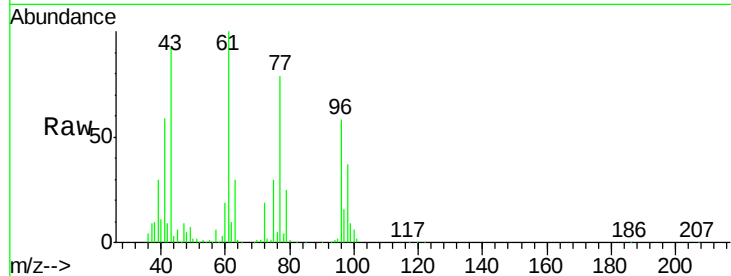
72 21.1 18.1 27.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.873 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010774.D

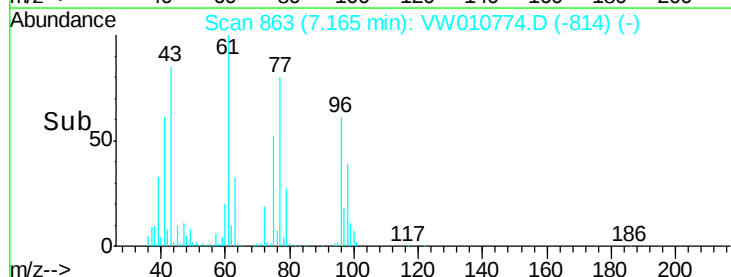
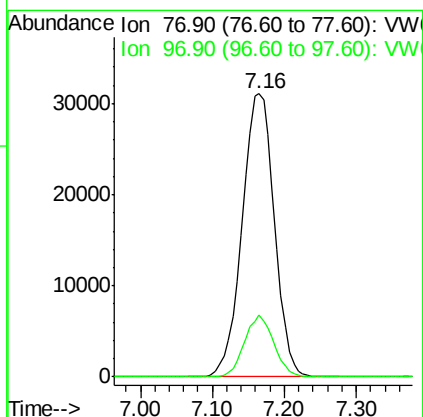
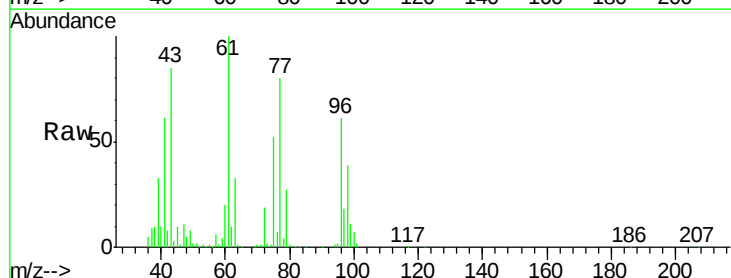
Acq: 12 Jun 2019 13:24

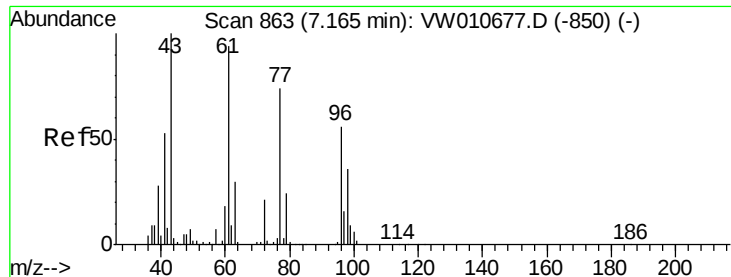
Tgt Ion: 77 Resp: 96605

Ion Ratio Lower Upper

77 100

97 19.8 10.5 31.6





#27

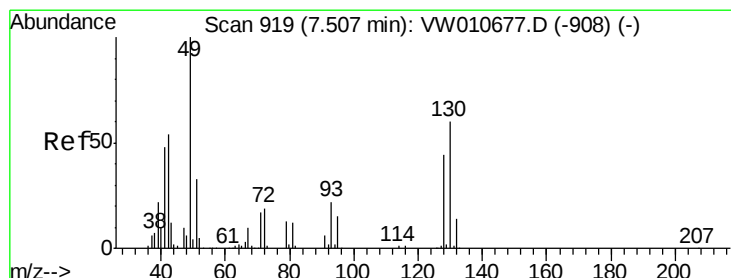
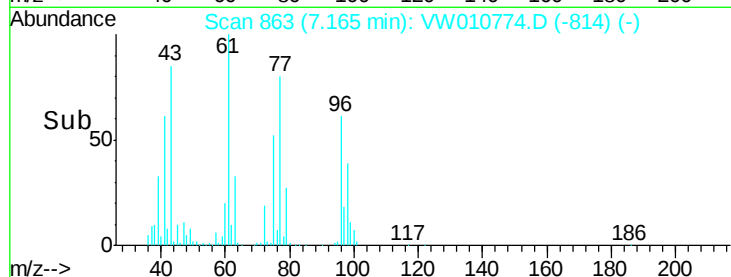
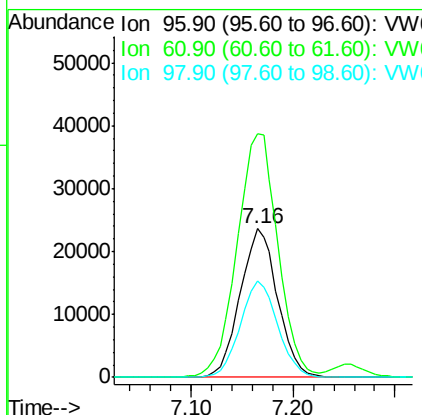
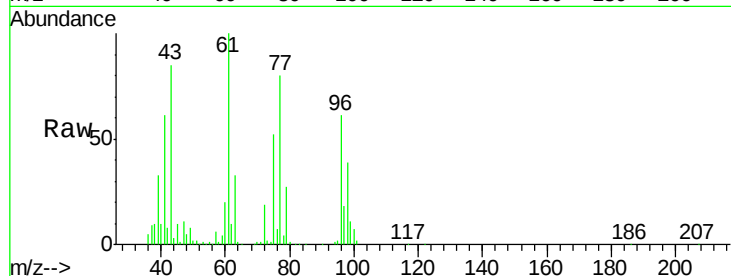
cis-1,2-Dichloroethene
Concen: 19.665 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	178.4	0.0	336.4
98	64.7	0.0	128.0

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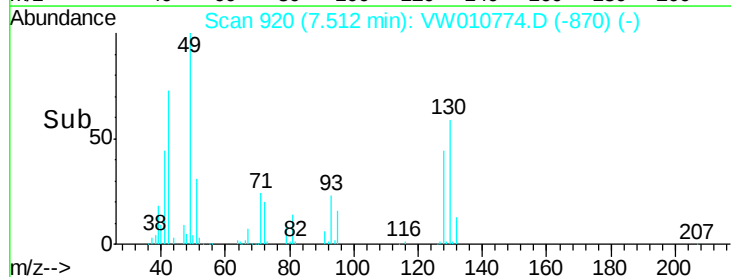
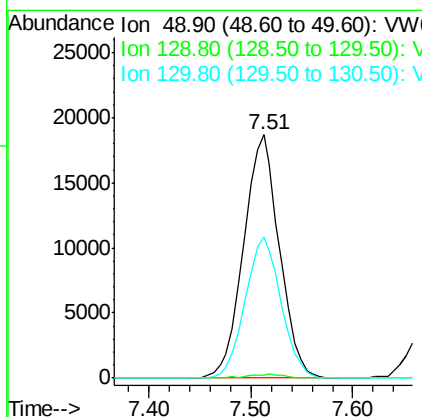
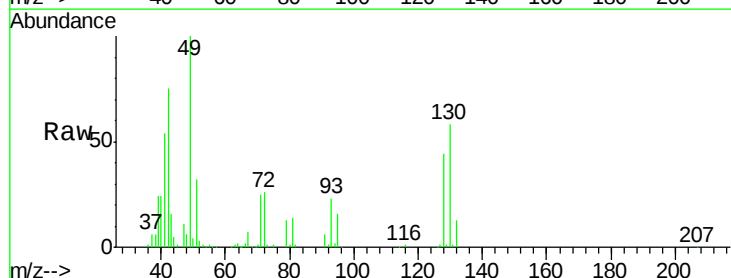
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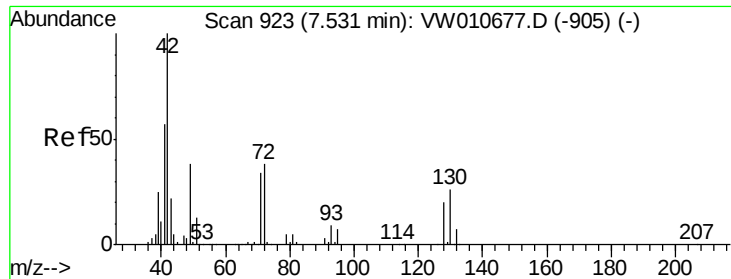


#28

Bromochloromethane
Concen: 18.796 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	58.0	48.3	72.5





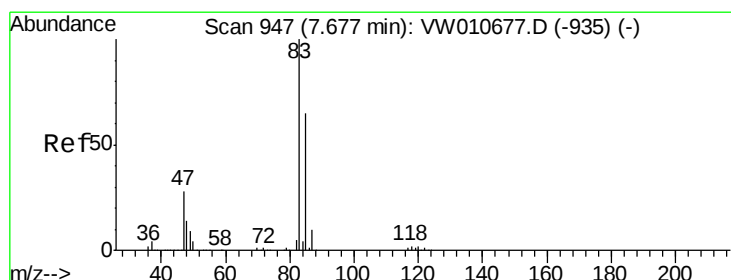
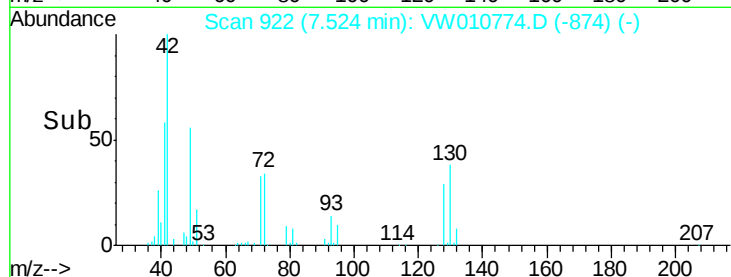
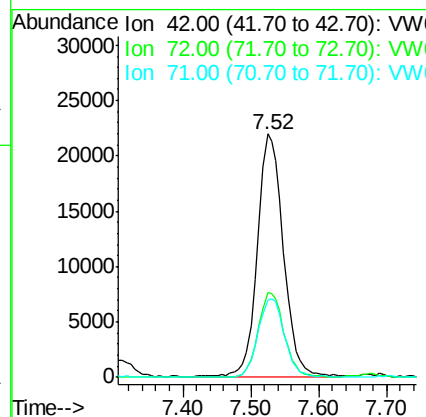
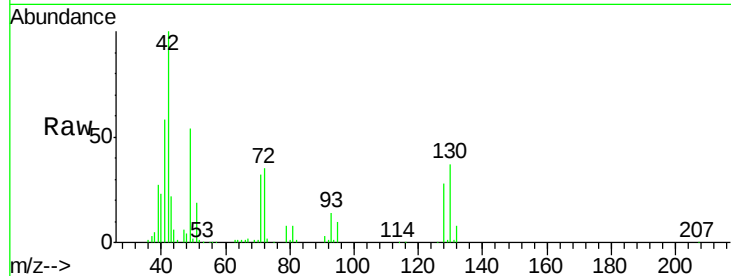
#29
Tetrahydrofuran
Concen: 84.778 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.7	28.7	43.1
71	32.8	26.6	39.8

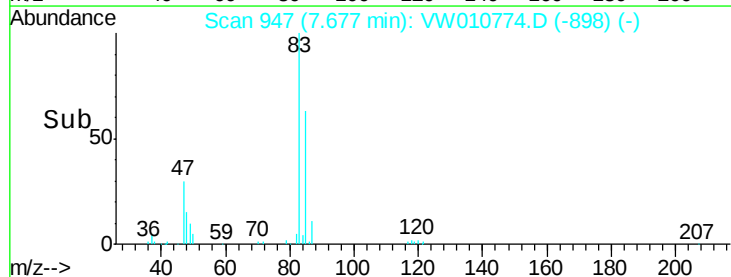
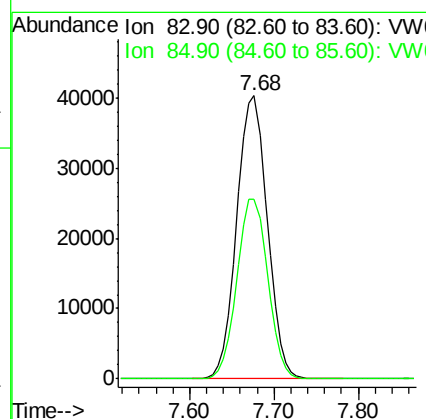
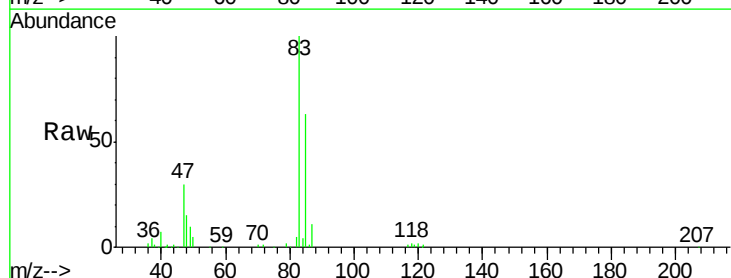
Manual Integrations
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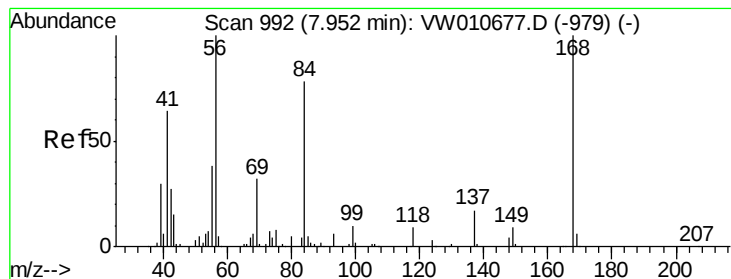
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#30
Chloroform
Concen: 19.913 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.8





#31

Cyclohexane

Concen: 19.675 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

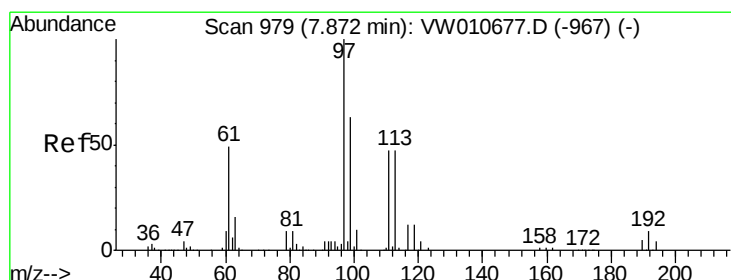
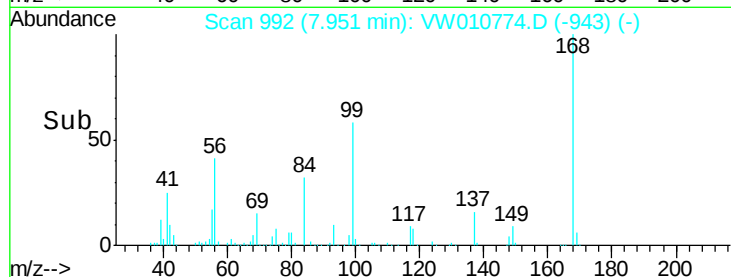
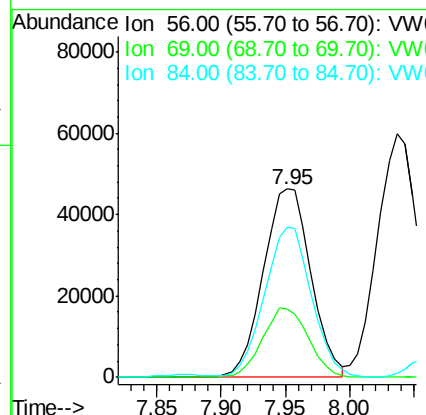
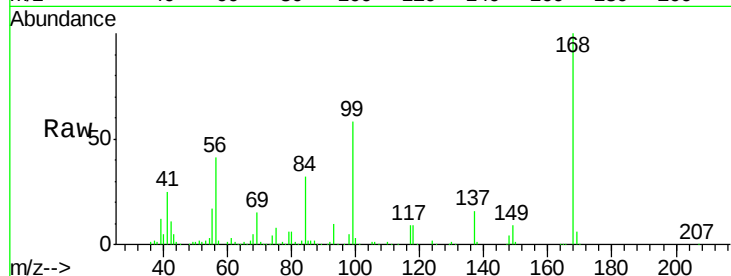
ClientSampleId :

VW0612SBS01

Tot Ion:	56	Resp:	118707
Ion Ratio	Lower	Upper	
56	100		
69	36.5	25.2	37.8
84	78.4	62.2	93.2

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#32

1,1,1-Trichloroethane

Concen: 20.320 ug/l

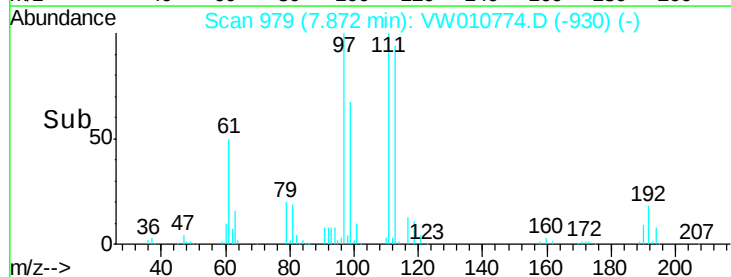
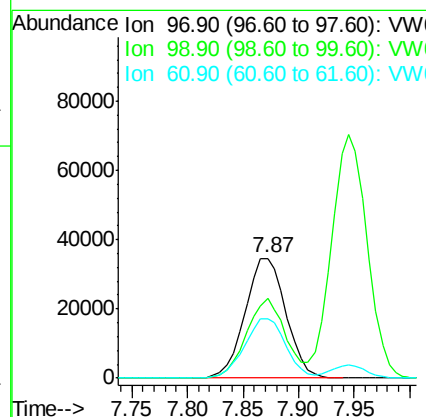
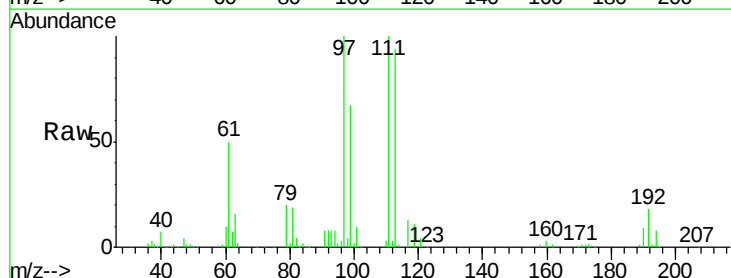
RT: 7.87 min Scan# 979

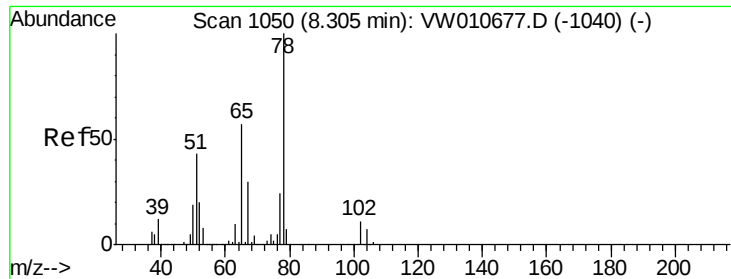
Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Tgt Ion:	97	Resp:	88123
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.3	76.9
61	50.7	40.4	60.6





#33

1,2-Dichloroethane-d4

Concen: 42.412 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

Tot Ion: 65 Resp: 126827

Ion Ratio Lower Upper

65 100

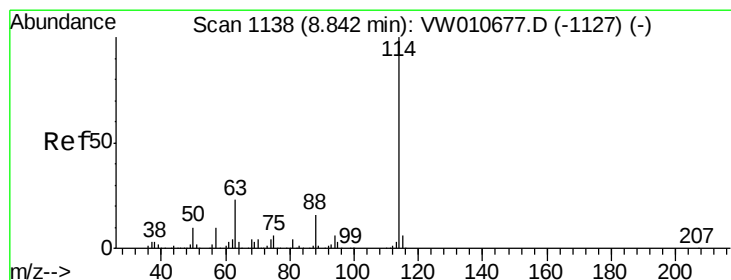
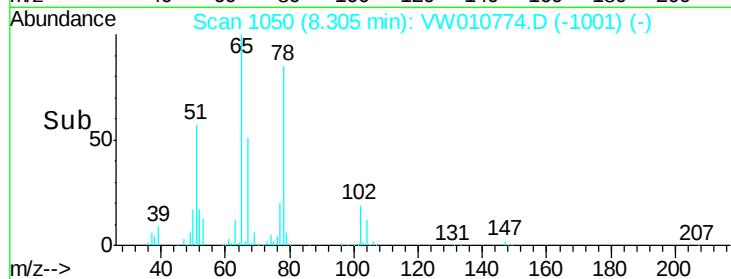
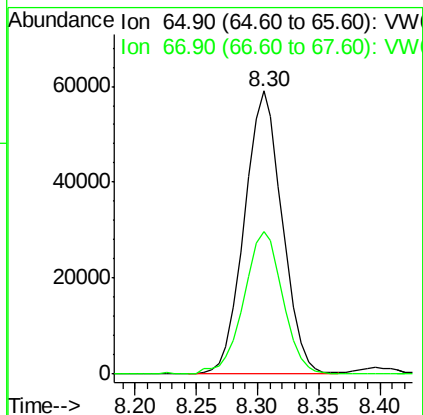
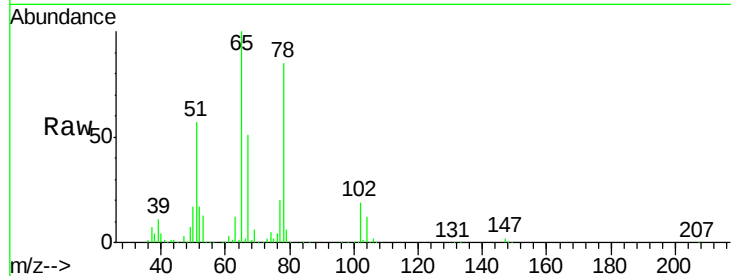
67 51.9 0.0 102.6

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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: VW010774.D

Acq: 12 Jun 2019 13:24

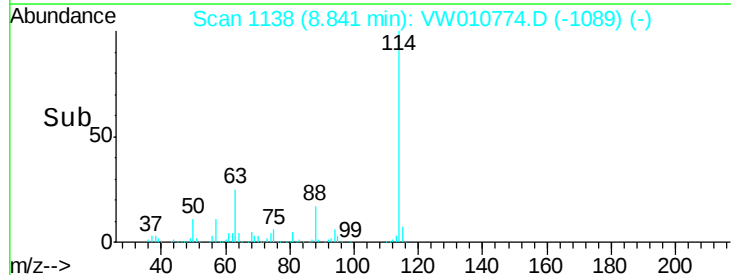
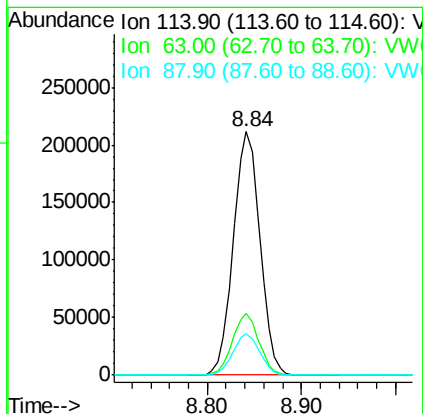
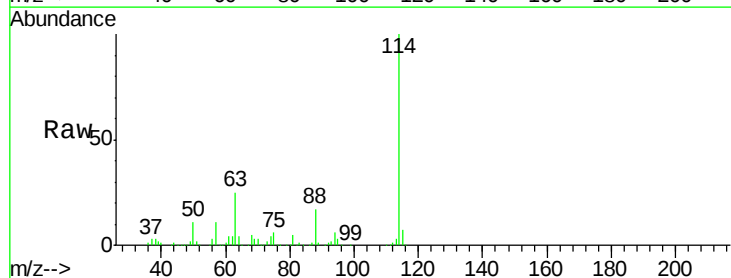
Tgt Ion: 114 Resp: 415973

