

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061019\
 Data File : VW010736.D
 Acq On : 10 Jun 2019 10:44
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 1:02:16 PM

Quant Time: Jun 11 05:37:51 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	293361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	467972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	410126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	191500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	166837	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.88	113	133677	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	10.32	98	559546	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.62	95	203099	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	112124	41.360	ug/l	98
3) Chloromethane	2.21	50	164414	41.222	ug/l	97
4) Vinyl Chloride	2.35	62	156425	42.449	ug/l	97
5) Bromomethane	2.76	94	85997	42.496	ug/l	97
6) Chloroethane	2.91	64	97141	43.916	ug/l	100
7) Trichlorofluoromethane	3.25	101	226564	47.363	ug/l	100
8) Diethyl Ether	3.68	74	72516	42.420	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	137690	46.818	ug/l	99
10) Methyl Iodide	4.27	142	120053	40.622	ug/l	98
11) Tert butyl alcohol	5.17	59	59353	210.699	ug/l	98
12) 1,1-Dichloroethene	4.03	96	130827	46.114	ug/l	96
13) Acrolein	3.90	56	36103	313.639	ug/l	99
14) Allyl chloride	4.67	41	304616	48.696	ug/l	98
15) Acrylonitrile	5.37	53	171453	206.447	ug/l	100
16) Acetone	4.13	43	250927	270.833	ug/l	98
17) Carbon Disulfide	4.37	76	419649	46.597	ug/l	98
18) Methyl Acetate	4.67	43	79672	39.948	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	358406	43.802	ug/l	99
20) Methylene Chloride	4.91	84	139399	42.889	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	149023	46.272	ug/l	94
22) Diisopropyl ether	6.31	45	584737	46.691	ug/l	99
23) Vinyl Acetate	6.26	43	1732126	229.182	ug/l	100
24) 1,1-Dichloroethane	6.21	63	298021	47.485	ug/l	99
25) 2-Butanone	7.17	43	309021	240.536	ug/l	97
26) 2,2-Dichloropropane	7.16	77	263566	51.609	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	163090	46.015	ug/l	97
28) Bromochloromethane	7.51	49	134595	48.055	ug/l	96
29) Tetrahydrofuran	7.53	42	162446	201.027	ug/l	99
30) Chloroform	7.68	83	268619	46.793	ug/l	98
31) Cyclohexane	7.95	56	311919	44.709	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	243995	48.658	ug/l	100
36) 1,1-Dichloropropene	8.08	75	231810	48.392	ug/l	99
37) Ethyl Acetate	7.25	43	111655	42.063	ug/l	99
38) Carbon Tetrachloride	8.07	117	207436	50.164	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	290468	47.700	ug/l	98
40) Benzene	8.32	78	616978	47.213	ug/l	99
41) Methacrylonitrile	7.48	41	76381	48.410	ug/l	93
42) 1,2-Dichloroethane	8.40	62	193449	46.642	ug/l	99
43) Isopropyl Acetate	8.43	43	225777	44.026	ug/l	100
44) Trichloroethene	9.09	130	151890	47.119	ug/l	100
45) 1,2-Dichloropropane	9.37	63	163692	47.320	ug/l	98
46) Dibromomethane	9.46	93	72508	45.127	ug/l	98
47) Bromodichloromethane	9.65	83	203138	48.773	ug/l	97
48) Methyl methacrylate	9.43	41	108471	43.870	ug/l	98
49) 1,4-Dioxane	9.45	88	18732	745.680	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	560087	213.783	ug/l	99
52) Toluene	10.39	92	378595	47.086	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	211653	47.978	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	251136	48.379	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	102637	44.342	ug/l	100
56) Ethyl methacrylate	10.65	69	157611	44.252	ug/l	98
57) 1,3-Dichloropropane	10.93	76	194697	44.634	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	380197	203.801	ug/l	99
59) 2-Hexanone	10.97	43	443495	234.226	ug/l	99
60) Dibromochloromethane	11.13	129	122445	47.720	ug/l	99
61) 1,2-Dibromoethane	11.24	107	96810	44.143	ug/l	99
64) Tetrachloroethene	10.86	164	124479	45.713	ug/l	97
65) Chlorobenzene	11.66	112	379085	47.003	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	134872	48.309	ug/l	99
67) Ethyl Benzene	11.73	91	741515	47.840	ug/l	100
68) m/p-Xylenes	11.84	106	529563	95.442	ug/l	99
69) o-Xylene	12.17	106	249547	47.421	ug/l	98
70) Styrene	12.18	104	432388	47.300	ug/l	99
71) Bromoform	12.35	173	67350	46.645	ug/l	100
73) Isopropylbenzene	12.46	105	706780	49.114	ug/l	100
74) N-amyl acetate	12.27	43	208720	44.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	119706	43.695	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	88622m	44.068	ug/l	
77) Bromobenzene	12.75	156	148095	47.146	ug/l	98
78) n-propylbenzene	12.80	91	857346	49.409	ug/l	100
79) 2-Chlorotoluene	12.90	91	482387	48.660	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	572824	48.632	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42610	48.698	ug/l	100
82) 4-Chlorotoluene	12.99	91	498846	48.761	ug/l	98
83) tert-Butylbenzene	13.21	119	493537	49.371	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	573591	48.392	ug/l	99
85) sec-Butylbenzene	13.38	105	713251	49.005	ug/l	100
86) p-Isopropyltoluene	13.50	119	635328	48.813	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	286880	47.358	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	279993	46.623	ug/l	100
89) n-Butylbenzene	13.83	91	645365	49.696	ug/l	100
90) Hexachloroethane	14.10	117	121307	52.044	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	248071	45.537	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20968	44.571	ug/l	94

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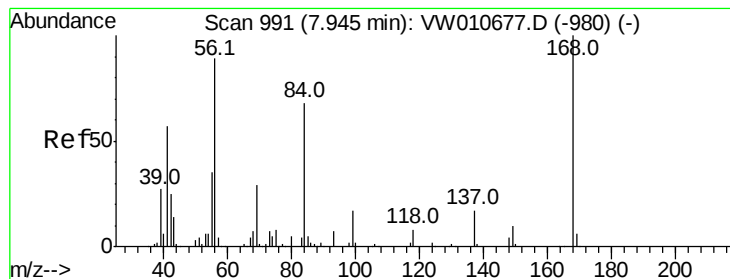
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	176114	46.068	ug/l	99
94) Hexachlorobutadiene	15.24	225	114407	47.684	ug/l	99
95) Naphthalene	15.37	128	300336	43.240	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	148226	45.592	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 293361

Ion Ratio Lower Upper

168 100

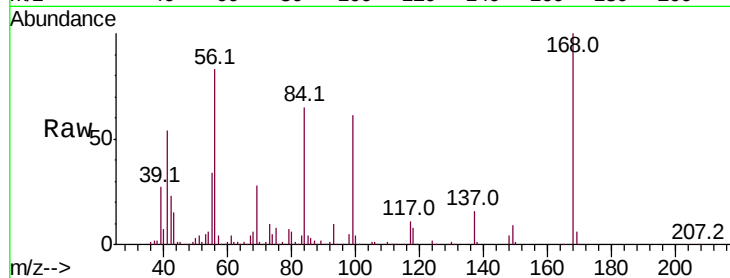
99 60.7 47.7 71.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

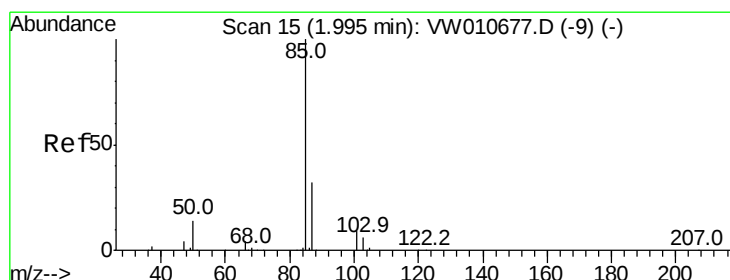
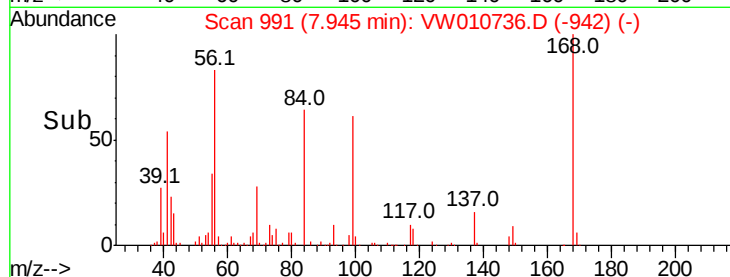
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 41.360 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010736.D

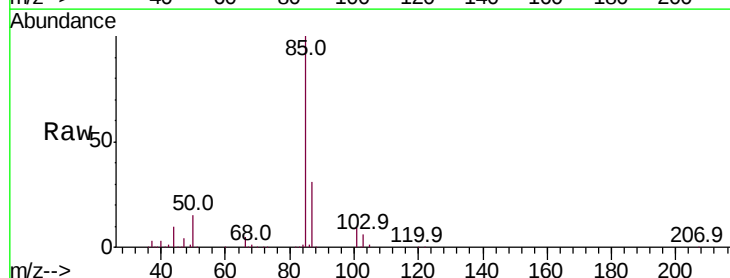
Acq: 10 Jun 2019 10:44

Tgt Ion: 85 Resp: 112124

Ion Ratio Lower Upper

85 100

87 31.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

60000

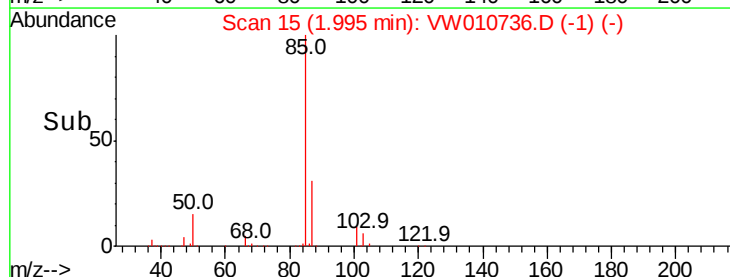
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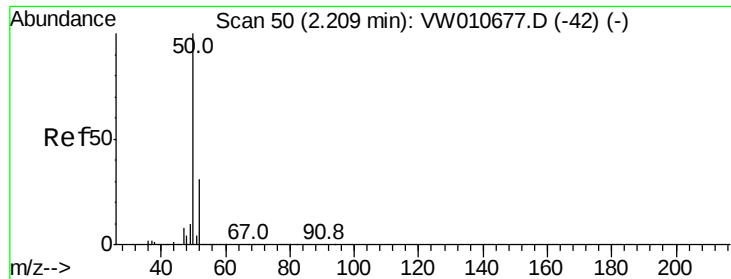
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 41.222 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 164414

Ion Ratio Lower Upper

50 100

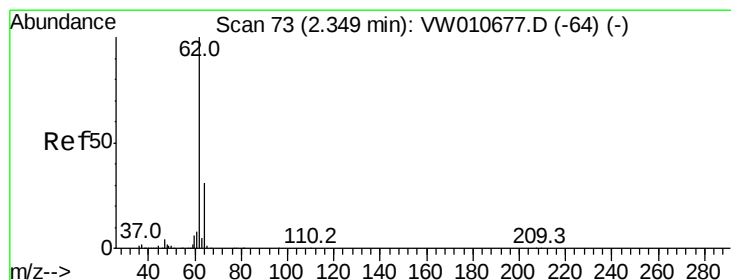
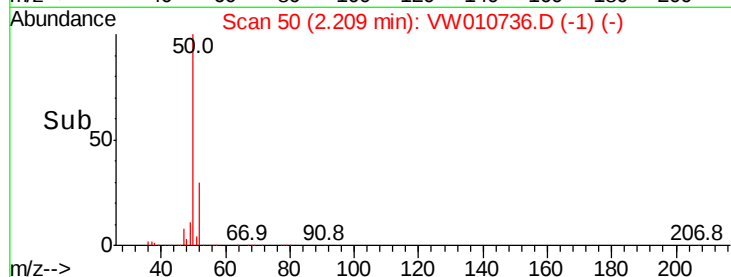
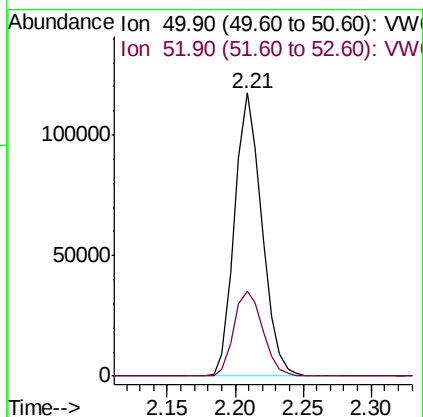
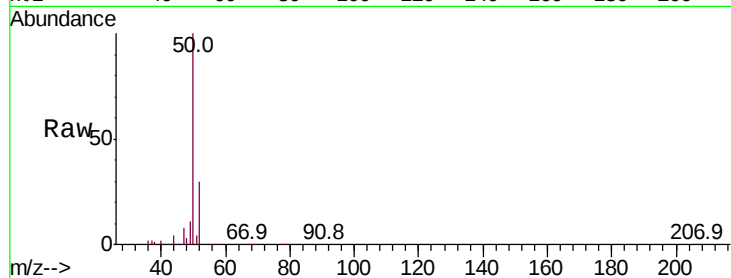
52 29.9 25.2 37.8

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#4

Vinyl Chloride

Concen: 42.449 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010736.D

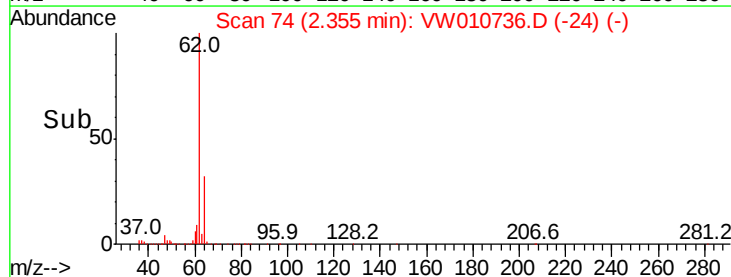
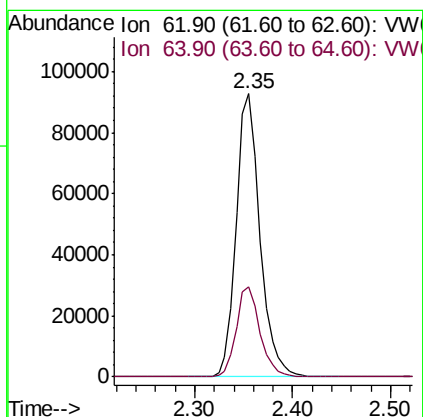
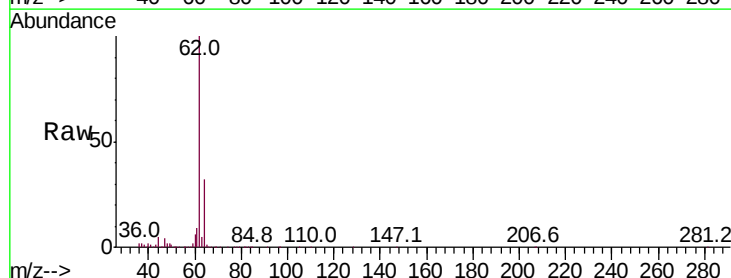
Acq: 10 Jun 2019 10:44

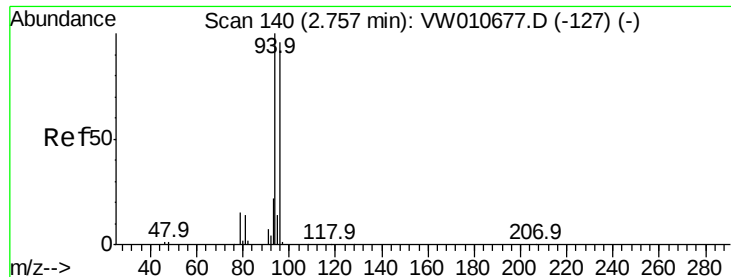
Tgt Ion: 62 Resp: 156425

Ion Ratio Lower Upper

62 100

64 32.0 24.5 36.7





#5

Bromomethane

Concen: 42.496 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.01 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 85997

Ion Ratio Lower Upper

94 100

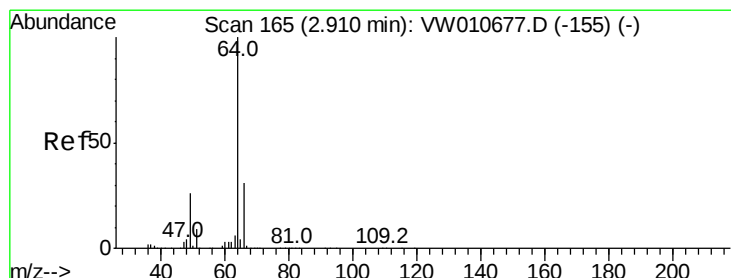
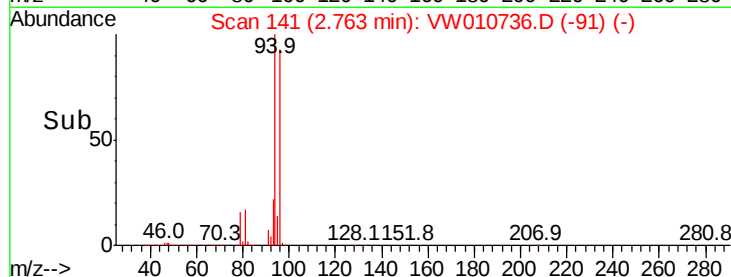
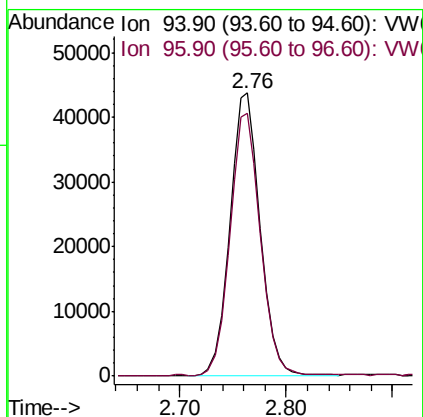
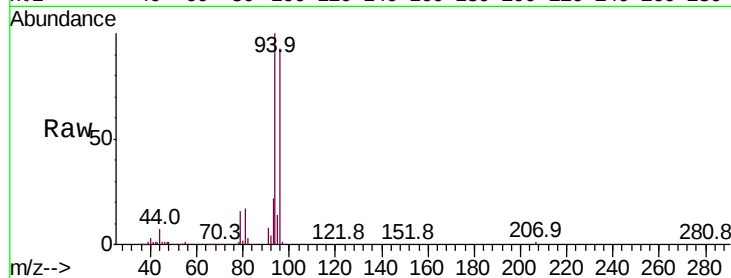
96 92.8 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 43.916 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010736.D

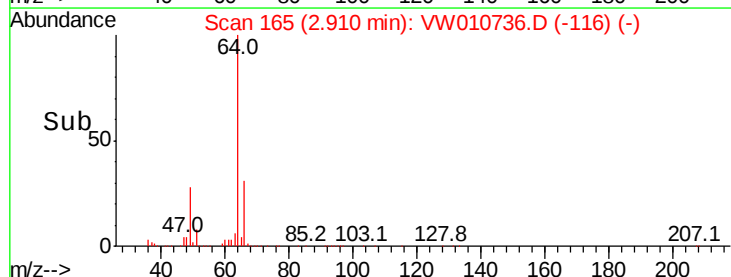
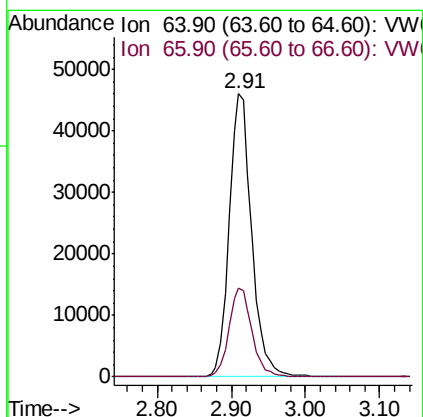
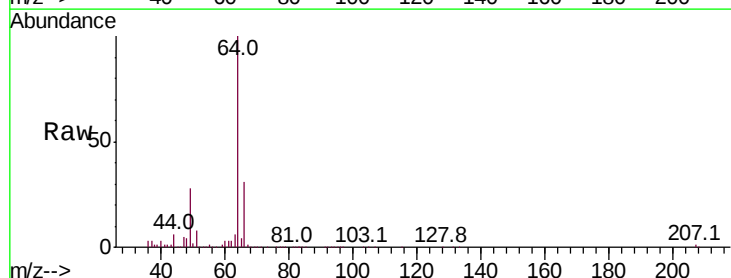
Acq: 10 Jun 2019 10:44

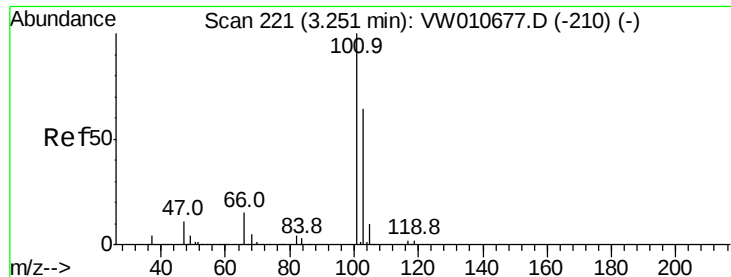
Tgt Ion: 64 Resp: 97141

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7





#7

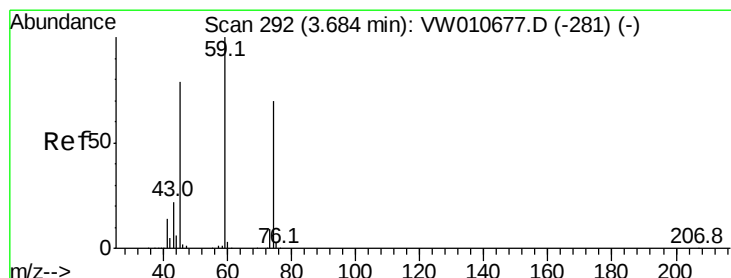
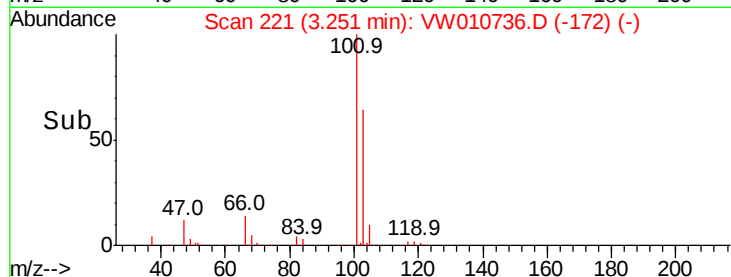
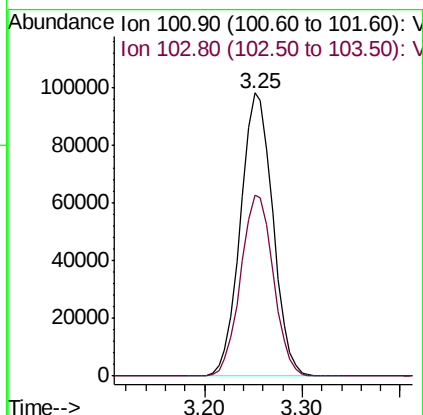
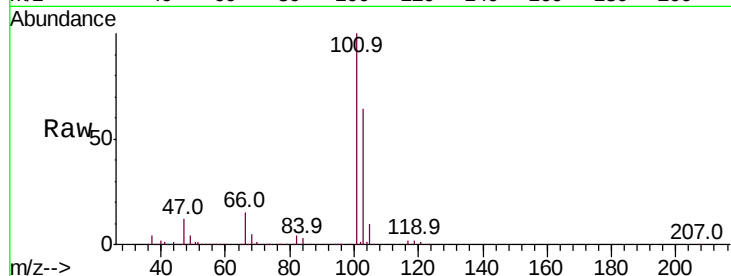
Trichlorofluoromethane
 Concen: 47.363 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.2	76.8

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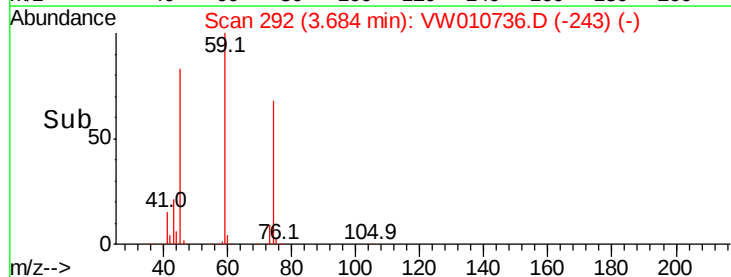
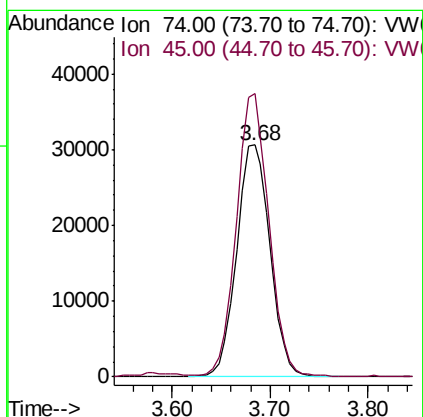
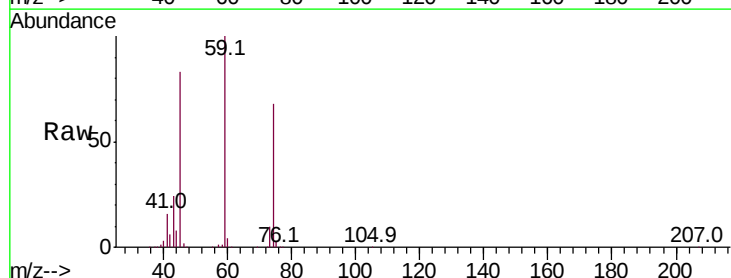
MMDadoda
 6/11/2019 1:02:16 PM

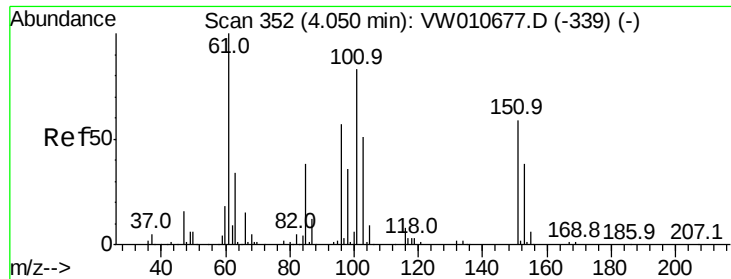


#8

Diethyl Ether
 Concen: 42.420 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.3	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.818 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

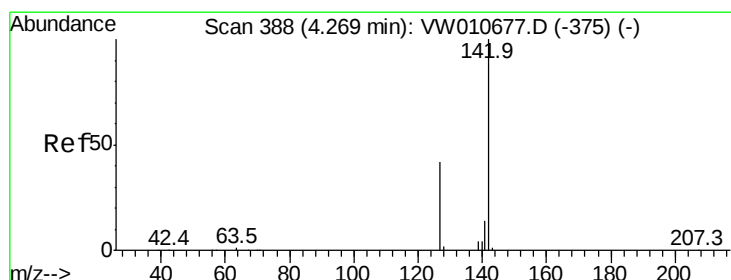
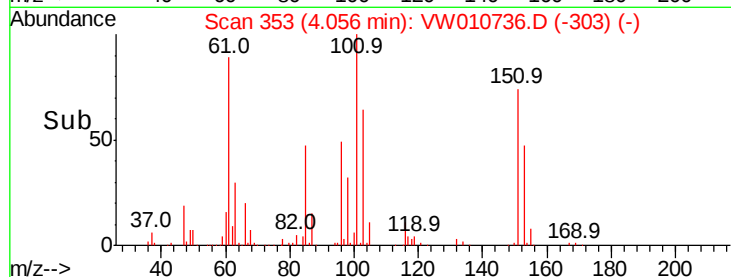
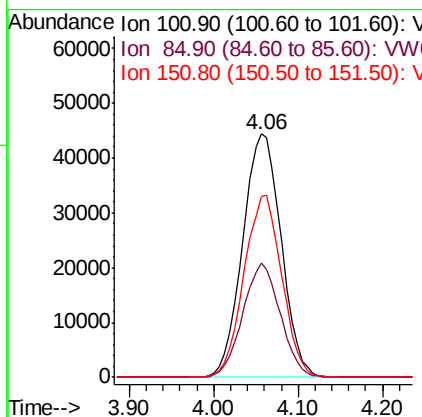
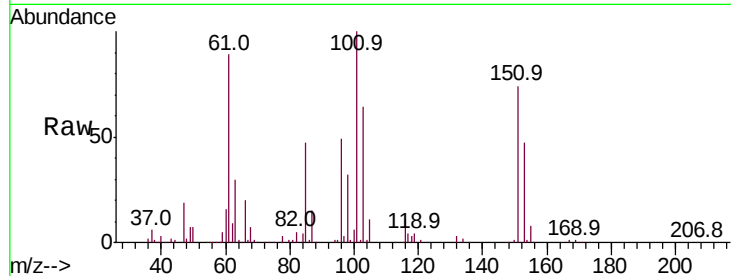
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	137690
Ion Ratio	Lower	Upper	
101	100		
85	45.7	35.8	53.8
151	73.5	58.1	87.1

Manual Integrations
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#10

Methyl Iodide

Concen: 40.622 ug/l

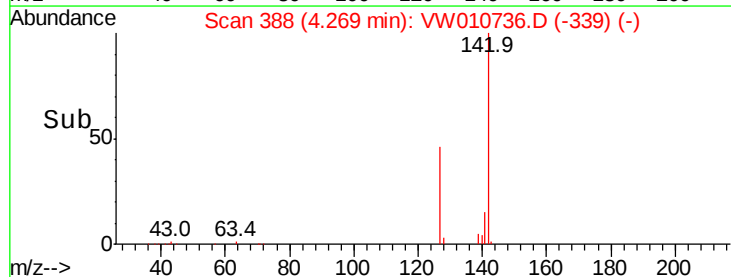
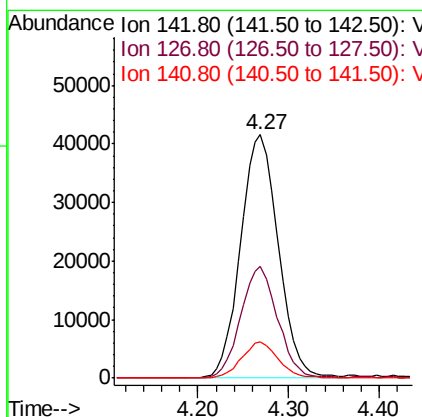
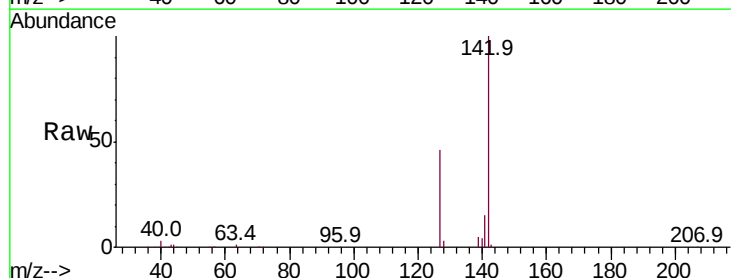
RT: 4.27 min Scan# 388

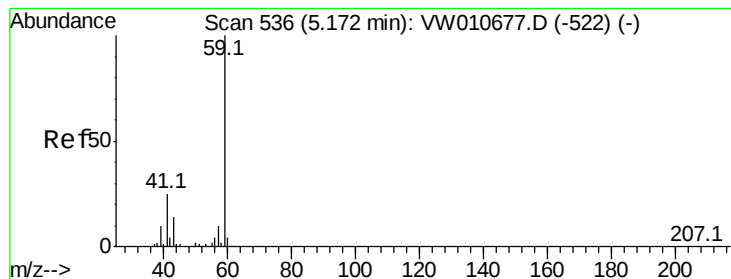
Delta R.T. 0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Tgt Ion:	142	Resp:	120053
Ion Ratio	Lower	Upper	
142	100		
127	44.9	34.6	51.8
141	14.5	11.6	17.4





