

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041819\
 Data File : VW010041.D
 Acq On : 18 Apr 2019 13:22
 Operator : SY/VA
 Sample : VW0418SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/19/2019 12:52:54 PM

Quant Time: Apr 18 15:52:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	423533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	682399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	628441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	326758	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	307771	58.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.78%	
35) Dibromofluoromethane	7.88	113	250446	57.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.46%	
50) Toluene-d8	10.32	98	980037	60.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.56%	
62) 4-Bromofluorobenzene	12.62	95	358463	60.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	53865	16.680	ug/l	97
3) Chloromethane	2.21	50	50707	15.701	ug/l	97
4) Vinyl Chloride	2.36	62	65514	17.452	ug/l	95
5) Bromomethane	2.77	94	46228	18.324	ug/l	99
6) Chloroethane	2.92	64	46775	19.070	ug/l	97
7) Trichlorofluoromethane	3.25	101	40790	15.716	ug/l	89
8) Diethyl Ether	3.67	74	41886	19.401	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.04	101	85735	19.631	ug/l	99
10) Methyl Iodide	4.26	142	111948	18.549	ug/l	97
11) Tert butyl alcohol	5.18	59	29778	100.023	ug/l	99
12) 1,1-Dichloroethene	4.03	96	79696	19.034	ug/l	97
13) Acrolein	3.89	56	27211	86.879	ug/l	100
14) Allyl chloride	4.65	41	132595	17.813	ug/l	99
15) Acrylonitrile	5.36	53	104764	94.292	ug/l	100
16) Acetone	4.12	43	118042	97.339	ug/l	95
17) Carbon Disulfide	4.37	76	208440	17.422	ug/l	98
18) Methyl Acetate	4.67	43	52877	18.840	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	105783	19.451	ug/l	97
20) Methylene Chloride	4.91	84	105672	19.811	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	87161	19.224	ug/l	95
22) Diisopropyl ether	6.31	45	302860	20.058	ug/l	98
23) Vinyl Acetate	6.25	43	959895	100.986	ug/l	99
24) 1,1-Dichloroethane	6.20	63	176177	19.518	ug/l	98
25) 2-Butanone	7.17	43	163023	102.337	ug/l	98
26) 2,2-Dichloropropane	7.16	77	95066	19.036	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	94374	18.926	ug/l	99
28) Bromochloromethane	7.51	49	77567	21.028	ug/l	96
29) Tetrahydrofuran	7.52	42	100356	99.424	ug/l	98
30) Chloroform	7.67	83	175584	19.413	ug/l	99
31) Cyclohexane	7.95	56	160231	18.957	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	133789	18.843	ug/l	99
36) 1,1-Dichloropropene	8.07	75	136687	19.609	ug/l	99
37) Ethyl Acetate	7.25	43	72360	20.429	ug/l	98
38) Carbon Tetrachloride	8.06	117	132856	19.529	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	150784	18.548	ug/l	97
40) Benzene	8.32	78	372416	19.540	ug/l	98
41) Methacrylonitrile	7.48	41	35572	17.621	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	129078	19.707	ug/l	99
43) Isopropyl Acetate	8.43	43	130385	19.644	ug/l	99
44) Trichloroethene	9.09	130	94359	19.492	ug/l	98
45) 1,2-Dichloropropane	9.37	63	97824	19.527	ug/l	98
46) Dibromomethane	9.46	93	50207	19.336	ug/l	100
47) Bromodichloromethane	9.64	83	129930	19.385	ug/l	97
48) Methyl methacrylate	9.43	41	61476	19.027	ug/l	97
49) 1,4-Dioxane	9.45	88	16770	422.685	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	359655	103.456	ug/l	99
52) Toluene	10.38	92	235150	19.806	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	130502	19.638	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	147406	19.426	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	72424	19.984	ug/l	98
56) Ethyl methacrylate	10.65	69	88226	19.246	ug/l	97
57) 1,3-Dichloropropane	10.93	76	129215	19.892	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	285876	132.011	ug/l	99
59) 2-Hexanone	10.97	43	251056	103.744	ug/l	98
60) Dibromochloromethane	11.13	129	81701	19.505	ug/l	99
61) 1,2-Dibromoethane	11.24	107	67665	19.627	ug/l	99
64) Tetrachloroethene	10.86	164	76481	18.747	ug/l	98
65) Chlorobenzene	11.66	112	254912	19.818	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	89366	19.428	ug/l	98
67) Ethyl Benzene	11.73	91	449563	19.590	ug/l	100
68) m/p-Xylenes	11.84	106	342192	39.890	ug/l	99
69) o-Xylene	12.16	106	157309	20.140	ug/l	98
70) Styrene	12.18	104	264653	19.651	ug/l	100
71) Bromoform	12.35	173	46308	19.039	ug/l #	99
73) Isopropylbenzene	12.47	105	440527	19.371	ug/l	100
74) N-amyl acetate	12.27	43	125330	19.900	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	88148	19.619	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	73723m	22.543	ug/l	
77) Bromobenzene	12.75	156	101069	19.324	ug/l	99
78) n-propylbenzene	12.80	91	563318	19.986	ug/l	100
79) 2-Chlorotoluene	12.89	91	317819	19.606	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	380906	19.754	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	25951	18.711	ug/l	97
82) 4-Chlorotoluene	12.99	91	338027	19.813	ug/l	99
83) tert-Butylbenzene	13.21	119	316819	19.841	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	388885	19.892	ug/l	100
85) sec-Butylbenzene	13.38	105	476917	19.986	ug/l	100
86) p-Isopropyltoluene	13.50	119	411636	19.572	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	209323	19.798	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	211948	20.084	ug/l	99
89) n-Butylbenzene	13.83	91	408262	19.593	ug/l	99
90) Hexachloroethane	14.10	117	77301	19.189	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	188965	19.933	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15156	18.849	ug/l	99

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QLast Update : Thu Apr 18 02:23:40 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	122050	19.515	ug/l	99
94) Hexachlorobutadiene	15.24	225	73273	19.293	ug/l	99
95) Naphthalene	15.37	128	217549	19.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	107816	19.870	ug/l	99

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

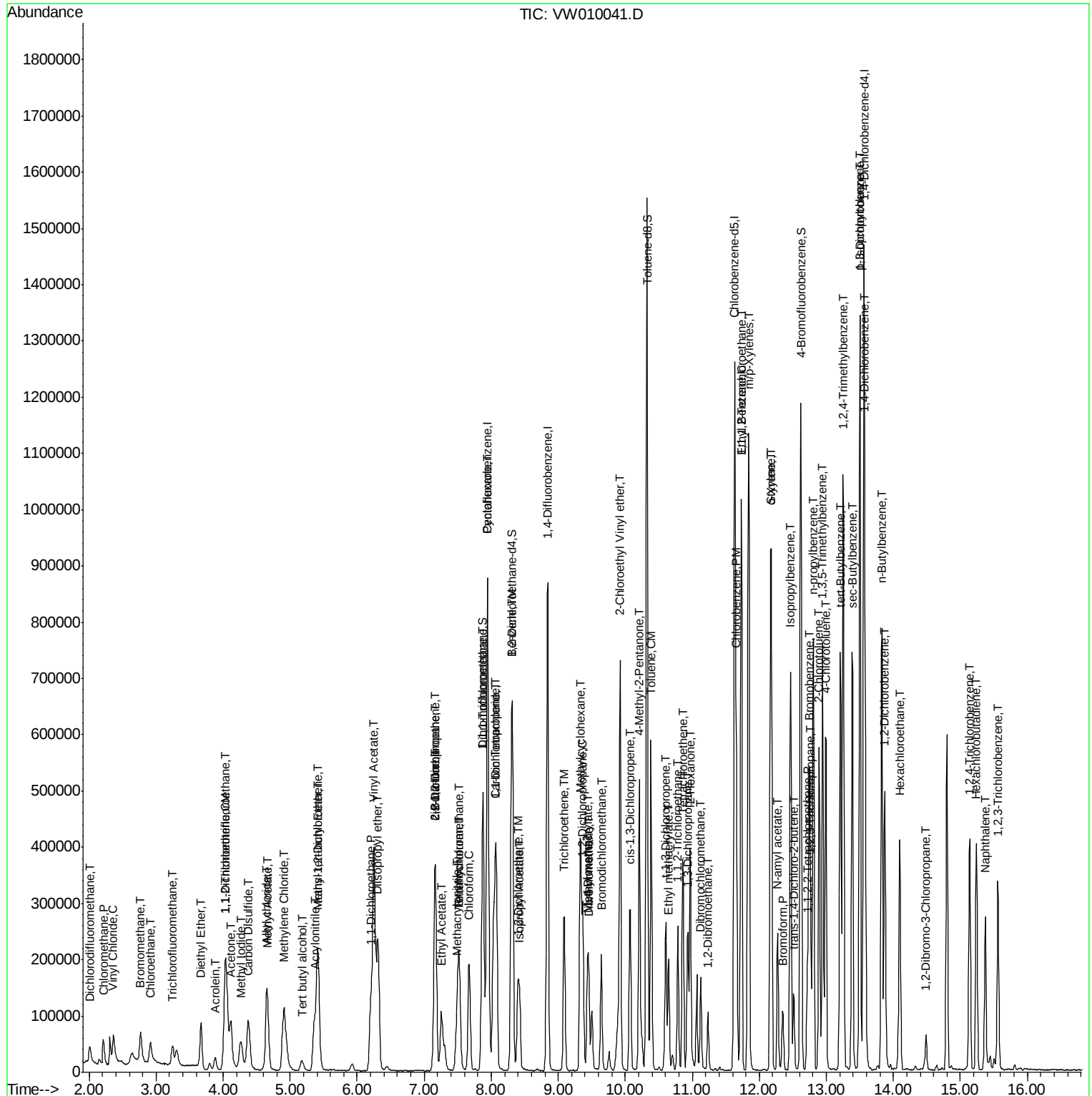
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Data File : VW010041.D
Acq On : 18 Apr 2019 13:22
Operator : SY/VA
Sample : VW0418SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
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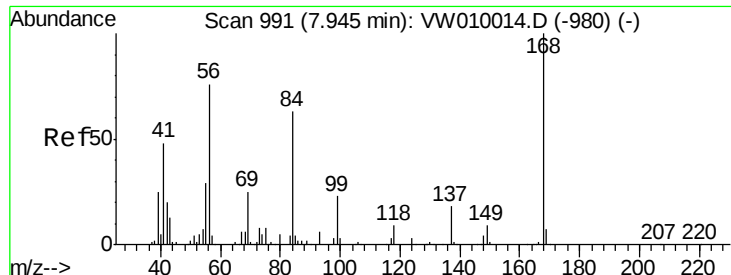
Instrument :
MSVOA_W
Client Sample Id :
VW0418SBS01

