

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010883.D
 Acq On : 20 Jun 2019 10:46
 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

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 6/21/2019 3:20:57 PM

Quant Time: Jun 21 07:54:00 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	251202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	355793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141346	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
35) Dibromofluoromethane	7.88	113	115024	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	10.32	98	482051	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.62	95	173829	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	107825	46.449	ug/l	98
3) Chloromethane	2.21	50	161459	47.275	ug/l	100
4) Vinyl Chloride	2.35	62	150807	47.792	ug/l	98
5) Bromomethane	2.76	94	90830	52.418	ug/l	97
6) Chloroethane	2.91	64	94870	50.088	ug/l	100
7) Trichlorofluoromethane	3.25	101	222229	54.254	ug/l	100
8) Diethyl Ether	3.68	74	72486	49.518	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	138135	54.852	ug/l	99
10) Methyl Iodide	4.27	142	99524	39.481	ug/l	98
11) Tert butyl alcohol	5.17	59	54863	227.446	ug/l	97
12) 1,1-Dichloroethene	4.03	96	128028	52.702	ug/l	96
13) Acrolein	3.90	56	18504	187.729	ug/l	97
14) Allyl chloride	4.67	41	298543	55.735	ug/l	99
15) Acrylonitrile	5.37	53	170615	239.916	ug/l	99
16) Acetone	4.12	43	225467	284.195	ug/l	97
17) Carbon Disulfide	4.37	76	366614	47.540	ug/l	98
18) Methyl Acetate	4.67	43	82930	48.560	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	347667	49.621	ug/l	97
20) Methylene Chloride	4.92	84	137527	49.414	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	146676	53.187	ug/l	95
22) Diisopropyl ether	6.31	45	589117	54.936	ug/l	99
23) Vinyl Acetate	6.26	43	1704429	263.366	ug/l	100
24) 1,1-Dichloroethane	6.21	63	300021	55.827	ug/l	99
25) 2-Butanone	7.17	43	287033	260.917	ug/l	95
26) 2,2-Dichloropropane	7.17	77	257644	58.916	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	163071	53.731	ug/l	97
28) Bromochloromethane	7.51	49	127857	53.311	ug/l	95
29) Tetrahydrofuran	7.52	42	160446	231.875	ug/l	99
30) Chloroform	7.68	83	272257	55.387	ug/l	99
31) Cyclohexane	7.95	56	306064	51.233	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	242632	56.506	ug/l	99
36) 1,1-Dichloropropene	8.08	75	232432	55.737	ug/l	100
37) Ethyl Acetate	7.25	43	111033	48.049	ug/l	99
38) Carbon Tetrachloride	8.07	117	203941	56.652	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	286489	54.043	ug/l	99
40) Benzene	8.32	78	624250	54.873	ug/l	99
41) Methacrylonitrile	7.48	41	76019	55.345	ug/l	93
42) 1,2-Dichloroethane	8.40	62	194690	53.922	ug/l	98
43) Isopropyl Acetate	8.42	43	221110	49.527	ug/l	100
44) Trichloroethene	9.09	130	151399	53.950	ug/l	97
45) 1,2-Dichloropropane	9.37	63	165980	55.116	ug/l	95
46) Dibromomethane	9.46	93	72371	51.740	ug/l	98
47) Bromodichloromethane	9.65	83	199101	54.912	ug/l	96
48) Methyl methacrylate	9.43	41	108071	50.207	ug/l	98
49) 1,4-Dioxane	9.45	88	19099	873.346	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	556501	244.001	ug/l	99
52) Toluene	10.39	92	383250	54.753	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	203015	52.863	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	244914	54.196	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	102477	50.856	ug/l	99
56) Ethyl methacrylate	10.65	69	153435	49.485	ug/l	95
57) 1,3-Dichloropropane	10.93	76	196921	51.857	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	394803	243.101	ug/l	99
59) 2-Hexanone	10.97	43	417677	253.393	ug/l	98
60) Dibromochloromethane	11.13	129	116069	51.962	ug/l	99
61) 1,2-Dibromoethane	11.24	107	95746	50.150	ug/l	99
64) Tetrachloroethene	10.86	164	124410	52.664	ug/l	97
65) Chlorobenzene	11.66	112	383319	54.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	132641	54.765	ug/l	99
67) Ethyl Benzene	11.73	91	752893	55.992	ug/l	99
68) m/p-Xylenes	11.84	106	538148	111.800	ug/l	99
69) o-Xylene	12.16	106	255941	56.063	ug/l	99
70) Styrene	12.18	104	436117	54.993	ug/l	99
71) Bromoform	12.35	173	61744	49.292	ug/l #	100
73) Isopropylbenzene	12.47	105	719595	56.942	ug/l	99
74) N-amyl acetate	12.27	43	205229	50.249	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	120435	50.060	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	89326m	50.580	ug/l	
77) Bromobenzene	12.75	156	149756	54.288	ug/l	99
78) n-propylbenzene	12.80	91	878989	57.683	ug/l	100
79) 2-Chlorotoluene	12.90	91	492362	56.556	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	585149	56.569	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38525	50.137	ug/l	98
82) 4-Chlorotoluene	12.99	91	506261	56.351	ug/l	99
83) tert-Butylbenzene	13.21	119	501387	57.114	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	581240	55.840	ug/l	100
85) sec-Butylbenzene	13.38	105	727075	56.885	ug/l	100
86) p-Isopropyltoluene	13.50	119	648247	56.715	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	292742	55.030	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	288462	54.696	ug/l	100
89) n-Butylbenzene	13.83	91	659043	57.790	ug/l	99
90) Hexachloroethane	14.10	117	115608	56.479	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	256737	53.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20056	48.546	ug/l	93

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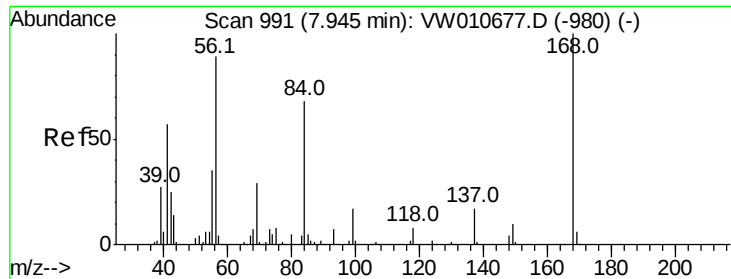
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	180949	53.899	ug/l	100
94) Hexachlorobutadiene	15.24	225	118515	56.248	ug/l	99
95) Naphthalene	15.37	128	307708	50.447	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	152695	53.481	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 251202

Ion Ratio Lower Upper

168 100

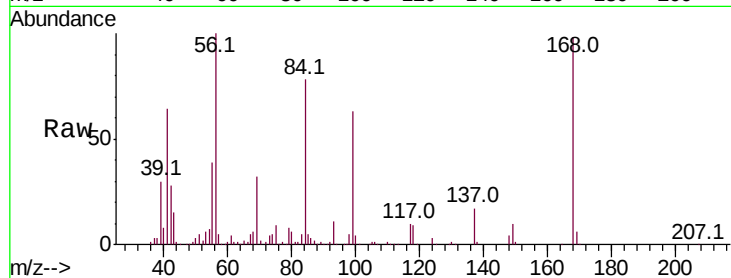
99 64.0 47.7 71.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

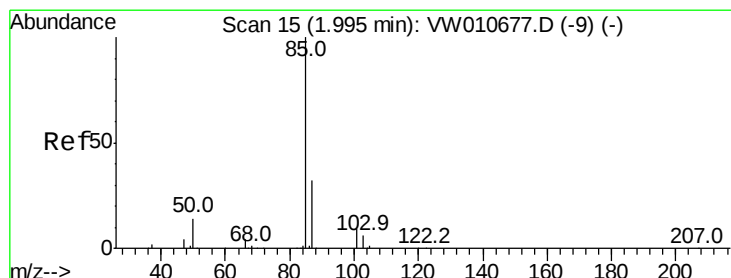
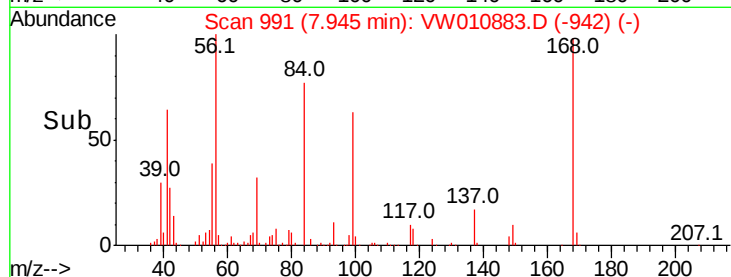
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.449 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010883.D

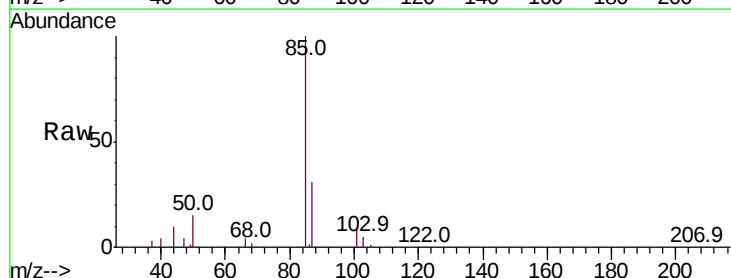
Acq: 20 Jun 2019 10:46

Tgt Ion: 85 Resp: 107825

Ion Ratio Lower Upper

85 100

87 31.0 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

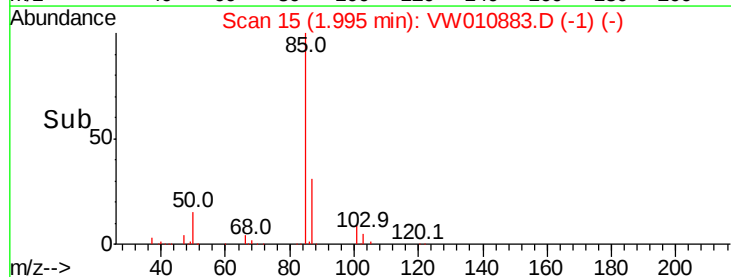
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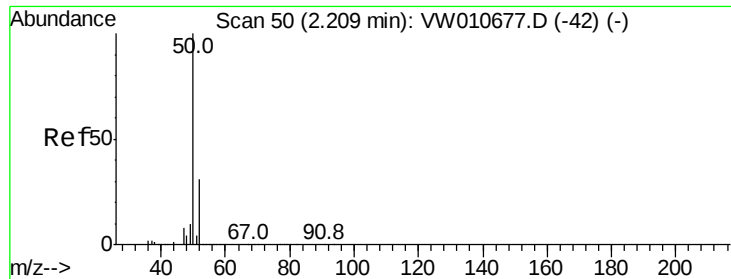
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 47.275 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 161459

Ion Ratio Lower Upper

50 100

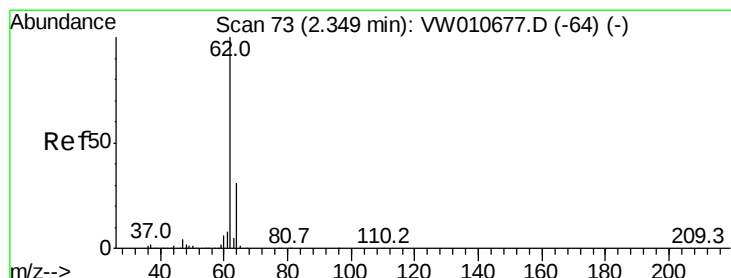
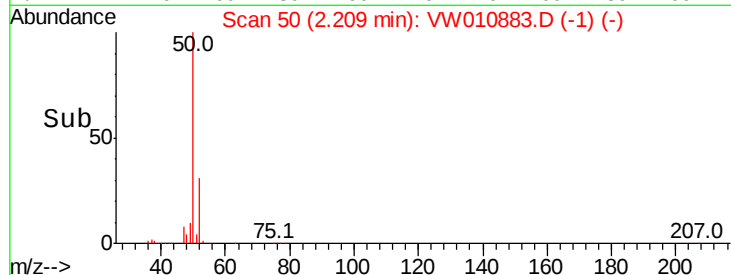
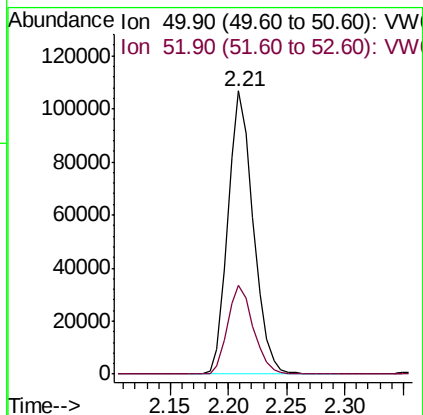
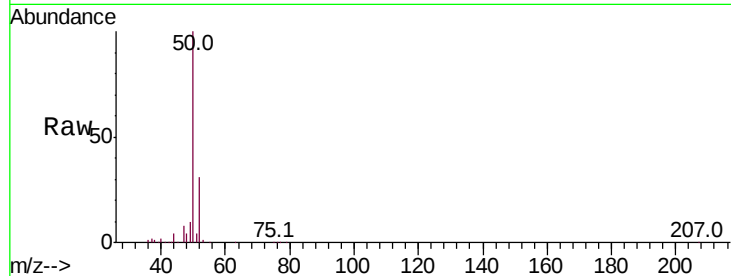
52 31.4 25.2 37.8

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#4

Vinyl Chloride

Concen: 47.792 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010883.D

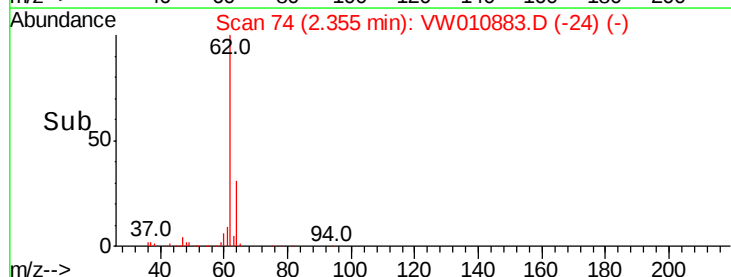
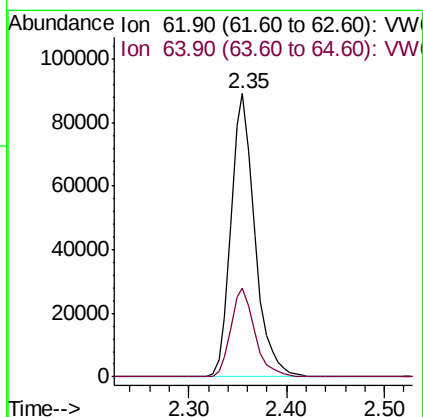
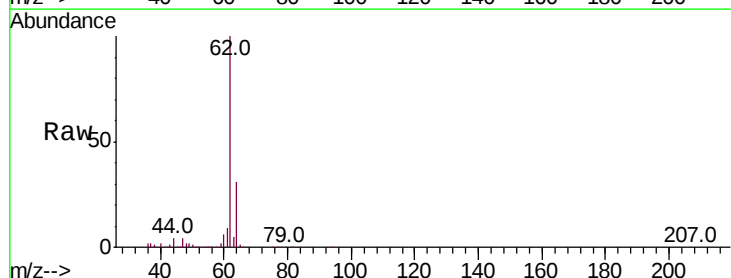
Acq: 20 Jun 2019 10:46

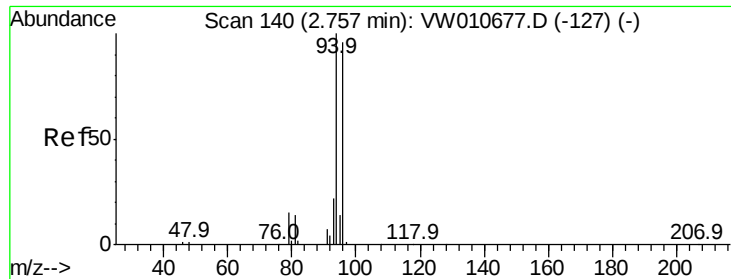
Tgt Ion: 62 Resp: 150807

Ion Ratio Lower Upper

62 100

64 31.4 24.5 36.7





#5

Bromomethane

Concen: 52.418 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 90830

Ion Ratio Lower Upper

94 100

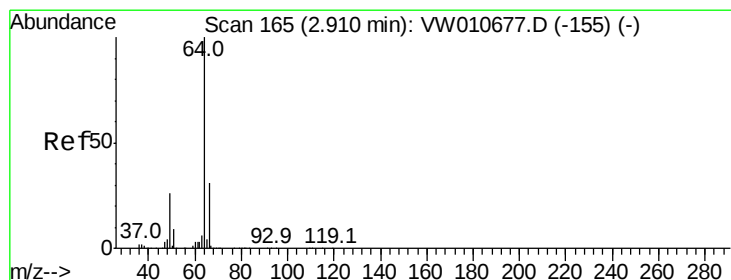
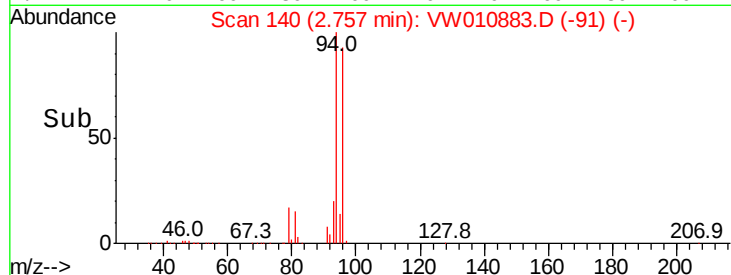
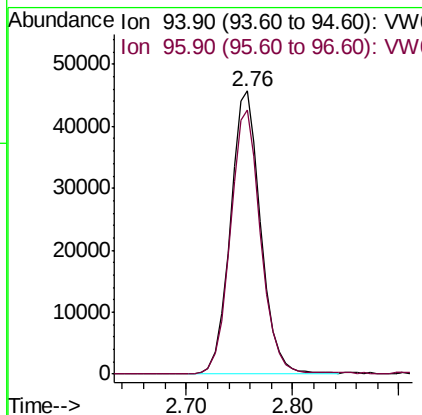
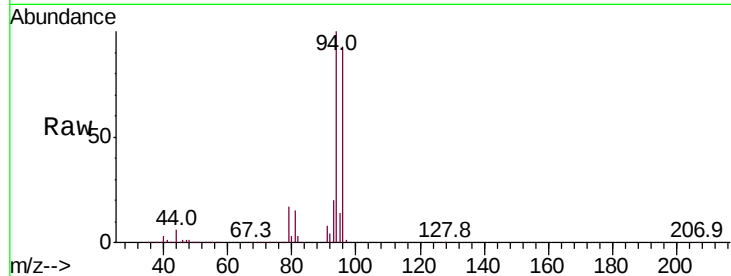
96 93.1 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 50.088 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010883.D

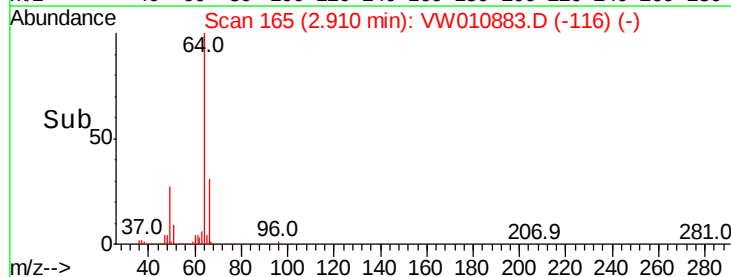
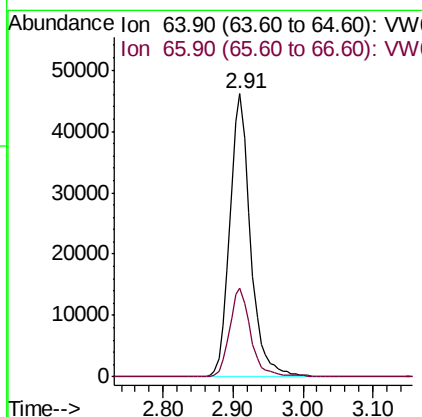
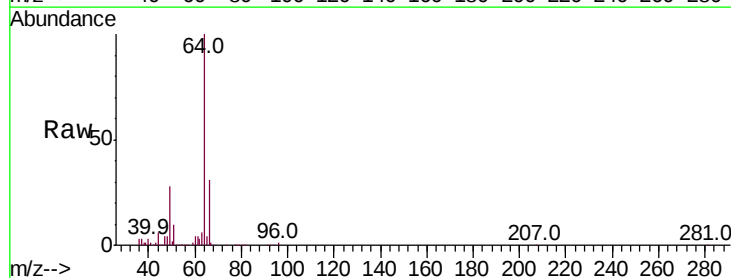
Acq: 20 Jun 2019 10:46

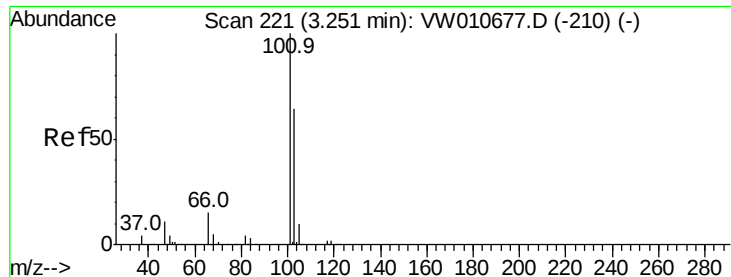
Tgt Ion: 64 Resp: 94870

Ion Ratio Lower Upper

64 100

66 31.3 25.1 37.7





#7

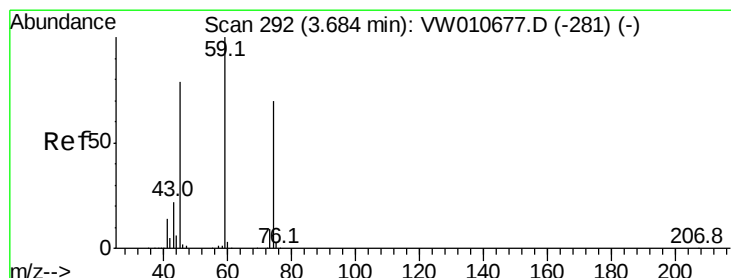
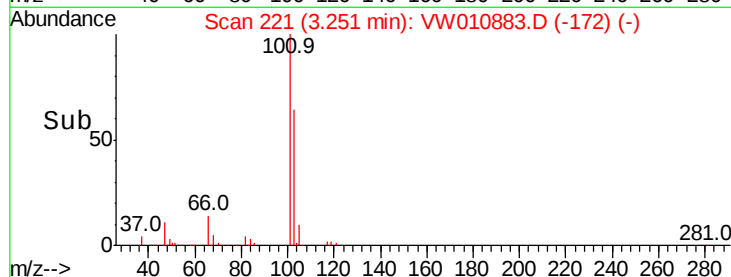
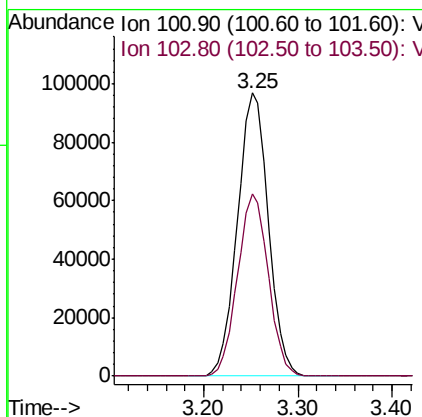
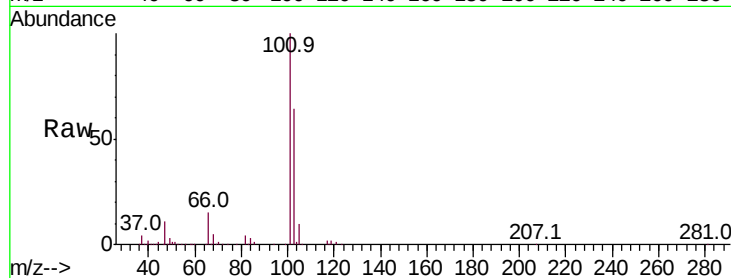
Trichlorofluoromethane
 Concen: 54.254 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.2	76.8

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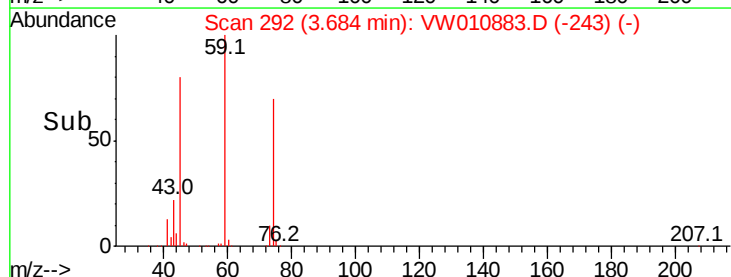
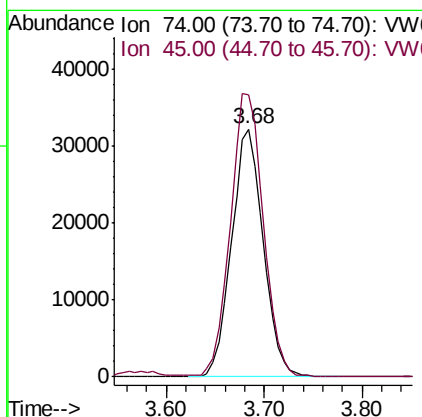
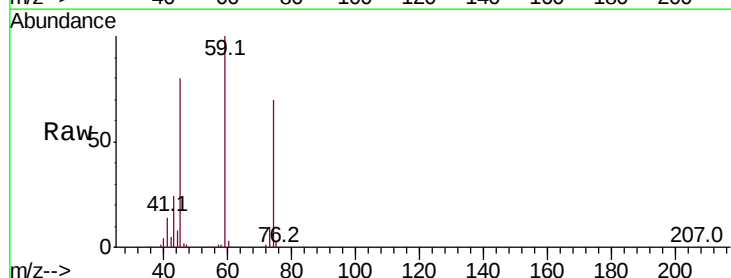
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 6/21/2019 3:20:57 PM

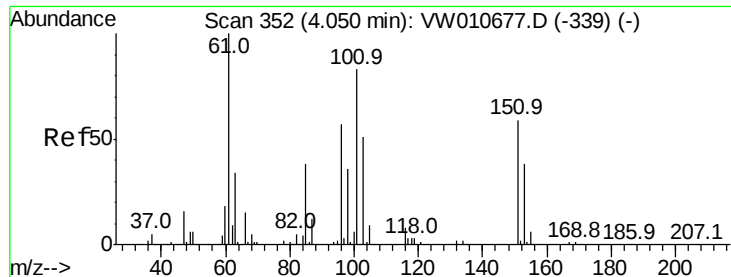


#8

Diethyl Ether
 Concen: 49.518 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.5	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.852 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

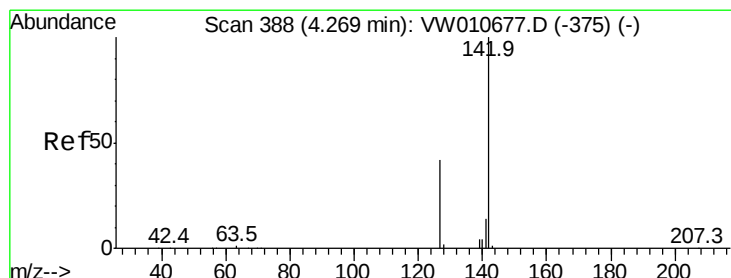
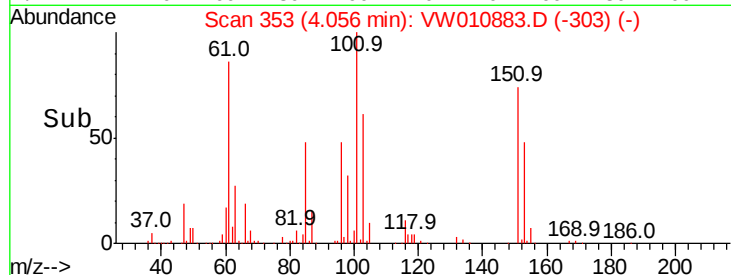
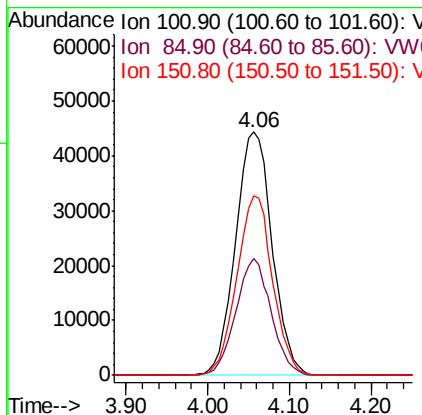
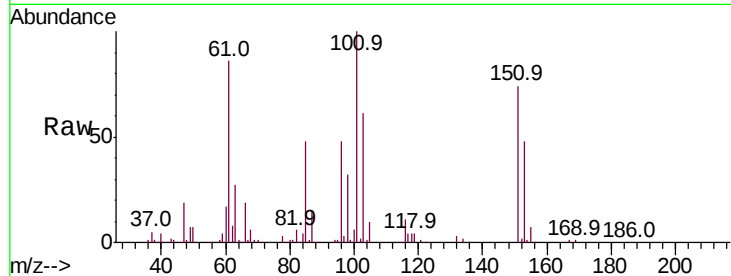
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	138135
Ion Ratio	Lower	Upper	
101	100		
85	46.1	35.8	53.8
151	72.1	58.1	87.1

Manual Integrations
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#10

Methyl Iodide

Concen: 39.481 ug/l

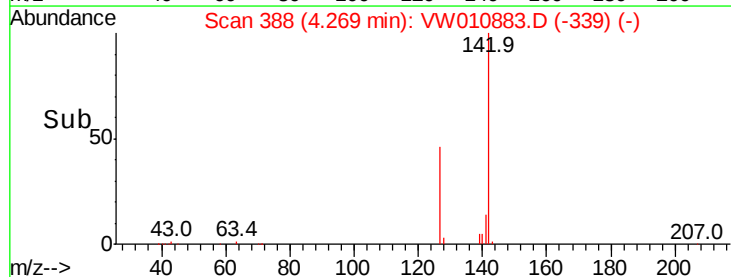
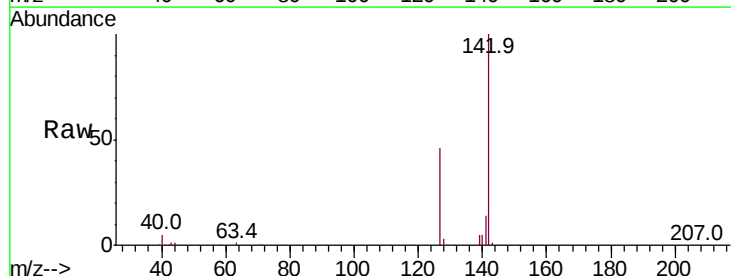
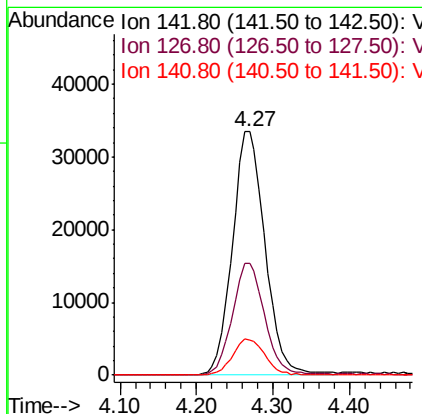
RT: 4.27 min Scan# 388

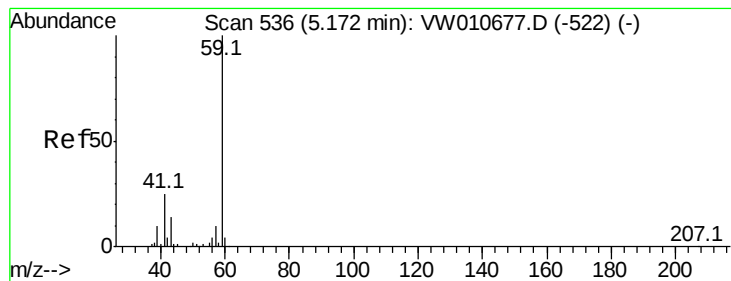
Delta R.T. 0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Tgt Ion:	142	Resp:	99524
Ion Ratio	Lower	Upper	
142	100		
127	45.1	34.6	51.8
141	14.6	11.6	17.4





