

Data File : VW012686.D
Acq On : 06 Sep 2019 12:58
Operator : SY/VA
Sample : VW0906SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Manual Integrations
APPROVED

MMDadoda
9/9/2019 4:45:09 AM

Quant Time: Sep 07 05:28:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	150687	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136455	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	7.88	113	106936	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.32	98	414471	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.62	95	148965	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	37029	25.942	ug/l	95
3) Chloromethane	2.20	50	43595	19.714	ug/l	96
4) Vinyl Chloride	2.36	62	48152	17.790	ug/l	93
5) Bromomethane	2.77	94	26412	19.268	ug/l	92
6) Chloroethane	2.90	64	27112	17.756	ug/l	99
7) Trichlorofluoromethane	3.24	101	34301	25.238	ug/l	92
8) Diethyl Ether	3.67	74	28839	22.355	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53182	23.021	ug/l	97
10) Methyl Iodide	4.26	142	65478	20.948	ug/l	98
11) Tert butyl alcohol	5.20	59	17680	106.611	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	49813	21.423	ug/l	96
13) Acrolein	3.89	56	9600	61.497	ug/l	100
14) Allyl chloride	4.66	41	102908	20.702	ug/l	98
15) Acrylonitrile	5.37	53	68637	107.342	ug/l	98
16) Acetone	4.14	43	67525	95.860	ug/l	95
17) Carbon Disulfide	4.37	76	109732	15.615	ug/l	99
18) Methyl Acetate	4.67	43	35136	20.139	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	90109	23.964	ug/l	97
20) Methylene Chloride	4.91	84	62055	23.303	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	52567	21.082	ug/l	96
22) Diisopropyl ether	6.31	45	200207	21.728	ug/l	99
23) Vinyl Acetate	6.25	43	602826	106.309	ug/l	99
24) 1,1-Dichloroethane	6.21	63	111996	22.324	ug/l	99
25) 2-Butanone	7.17	43	96805	101.131	ug/l	97
26) 2,2-Dichloropropane	7.16	77	68558	24.143	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59431	22.309	ug/l	99
28) Bromochloromethane	7.51	49	38457	17.587	ug/l	91
29) Tetrahydrofuran	7.53	42	57866	100.761	ug/l	96
30) Chloroform	7.67	83	108393	23.615	ug/l	99
31) Cyclohexane	7.95	56	95700	19.280	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	84103	23.162	ug/l	99
36) 1,1-Dichloropropene	8.08	75	80415	21.946	ug/l	98
37) Ethyl Acetate	7.25	43	43652	21.740	ug/l	99
38) Carbon Tetrachloride	8.06	117	77782	24.526	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	90520	21.990	ug/l	97
40) Benzene	8.32	78	222970	22.285	ug/l	100
41) Methacrylonitrile	7.48	41	26533	22.483	ug/l	94
42) 1,2-Dichloroethane	8.40	62	75914	24.209	ug/l	98
43) Isopropyl Acetate	8.43	43	81840	22.004	ug/l	99
44) Trichloroethene	9.09	130	55665	22.886	ug/l	99
45) 1,2-Dichloropropane	9.37	63	59237	21.999	ug/l	97
46) Dibromomethane	9.46	93	27492	22.947	ug/l	96
47) Bromodichloromethane	9.64	83	76894	24.116	ug/l	98
48) Methyl methacrylate	9.43	41	38271	21.620	ug/l	95
49) 1,4-Dioxane	9.47	88	7700	419.825	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	208825	110.389	ug/l	99
52) Toluene	10.38	92	134736	22.416	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	74641	22.981	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	87163	22.226	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	39363	23.222	ug/l	98
56) Ethyl methacrylate	10.65	69	54433	22.064	ug/l	99
57) 1,3-Dichloropropane	10.93	76	74840	23.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	133140	105.153	ug/l	100
59) 2-Hexanone	10.97	43	145272	108.532	ug/l	99
60) Dibromochloromethane	11.13	129	43081	22.818	ug/l	99
61) 1,2-Dibromoethane	11.23	107	36401	23.050	ug/l	97
64) Tetrachloroethene	10.86	164	46803	23.398	ug/l	98
65) Chlorobenzene	11.66	112	140116	23.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	51987	24.529	ug/l	99
67) Ethyl Benzene	11.73	91	271508	23.200	ug/l	97
68) m/p-Xylenes	11.84	106	195041	46.266	ug/l	100
69) o-Xylene	12.16	106	91844	23.540	ug/l	100
70) Styrene	12.18	104	161353	23.892	ug/l	100
71) Bromoform	12.35	173	25556	24.201	ug/l #	99
73) Isopropylbenzene	12.46	105	261711	23.178	ug/l	99
74) N-amyl acetate	12.27	43	72430	21.232	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	45478	21.970	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30873m	21.037	ug/l	
77) Bromobenzene	12.74	156	57908	23.706	ug/l	93
78) n-propylbenzene	12.80	91	317771	23.053	ug/l	99
79) 2-Chlorotoluene	12.89	91	183736	23.478	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	225323	23.882	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14863	22.205	ug/l	97
82) 4-Chlorotoluene	12.99	91	172215	21.016	ug/l	99
83) tert-Butylbenzene	13.21	119	192646	24.104	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	225518	23.795	ug/l	99
85) sec-Butylbenzene	13.38	105	269776	23.561	ug/l	100
86) p-Isopropyltoluene	13.50	119	242861	23.750	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113714	23.800	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112222	23.655	ug/l	98
89) n-Butylbenzene	13.82	91	238965	23.500	ug/l	99
90) Hexachloroethane	14.09	117	42499	23.689	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	101362	24.183	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7682	22.013	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090619\