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

Tot Ion:168 Resp: 423533

Ion Ratio Lower Upper

168 100

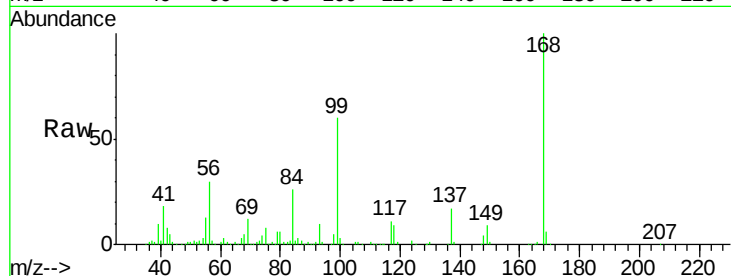
99 60.4 48.4 72.6

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

200000

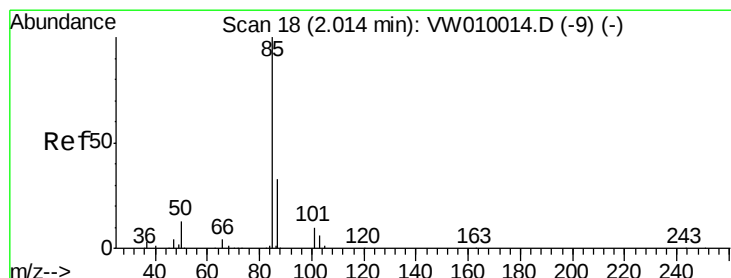
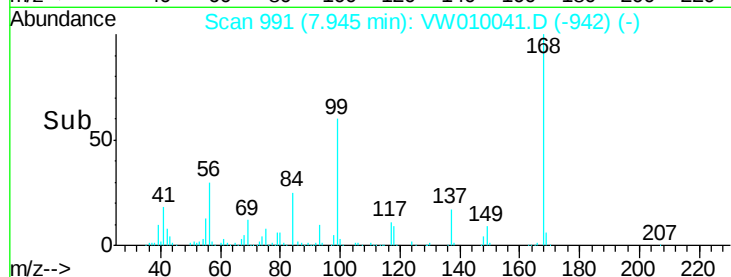
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 16.680 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW010041.D

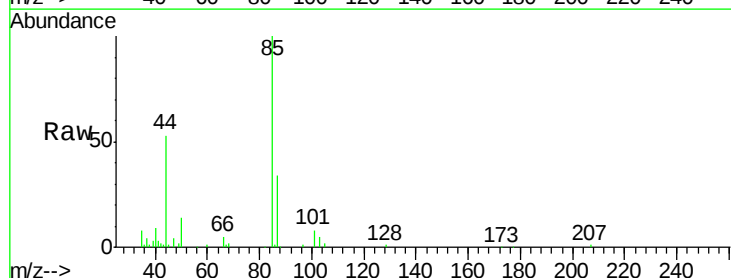
Acq: 18 Apr 2019 13:22

Tgt Ion: 85 Resp: 53865

Ion Ratio Lower Upper

85 100

87 34.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

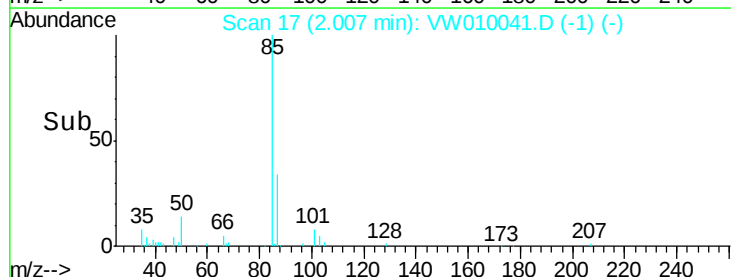
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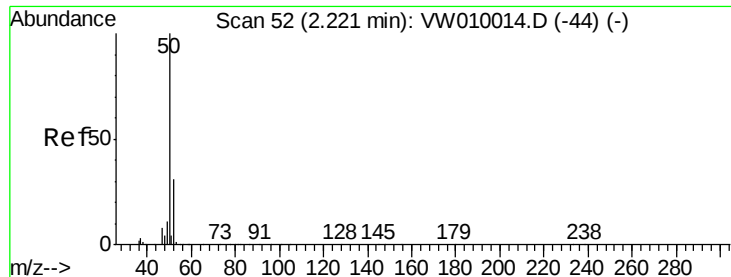
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 15.701 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

Tot Ion: 50 Resp: 50707

Ion Ratio Lower Upper

50 100

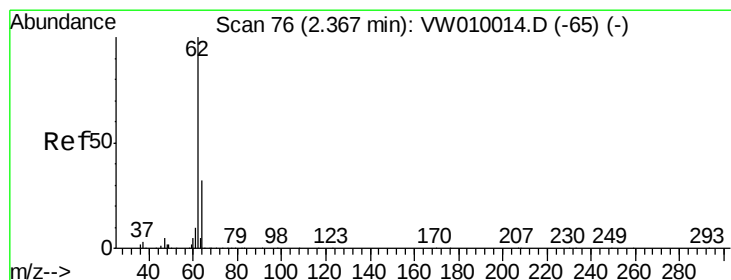
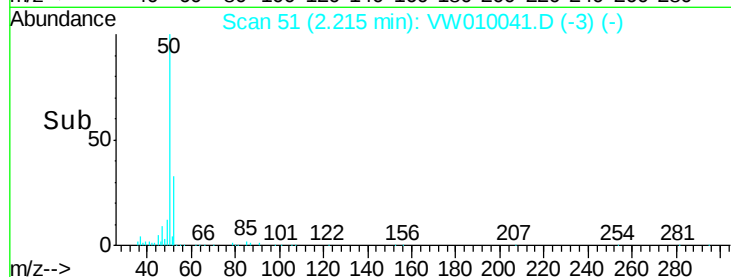
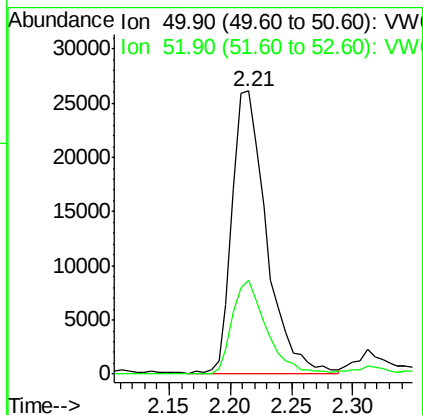
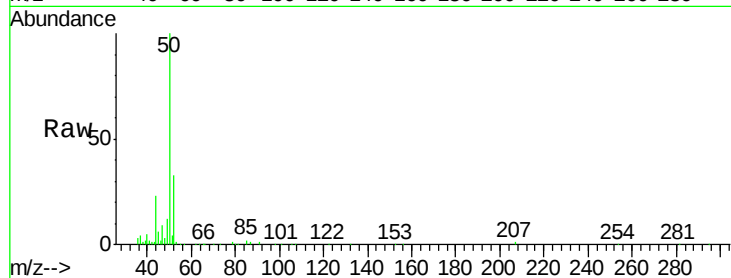
52 33.1 25.0 37.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.452 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW010041.D

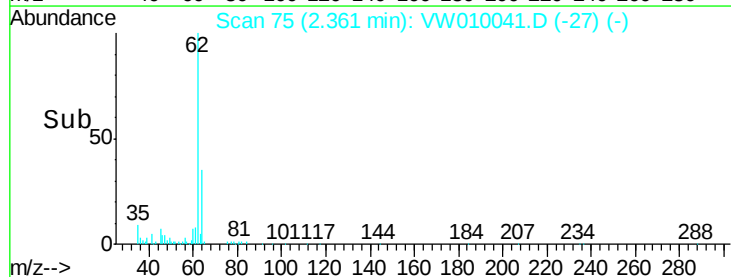
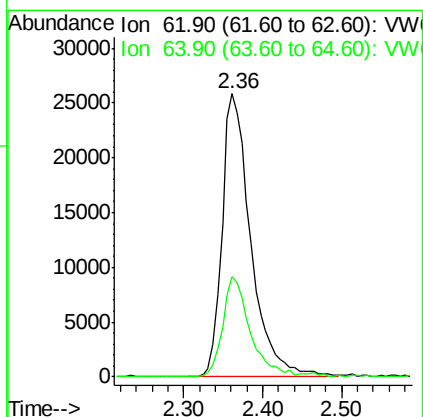
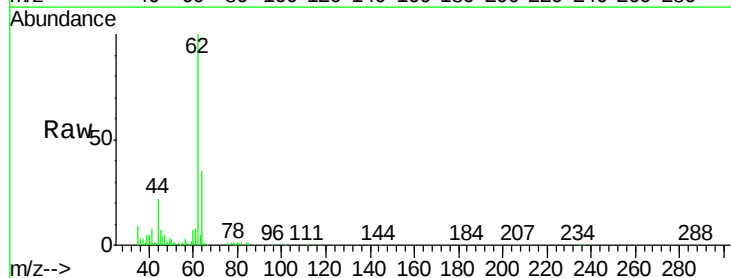
Acq: 18 Apr 2019 13:22

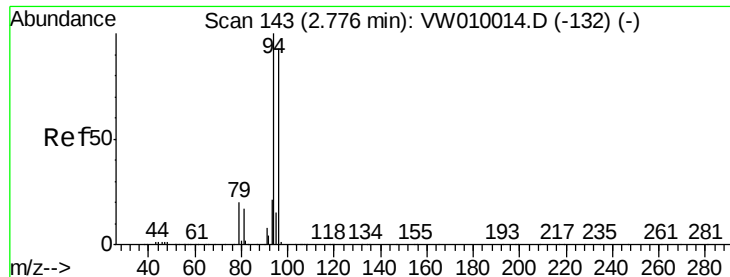
Tgt Ion: 62 Resp: 65514

Ion Ratio Lower Upper

62 100

64 35.3 25.9 38.9





#5

Bromomethane

Concen: 18.324 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

Tot Ion: 94 Resp: 46228

Ion Ratio Lower Upper

94 100

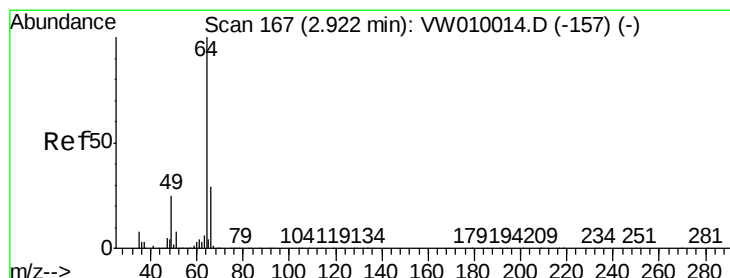
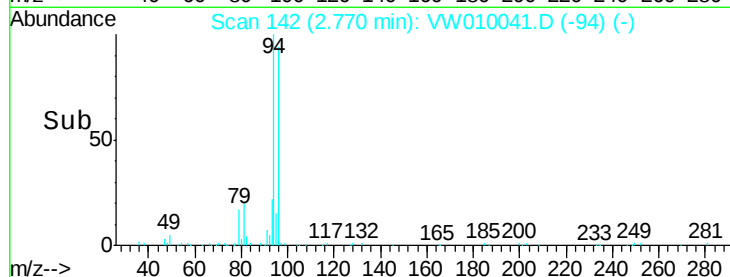
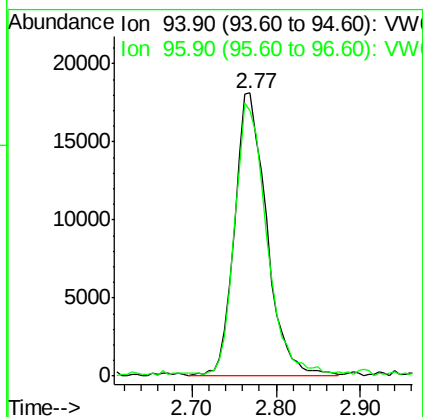
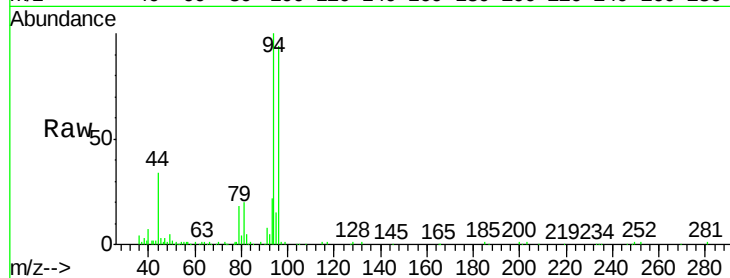
96 93.2 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 19.070 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW010041.D

