

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061419\
 Data File : VW010806.D
 Acq On : 14 Jun 2019 11:17
 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
 6/17/2019 1:23:09 PM

Quant Time: Jun 14 15:57:38 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	241807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	140113	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	7.88	113	113267	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
50) Toluene-d8	10.32	98	476223	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.62	95	172056	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	95055	42.539	ug/l	99
3) Chloromethane	2.21	50	142485	43.340	ug/l	100
4) Vinyl Chloride	2.36	62	132243	43.537	ug/l	99
5) Bromomethane	2.76	94	71721	42.998	ug/l	98
6) Chloroethane	2.92	64	81516	44.709	ug/l	98
7) Trichlorofluoromethane	3.26	101	191869	48.662	ug/l	99
8) Diethyl Ether	3.69	74	62992	44.705	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	118106	48.721	ug/l	99
10) Methyl Iodide	4.27	142	108799	44.186	ug/l	98
11) Tert butyl alcohol	5.18	59	52860	227.657	ug/l	97
12) 1,1-Dichloroethene	4.04	96	111765	47.795	ug/l	97
13) Acrolein	3.90	56	24798	261.358	ug/l	99
14) Allyl chloride	4.67	41	259568	50.342	ug/l	99
15) Acrylonitrile	5.37	53	147054	214.819	ug/l	100
16) Acetone	4.13	43	186361	244.030	ug/l	98
17) Carbon Disulfide	4.38	76	337456	45.459	ug/l	98
18) Methyl Acetate	4.67	43	69159	42.070	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	302664	44.876	ug/l	99
20) Methylene Chloride	4.92	84	123701	46.173	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	128481	48.399	ug/l	95
22) Diisopropyl ether	6.31	45	507124	49.127	ug/l	99
23) Vinyl Acetate	6.26	43	1469673	235.915	ug/l	99
24) 1,1-Dichloroethane	6.22	63	256199	49.525	ug/l	99
25) 2-Butanone	7.17	43	238281	225.017	ug/l	95
26) 2,2-Dichloropropane	7.17	77	225542	53.579	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	140952	48.248	ug/l	96
28) Bromochloromethane	7.51	49	119565	51.790	ug/l	96
29) Tetrahydrofuran	7.53	42	138620	208.116	ug/l	98
30) Chloroform	7.68	83	232743	49.188	ug/l	100
31) Cyclohexane	7.95	56	266302	46.309	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	209443	50.672	ug/l	100
36) 1,1-Dichloropropene	8.08	75	199232	49.622	ug/l	100
37) Ethyl Acetate	7.26	43	95749	43.036	ug/l	100
38) Carbon Tetrachloride	8.07	117	176619	50.958	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	247946	48.579	ug/l	99
40) Benzene	8.32	78	534139	48.766	ug/l	100
41) Methacrylonitrile	7.48	41	64042	48.427	ug/l	94
42) 1,2-Dichloroethane	8.40	62	165129	47.501	ug/l	99
43) Isopropyl Acetate	8.43	43	188783	43.920	ug/l	99
44) Trichloroethene	9.09	130	131494	48.668	ug/l	99
45) 1,2-Dichloropropane	9.37	63	141977	48.967	ug/l	99
46) Dibromomethane	9.46	93	61746	45.849	ug/l	99
47) Bromodichloromethane	9.65	83	172435	49.395	ug/l	98
48) Methyl methacrylate	9.43	41	93281	45.011	ug/l	99
49) 1,4-Dioxane	9.45	88	16791	797.475	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	478484	217.901	ug/l	99
52) Toluene	10.39	92	328859	48.798	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	180141	48.719	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	217066	49.889	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	88019	45.369	ug/l	99
56) Ethyl methacrylate	10.65	69	134350	45.004	ug/l	97
57) 1,3-Dichloropropane	10.93	76	168751	46.155	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	395232	252.769	ug/l	99
59) 2-Hexanone	10.97	43	353097	222.492	ug/l	98
60) Dibromochloromethane	11.13	129	102024	47.439	ug/l	99
61) 1,2-Dibromoethane	11.24	107	82306	44.776	ug/l	99
64) Tetrachloroethene	10.86	164	109002	48.135	ug/l	96
65) Chlorobenzene	11.66	112	330033	49.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	116857	50.332	ug/l	100
67) Ethyl Benzene	11.73	91	654279	50.760	ug/l	99
68) m/p-Xylenes	11.84	106	462951	100.332	ug/l	99
69) o-Xylene	12.16	106	216422	49.455	ug/l	97
70) Styrene	12.18	104	373180	49.089	ug/l	99
71) Bromoform	12.35	173	55008	45.812	ug/l	98
73) Isopropylbenzene	12.46	105	618298	51.185	ug/l	99
74) N-amyl acetate	12.27	43	179695	46.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	101988	44.349	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	91015m	53.916	ug/l	
77) Bromobenzene	12.75	156	128785	48.841	ug/l	98
78) n-propylbenzene	12.80	91	745109	51.155	ug/l	100
79) 2-Chlorotoluene	12.90	91	425525	51.135	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	500134	50.583	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34805	47.387	ug/l	99
82) 4-Chlorotoluene	12.99	91	435260	50.685	ug/l	99
83) tert-Butylbenzene	13.21	119	428299	51.041	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	501378	50.391	ug/l	99
85) sec-Butylbenzene	13.38	105	623453	51.030	ug/l	100
86) p-Isopropyltoluene	13.50	119	550047	50.345	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	252456	49.647	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	247505	49.097	ug/l	99
89) n-Butylbenzene	13.83	91	559394	51.316	ug/l	99
90) Hexachloroethane	14.10	117	103221	52.756	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	221856	48.515	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17820	45.125	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	160558	50.033	ug/l	99
94) Hexachlorobutadiene	15.24	225	102932	51.108	ug/l	98
95) Naphthalene	15.37	128	274078	47.008	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	137314	50.314	ug/l	100

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

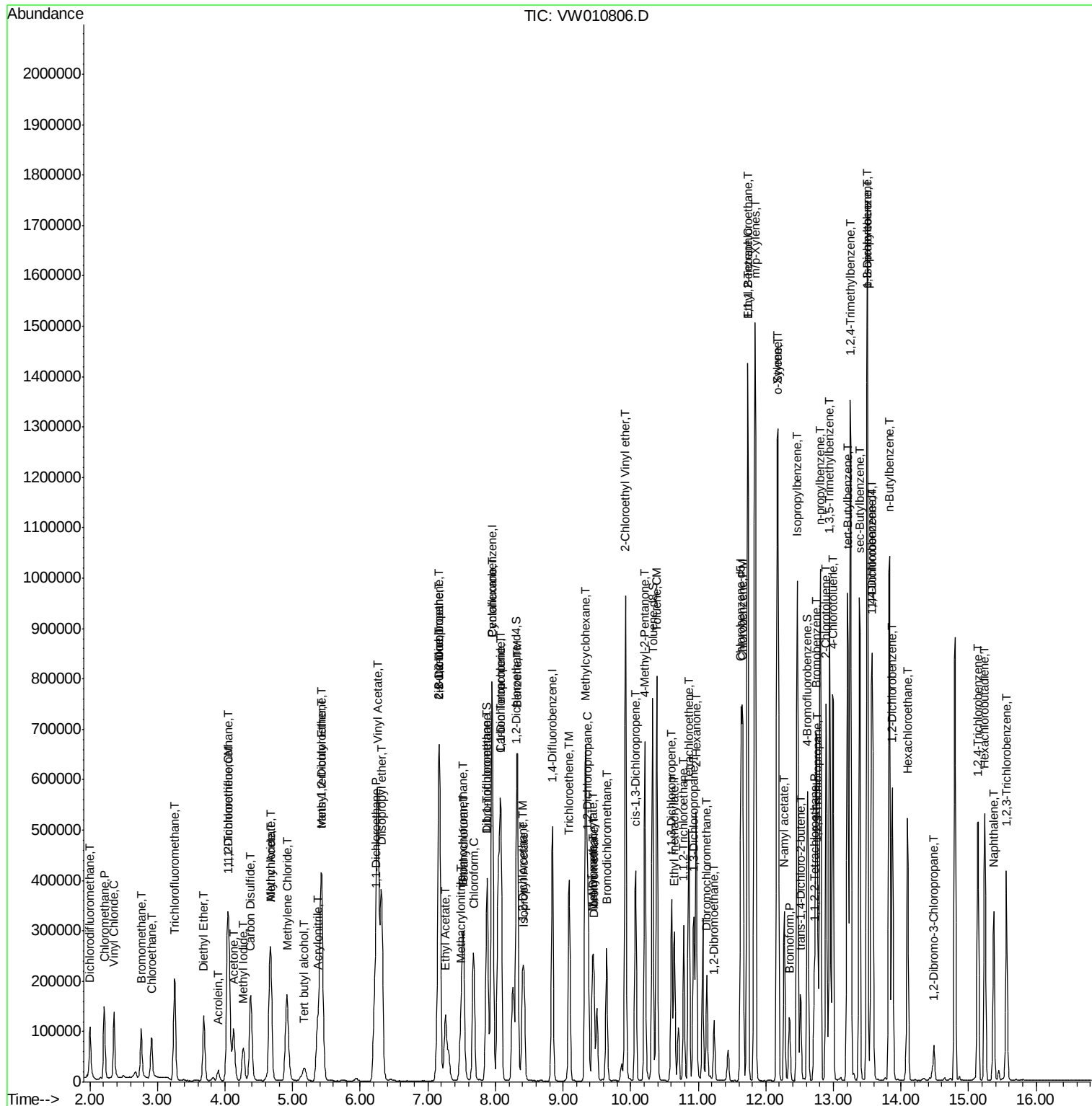
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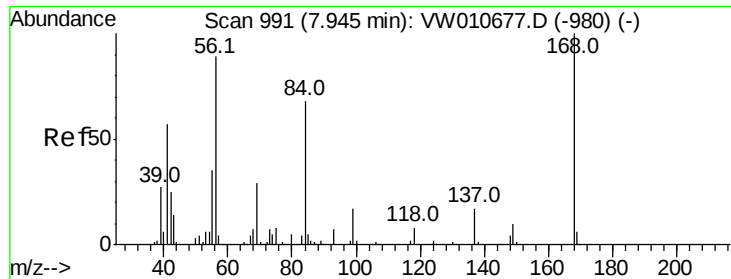
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 241807

Ion Ratio Lower Upper

168 100

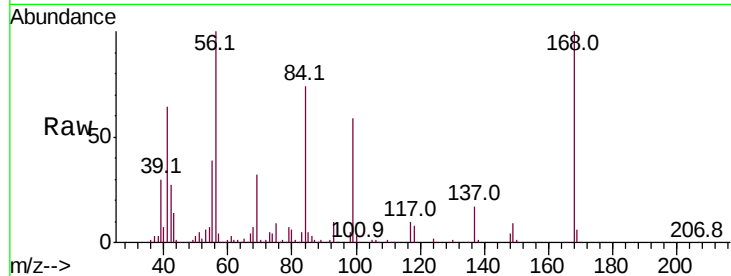
99 58.9 47.7 71.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

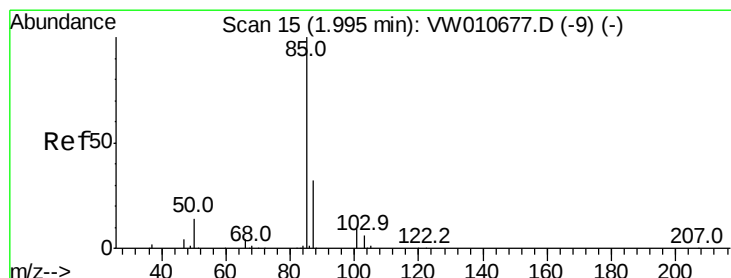
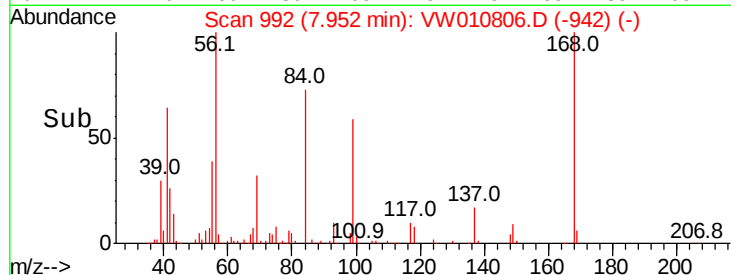
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 42.539 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW010806.D

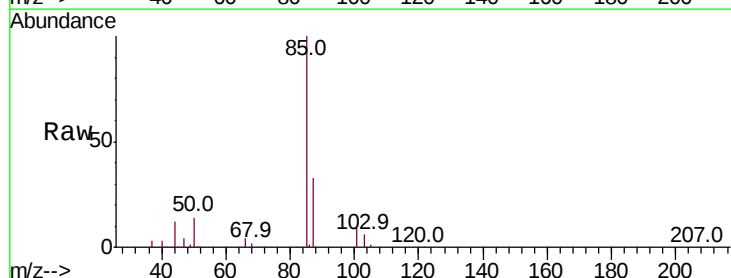
Acq: 14 Jun 2019 11:17

Tgt Ion: 85 Resp: 95055

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

30000

20000

10000

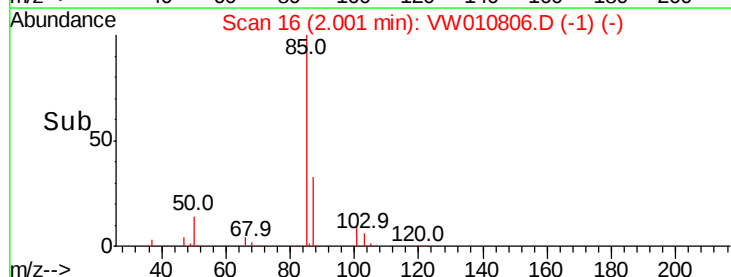
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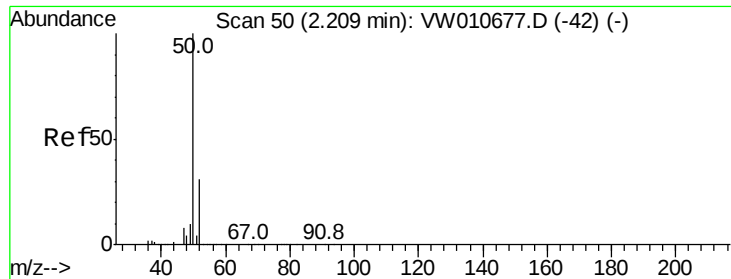
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 43.340 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 142485

Ion Ratio Lower Upper

50 100

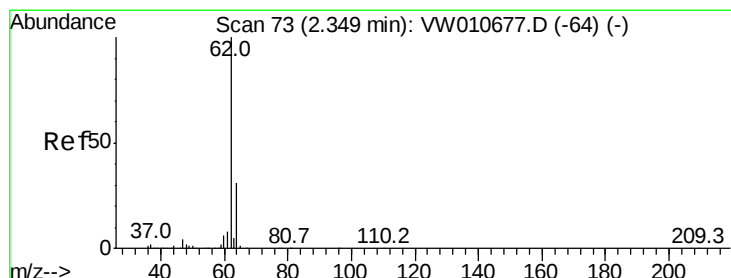
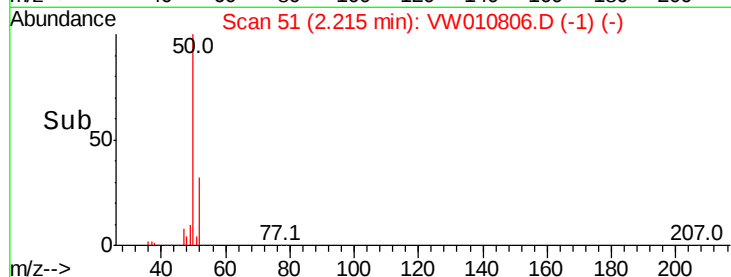
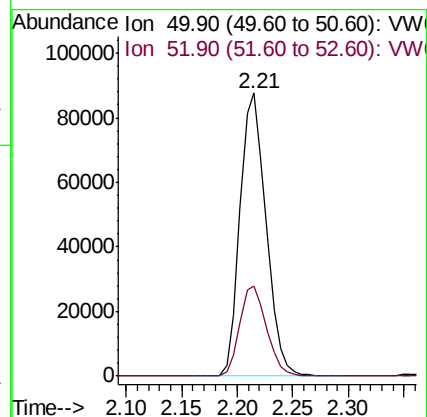
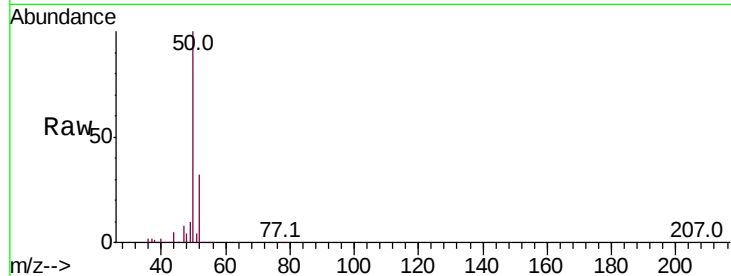
52 31.7 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.537 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010806.D

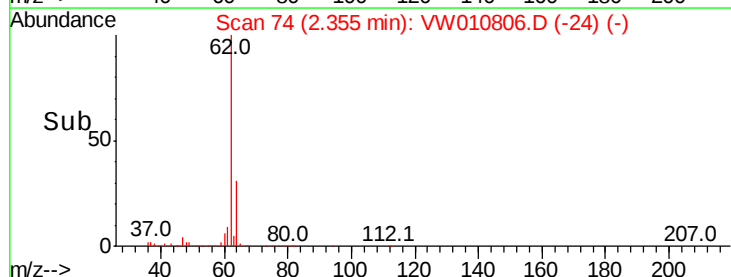
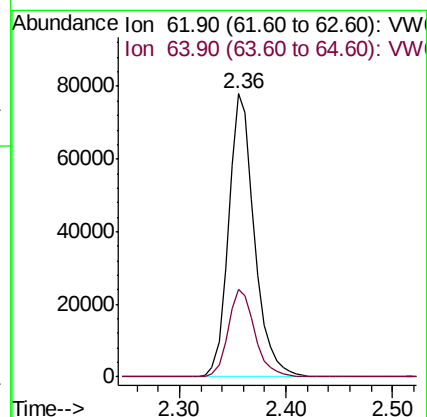
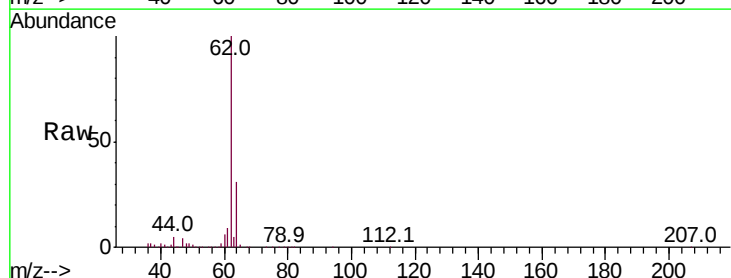
Acq: 14 Jun 2019 11:17

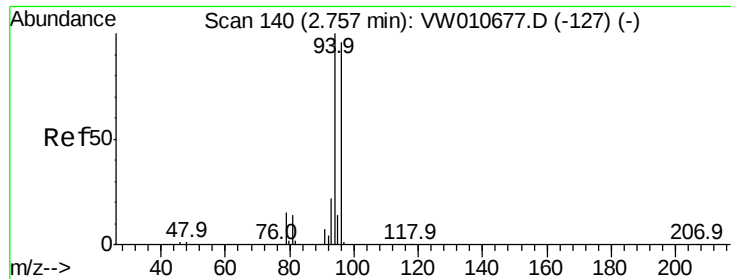
Tgt Ion: 62 Resp: 132243

Ion Ratio Lower Upper

62 100

64 31.0 24.5 36.7





#5

Bromomethane

Concen: 42.998 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 71721

Ion Ratio Lower Upper

94 100

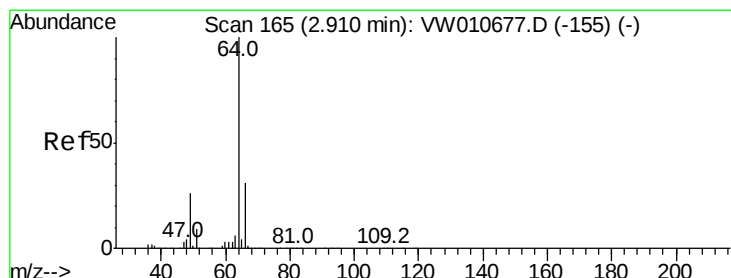
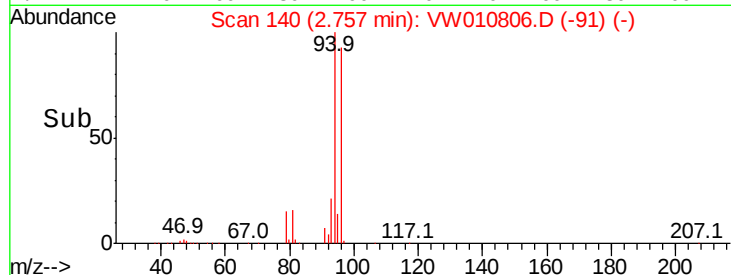
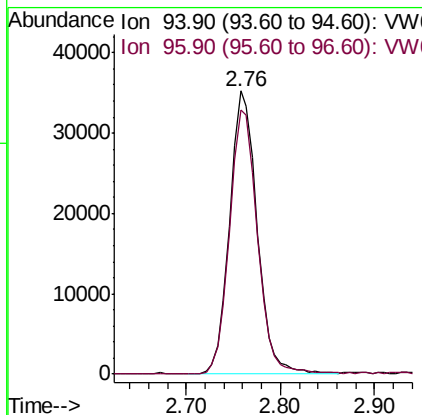
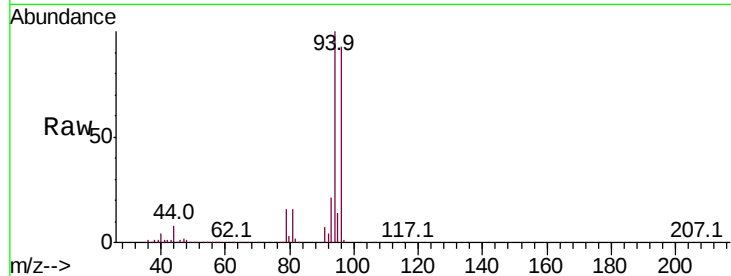
96 93.5 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 44.709 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.01 min

Lab File: VW010806.D

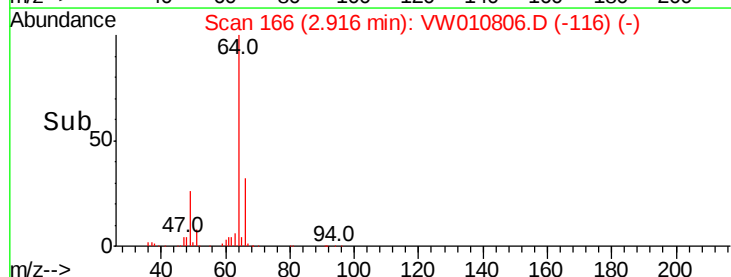
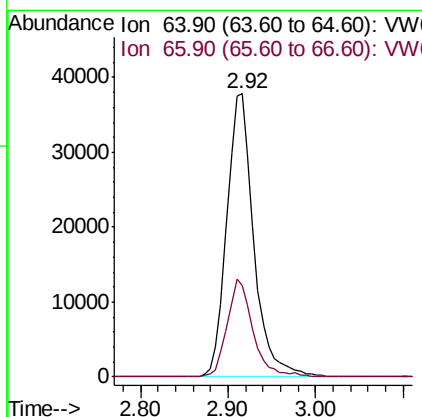
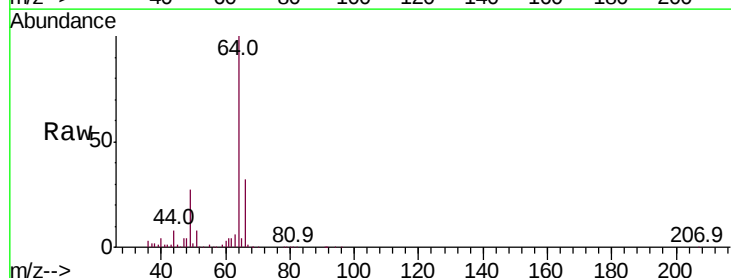
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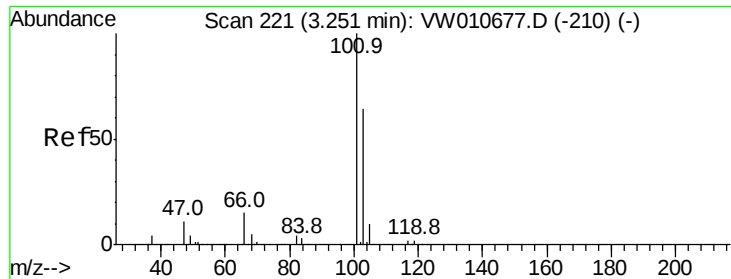
Tgt Ion: 64 Resp: 81516

Ion Ratio Lower Upper

64 100

66 32.5 25.1 37.7





#7

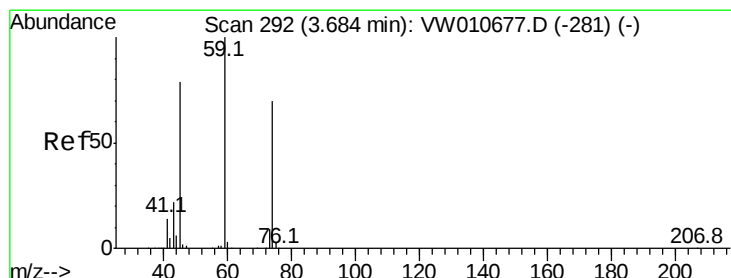
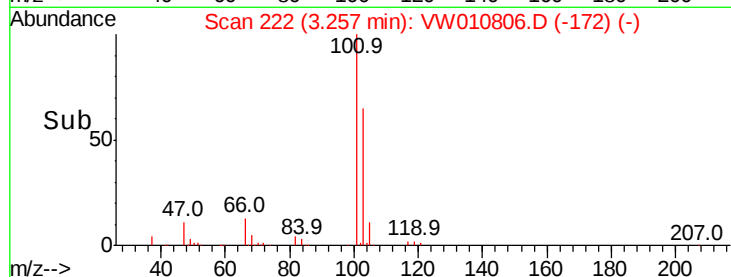
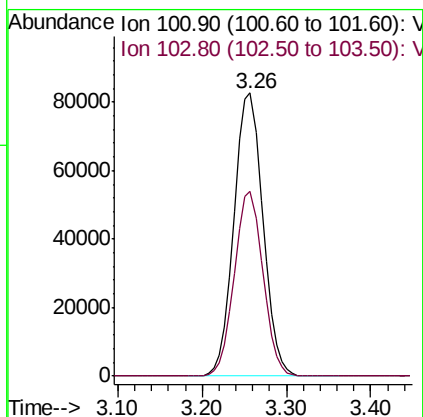
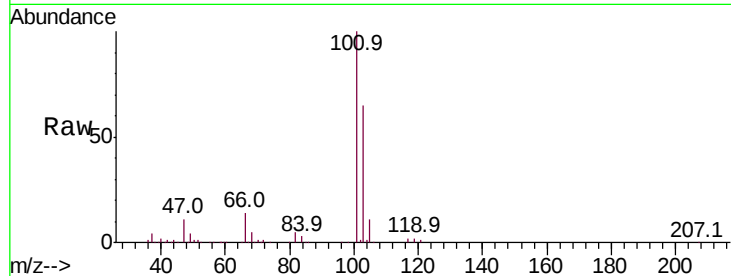
Trichlorofluoromethane
Concen: 48.662 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.01 min
Lab File: VW010806.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	191869		
103	65.1	51.2	76.8	

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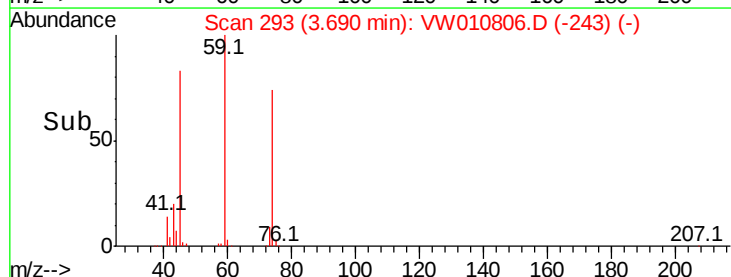
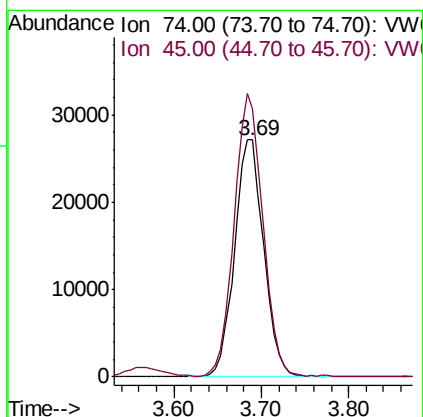
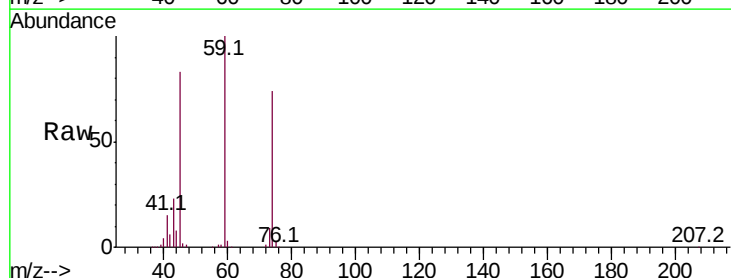
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6/17/2019 1:23:09 PM

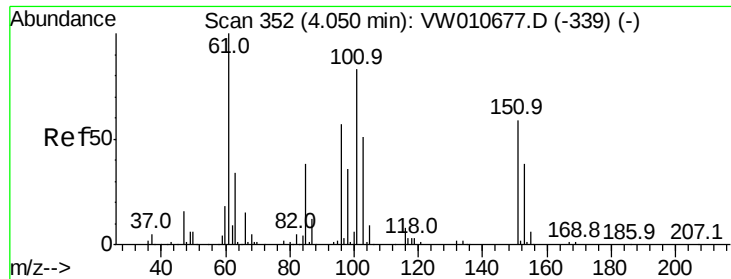


#8

Diethyl Ether
Concen: 44.705 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	62992		
45	117.1	56.9	170.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.721 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

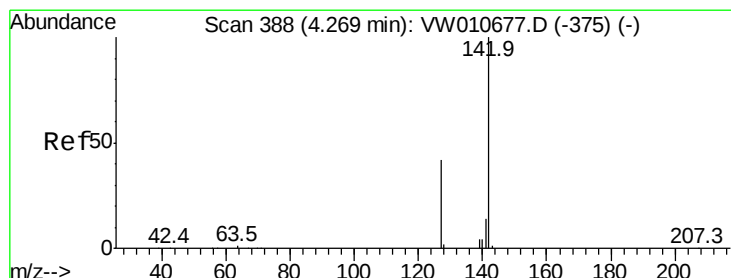
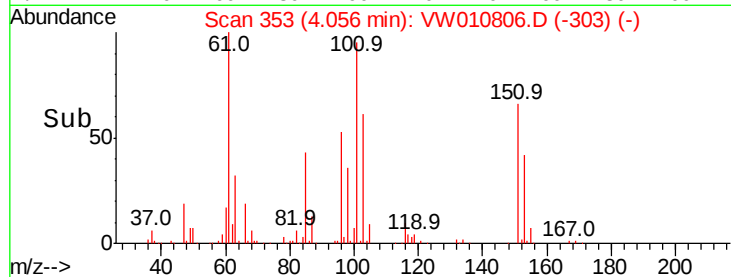
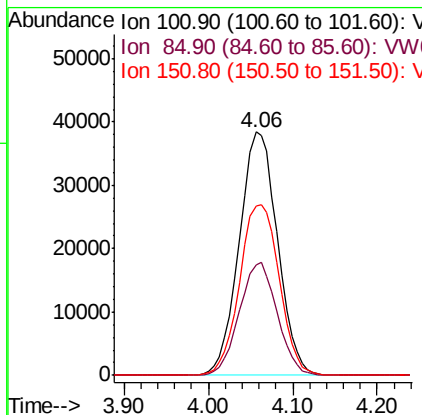
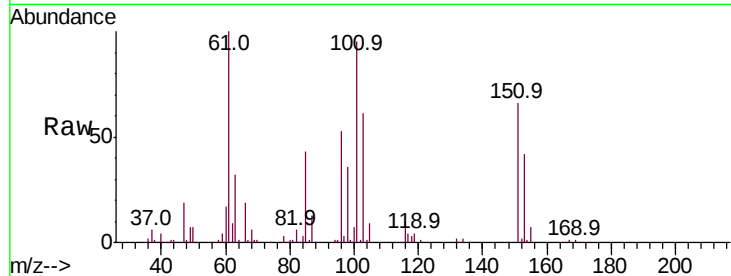
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	118106
Ion Ratio	Lower	Upper	
101	100		
85	45.9	35.8	53.8
151	72.9	58.1	87.1