Quantitation Report (QT Reviewed)

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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)
93) 1,2,4-Trichlorobenzene	15.13	180	70829	24.453	ug/l	98
94) Hexachlorobutadiene	15.24	225	49925	26.103	ug/l	97
95) Naphthalene	15.36	128	114448	22.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	62284	24.646	ug/l	100

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

Data File : VW012686.D

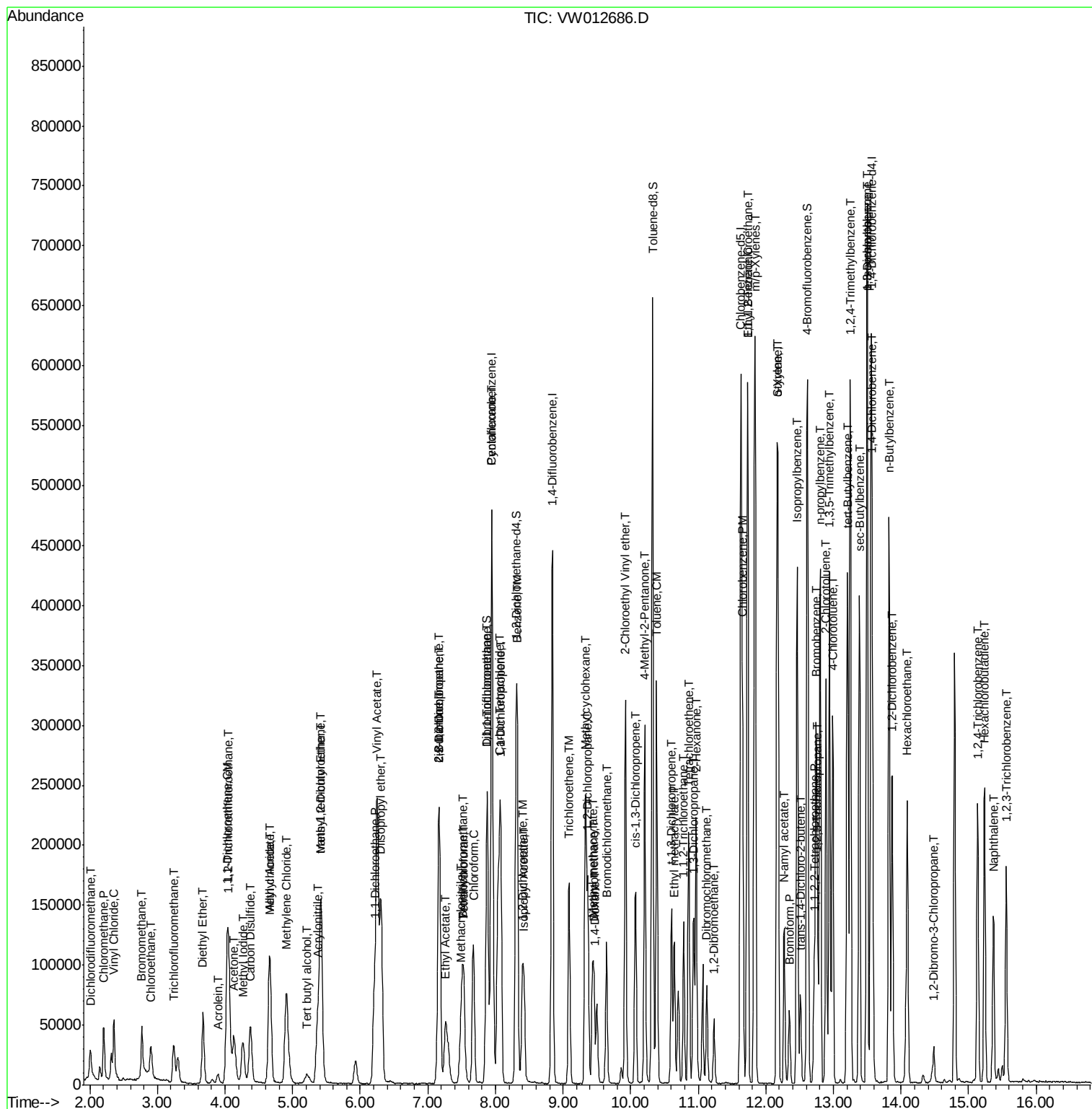
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Acq On       : 06 Sep 2019   12:58
Operator     : SY/VA
Sample       : VW0906SBS02
Misc         : 5.00G/5ML/MSV0A_W/SOIL
ALS Vial     : 6      Sample Multiplier: 1
```

Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tgt Ion: 168 Resp: 231814

Ion Ratio Lower Upper

168 100

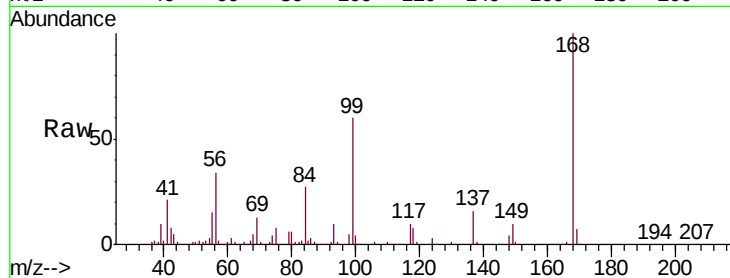
99 60.2 49.2 73.8

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

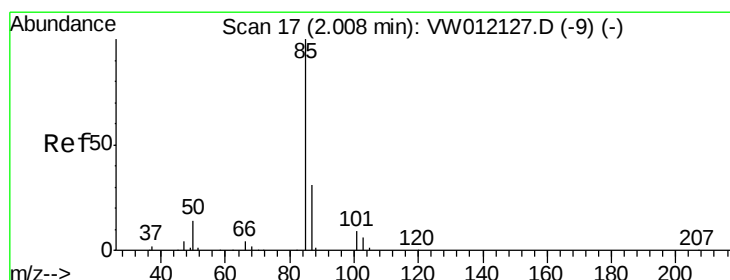
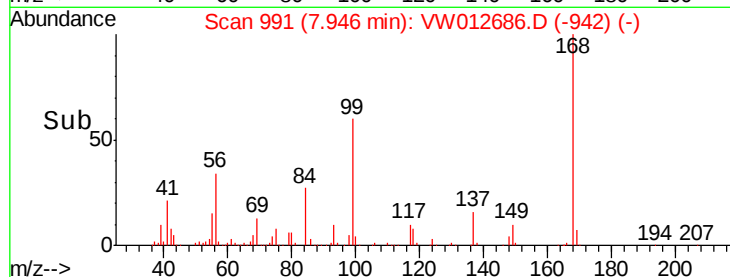
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 25.942 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012686.D

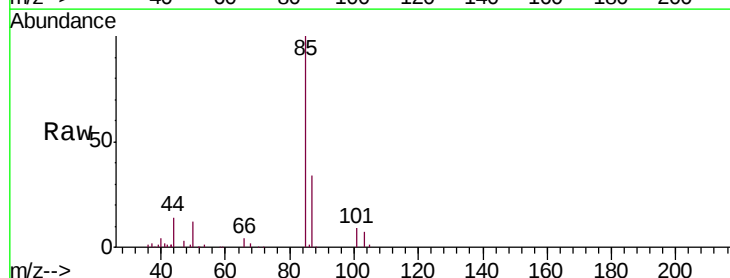
Acq: 06 Sep 2019 12:58

Tgt Ion: 85 Resp: 37029

Ion Ratio Lower Upper

85 100

87 33.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

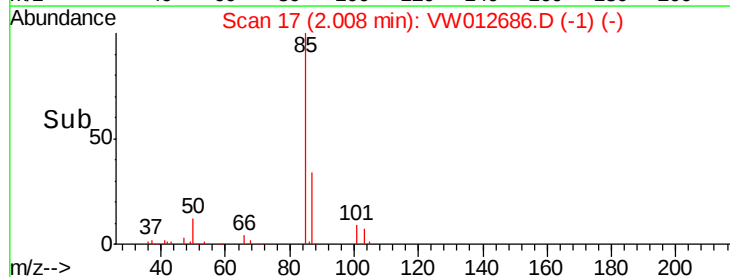
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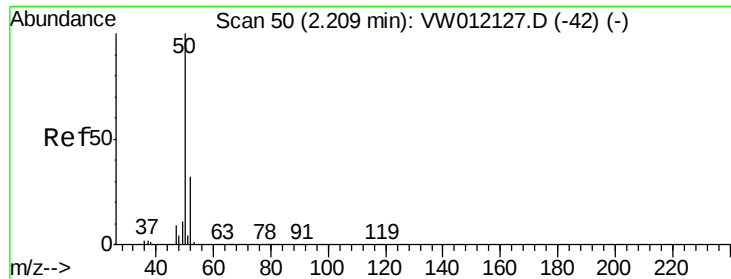
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 19.714 ug/l

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

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ClientSampleId :

VW0906SBS02

Tgt Ion: 50 Resp: 43595

Ion Ratio Lower Upper

50 100

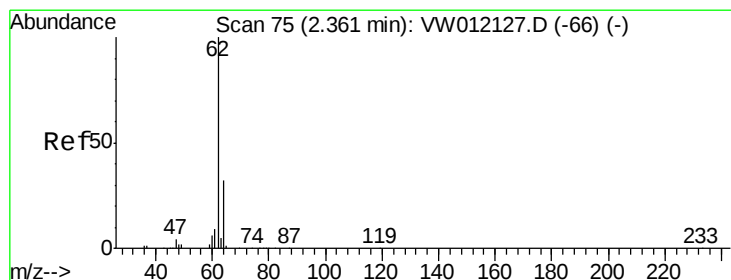
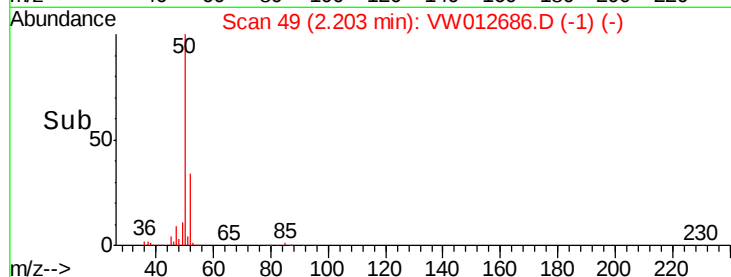
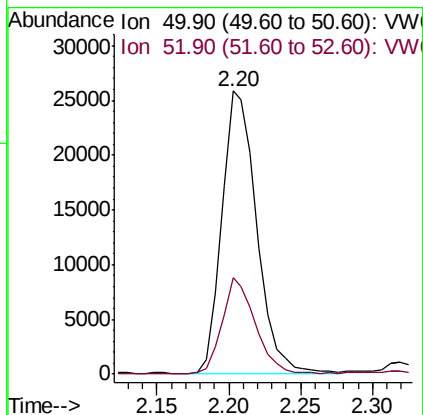
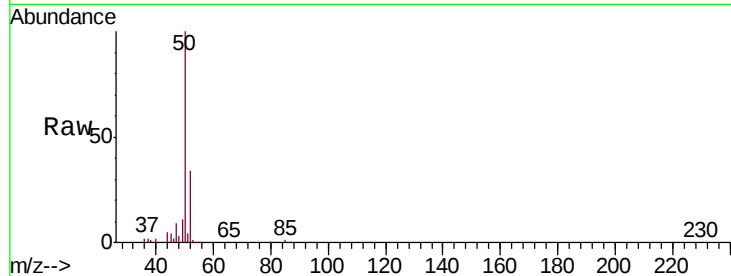
52 33.9 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.790 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012686.D

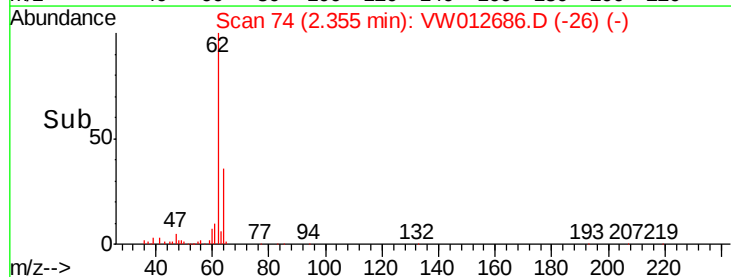
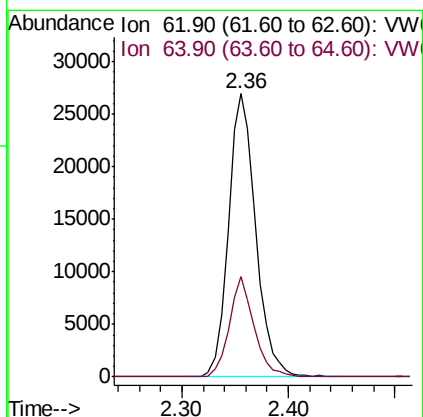
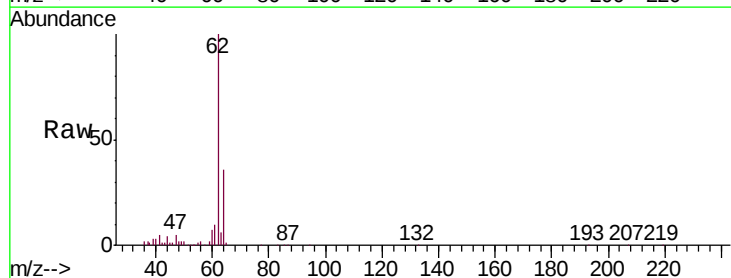
Acq: 06 Sep 2019 12:58

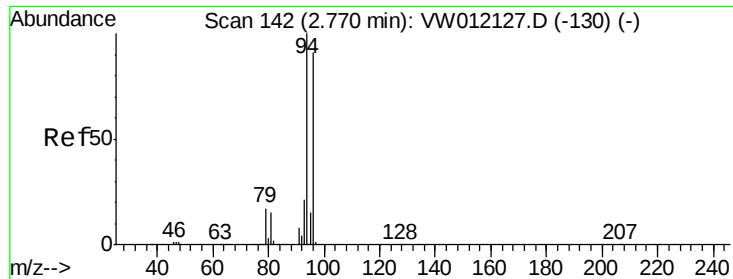
Tgt Ion: 62 Resp: 48152

Ion Ratio Lower Upper

62 100

64 35.5 25.3 37.9





#5

Bromomethane

Concen: 19.268 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

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ClientSampleId :

VW0906SBS02

Tgt Ion: 94 Resp: 26412

Ion Ratio Lower Upper

94 100

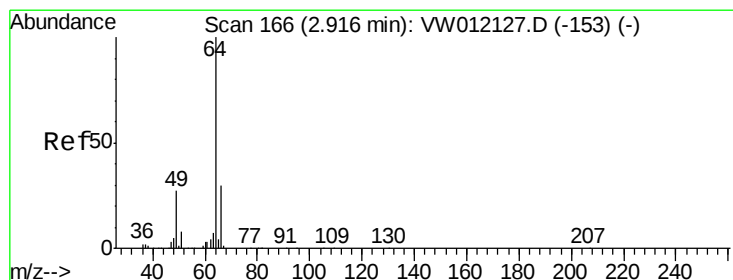
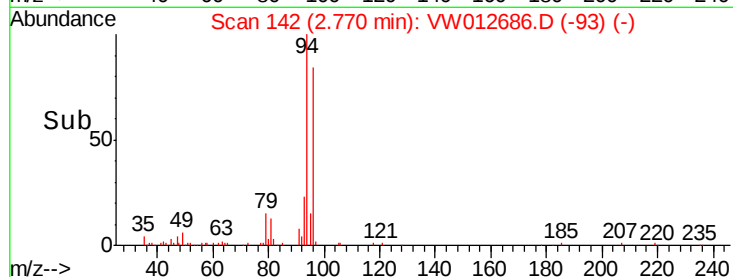
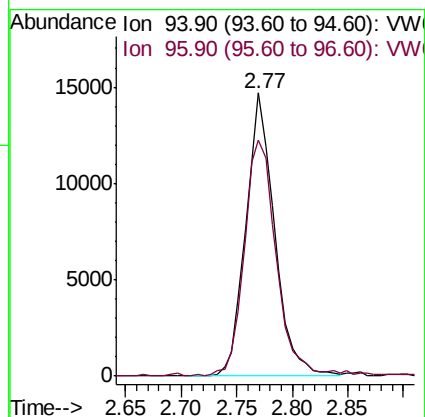
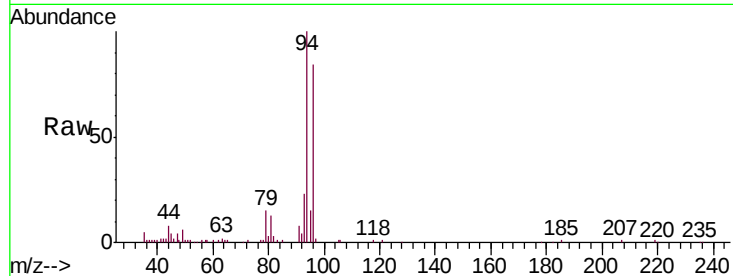
96 83.2 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 17.756 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012686.D

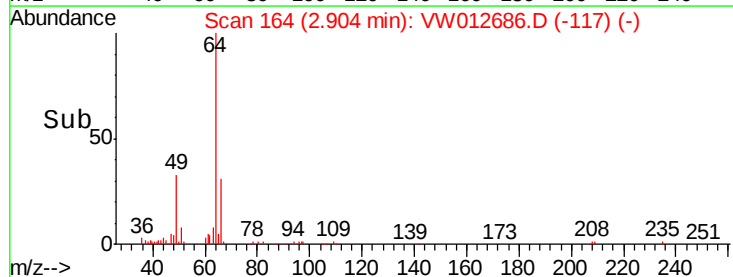
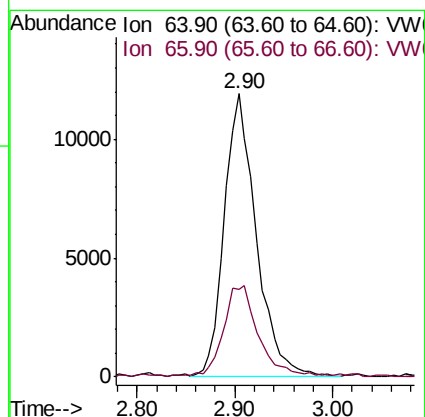
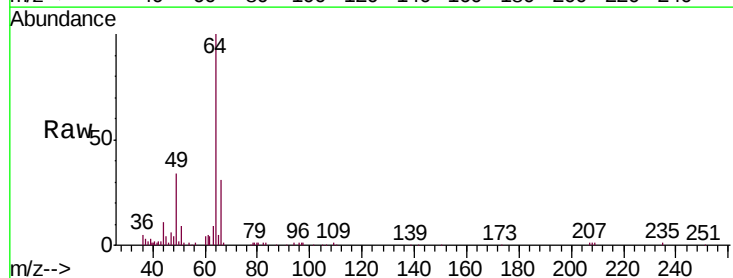
Acq: 06 Sep 2019 12:58

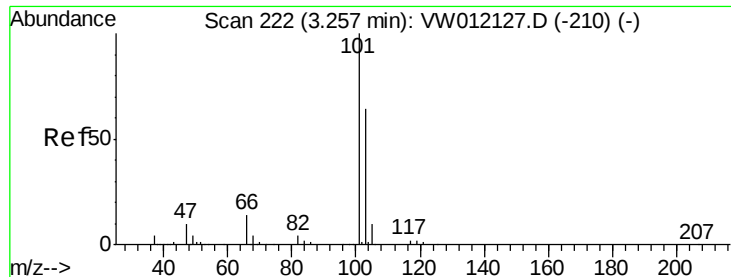
Tgt Ion: 64 Resp: 27112

Ion Ratio Lower Upper

64 100

66 30.5 23.8 35.8





#7

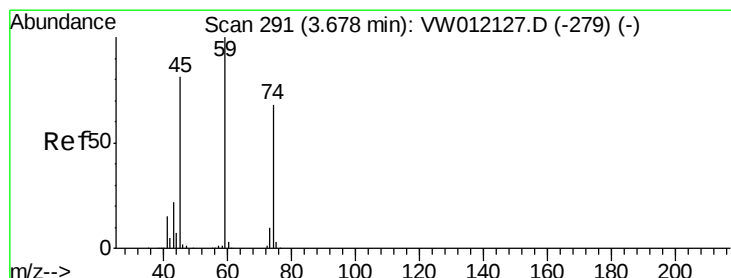
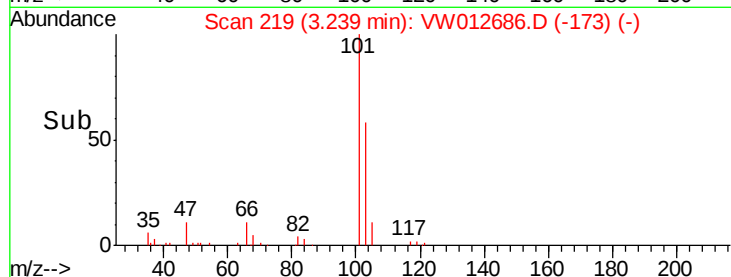
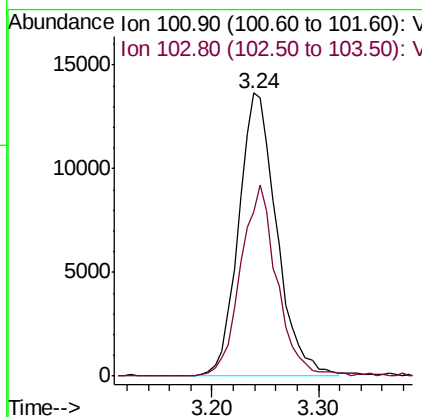
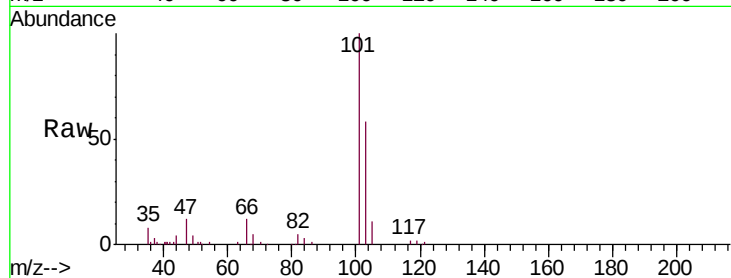
Trichlorofluoromethane
 Concen: 25.238 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.02 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion	Ratio	Lower	Upper
101	100		
103	57.9	51.2	76.8

Manual Integrations
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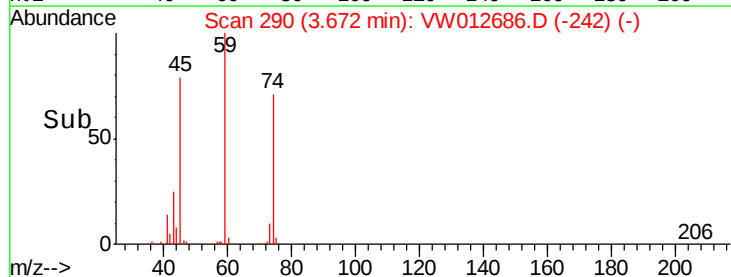
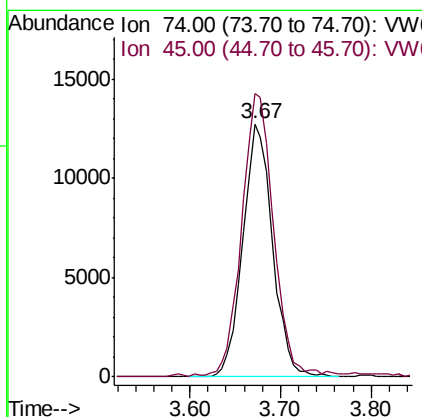
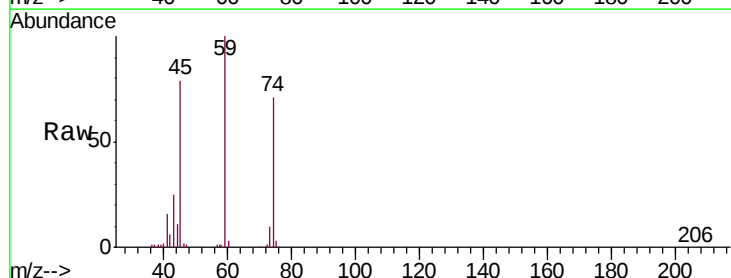
MMDadoda
 9/9/2019 4:45:09 AM

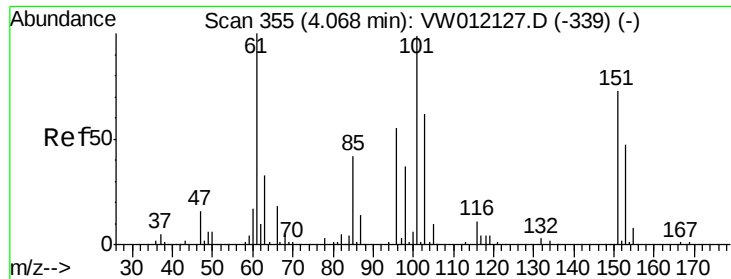


#8

Diethyl Ether
 Concen: 22.355 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012686.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	121.3	59.2	177.6





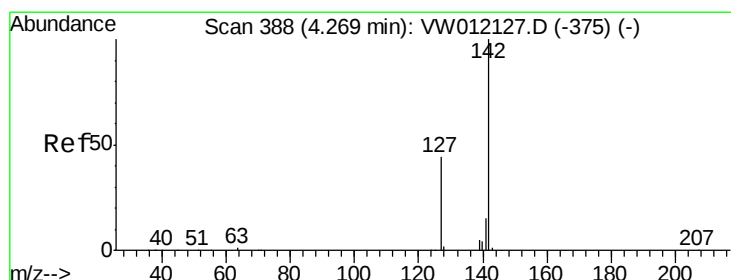
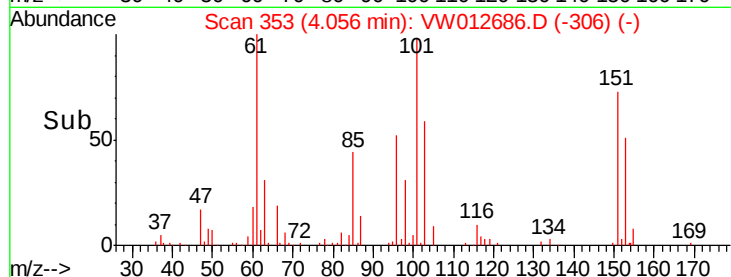
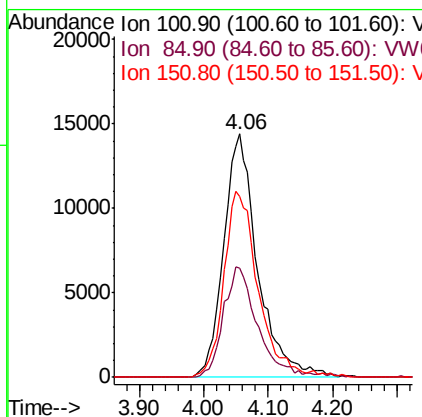
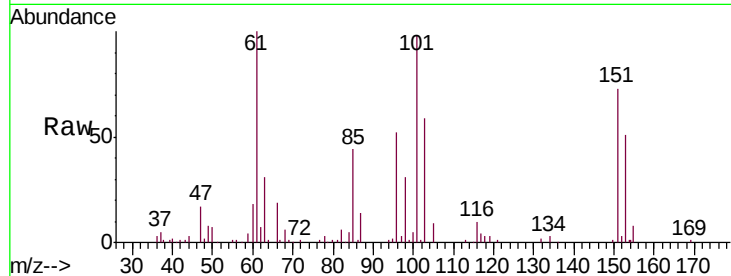
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.021 ug/l
RT: 4.06 min Scan# 353
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	53182		
85	45.3	35.8	53.6	
151	76.1	58.6	87.8	

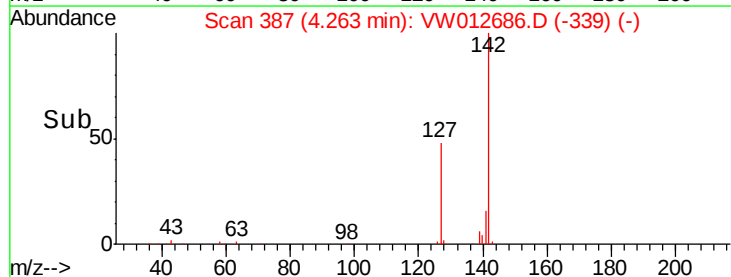
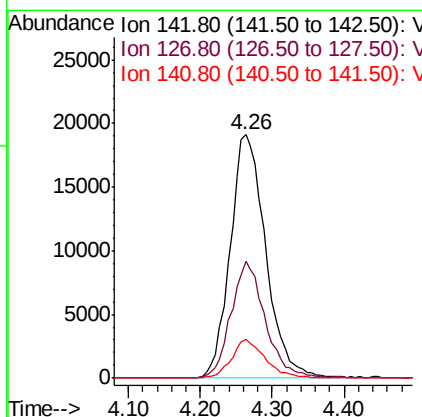
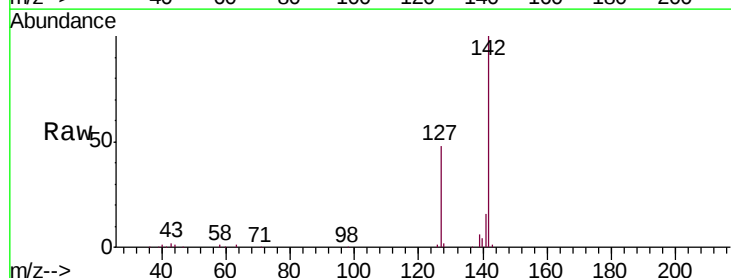
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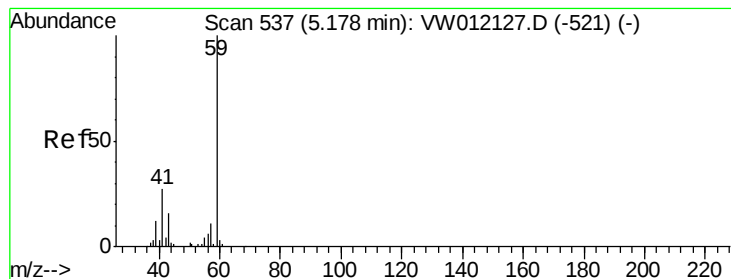
MMDadoda
9/9/2019 4:45:09 AM



#10
Methyl Iodide
Concen: 20.948 ug/l
RT: 4.26 min Scan# 387
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	65478		
127	45.9	35.5	53.3	
141	15.1	11.8	17.8	





#11

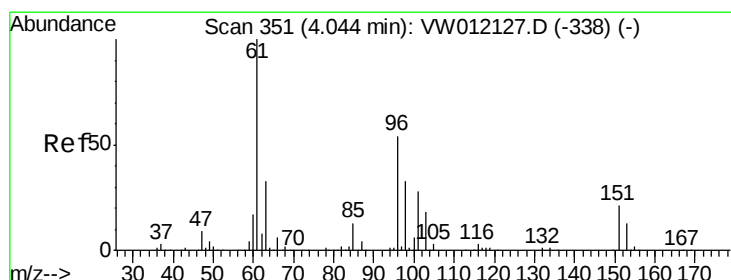
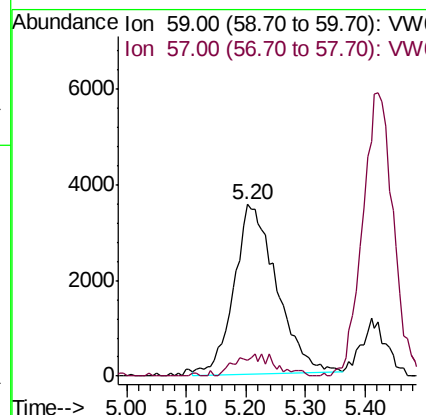
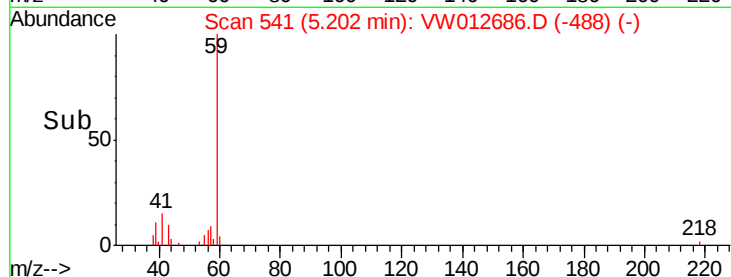
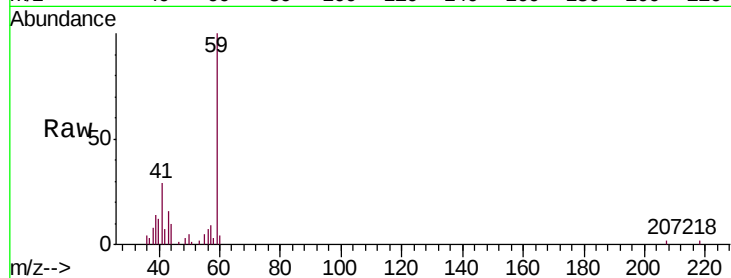
Tert butyl alcohol
Concen: 106.611 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.02 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion: 59 Resp: 17680