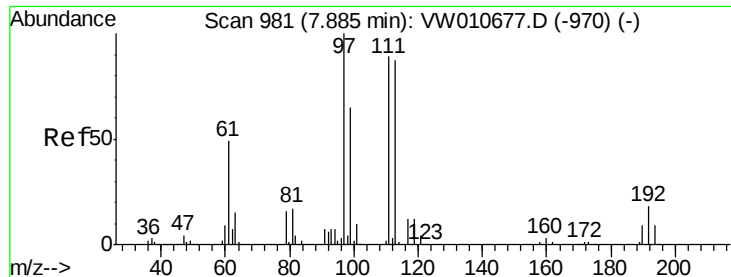
Ion Ratio Lower Upper

114 100

63 25.3 0.0 46.4

88 17.1 0.0 32.2





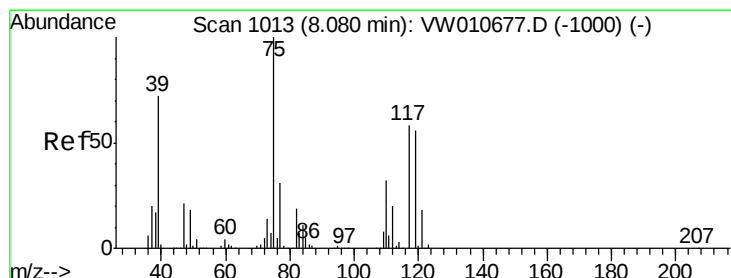
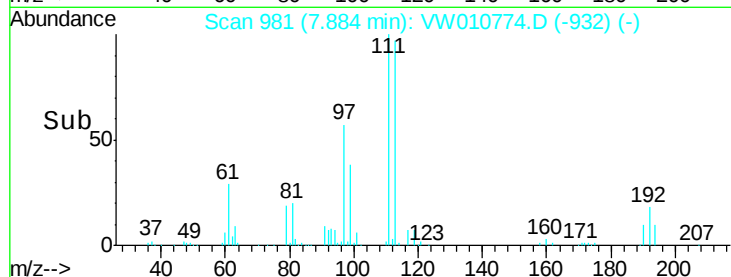
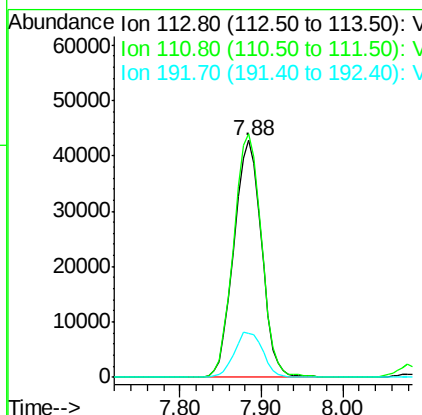
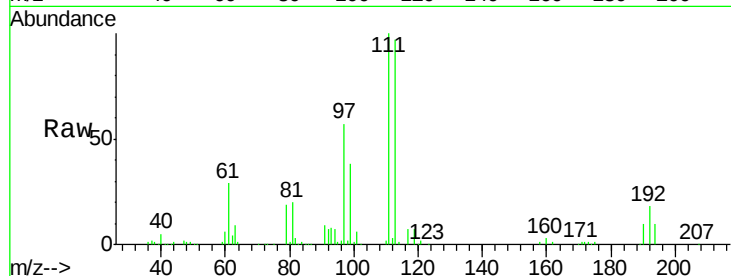
#35
 Dibromofluoromethane
 Concen: 44.391 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	100226		
111	103.8	82.6	123.8	
192	19.5	16.4	24.6	

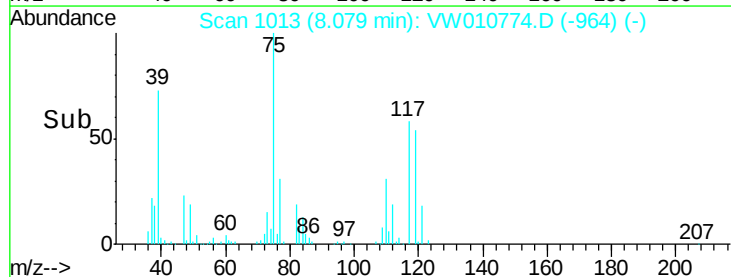
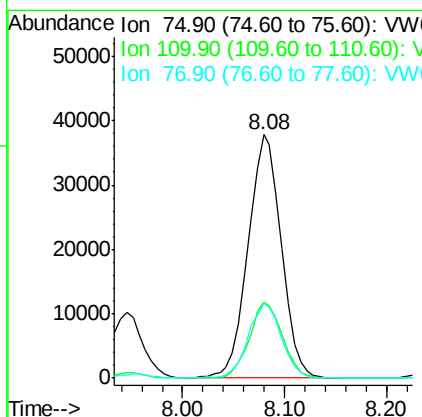
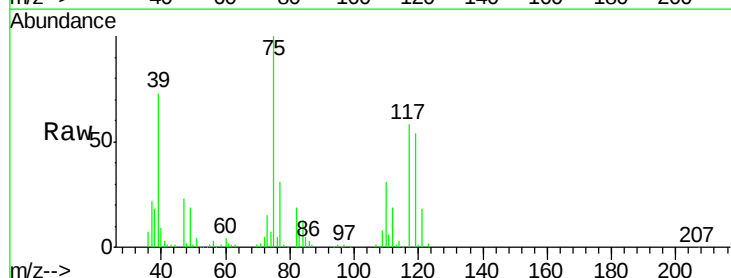
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#36
 1,1-Dichloropropene
 Concen: 19.964 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	85006		
110	31.2	15.8	47.3	
77	31.0	24.7	37.1	





#37

Ethyl Acetate

Concen: 17.039 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

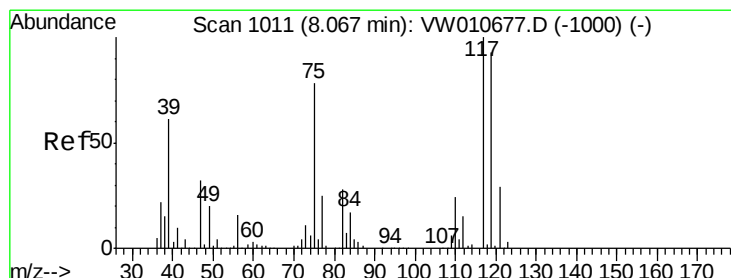
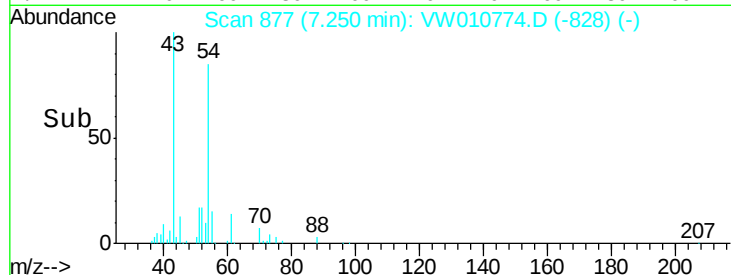
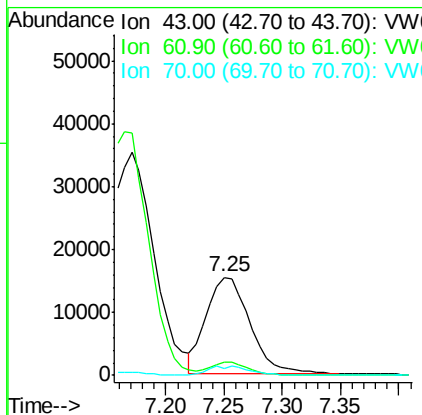
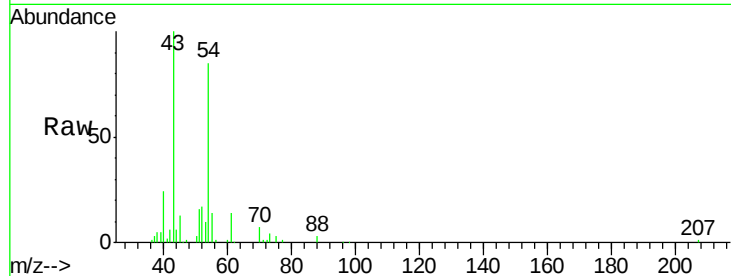
ClientSampled :

VW0612SBS01

Tot Ion:	43	Resp:	40204
Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.7	14.5
70	9.3	7.2	10.8

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#38

Carbon Tetrachloride

Concen: 20.075 ug/l

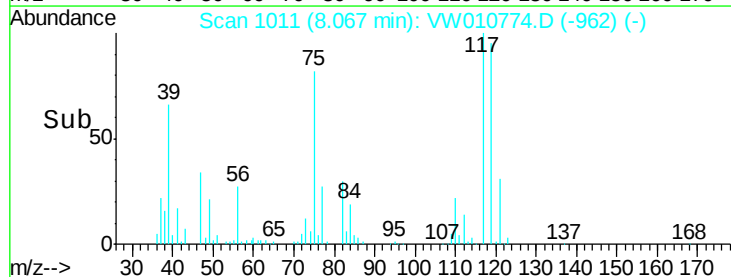
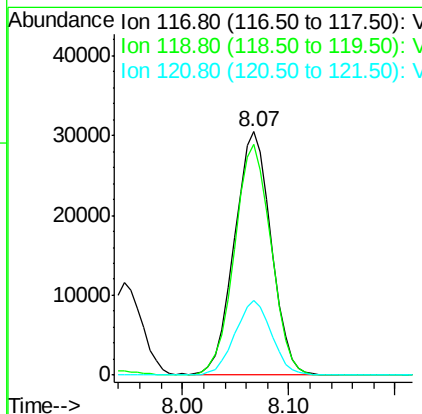
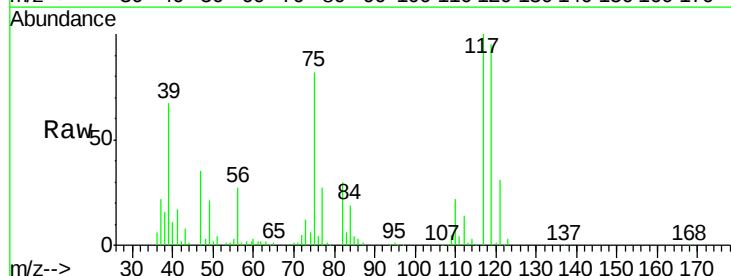
RT: 8.07 min Scan# 1011

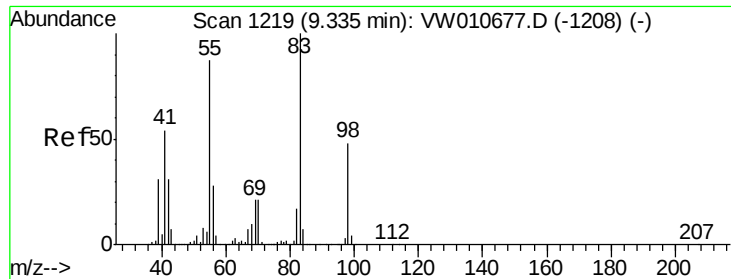
Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Tgt Ion:	117	Resp:	73791
Ion	Ratio	Lower	Upper
117	100		
119	94.6	74.2	111.4
121	30.5	22.9	34.3





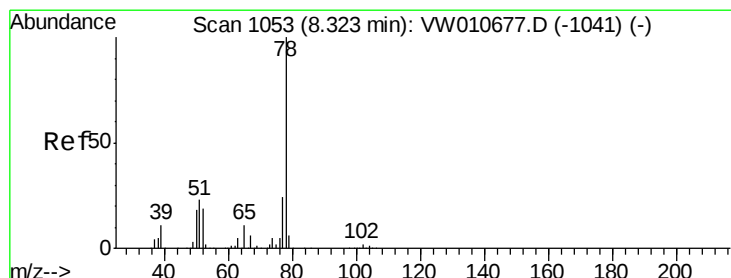
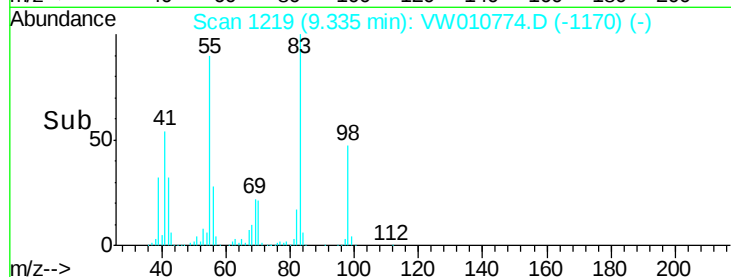
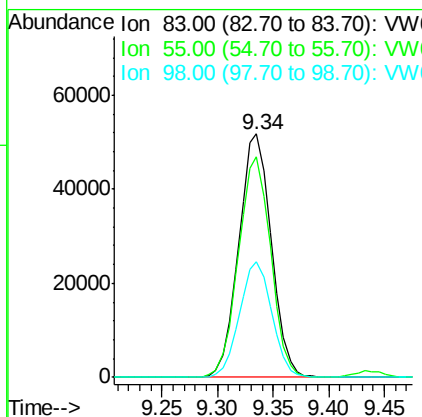
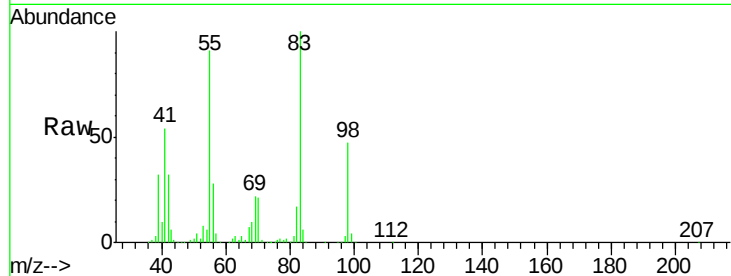
#39
Methvlcvclohexane
Concen: 19.393 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.6	70.0	105.0
98	47.4	38.1	57.1

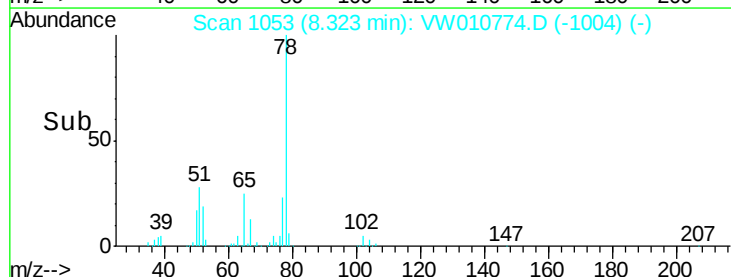
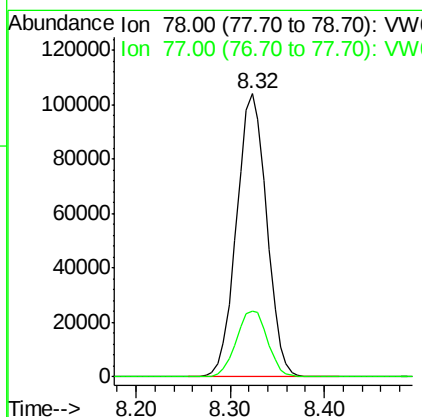
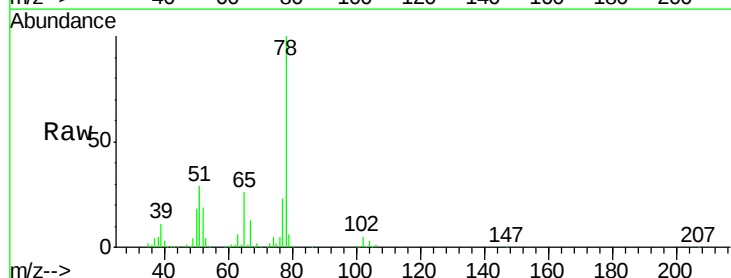
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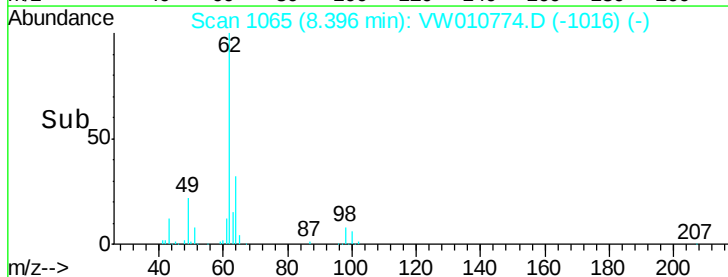
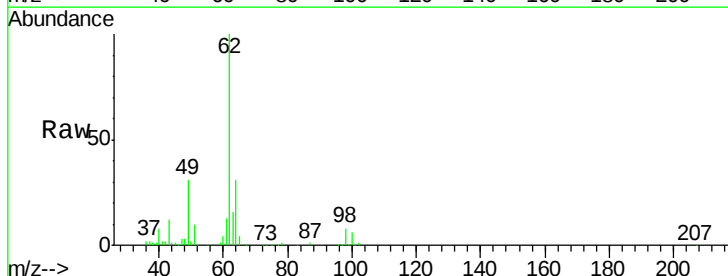
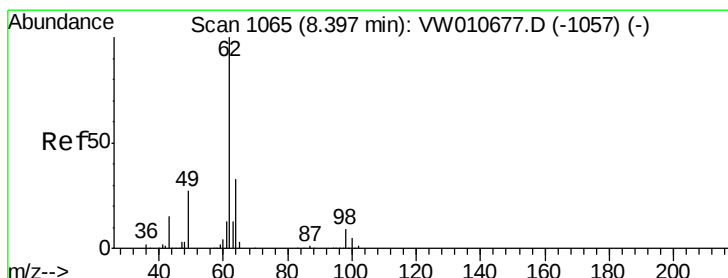
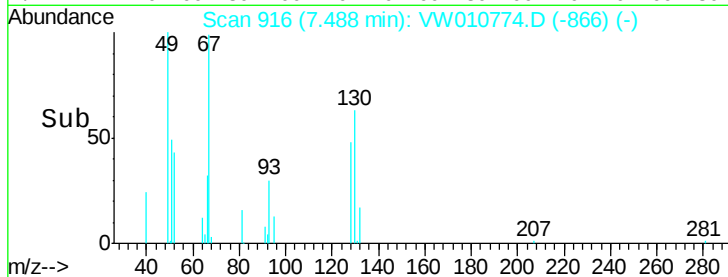
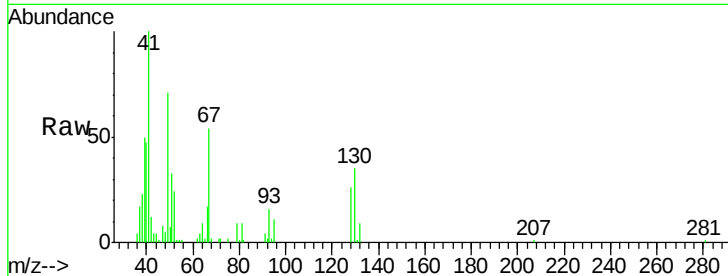
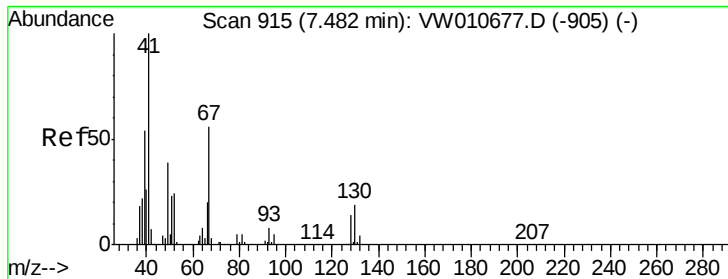
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#40
Benzene
Concen: 19.868 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

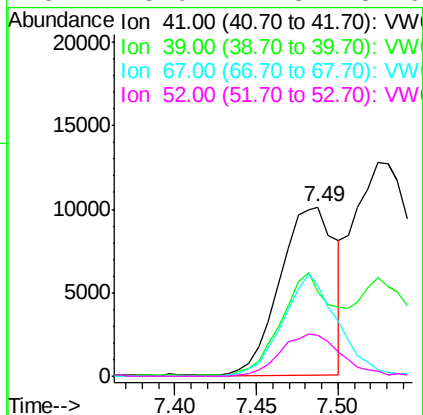
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7





#41
Methacrylonitrile
Concen: 16.981 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		23816		
39	62.2	47.3	70.9		
67	61.0	47.2	70.8		
52	28.0	21.3	31.9		



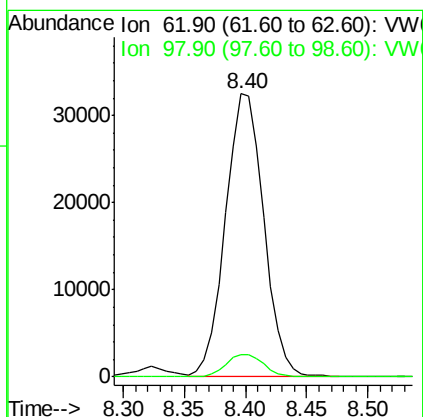
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

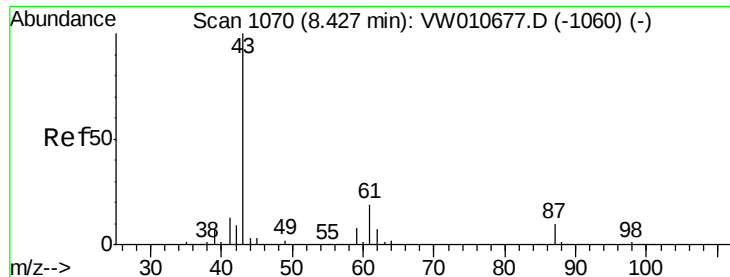
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6/13/2019 11:31:57 AM

#42
1,2-Dichloroethane
Concen: 19.061 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		70272		
98	7.9	0.0	17.2		