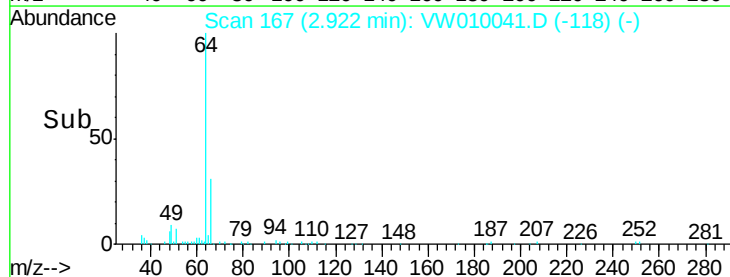
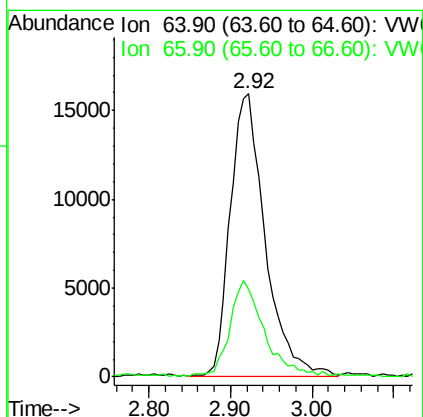
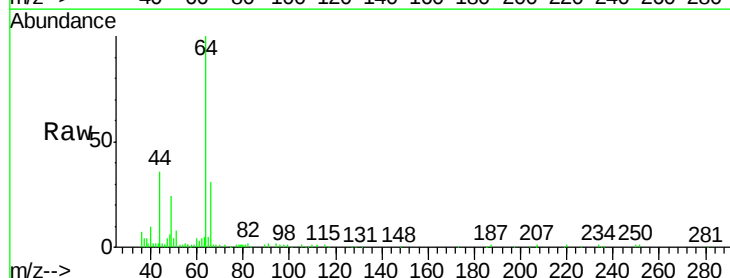
Acq: 18 Apr 2019 13:22

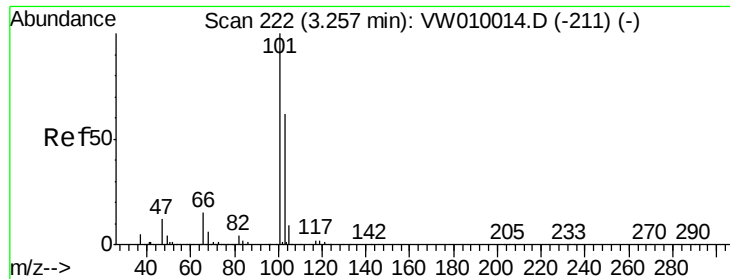
Tgt Ion: 64 Resp: 46775

Ion Ratio Lower Upper

64 100

66 30.7 23.4 35.0





#7

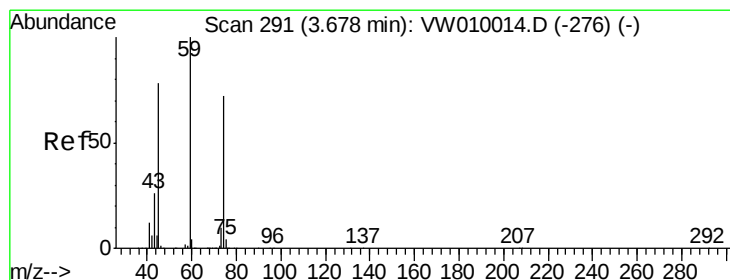
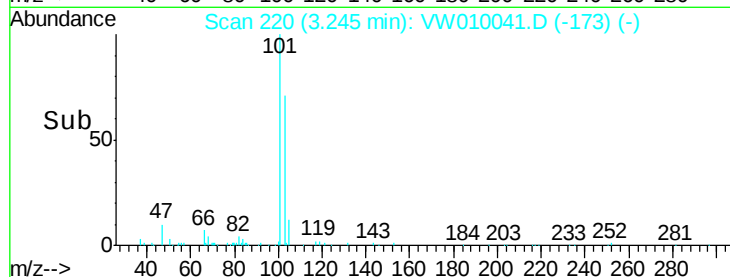
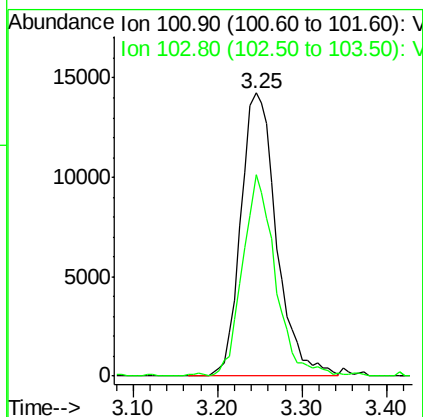
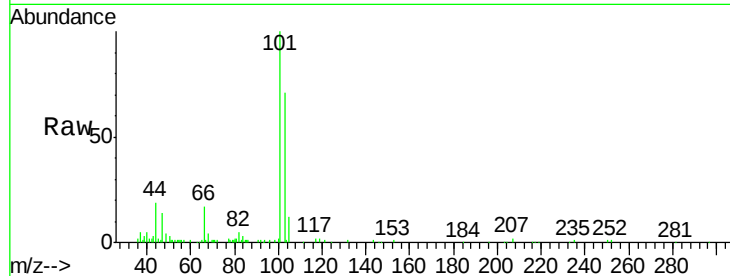
Trichlorofluoromethane
 Concen: 15.716 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010041.D
 Acq: 18 Apr 2019 13:22

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	70.6	49.8	74.6

Manual Integrations
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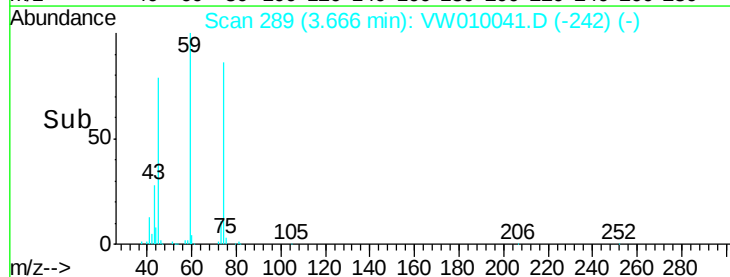
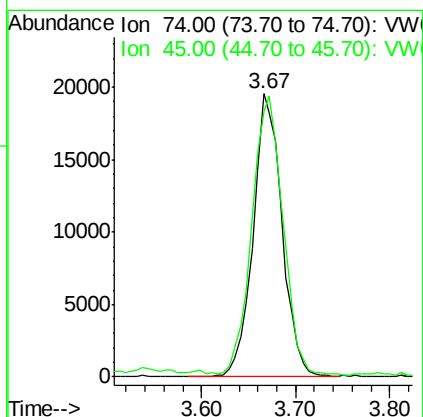
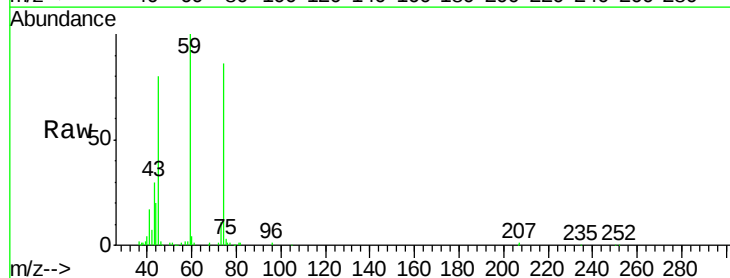
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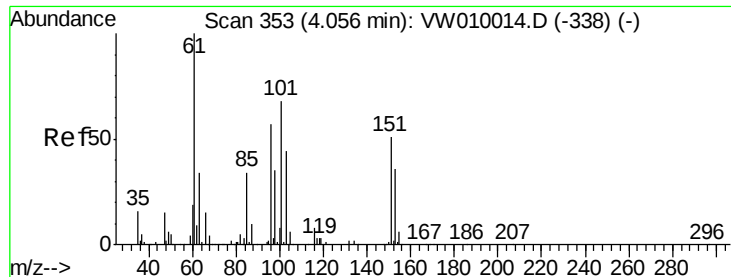


#8

Diethyl Ether
 Concen: 19.401 ug/l
 RT: 3.67 min Scan# 289
 Delta R.T. -0.01 min
 Lab File: VW010041.D
 Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.8	56.0	168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.631 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

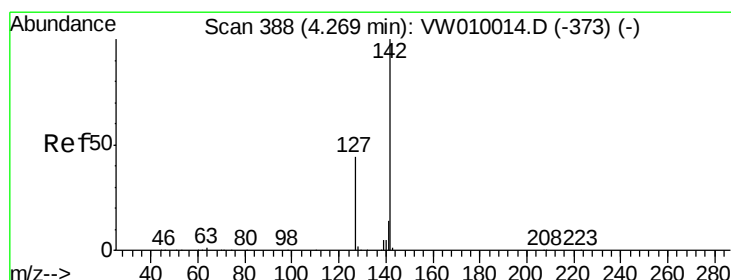
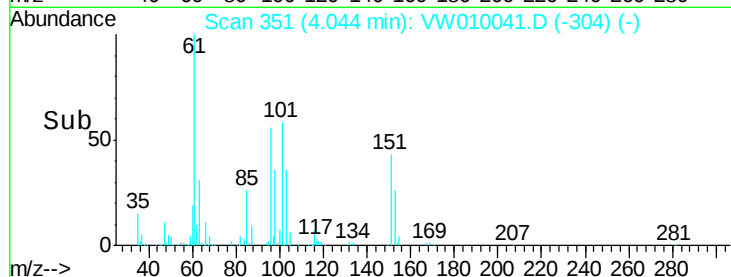
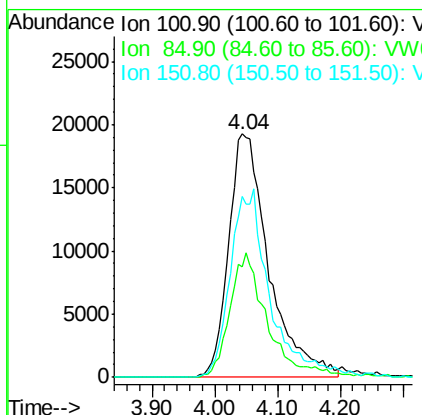
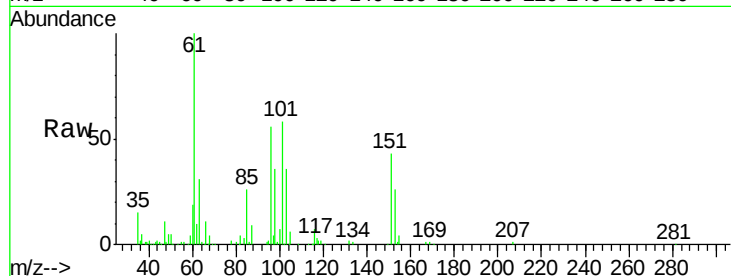
ClientSampleId :

VW0418SBS01

Tot Ion:	101	Resp:	85735
Ion Ratio	Lower	Upper	
101	100		
85	47.3	36.3	54.5
151	75.0	60.2	90.2