#11

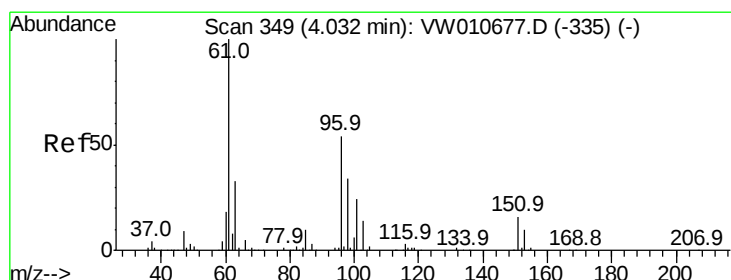
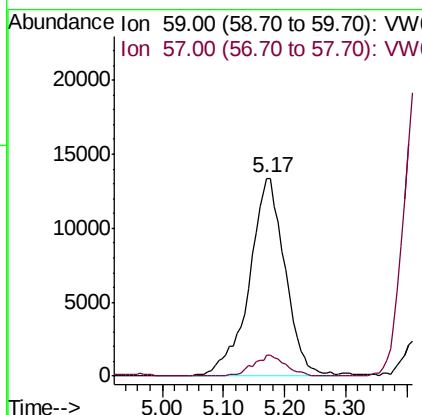
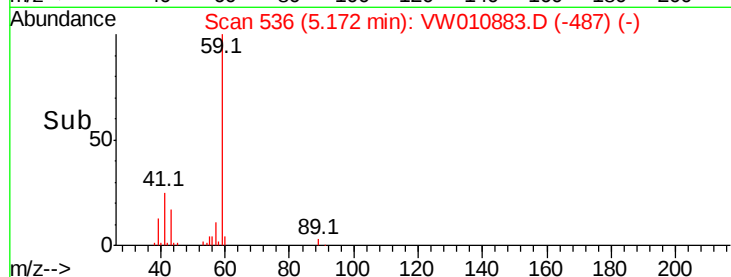
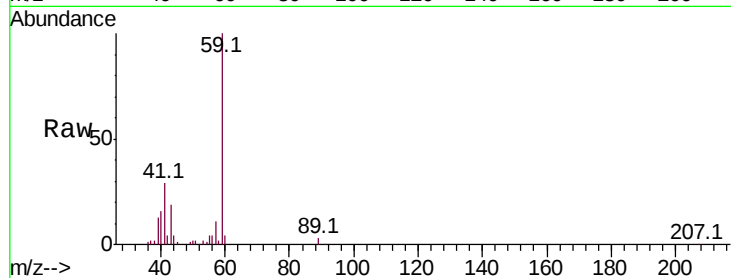
Tert butyl alcohol
Concen: 227.446 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	54863
Ion Ratio	100	Lower	Upper
57	9.6	8.6	12.8

Manual Integrations
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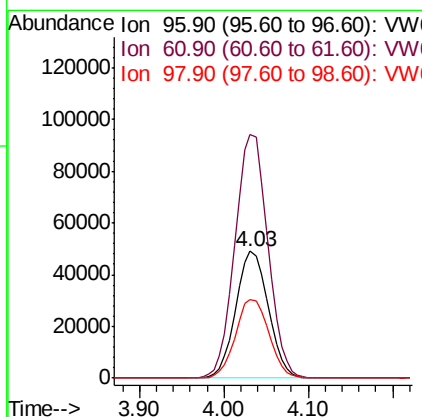
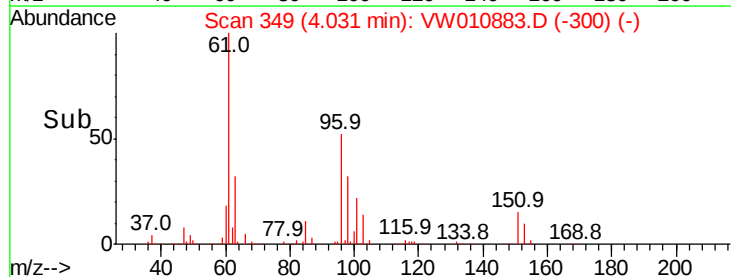
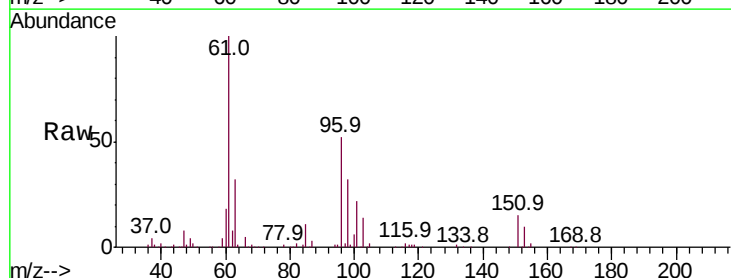
MMDadoda
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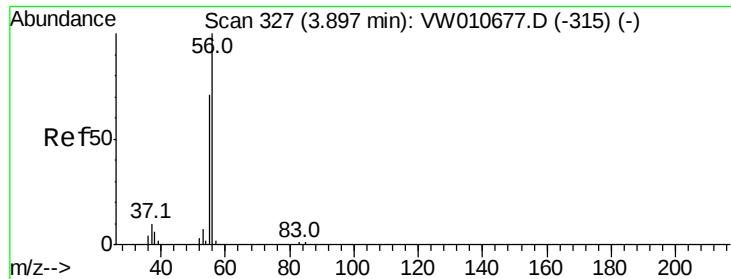


#12

1,1-Dichloroethene
Concen: 52.702 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	96	Resp	128028
Ion Ratio	100	Lower	Upper
61	192.2	149.1	223.7
98	61.8	51.1	76.7





#13

Acrolein

Concen: 187.729 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 18504

Ion Ratio Lower Upper

56 100

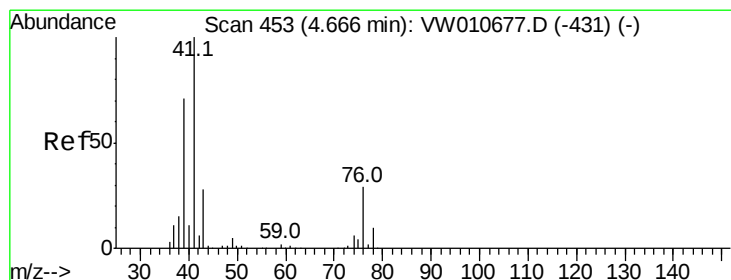
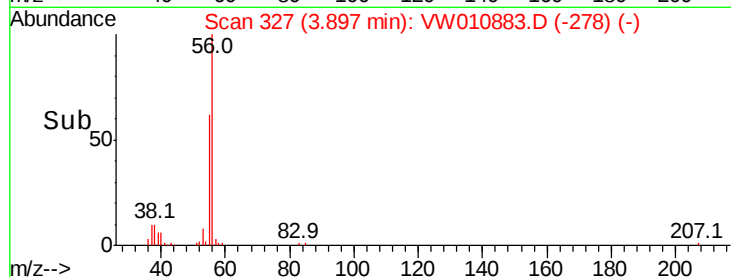
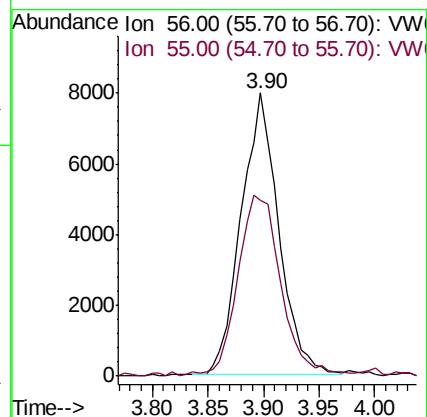
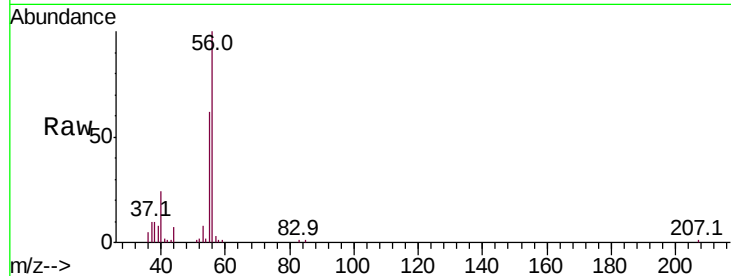
55 74.8 57.6 86.4

Manual Integrations

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#14

Allyl chloride

Concen: 55.735 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

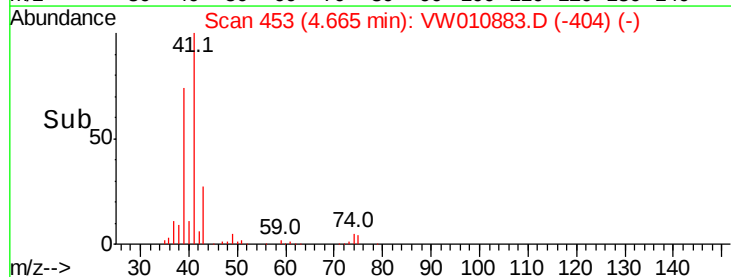
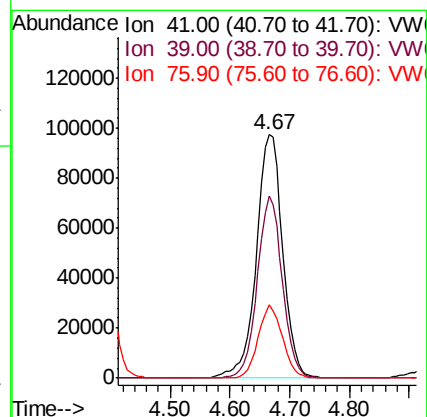
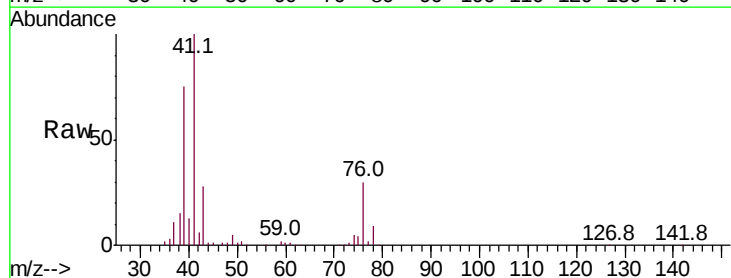
Tgt Ion: 41 Resp: 298543

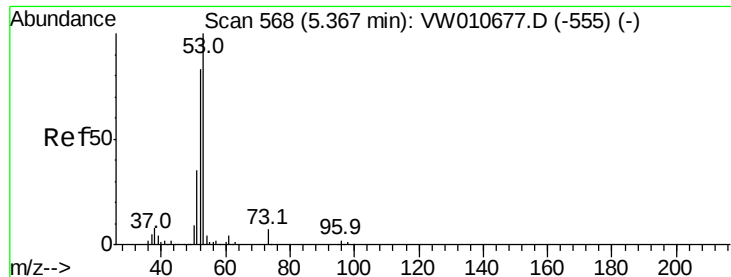
Ion Ratio Lower Upper

41 100

39 70.7 55.8 83.6

76 27.6 22.7 34.1





#15

Acrylonitrile

Concen: 239.916 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

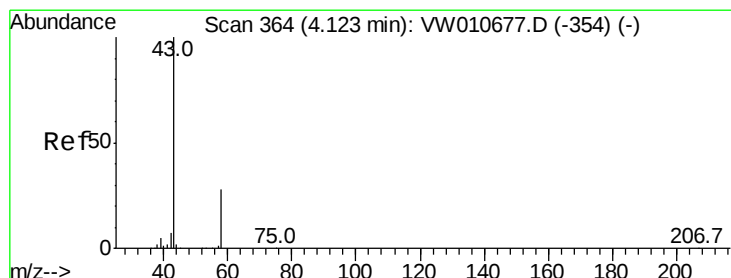
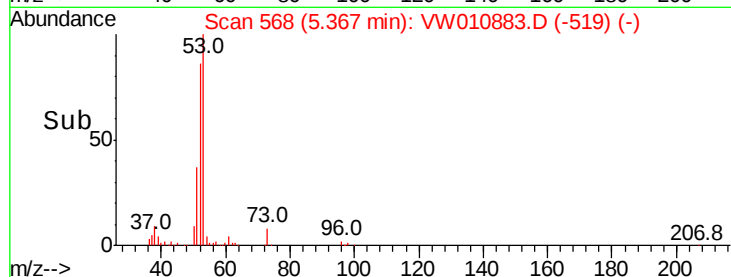
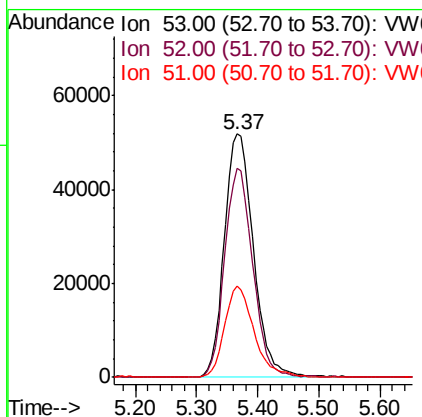
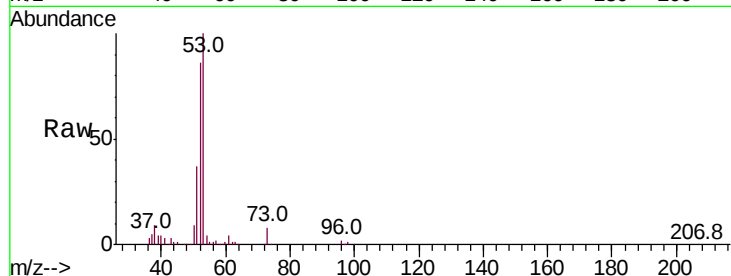
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	170615
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.6	100.0
51	38.0	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 284.195 ug/l

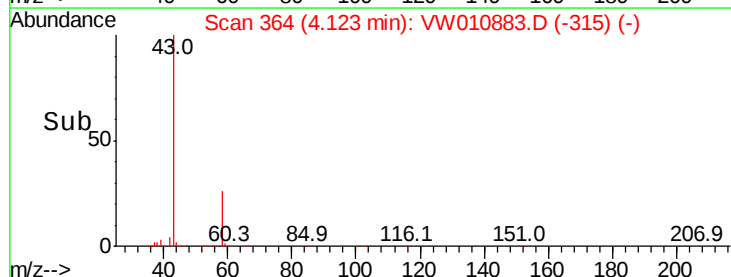
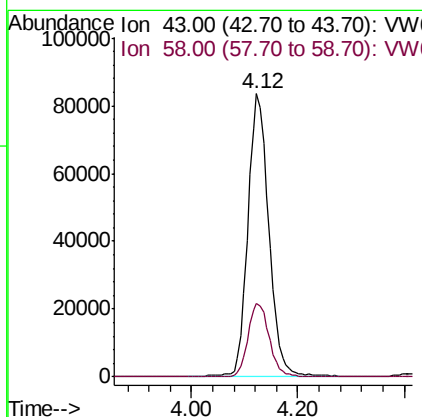
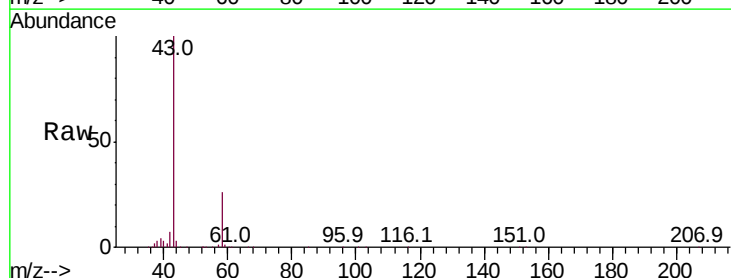
RT: 4.12 min Scan# 364

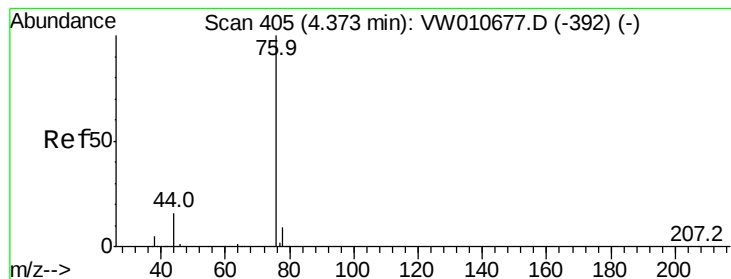
Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Tgt Ion:	43	Resp:	225467
Ion Ratio	Lower	Upper	
43	100		
58	26.0	22.1	33.1





#17

Carbon Disulfide

Concen: 47.540 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 366614

Ion Ratio Lower Upper

76 100

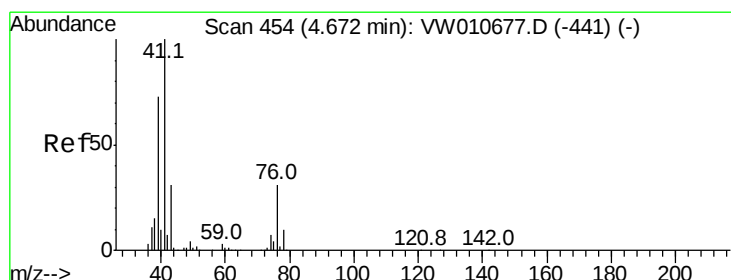
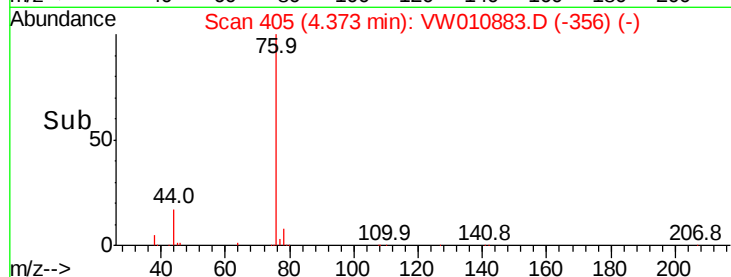
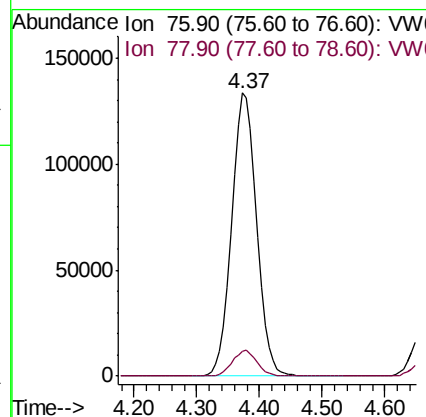
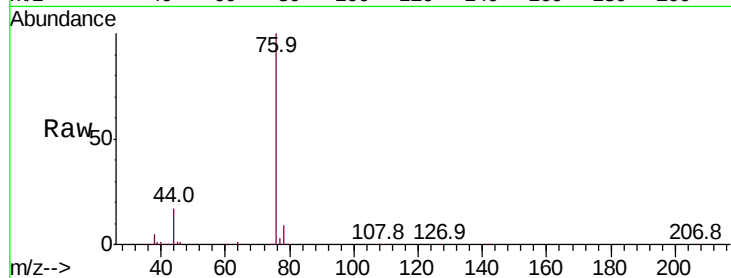
78 8.8 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 48.560 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010883.D

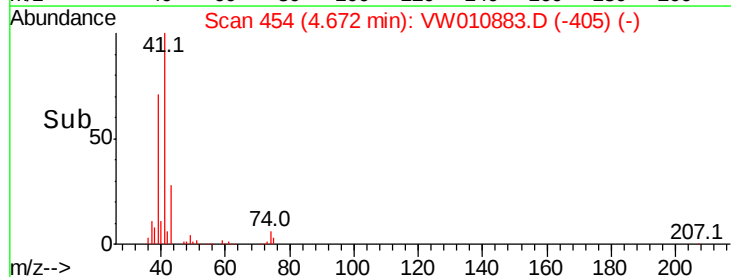
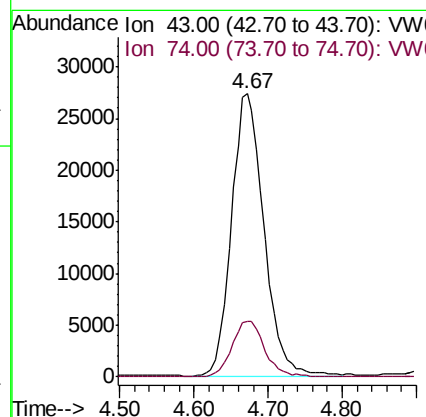
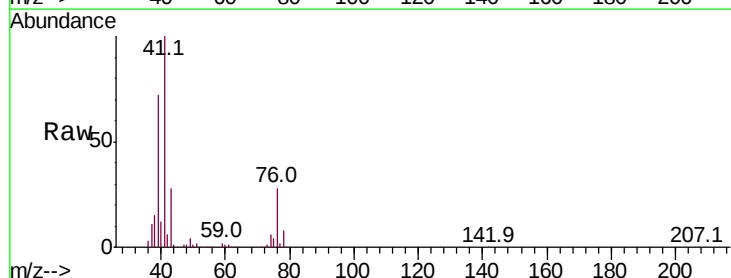
Acq: 20 Jun 2019 10:46

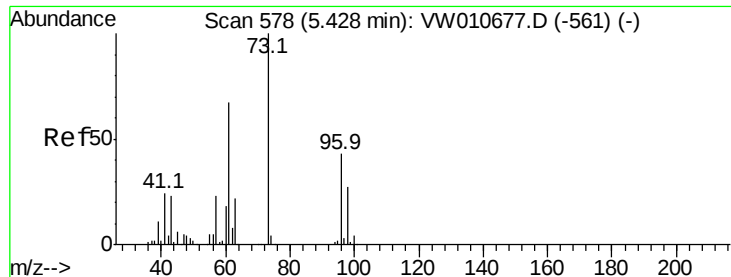
Tgt Ion: 43 Resp: 82930

Ion Ratio Lower Upper

43 100

74 19.9 16.7 25.1





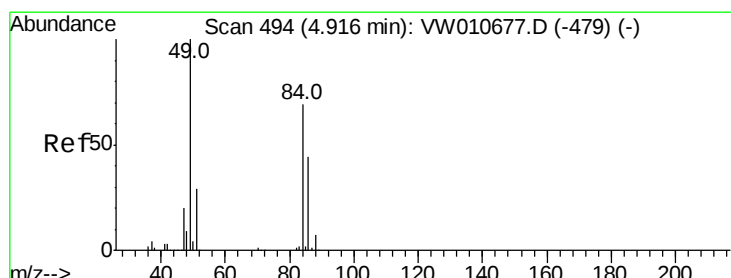
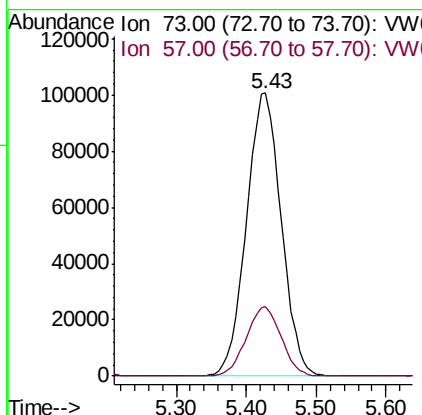
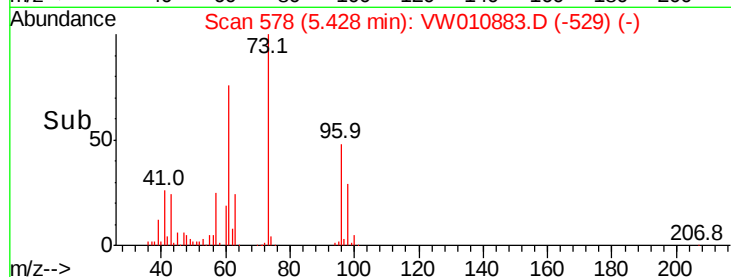
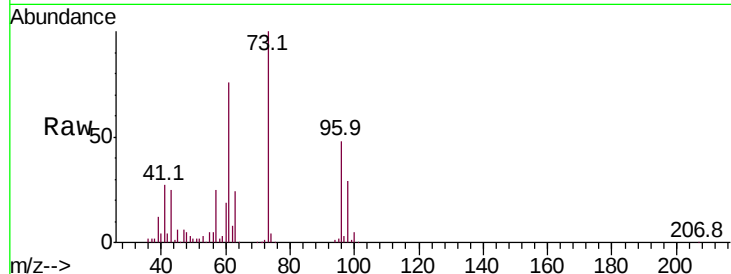
#19
Methvl tert-butvl Ether
Concen: 49.621 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 347667
Ion Ratio Lower Upper
73 100
57 24.7 18.6 27.8

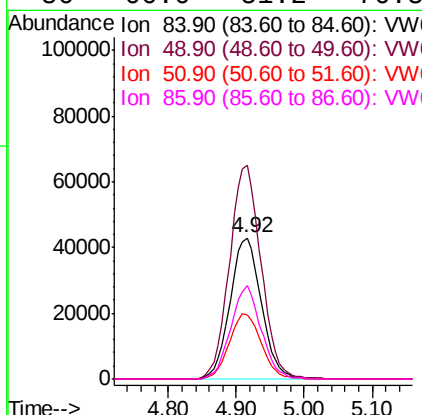
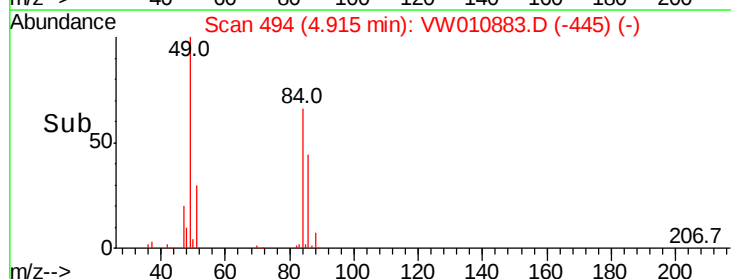
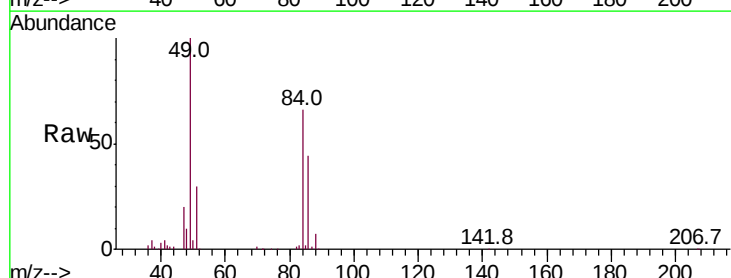
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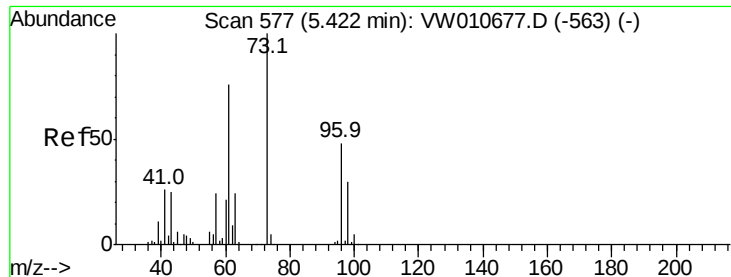
MMDadoda
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#20
Methylene Chloride
Concen: 49.414 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion: 84 Resp: 137527
Ion Ratio Lower Upper
84 100
49 151.1 116.7 175.1
51 45.4 34.2 51.2
86 66.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 53.187 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 146676

Ion Ratio Lower Upper

96 100

61 166.1 126.0 189.0

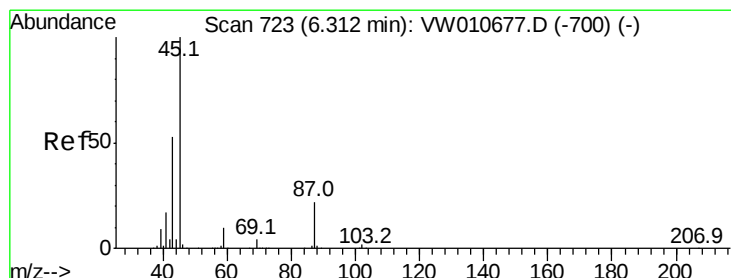
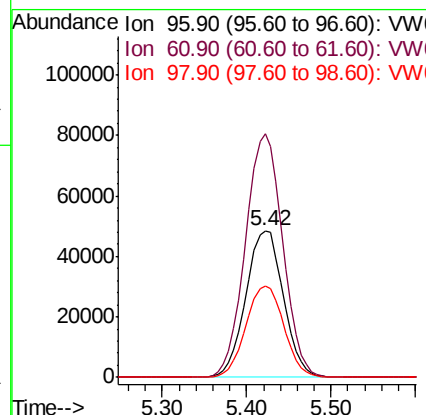
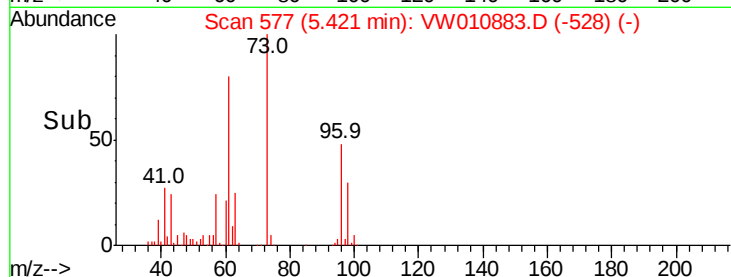
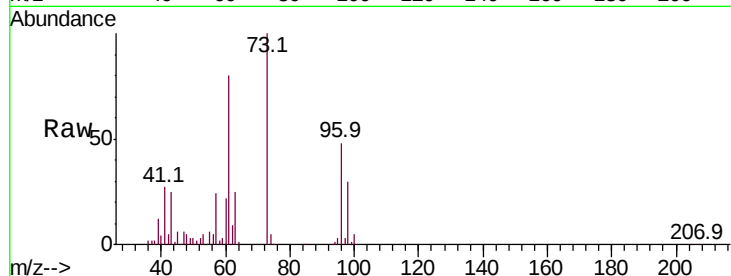
98 62.6 49.6 74.4

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#22

Diisopropyl ether

Concen: 54.936 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Tgt Ion: 45 Resp: 589117

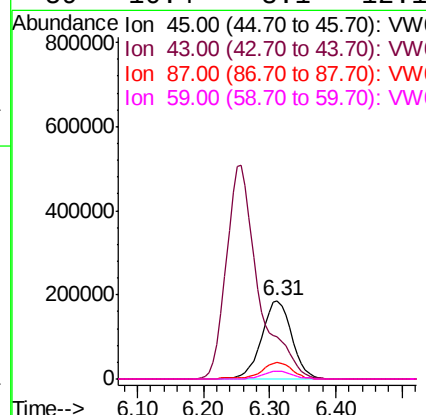
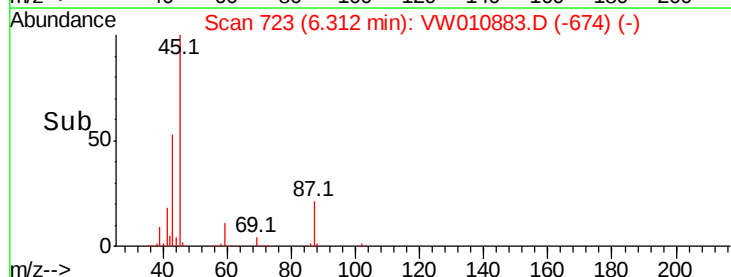
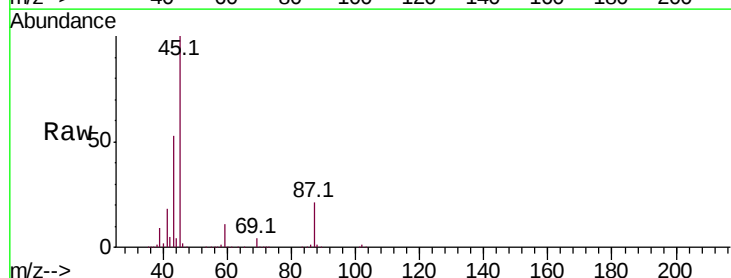
Ion Ratio Lower Upper