#11

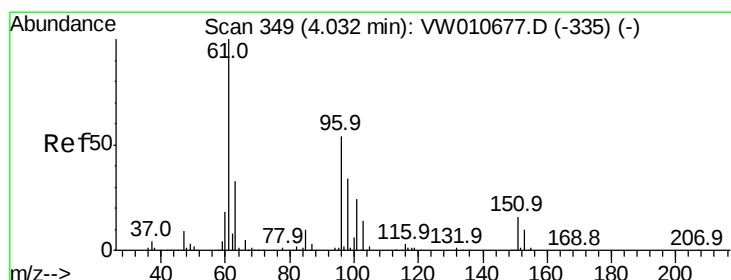
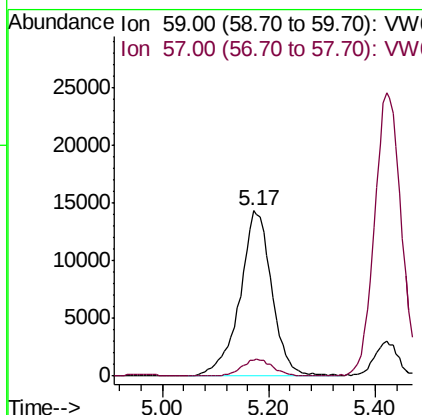
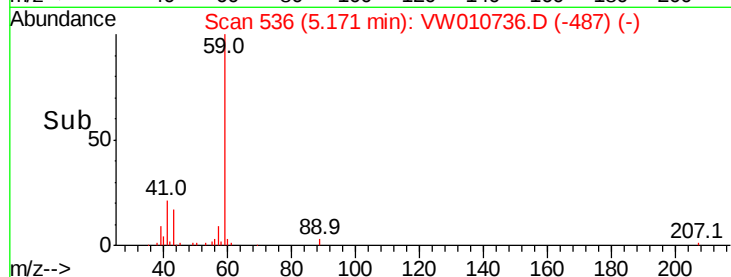
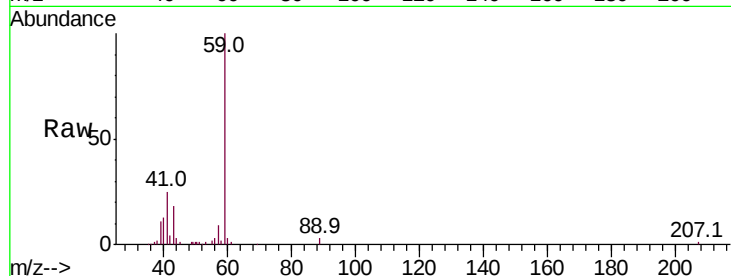
Tert butyl alcohol
Concen: 210.699 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.6	12.8

Manual Integrations
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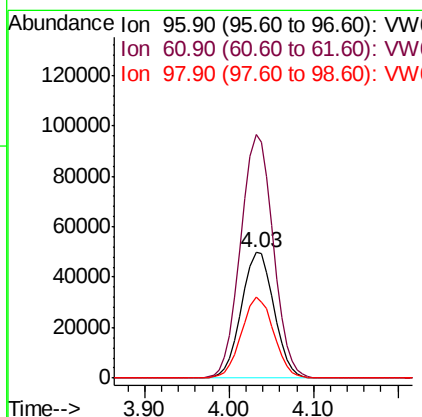
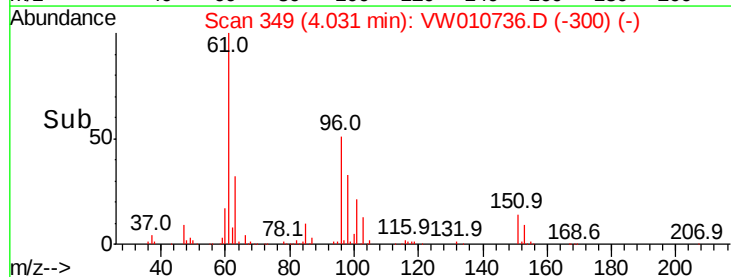
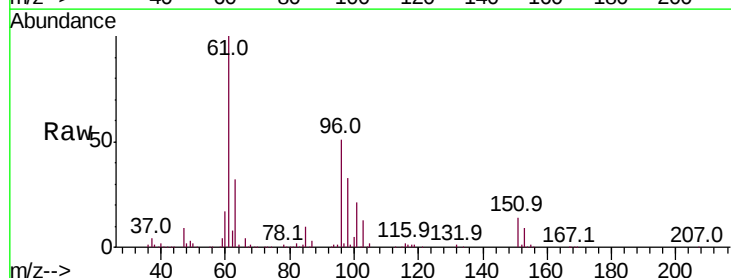
MMDadoda
6/11/2019 1:02:16 PM

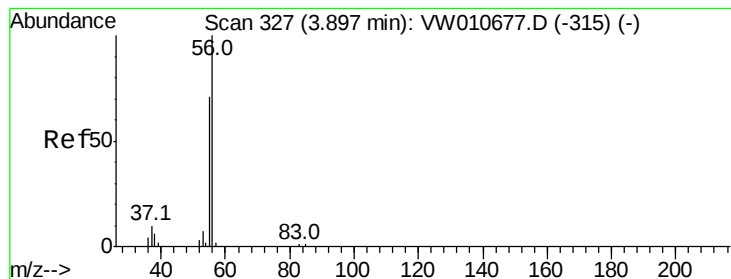


#12

1,1-Dichloroethene
Concen: 46.114 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	194.3	149.1	223.7
98	64.3	51.1	76.7





#13

Acrolein

Concen: 313.639 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 36103

Ion Ratio Lower Upper

56 100

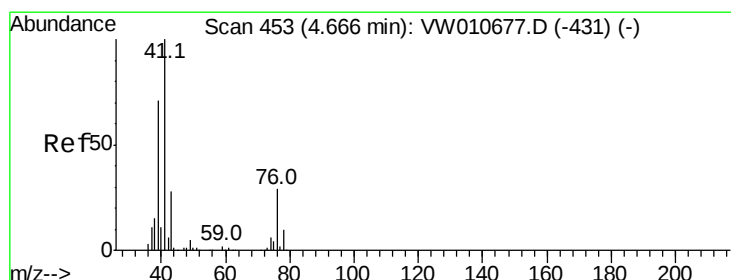
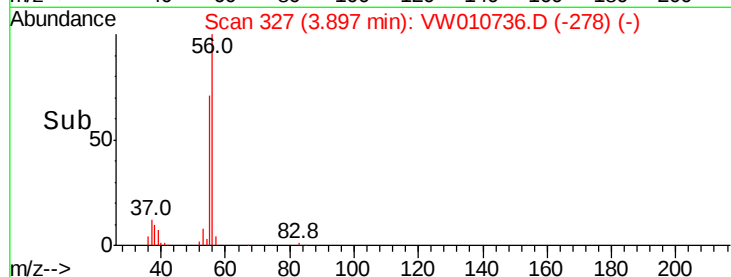
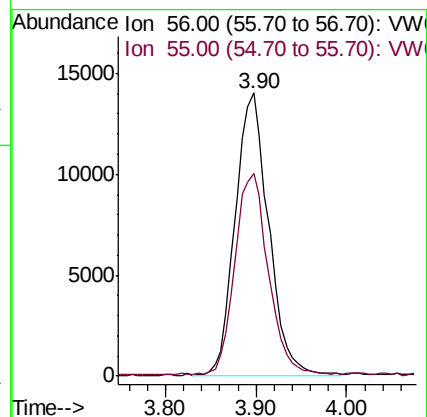
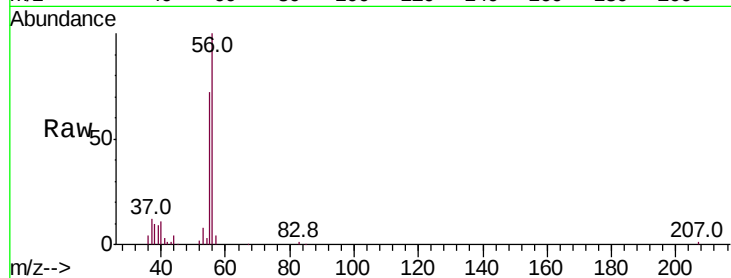
55 71.1 57.6 86.4

Manual Integrations

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#14

Allyl chloride

Concen: 48.696 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

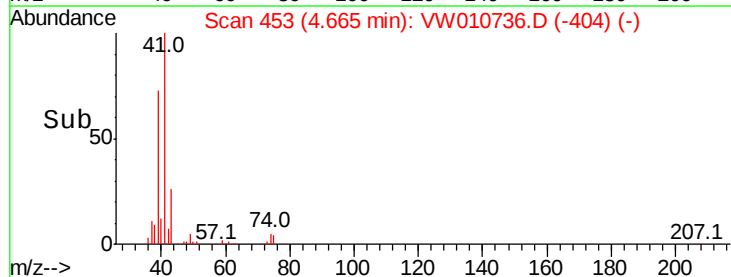
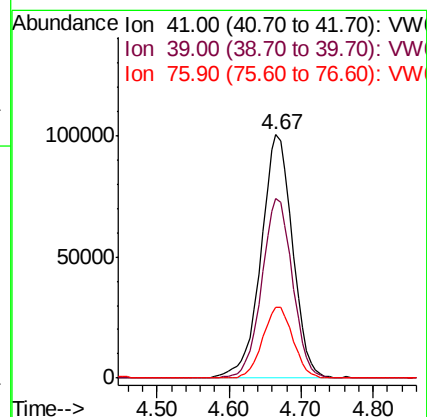
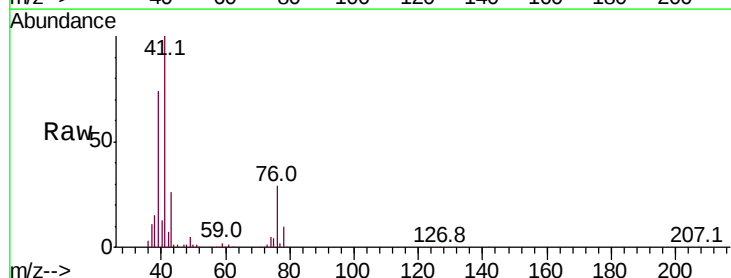
Tgt Ion: 41 Resp: 304616

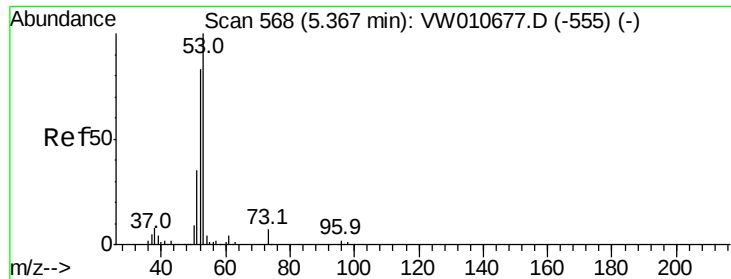
Ion Ratio Lower Upper

41 100

39 72.1 55.8 83.6

76 28.0 22.7 34.1





#15

Acrylonitrile

Concen: 206.447 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

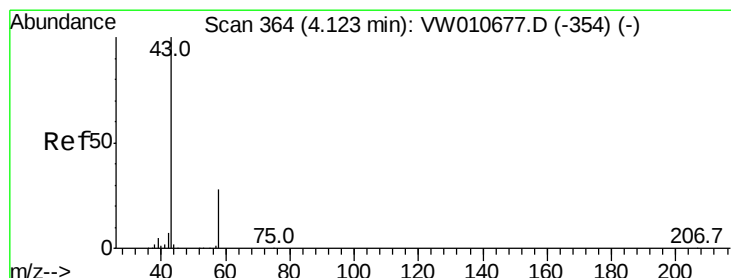
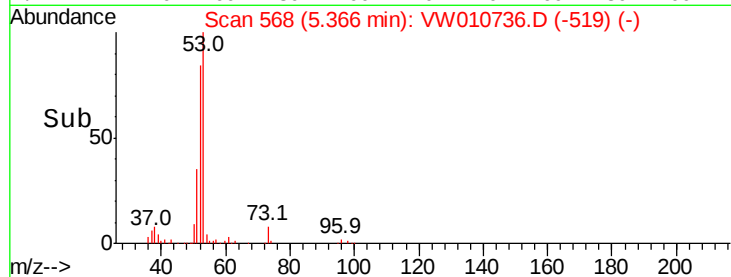
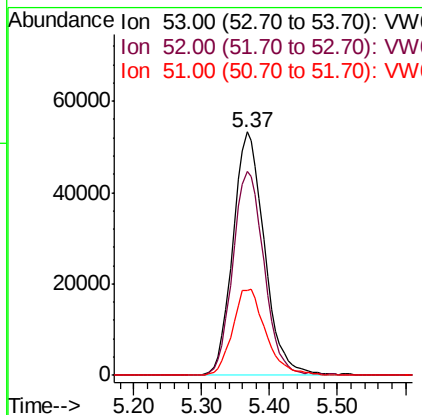
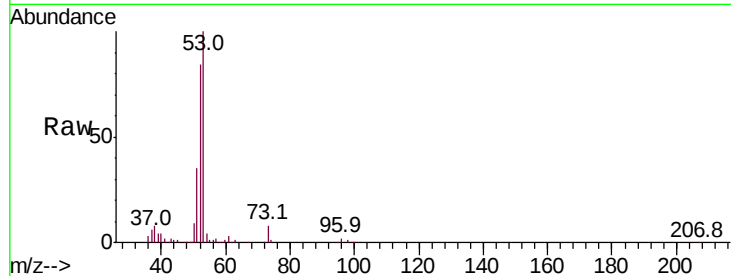
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	171453
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.6	100.0
51	37.4	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 270.833 ug/l

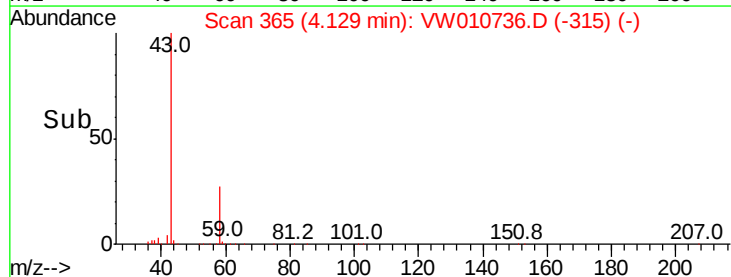
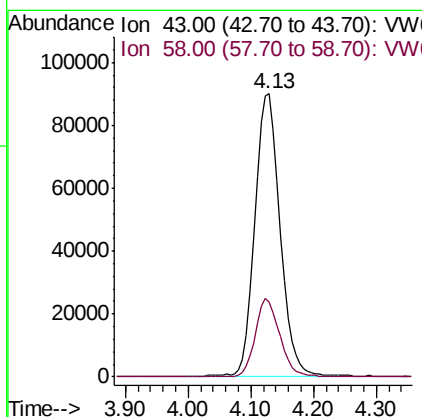
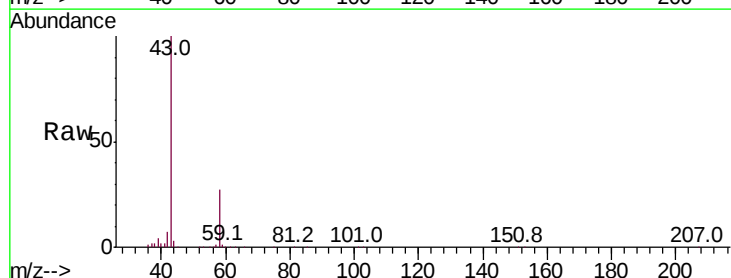
RT: 4.13 min Scan# 365

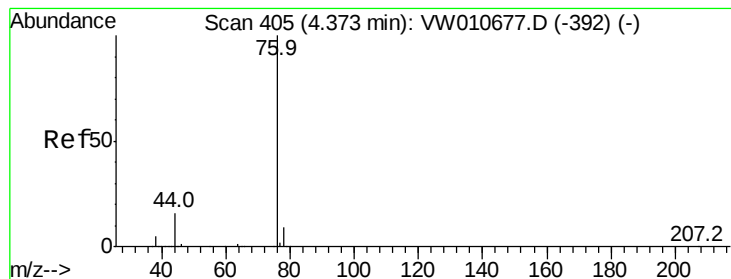
Delta R.T. 0.01 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Tgt Ion:	43	Resp:	250927
Ion Ratio	Lower	Upper	
43	100		
58	26.5	22.1	33.1





#17

Carbon Disulfide

Concen: 46.597 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 419649

Ion Ratio Lower Upper

76 100

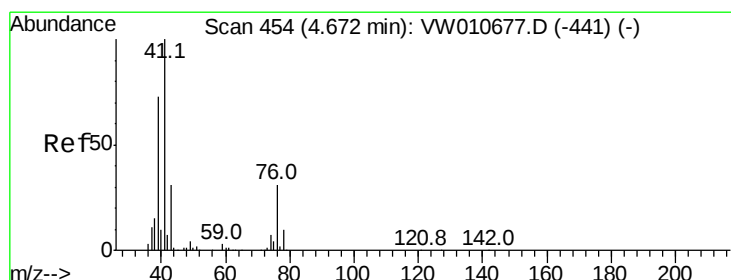
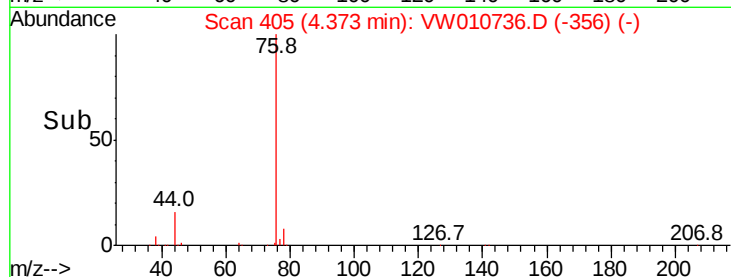
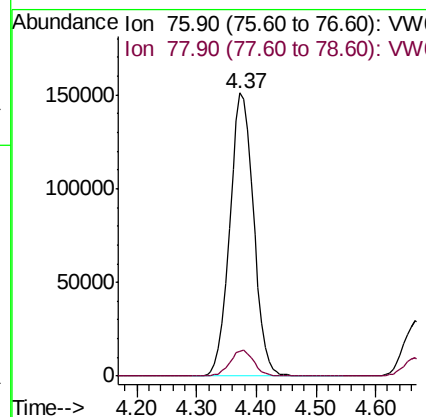
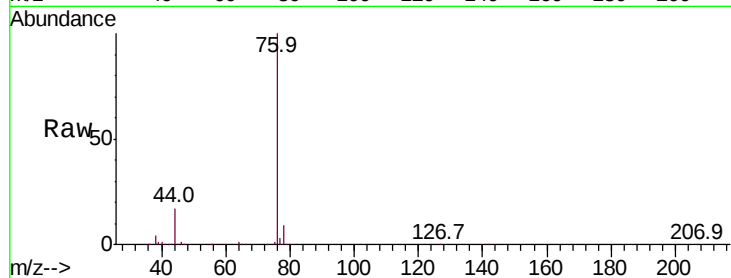
78 8.8 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 39.948 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010736.D

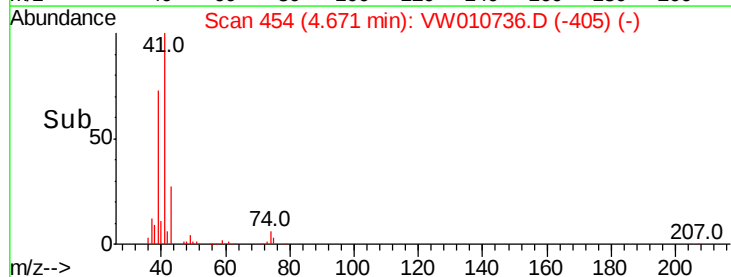
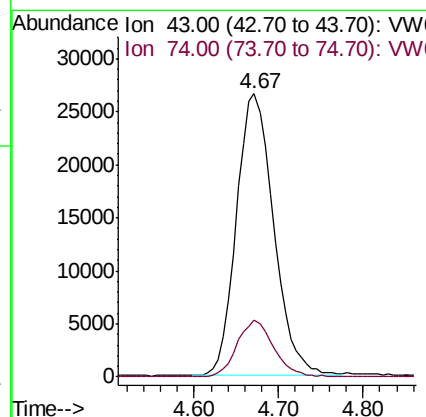
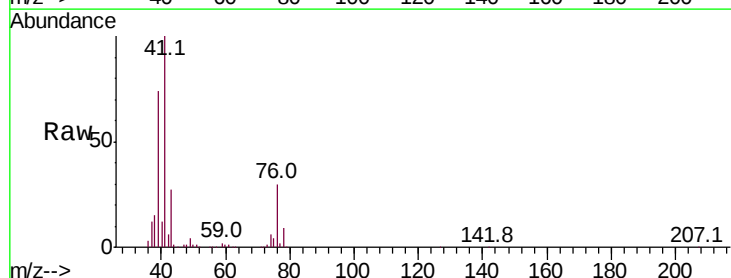
Acq: 10 Jun 2019 10:44

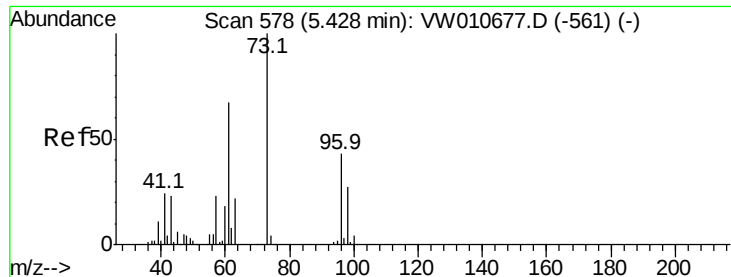
Tgt Ion: 43 Resp: 79672

Ion Ratio Lower Upper

43 100

74 20.0 16.7 25.1





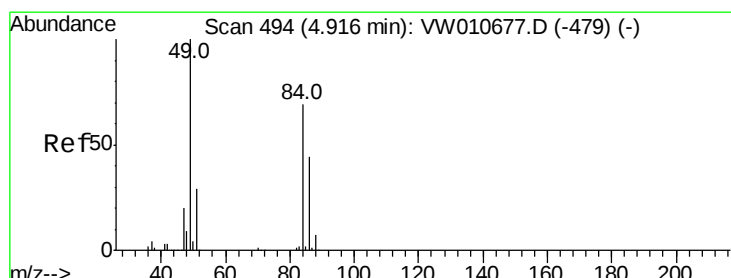
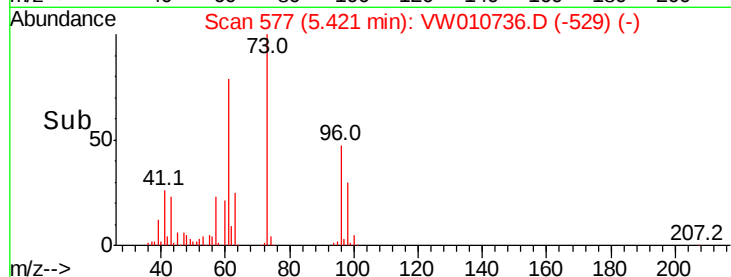
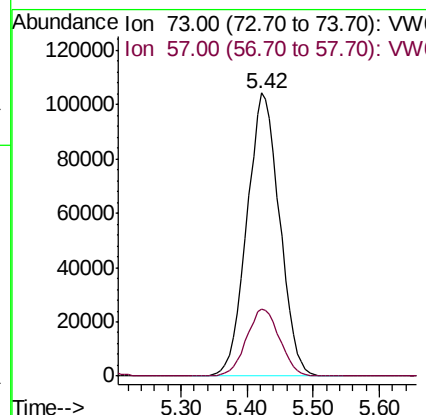
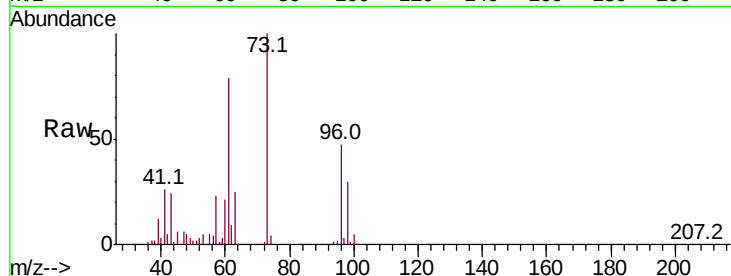
#19
Methvl tert-butvl Ether
Concen: 43.802 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 358406
Ion Ratio Lower Upper
73 100
57 23.5 18.6 27.8

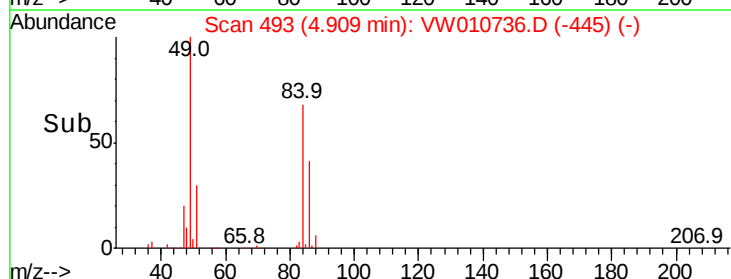
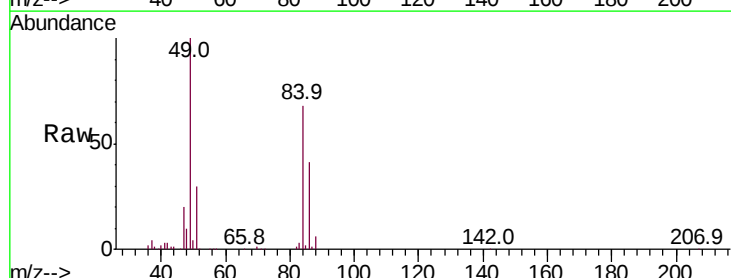
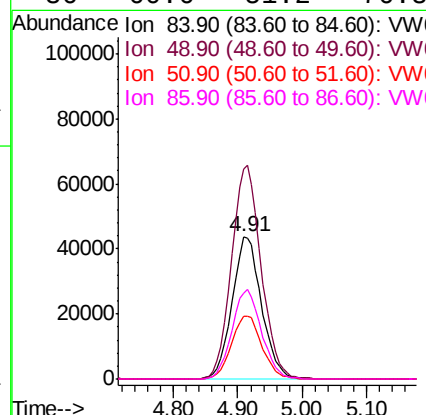
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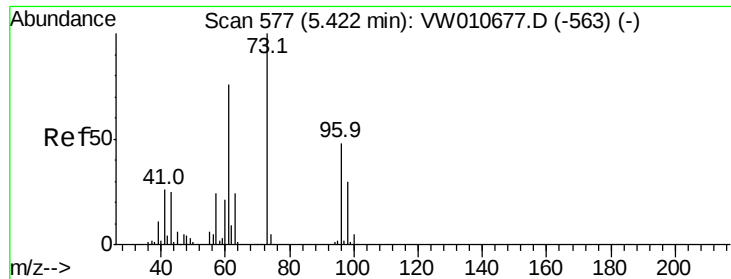
MMDadoda
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#20
Methylene Chloride
Concen: 42.889 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion: 84 Resp: 139399
Ion Ratio Lower Upper
84 100
49 147.6 116.7 175.1
51 43.8 34.2 51.2
86 60.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 46.272 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 96 Resp: 149023

Ion Ratio Lower Upper

96 100

61 167.1 126.0 189.0

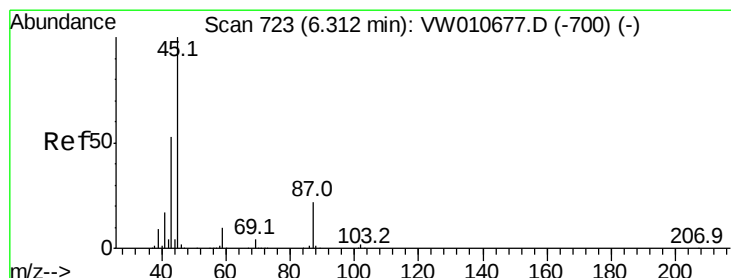
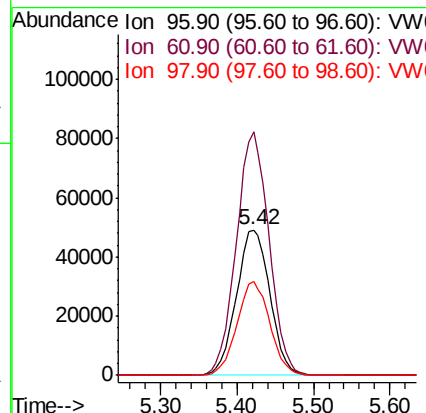
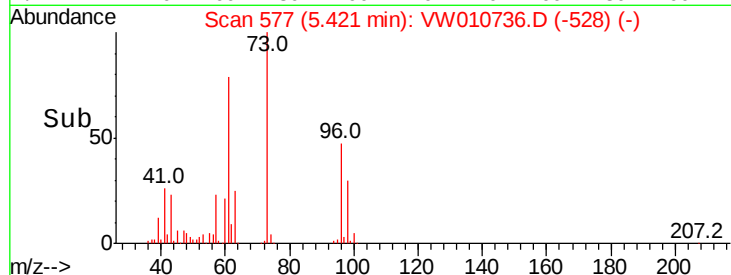
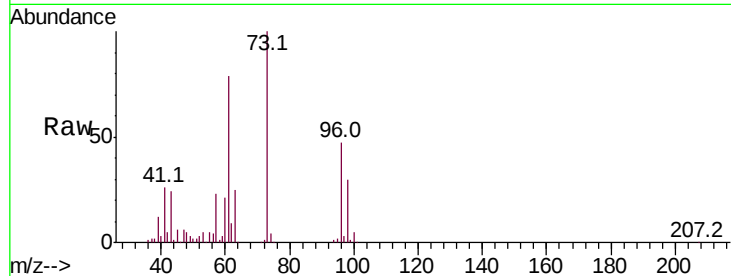
98 64.1 49.6 74.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 46.691 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Tgt Ion: 45 Resp: 584737

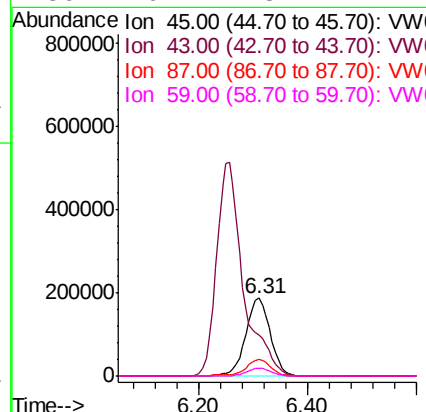
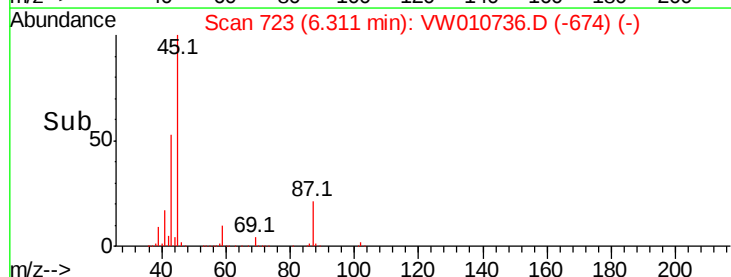
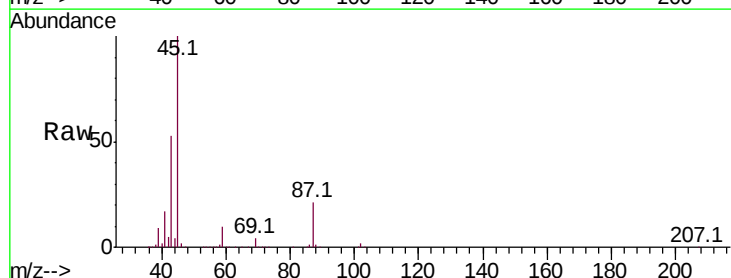
Ion Ratio Lower Upper