#43

Isopropyl Acetate

Concen: 16.962 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

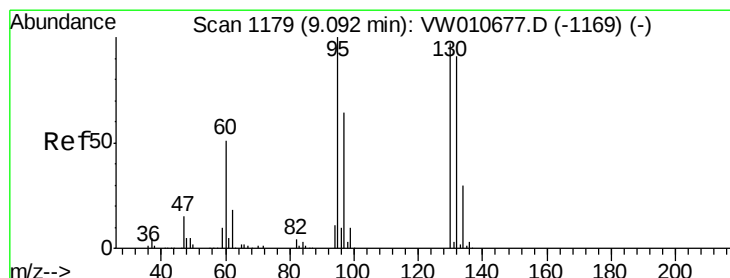
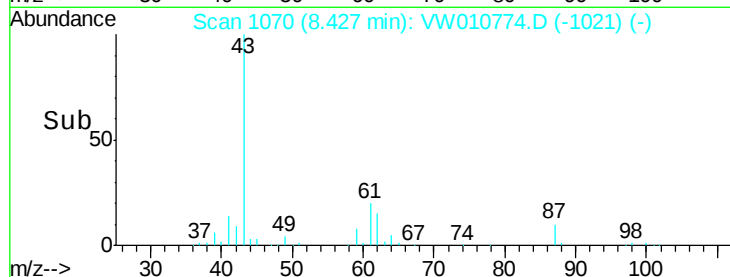
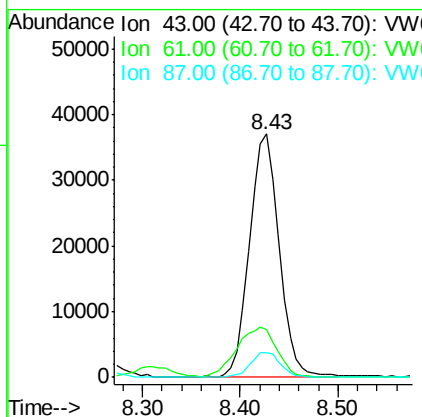
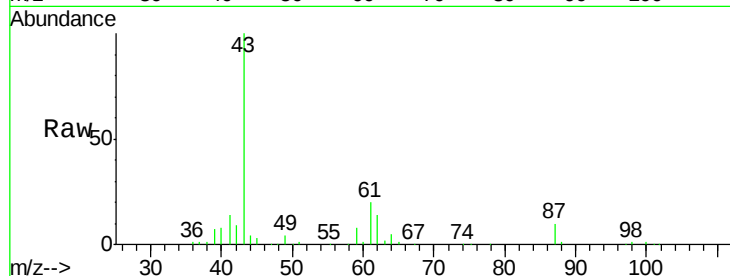
ClientSampleId :

VW0612SBS01

Tot Ion:	43	Resp:	77320
Ion	Ratio	Lower	Upper
43	100		
61	28.4	21.2	31.8
87	10.5	8.3	12.5

Manual Integrations
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6/13/2019 11:31:57 AM



#44

Trichloroethene

Concen: 19.678 ug/l

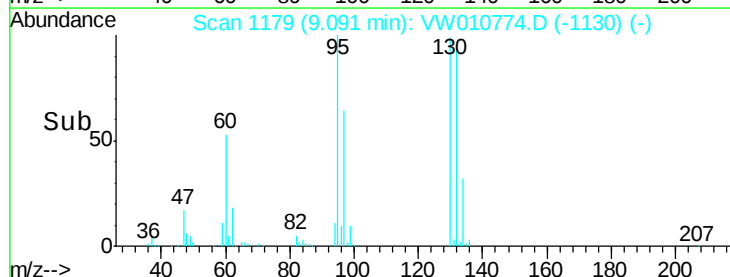
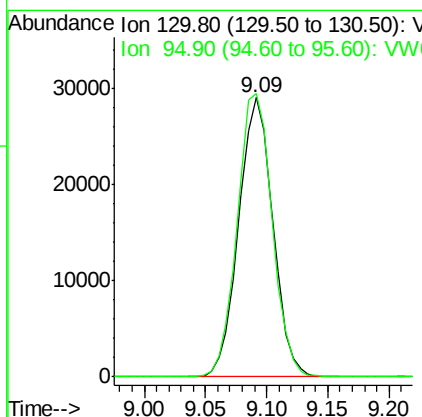
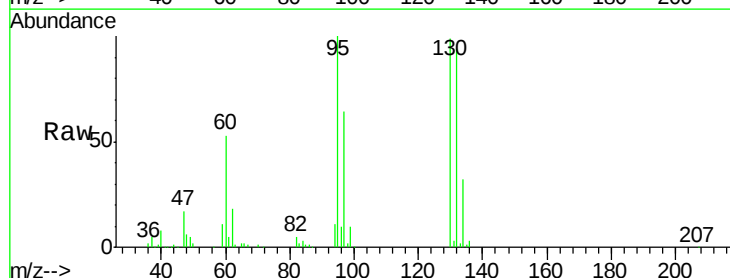
RT: 9.09 min Scan# 1179

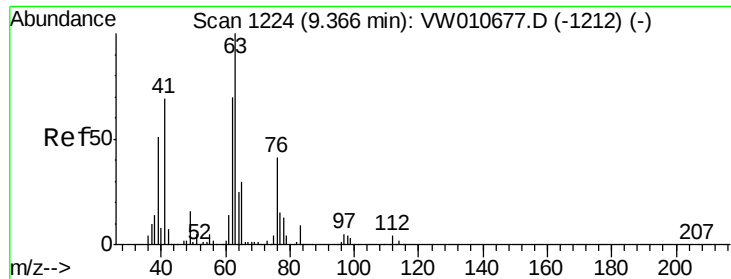
Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Tgt Ion:	130	Resp:	56384
Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	207.0





#45

1,2-Dichloropropane

Concen: 19.660 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

Tot Ion: 63 Resp: 60453

Ion Ratio Lower Upper

63 100

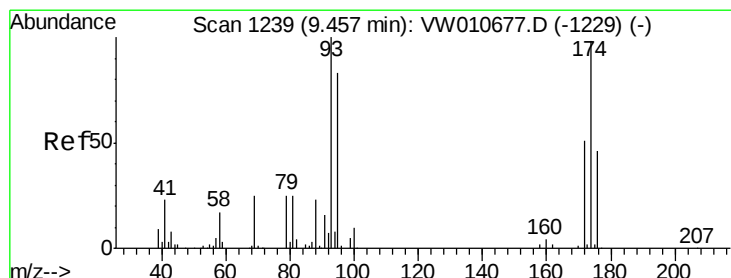
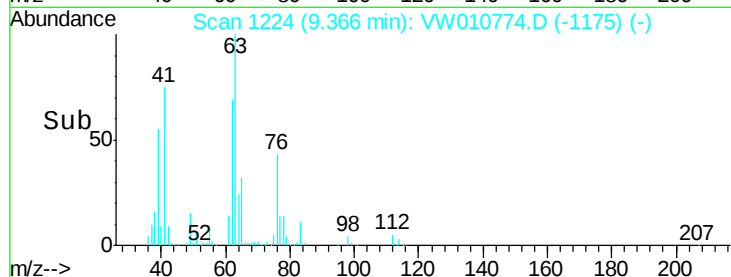
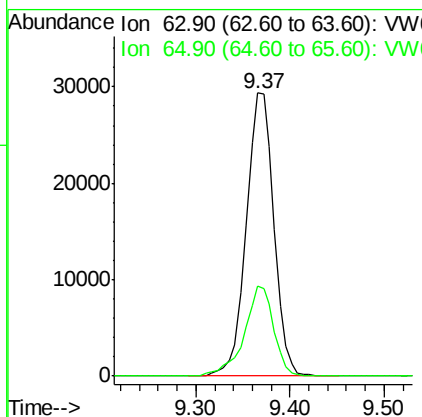
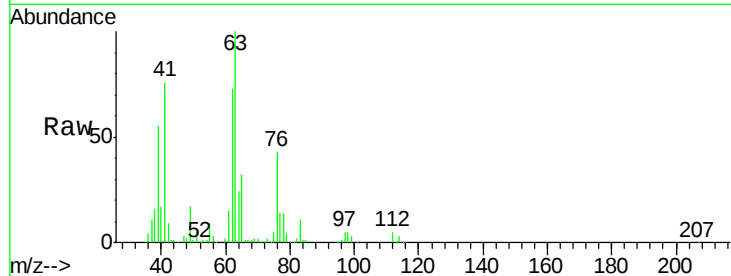
65 31.9 23.8 35.6

Manual Integrations

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6/13/2019 11:31:57 AM



#46

Dibromomethane

Concen: 18.392 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

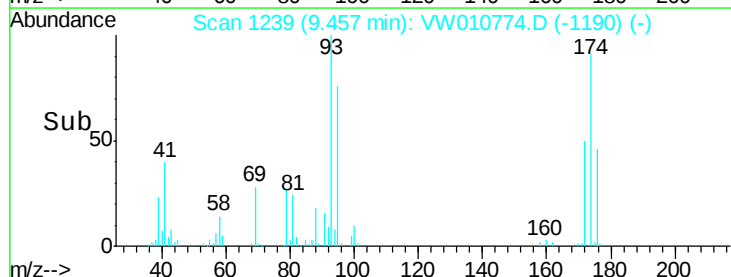
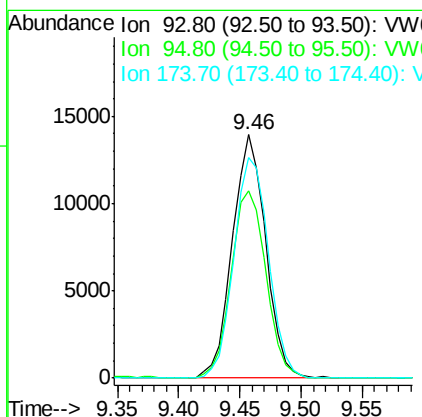
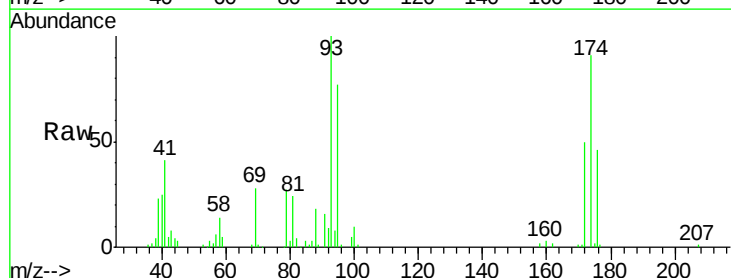
Tgt Ion: 93 Resp: 26267

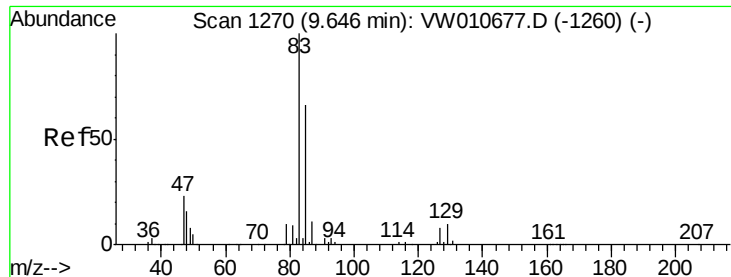
Ion Ratio Lower Upper

93 100

95 80.5 65.8 98.8

174 94.6 77.4 116.0





#47

Bromodichloromethane

Concen: 19.252 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

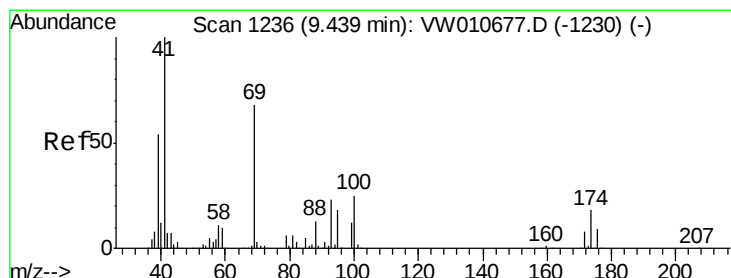
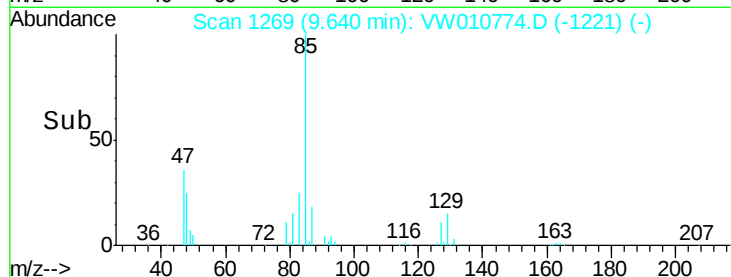
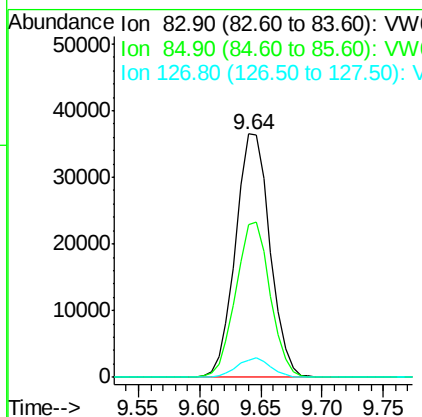
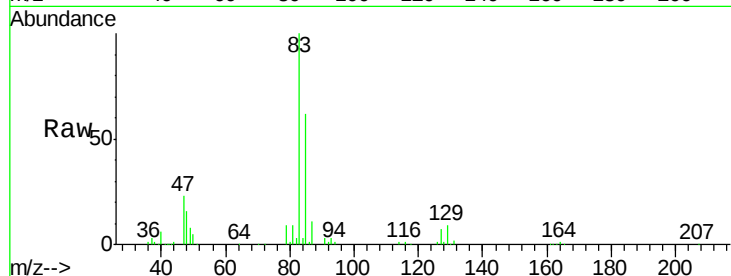
ClientSampleId :

VW0612SBS01

Tot Ion:	83	Resp:	71274
Ion	Ratio	Lower	Upper
83	100		
85	62.5	53.0	79.4
127	7.1	6.4	9.6

Manual Integrations
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6/13/2019 11:31:57 AM



#48

Methyl methacrylate

Concen: 17.171 ug/l

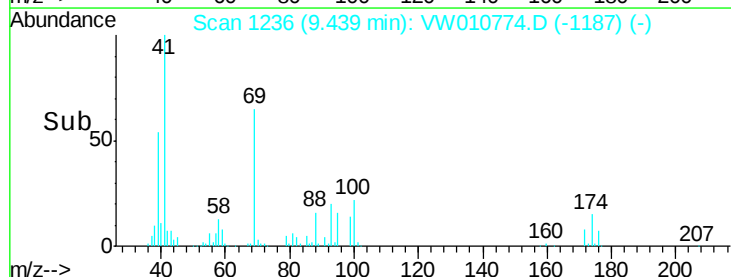
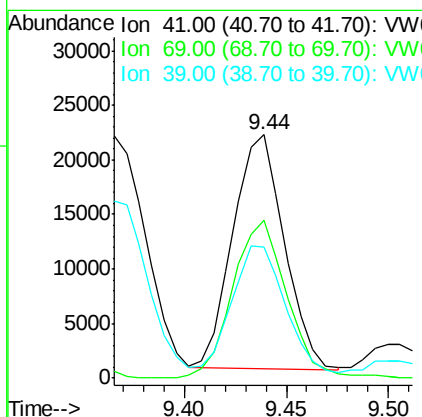
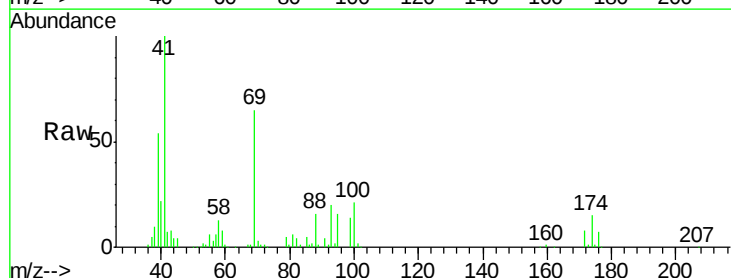
RT: 9.44 min Scan# 1236

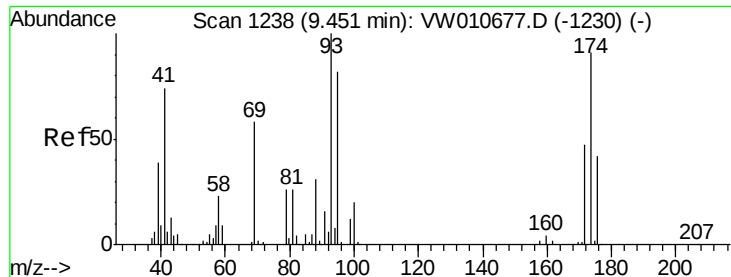
Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Tgt Ion:	41	Resp:	37738
Ion	Ratio	Lower	Upper
41	100		
69	71.0	56.6	85.0
39	55.7	44.4	66.6





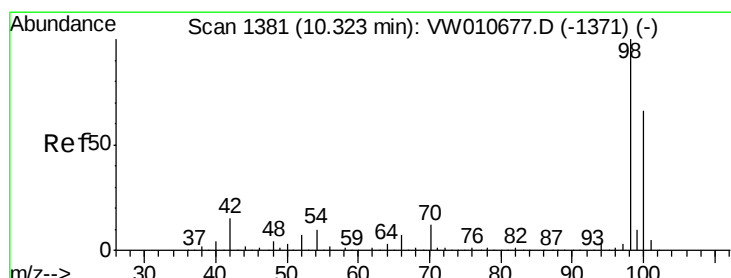
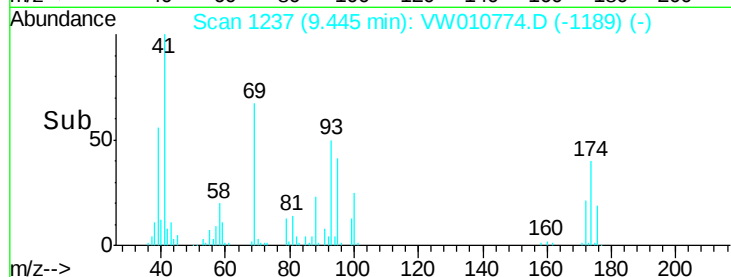
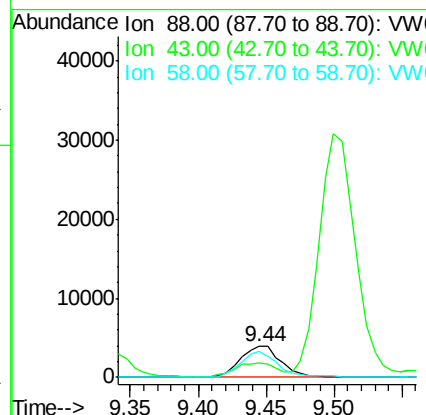
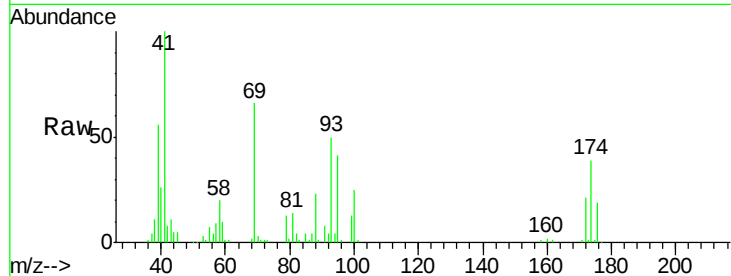
#49
1,4-Dioxane
Concen: 368.125 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion	88	Resp	8220
Ion Ratio	Lower	Upper	
88	100		
43	46.5	34.2	51.4
58	77.5	69.0	103.4

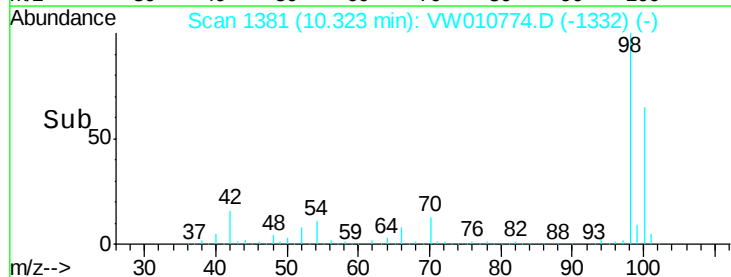
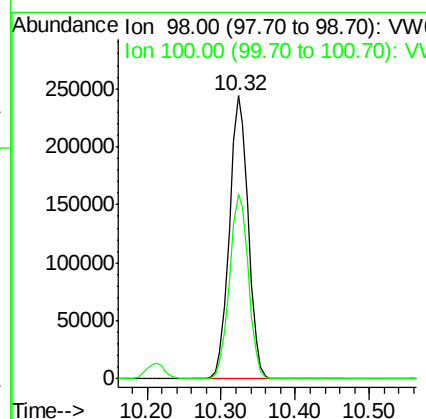
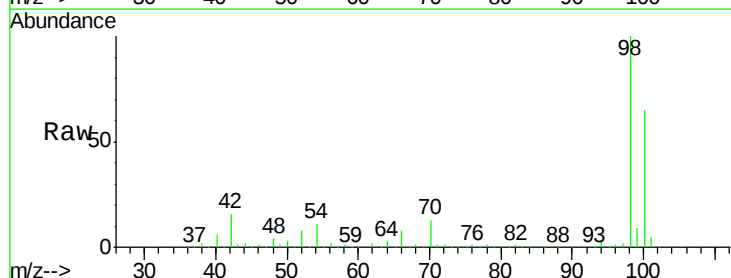
Manual Integrations
APPROVED

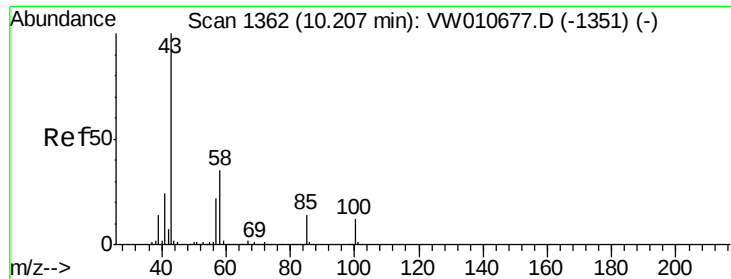
MMDadoda
6/13/2019 11:31:57 AM



#50
Toluene-d8
Concen: 43.384 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion	98	Resp	429536
Ion Ratio	Lower	Upper	
98	100		
100	65.6	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 85.255 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampled :

VW0612SBS01

Tot Ion: 43 Resp: 198540

Ion Ratio Lower Upper

43 100

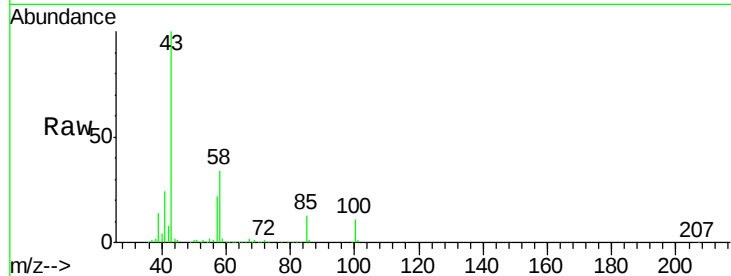
58 34.9 28.4 42.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

100000

80000

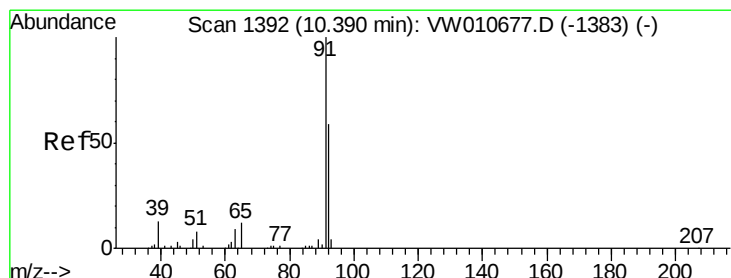
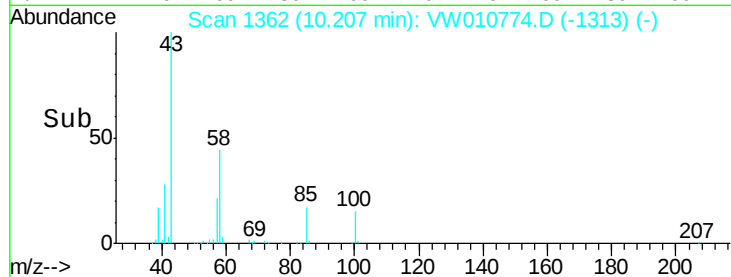
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 19.808 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010774.D