Ion Ratio Lower Upper
59 100
57 6.7 9.0 13.4#

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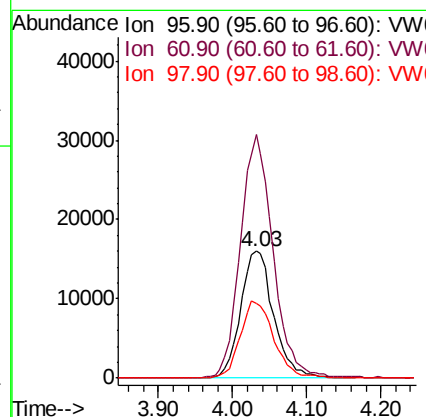
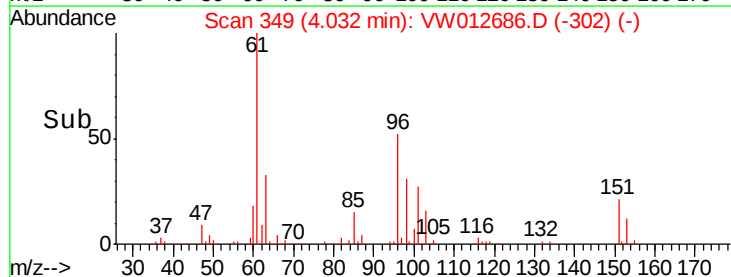
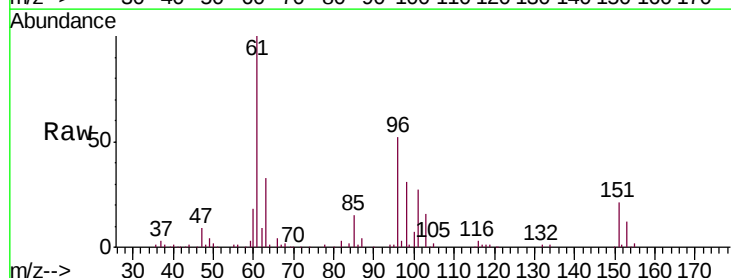
MMDadoda
9/9/2019 4:45:09 AM

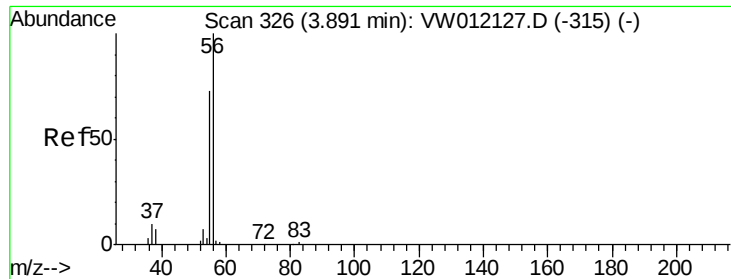


#12

1,1-Dichloroethene
Concen: 21.423 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion: 96 Resp: 49813
Ion Ratio Lower Upper
96 100
61 192.0 149.1 223.7
98 58.7 49.4 74.2





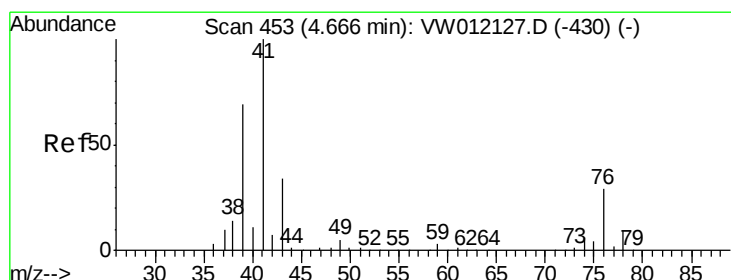
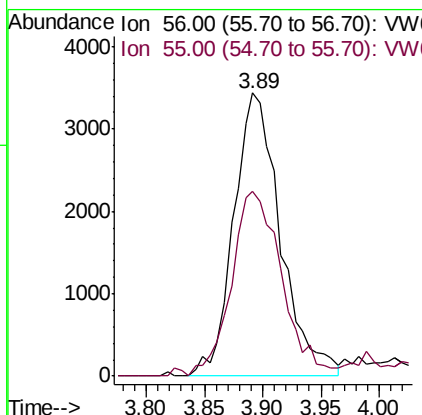
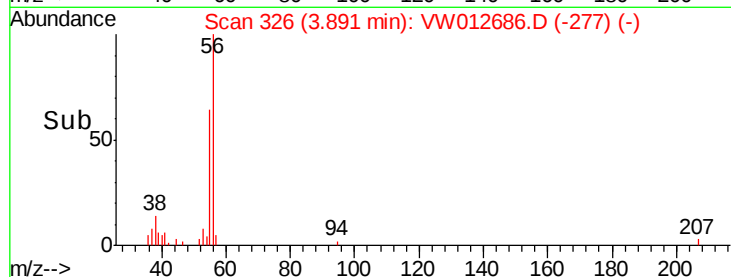
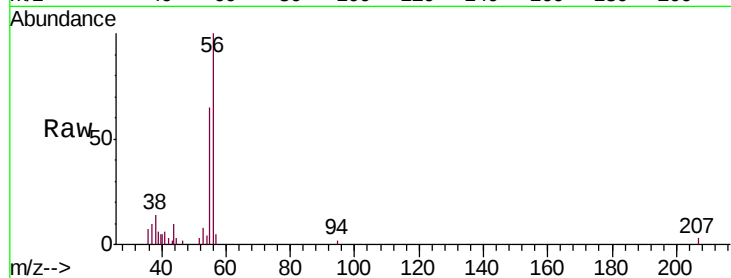
#13
 Acrolein
 Concen: 61.497 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.1	55.8	83.8

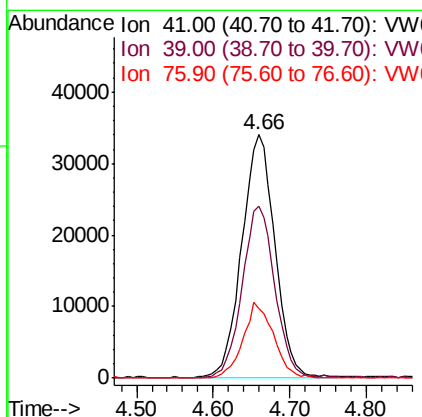
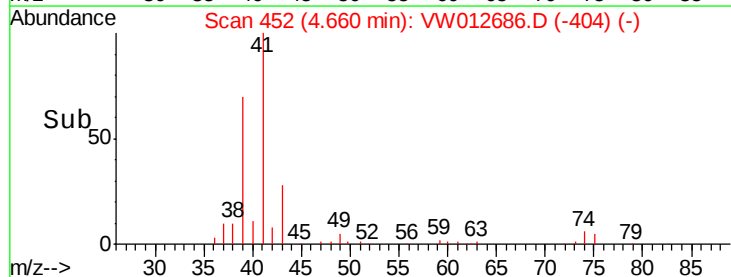
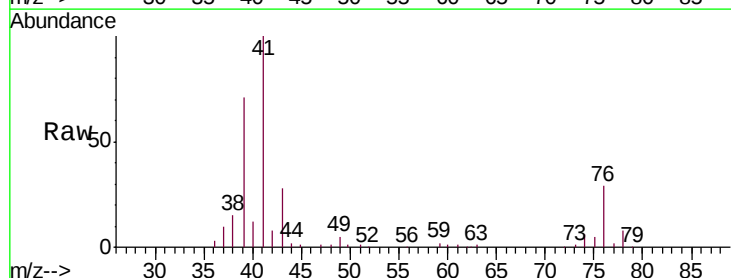
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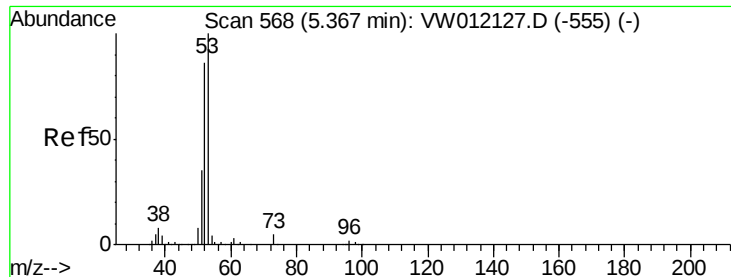
MMDadoda
 9/9/2019 4:45:09 AM



#14
 Allyl chloride
 Concen: 20.702 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.9	53.4	80.2
76	28.6	22.1	33.1





#15

Acrylonitrile

Concen: 107.342 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

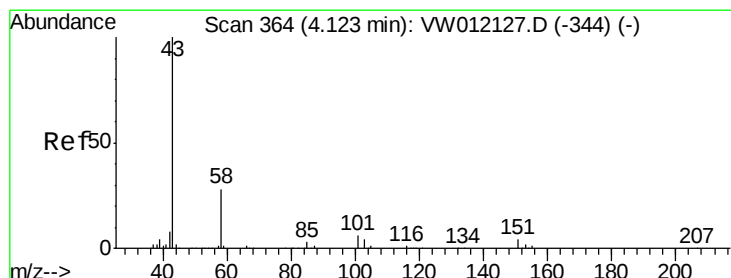
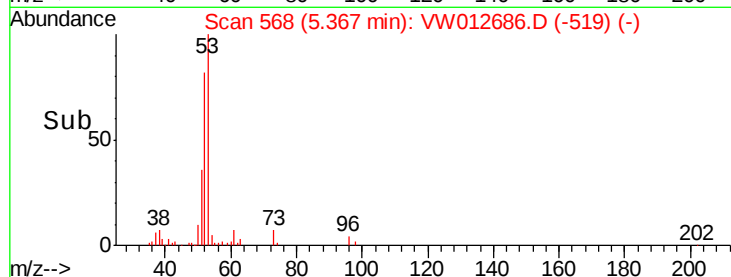
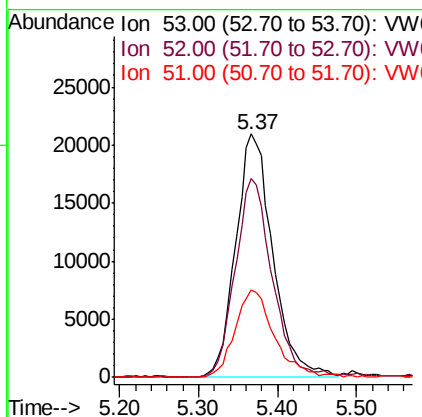
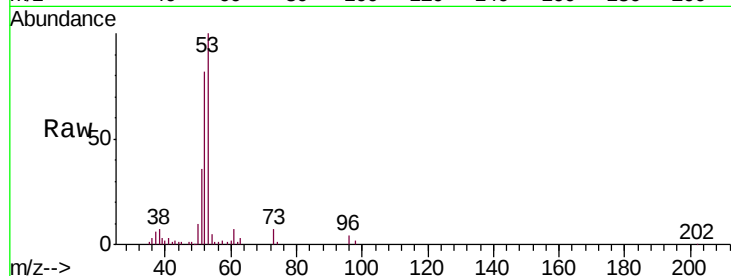
VW0906SBS02

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Tgt Ion:	53	Resp:	68637
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.7	100.1
51	37.4	30.1	45.1



#16

Acetone

Concen: 95.860 ug/l

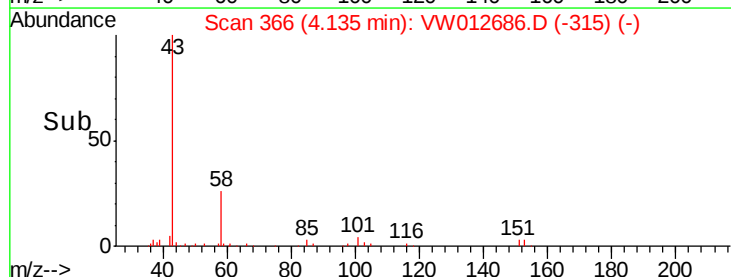
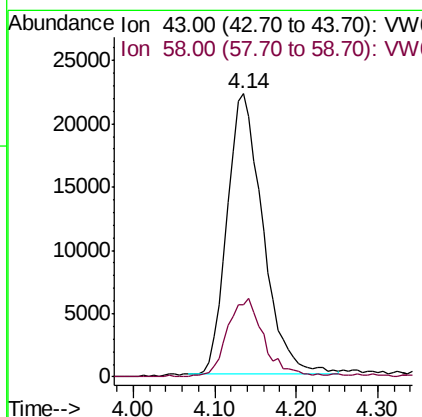
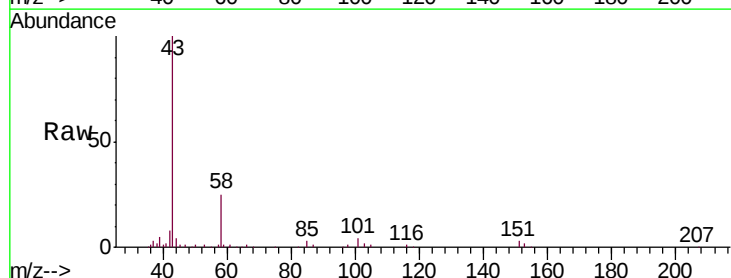
RT: 4.14 min Scan# 366

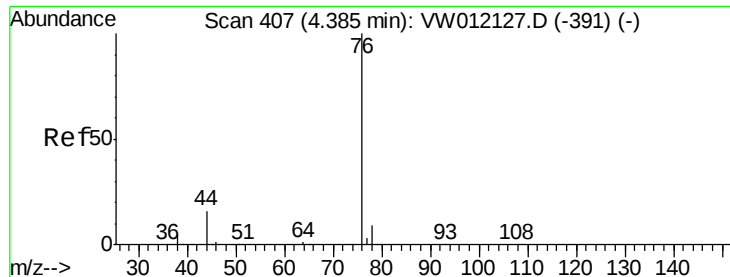
Delta R.T. 0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Tgt Ion:	43	Resp:	67525
Ion	Ratio	Lower	Upper
43	100		
58	25.2	22.4	33.6





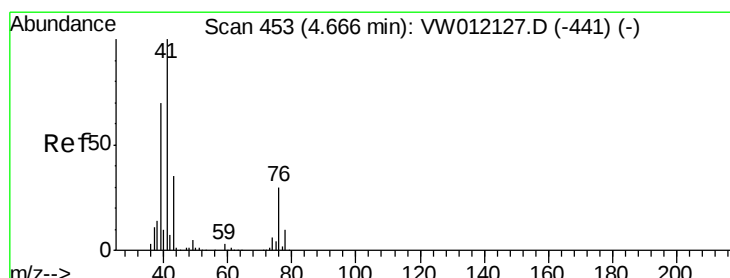
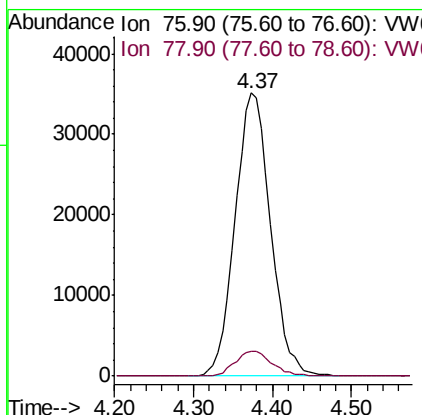
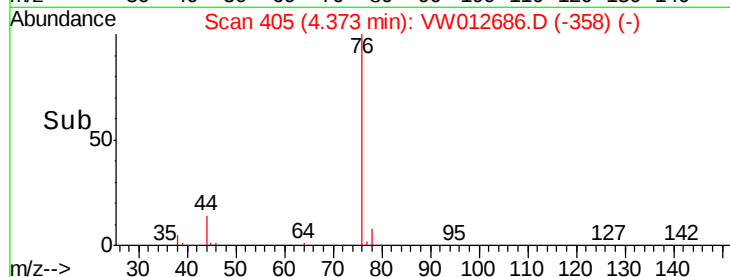
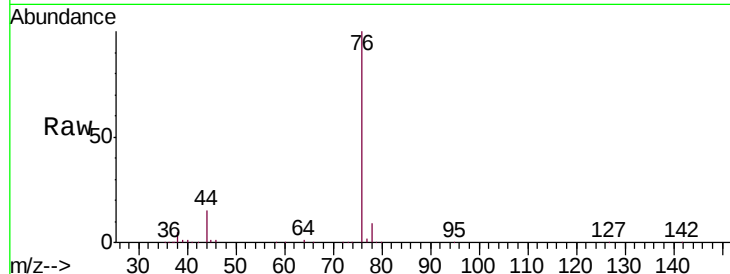
#17
Carbon Disulfide
Concen: 15.615 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.3	10.9

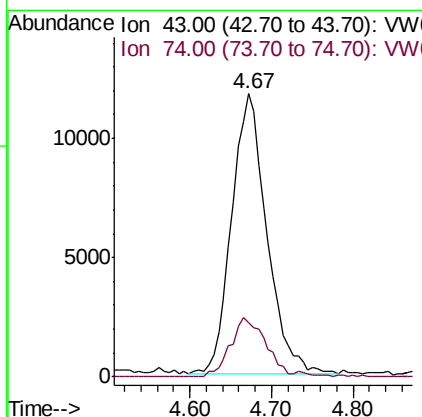
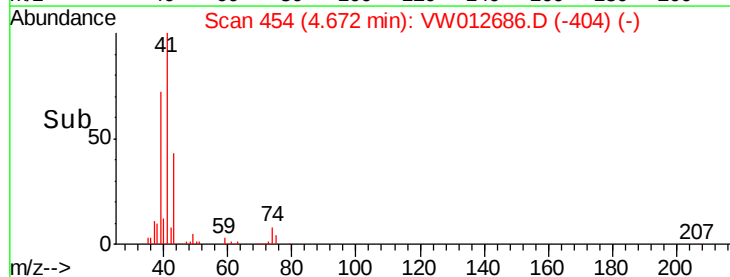
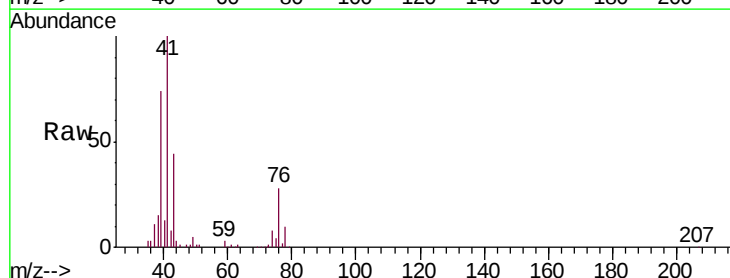
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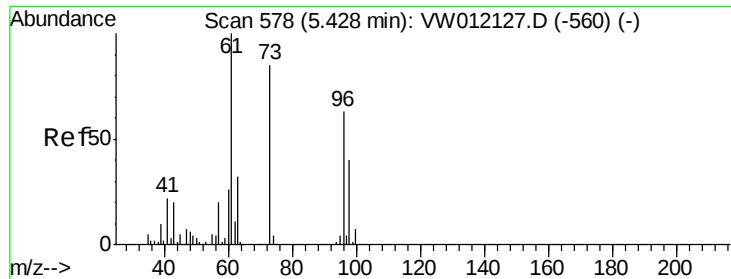
MMDadoda
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#18
Methyl Acetate
Concen: 20.139 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	15.7	23.5





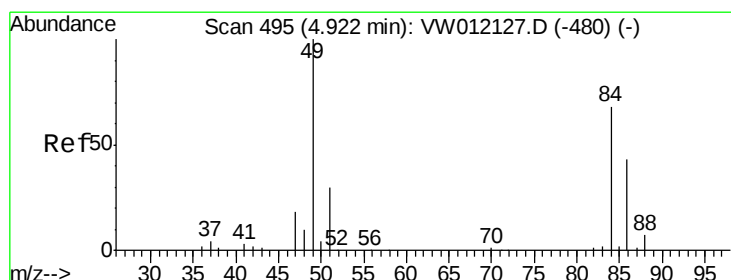
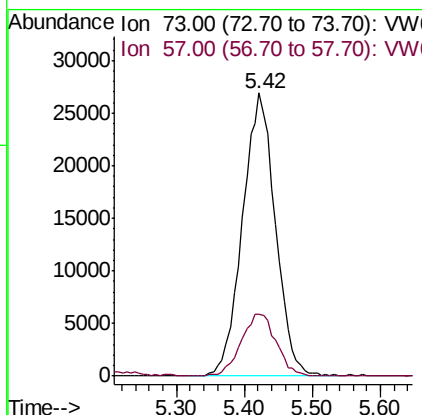
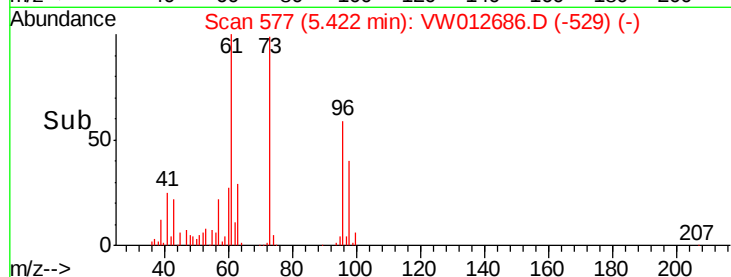
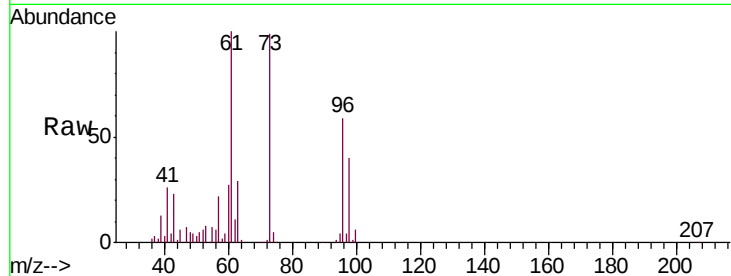
#19
Methyl tert-butyl Ether
Concen: 23.964 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion: 73 Resp: 90109
Ion Ratio Lower Upper
73 100
57 22.0 18.9 28.3

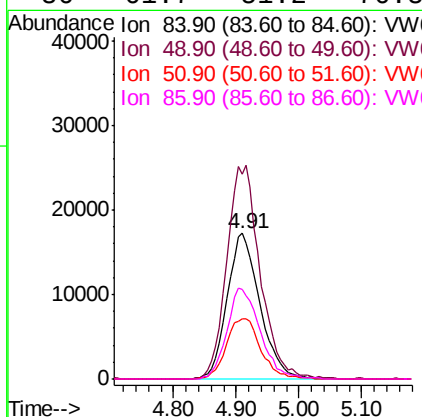
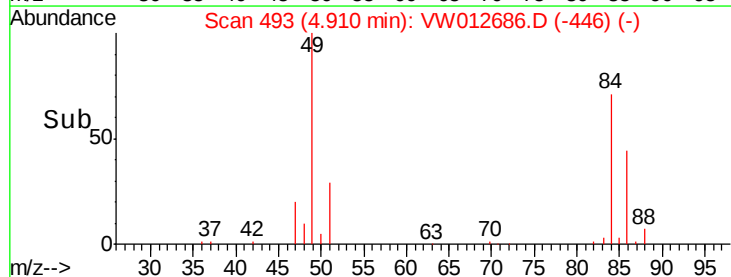
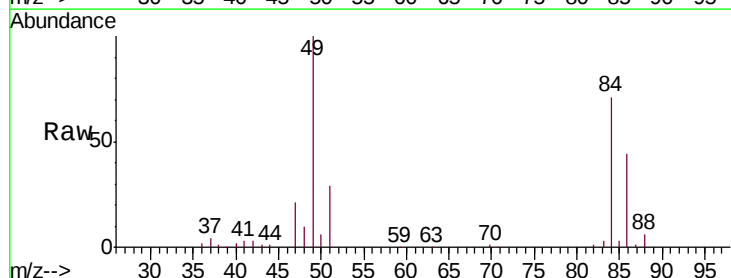
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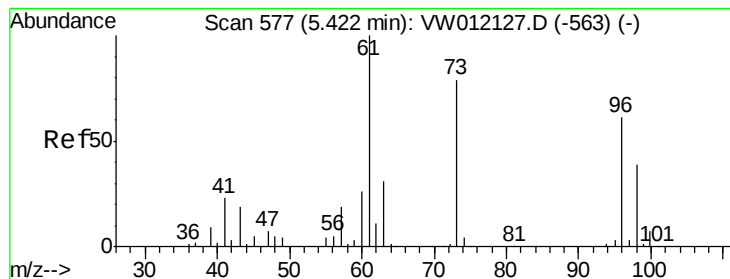
MMDadoda
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#20
Methylene Chloride
Concen: 23.303 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion: 84 Resp: 62055
Ion Ratio Lower Upper
84 100
49 141.2 117.8 176.8
51 41.4 35.6 53.4
86 61.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.082 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

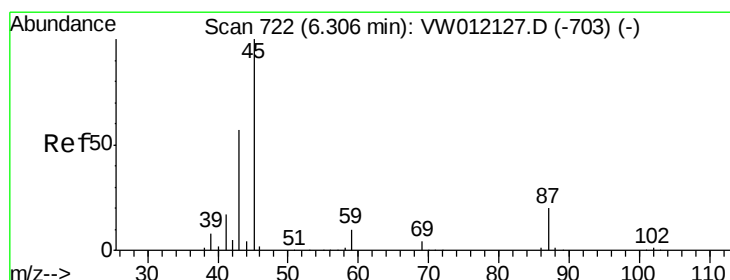
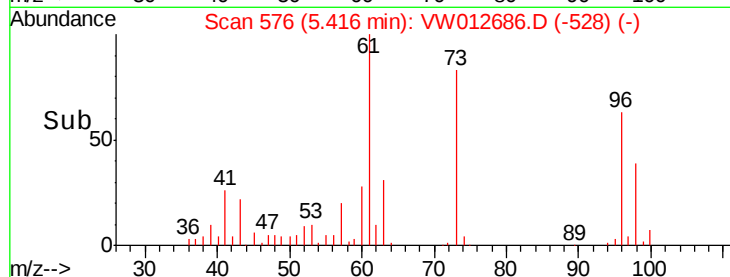
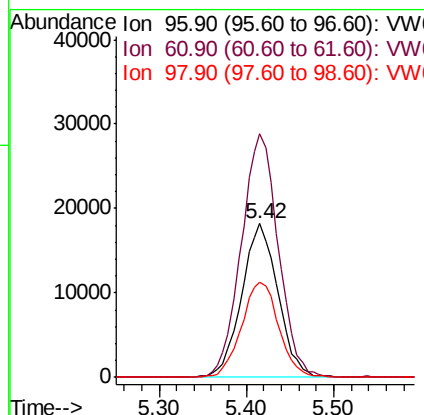
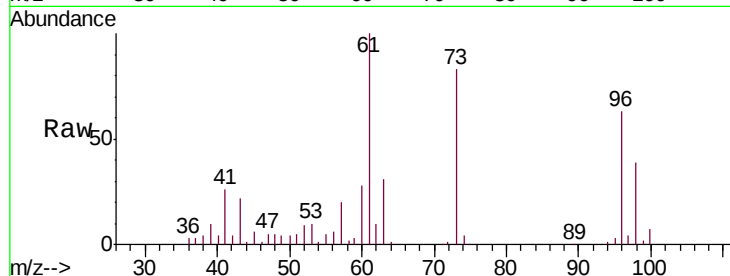
ClientSampleId :

VW0906SBS02

Tgt Ion:	96	Resp:	52567
Ion	Ratio	Lower	Upper
96	100		
61	158.5	131.4	197.0
98	62.2	51.4	77.0

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#22

Diisopropyl ether

Concen: 21.728 ug/l

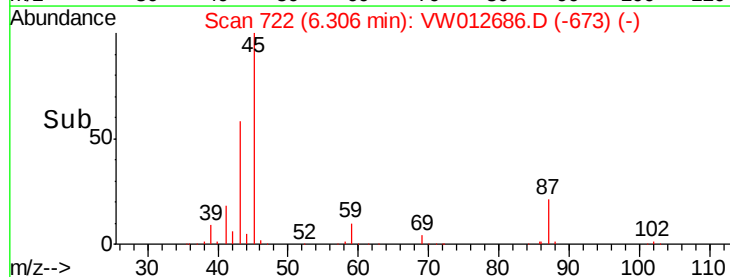
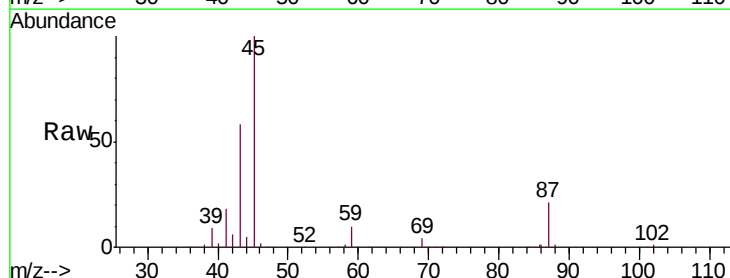
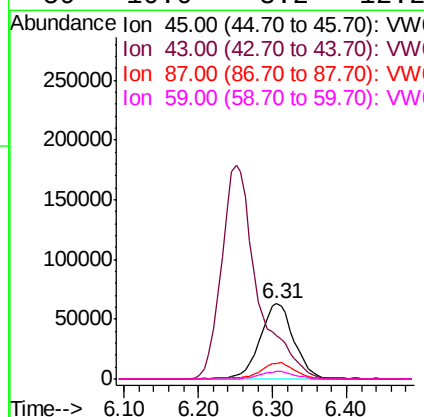
RT: 6.31 min Scan# 722

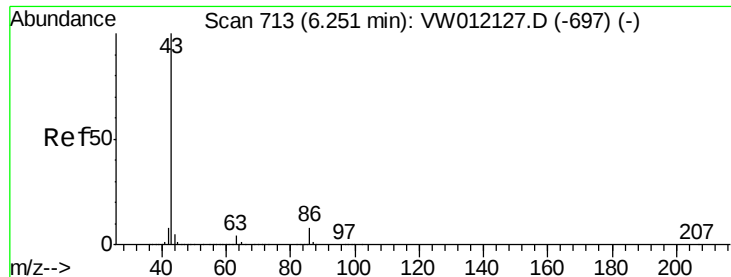
Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Tgt Ion:	45	Resp:	200207
Ion	Ratio	Lower	Upper
45	100		
43	57.4	45.5	68.3
87	21.2	16.1	24.1
59	10.0	8.2	12.2





#23

Vinyl Acetate

Concen: 106.309 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tgt Ion: 43 Resp: 602826

Ion Ratio Lower Upper

43 100

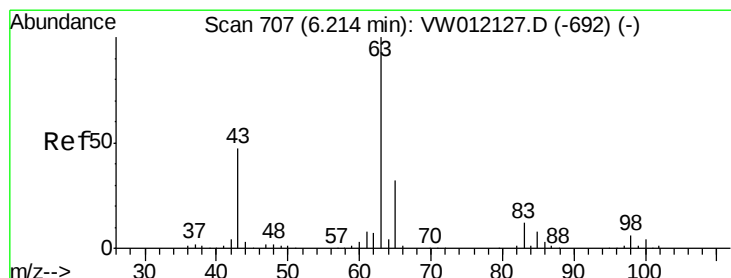
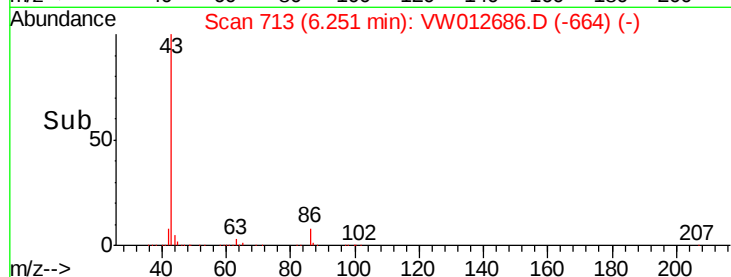
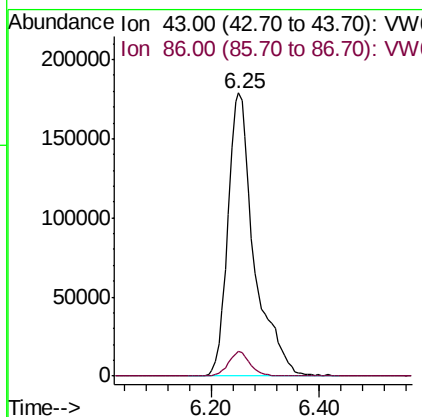
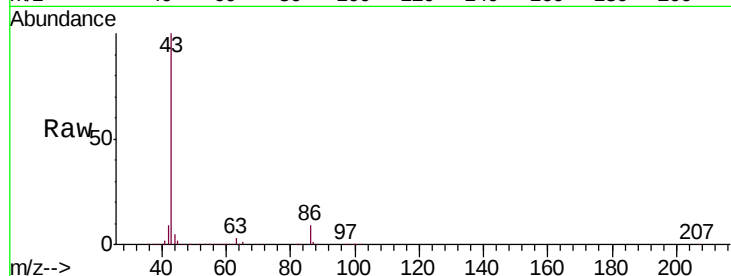
86 8.6 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 22.324 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

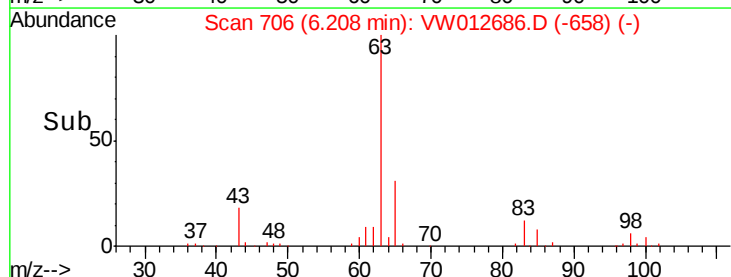
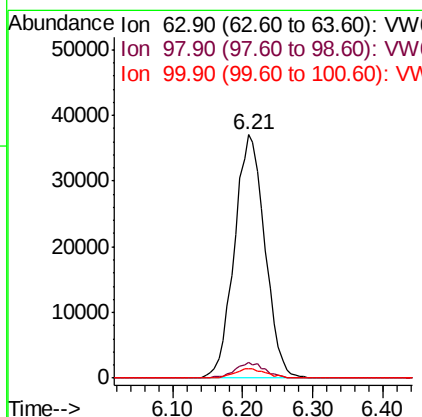
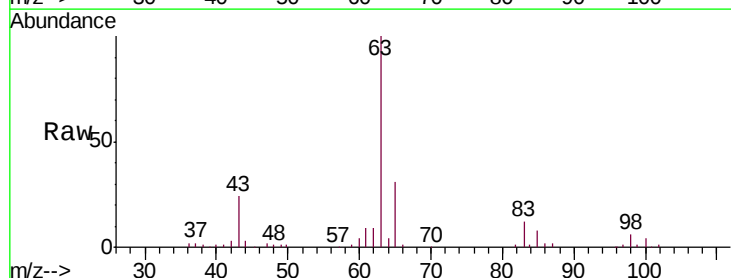
Tgt Ion: 63 Resp: 111996

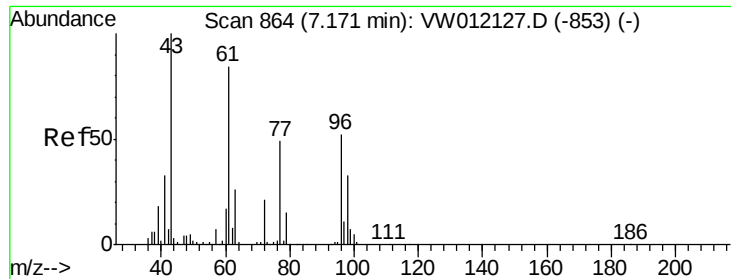
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 101.131 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tgt Ion: 43 Resp: 96805

Ion Ratio Lower Upper

43 100

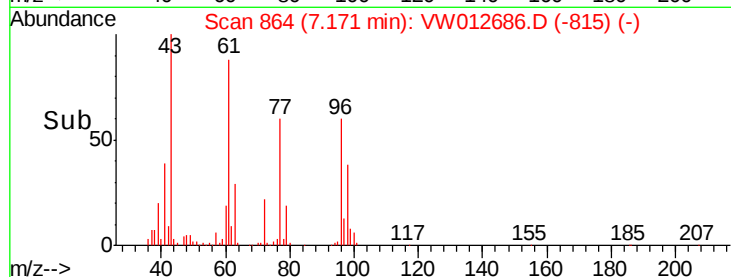