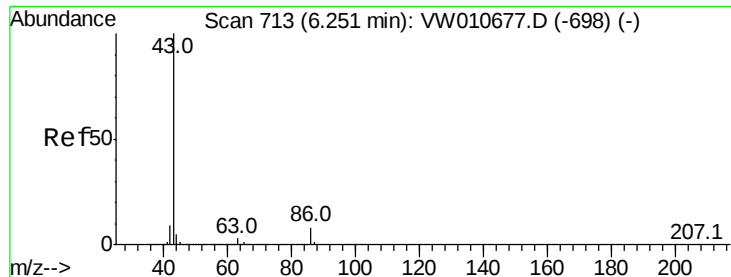
45 100

43 52.7 42.5 63.7

87 20.7 17.4 26.2

59 10.2 8.1 12.1





#23

Vinyl Acetate

Concen: 229.182 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1732126

Ion Ratio Lower Upper

43 100

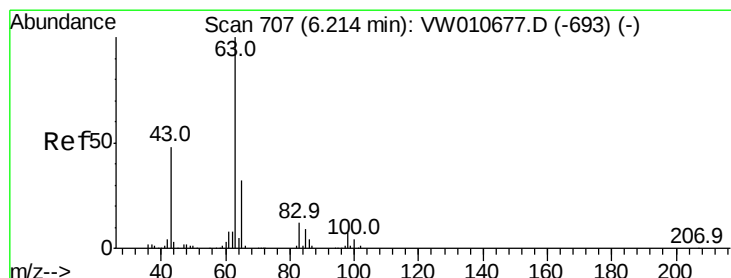
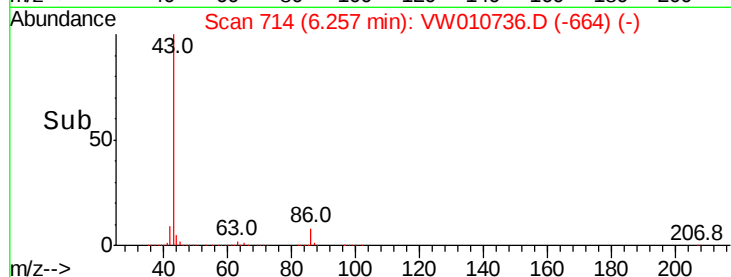
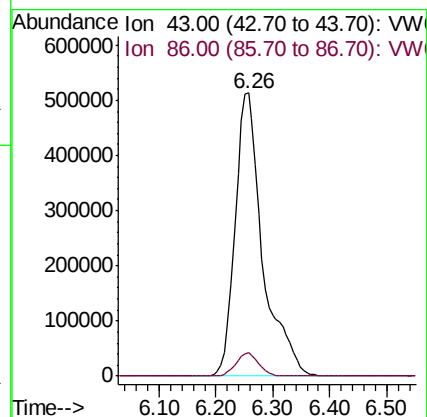
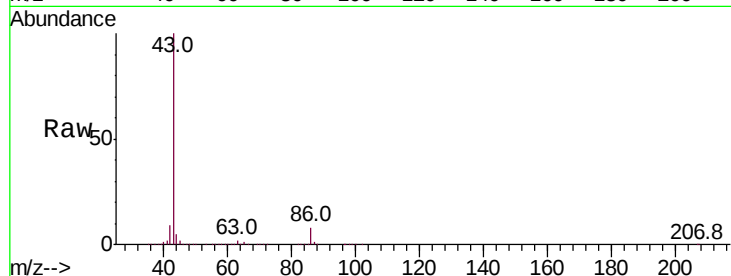
86 8.4 6.6 10.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.485 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

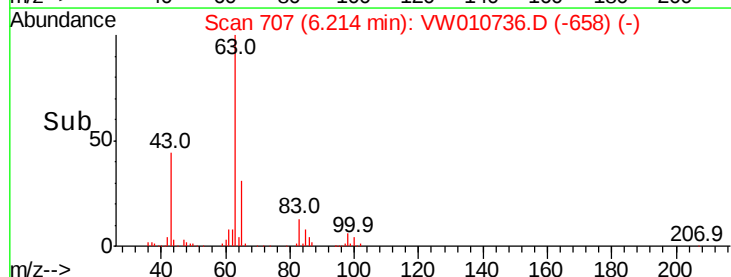
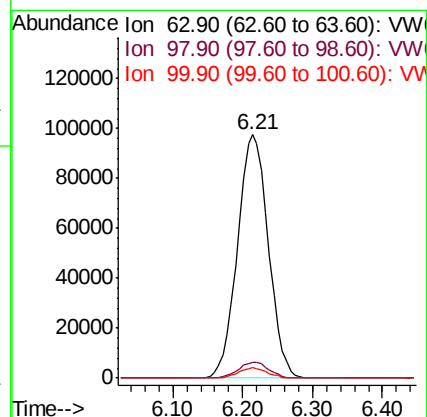
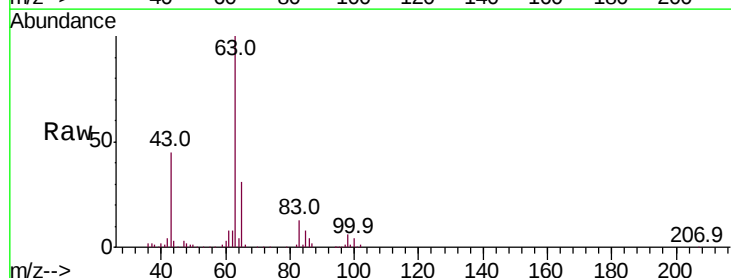
Tgt Ion: 63 Resp: 298021

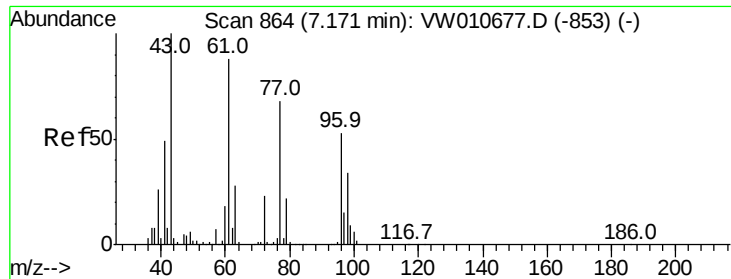
Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 240.536 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 309021

Ion Ratio Lower Upper

43 100

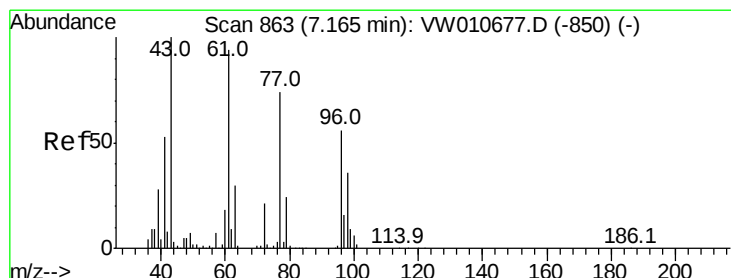
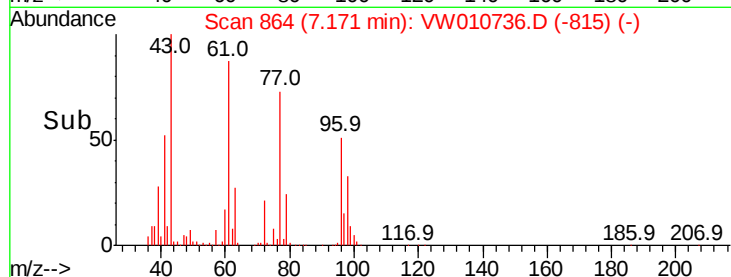
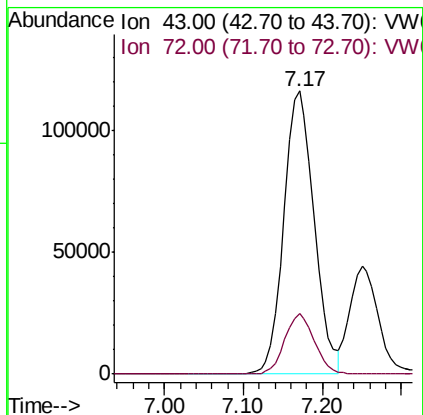
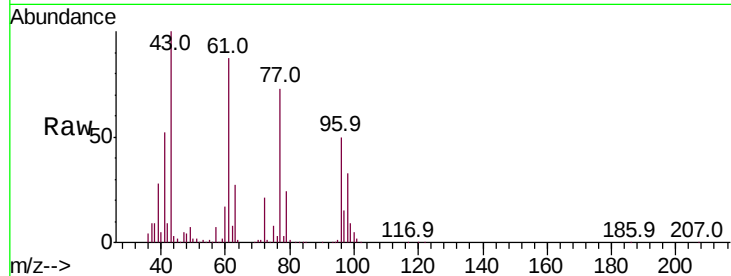
72 21.3 18.1 27.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.609 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010736.D

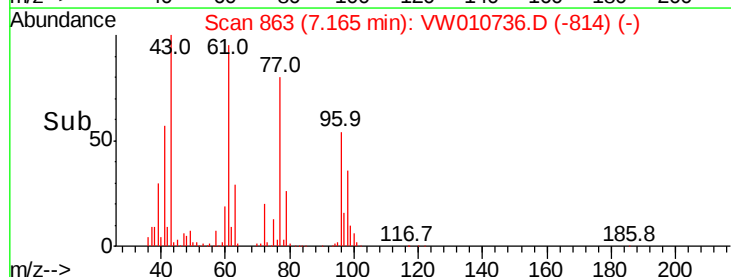
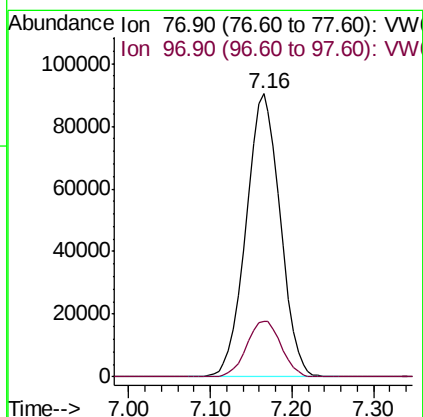
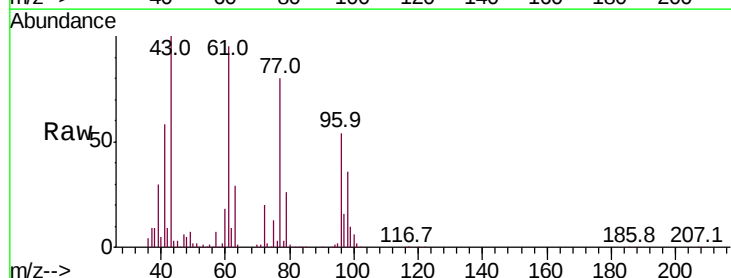
Acq: 10 Jun 2019 10:44

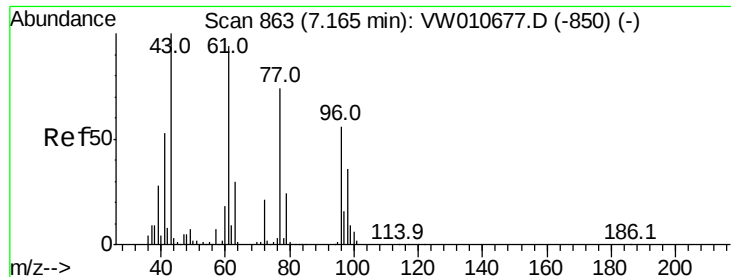
Tgt Ion: 77 Resp: 263566

Ion Ratio Lower Upper

77 100

97 20.0 10.5 31.6





#27

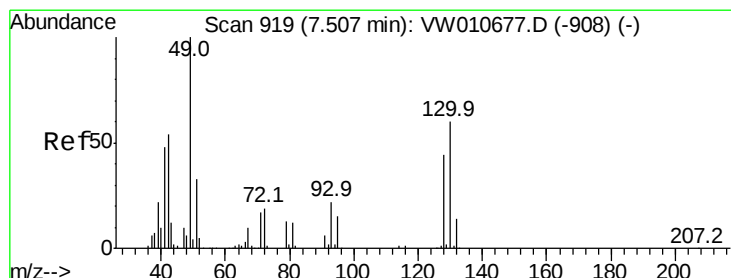
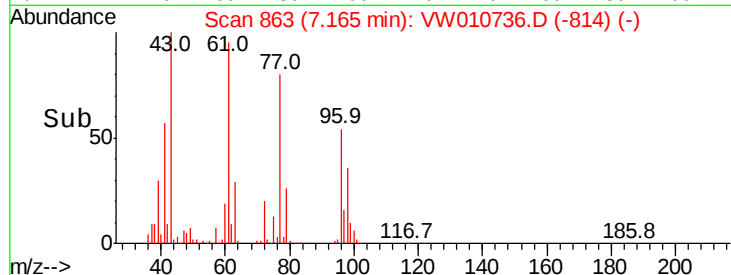
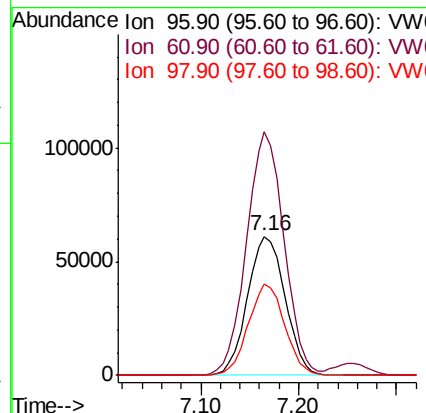
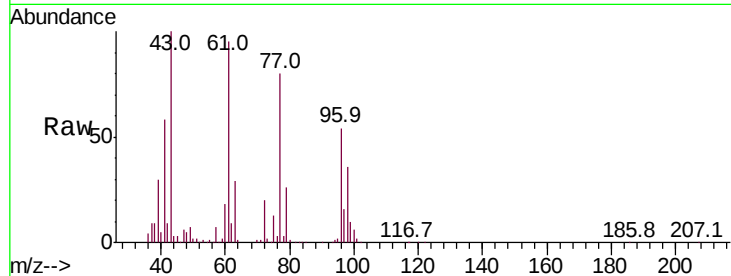
cis-1,2-Dichloroethene
Concen: 46.015 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	163090		
61	174.4	0.0	336.4	
98	63.7	0.0	128.0	

Manual Integrations
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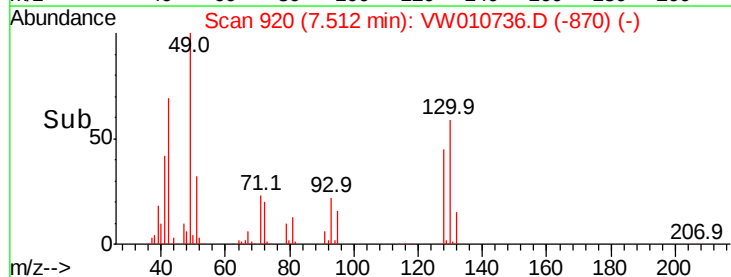
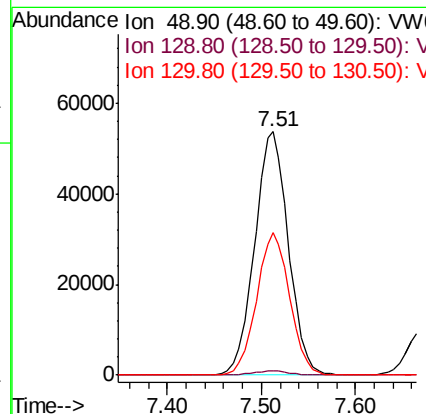
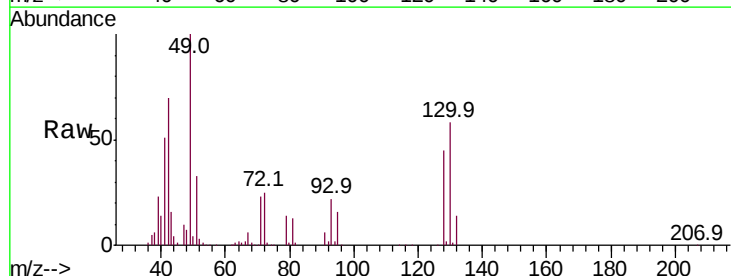
MMDadoda
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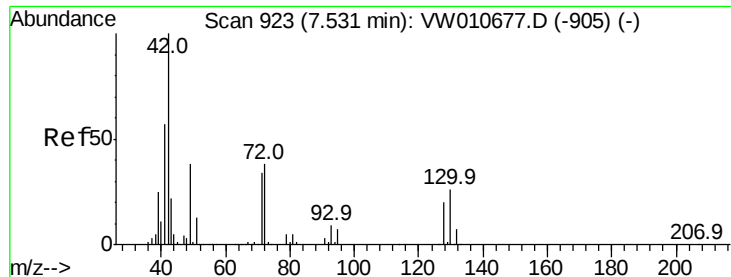


#28

Bromochloromethane
Concen: 48.055 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	134595		
129	1.7	0.0	3.2	
130	57.3	48.3	72.5	





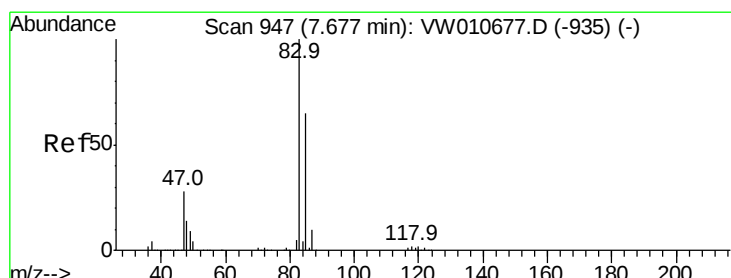
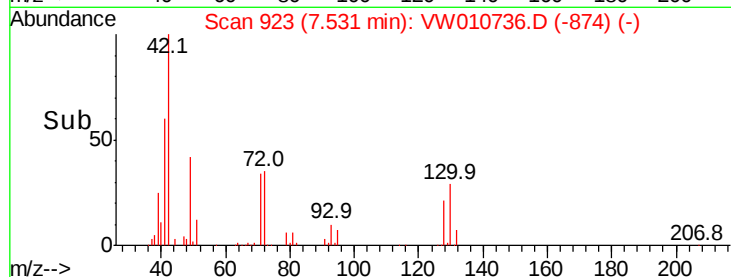
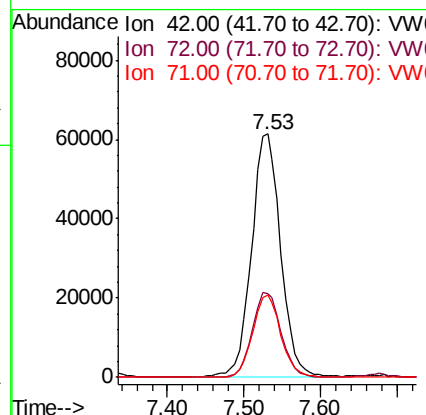
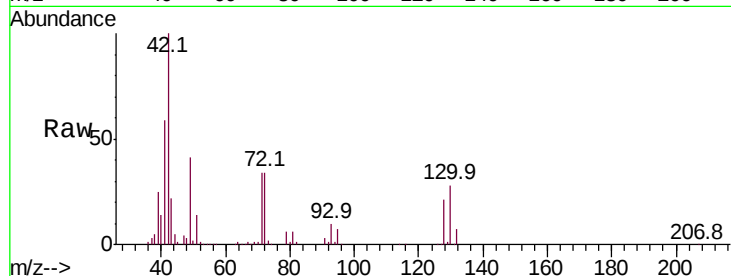
#29
Tetrahydrofuran
Concen: 201.027 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.6	28.7	43.1
71	32.9	26.6	39.8

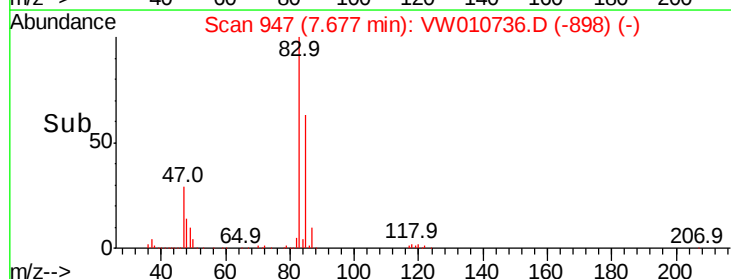
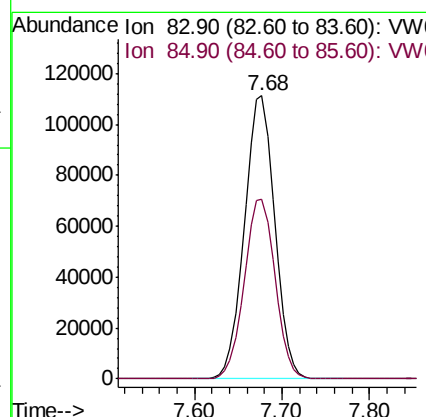
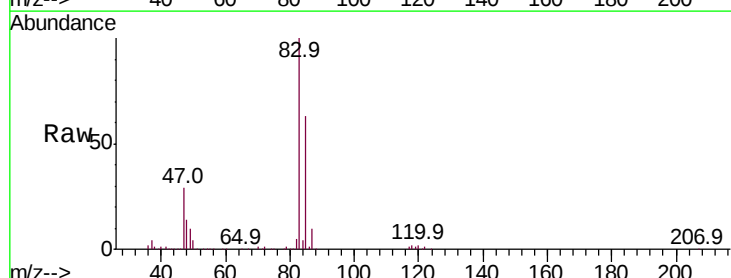
Manual Integrations
APPROVED

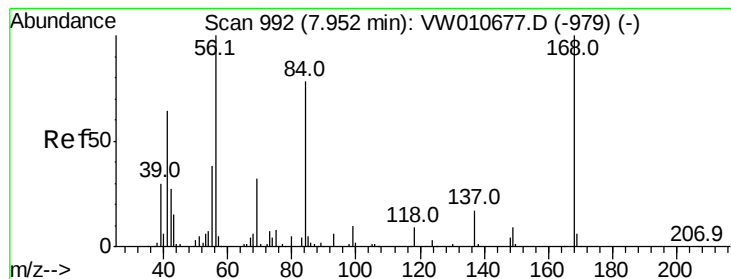
MMDadoda
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#30
Chloroform
Concen: 46.793 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.8





#31

Cyclohexane

Concen: 44.709 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

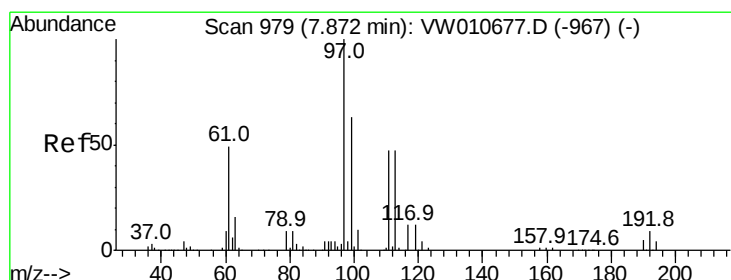
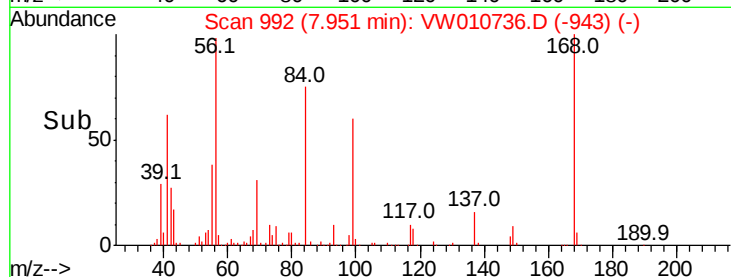
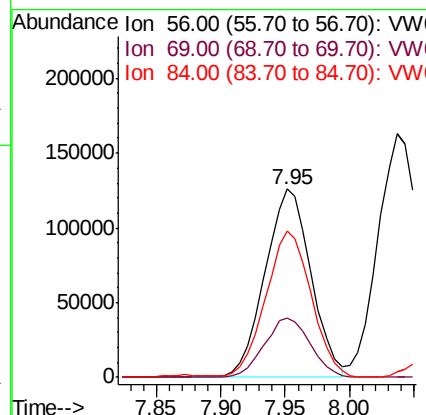
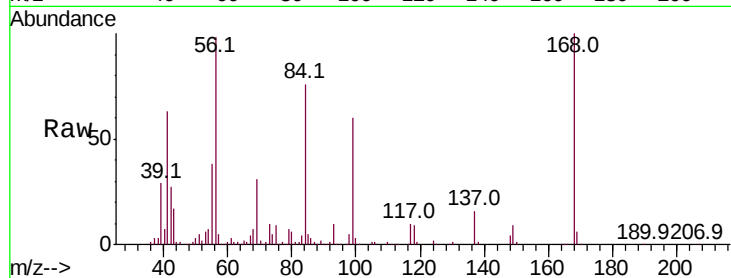
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	311919
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.2	37.8
84	76.9	62.2	93.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.658 ug/l

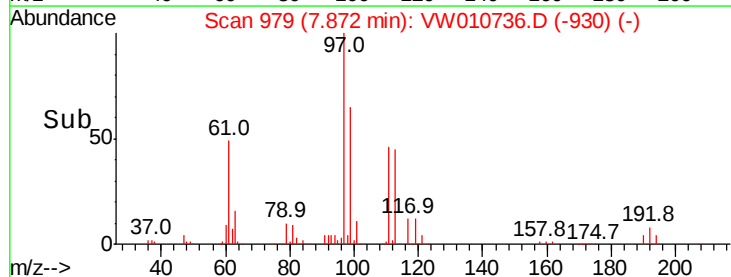
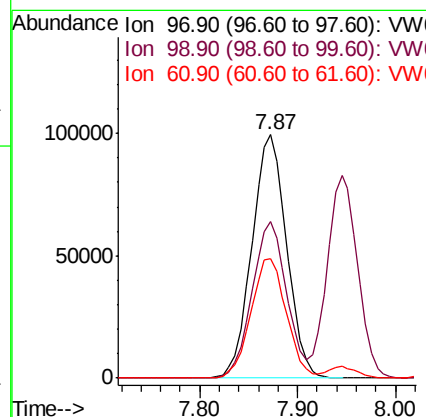
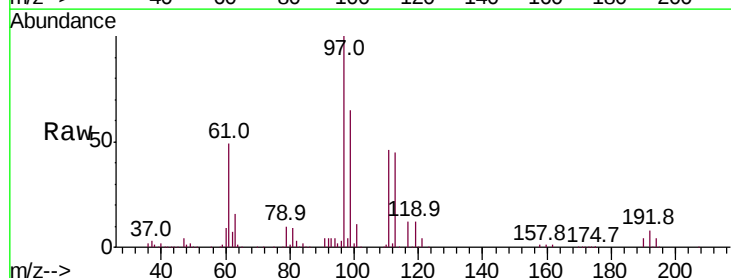
RT: 7.87 min Scan# 979

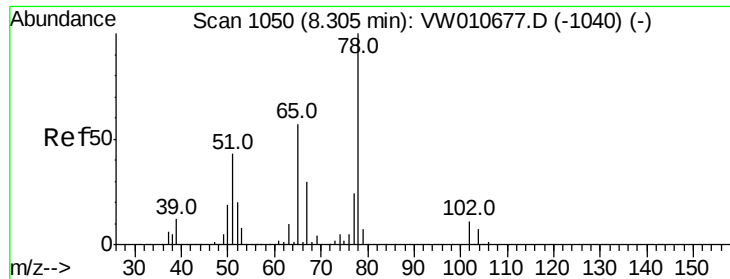
Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Tgt Ion:	97	Resp:	243995
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	50.3	40.4	60.6





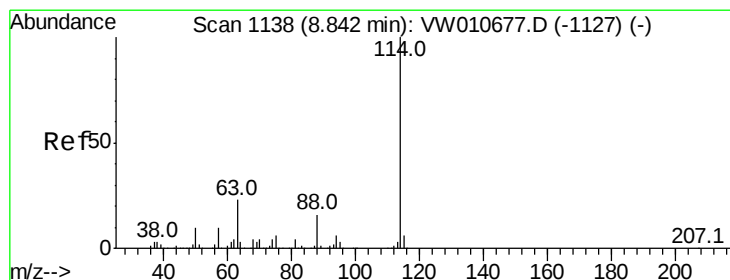
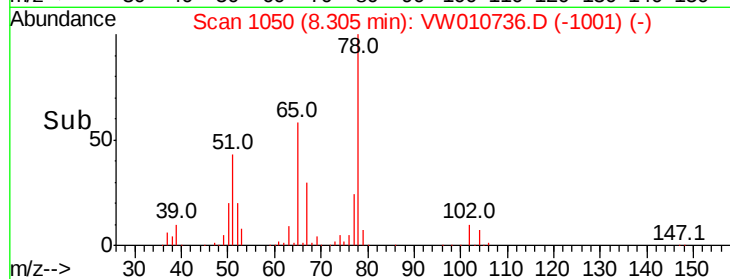
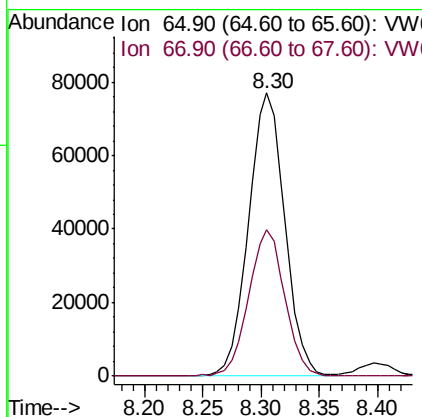
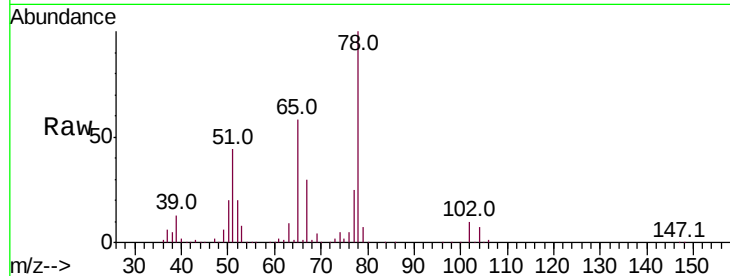
#33
 1,2-Dichloroethane-d4
 Concen: 48.250 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	166837		
67	51.7	0.0	102.6	

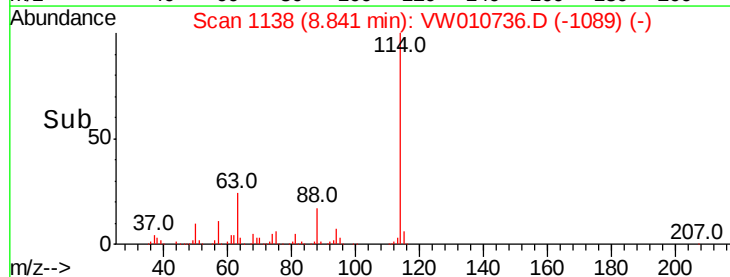
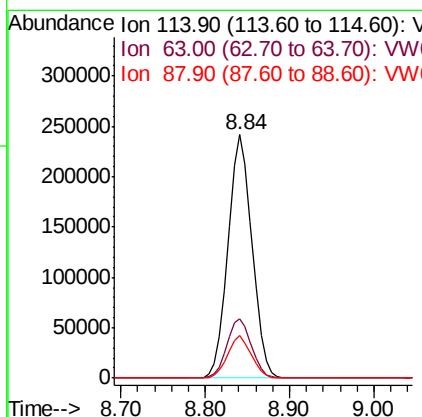
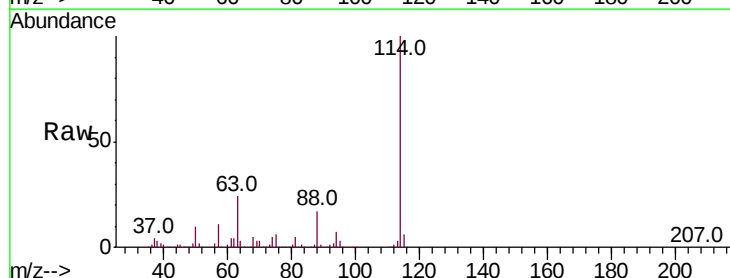
Manual Integrations
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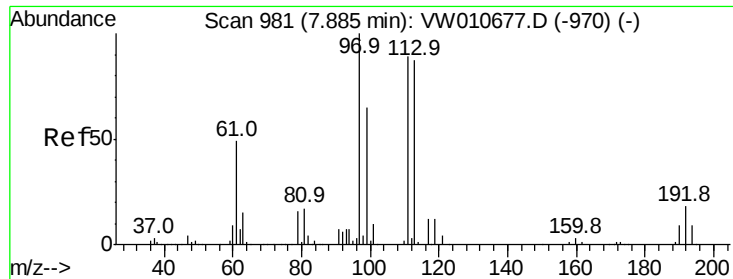
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 6/11/2019 1:02:16 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	467972		
63	24.4	0.0	46.4	
88	17.3	0.0	32.2	