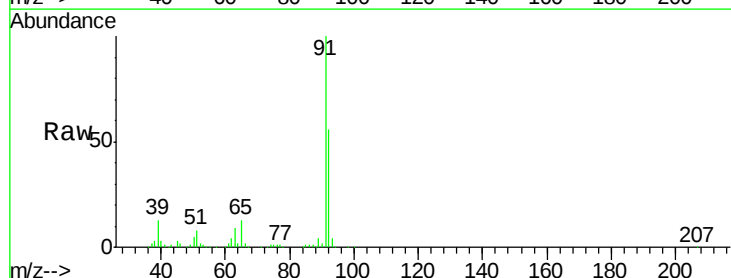
Acq: 12 Jun 2019 13:24

Tgt Ion: 92 Resp: 141570

Ion Ratio Lower Upper

92 100

91 172.0 134.9 202.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

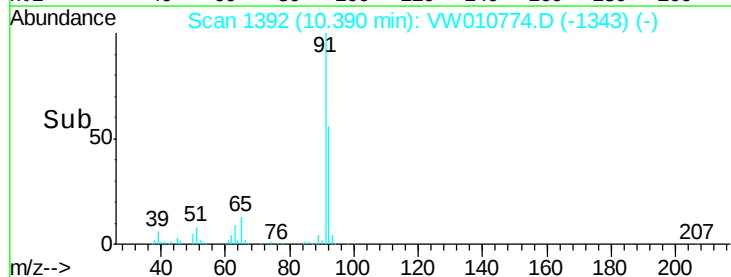
150000

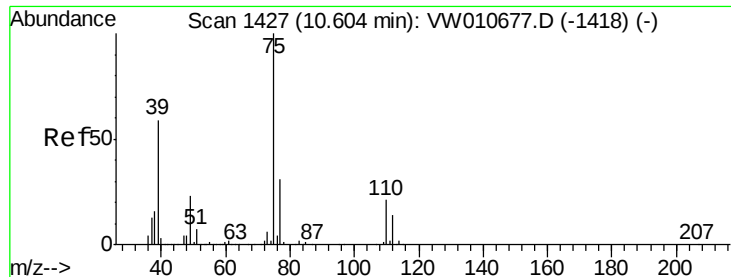
100000

50000

0

Time-->





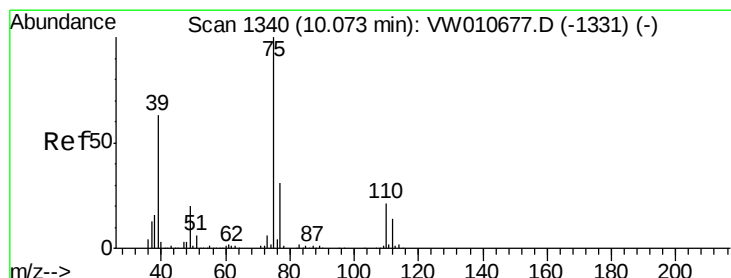
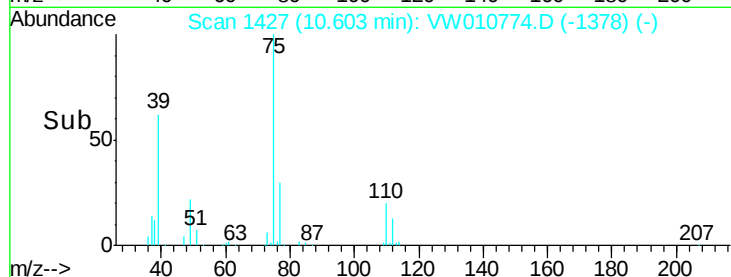
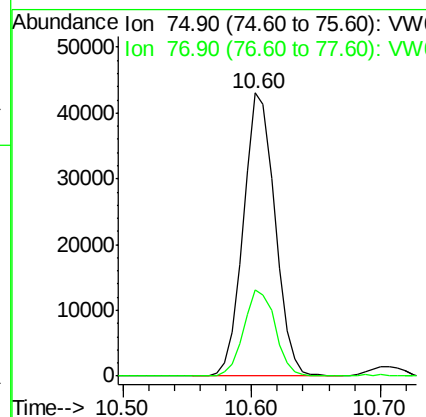
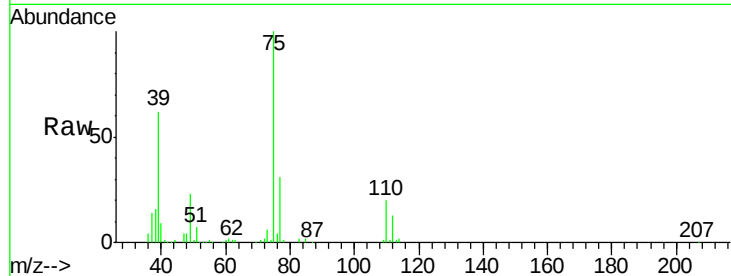
#53
t-1,3-Dichloropropene
Concen: 18.625 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion: 75 Resp: 73033
Ion Ratio Lower Upper
75 100
77 30.7 24.6 36.8

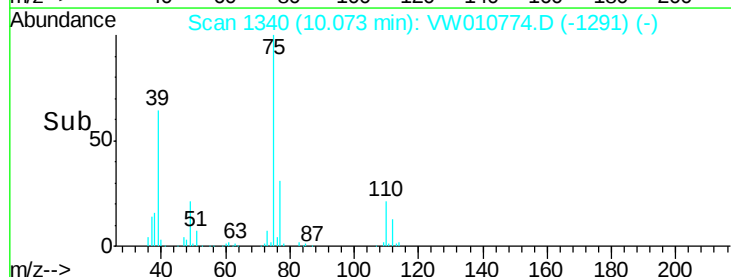
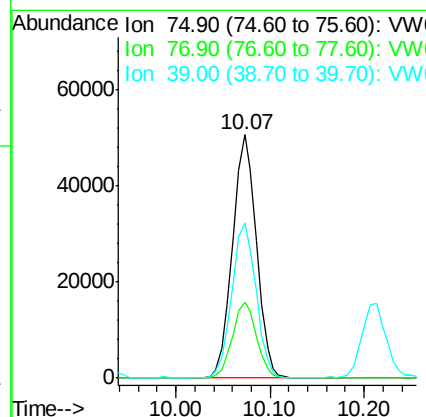
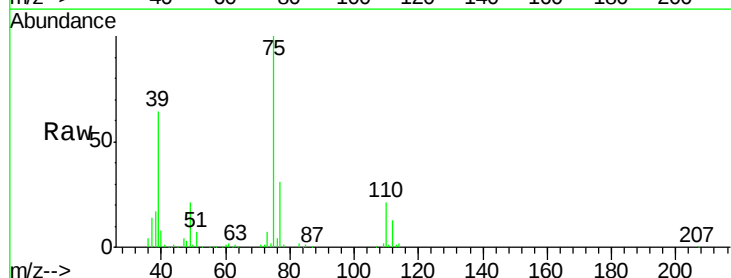
Manual Integrations
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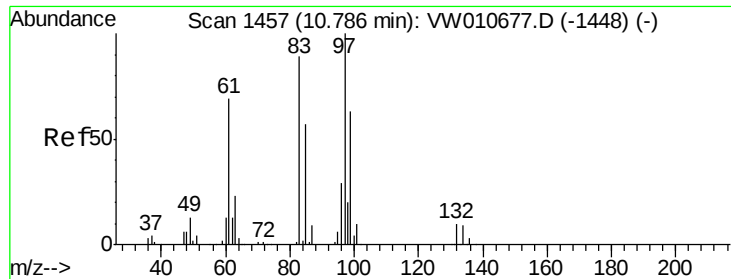
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.423 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion: 75 Resp: 89621
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 63.7 50.1 75.1





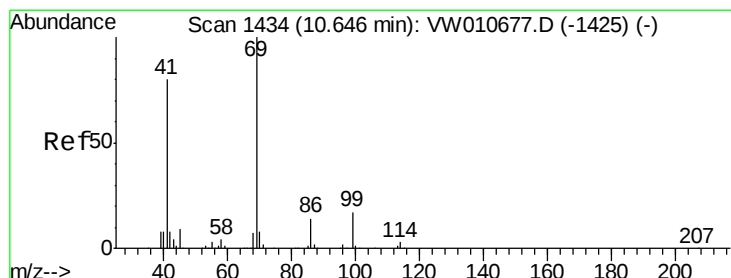
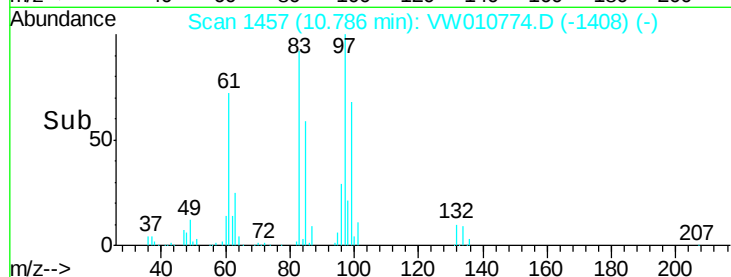
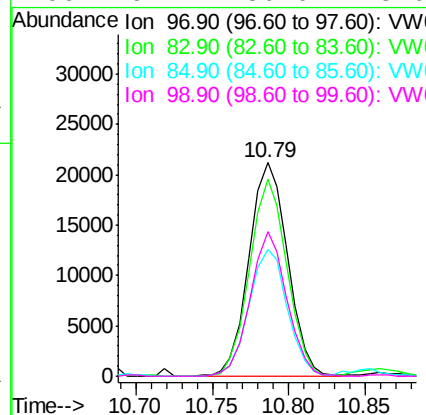
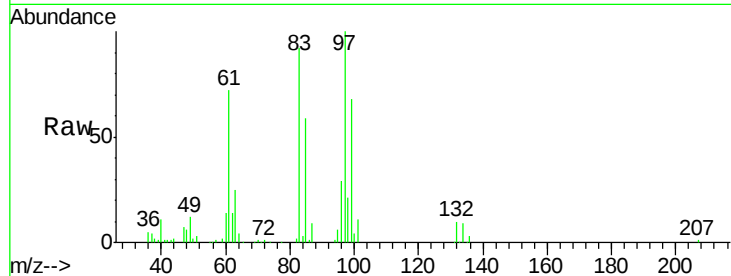
#55
 1,1,2-Trichloroethane
 Concen: 18.133 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

Tot Ion:	97	Resp:	37309
Ion	Ratio	Lower	Upper
97	100		
83	92.3	71.1	106.7
85	59.4	45.2	67.8
99	67.7	50.0	75.0

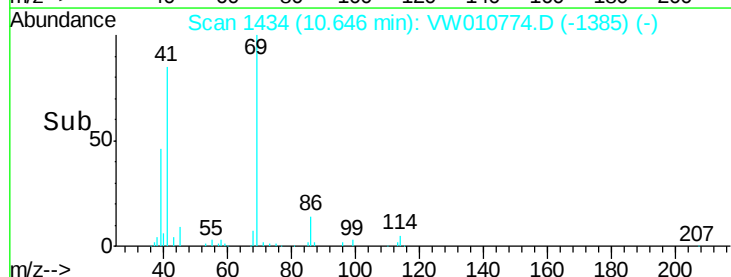
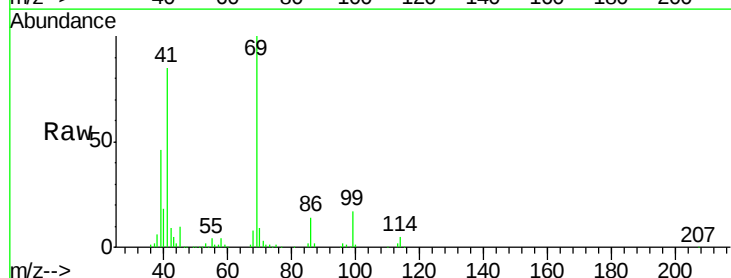
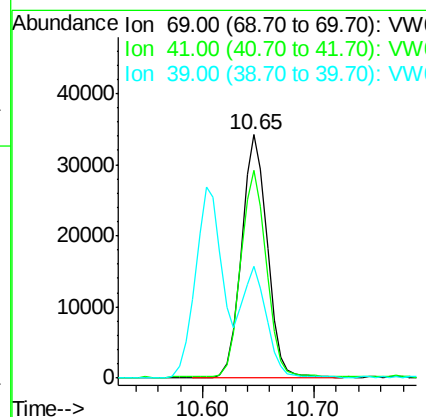
Manual Integrations
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 6/13/2019 11:31:57 AM



#56
 Ethyl methacrylate
 Concen: 17.280 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion:	69	Resp:	54708
Ion	Ratio	Lower	Upper
69	100		
41	85.9	64.8	97.2
39	43.1	32.2	48.2





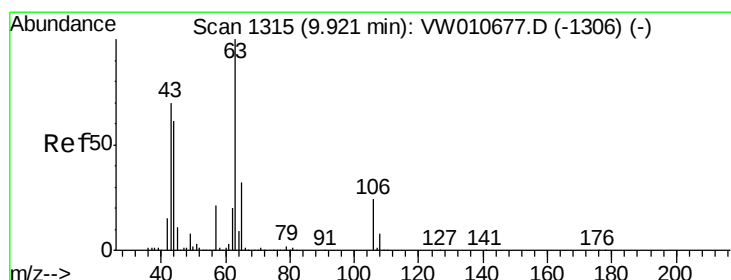
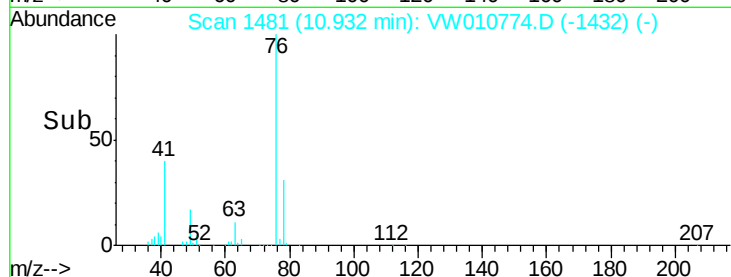
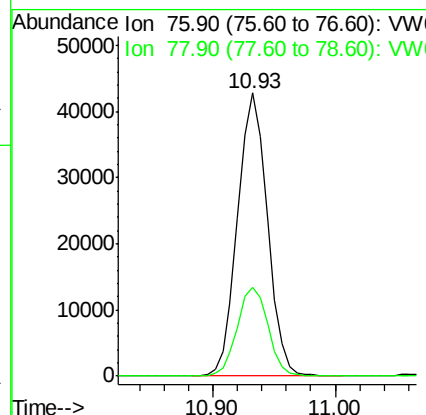
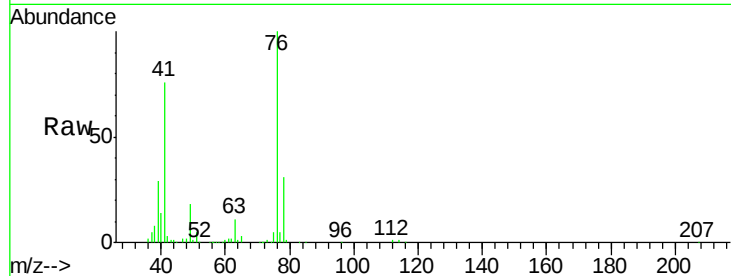
#57
 1,3-Dichloropropane
 Concen: 18.591 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

Tot Ion: 76 Resp: 72084
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5

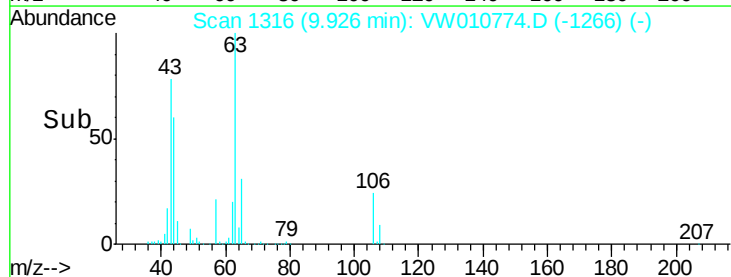
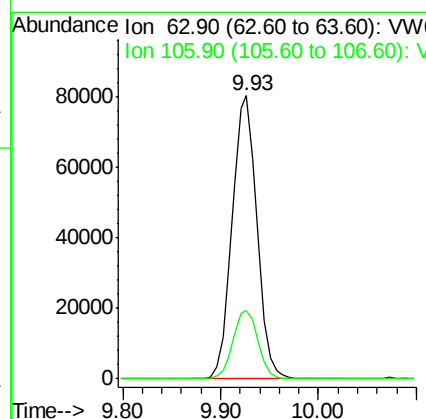
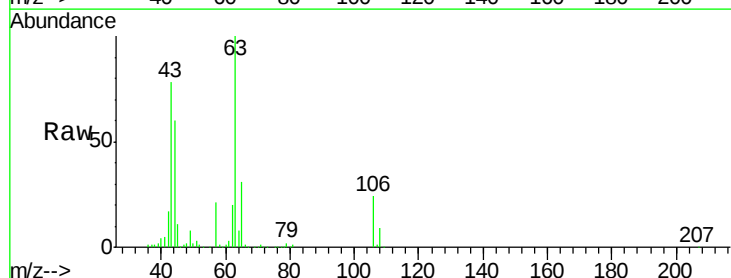
Manual Integrations
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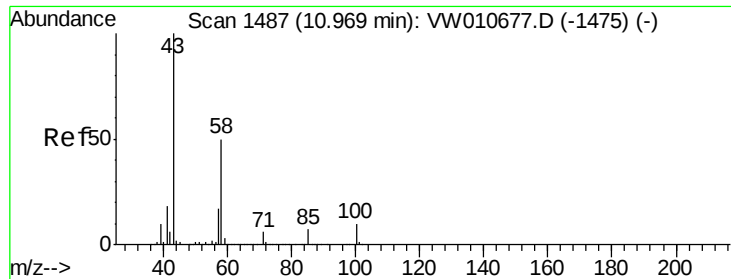
MMDadoda
 6/13/2019 11:31:57 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 84.807 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion: 63 Resp: 140631
 Ion Ratio Lower Upper
 63 100
 106 24.4 20.1 30.1





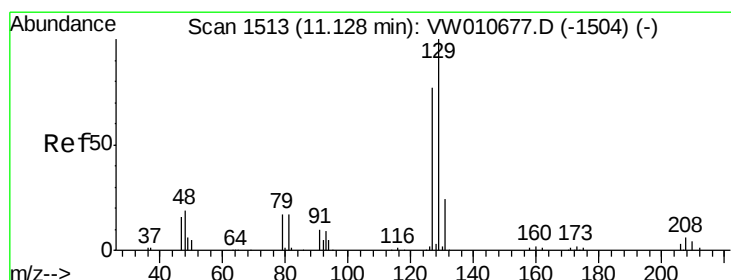
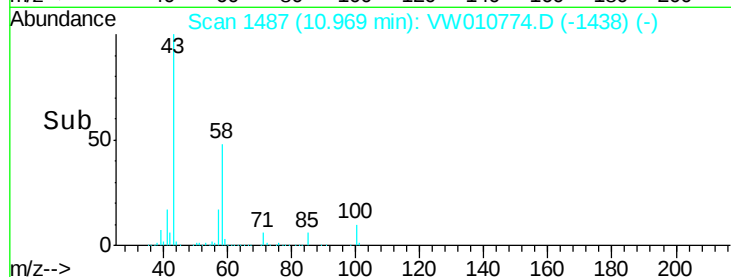
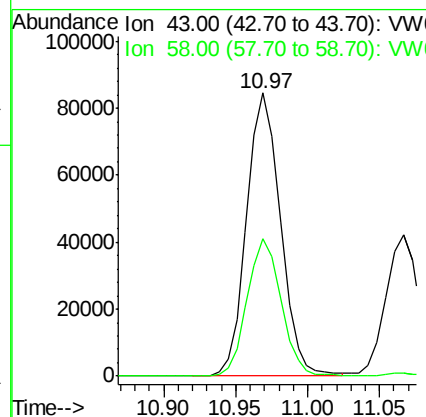
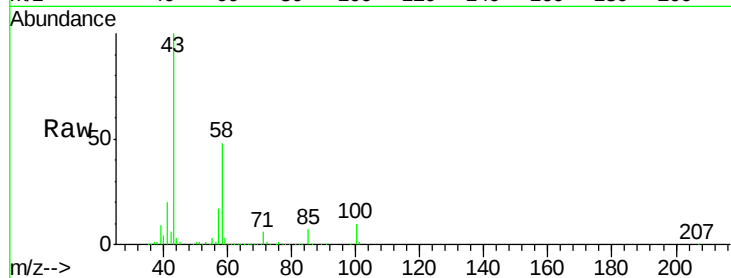
#59
2-Hexanone
Concen: 81.954 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion: 43 Resp: 137933
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6

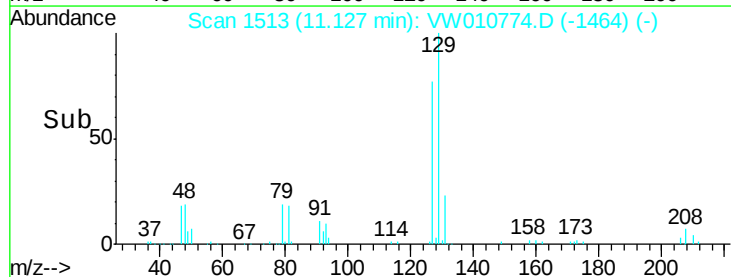
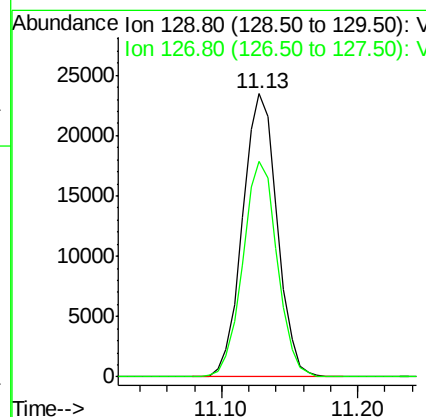
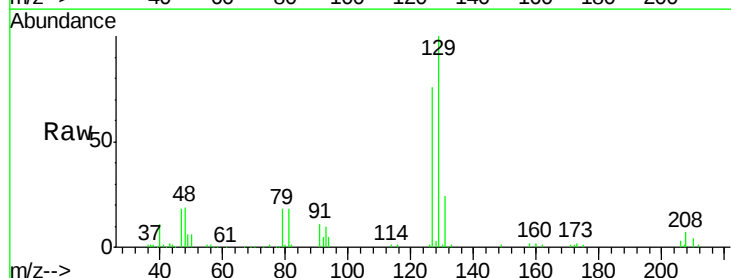
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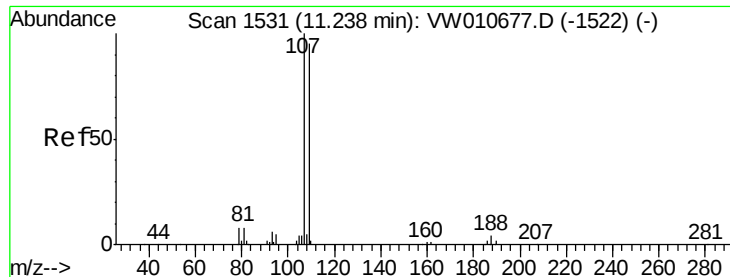
MMDadoda
6/13/2019 11:31:57 AM



#60
Dibromochloromethane
Concen: 18.234 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion: 129 Resp: 41588
Ion Ratio Lower Upper
129 100
127 75.7 38.6 116.0





