

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010886.D
 Acq On : 20 Jun 2019 12:26
 Operator : SY/VA
 Sample : VW0620SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 3:20:51 PM

Quant Time: Jun 21 08:01:03 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	245621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	408620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	173646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	163168	56.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.72%	
35) Dibromofluoromethane	7.88	113	124510	56.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.28%	
50) Toluene-d8	10.32	98	517335	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.62	95	191192	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	44625	19.660	ug/l	99
3) Chloromethane	2.21	50	66883	20.028	ug/l	100
4) Vinyl Chloride	2.35	62	59620	19.323	ug/l	98
5) Bromomethane	2.74	94	34567	20.402	ug/l	99
6) Chloroethane	2.90	64	36836	19.890	ug/l	100
7) Trichlorofluoromethane	3.25	101	83625	20.880	ug/l	98
8) Diethyl Ether	3.68	74	29724	20.767	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50988	20.707	ug/l	98
10) Methyl Iodide	4.26	142	36895	17.948	ug/l	97
11) Tert butyl alcohol	5.17	59	34135	144.729	ug/l #	91
12) 1,1-Dichloroethene	4.03	96	47663	20.066	ug/l	97
13) Acrolein	3.90	56	6980	72.423	ug/l	99
14) Allyl chloride	4.67	41	109466	20.901	ug/l	98
15) Acrylonitrile	5.37	53	74278	106.822	ug/l	99
16) Acetone	4.12	43	84784	109.296	ug/l	95
17) Carbon Disulfide	4.37	76	134289	17.809	ug/l	98
18) Methyl Acetate	4.67	43	39899	23.894	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	143807	20.991	ug/l	97
20) Methylene Chloride	4.92	84	57608	21.169	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	54803	20.324	ug/l	95
22) Diisopropyl ether	6.31	45	229805	21.917	ug/l	96
23) Vinyl Acetate	6.25	43	673890	106.494	ug/l	99
24) 1,1-Dichloroethane	6.21	63	112307	21.373	ug/l	99
25) 2-Butanone	7.17	43	121553	113.004	ug/l	99
26) 2,2-Dichloropropane	7.17	77	97126	22.715	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	62497	21.061	ug/l	95
28) Bromochloromethane	7.51	49	52956	22.582	ug/l	95
29) Tetrahydrofuran	7.53	42	72637	107.359	ug/l	97
30) Chloroform	7.68	83	103647	21.565	ug/l	99
31) Cyclohexane	7.95	56	119120	20.393	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	87964	20.951	ug/l	98
36) 1,1-Dichloropropene	8.08	75	86274	20.626	ug/l	100
37) Ethyl Acetate	7.25	43	49662	21.426	ug/l	100
38) Carbon Tetrachloride	8.07	117	72907	20.192	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	106554	20.040	ug/l	99
40) Benzene	8.32	78	238606	20.911	ug/l	98
41) Methacrylonitrile	7.48	41	28338	20.569	ug/l	97
42) 1,2-Dichloroethane	8.40	62	78177	21.587	ug/l	99
43) Isopropyl Acetate	8.43	43	94448	21.092	ug/l	99
44) Trichloroethene	9.09	130	56586	20.104	ug/l	100
45) 1,2-Dichloropropane	9.37	63	64179	21.247	ug/l	100
46) Dibromomethane	9.46	93	28994	20.666	ug/l	98
47) Bromodichloromethane	9.64	83	73870	20.312	ug/l	95
48) Methyl methacrylate	9.43	41	44041	20.399	ug/l	99
49) 1,4-Dioxane	9.45	88	8362	381.223	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	245493	107.314	ug/l	99
52) Toluene	10.39	92	144426	20.571	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	78052	20.263	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	93127	20.546	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	42070	20.815	ug/l	99
56) Ethyl methacrylate	10.65	69	62746	20.176	ug/l	95
57) 1,3-Dichloropropane	10.93	76	81654	21.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	178717	109.715	ug/l	99
59) 2-Hexanone	10.97	43	175478	106.138	ug/l	97
60) Dibromochloromethane	11.13	129	43499	19.415	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39608	20.684	ug/l	99
64) Tetrachloroethene	10.86	164	47879	19.952	ug/l	94
65) Chlorobenzene	11.66	112	147410	20.741	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	50954	20.711	ug/l	99
67) Ethyl Benzene	11.73	91	282962	20.716	ug/l	100
68) m/p-Xylenes	11.84	106	201369	41.183	ug/l	98
69) o-Xylene	12.16	106	94886	20.461	ug/l	97
70) Styrene	12.18	104	165128	20.498	ug/l	99
71) Bromoform	12.35	173	23596	18.544	ug/l #	100
73) Isopropylbenzene	12.46	105	266426	20.418	ug/l	99
74) N-amyl acetate	12.27	43	88883	21.076	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	51347	20.670	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37626m	20.634	ug/l	
77) Bromobenzene	12.75	156	58649	20.591	ug/l	98
78) n-propylbenzene	12.80	91	326349	20.741	ug/l	99
79) 2-Chlorotoluene	12.90	91	186694	20.769	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	220872	20.680	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14395	18.143	ug/l	92
82) 4-Chlorotoluene	12.99	91	193827	20.894	ug/l	99
83) tert-Butylbenzene	13.21	119	187163	20.648	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	220244	20.492	ug/l	100
85) sec-Butylbenzene	13.38	105	272097	20.617	ug/l	99
86) p-Isopropyltoluene	13.50	119	241951	20.501	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	112702	20.518	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	113363	20.817	ug/l	98
89) n-Butylbenzene	13.83	91	244866	20.795	ug/l	99
90) Hexachloroethane	14.10	117	40990	19.394	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	101334	20.514	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8337	19.544	ug/l	97

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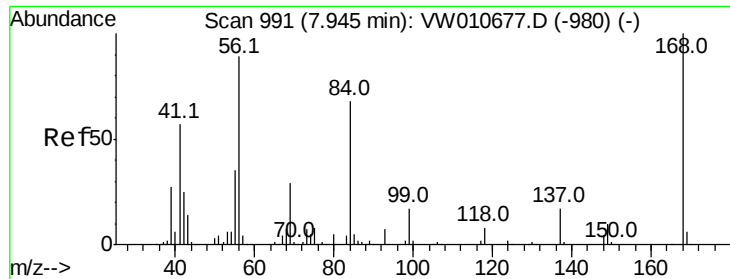
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	71770	20.704	ug/l	99
94) Hexachlorobutadiene	15.24	225	44845	20.613	ug/l	100
95) Naphthalene	15.37	128	123869	19.667	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	61802	20.964	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: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBSD01

Tot Ion:168 Resp: 245621

Ion Ratio Lower Upper

168 100

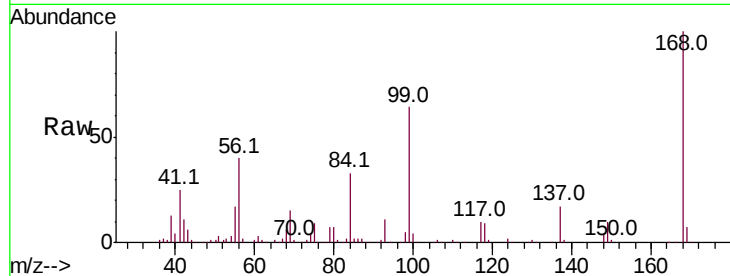
99 63.6 47.7 71.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

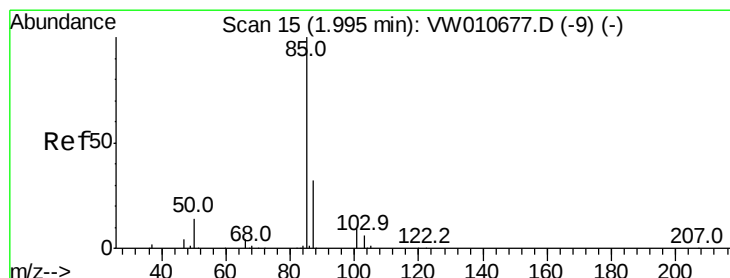
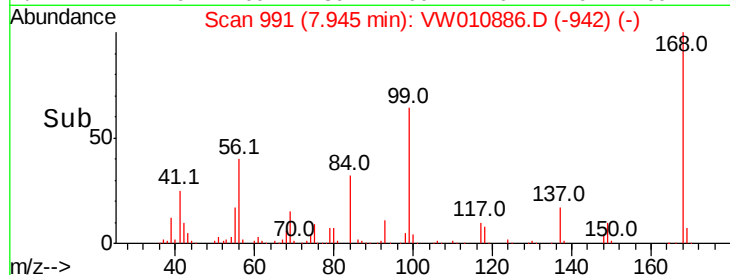
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.660 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010886.D

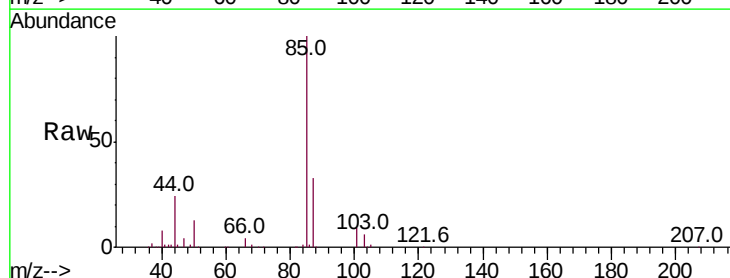
Acq: 20 Jun 2019 12:26

Tgt Ion: 85 Resp: 44625

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

15000

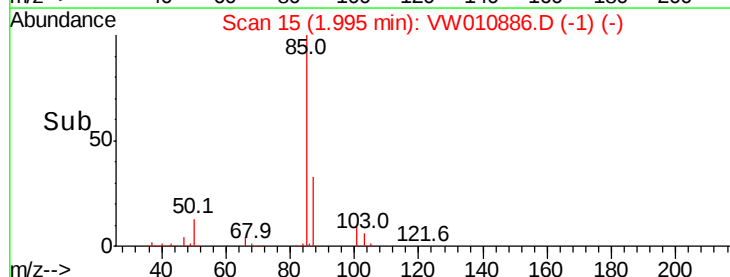
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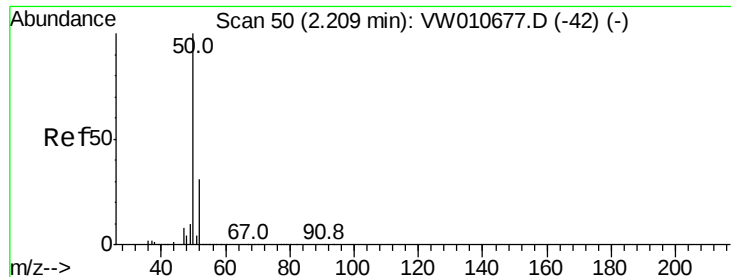
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 20.028 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBSD01

Tot Ion: 50 Resp: 66883

Ion Ratio Lower Upper

50 100

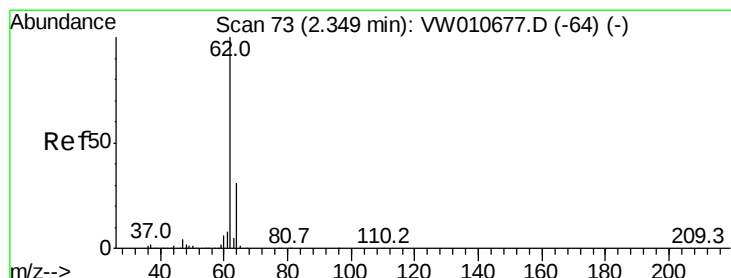
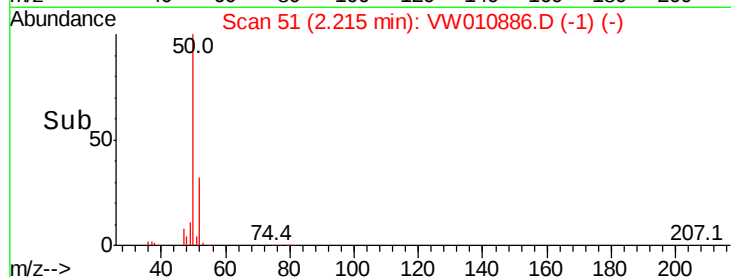
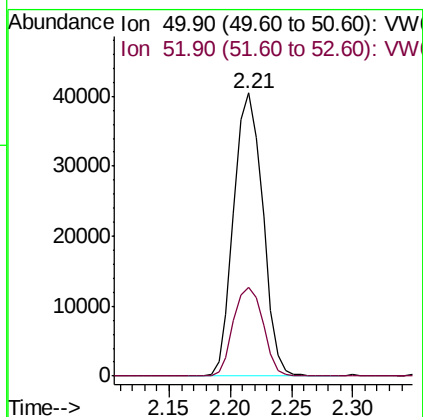
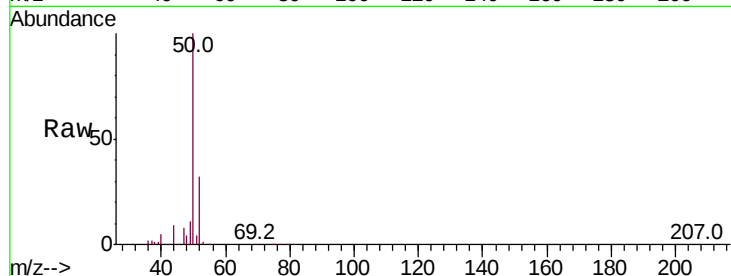
52 31.6 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.323 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010886.D

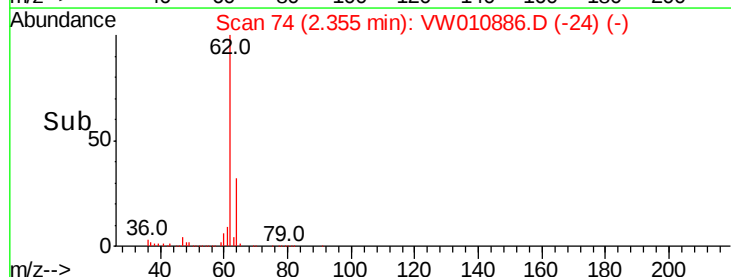
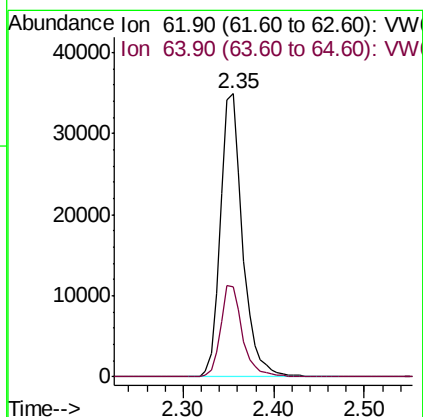
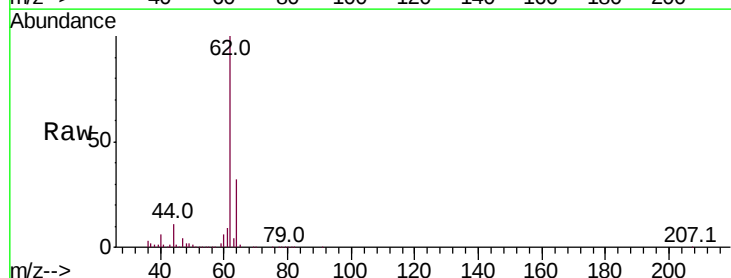
Acq: 20 Jun 2019 12:26

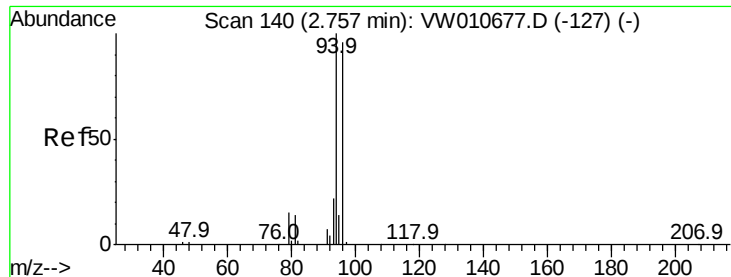
Tgt Ion: 62 Resp: 59620

Ion Ratio Lower Upper

62 100

64 31.9 24.5 36.7





#5

Bromomethane

Concen: 20.402 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBSD01

Tot Ion: 94 Resp: 34567

Ion Ratio Lower Upper

94 100

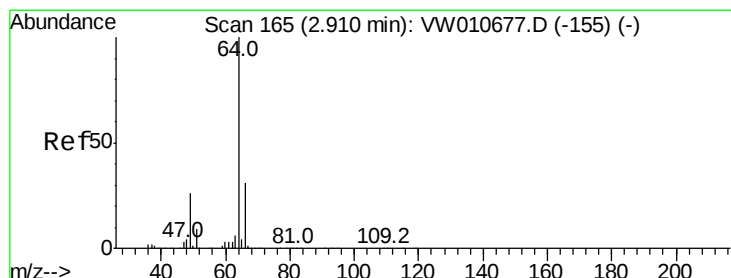
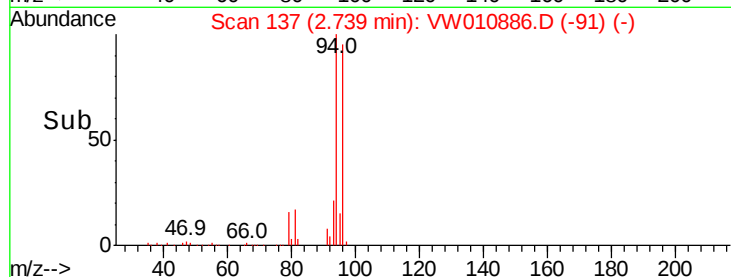
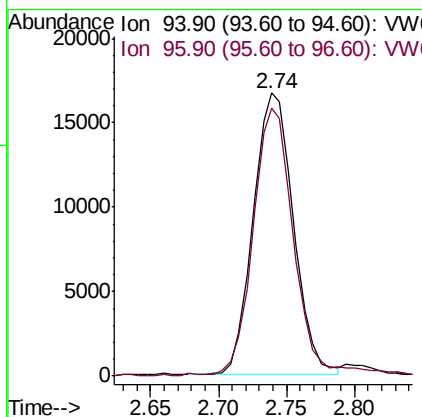
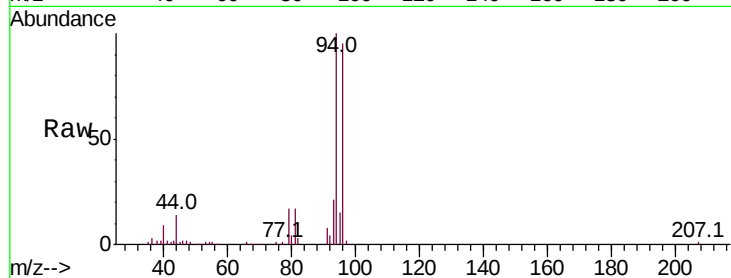
96 94.2 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 19.890 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010886.D

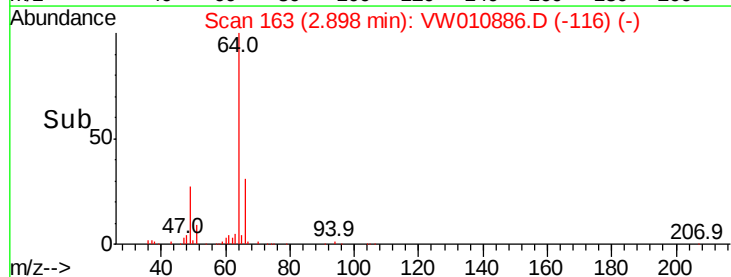
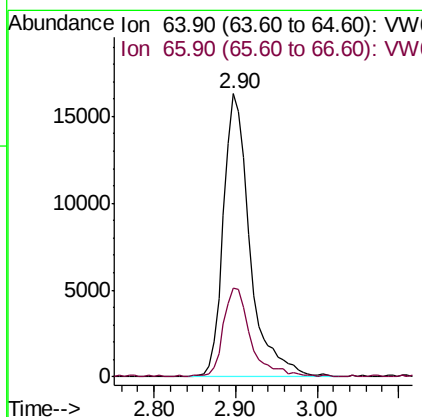
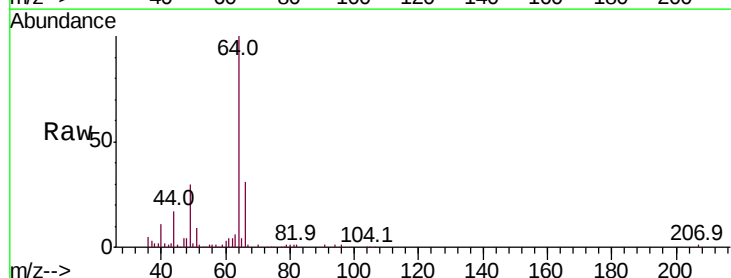
Acq: 20 Jun 2019 12:26

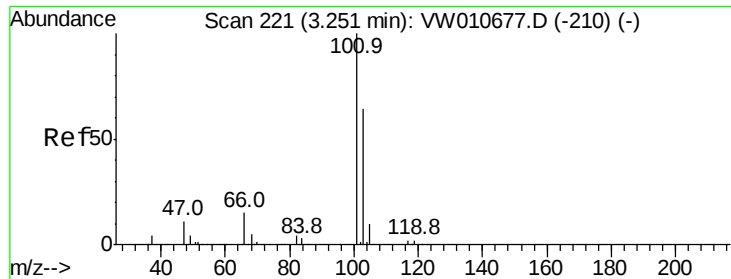
Tgt Ion: 64 Resp: 36836

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7





#7

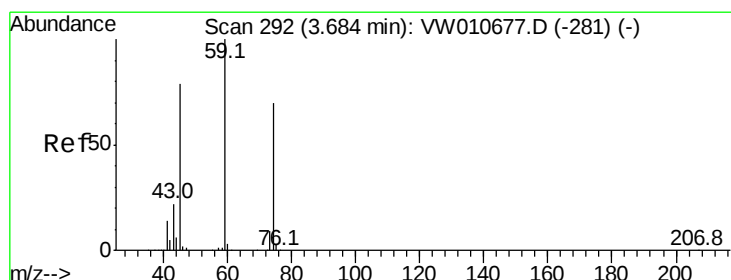
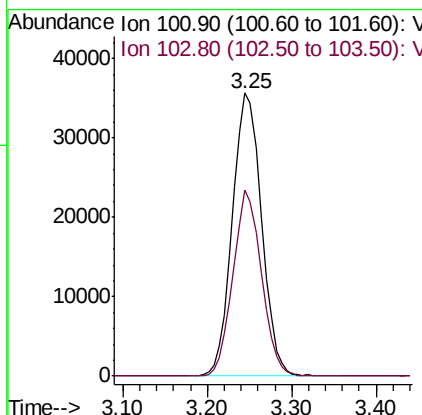
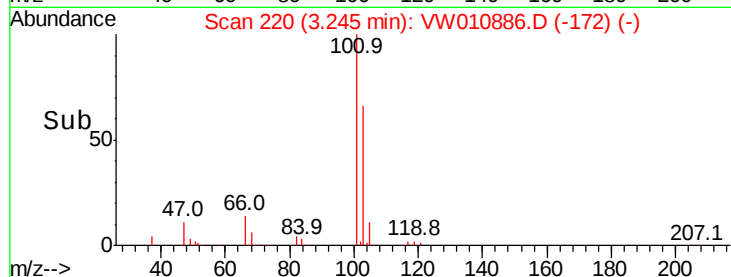
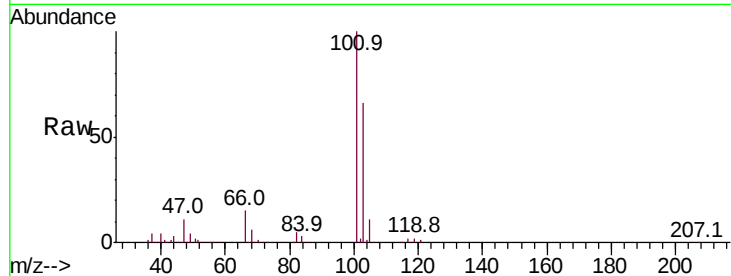
Trichlorofluoromethane
Concen: 20.880 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

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VW0620SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	83625		
103	65.8		51.2	76.8

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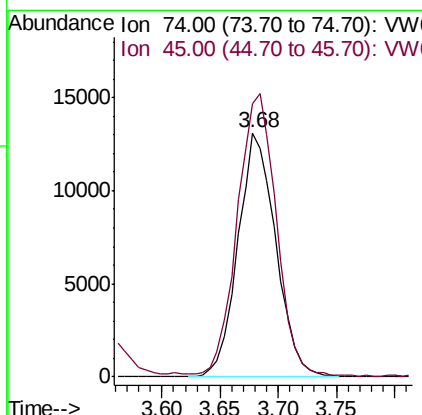
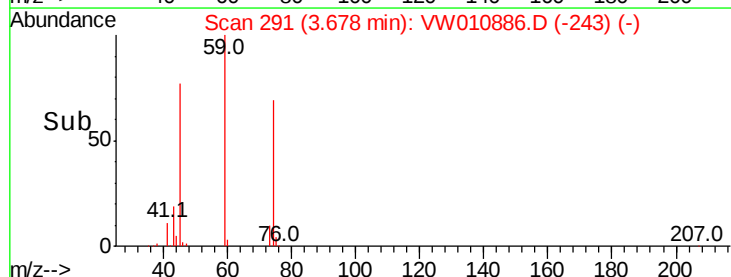
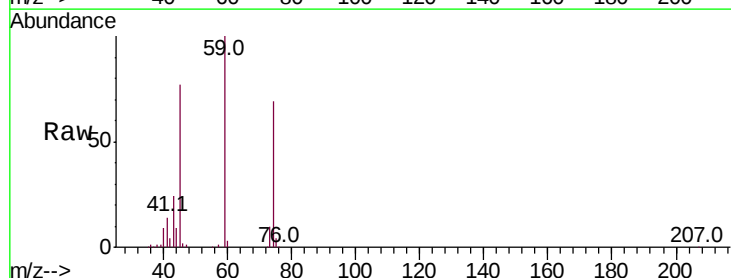
MMDadoda
6/21/2019 3:20:51 PM

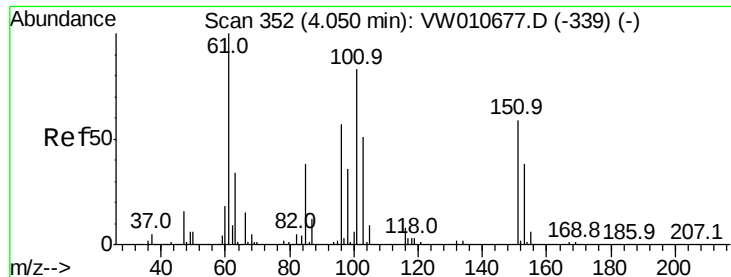


#8

Diethyl Ether
Concen: 20.767 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	29724		
45	119.6		56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.707 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

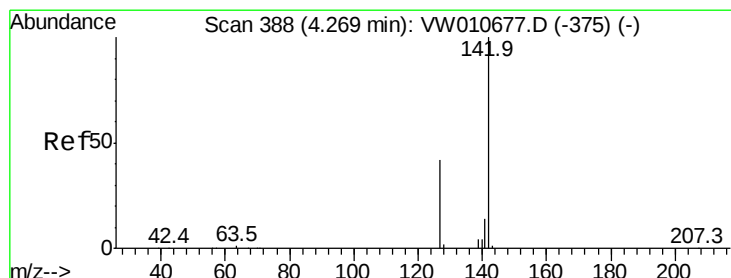
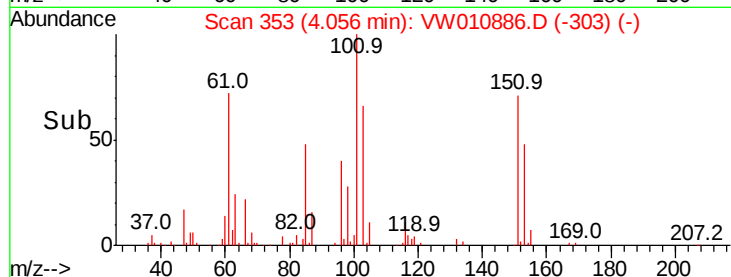
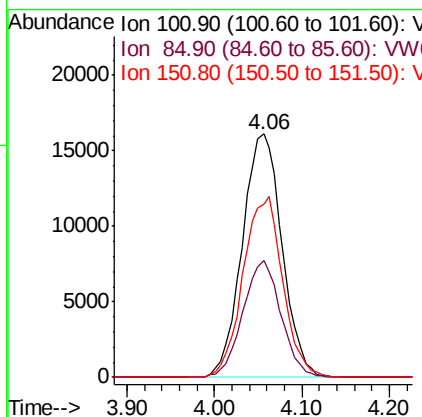
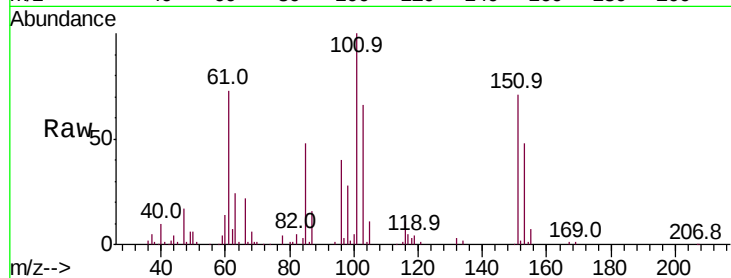
ClientSampleId :

VW0620SBS01

Tot Ion:	101	Resp:	50988
Ion Ratio	Lower	Upper	
101	100		
85	46.0	35.8	53.8
151	73.8	58.1	87.1

Manual Integrations
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#10

Methyl Iodide

Concen: 17.948 ug/l

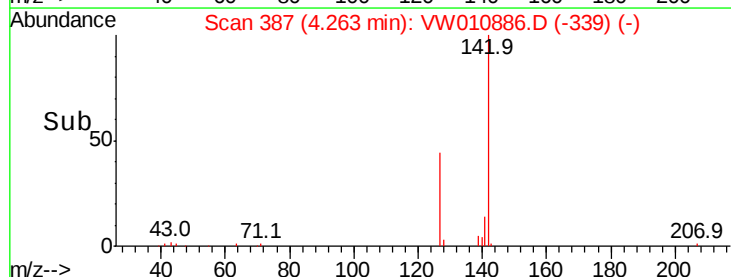
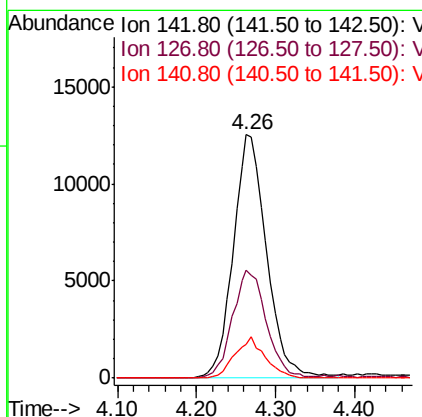
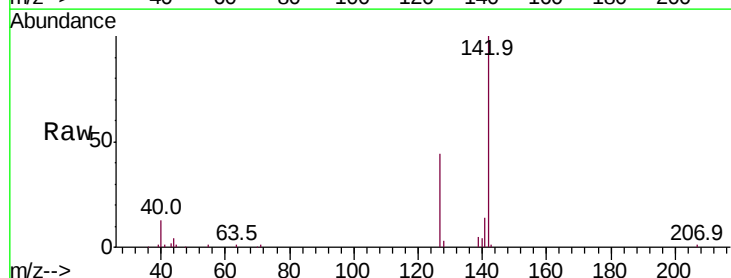
RT: 4.26 min Scan# 387

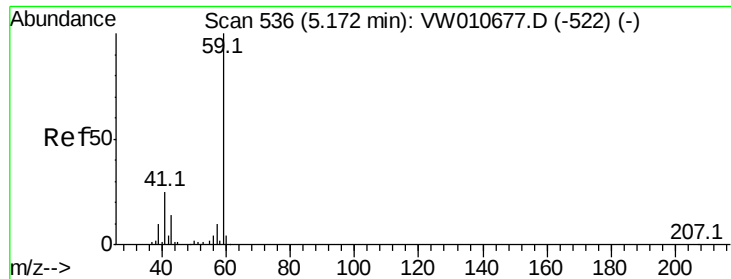
Delta R.T. -0.01 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Tgt Ion:	142	Resp:	36895
Ion Ratio	Lower	Upper	
142	100		
127	45.0	34.6	51.8
141	15.3	11.6	17.4