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#10

Methyl Iodide

Concen: 18.549 ug/l

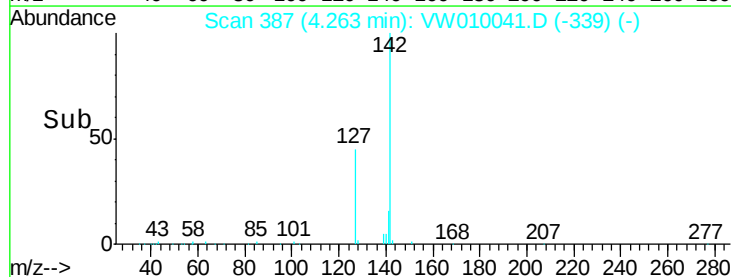
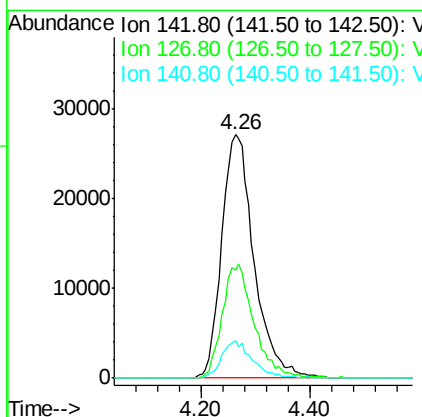
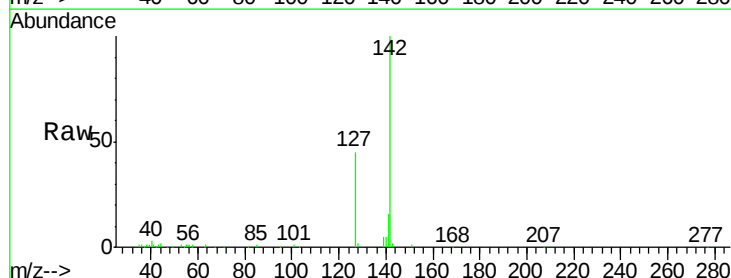
RT: 4.26 min Scan# 387

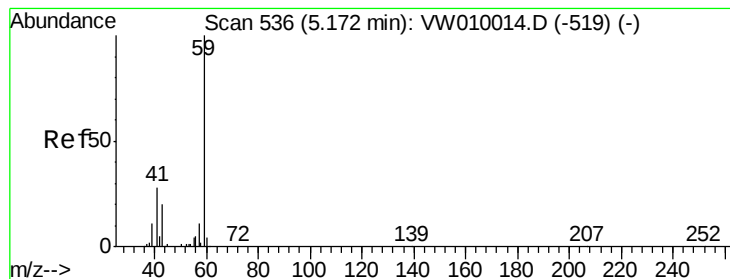
Delta R.T. -0.01 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Tgt Ion:	142	Resp:	111948
Ion Ratio	Lower	Upper	
142	100		
127	45.8	38.1	57.1
141	14.4	12.2	18.2





#11

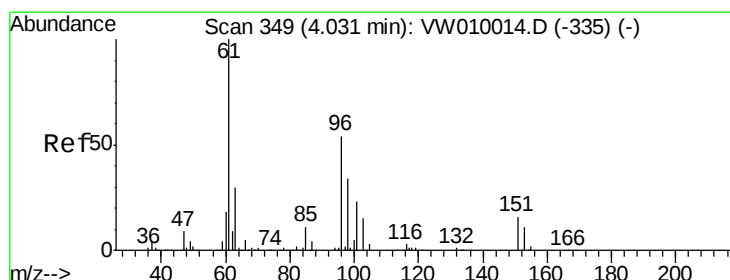
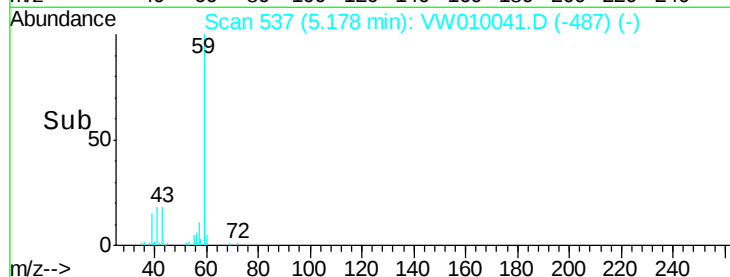
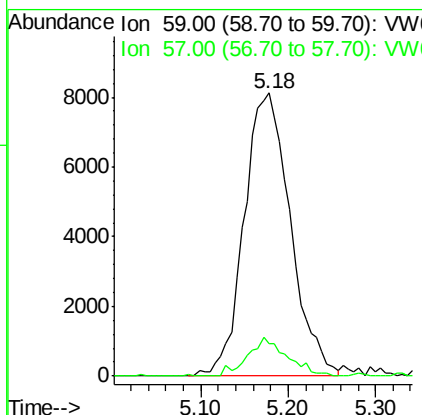
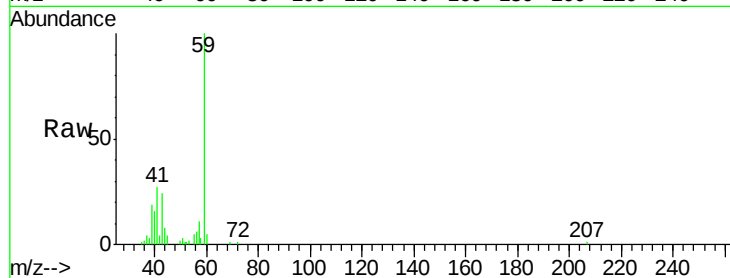
Tert butyl alcohol
Concen: 100.023 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	59	Resp	29778
Ion Ratio	100	Lower	Upper
57	11.7	9.0	13.4

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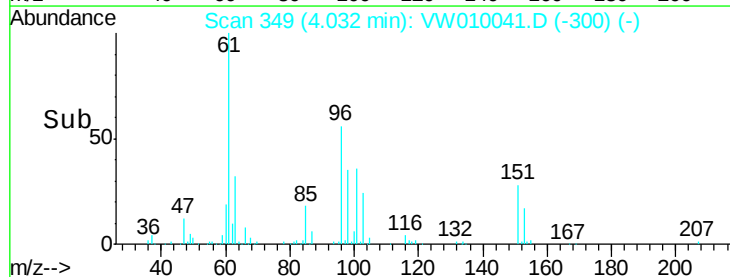
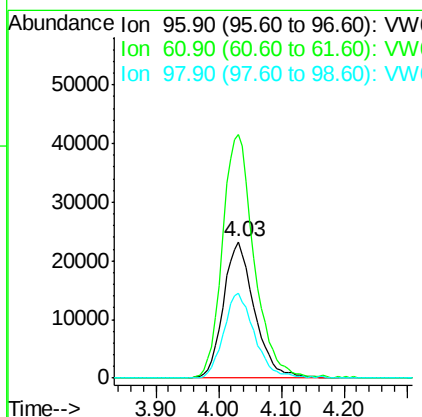
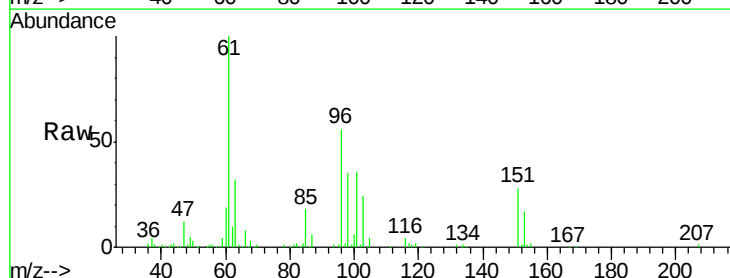
MMDadoda
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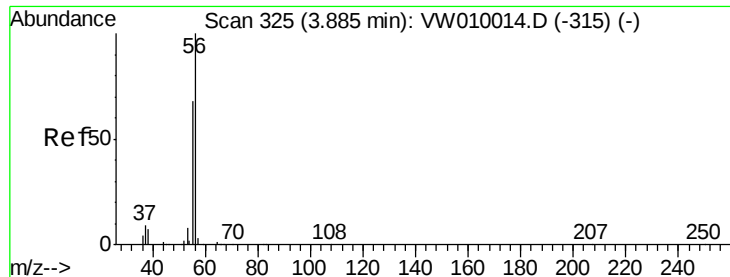


#12

1,1-Dichloroethene
Concen: 19.034 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	96	Resp	79696
Ion Ratio	100	Lower	Upper
61	178.7	147.4	221.2
98	62.7	49.7	74.5





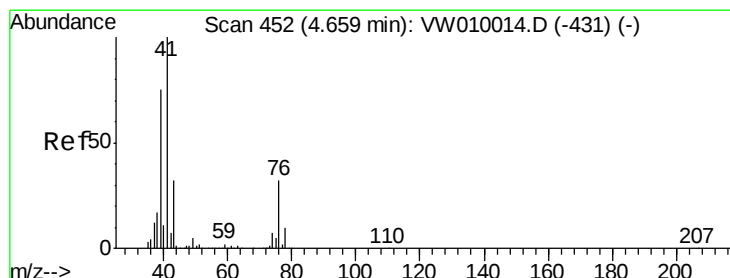
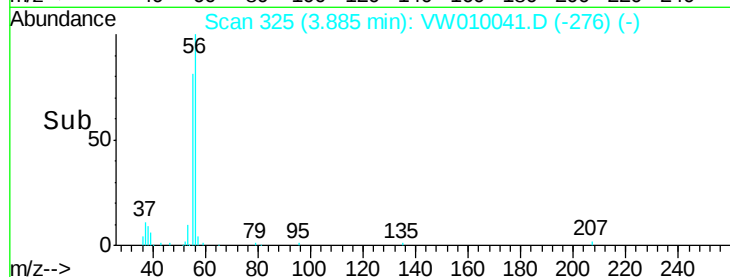
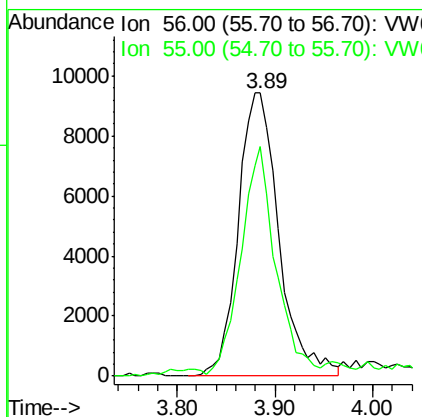
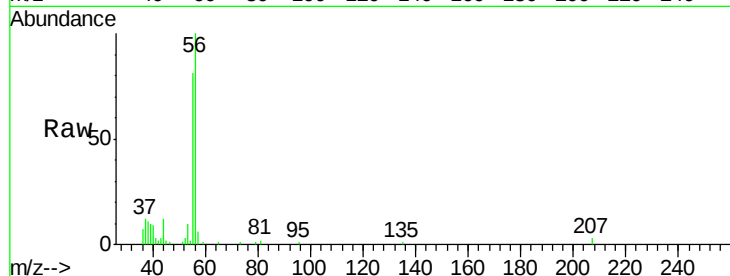
#13
Acrolein
Concen: 86.879 ug/l
RT: 3.89 min Scan# 325
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.1	54.2	81.2