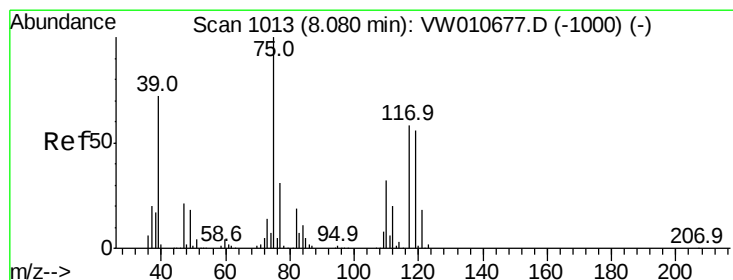
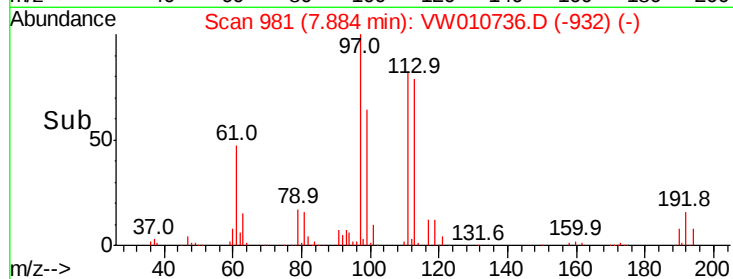
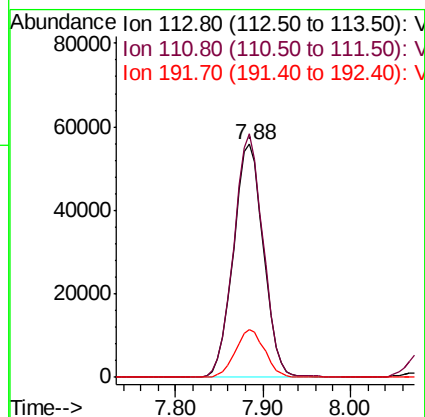
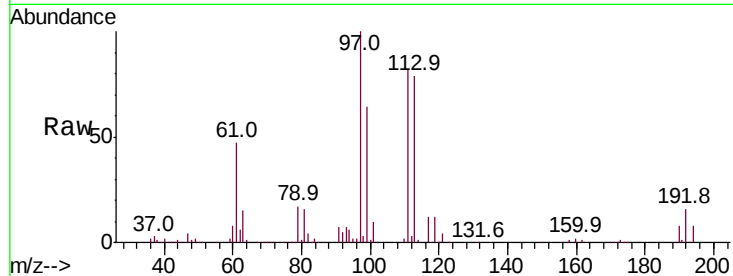
#35
 Dibromofluoromethane
 Concen: 52.628 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	133677		
111	102.5	82.6	123.8	
192	20.0	16.4	24.6	

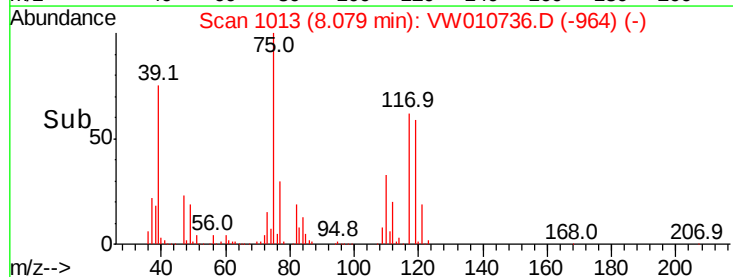
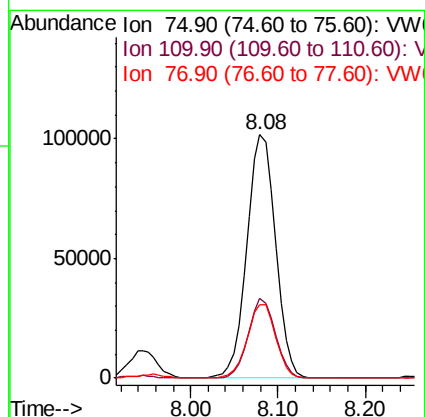
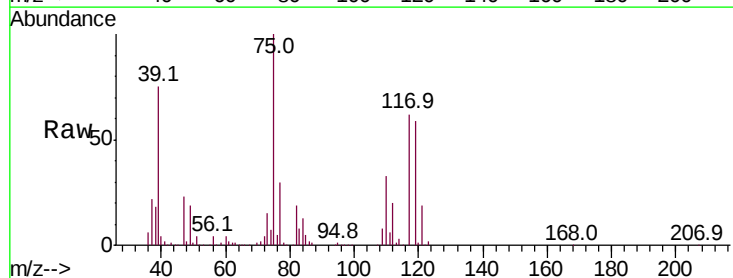
Manual Integrations
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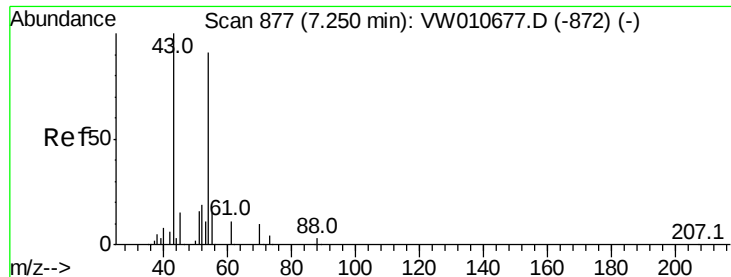
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#36
 1,1-Dichloropropene
 Concen: 48.392 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	231810		
110	31.0	15.8	47.3	
77	30.5	24.7	37.1	





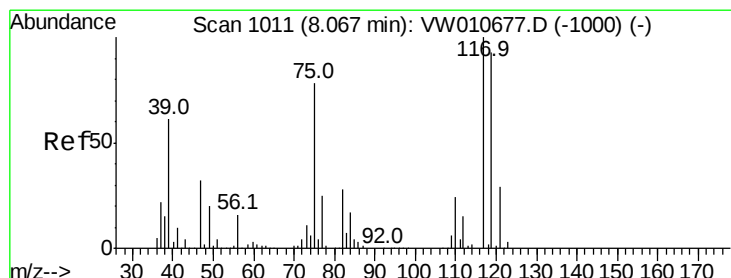
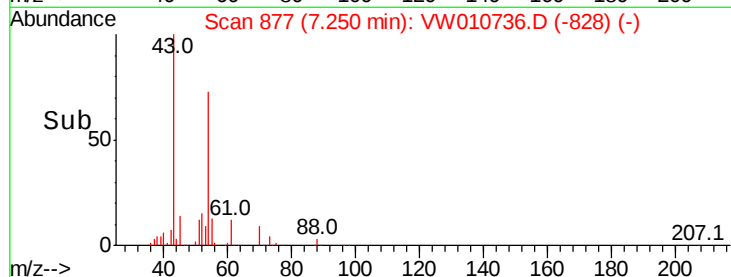
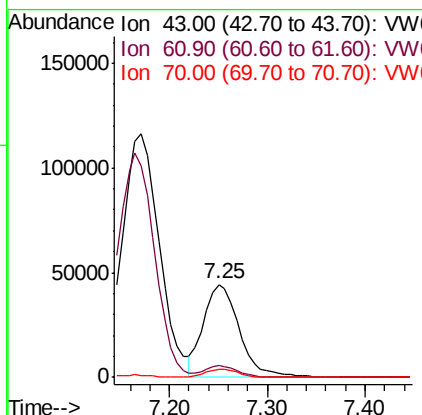
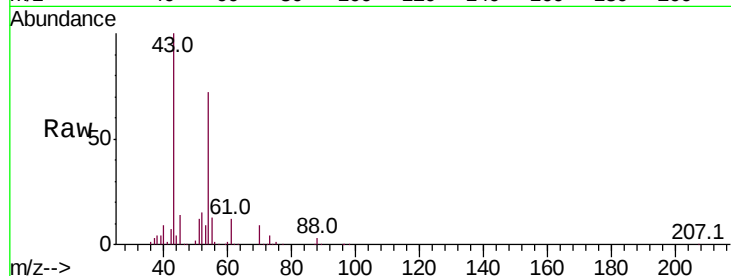
#37
Ethyl Acetate
Concen: 42.063 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.5	9.7	14.5
70	9.0	7.2	10.8

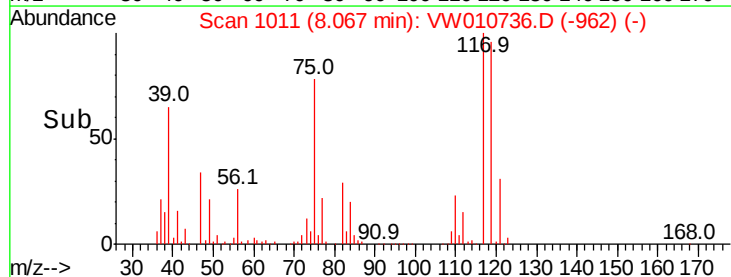
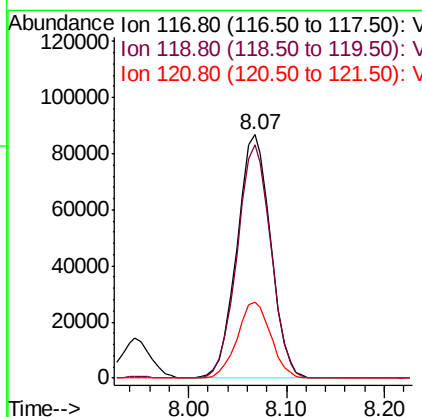
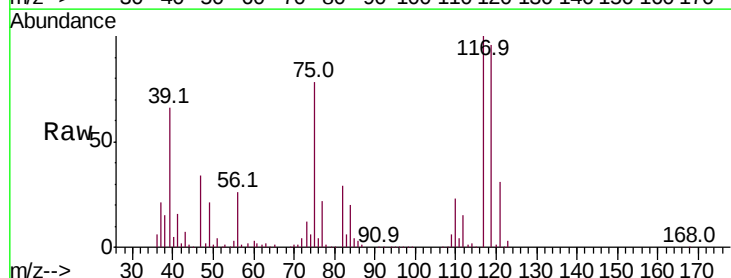
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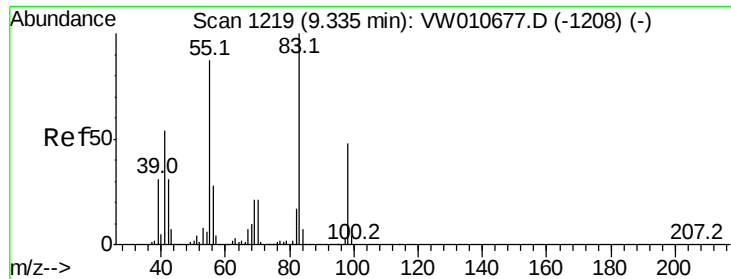
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.164 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	74.2	111.4
121	31.3	22.9	34.3





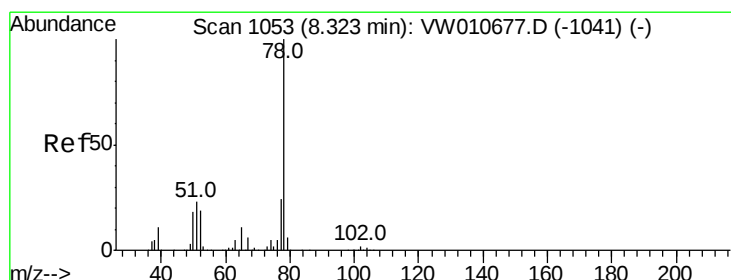
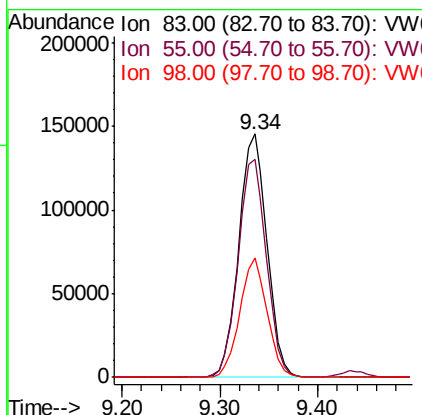
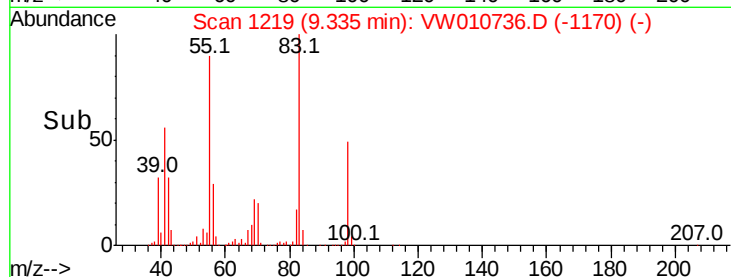
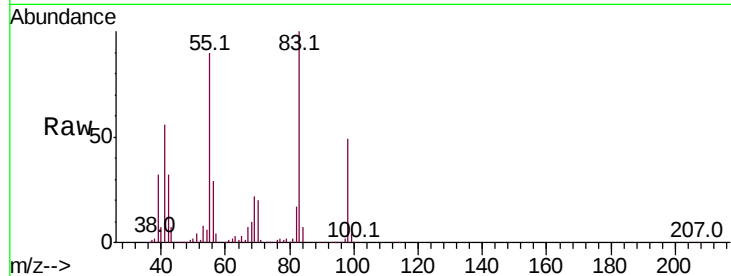
#39
Methylvlcvclohexane
Concen: 47.700 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.7	70.0	105.0
98	48.9	38.1	57.1

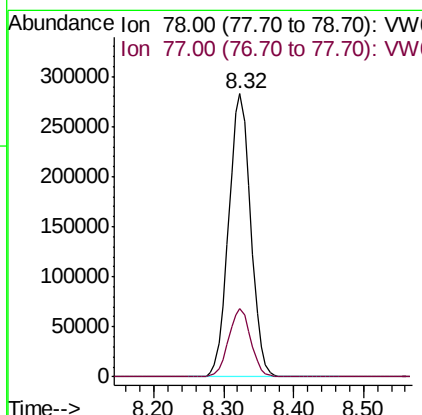
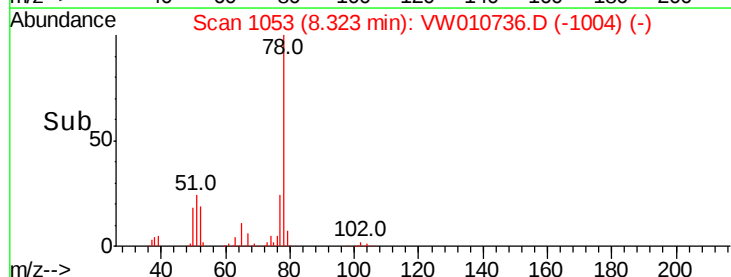
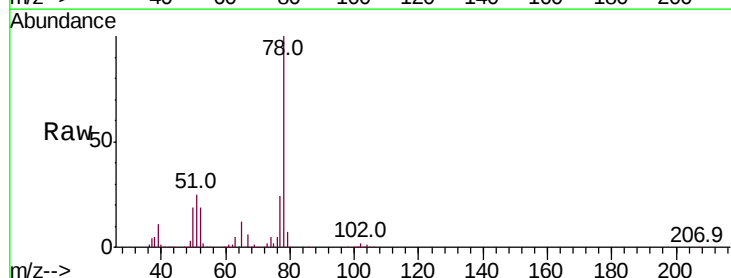
Manual Integrations
APPROVED

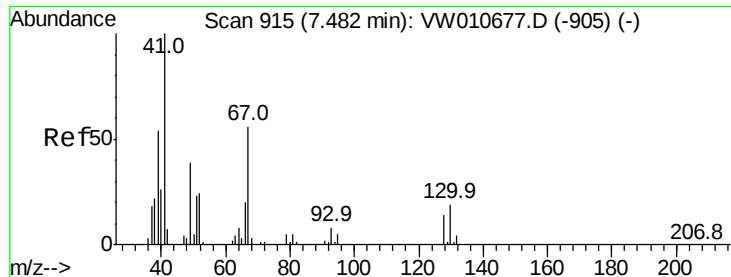
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#40
Benzene
Concen: 47.213 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





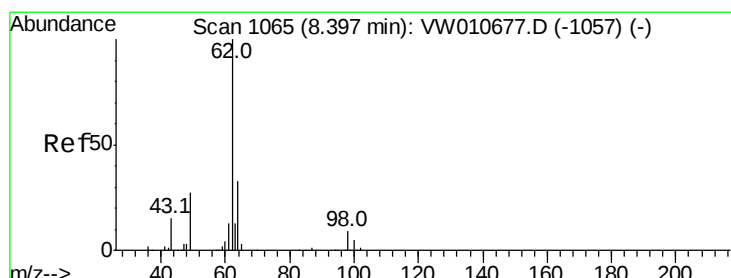
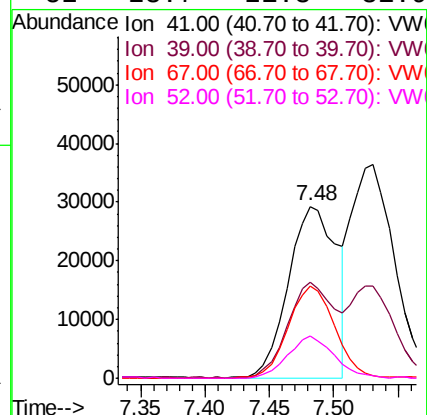
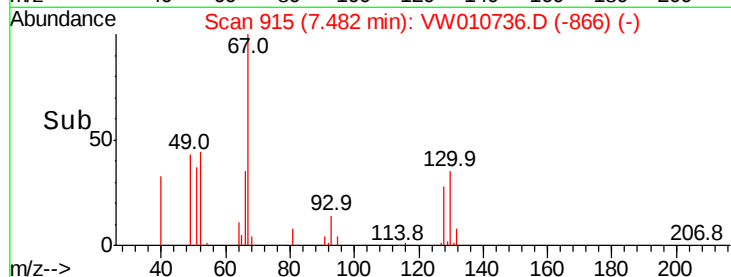
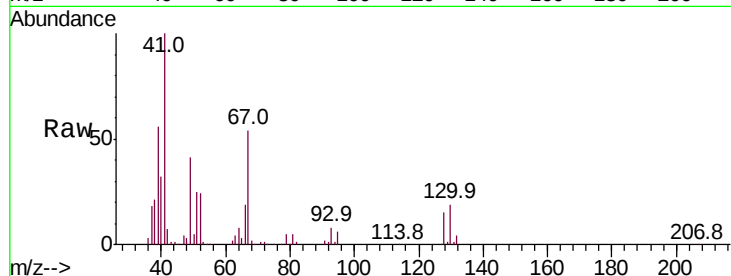
#41
Methacrylonitrile
Concen: 48.410 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.4	47.3	70.9
67	52.1	47.2	70.8
52	23.7	21.3	31.9

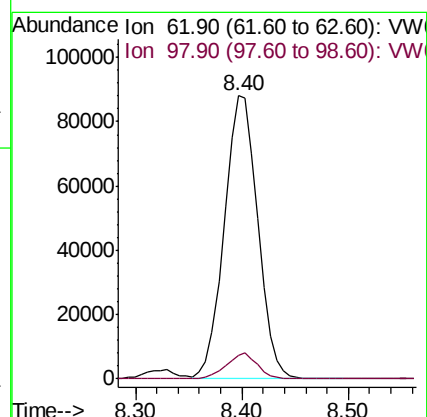
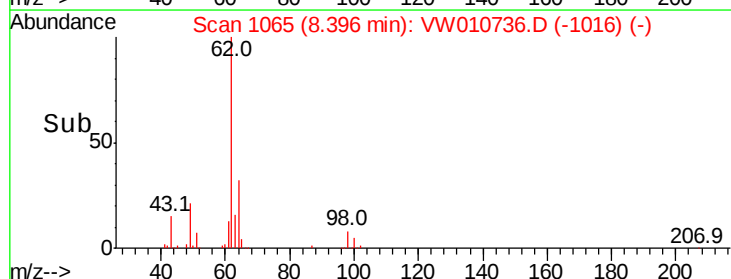
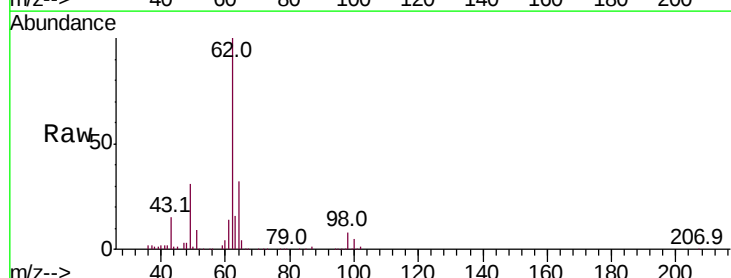
Manual Integrations
APPROVED

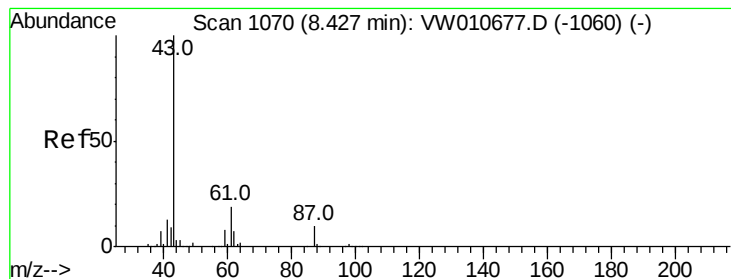
MMDadoda
6/11/2019 1:02:16 PM



#42
1,2-Dichloroethane
Concen: 46.642 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 44.026 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

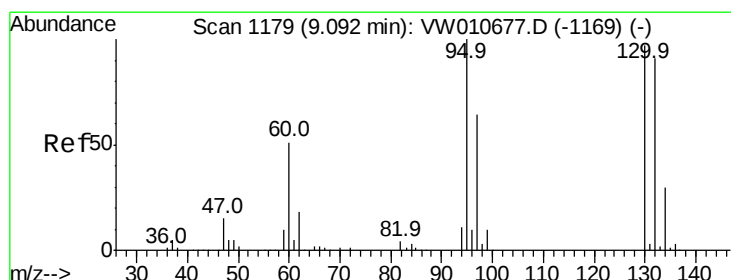
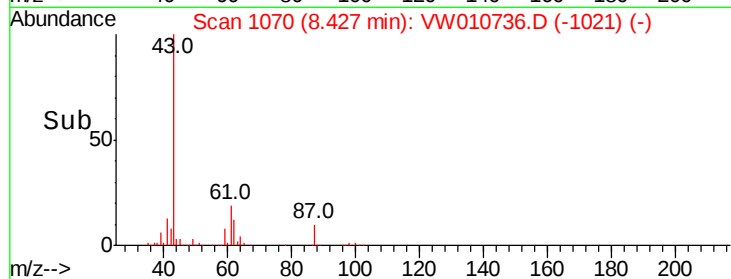
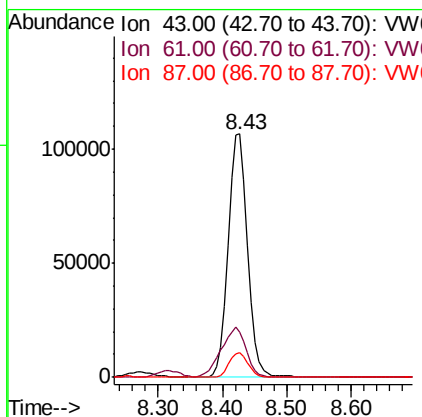
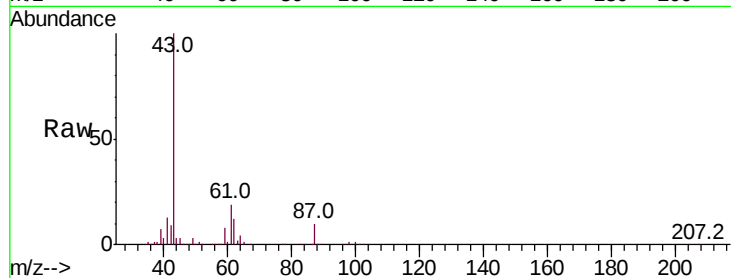
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	225777
Ion	Ratio	Lower	Upper
43	100		
61	26.6	21.2	31.8
87	10.1	8.3	12.5

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#44

Trichloroethene

Concen: 47.119 ug/l

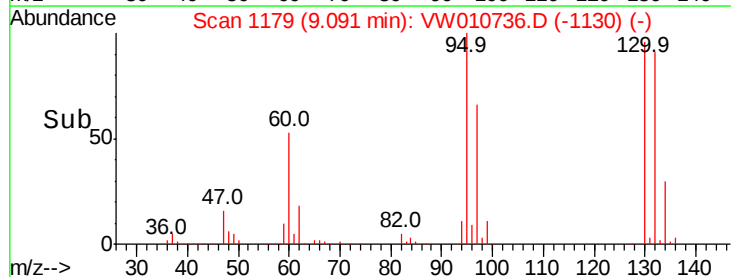
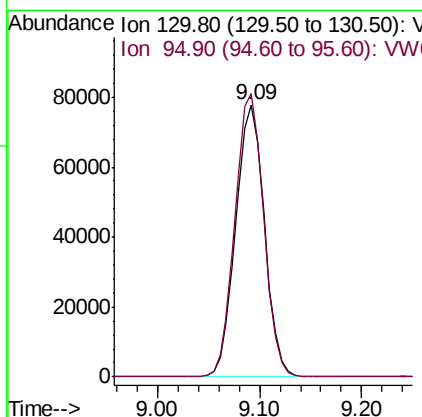
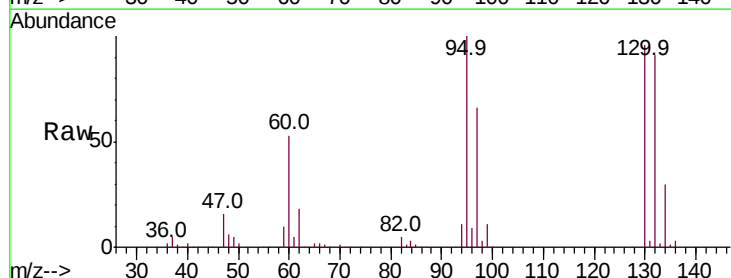
RT: 9.09 min Scan# 1179

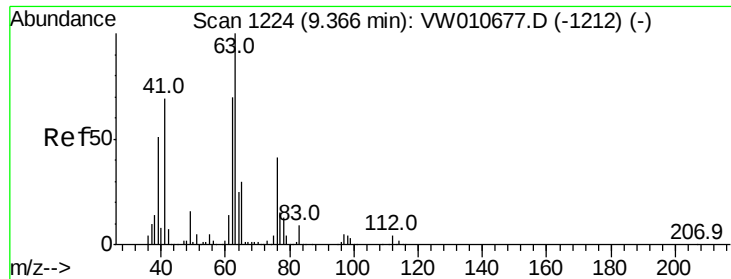
Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Tgt Ion:	130	Resp:	151890
Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	207.0





#45

1,2-Dichloropropane

Concen: 47.320 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 163692

Ion Ratio Lower Upper

63 100

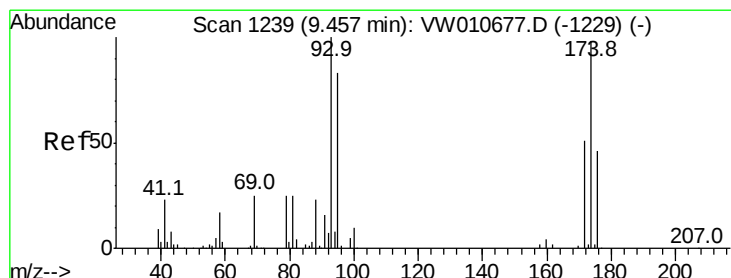
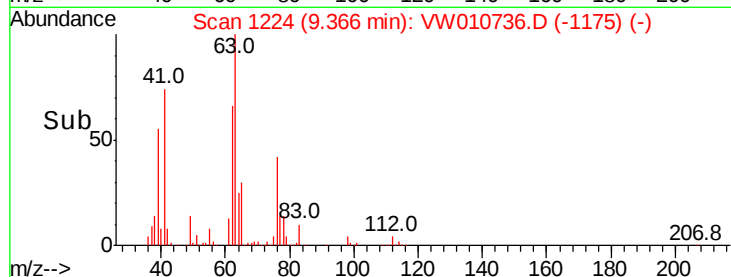
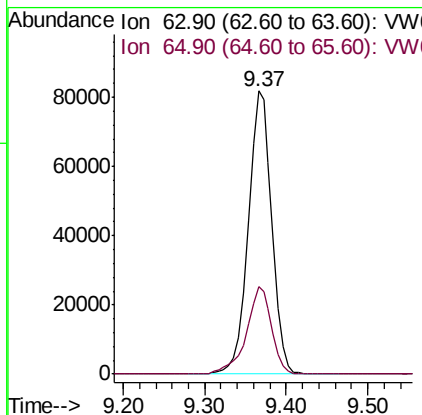
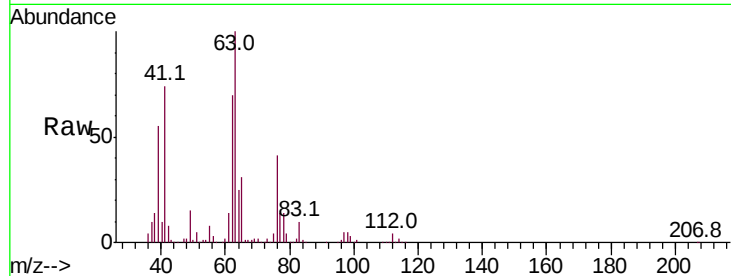
65 30.8 23.8 35.6

Manual Integrations

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#46

Dibromomethane

Concen: 45.127 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

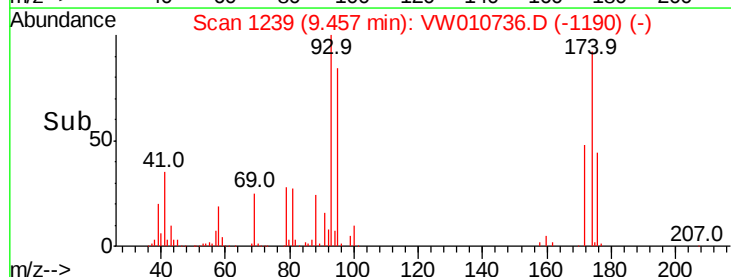
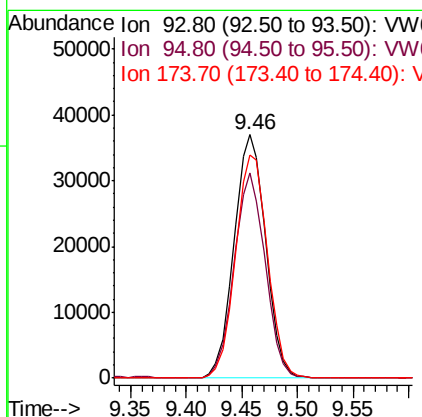
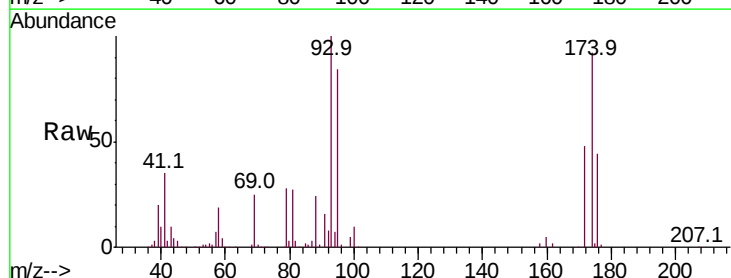
Tgt Ion: 93 Resp: 72508

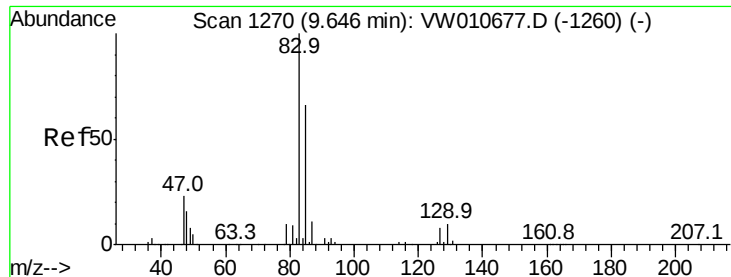
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 93.2 77.4 116.0