#11

Tert butyl alcohol

Concen: 144.729 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

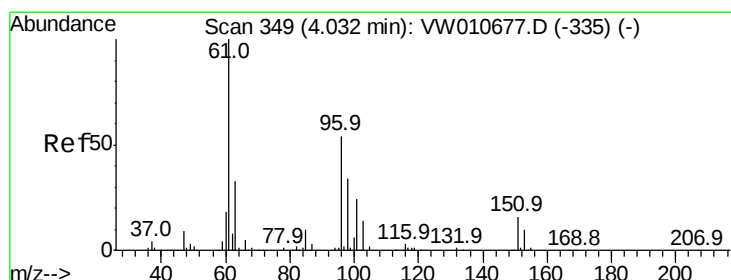
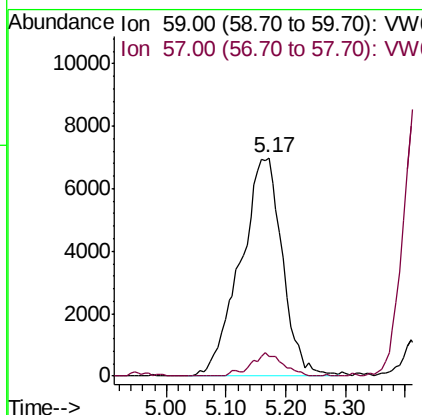
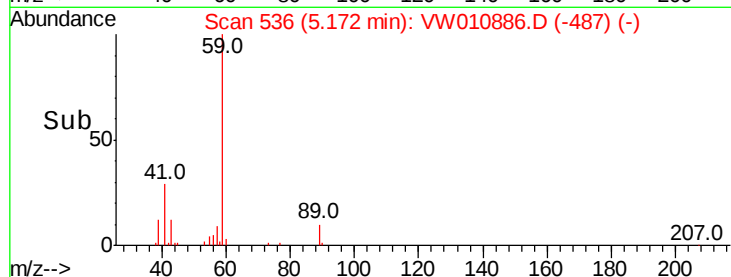
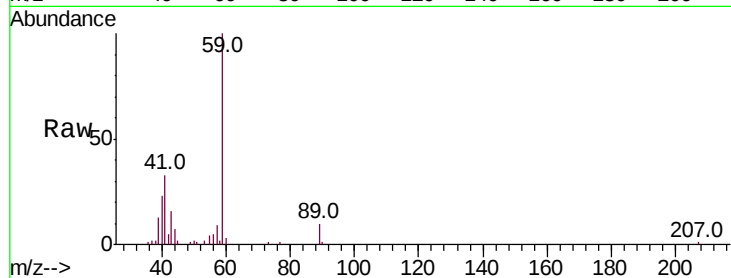
Instrument :
MSVOA_W

ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.4	8.6	12.8#

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#12

1,1-Dichloroethene

Concen: 20.066 ug/l

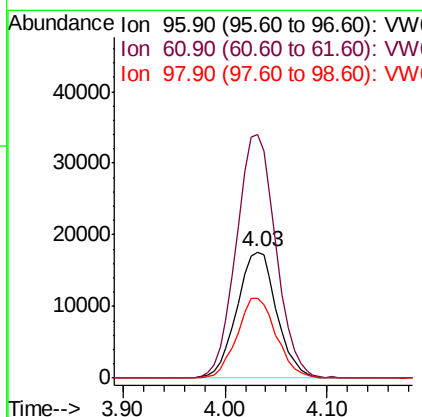
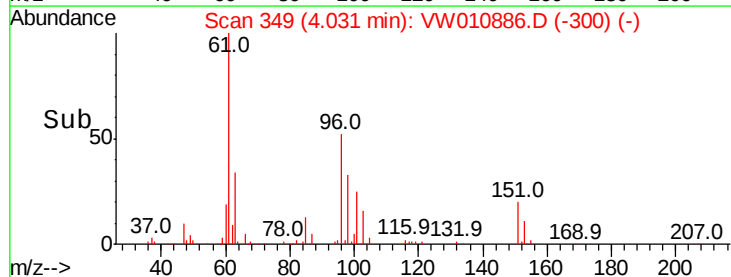
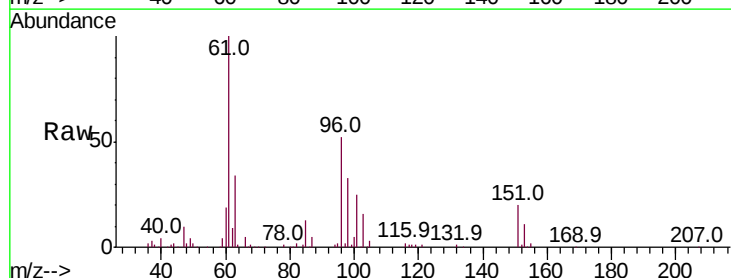
RT: 4.03 min Scan# 349

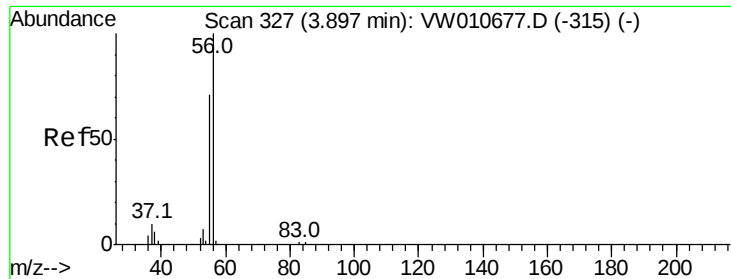
Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	192.5	149.1	223.7
98	63.0	51.1	76.7





#13

Acrolein

Concen: 72.423 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBSD01

Tot Ion: 56 Resp: 6980

Ion Ratio Lower Upper

56 100

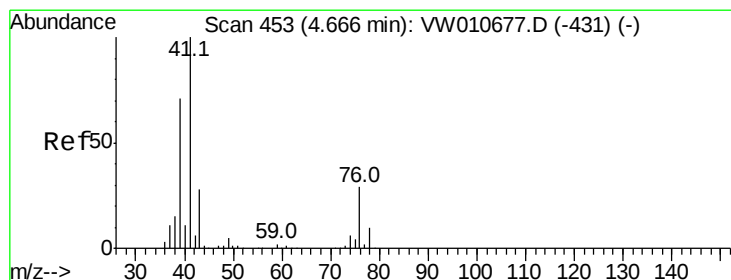
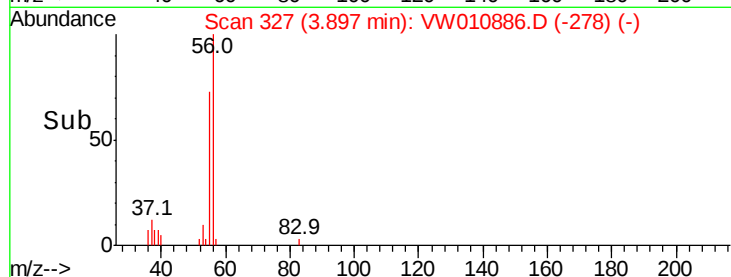
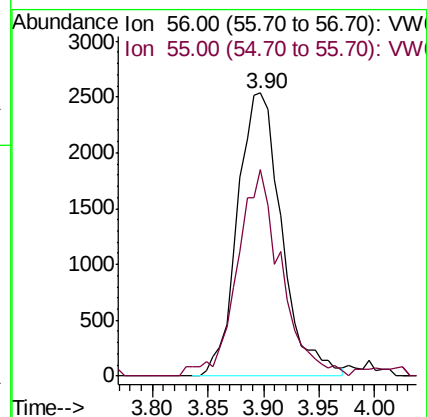
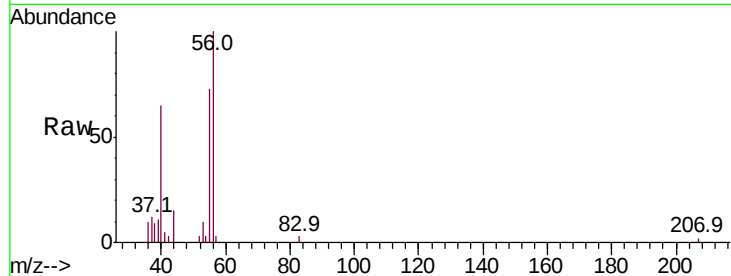
55 72.4 57.6 86.4

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#14

Allyl chloride

Concen: 20.901 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

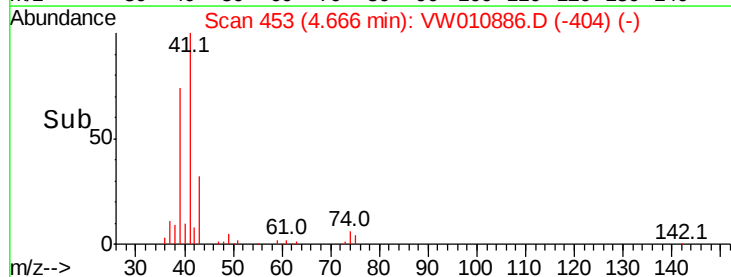
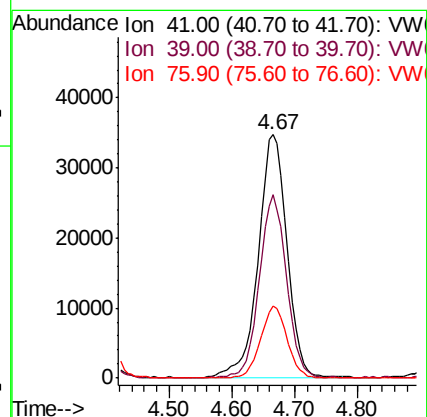
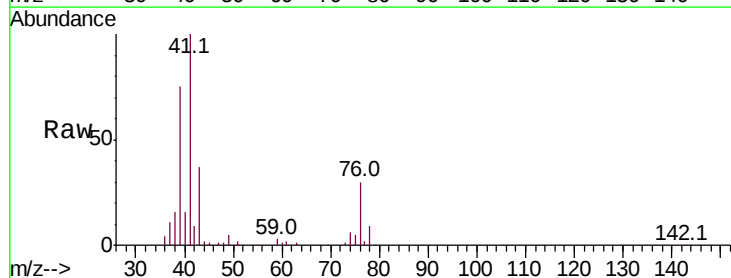
Tgt Ion: 41 Resp: 109466

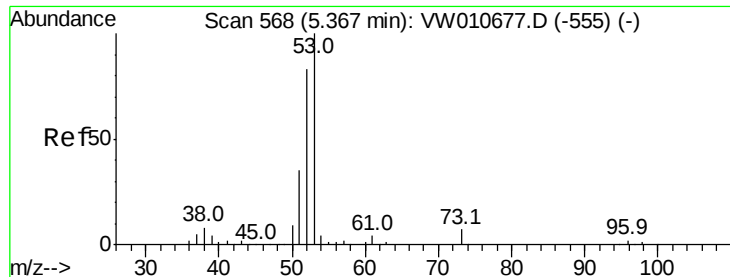
Ion Ratio Lower Upper

41 100

39 71.2 55.8 83.6

76 27.6 22.7 34.1





#15

Acrylonitrile

Concen: 106.822 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBS01

Tot Ion: 53 Resp: 74278

Ion Ratio Lower Upper

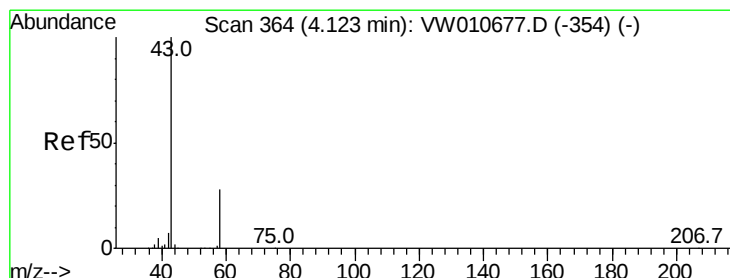
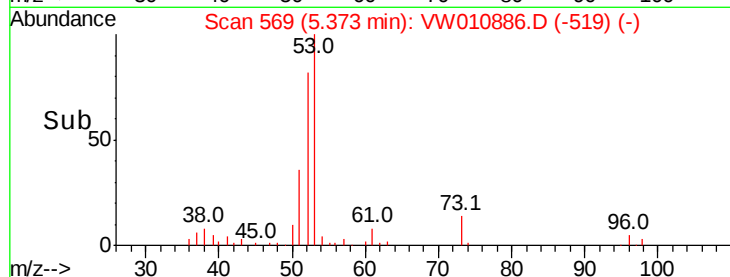
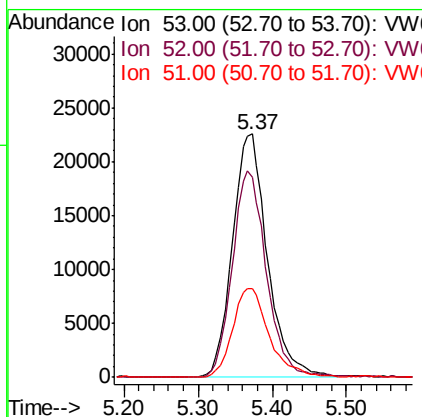
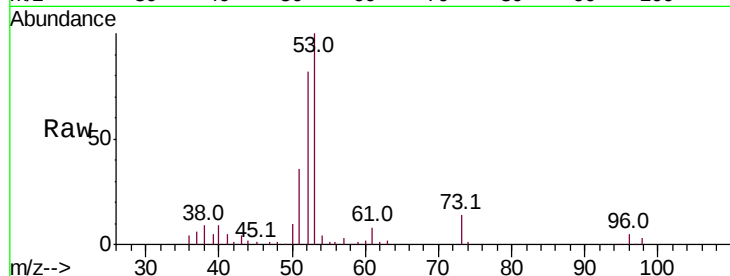
53 100

52 82.7 66.6 100.0

51 38.3 29.8 44.8

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#16

Acetone

Concen: 109.296 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010886.D

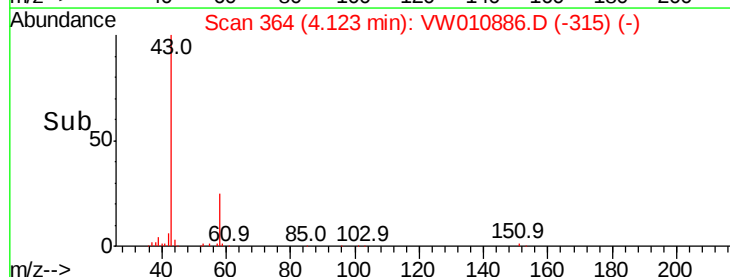
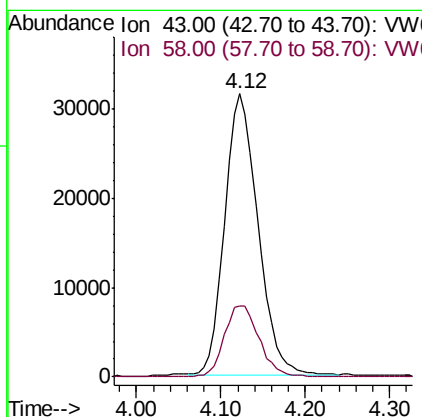
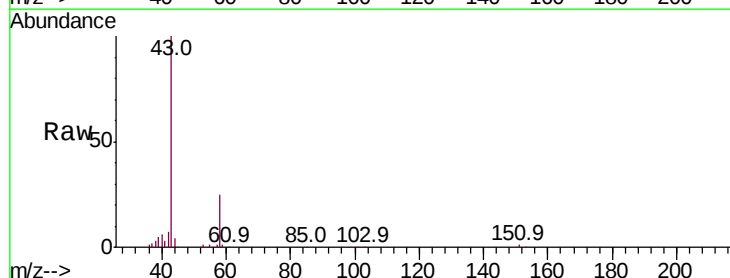
Acq: 20 Jun 2019 12:26

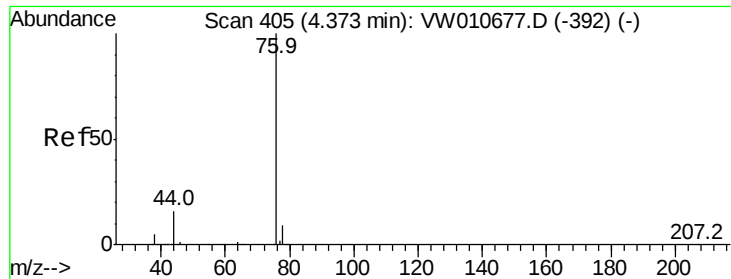
Tgt Ion: 43 Resp: 84784

Ion Ratio Lower Upper

43 100

58 25.1 22.1 33.1





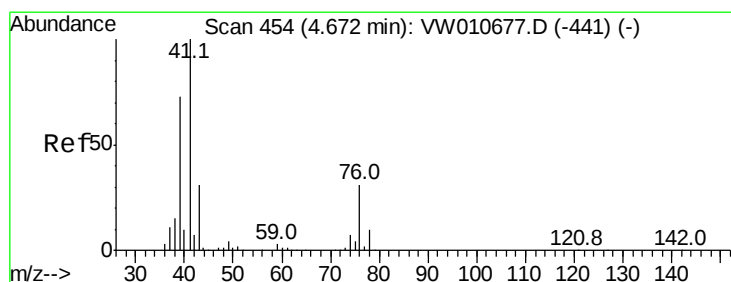
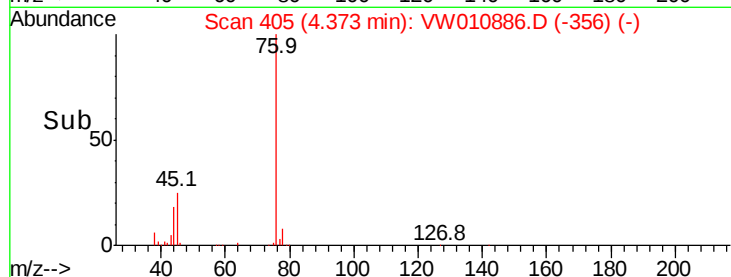
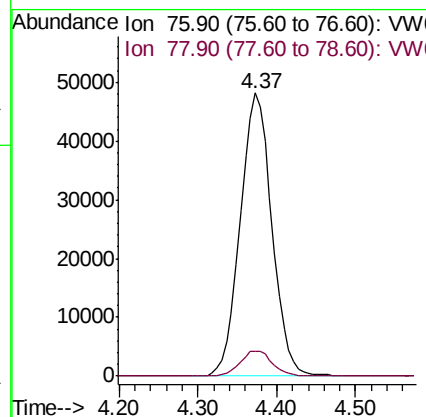
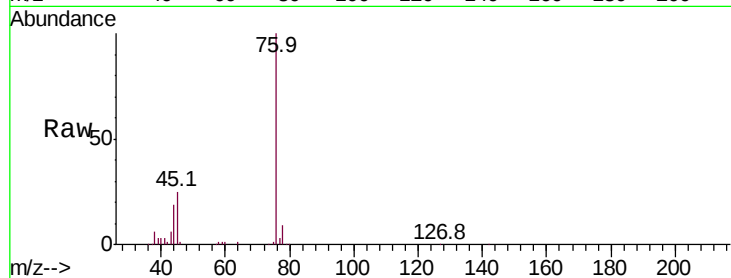
#17
Carbon Disulfide
Concen: 17.809 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.5	11.3

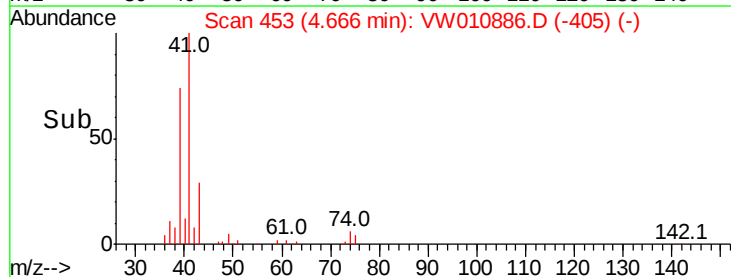
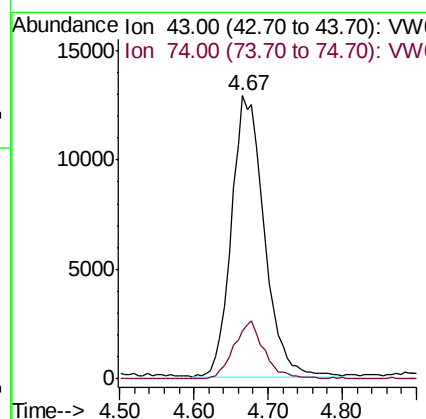
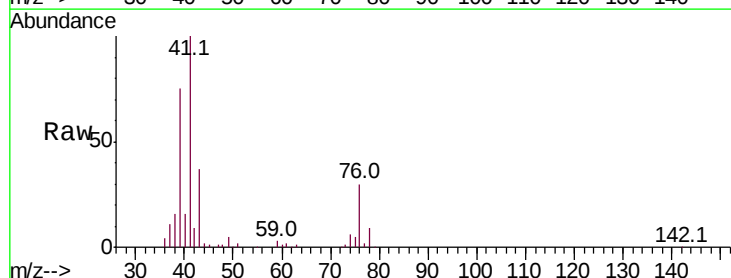
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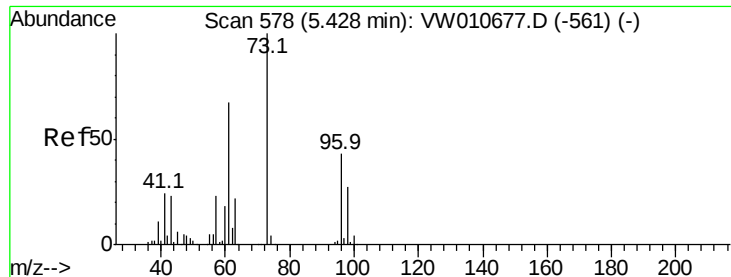
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#18
Methyl Acetate
Concen: 23.894 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.0	16.7	25.1





#19

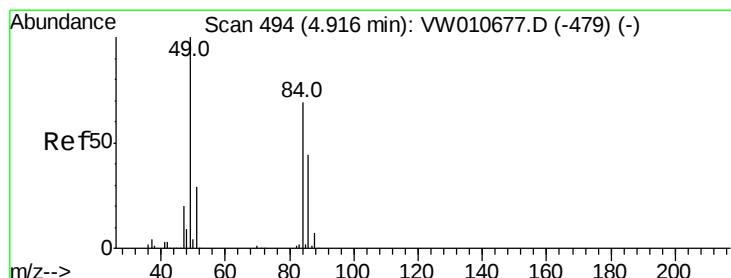
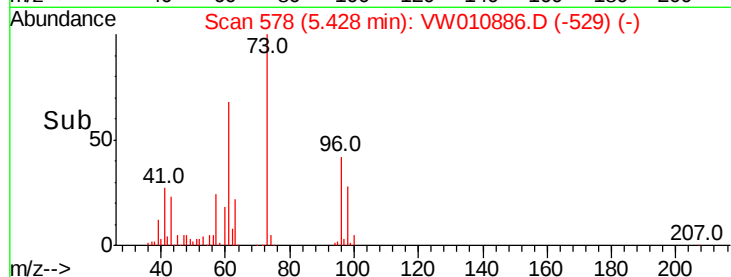
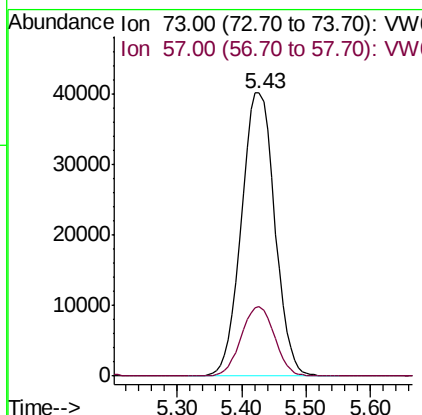
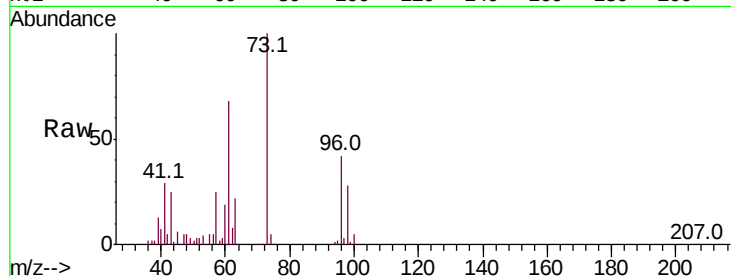
Methyl tert-butyl Ether
 Concen: 20.991 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBSD01

Tot Ion: 73 Resp: 143807
 Ion Ratio Lower Upper
 73 100
 57 24.7 18.6 27.8

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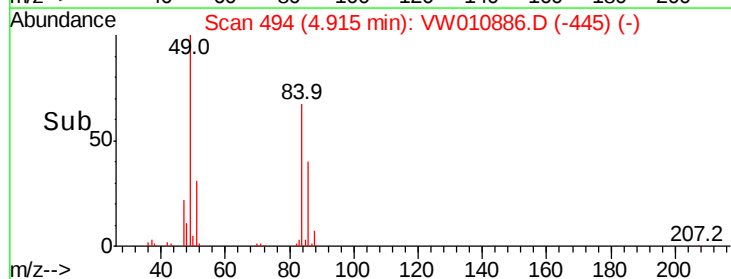
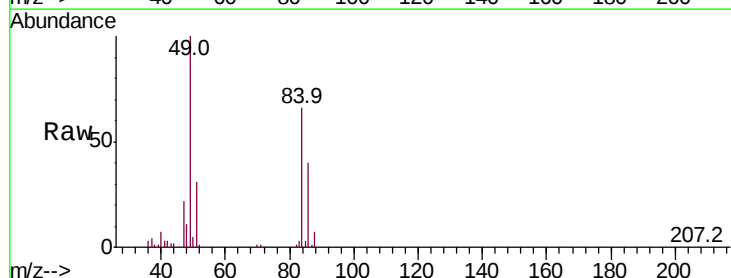
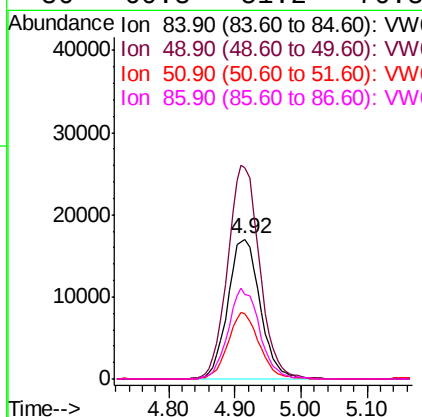
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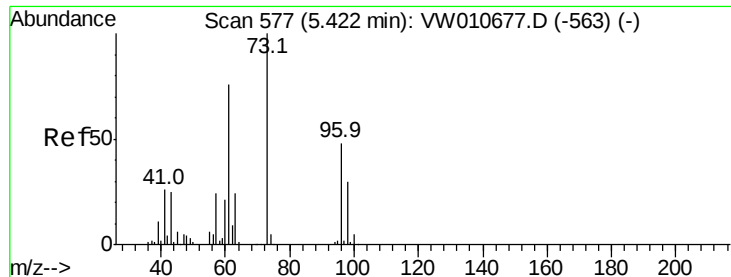


#20

Methylene Chloride
 Concen: 21.169 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion: 84 Resp: 57608
 Ion Ratio Lower Upper
 84 100
 49 150.2 116.7 175.1
 51 47.0 34.2 51.2
 86 60.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.324 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBSD01

Tot Ion: 96 Resp: 54803

Ion Ratio Lower Upper

96 100

61 162.8 126.0 189.0

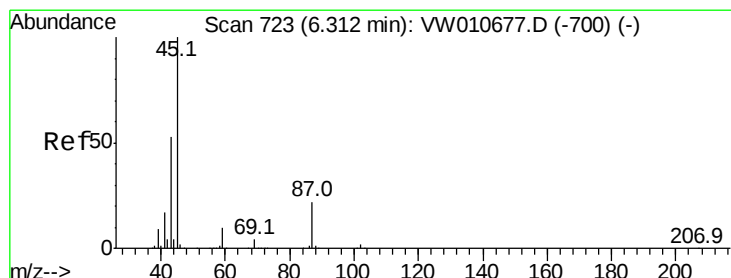
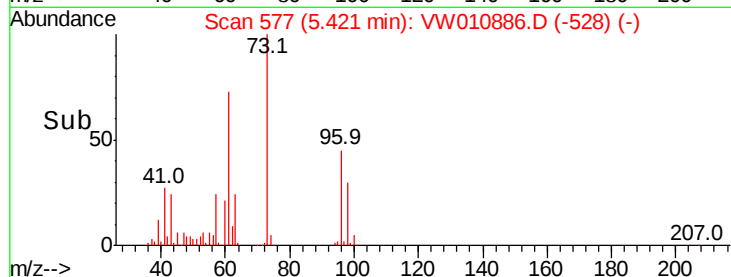
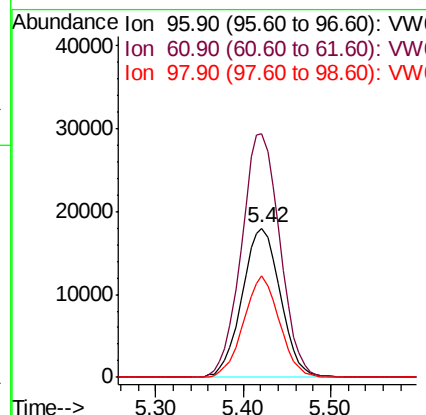
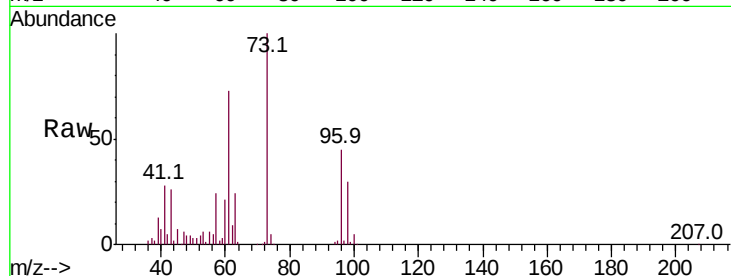
98 67.5 49.6 74.4

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#22

Diisopropyl ether

Concen: 21.917 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Tgt Ion: 45 Resp: 229805

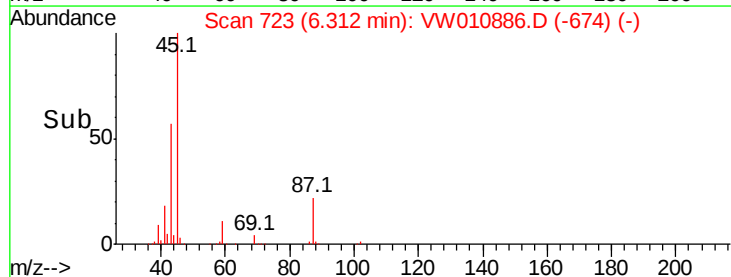
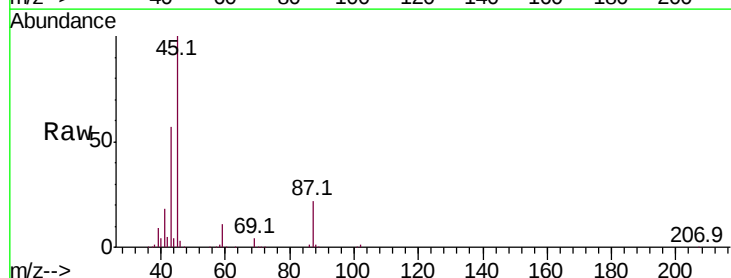
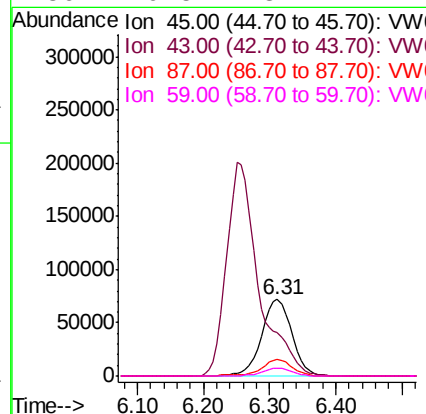
Ion Ratio Lower Upper