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#10

Methyl Iodide

Concen: 44.186 ug/l

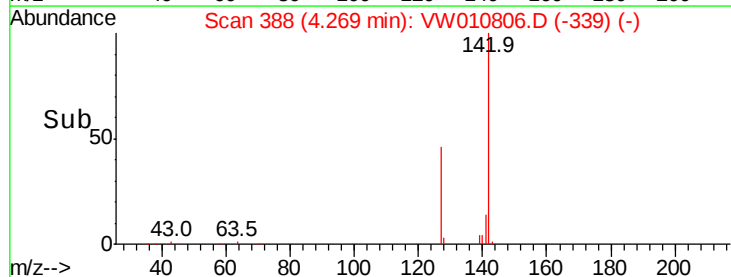
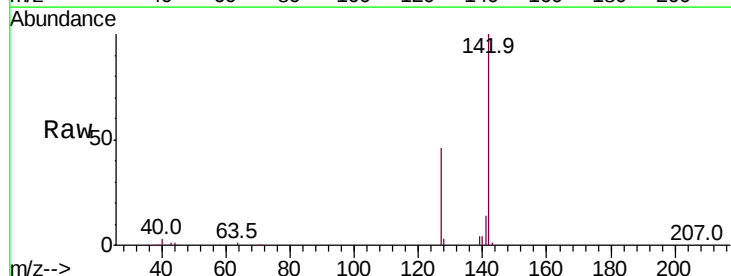
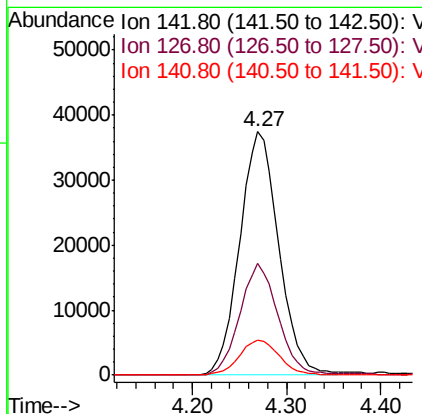
RT: 4.27 min Scan# 388

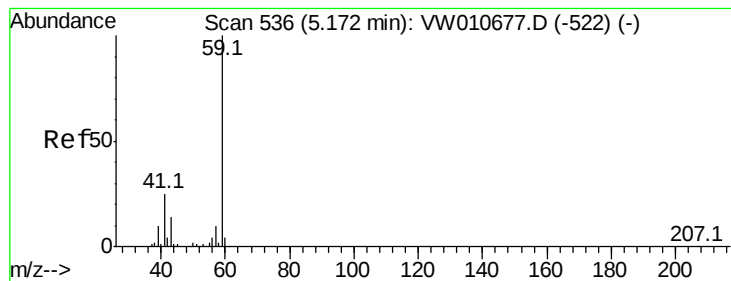
Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Tgt Ion:	142	Resp:	108799
Ion Ratio	Lower	Upper	
142	100		
127	44.6	34.6	51.8
141	14.8	11.6	17.4





#11

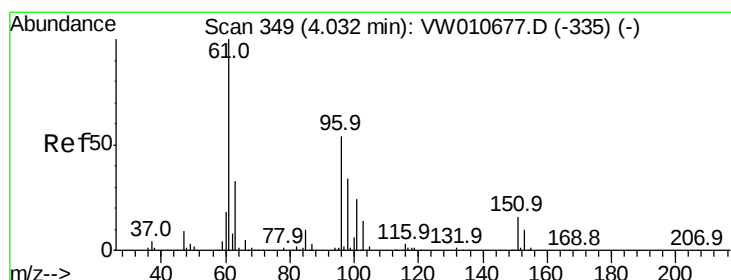
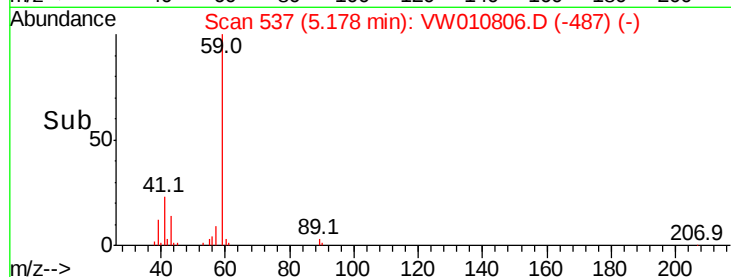
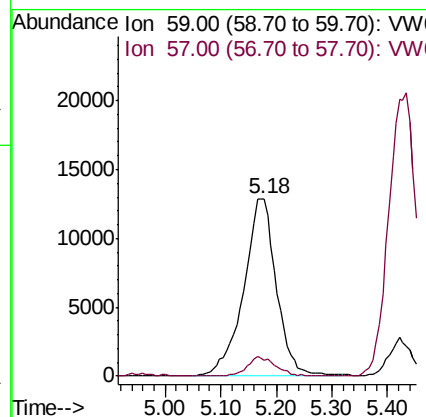
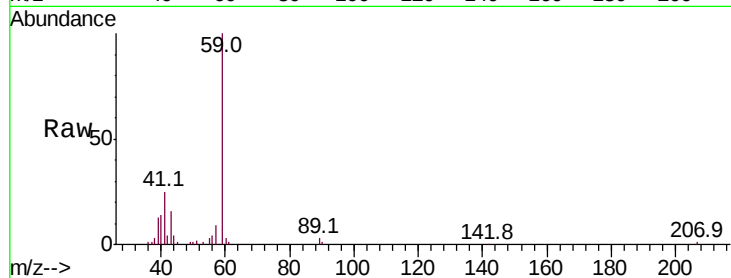
Tert butyl alcohol
Concen: 227.657 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.6	12.8

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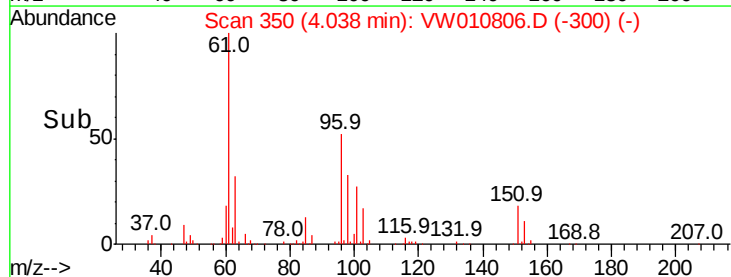
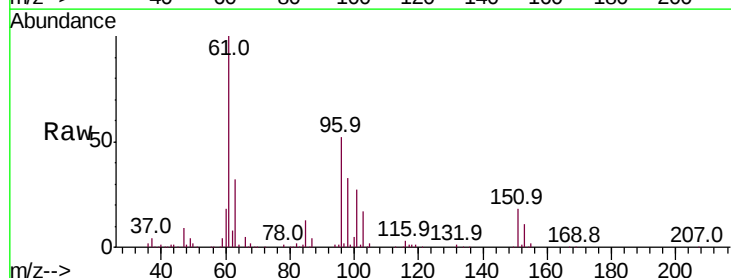
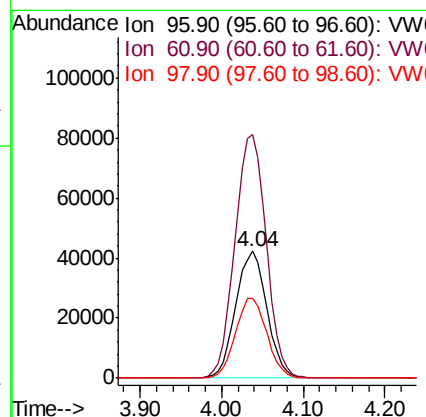
MMDadoda
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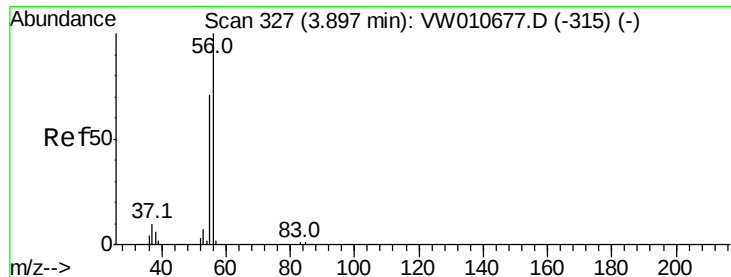


#12

1,1-Dichloroethene
Concen: 47.795 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	191.6	149.1	223.7
98	62.9	51.1	76.7





#13

Acrolein

Concen: 261.358 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 24798

Ion Ratio Lower Upper

56 100

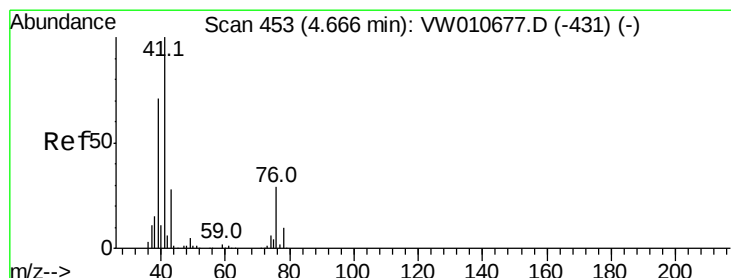
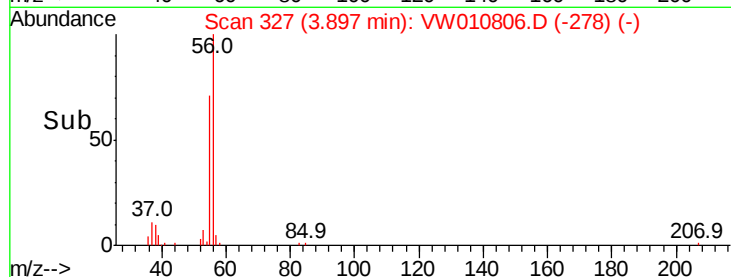
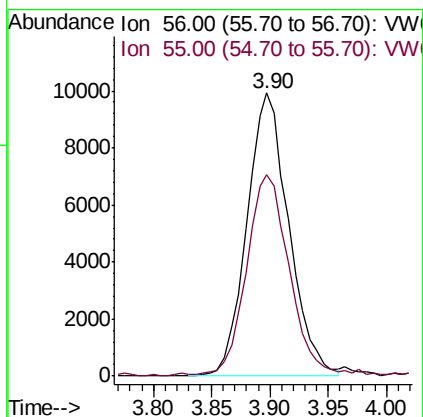
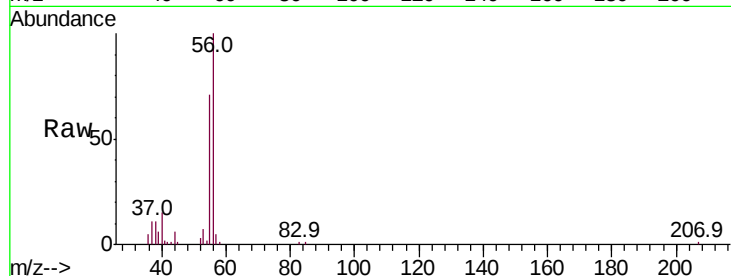
55 70.9 57.6 86.4

Manual Integrations

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#14

Allyl chloride

Concen: 50.342 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

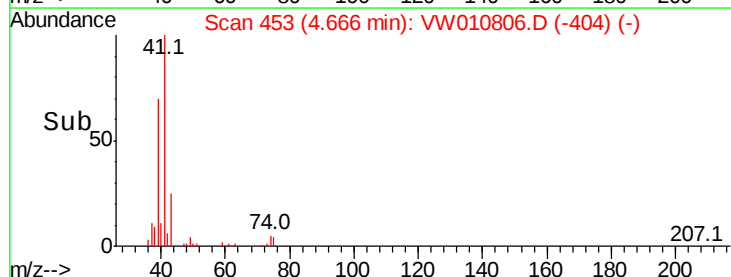
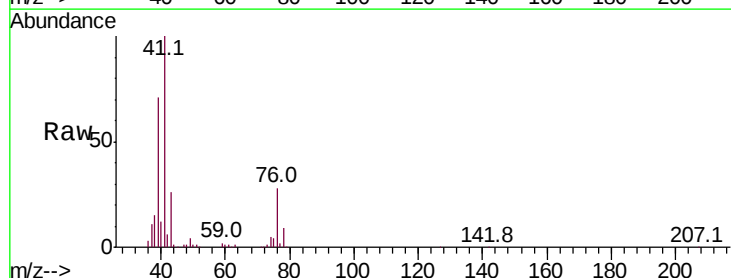
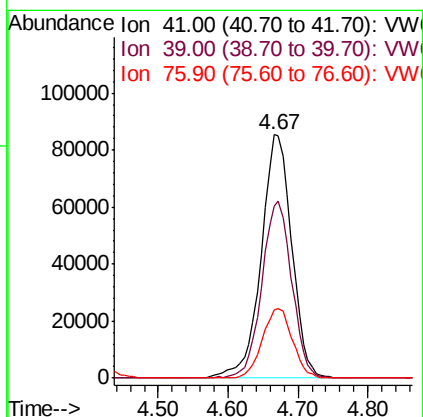
Tgt Ion: 41 Resp: 259568

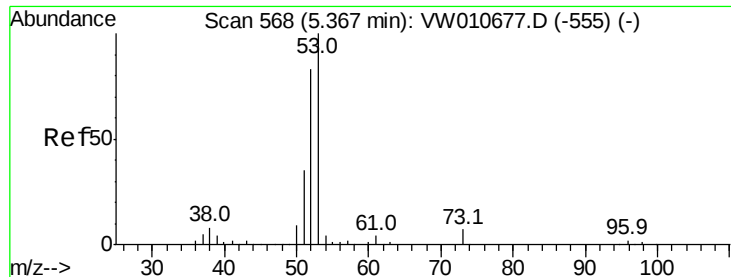
Ion Ratio Lower Upper

41 100

39 71.2 55.8 83.6

76 28.2 22.7 34.1





#15

Acrylonitrile

Concen: 214.819 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

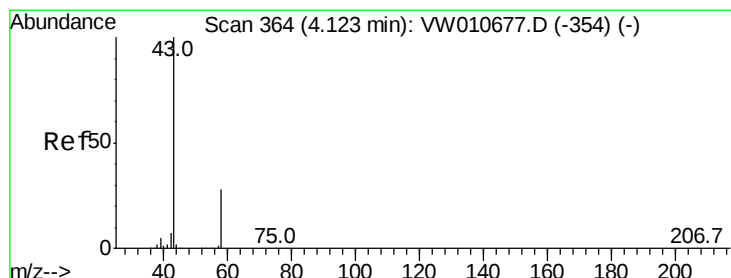
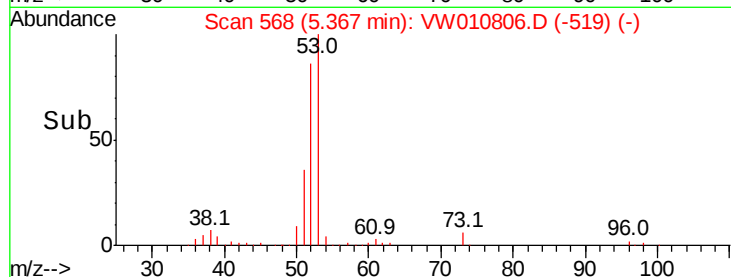
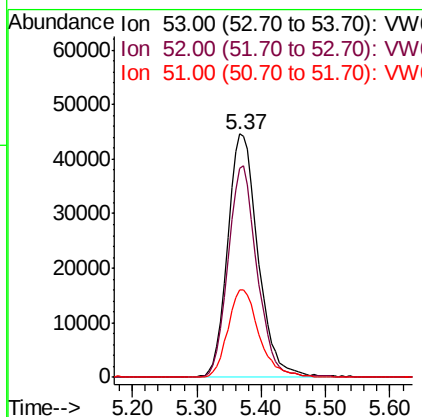
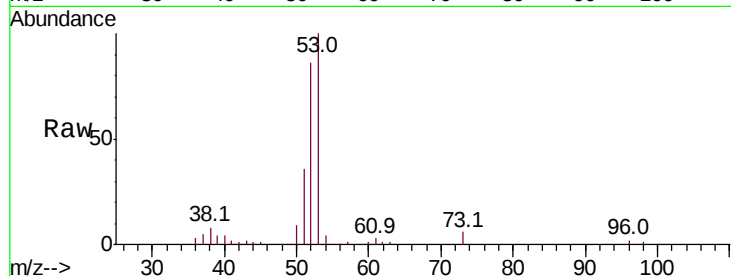
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	147054
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	100.0
51	37.3	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 244.030 ug/l

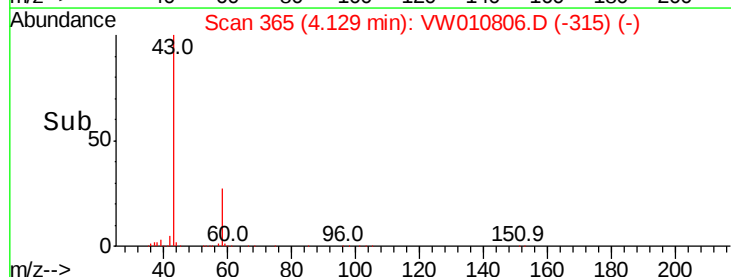
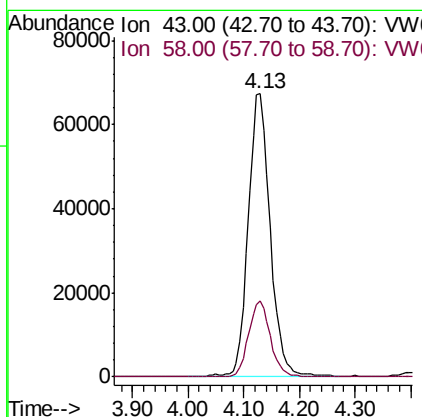
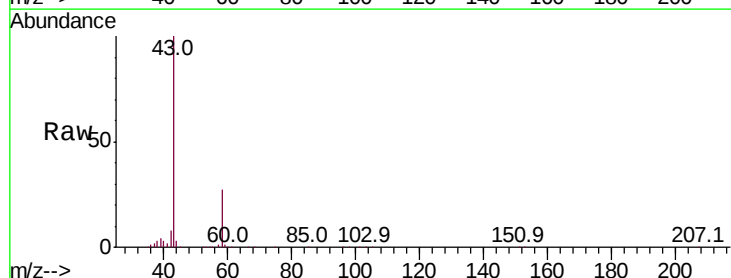
RT: 4.13 min Scan# 365

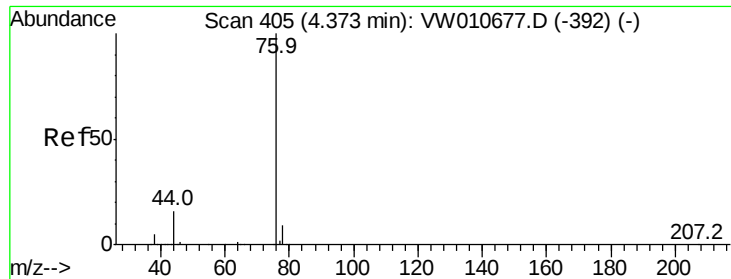
Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Tgt Ion:	43	Resp:	186361
Ion	Ratio	Lower	Upper
43	100		
58	26.8	22.1	33.1





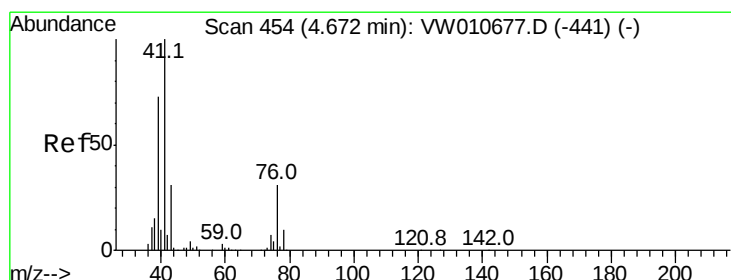
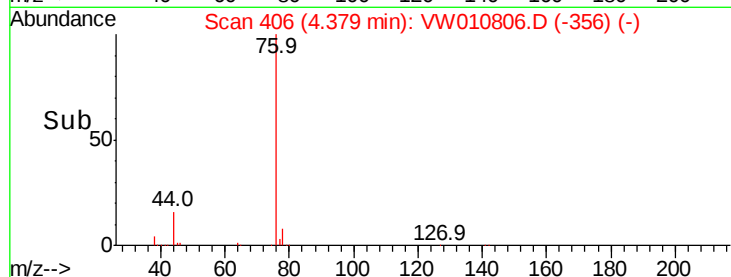
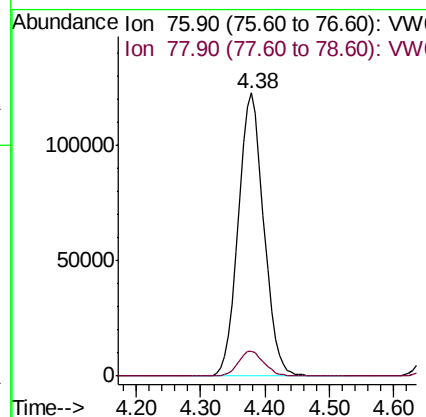
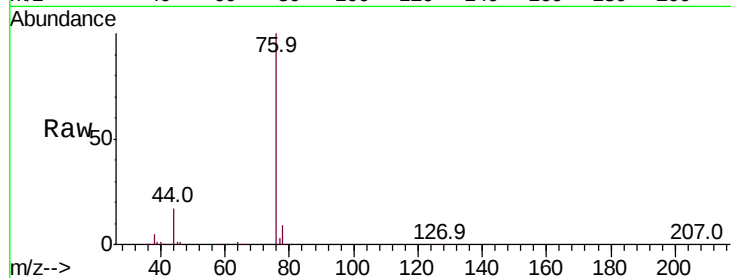
#17
Carbon Disulfide
Concen: 45.459 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3

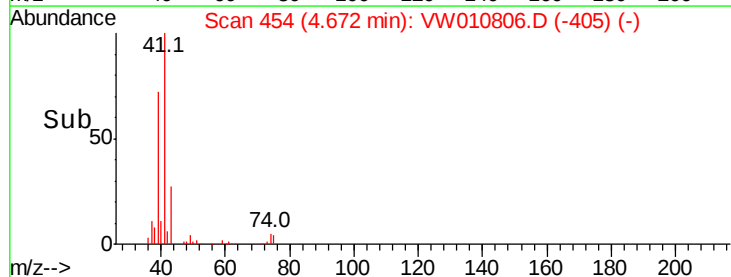
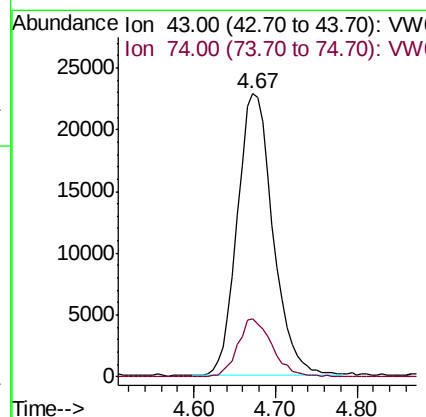
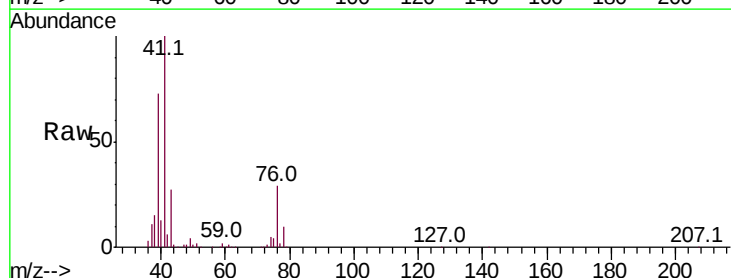
Manual Integrations
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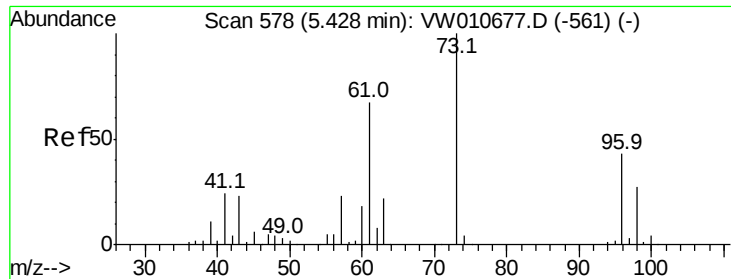
MMDadoda
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#18
Methyl Acetate
Concen: 42.070 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.7	16.7	25.1





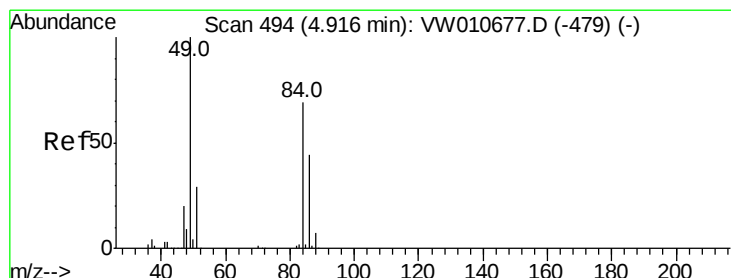
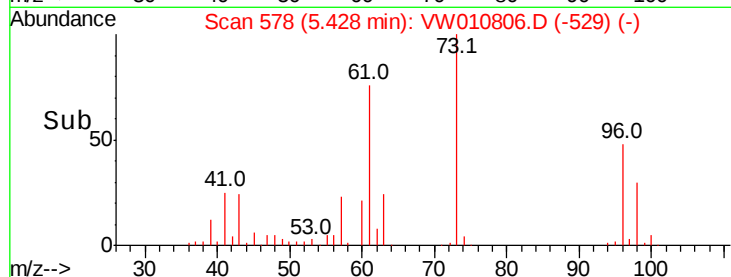
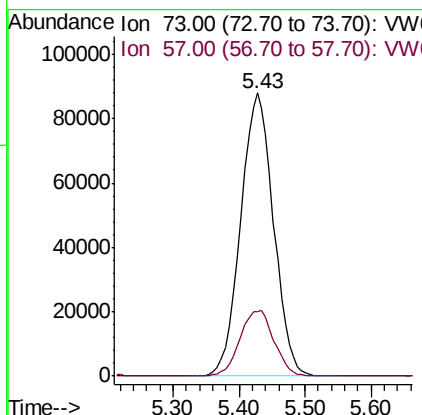
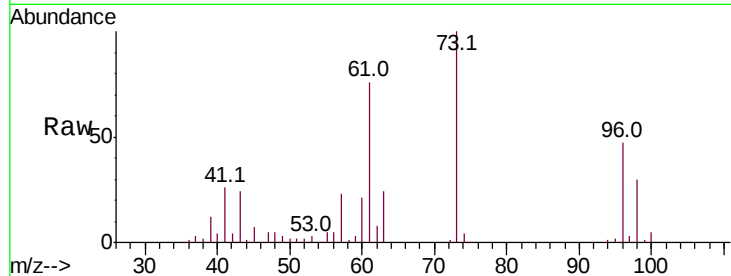
#19
Methvl tert-butvl Ether
Concen: 44.876 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.6	27.8

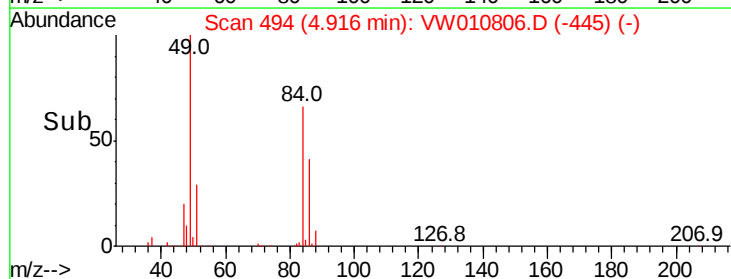
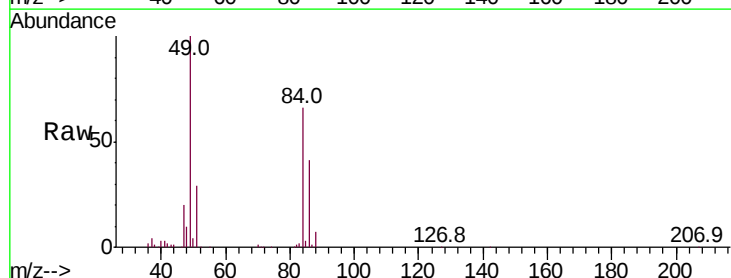
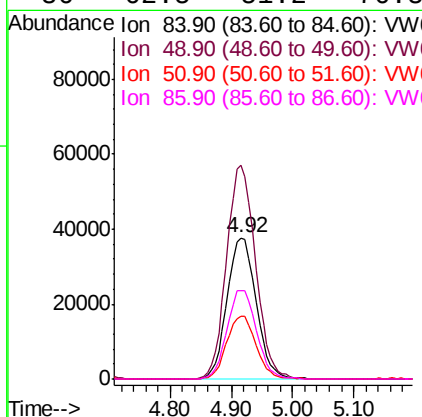
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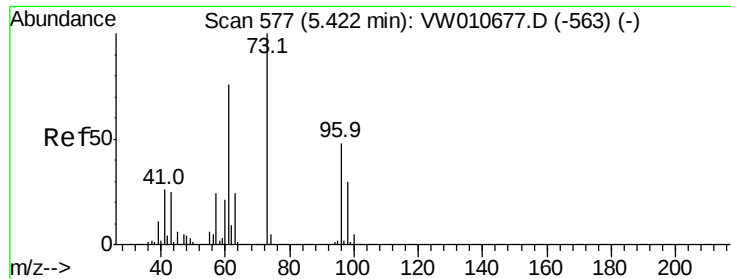
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#20
Methylene Chloride
Concen: 46.173 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	151.3	116.7	175.1
51	44.2	34.2	51.2
86	62.5	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 48.399 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

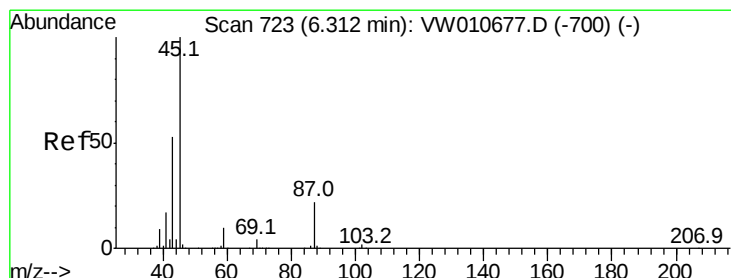
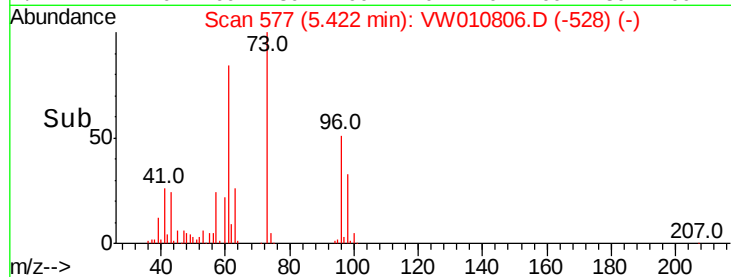
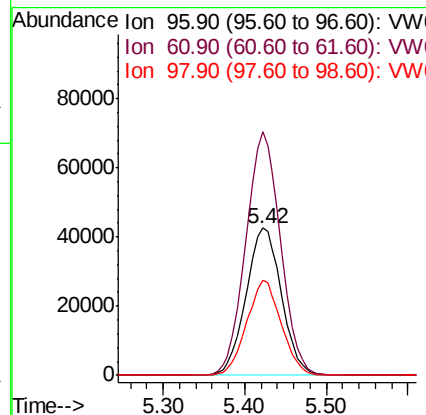
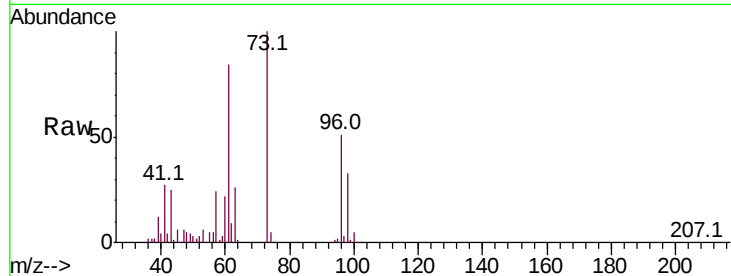
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	128481
Ion	Ratio	Lower	Upper
96	100		
61	165.3	126.0	189.0
98	64.2	49.6	74.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.127 ug/l