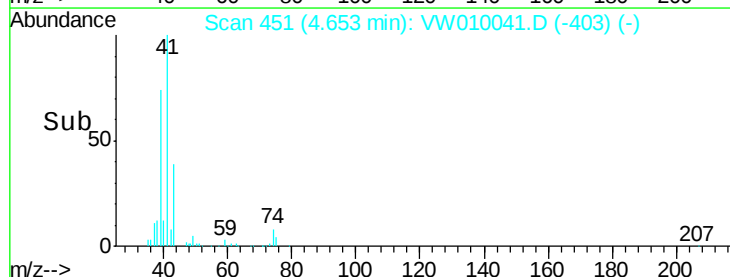
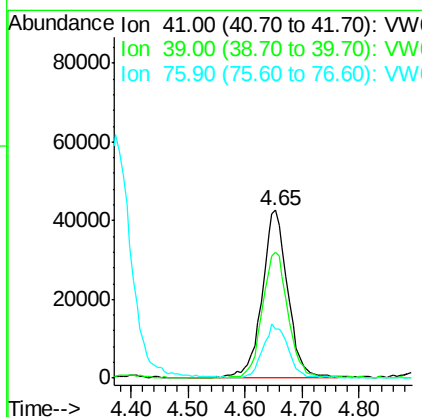
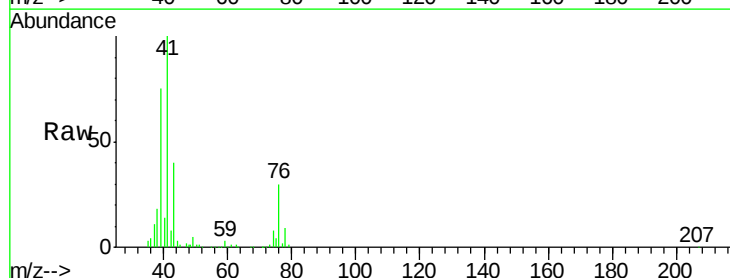
Manual Integrations
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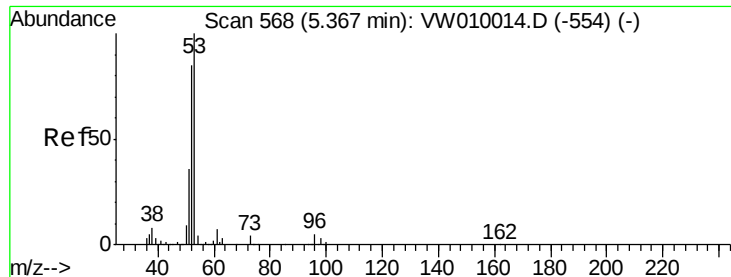
MMDadoda
4/19/2019 12:52:54 PM



#14
Allyl chloride
Concen: 17.813 ug/l
RT: 4.65 min Scan# 451
Delta R.T. -0.01 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.2	60.2	90.4
76	30.8	25.0	37.6





#15

Acrylonitrile

Concen: 94.292 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

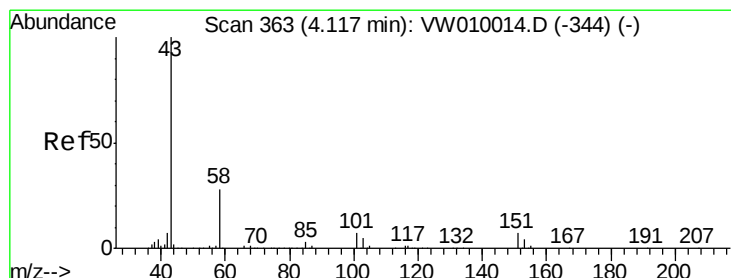
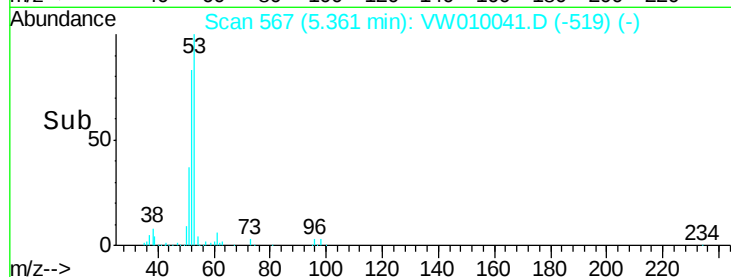
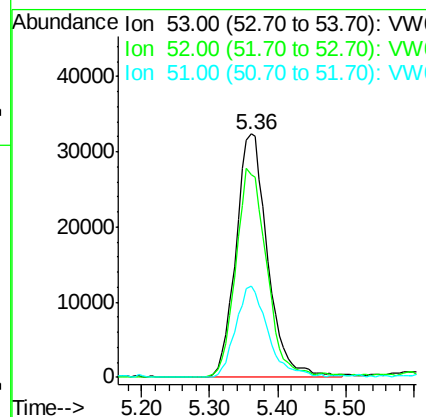
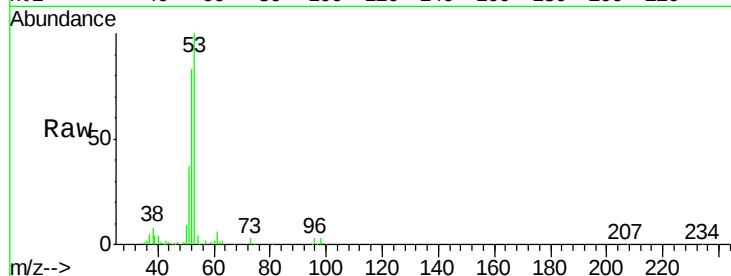
ClientSampleId :

VW0418SBS01

Tot Ion:	53	Resp:	104764
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.6	100.0
51	38.3	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 97.339 ug/l

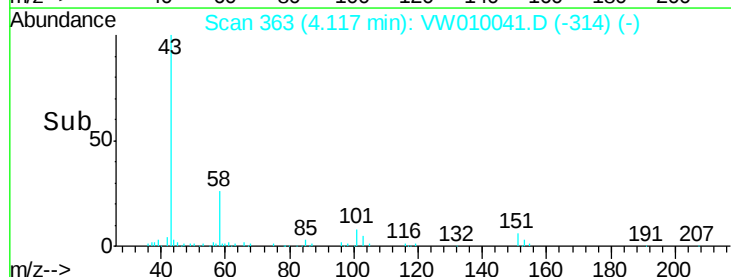
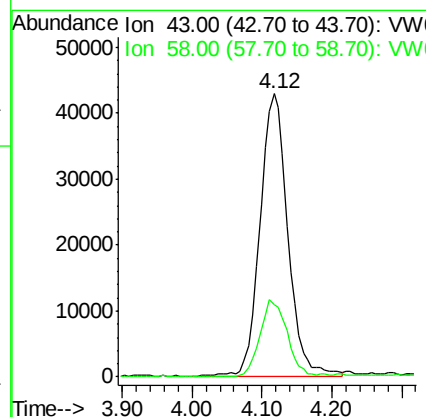
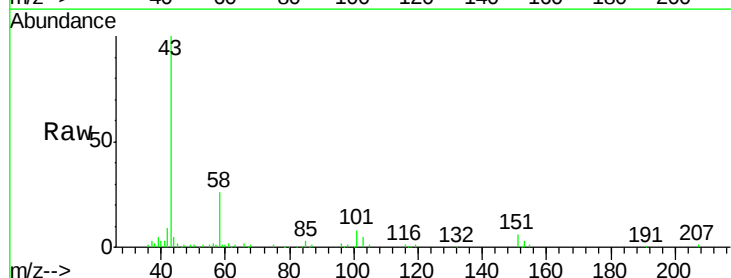
RT: 4.12 min Scan# 363

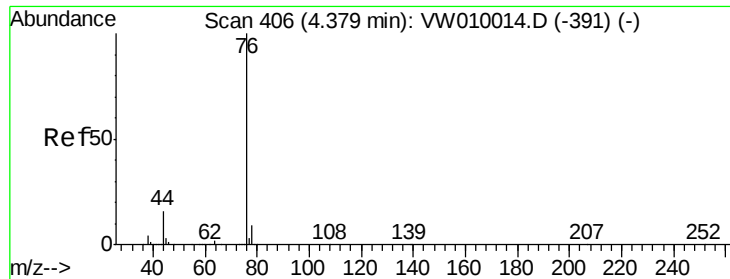
Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Tgt Ion:	43	Resp:	118042
Ion	Ratio	Lower	Upper
43	100		
58	25.8	22.7	34.1





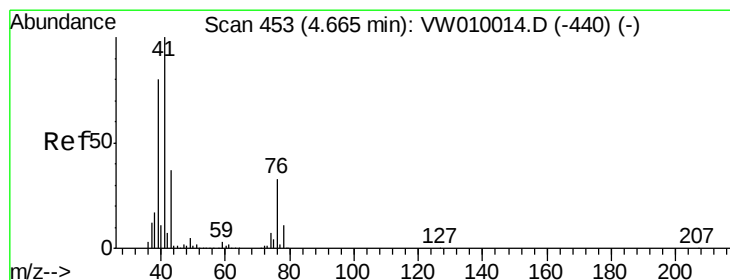
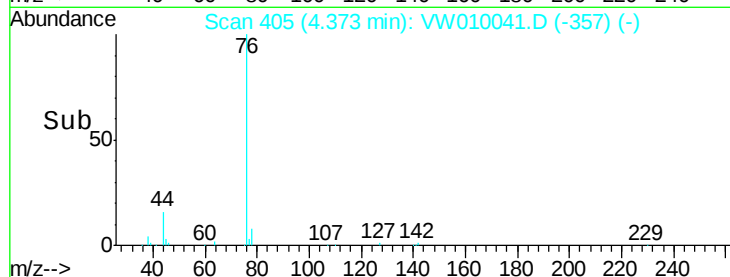
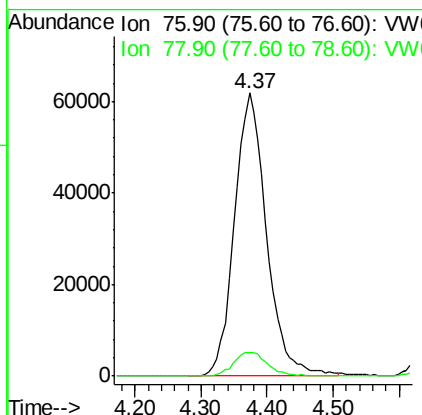
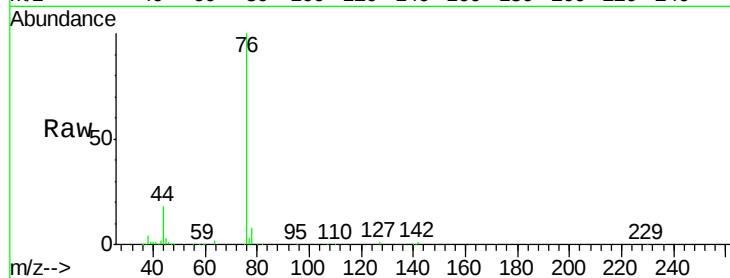
#17
Carbon Disulfide
Concen: 17.422 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.2

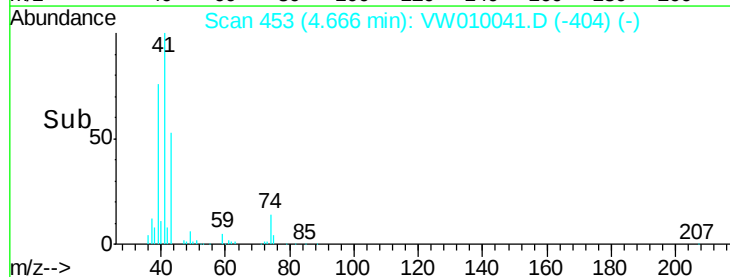
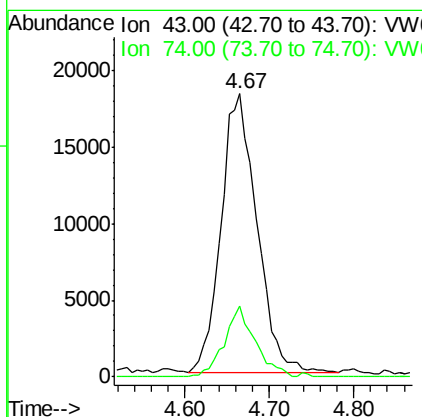
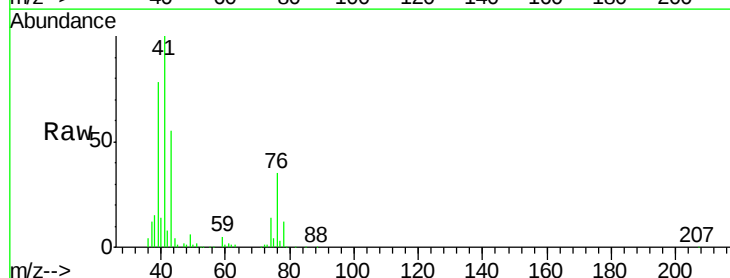
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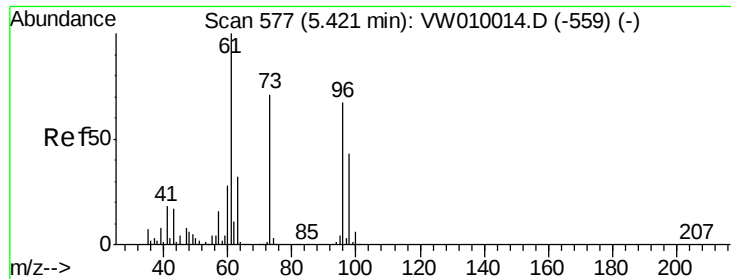
MMDadoda
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#18
Methyl Acetate
Concen: 18.840 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	16.8	25.2