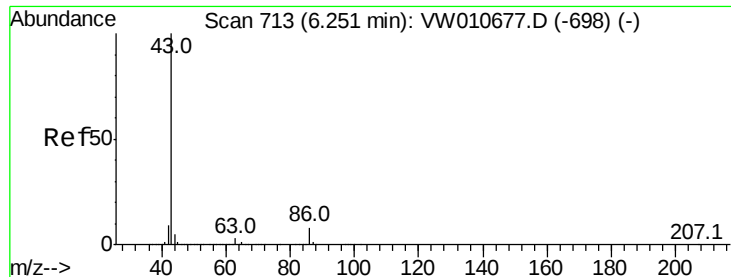
45 100

43 57.3 42.5 63.7

87 22.3 17.4 26.2

59 10.5 8.1 12.1





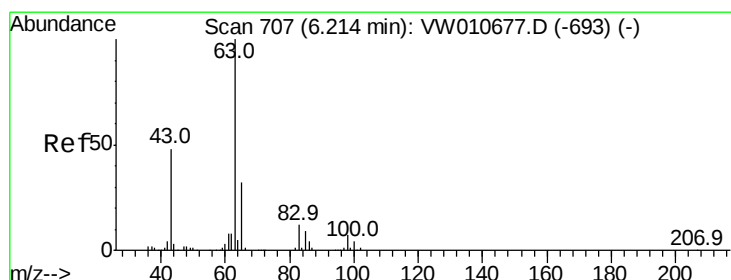
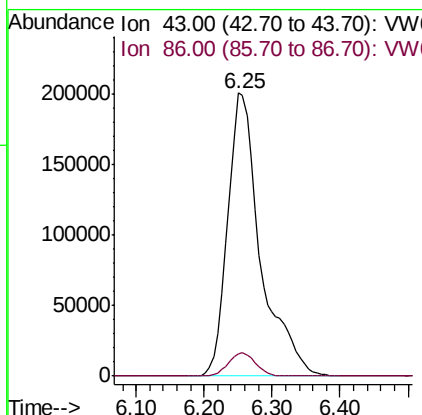
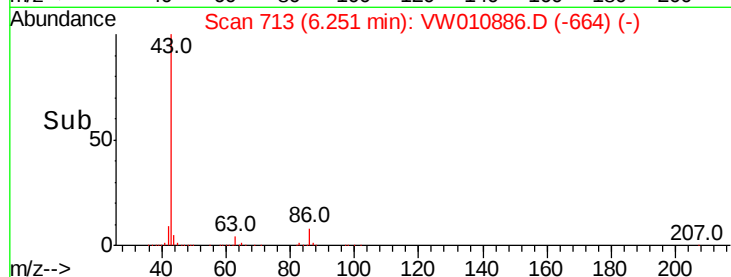
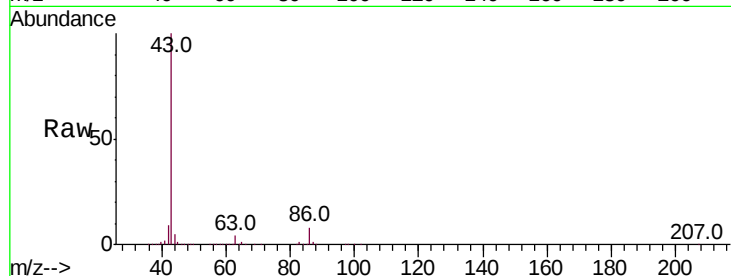
#23
 Vinyl Acetate
 Concen: 106.494 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	673890		
86	7.9		6.6	10.0

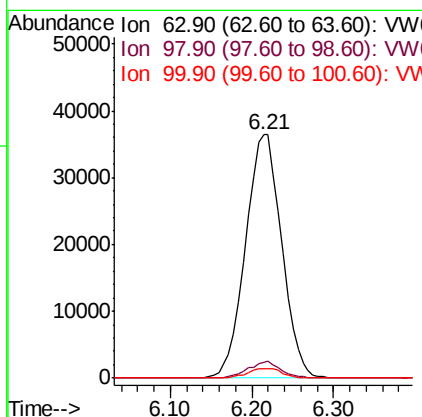
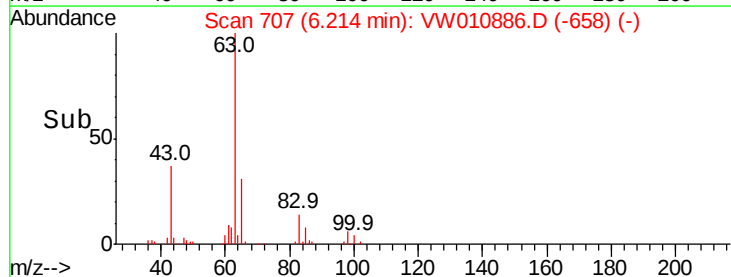
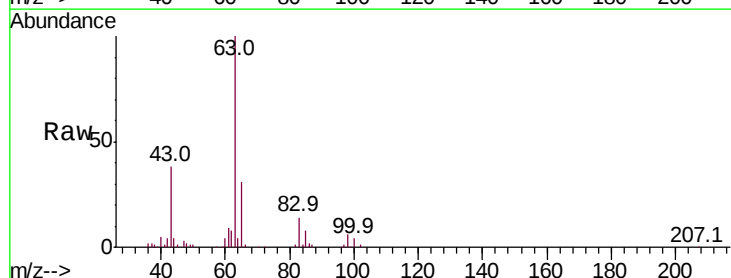
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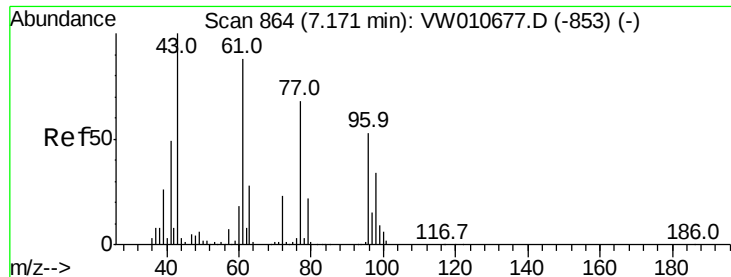
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#24
 1,1-Dichloroethane
 Concen: 21.373 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	112307		
98	6.3		3.4	10.2
100	4.1		2.1	6.3





#25

2-Butanone

Concen: 113.004 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBSD01

Tot Ion: 43 Resp: 121553

Ion Ratio Lower Upper

43 100

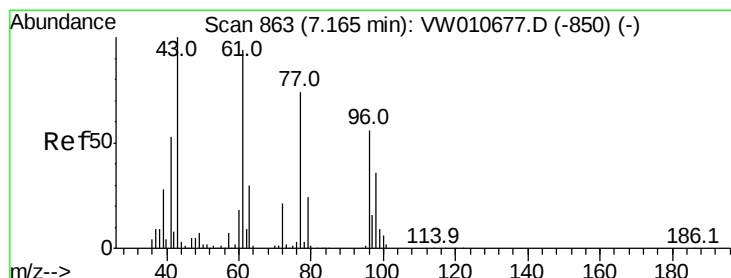
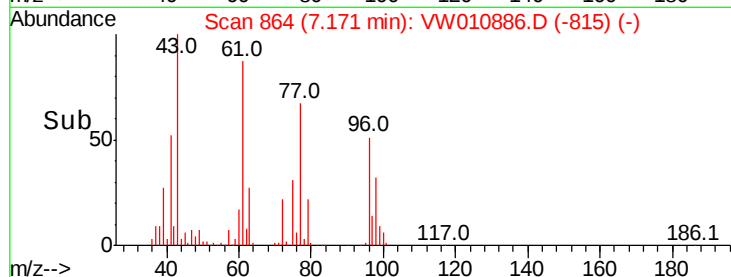
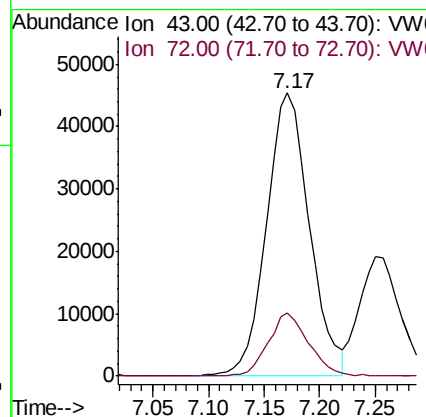
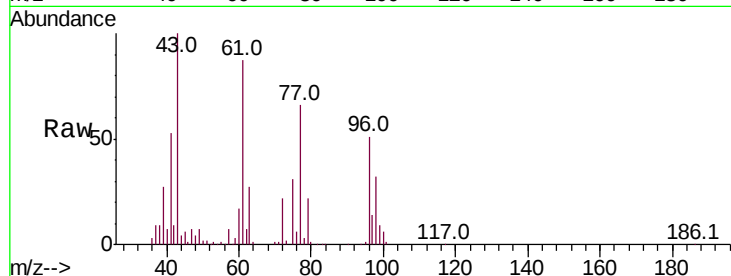
72 22.4 18.1 27.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.715 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010886.D

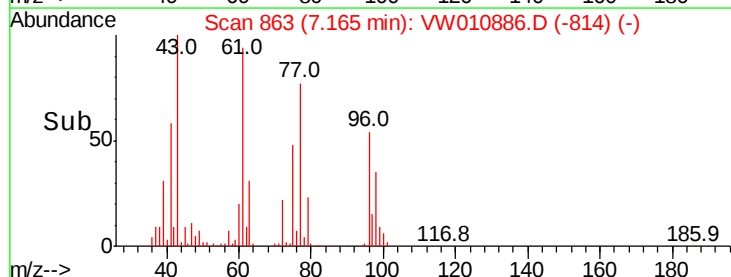
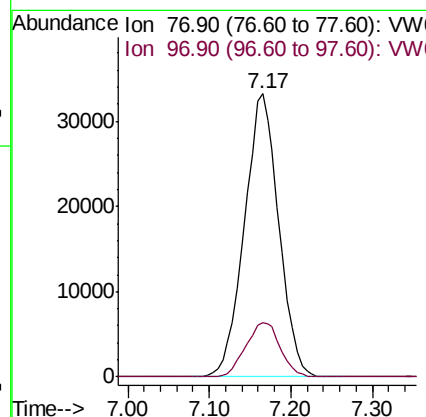
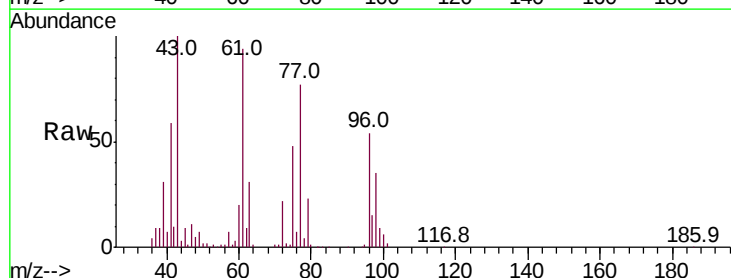
Acq: 20 Jun 2019 12:26

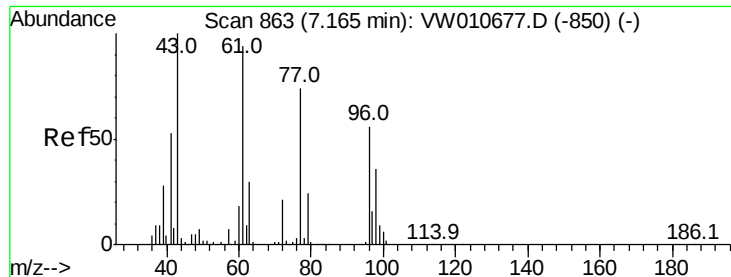
Tgt Ion: 77 Resp: 97126

Ion Ratio Lower Upper

77 100

97 19.3 10.5 31.6





#27

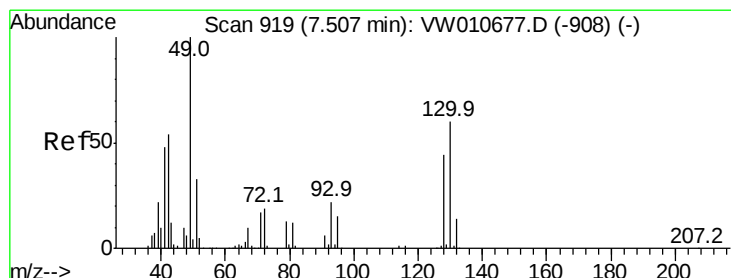
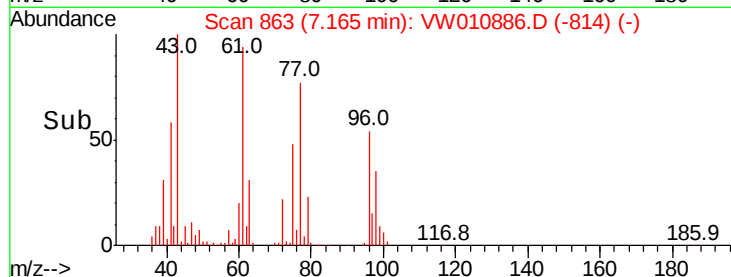
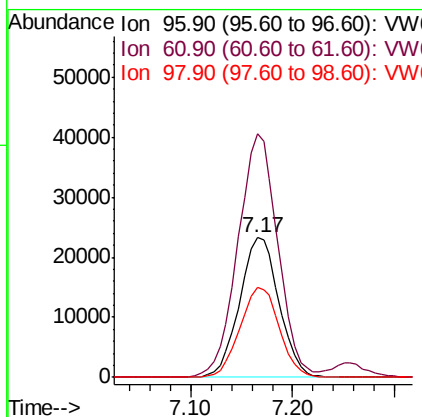
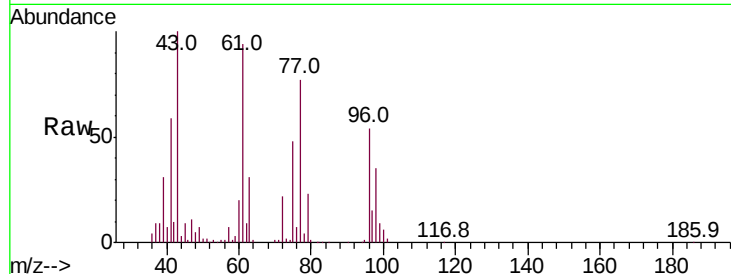
cis-1,2-Dichloroethene
 Concen: 21.061 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0620SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	176.6	0.0	336.4
98	64.3	0.0	128.0

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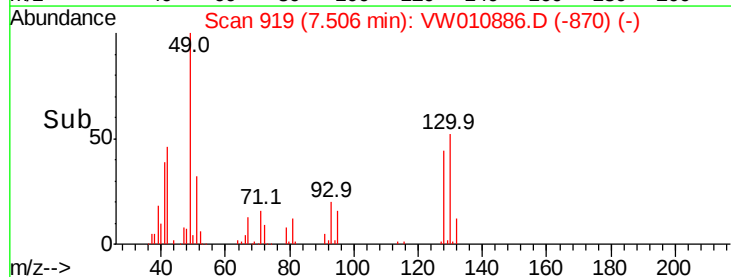
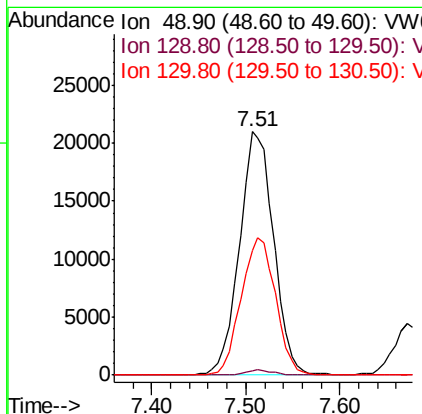
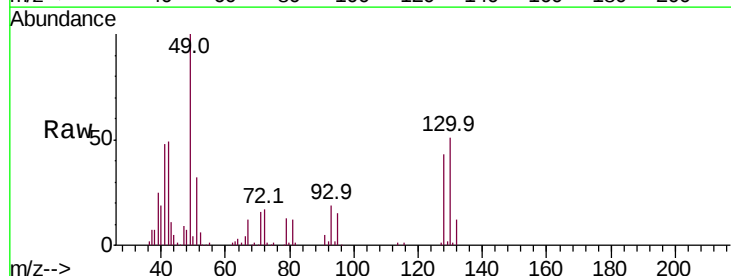
MMDadoda
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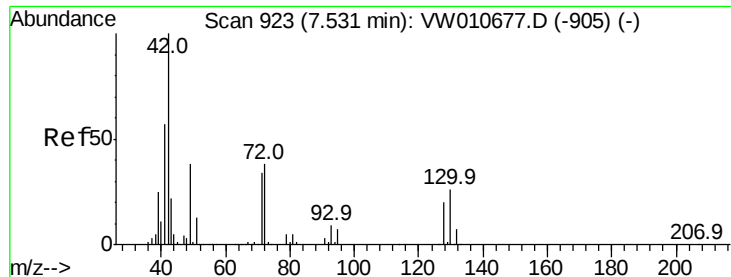


#28

Bromochloromethane
 Concen: 22.582 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	56.9	48.3	72.5





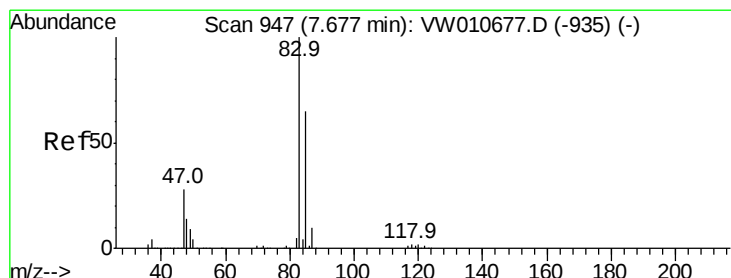
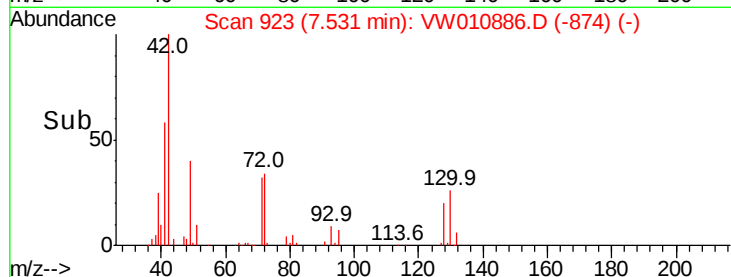
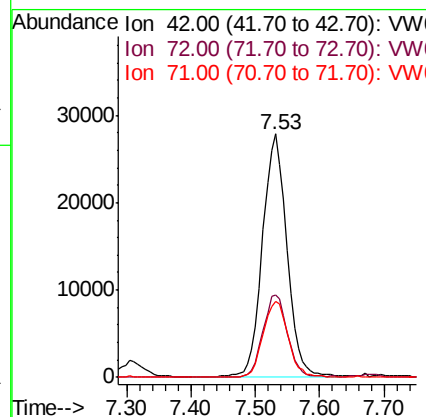
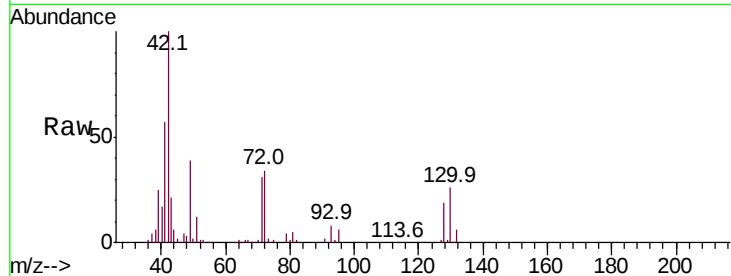
#29
Tetrahydrofuran
Concen: 107.359 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampled :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.1	28.7	43.1
71	32.1	26.6	39.8

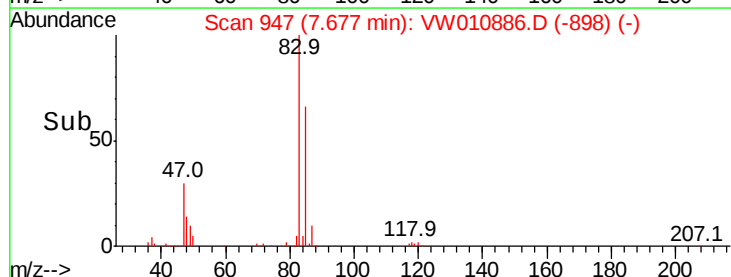
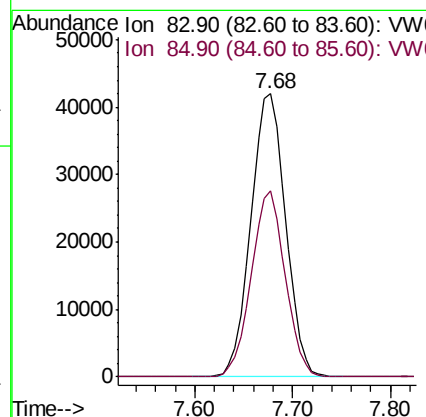
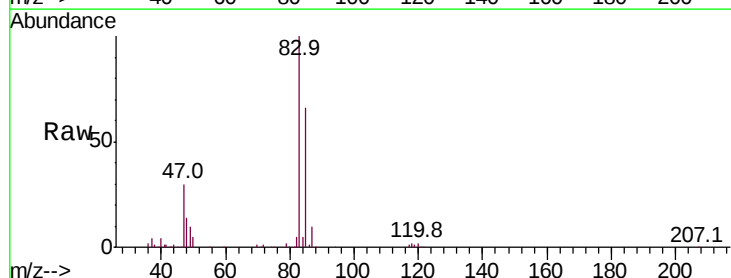
Manual Integrations
APPROVED

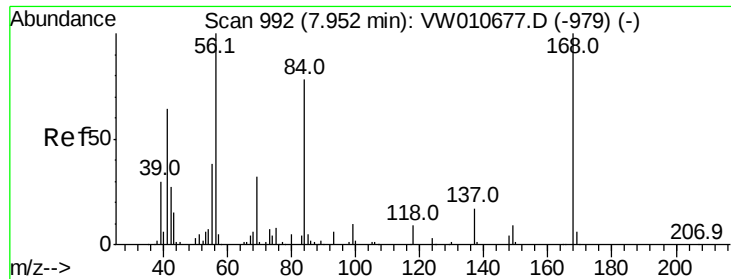
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#30
Chloroform
Concen: 21.565 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.8	77.8





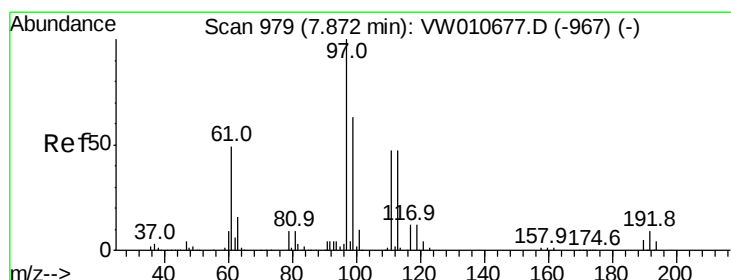
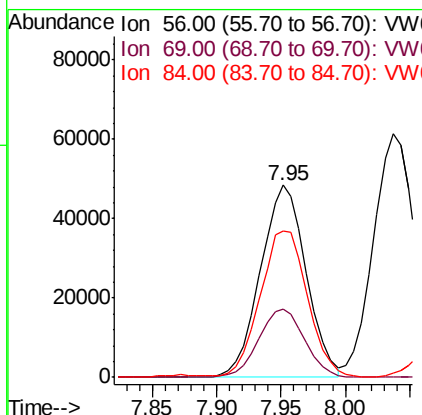
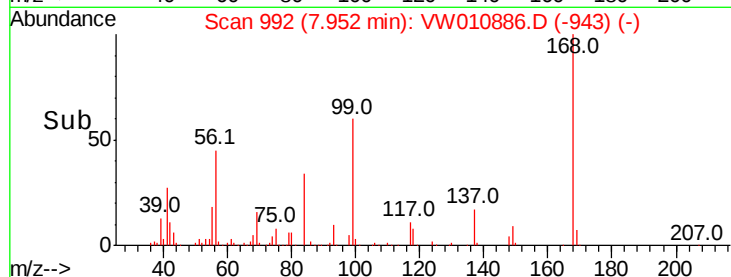
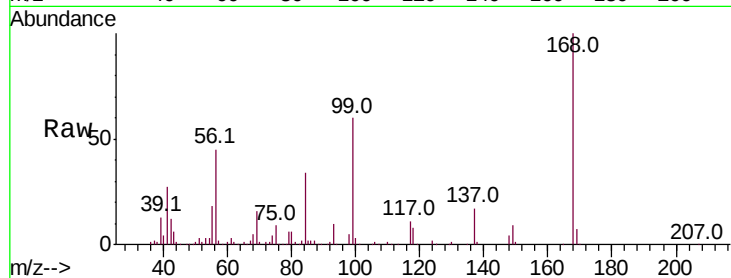
#31
Cyclohexane
Concen: 20.393 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.7	25.2	37.8
84	75.5	62.2	93.2

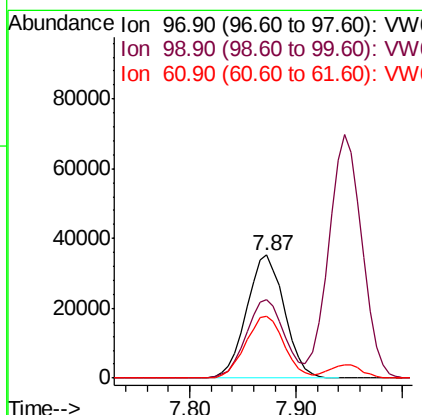
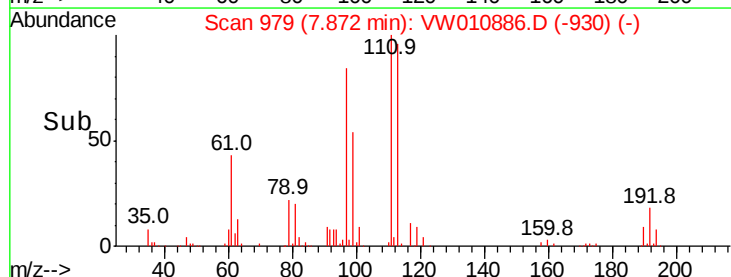
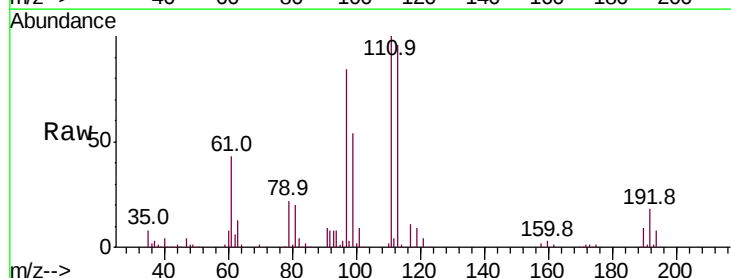
Manual Integrations
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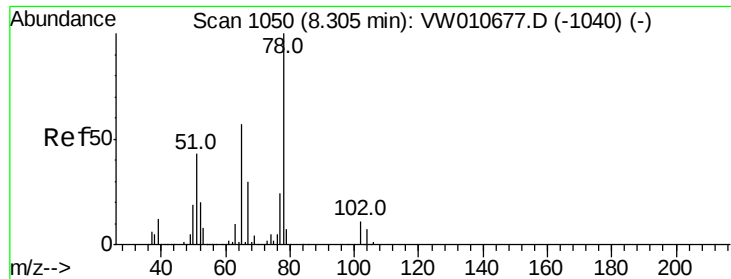
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#32
1,1,1-Trichloroethane
Concen: 20.951 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.3	76.9
61	51.4	40.4	60.6





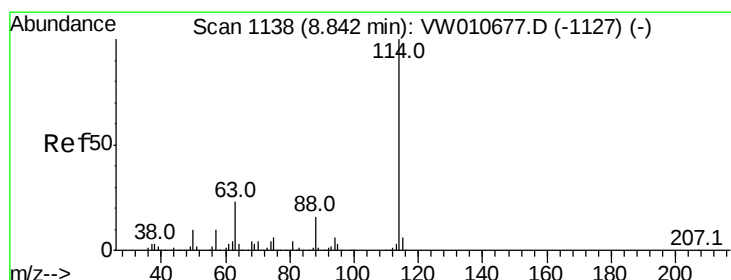
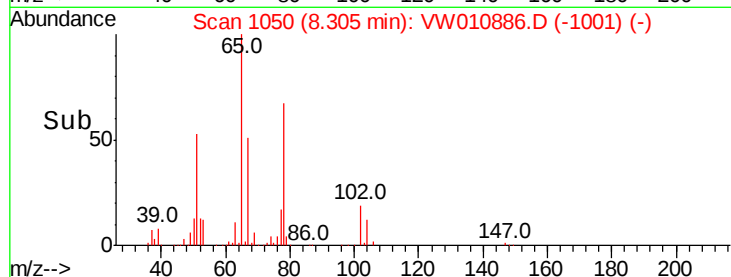
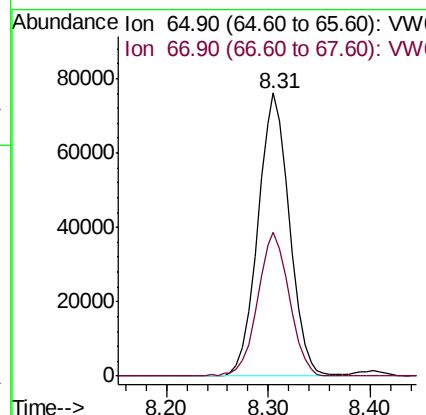
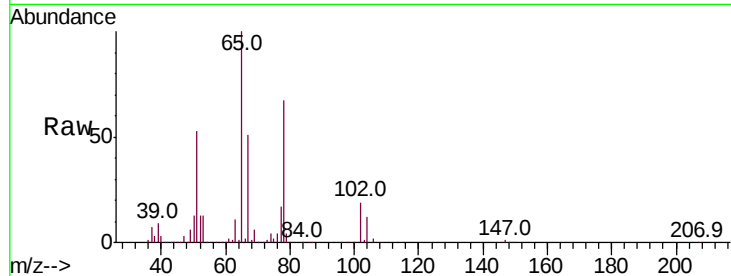
#33
 1,2-Dichloroethane-d4
 Concen: 56.361 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.6

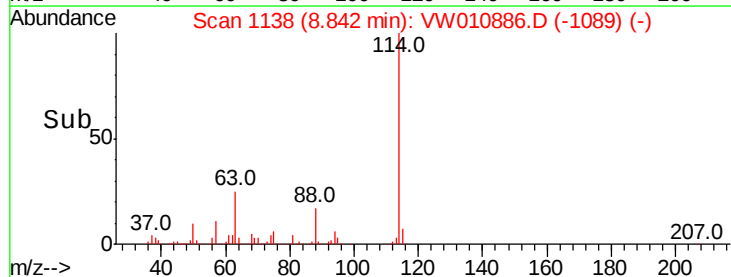
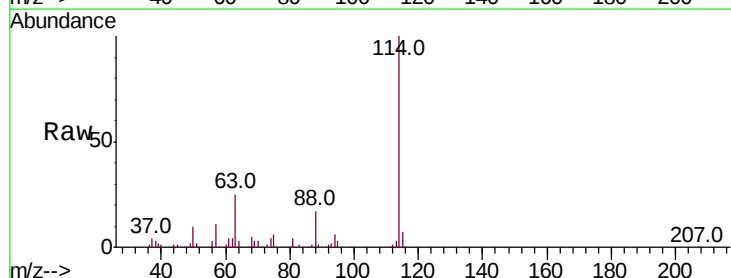
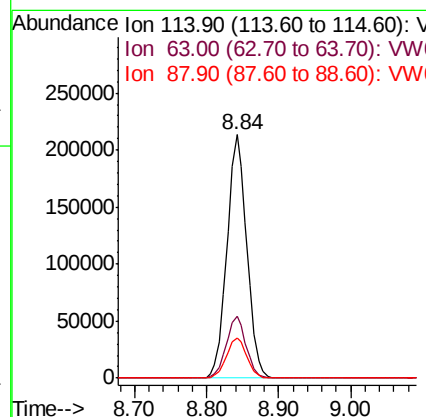
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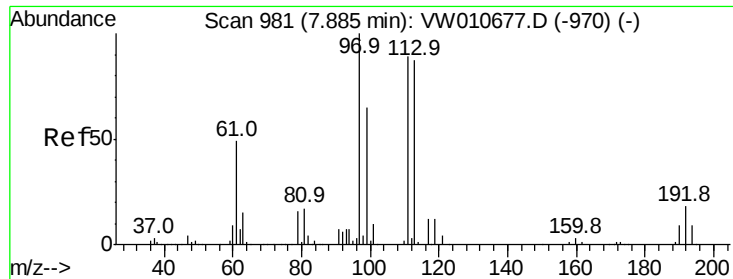
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	46.4
88	16.6	0.0	32.2