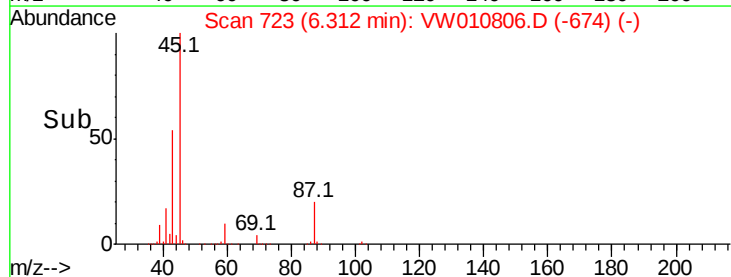
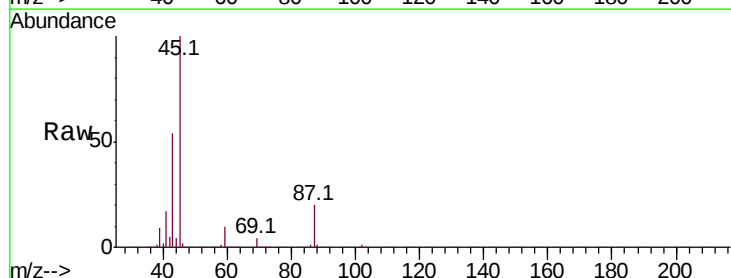
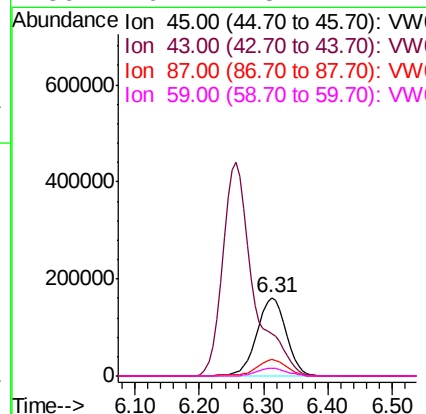
RT: 6.31 min Scan# 723

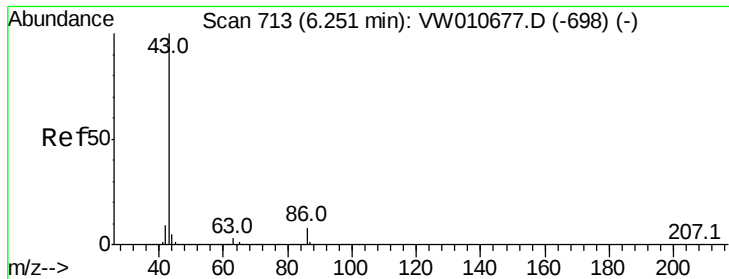
Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Tgt Ion:	45	Resp:	507124
Ion	Ratio	Lower	Upper
45	100		
43	53.9	42.5	63.7
87	20.4	17.4	26.2
59	10.1	8.1	12.1





#23

Vinyl Acetate

Concen: 235.915 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1469673

Ion Ratio Lower Upper

43 100

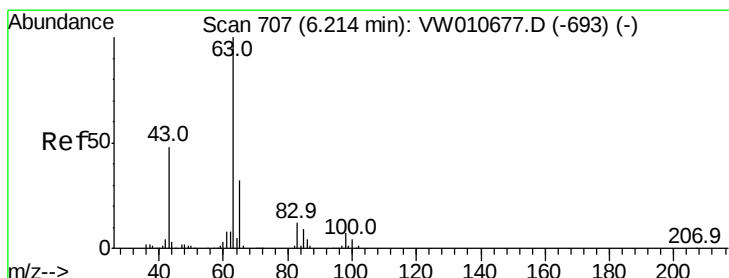
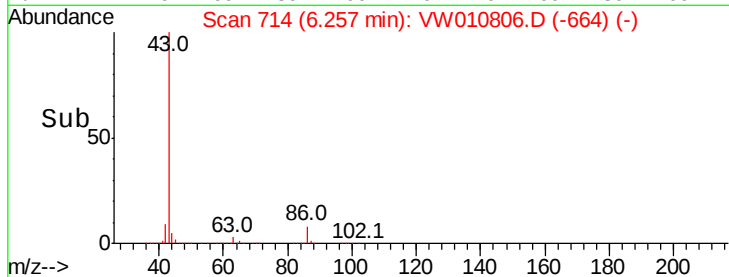
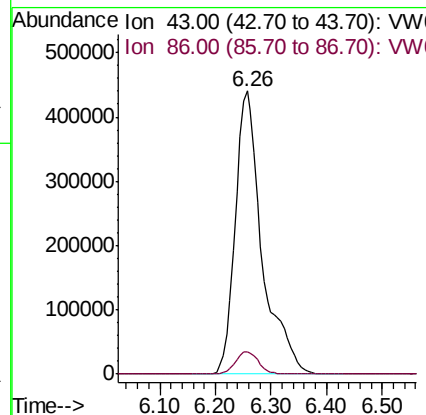
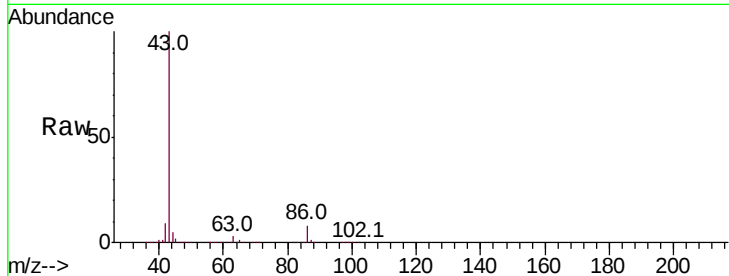
86 8.1 6.6 10.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.525 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

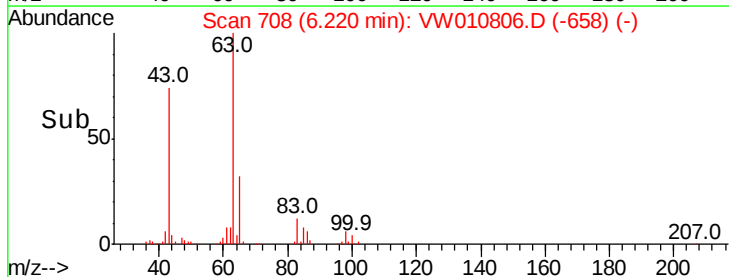
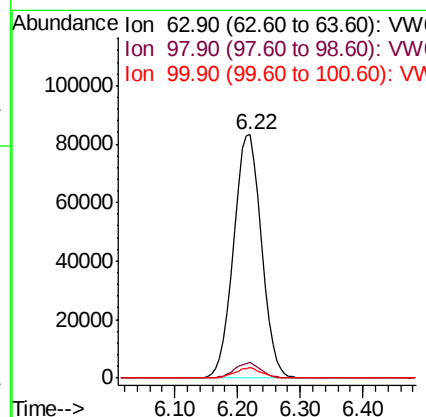
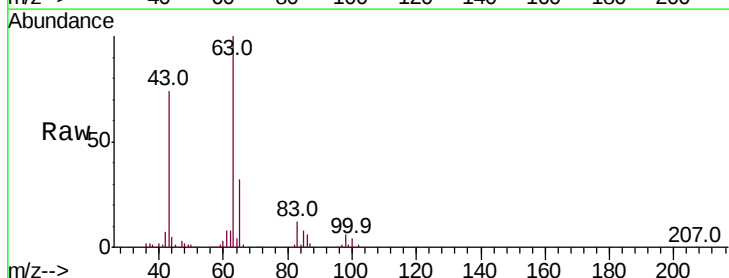
Tgt Ion: 63 Resp: 256199

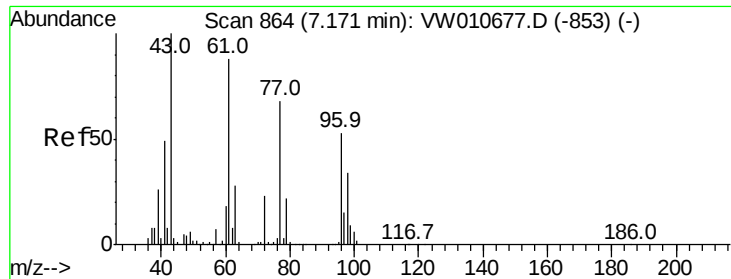
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 225.017 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 238281

Ion Ratio Lower Upper

43 100

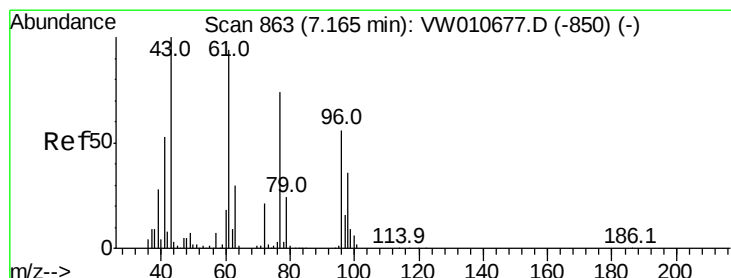
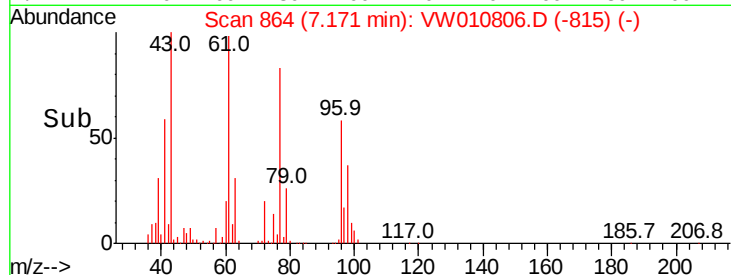
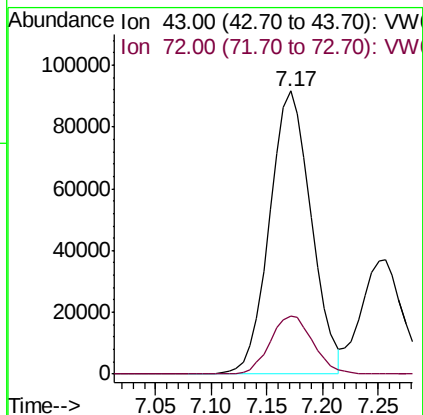
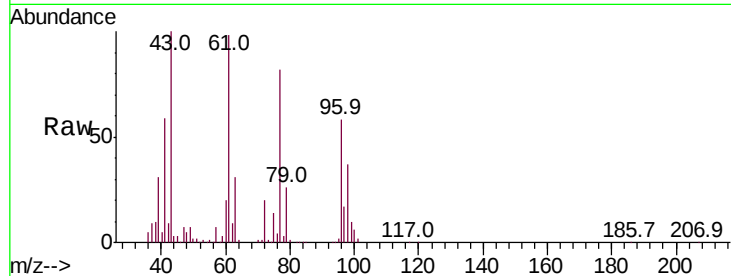
72 20.4 18.1 27.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.579 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010806.D

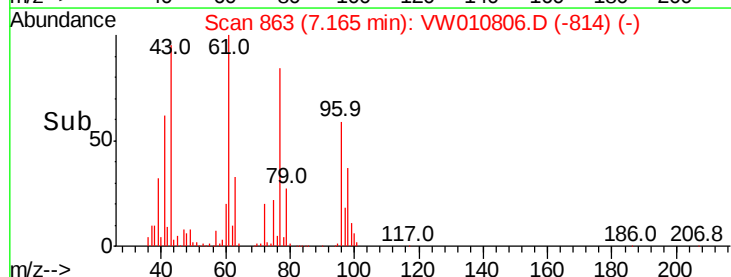
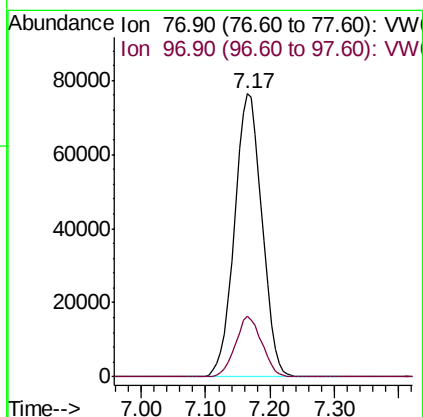
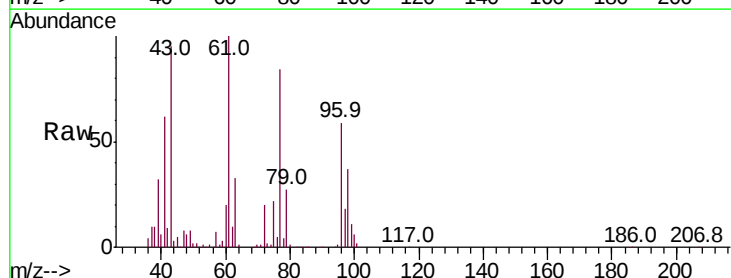
Acq: 14 Jun 2019 11:17

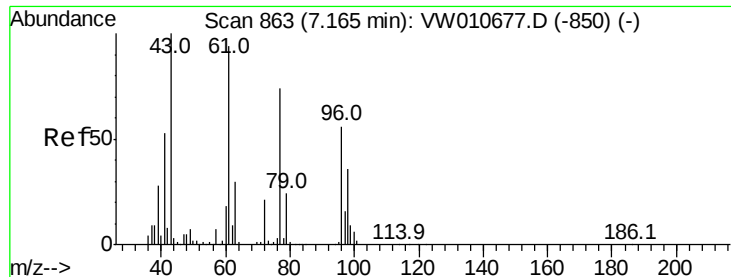
Tgt Ion: 77 Resp: 225542

Ion Ratio Lower Upper

77 100

97 20.6 10.5 31.6





#27

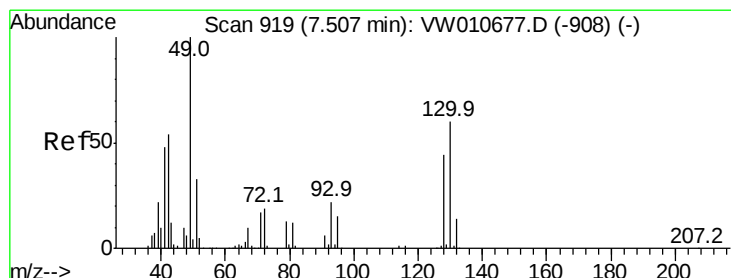
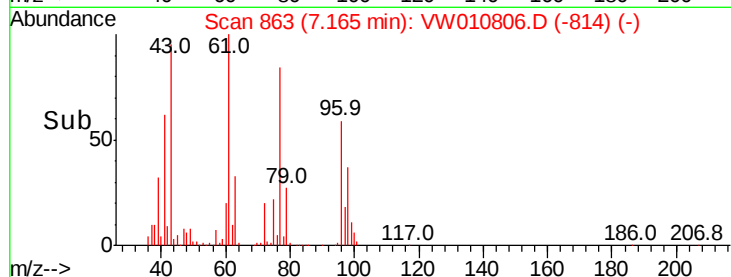
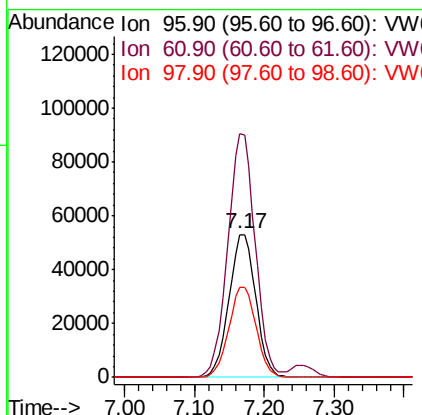
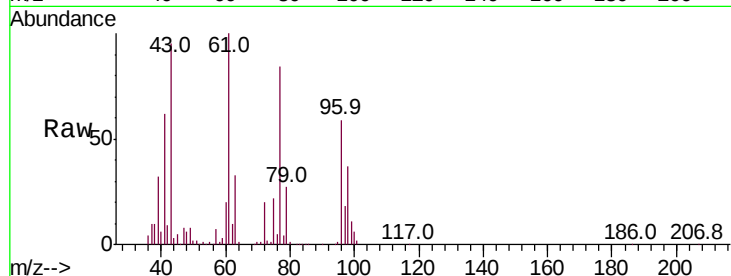
cis-1,2-Dichloroethene
Concen: 48.248 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	174.5	0.0	336.4	
98	64.5	0.0	128.0	

Manual Integrations
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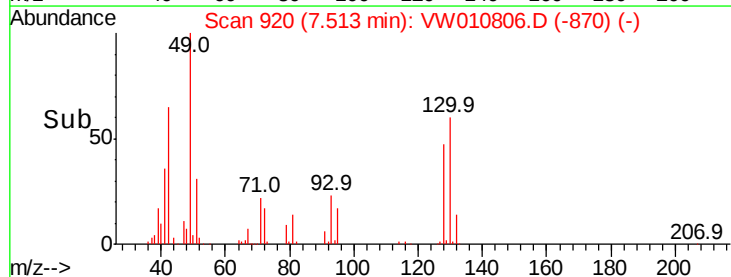
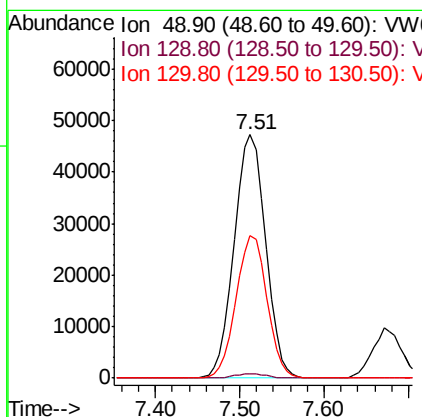
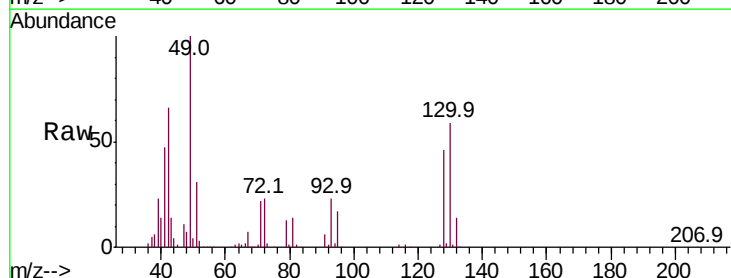
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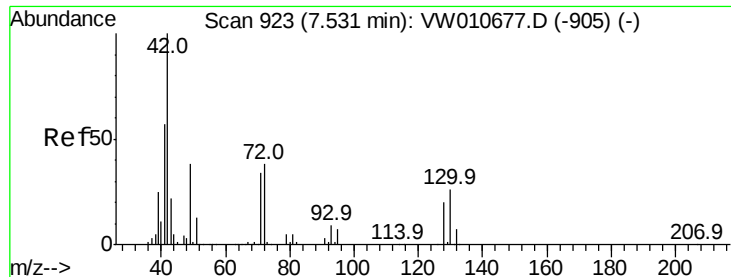


#28

Bromochloromethane
Concen: 51.790 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.2	
130	57.4	48.3	72.5	





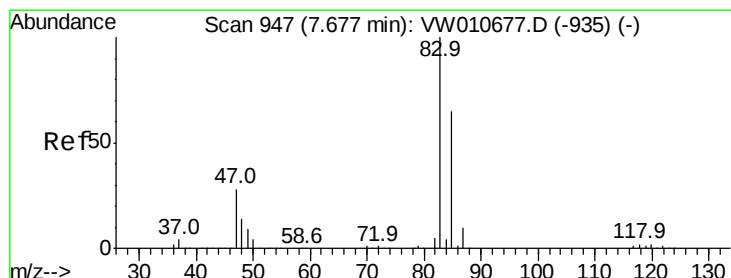
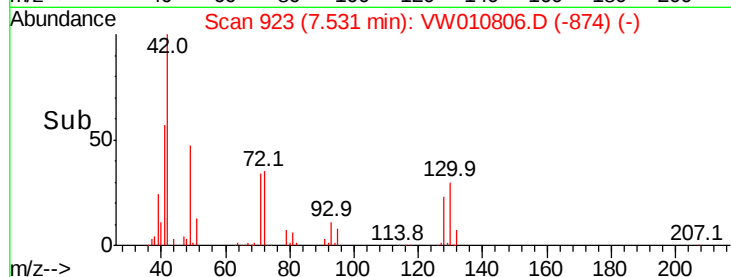
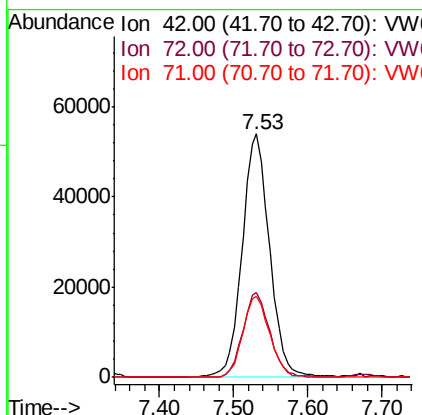
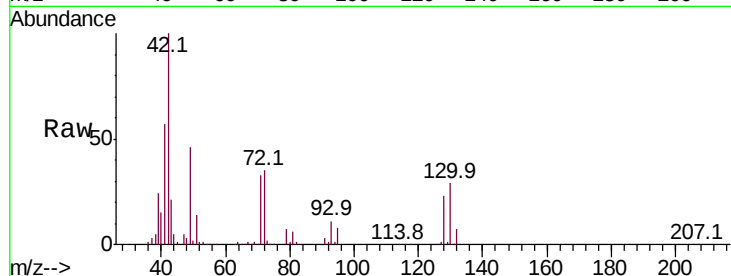
#29
Tetrahydrofuran
Concen: 208.116 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.4	28.7	43.1
71	33.0	26.6	39.8

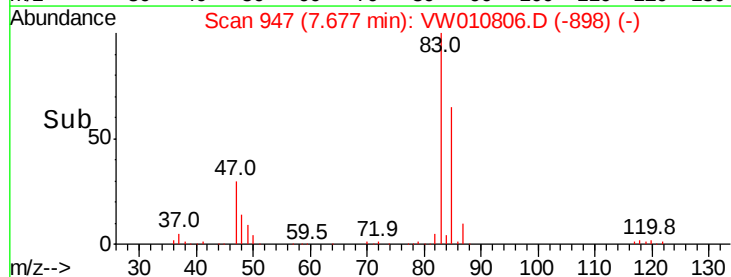
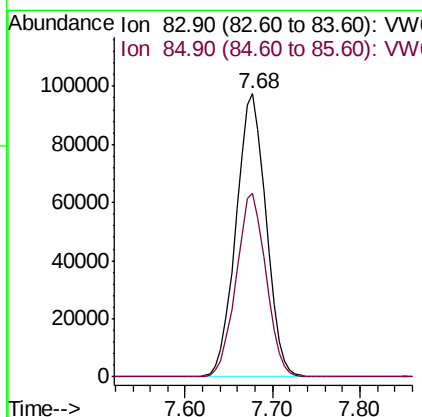
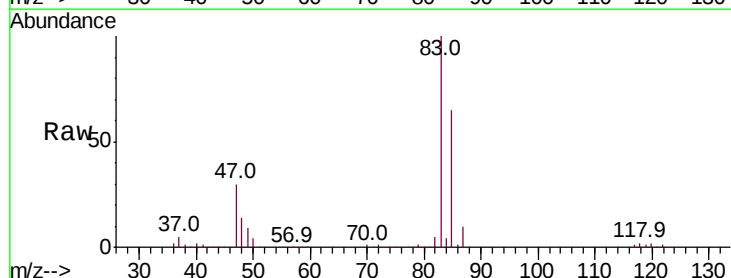
Manual Integrations
APPROVED

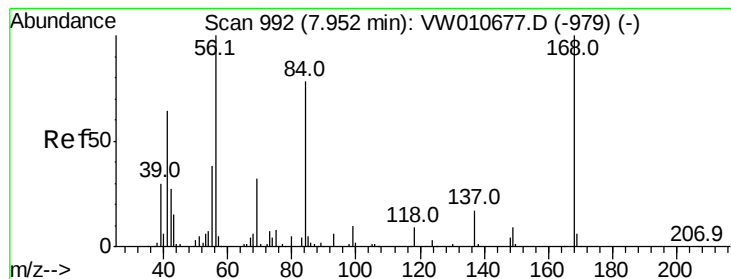
MMDadoda
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#30
Chloroform
Concen: 49.188 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.8





#31

Cyclohexane

Concen: 46.309 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 266302

Ion Ratio Lower Upper

56 100

69 31.7 25.2 37.8

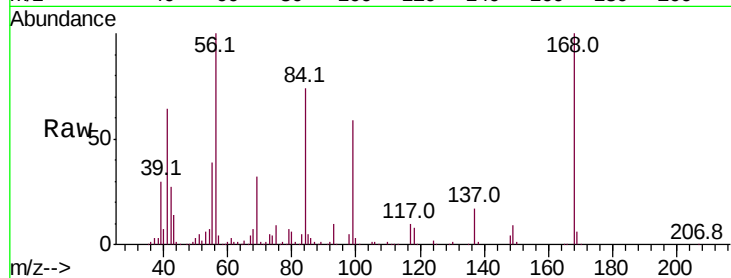
84 73.2 62.2 93.2

Manual Integrations

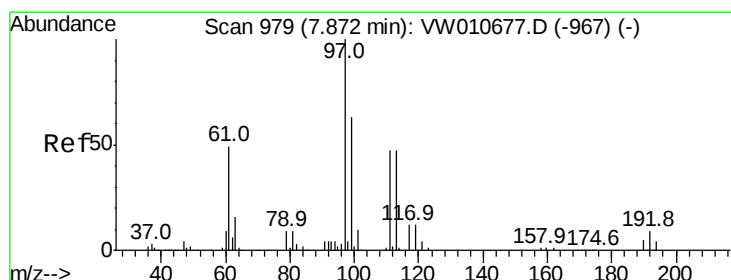
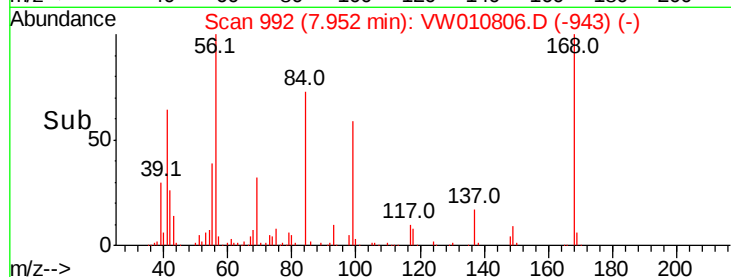
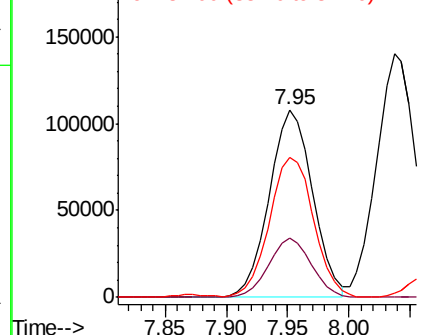
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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 50.672 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

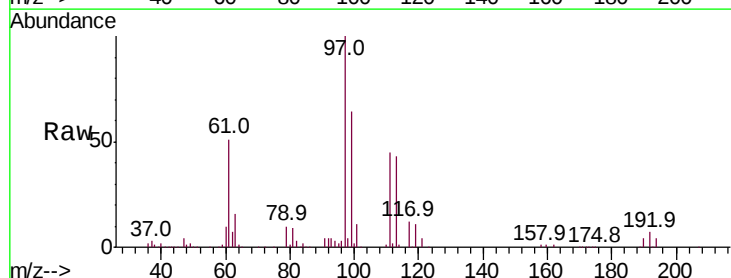
Tgt Ion: 97 Resp: 209443

Ion Ratio Lower Upper

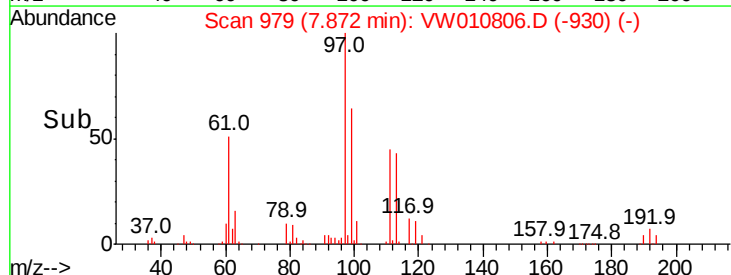
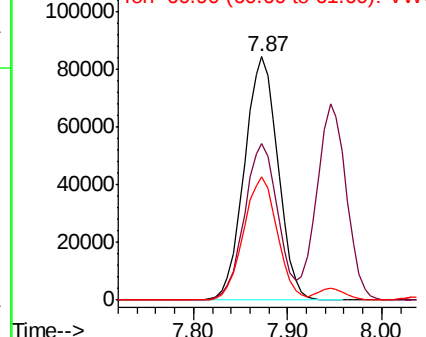
97 100

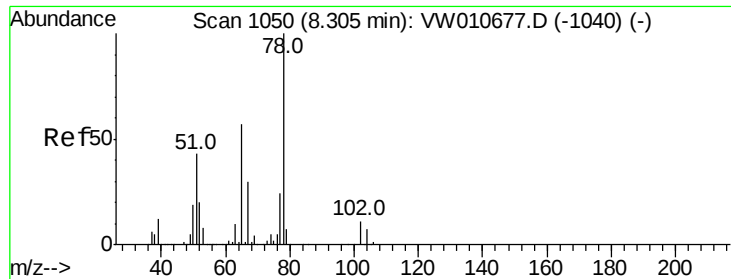
99 64.0 51.3 76.9

61 50.9 40.4 60.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 49.161 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 140113

Ion Ratio Lower Upper

65 100

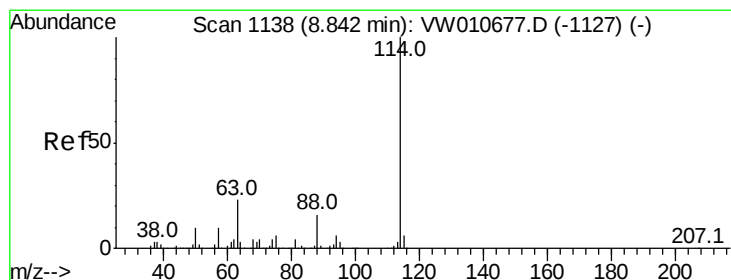
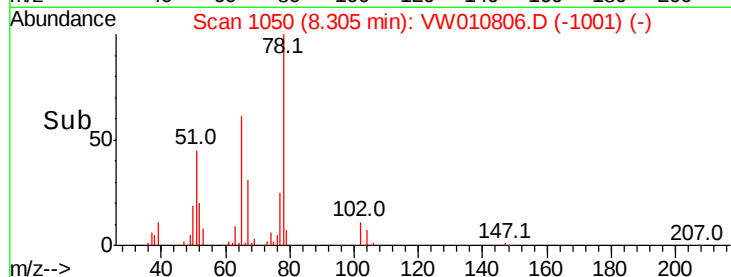
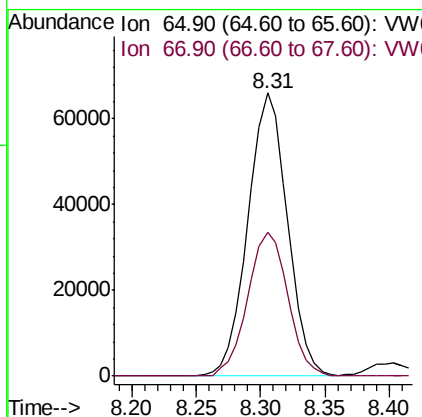
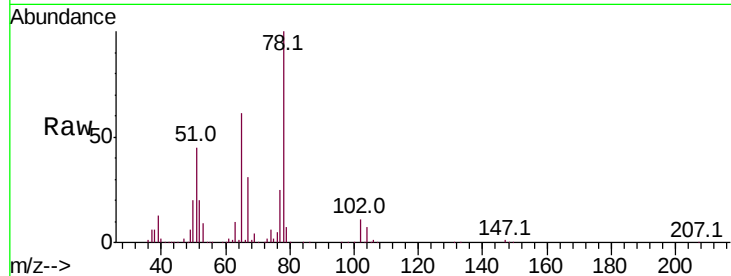
67 51.7 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

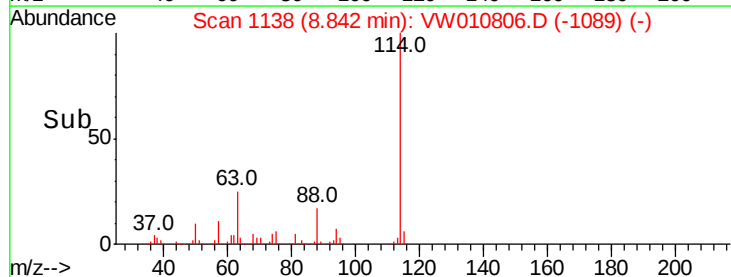
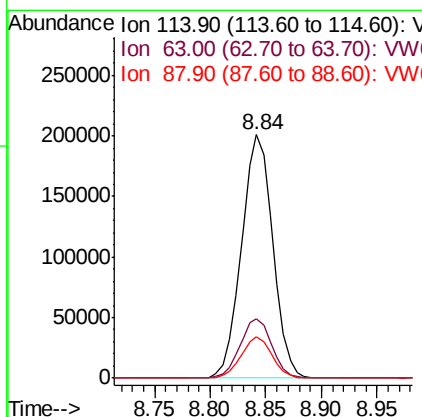
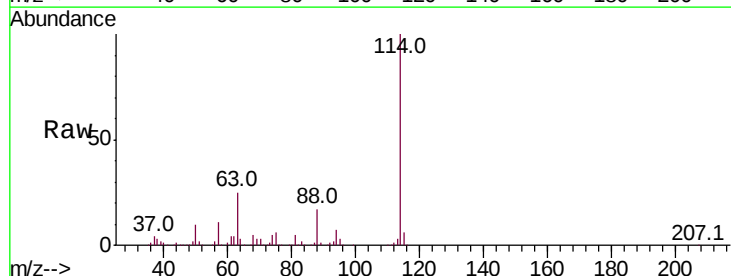
Tgt Ion: 114 Resp: 392236