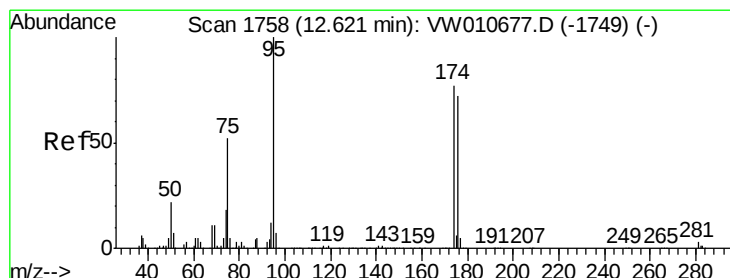
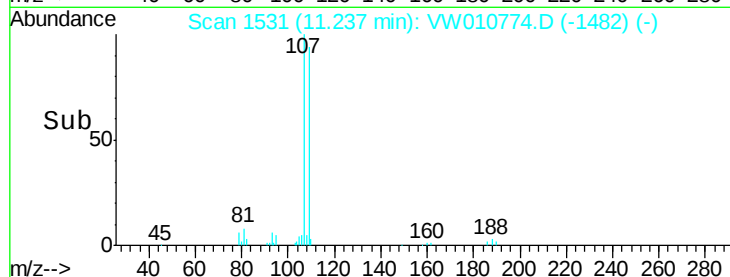
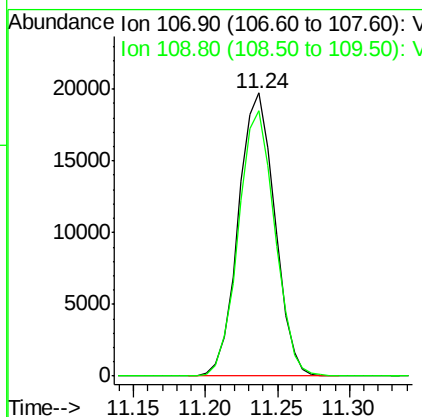
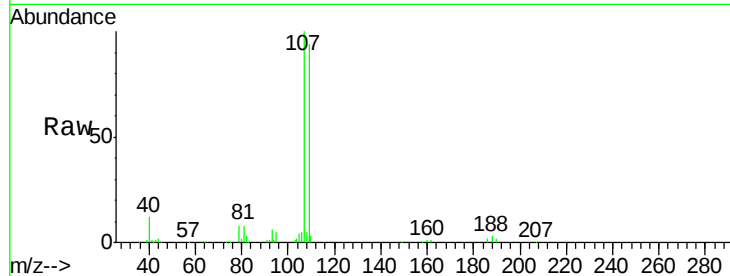
#61
 1,2-Dibromoethane
 Concen: 17.711 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.8	113.8

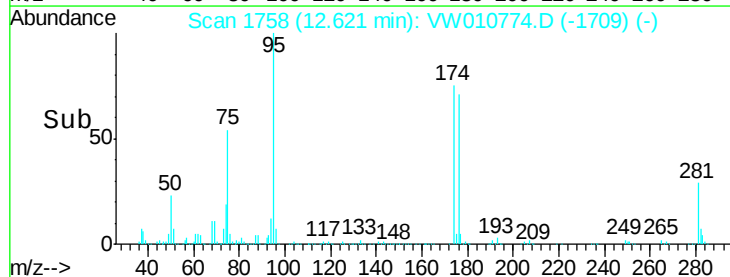
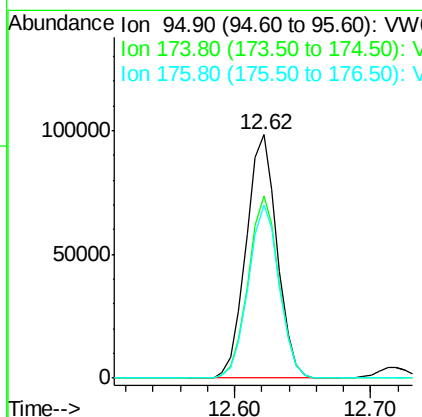
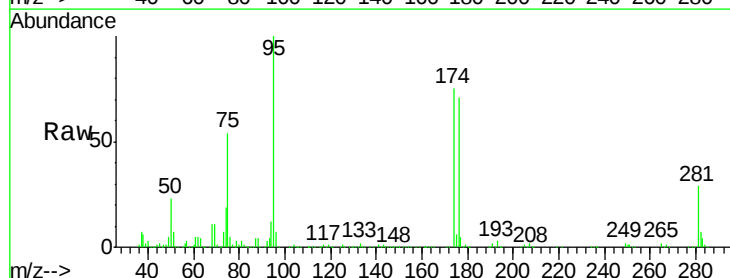
Manual Integrations
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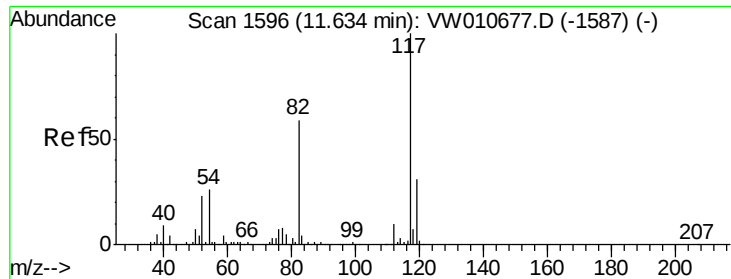
MMDadoda
 6/13/2019 11:31:57 AM



#62
 4-Bromofluorobenzene
 Concen: 43.444 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	150.4
176	71.4	0.0	144.8





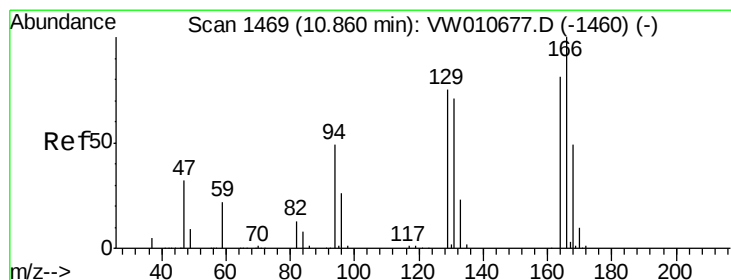
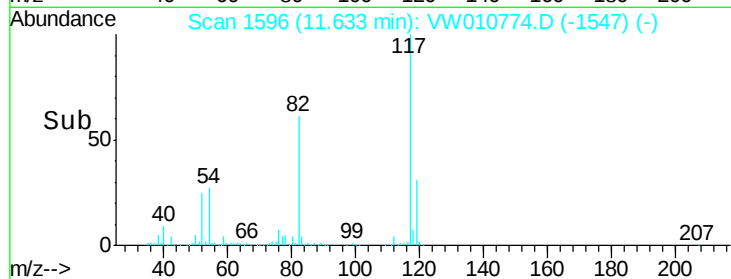
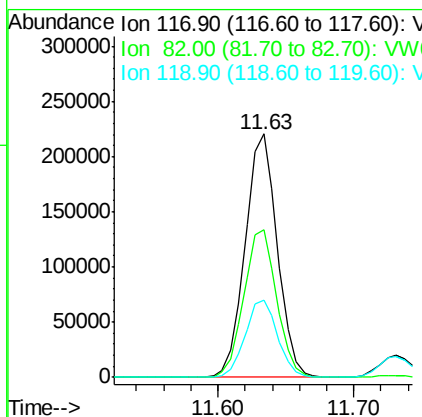
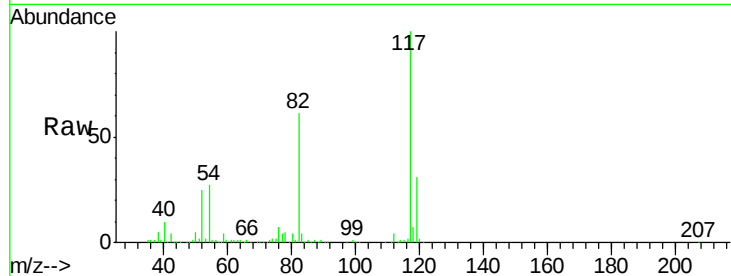
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	364468		
82	60.6	47.0	70.4	
119	31.5	25.1	37.7	

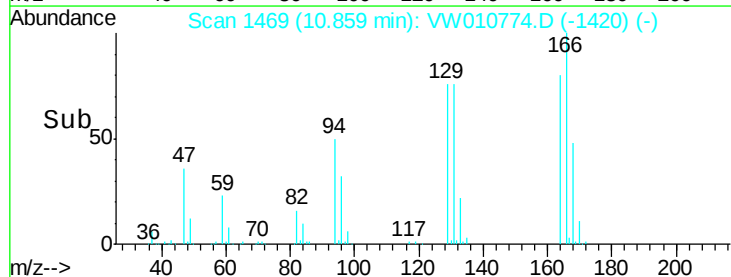
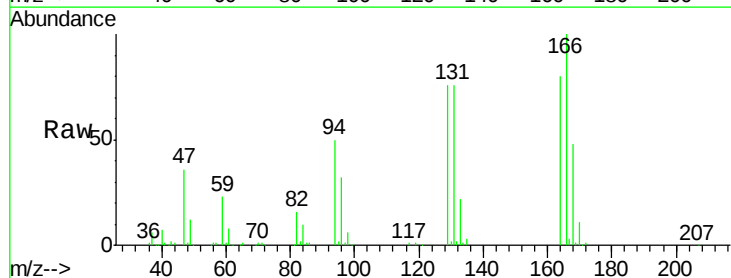
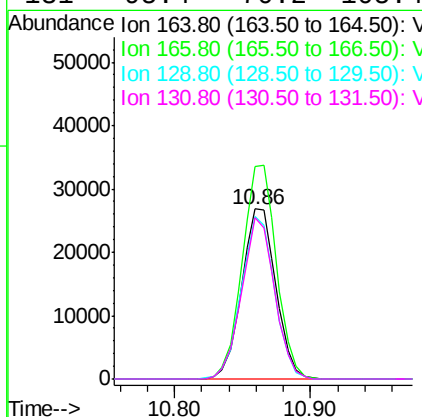
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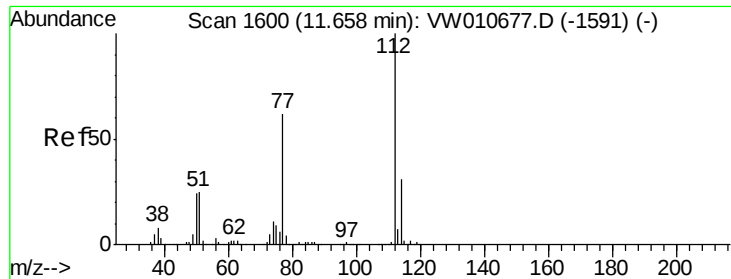
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#64
Tetrachloroethene
Concen: 19.468 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47111		
166	125.0	99.2	148.8	
129	95.6	74.6	112.0	
131	95.4	70.2	105.4	





#65

Chlorobenzene

Concen: 19.925 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

Tot Ion:112 Resp: 142805

Ion Ratio Lower Upper

112 100

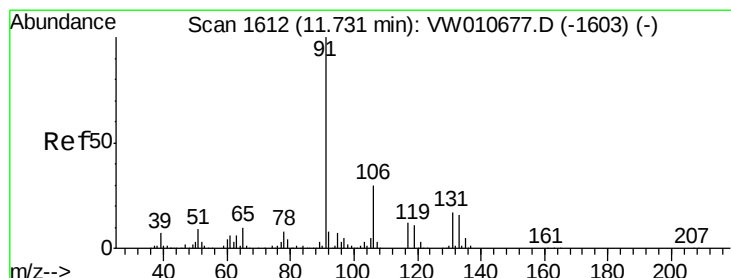
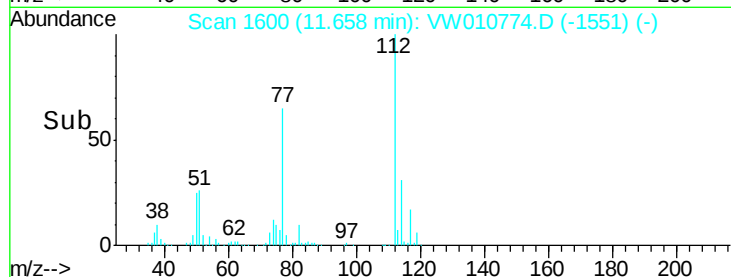
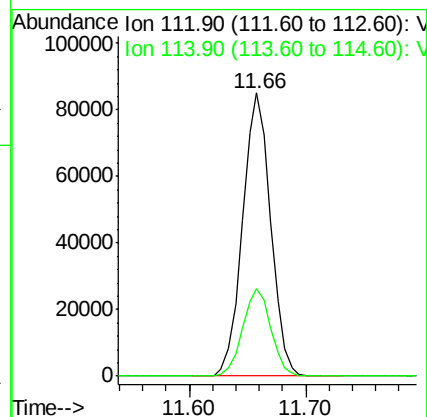
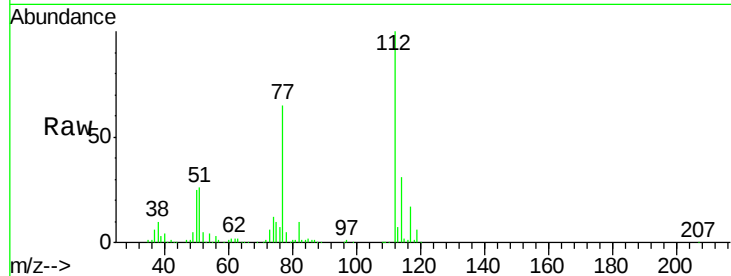
114 30.7 24.8 37.2

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.812 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

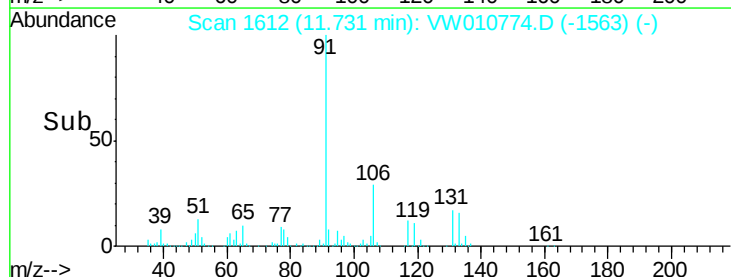
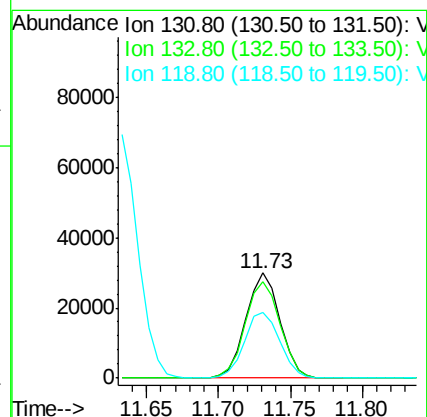
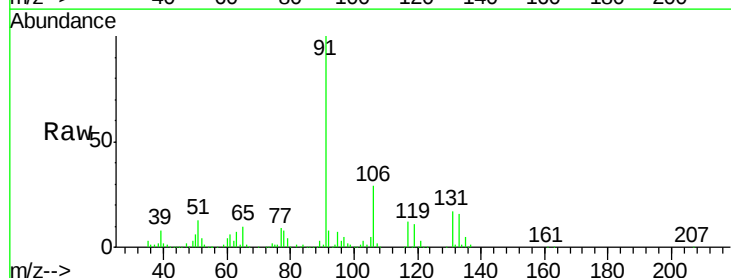
Tgt Ion:131 Resp: 49154

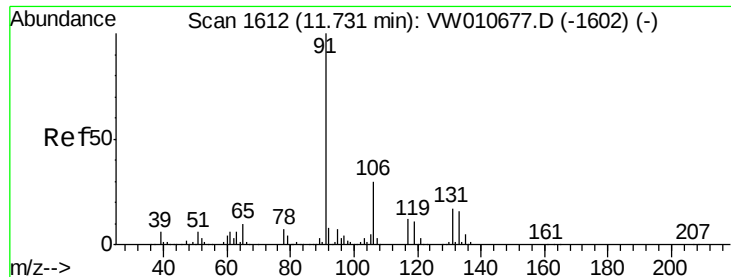
Ion Ratio Lower Upper

131 100

133 94.6 47.3 141.9

119 64.9 32.4 97.0





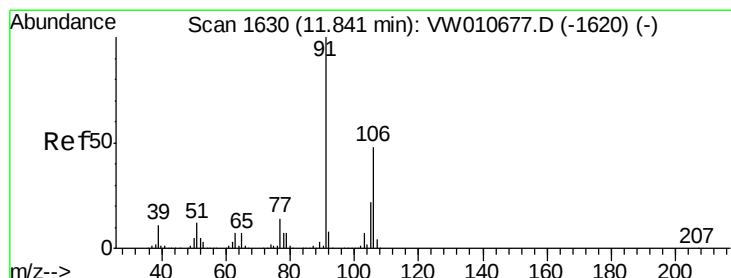
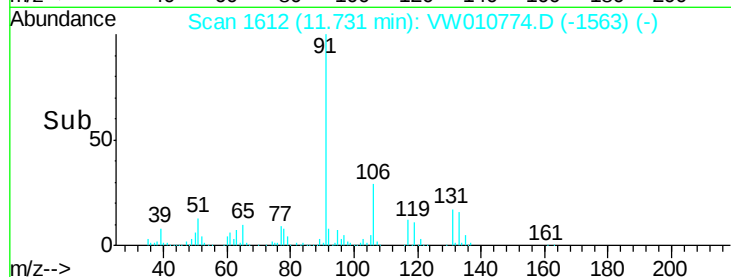
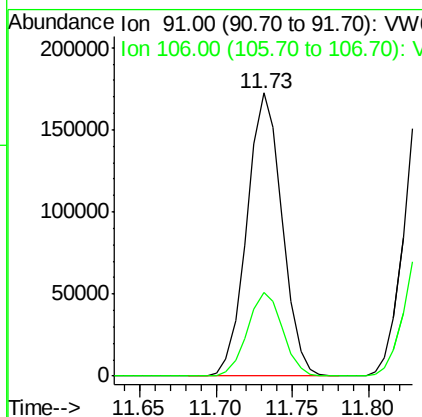
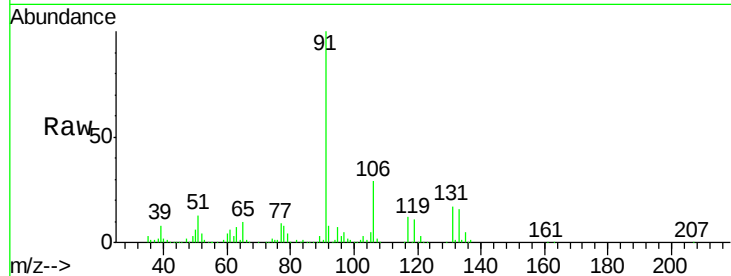
#67
Ethyl Benzene
Concen: 20.048 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.2	36.4

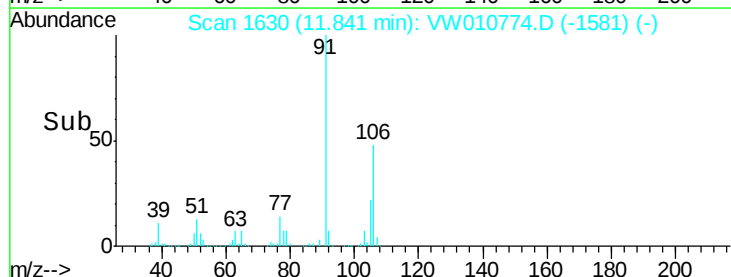
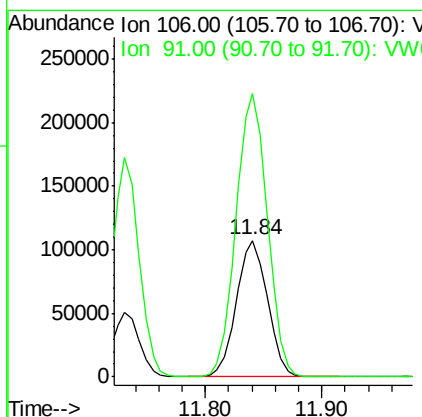
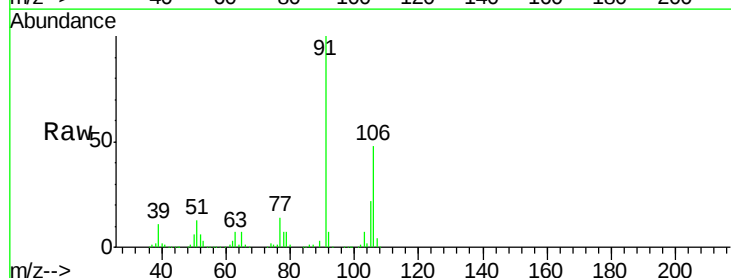
Manual Integrations
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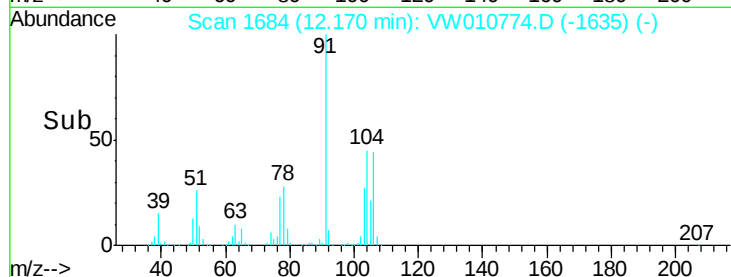
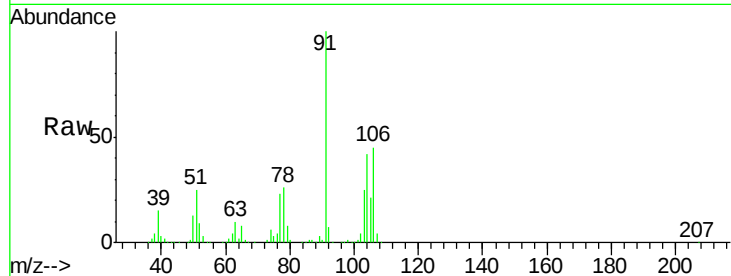
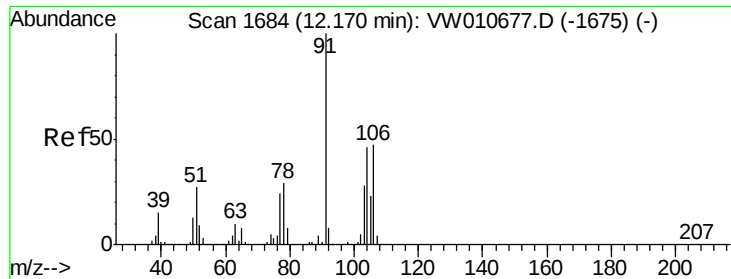
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#68
m/p-Xylenes
Concen: 40.530 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.3	166.5	249.7