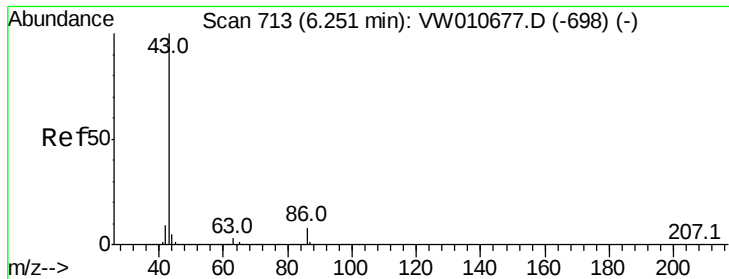
45 100

43 53.2 42.5 63.7

87 20.9 17.4 26.2

59 10.4 8.1 12.1





#23

Vinyl Acetate

Concen: 263.366 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1704429

Ion Ratio Lower Upper

43 100

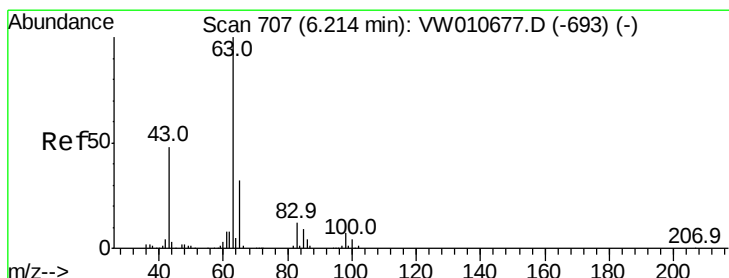
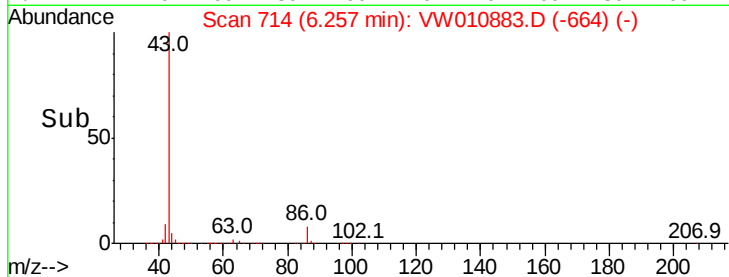
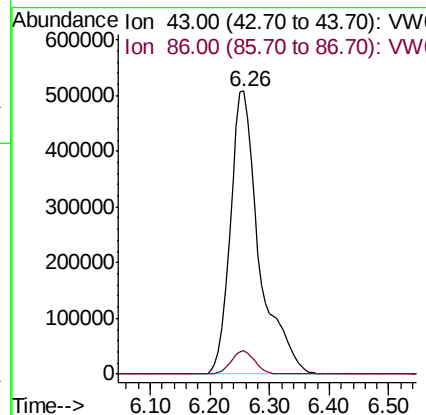
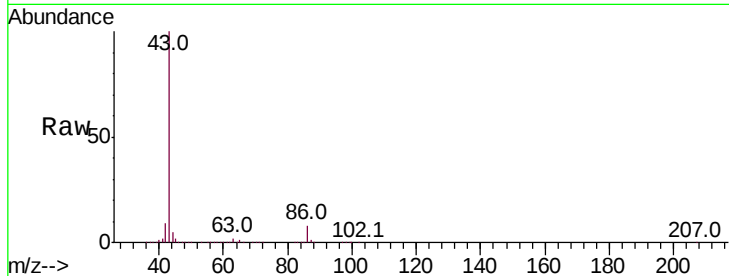
86 8.2 6.6 10.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 55.827 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

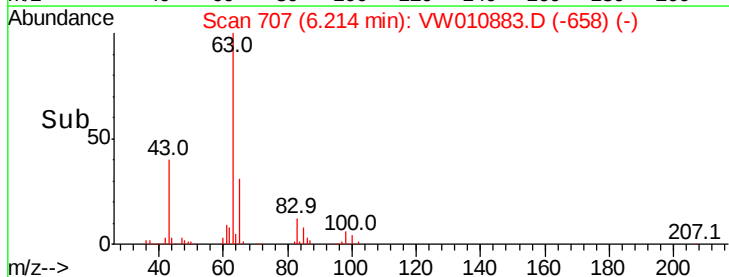
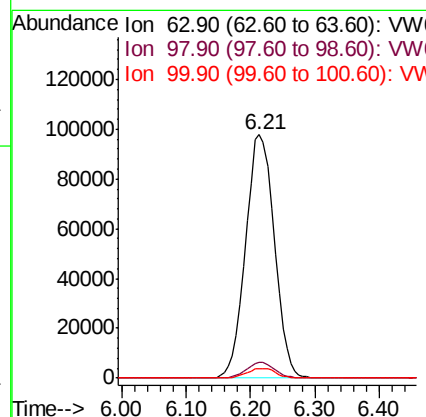
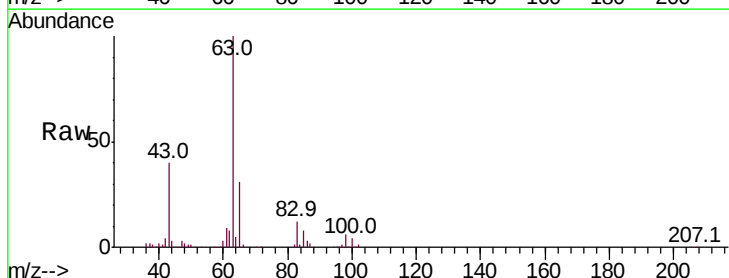
Tgt Ion: 63 Resp: 300021

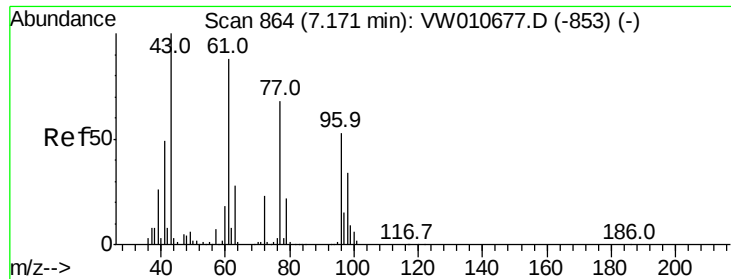
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 3.9 2.1 6.3





#25

2-Butanone

Concen: 260.917 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 287033

Ion Ratio Lower Upper

43 100

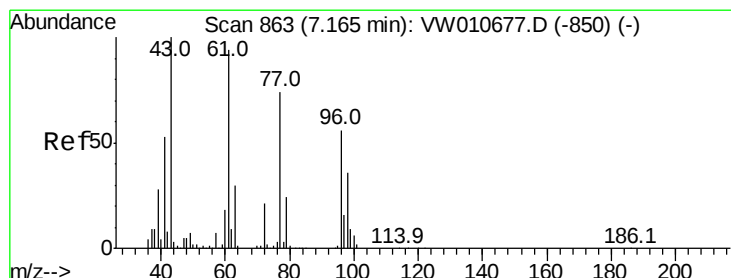
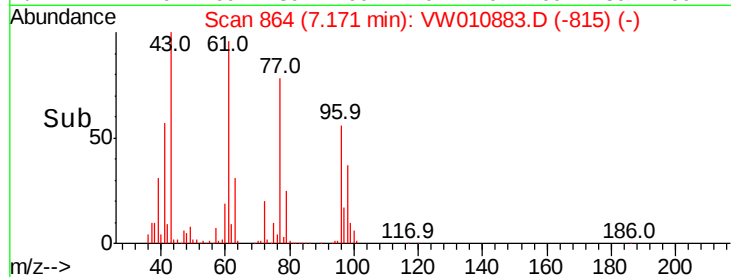
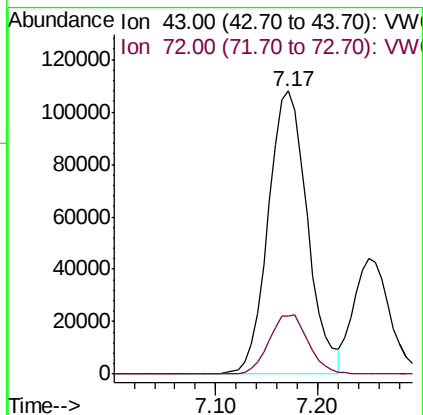
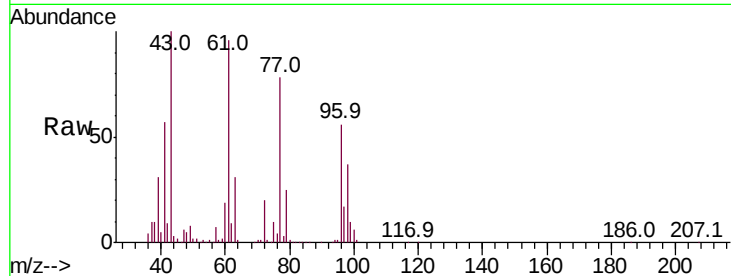
72 20.4 18.1 27.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 58.916 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010883.D

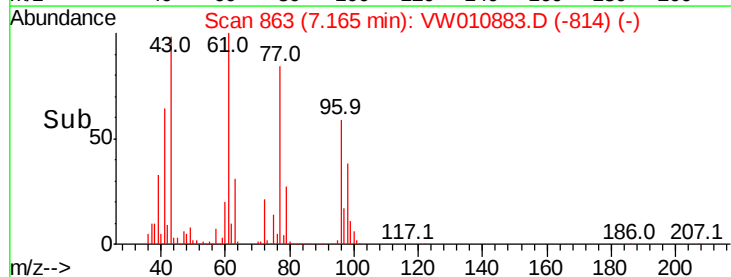
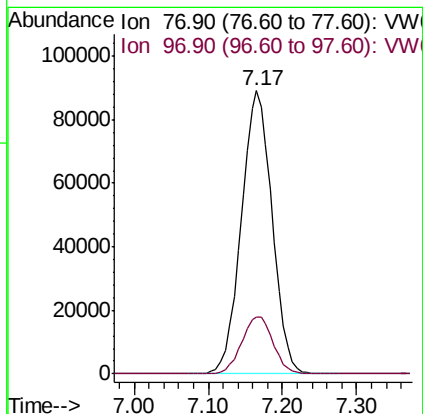
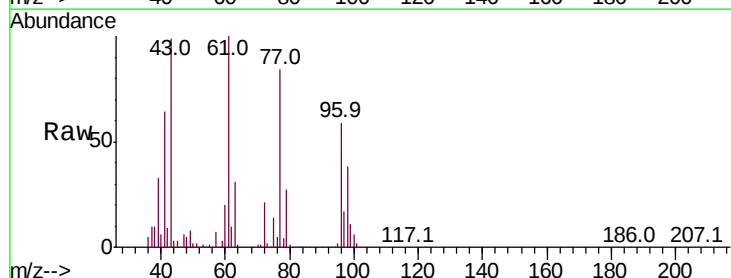
Acq: 20 Jun 2019 10:46

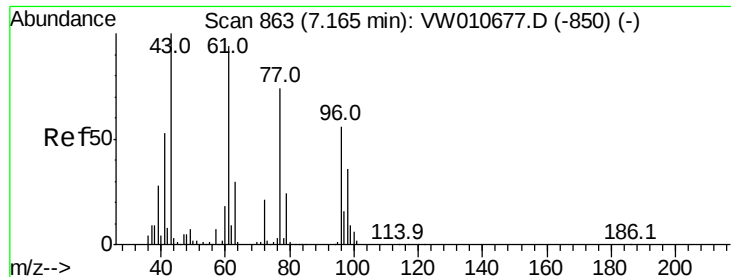
Tgt Ion: 77 Resp: 257644

Ion Ratio Lower Upper

77 100

97 20.4 10.5 31.6





#27

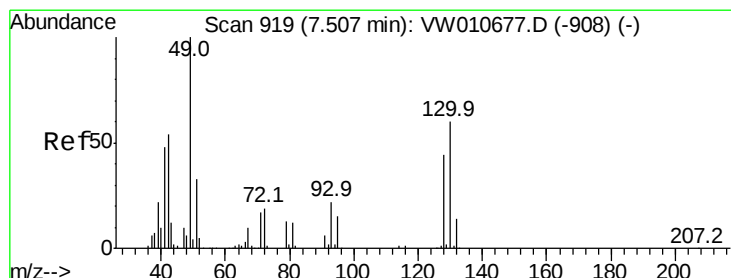
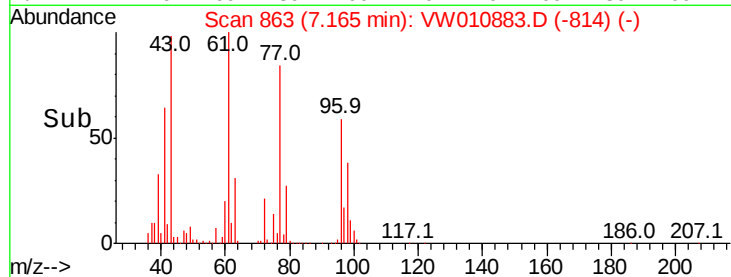
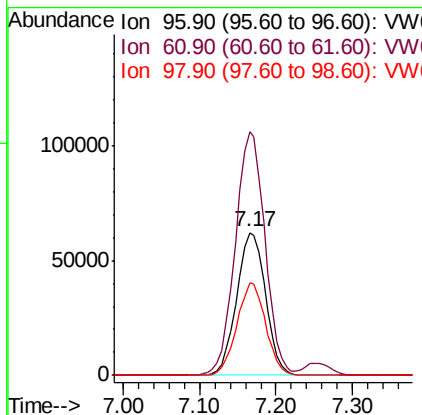
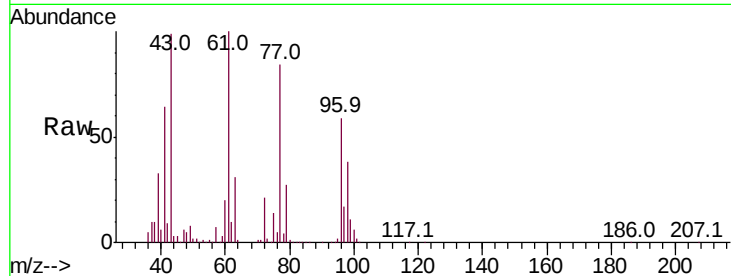
cis-1,2-Dichloroethene
 Concen: 53.731 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	174.5	0.0	336.4	
98	64.3	0.0	128.0	

Manual Integrations
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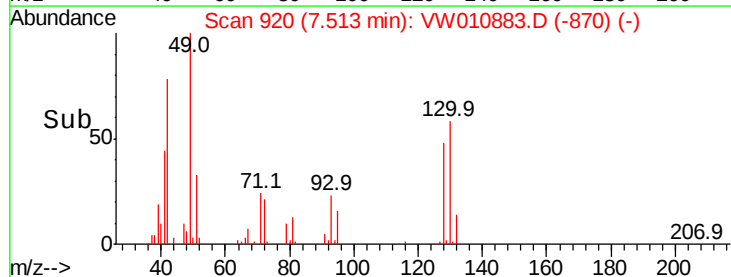
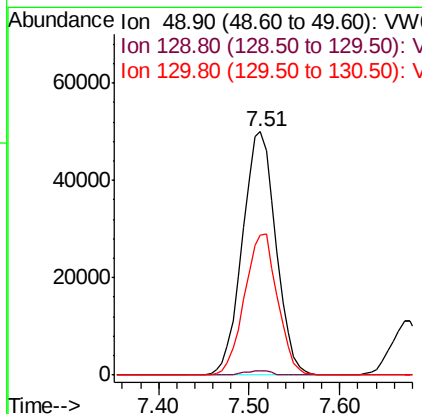
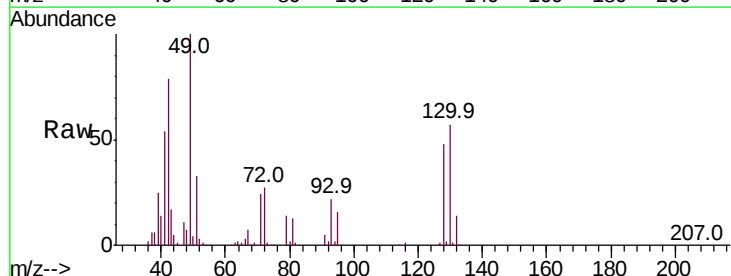
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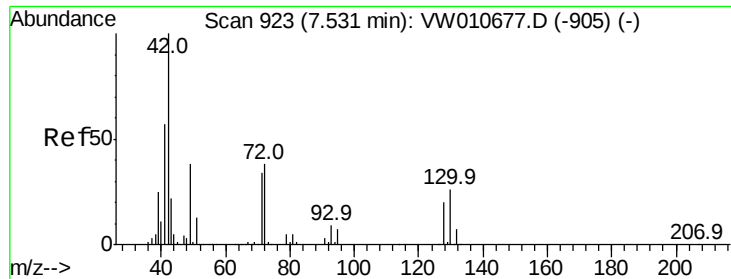


#28

Bromochloromethane
 Concen: 53.311 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.4	0.0	3.2	
130	56.9	48.3	72.5	





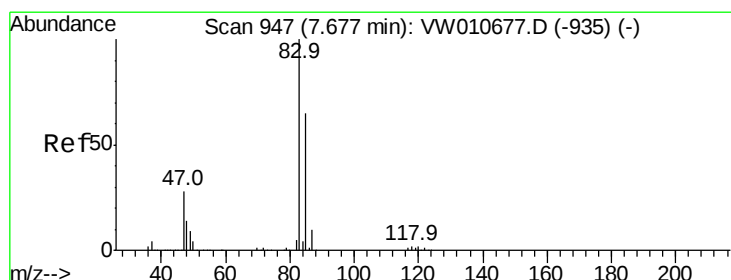
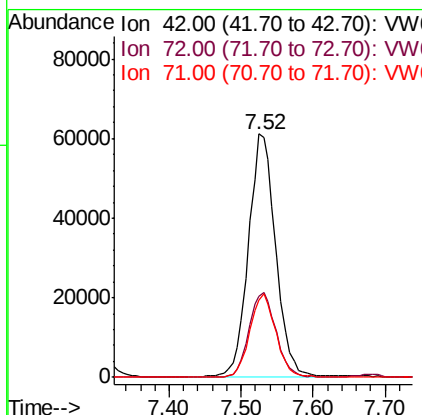
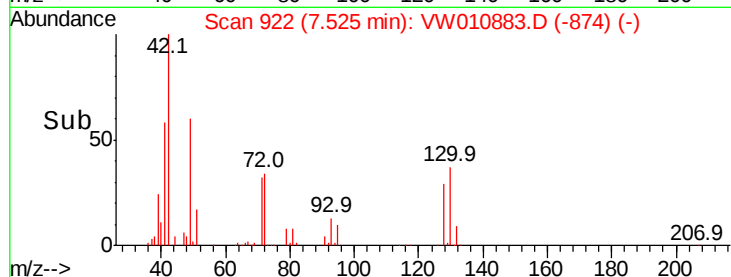
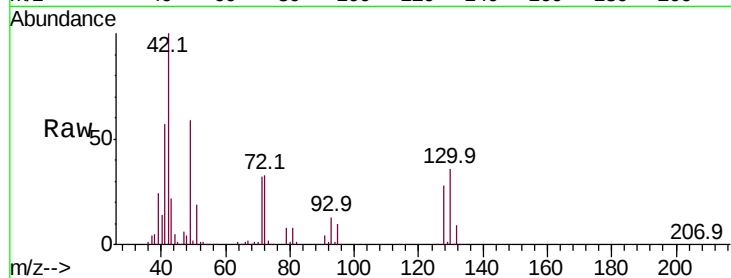
#29
Tetrahydrofuran
Concen: 231.875 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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

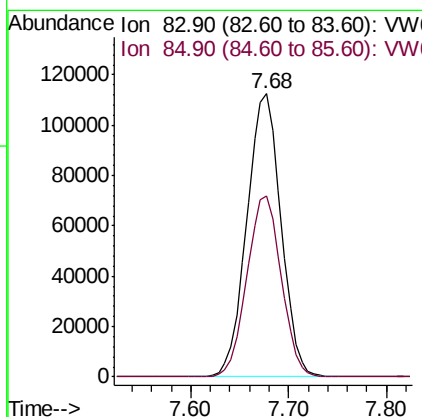
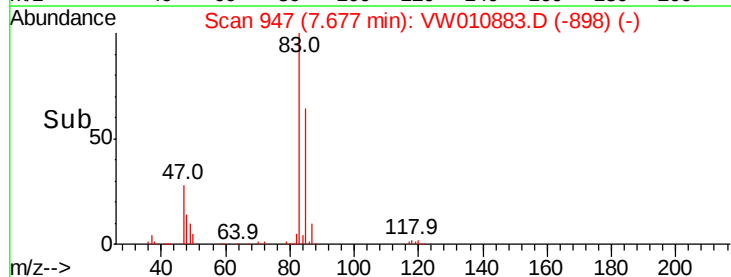
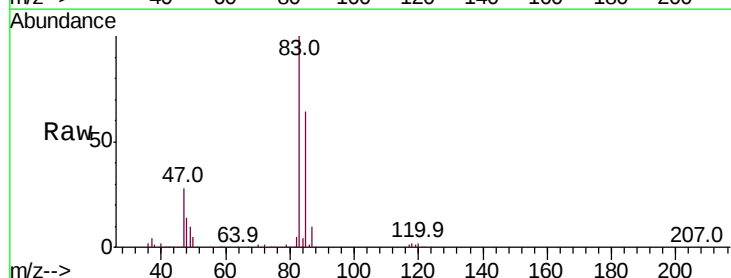
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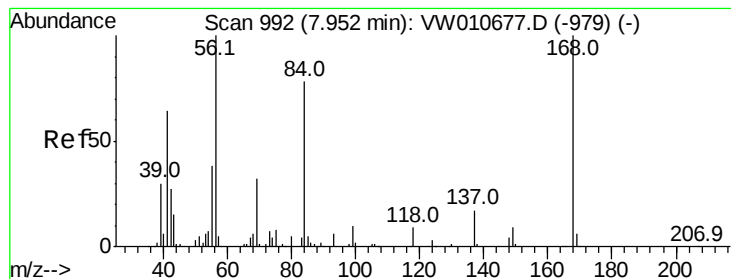
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#30
Chloroform
Concen: 55.387 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.8	77.8





#31

Cyclohexane

Concen: 51.233 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

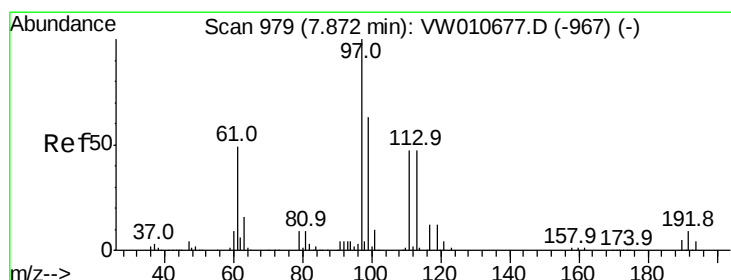
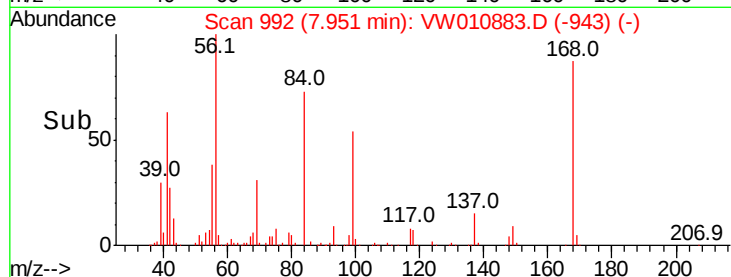
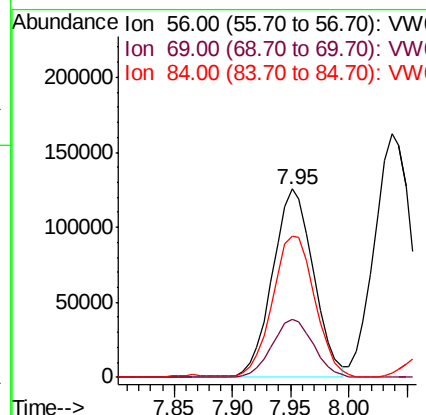
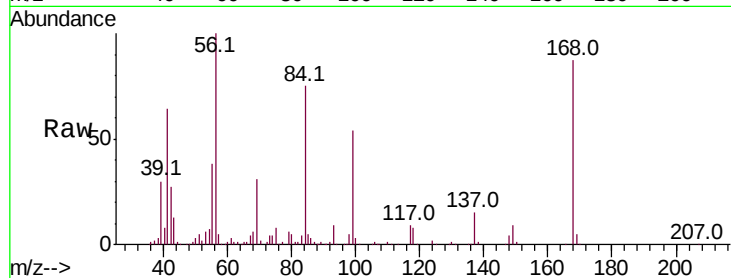
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	306064
Ion Ratio	Lower	Upper	
56	100		
69	31.0	25.2	37.8
84	73.8	62.2	93.2

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#32

1,1,1-Trichloroethane

Concen: 56.506 ug/l

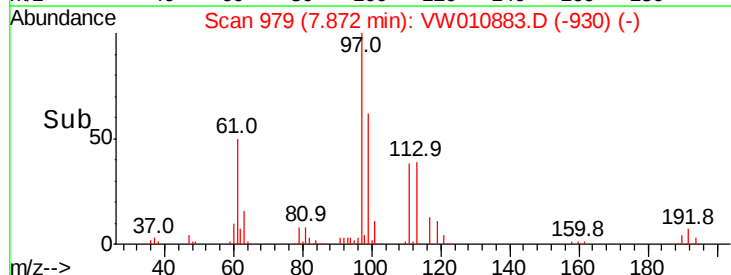
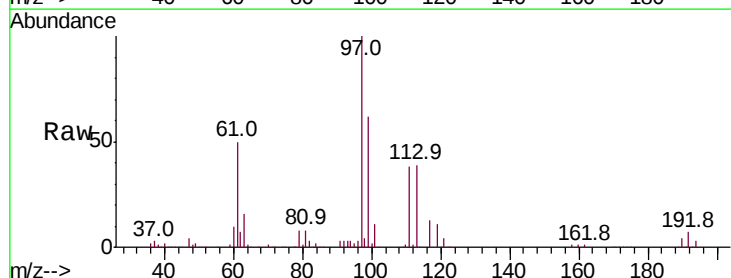
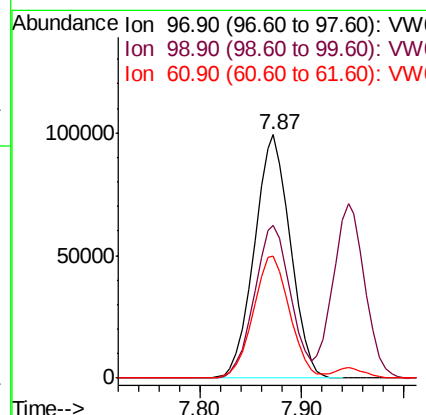
RT: 7.87 min Scan# 979

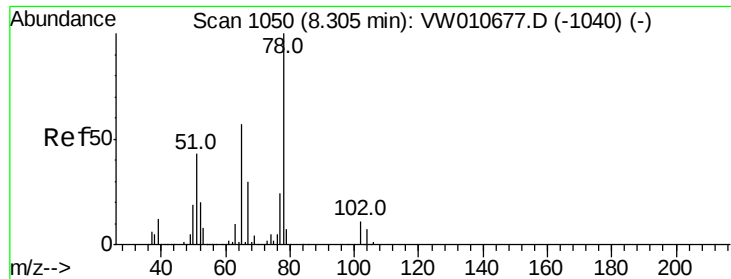
Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Tgt Ion:	97	Resp:	242632
Ion Ratio	Lower	Upper	
97	100		
99	63.5	51.3	76.9
61	51.0	40.4	60.6





#33

1,2-Dichloroethane-d4

Concen: 47.738 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 141346

Ion Ratio Lower Upper

65 100

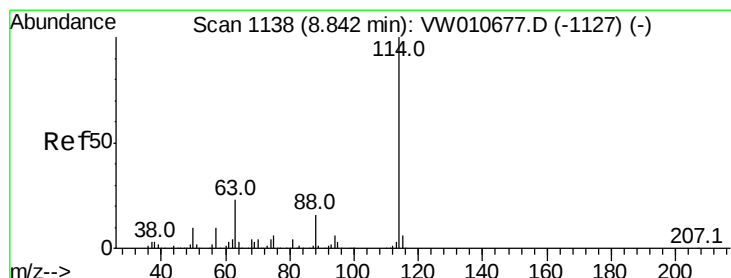
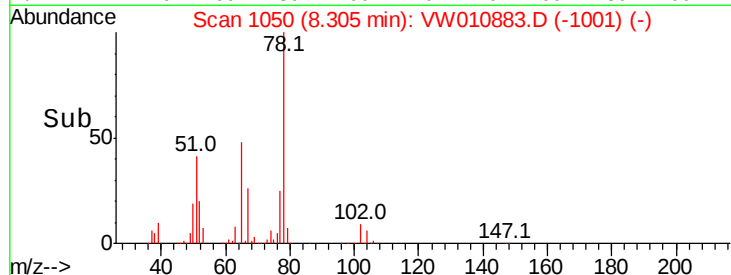
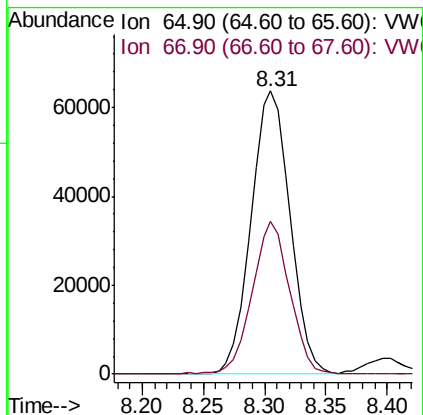
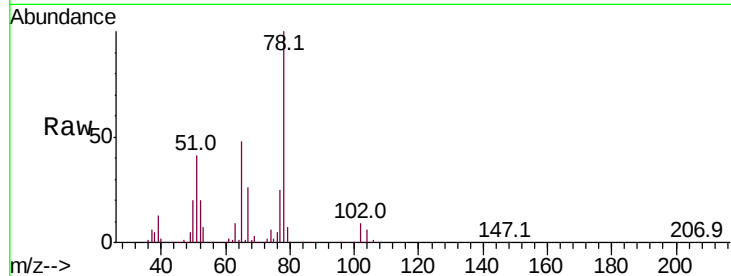
67 52.3 0.0 102.6

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: VW010883.D

Acq: 20 Jun 2019 10:46

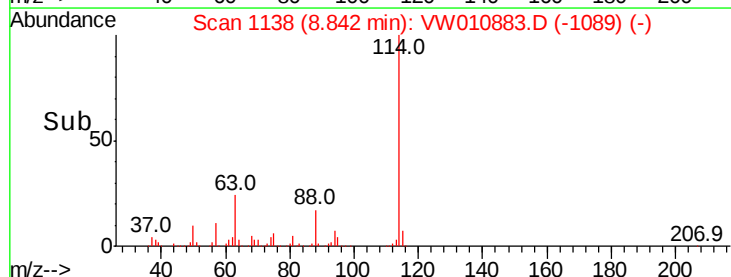
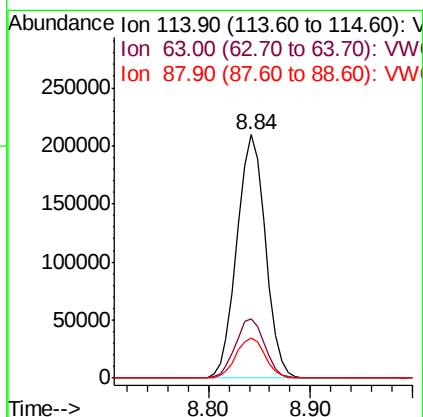
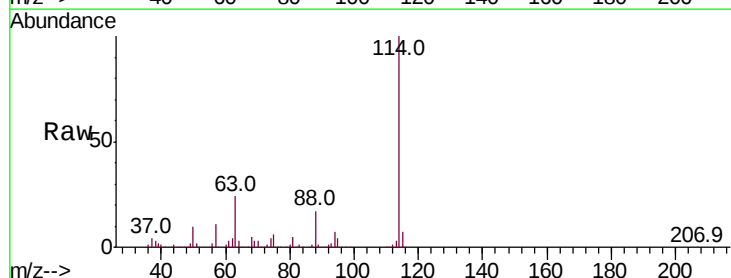
Tgt Ion: 114 Resp: 407392

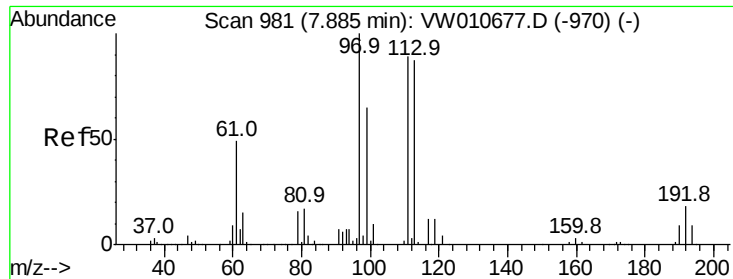
Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.4