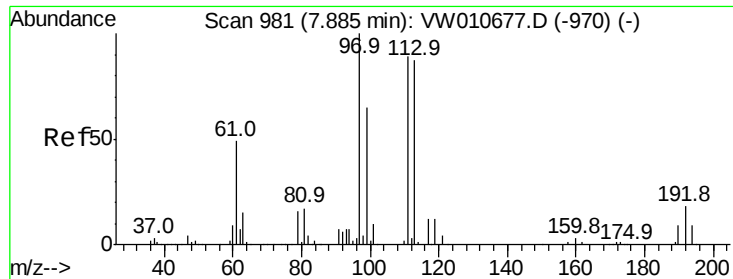
Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.4

88 16.8 0.0 32.2





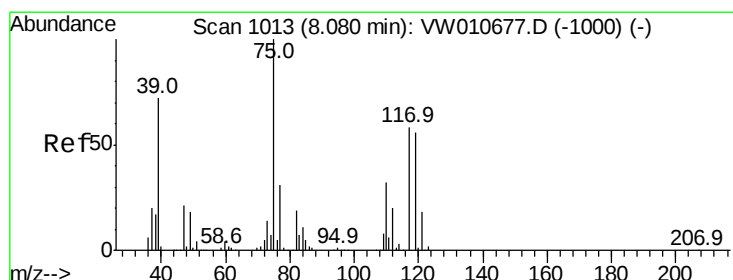
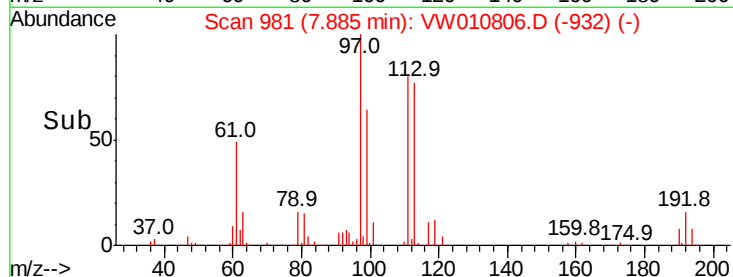
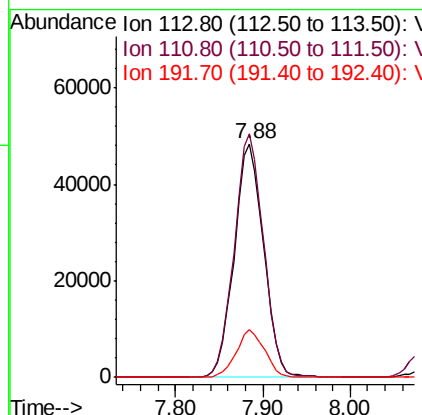
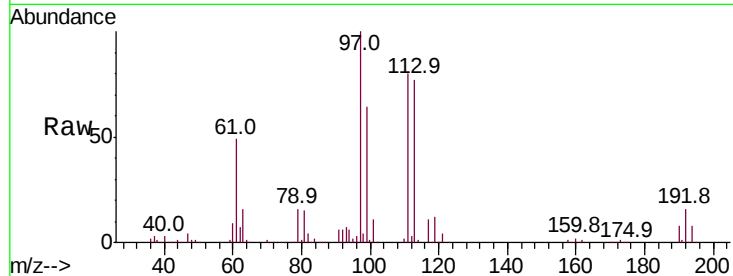
#35
Dibromofluoromethane
Concen: 53.203 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113267		
111	103.7	82.6	123.8	
192	19.7	16.4	24.6	

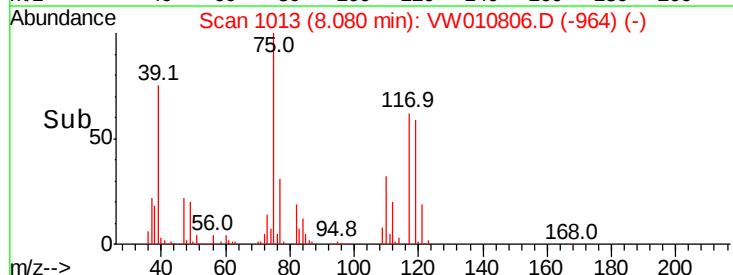
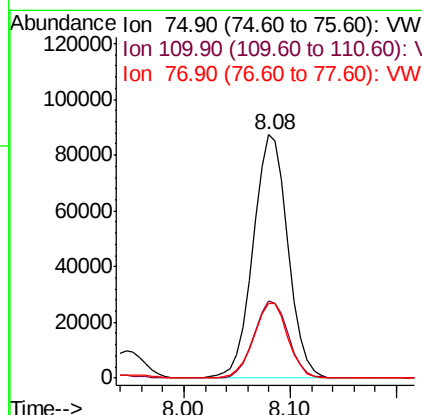
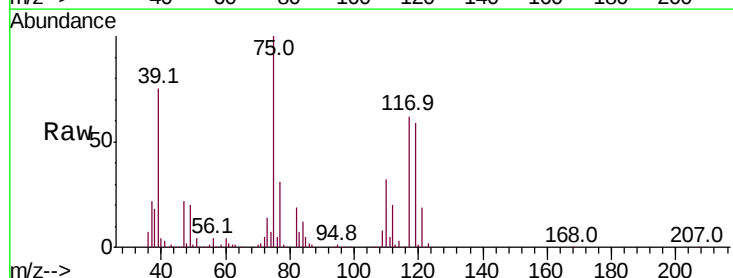
Manual Integrations
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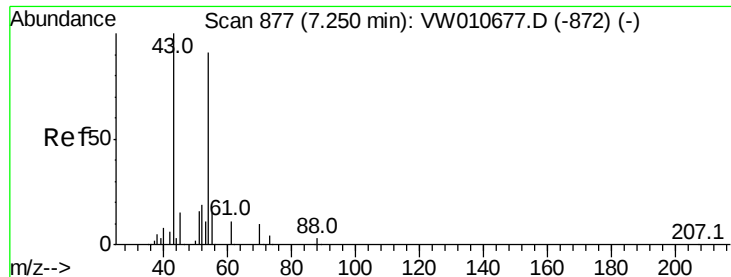
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#36
1,1-Dichloropropene
Concen: 49.622 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	199232		
110	31.4	15.8	47.3	
77	30.8	24.7	37.1	





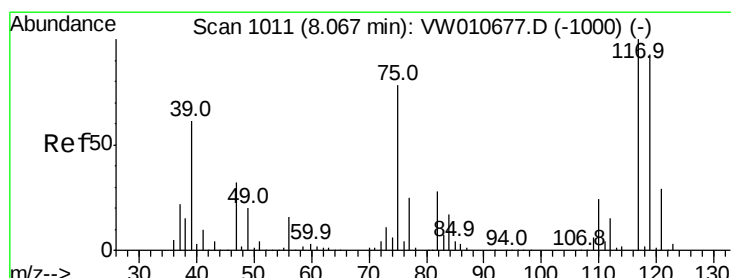
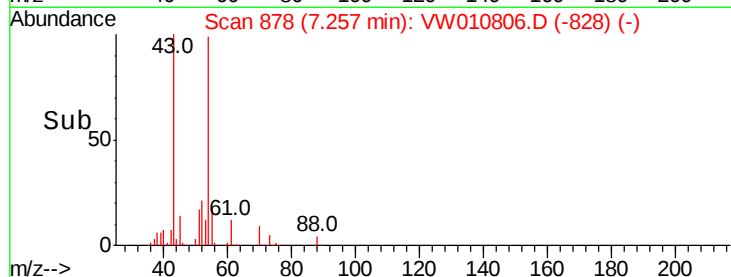
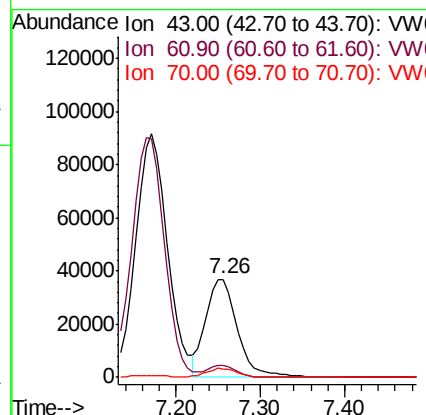
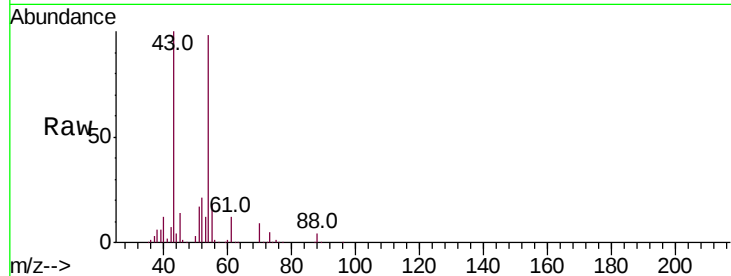
#37
Ethyl Acetate
Concen: 43.036 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.7	14.5
70	8.9	7.2	10.8

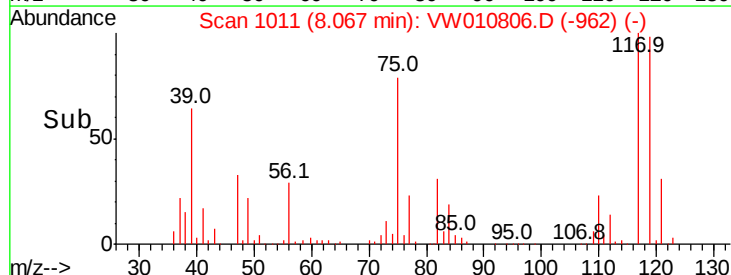
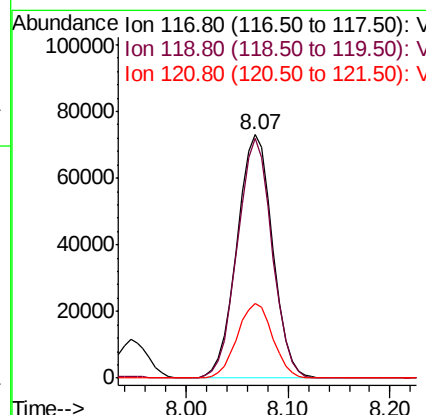
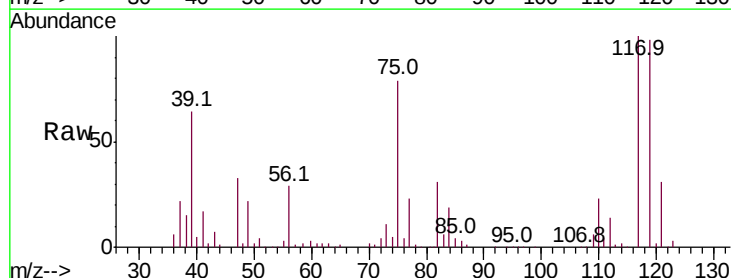
Manual Integrations
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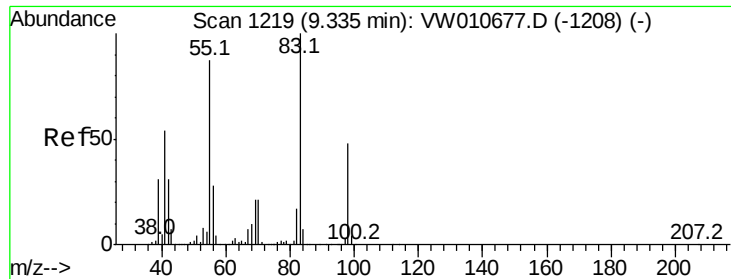
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#38
Carbon Tetrachloride
Concen: 50.958 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	74.2	111.4
121	30.8	22.9	34.3





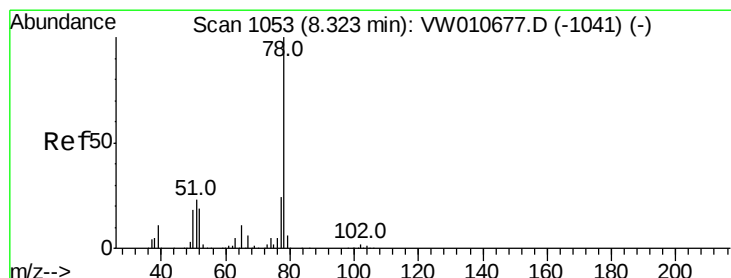
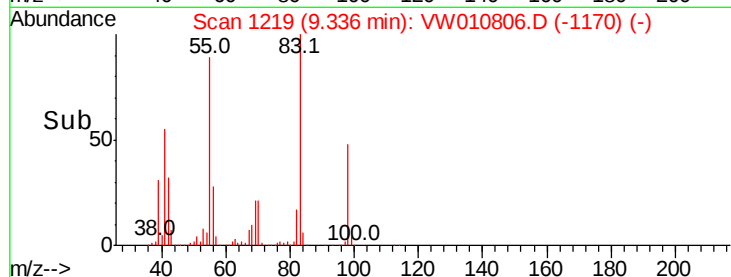
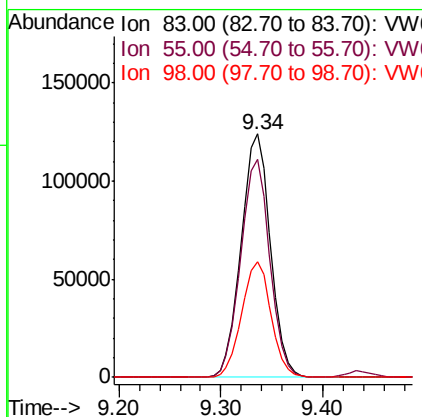
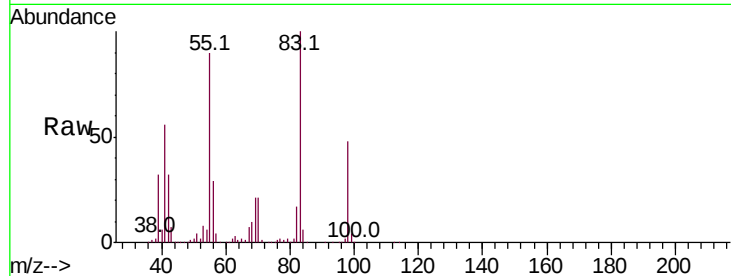
#39
Methvlcvclohexane
Concen: 48.579 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.5	70.0	105.0
98	47.5	38.1	57.1

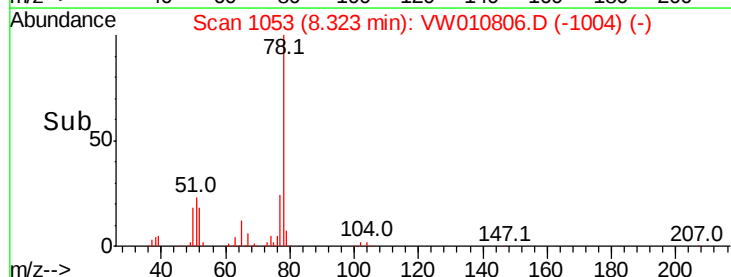
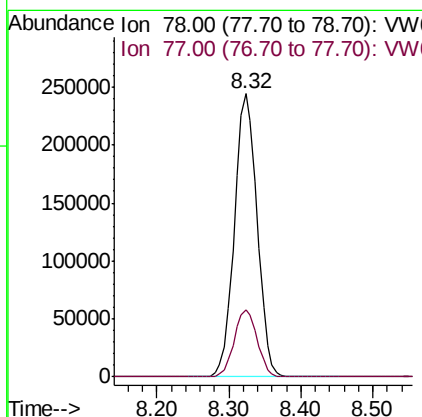
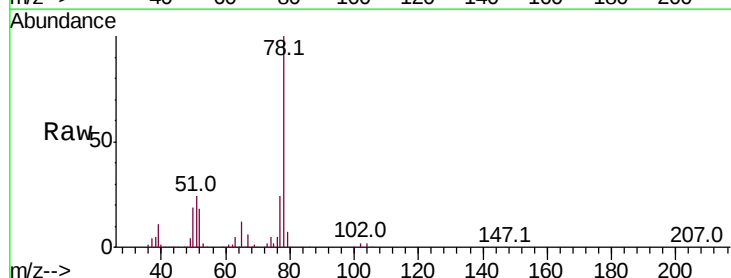
Manual Integrations
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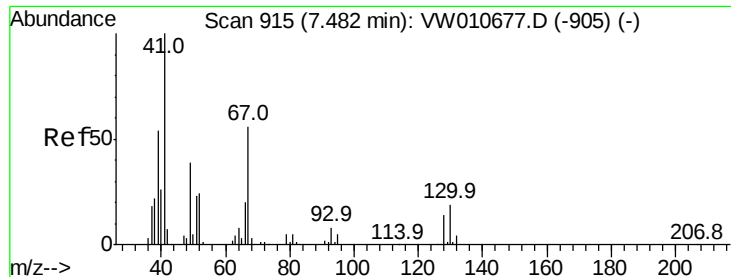
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#40
Benzene
Concen: 48.766 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





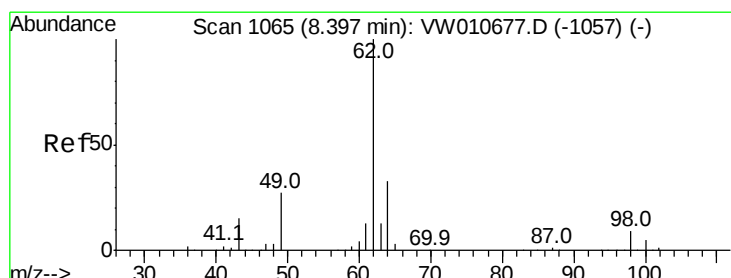
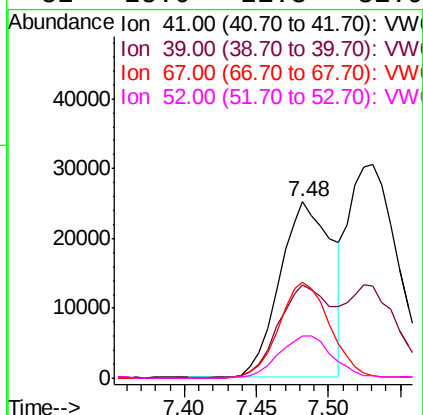
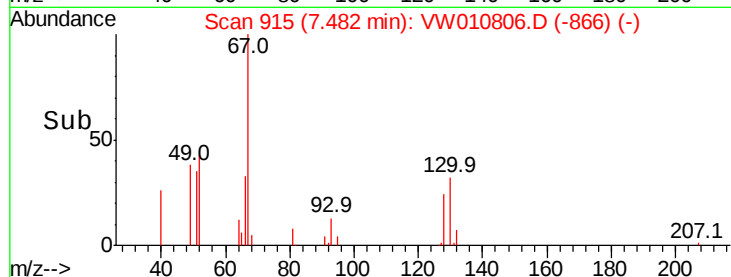
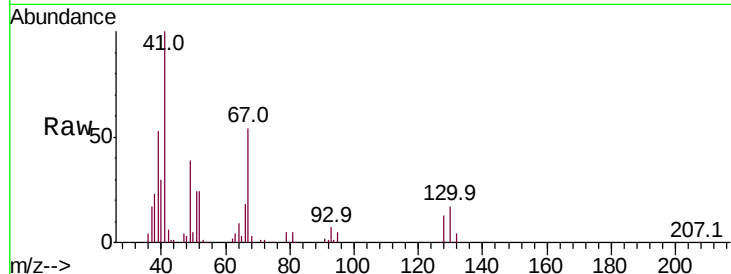
#41
Methacrylonitrile
Concen: 48.427 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.4	47.3	70.9
67	53.4	47.2	70.8
52	25.0	21.3	31.9

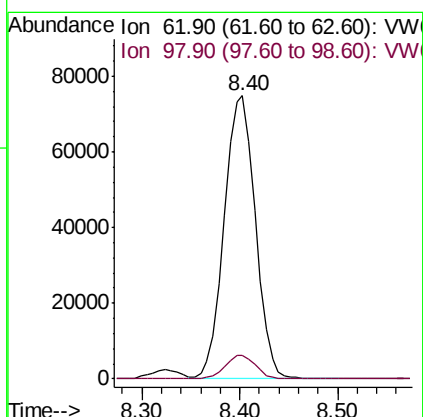
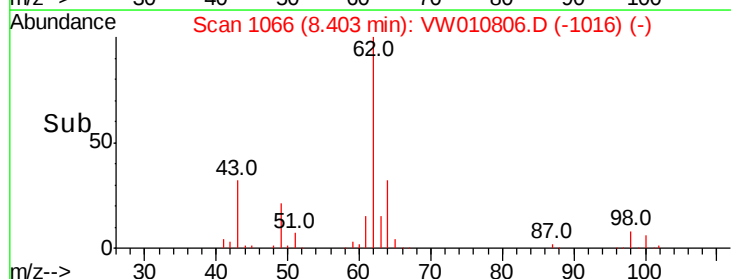
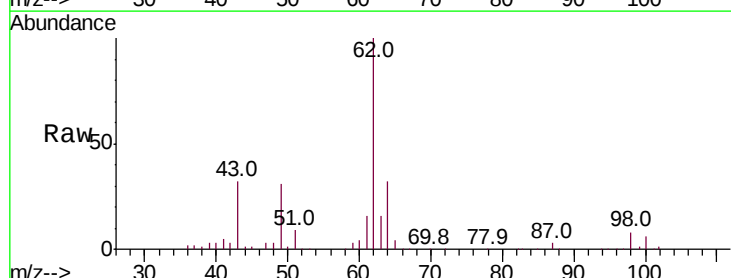
Manual Integrations
APPROVED

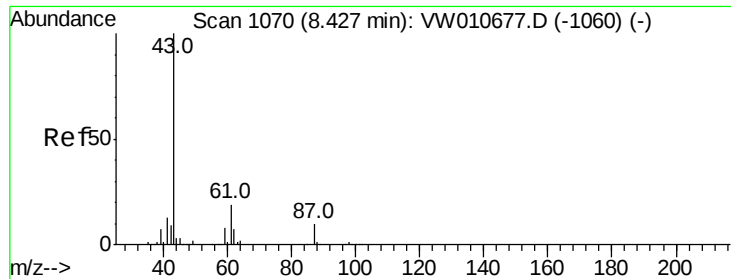
MMDadoda
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#42
1,2-Dichloroethane
Concen: 47.501 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





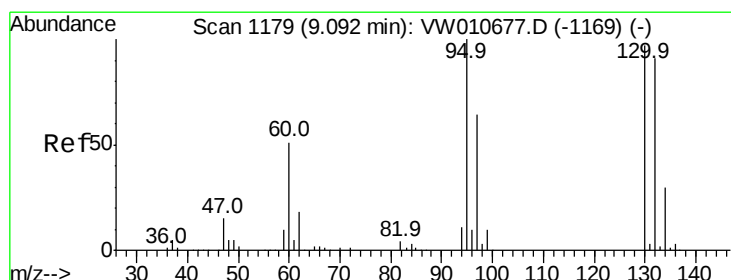
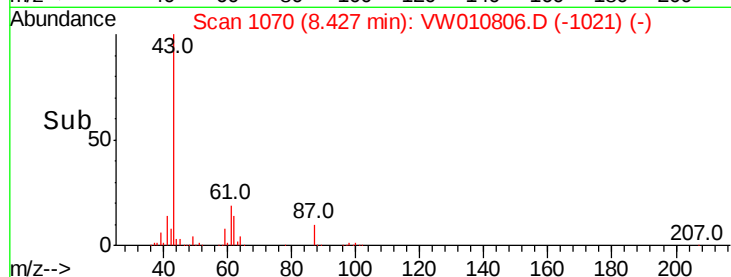
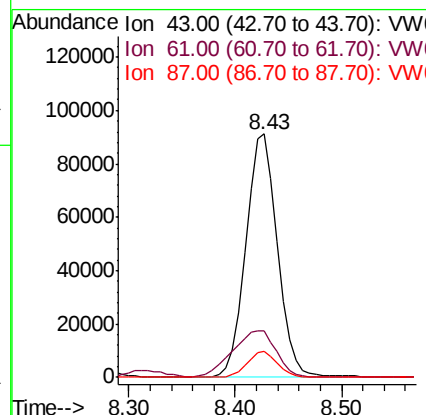
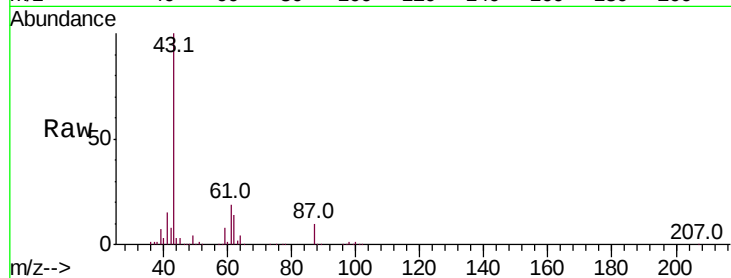
#43
Isopropyl Acetate
Concen: 43.920 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.9	21.2	31.8
87	10.3	8.3	12.5

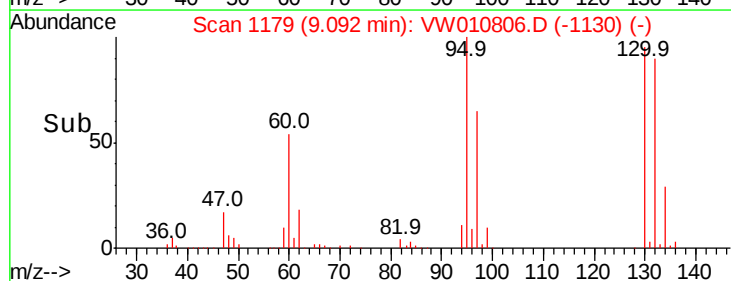
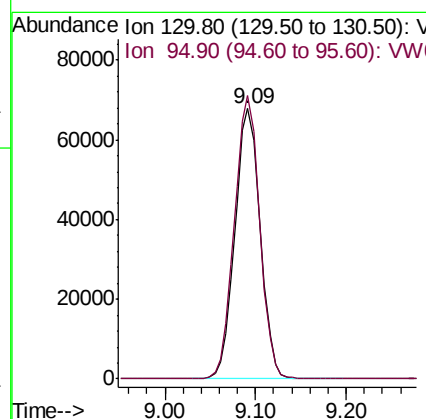
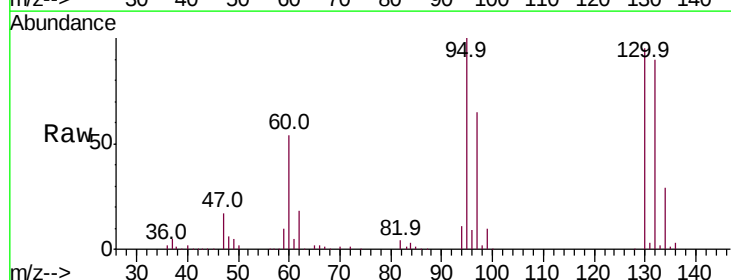
Manual Integrations
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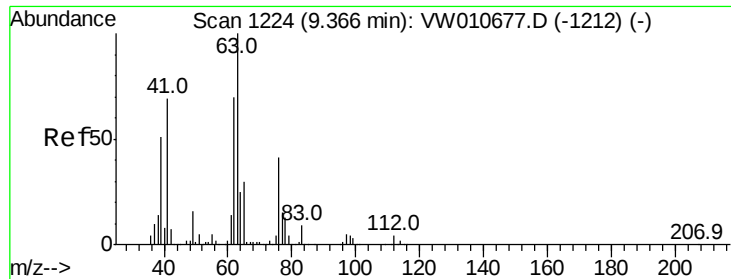
MMDadoda
6/17/2019 1:23:09 PM



#44
Trichloroethene
Concen: 48.668 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	207.0





#45

1,2-Dichloropropane

Concen: 48.967 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W

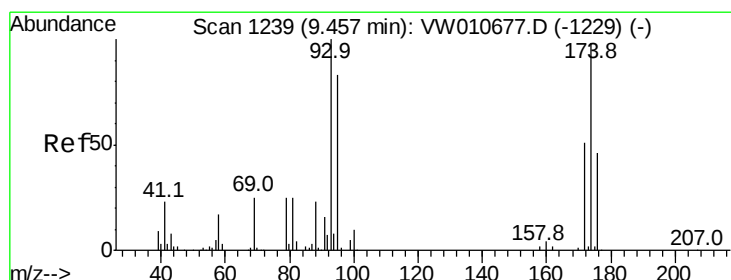
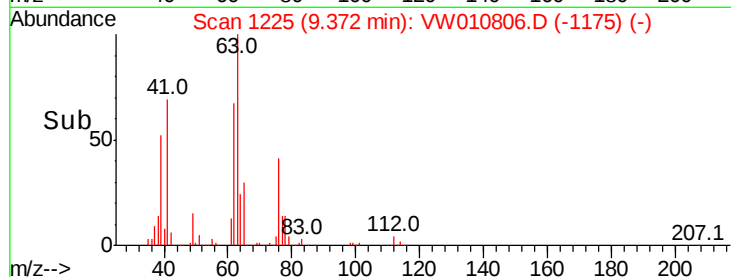
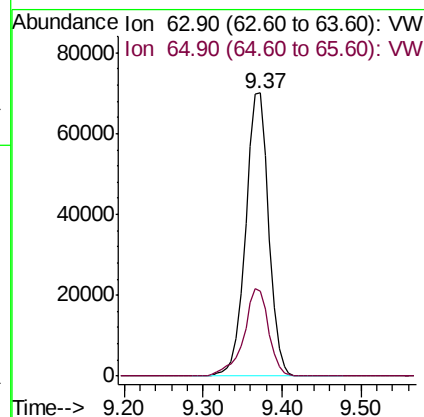
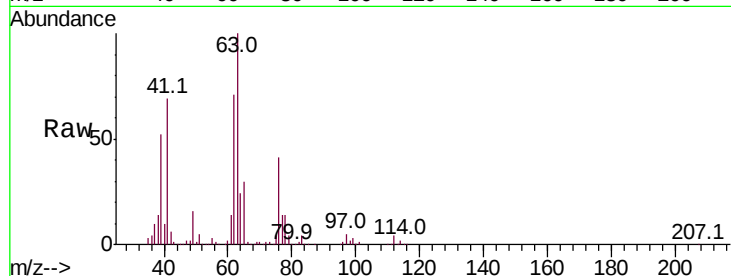
ClientSampleId :
VSTDCCC050

Tot Ion: 63 Resp: 141977

Ion	Ratio	Lower	Upper
63	100		
65	30.2	23.8	35.6

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#46

Dibromomethane

Concen: 45.849 ug/l

RT: 9.46 min Scan# 1239

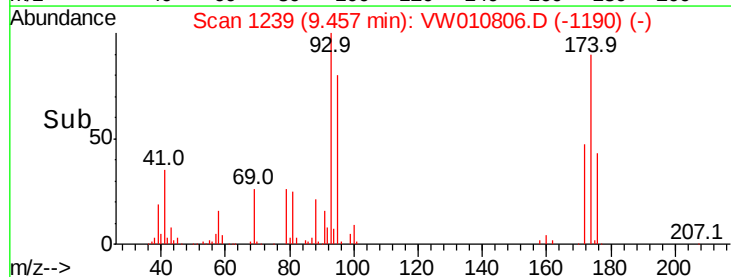
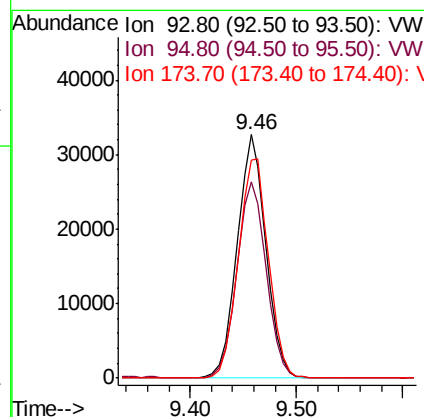
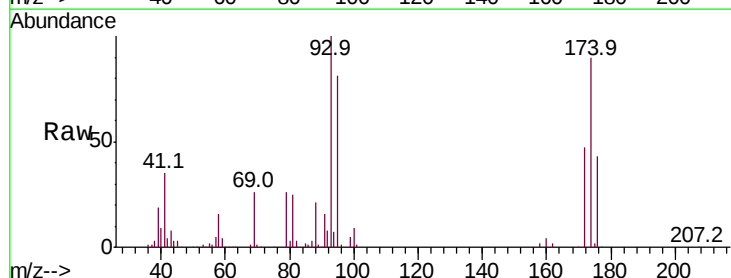
Delta R.T. 0.00 min