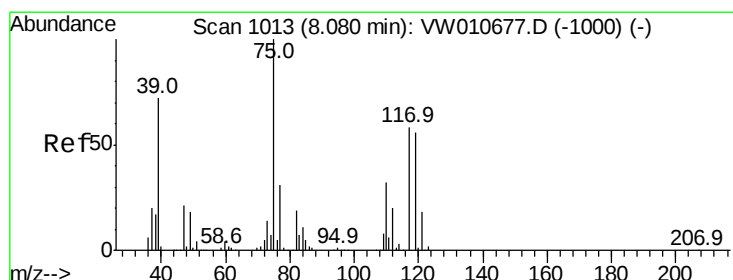
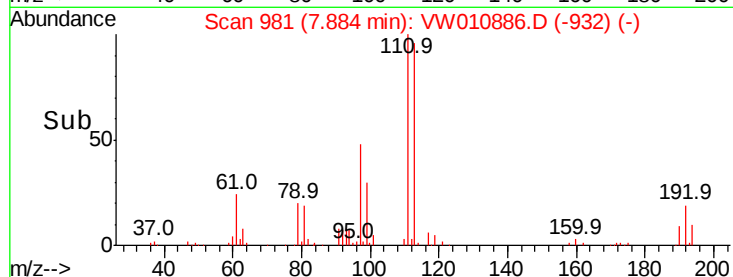
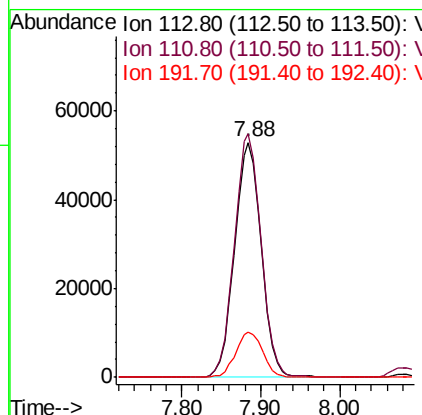
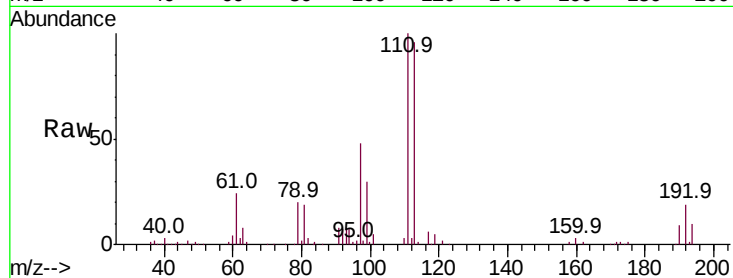
#35
 Dibromofluoromethane
 Concen: 56.139 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	124510		
111	103.8	82.6	123.8	
192	19.4	16.4	24.6	

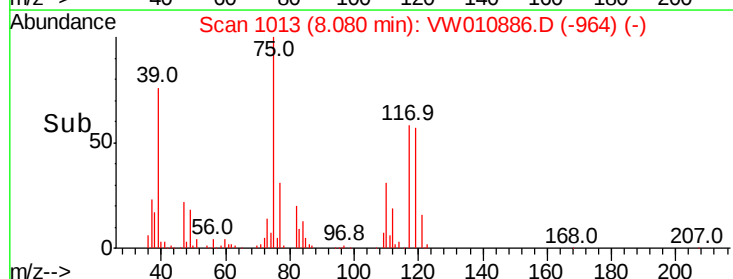
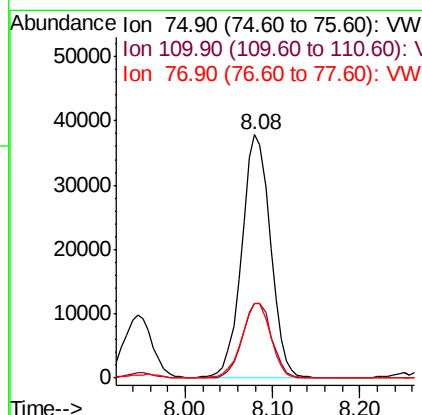
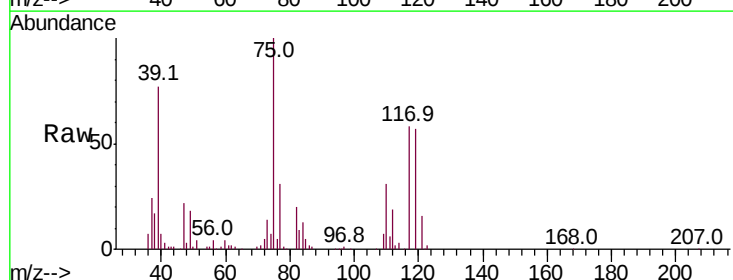
Manual Integrations
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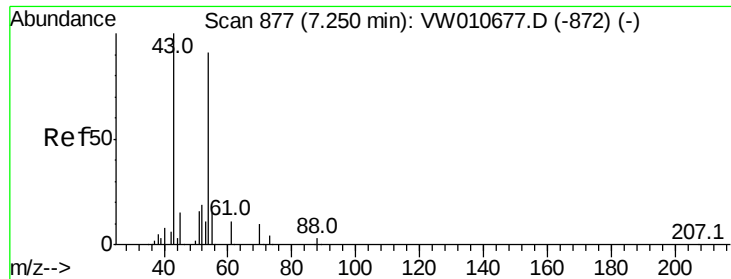
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#36
 1,1-Dichloropropene
 Concen: 20.626 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	86274		
110	31.5	15.8	47.3	
77	31.2	24.7	37.1	





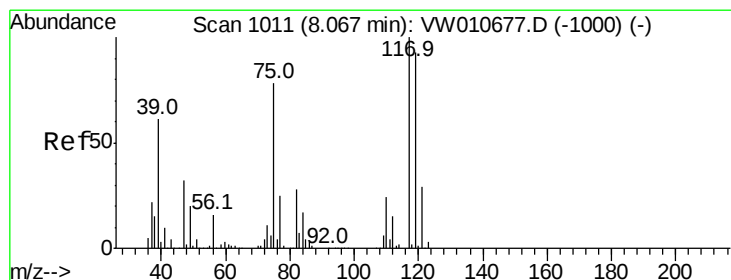
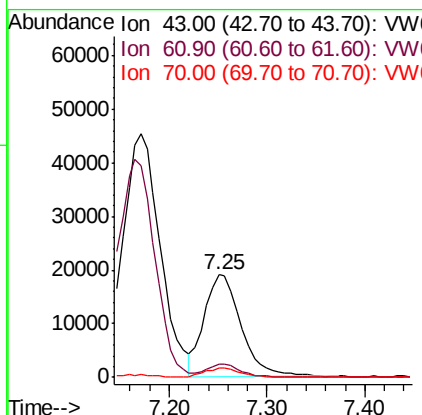
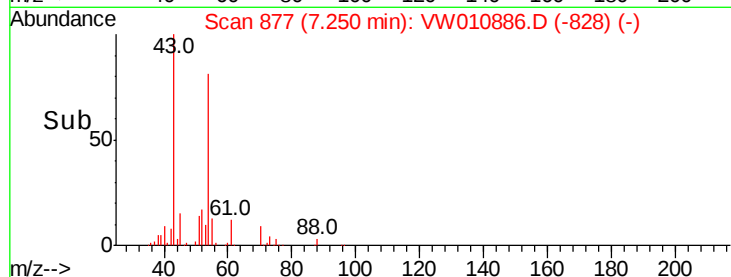
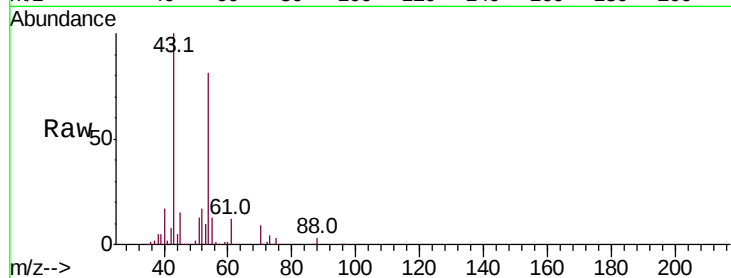
#37
Ethyl Acetate
Concen: 21.426 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion: 43 Resp: 49662
Ion Ratio Lower Upper
43 100
61 12.2 9.7 14.5
70 9.0 7.2 10.8

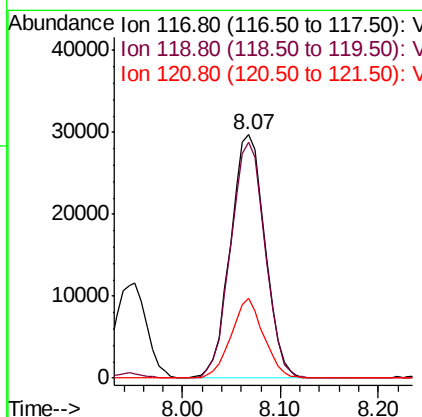
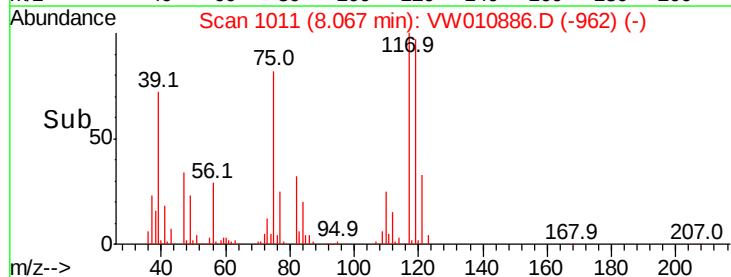
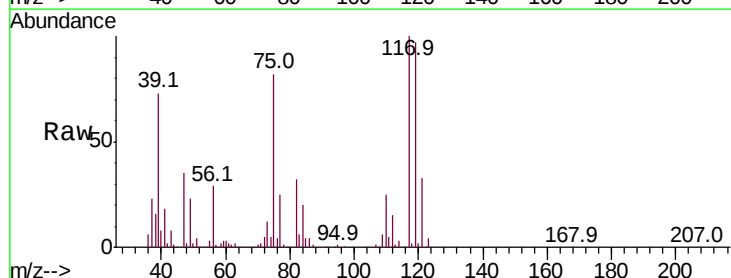
Manual Integrations
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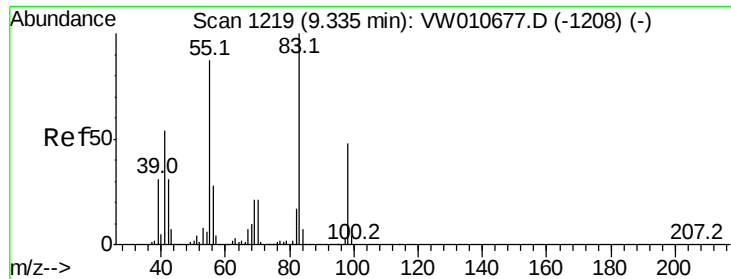
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#38
Carbon Tetrachloride
Concen: 20.192 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion: 117 Resp: 72907
Ion Ratio Lower Upper
117 100
119 96.9 74.2 111.4
121 32.7 22.9 34.3





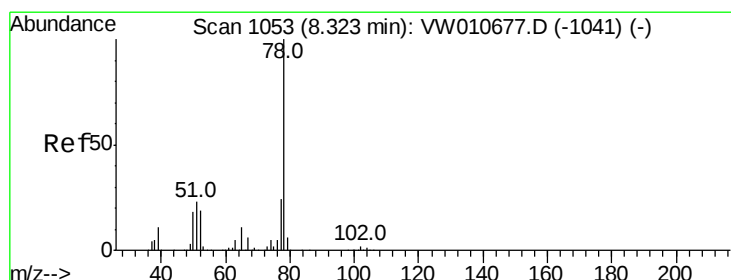
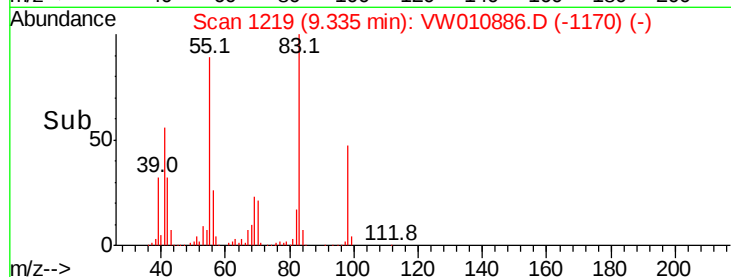
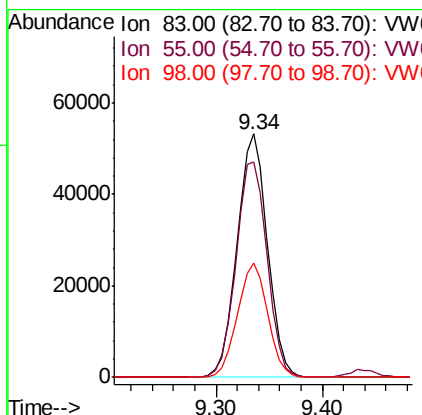
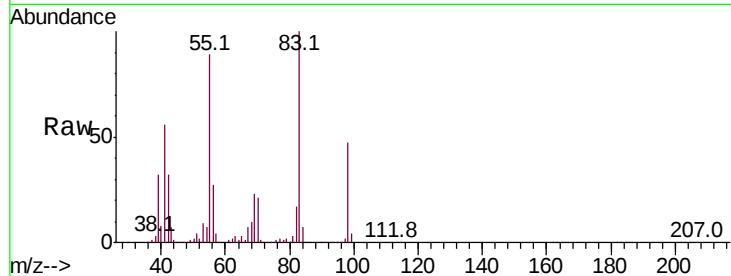
#39
Methvlcvclohexane
Concen: 20.040 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	83	Resp	106554
Ion Ratio	100	Lower	Upper
83	100		
55	88.6	70.0	105.0
98	47.1	38.1	57.1

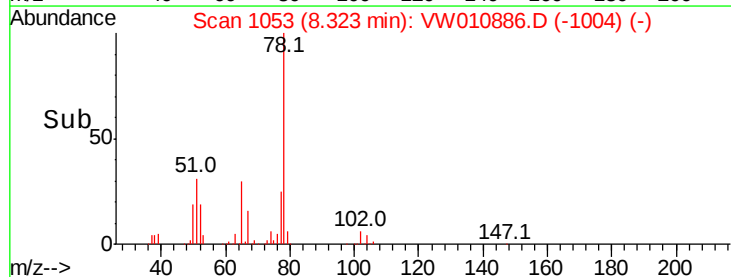
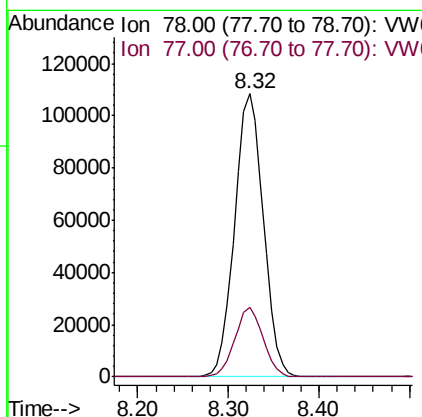
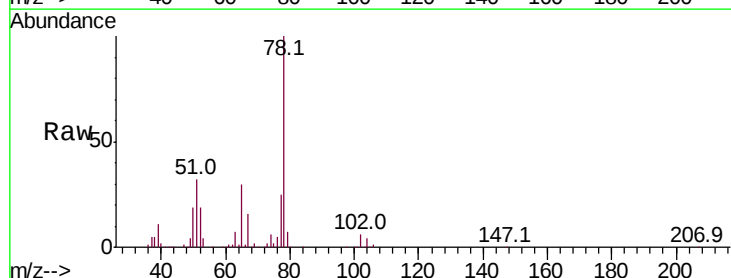
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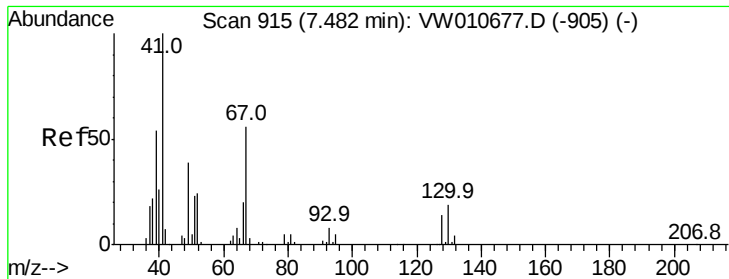
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#40
Benzene
Concen: 20.911 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	78	Resp	238606
Ion Ratio	100	Lower	Upper
78	100		
77	24.7	19.1	28.7





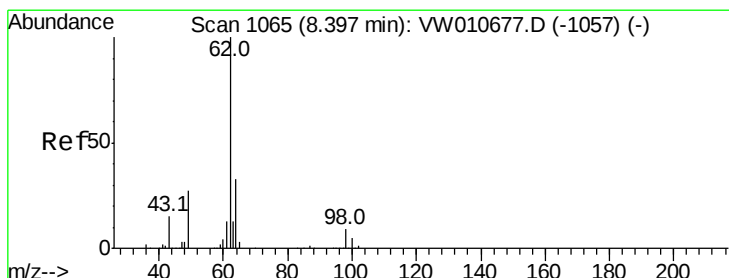
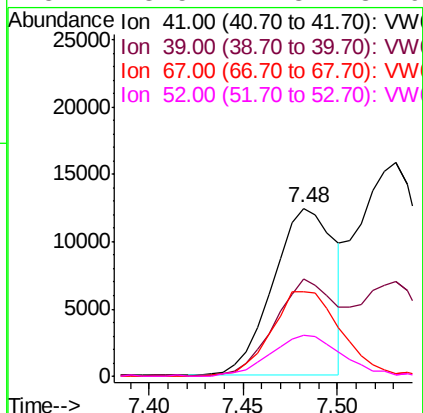
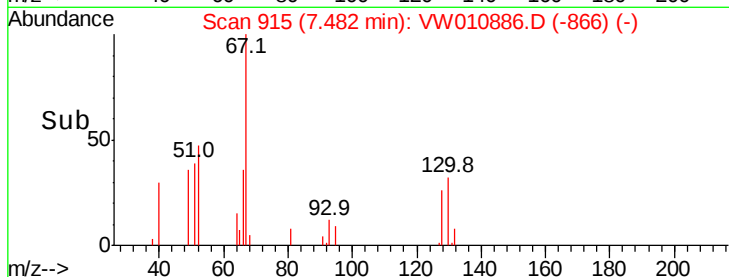
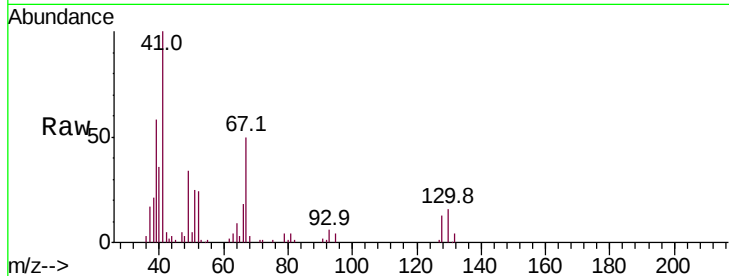
#41
Methacrylonitrile
Concen: 20.569 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.6	47.3	70.9
67	57.9	47.2	70.8
52	28.5	21.3	31.9

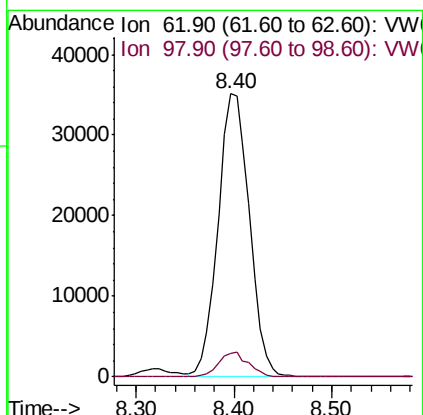
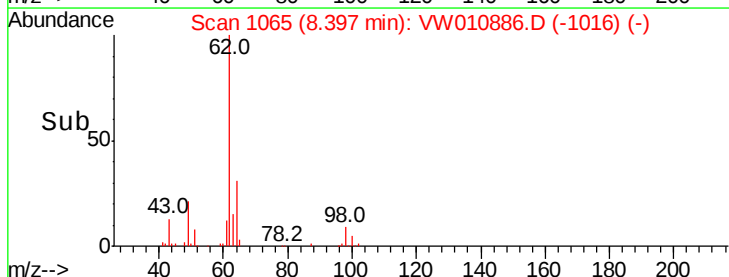
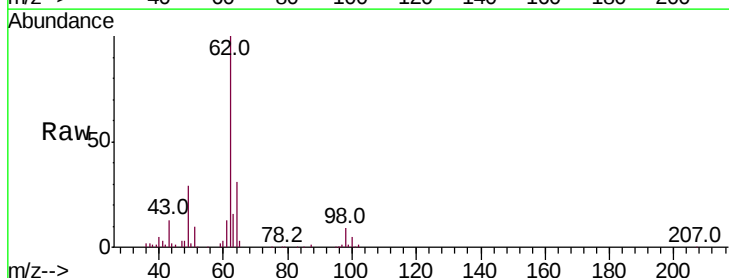
Manual Integrations
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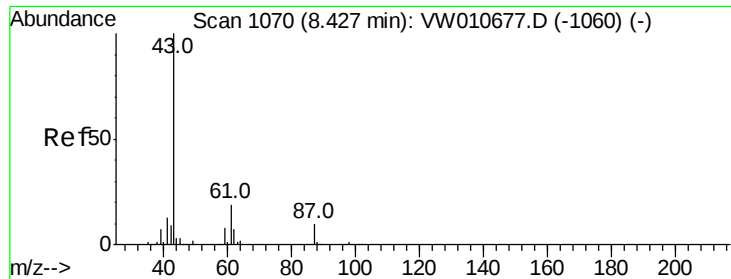
MMDadoda
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#42
1,2-Dichloroethane
Concen: 21.587 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 21.092 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

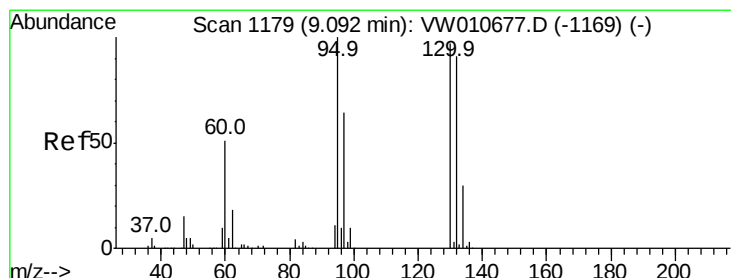
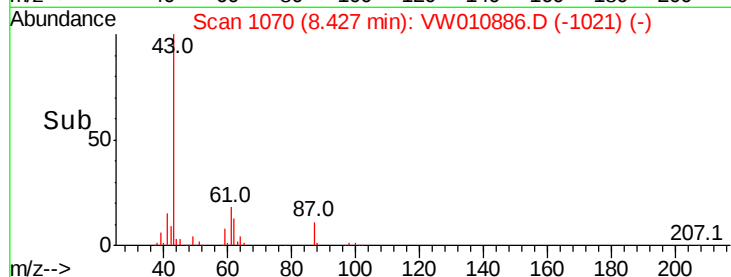
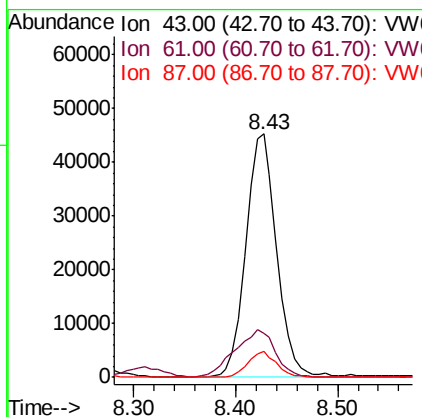
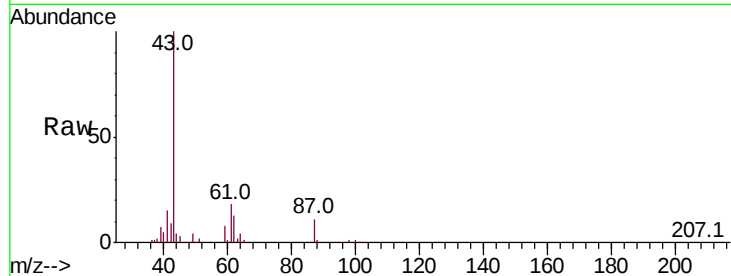
ClientSampleId :

VW0620SBS01

Tot Ion:	43	Resp:	94448
Ion	Ratio	Lower	Upper
43	100		
61	26.2	21.2	31.8
87	10.1	8.3	12.5

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#44

Trichloroethene

Concen: 20.104 ug/l

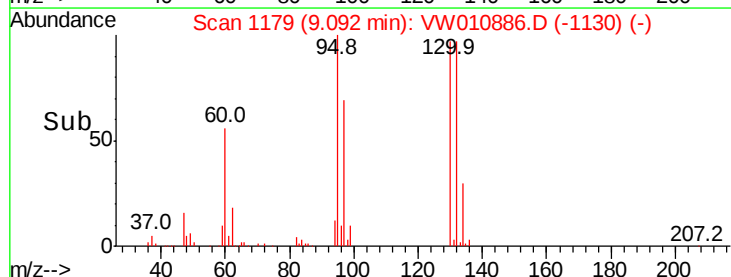
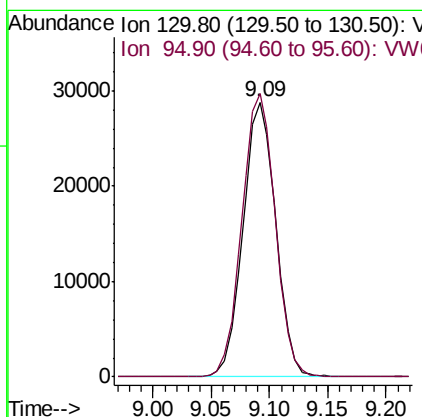
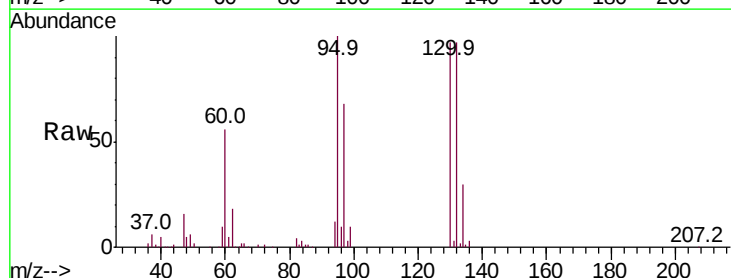
RT: 9.09 min Scan# 1179

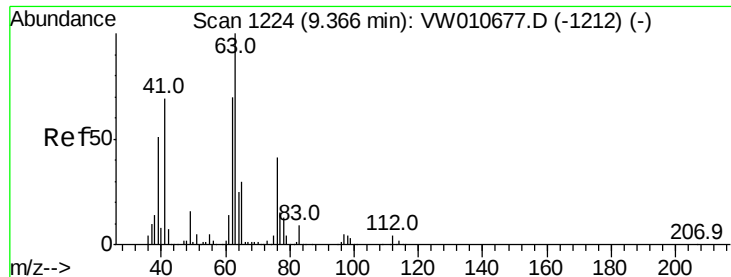
Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Tgt Ion:	130	Resp:	56586
Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	207.0





#45

1,2-Dichloropropane

Concen: 21.247 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBSD01

Tot Ion: 63 Resp: 64179

Ion Ratio Lower Upper

63 100

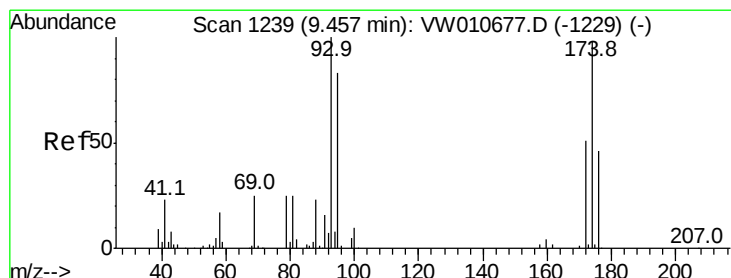
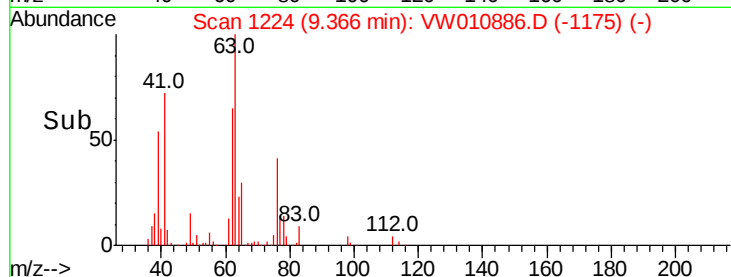
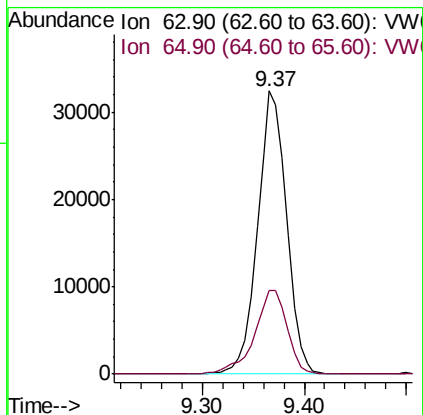
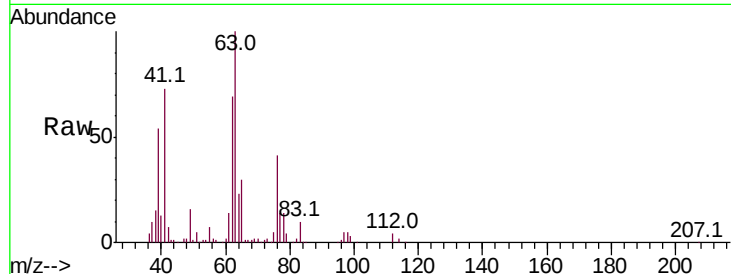
65 29.8 23.8 35.6

Manual Integrations

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#46

Dibromomethane

Concen: 20.666 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

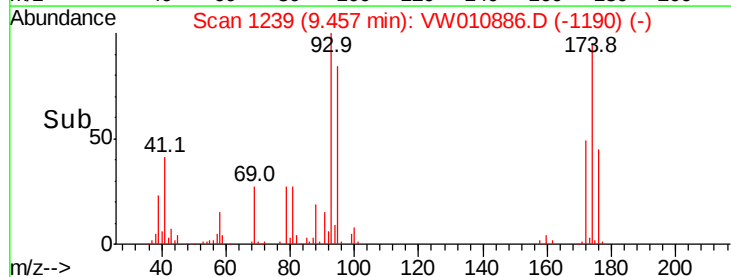
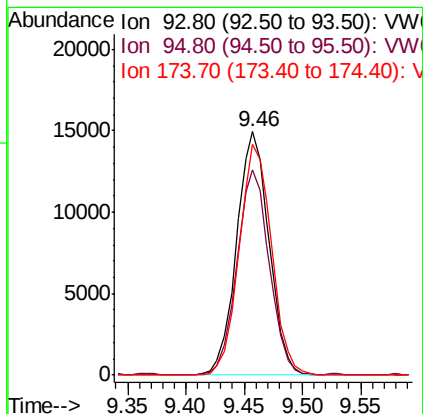
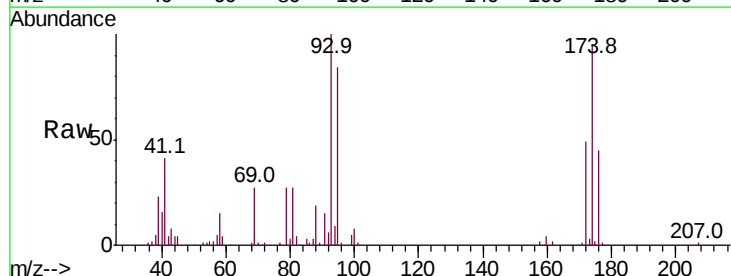
Tgt Ion: 93 Resp: 28994