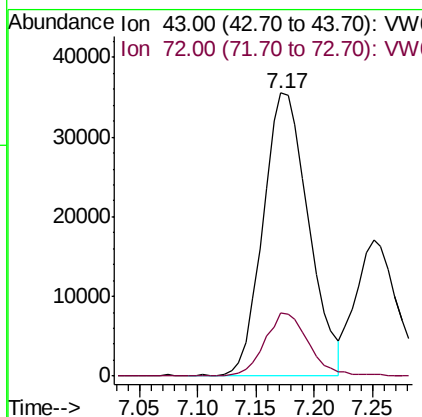
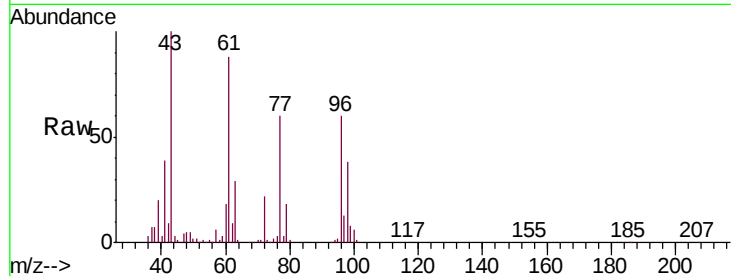
72 22.2 16.6 24.8

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#26

2,2-Dichloropropane

Concen: 24.143 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012686.D

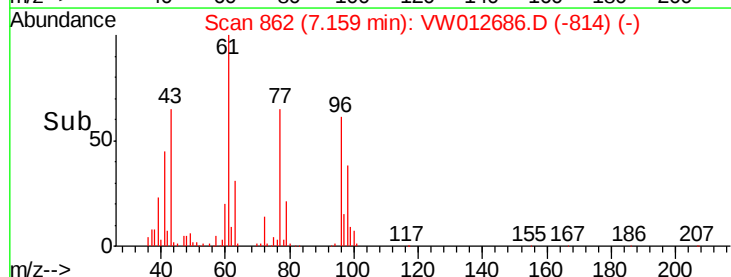
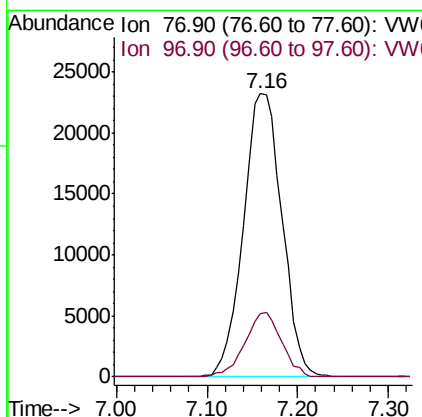
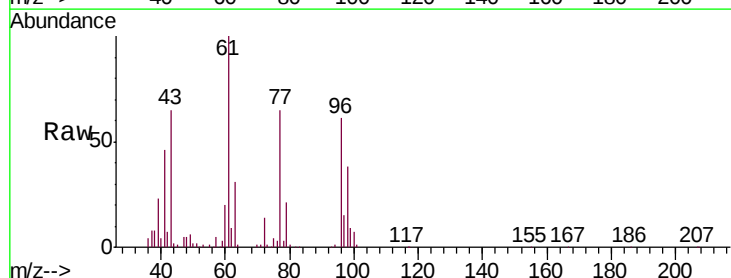
Acq: 06 Sep 2019 12:58

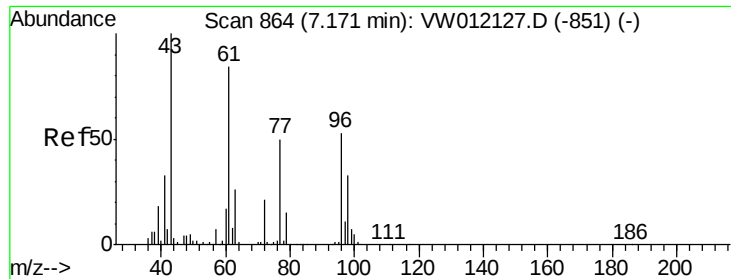
Tgt Ion: 77 Resp: 68558

Ion Ratio Lower Upper

77 100

97 21.6 11.1 33.1





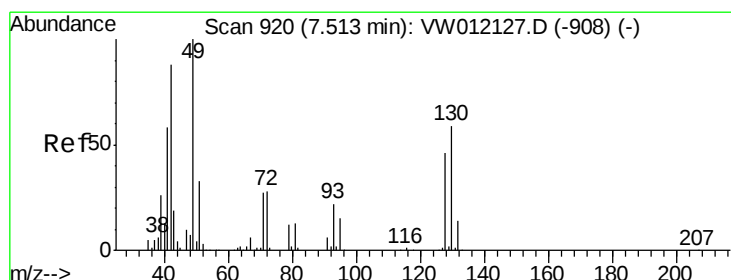
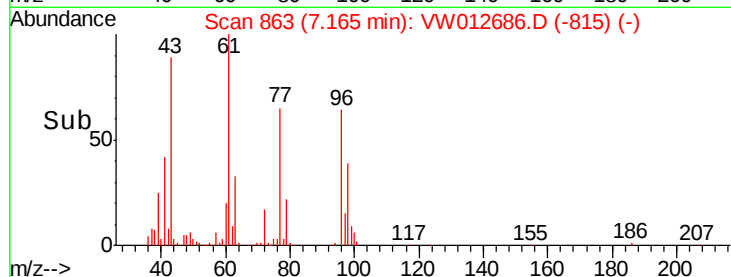
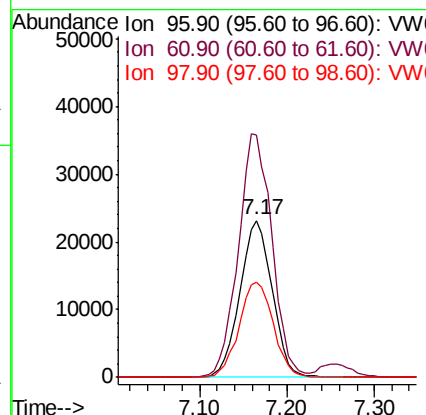
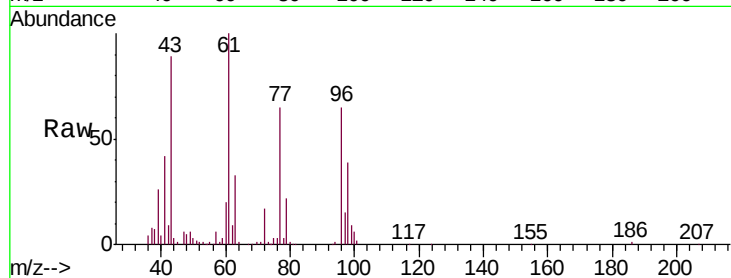
#27
 cis-1,2-Dichloroethene
 Concen: 22.309 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.0	0.0	326.6
98	64.2	0.0	127.4

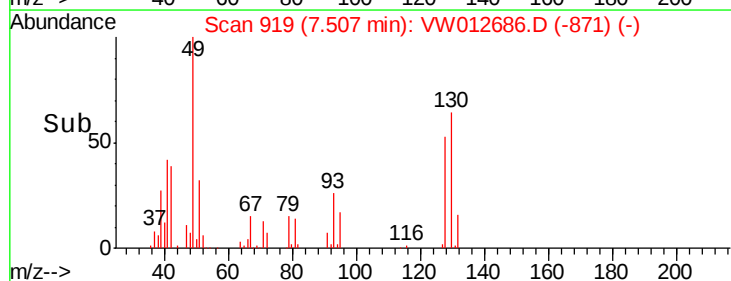
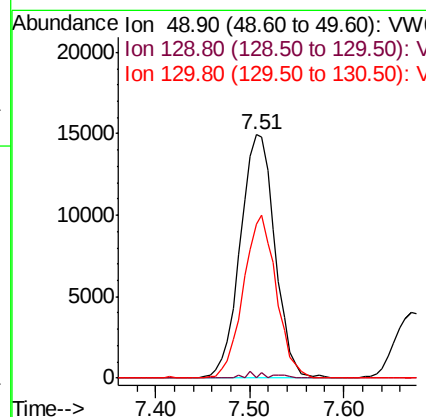
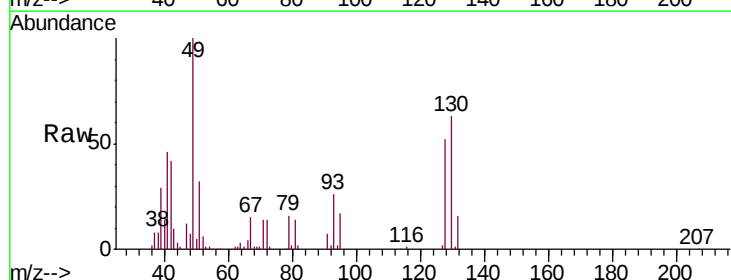
Manual Integrations
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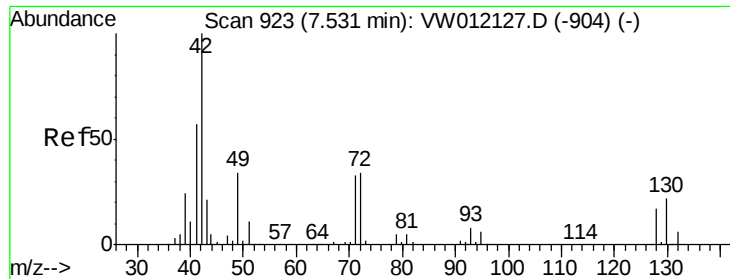
MMDadoda
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#28
 Bromochloromethane
 Concen: 17.587 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	1.4
130	63.6	45.5	68.3





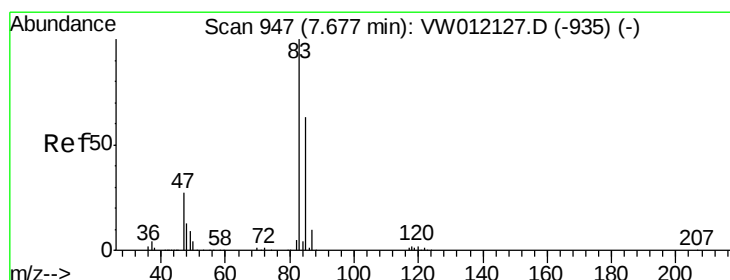
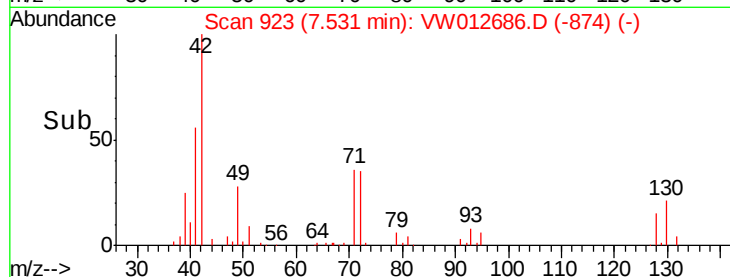
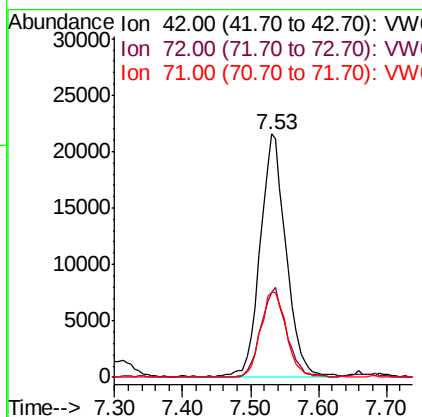
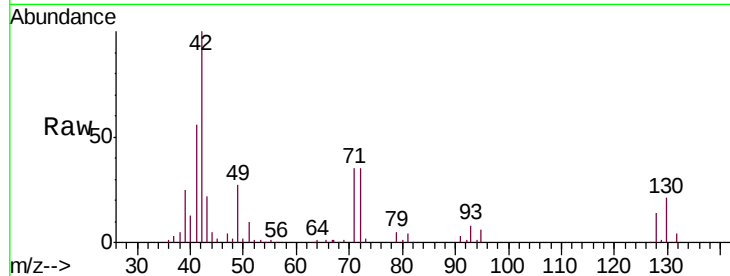
#29
Tetrahydrofuran
Concen: 100.761 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	36.0	27.3	40.9
71	34.9	25.5	38.3

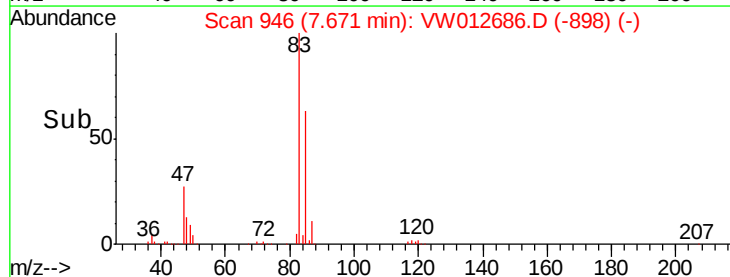
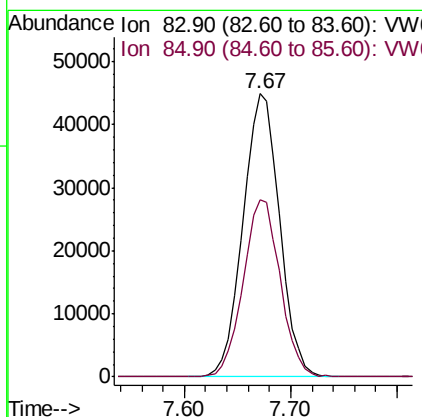
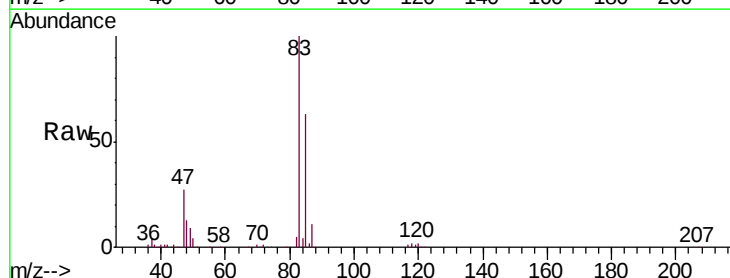
Manual Integrations
APPROVED

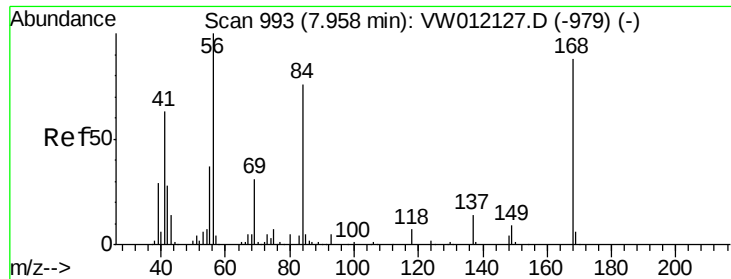
MMDadoda
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#30
Chloroform
Concen: 23.615 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.6	76.0





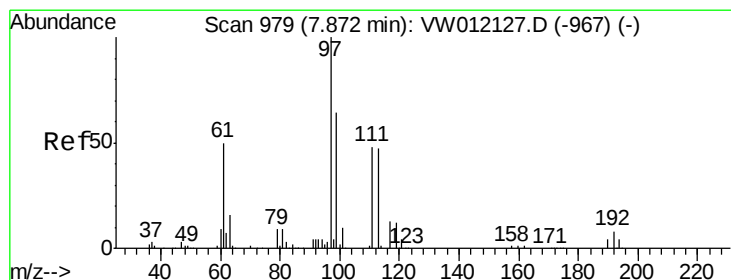
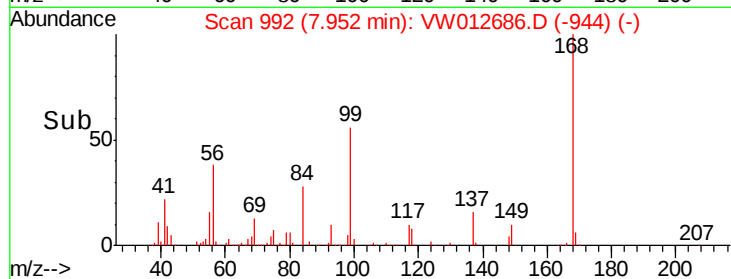
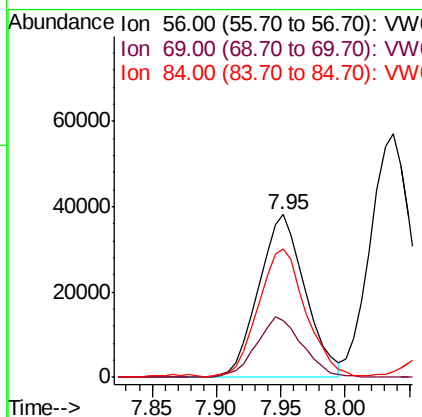
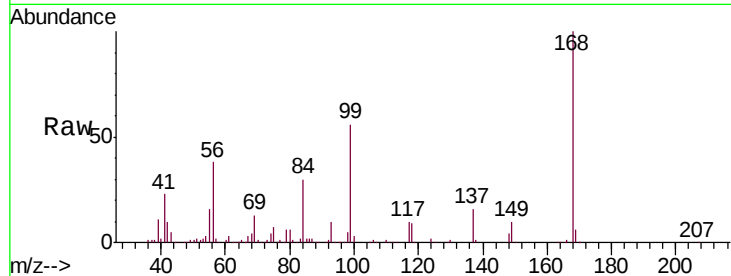
#31
Cyclohexane
Concen: 19.280 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.0	24.9	37.3
84	77.2	60.6	90.8

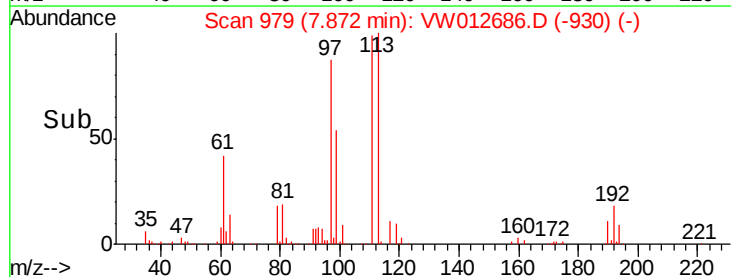
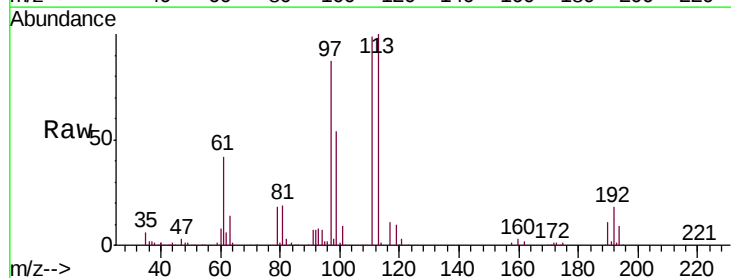
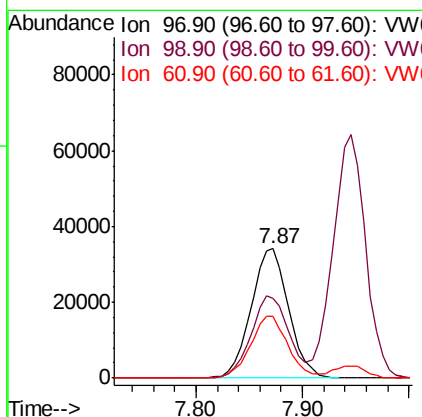
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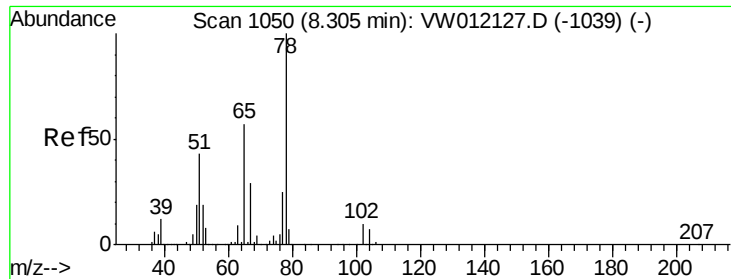
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#32
1,1,1-Trichloroethane
Concen: 23.162 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.0
61	47.7	39.5	59.3





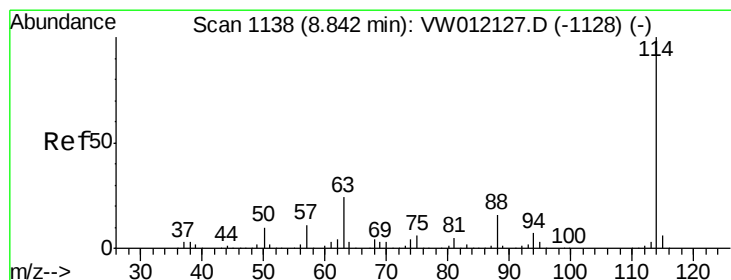
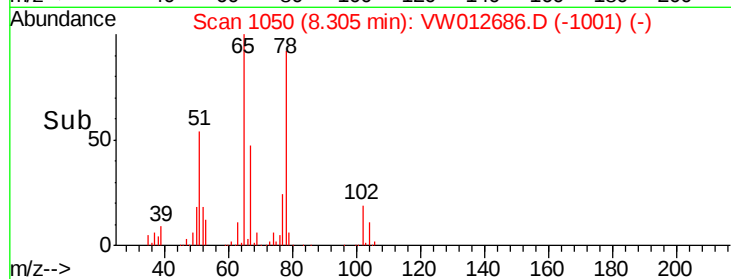
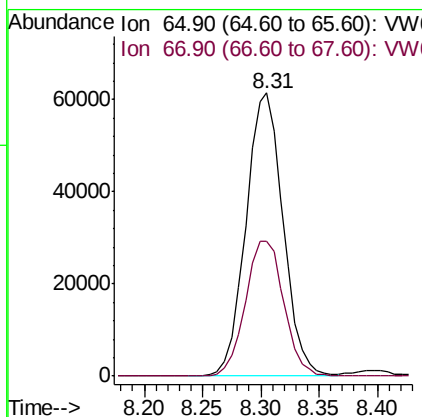
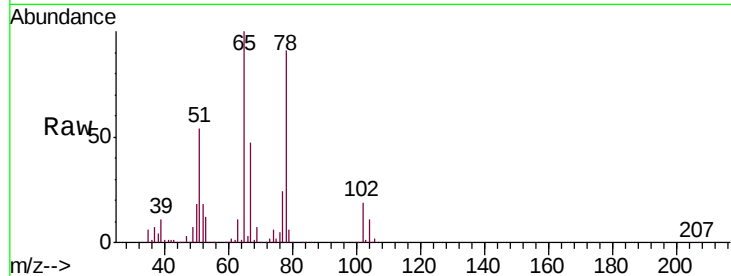
#33
 1,2-Dichloroethane-d4
 Concen: 49.517 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	136455		
67	49.7	0.0	102.6	

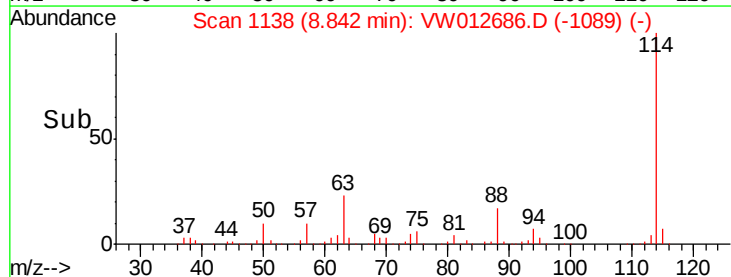
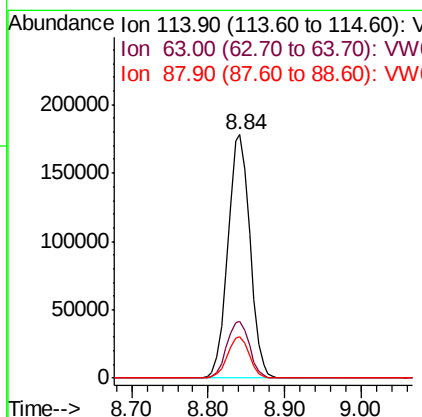
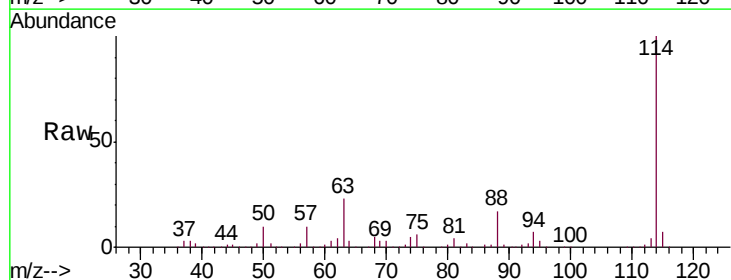
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	354577		
63	23.3	0.0	48.6	
88	17.1	0.0	32.2	





#35

Dibromofluoromethane

Concen: 50.525 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

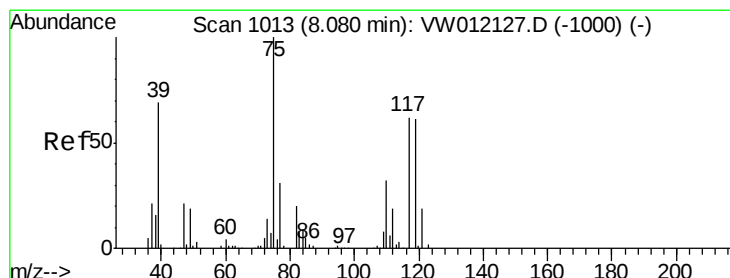
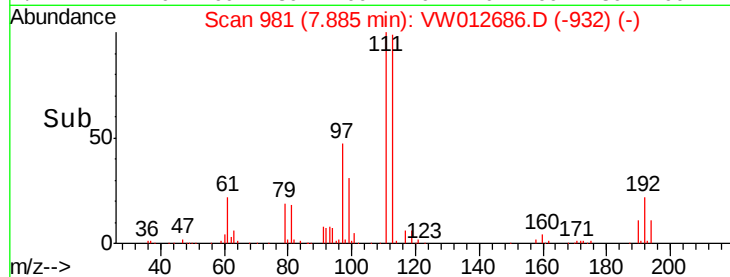
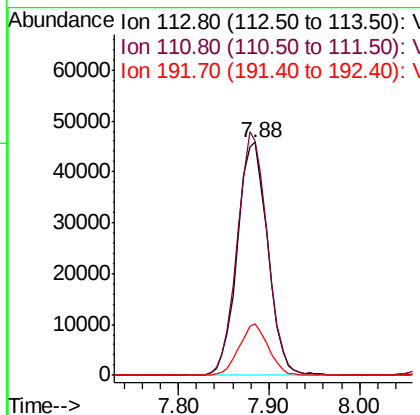
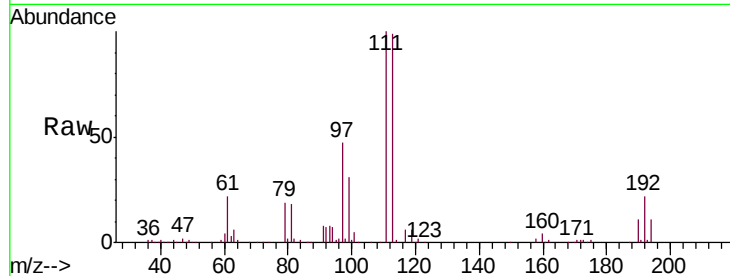
ClientSampleId :

VW0906SBS02

Tgt Ion:	113	Resp:	106936
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.7	124.1
192	21.0	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 21.946 ug/l

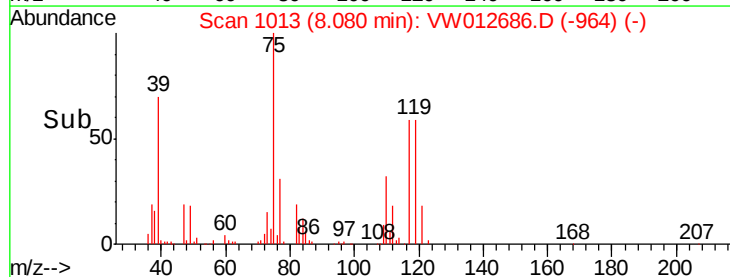
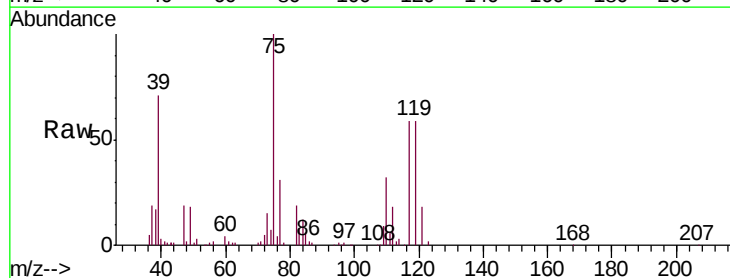
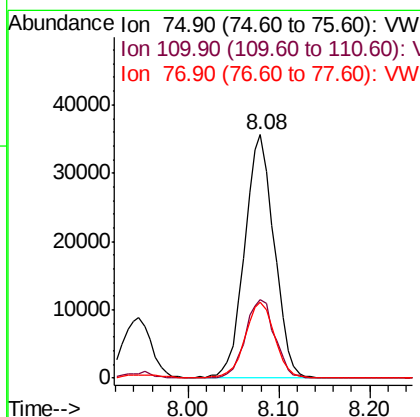
RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Tgt Ion:	75	Resp:	80415
Ion Ratio	Lower	Upper	
75	100		
110	32.2	15.6	46.8
77	31.4	24.6	36.8





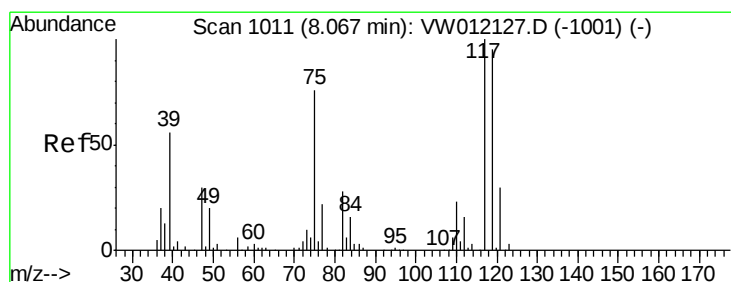
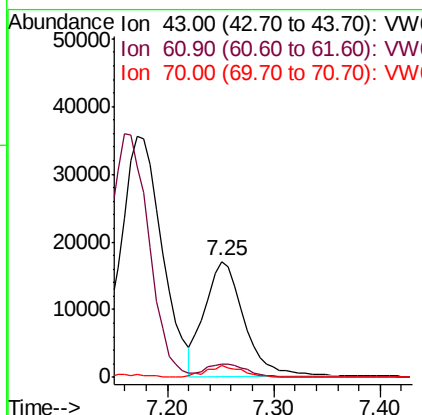
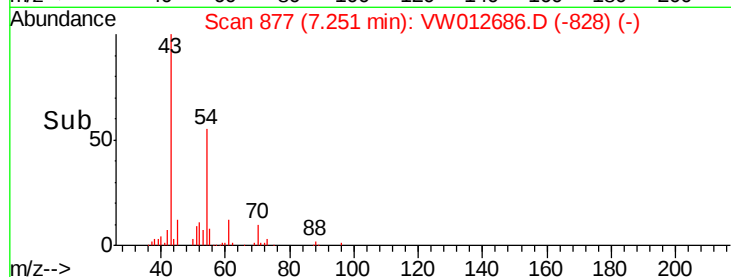
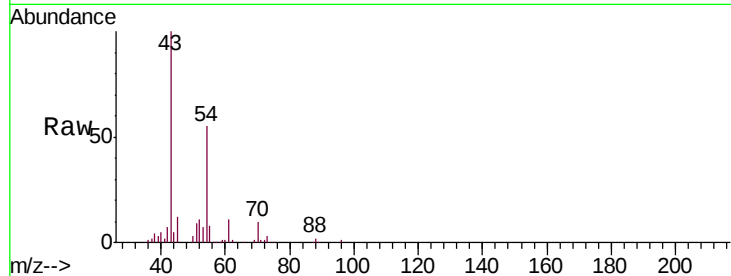
#37
Ethyl Acetate
Concen: 21.740 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.5	9.2	13.8
70	9.1	6.9	10.3

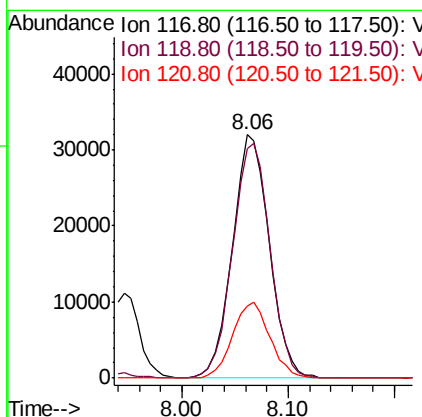
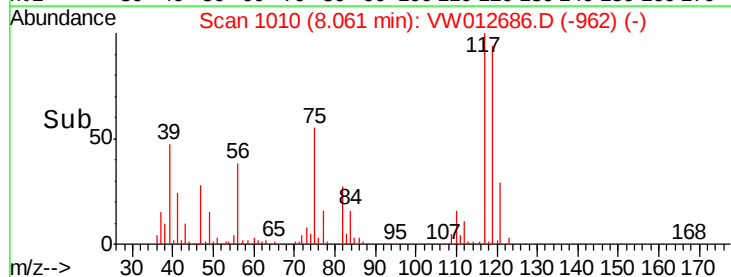
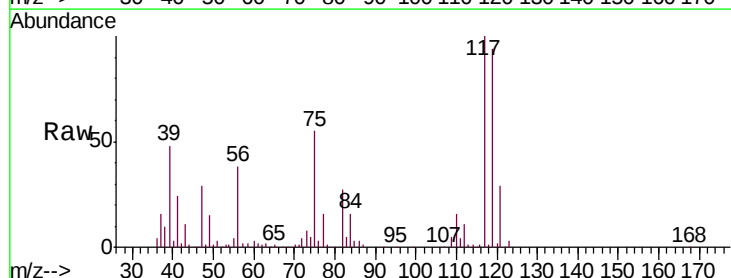
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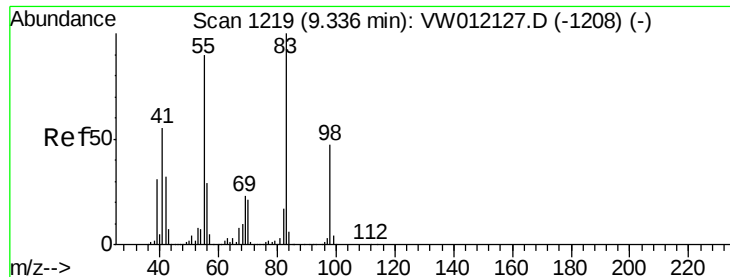
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#38
Carbon Tetrachloride
Concen: 24.526 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.2	114.2
121	29.4	23.8	35.8





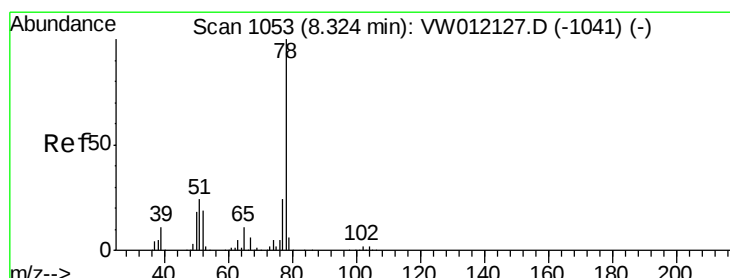
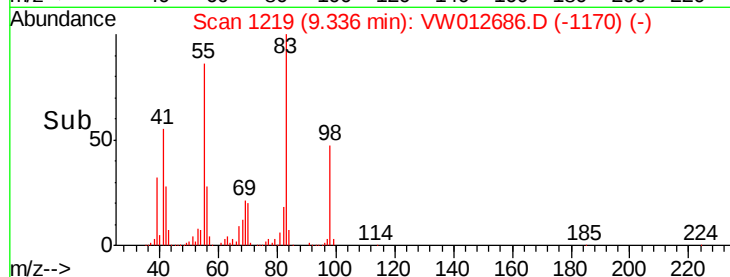
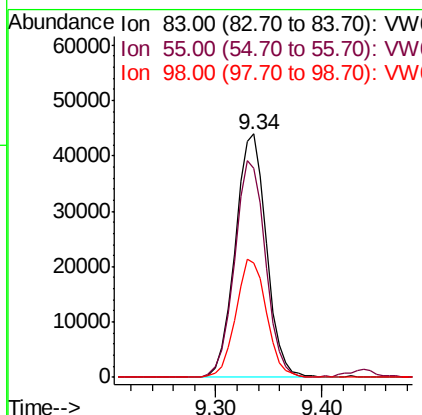
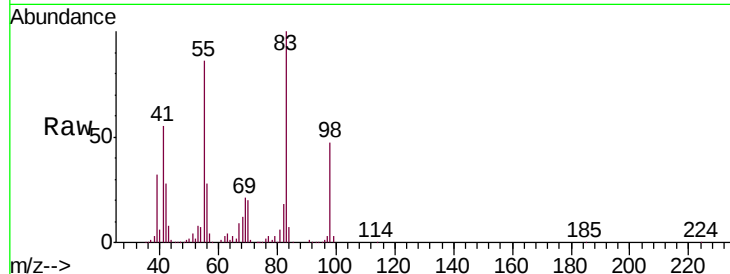
#39
Methylcyclohexane
Concen: 21.990 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.0	71.8	107.8
98	47.1	37.8	56.8

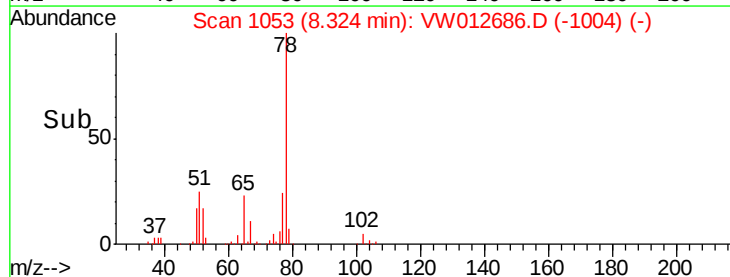
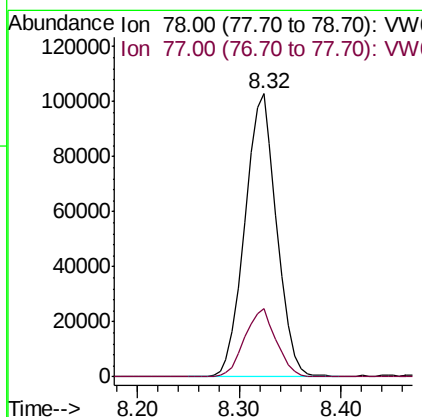
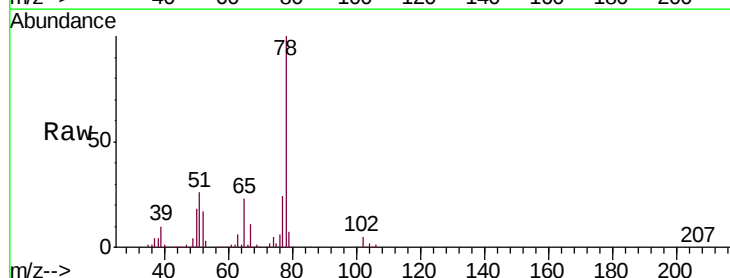
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#40
Benzene
Concen: 22.285 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





#41

Methacrylonitrile

Concen: 22.483 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