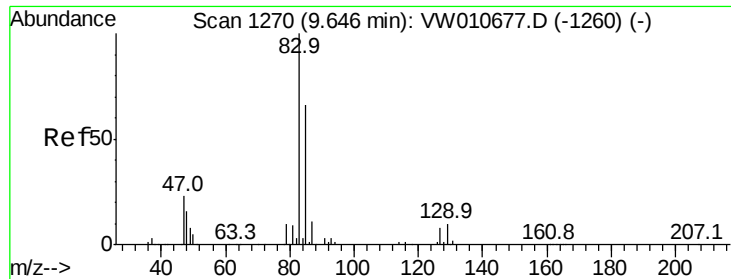
Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Tgt Ion: 93 Resp: 61746

Ion	Ratio	Lower	Upper
93	100		
95	82.5	65.8	98.8
174	94.8	77.4	116.0





#47

Bromodichloromethane

Concen: 49.395 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

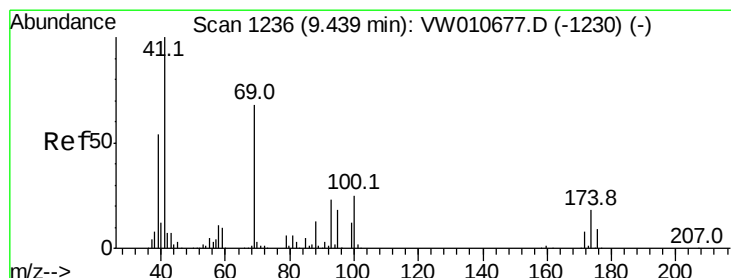
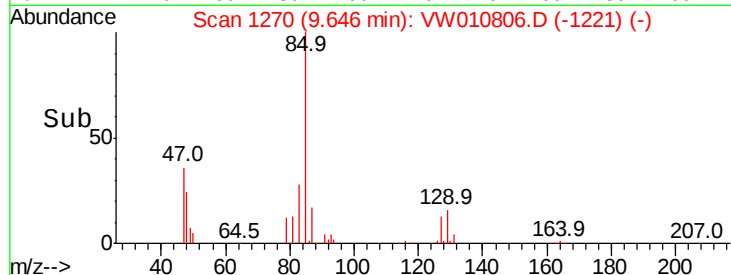
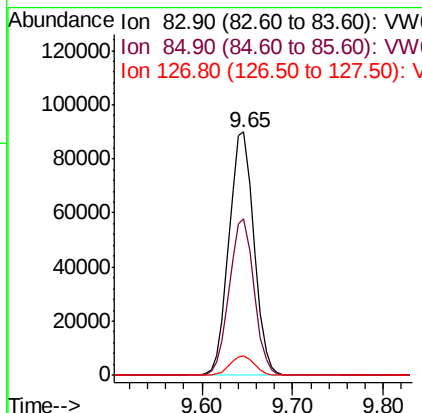
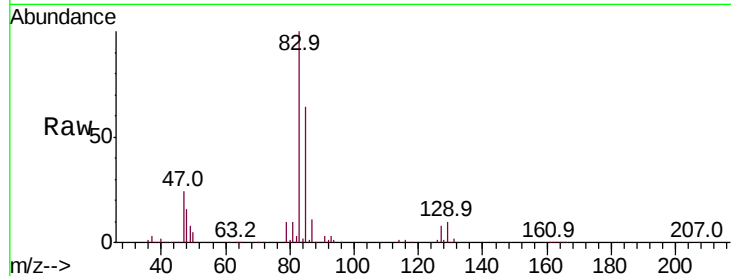
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	172435
Ion Ratio	Lower	Upper	
83	100		
85	64.1	53.0	79.4
127	8.1	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.011 ug/l

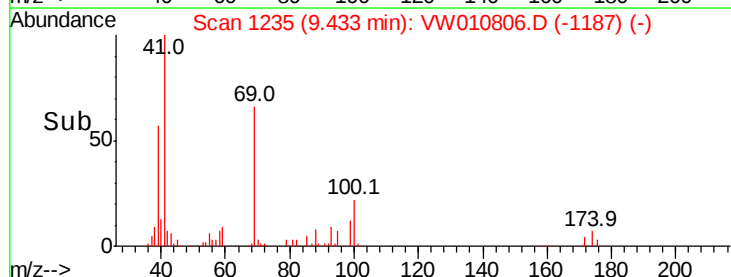
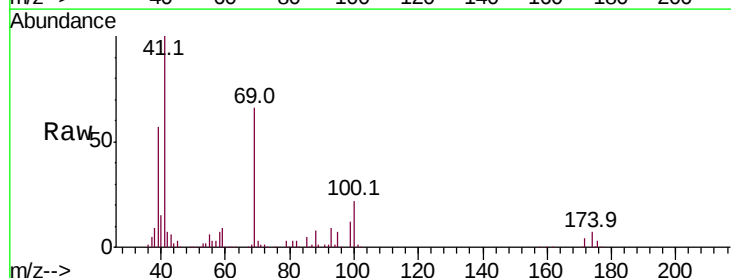
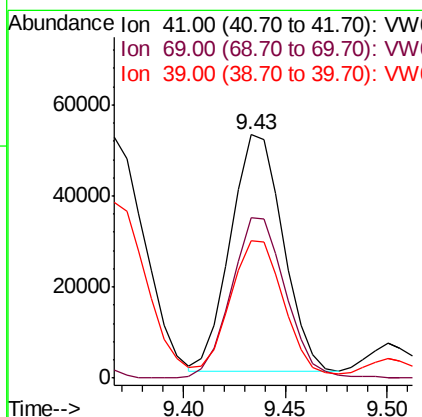
RT: 9.43 min Scan# 1235

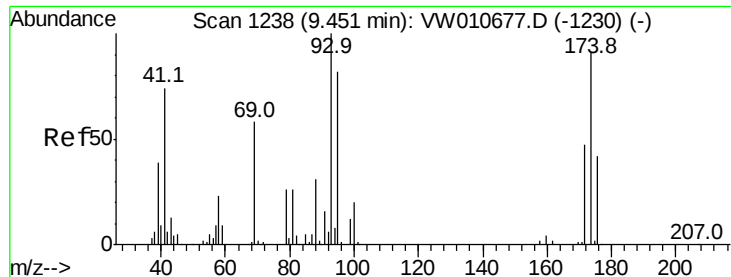
Delta R.T. -0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Tgt Ion:	41	Resp:	93281
Ion Ratio	Lower	Upper	
41	100		
69	69.6	56.6	85.0
39	56.2	44.4	66.6





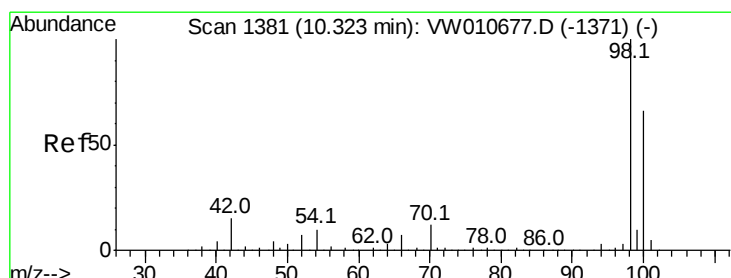
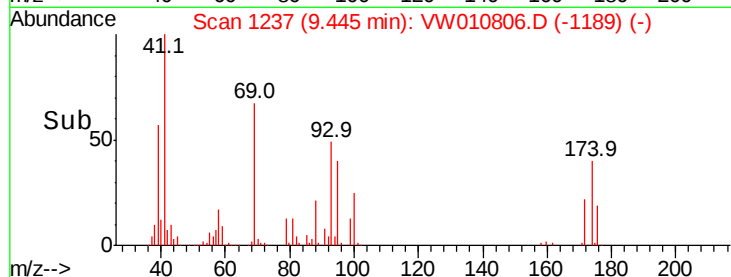
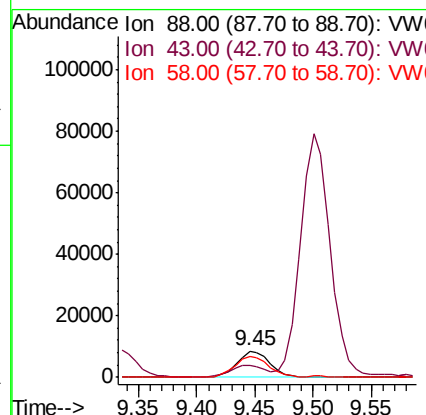
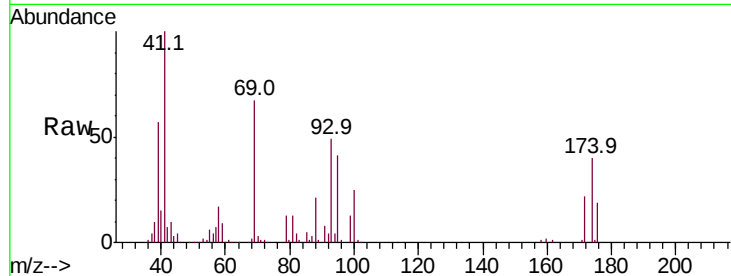
#49
1,4-Dioxane
Concen: 797.475 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	16791
Ion	Ratio	Lower	Upper
88	100		
43	46.9	34.2	51.4
58	83.7	69.0	103.4

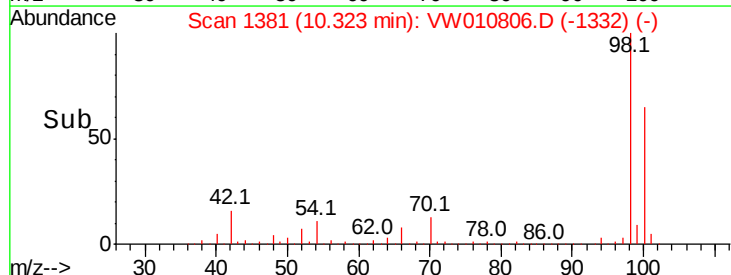
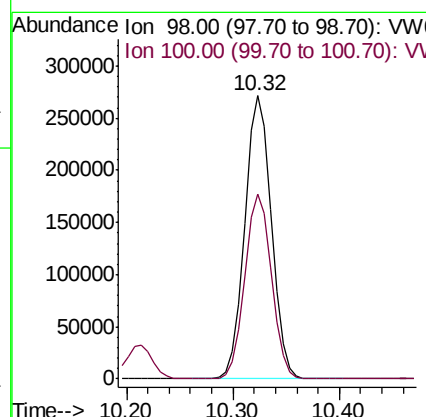
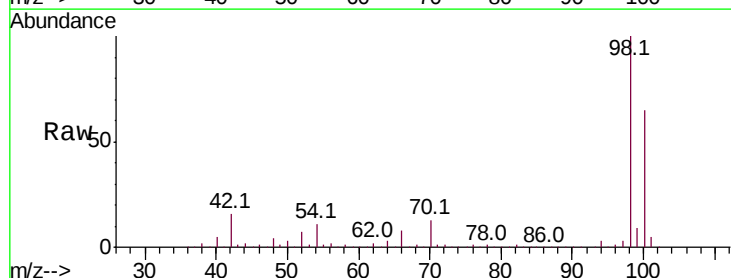
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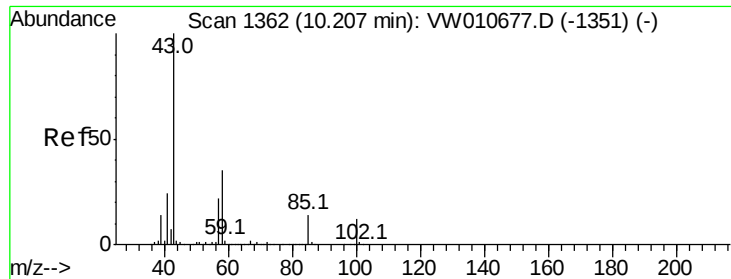
MMDadoda
6/17/2019 1:23:09 PM



#50
Toluene-d8
Concen: 51.010 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	98	Resp	476223
Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 217.901 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 478484

Ion Ratio Lower Upper

43 100

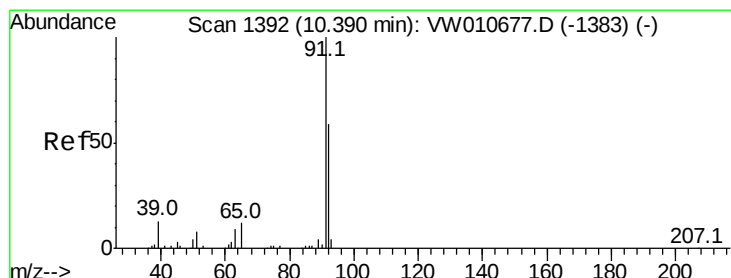
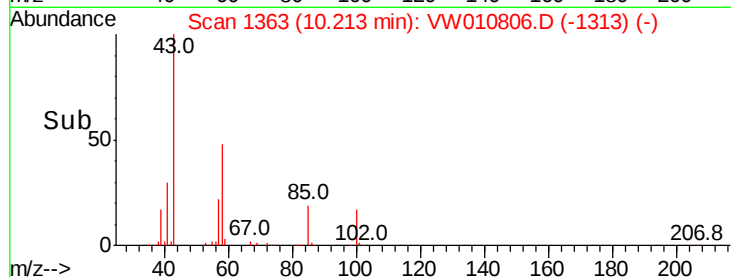
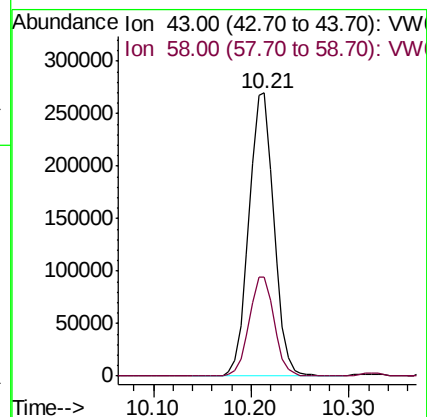
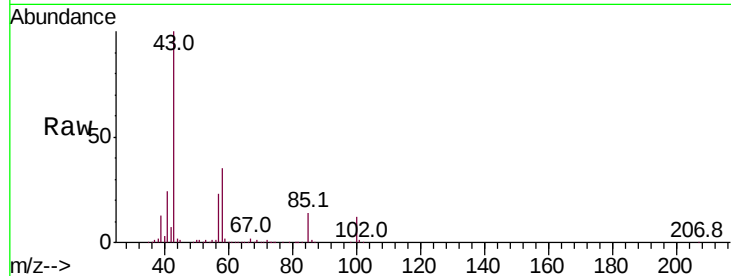
58 35.1 28.4 42.6

Manual Integrations

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#52

Toluene

Concen: 48.798 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010806.D

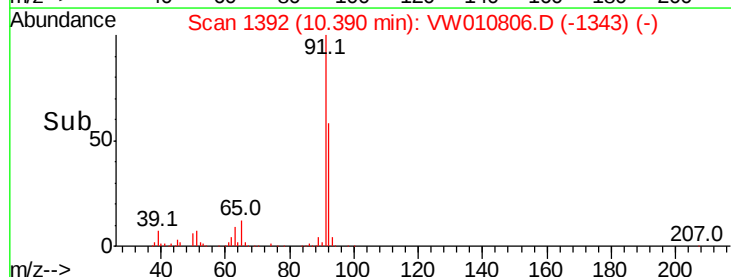
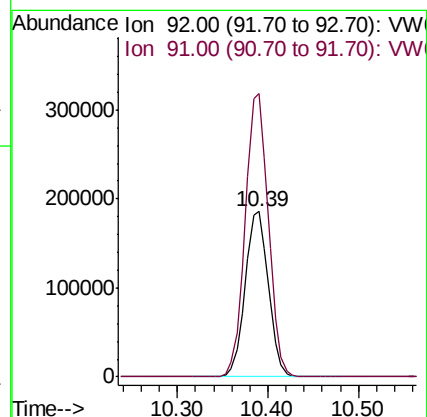
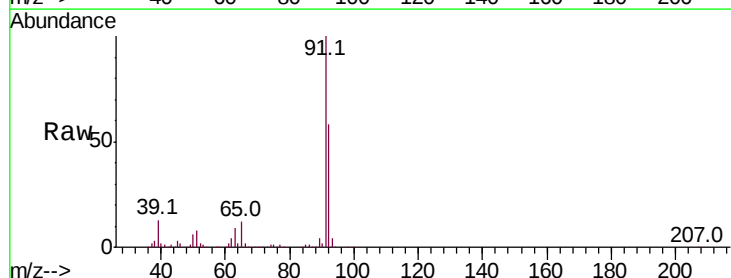
Acq: 14 Jun 2019 11:17

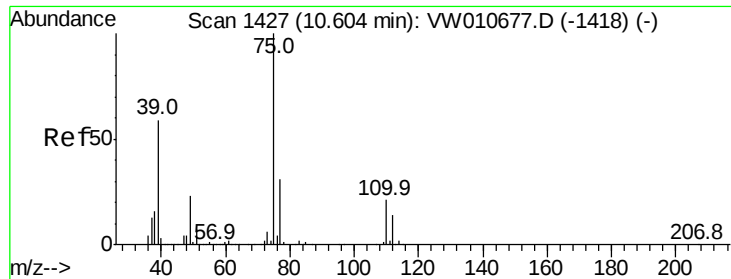
Tgt Ion: 92 Resp: 328859

Ion Ratio Lower Upper

92 100

91 170.9 134.9 202.3





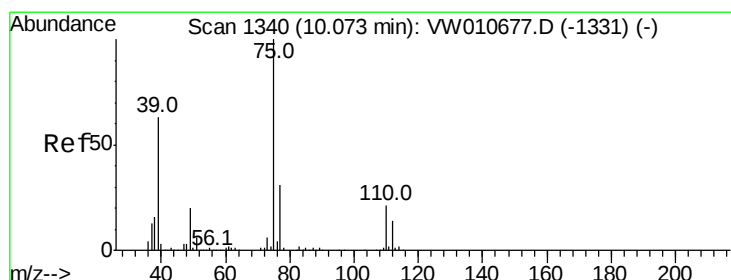
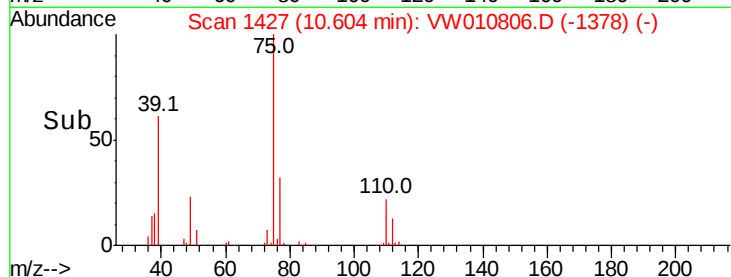
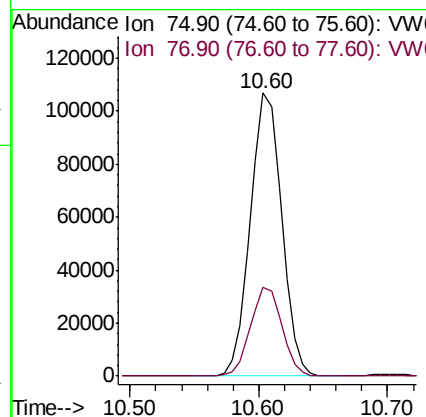
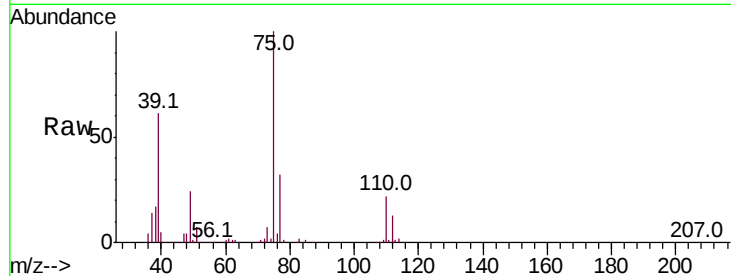
#53
t-1,3-Dichloropropene
Concen: 48.719 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.6	36.8

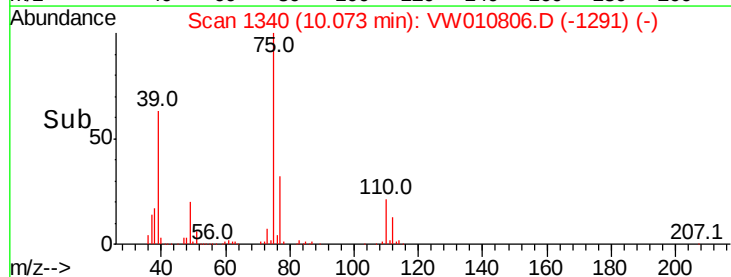
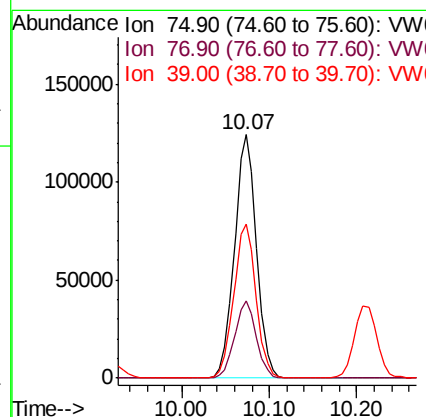
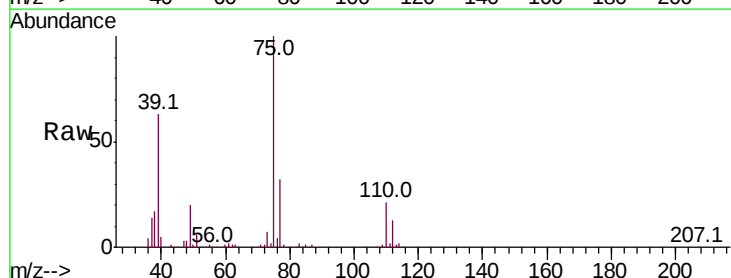
Manual Integrations
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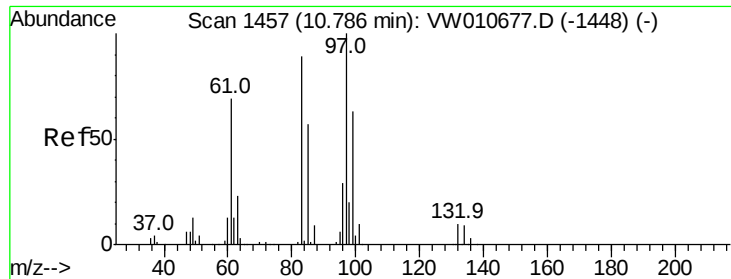
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#54
cis-1,3-Dichloropropene
Concen: 49.889 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.2	37.8
39	63.3	50.1	75.1





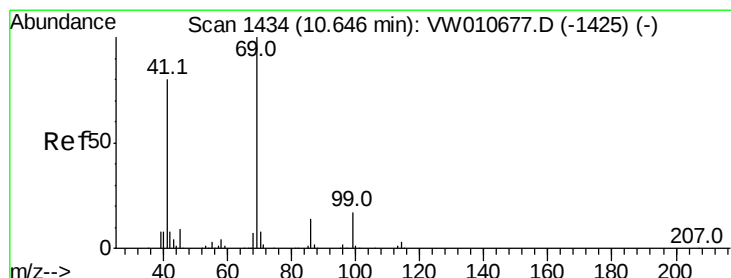
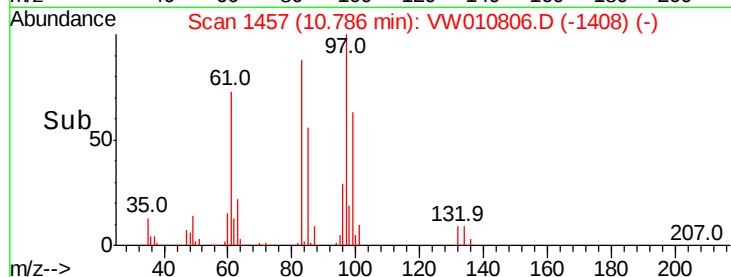
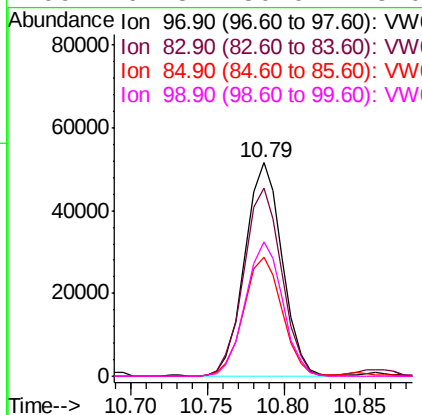
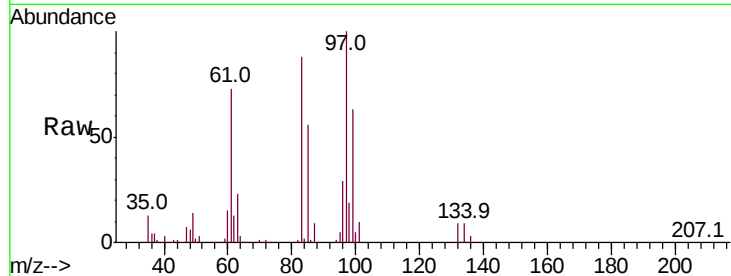
#55
 1,1,2-Trichloroethane
 Concen: 45.369 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	88019
Ion	Ratio	Lower	Upper
97	100		
83	88.0	71.1	106.7
85	55.6	45.2	67.8
99	62.8	50.0	75.0

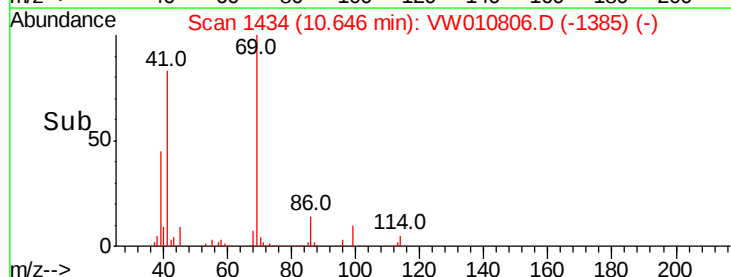
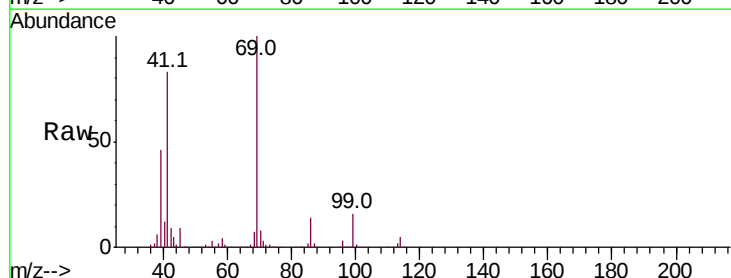
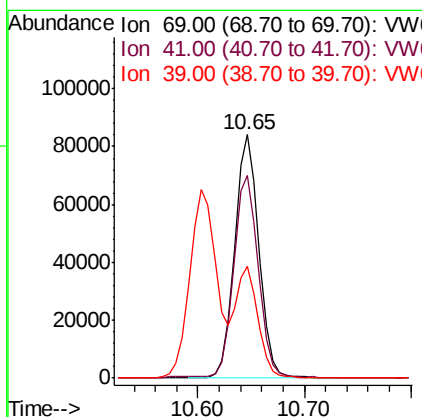
Manual Integrations
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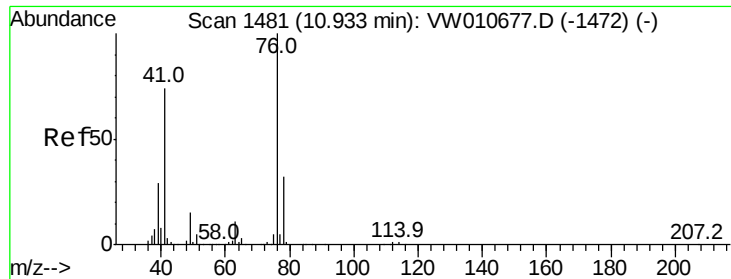
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#56
 Ethyl methacrylate
 Concen: 45.004 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Tgt Ion:	69	Resp:	134350
Ion	Ratio	Lower	Upper
69	100		
41	83.6	64.8	97.2
39	42.2	32.2	48.2





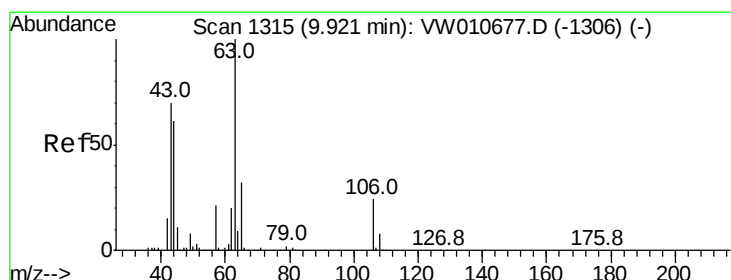
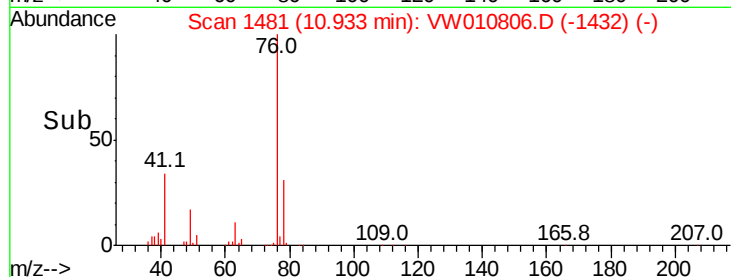
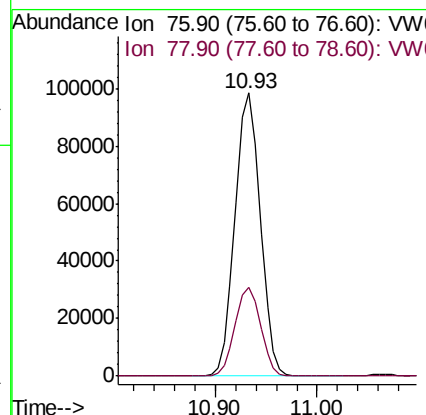
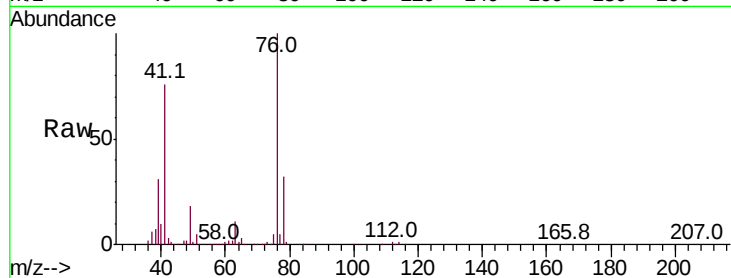
#57
 1,3-Dichloropropane
 Concen: 46.155 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 168751
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5

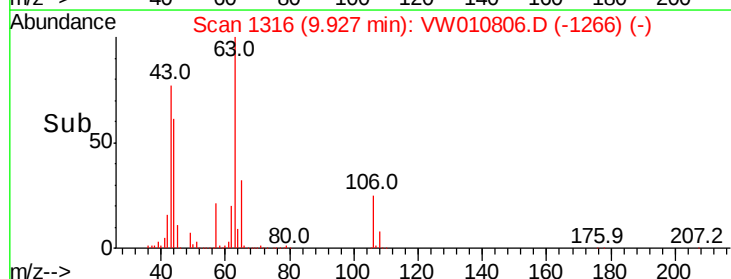
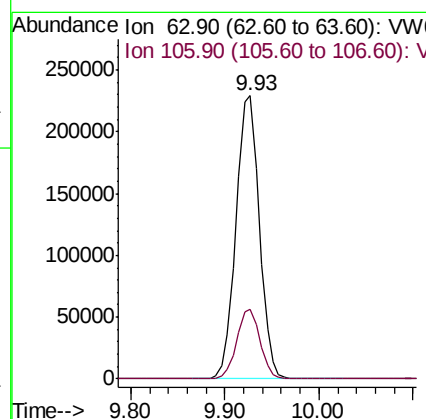
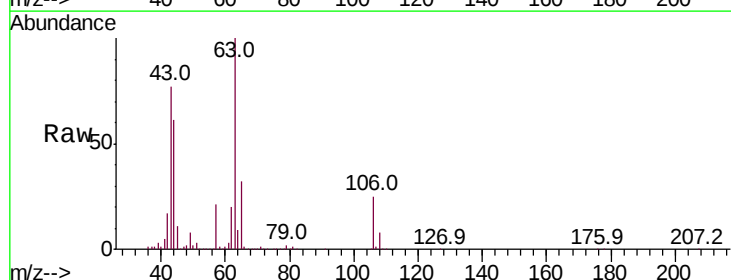
Manual Integrations
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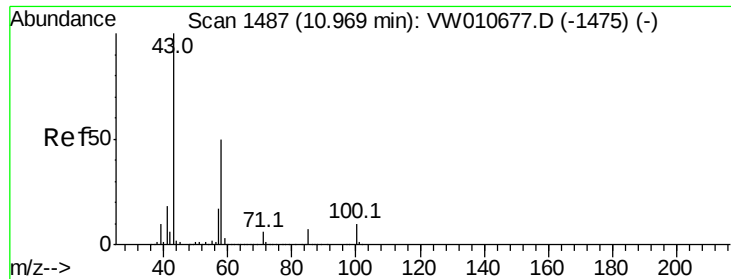
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#58
 2-Chloroethyl Vinyl ether
 Concen: 252.769 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Tgt Ion: 63 Resp: 395232
 Ion Ratio Lower Upper
 63 100
 106 24.5 20.1 30.1