#47

Bromodichloromethane

Concen: 48.773 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

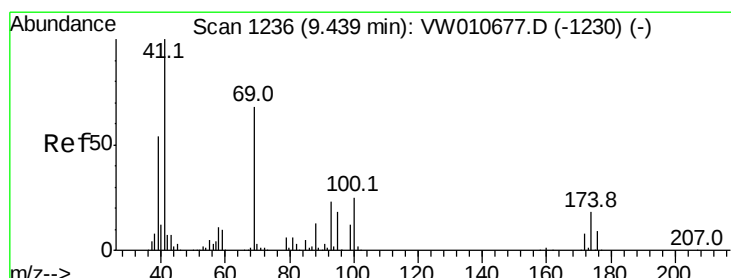
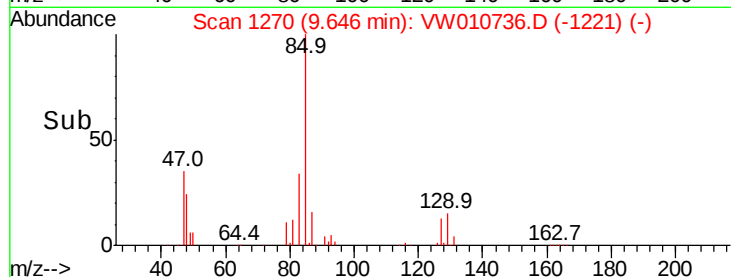
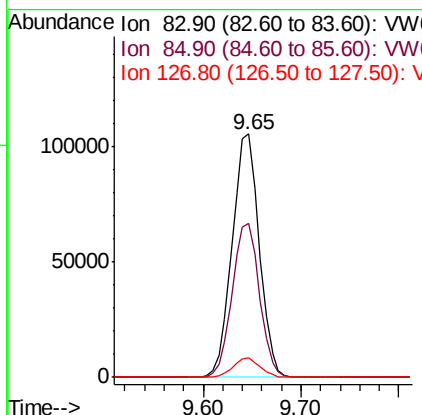
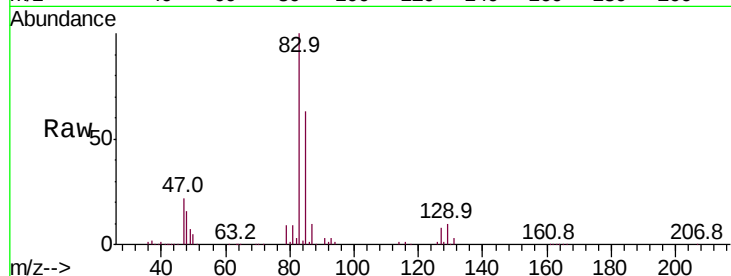
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	203138
Ion Ratio	Lower	Upper	
83	100		
85	63.3	53.0	79.4
127	7.9	6.4	9.6

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#48

Methyl methacrylate

Concen: 43.870 ug/l

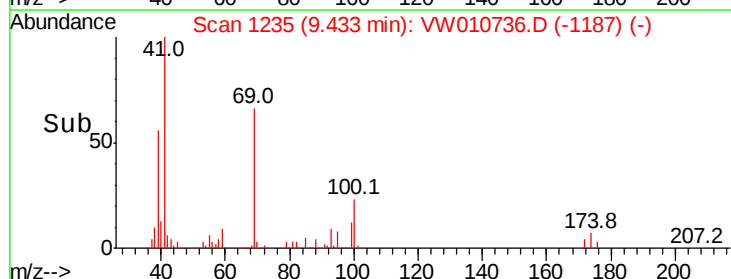
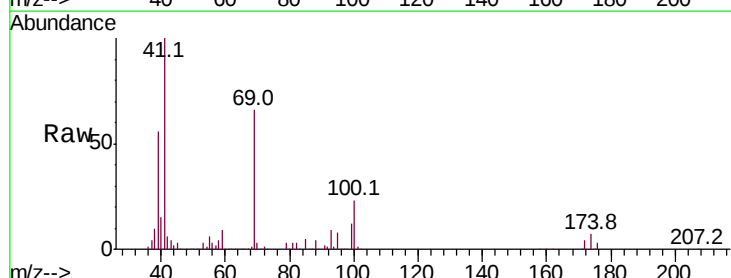
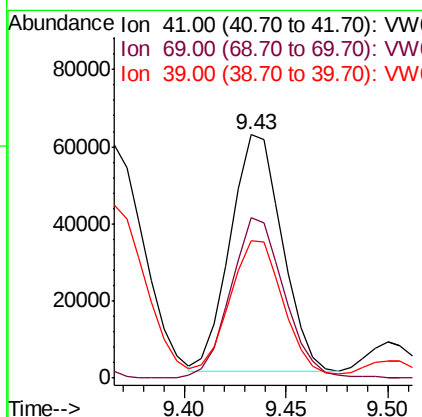
RT: 9.43 min Scan# 1235

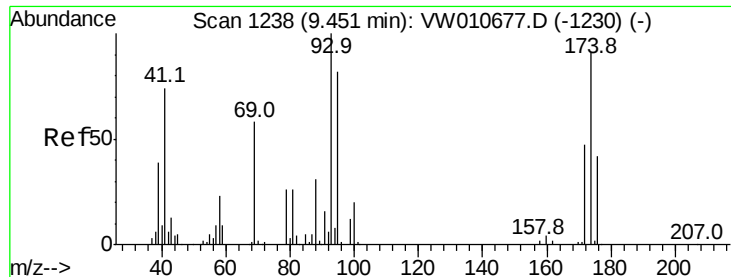
Delta R.T. -0.01 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Tgt Ion:	41	Resp:	108471
Ion Ratio	Lower	Upper	
41	100		
69	69.6	56.6	85.0
39	56.8	44.4	66.6





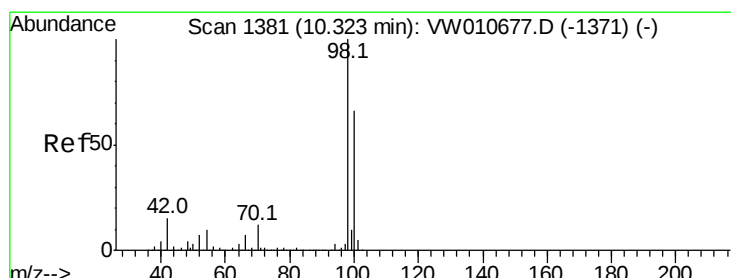
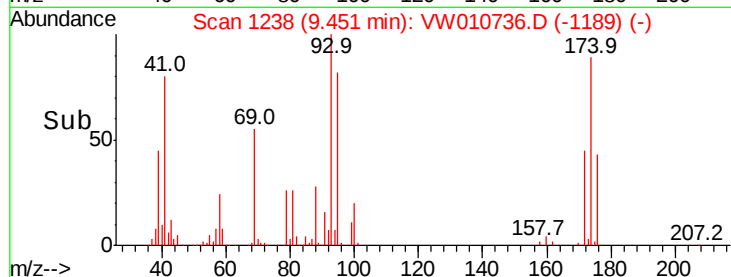
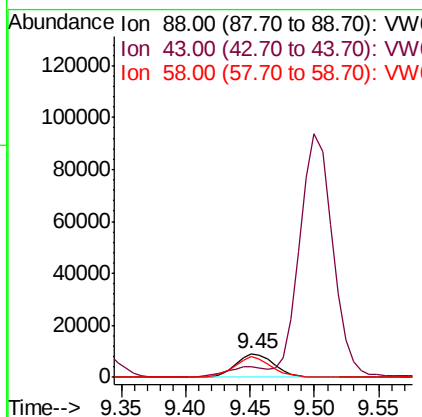
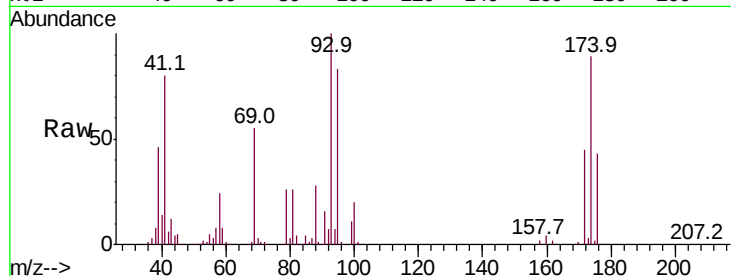
#49
 1,4-Dioxane
 Concen: 745.680 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	18732
Ion	Ratio	Lower	Upper
88	100		
43	43.4	34.2	51.4
58	87.4	69.0	103.4

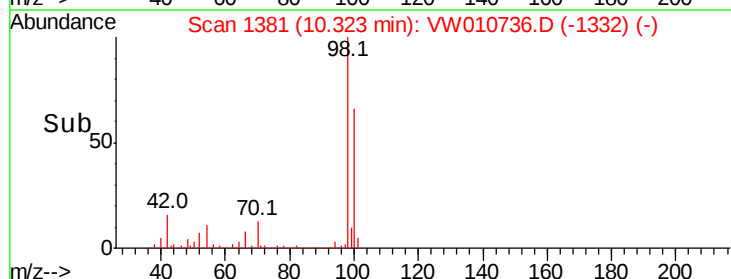
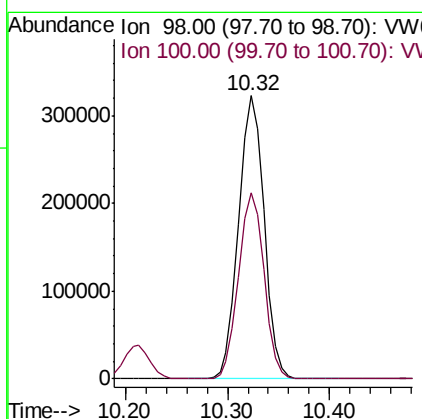
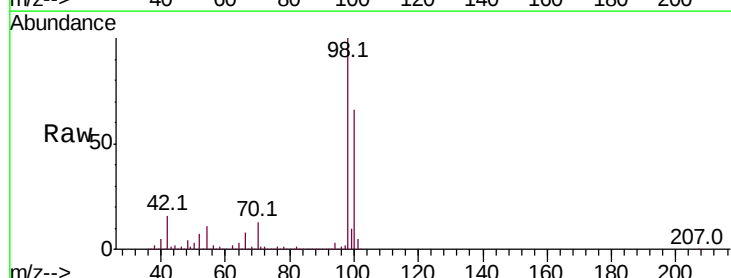
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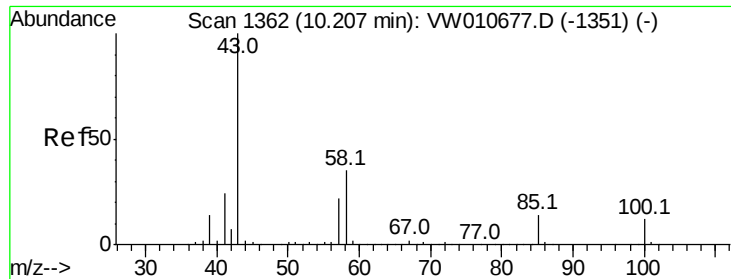
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#50
 Toluene-d8
 Concen: 50.236 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion	98	Resp	559546
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 213.783 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 560087

Ion Ratio Lower Upper

43 100

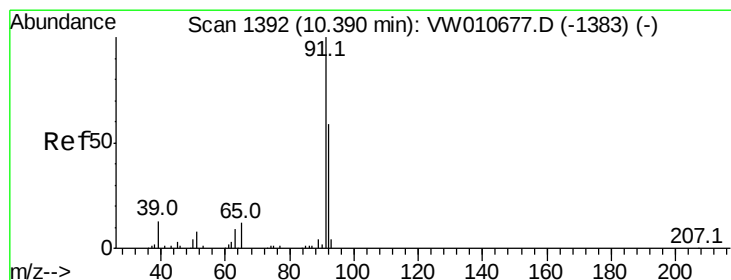
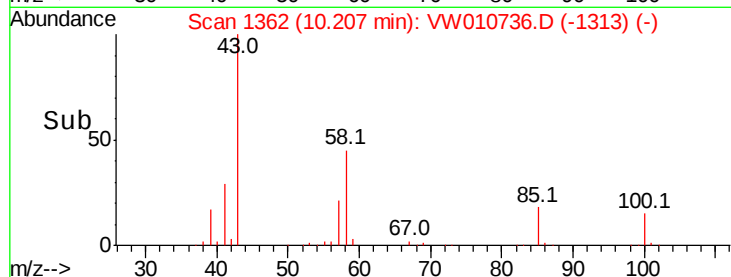
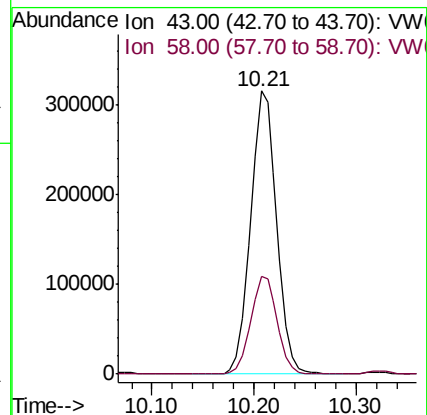
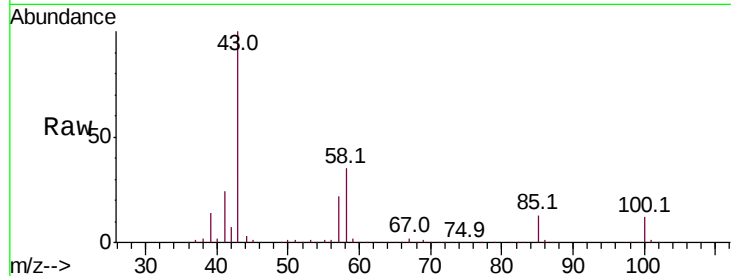
58 35.0 28.4 42.6

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#52

Toluene

Concen: 47.086 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010736.D

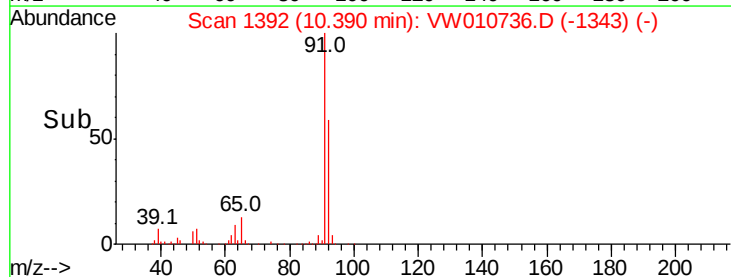
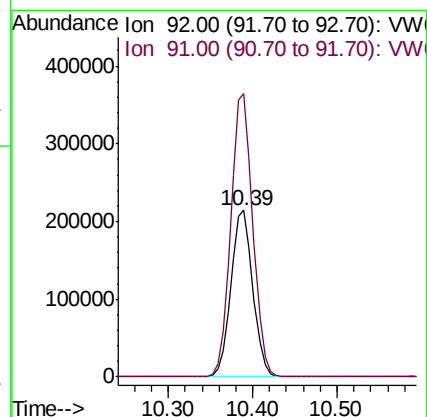
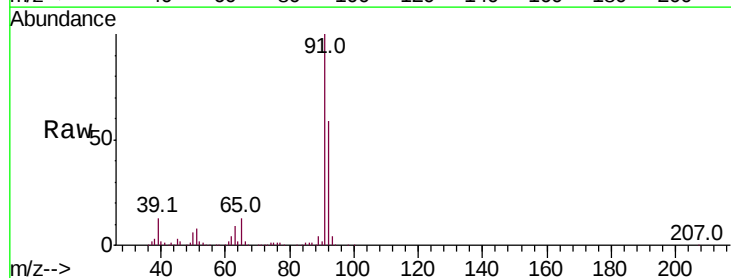
Acq: 10 Jun 2019 10:44

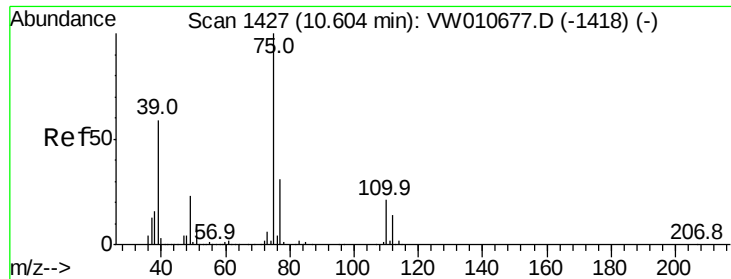
Tgt Ion: 92 Resp: 378595

Ion Ratio Lower Upper

92 100

91 170.6 134.9 202.3





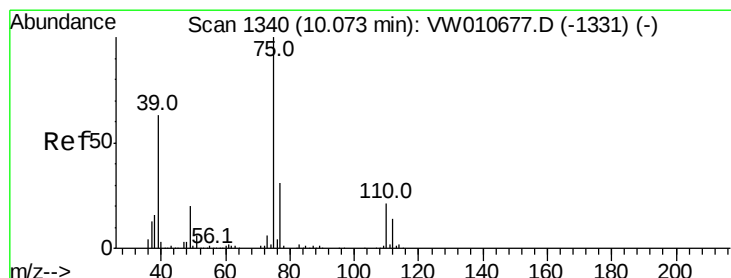
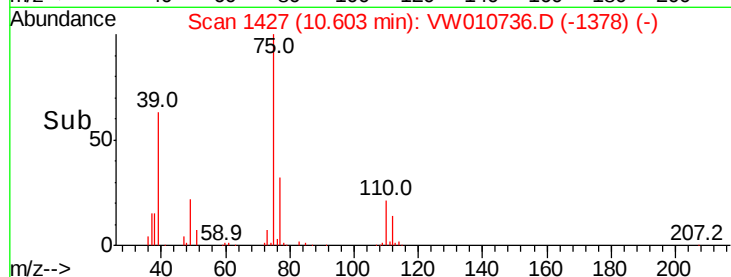
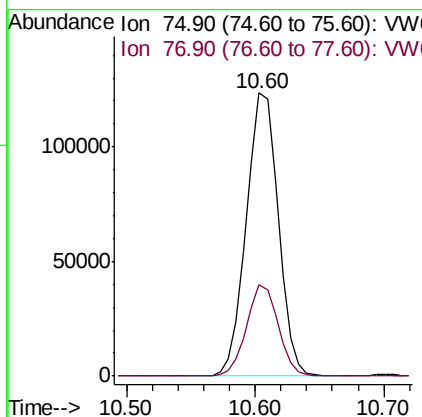
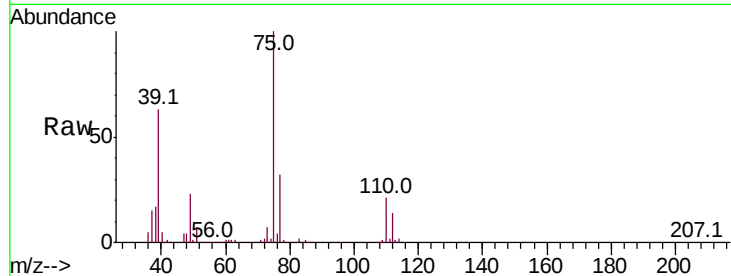
#53
 t-1,3-Dichloropropene
 Concen: 47.978 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.6	36.8

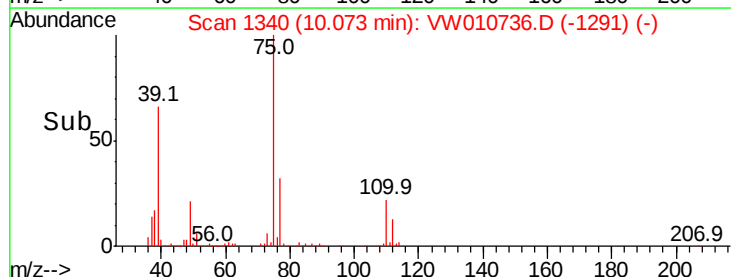
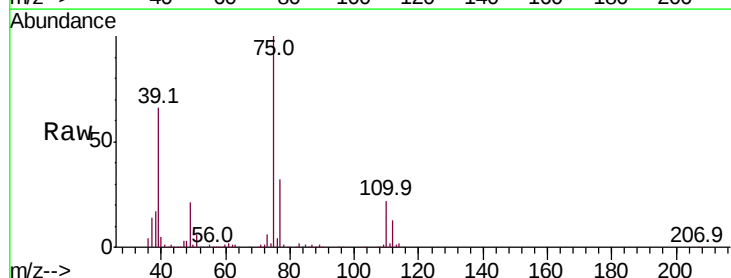
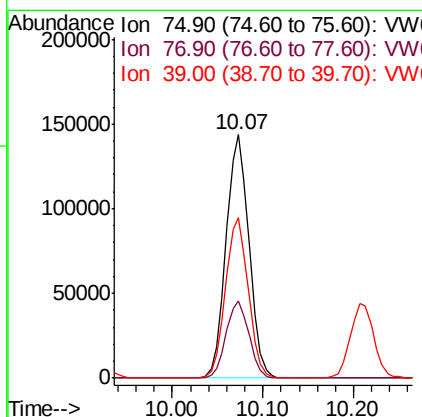
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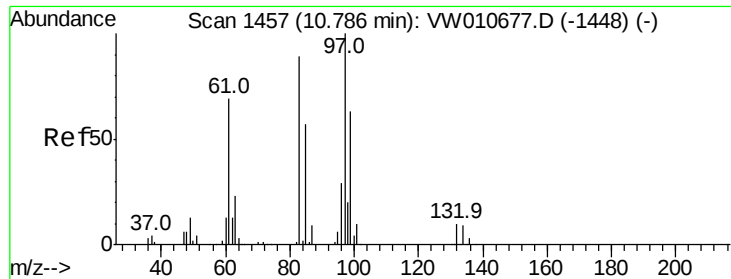
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#54
 cis-1,3-Dichloropropene
 Concen: 48.379 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.2	37.8
39	65.6	50.1	75.1





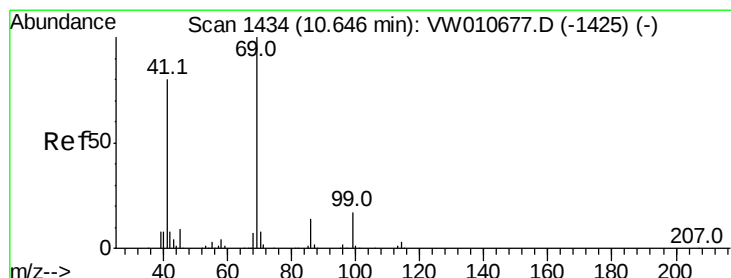
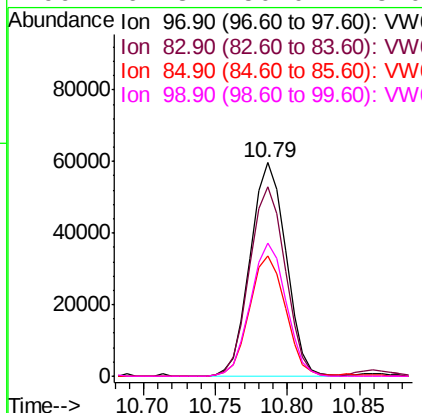
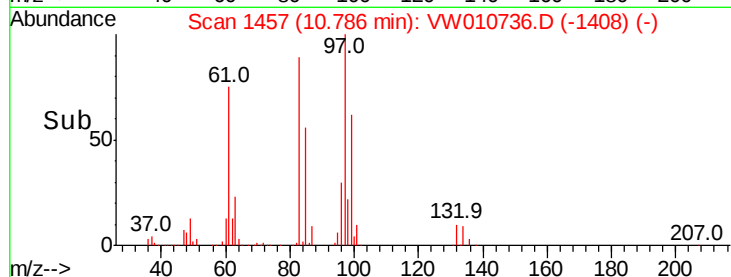
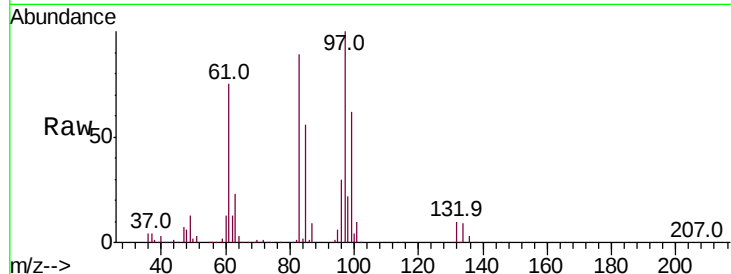
#55
 1,1,2-Trichloroethane
 Concen: 44.342 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	102637
Ion	Ratio	Lower	Upper
97	100		
83	89.0	71.1	106.7
85	56.2	45.2	67.8
99	62.3	50.0	75.0

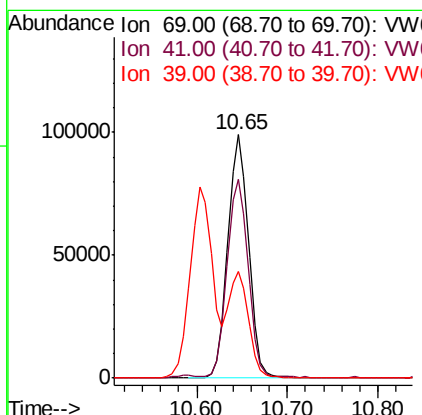
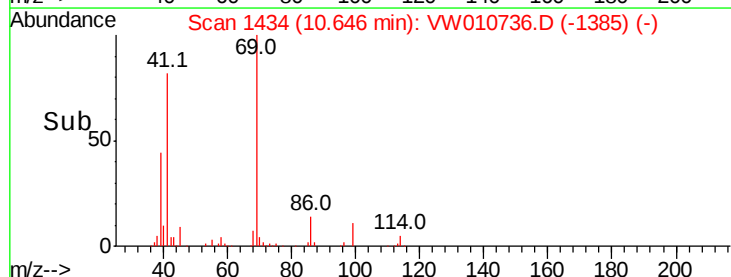
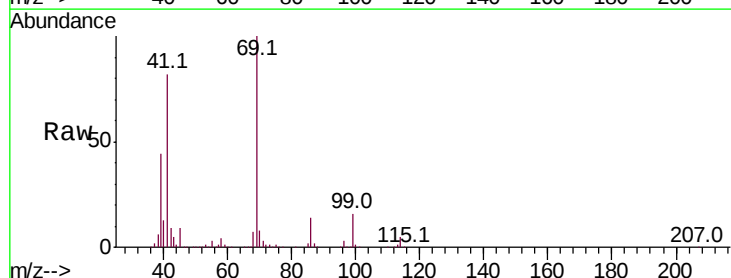
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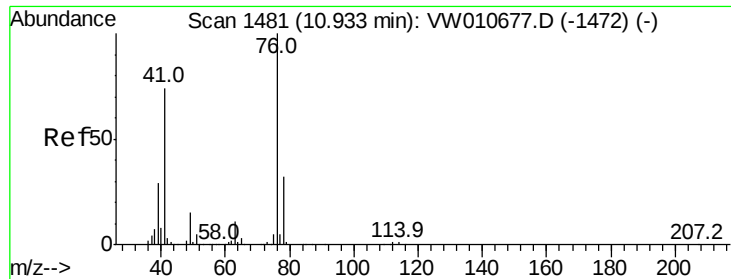
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#56
 Ethyl methacrylate
 Concen: 44.252 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion:	69	Resp:	157611
Ion	Ratio	Lower	Upper
69	100		
41	82.7	64.8	97.2
39	42.1	32.2	48.2





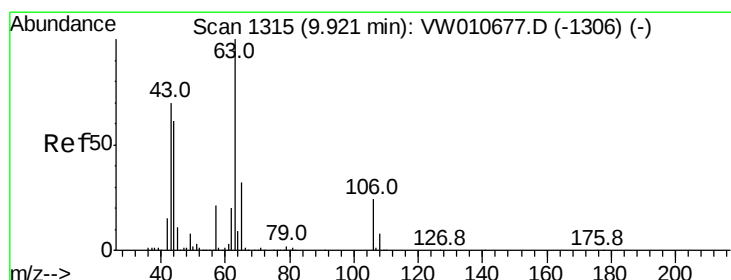
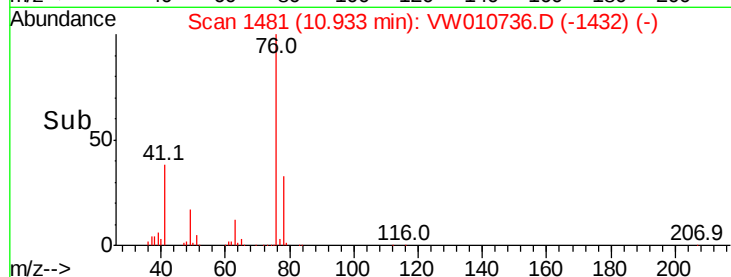
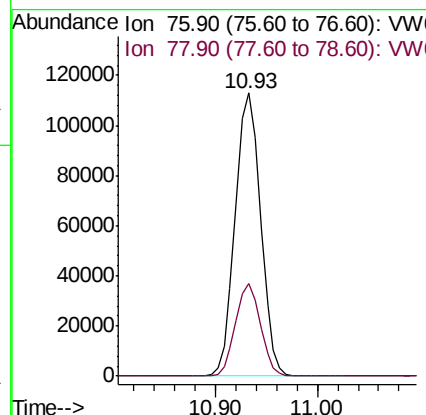
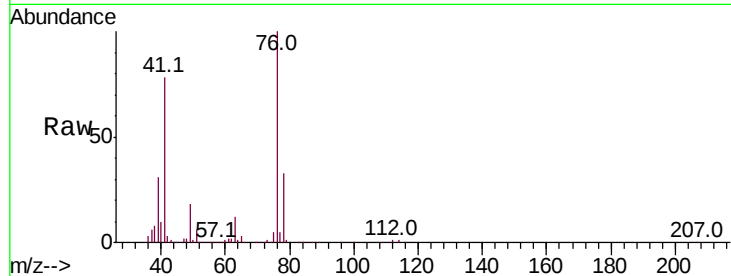
#57
 1,3-Dichloropropane
 Concen: 44.634 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 194697
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

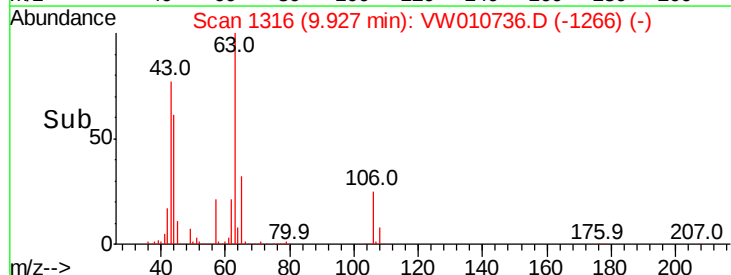
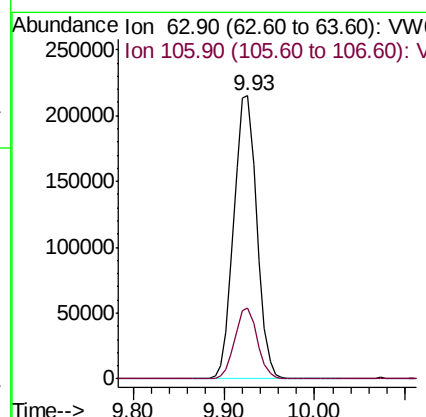
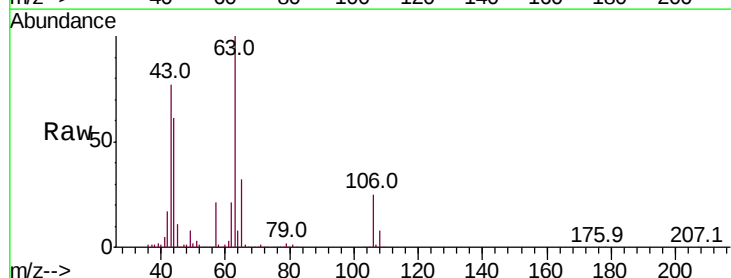
Manual Integrations
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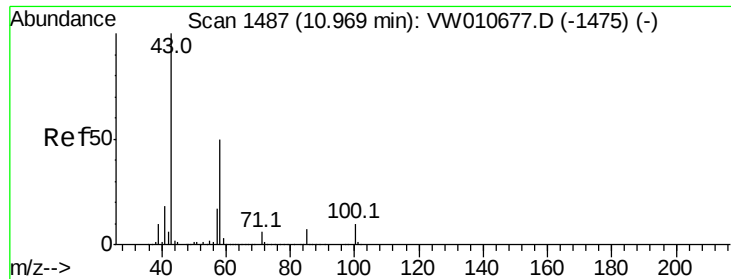
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#58
 2-Chloroethyl Vinyl ether
 Concen: 203.801 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion: 63 Resp: 380197
 Ion Ratio Lower Upper
 63 100
 106 24.6 20.1 30.1