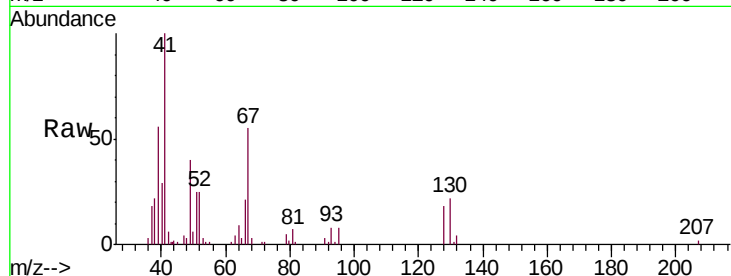
ClientSampleId :

VW0906SBS02

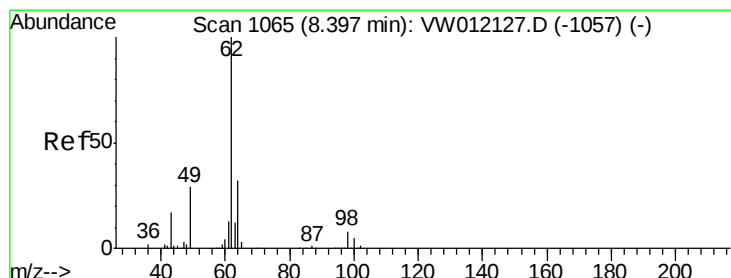
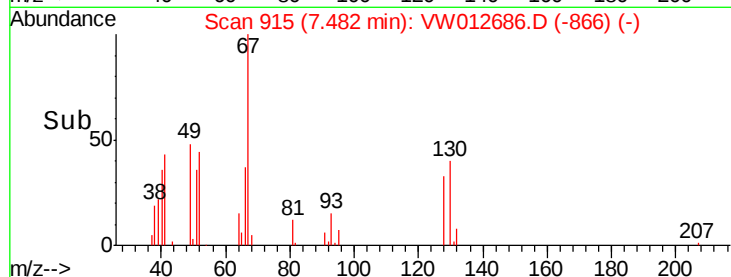
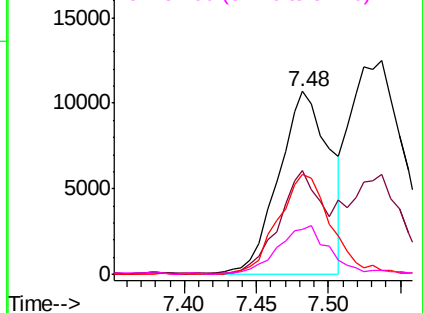
Tgt Ion	Ratio	Lower	Upper
41	100		
39	47.9	45.8	68.8
67	56.5	46.2	69.4
52	27.5	21.0	31.6

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



#42

1,2-Dichloroethane

Concen: 24.209 ug/l

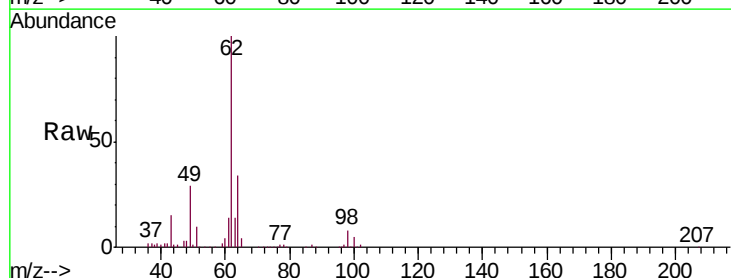
RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

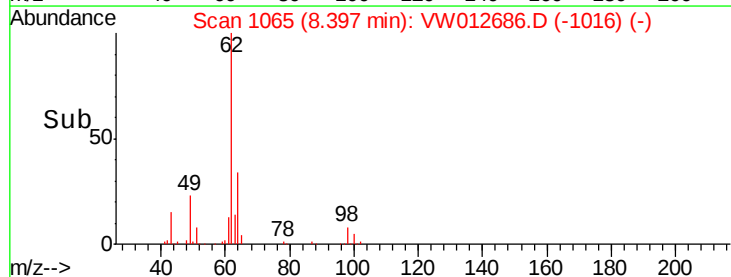
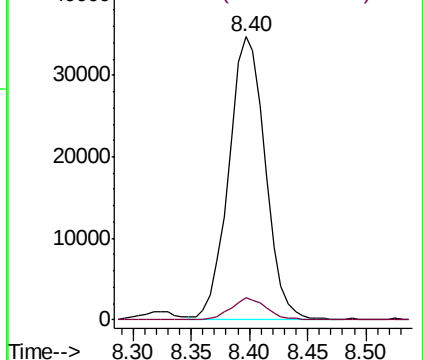
Lab File: VW012686.D

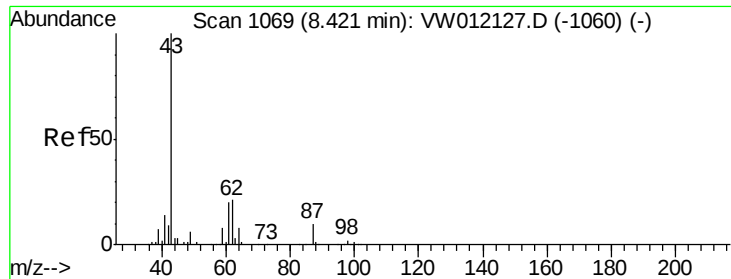
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.6



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





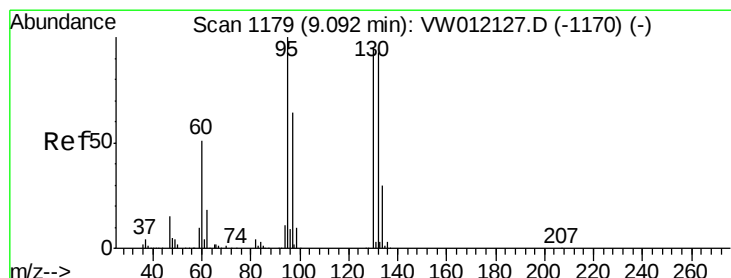
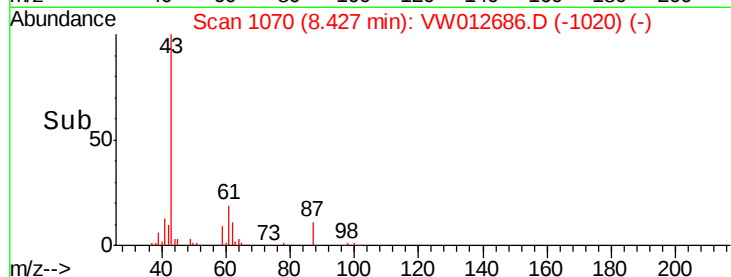
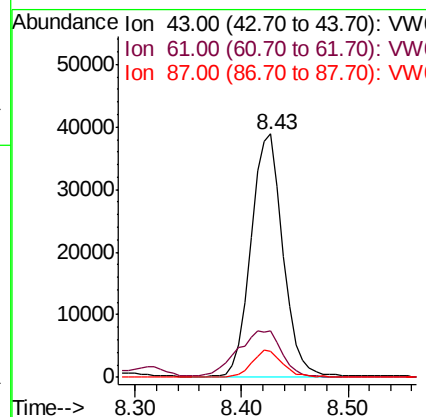
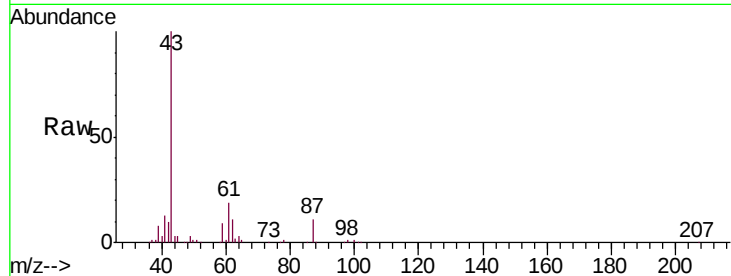
#43
Isopropyl Acetate
Concen: 22.004 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	26.7	21.1	31.7
87	10.9	8.2	12.2

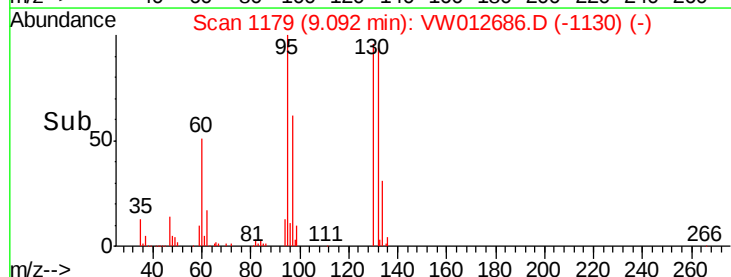
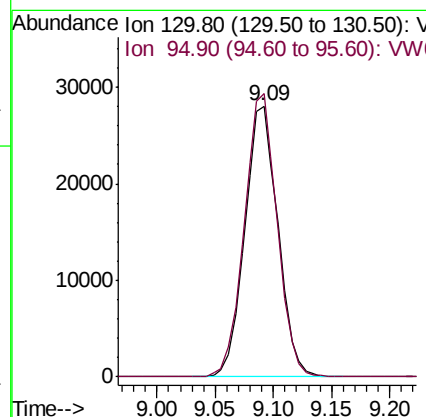
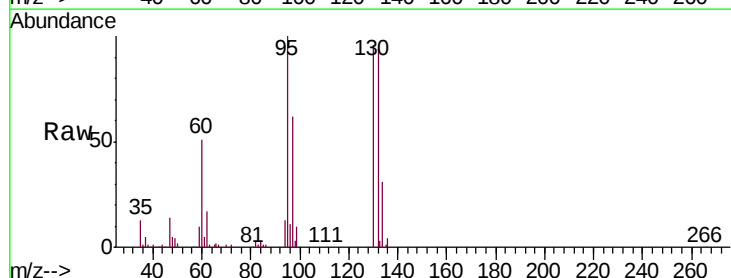
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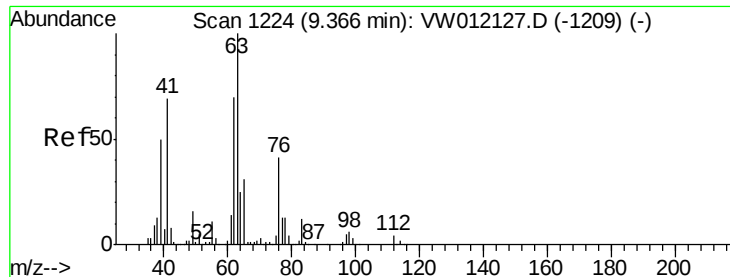
MMDadoda
9/9/2019 4:45:09 AM



#44
Trichloroethene
Concen: 22.886 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.6	0.0	210.6





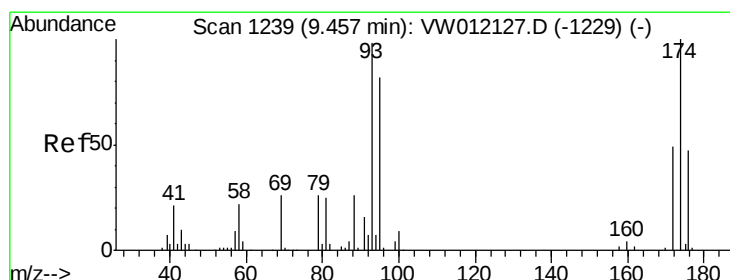
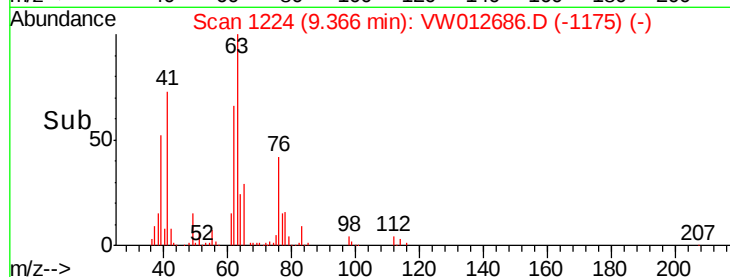
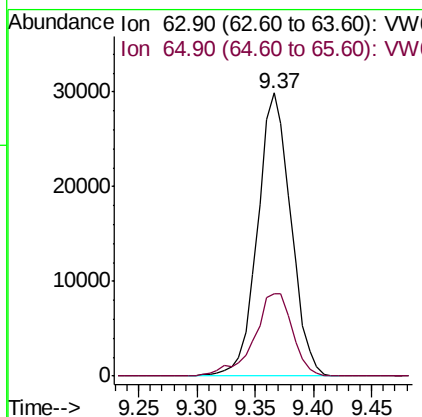
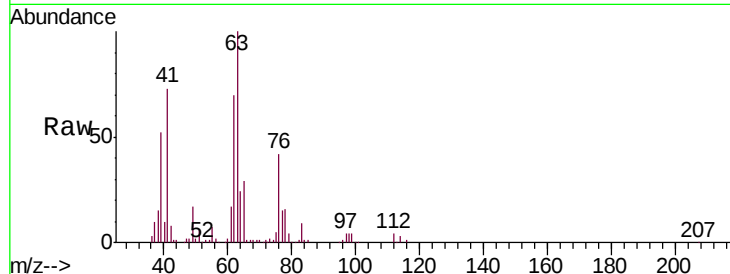
#45
 1,2-Dichloropropane
 Concen: 21.999 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion: 63 Resp: 59237
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.0 37.4

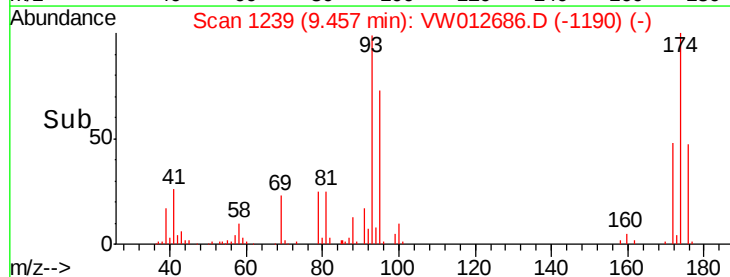
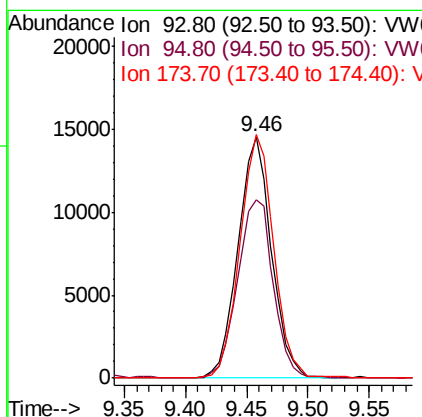
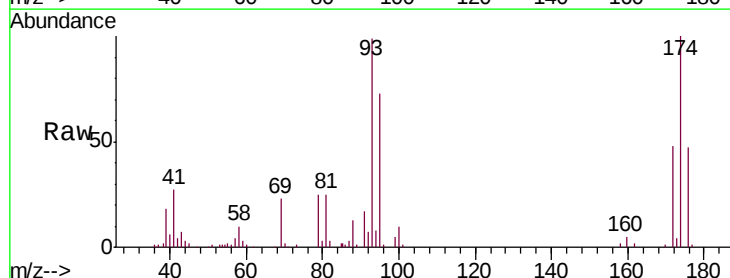
Manual Integrations
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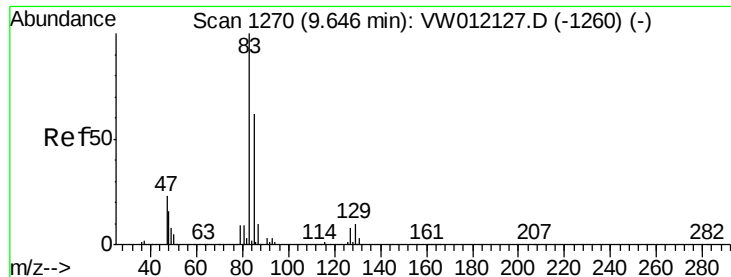
MMDadoda
 9/9/2019 4:45:09 AM



#46
 Dibromomethane
 Concen: 22.947 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion: 93 Resp: 27492
 Ion Ratio Lower Upper
 93 100
 95 79.0 67.2 100.8
 174 102.4 79.0 118.6





#47

Bromodichloromethane

Concen: 24.116 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

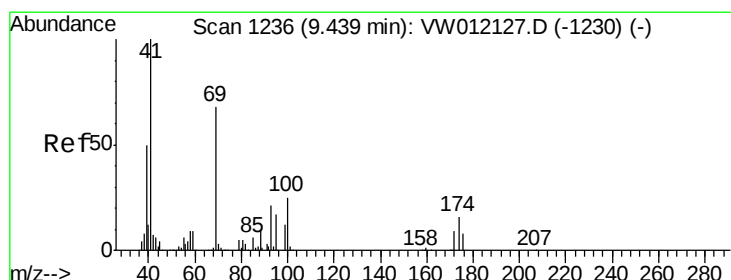
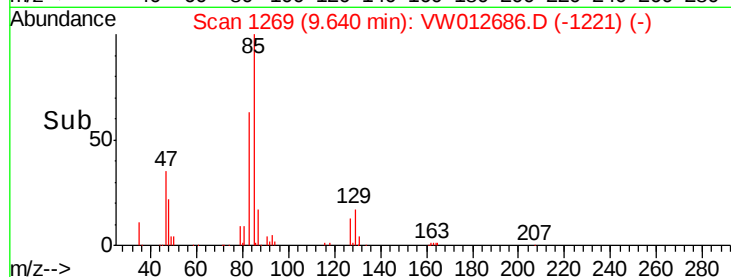
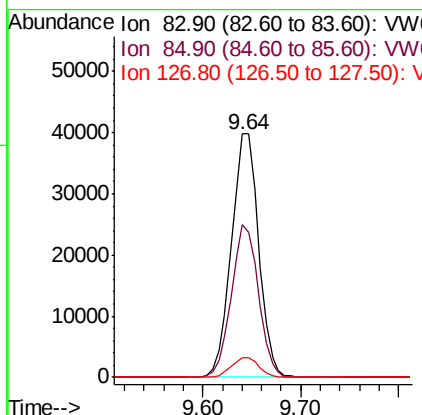
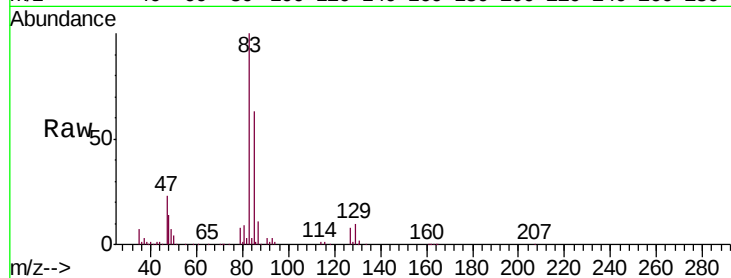
ClientSampleId :

VW0906SBS02

Tgt Ion:	83	Resp:	76894
Ion	Ratio	Lower	Upper
83	100		
85	63.0	49.4	74.2
127	8.3	6.1	9.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.620 ug/l

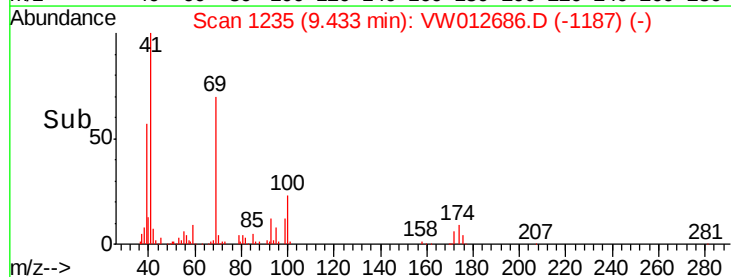
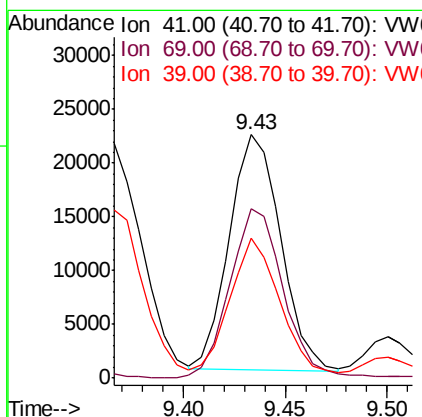
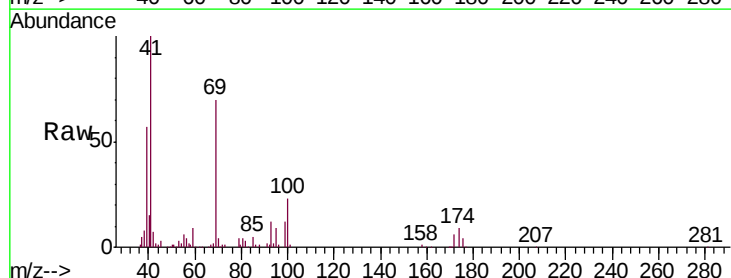
RT: 9.43 min Scan# 1235

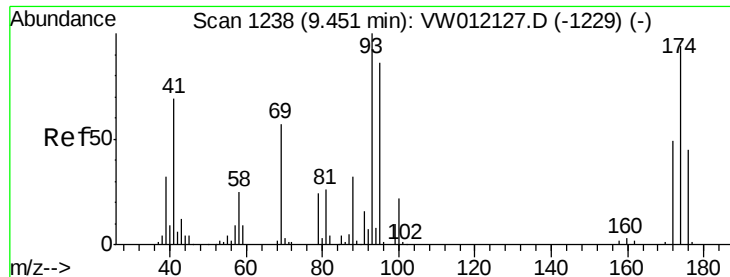
Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Tgt Ion:	41	Resp:	38271
Ion	Ratio	Lower	Upper
41	100		
69	76.2	56.7	85.1
39	54.3	42.0	63.0





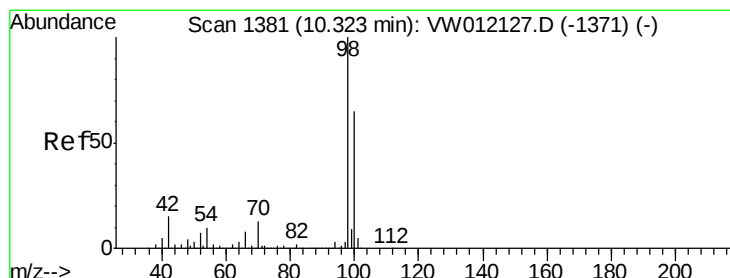
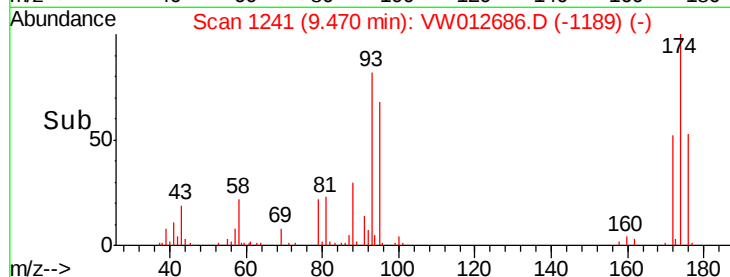
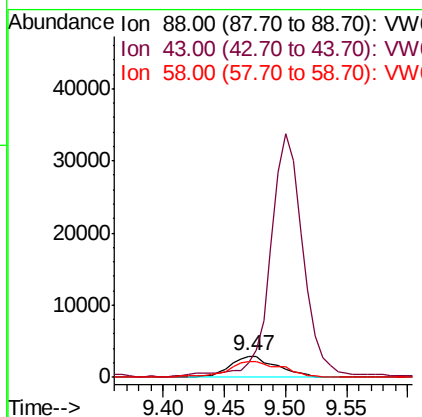
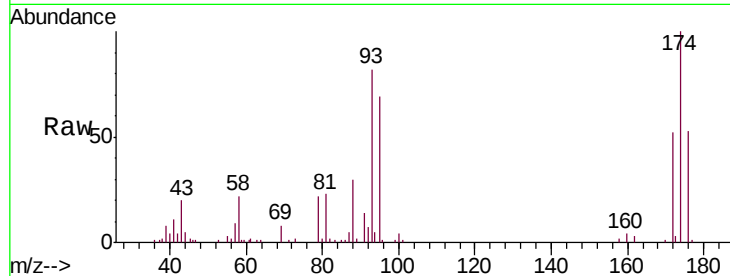
#49
1,4-Dioxane
Concen: 419.825 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.02 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.9	49.3#
58	87.6	71.0	106.4

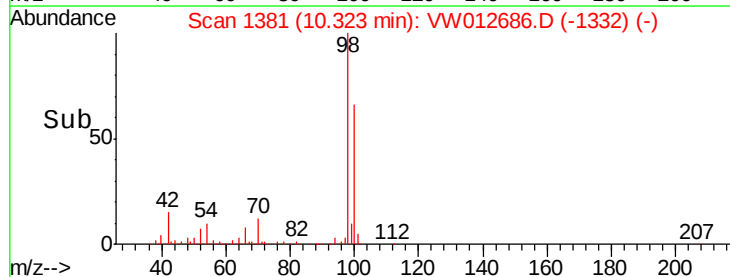
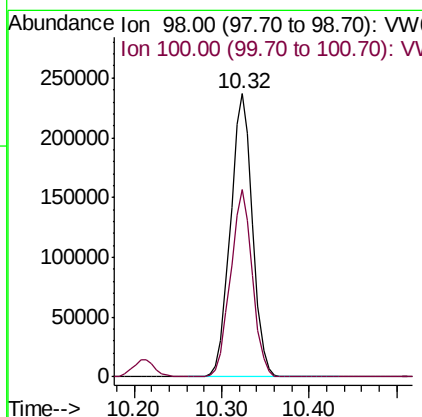
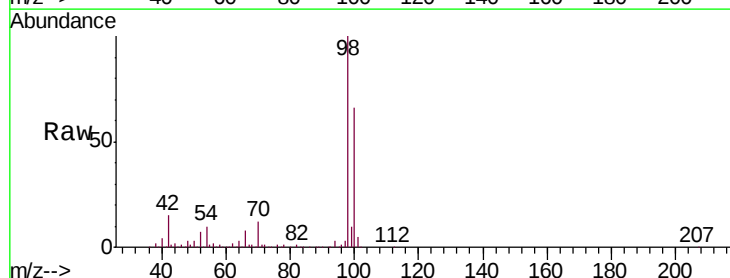
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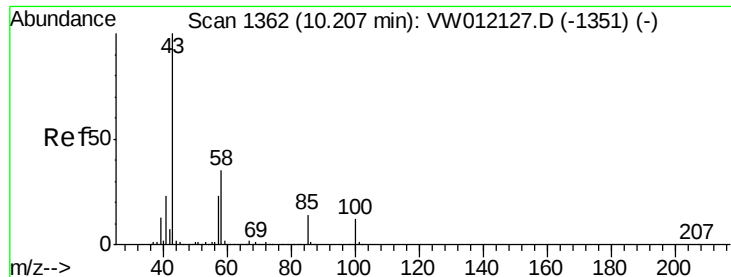
MMDadoda
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#50
Toluene-d8
Concen: 48.297 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 110.389 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tgt Ion: 43 Resp: 208825

Ion Ratio Lower Upper

43 100

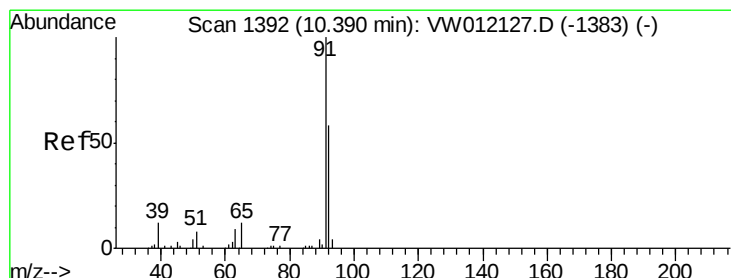
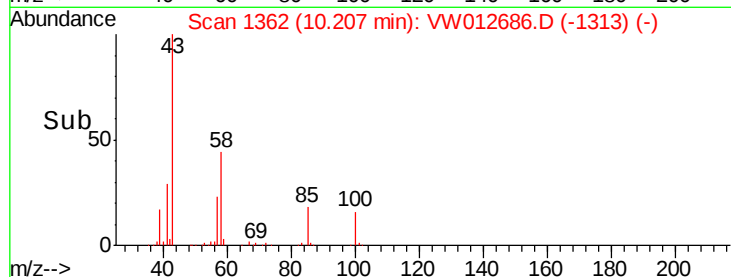
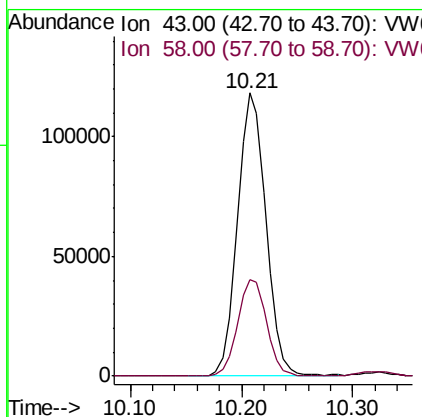
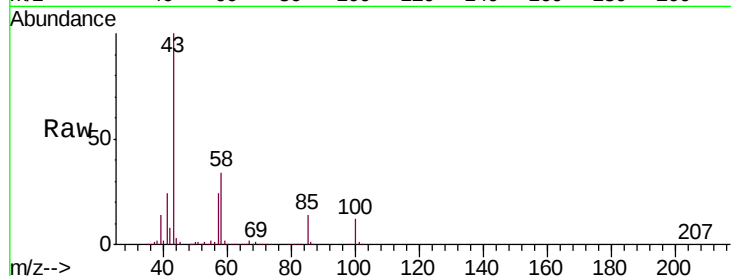
58 34.7 28.2 42.2

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#52

Toluene

Concen: 22.416 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012686.D

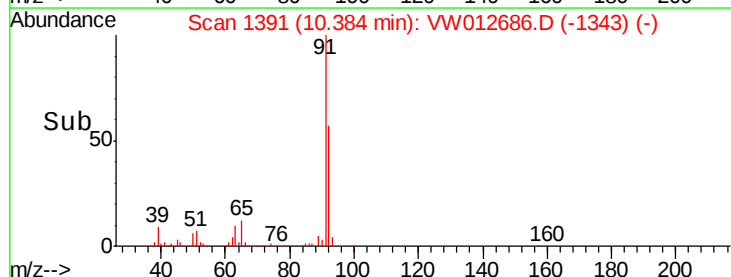
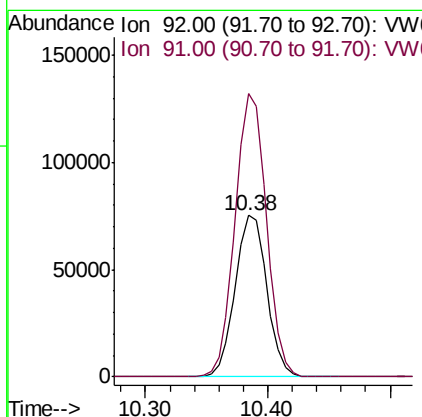
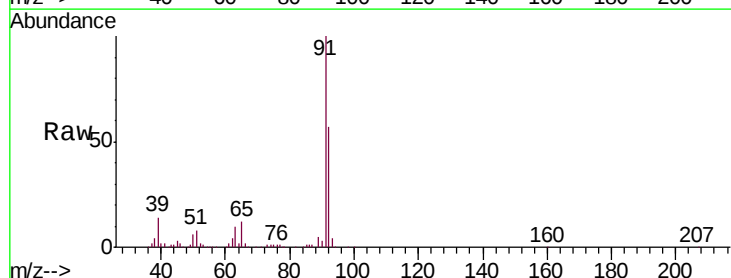
Acq: 06 Sep 2019 12:58

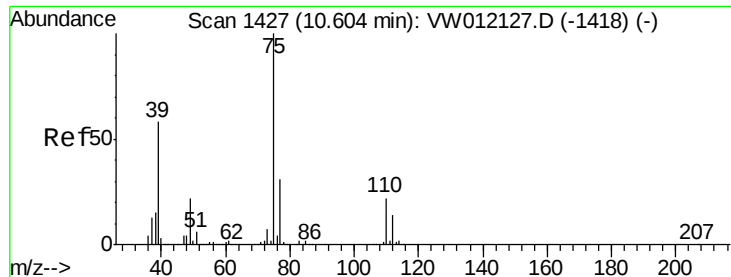
Tgt Ion: 92 Resp: 134736

Ion Ratio Lower Upper

92 100

91 174.0 136.6 204.8





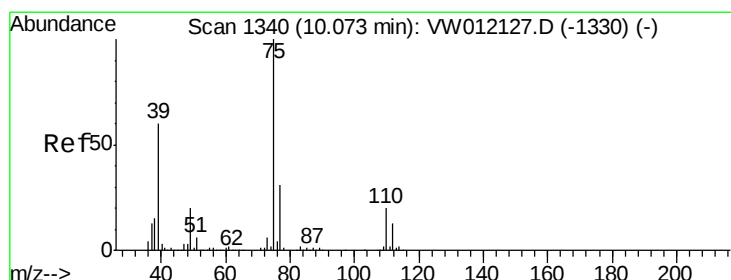
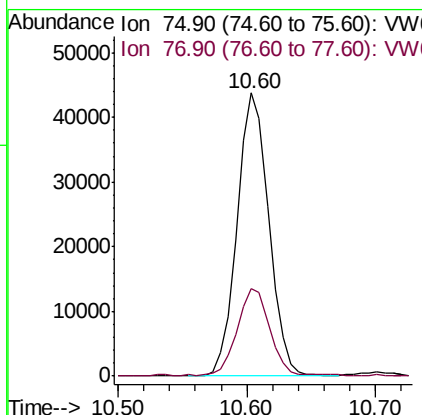
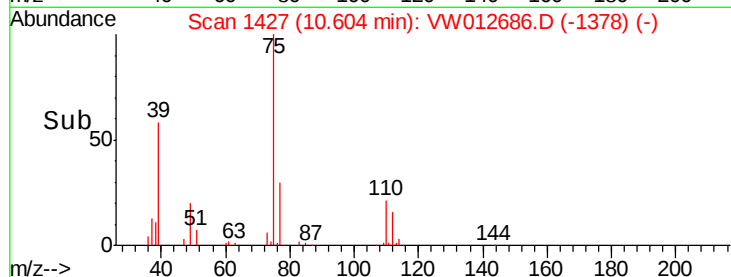
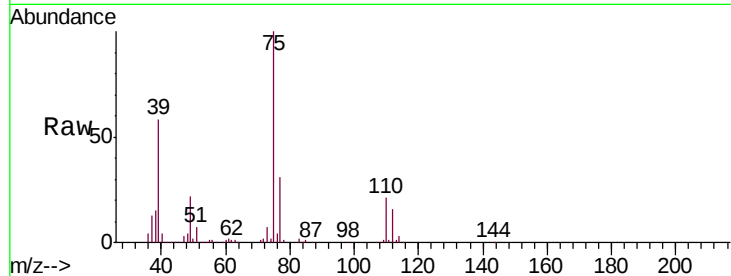
#53
 t-1,3-Dichloropropene
 Concen: 22.981 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion: 75 Resp: 74641
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.0 37.4

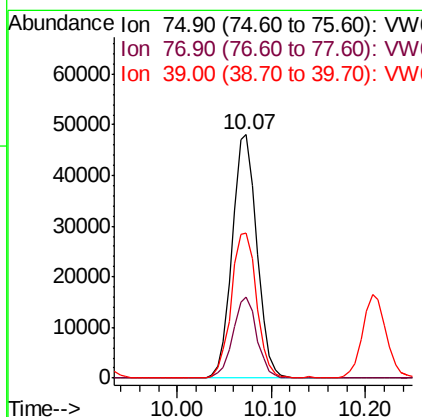
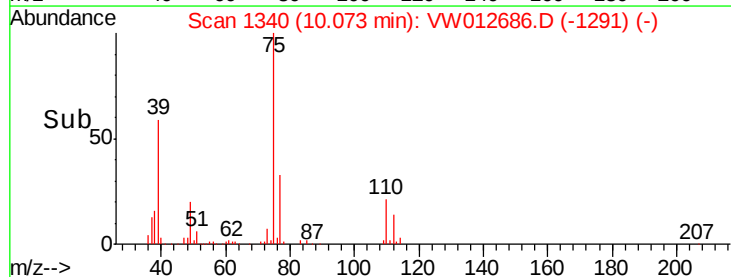
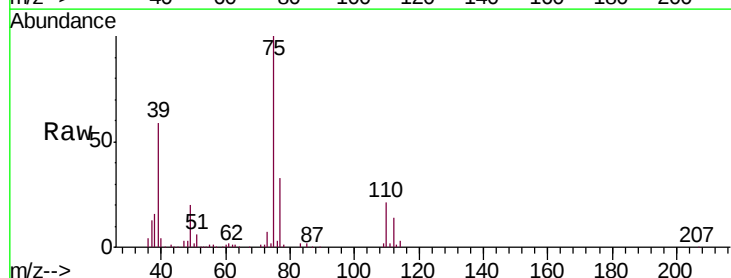
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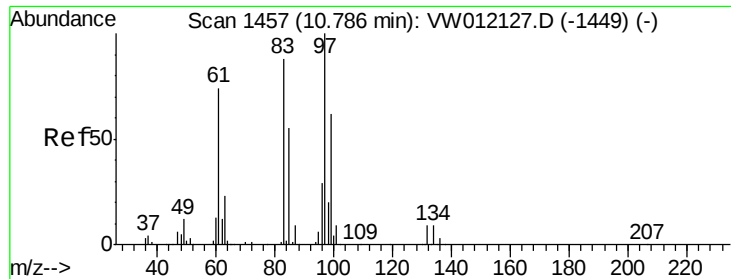
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 22.226 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion: 75 Resp: 87163