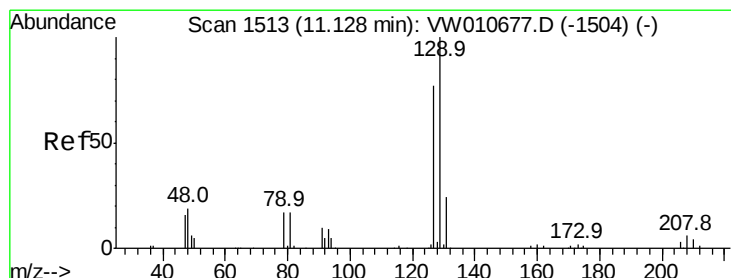
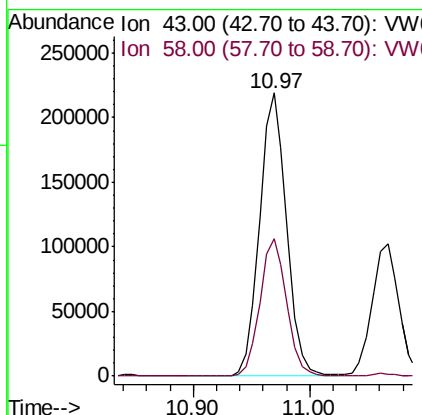
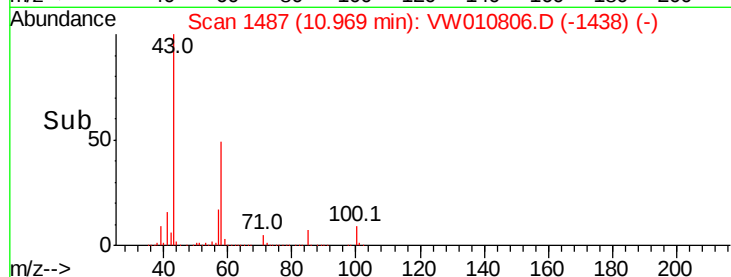
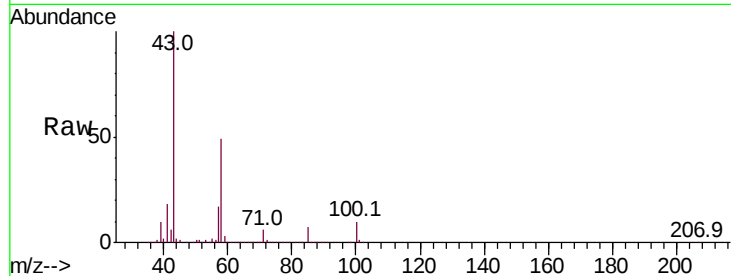
#59
2-Hexanone
Concen: 222.492 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 353097
Ion Ratio Lower Upper
43 100
58 48.3 24.9 74.6

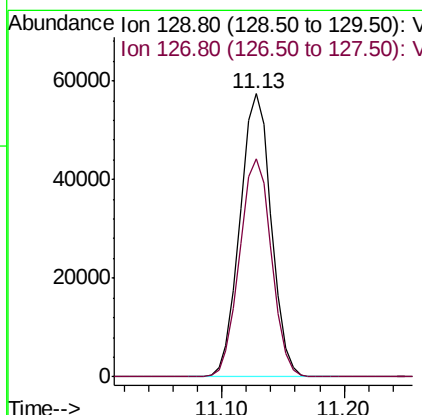
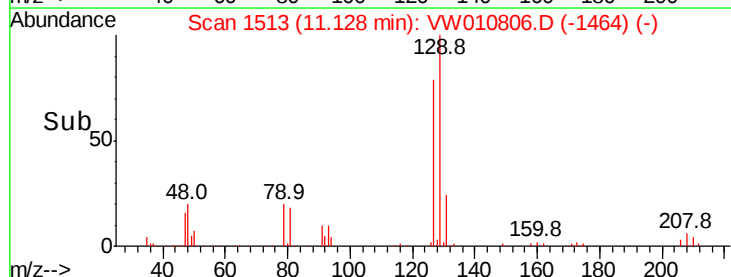
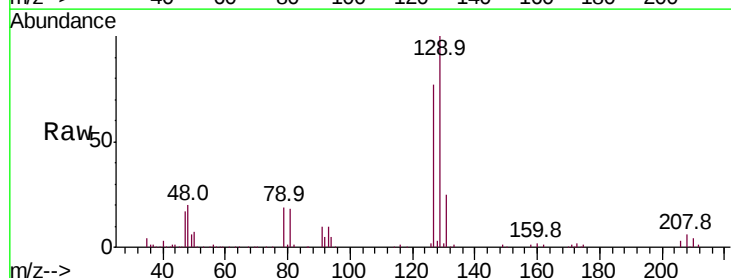
Manual Integrations
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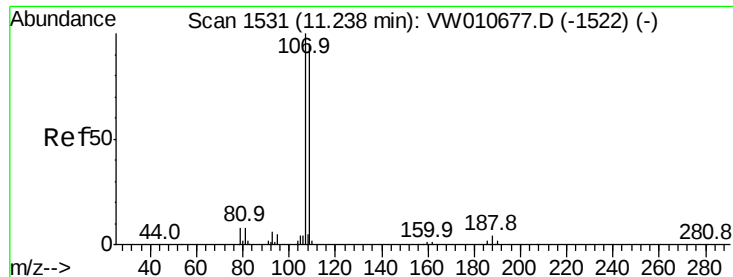
MMDadoda
6/17/2019 1:23:09 PM



#60
Dibromochloromethane
Concen: 47.439 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion: 129 Resp: 102024
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





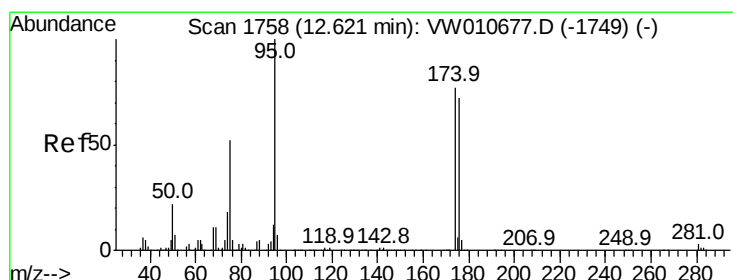
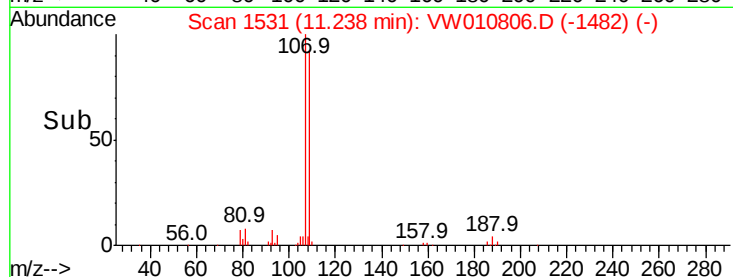
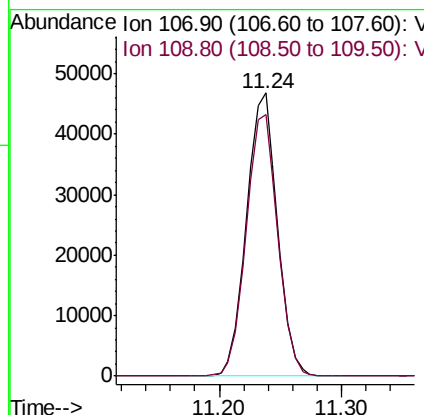
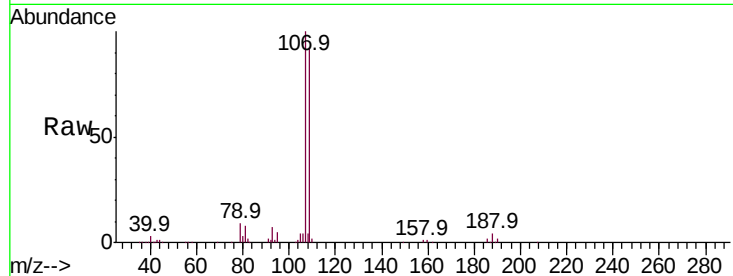
#61
1,2-Dibromoethane
Concen: 44.776 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.8	113.8

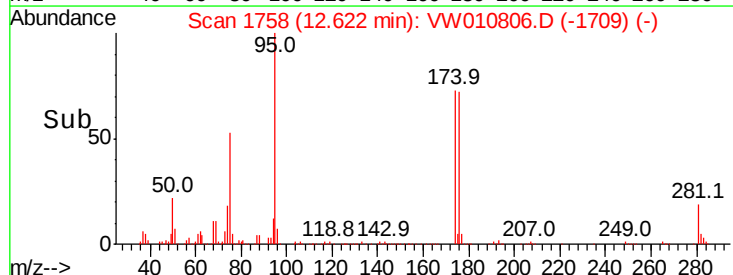
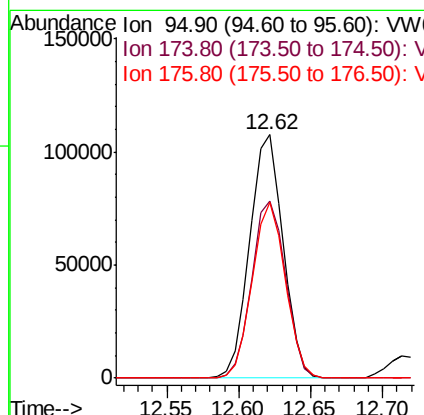
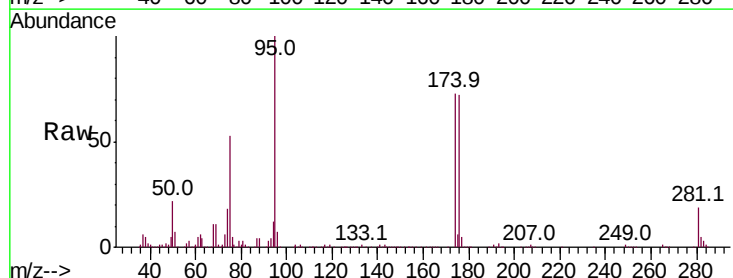
Manual Integrations
APPROVED

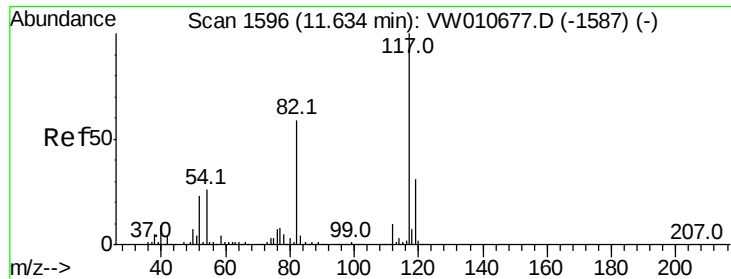
MMDadoda
6/17/2019 1:23:09 PM



#62
4-Bromofluorobenzene
Concen: 50.647 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	150.4
176	71.7	0.0	144.8





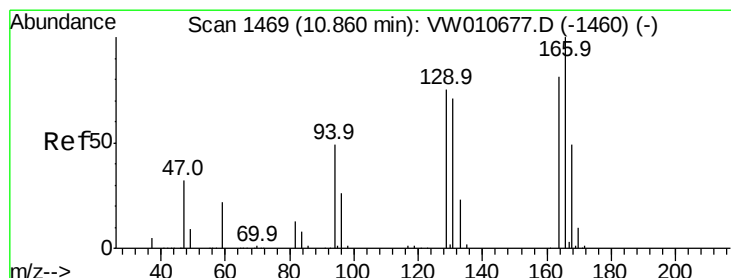
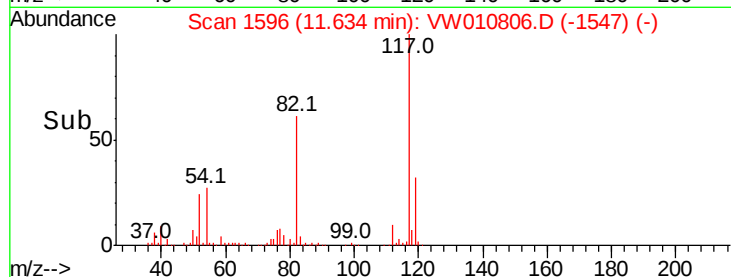
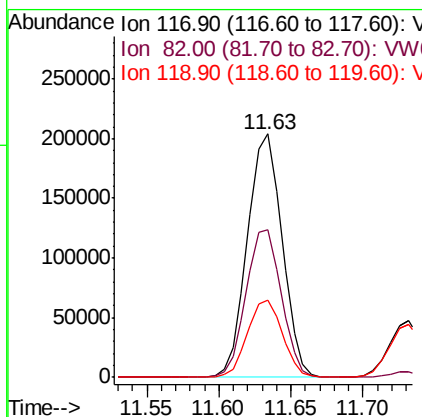
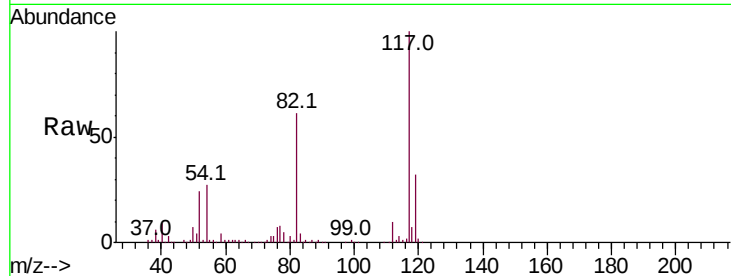
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion:	117	Resp:	341061
Ion Ratio	Lower	Upper	
117	100		
82	60.8	47.0	70.4
119	31.6	25.1	37.7

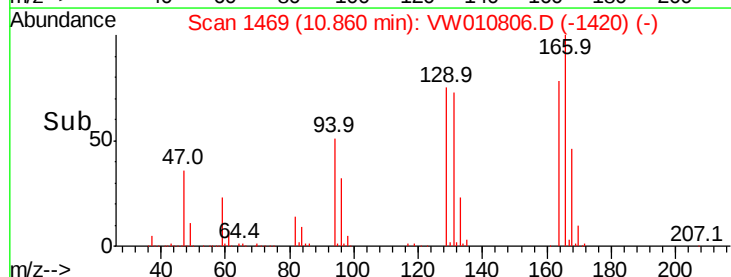
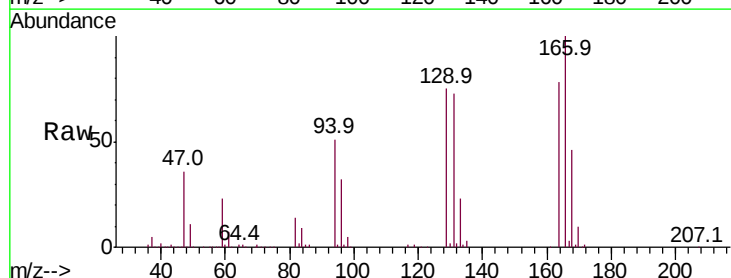
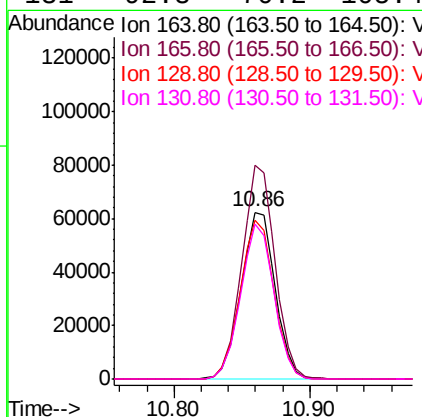
Manual Integrations
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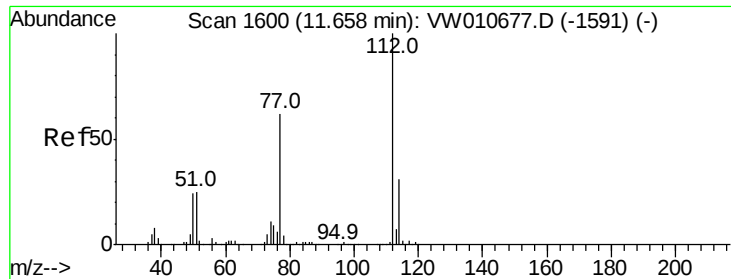
MMDadoda
6/17/2019 1:23:09 PM



#64
Tetrachloroethene
Concen: 48.135 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion:	164	Resp:	109002
Ion Ratio	Lower	Upper	
164	100		
166	128.0	99.2	148.8
129	95.4	74.6	112.0
131	92.8	70.2	105.4





#65

Chlorobenzene

Concen: 49.208 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 330033

Ion Ratio Lower Upper

112 100

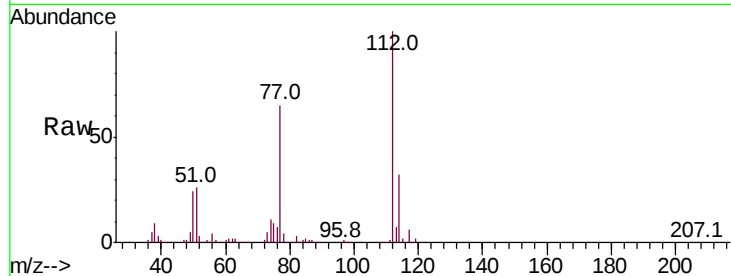
114 31.6 24.8 37.2

Manual Integrations

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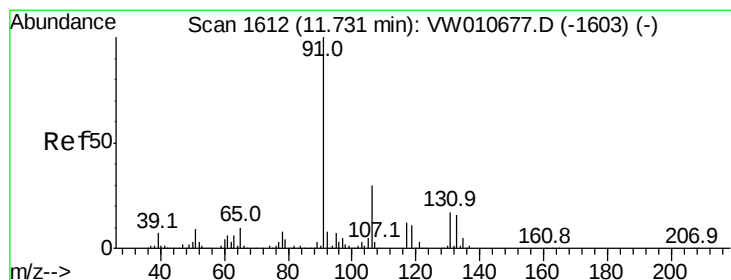
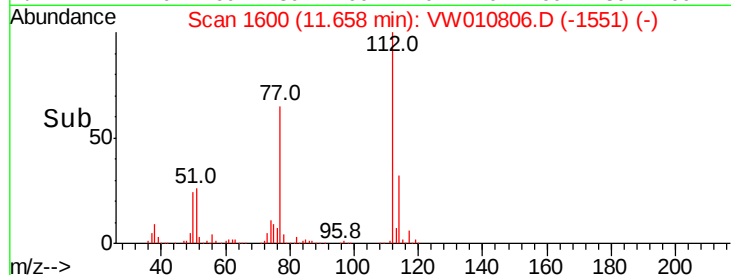
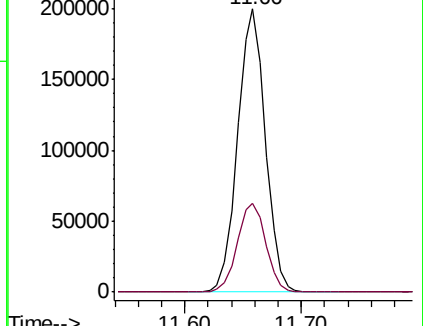
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.332 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

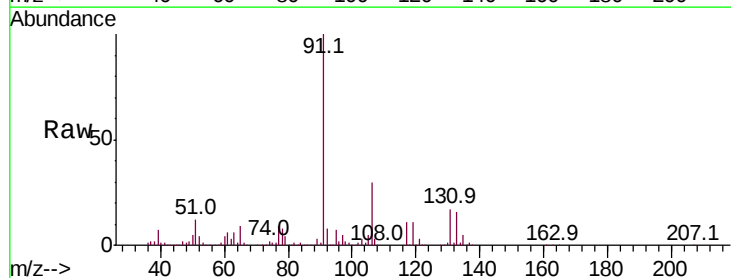
Tgt Ion:131 Resp: 116857

Ion Ratio Lower Upper

131 100

133 94.8 47.3 141.9

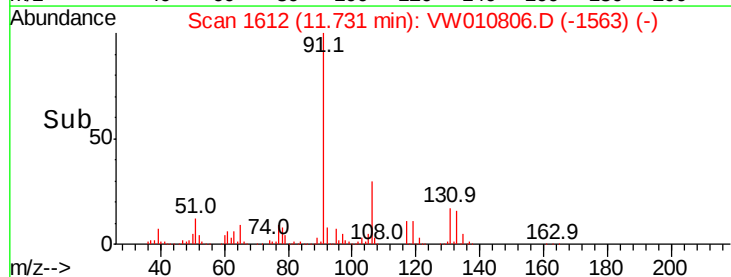
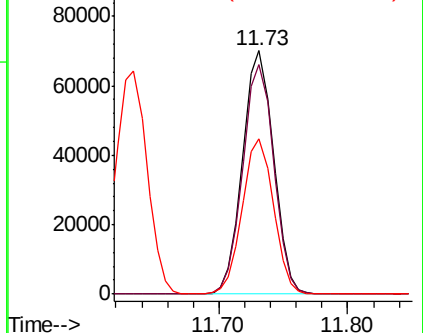
119 64.5 32.4 97.0

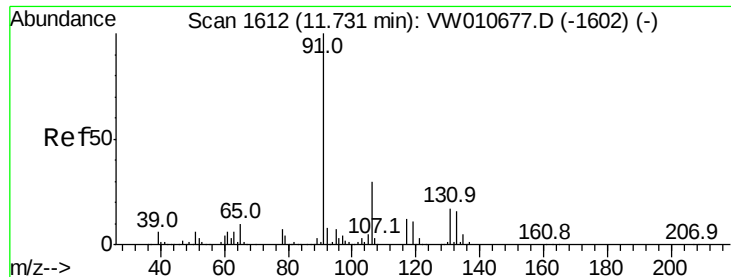


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





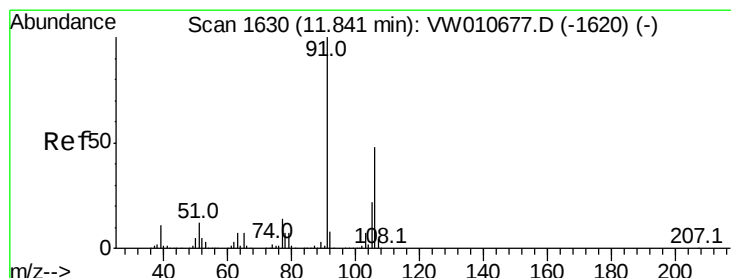
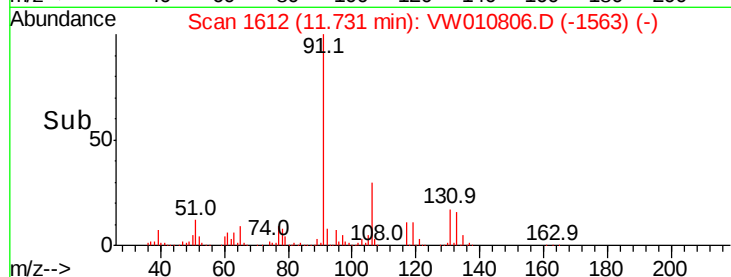
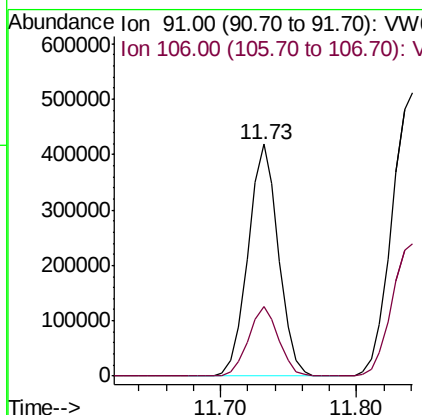
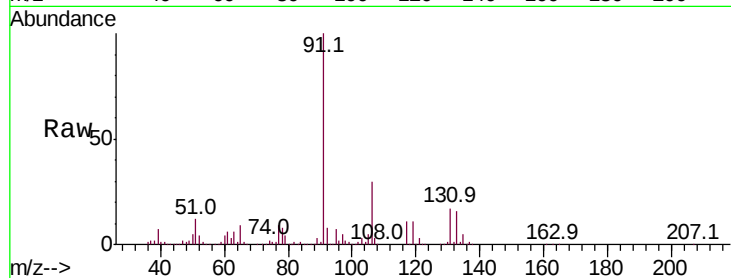
#67
Ethyl Benzene
Concen: 50.760 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 654279
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.4

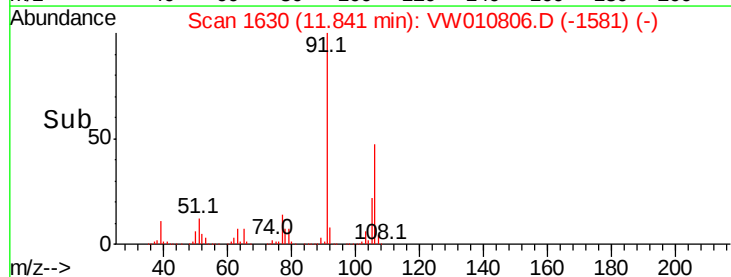
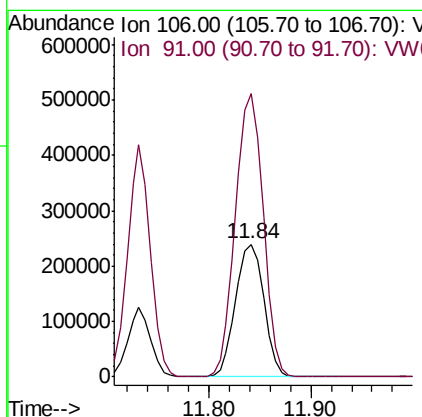
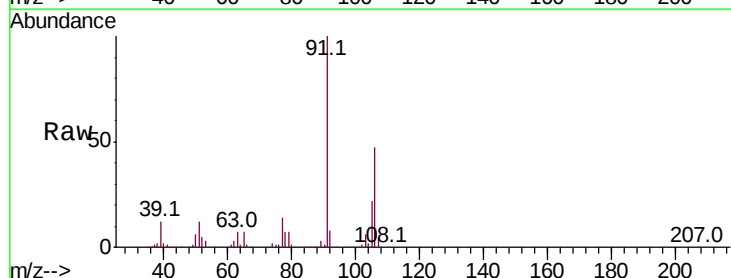
Manual Integrations
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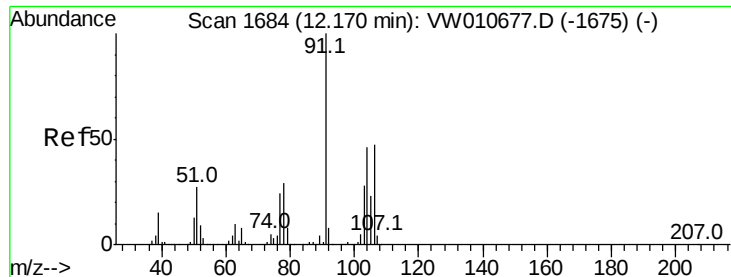
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6/17/2019 1:23:09 PM



#68
m/p-Xylenes
Concen: 100.332 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion: 106 Resp: 462951
Ion Ratio Lower Upper
106 100
91 209.5 166.5 249.7





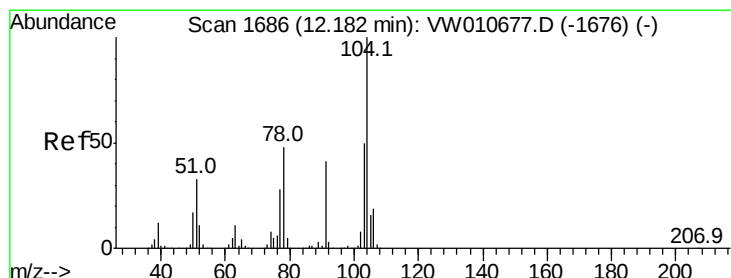
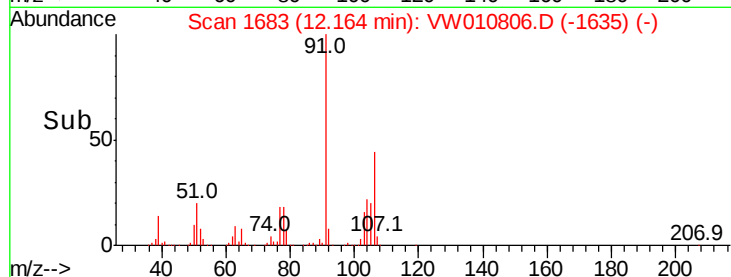
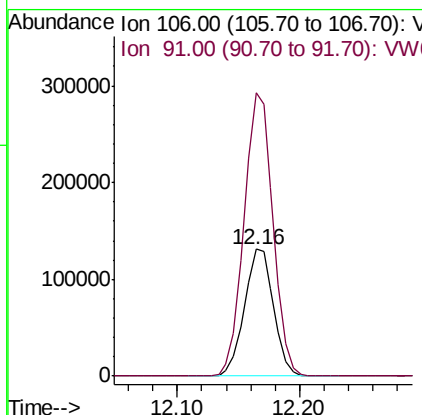
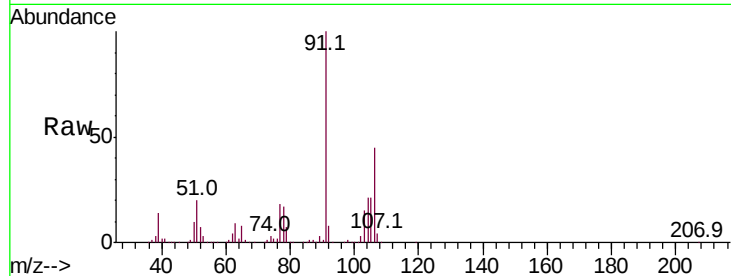
#69
o-Xylene
Concen: 49.455 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	216422		
91	222.2	108.9	326.6	

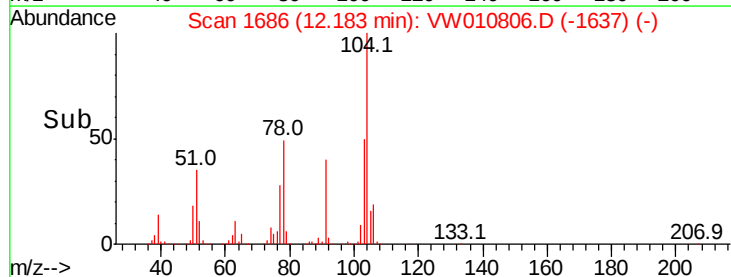
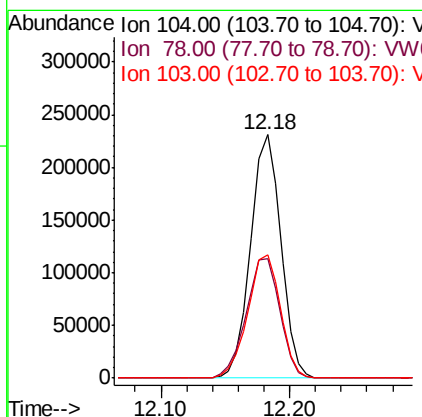
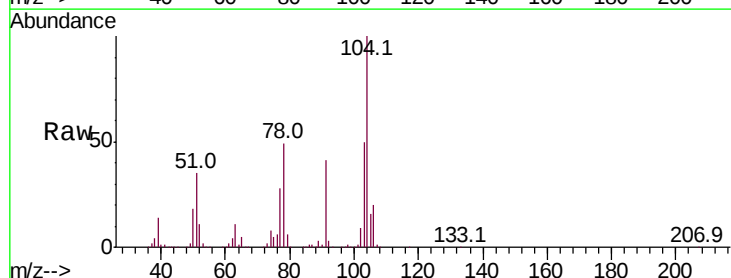
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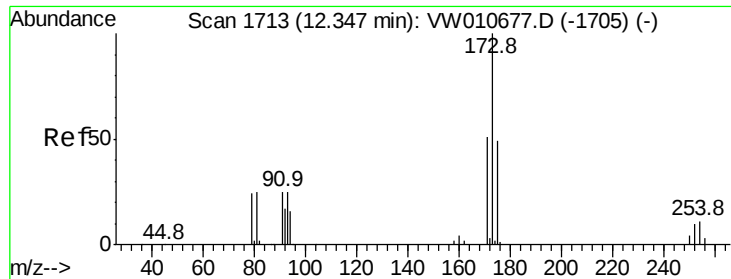
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#70
Styrene
Concen: 49.089 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	373180		
78	54.9	42.7	64.1	
103	54.9	43.6	65.4	





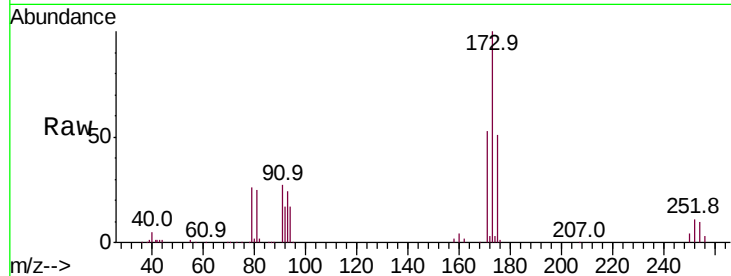
#71
Bromoform
Concen: 45.812 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