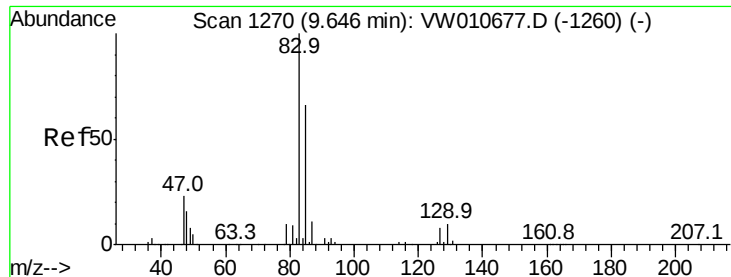
Ion Ratio Lower Upper

93 100

95 84.1 65.8 98.8

174 94.6 77.4 116.0





#47

Bromodichloromethane

Concen: 20.312 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

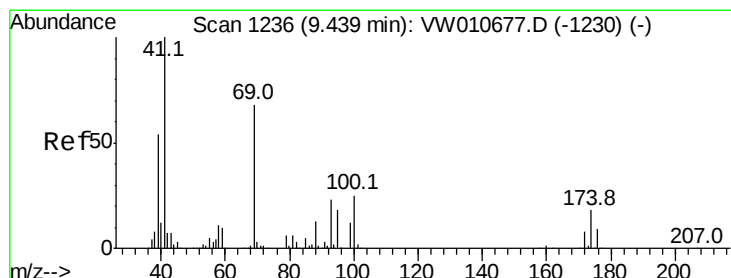
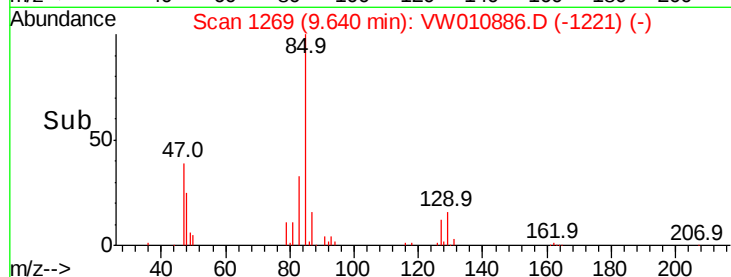
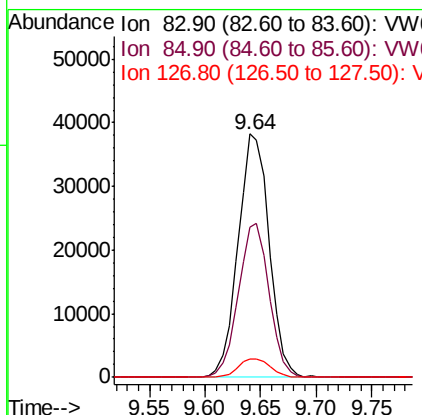
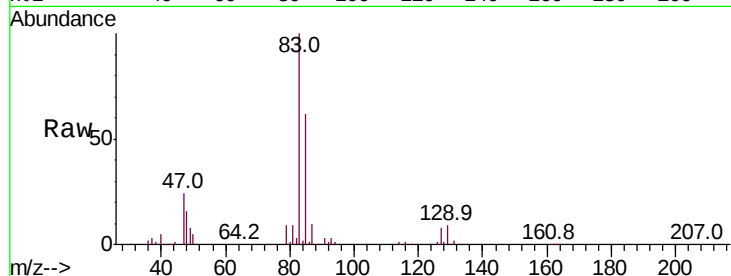
ClientSampleId :

VW0620SBS01

Tot Ion:	83	Resp:	73870
Ion Ratio	Lower	Upper	
83	100		
85	61.5	53.0	79.4
127	7.5	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.399 ug/l

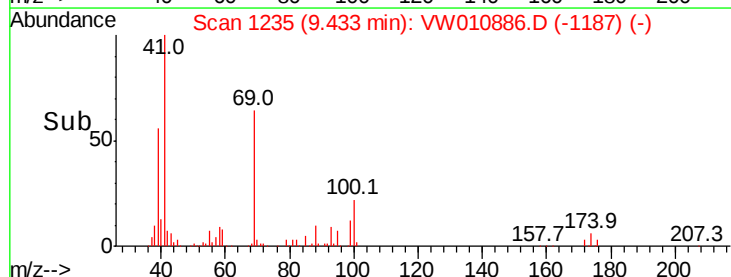
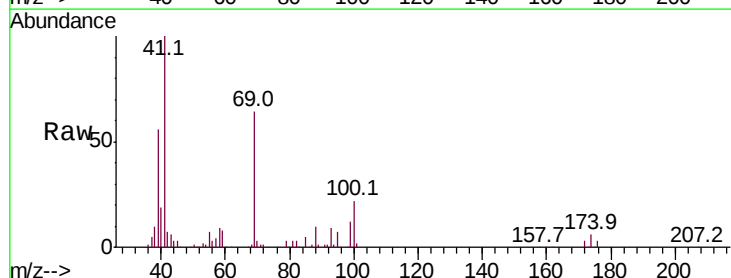
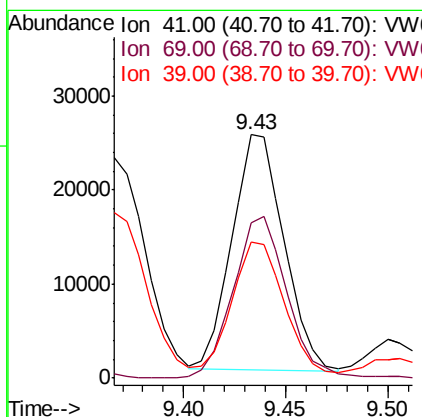
RT: 9.43 min Scan# 1235

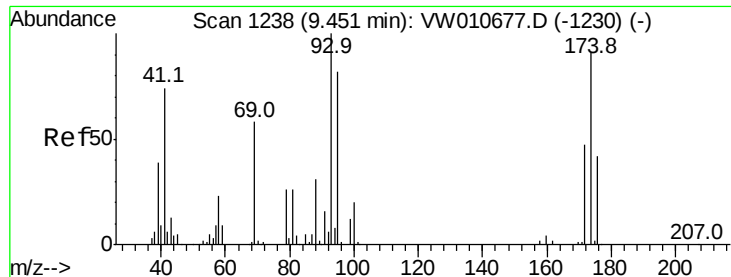
Delta R.T. -0.01 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Tgt Ion:	41	Resp:	44041
Ion Ratio	Lower	Upper	
41	100		
69	72.2	56.6	85.0
39	55.2	44.4	66.6





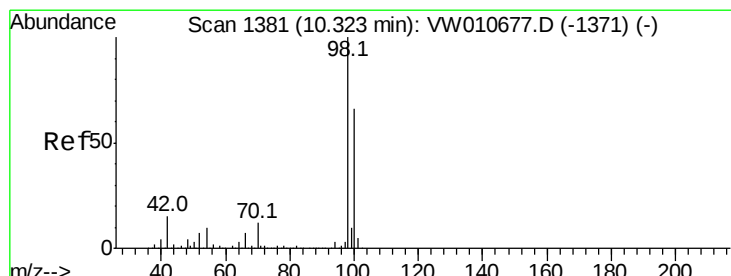
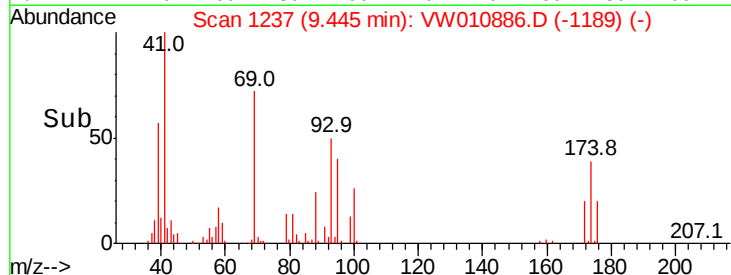
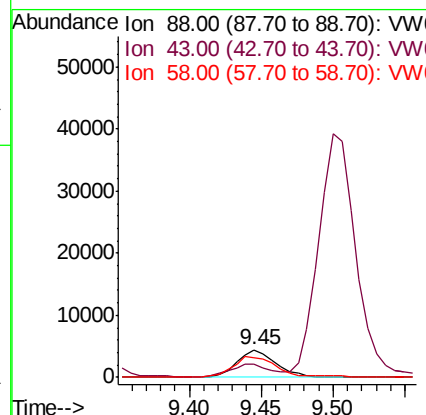
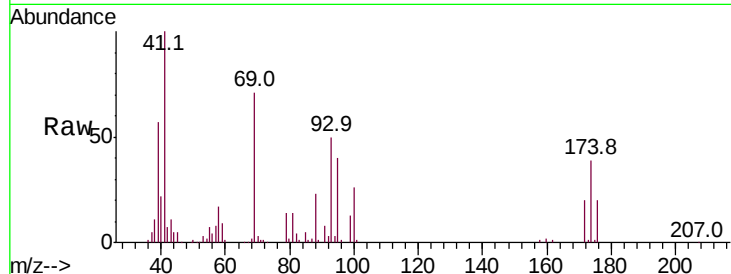
#49
1,4-Dioxane
Concen: 381.223 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion: 88 Resp: 8362
Ion Ratio Lower Upper
88 100
43 49.8 34.2 51.4
58 84.0 69.0 103.4

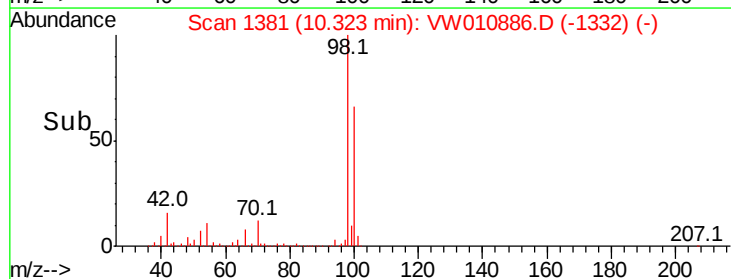
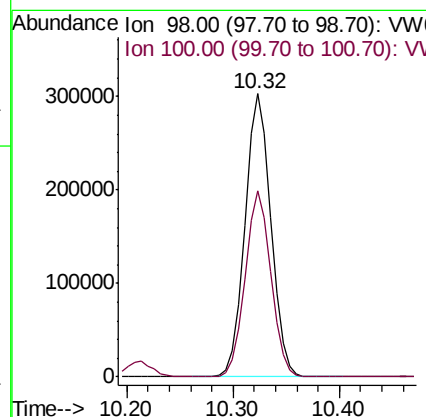
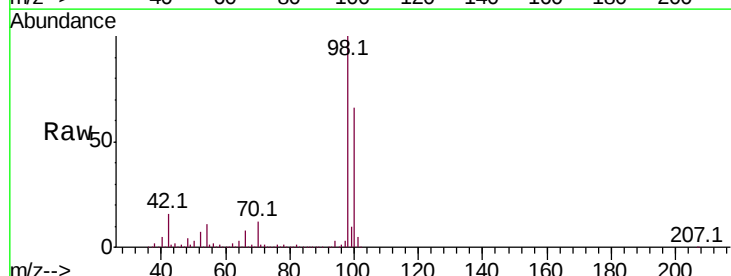
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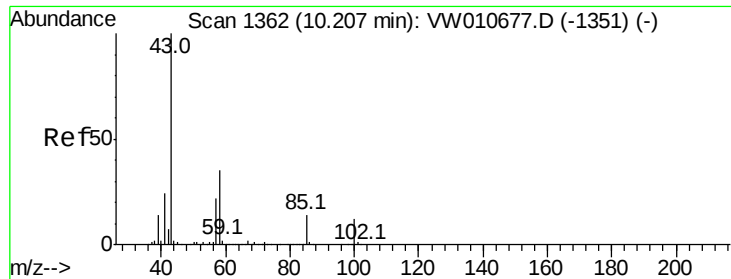
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#50
Toluene-d8
Concen: 53.192 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion: 98 Resp: 517335
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 107.314 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBS01

Tot Ion: 43 Resp: 245493

Ion Ratio Lower Upper

43 100

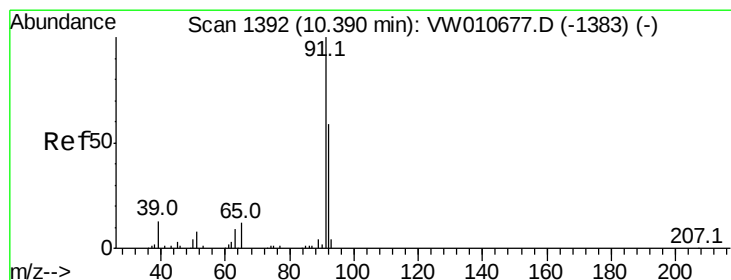
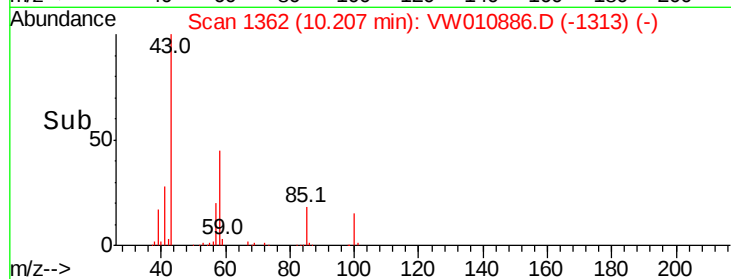
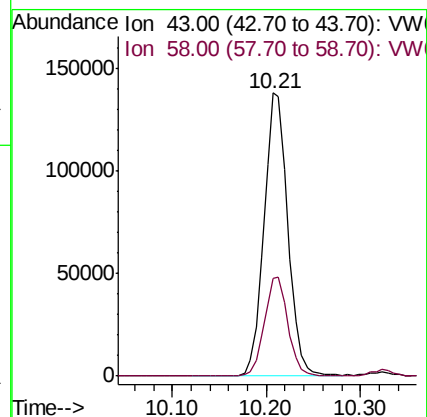
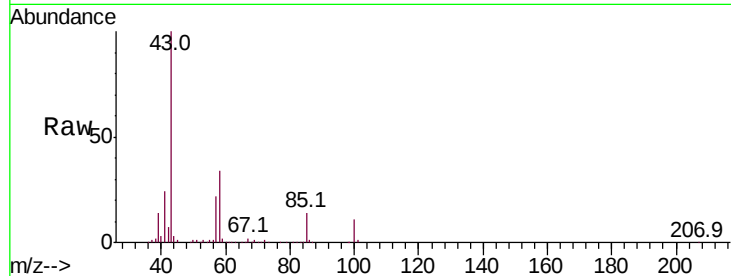
58 34.8 28.4 42.6

Manual Integrations

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#52

Toluene

Concen: 20.571 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010886.D

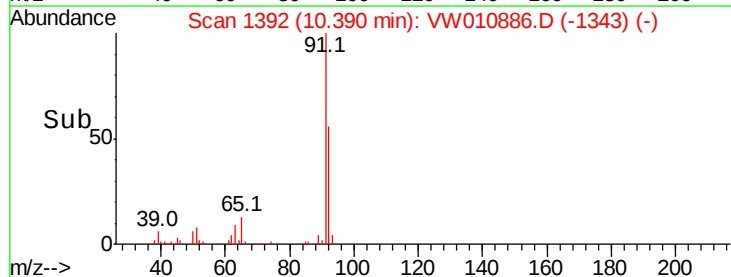
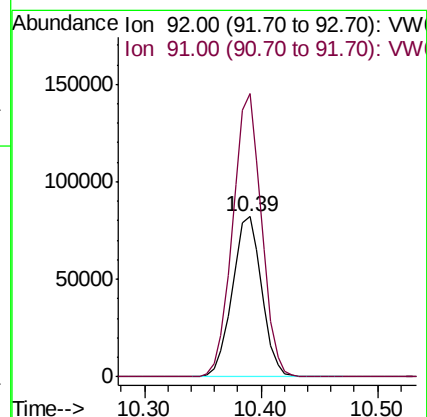
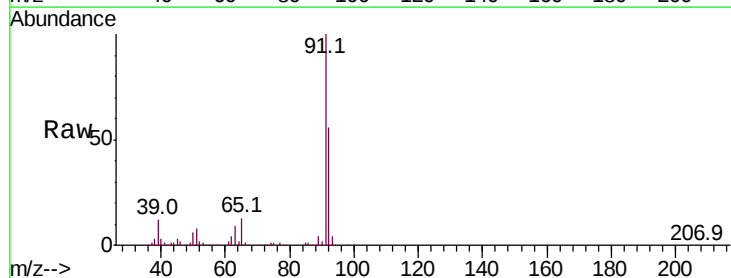
Acq: 20 Jun 2019 12:26

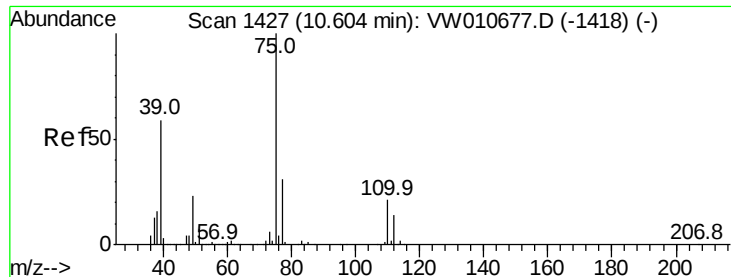
Tgt Ion: 92 Resp: 144426

Ion Ratio Lower Upper

92 100

91 173.0 134.9 202.3





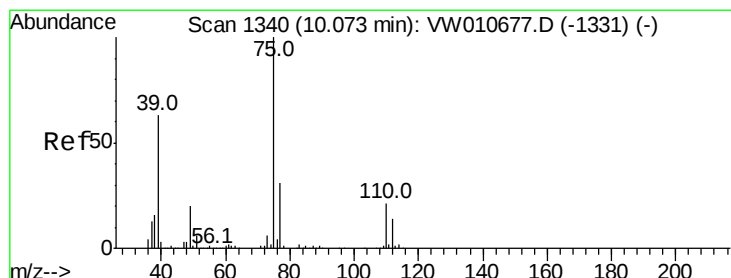
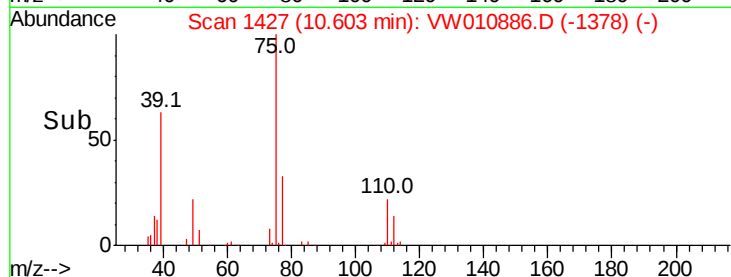
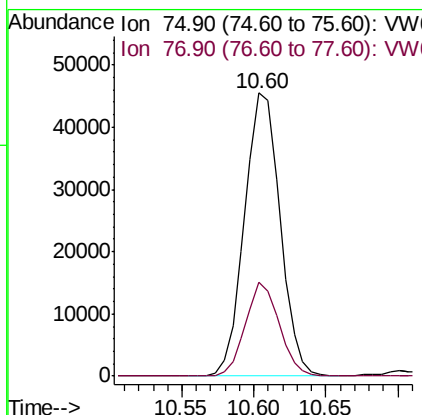
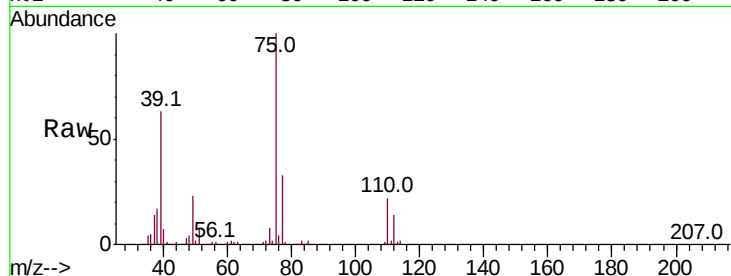
#53
 t-1,3-Dichloropropene
 Concen: 20.263 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBS01

Tot Ion	75	Resp	78052
Ion Ratio	100	Lower	Upper
77	33.3	24.6	36.8

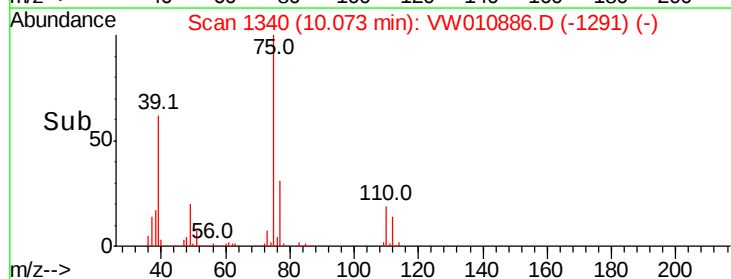
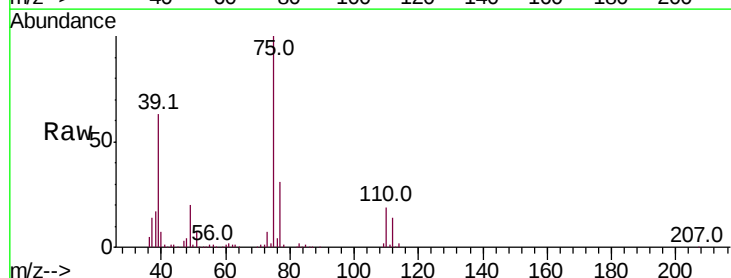
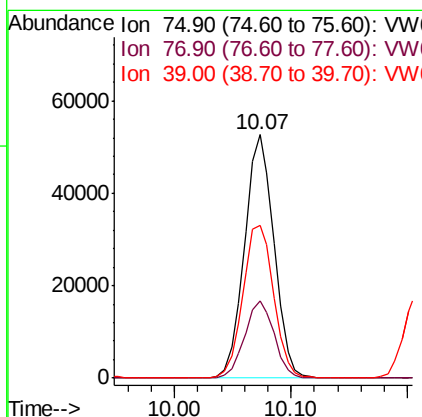
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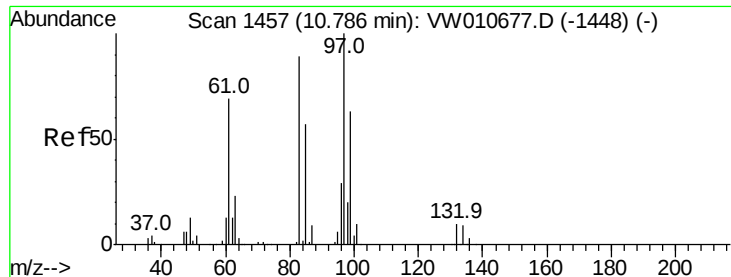
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#54
 cis-1,3-Dichloropropene
 Concen: 20.546 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion	75	Resp	93127
Ion Ratio	100	Lower	Upper
77	31.5	25.2	37.8
39	62.7	50.1	75.1





#55

1,1,2-Trichloroethane

Concen: 20.815 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBS01

Tot Ion: 97 Resp: 42070

Ion Ratio Lower Upper

97 100

83 89.9 71.1 106.7

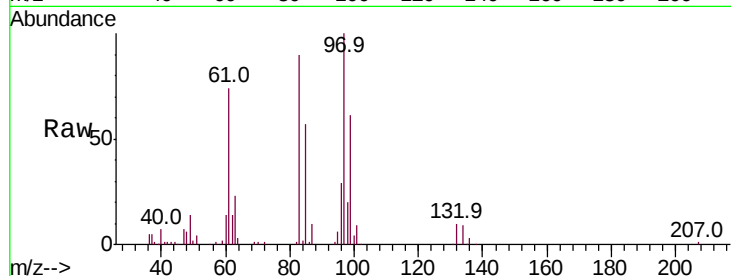
85 56.7 45.2 67.8

99 60.9 50.0 75.0

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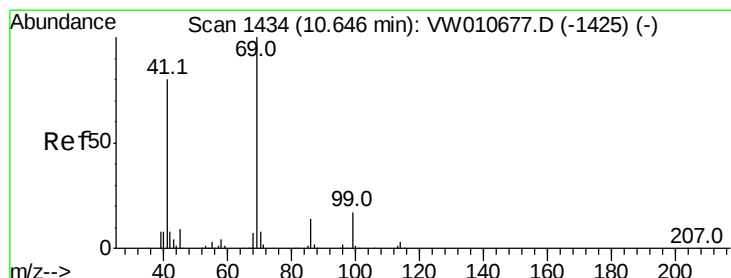
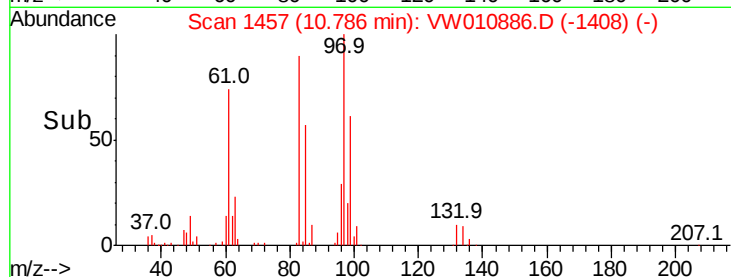
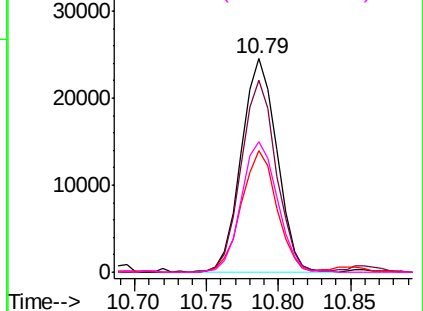


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 20.176 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

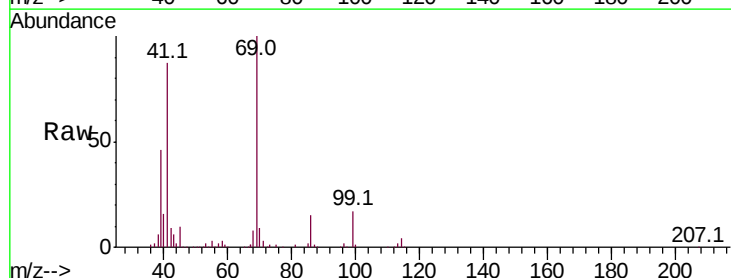
Tgt Ion: 69 Resp: 62746

Ion Ratio Lower Upper

69 100

41 86.1 64.8 97.2

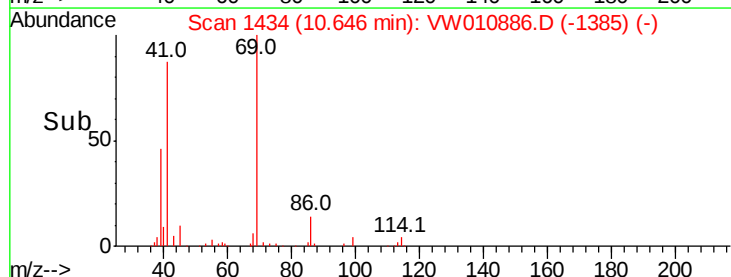
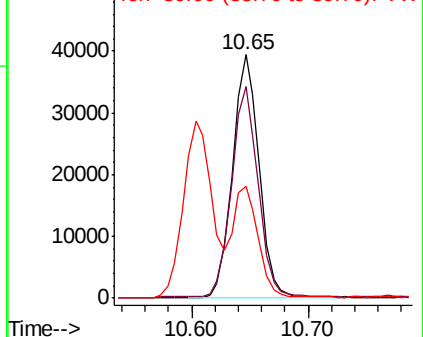
39 42.9 32.2 48.2

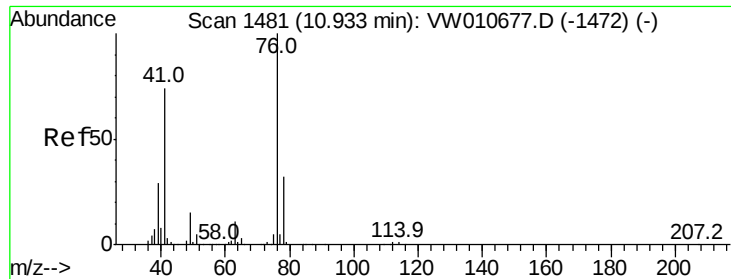


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





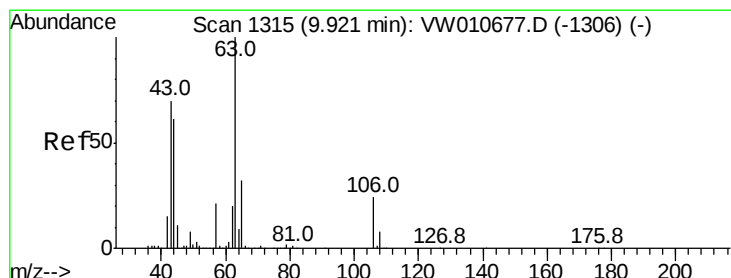
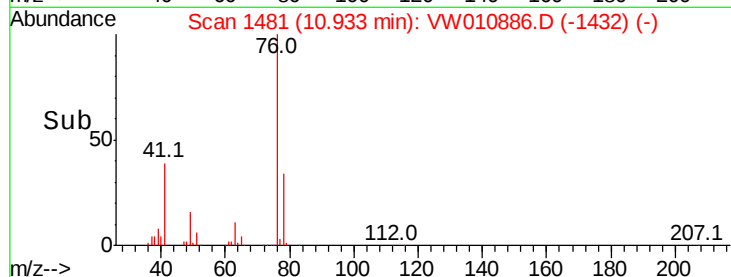
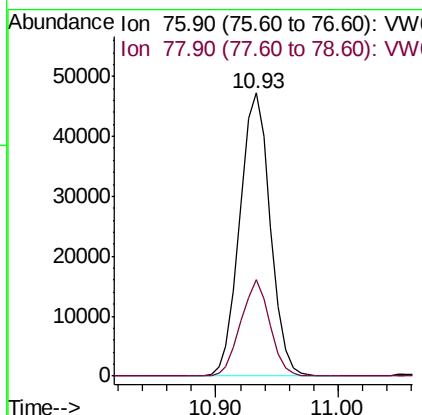
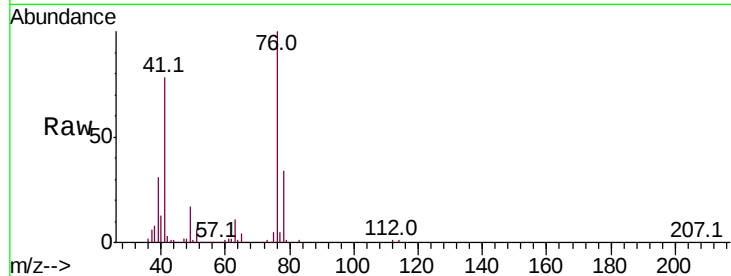
#57
 1,3-Dichloropropane
 Concen: 21.438 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBS01

Tot Ion: 76 Resp: 81654
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5

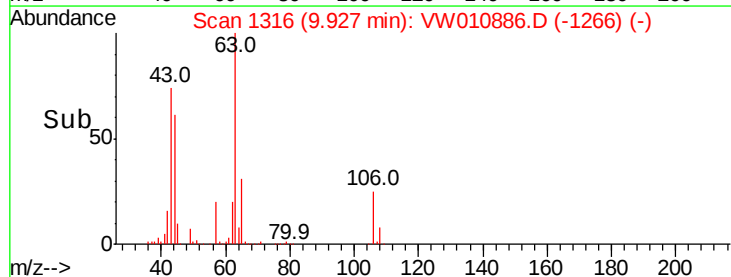
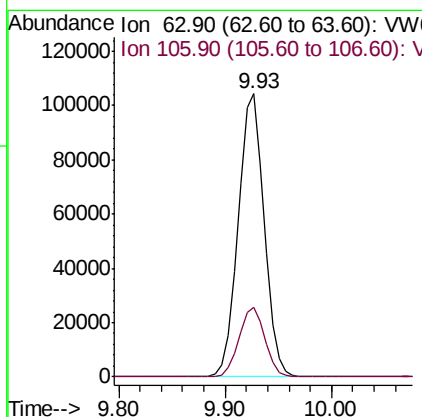
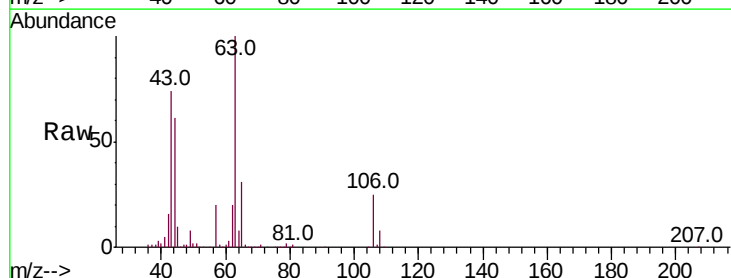
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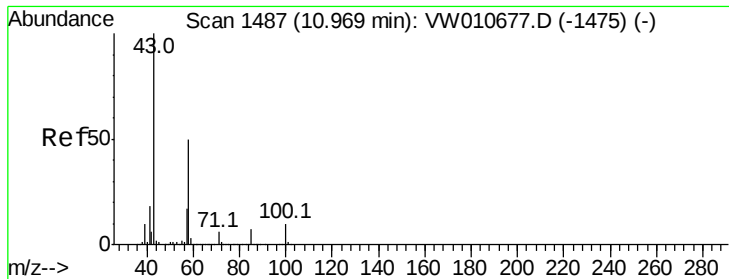
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#58
 2-Chloroethyl Vinyl ether
 Concen: 109.715 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion: 63 Resp: 178717
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.1 30.1