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.1 37.7
 39 59.3 48.3 72.5





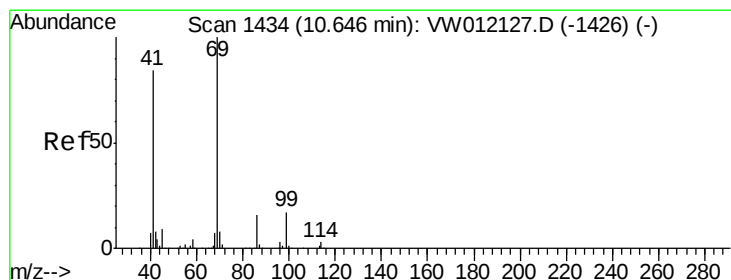
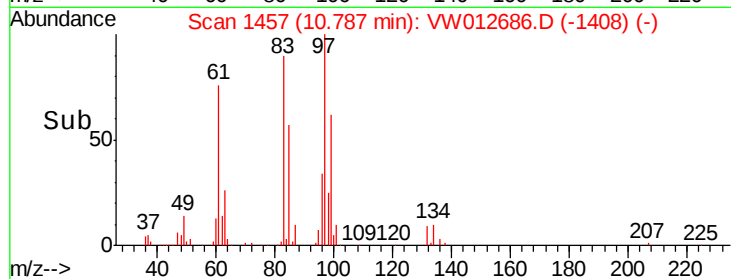
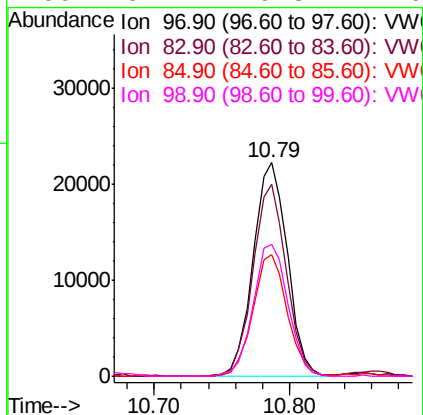
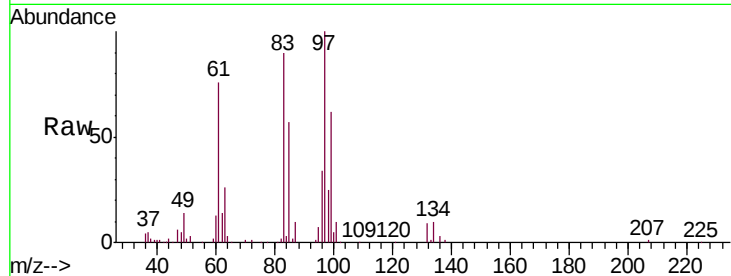
#55
 1,1,2-Trichloroethane
 Concen: 23.222 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion:	97	Resp:	39363
Ion	Ratio	Lower	Upper
97	100		
83	89.9	70.8	106.2
85	56.9	43.8	65.8
99	61.7	49.8	74.6

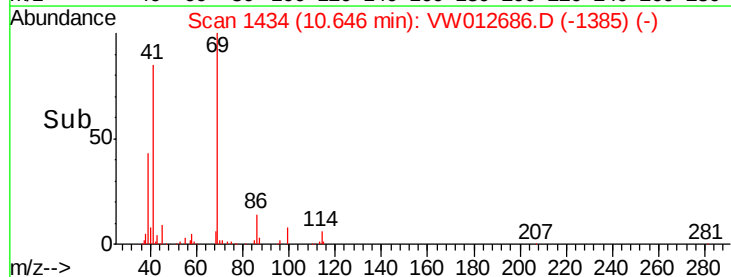
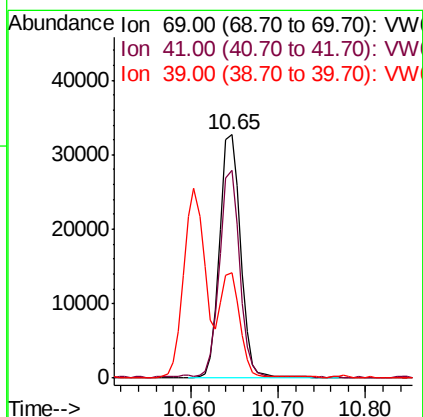
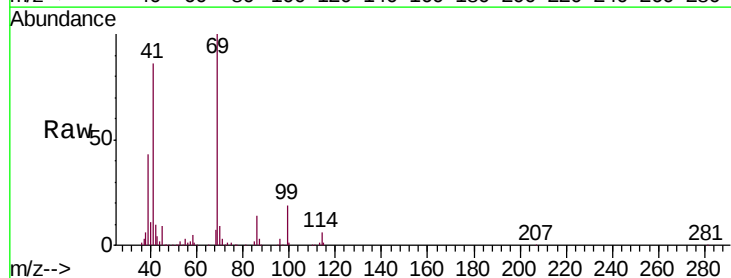
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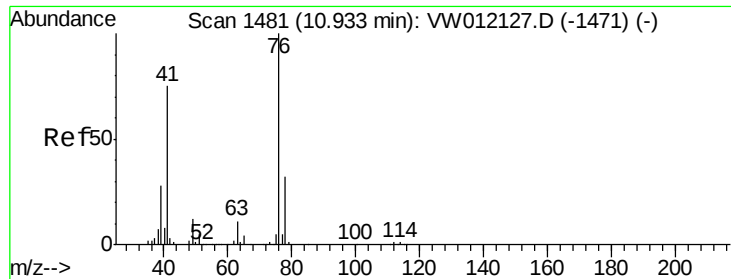
MMDadoda
 9/9/2019 4:45:09 AM



#56
 Ethyl methacrylate
 Concen: 22.064 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion:	69	Resp:	54433
Ion	Ratio	Lower	Upper
69	100		
41	81.9	66.5	99.7
39	38.5	31.0	46.4





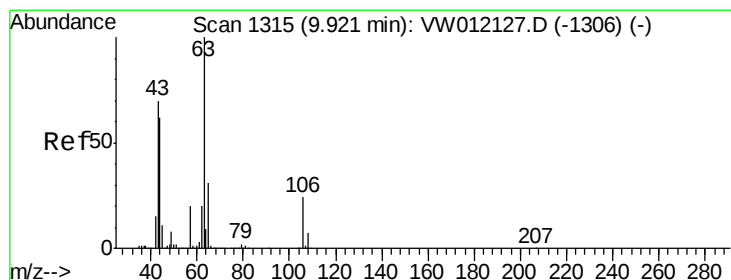
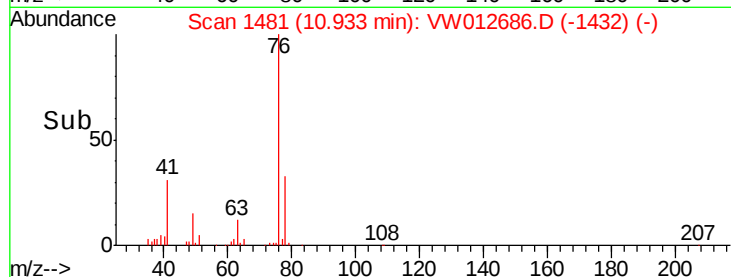
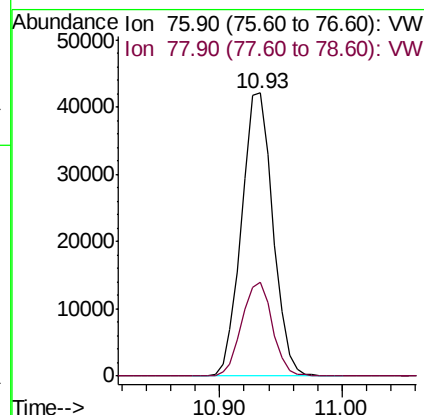
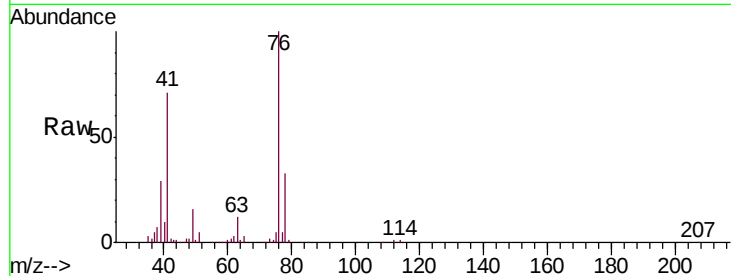
#57
 1,3-Dichloropropane
 Concen: 23.363 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion: 76 Resp: 74840
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8

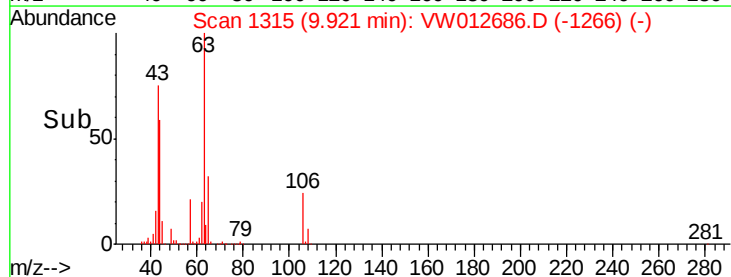
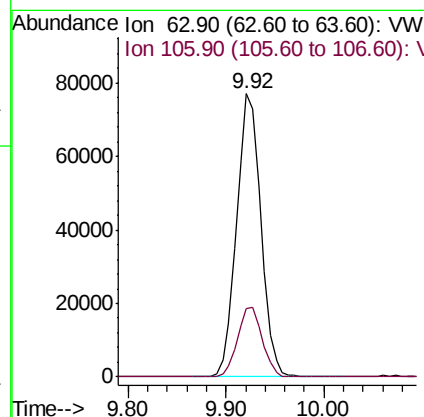
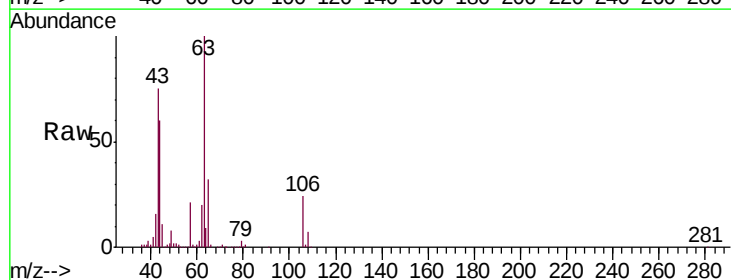
Manual Integrations
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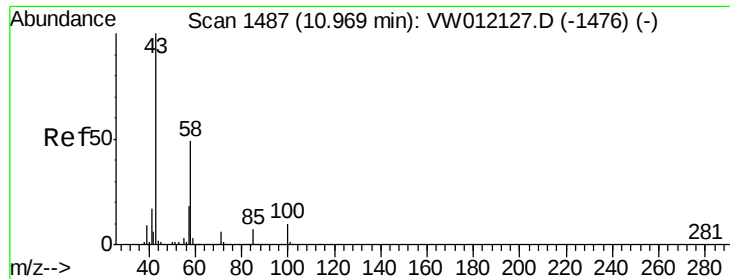
MMDadoda
 9/9/2019 4:45:09 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.153 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion: 63 Resp: 133140
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.8 29.8





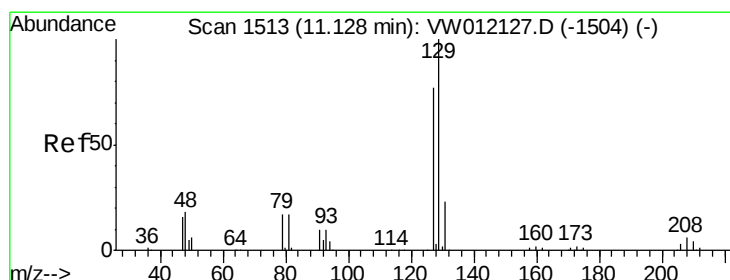
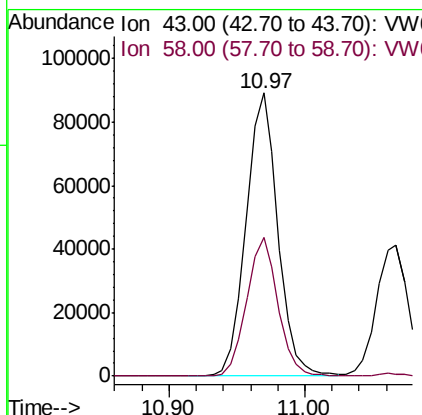
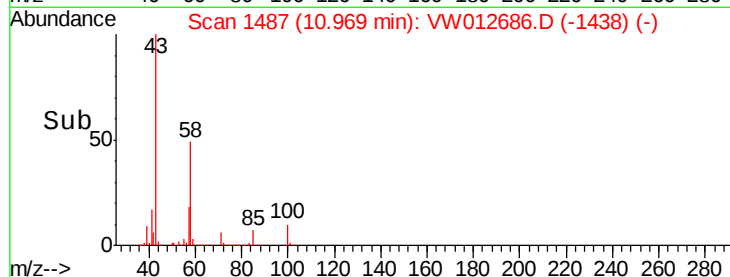
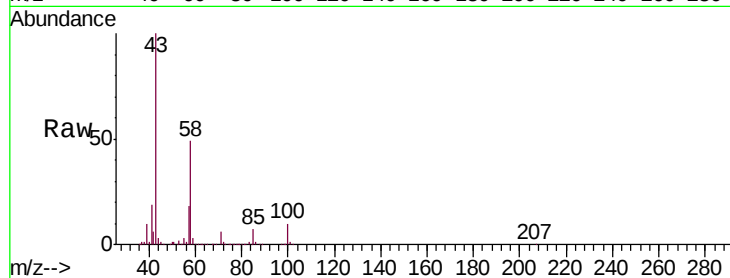
#59
2-Hexanone
Concen: 108.532 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion: 43 Resp: 145272
Ion Ratio Lower Upper
43 100
58 48.3 24.3 72.9

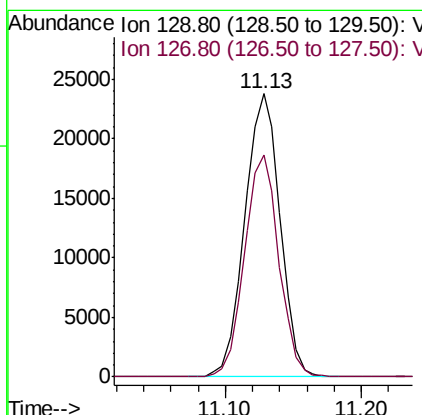
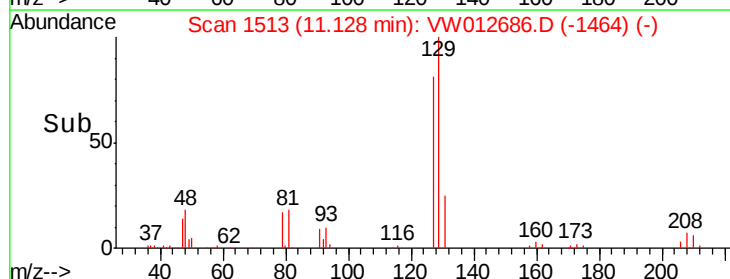
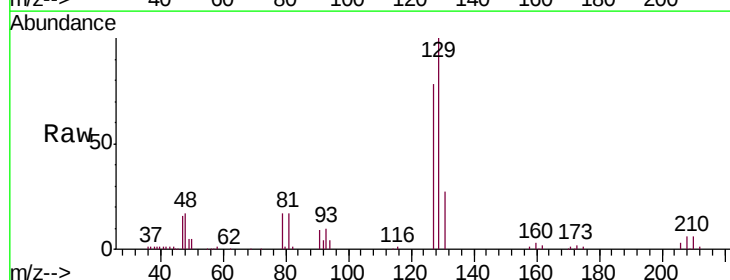
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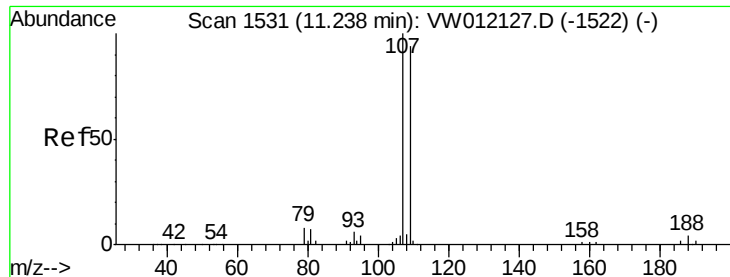
MMDadoda
9/9/2019 4:45:09 AM



#60
Dibromochloromethane
Concen: 22.818 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion: 129 Resp: 43081
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





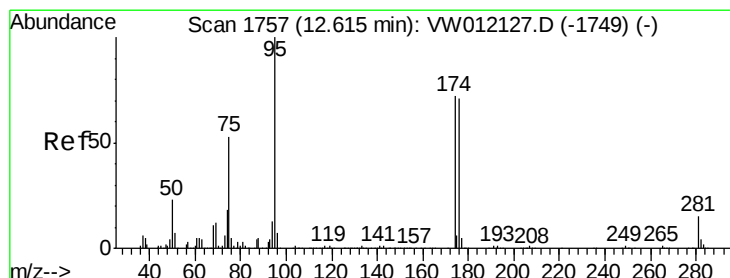
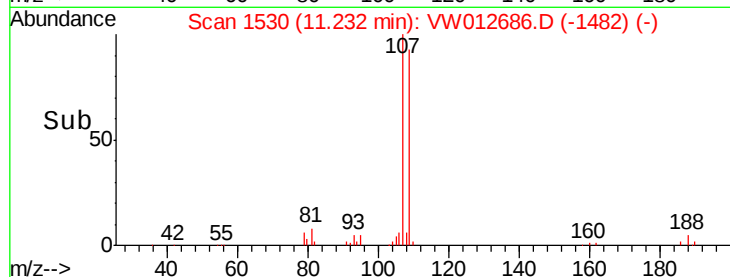
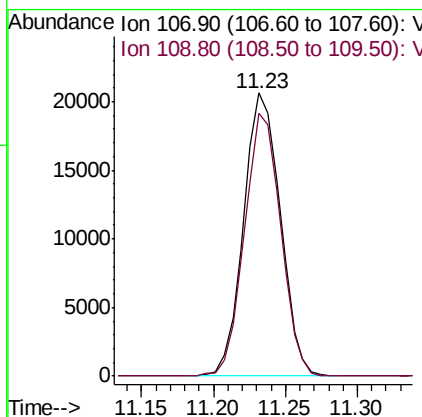
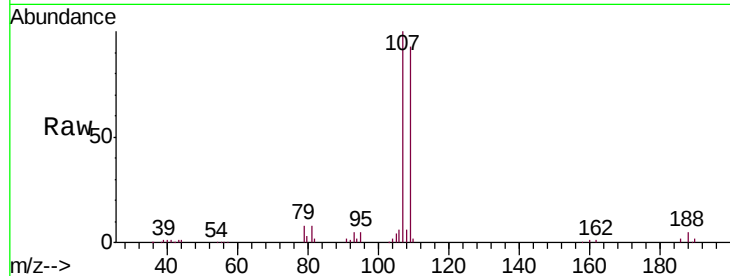
#61
 1,2-Dibromoethane
 Concen: 23.050 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion	Ratio	Lower	Upper
107	100		
109	91.8	75.4	113.2

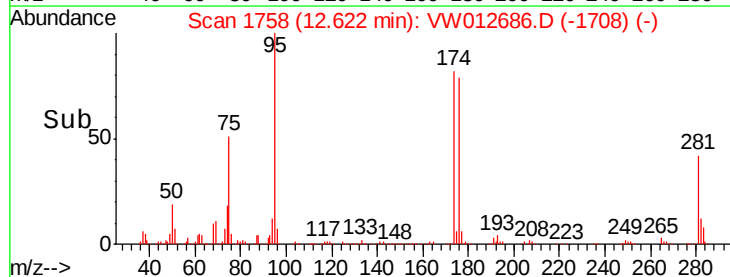
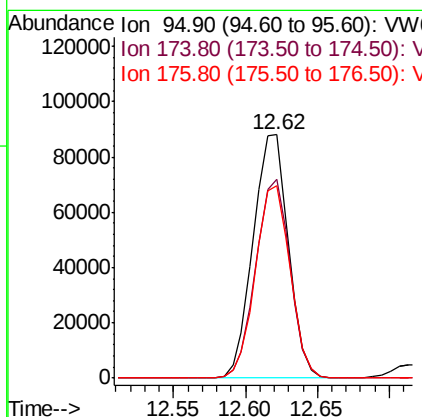
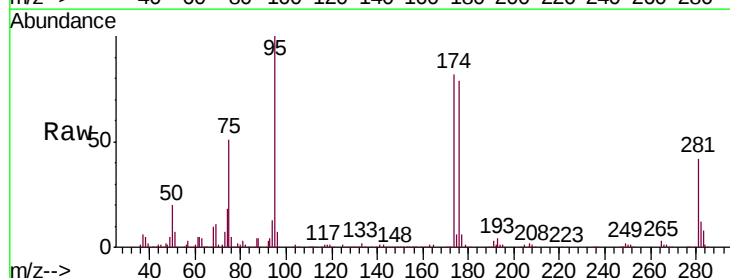
Manual Integrations
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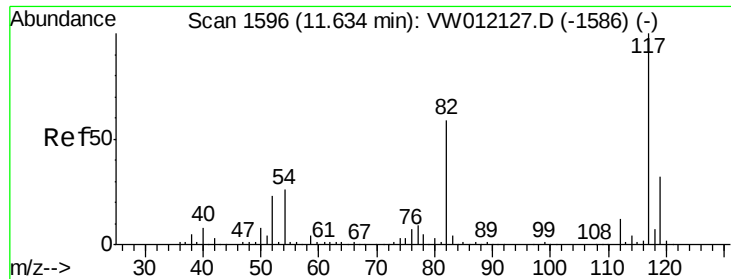
MMDadoda
 9/9/2019 4:45:09 AM



#62
 4-Bromofluorobenzene
 Concen: 49.244 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	150.8
176	77.8	0.0	148.6





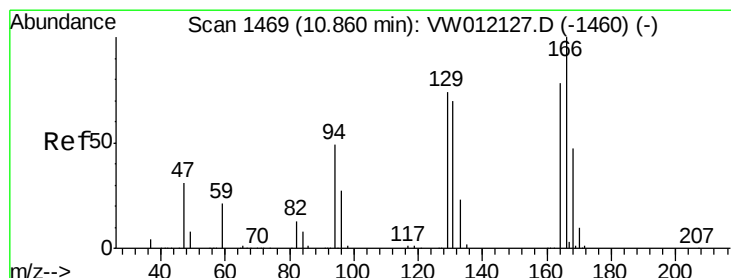
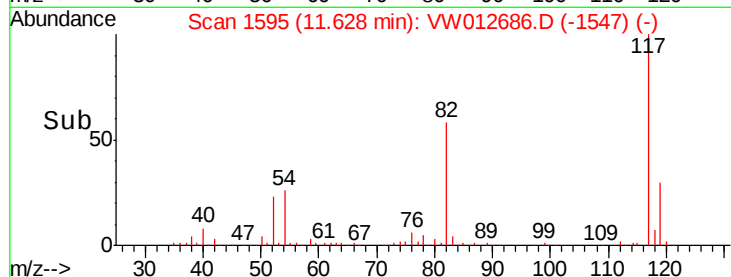
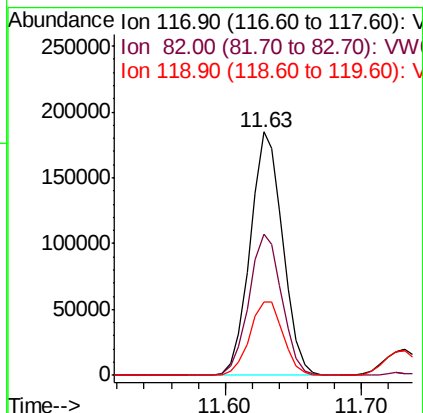
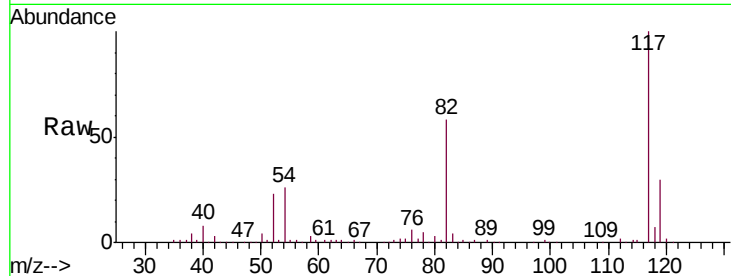
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	308537		
82	57.9	47.4	71.2	
119	30.1	25.4	38.2	

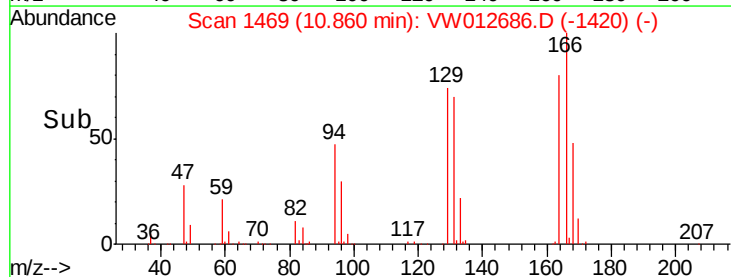
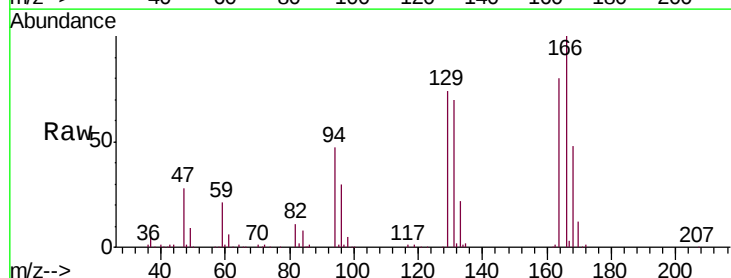
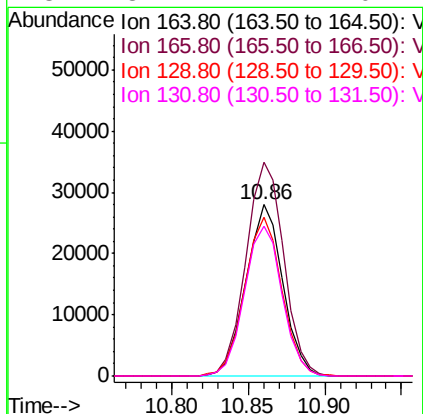
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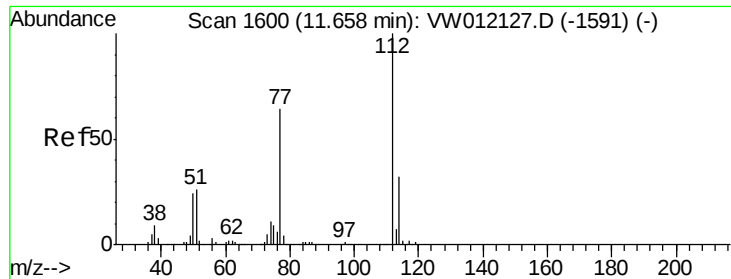
MMDadoda
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#64
Tetrachloroethene
Concen: 23.398 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	46803		
166	124.8	102.4	153.6	
129	92.7	75.8	113.6	
131	87.2	71.4	107.2	





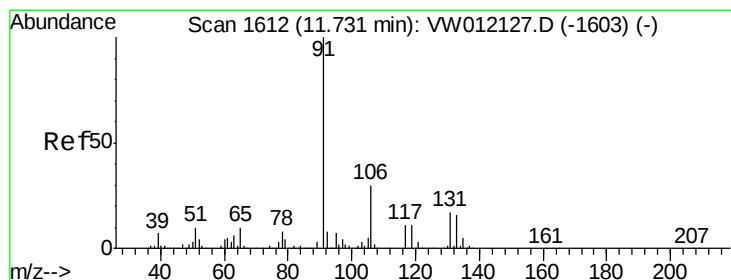
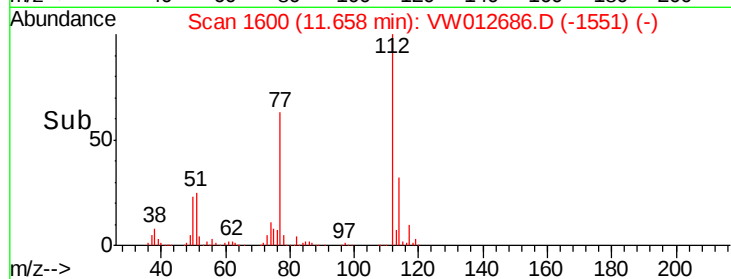
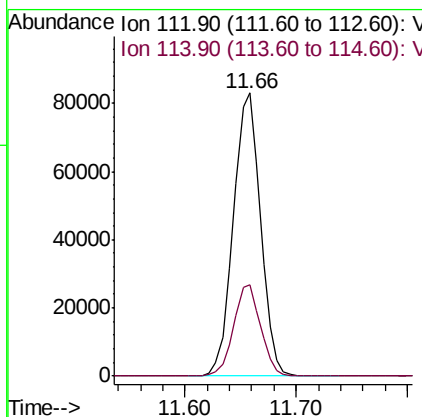
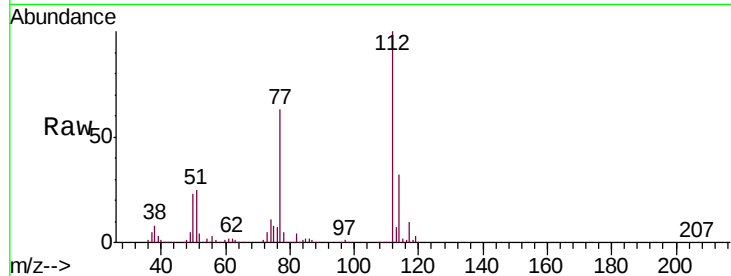
#65
Chlorobenzene
Concen: 23.063 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	140116		
114	32.1	25.8	38.6	

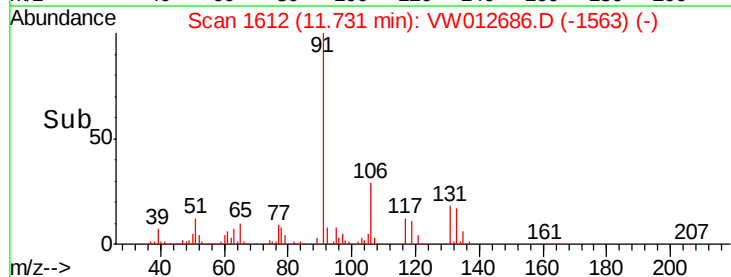
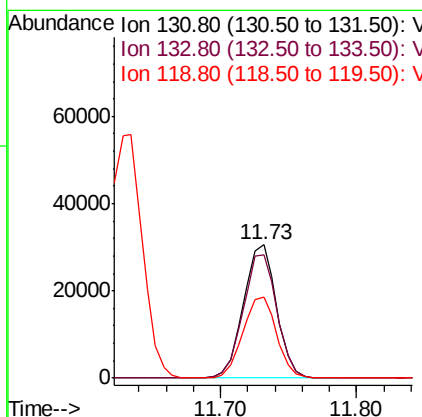
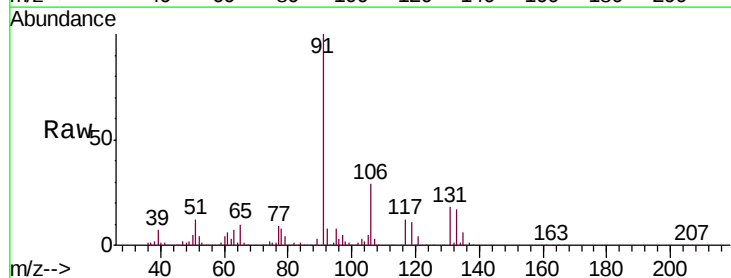
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#66
1,1,1,2-Tetrachloroethane
Concen: 24.529 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	51987		
133	94.6	47.1	141.3	
119	61.5	31.8	95.3	





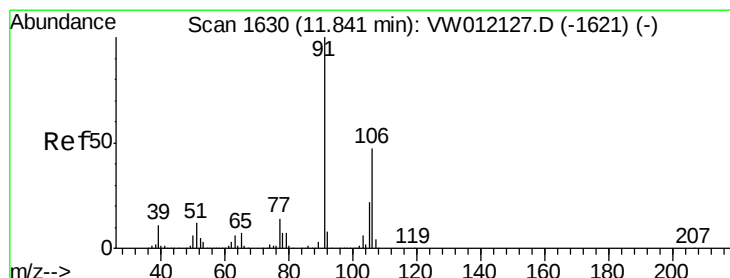
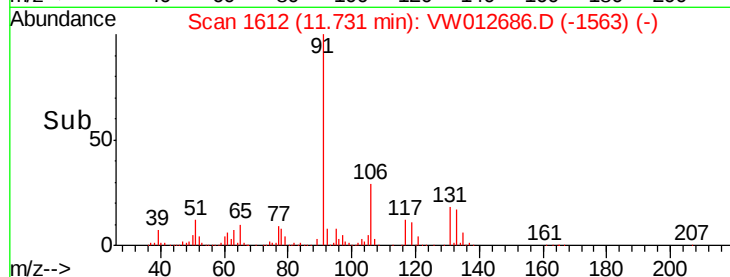
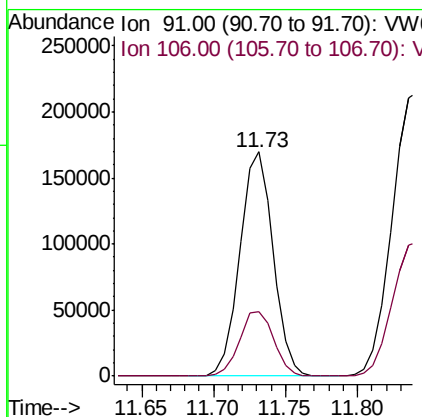
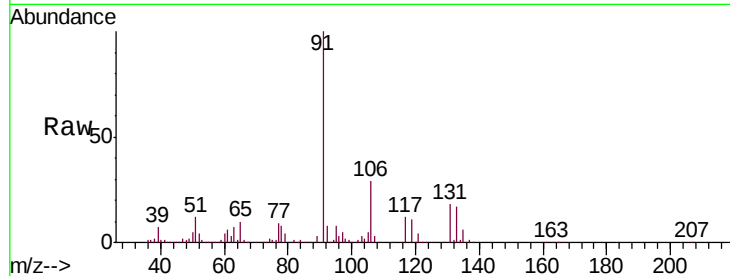
#67
Ethyl Benzene
Concen: 23.200 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion: 91 Resp: 271508
Ion Ratio Lower Upper
91 100
106 28.5 24.3 36.5

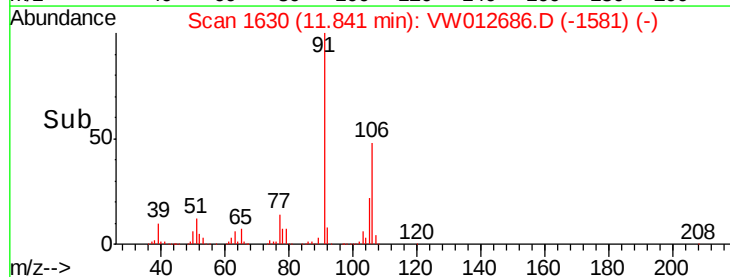
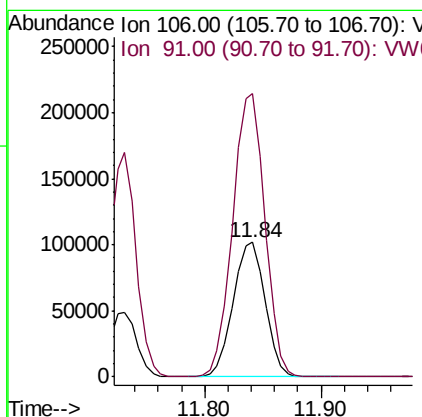
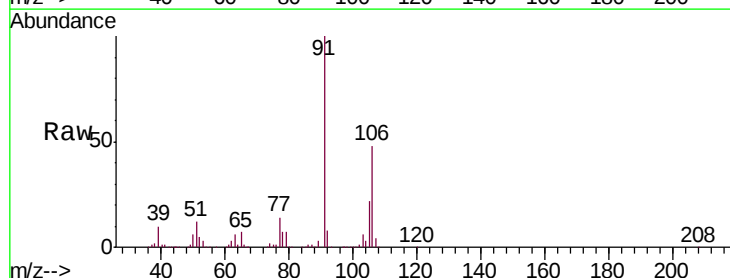
Manual Integrations
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#68
m/p-Xylenes