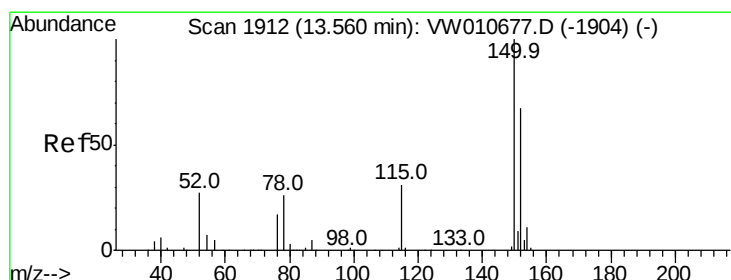
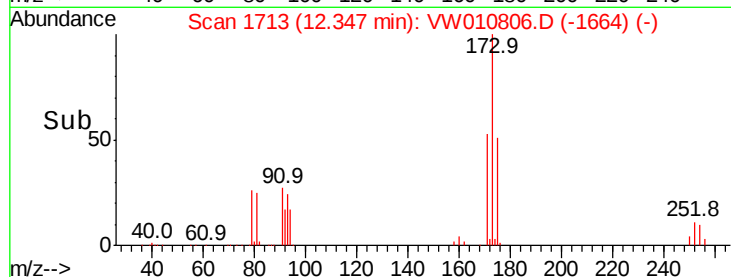
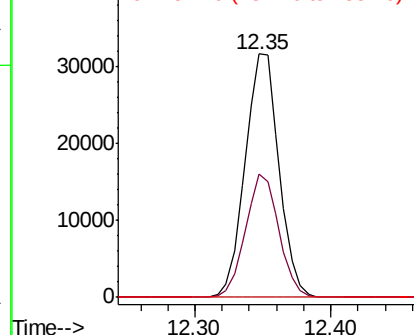
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.3	72.8
254	0.1	0.1	0.1

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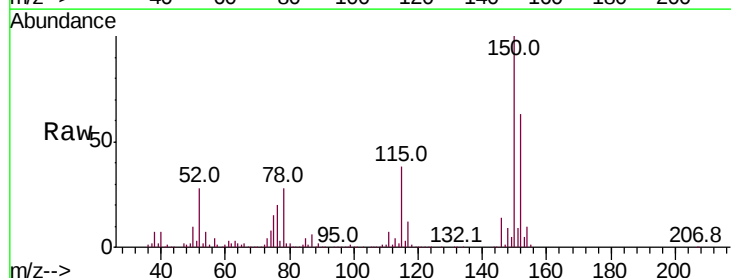


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

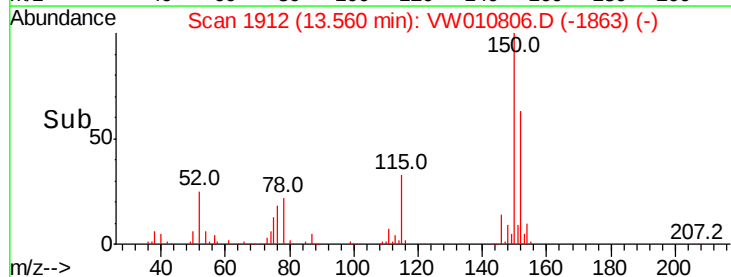
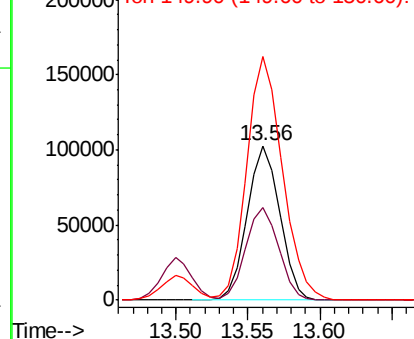


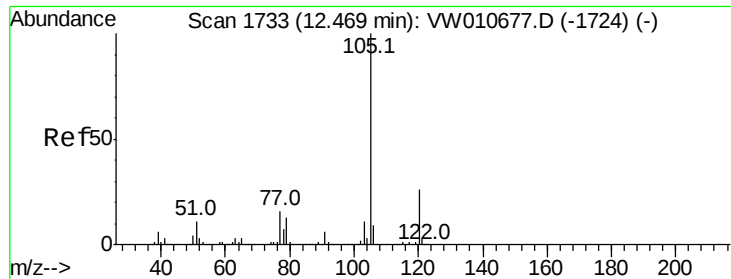
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	29.8	89.3
150	172.3	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





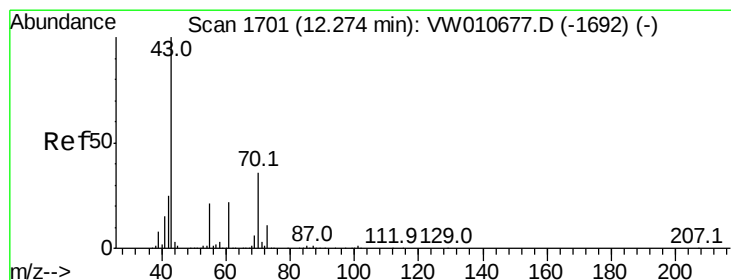
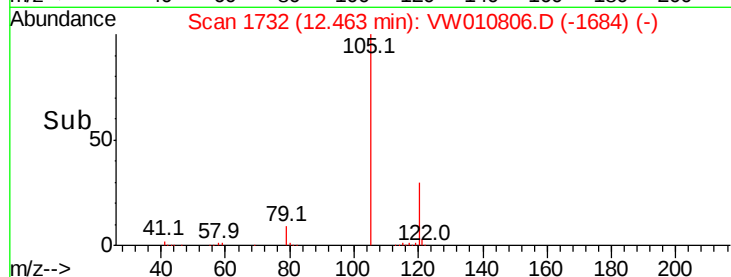
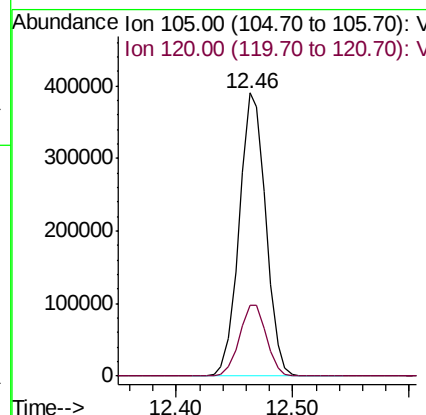
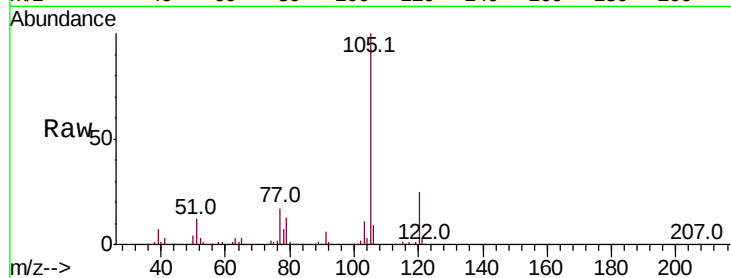
#73
Isopropylbenzene
Concen: 51.185 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.1	39.1

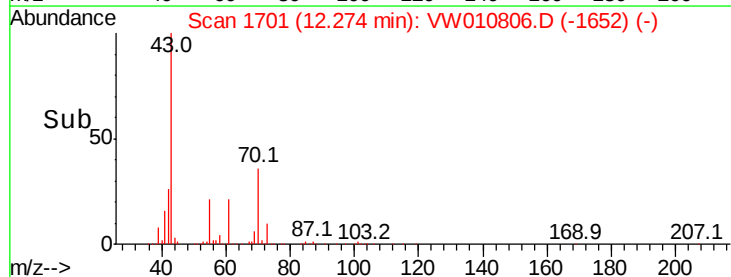
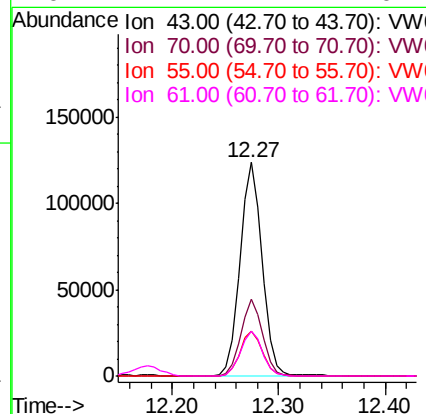
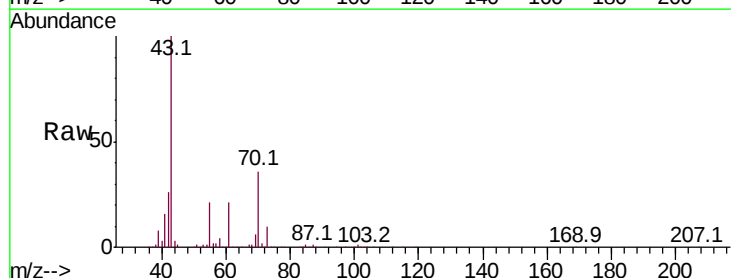
Manual Integrations
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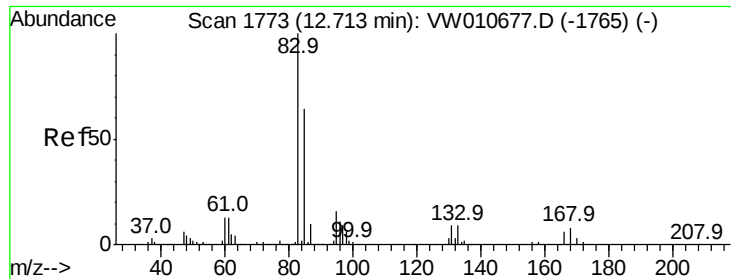
MMDadoda
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#74
N-ethyl acetate
Concen: 46.028 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.6	29.2	43.8
55	21.6	17.5	26.3
61	21.2	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.349 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 101988

Ion Ratio Lower Upper

83 100

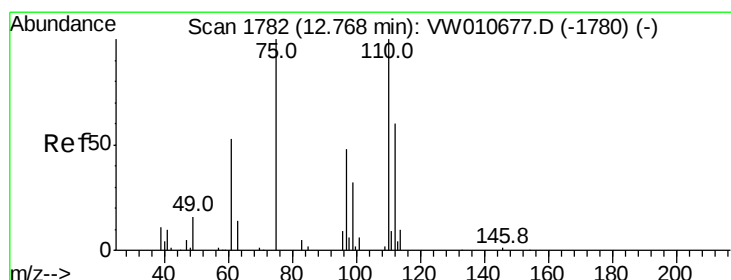
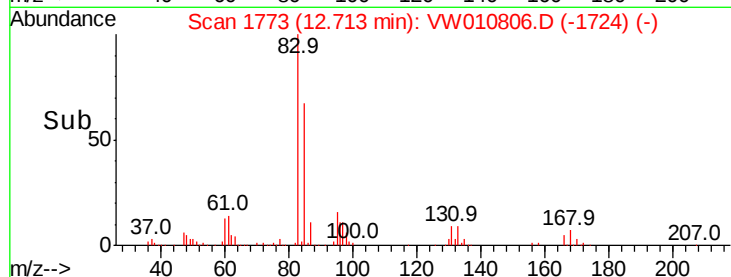
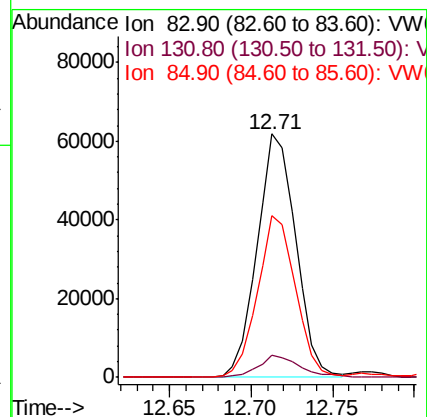
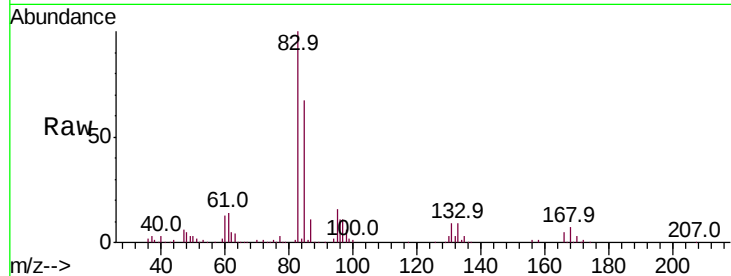
131 9.7 4.9 14.7

85 65.2 31.9 95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.916 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010806.D

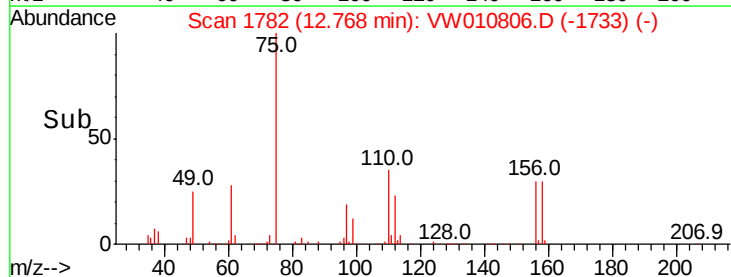
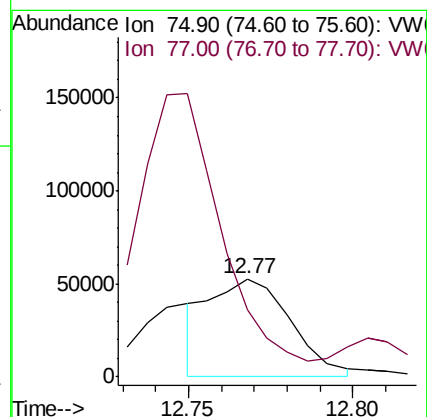
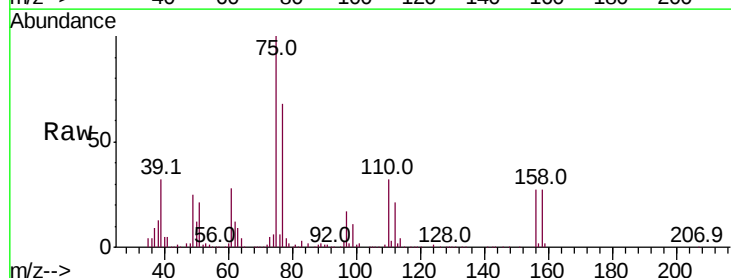
Acq: 14 Jun 2019 11:17

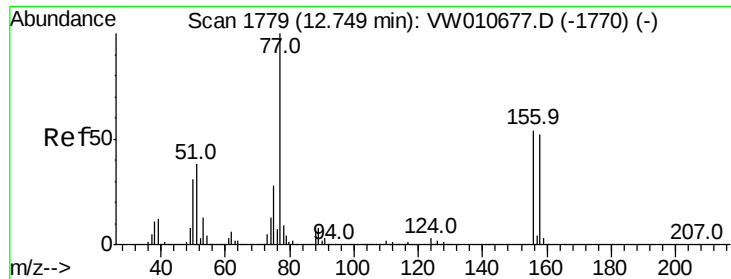
Tgt Ion: 75 Resp: 91015

Ion Ratio Lower Upper

75 100

77 308.2 0.0 0.0#





#77

Bromobenzene

Concen: 48.841 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

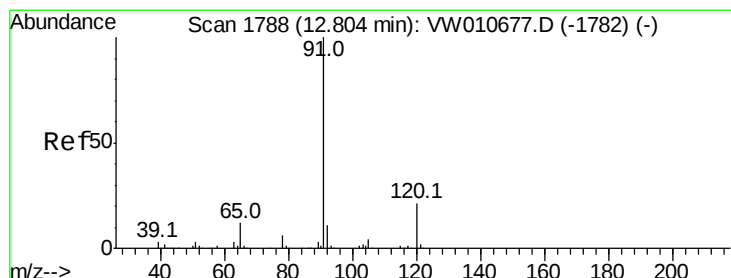
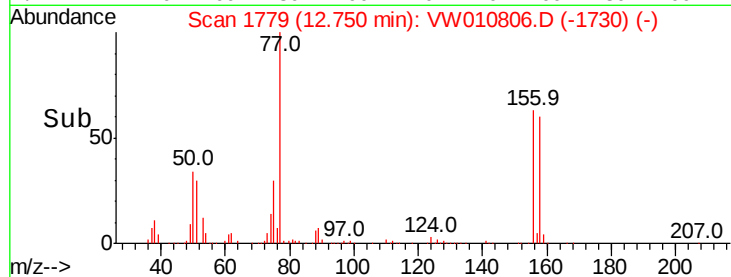
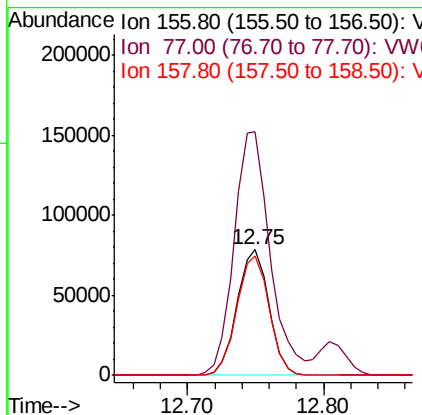
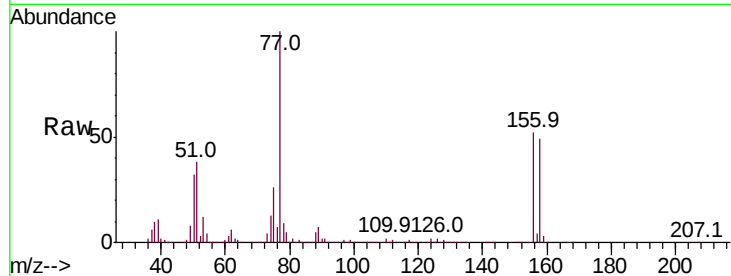
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	217.8	106.5	319.4
158	96.4	48.3	144.9

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#78

n-propylbenzene

Concen: 51.155 ug/l

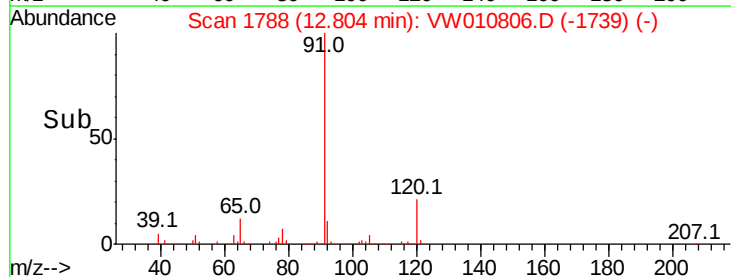
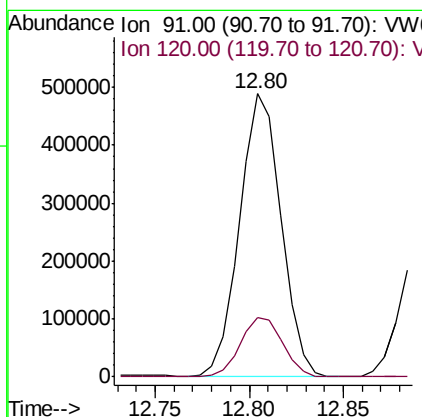
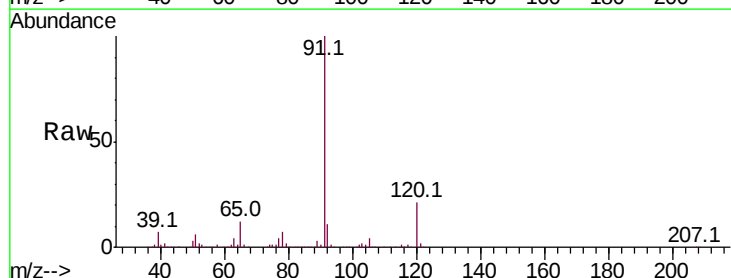
RT: 12.80 min Scan# 1788

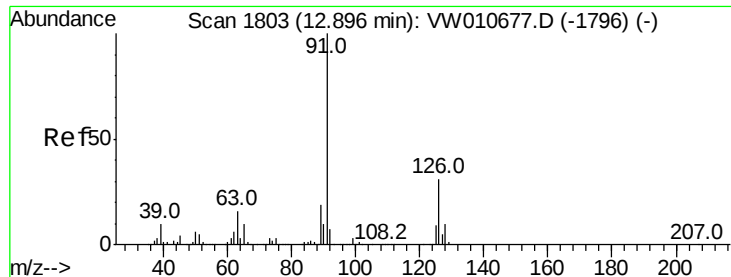
Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.4





#79

2-Chlorotoluene

Concen: 51.135 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 425525

Ion Ratio Lower Upper

91 100

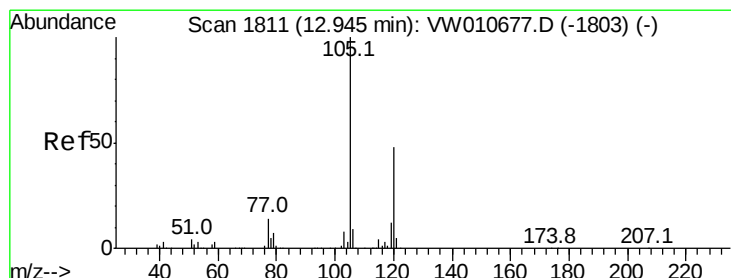
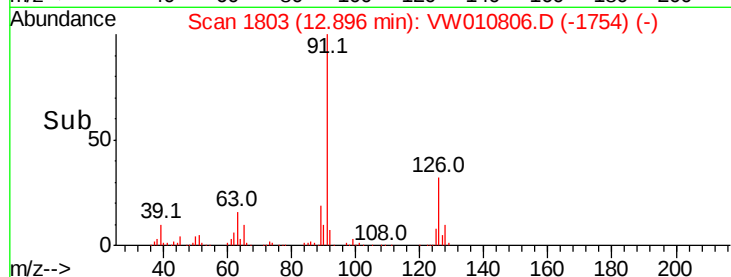
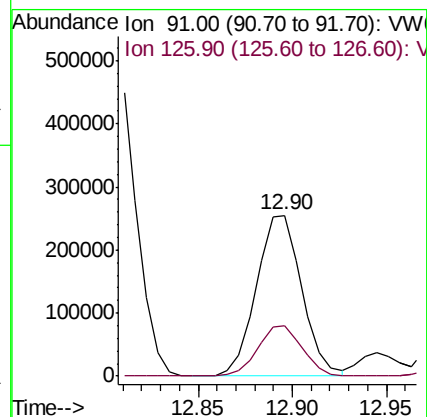
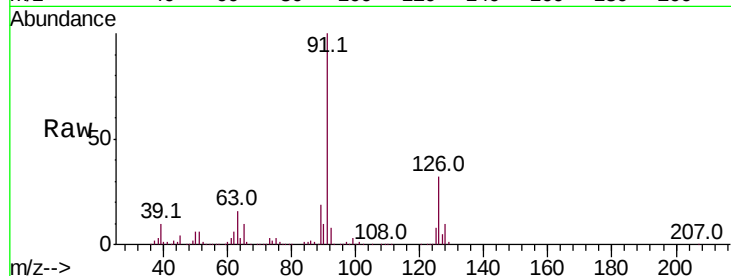
126 30.9 15.7 47.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.583 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010806.D

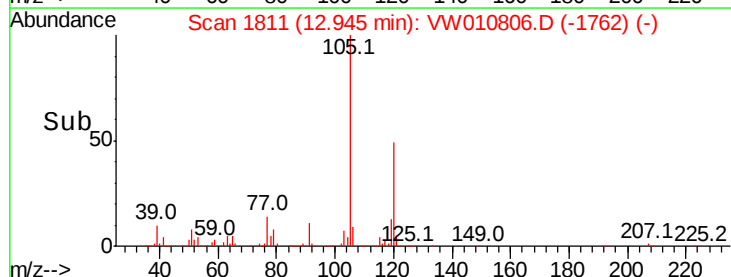
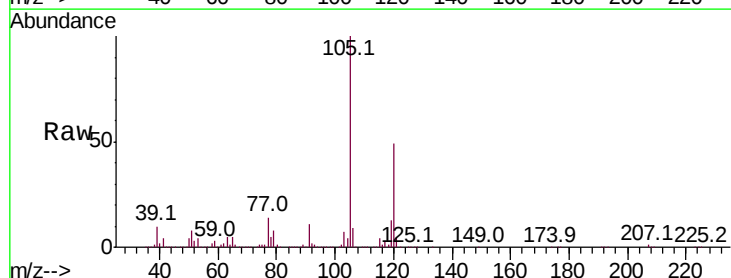
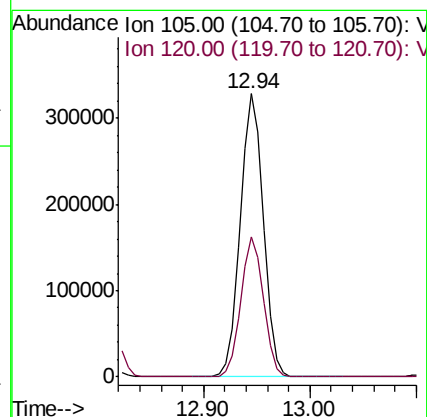
Acq: 14 Jun 2019 11:17

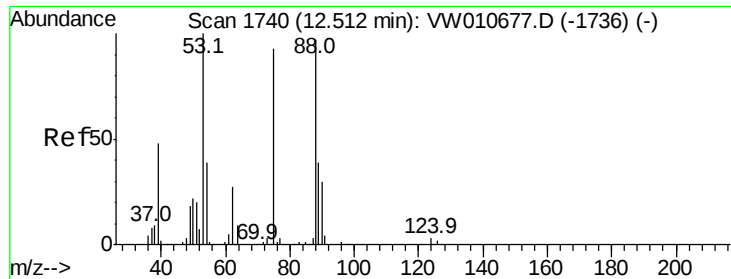
Tgt Ion: 105 Resp: 500134

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





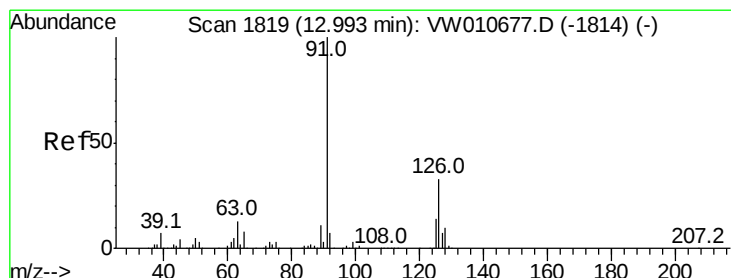
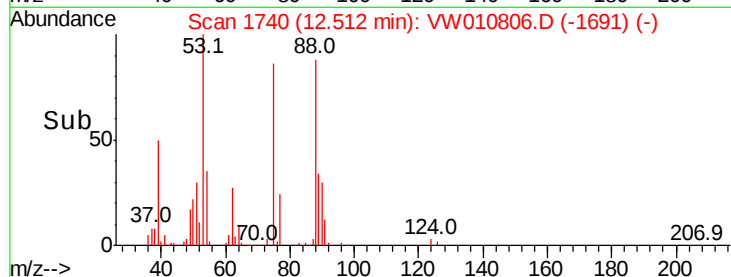
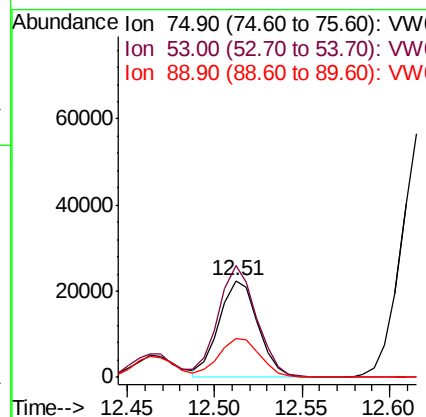
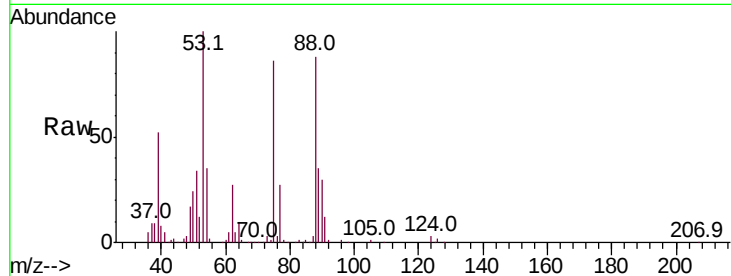
#81
trans-1,4-Dichloro-2-butene
Concen: 47.387 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.9	90.1	135.1
89	42.6	34.6	52.0

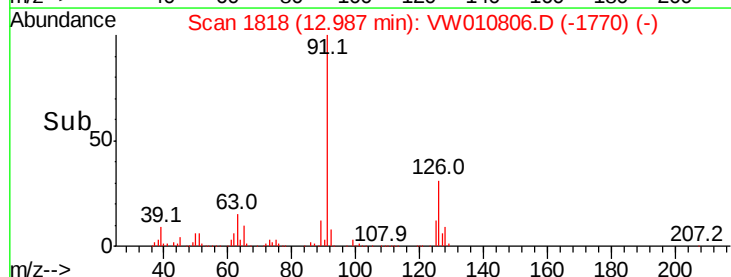
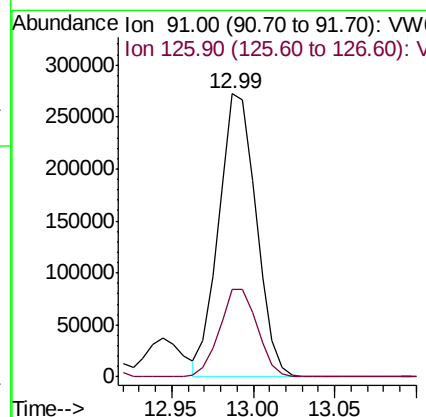
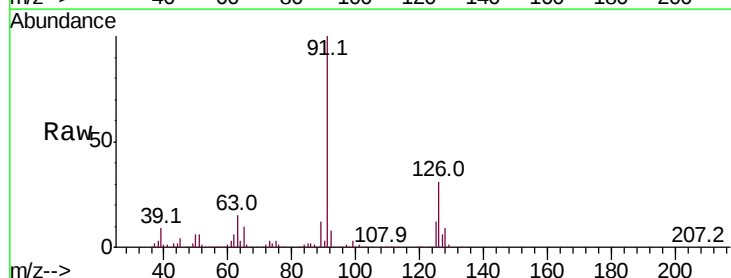
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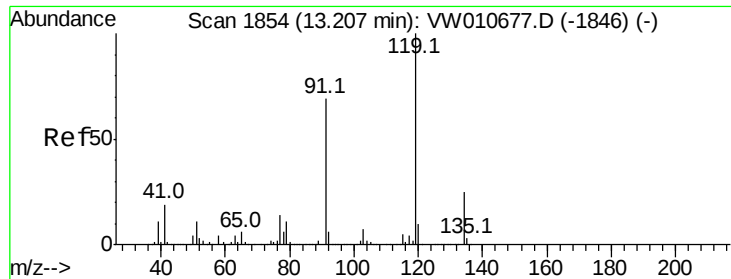
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#82
4-Chlorotoluene
Concen: 50.685 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.9	47.7





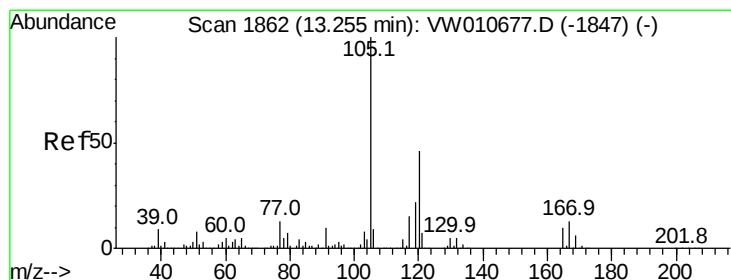
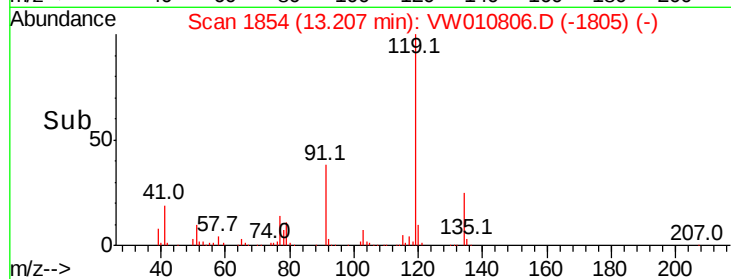
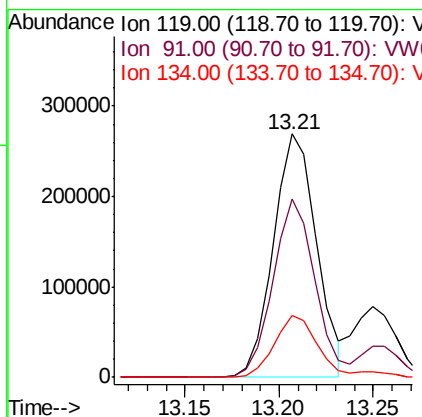
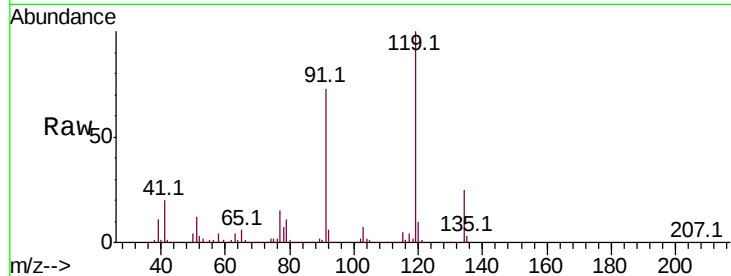
#83
tert-Butylbenzene
Concen: 51.041 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	428299		
91	71.5	35.1	105.3	
134	26.9	13.6	40.7	