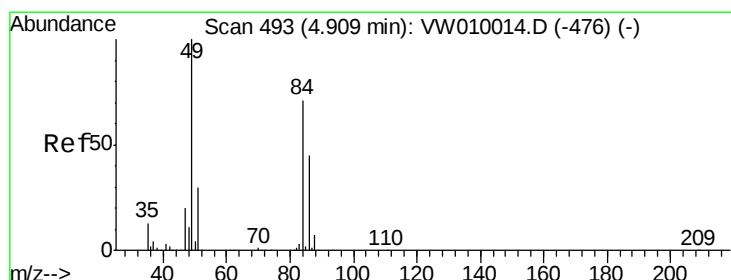
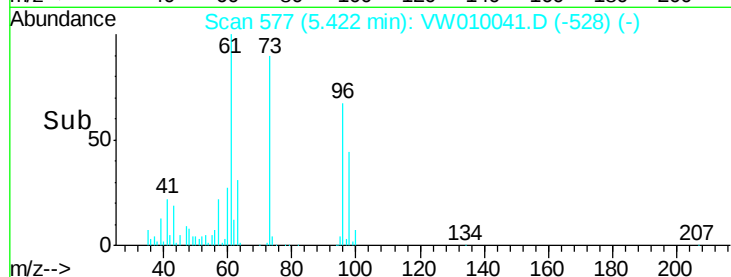
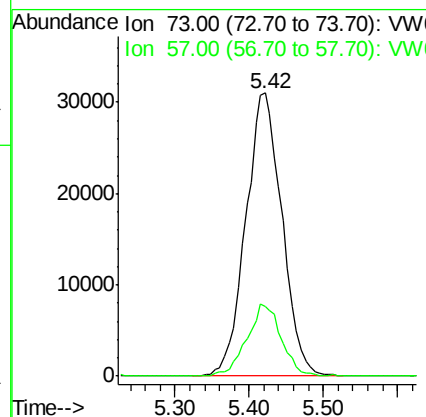
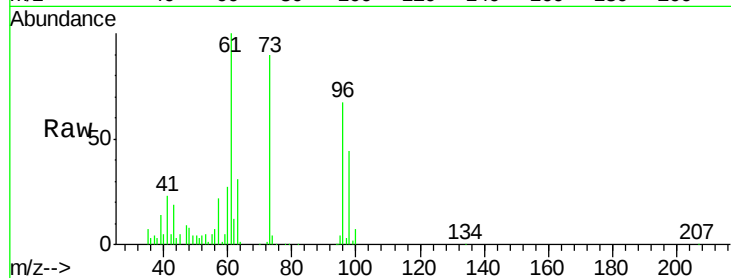
#19
Methvl tert-butvl Ether
Concen: 19.451 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion: 73 Resp: 105783
Ion Ratio Lower Upper
73 100
57 24.4 18.5 27.7

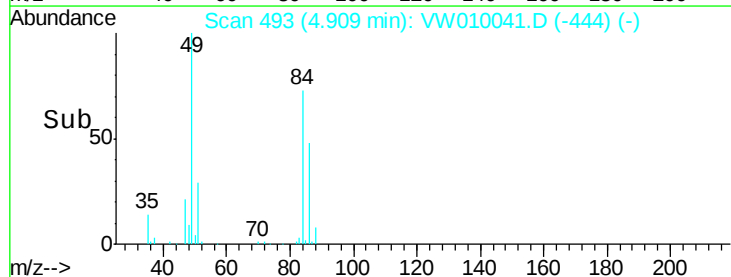
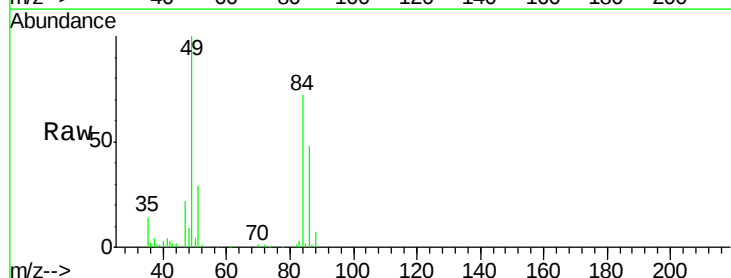
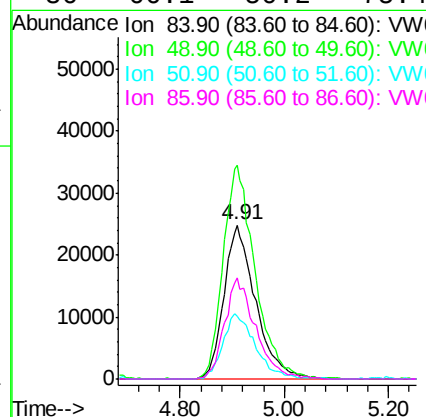
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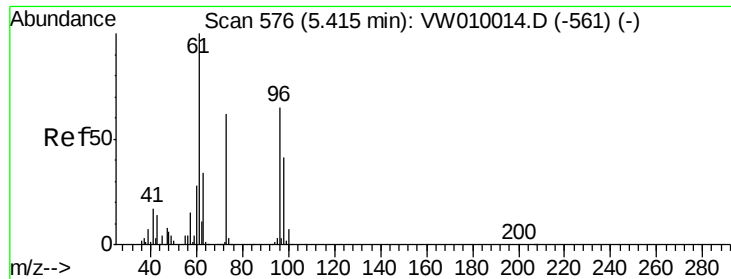
MMDadoda
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#20
Methylene Chloride
Concen: 19.811 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion: 84 Resp: 105672
Ion Ratio Lower Upper
84 100
49 138.7 112.3 168.5
51 40.6 33.9 50.9
86 66.1 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 19.224 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

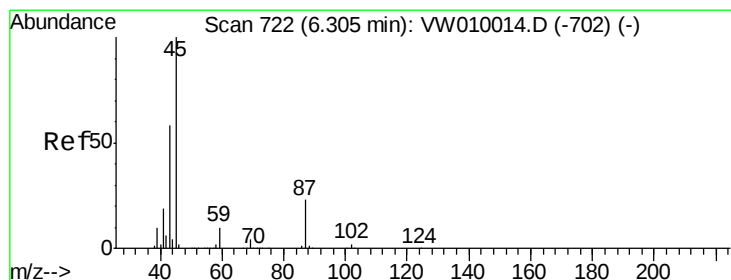
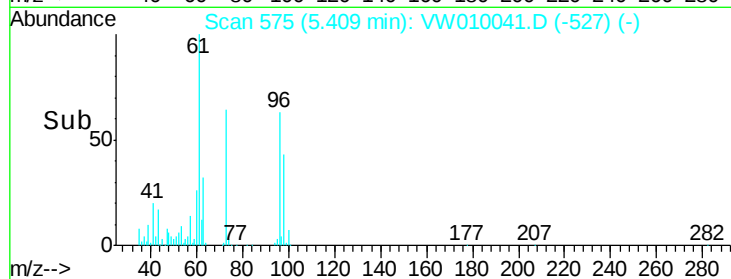
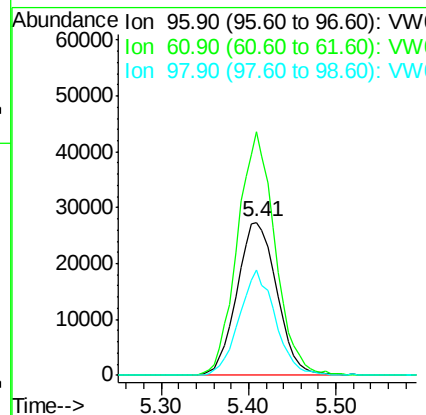
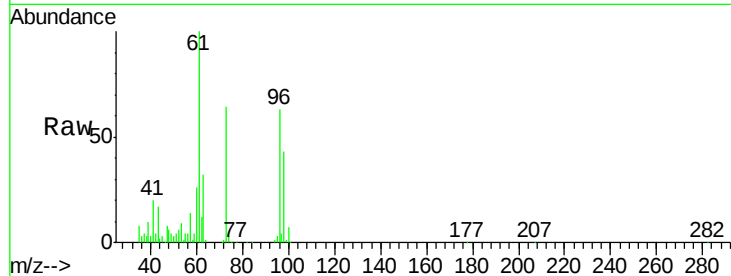
ClientSampleId :

VW0418SBS01

Tot Ion:	96	Resp:	87161
Ion	Ratio	Lower	Upper
96	100		
61	158.5	122.3	183.5
98	68.8	50.5	75.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.058 ug/l

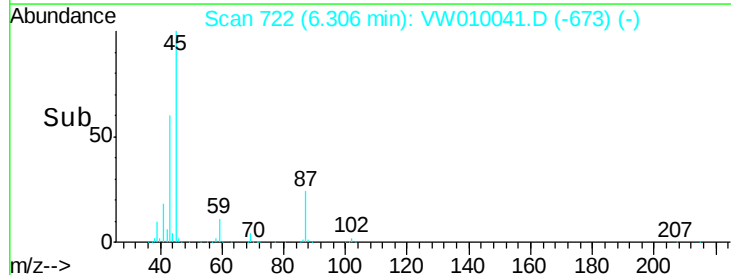
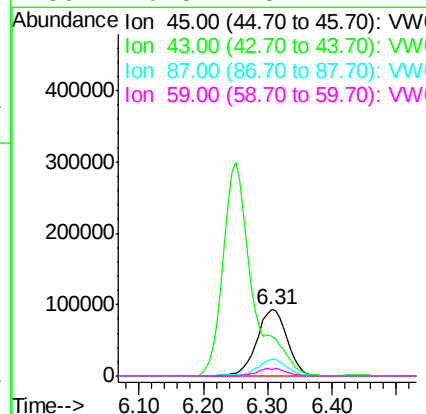
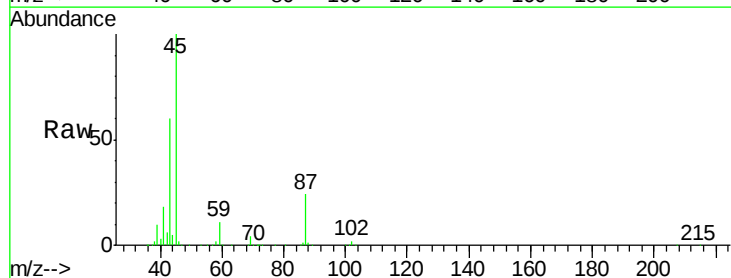
RT: 6.31 min Scan# 722