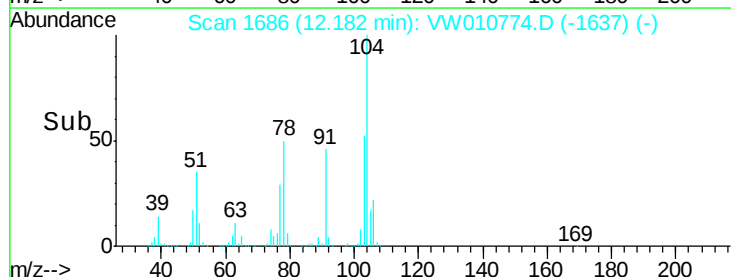
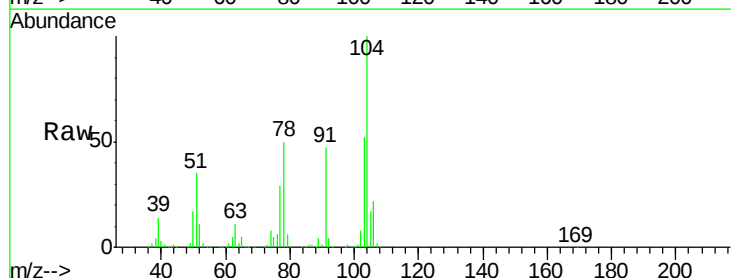
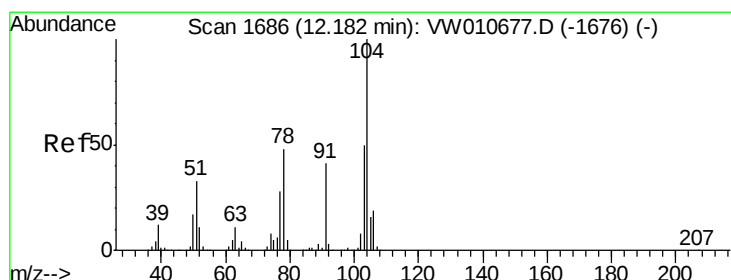
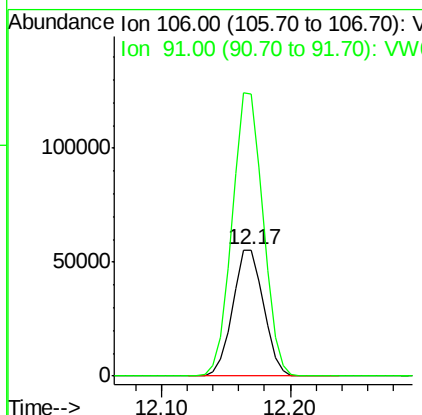
#69
o-Xylene
Concen: 19.799 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tot Ion:106 Resp: 92590
Ion Ratio Lower Upper
106 100
91 225.1 108.9 326.6

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

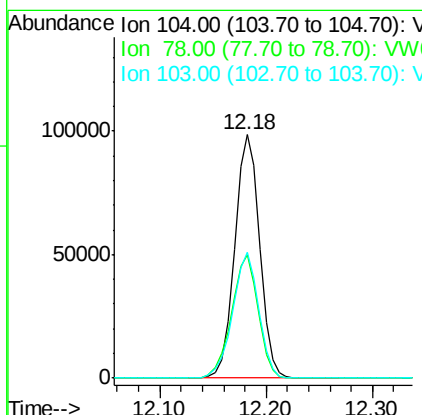
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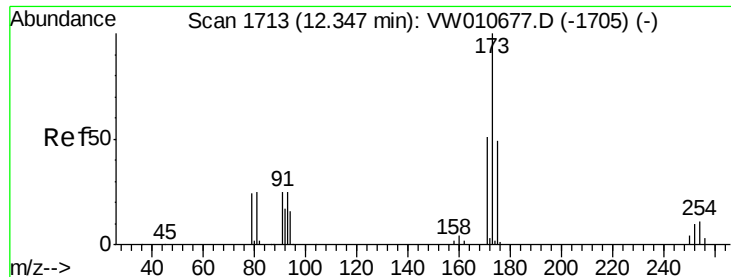
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#70
Styrene
Concen: 19.935 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion:104 Resp: 161950
Ion Ratio Lower Upper
104 100
78 53.9 42.7 64.1
103 54.2 43.6 65.4





#71

Bromoform

Concen: 17.215 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

Tot Ion:173 Resp: 22090

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

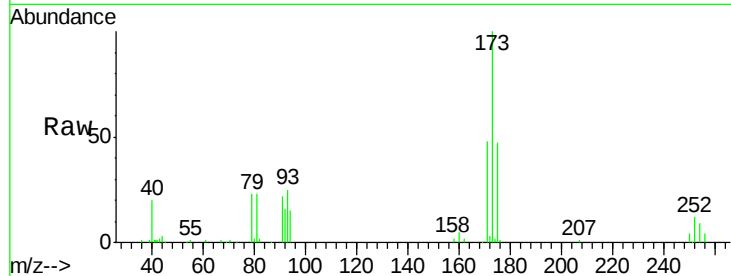
254 0.0 0.1 0.1#

Manual Integrations

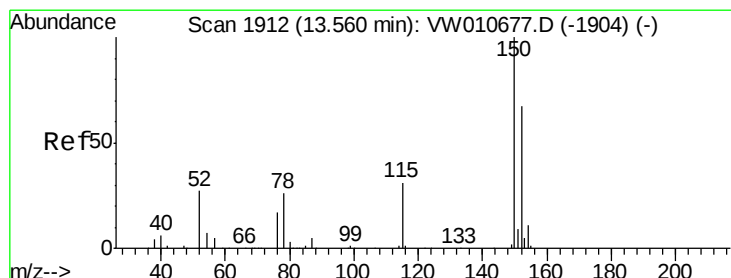
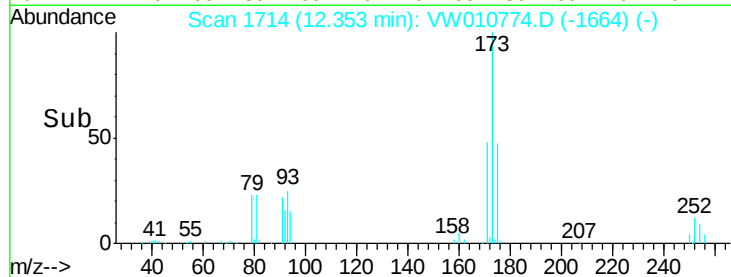
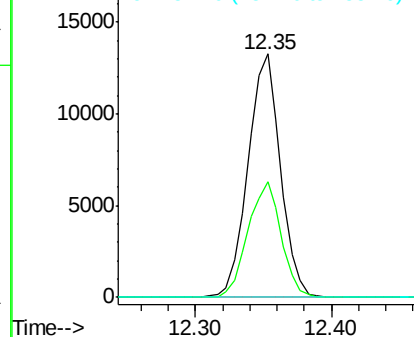
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

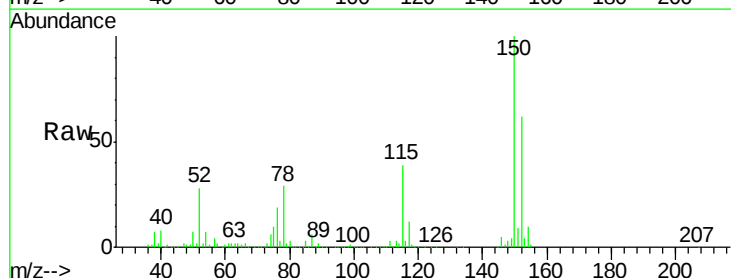
Tgt Ion:152 Resp: 174308

Ion Ratio Lower Upper

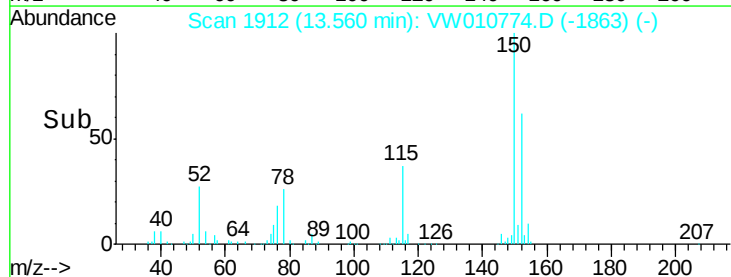
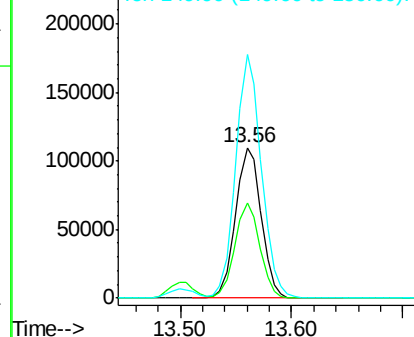
152 100

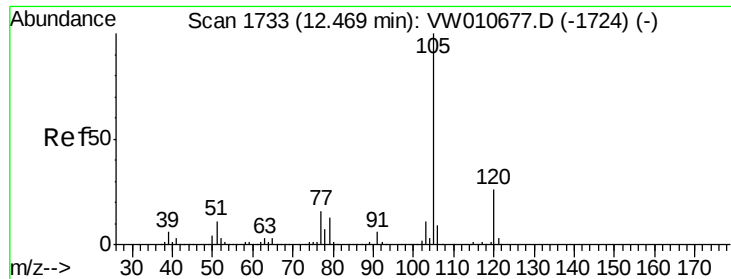
115 62.0 29.8 89.3

150 162.7 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: 20.082 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

Tot Ion:105 Resp: 263048

Ion Ratio Lower Upper

105 100

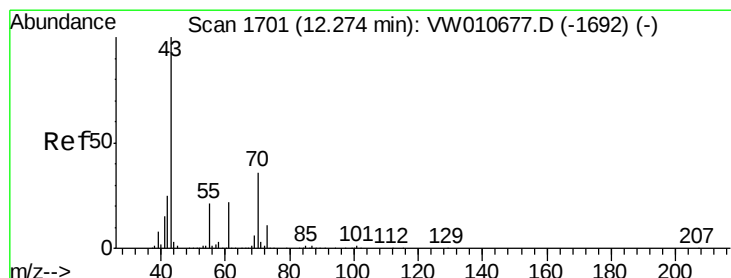
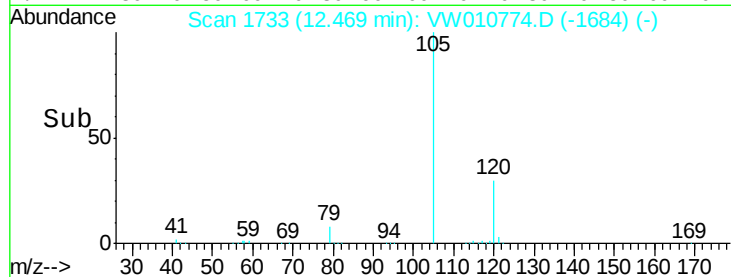
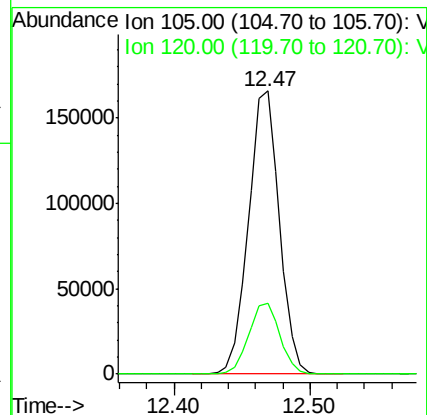
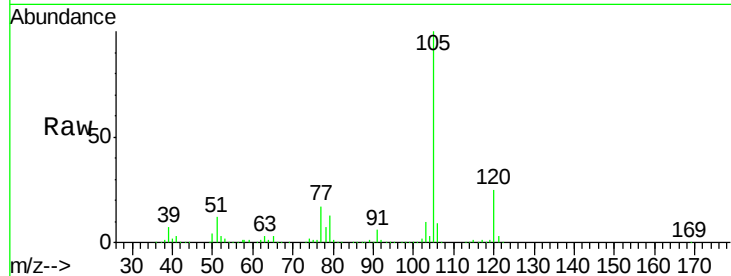
120 25.5 13.1 39.1

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#74

N-ethyl acetate

Concen: 17.500 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Tgt Ion: 43 Resp: 74082

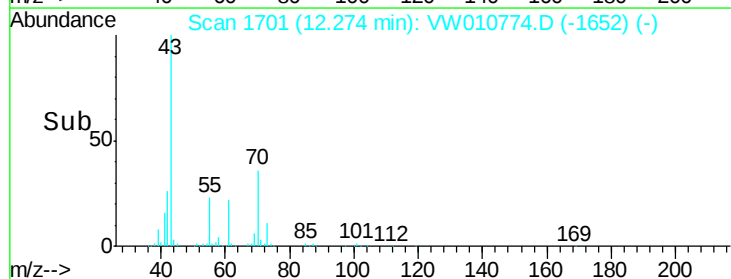
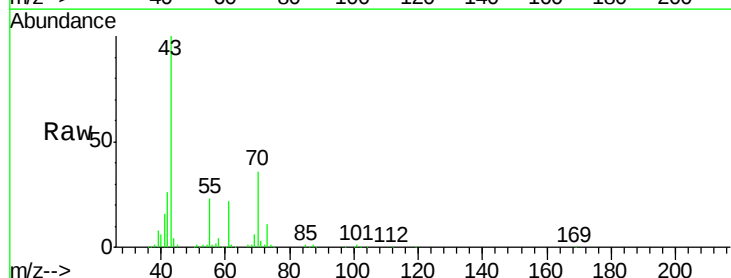
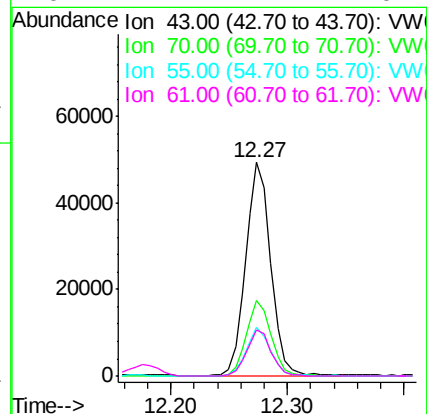
Ion Ratio Lower Upper

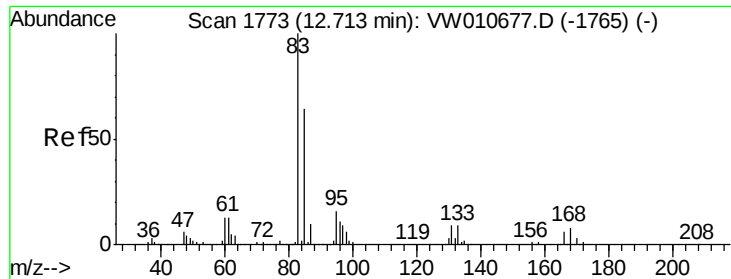
43 100

70 35.3 29.2 43.8

55 22.3 17.5 26.3

61 21.2 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.369 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

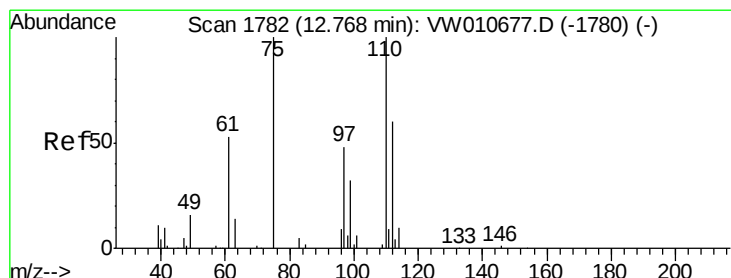
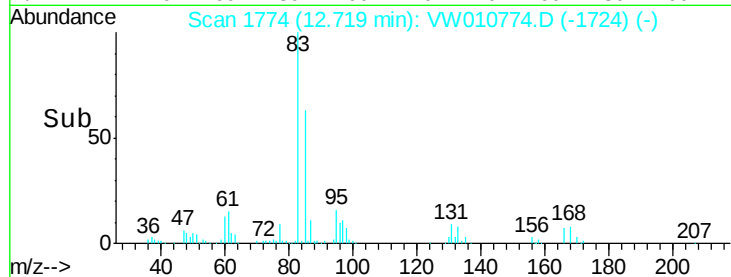
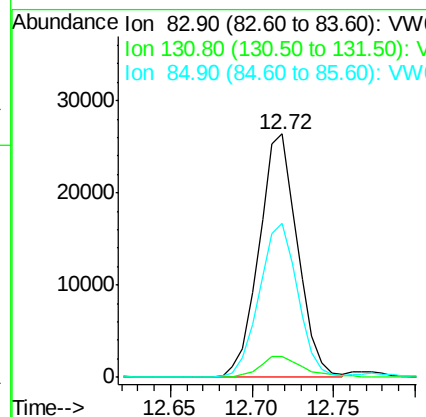
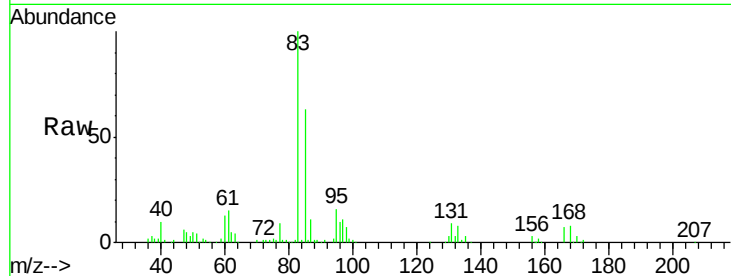
ClientSampleId :

VW0612SBS01

Tot Ion:	83	Resp:	43311
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.7
85	63.3	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 18.146 ug/l m

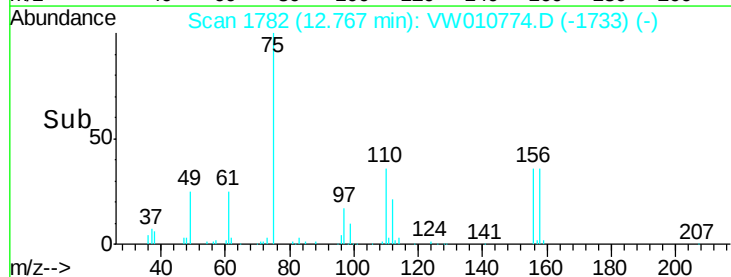
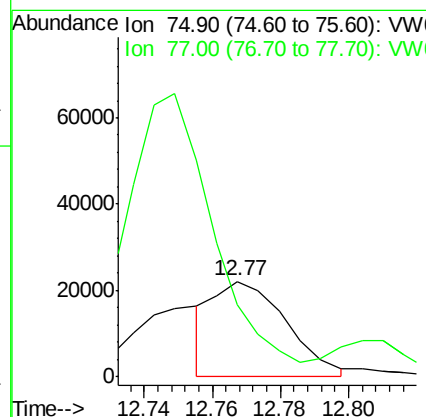
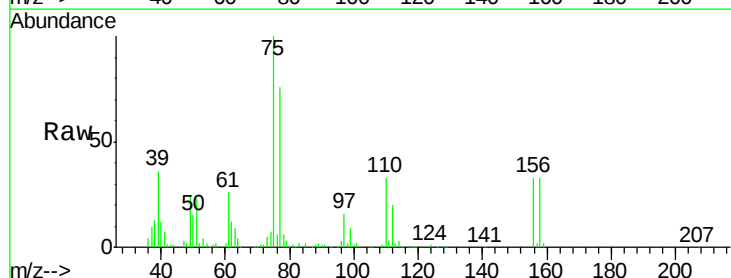
RT: 12.77 min Scan# 1782

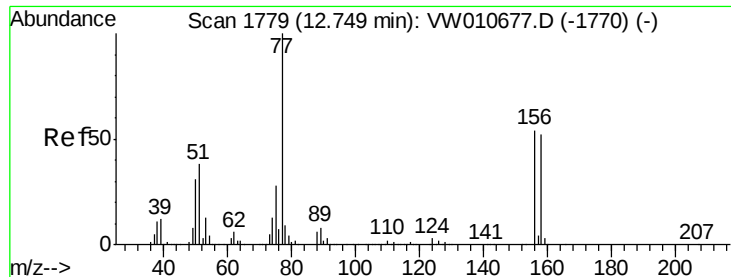
Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Tgt Ion:	75	Resp:	33215
Ion Ratio	Lower	Upper	
75	100		
77	356.8	0.0	0.0#





#77

Bromobenzene

Concen: 19.540 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

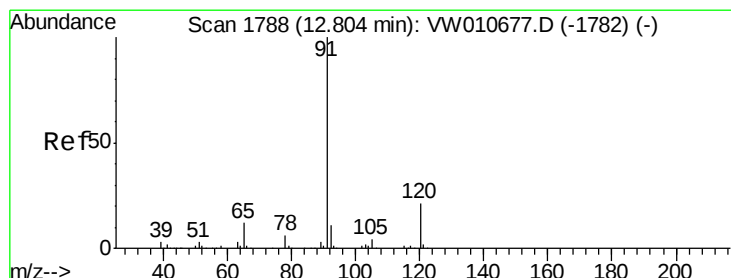
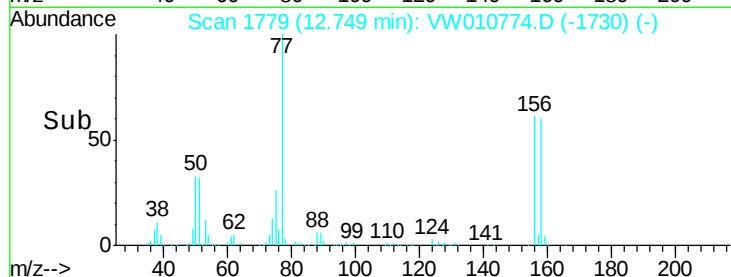
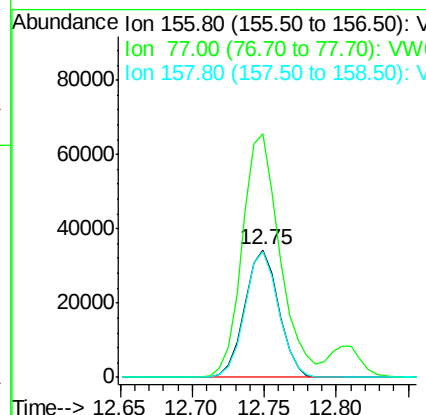
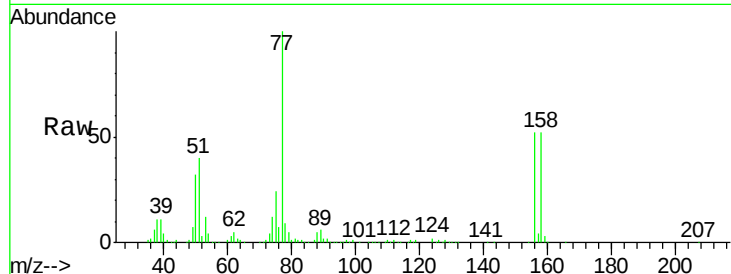
ClientSampleId :

VW0612SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		55870		
77	212.1		106.5	319.4	
158	97.8		48.3	144.9	

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#78

n-propylbenzene

Concen: 20.394 ug/l

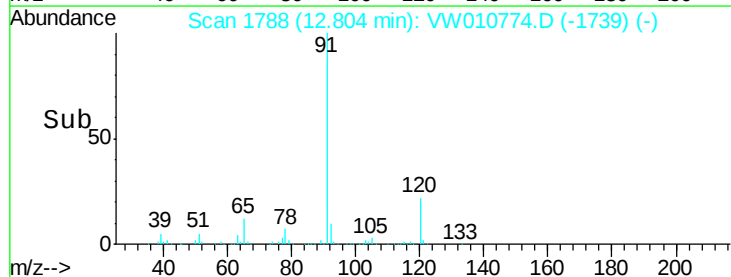
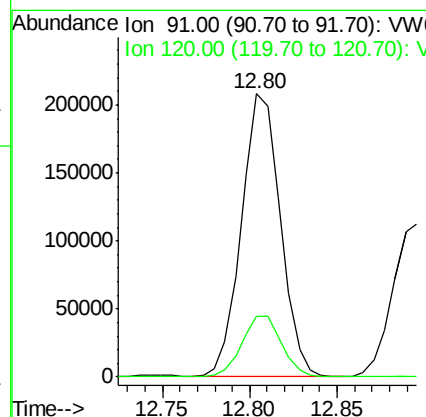
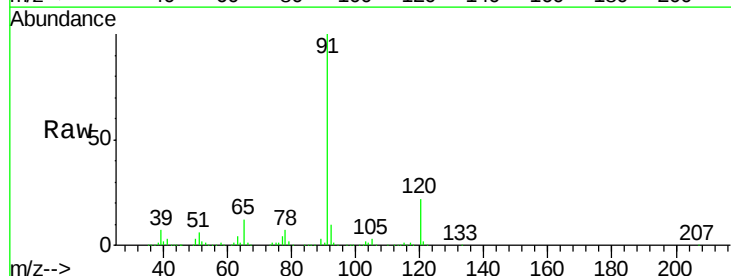
RT: 12.80 min Scan# 1788