88 16.7 0.0 32.2





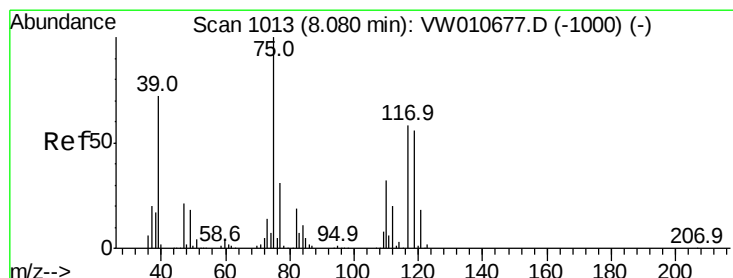
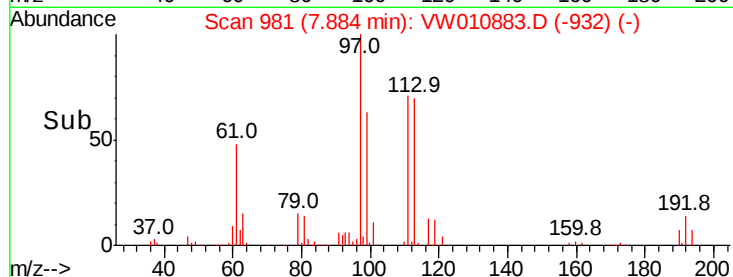
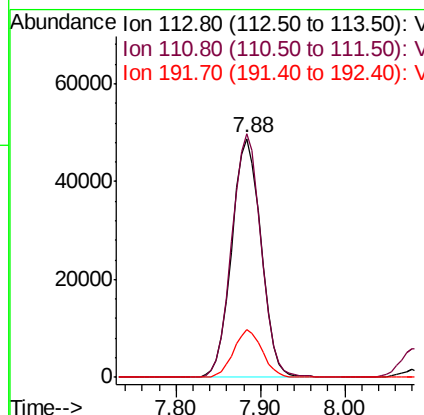
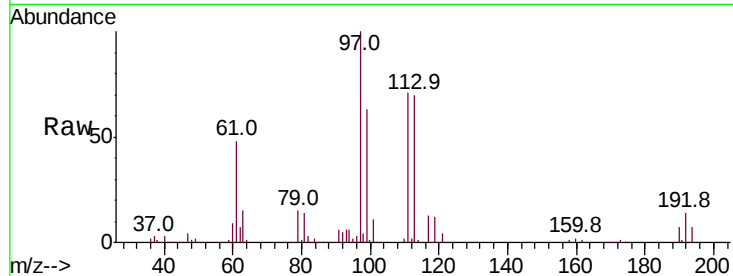
#35
 Dibromofluoromethane
 Concen: 52.018 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	115024		
111	101.7	82.6	123.8	
192	19.2	16.4	24.6	

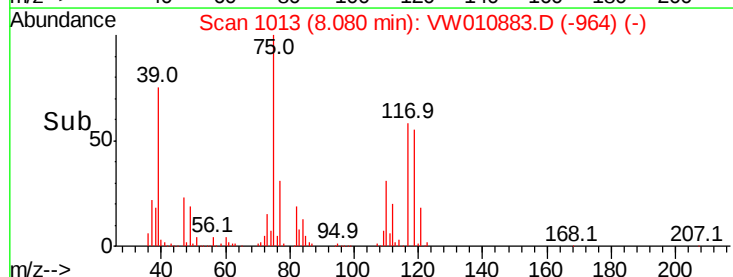
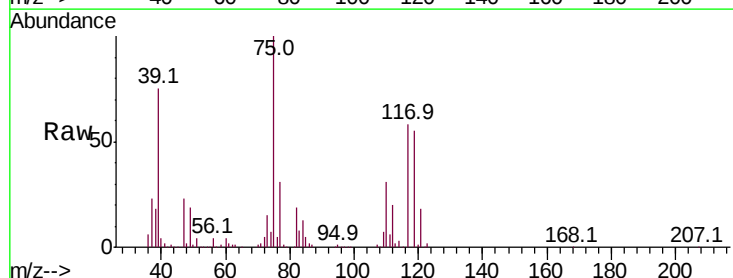
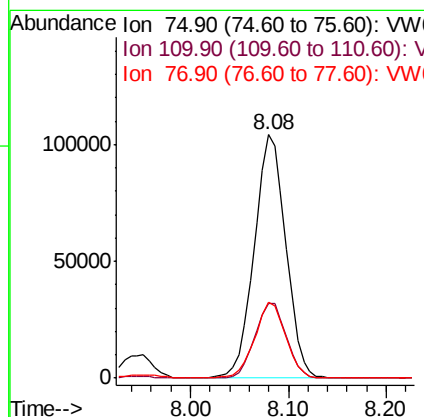
Manual Integrations
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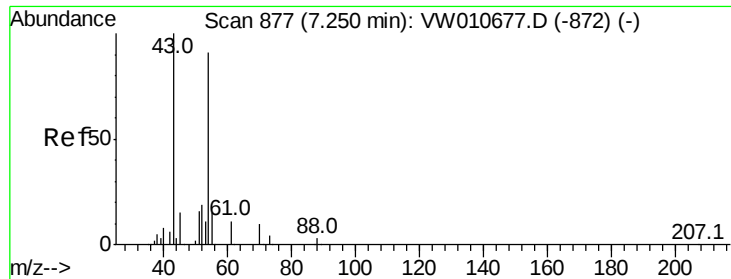
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#36
 1,1-Dichloropropene
 Concen: 55.737 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	232432		
110	31.0	15.8	47.3	
77	30.9	24.7	37.1	





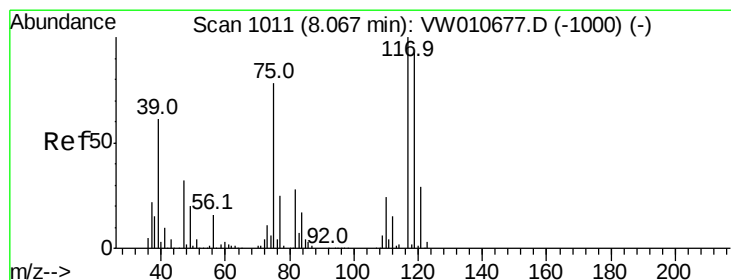
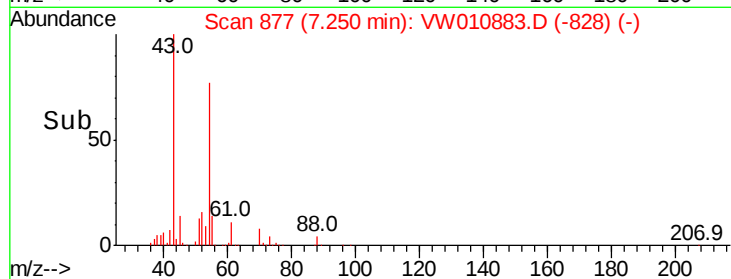
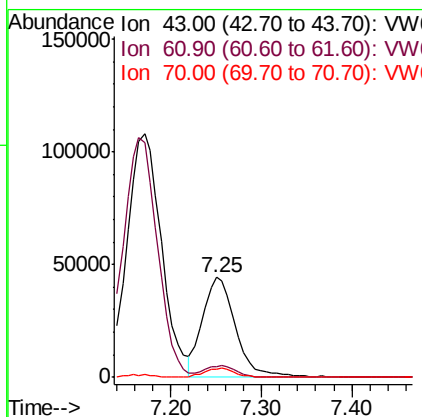
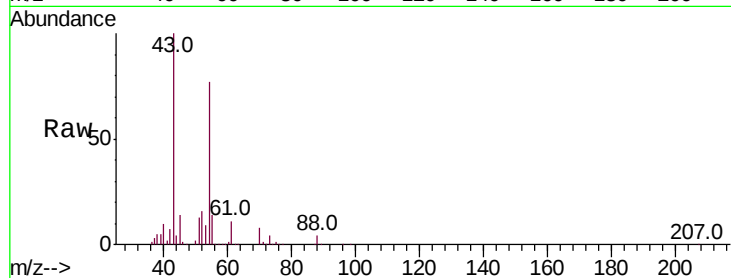
#37
Ethyl Acetate
Concen: 48.049 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.7	14.5
70	8.7	7.2	10.8

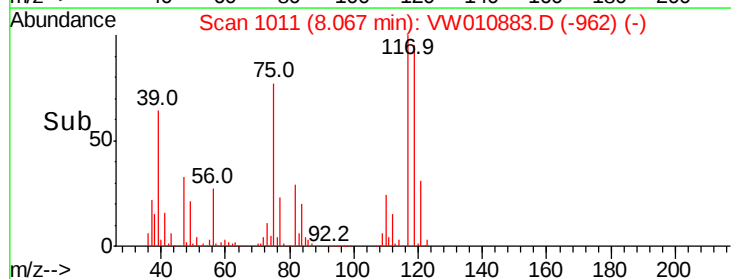
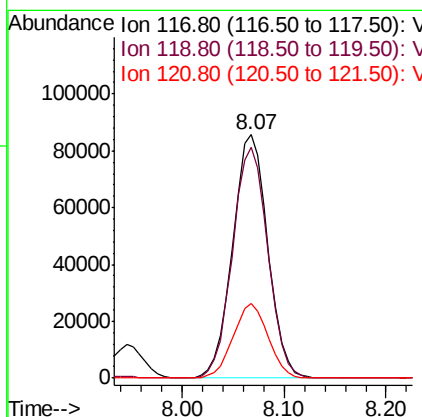
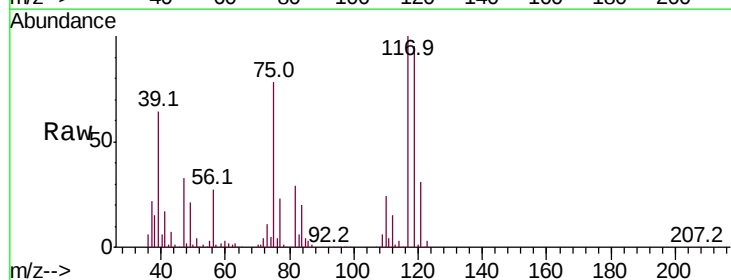
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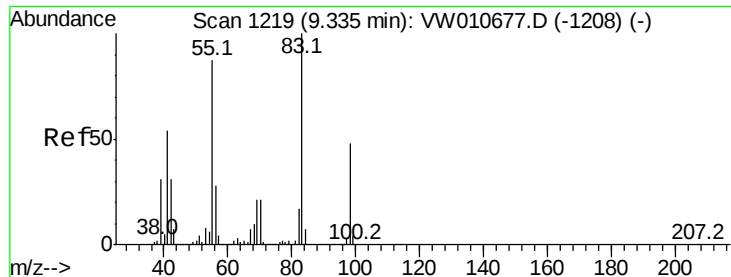
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#38
Carbon Tetrachloride
Concen: 56.652 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.2	111.4
121	30.7	22.9	34.3





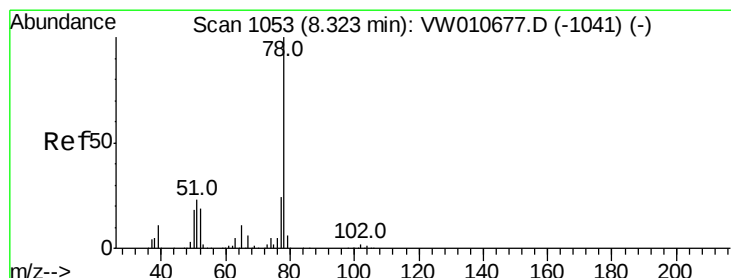
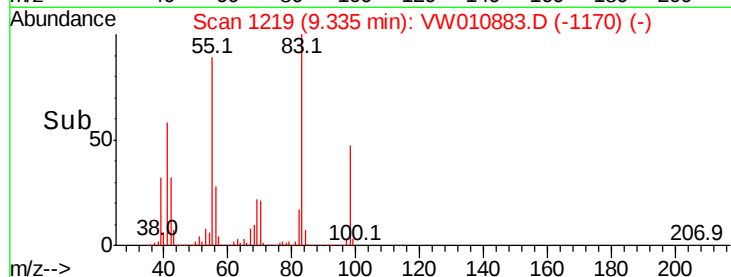
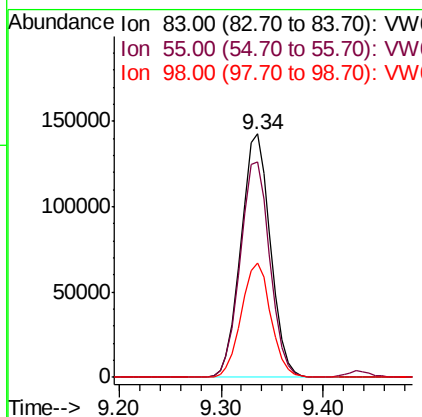
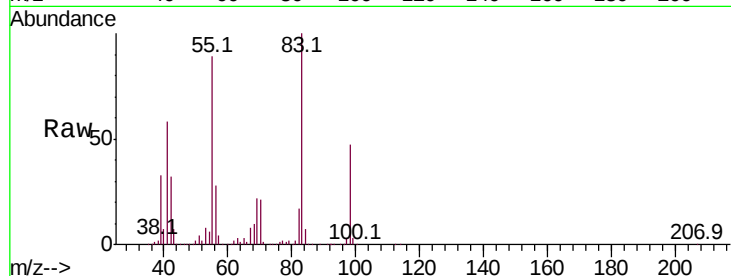
#39
Methvlcvclohexane
Concen: 54.043 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	286489
Ion Ratio	100	Lower	Upper
83	100		
55	88.6	70.0	105.0
98	47.2	38.1	57.1

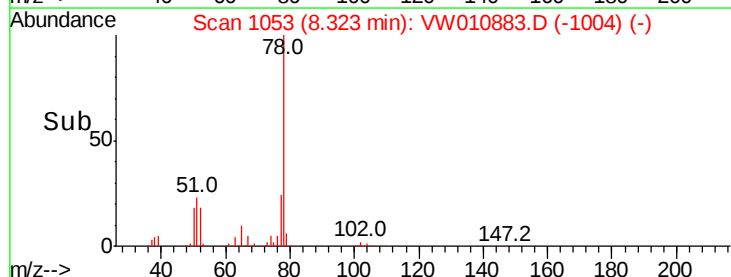
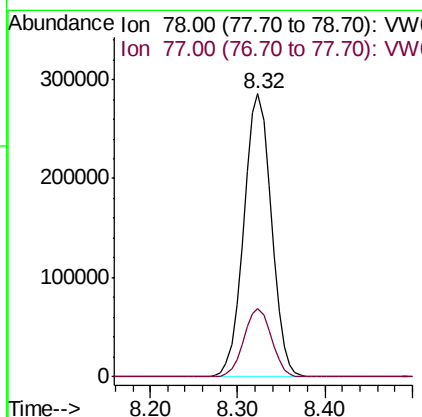
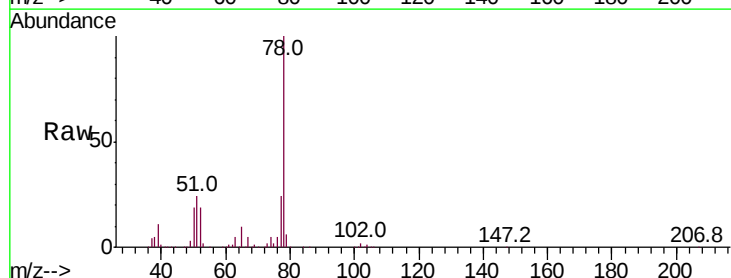
Manual Integrations
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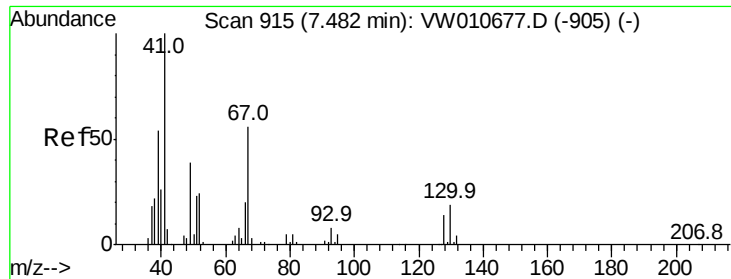
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#40
Benzene
Concen: 54.873 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	78	Resp	624250
Ion Ratio	100	Lower	Upper
78	100		
77	24.2	19.1	28.7





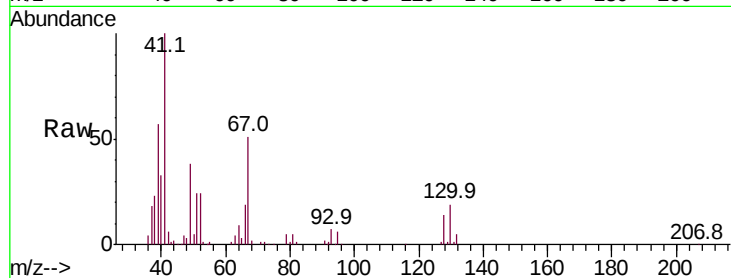
#41
Methacrylonitrile
Concen: 55.345 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

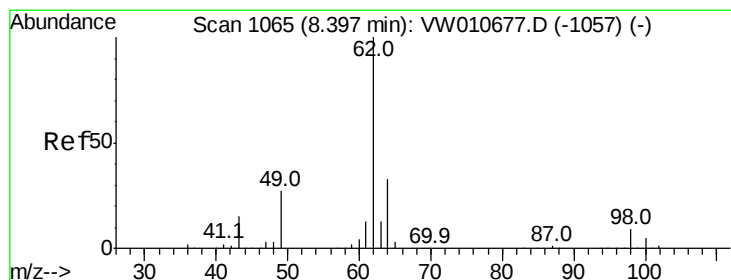
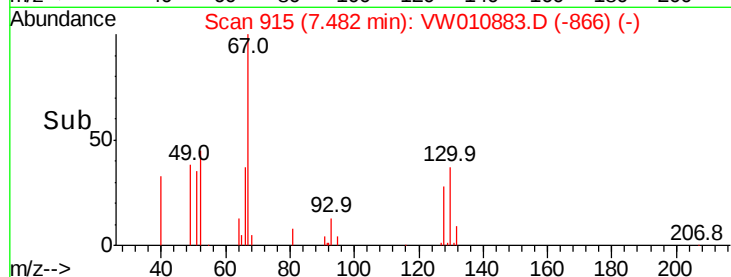
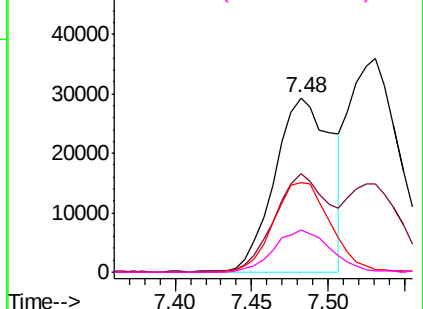
Tot Ion	Ratio	Lower	Upper
41	100		
39	54.4	47.3	70.9
67	51.6	47.2	70.8
52	24.5	21.3	31.9

Manual Integrations
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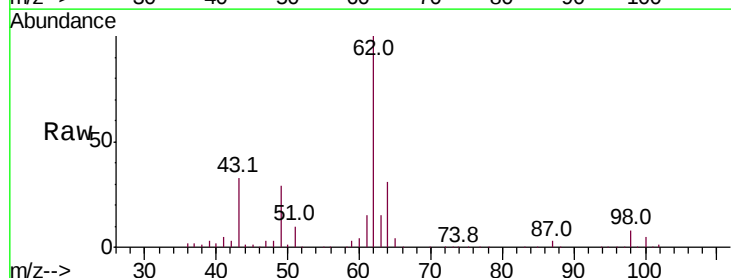


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

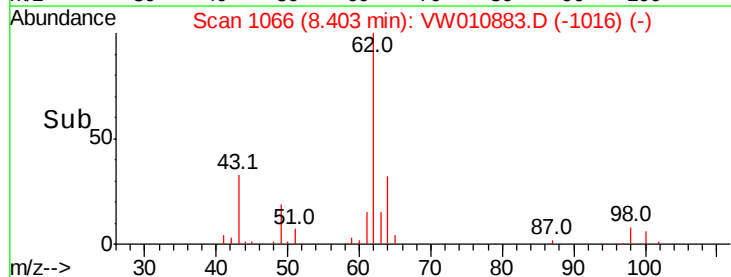
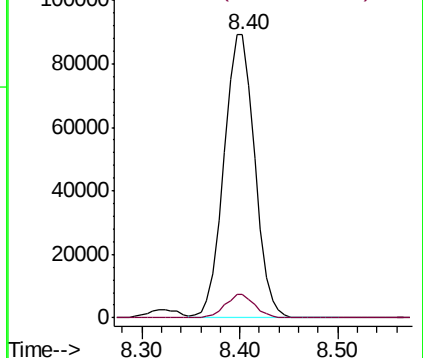


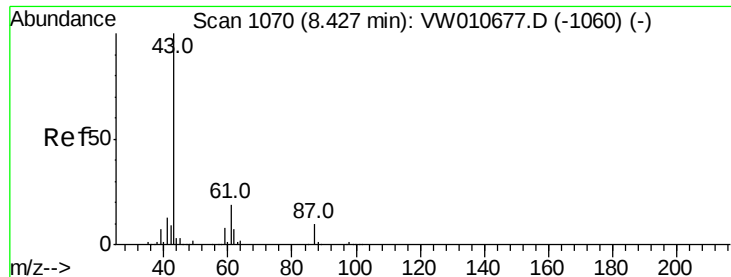
#42
1,2-Dichloroethane
Concen: 53.922 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 49.527 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

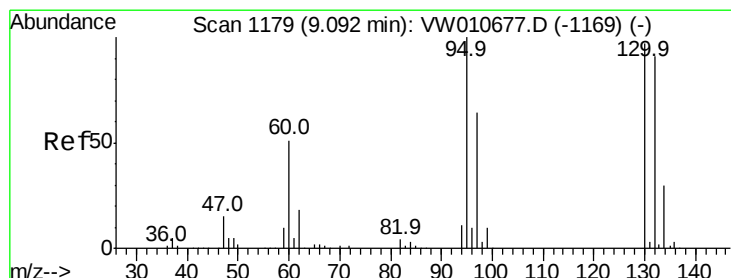
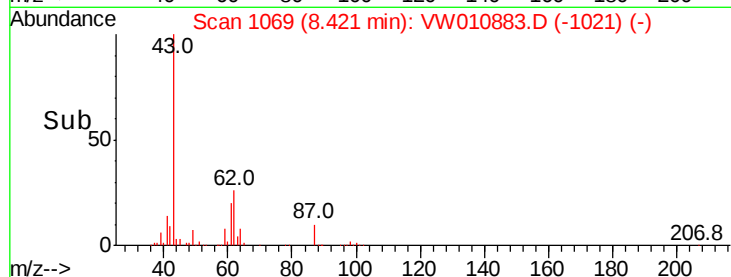
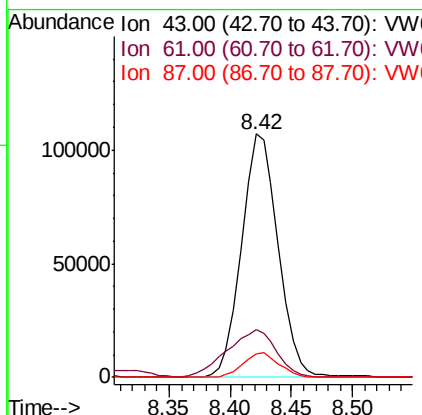
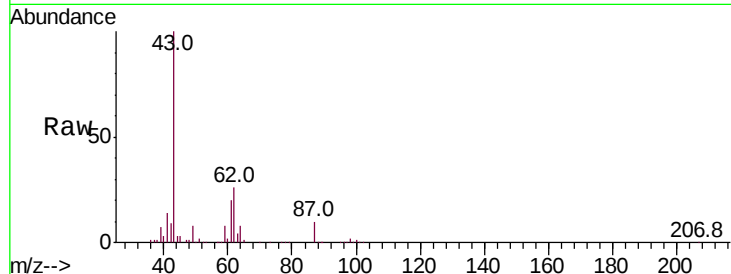
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	221110
Ion	Ratio	Lower	Upper
43	100		
61	26.5	21.2	31.8
87	10.1	8.3	12.5

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#44

Trichloroethene

Concen: 53.950 ug/l

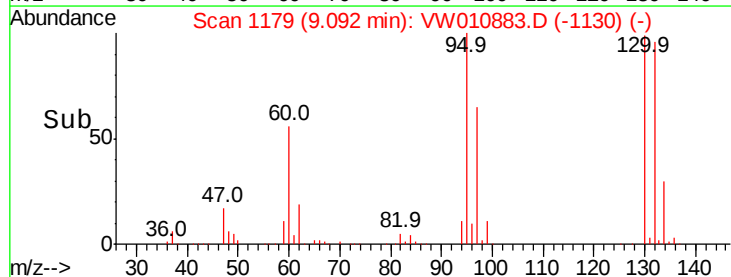
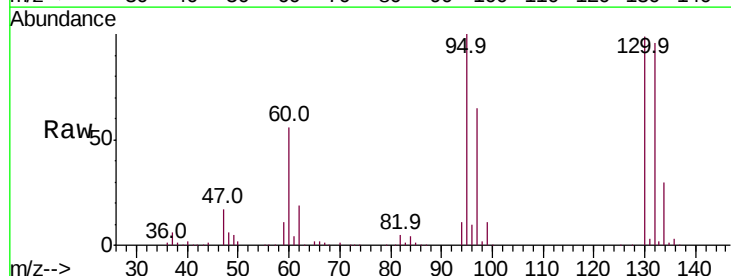
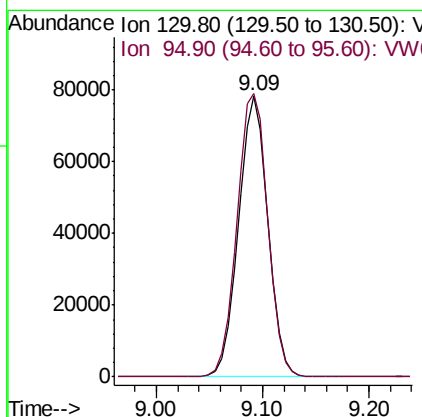
RT: 9.09 min Scan# 1179

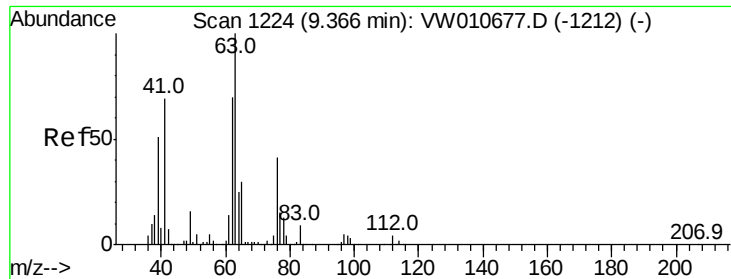
Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Tgt Ion:	130	Resp:	151399
Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	207.0





#45

1,2-Dichloropropane

Concen: 55.116 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 165980

Ion Ratio Lower Upper

63 100

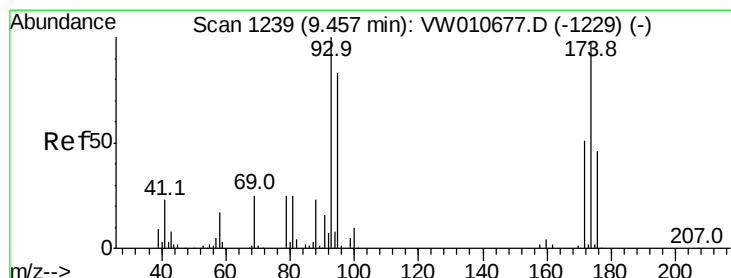
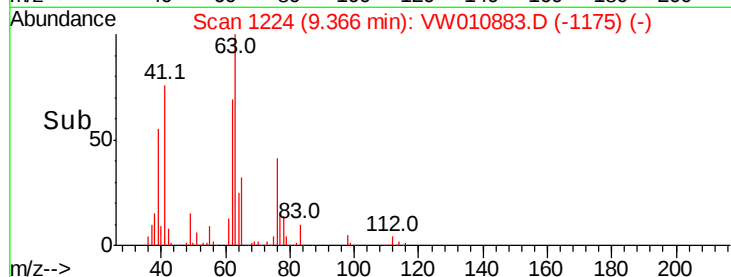
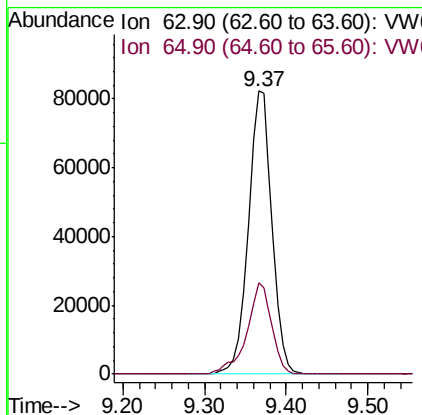
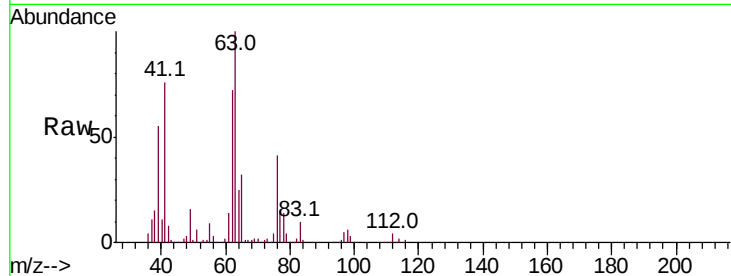
65 32.2 23.8 35.6

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#46

Dibromomethane

Concen: 51.740 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

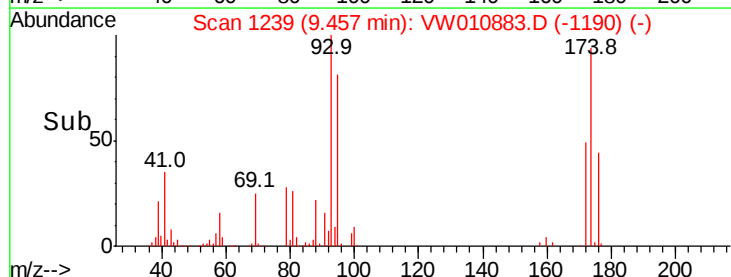
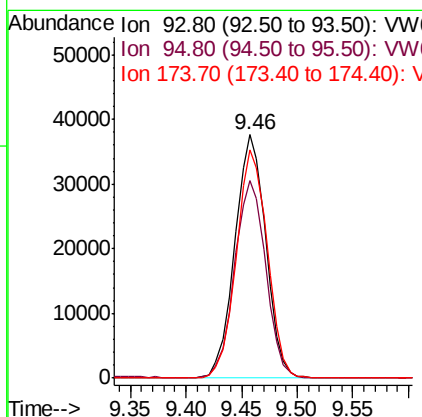
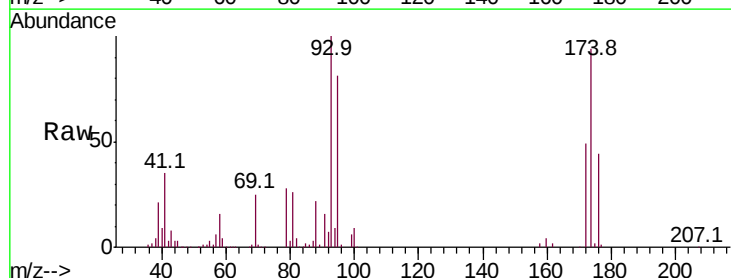
Tgt Ion: 93 Resp: 72371