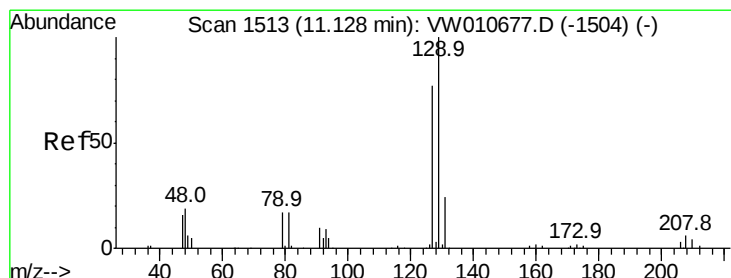
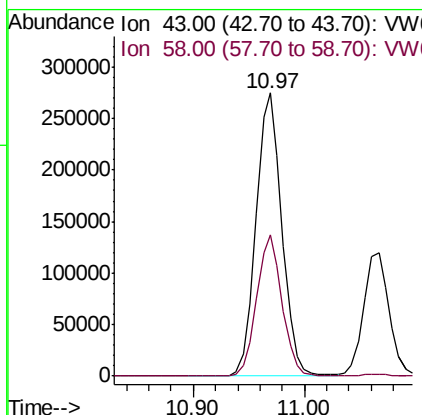
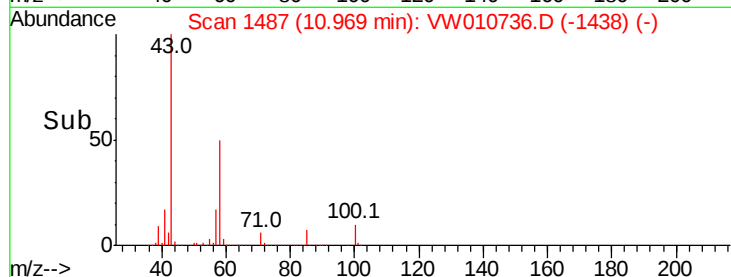
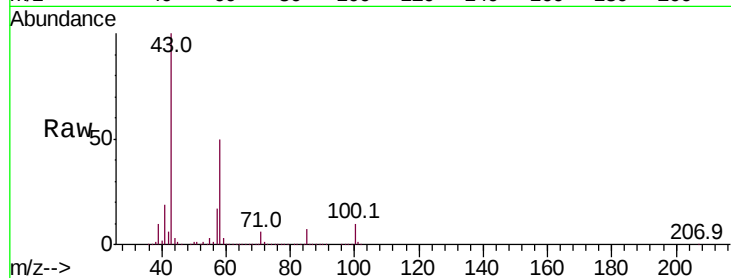
#59
2-Hexanone
Concen: 234.226 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 443495
Ion Ratio Lower Upper
43 100
58 48.9 24.9 74.6

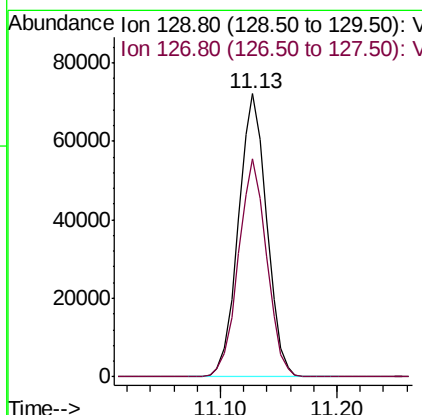
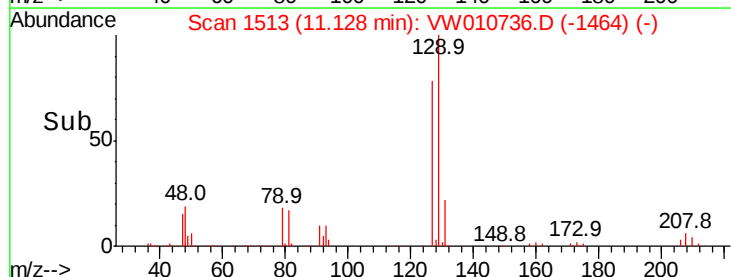
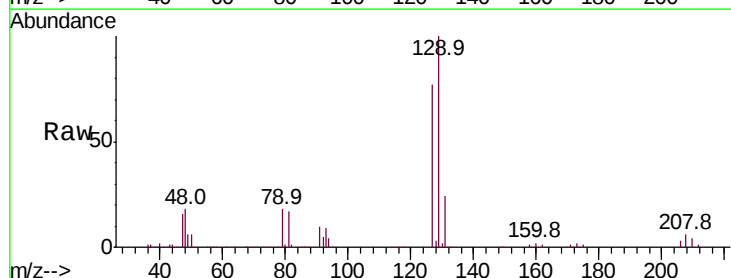
Manual Integrations
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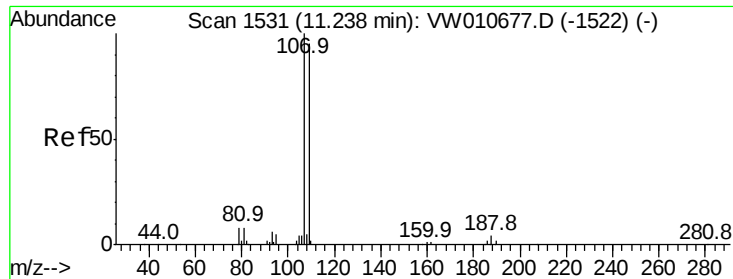
MMDadoda
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#60
Dibromochloromethane
Concen: 47.720 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion: 129 Resp: 122445
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





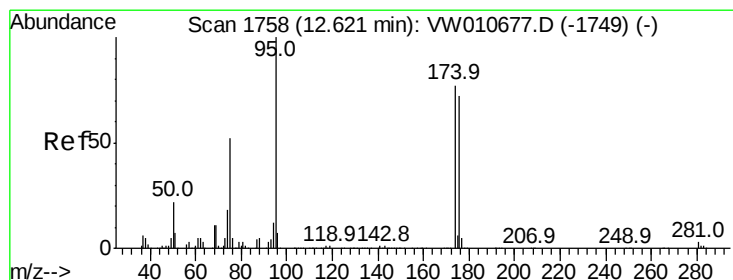
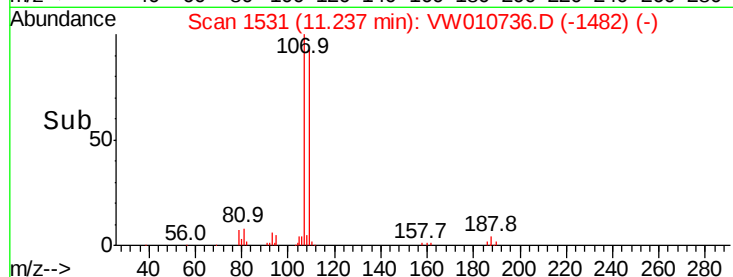
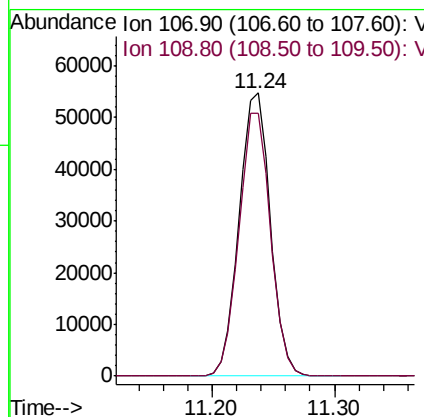
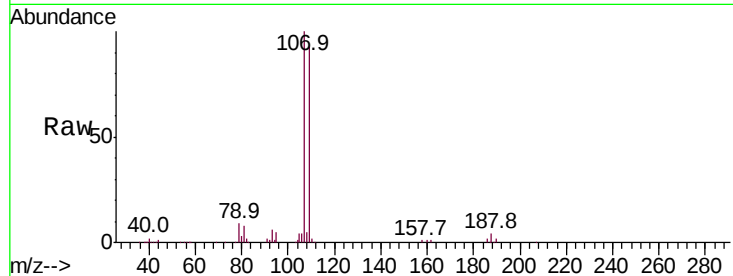
#61
 1,2-Dibromoethane
 Concen: 44.143 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.8	113.8

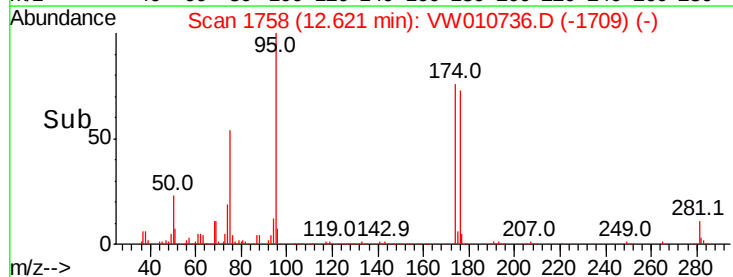
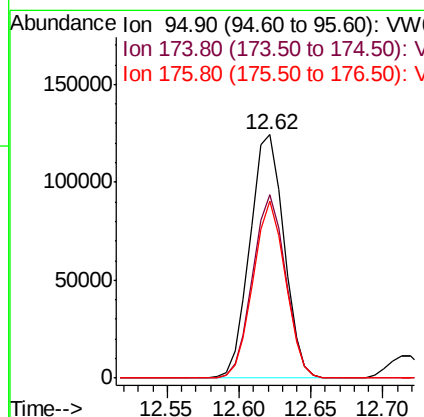
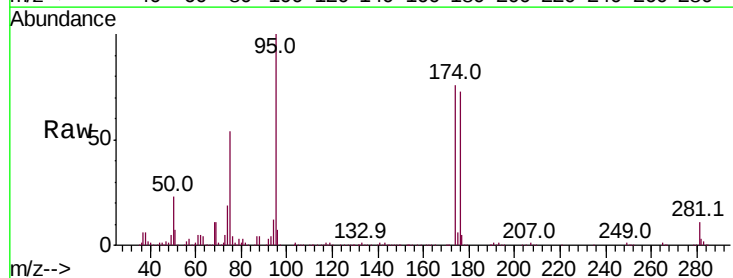
Manual Integrations
 APPROVED

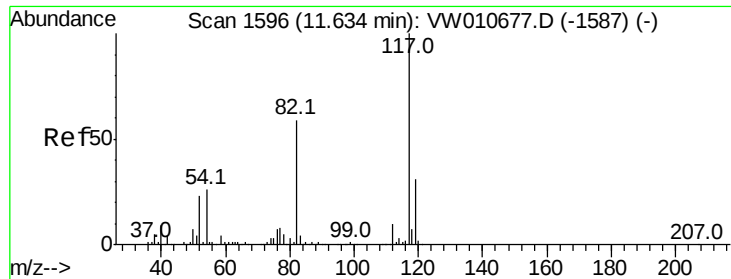
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#62
 4-Bromofluorobenzene
 Concen: 50.109 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	150.4
176	69.6	0.0	144.8





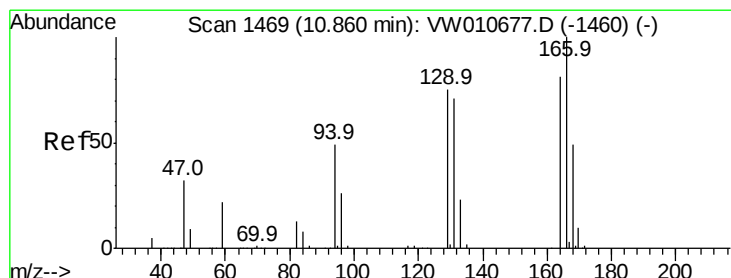
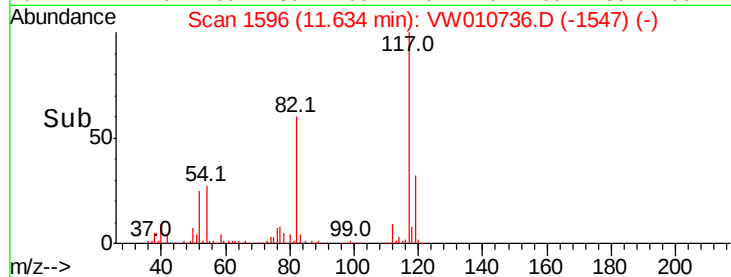
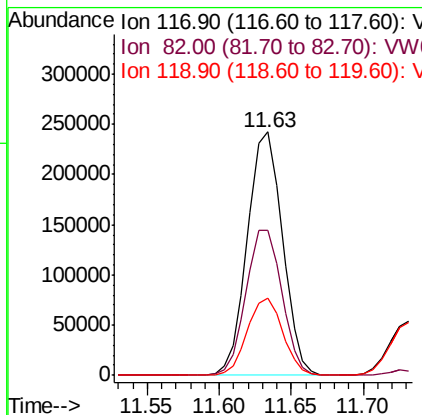
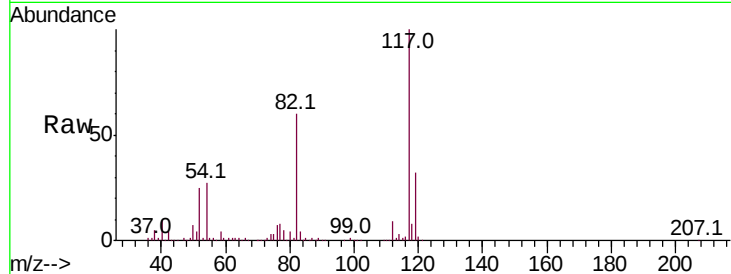
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.0	70.4
119	31.9	25.1	37.7

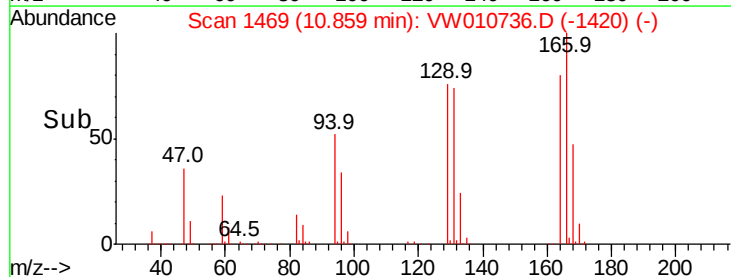
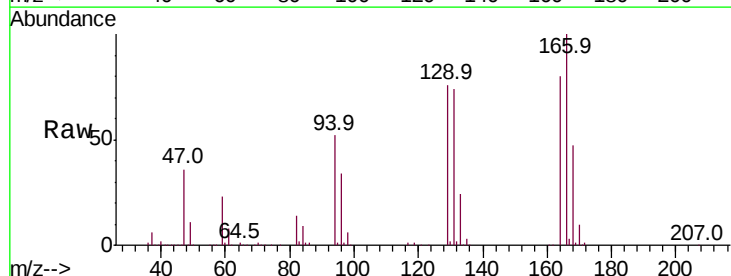
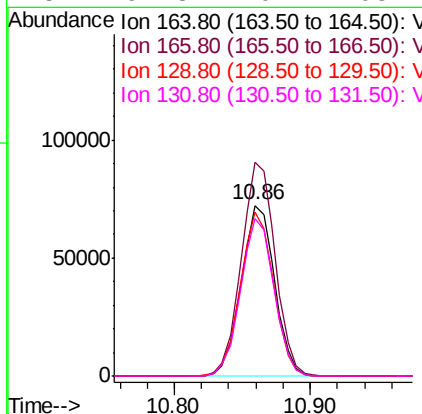
Manual Integrations
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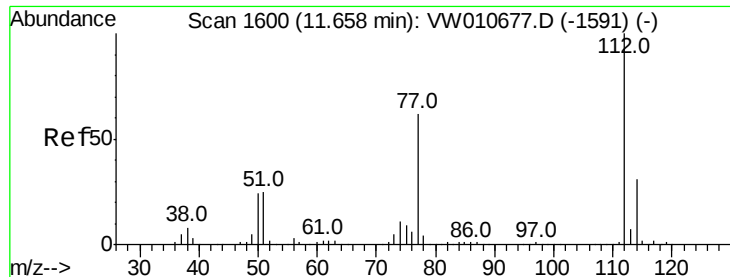
MMDadoda
6/11/2019 1:02:16 PM



#64
Tetrachloroethene
Concen: 45.713 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	99.2	148.8
129	95.7	74.6	112.0
131	92.3	70.2	105.4





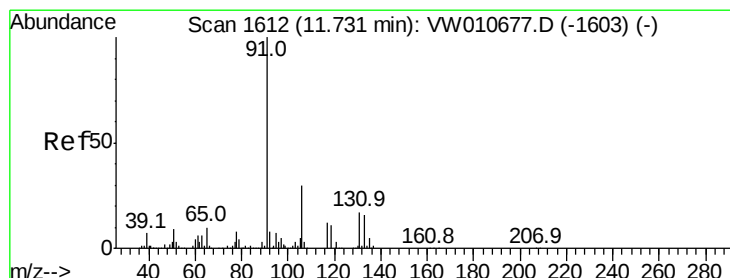
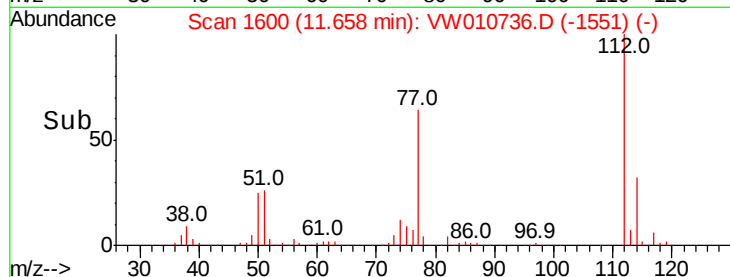
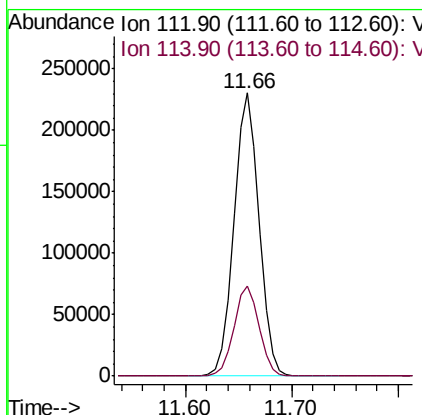
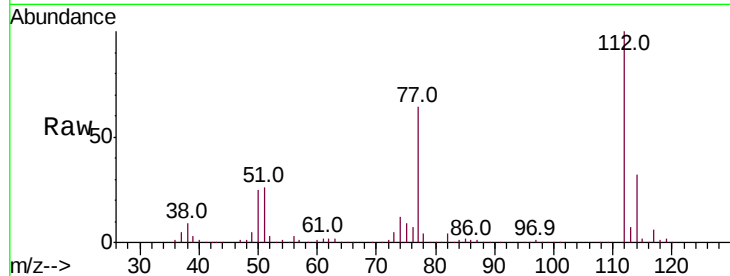
#65
Chlorobenzene
Concen: 47.003 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 379085
Ion Ratio Lower Upper
112 100
114 31.9 24.8 37.2

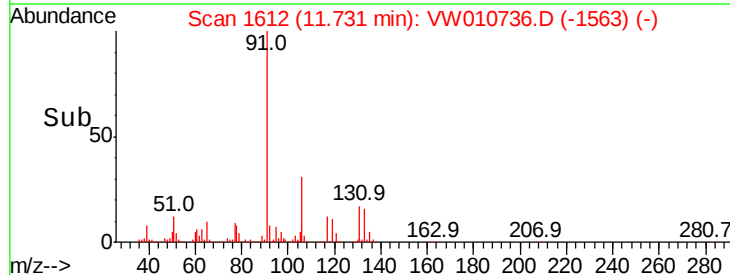
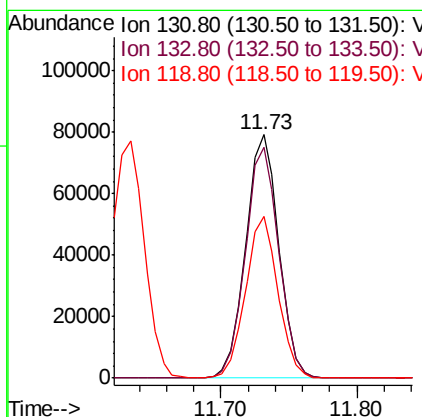
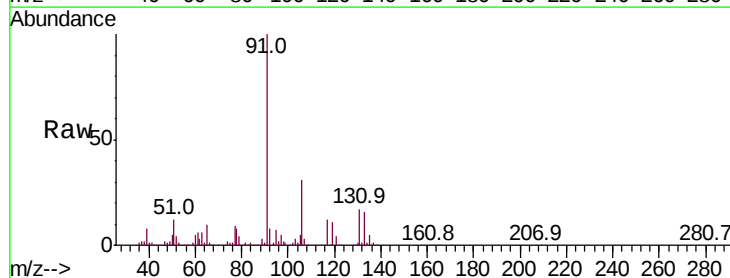
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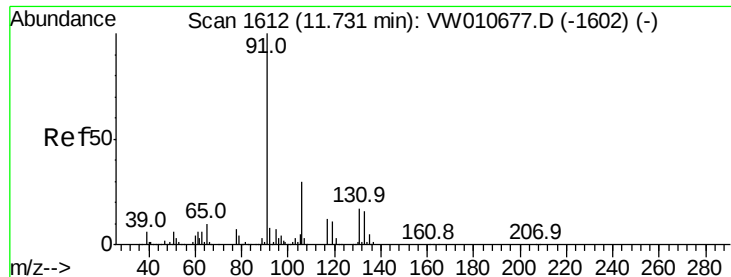
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.309 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion:131 Resp: 134872
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.9
119 65.1 32.4 97.0





#67

Ethyl Benzene

Concen: 47.840 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 741515

Ion Ratio Lower Upper

91 100

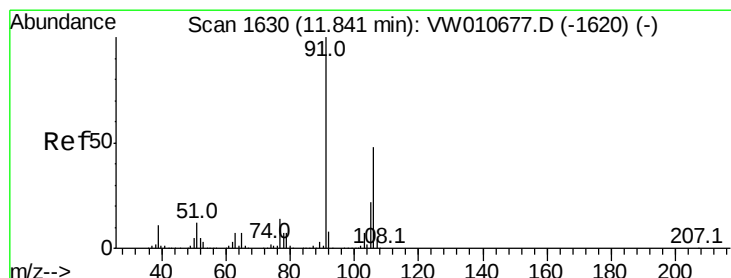
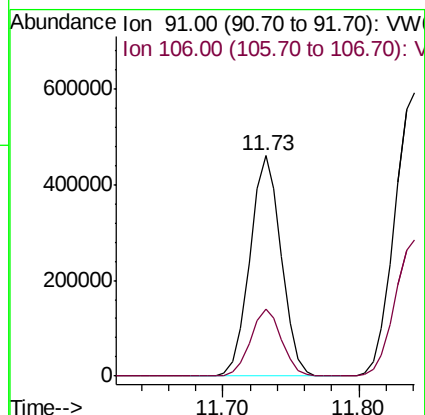
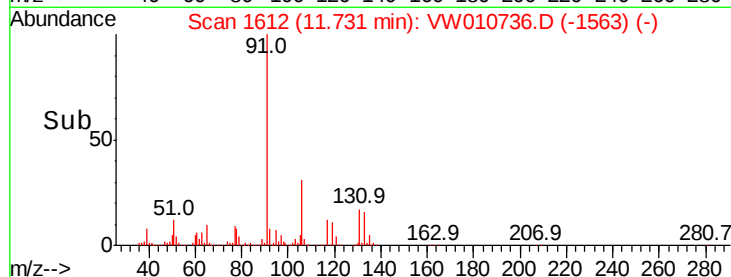
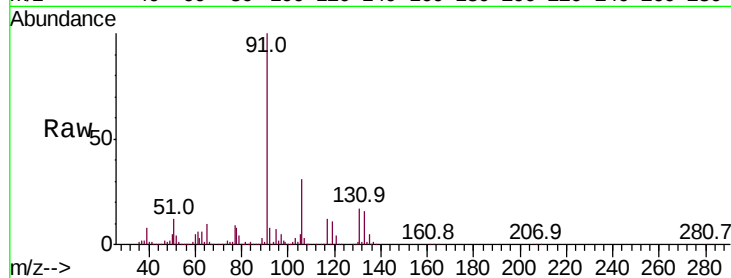
106 30.5 24.2 36.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 95.442 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010736.D

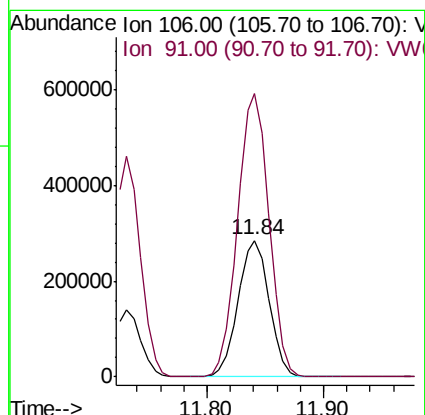
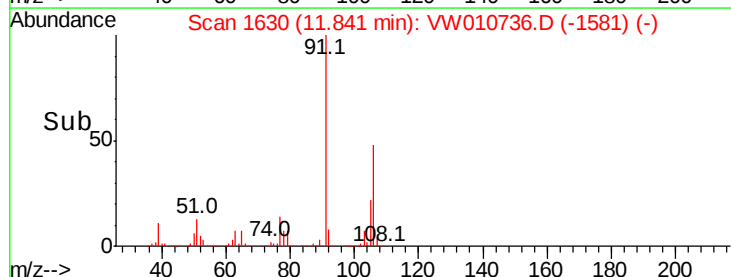
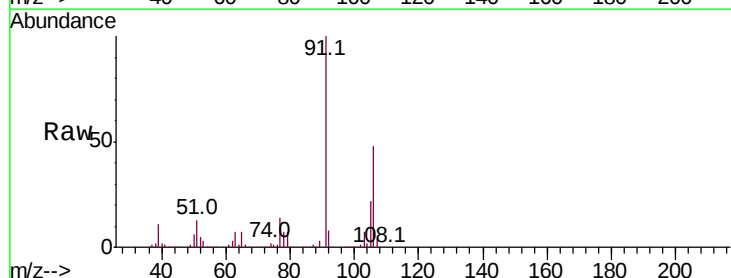
Acq: 10 Jun 2019 10:44

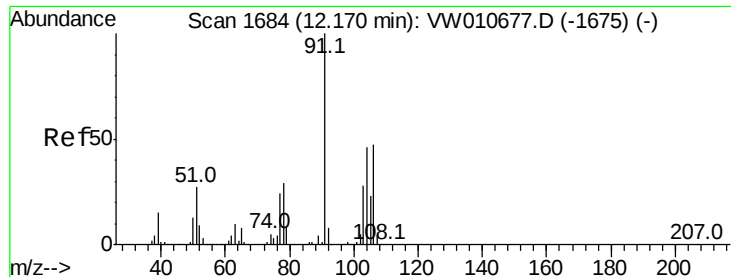
Tgt Ion: 106 Resp: 529563

Ion Ratio Lower Upper

106 100

91 209.8 166.5 249.7





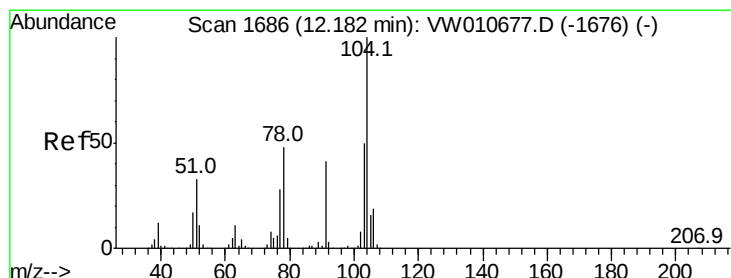
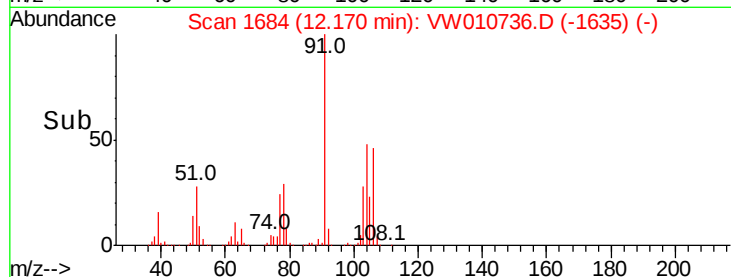
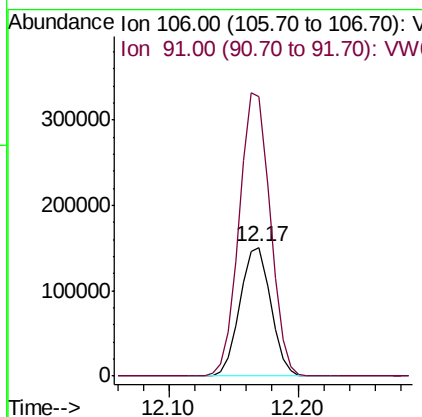
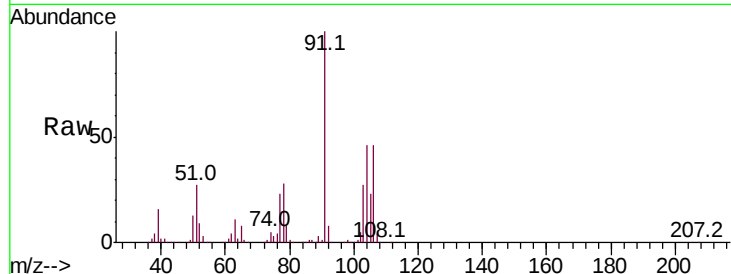
#69
o-Xylene
Concen: 47.421 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.7	108.9	326.6

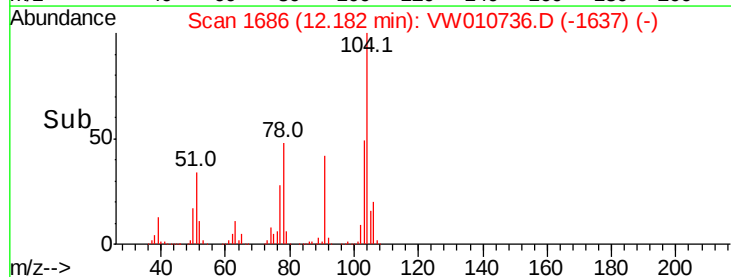
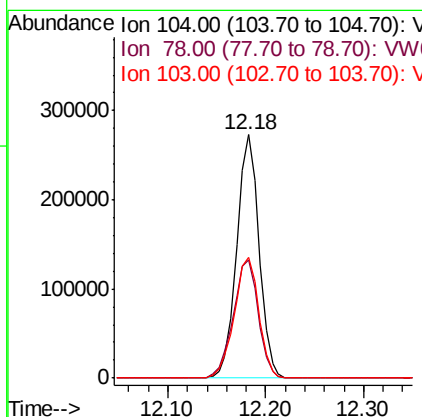
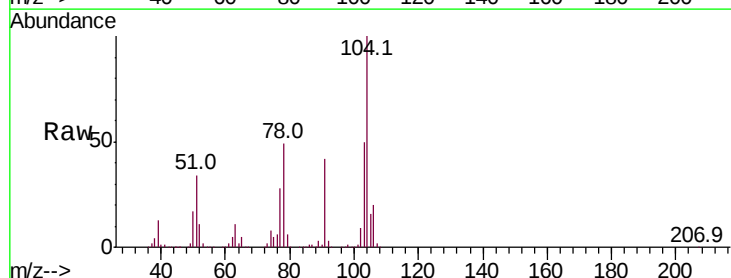
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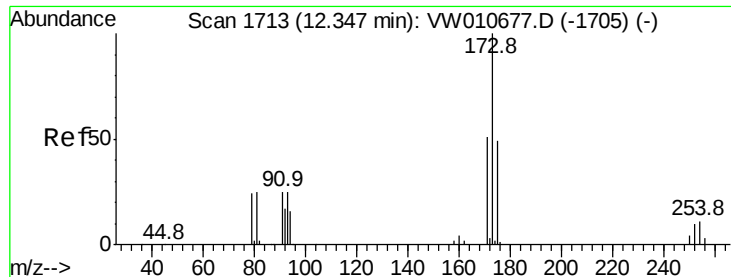
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#70
Styrene
Concen: 47.300 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.4	42.7	64.1
103	54.6	43.6	65.4





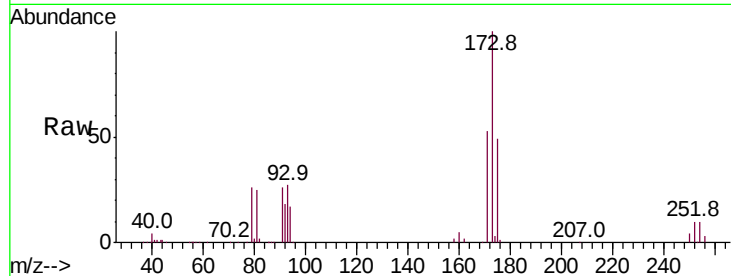
#71
Bromoform
Concen: 46.645 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	72.8
254	0.1	0.1	0.1