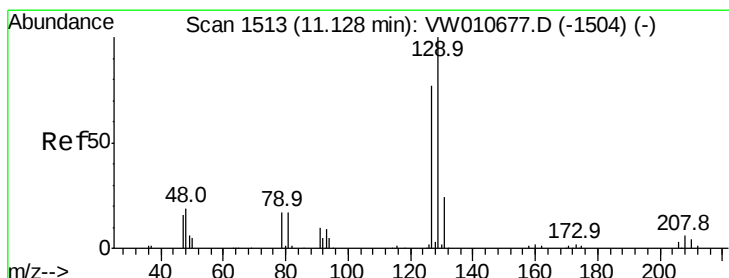
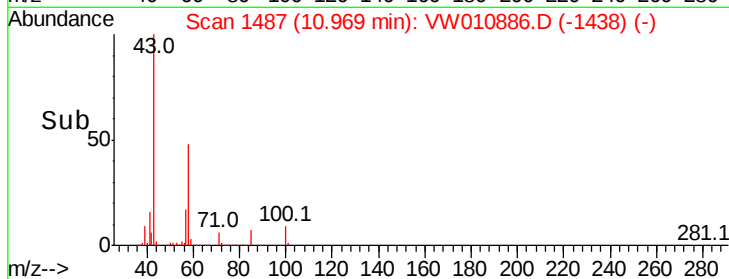
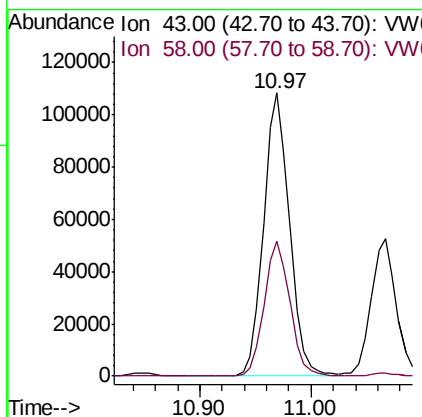
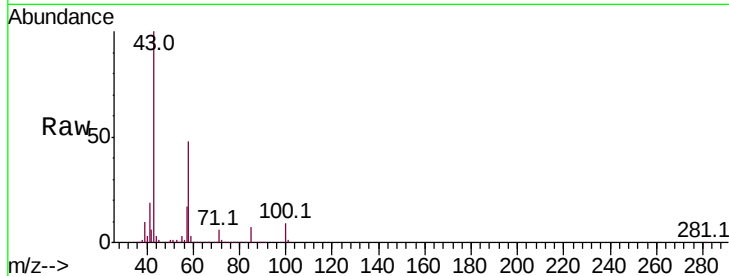
#59
2-Hexanone
Concen: 106.138 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBSD01

Tot Ion: 43 Resp: 175478
Ion Ratio Lower Upper
43 100
58 47.8 24.9 74.6

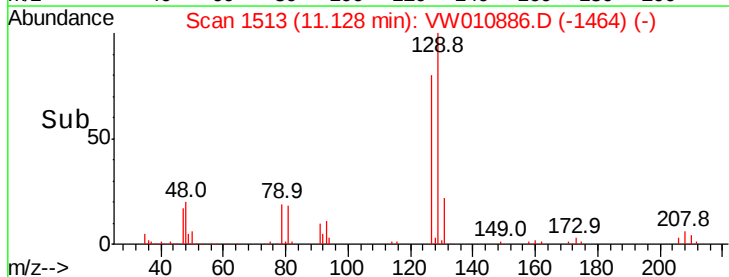
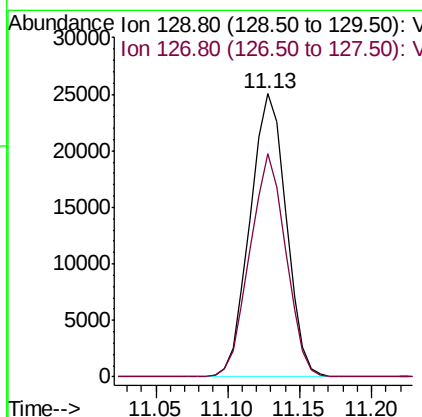
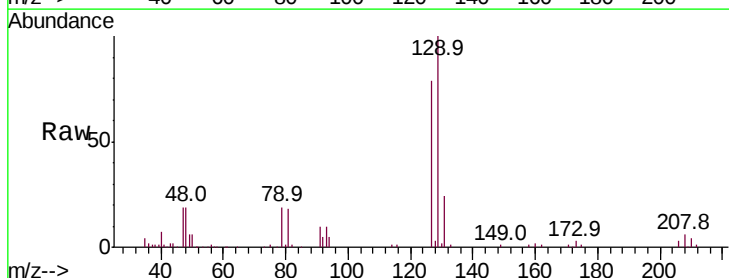
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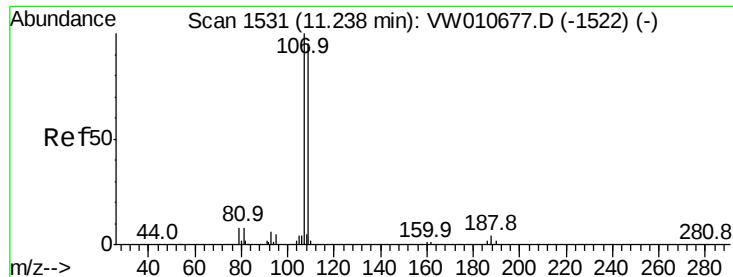
MMDadoda
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#60
Dibromochloromethane
Concen: 19.415 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion: 129 Resp: 43499
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.684 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBSD01

Tot Ion:107 Resp: 39608

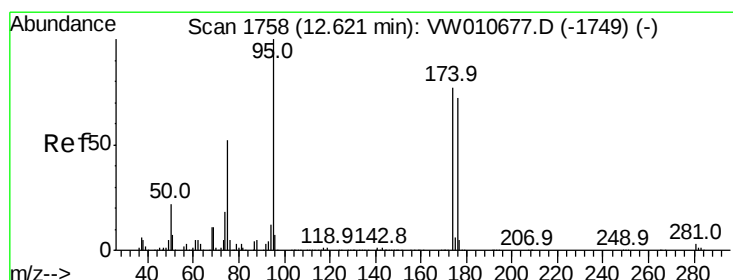
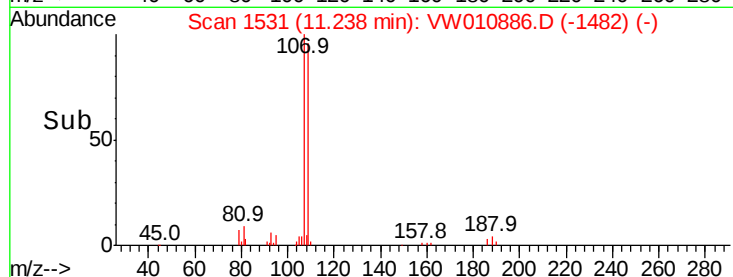
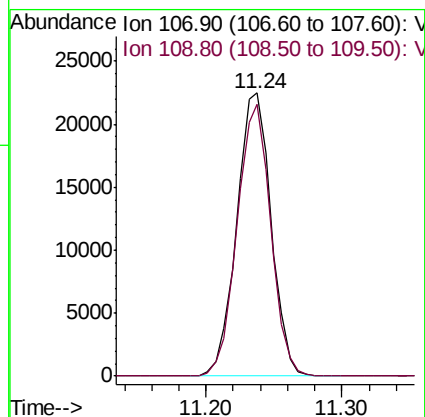
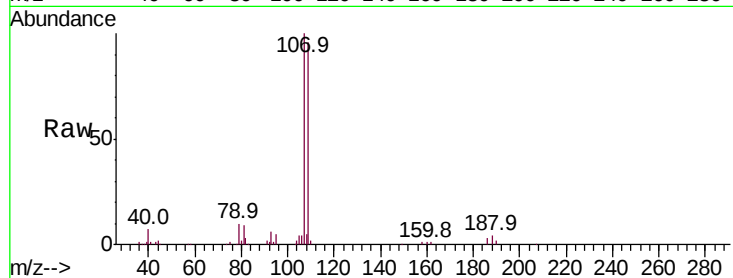
Ion Ratio Lower Upper

107 100

109 93.8 75.8 113.8

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#62

4-Bromofluorobenzene

Concen: 54.023 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

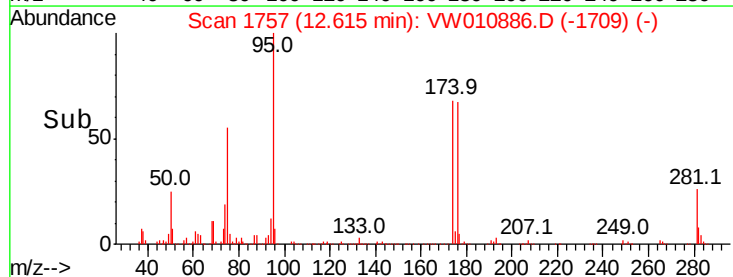
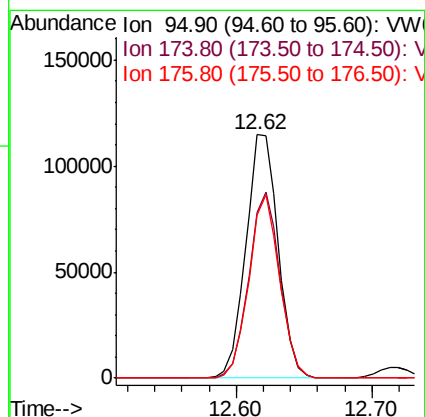
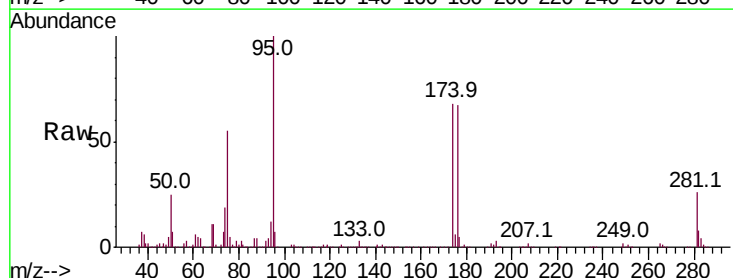
Tgt Ion: 95 Resp: 191192

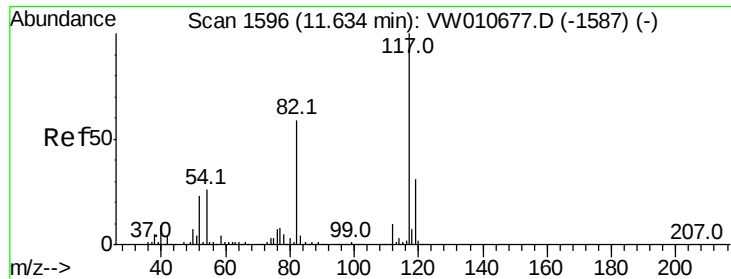
Ion Ratio Lower Upper

95 100

174 73.5 0.0 150.4

176 71.6 0.0 144.8





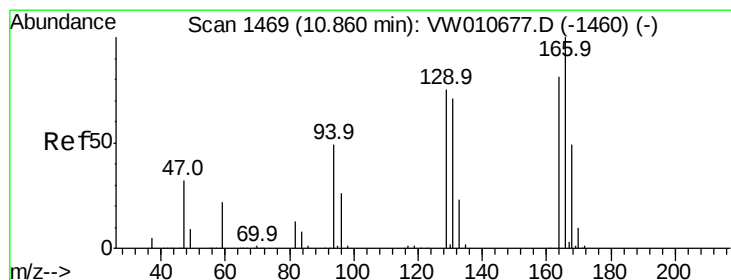
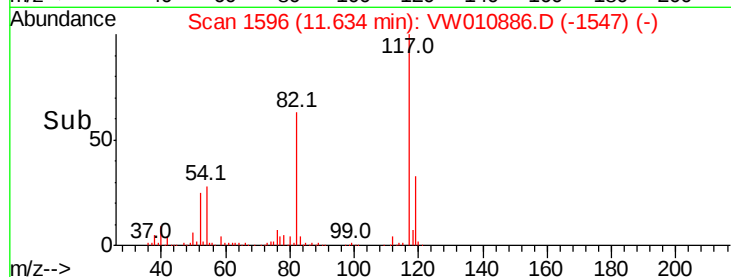
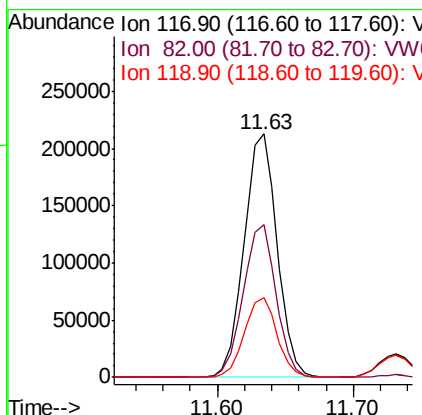
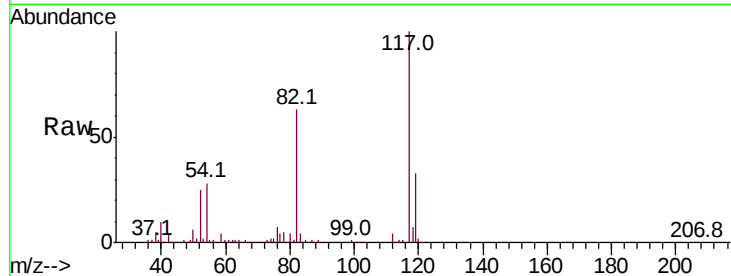
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.6	47.0	70.4
119	32.7	25.1	37.7

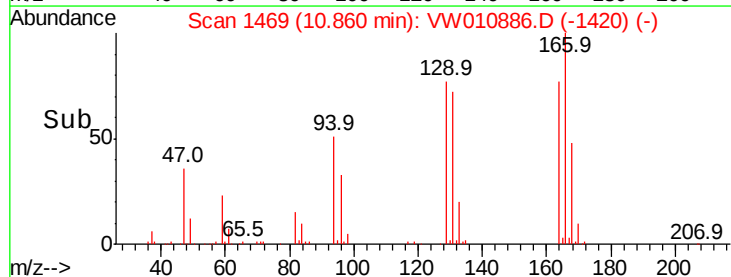
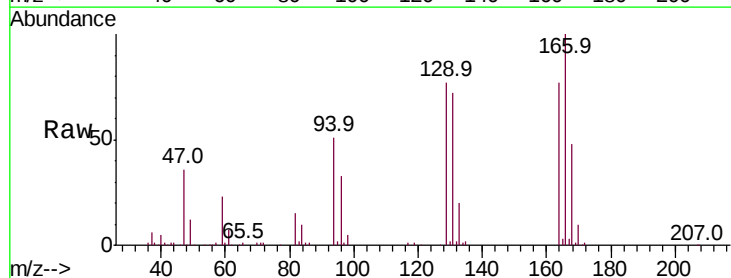
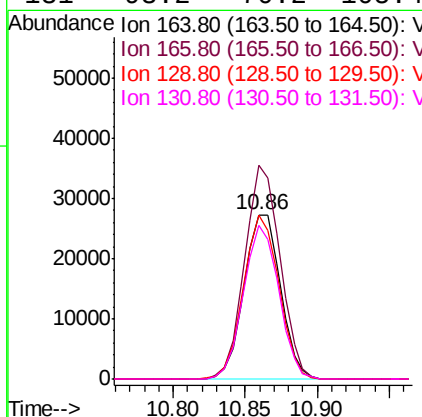
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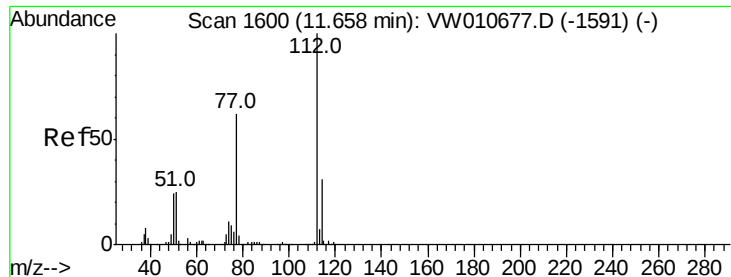
MMDadoda
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#64
Tetrachloroethene
Concen: 19.952 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	99.2	148.8
129	99.9	74.6	112.0
131	93.2	70.2	105.4





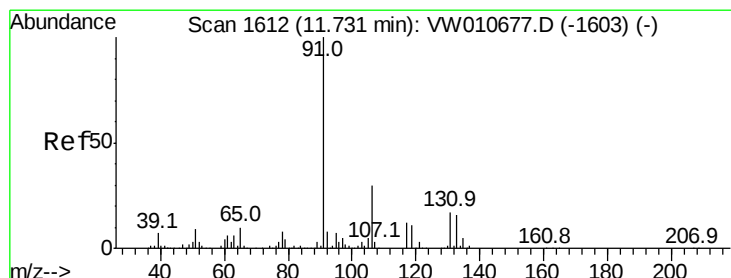
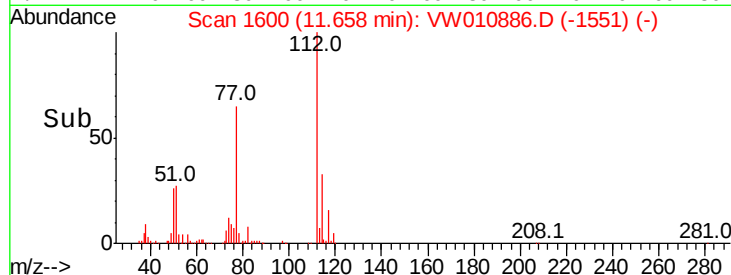
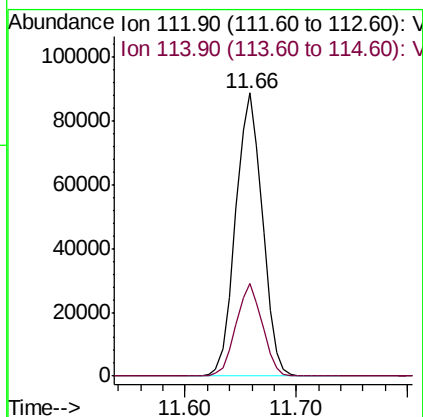
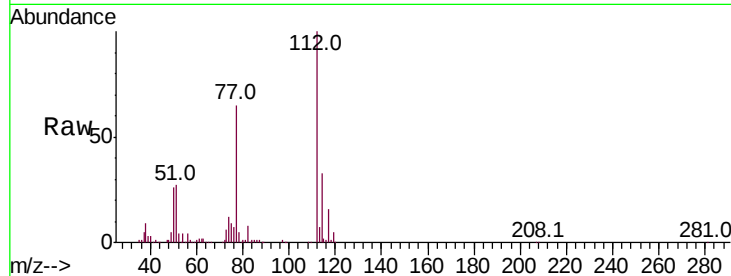
#65
Chlorobenzene
Concen: 20.741 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBSD01

Tot Ion:112 Resp: 147410
Ion Ratio Lower Upper
112 100
114 32.6 24.8 37.2

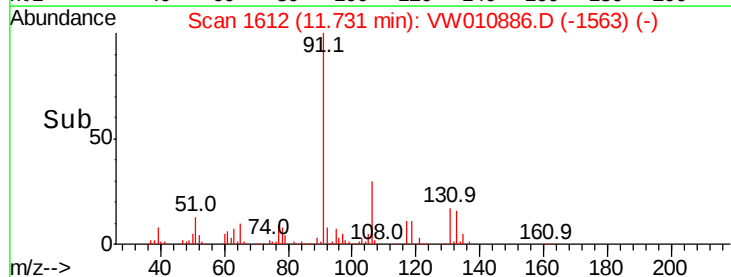
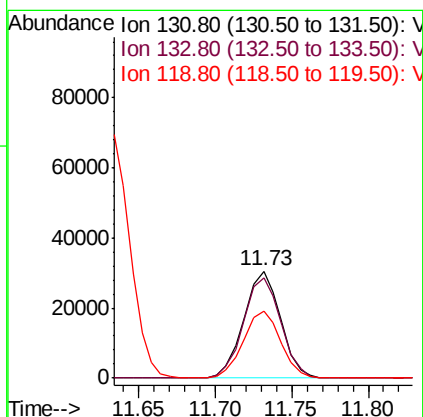
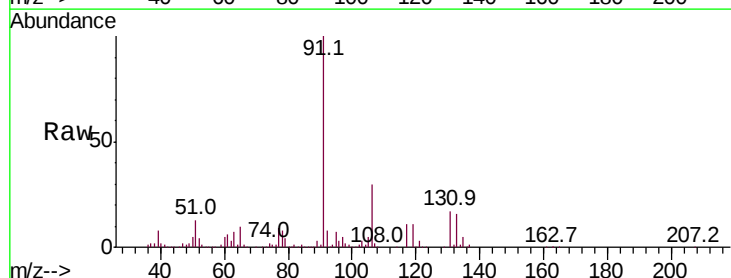
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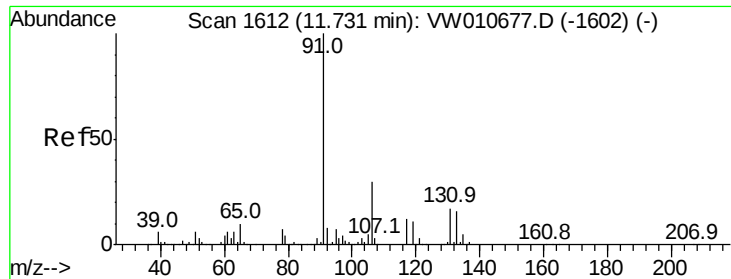
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.711 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion:131 Resp: 50954
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.9
119 64.1 32.4 97.0





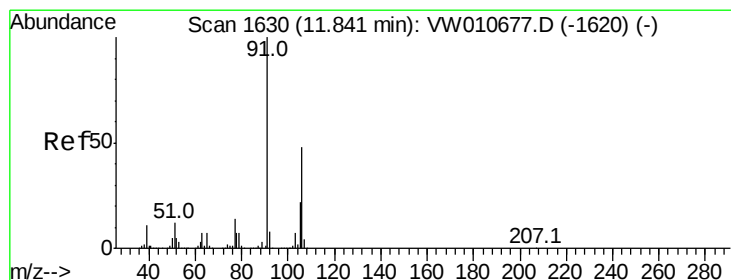
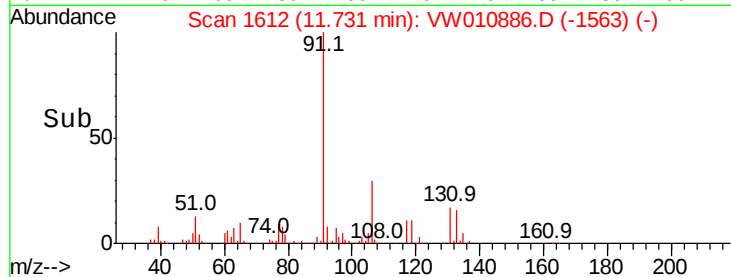
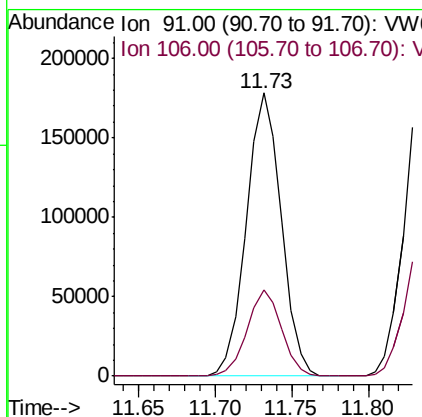
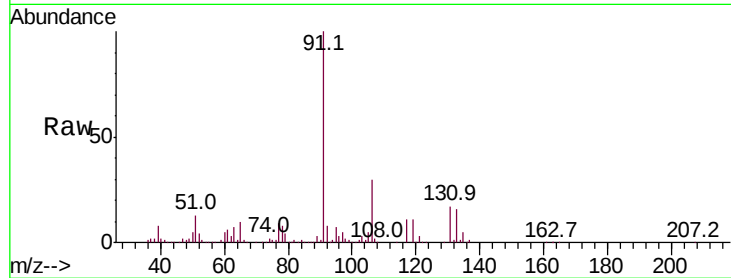
#67
Ethyl Benzene
Concen: 20.716 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.4

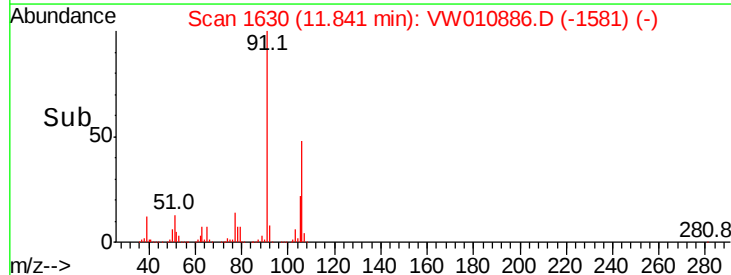
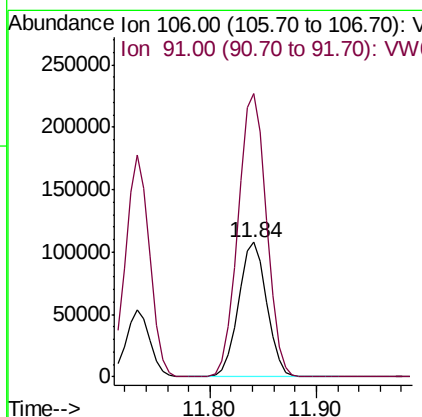
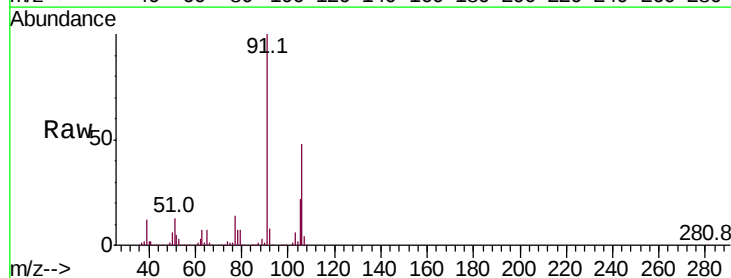
Manual Integrations
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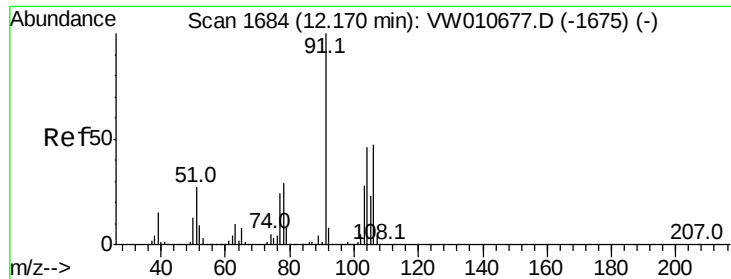
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#68
m/p-Xylenes
Concen: 41.183 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.7	166.5	249.7





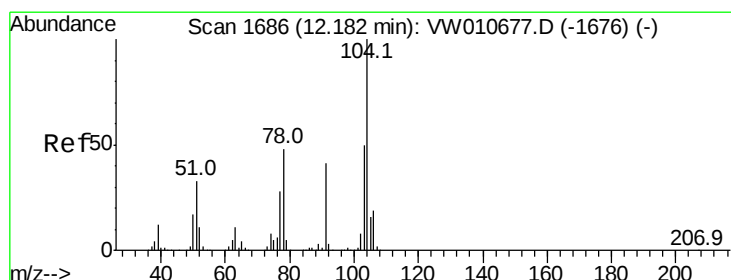
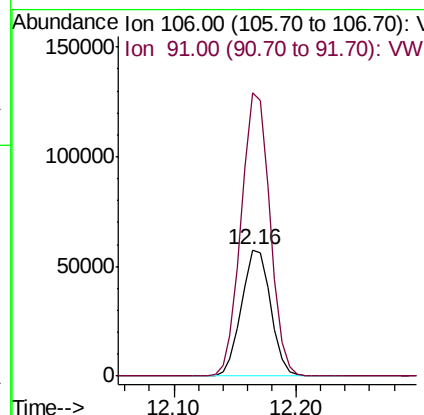
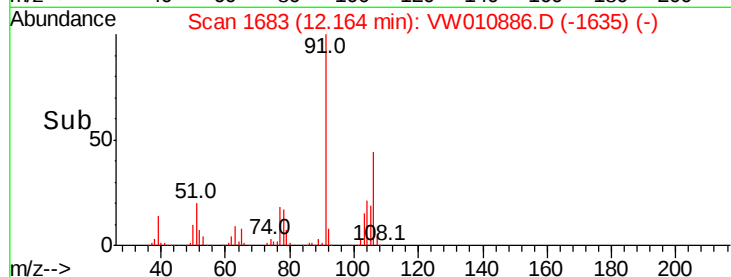
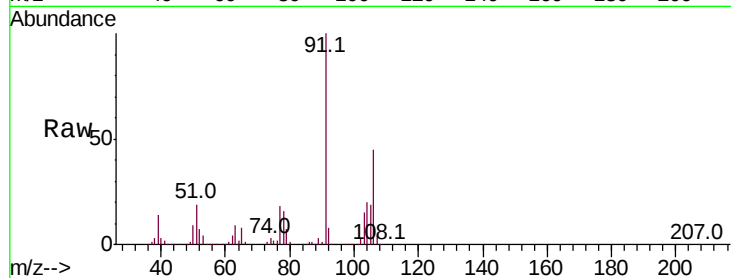
#69
o-Xylene
Concen: 20.461 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.9	108.9	326.6

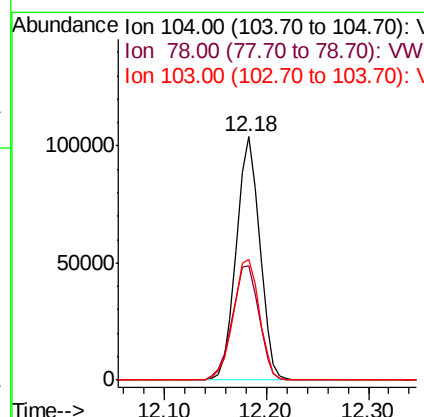
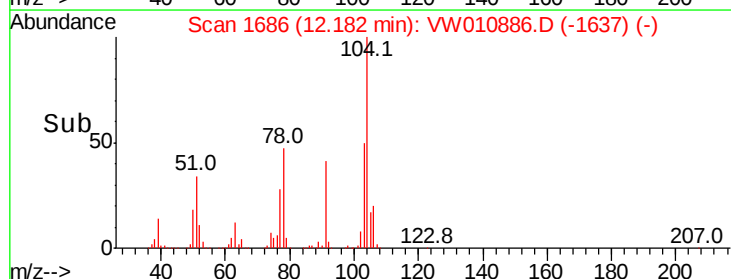
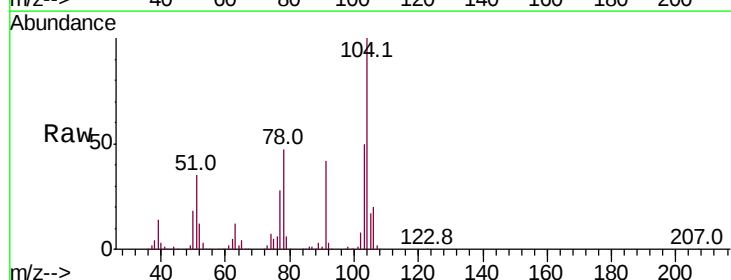
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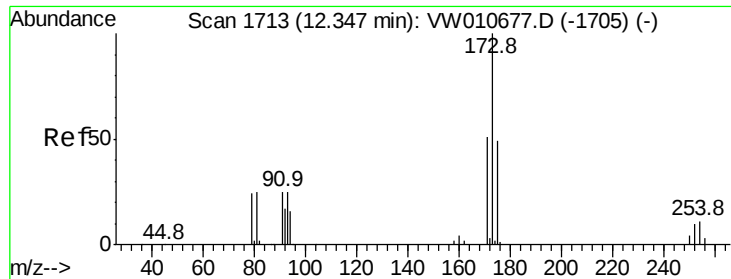
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#70
Styrene
Concen: 20.498 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.8	42.7	64.1
103	55.3	43.6	65.4





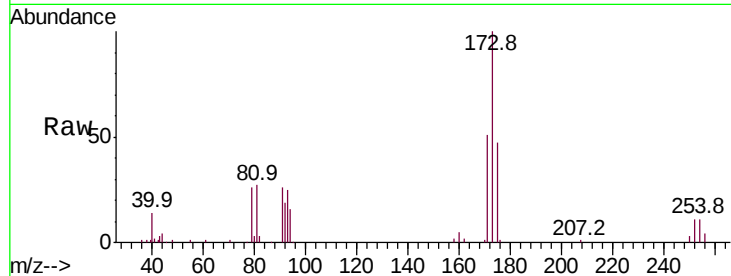
#71
Bromoform
Concen: 18.544 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBSD01