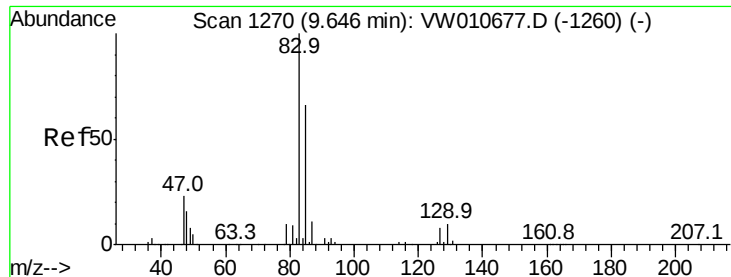
Ion Ratio Lower Upper

93 100

95 82.0 65.8 98.8

174 93.9 77.4 116.0





#47

Bromodichloromethane

Concen: 54.912 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

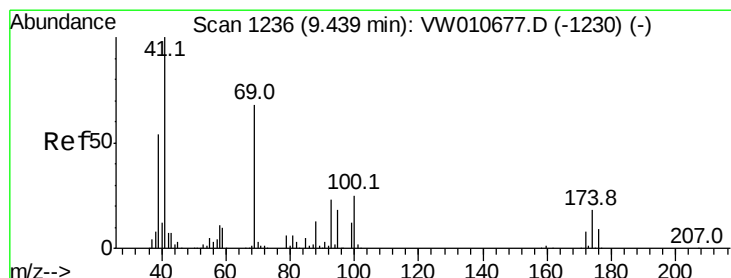
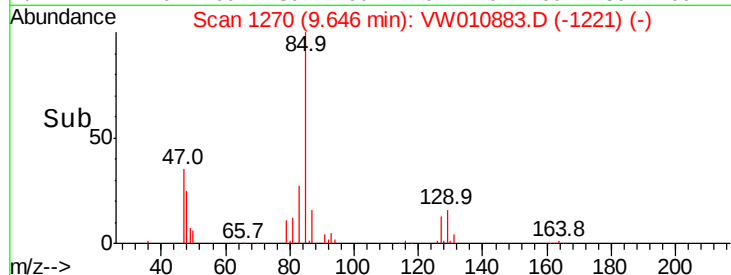
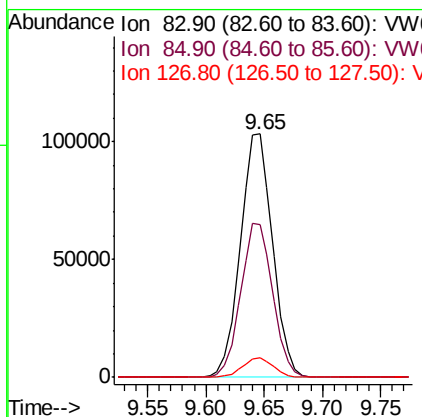
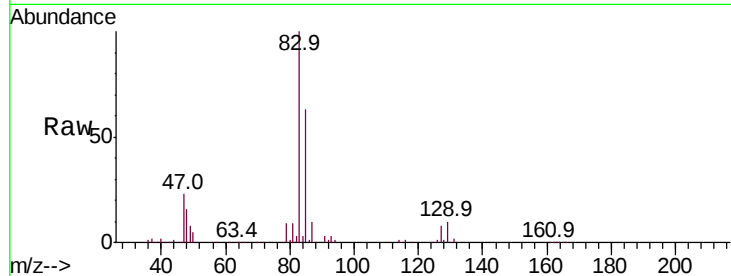
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	199101
Ion Ratio	Lower	Upper	
83	100		
85	62.6	53.0	79.4
127	7.9	6.4	9.6

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#48

Methyl methacrylate

Concen: 50.207 ug/l

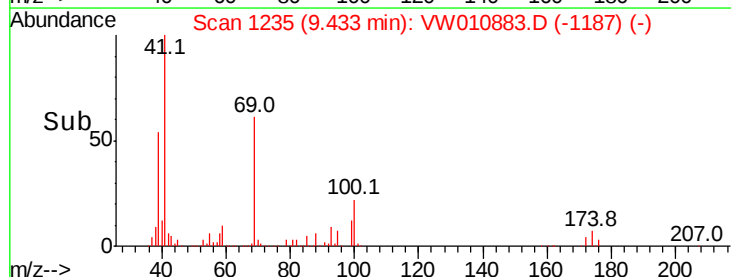
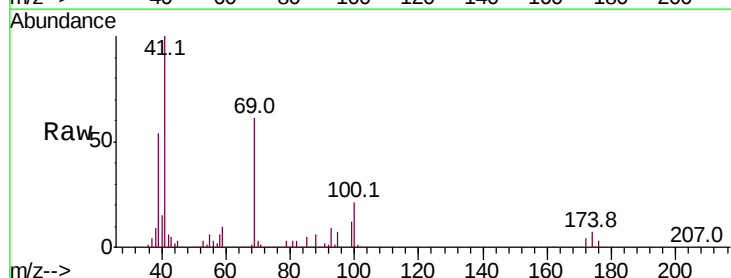
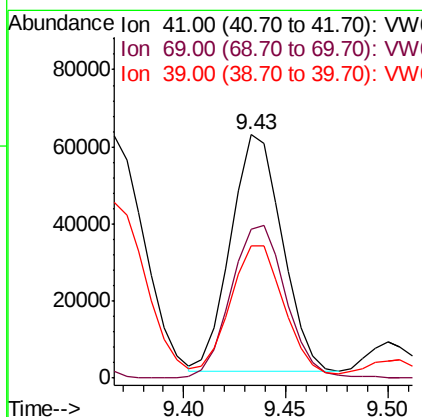
RT: 9.43 min Scan# 1235

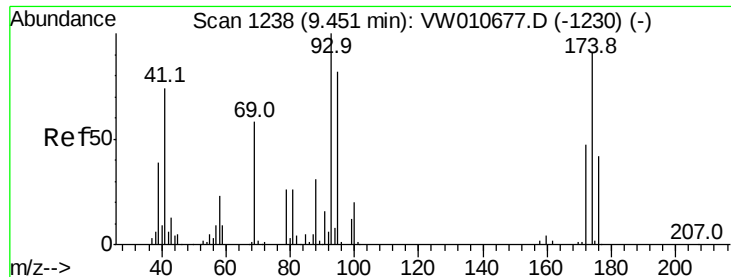
Delta R.T. -0.01 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Tgt Ion:	41	Resp:	108071
Ion Ratio	Lower	Upper	
41	100		
69	69.1	56.6	85.0
39	56.2	44.4	66.6





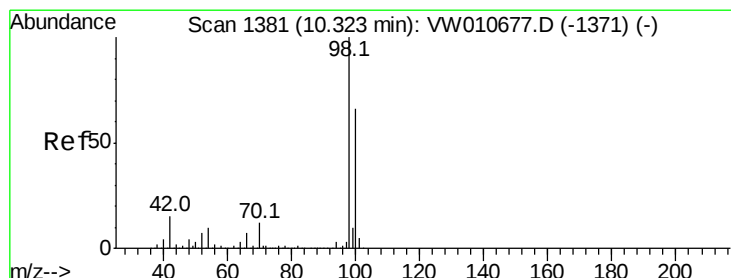
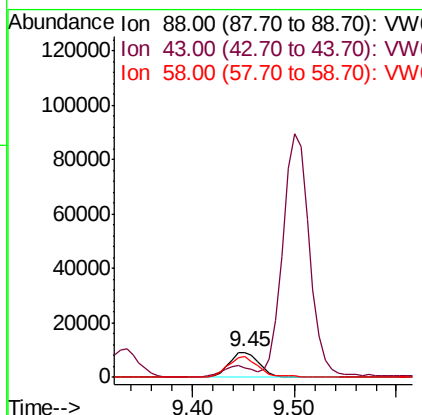
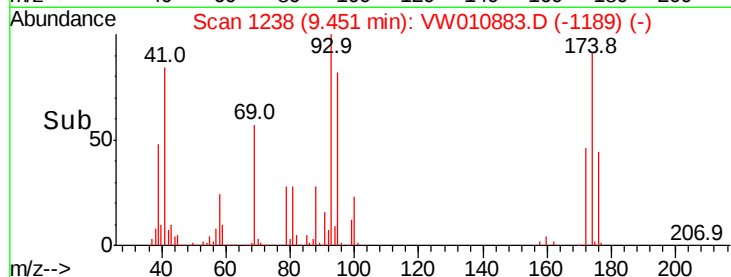
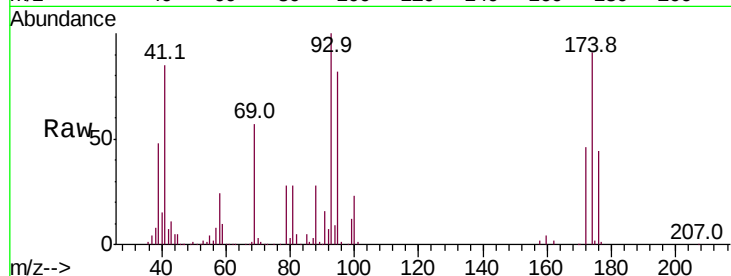
#49
1,4-Dioxane
Concen: 873.346 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	19099
Ion Ratio	Lower	Upper	
88	100		
43	43.6	34.2	51.4
58	85.7	69.0	103.4

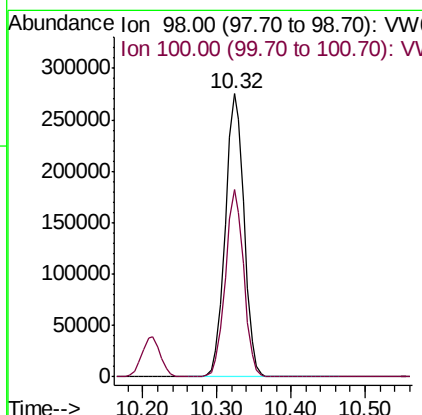
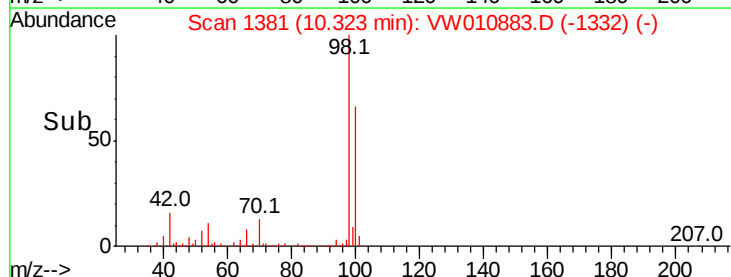
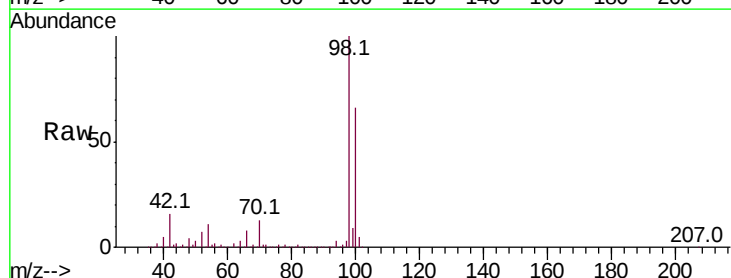
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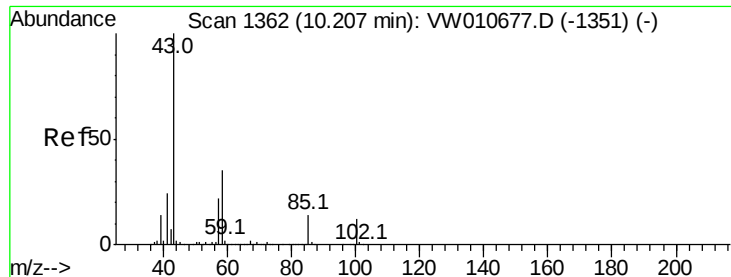
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#50
Toluene-d8
Concen: 49.714 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	98	Resp	482051
Ion Ratio	Lower	Upper	
98	100		
100	65.1	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 244.001 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 556501

Ion Ratio Lower Upper

43 100

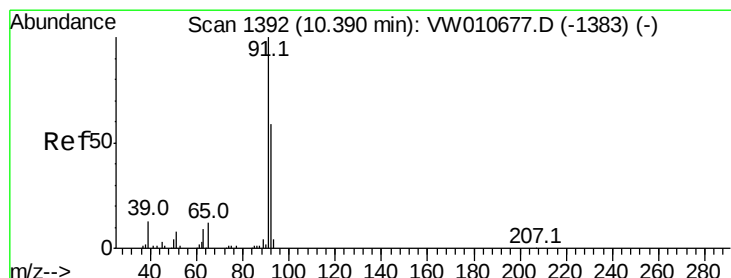
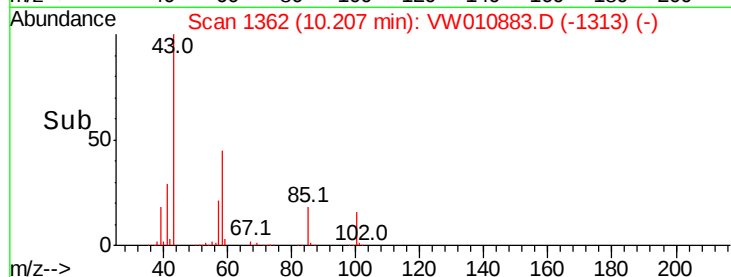
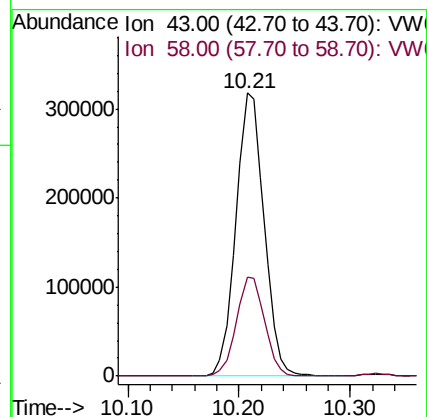
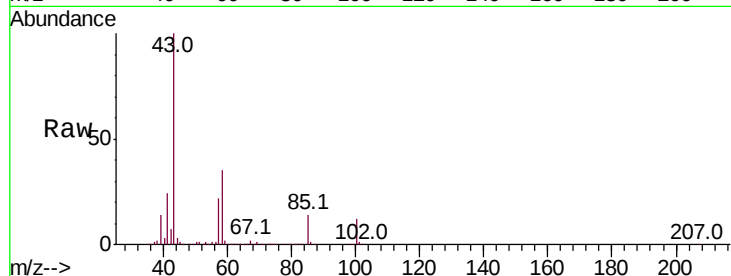
58 35.1 28.4 42.6

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#52

Toluene

Concen: 54.753 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010883.D

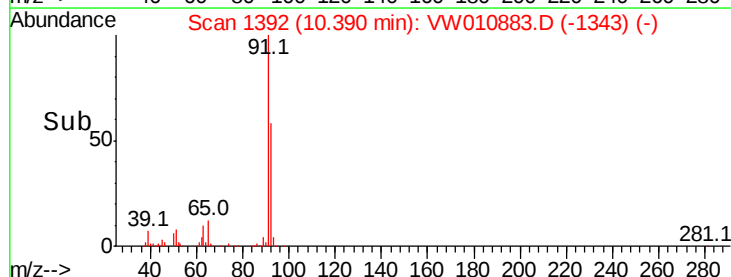
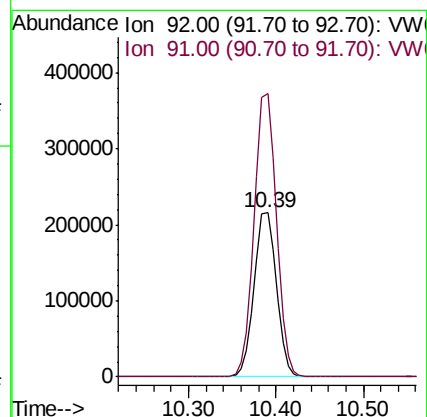
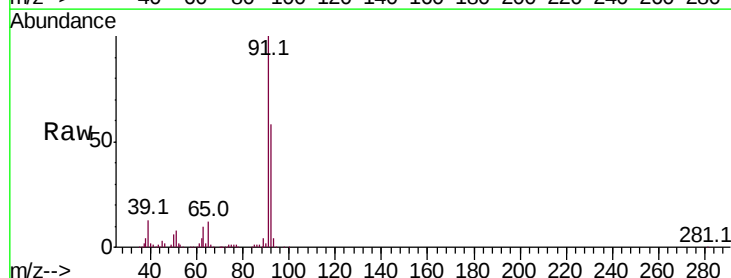
Acq: 20 Jun 2019 10:46

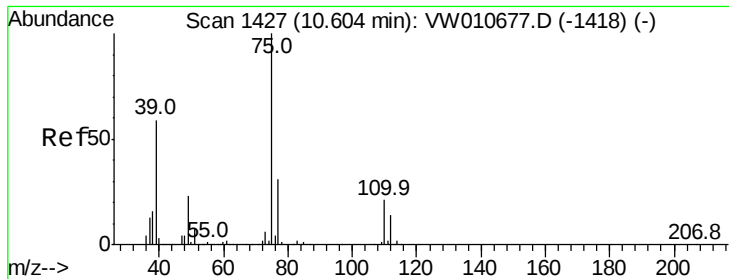
Tgt Ion: 92 Resp: 383250

Ion Ratio Lower Upper

92 100

91 171.9 134.9 202.3





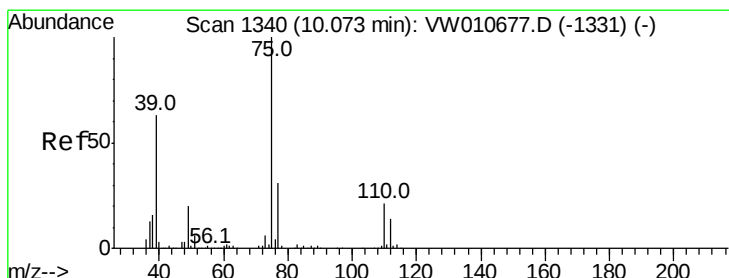
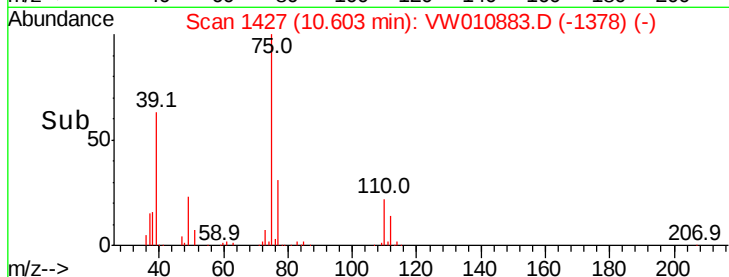
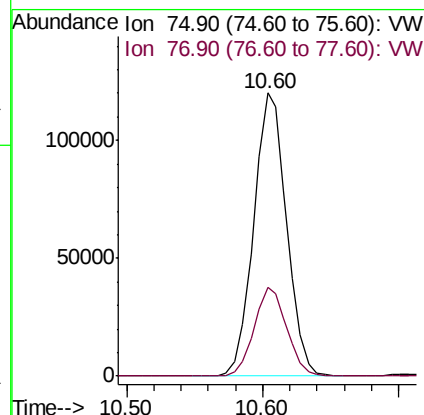
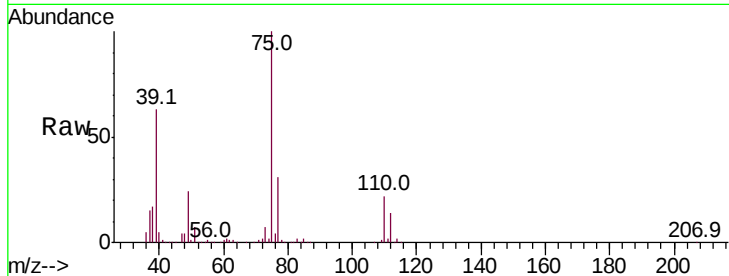
#53
 t-1,3-Dichloropropene
 Concen: 52.863 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	36.8

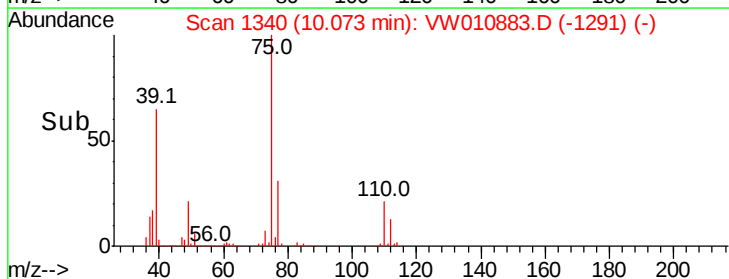
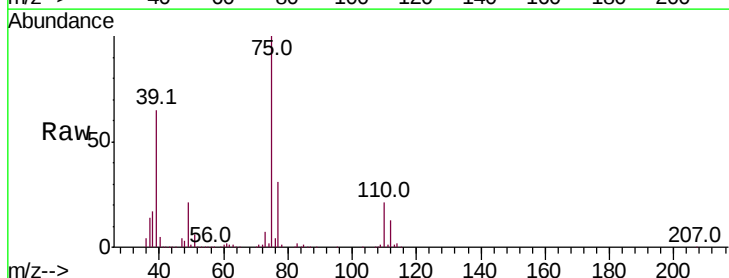
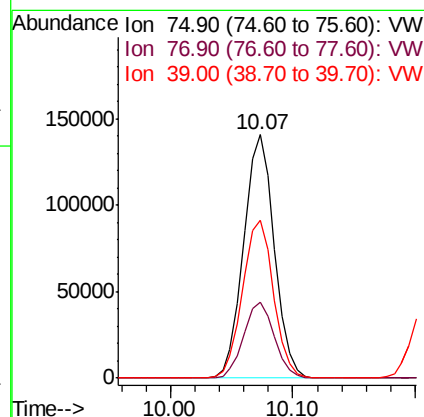
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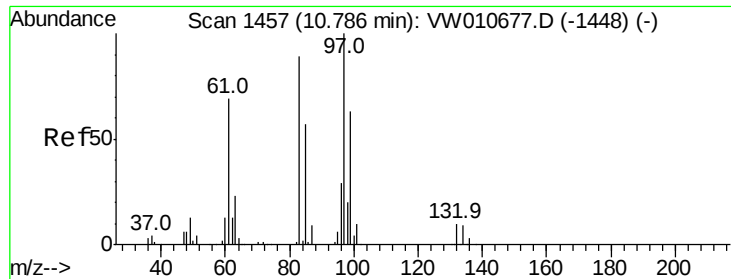
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#54
 cis-1,3-Dichloropropene
 Concen: 54.196 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.2	37.8
39	64.9	50.1	75.1





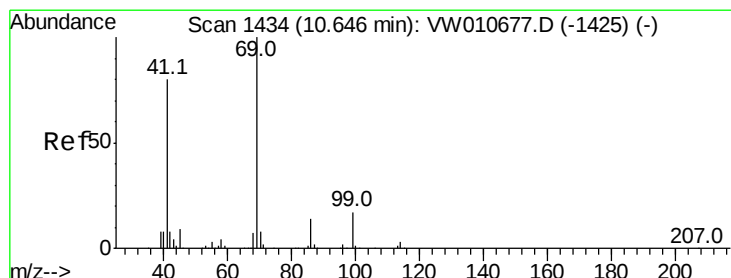
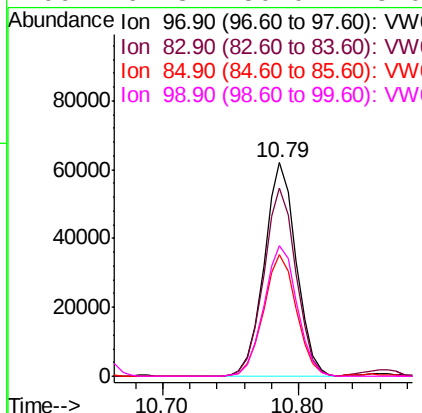
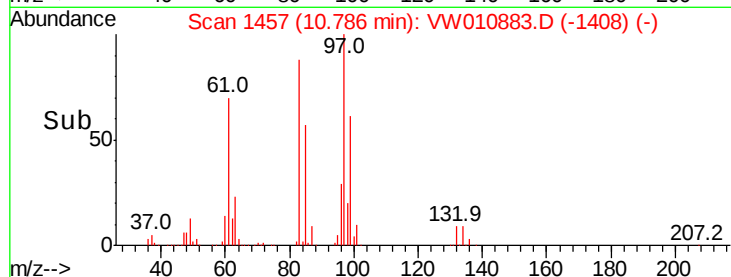
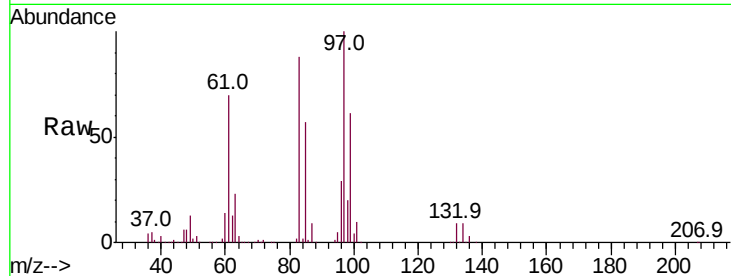
#55
 1,1,2-Trichloroethane
 Concen: 50.856 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	102477
Ion	Ratio	Lower	Upper
97	100		
83	87.8	71.1	106.7
85	57.1	45.2	67.8
99	61.3	50.0	75.0

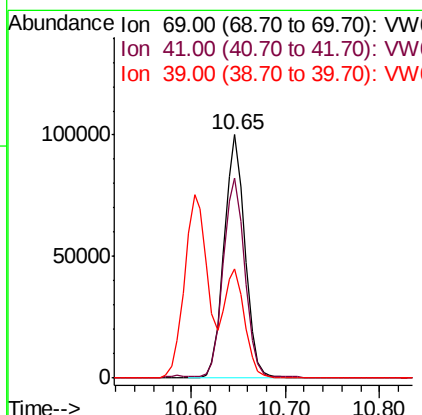
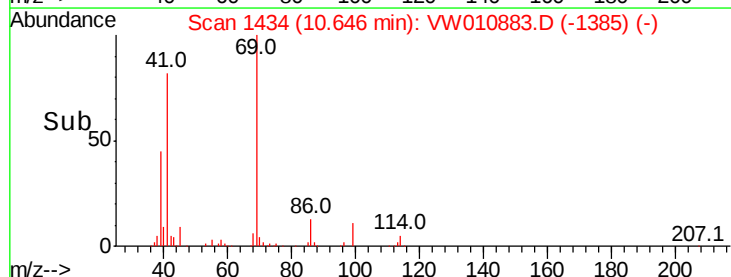
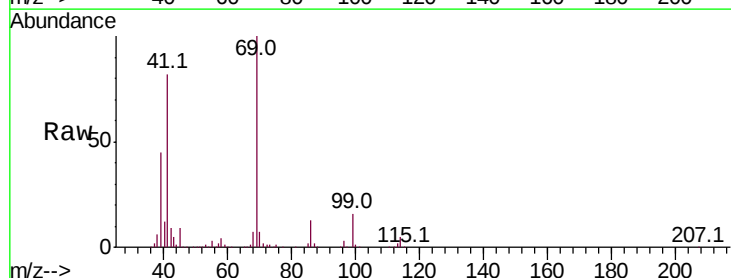
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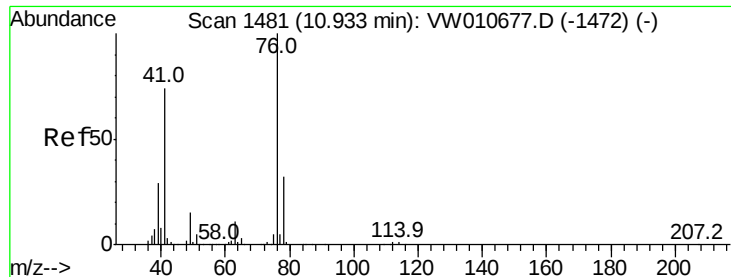
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#56
 Ethyl methacrylate
 Concen: 49.485 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion:	69	Resp:	153435
Ion	Ratio	Lower	Upper
69	100		
41	85.2	64.8	97.2
39	43.2	32.2	48.2





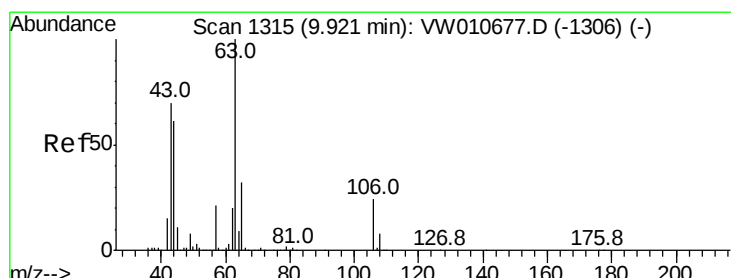
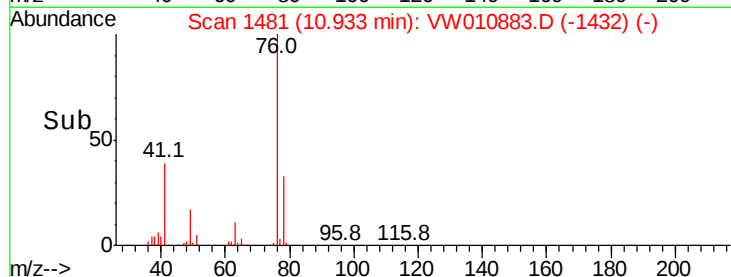
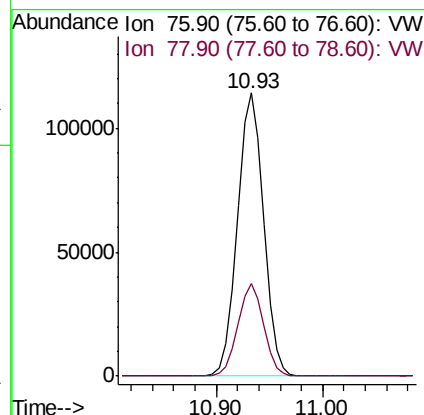
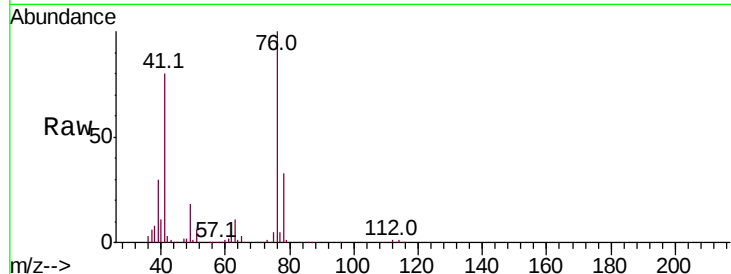
#57
 1,3-Dichloropropane
 Concen: 51.857 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

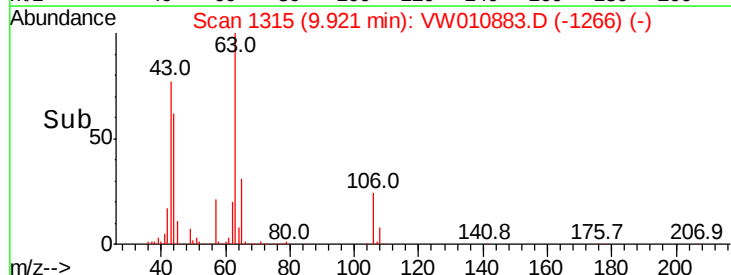
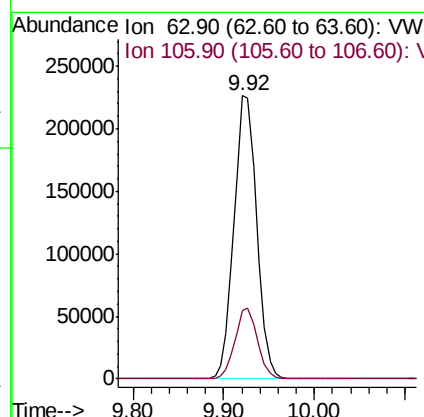
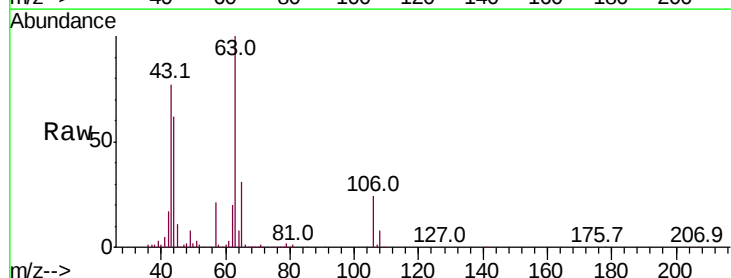
Manual Integrations
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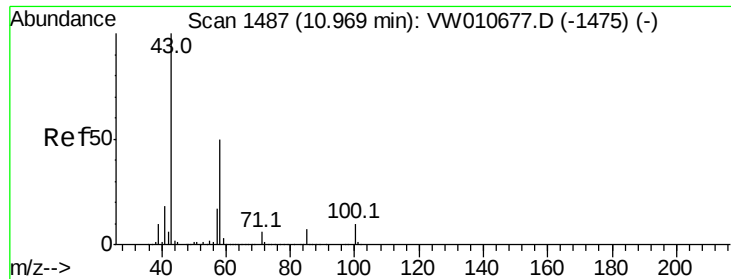
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 243.101 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.6	20.1	30.1