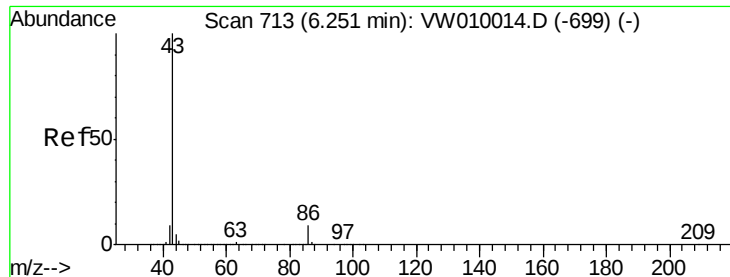
Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Tgt Ion:	45	Resp:	302860
Ion	Ratio	Lower	Upper
45	100		
43	59.3	46.1	69.1
87	24.0	18.3	27.5
59	10.5	8.2	12.4





#23

Vinyl Acetate

Concen: 100.986 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

Tot Ion: 43 Resp: 959895

Ion Ratio Lower Upper

43 100

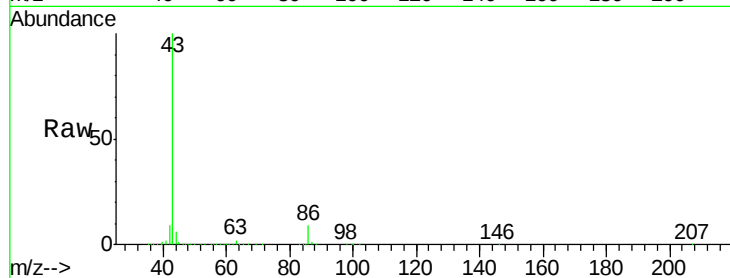
86 9.3 7.0 10.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

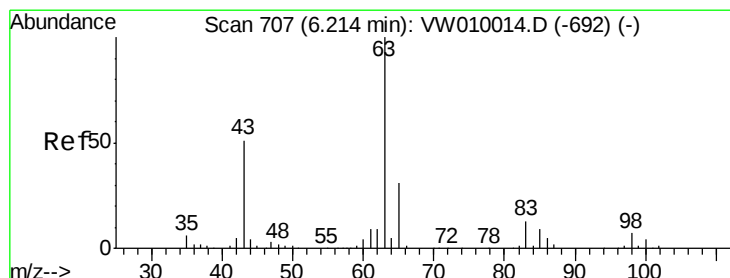
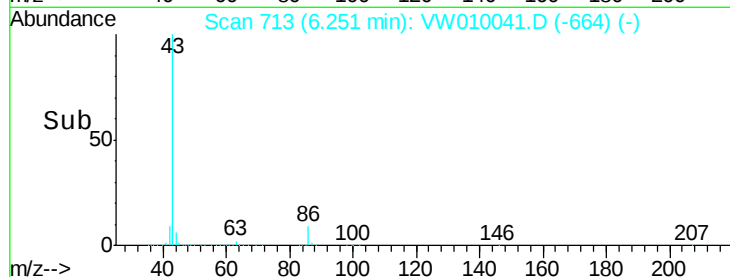
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.518 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

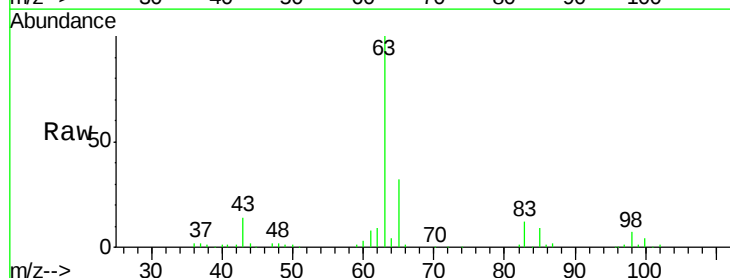
Tgt Ion: 63 Resp: 176177

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.8

100 3.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.20

80000

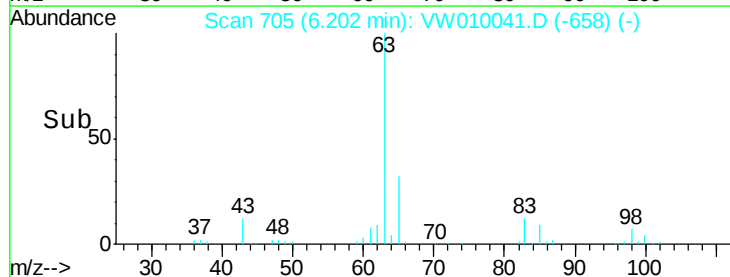
60000

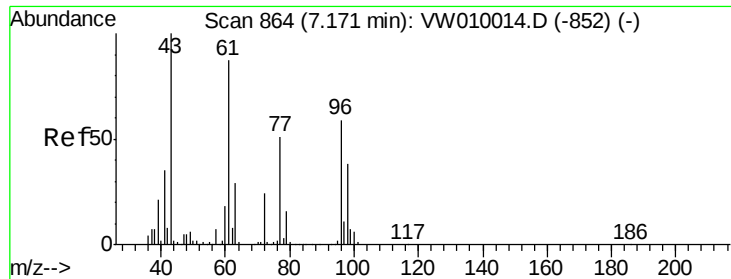
40000

20000

0

Time-->





#25

2-Butanone

Concen: 102.337 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

Tot Ion: 43 Resp: 163023

Ion Ratio Lower Upper

43 100

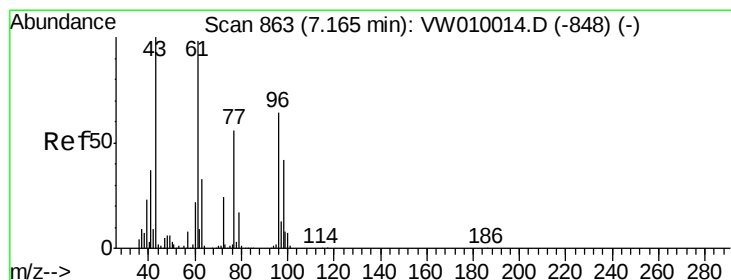
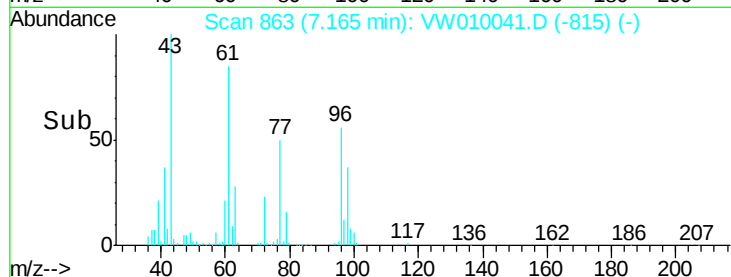
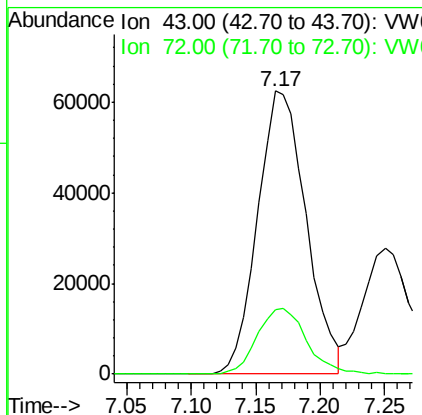
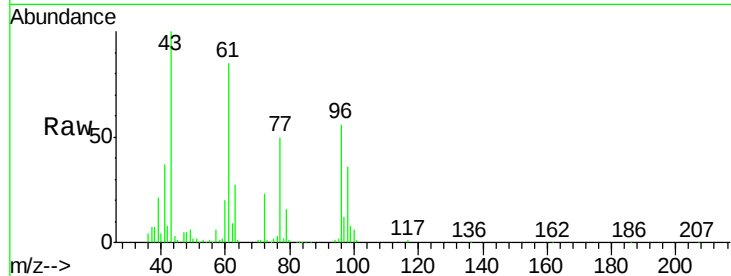
72 23.0 19.1 28.7

Manual Integrations

APPROVED

MMDadoda

4/19/2019 12:52:54 PM



#26

2,2-Dichloropropane

Concen: 19.036 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW010041.D

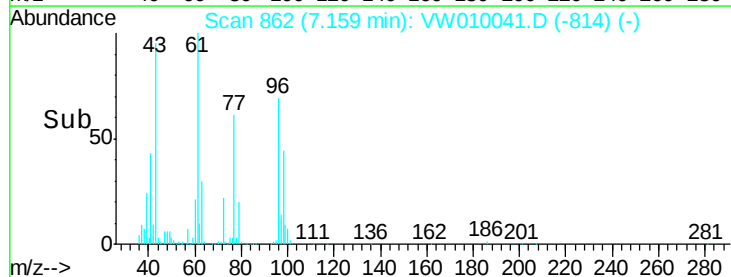
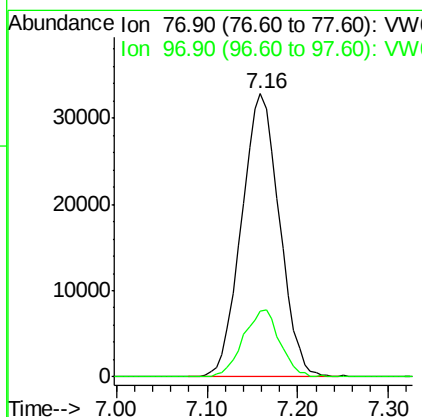
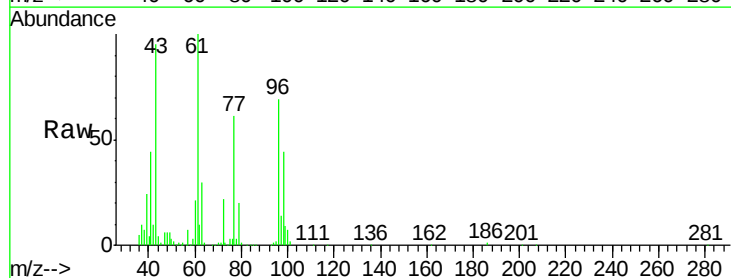
Acq: 18 Apr 2019 13:22