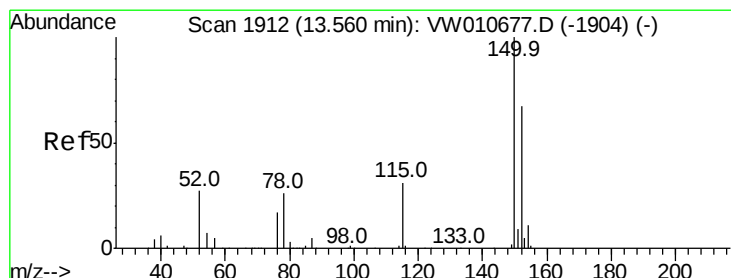
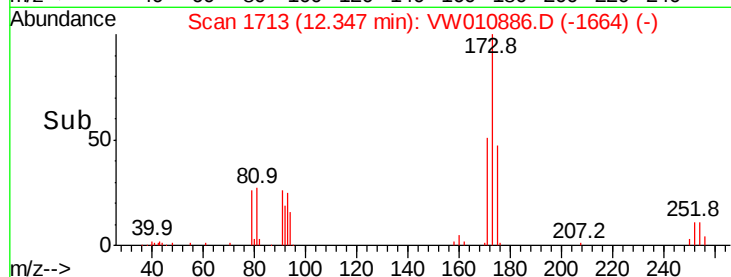
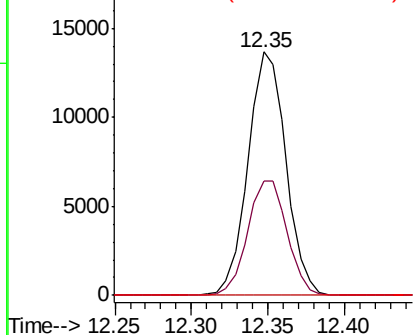
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.8
254	0.0	0.1	0.1#

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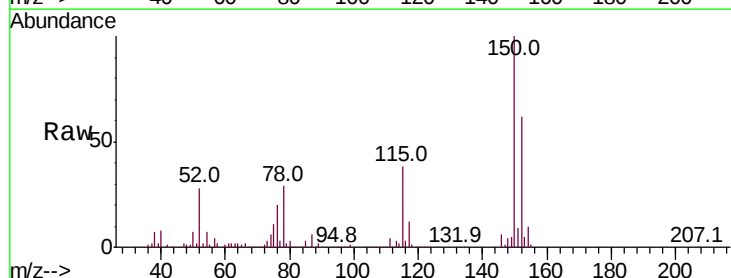


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

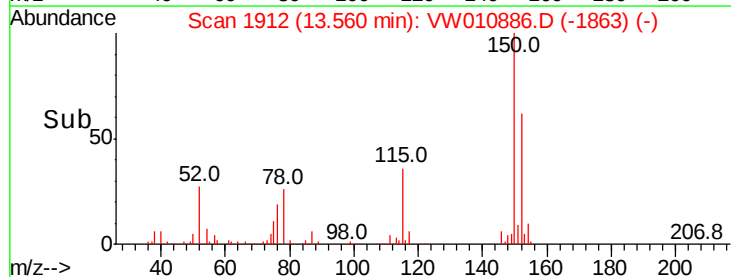
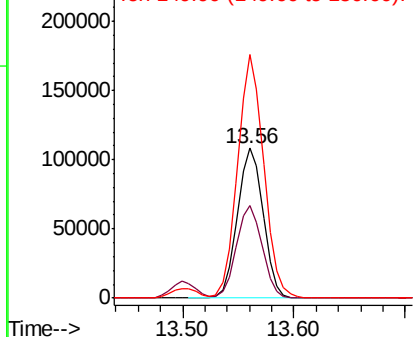


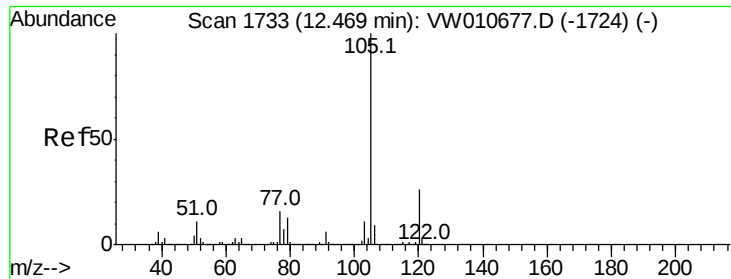
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	29.8	89.3
150	164.5	0.0	345.0



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





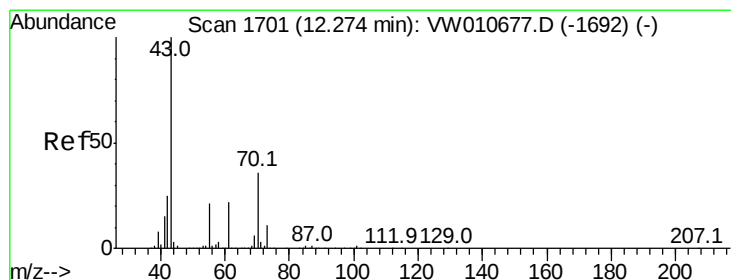
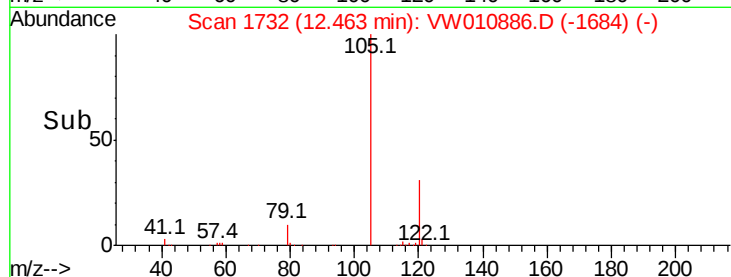
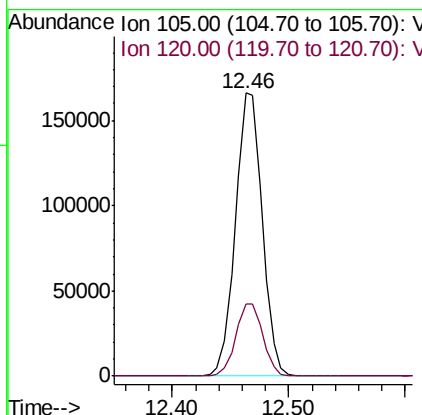
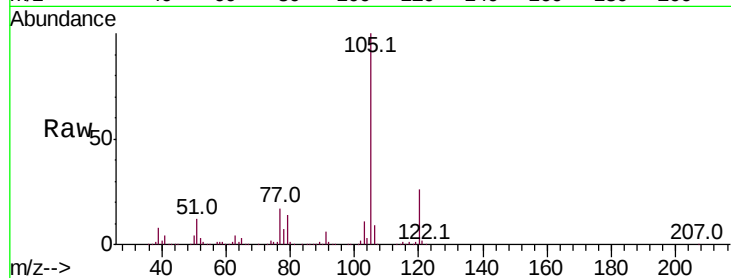
#73
Isopropylbenzene
Concen: 20.418 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.1	39.1

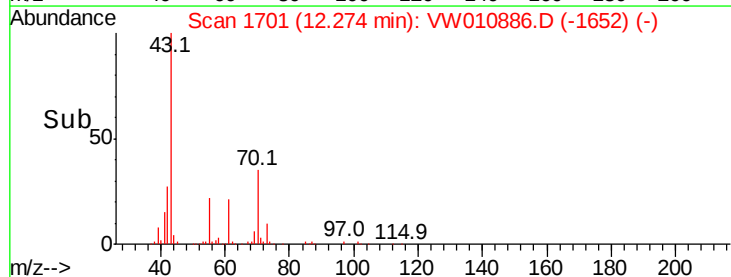
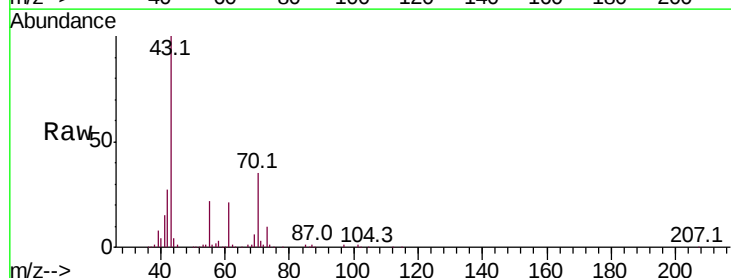
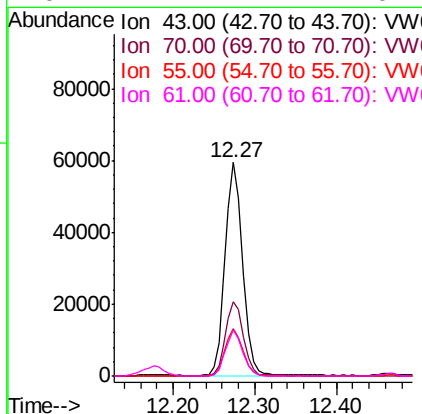
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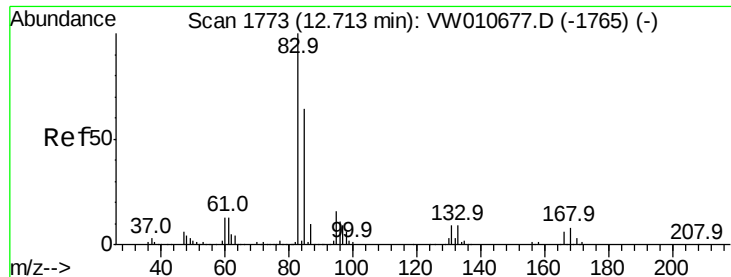
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#74
N-ethyl acetate
Concen: 21.076 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.0	29.2	43.8
55	22.7	17.5	26.3
61	21.1	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.670 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

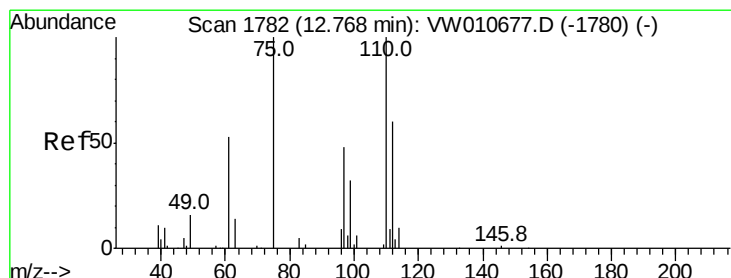
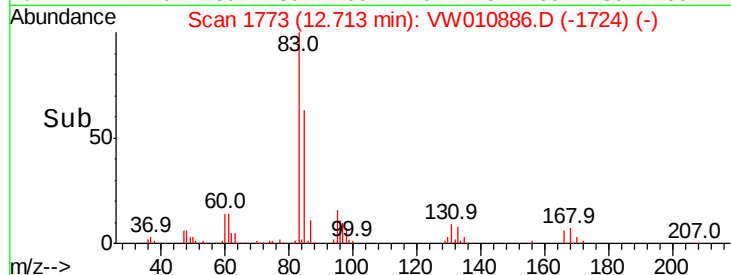
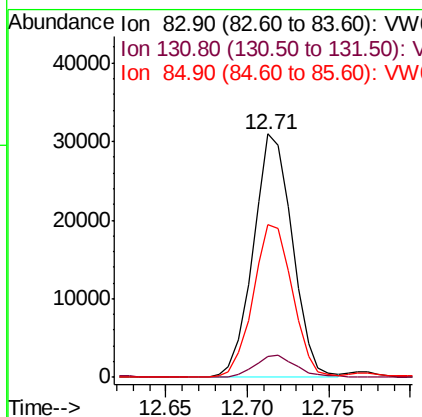
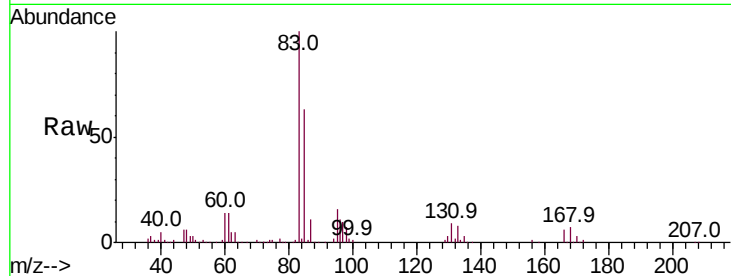
ClientSampleId :

VW0620SBSD01

Tot Ion:	83	Resp:	51347
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	63.4	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 20.634 ug/l m

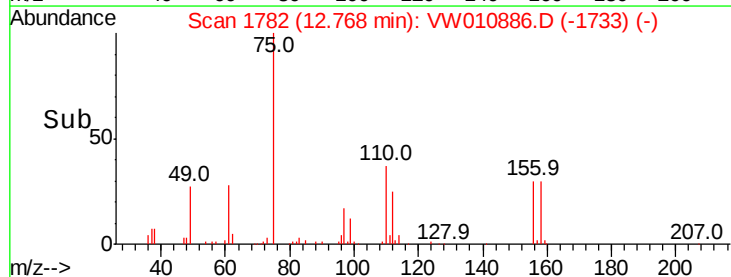
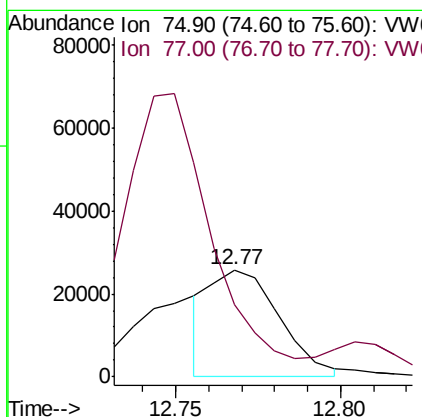
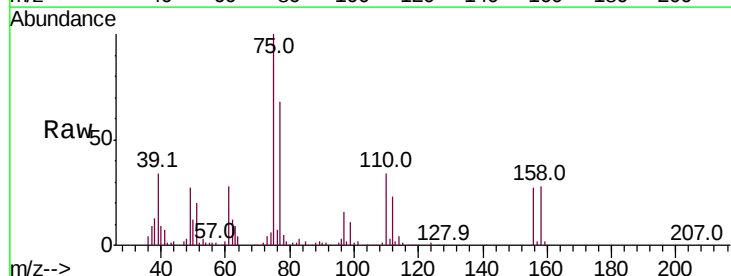
RT: 12.77 min Scan# 1782

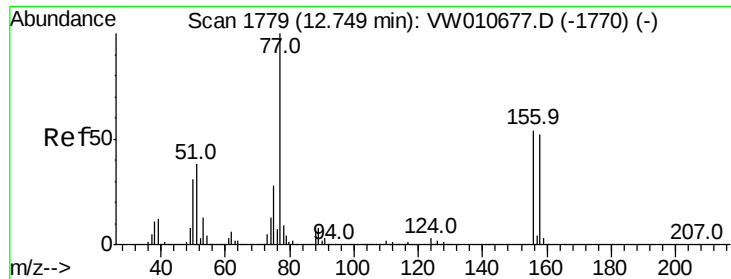
Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Tgt Ion:	75	Resp:	37626
Ion Ratio	Lower	Upper	
75	100		
77	339.5	0.0	0.0#





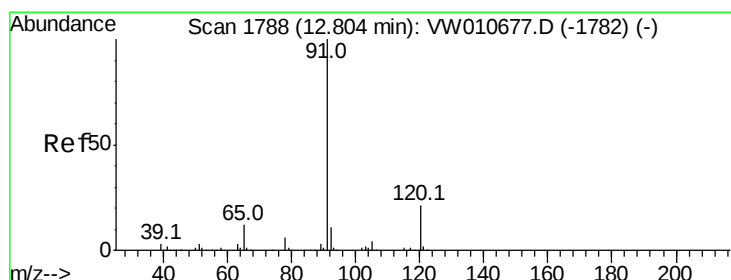
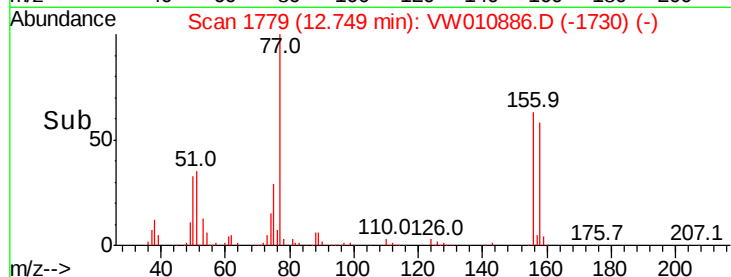
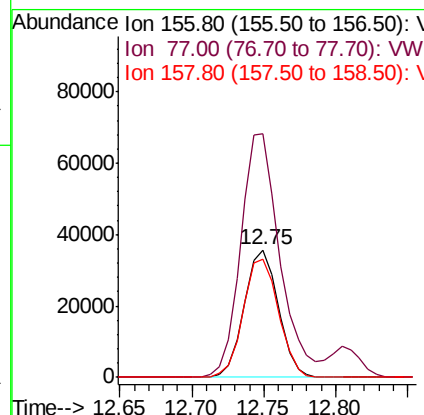
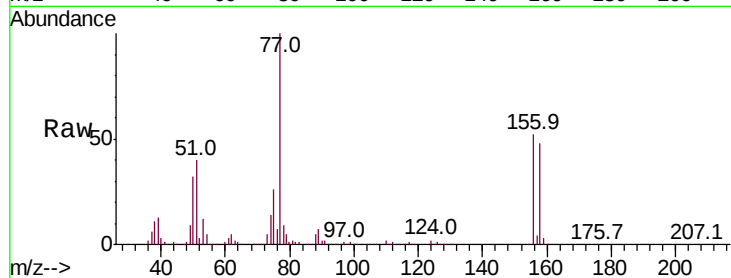
#77
Bromobenzene
Concen: 20.591 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	217.8	106.5	319.4
158	95.9	48.3	144.9

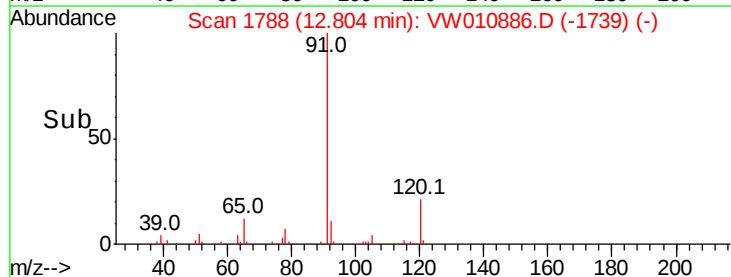
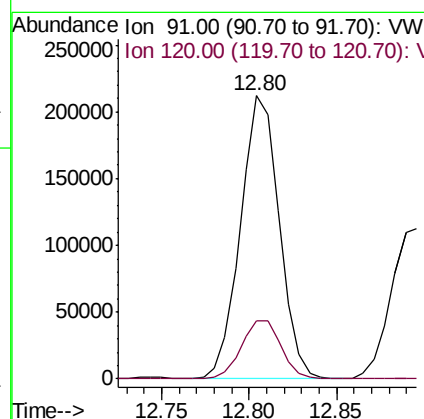
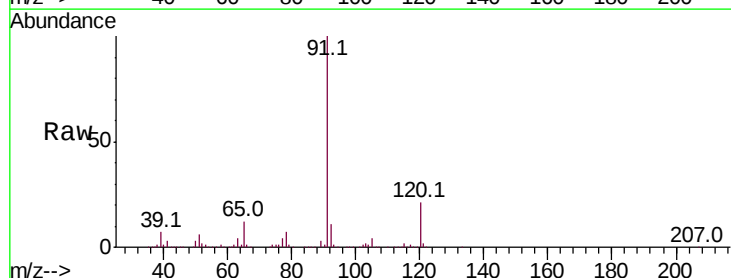
Manual Integrations
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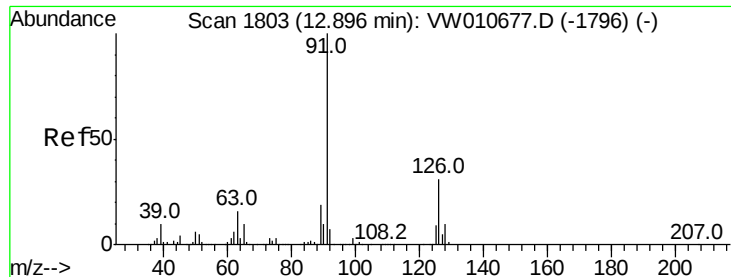
MMDadoda
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#78
n-propylbenzene
Concen: 20.741 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.3	10.8	32.4





#79

2-Chlorotoluene

Concen: 20.769 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBS01

Tot Ion: 91 Resp: 186694

Ion Ratio Lower Upper

91 100

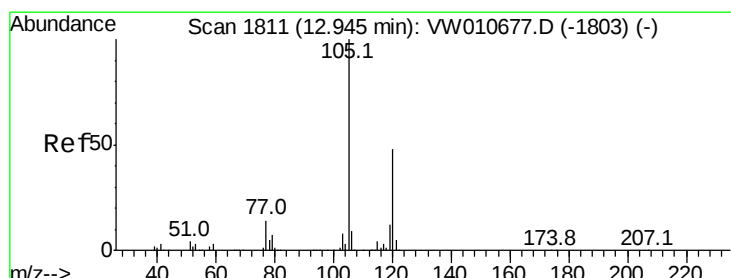
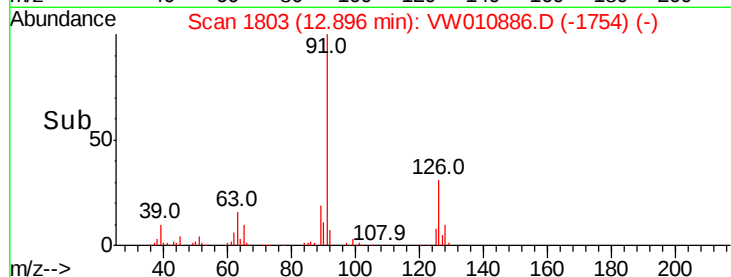
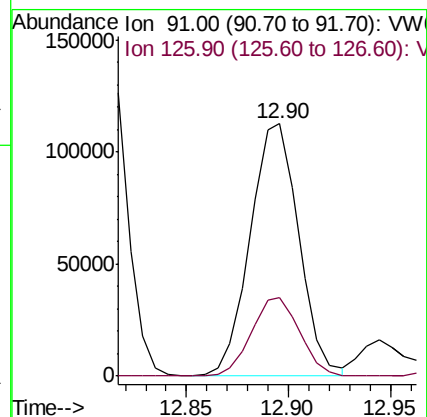
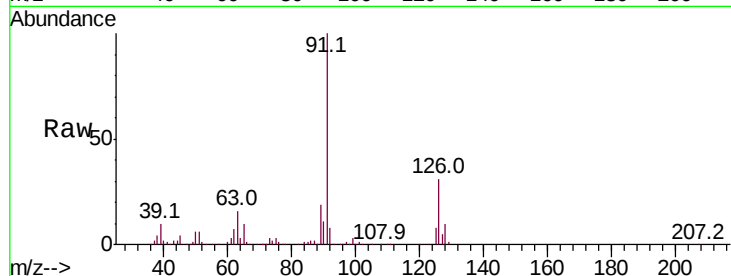
126 31.0 15.7 47.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.680 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010886.D

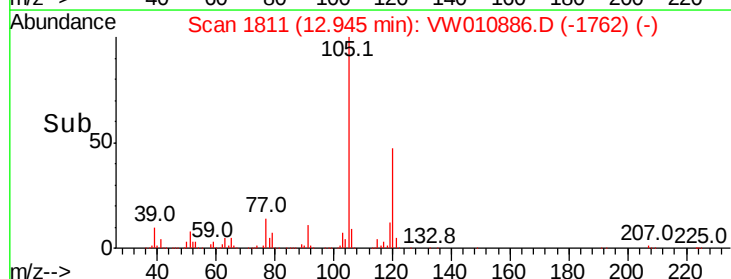
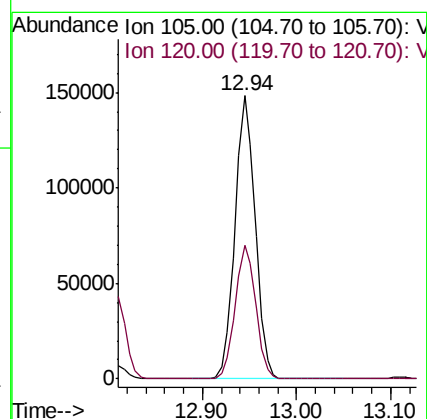
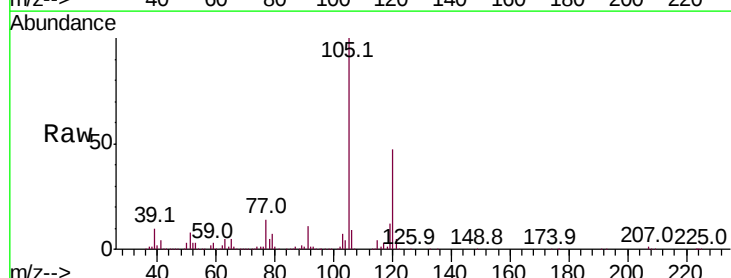
Acq: 20 Jun 2019 12:26

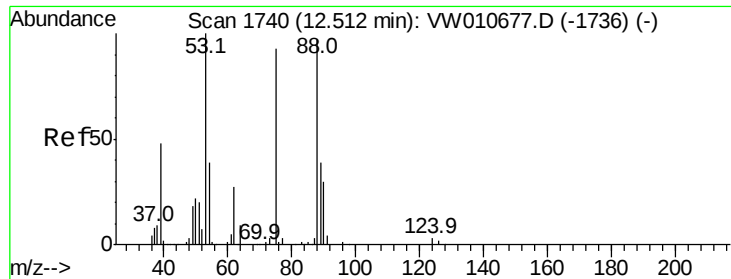
Tgt Ion:105 Resp: 220872

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.8





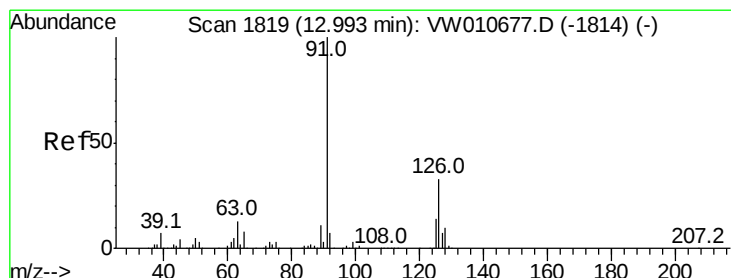
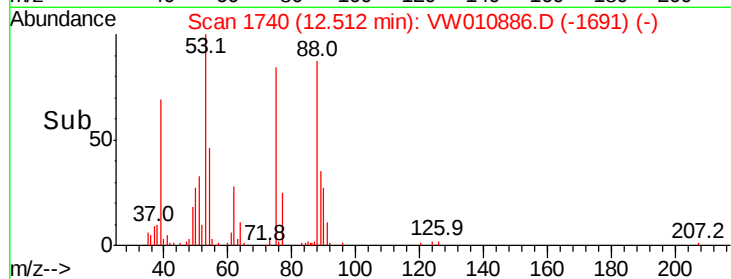
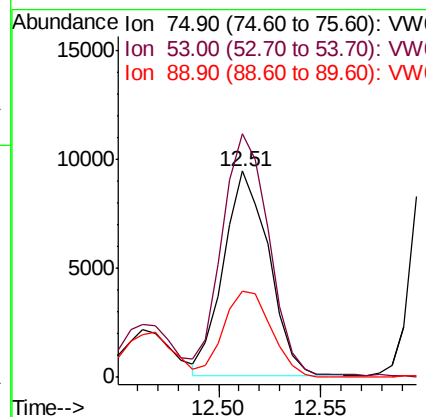
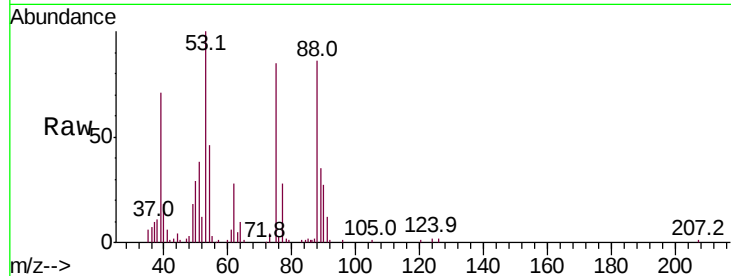
#81
trans-1,4-Dichloro-2-butene
Concen: 18.143 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	123.7	90.1	135.1
89	45.1	34.6	52.0

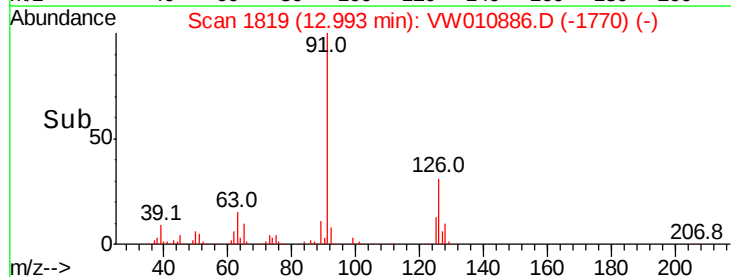
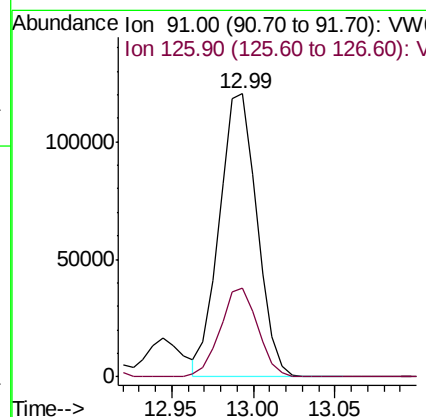
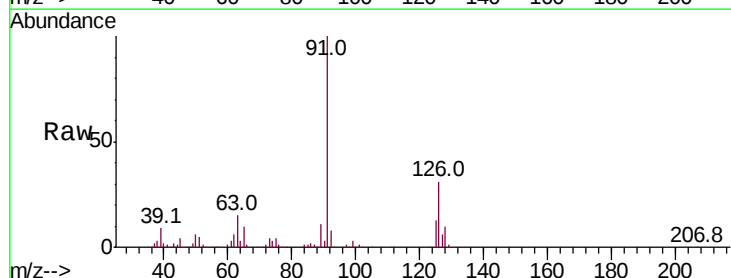
Manual Integrations
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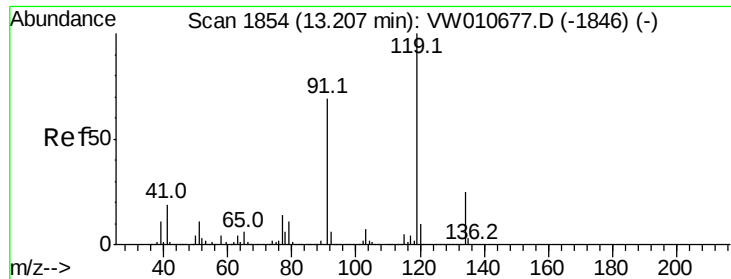
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.894 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.9	47.7





#83

tert-Butylbenzene

Concen: 20.648 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

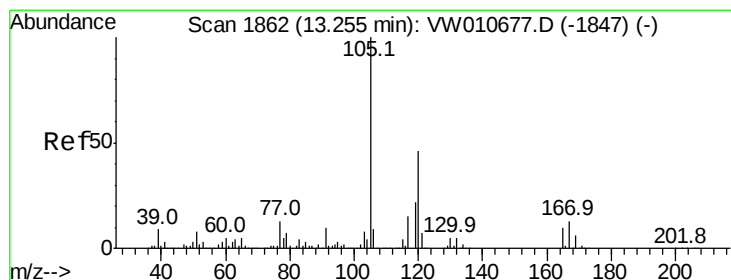
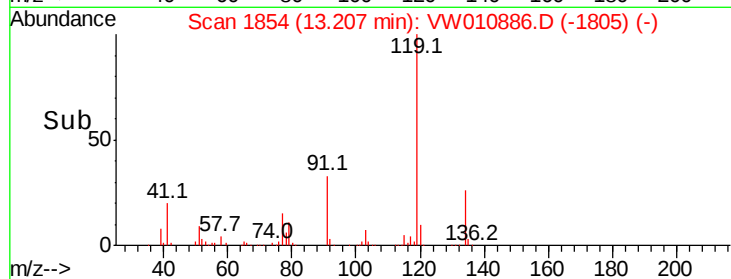
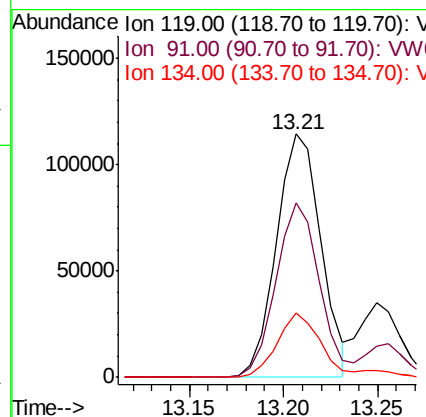
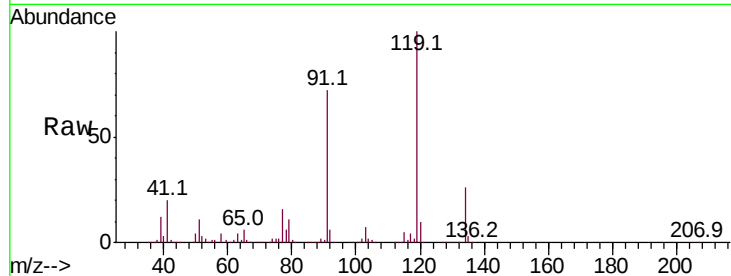
ClientSampleId :