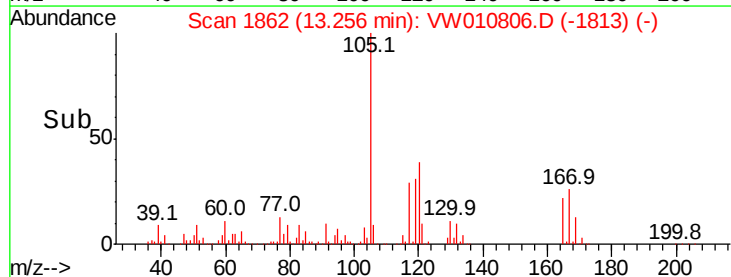
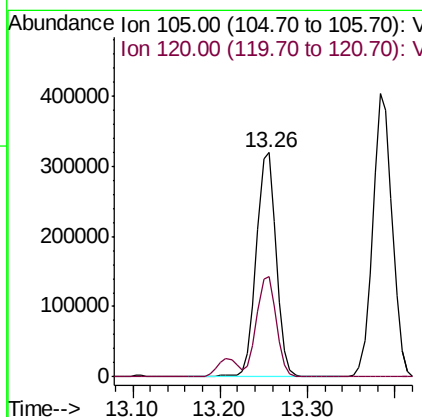
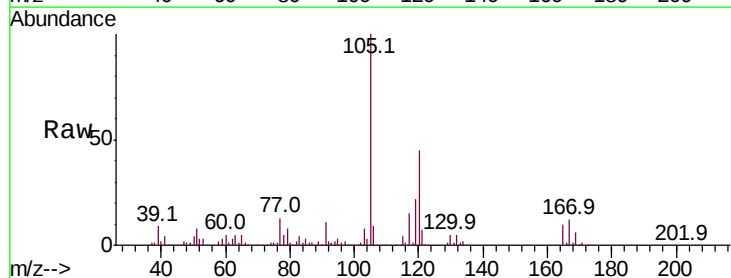
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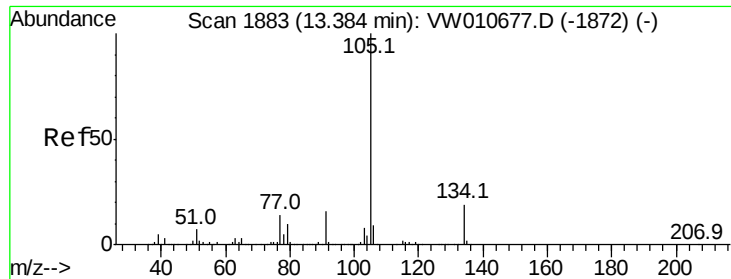
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#84
1,2,4-Trimethylbenzene
Concen: 50.391 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	501378		
120	44.4	22.5	67.5	





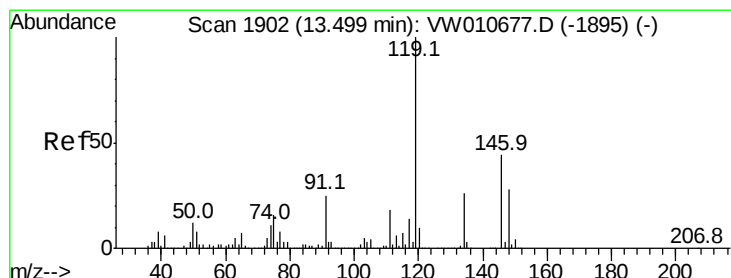
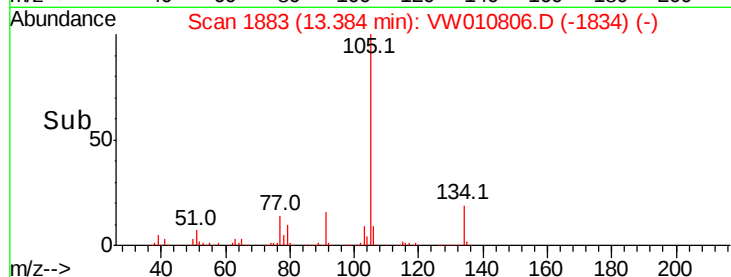
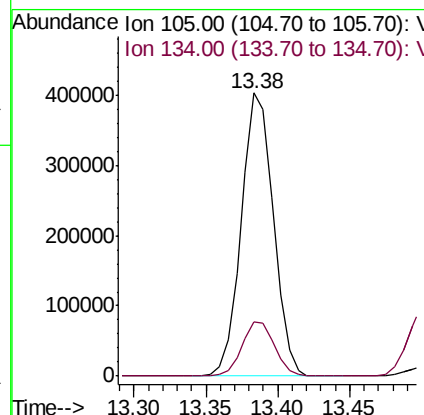
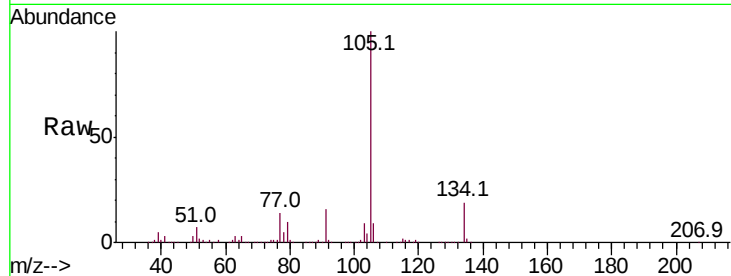
#85
 sec-Butylbenzene
 Concen: 51.030 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

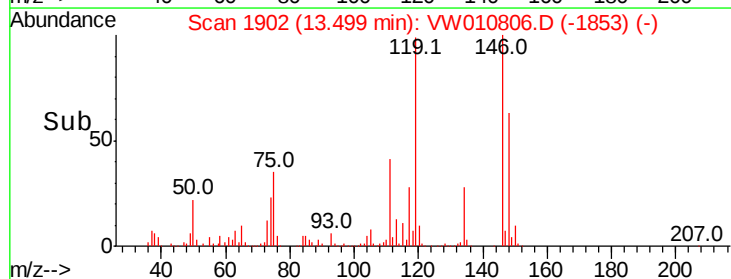
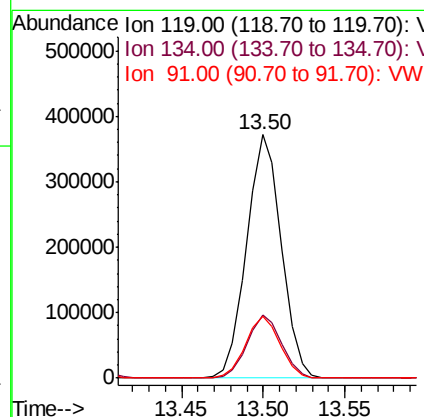
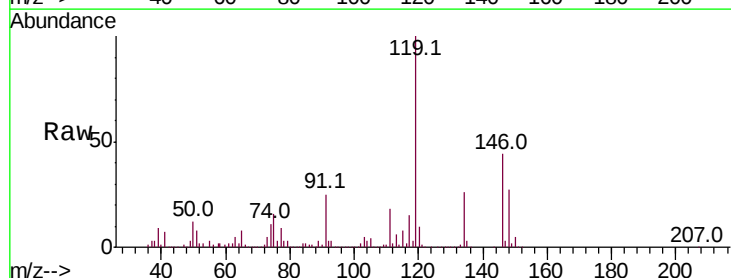
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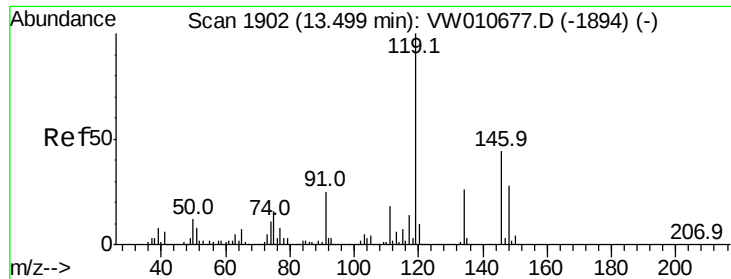
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#86
 p-Isopropyltoluene
 Concen: 50.345 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.0	39.0
91	24.9	12.2	36.4





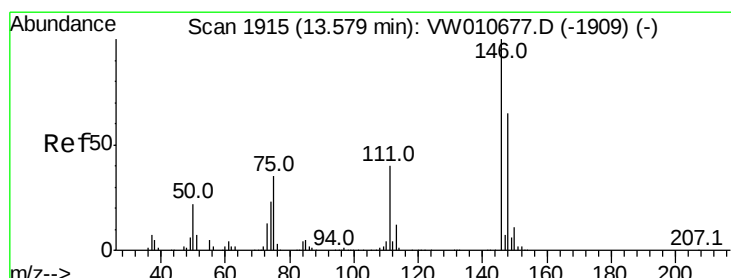
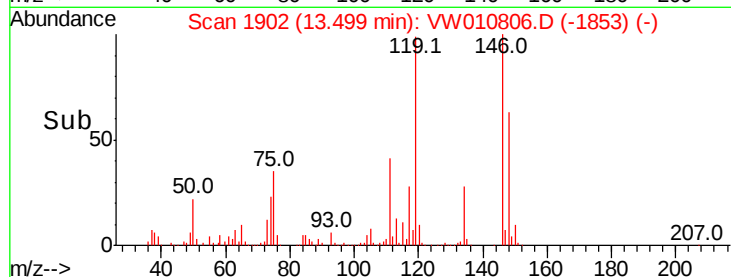
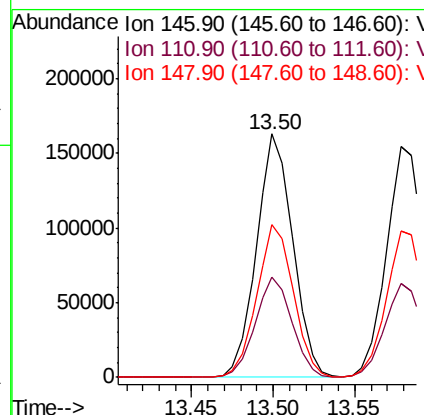
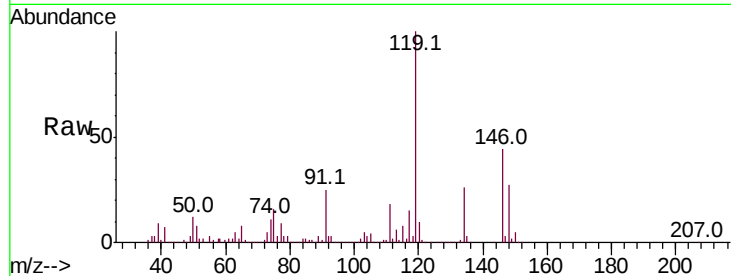
#87
1,3-Dichlorobenzene
Concen: 49.647 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	252456		
111	41.5	20.4	61.3	
148	63.0	31.5	94.5	

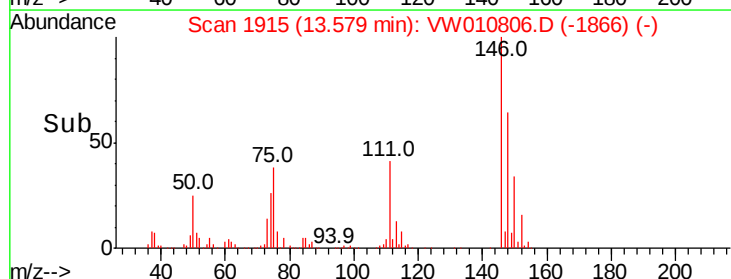
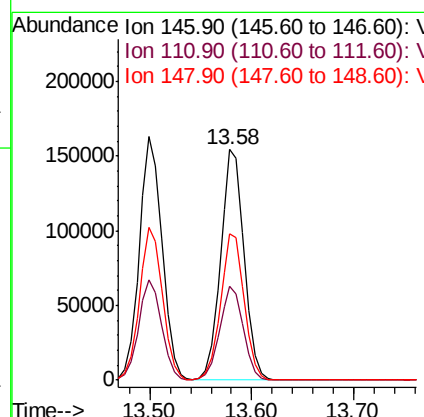
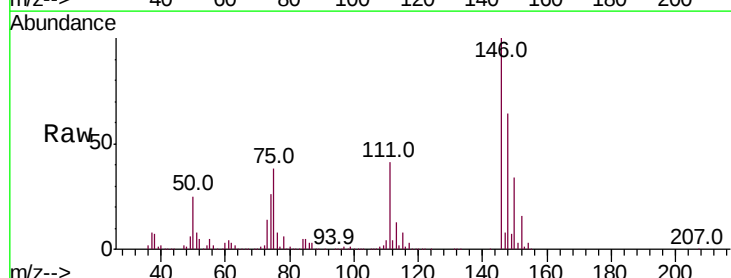
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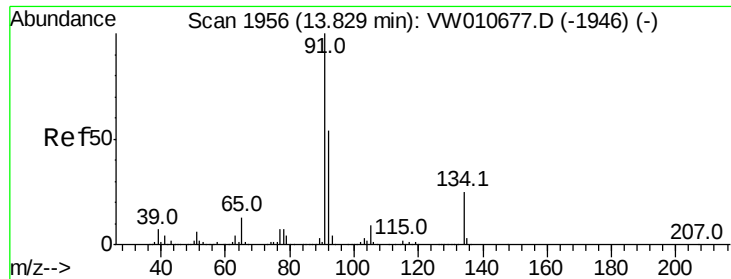
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#88
1,4-Dichlorobenzene
Concen: 49.097 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	247505		
111	41.1	20.3	60.9	
148	63.8	32.4	97.2	





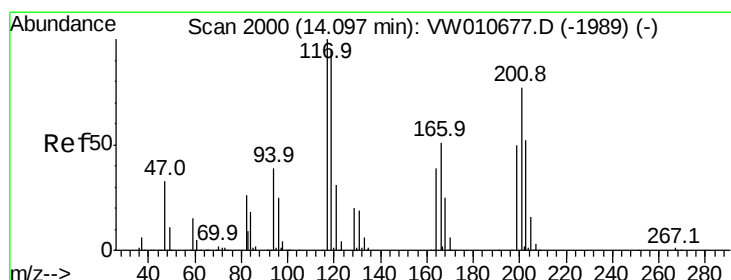
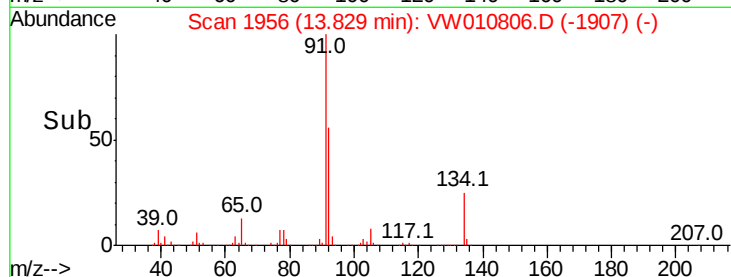
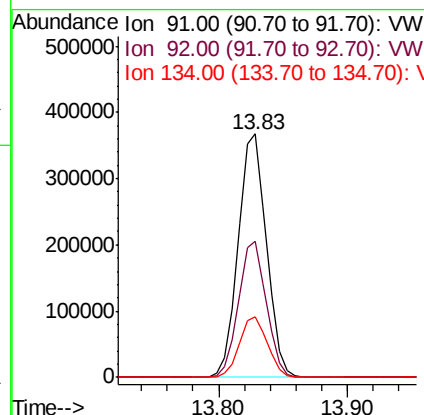
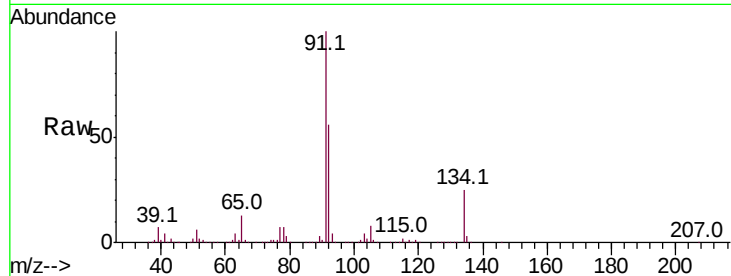
#89
n-Butylbenzene
Concen: 51.316 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.1	27.3	81.8	
134	24.7	12.3	36.9	

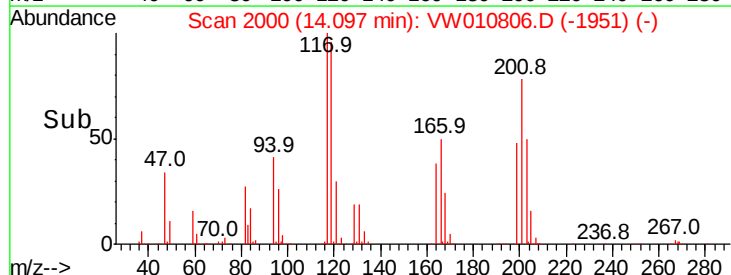
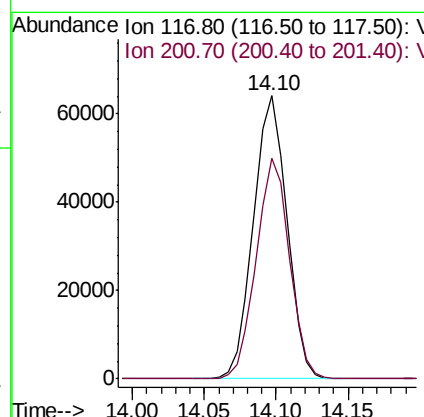
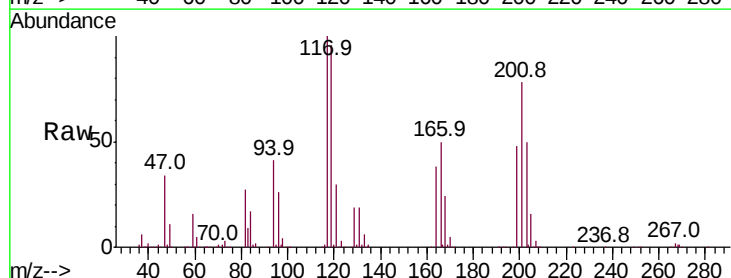
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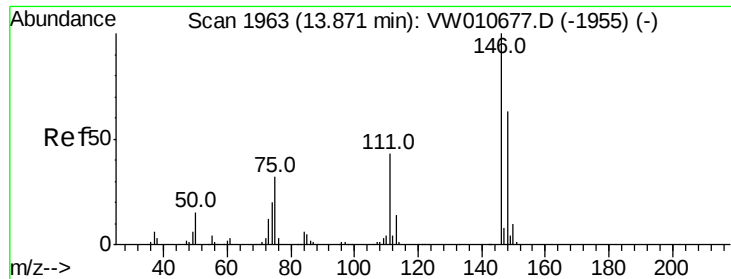
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#90
Hexachloroethane
Concen: 52.756 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	77.2	38.8	116.4	





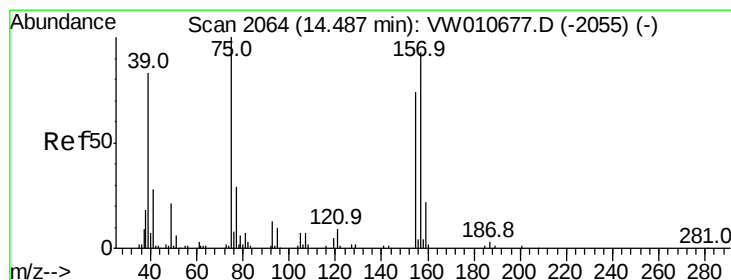
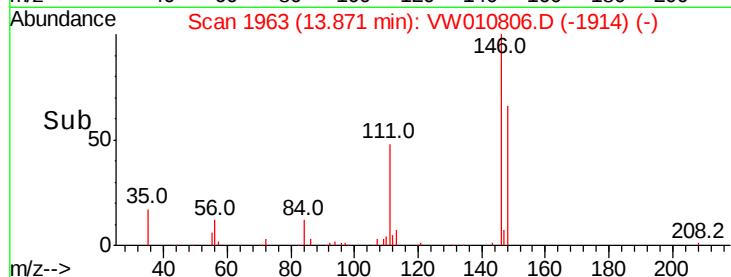
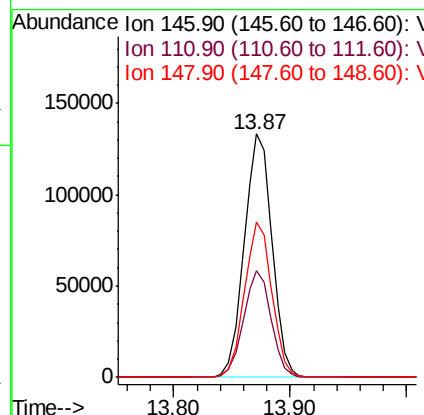
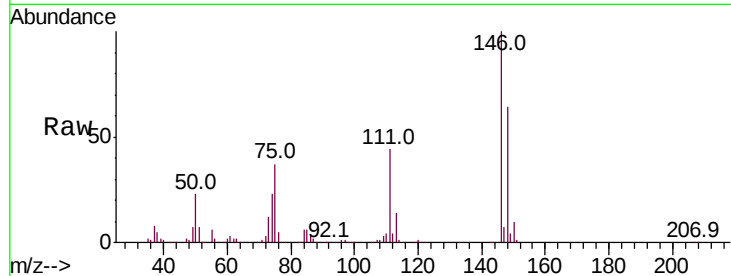
#91
1,2-Dichlorobenzene
Concen: 48.515 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.5	64.5
148	62.7	31.9	95.5

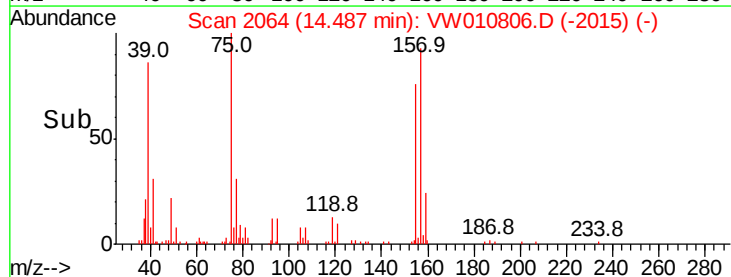
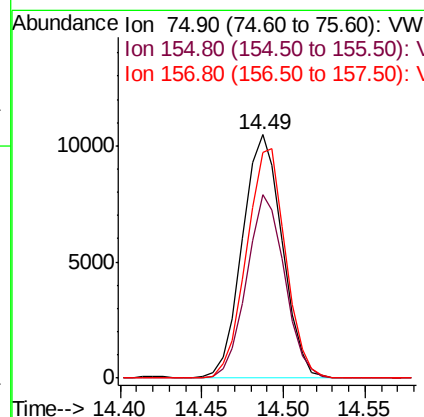
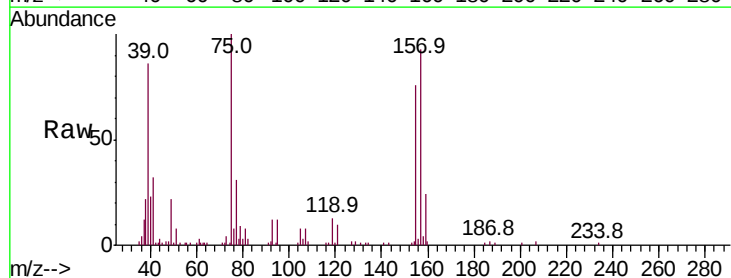
Manual Integrations
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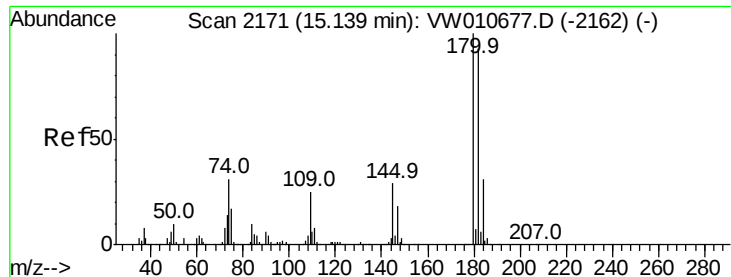
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#92
1,2-Dibromo-3-Chloropropane
Concen: 45.125 ug/l
RT: 14.49 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.9	38.8	116.4
157	92.2	48.4	145.0





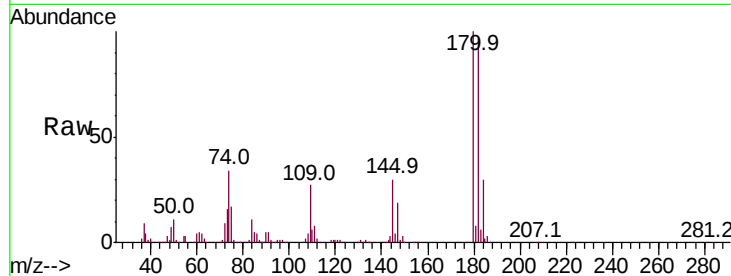
#93
 1,2,4-Trichlorobenzene
 Concen: 50.033 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.8	47.1	141.4	
145	30.9	15.2	45.5	

Manual Integrations
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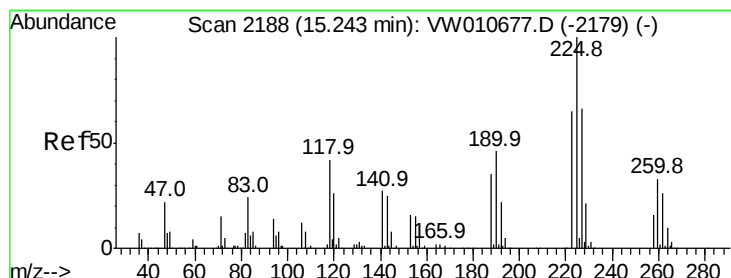
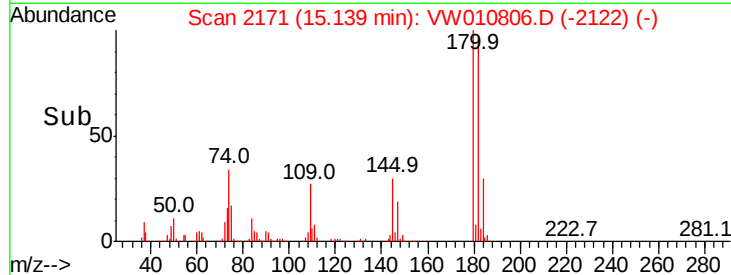
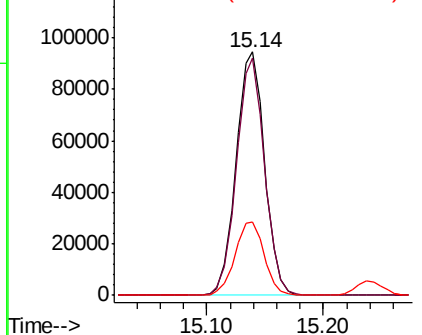


Abundance

Ion 179.80 (179.50 to 180.50): V

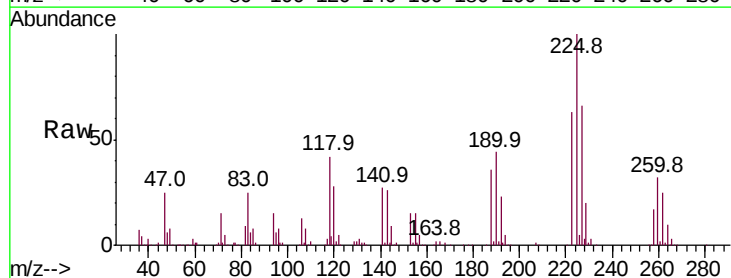
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.108 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	32.2	96.6	
227	62.9	32.0	96.0	

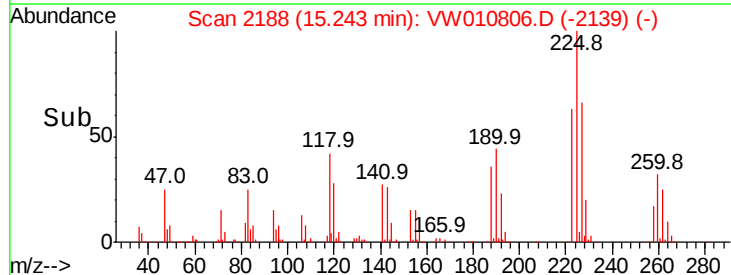
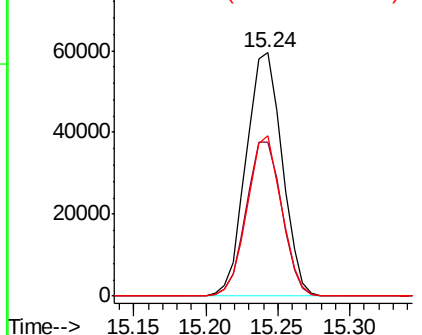


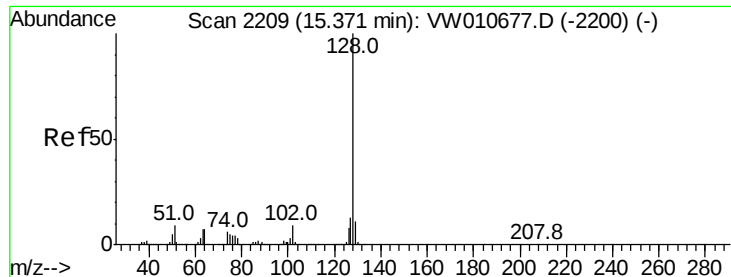
Abundance

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: 47.008 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

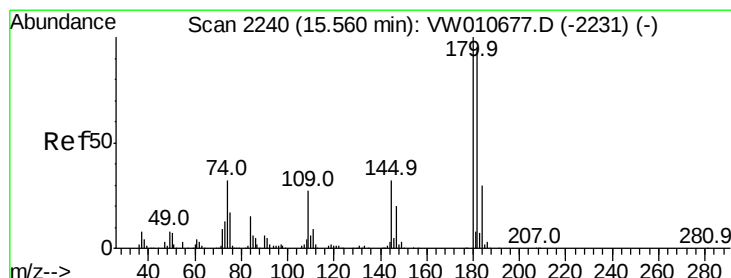
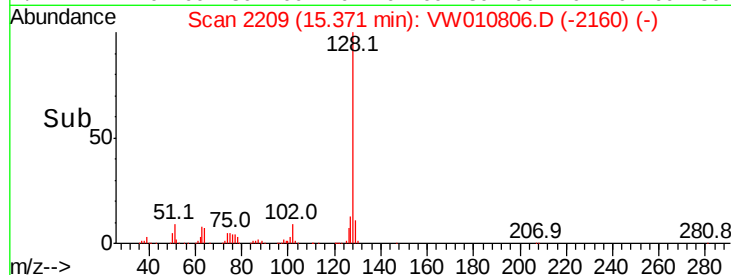
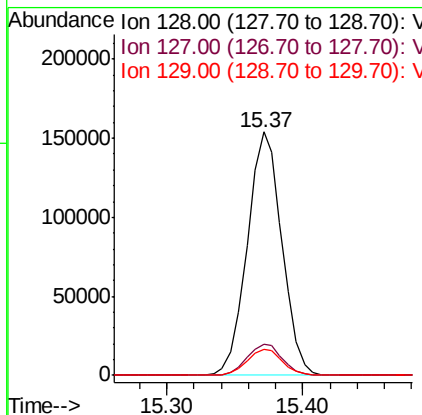
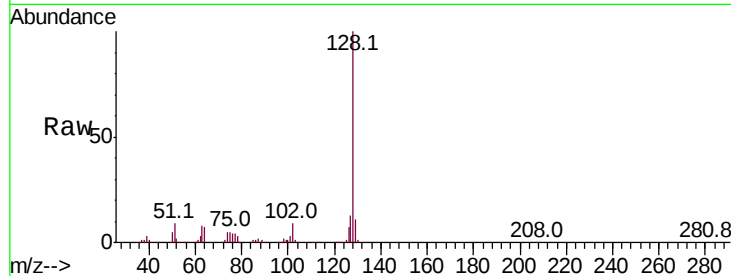
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	274078
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	11.0	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 50.314 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Tgt Ion:	180	Resp:	137314
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.0	141.0
145	32.0	16.1	48.3