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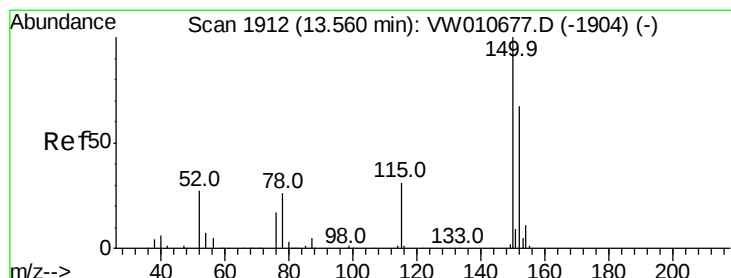
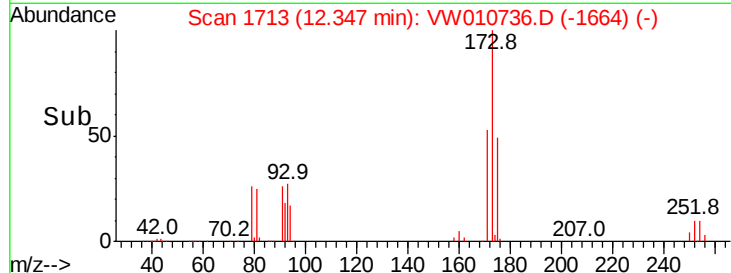
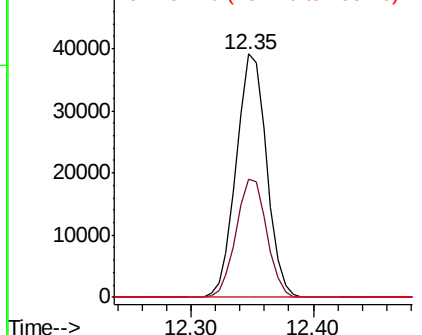


Abundance

Ion 172.70 (172.40 to 173.40): V

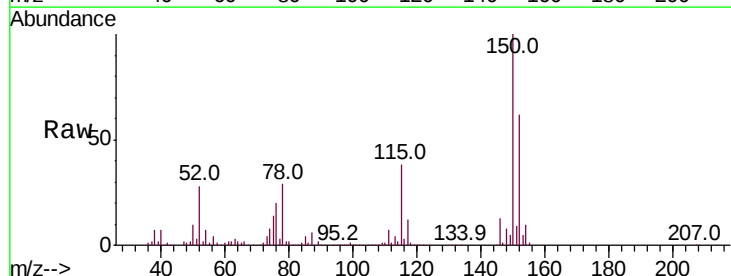
Ion 174.70 (174.40 to 175.40): V

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: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.8	89.3
150	172.7	0.0	345.0

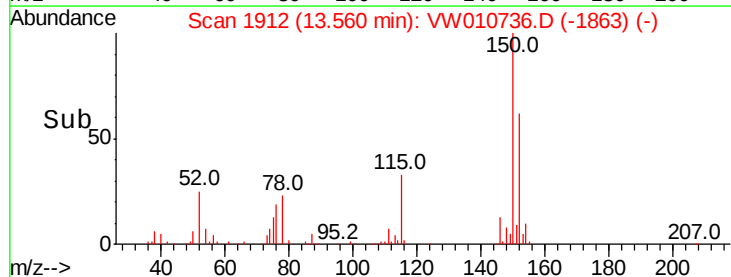
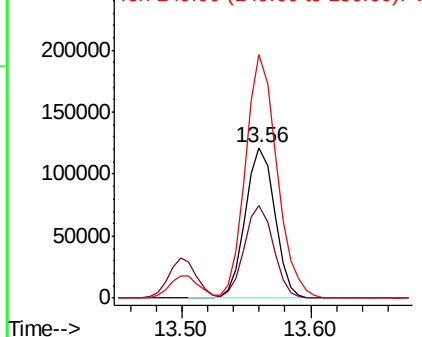


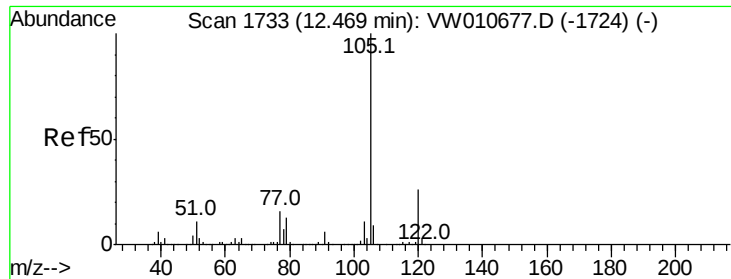
Abundance

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





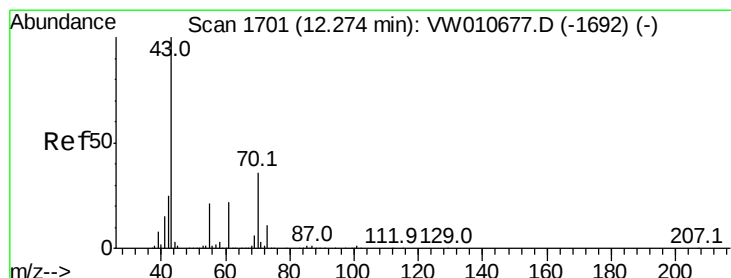
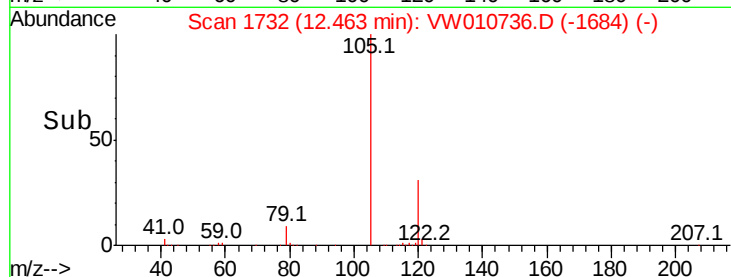
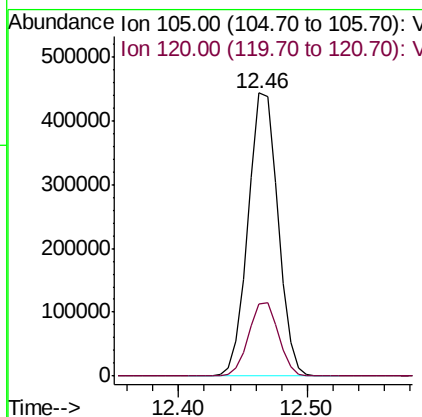
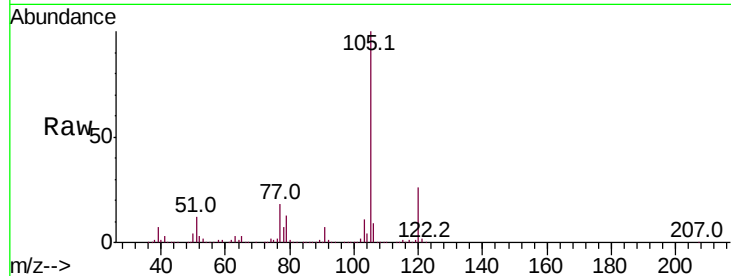
#73
Isopropylbenzene
Concen: 49.114 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.1	39.1

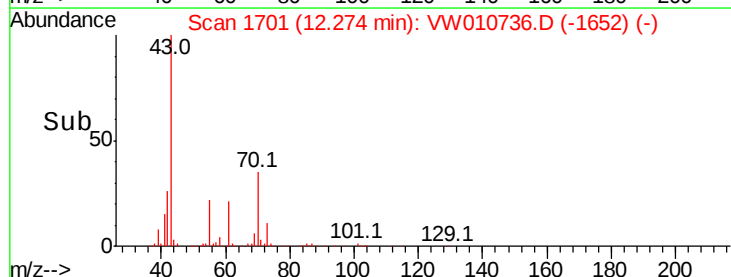
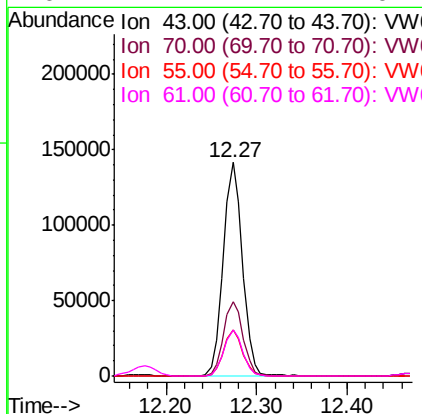
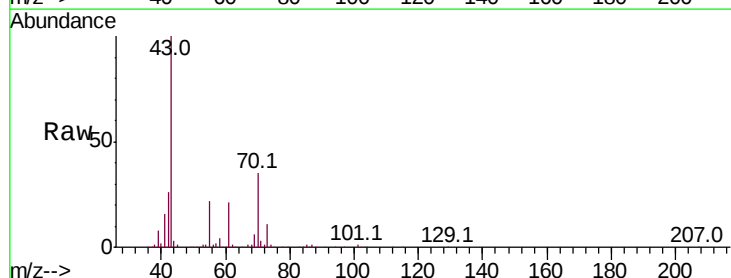
Manual Integrations
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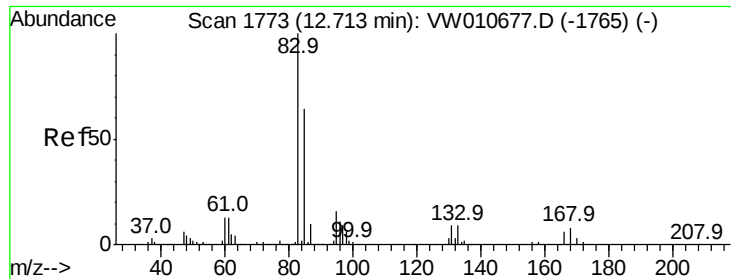
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#74
N-ethyl acetate
Concen: 44.878 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.3	29.2	43.8
55	21.8	17.5	26.3
61	21.1	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 43.695 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

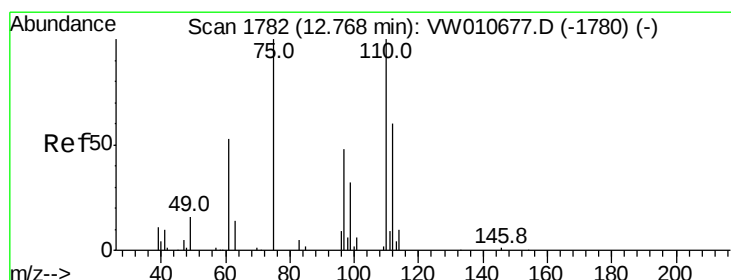
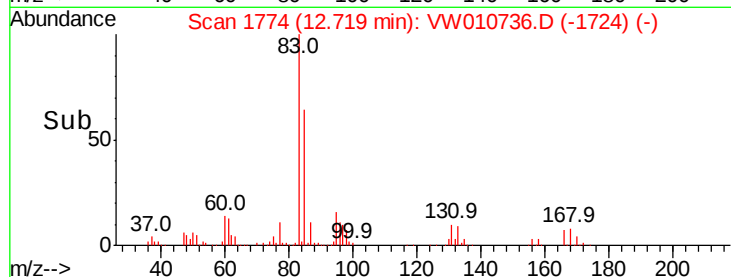
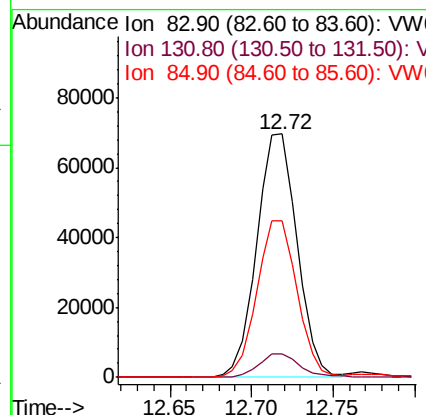
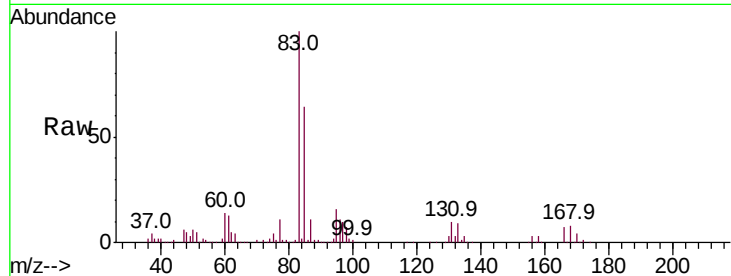
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	119706
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.7
85	64.2	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.068 ug/l m

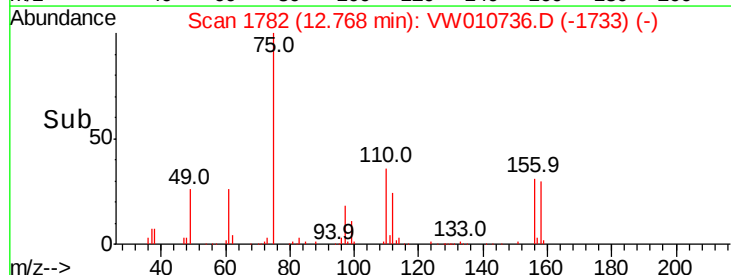
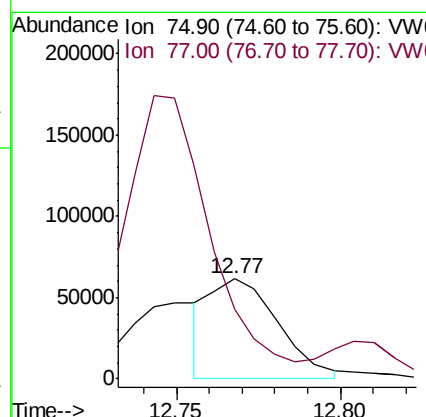
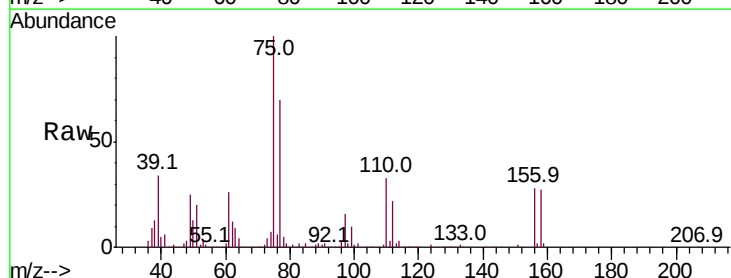
RT: 12.77 min Scan# 1782

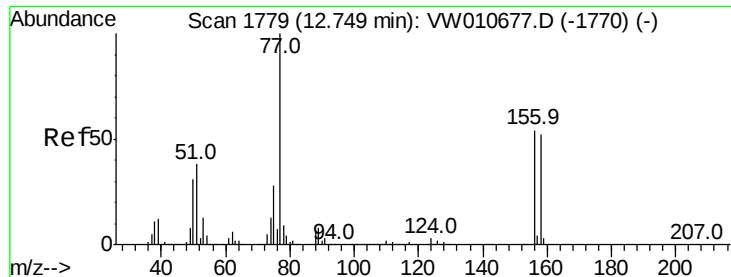
Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Tgt Ion:	75	Resp:	88622
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





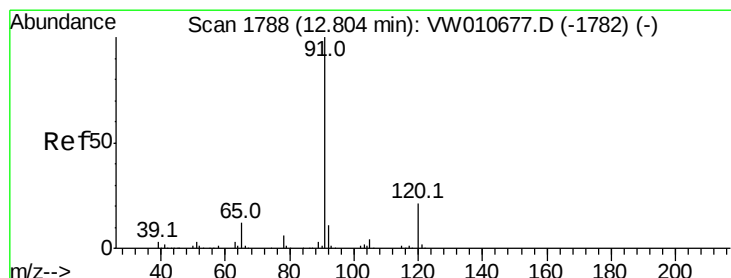
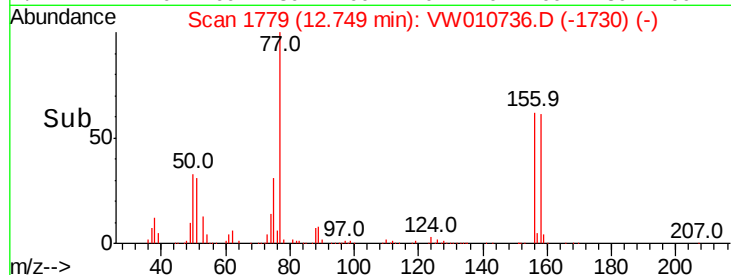
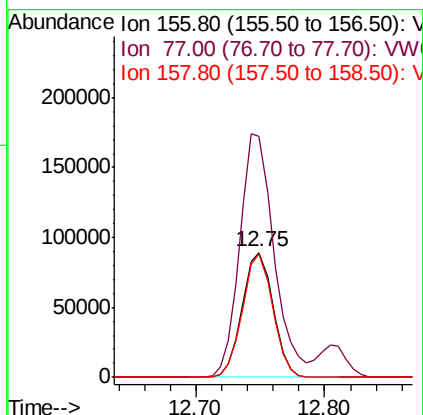
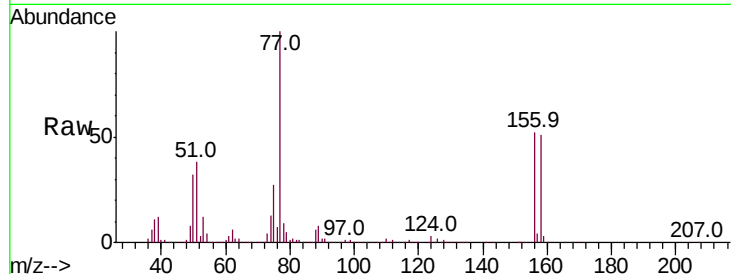
#77
Bromobenzene
Concen: 47.146 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	216.8	106.5	319.4
158	96.5	48.3	144.9

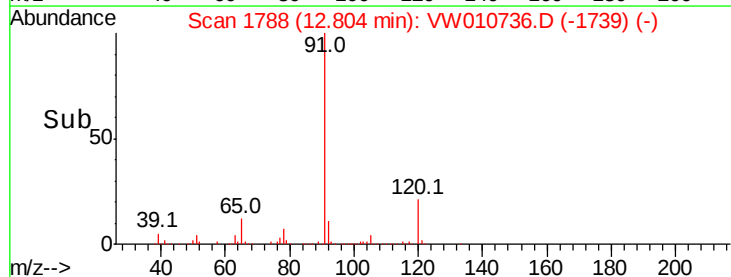
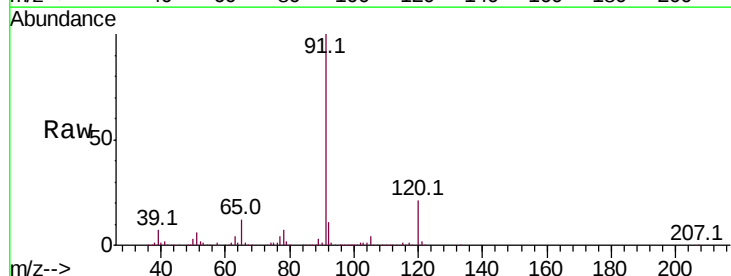
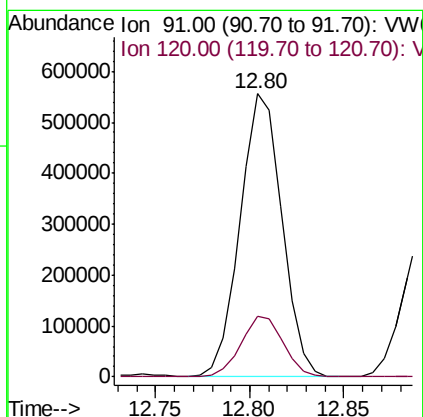
Manual Integrations
APPROVED

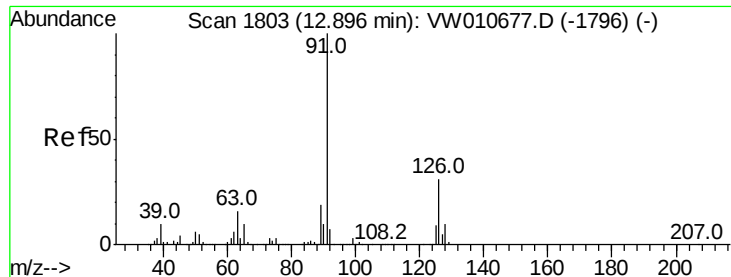
MMDadoda
6/11/2019 1:02:16 PM



#78
n-propylbenzene
Concen: 49.409 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.4





#79

2-Chlorotoluene

Concen: 48.660 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 482387

Ion Ratio Lower Upper

91 100

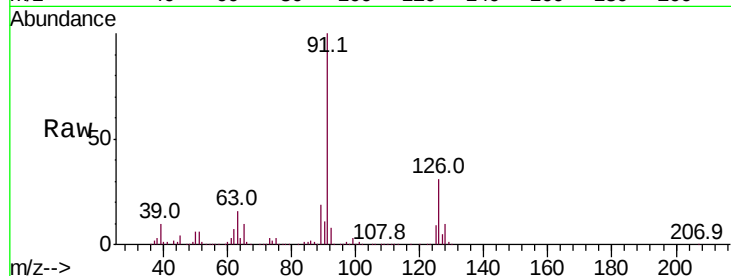
126 31.0 15.7 47.0

Manual Integrations

APPROVED

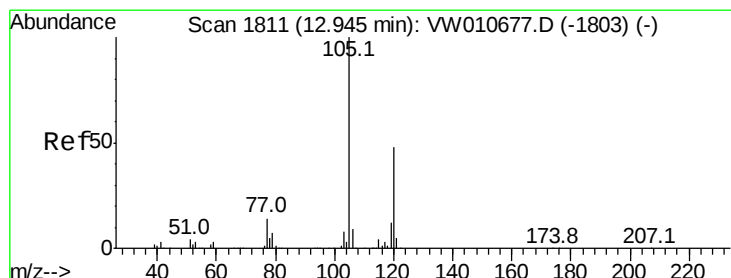
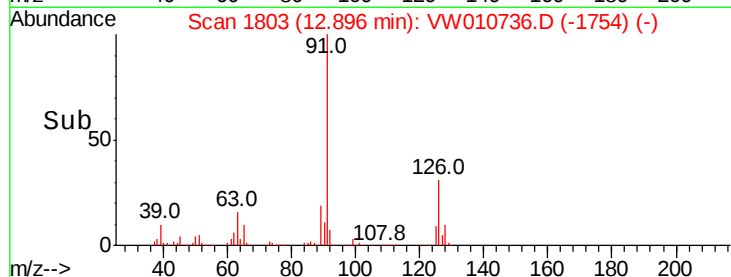
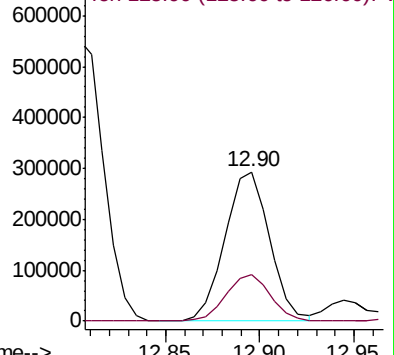
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.632 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010736.D

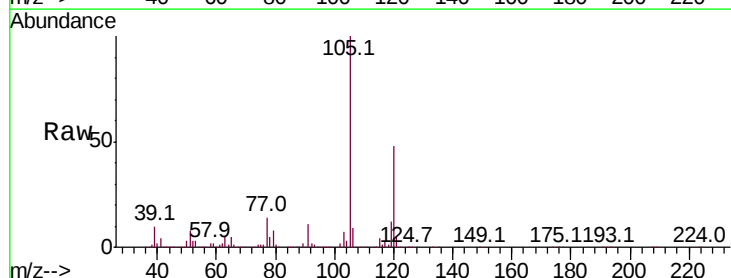
Acq: 10 Jun 2019 10:44

Tgt Ion: 105 Resp: 572824

Ion Ratio Lower Upper

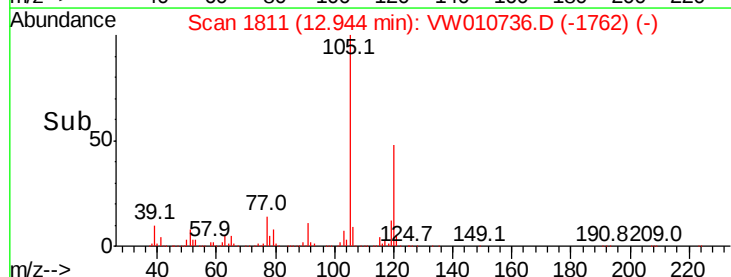
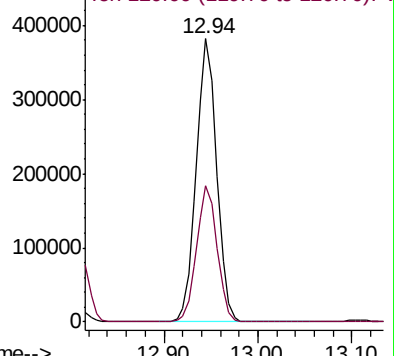
105 100

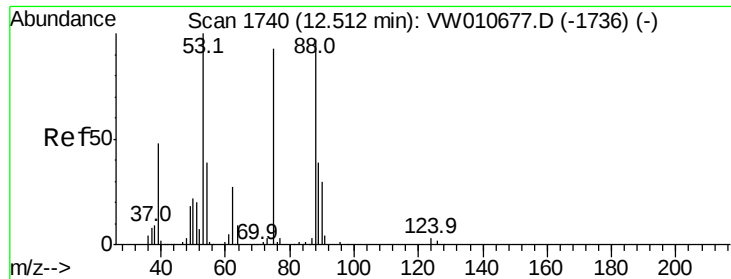
120 48.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





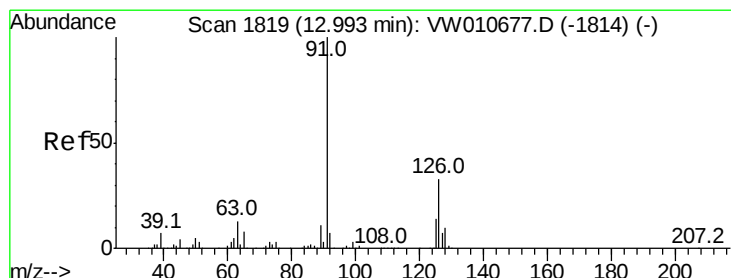
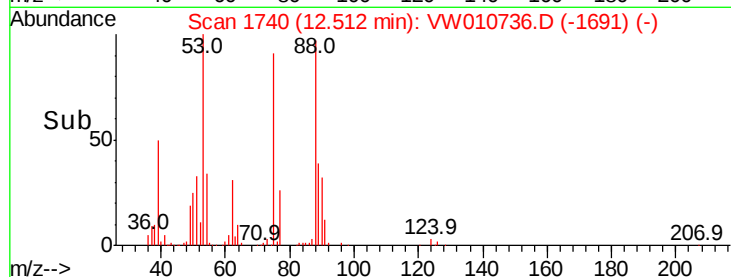
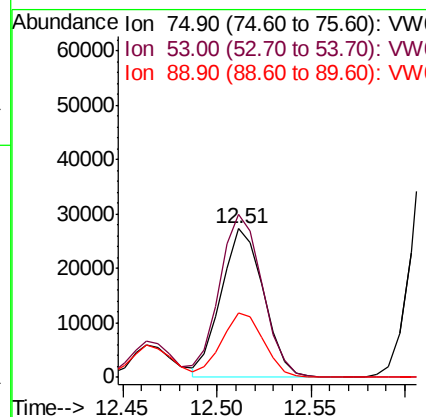
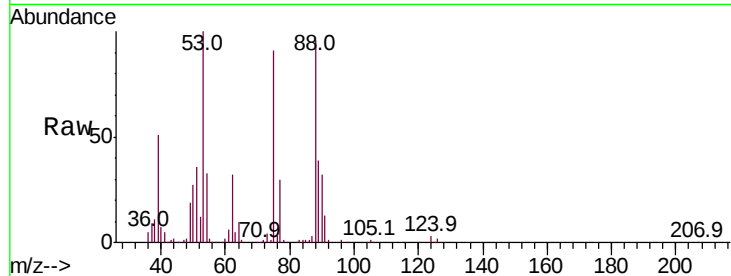
#81
trans-1,4-Dichloro-2-butene
Concen: 48.698 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.3	90.1	135.1
89	43.4	34.6	52.0

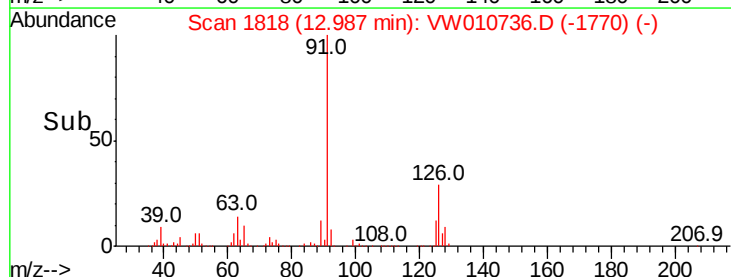
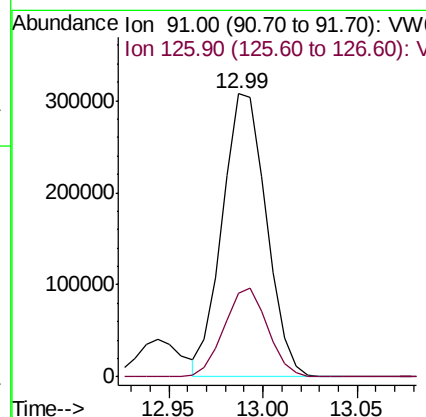
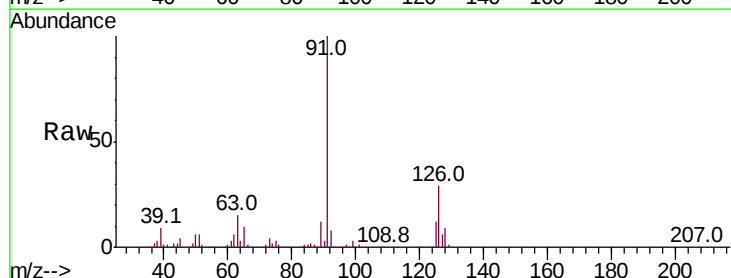
Manual Integrations
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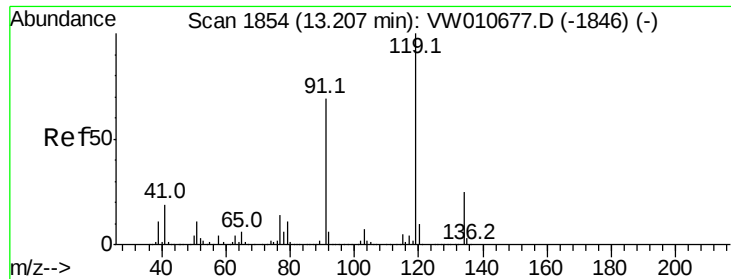
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#82
4-Chlorotoluene
Concen: 48.761 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.9	47.7





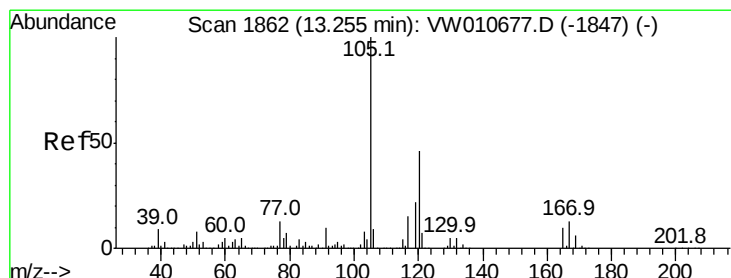
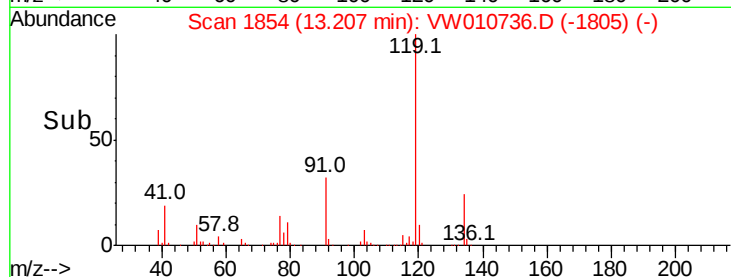
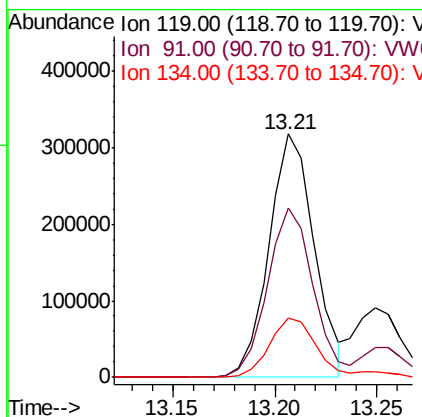
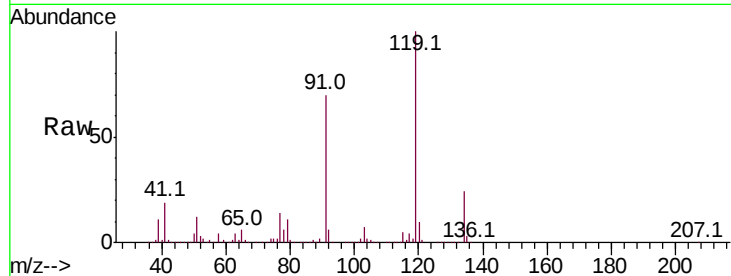
#83
tert-Butylbenzene
Concen: 49.371 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	493537		
91	70.7	35.1	105.3	
134	26.8	13.6	40.7	