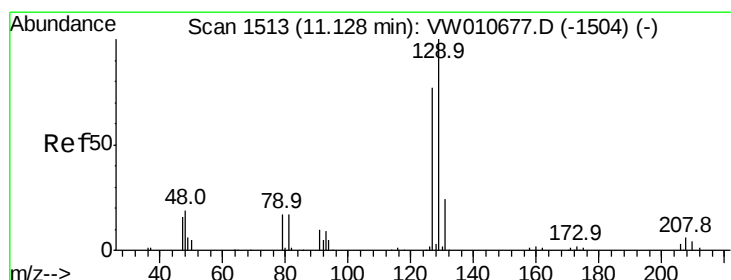
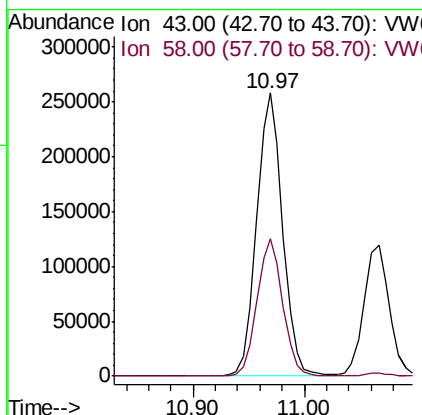
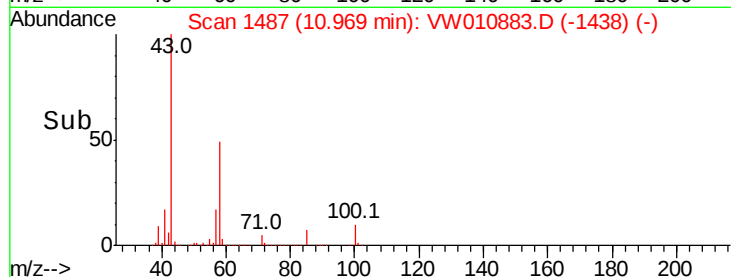
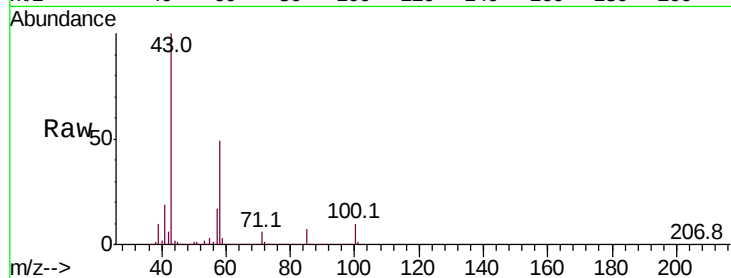
#59
2-Hexanone
Concen: 253.393 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 417677
Ion Ratio Lower Upper
43 100
58 48.2 24.9 74.6

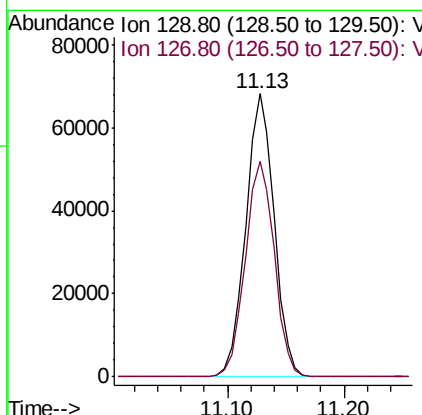
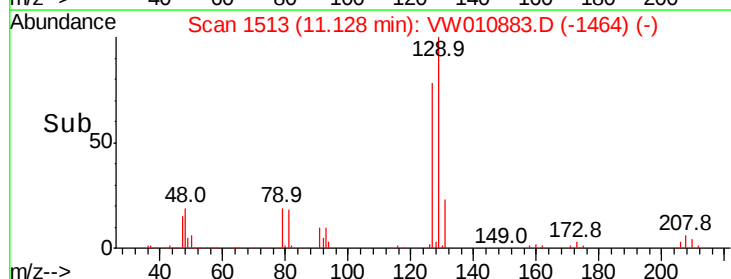
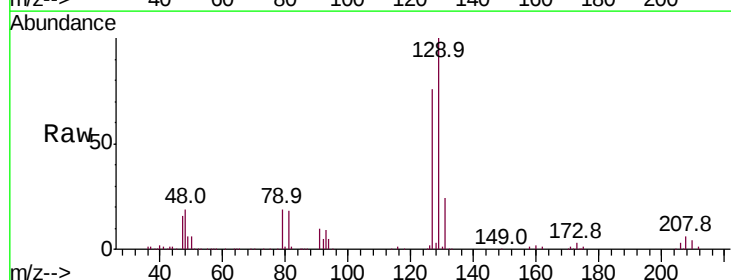
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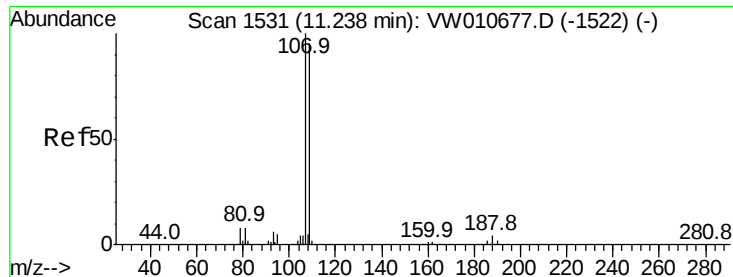
MMDadoda
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#60
Dibromochloromethane
Concen: 51.962 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion: 129 Resp: 116069
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.150 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 95746

Ion Ratio Lower Upper

107 100

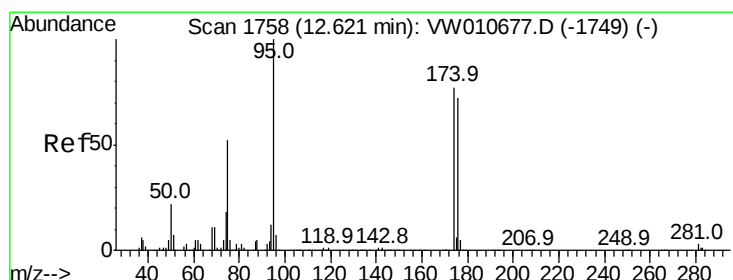
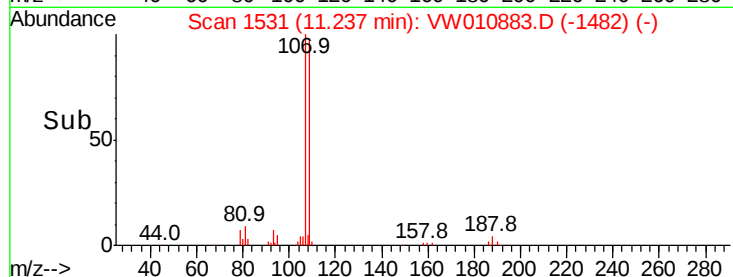
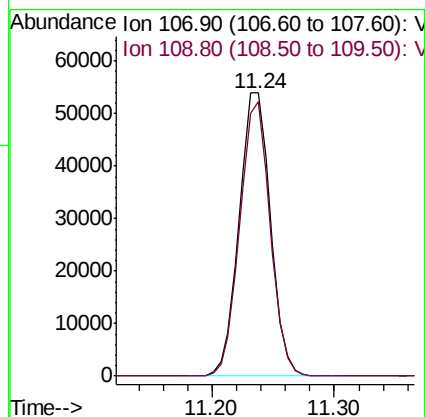
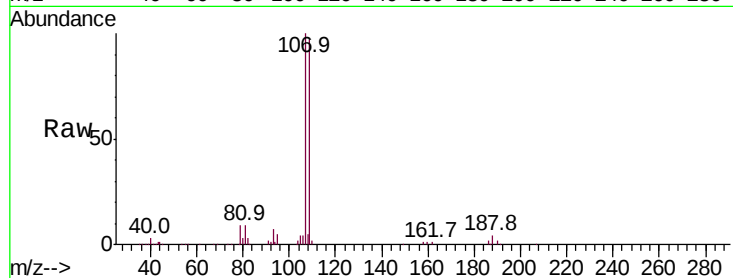
109 94.1 75.8 113.8

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.265 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

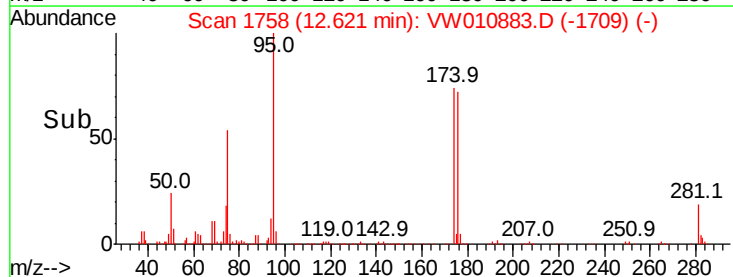
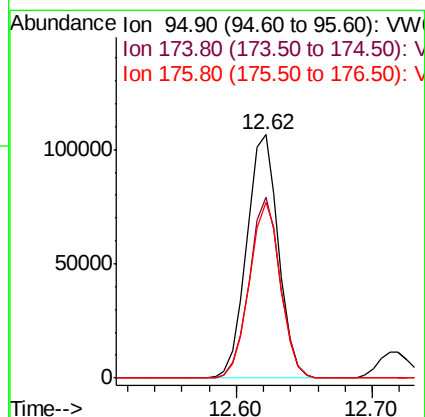
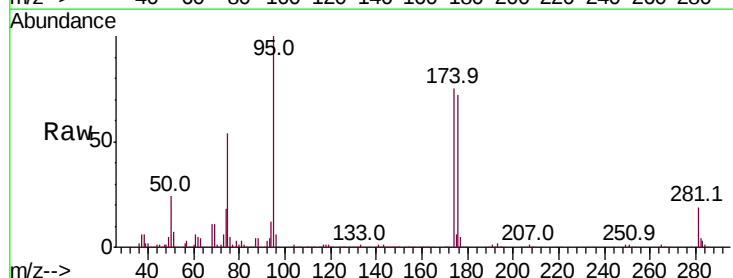
Tgt Ion: 95 Resp: 173829

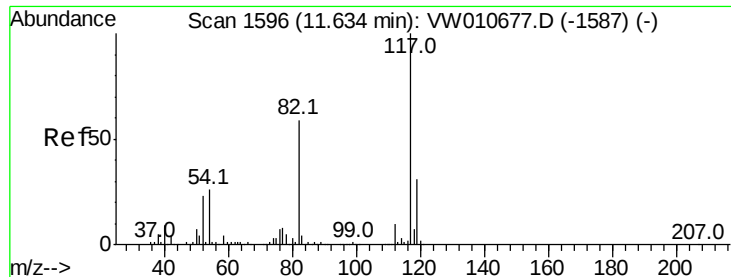
Ion Ratio Lower Upper

95 100

174 72.5 0.0 150.4

176 71.3 0.0 144.8





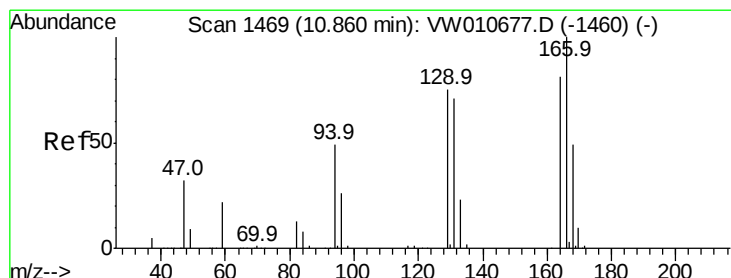
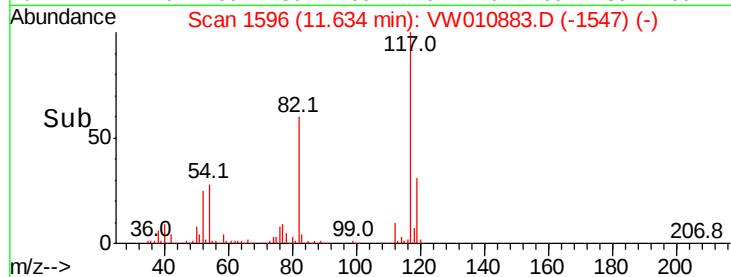
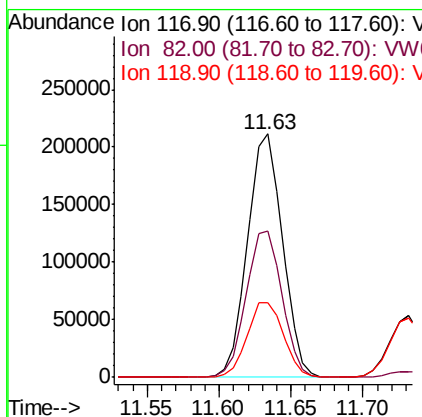
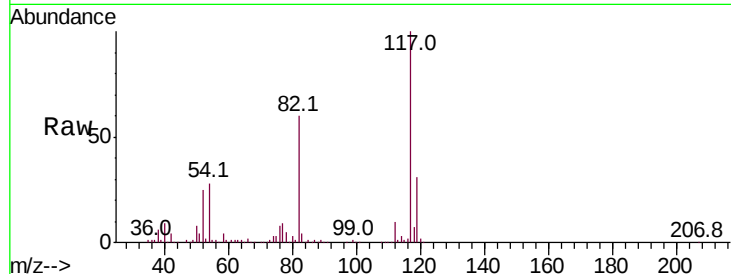
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	355793		
82	60.0	47.0	70.4	
119	30.9	25.1	37.7	

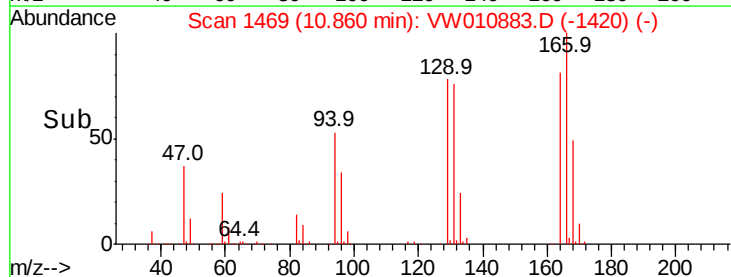
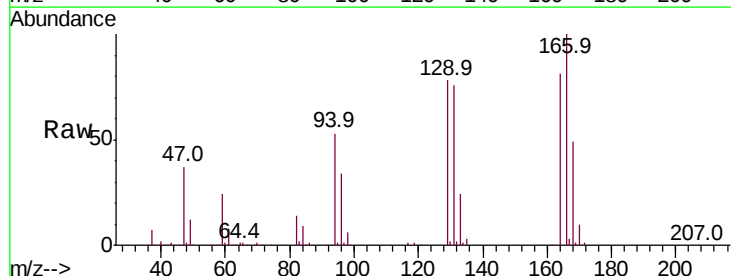
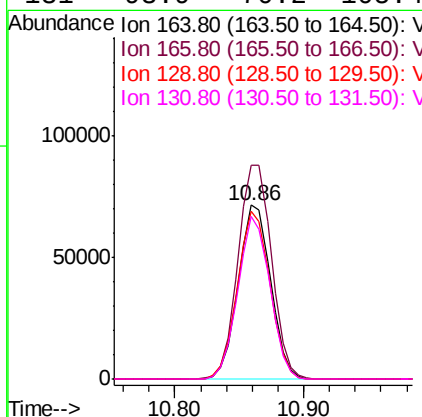
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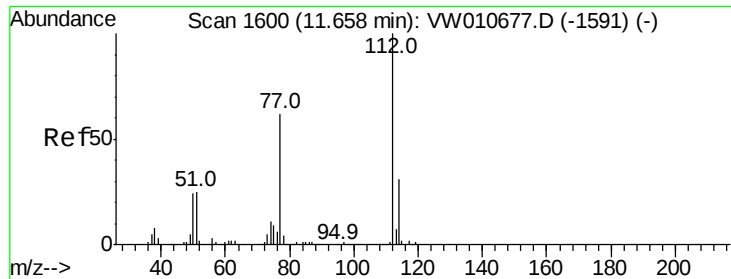
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#64
Tetrachloroethene
Concen: 52.664 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	124410		
166	123.0	99.2	148.8	
129	96.5	74.6	112.0	
131	93.9	70.2	105.4	





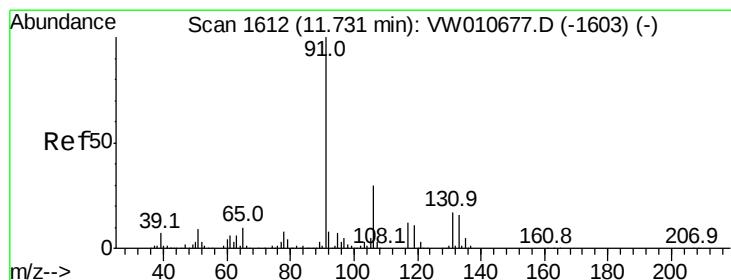
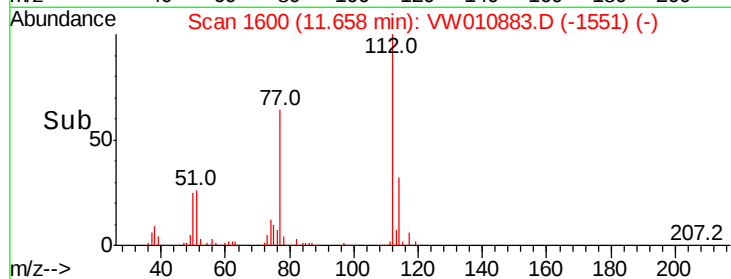
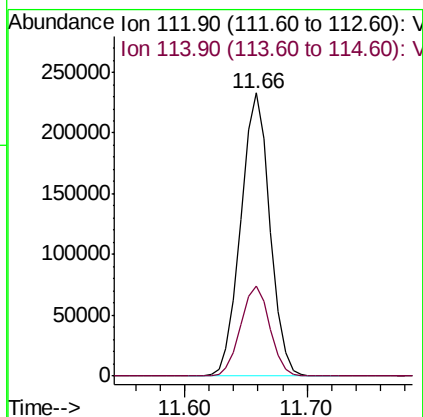
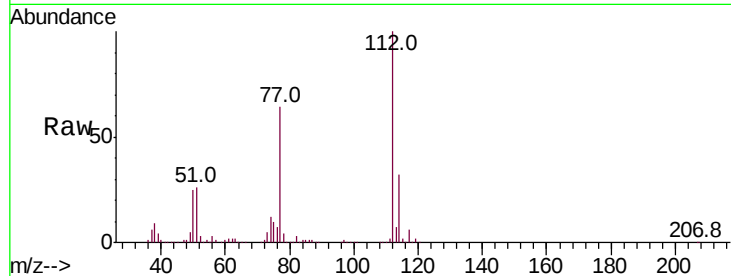
#65
Chlorobenzene
Concen: 54.786 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	24.8	37.2

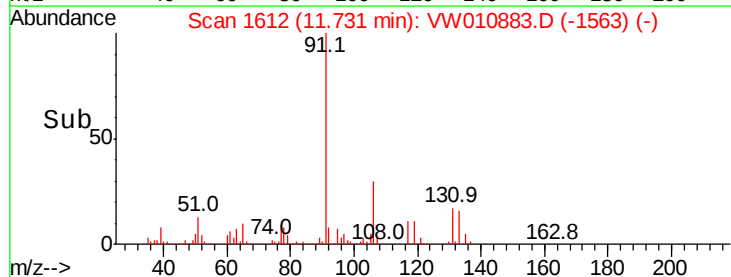
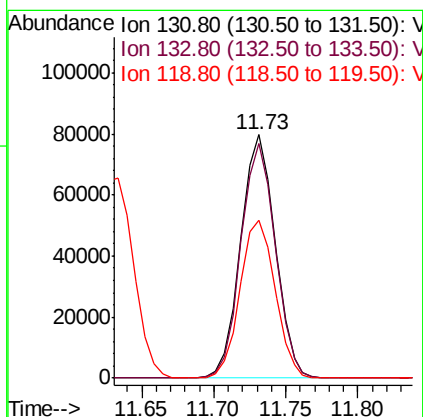
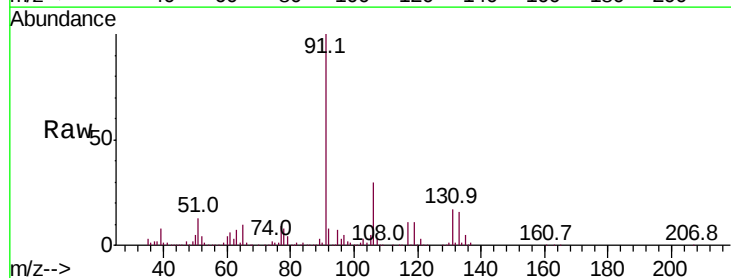
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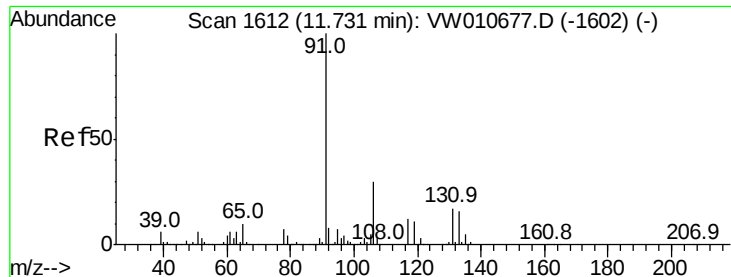
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.765 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.3	141.9
119	65.9	32.4	97.0





#67

Ethyl Benzene

Concen: 55.992 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 752893

Ion Ratio Lower Upper

91 100

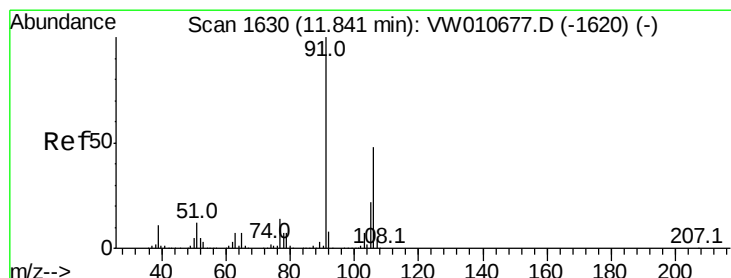
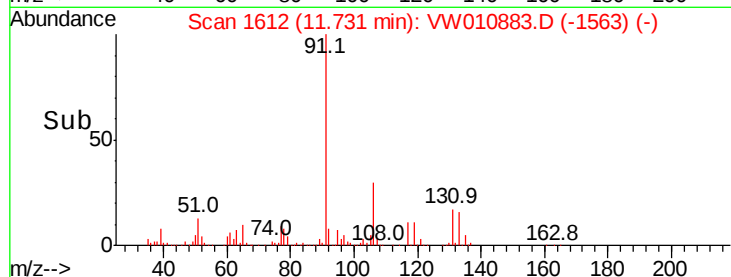
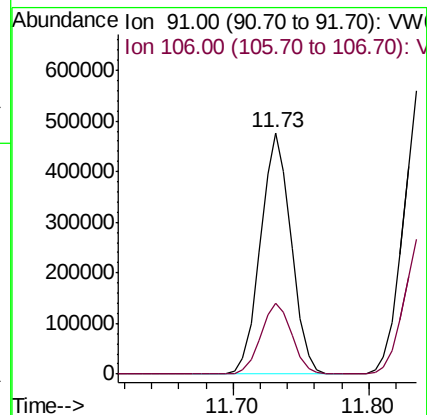
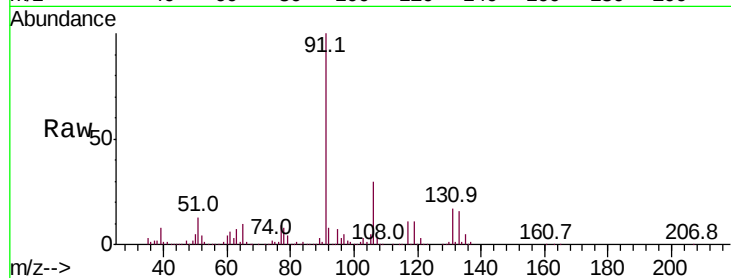
106 29.6 24.2 36.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 111.800 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010883.D

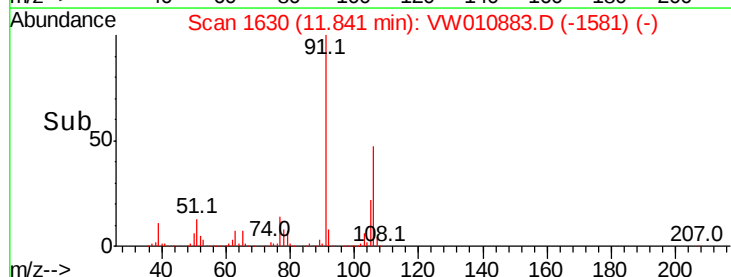
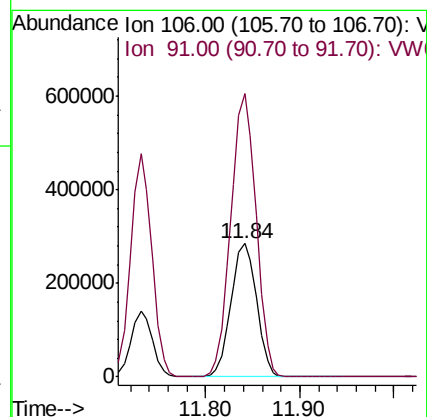
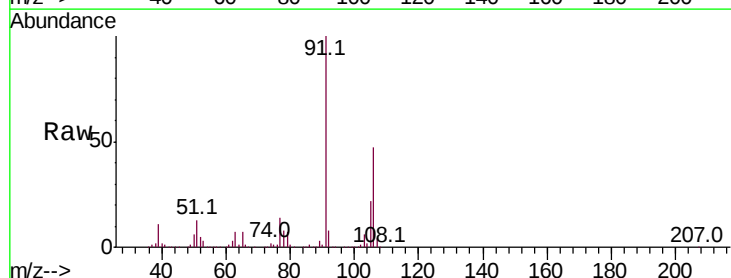
Acq: 20 Jun 2019 10:46

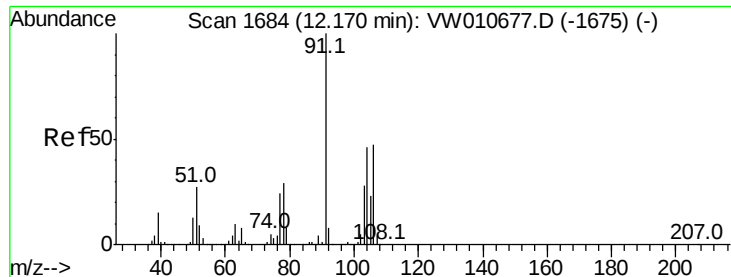
Tgt Ion: 106 Resp: 538148

Ion Ratio Lower Upper

106 100

91 209.8 166.5 249.7





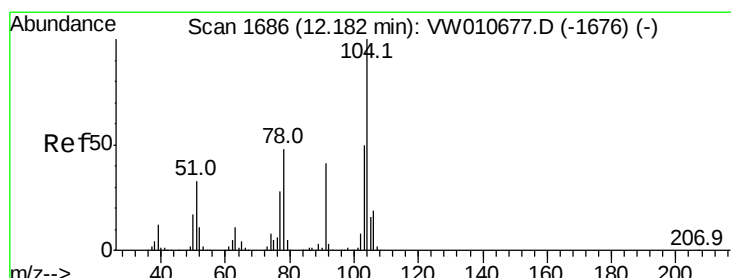
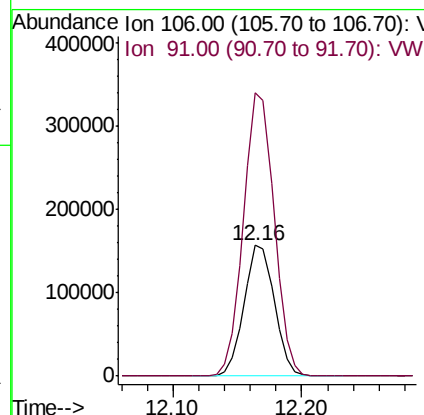
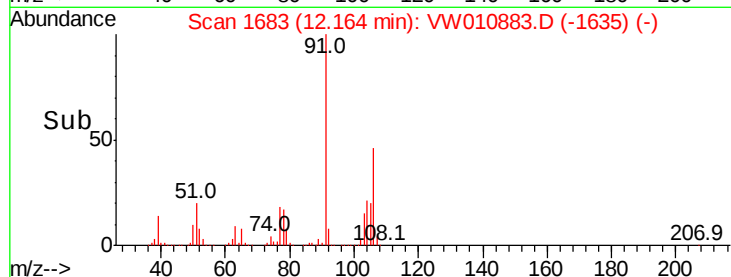
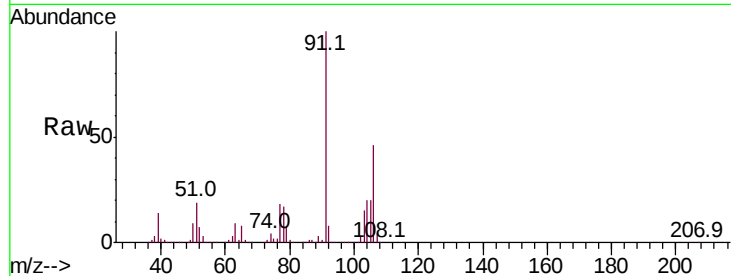
#69
o-Xylene
Concen: 56.063 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	255941		
91	219.4	108.9	326.6	

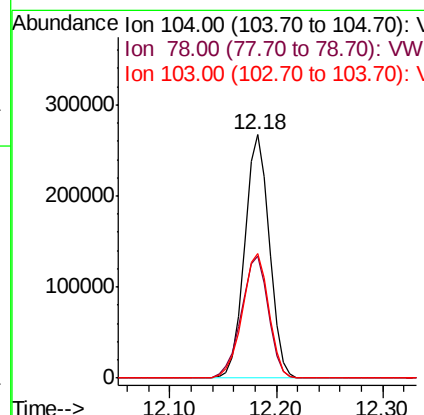
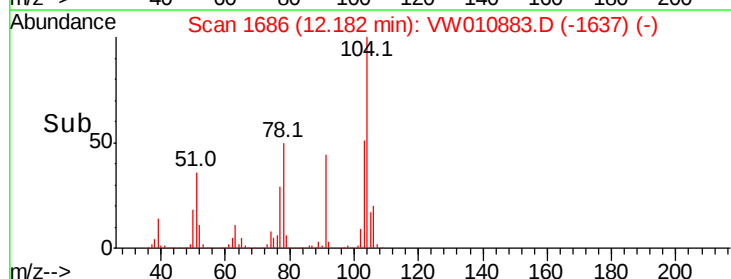
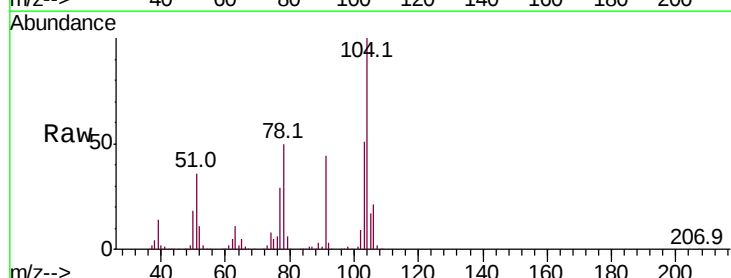
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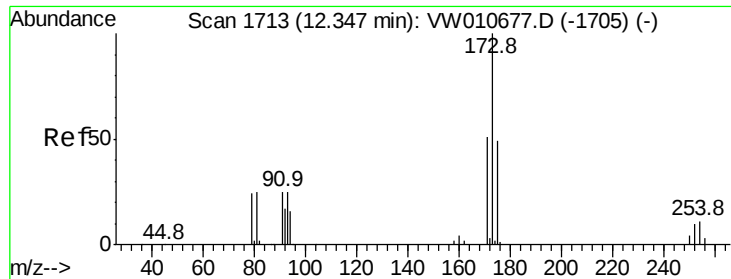
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#70
Styrene
Concen: 54.993 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	436117		
78	54.7	42.7	64.1	
103	54.9	43.6	65.4	





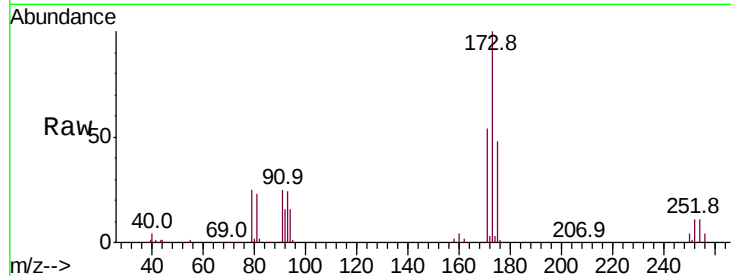
#71
Bromoform
Concen: 49.292 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