Concen: 46.266 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion: 106 Resp: 195041
Ion Ratio Lower Upper
106 100
91 211.1 169.5 254.3





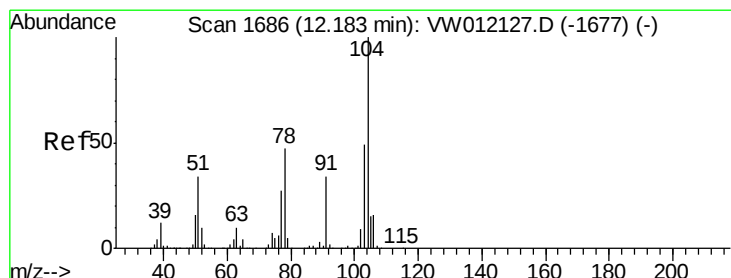
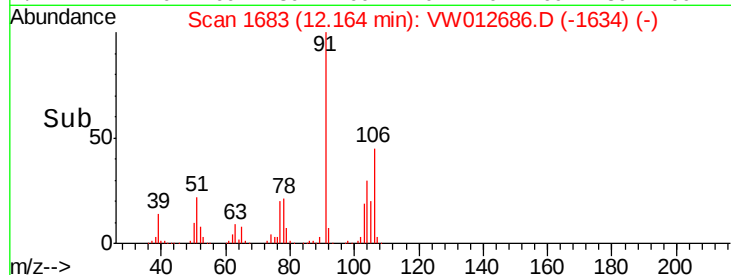
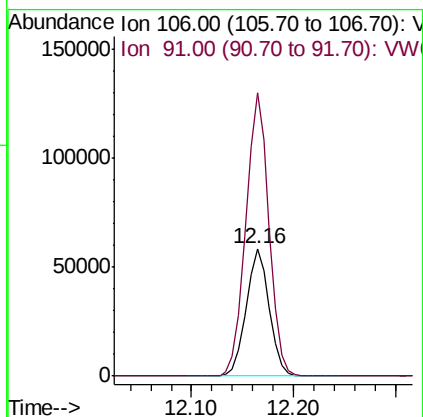
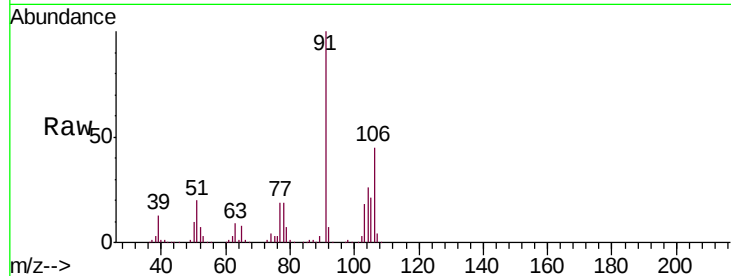
#69
o-Xylene
Concen: 23.540 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS02

Tgt Ion:106 Resp: 91844
Ion Ratio Lower Upper
106 100
91 222.7 111.6 334.6

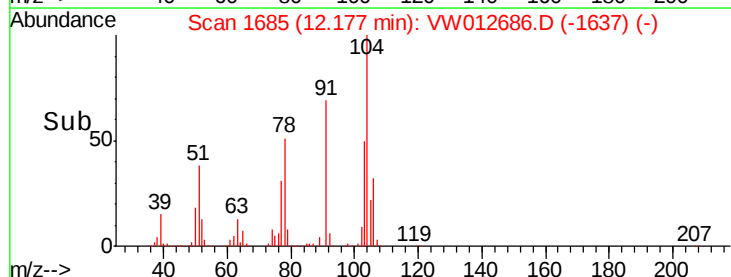
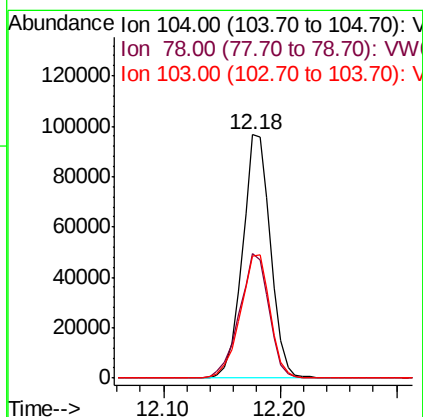
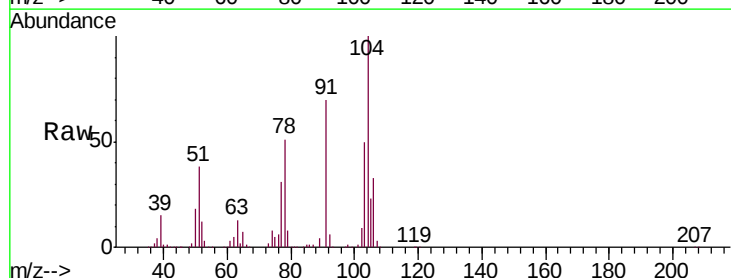
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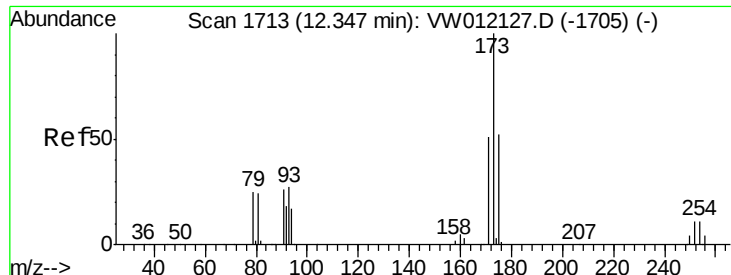
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#70
Styrene
Concen: 23.892 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion:104 Resp: 161353
Ion Ratio Lower Upper
104 100
78 54.1 43.1 64.7
103 54.0 43.5 65.3





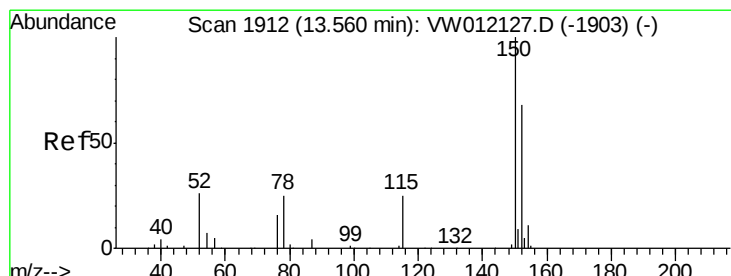
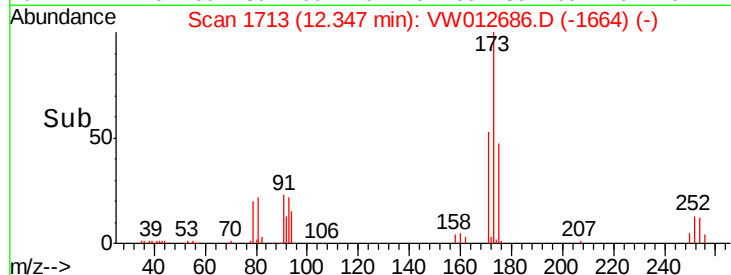
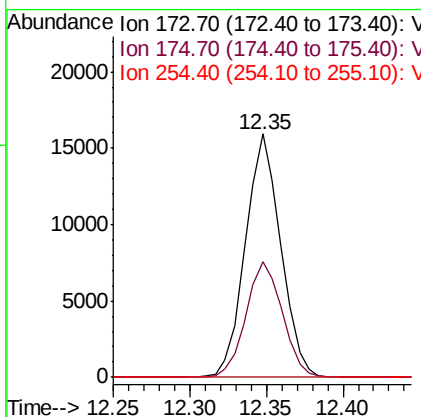
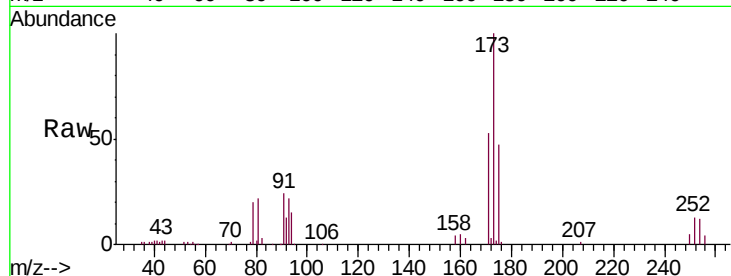
#71
Bromoform
Concen: 24.201 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	74.0
254	0.0	0.2	0.2

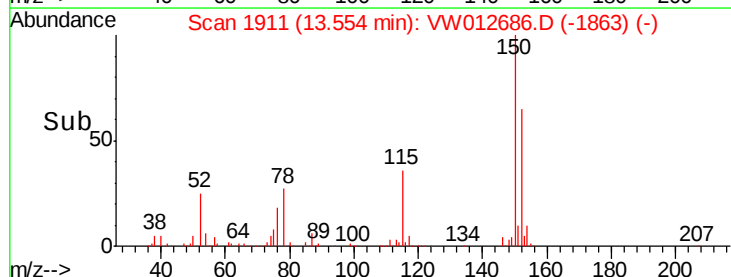
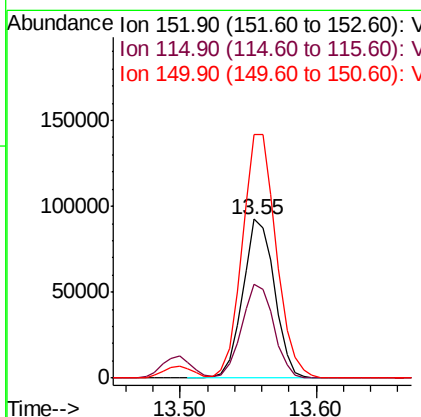
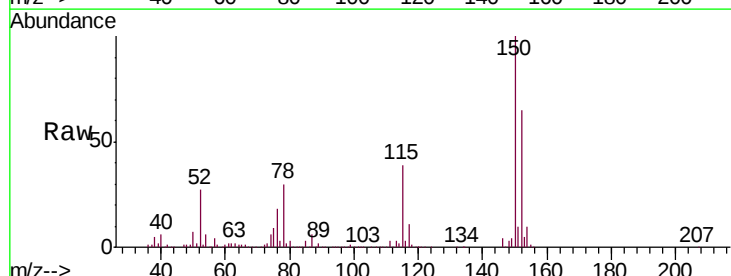
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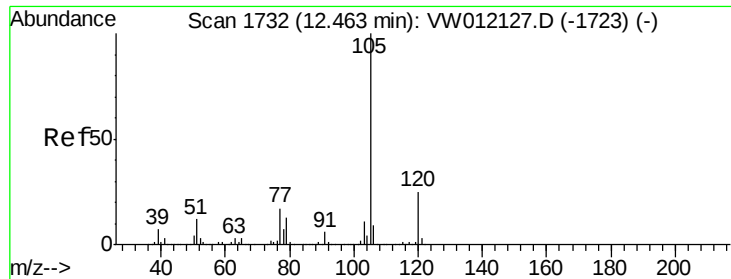
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.1	90.3
150	164.1	0.0	345.8





#73

Isopropylbenzene

Concen: 23.178 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tgt Ion: 105 Resp: 261711

Ion Ratio Lower Upper

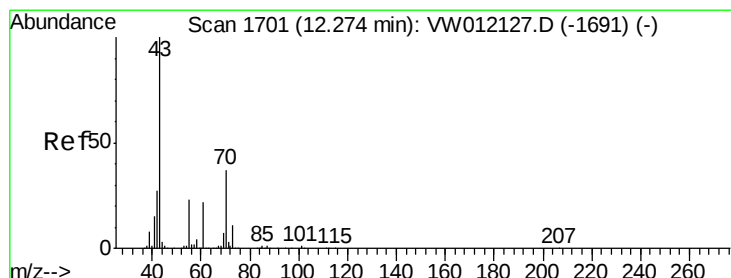
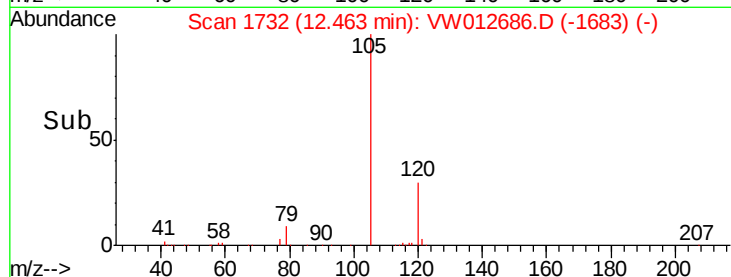
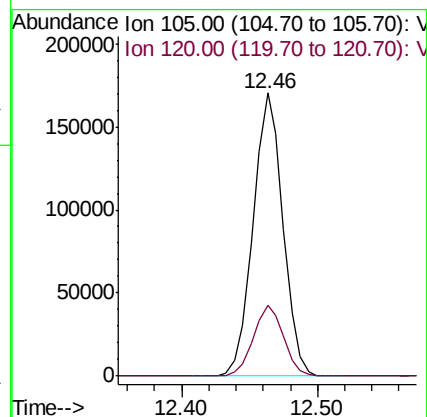
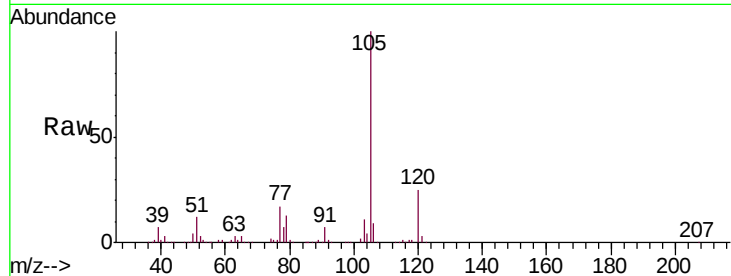
105 100

120 25.3 12.5 37.5

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#74

N-ethyl acetate

Concen: 21.232 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Tgt Ion: 43 Resp: 72430

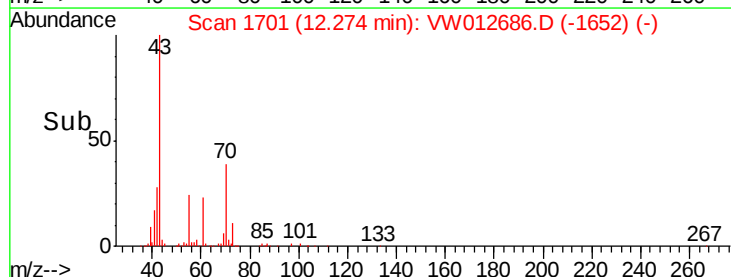
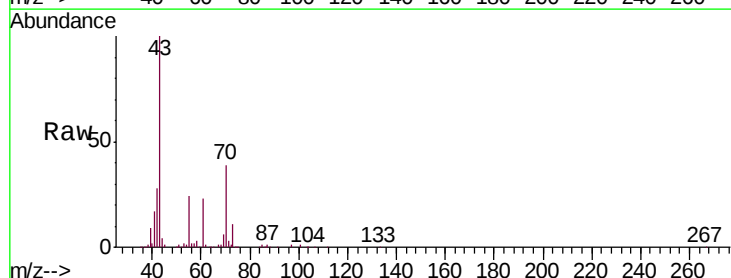
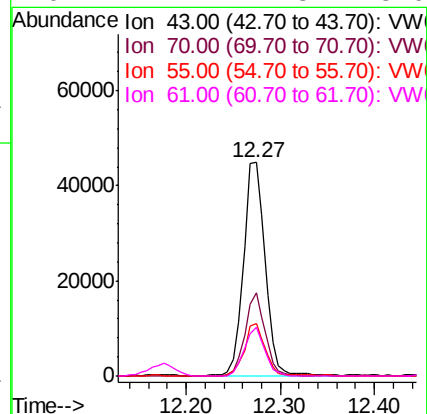
Ion Ratio Lower Upper

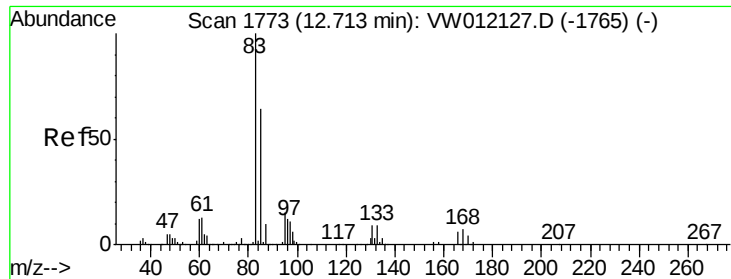
43 100

70 35.8 28.6 43.0

55 23.7 17.8 26.6

61 21.4 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.970 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

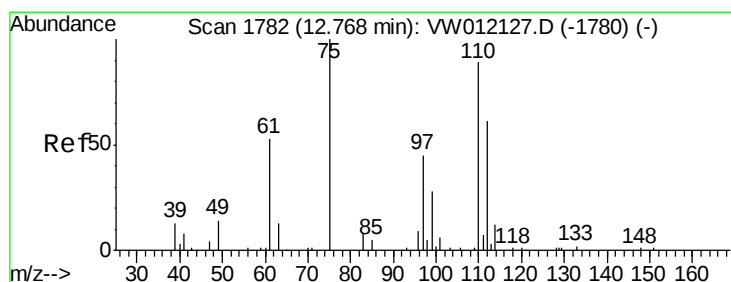
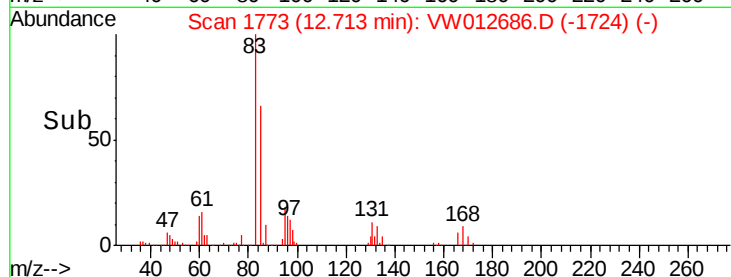
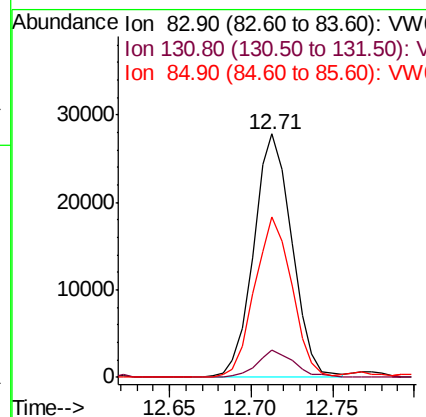
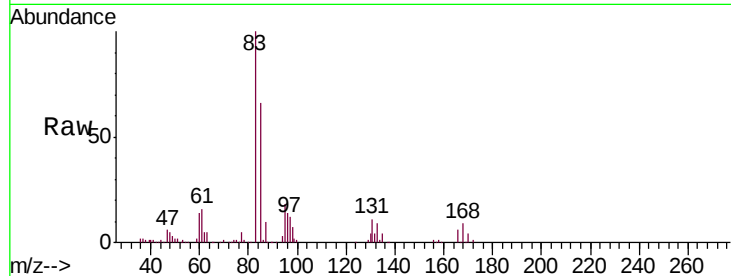
ClientSampleId :

VW0906SBS02

Tgt Ion:	83	Resp:	45478
Ion Ratio	Lower	Upper	
83	100		
131	11.0	4.9	14.7
85	64.4	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 21.037 ug/l m

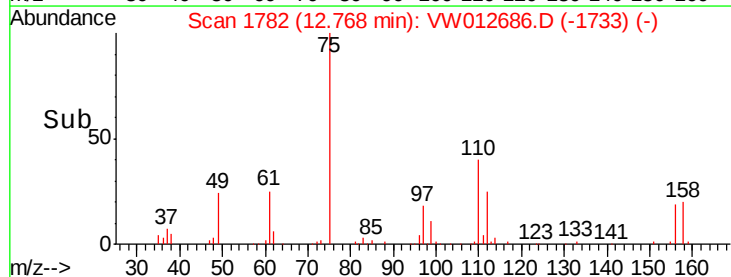
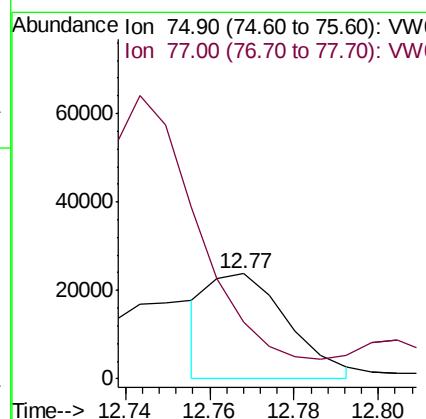
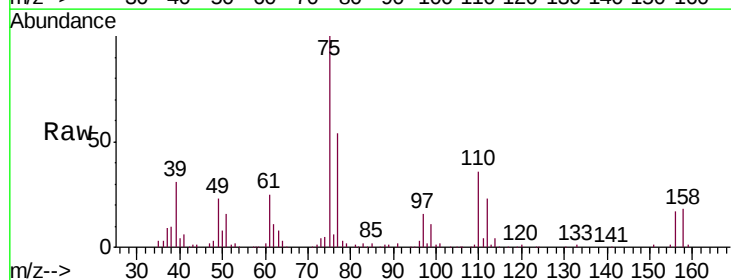
RT: 12.77 min Scan# 1782

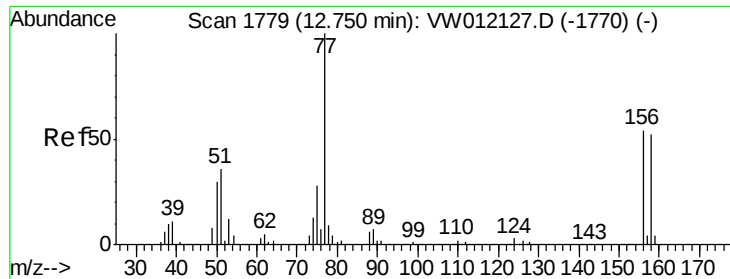
Delta R.T. 0.00 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Tgt Ion:	75	Resp:	30873
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 23.706 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012686.D

Acq: 06 Sep 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS02

Tgt Ion:156 Resp: 57908

Ion Ratio Lower Upper

156 100

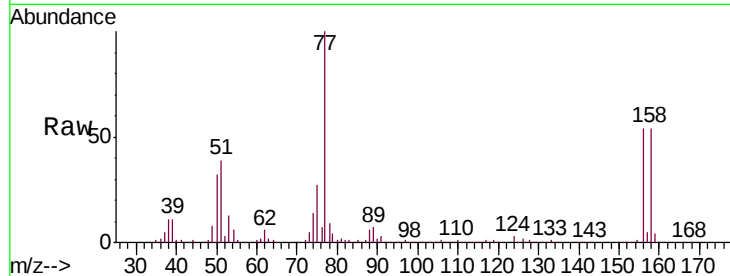
77 199.8 107.3 321.8

158 97.0 49.0 147.0

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MMDadoda

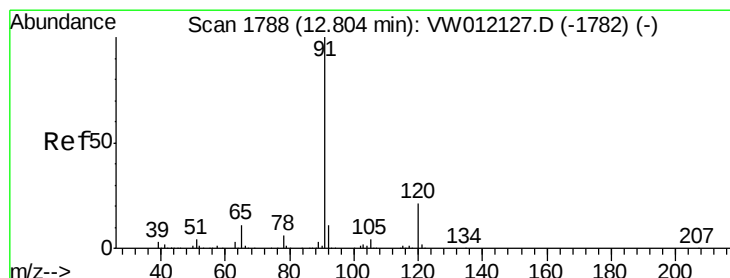
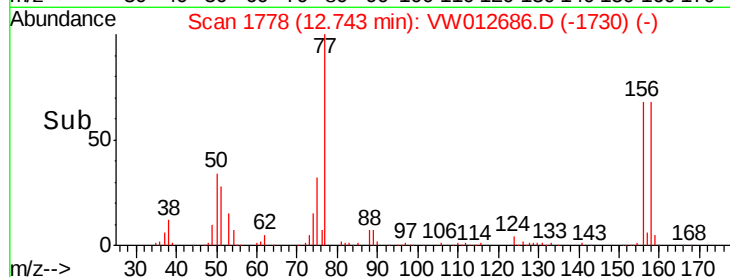
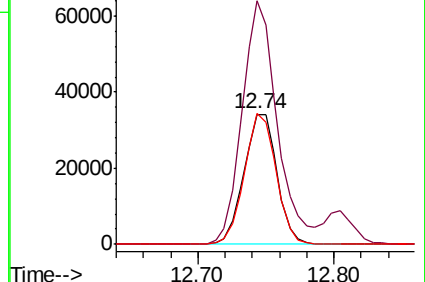
9/9/2019 4:45:09 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 23.053 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012686.D

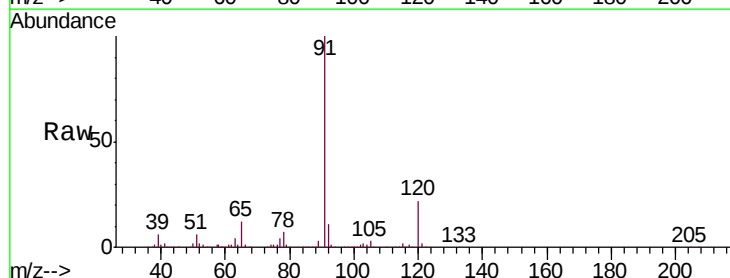
Acq: 06 Sep 2019 12:58

Tgt Ion: 91 Resp: 317771

Ion Ratio Lower Upper

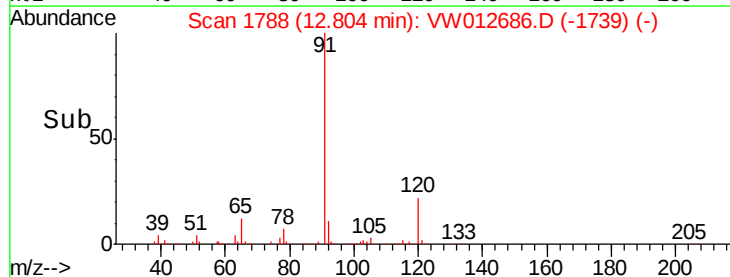
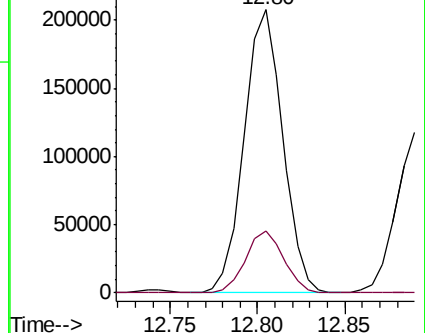
91 100

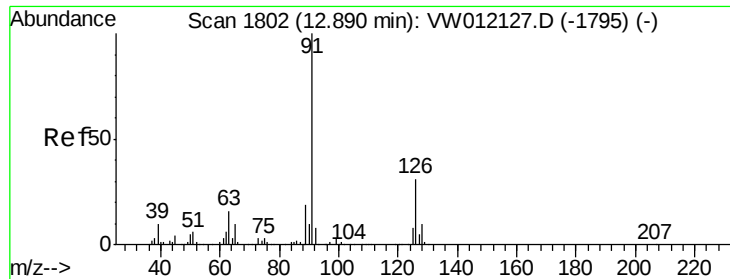
120 21.8 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





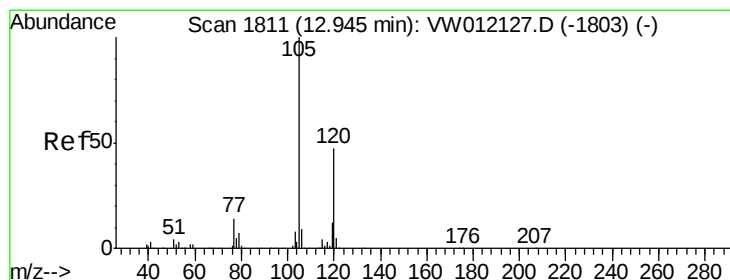
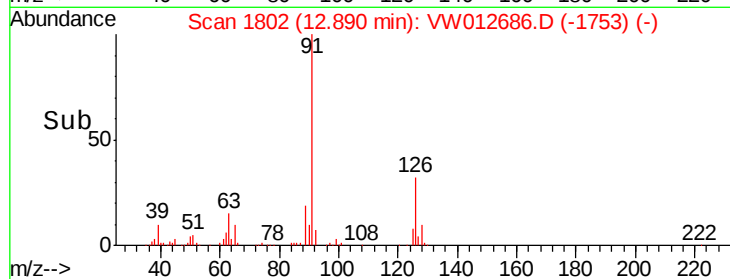
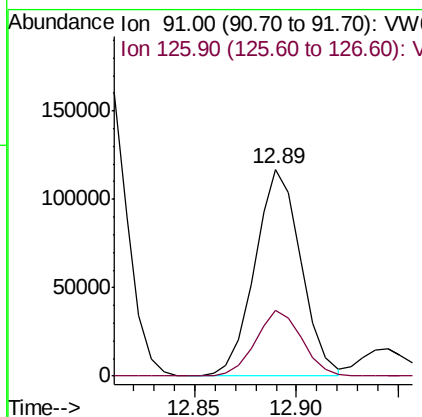
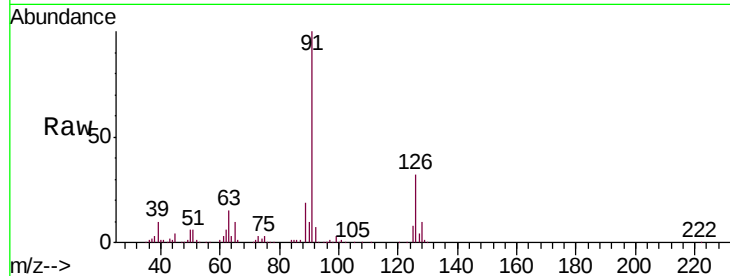
#79
2-Chlorotoluene
Concen: 23.478 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion: 91 Resp: 183736
Ion Ratio Lower Upper
91 100
126 32.0 15.7 47.0

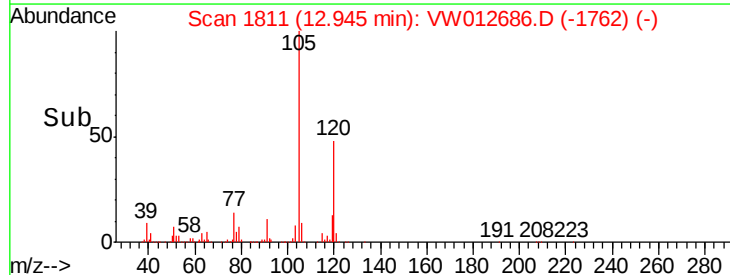
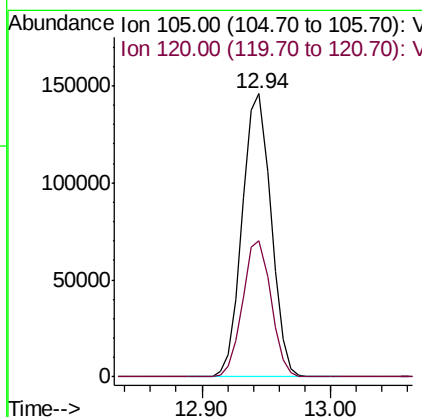
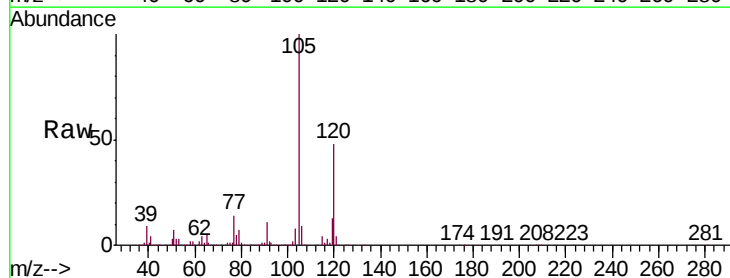
Manual Integrations
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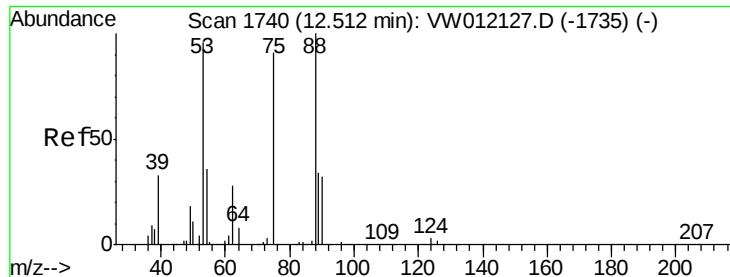
MMDadoda
9/9/2019 4:45:09 AM



#80
1,3,5-Trimethylbenzene
Concen: 23.882 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion: 105 Resp: 225323
Ion Ratio Lower Upper
105 100
120 47.5 24.0 72.0





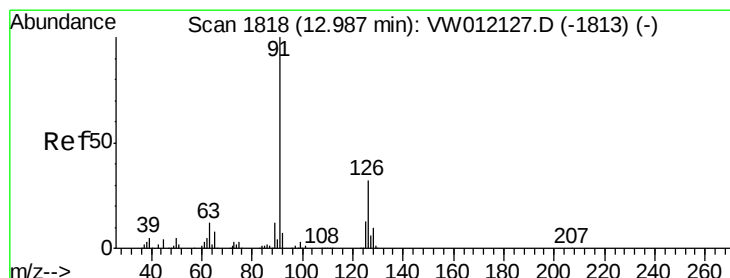
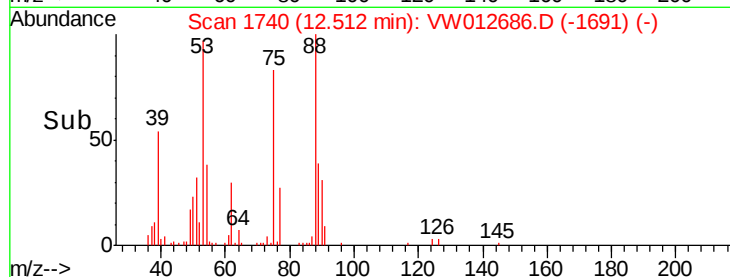
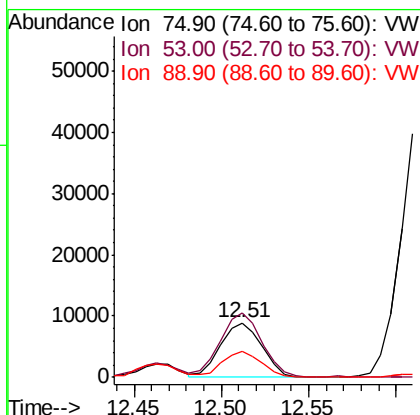
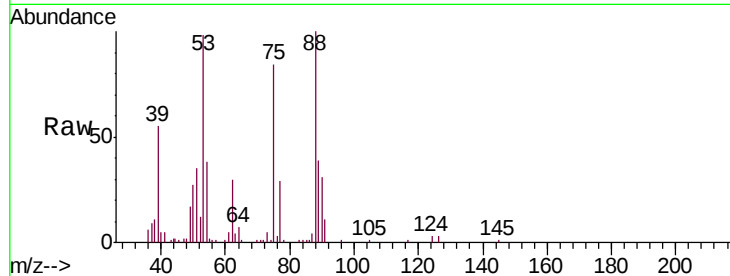
#81
trans-1,4-Dichloro-2-butene
Concen: 22.205 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	115.5	89.4	134.0
89	43.5	34.5	51.7

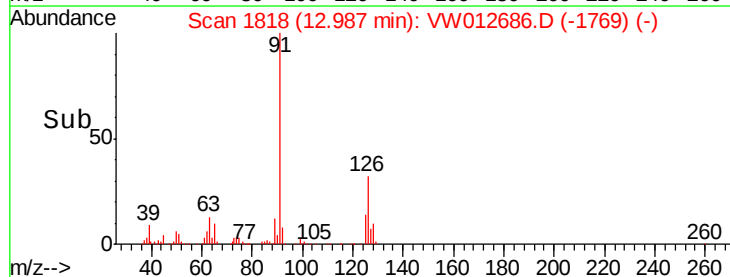
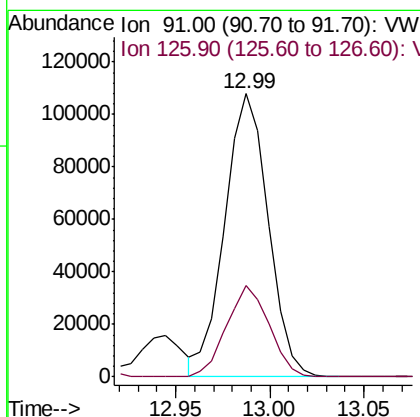
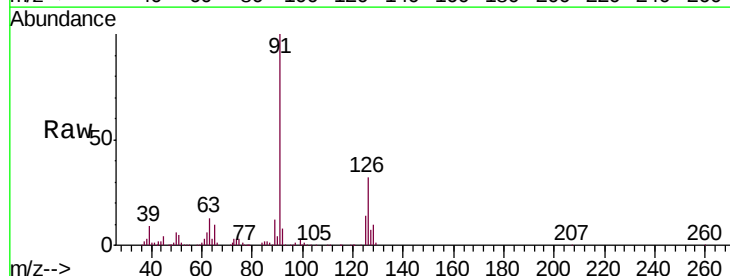