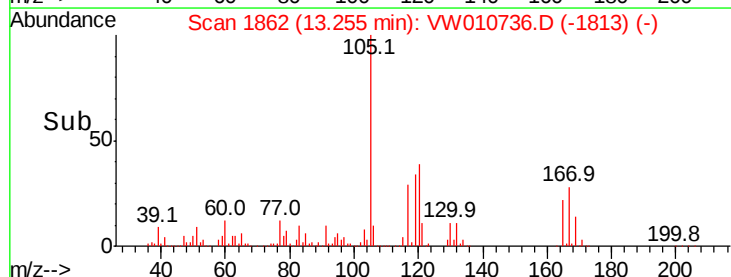
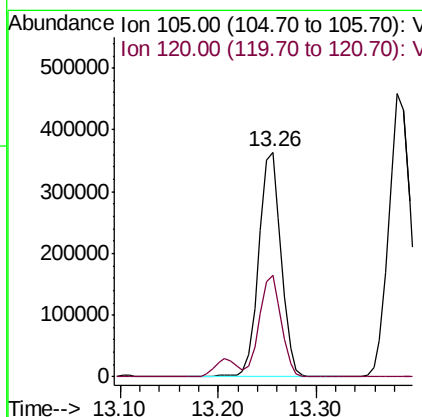
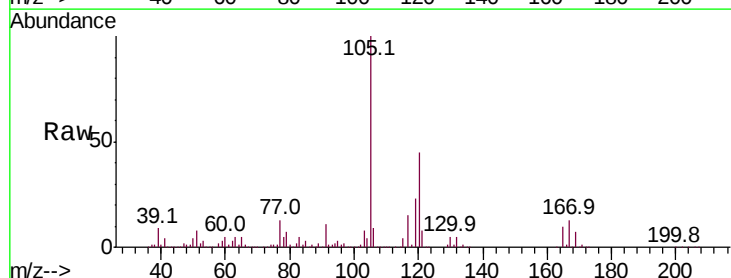
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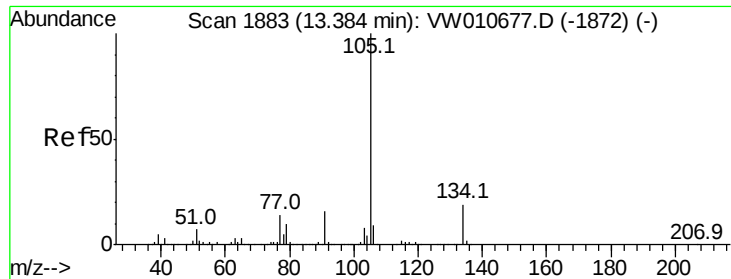
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#84
1,2,4-Trimethylbenzene
Concen: 48.392 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	573591		
120	44.3	22.5	67.5	





#85

sec-Butylbenzene

Concen: 49.005 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 713251

Ion Ratio Lower Upper

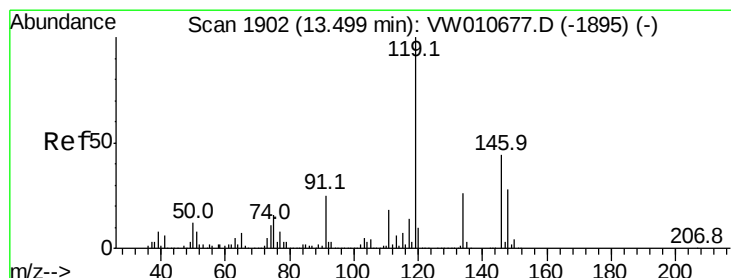
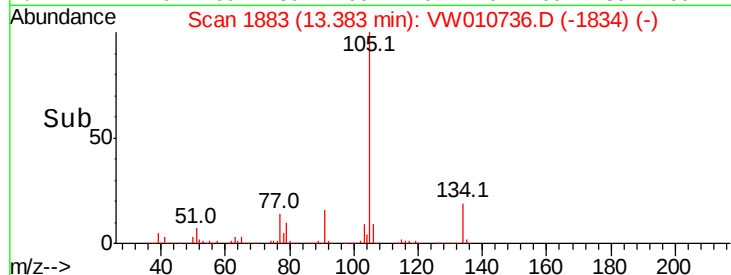
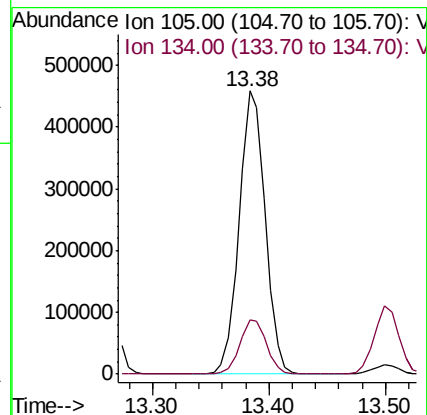
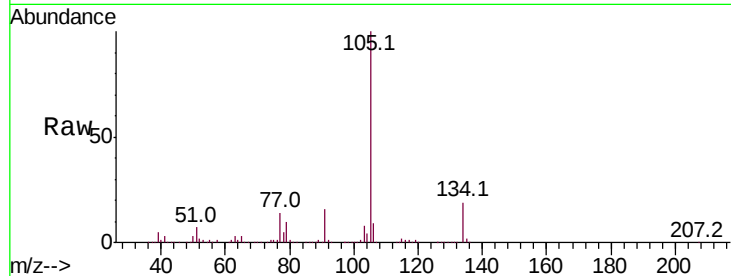
105 100

134 19.4 9.7 28.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 48.813 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

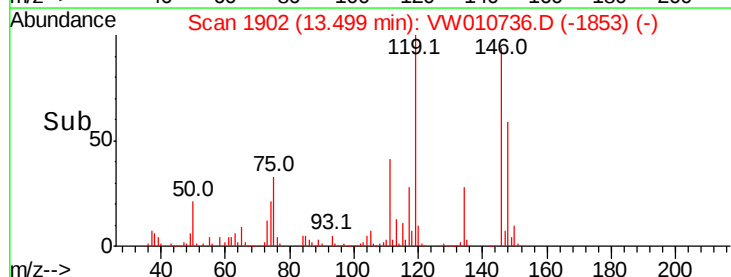
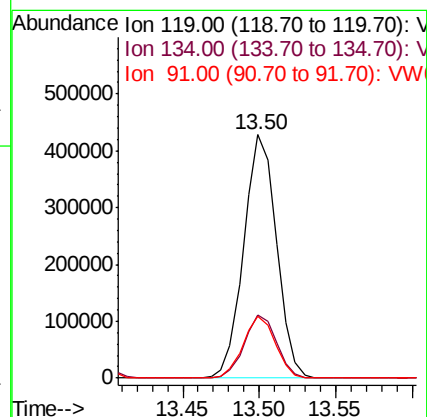
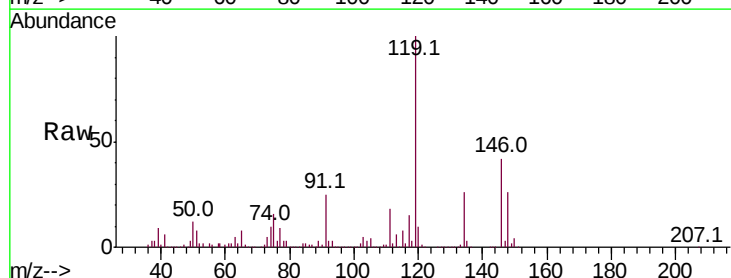
Tgt Ion:119 Resp: 635328

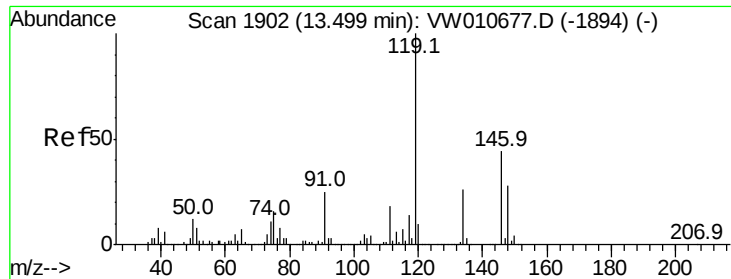
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 24.9 12.2 36.4





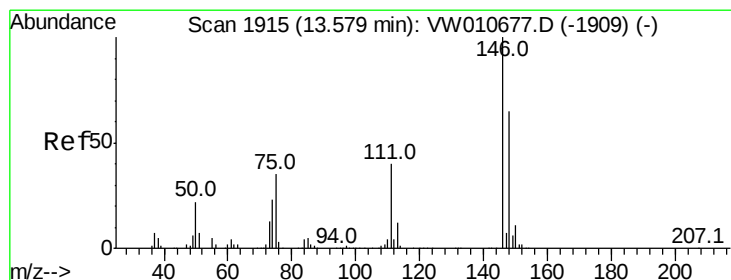
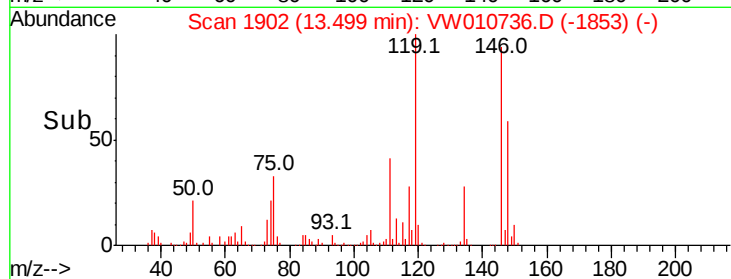
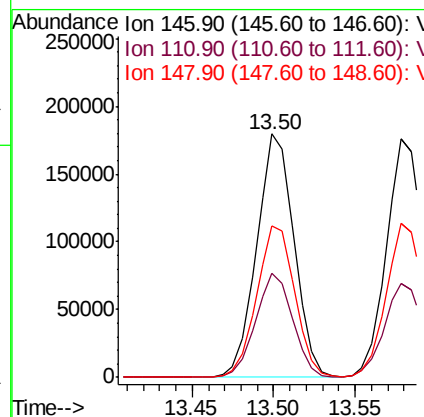
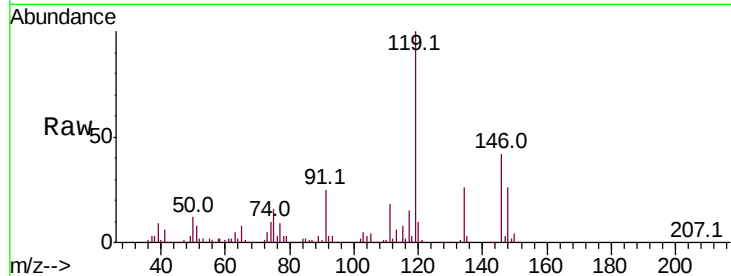
#87
1,3-Dichlorobenzene
Concen: 47.358 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	286880		
111	42.3	20.4	61.3	
148	63.3	31.5	94.5	

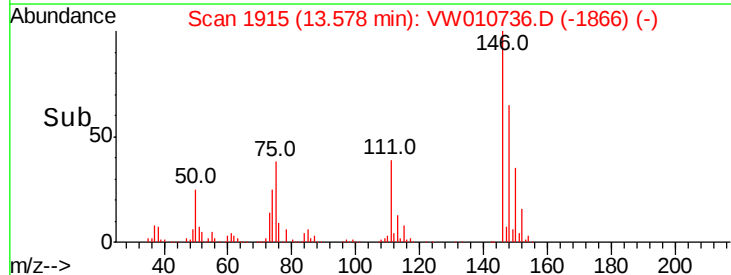
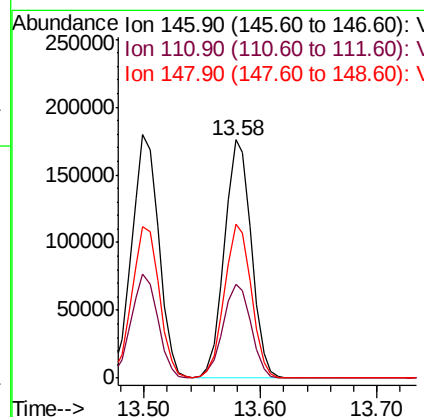
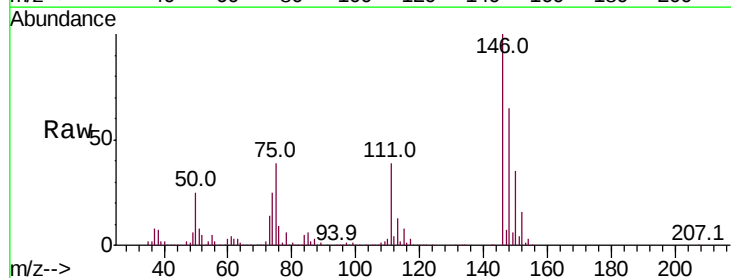
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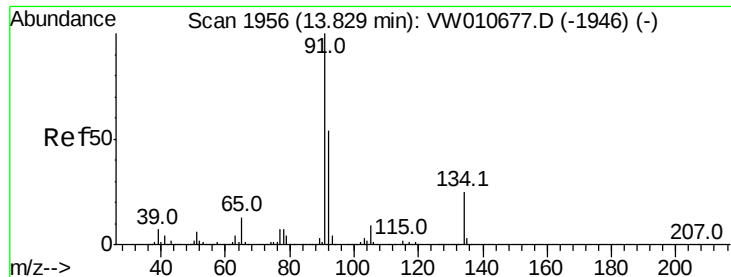
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#88
1,4-Dichlorobenzene
Concen: 46.623 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	279993		
111	40.8	20.3	60.9	
148	64.9	32.4	97.2	





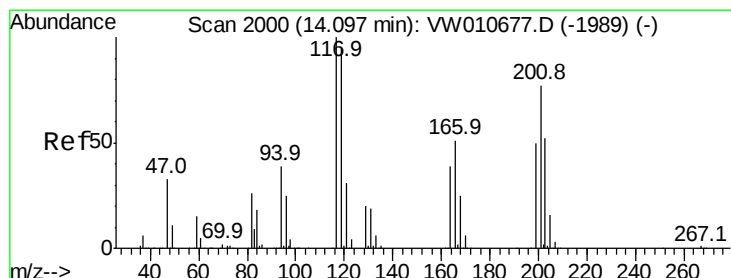
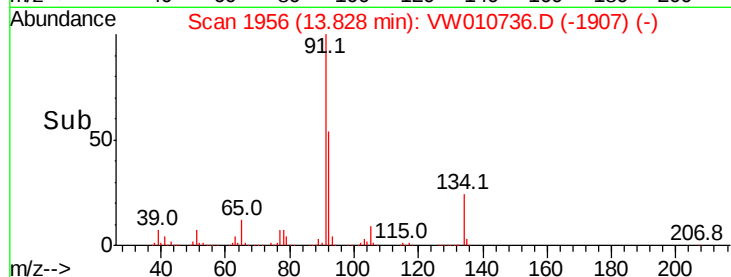
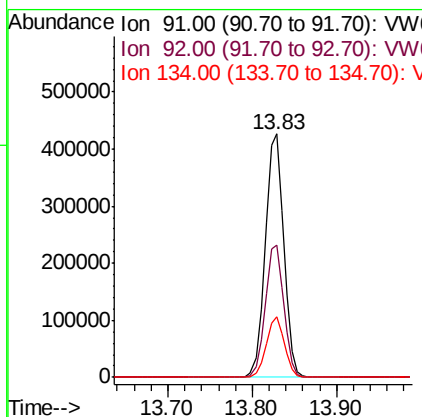
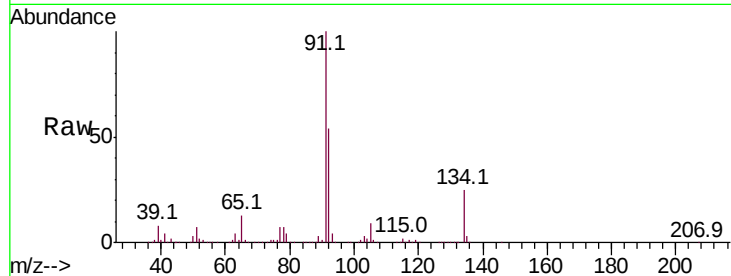
#89
n-Butylbenzene
Concen: 49.696 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.3	81.8
134	24.2	12.3	36.9

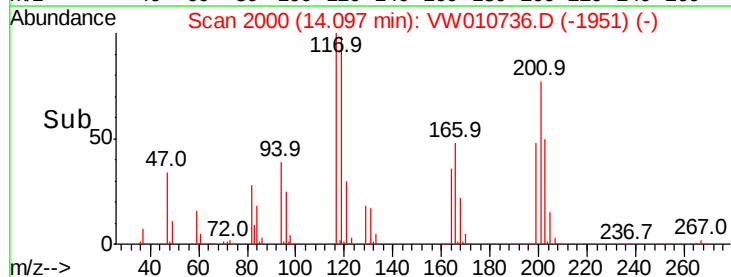
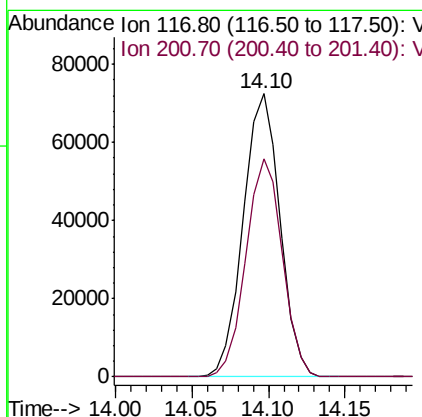
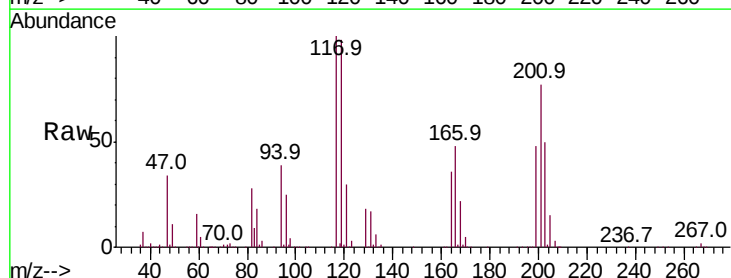
Manual Integrations
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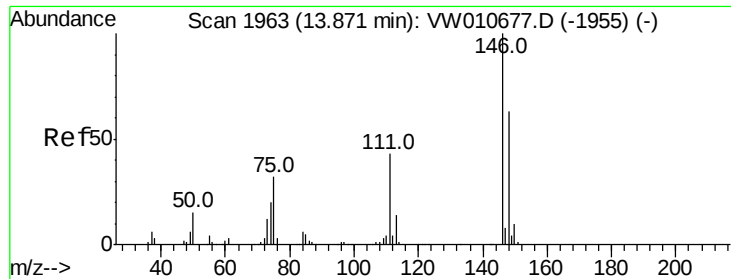
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#90
Hexachloroethane
Concen: 52.044 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.4	38.8	116.4





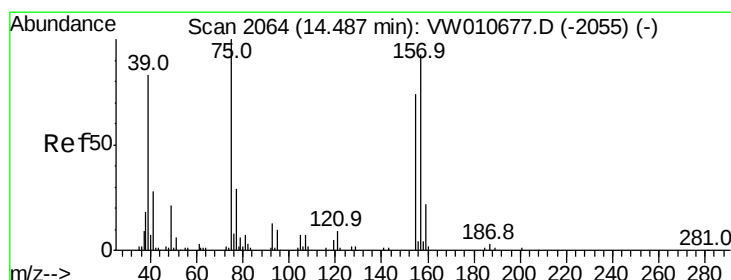
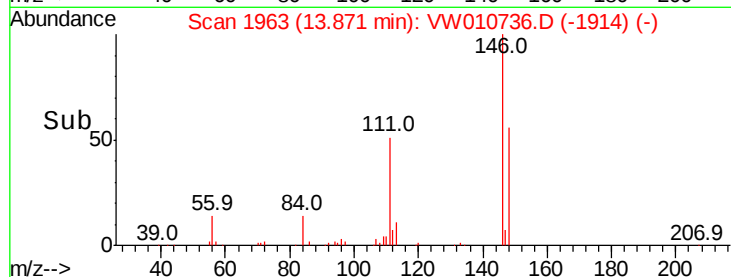
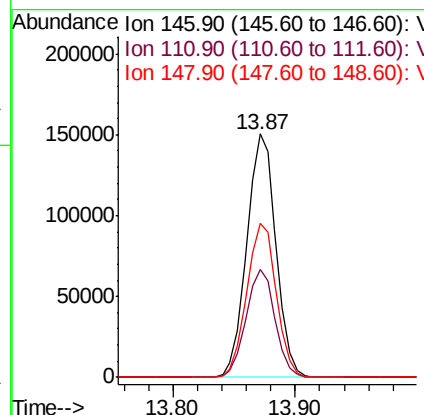
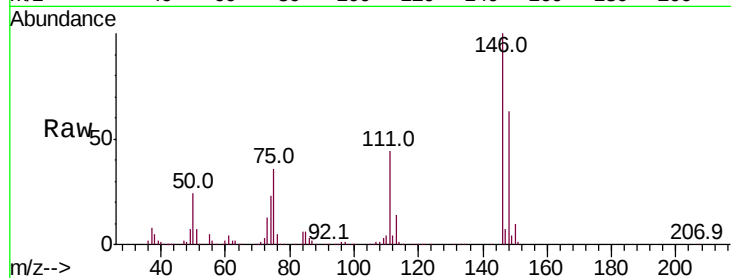
#91
 1,2-Dichlorobenzene
 Concen: 45.537 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.5	64.5
148	64.3	31.9	95.5

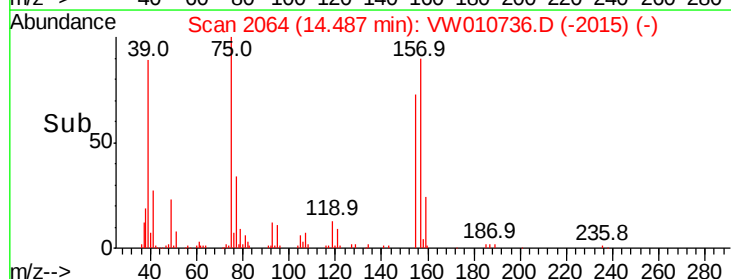
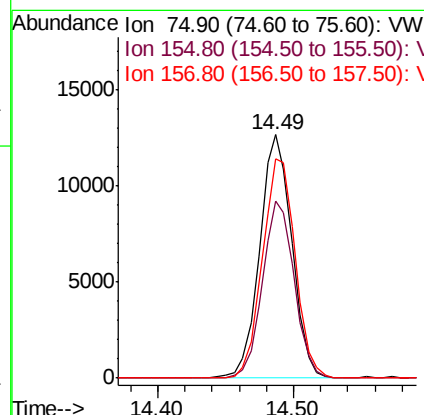
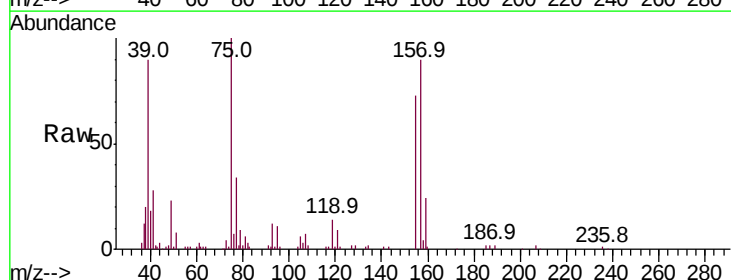
Manual Integrations
 APPROVED

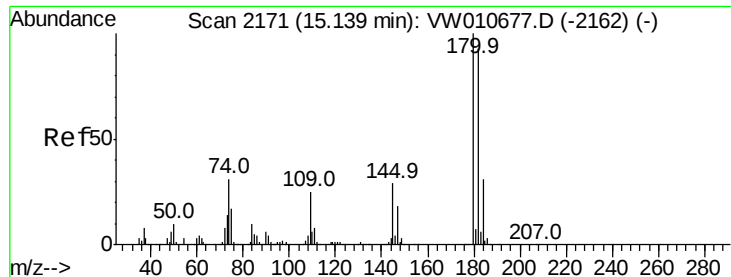
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.571 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.6	38.8	116.4
157	91.8	48.4	145.0





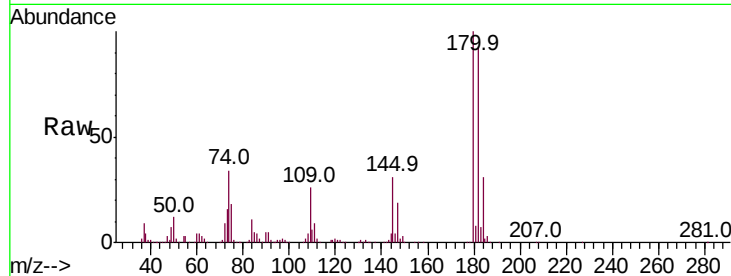
#93
 1,2,4-Trichlorobenzene
 Concen: 46.068 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	176114		
182	95.1	47.1	141.4	
145	30.8	15.2	45.5	

Manual Integrations
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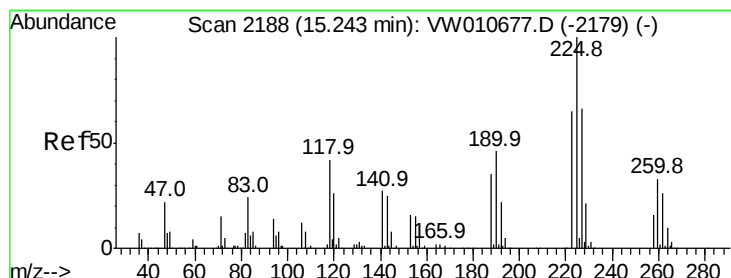
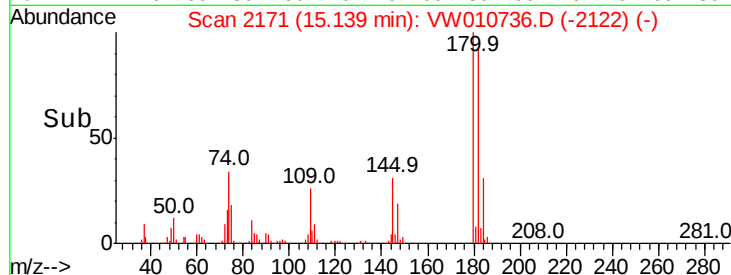
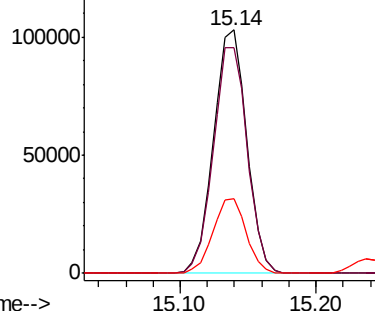


Abundance

Ion 179.80 (179.50 to 180.50): V

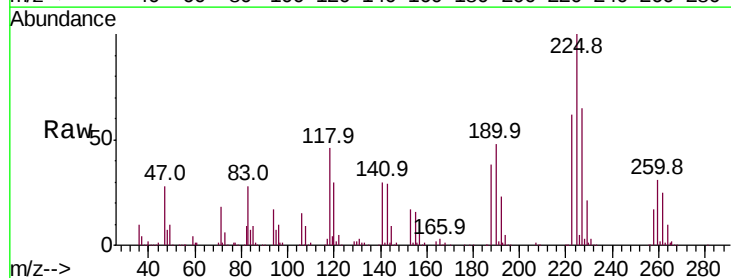
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 47.684 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	114407		
223	62.7	32.2	96.6	
227	63.6	32.0	96.0	

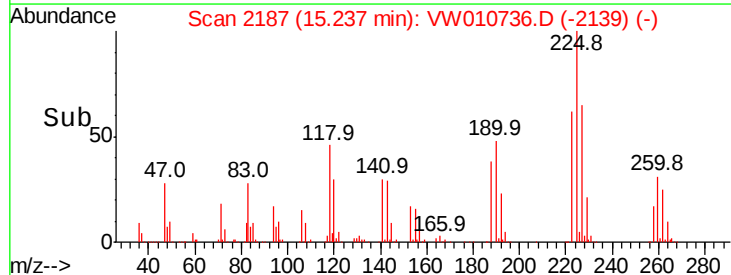
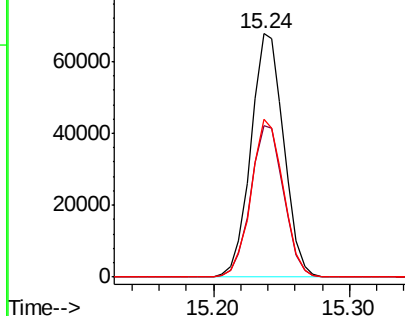


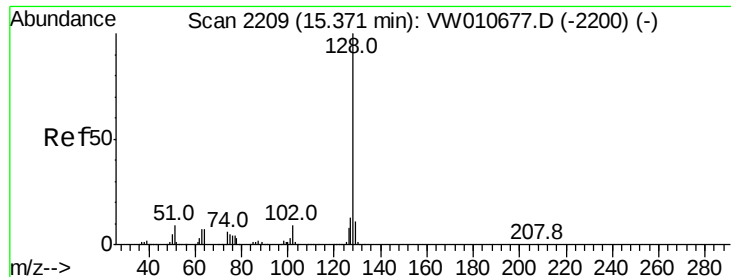
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





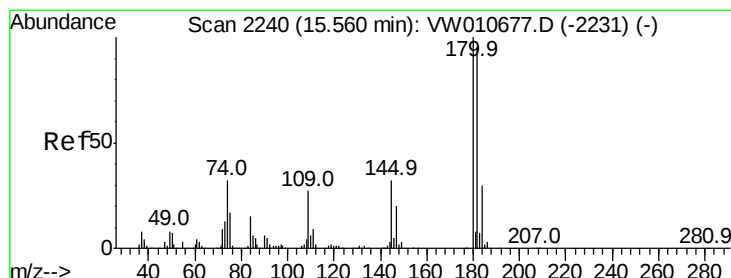
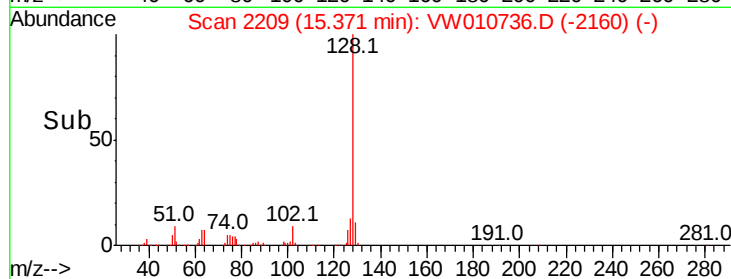
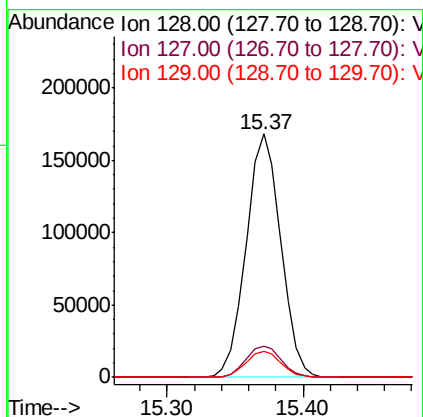
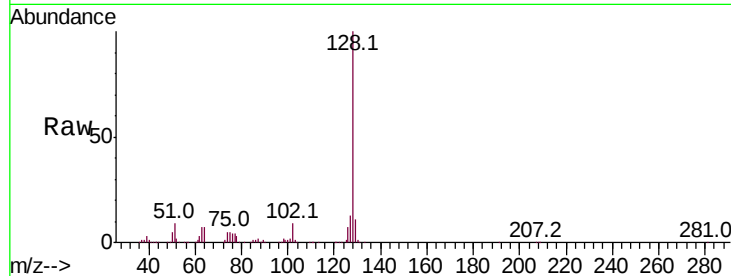
#95
Naphthalene
Concen: 43.240 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	300336
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 45.592 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion:	180	Resp:	148226
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.0	141.0
145	32.2	16.1	48.3