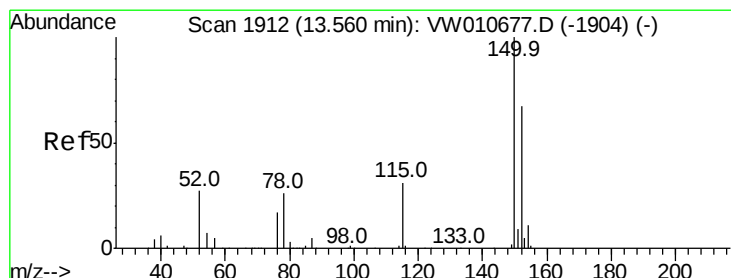
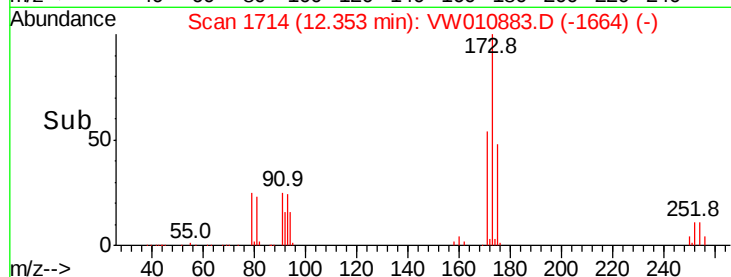
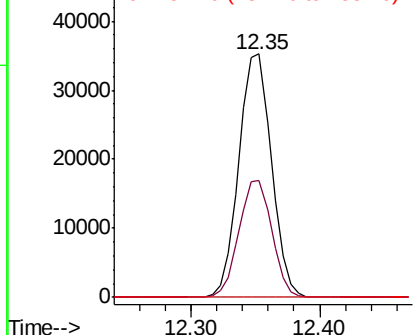
Tot Ion:173 Resp: 61744
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.1 0.1 0.1#

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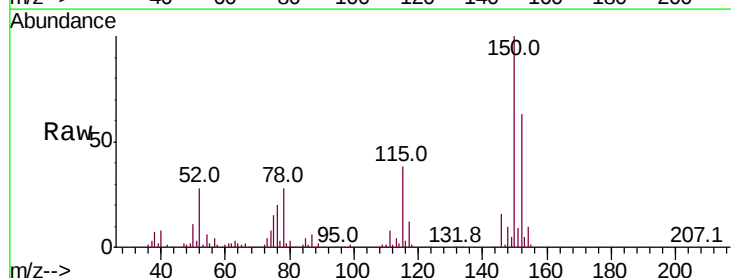


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

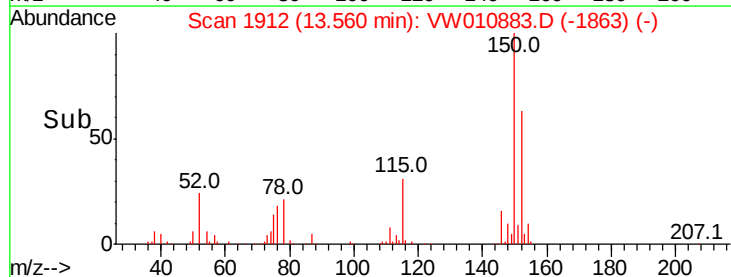
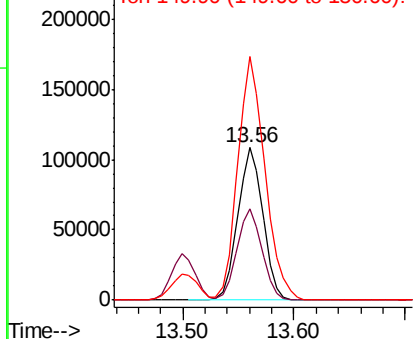


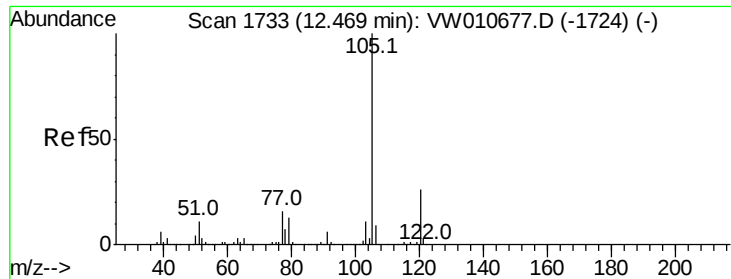
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion:152 Resp: 168171
Ion Ratio Lower Upper
152 100
115 60.1 29.8 89.3
150 174.1 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: 56.942 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 719595

Ion Ratio Lower Upper

105 100

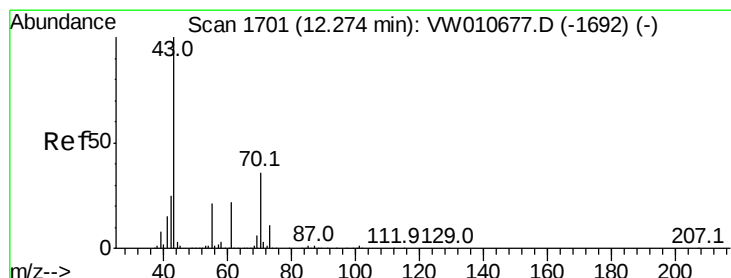
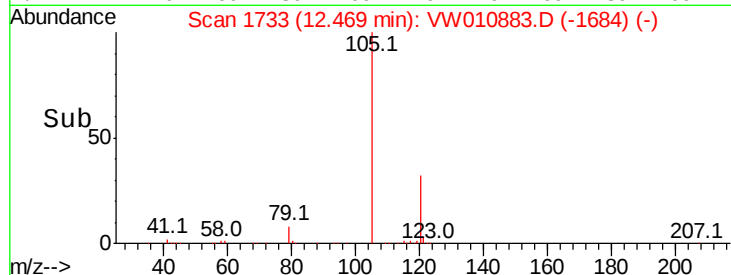
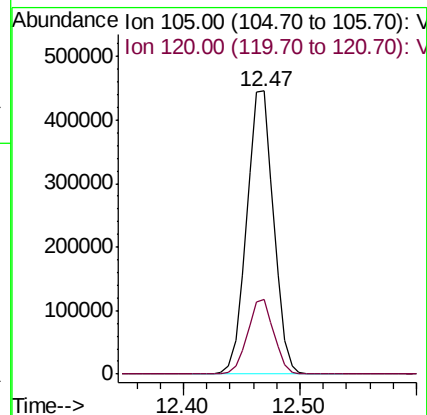
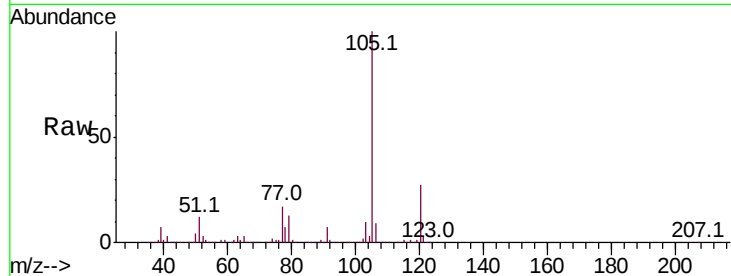
120 25.7 13.1 39.1

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#74

N-ethyl acetate

Concen: 50.249 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Tgt Ion: 43 Resp: 205229

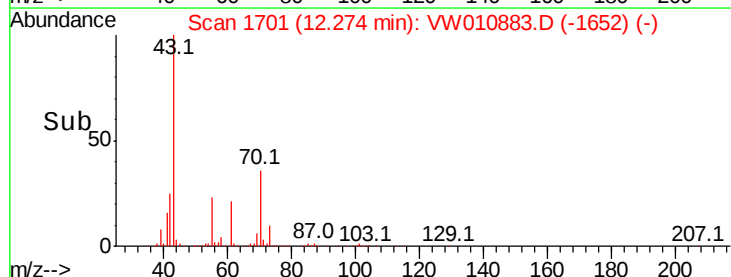
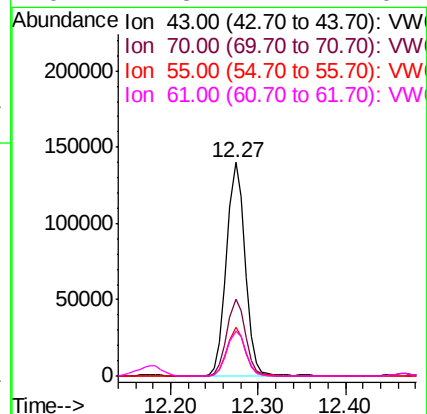
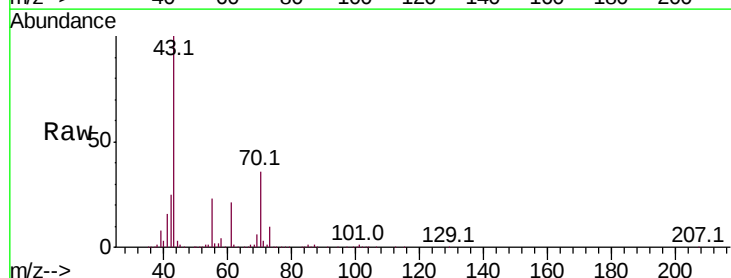
Ion Ratio Lower Upper

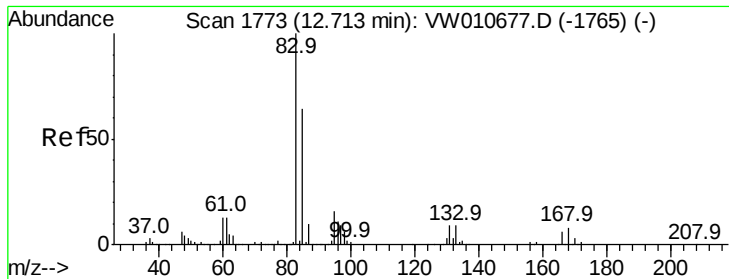
43 100

70 36.3 29.2 43.8

55 22.4 17.5 26.3

61 21.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.060 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

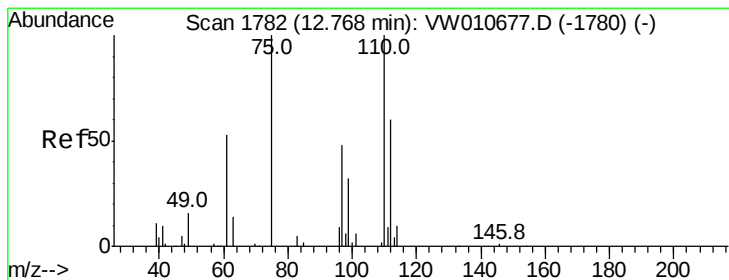
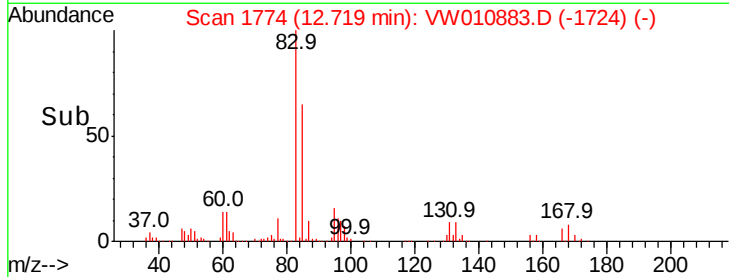
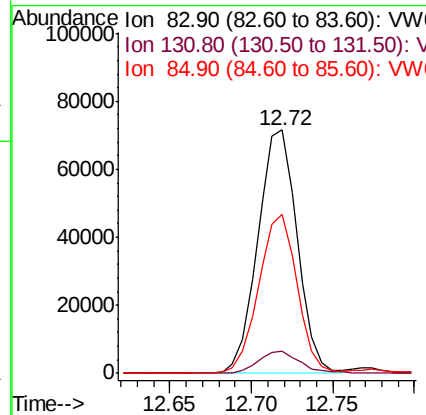
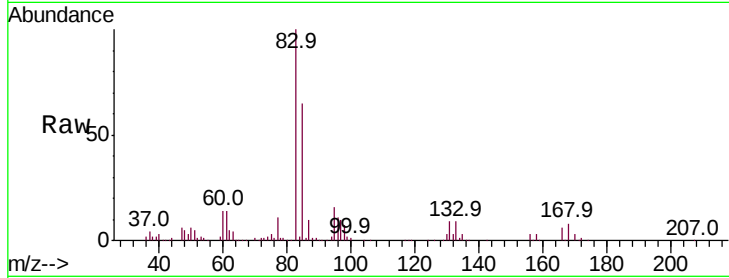
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	120435
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.7
85	63.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.580 ug/l m

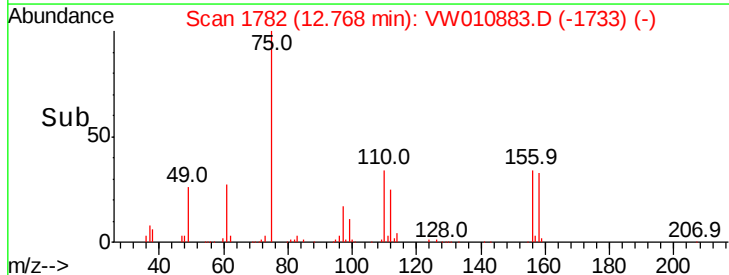
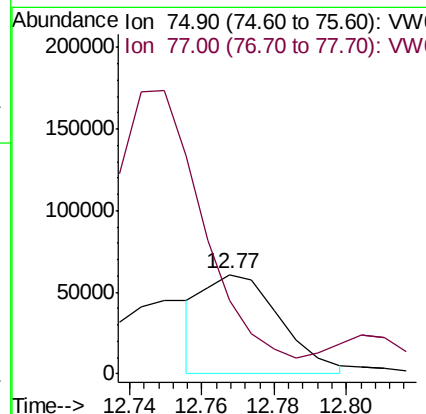
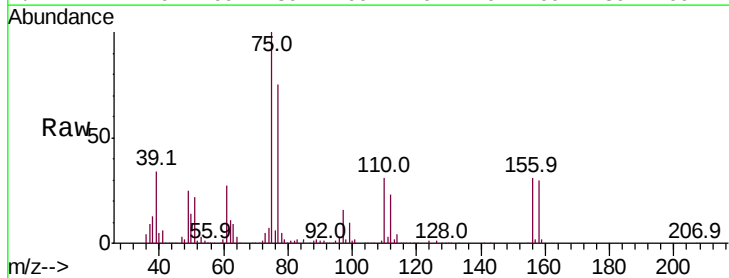
RT: 12.77 min Scan# 1782

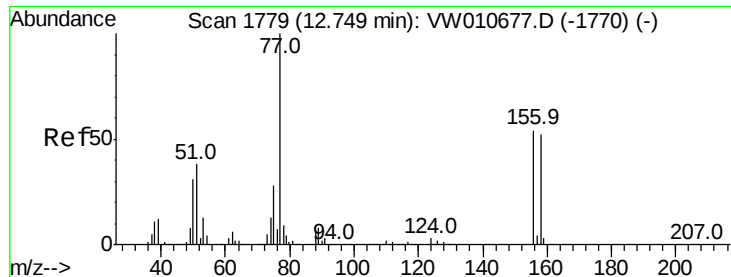
Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Tgt Ion:	75	Resp:	89326
Ion Ratio	Lower	Upper	
75	100		
77	361.0	0.0	0.0#





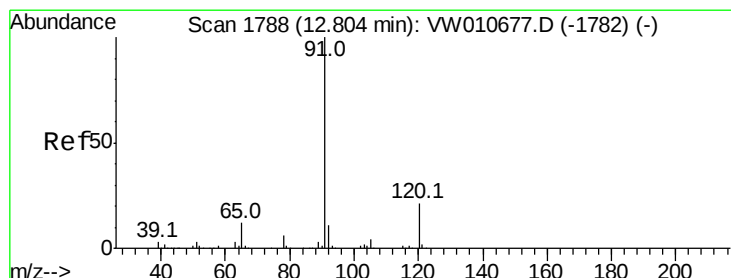
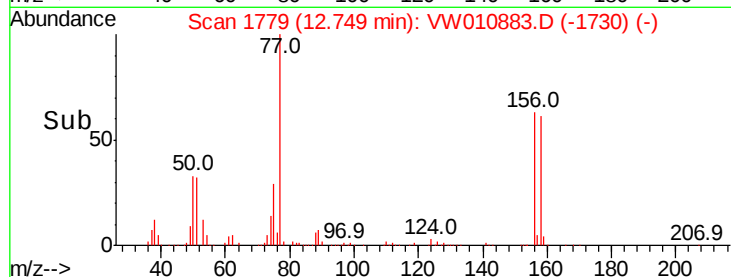
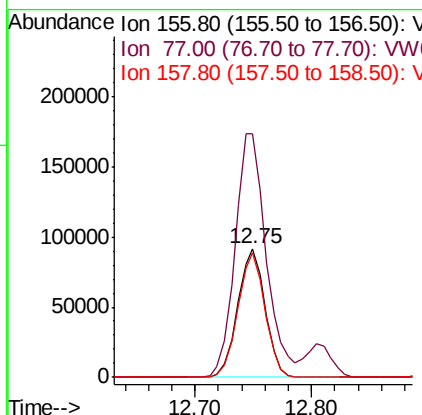
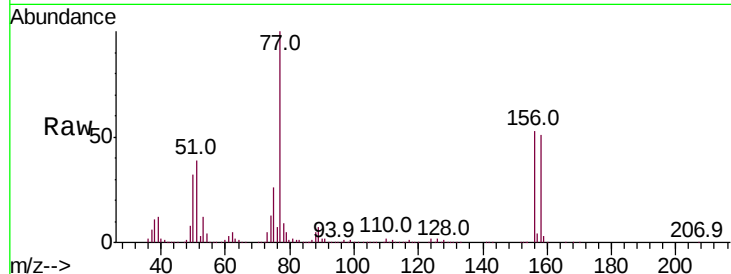
#77
Bromobenzene
Concen: 54.288 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	215.3	106.5	319.4
158	95.9	48.3	144.9

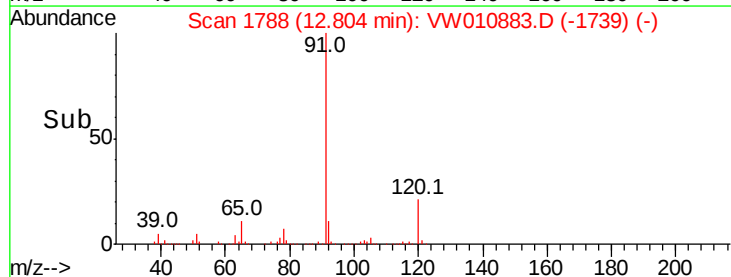
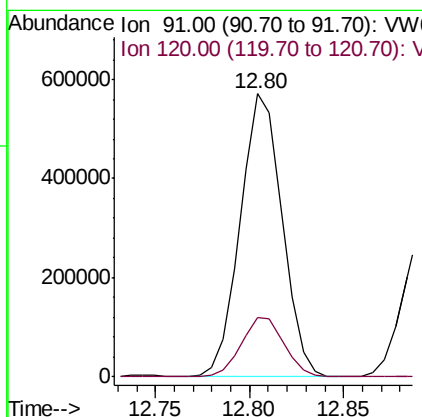
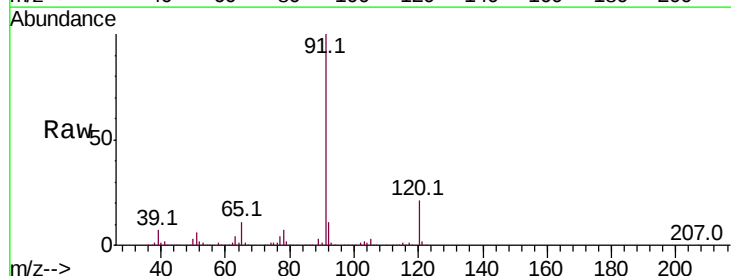
Manual Integrations
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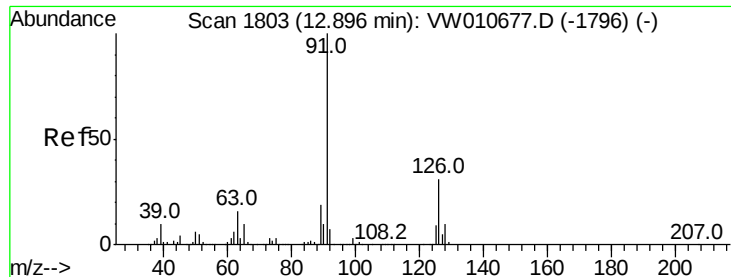
MMDadoda
6/21/2019 3:20:57 PM



#78
n-propylbenzene
Concen: 57.683 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.4





#79

2-Chlorotoluene

Concen: 56.556 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 492362

Ion Ratio Lower Upper

91 100

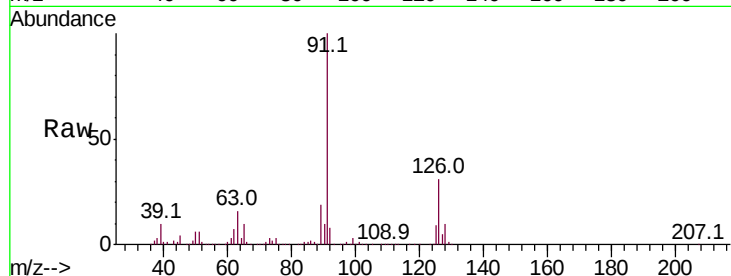
126 30.9 15.7 47.0

Manual Integrations

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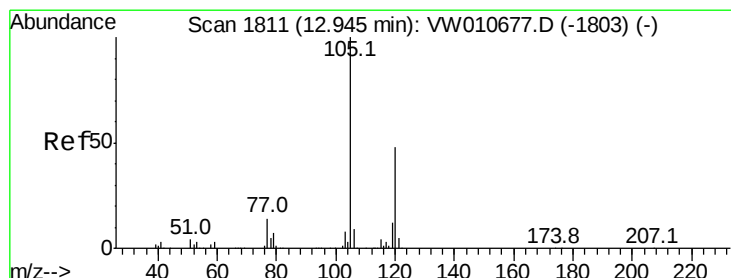
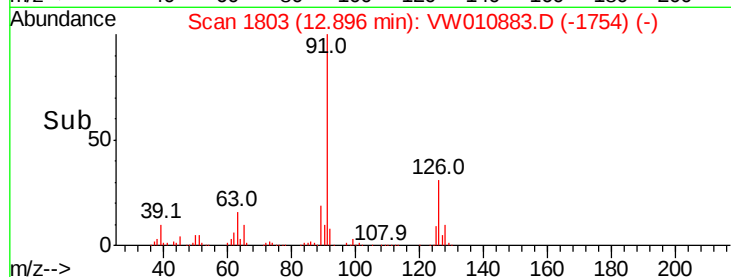
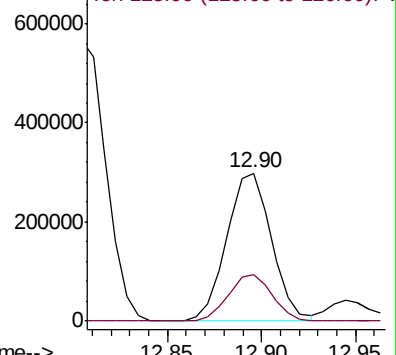
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 56.569 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010883.D

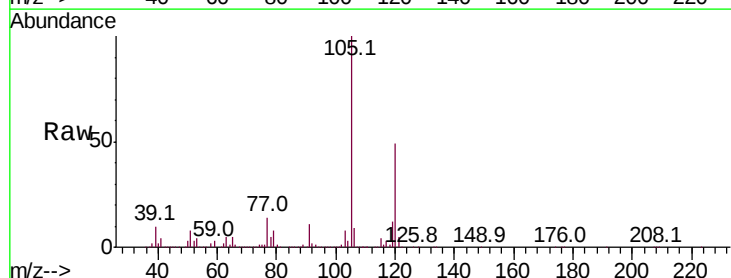
Acq: 20 Jun 2019 10:46

Tgt Ion:105 Resp: 585149

Ion Ratio Lower Upper

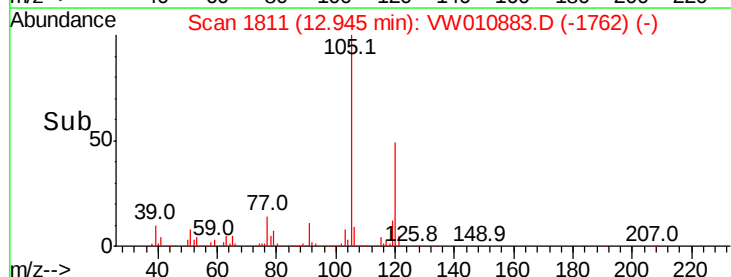
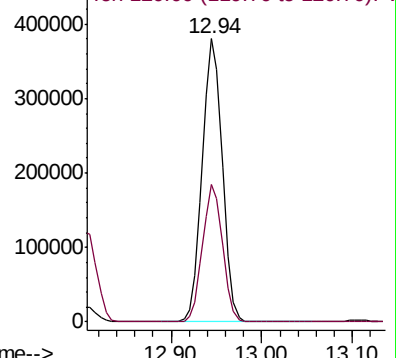
105 100

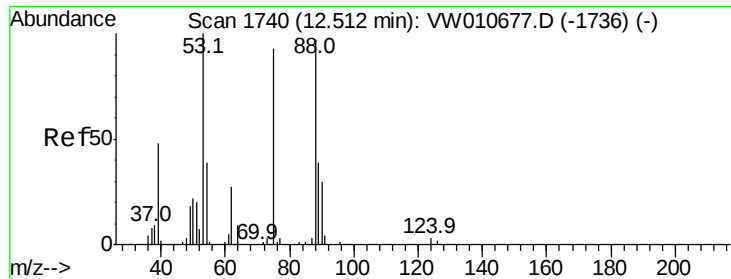
120 48.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.137 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

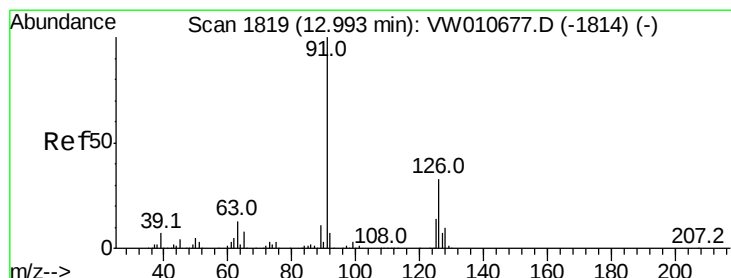
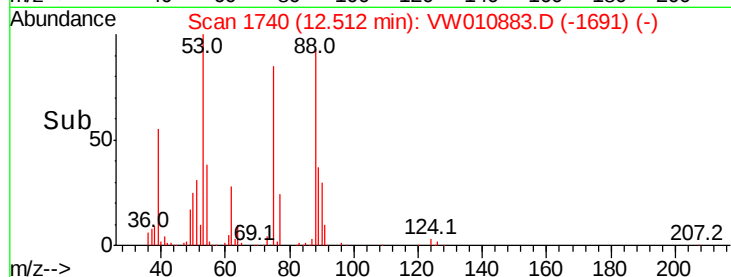
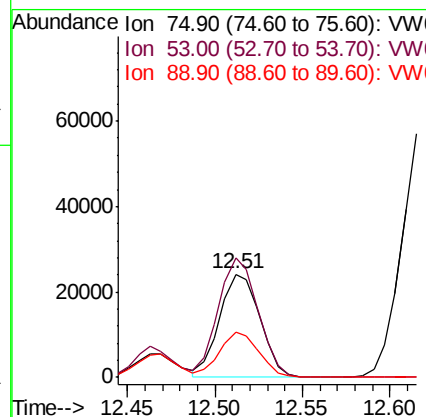
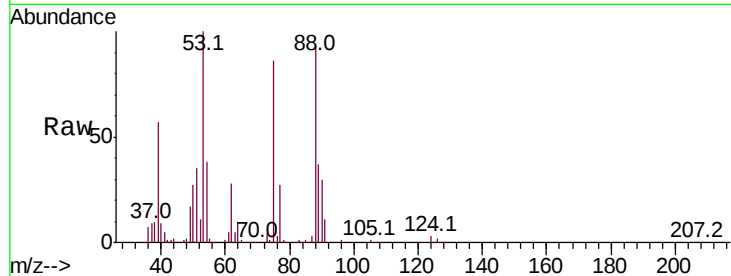
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	38525
Ion	Ratio	Lower	Upper
75	100		
53	115.7	90.1	135.1
89	43.2	34.6	52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 56.351 ug/l

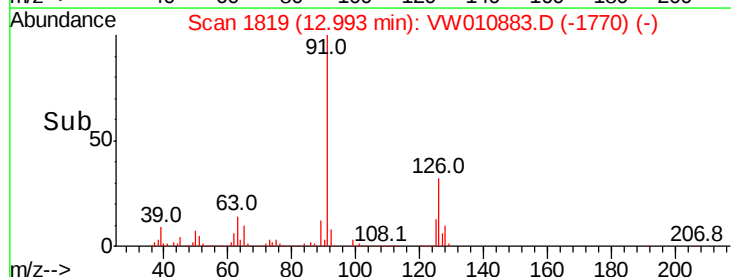
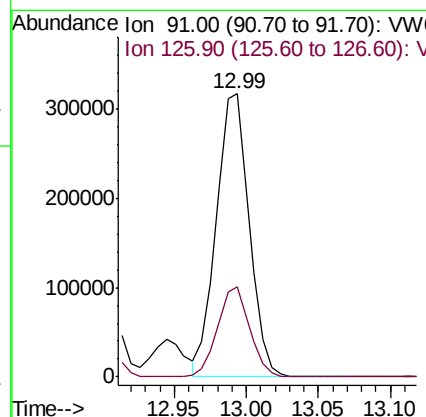
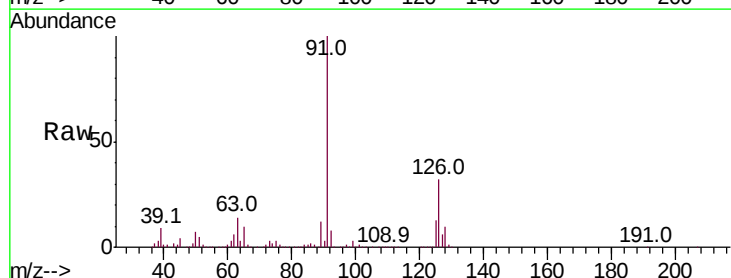
RT: 12.99 min Scan# 1819

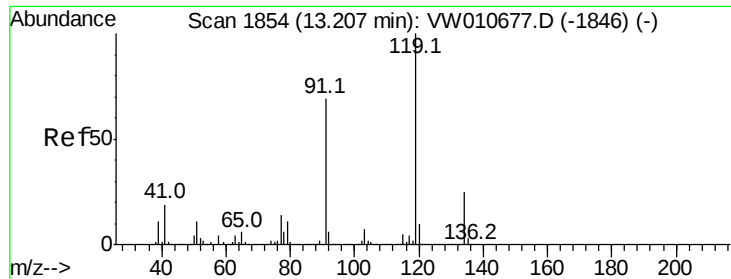
Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Tgt Ion:	91	Resp:	506261
Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.9	47.7





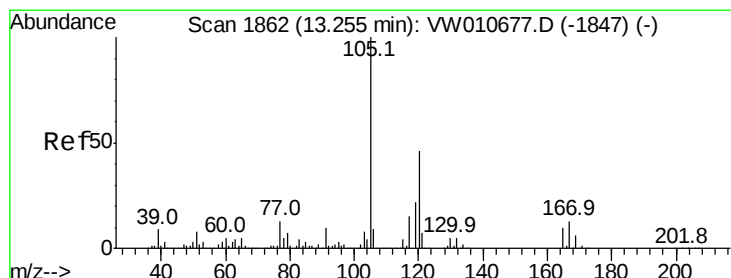
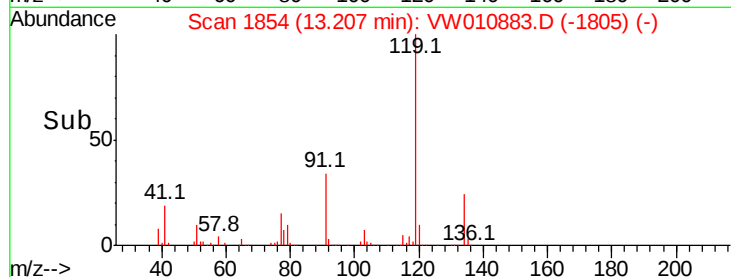
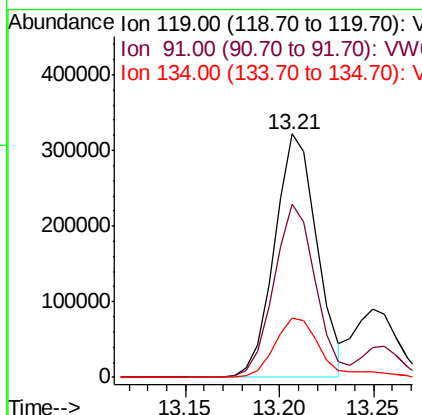
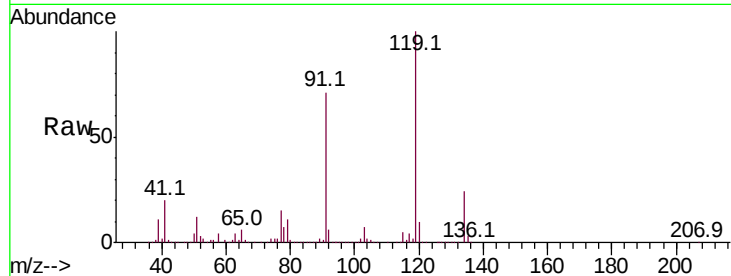
#83
tert-Butylbenzene
Concen: 57.114 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	501387		
91	70.8	35.1	105.3	
134	27.0	13.6	40.7	