Manual Integrations
APPROVED

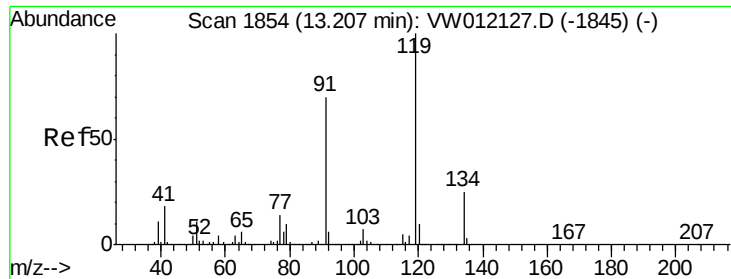
MMDadoda
9/9/2019 4:45:09 AM



#82
4-Chlorotoluene
Concen: 21.016 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.6	46.8





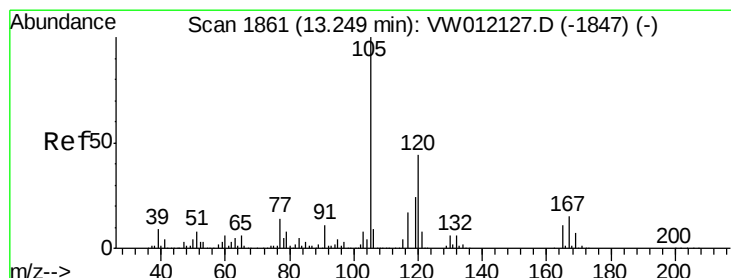
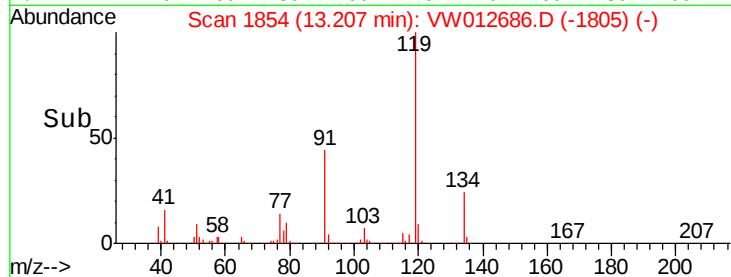
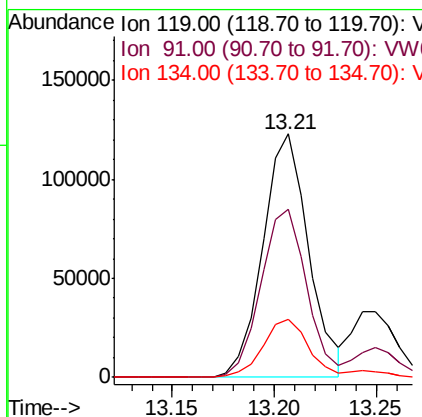
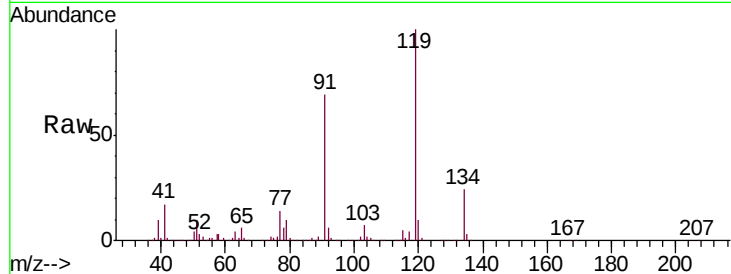
#83
 tert-Butylbenzene
 Concen: 24.104 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	192646		
91	68.9	34.8	104.3	
134	24.1	13.3	39.8	

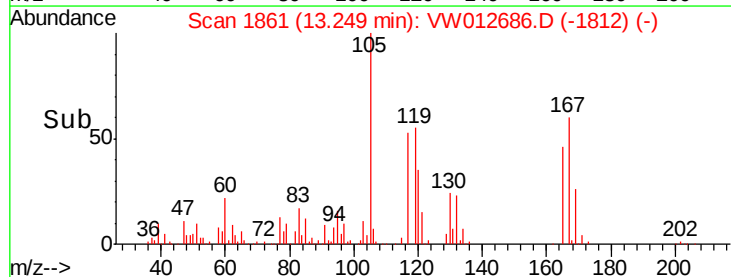
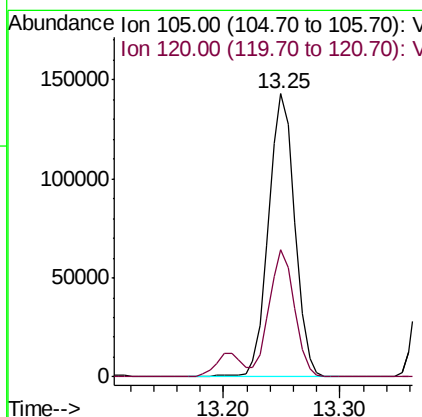
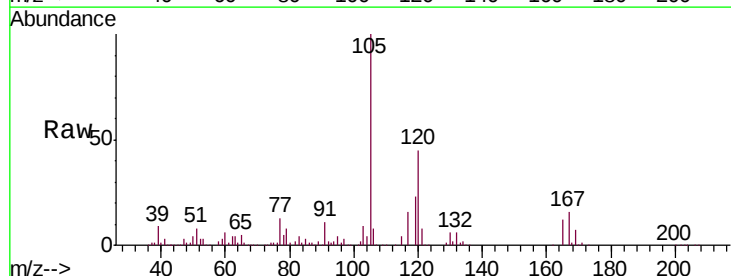
Manual Integrations
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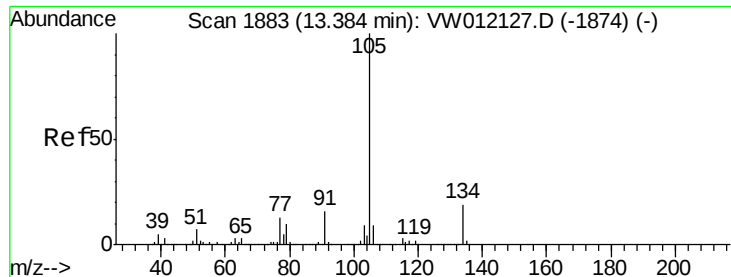
MMDadoda
 9/9/2019 4:45:09 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 23.795 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225518		
120	43.1	21.9	65.7	





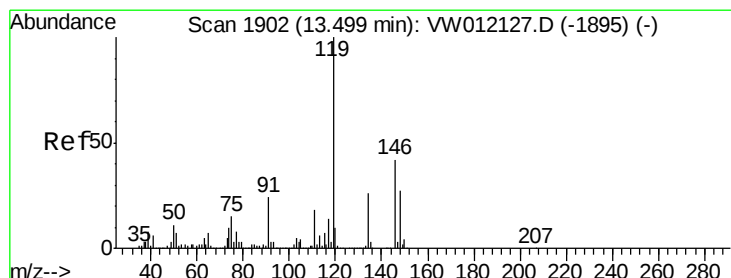
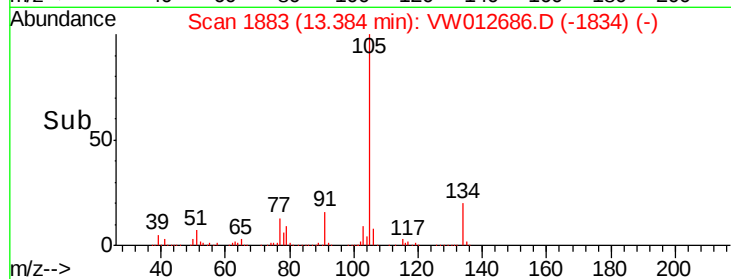
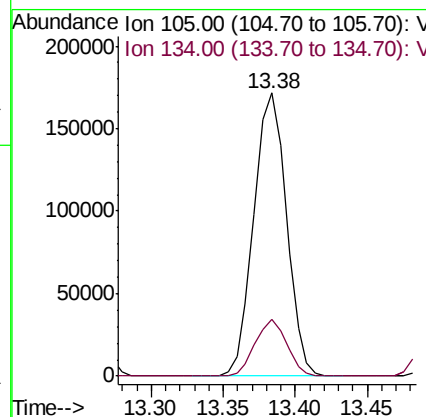
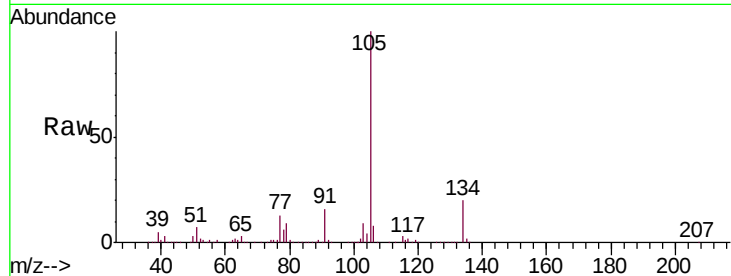
#85
 sec-Butylbenzene
 Concen: 23.561 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	269776		
134	19.5	9.8	29.4	

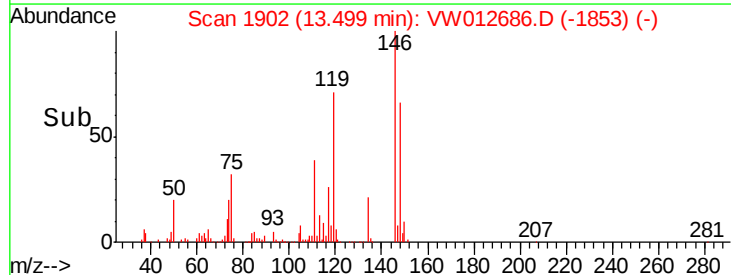
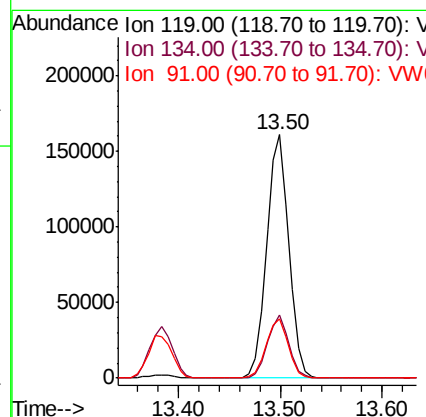
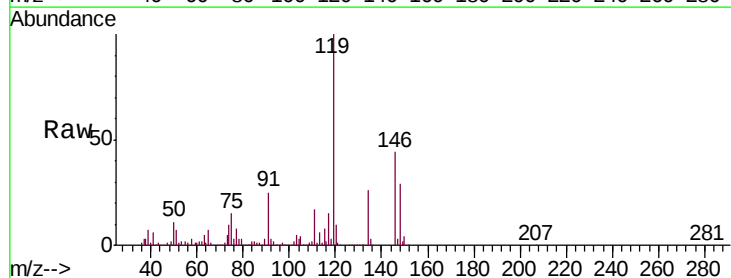
Manual Integrations
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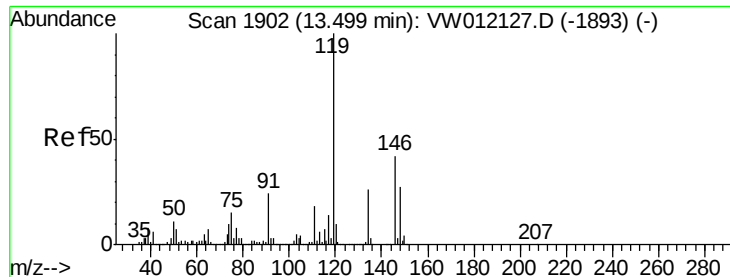
MMDadoda
 9/9/2019 4:45:09 AM



#86
 p-Isopropyltoluene
 Concen: 23.750 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	242861		
134	25.0	12.8	38.3	
91	24.1	12.3	36.9	





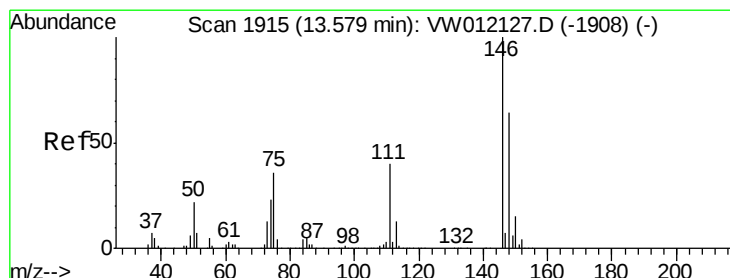
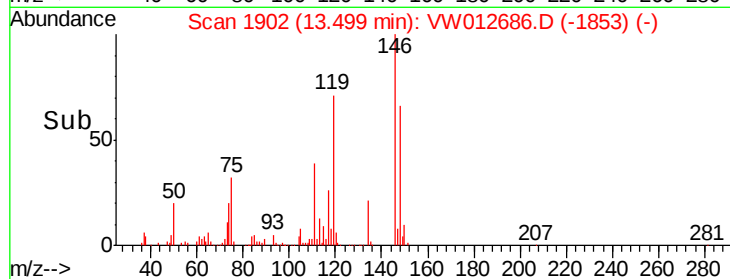
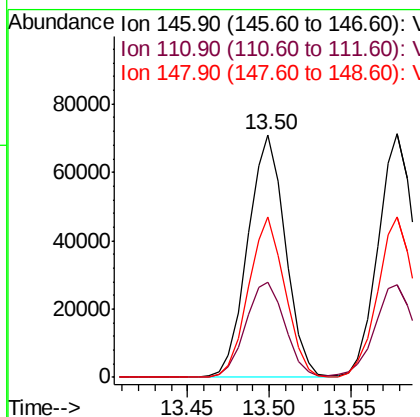
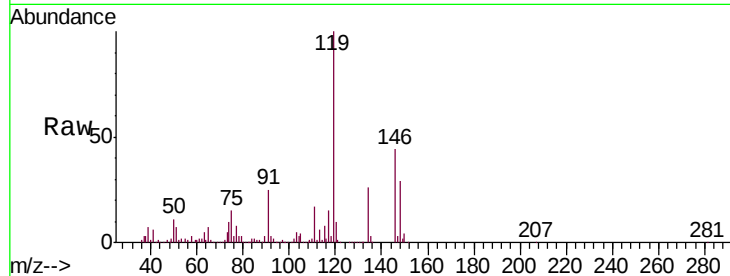
#87
 1,3-Dichlorobenzene
 Concen: 23.800 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	113714		
111	41.0	20.9	62.7	
148	63.9	32.2	96.6	

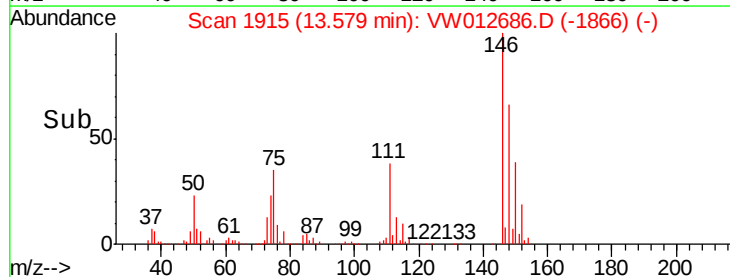
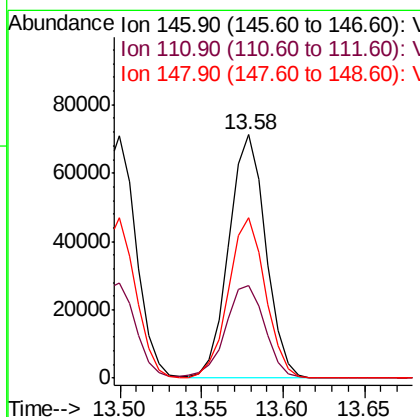
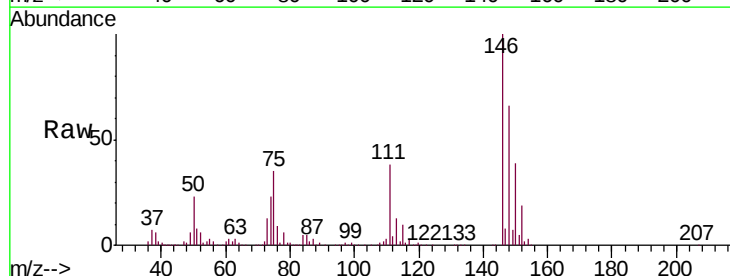
Manual Integrations
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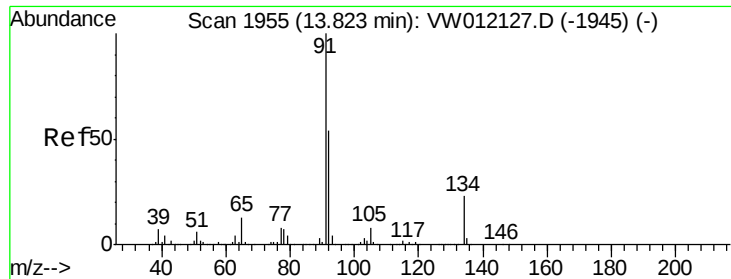
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#88
 1,4-Dichlorobenzene
 Concen: 23.655 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	112222		
111	40.8	20.0	60.0	
148	66.0	32.1	96.3	





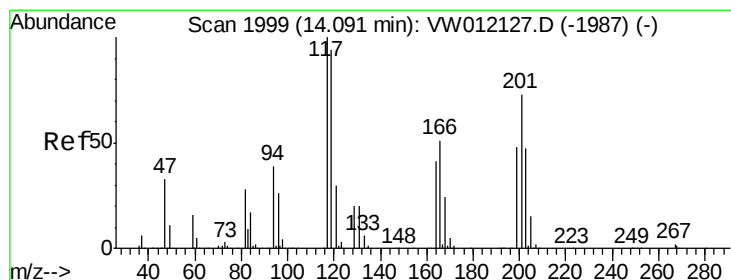
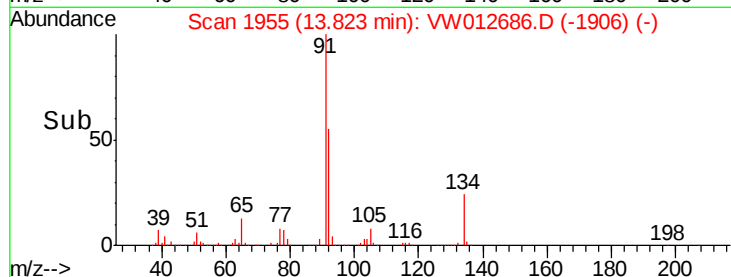
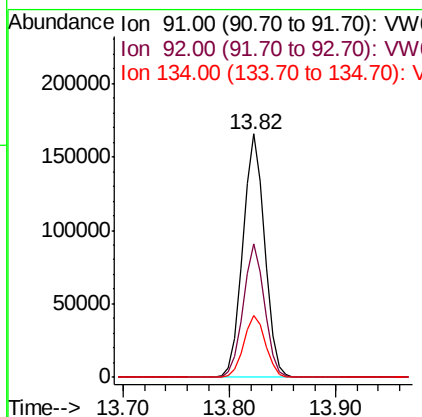
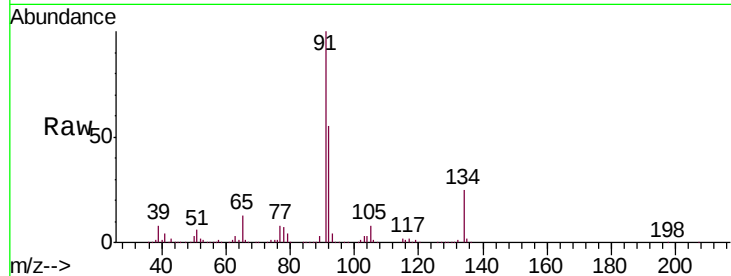
#89
n-Butylbenzene
Concen: 23.500 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion	Ratio	Resp Lower	Resp Upper
91	100		
92	53.9	27.1	81.2
134	25.2	12.2	36.4

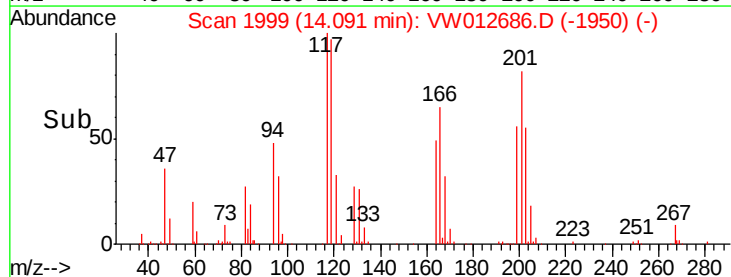
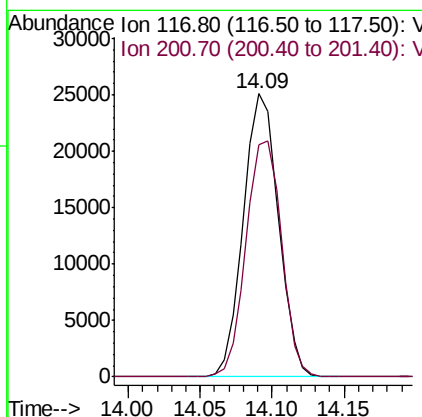
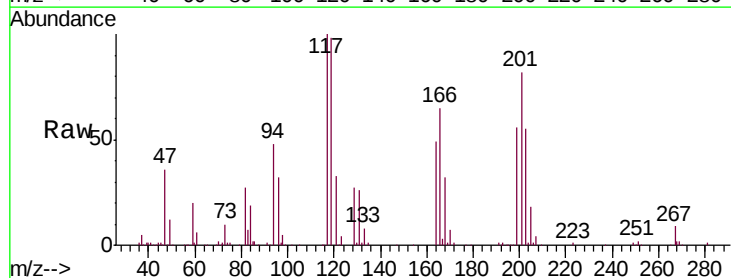
Manual Integrations
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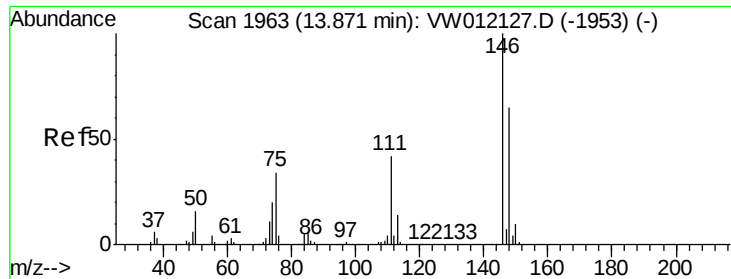
MMDadoda
9/9/2019 4:45:09 AM



#90
Hexachloroethane
Concen: 23.689 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
201	84.0	38.6	115.7





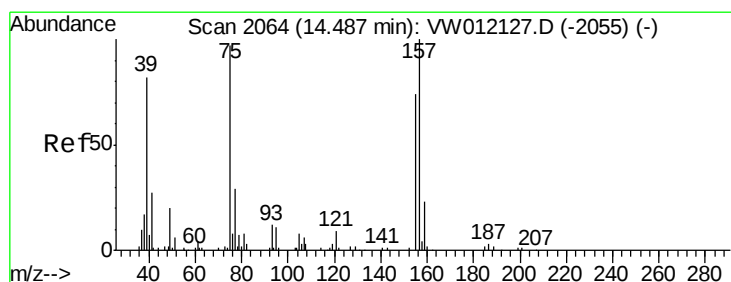
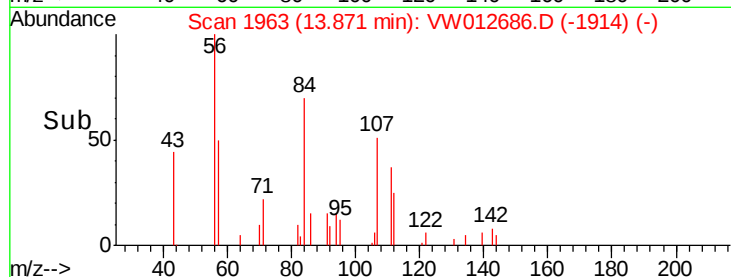
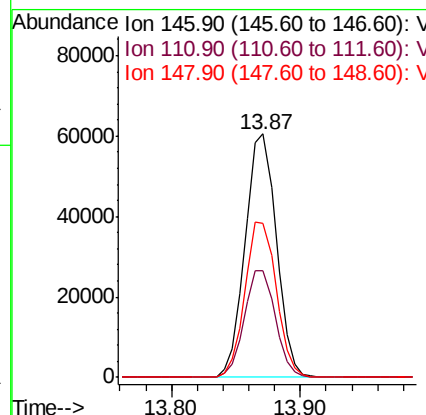
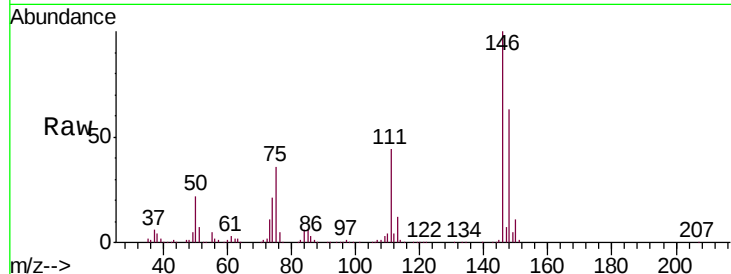
#91
 1,2-Dichlorobenzene
 Concen: 24.183 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.2	63.6
148	64.1	32.5	97.4

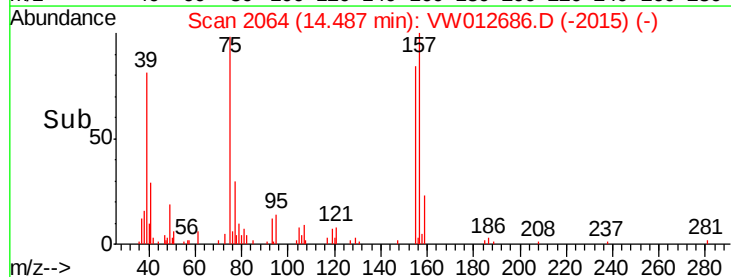
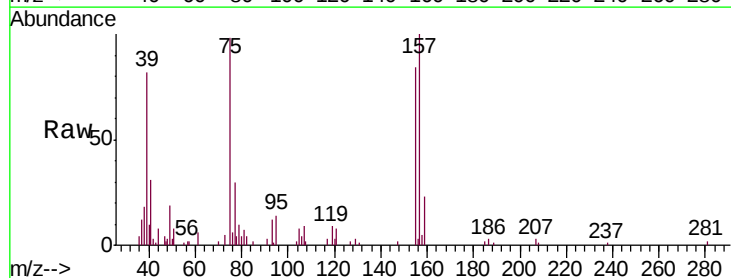
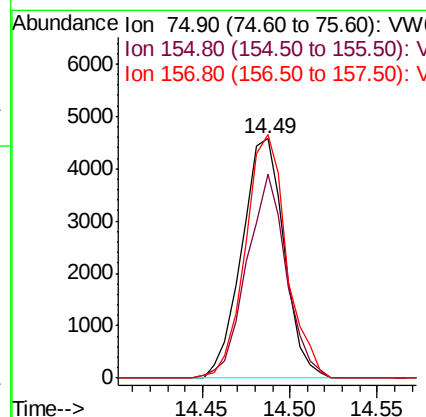
Manual Integrations
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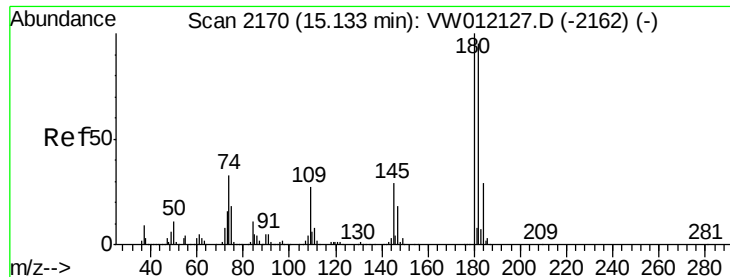
MMDadoda
 9/9/2019 4:45:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.013 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW012686.D
 Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	37.5	112.3
157	99.3	50.5	151.5





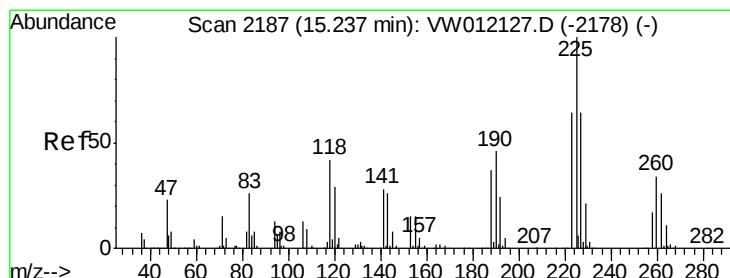
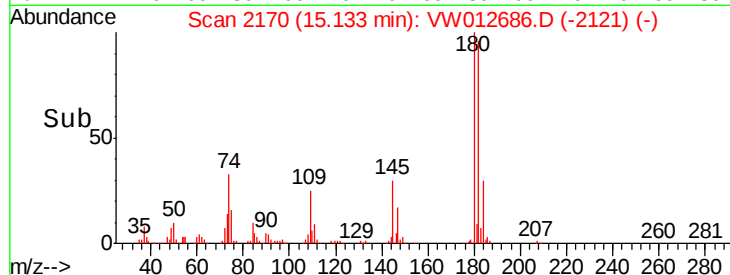
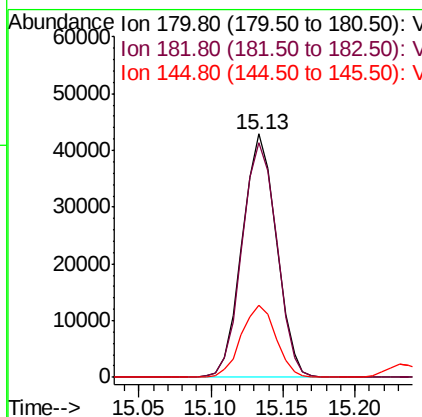
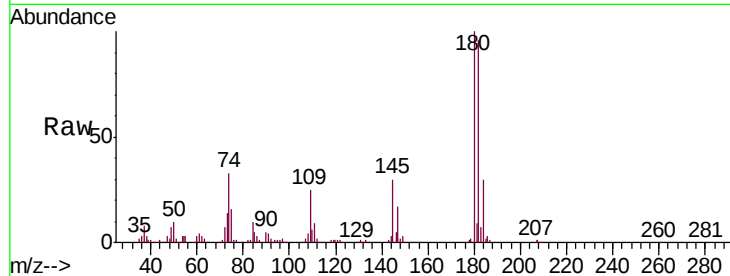
#93
1,2,4-Trichlorobenzene
Concen: 24.453 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	70829		
182	97.6	47.8	143.4	
145	30.1	15.0	45.1	

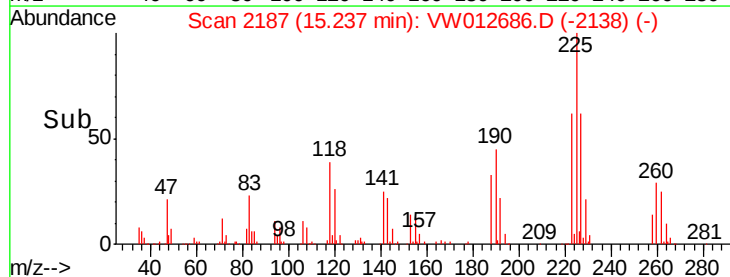
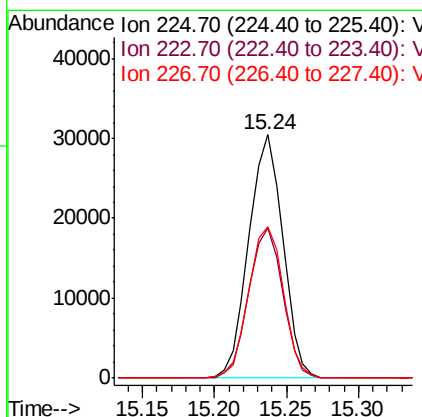
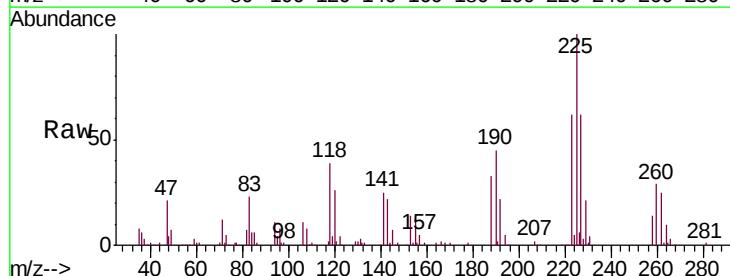
Manual Integrations
APPROVED

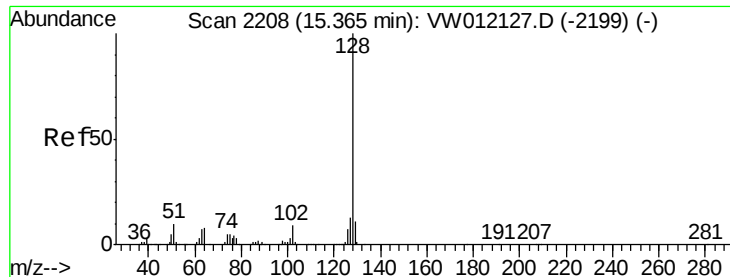
MMDadoda
9/9/2019 4:45:09 AM



#94
Hexachlorobutadiene
Concen: 26.103 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	49925		
223	61.8	32.3	96.8	
227	63.3	32.9	98.6	





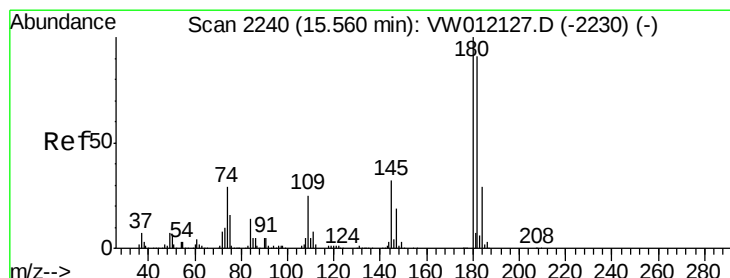
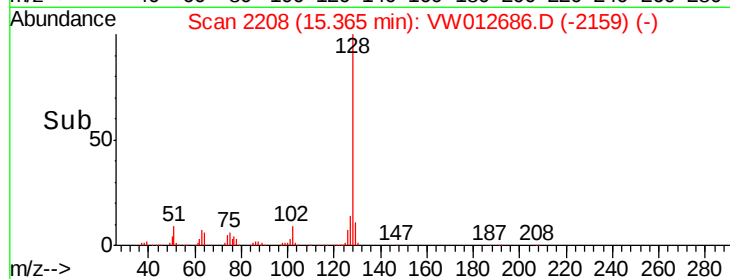
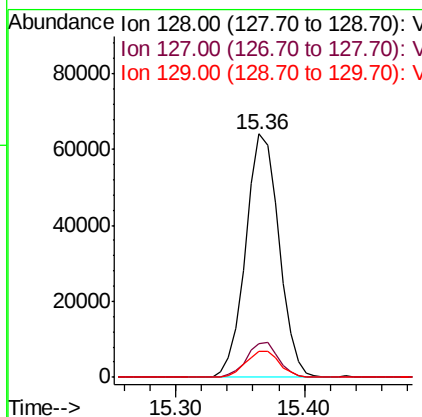
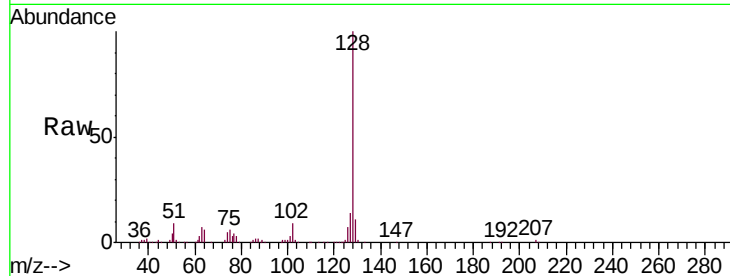
#95
Naphthalene
Concen: 22.717 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	11.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/9/2019 4:45:09 AM



#96
1,2,3-Trichlorobenzene
Concen: 24.646 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012686.D
Acq: 06 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.1	141.3
145	31.6	16.2	48.5