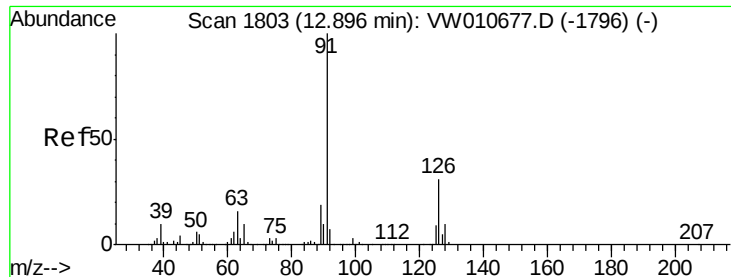
Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		322113		
120	21.9		10.8	32.4	





#79

2-Chlorotoluene

Concen: 20.283 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampled :

VW0612SBS01

Tot Ion: 91 Resp: 183023

Ion Ratio Lower Upper

91 100

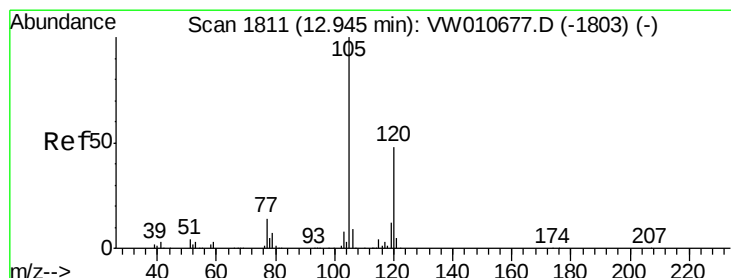
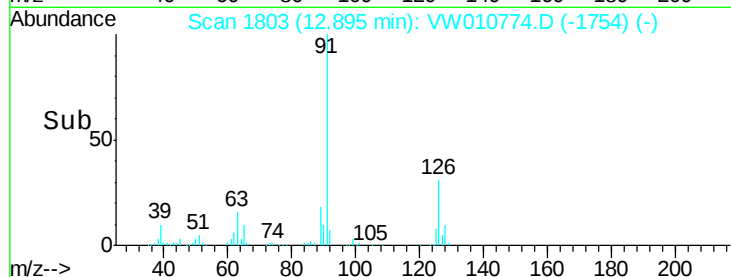
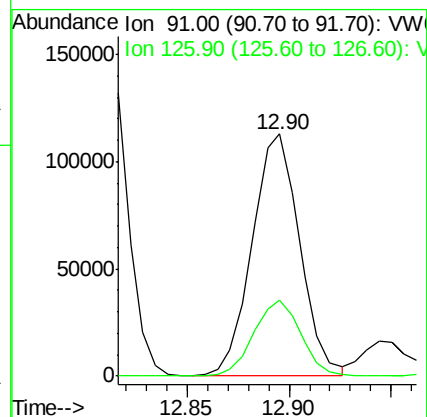
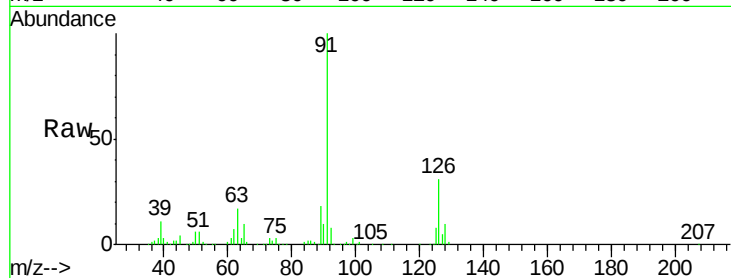
126 30.8 15.7 47.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.450 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010774.D

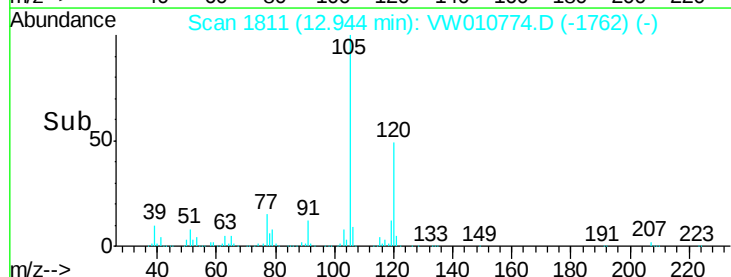
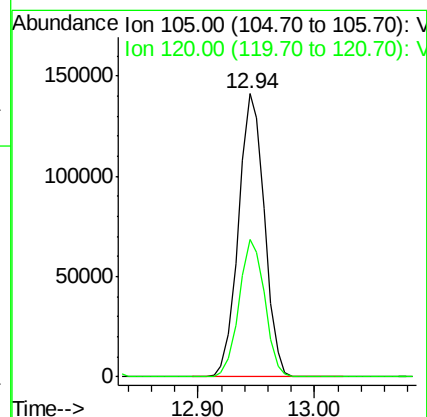
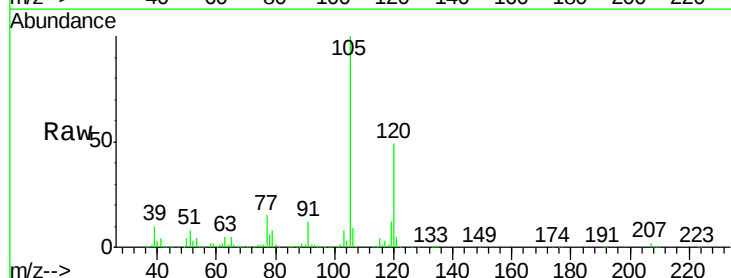
Acq: 12 Jun 2019 13:24

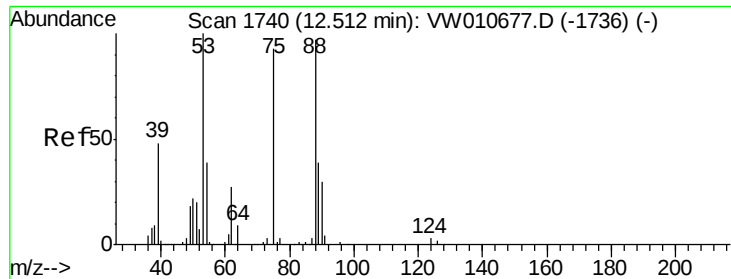
Tgt Ion:105 Resp: 219258

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.8





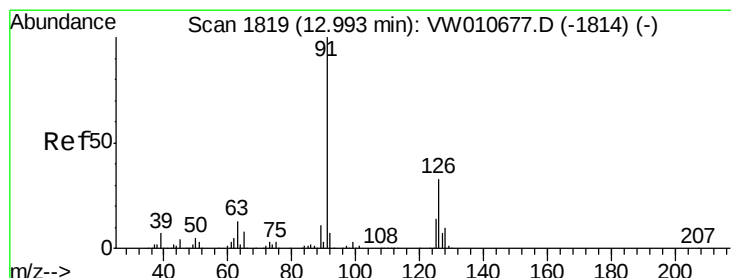
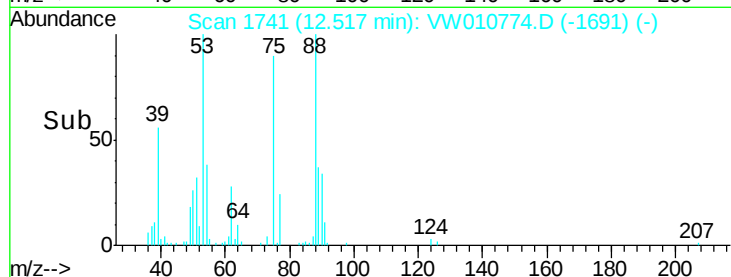
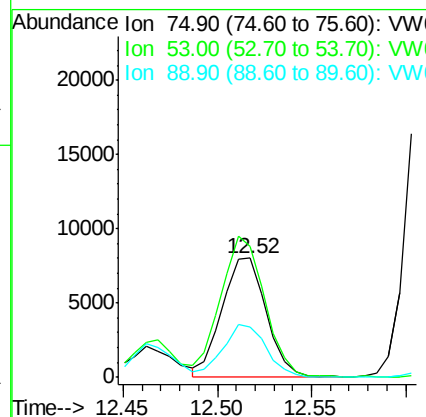
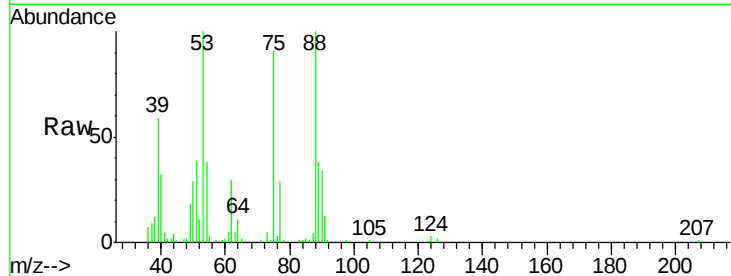
#81
trans-1,4-Dichloro-2-butene
Concen: 16.527 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	117.2	90.1	135.1
89	43.6	34.6	52.0

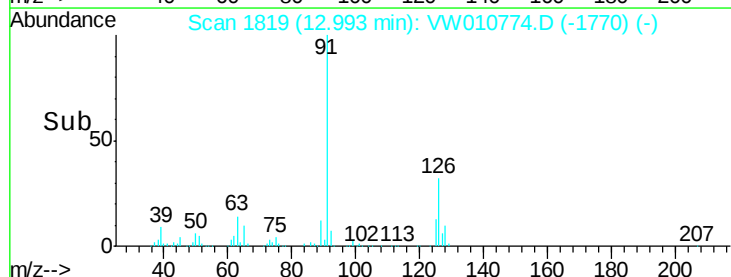
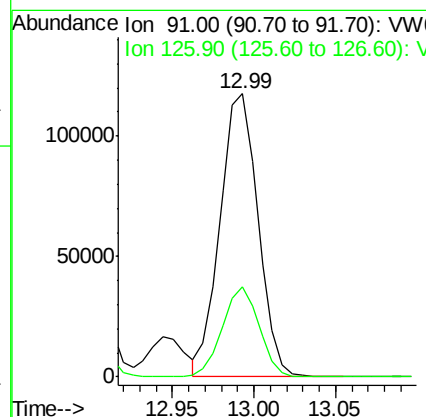
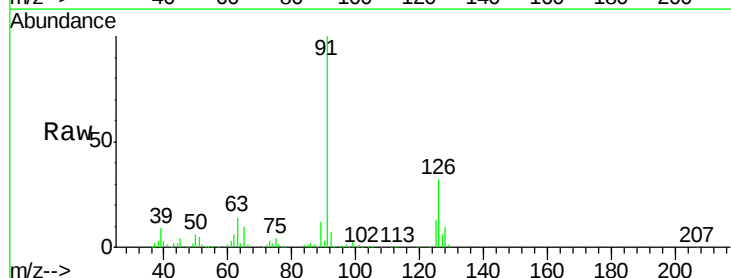
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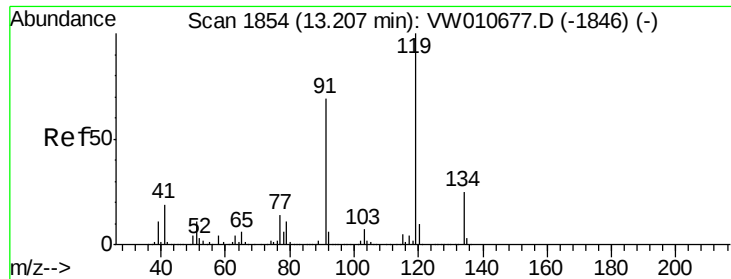
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#82
4-Chlorotoluene
Concen: 20.449 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.9	47.7





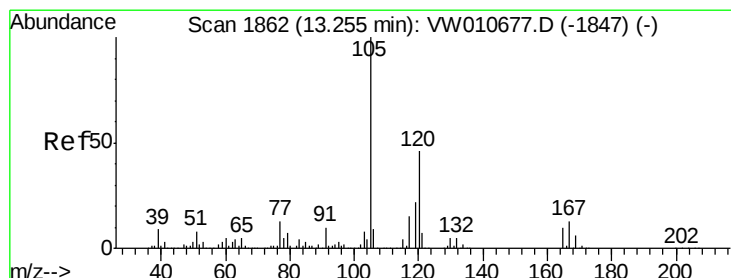
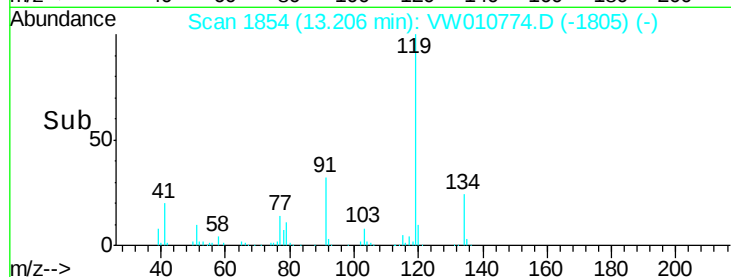
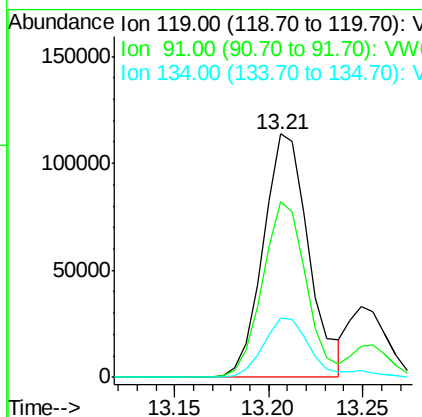
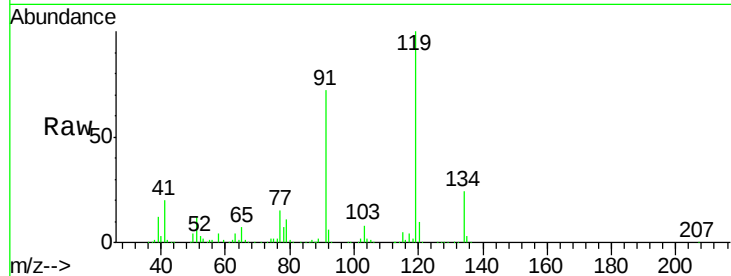
#83
tert-Butylbenzene
Concen: 20.985 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	190946		
91	69.0		35.1	105.3
134	26.1		13.6	40.7

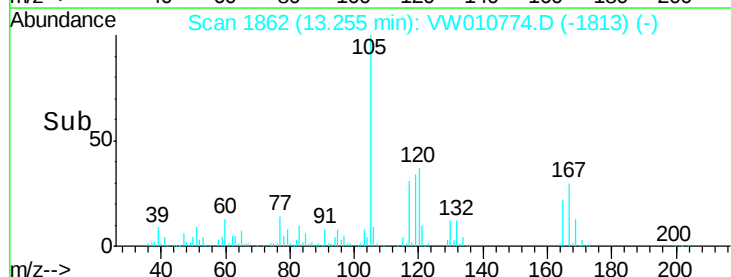
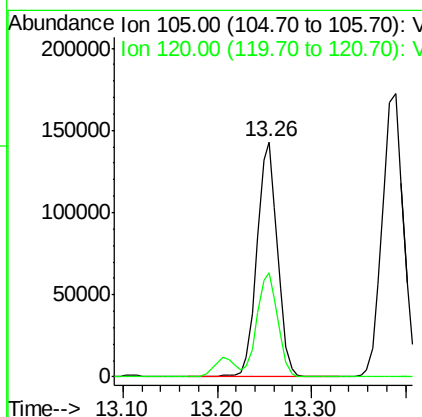
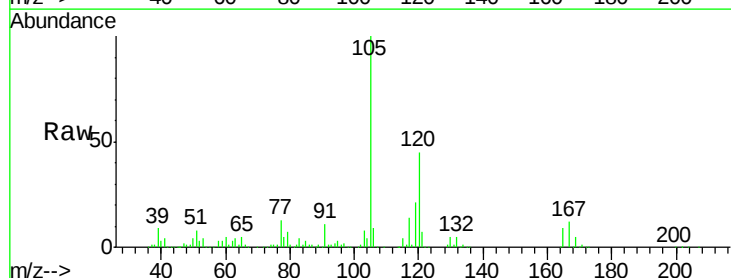
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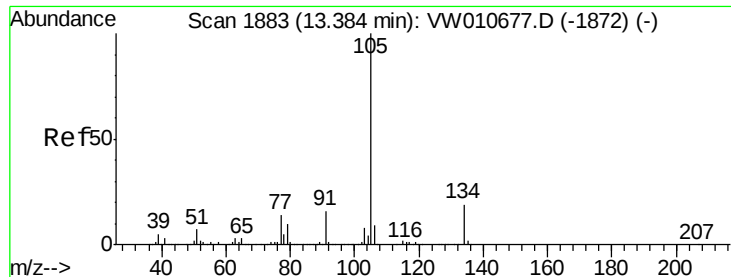
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#84
1,2,4-Trimethylbenzene
Concen: 20.348 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219529		
120	45.1		22.5	67.5





#85

sec-Butylbenzene

Concen: 20.304 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

Tot Ion:105 Resp: 268979

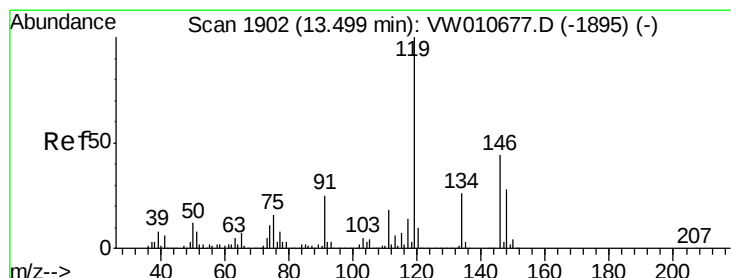
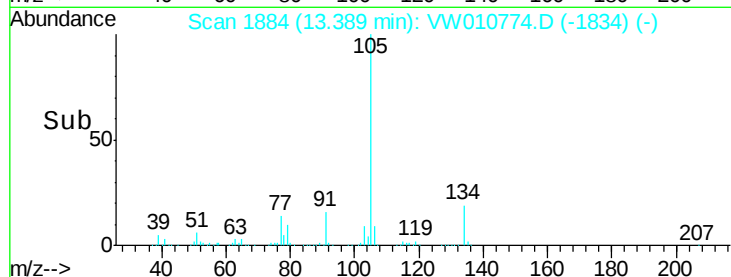
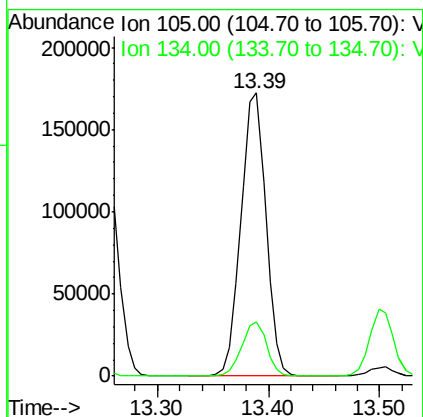
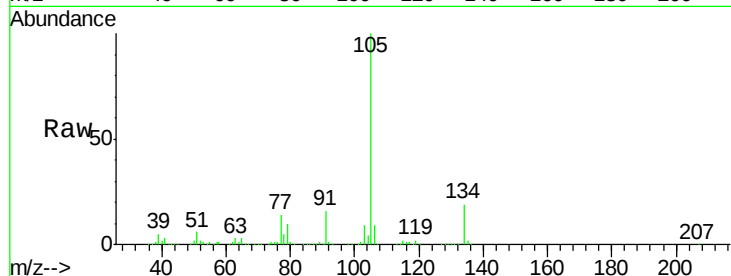
Ion Ratio Lower Upper

105 100

134 19.1 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 20.301 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

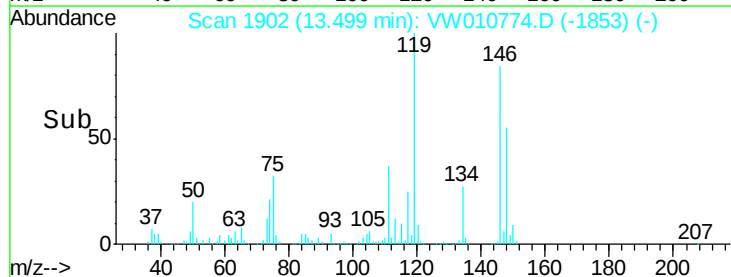
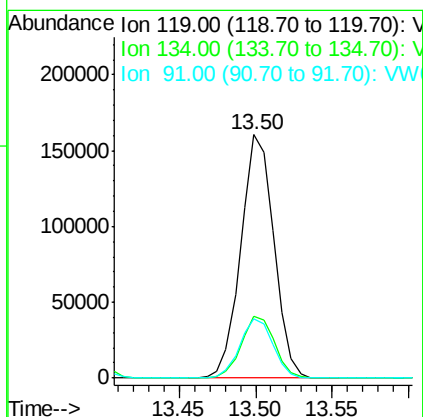
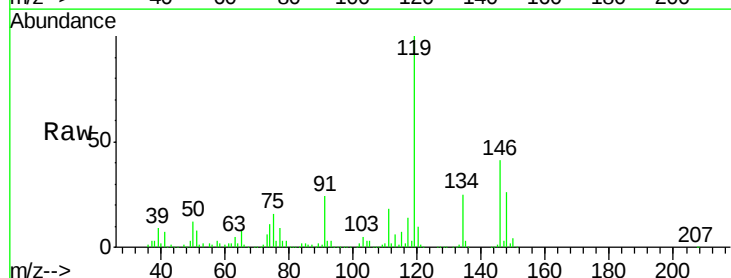
Tgt Ion:119 Resp: 240510

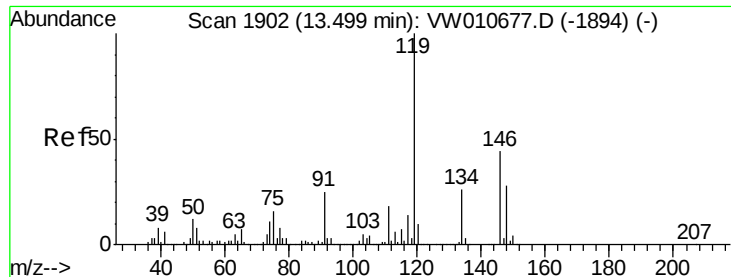
Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