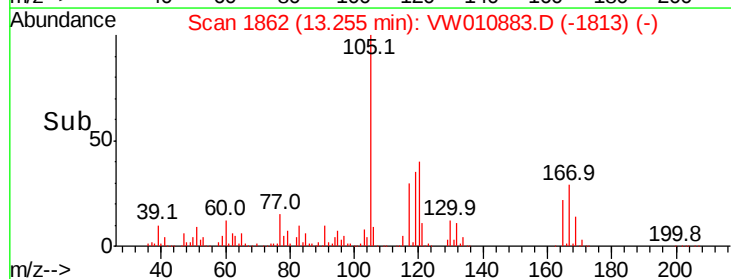
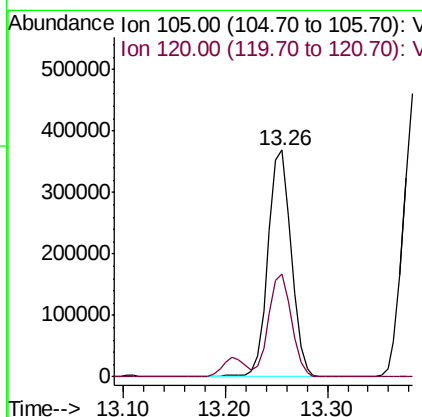
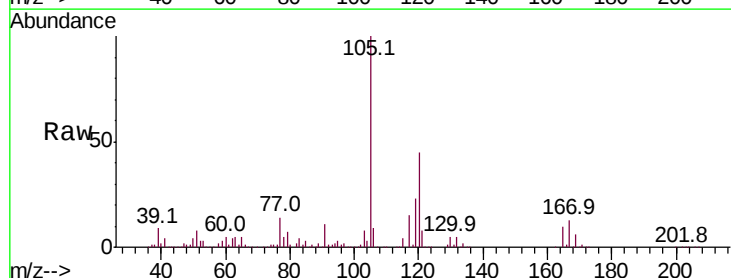
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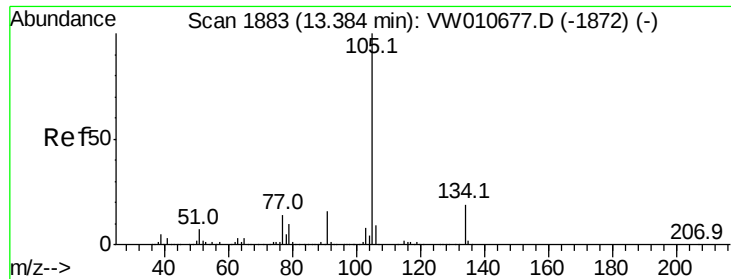
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#84
1,2,4-Trimethylbenzene
Concen: 55.840 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	581240		
120	44.7	22.5	67.5	





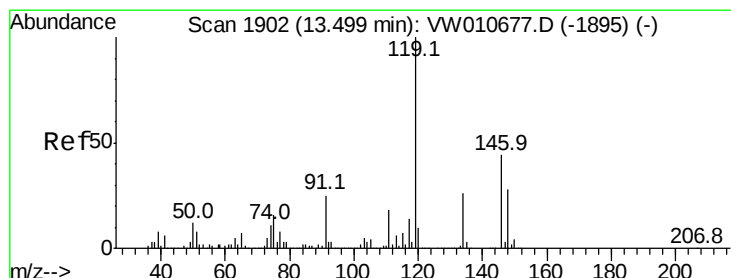
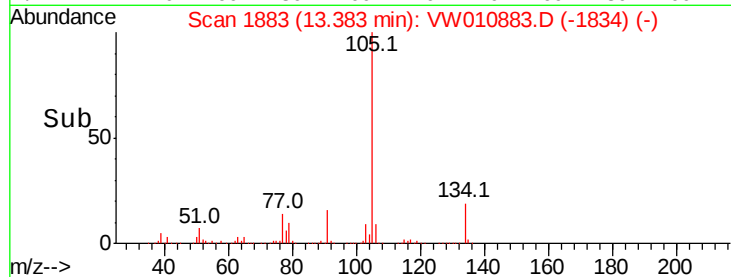
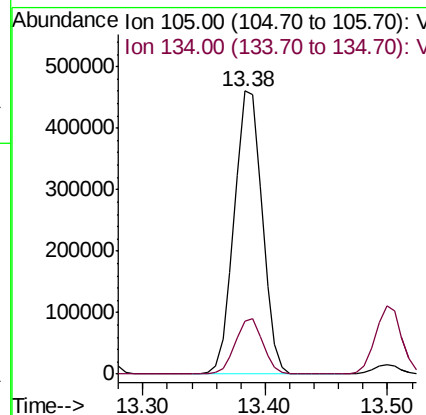
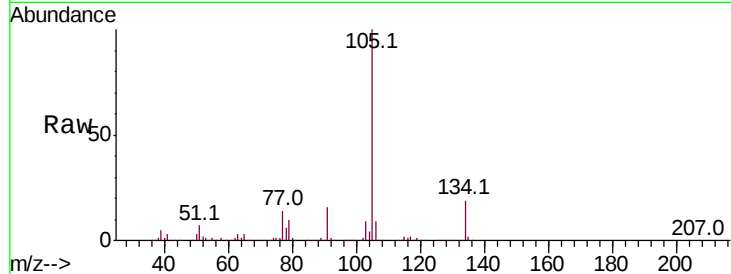
#85
 sec-Butylbenzene
 Concen: 56.885 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	727075		
134	19.3		9.7	28.9

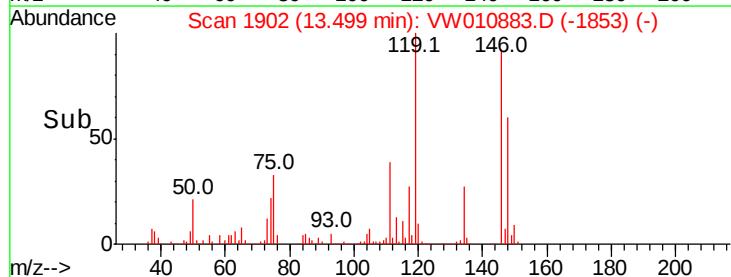
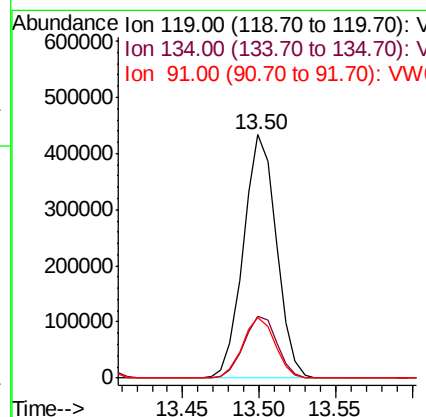
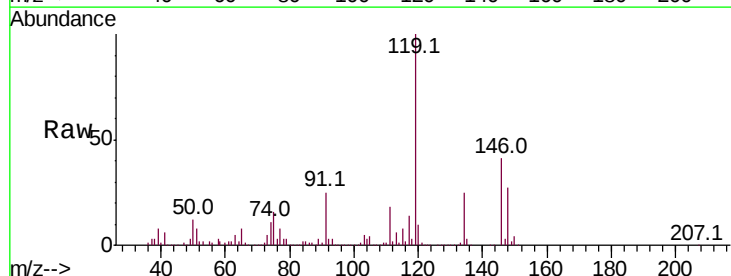
Manual Integrations
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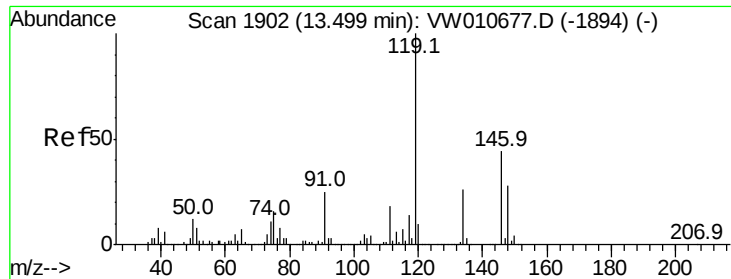
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#86
 p-Isopropyltoluene
 Concen: 56.715 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	648247		
134	25.8		13.0	39.0
91	24.7		12.2	36.4





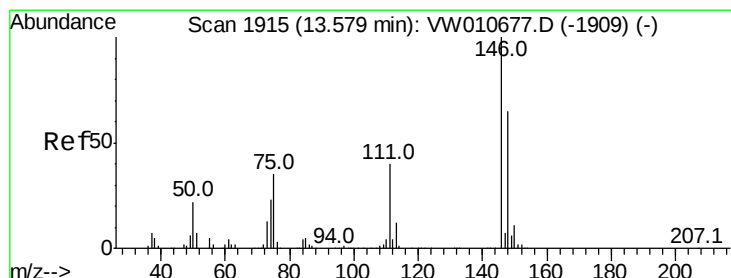
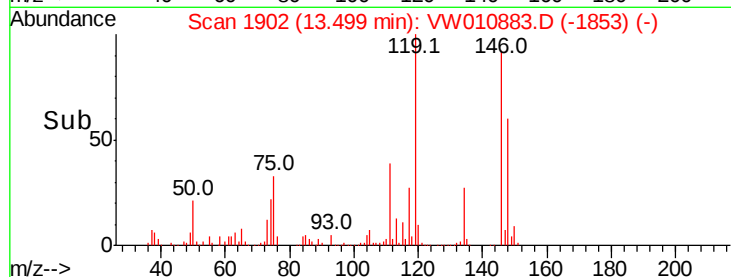
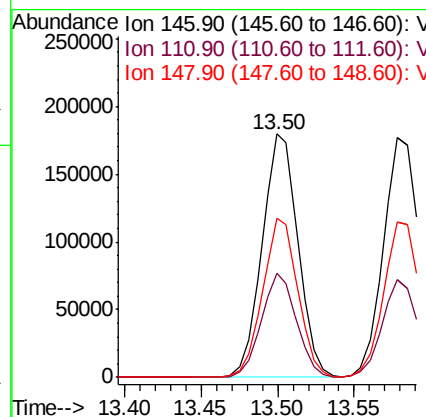
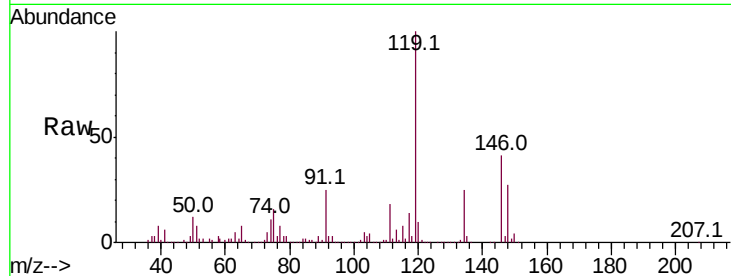
#87
1,3-Dichlorobenzene
Concen: 55.030 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	292742		
111	41.7	20.4	61.3	
148	64.0	31.5	94.5	

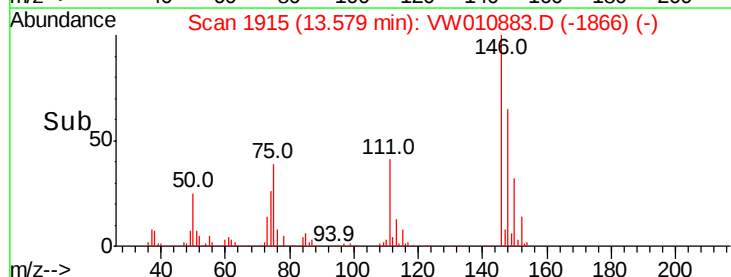
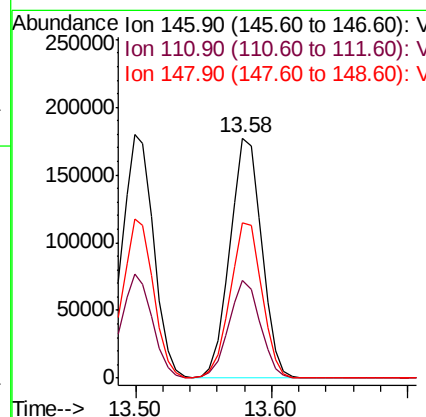
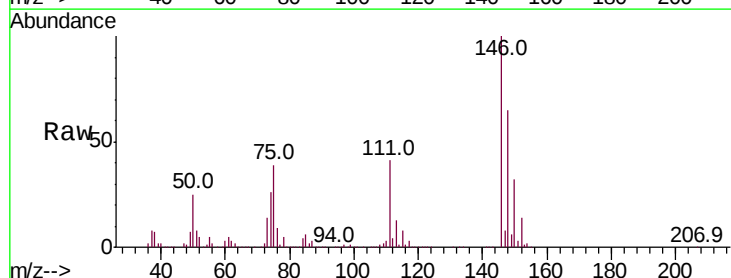
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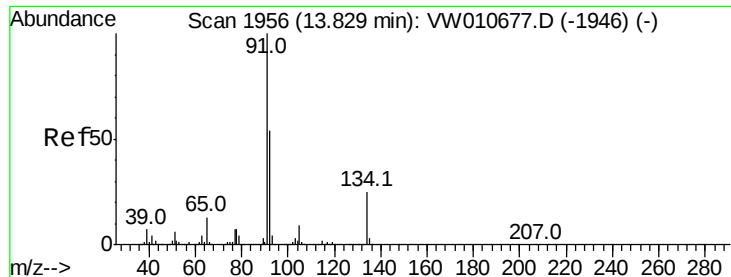
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#88
1,4-Dichlorobenzene
Concen: 54.696 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	288462		
111	40.3	20.3	60.9	
148	64.5	32.4	97.2	





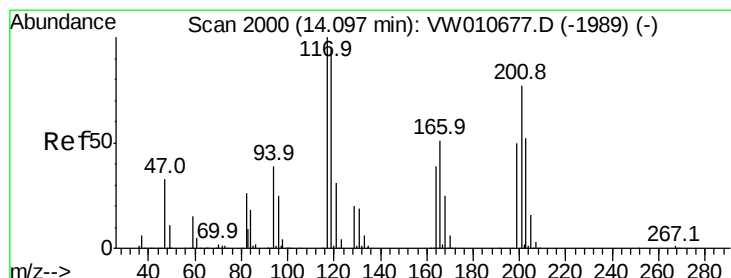
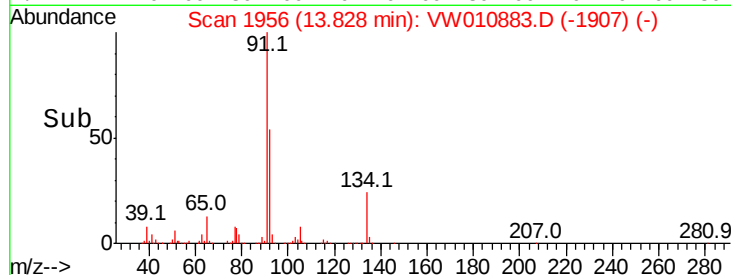
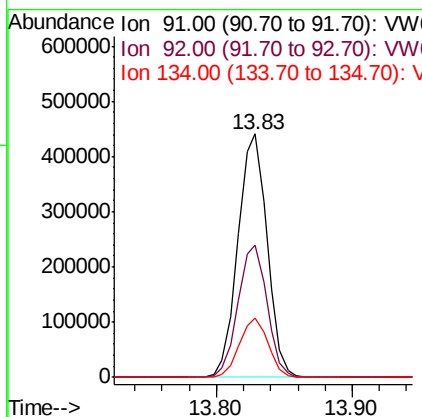
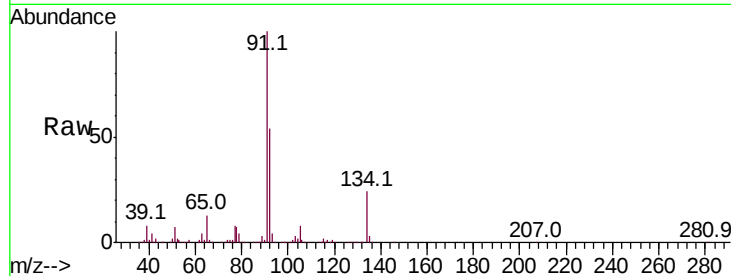
#89
n-Butylbenzene
Concen: 57.790 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.3	81.8
134	24.0	12.3	36.9

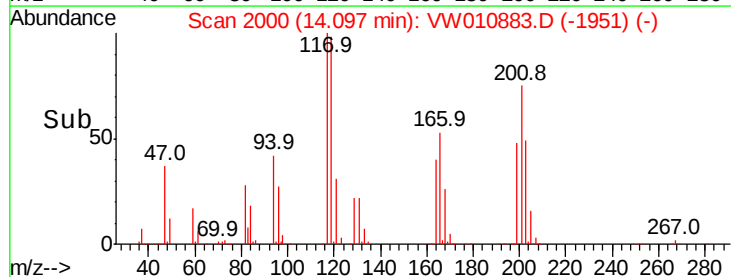
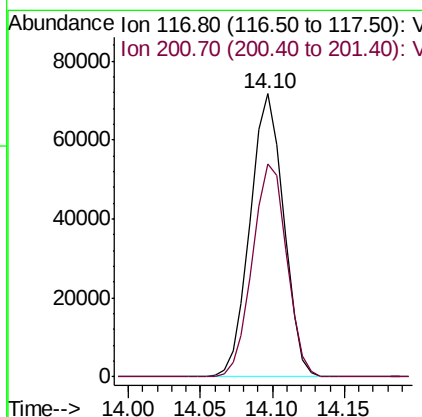
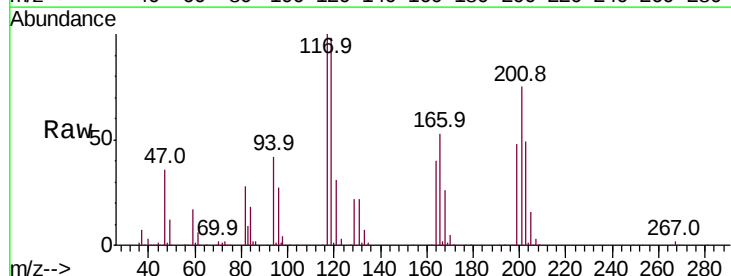
Manual Integrations
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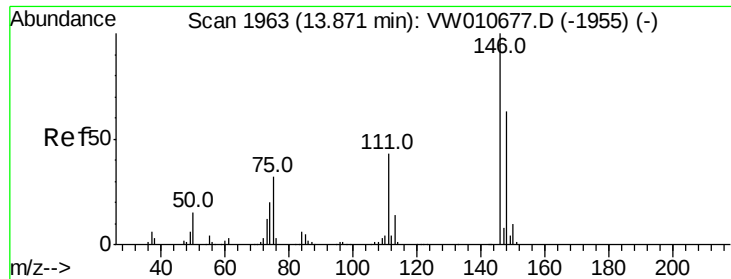
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#90
Hexachloroethane
Concen: 56.479 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.9	38.8	116.4





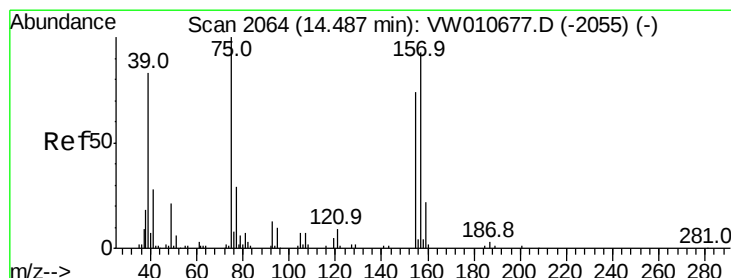
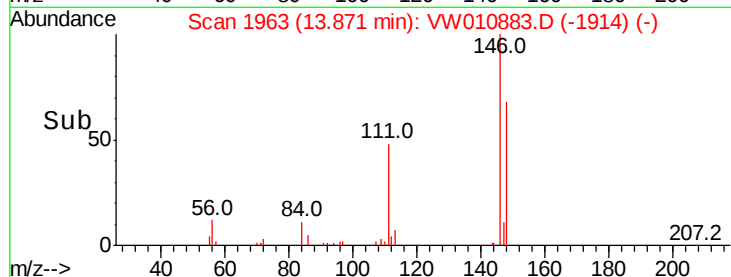
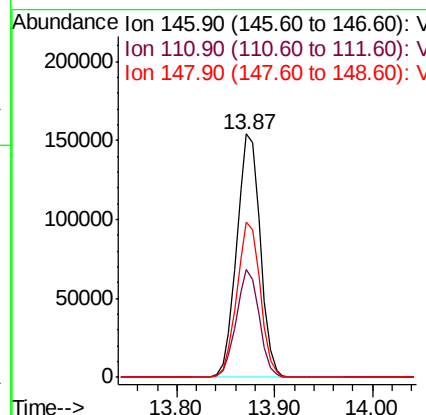
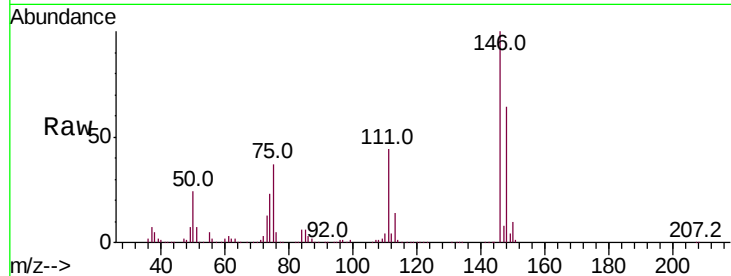
#91
1,2-Dichlorobenzene
Concen: 53.665 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.5	64.5
148	63.5	31.9	95.5

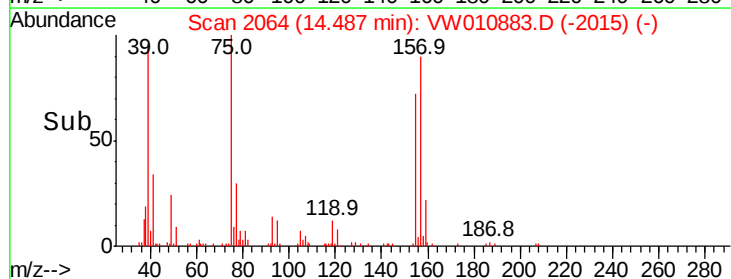
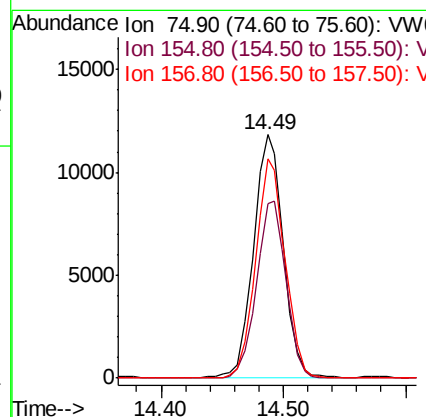
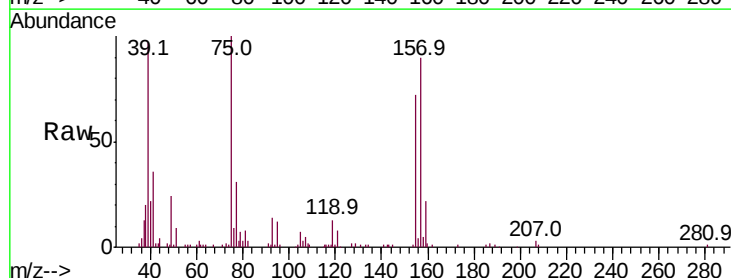
Manual Integrations
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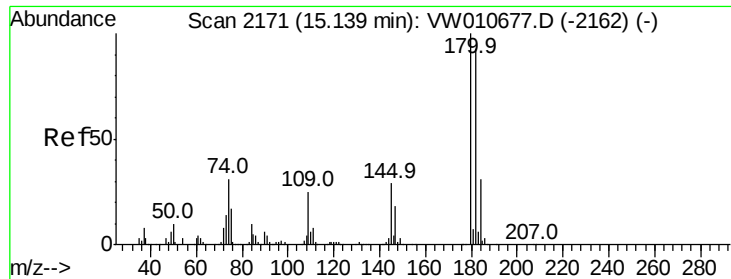
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#92
1,2-Dibromo-3-Chloropropane
Concen: 48.546 ug/l
RT: 14.49 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.9	38.8	116.4
157	88.8	48.4	145.0





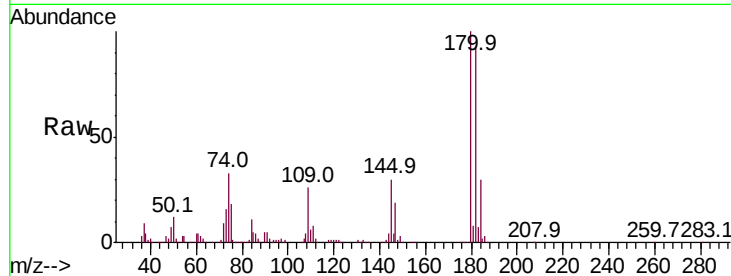
#93
 1,2,4-Trichlorobenzene
 Concen: 53.899 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

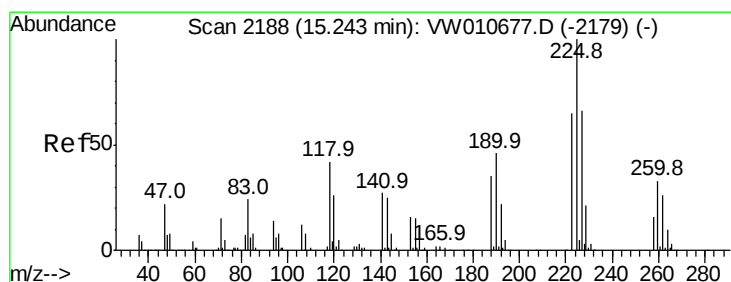
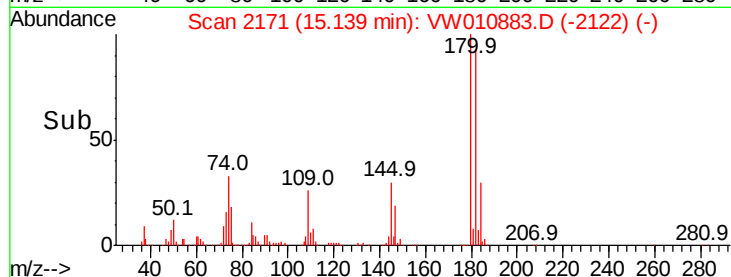
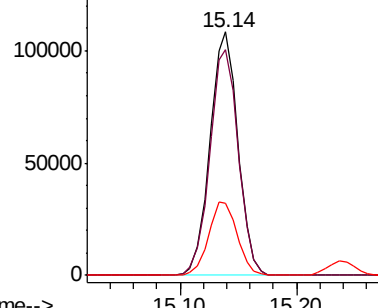
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.6	47.1	141.4	
145	30.9	15.2	45.5	

Manual Integrations
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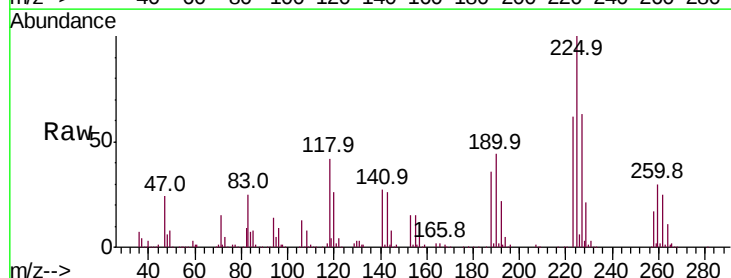


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

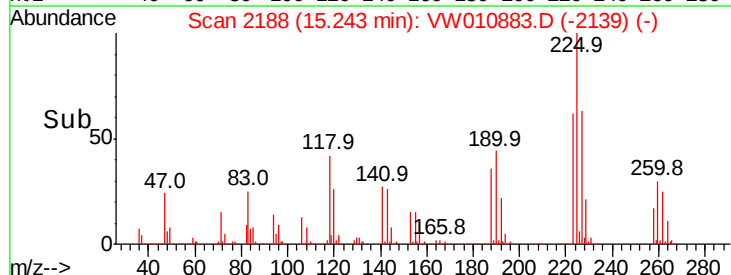
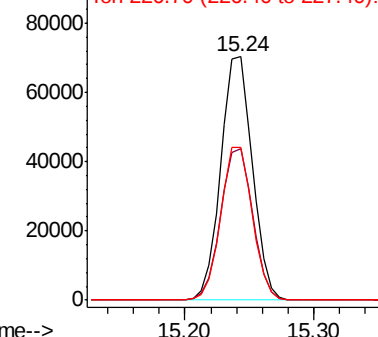


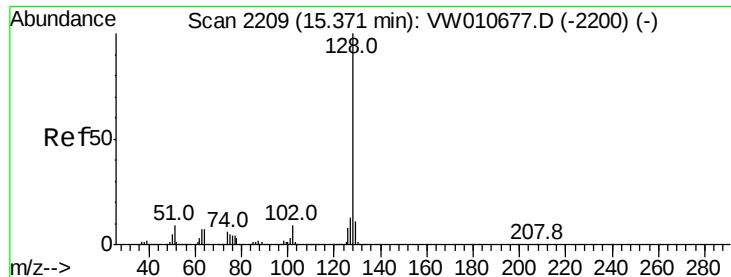
#94
 Hexachlorobutadiene
 Concen: 56.248 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	32.2	96.6	
227	63.1	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





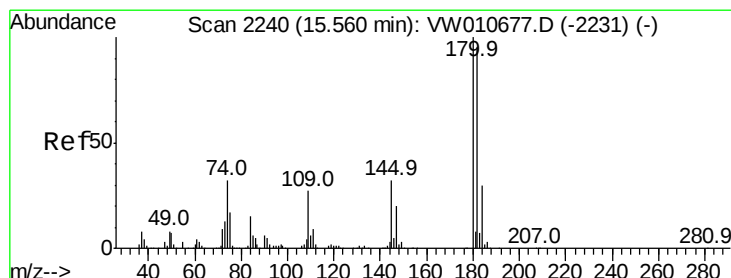
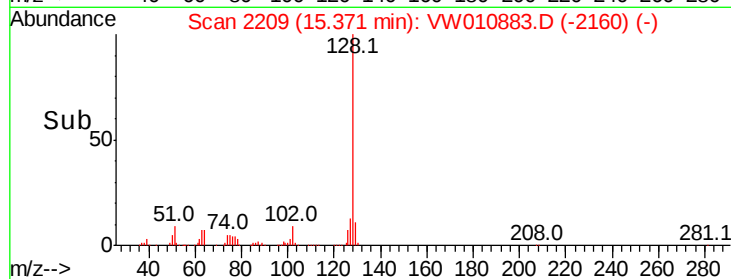
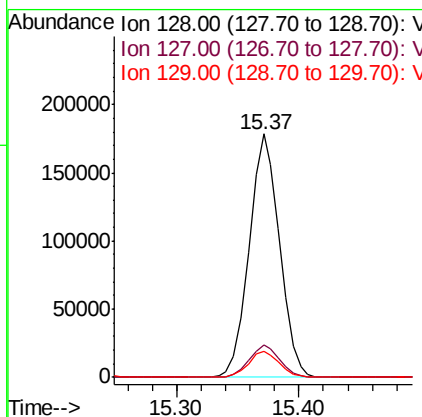
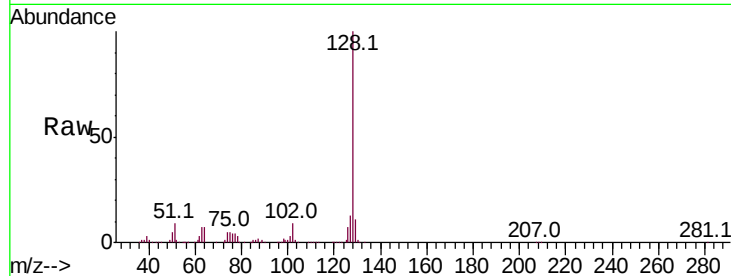
#95
Naphthalene
Concen: 50.447 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	307708		
127	13.4		10.6	15.8
129	11.0		8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.481 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	152695		
182	95.5		47.0	141.0
145	32.1		16.1	48.3