VW0620SBSD01

Tot Ion:	119	Resp:	187163
Ion Ratio	Lower	Upper	
119	100		
91	70.6	35.1	105.3
134	25.3	13.6	40.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.492 ug/l

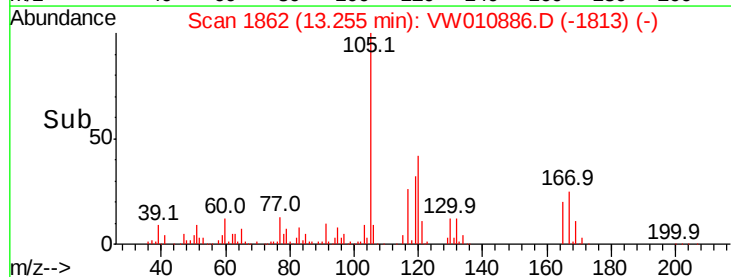
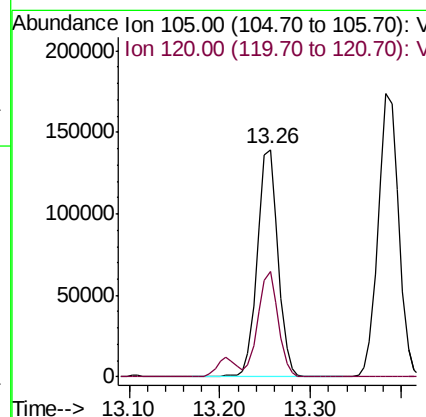
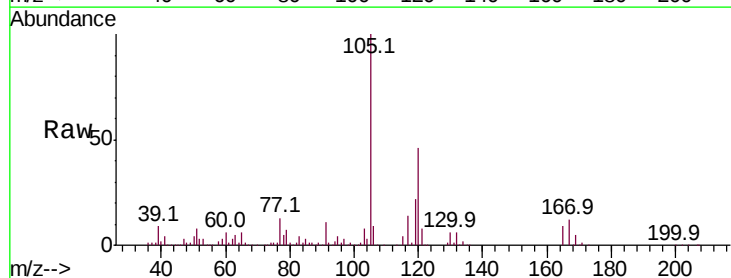
RT: 13.26 min Scan# 1862

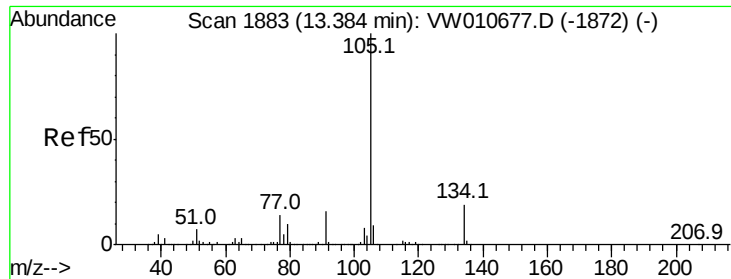
Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Tgt Ion:	105	Resp:	220244
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.5	67.5





#85

sec-Butylbenzene

Concen: 20.617 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBS01

Tot Ion:105 Resp: 272097

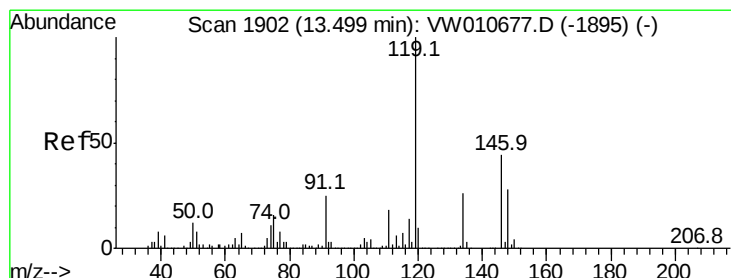
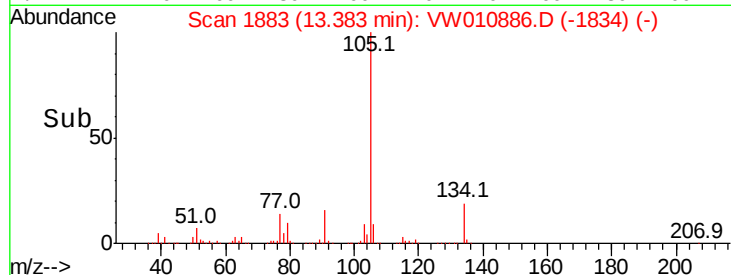
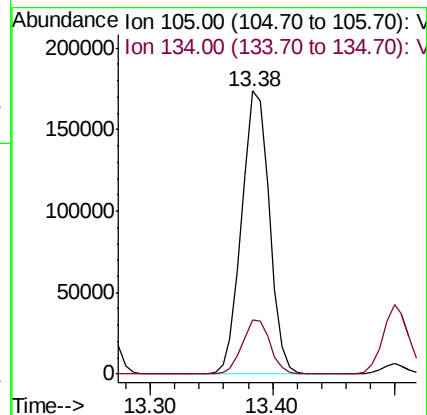
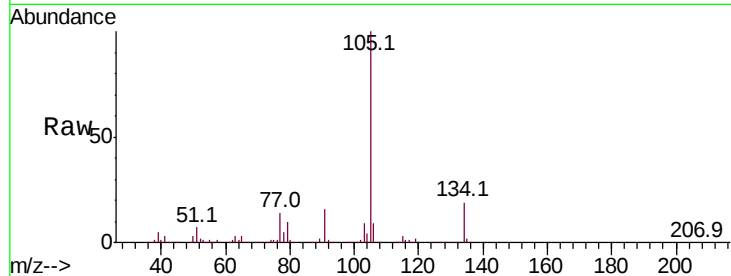
Ion Ratio Lower Upper

105 100

134 19.1 9.7 28.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.501 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

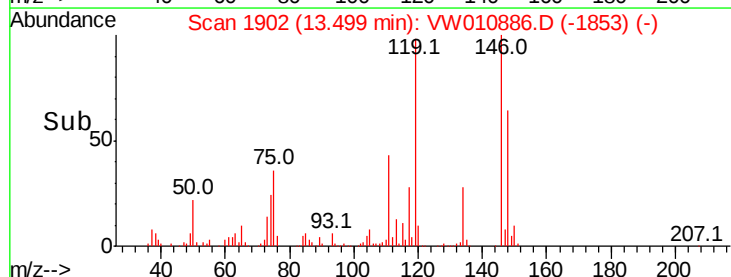
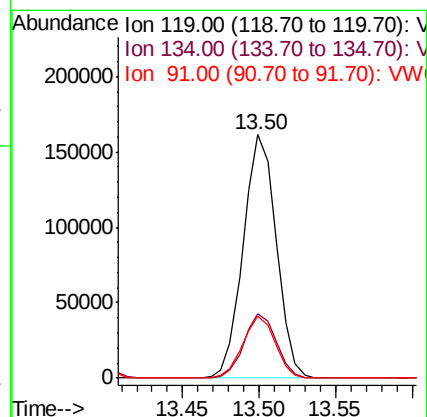
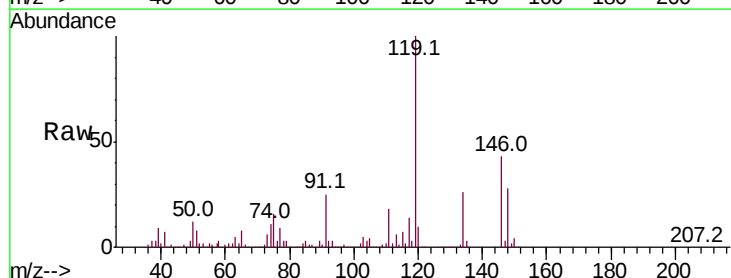
Tgt Ion:119 Resp: 241951

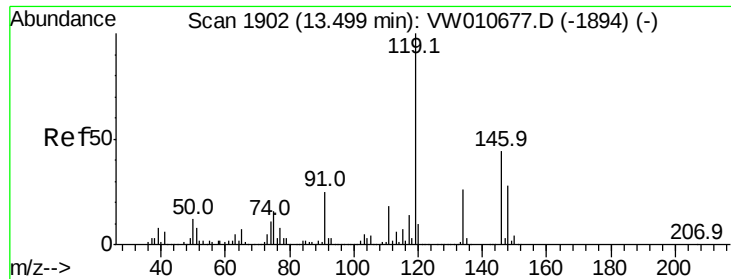
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 24.8 12.2 36.4





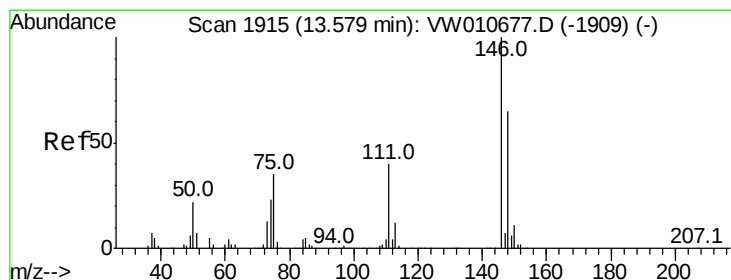
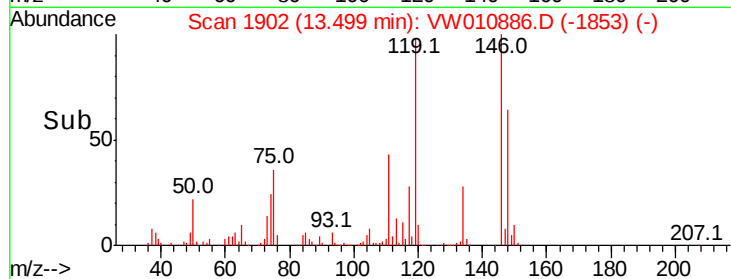
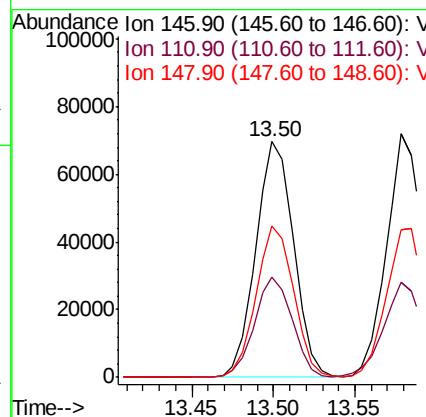
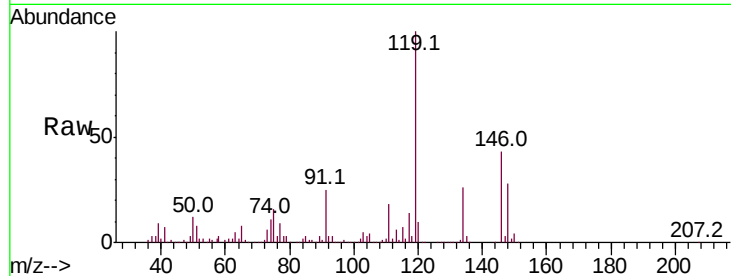
#87
1,3-Dichlorobenzene
Concen: 20.518 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.4	61.3
148	63.7	31.5	94.5

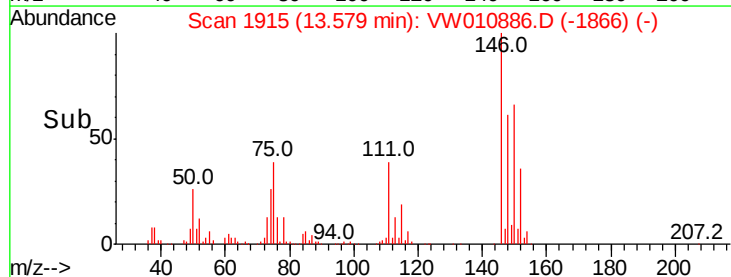
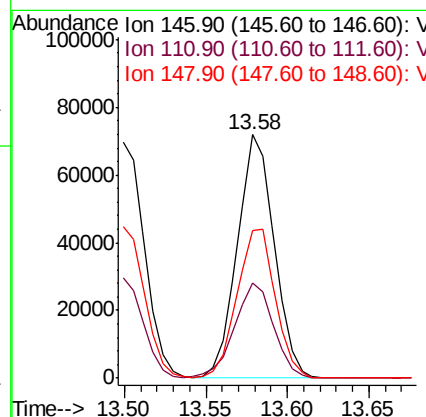
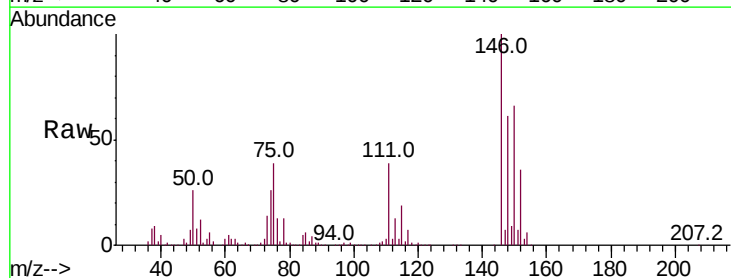
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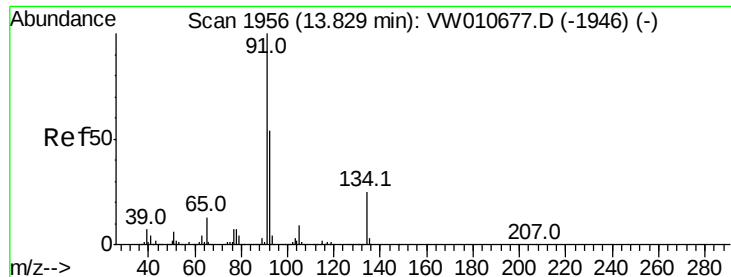
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#88
1,4-Dichlorobenzene
Concen: 20.817 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	60.9
148	63.5	32.4	97.2





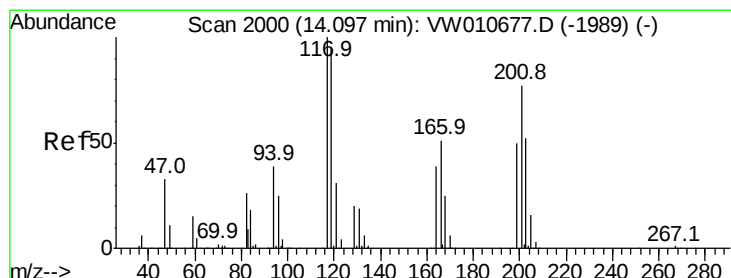
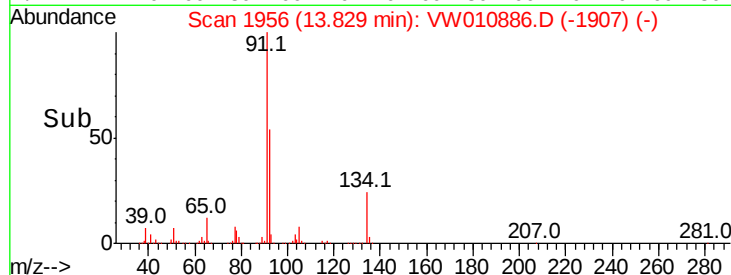
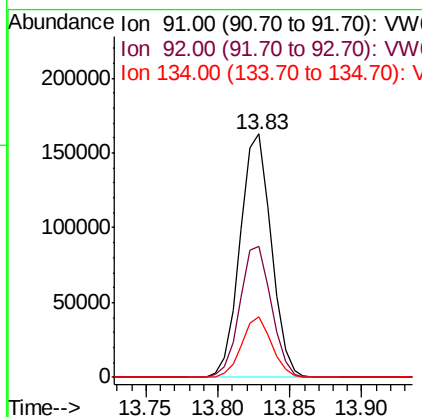
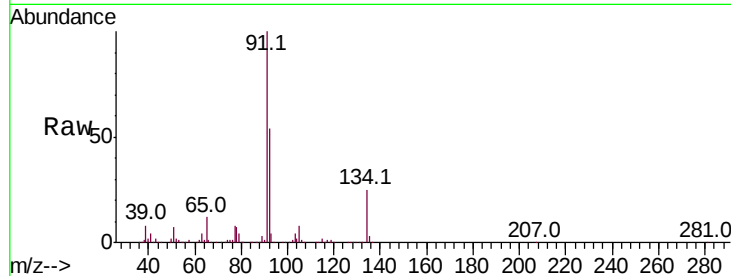
#89
n-Butylbenzene
Concen: 20.795 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.3	81.8
134	23.9	12.3	36.9

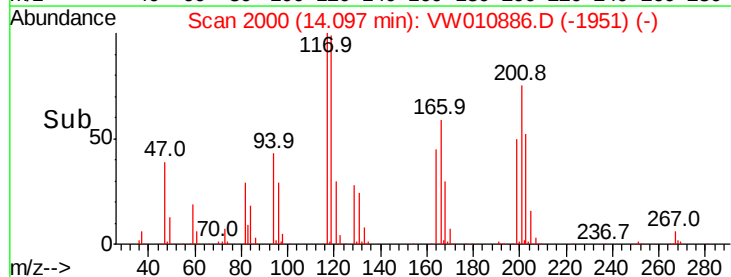
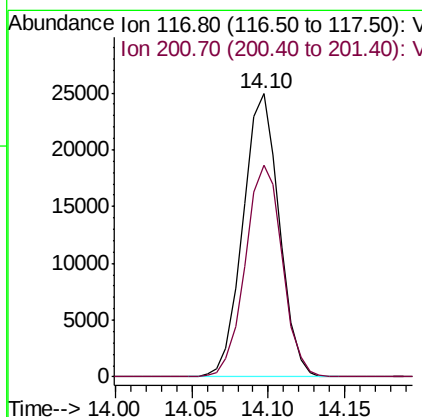
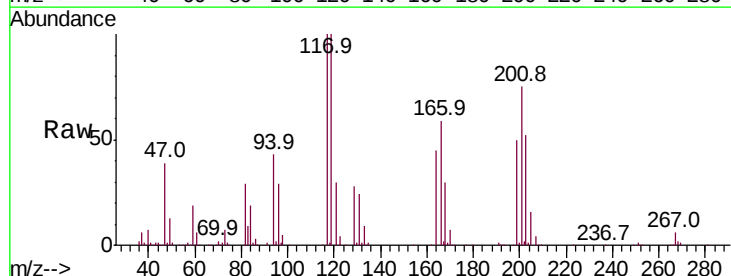
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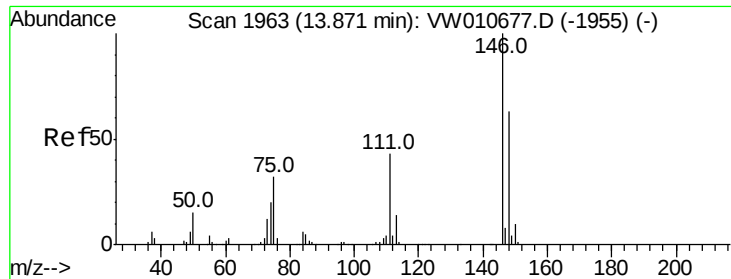
MMDadoda
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#90
Hexachloroethane
Concen: 19.394 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.6	38.8	116.4





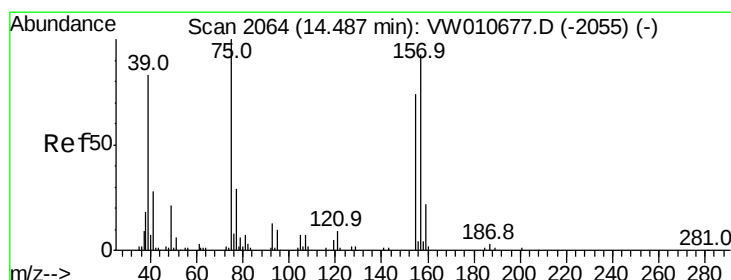
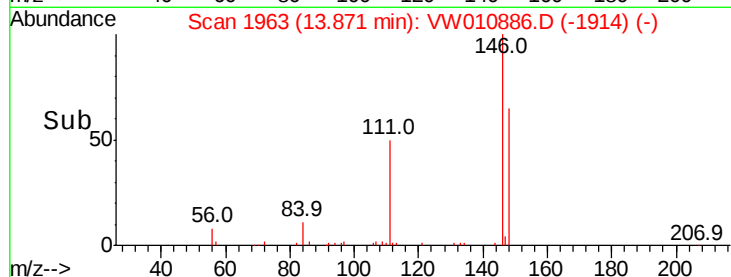
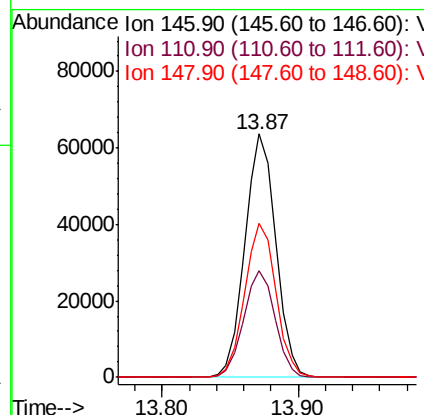
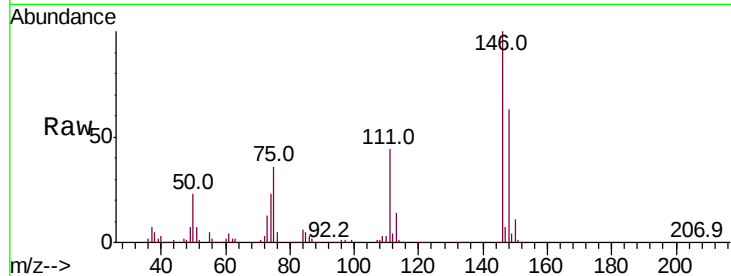
#91
1,2-Dichlorobenzene
Concen: 20.514 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.5	64.5
148	63.8	31.9	95.5

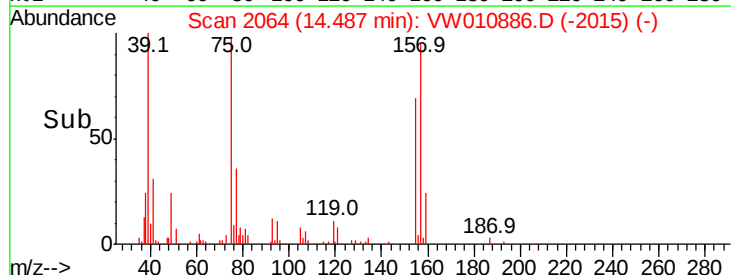
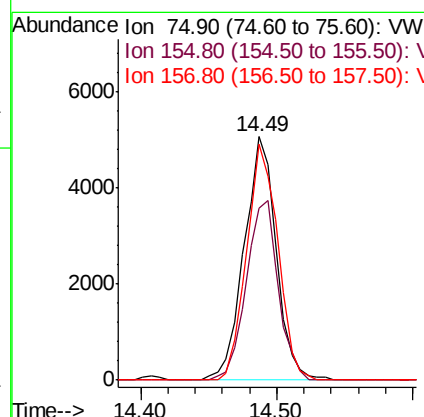
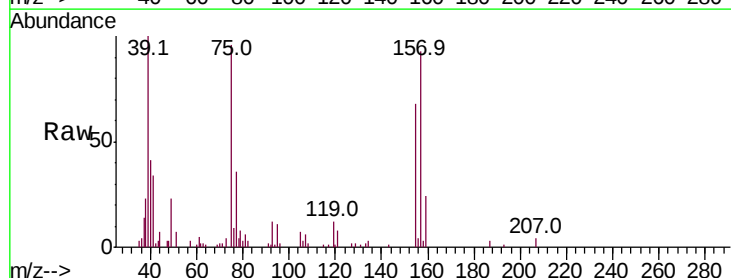
Manual Integrations
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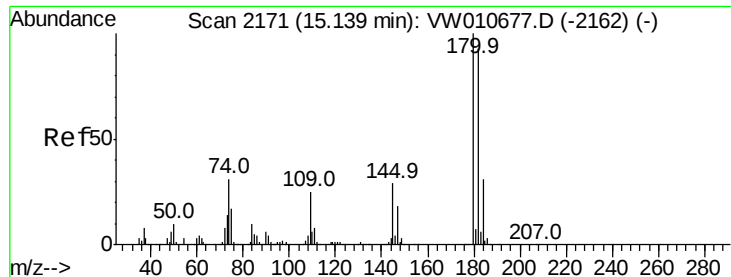
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 19.544 ug/l
RT: 14.49 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.4	38.8	116.4
157	94.8	48.4	145.0





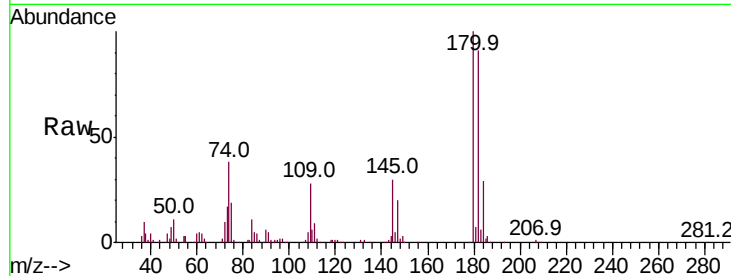
#93
 1,2,4-Trichlorobenzene
 Concen: 20.704 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.8	47.1	141.4	
145	30.3	15.2	45.5	

Manual Integrations
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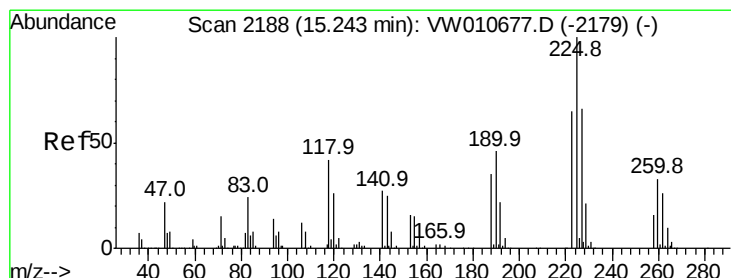
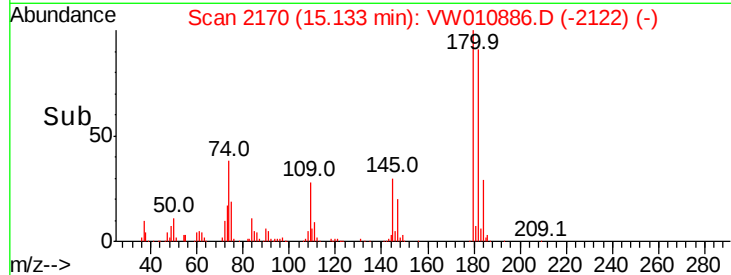
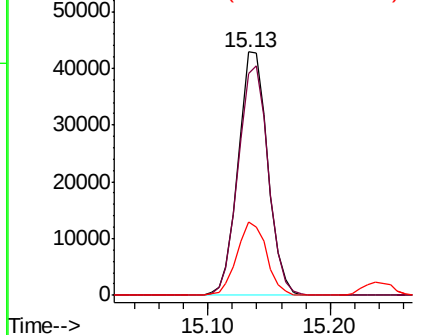


Abundance

Ion 179.80 (179.50 to 180.50): V

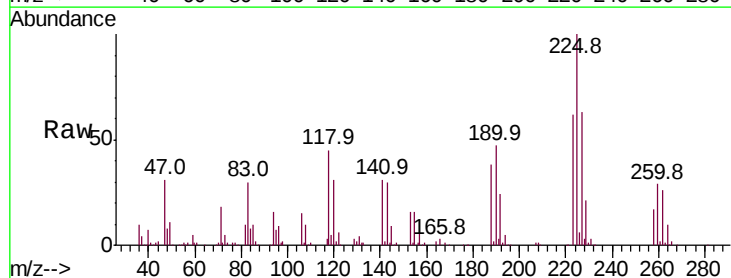
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.613 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	32.2	96.6	
227	64.4	32.0	96.0	

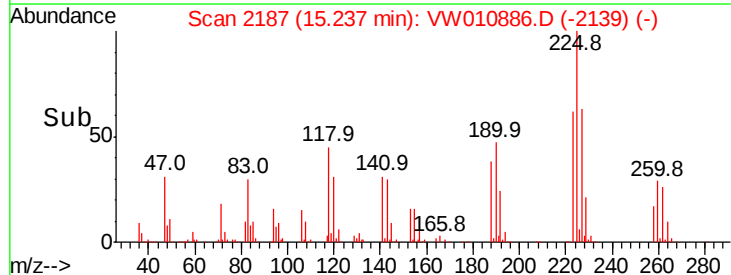
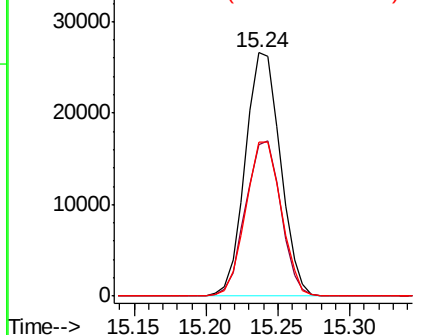


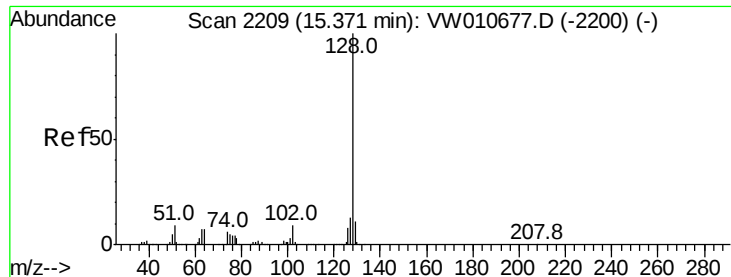
Abundance

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





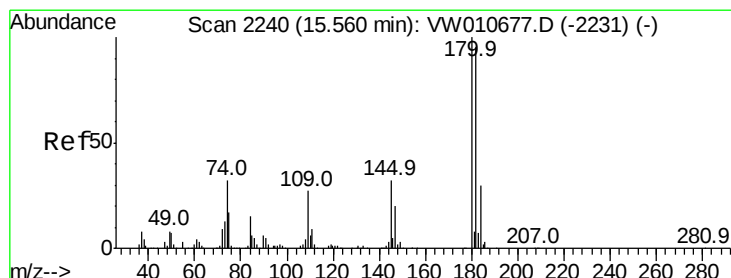
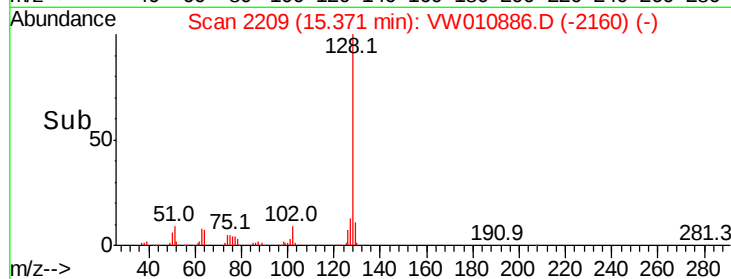
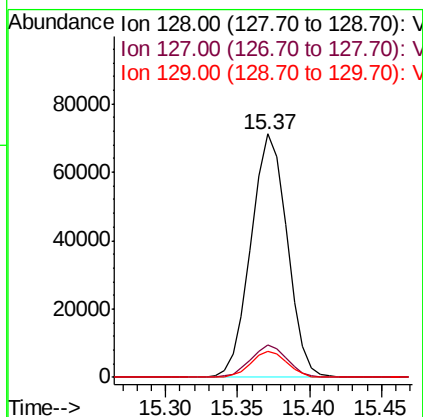
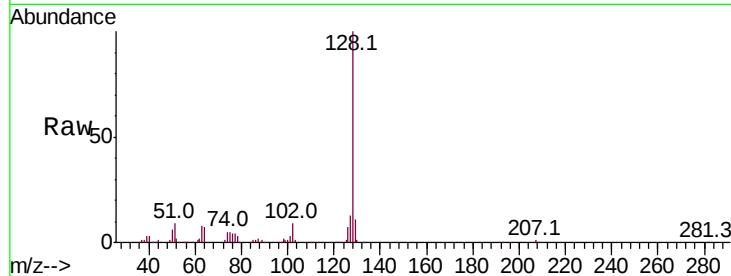
#95
Naphthalene
Concen: 19.667 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	123869		
127	13.3	10.6	15.8	
129	10.7	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.964 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	61802		
182	95.2	47.0	141.0	
145	32.1	16.1	48.3	