91 24.6 12.2 36.4





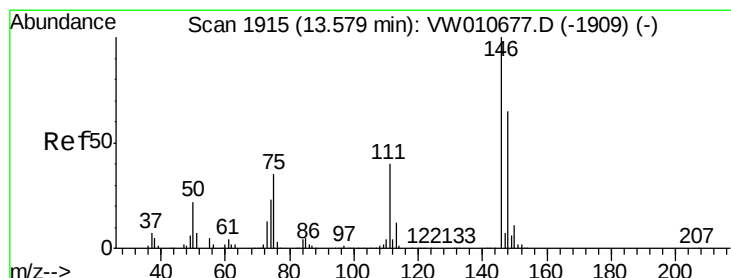
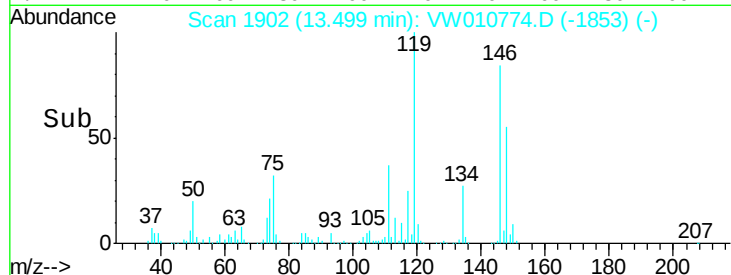
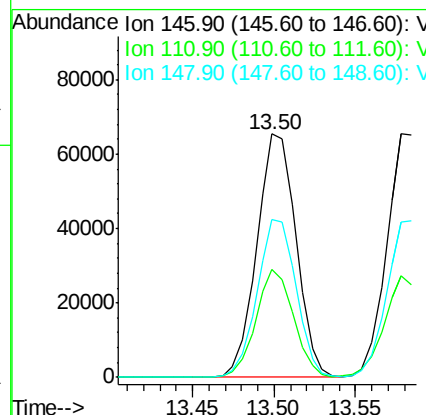
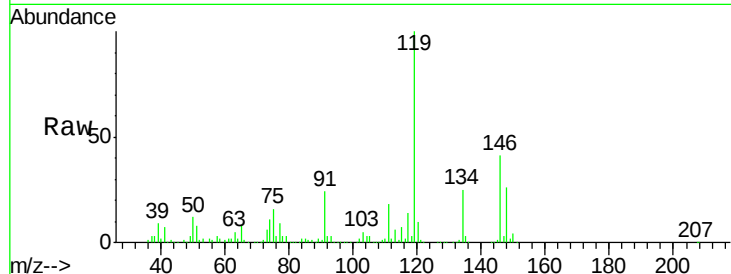
#87
 1,3-Dichlorobenzene
 Concen: 19.760 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	108953		
111	42.7		20.4	61.3
148	64.5		31.5	94.5

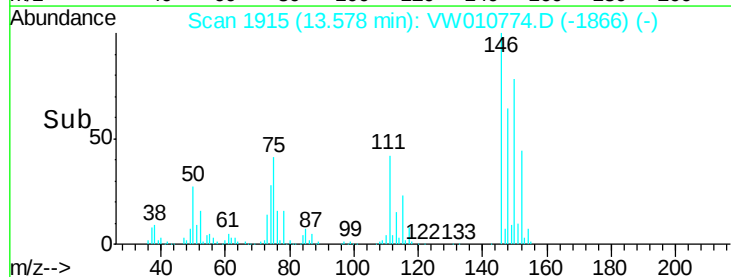
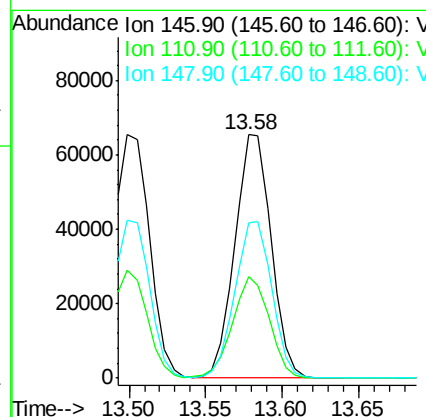
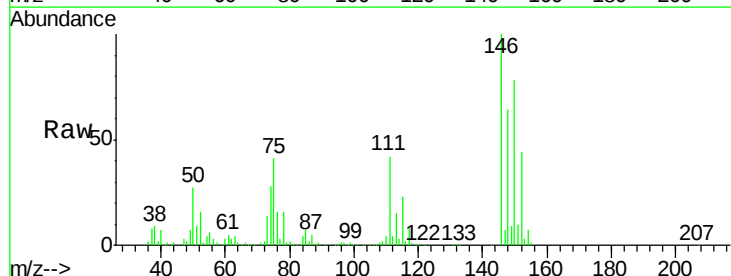
Manual Integrations
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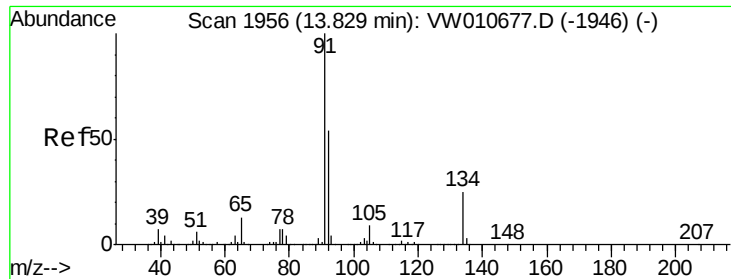
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#88
 1,4-Dichlorobenzene
 Concen: 19.694 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	107655		
111	42.5		20.3	60.9
148	65.5		32.4	97.2





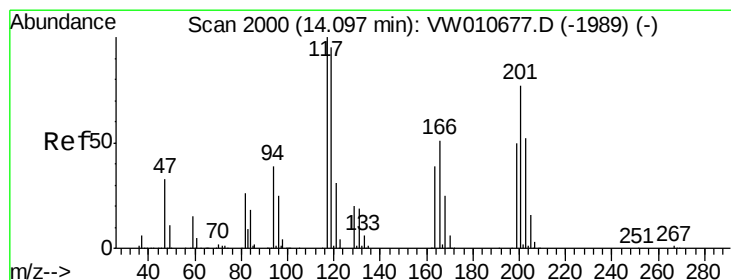
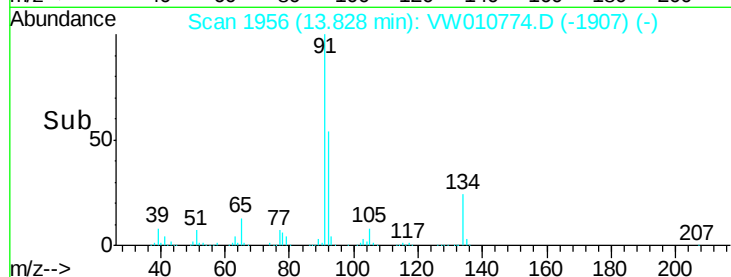
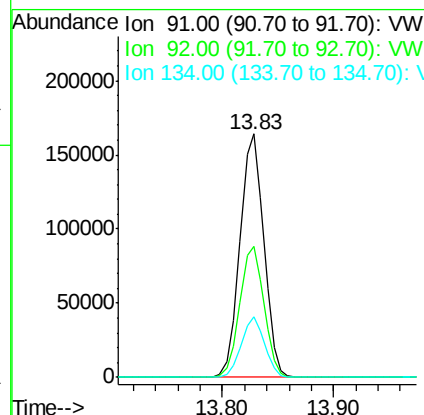
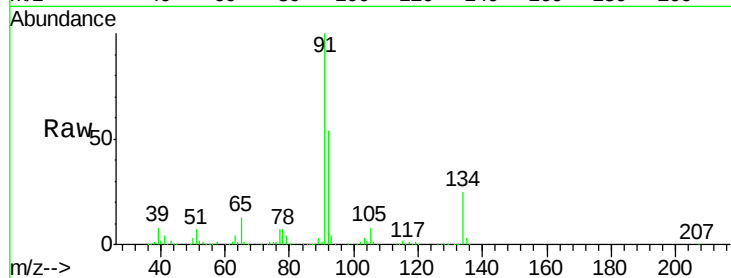
#89
n-Butylbenzene
Concen: 20.629 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.3	81.8
134	24.2	12.3	36.9

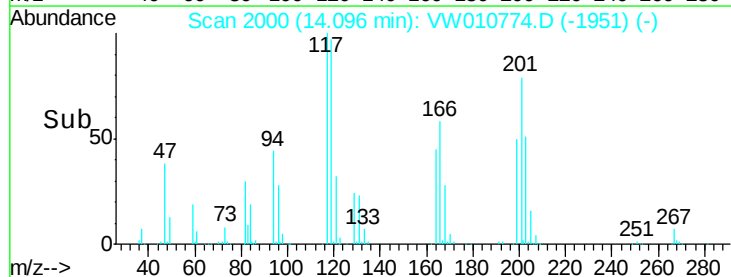
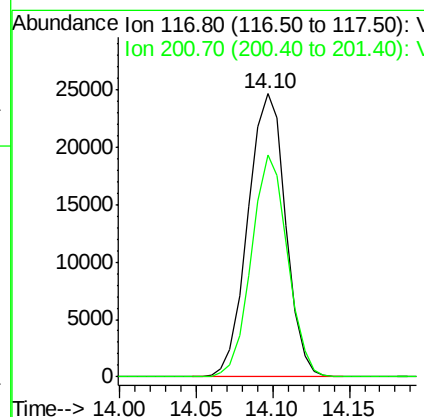
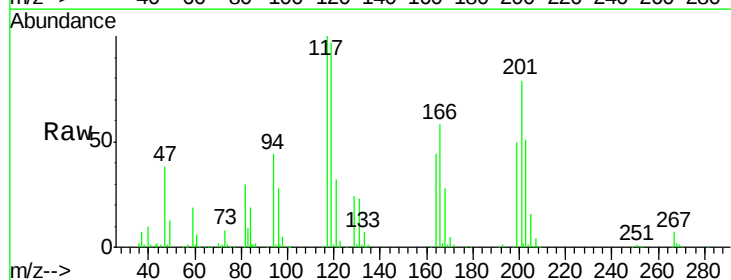
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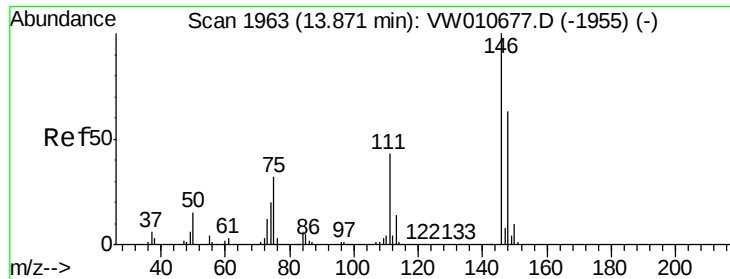
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#90
Hexachloroethane
Concen: 19.894 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010774.D
Acq: 12 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.2	38.8	116.4





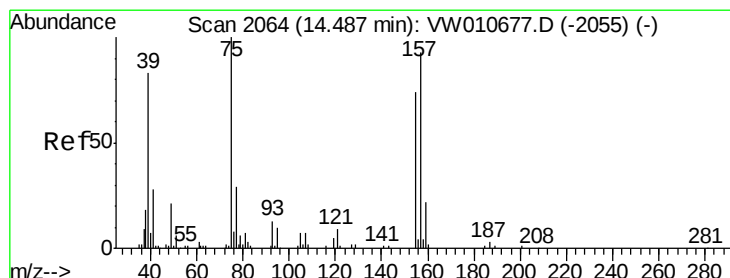
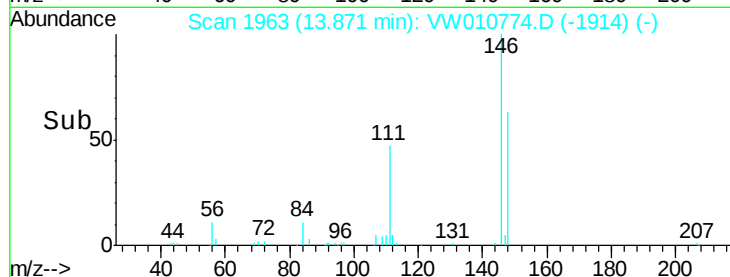
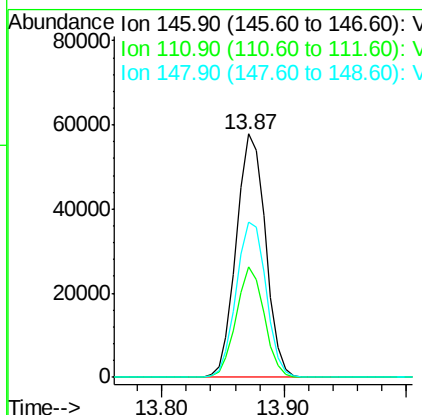
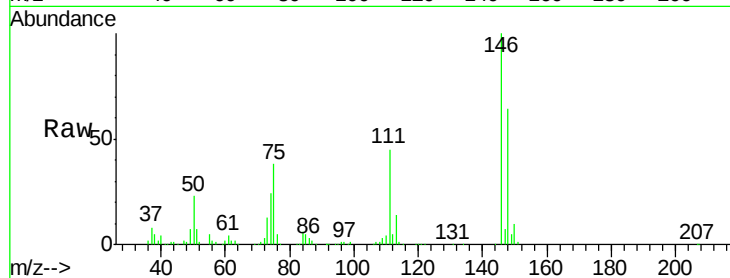
#91
 1,2-Dichlorobenzene
 Concen: 19.330 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.5	64.5
148	65.0	31.9	95.5

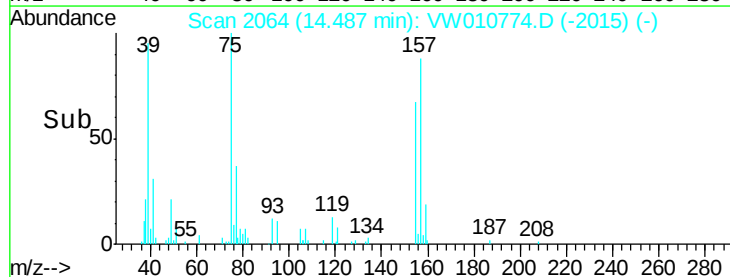
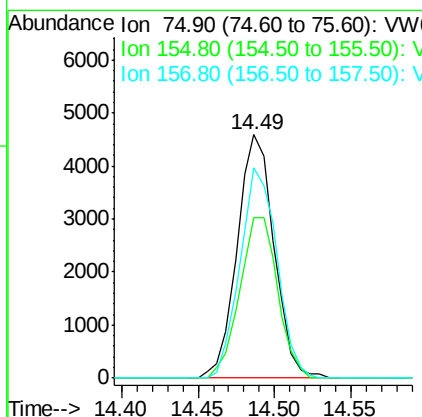
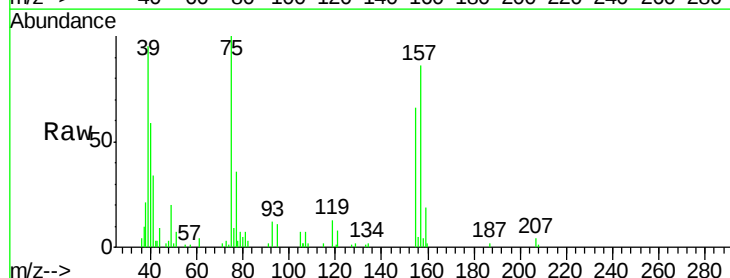
Manual Integrations
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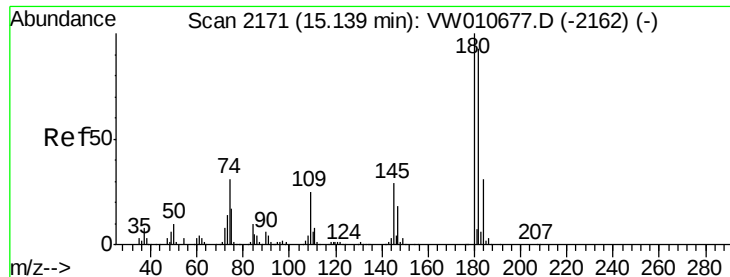
MMDadoda
 6/13/2019 11:31:57 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.896 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.0	38.8	116.4
157	86.8	48.4	145.0





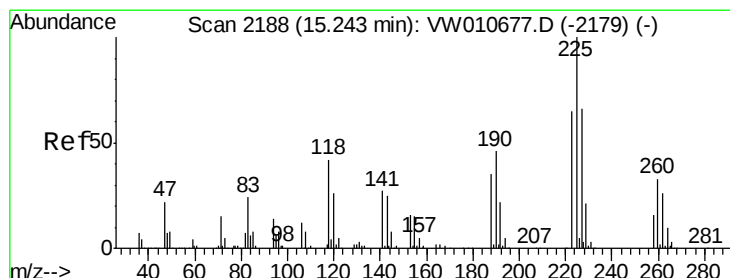
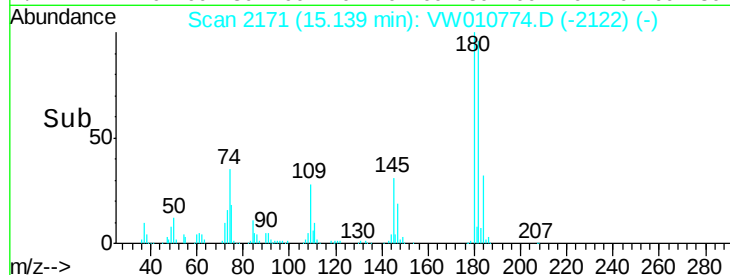
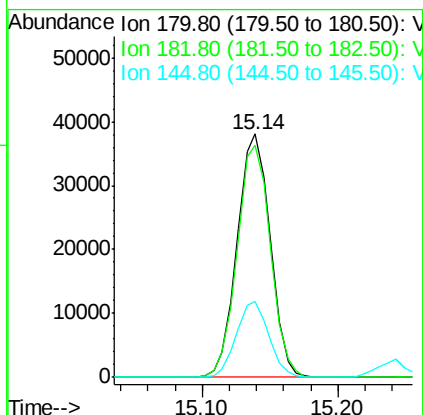
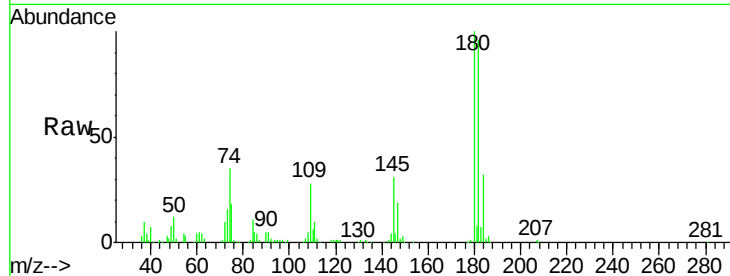
#93
 1,2,4-Trichlorobenzene
 Concen: 18.588 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.1	141.4
145	30.6	15.2	45.5

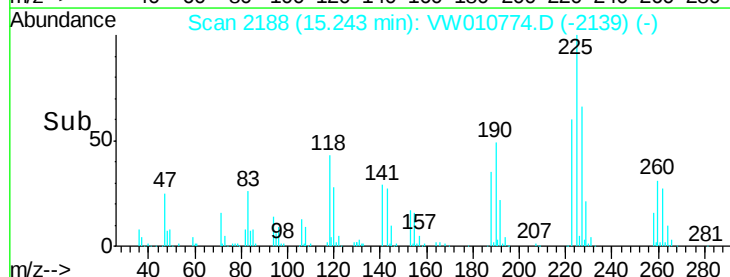
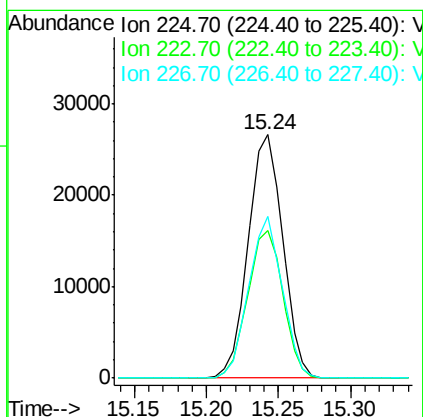
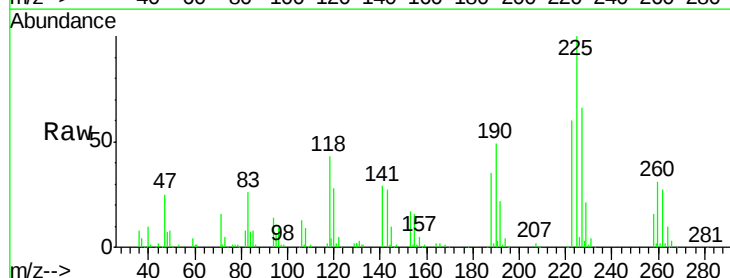
Manual Integrations
 APPROVED

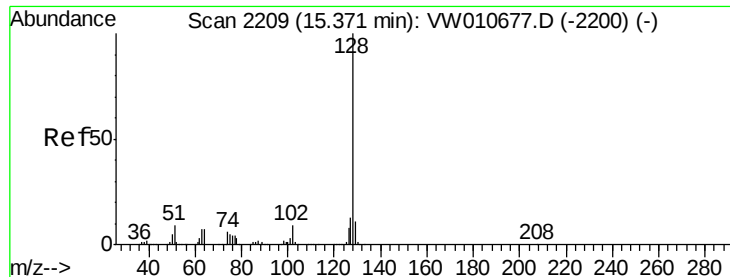
MMDadoda
 6/13/2019 11:31:57 AM



#94
 Hexachlorobutadiene
 Concen: 20.238 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010774.D
 Acq: 12 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	32.2	96.6
227	64.3	32.0	96.0





#95

Naphthalene

Concen: 16.387 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Instrument :

MSVOA_W

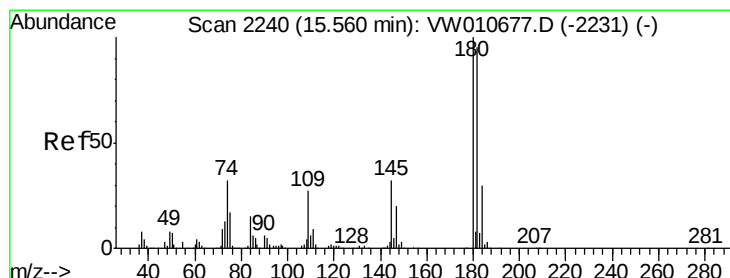
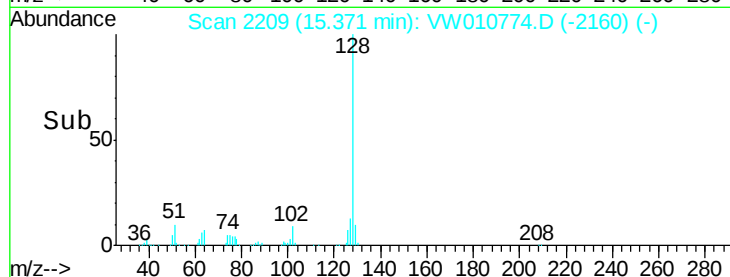
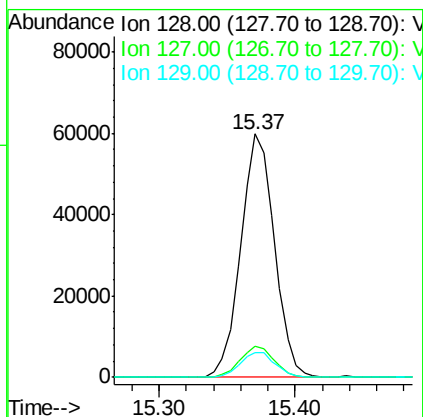
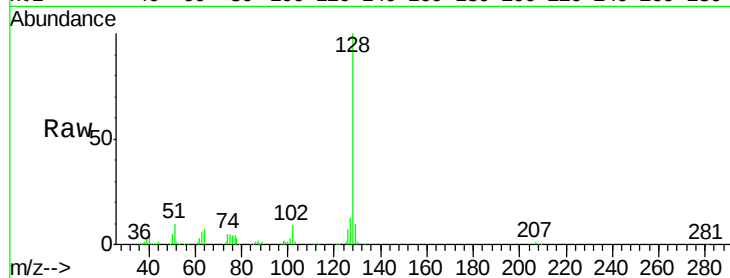
ClientSampleId :

VW0612SBS01

Tot Ion:	128	Resp:	103605
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/13/2019 11:31:57 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.529 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010774.D

Acq: 12 Jun 2019 13:24

Tgt Ion:	180	Resp:	54834
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.0	141.0
145	32.5	16.1	48.3