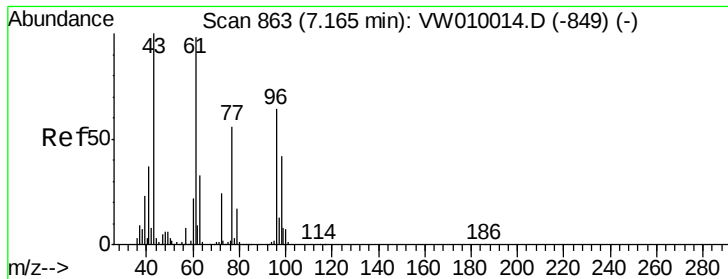
Tgt Ion: 77 Resp: 95066

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9





#27

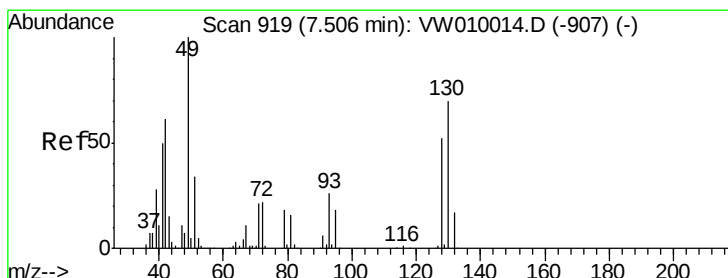
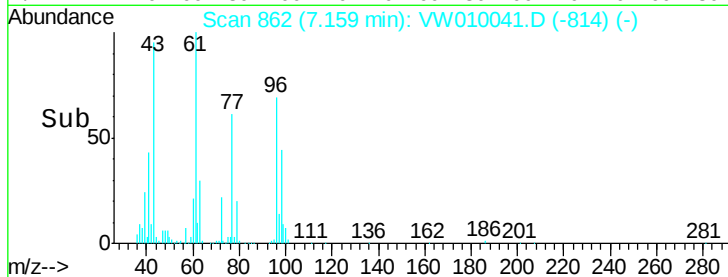
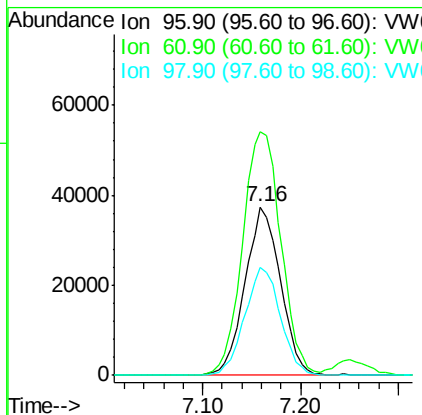
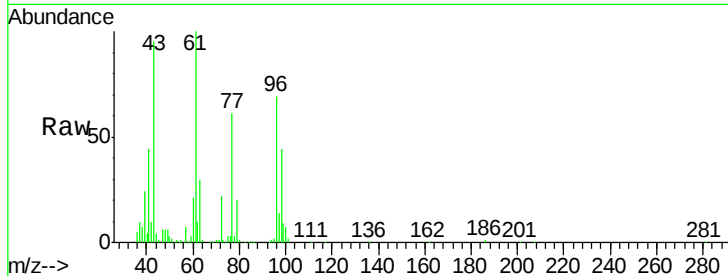
cis-1,2-Dichloroethene
 Concen: 18.926 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW010041.D
 Acq: 18 Apr 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100			
61	61	155.6	0.0	309.4	
98	98	64.4	0.0	128.6	

Manual Integrations
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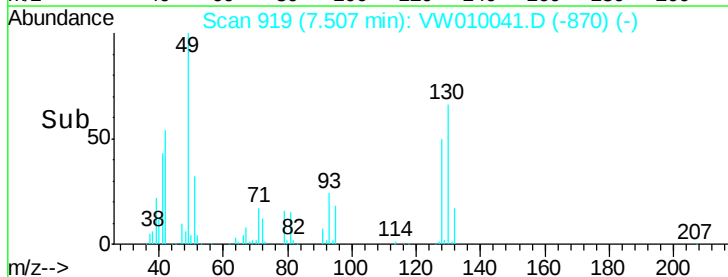
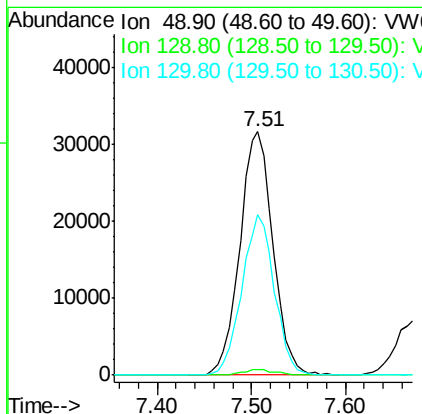
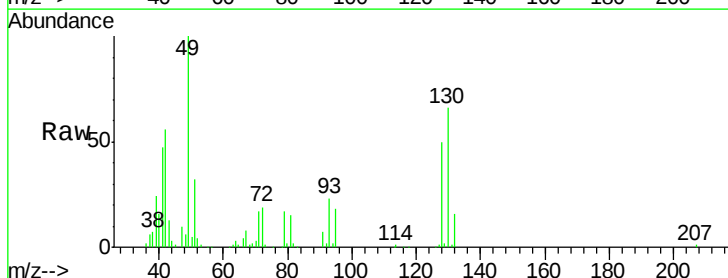
MMDadoda
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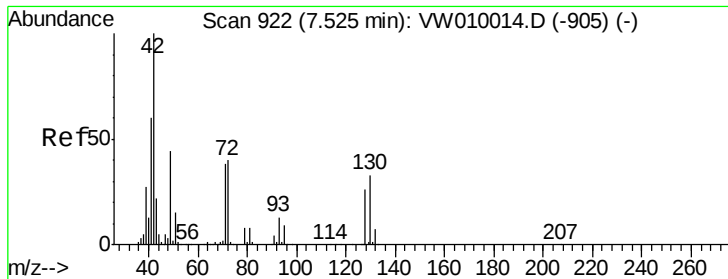


#28

Bromochloromethane
 Concen: 21.028 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW010041.D
 Acq: 18 Apr 2019 13:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	49	100			
129	129	2.3	0.0	3.8	
130	130	64.8	54.6	82.0	





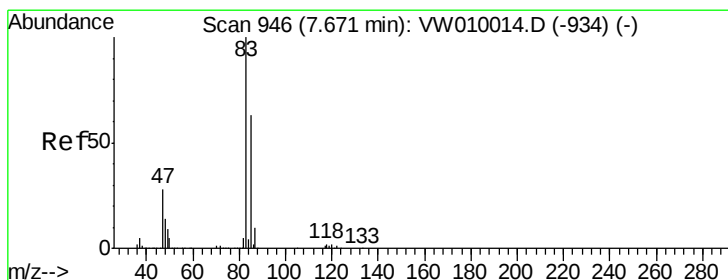
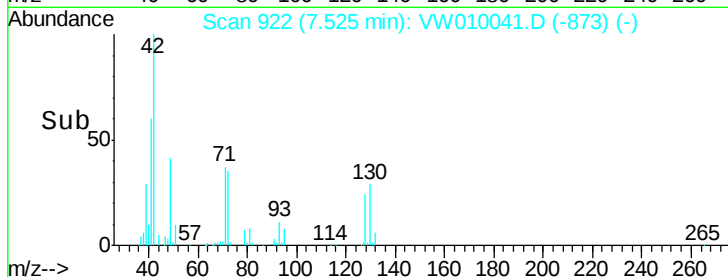
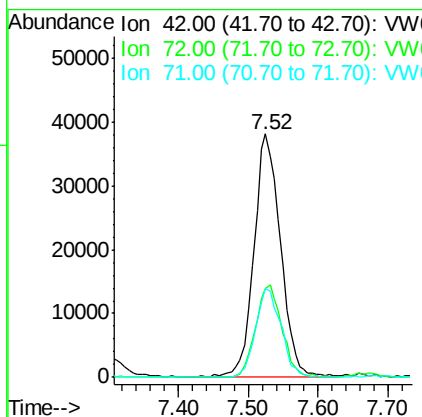
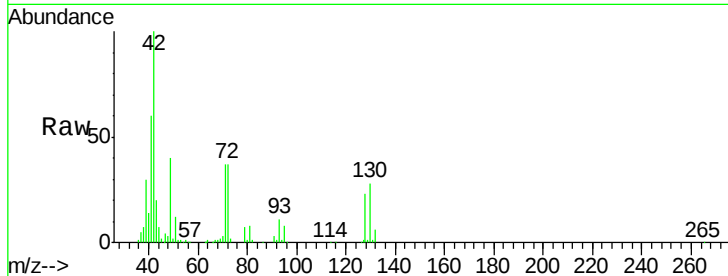
#29
Tetrahydrofuran
Concen: 99.424 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.8	31.0	46.6
71	35.1	29.7	44.5

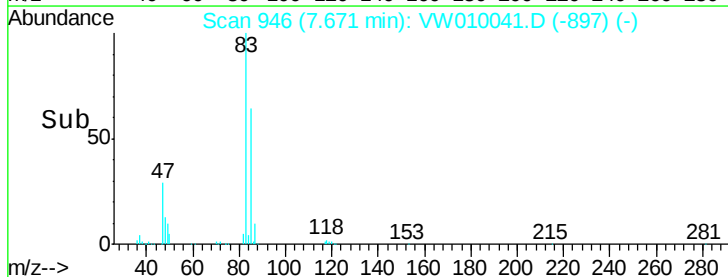
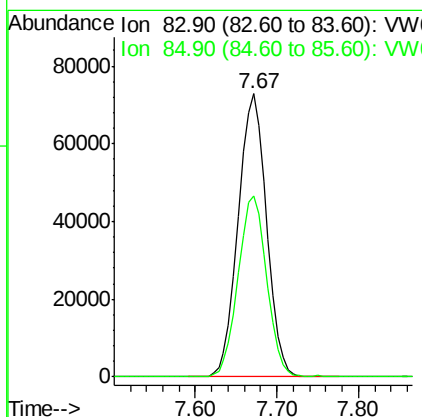
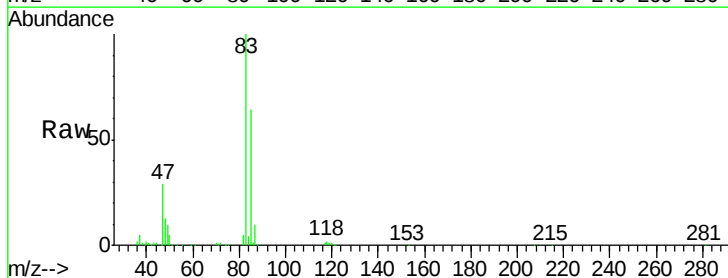
Manual Integrations
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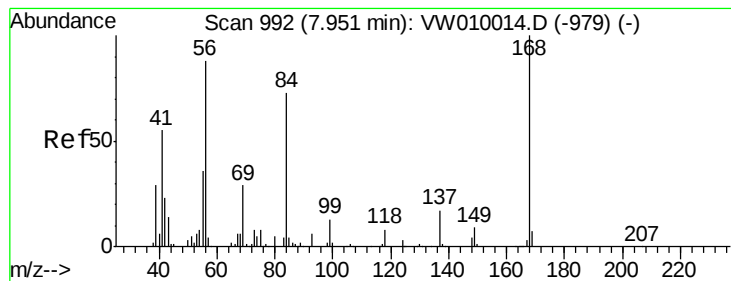
MMDadoda
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#30
Chloroform
Concen: 19.413 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.7	76.1





#31

Cyclohexane

Concen: 18.957 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

Tot Ion: 56 Resp: 160231

Ion Ratio Lower Upper

56 100

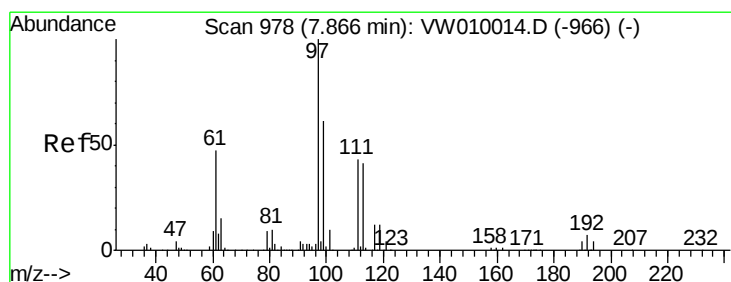
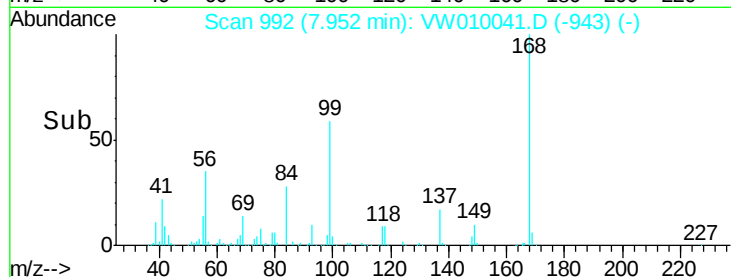
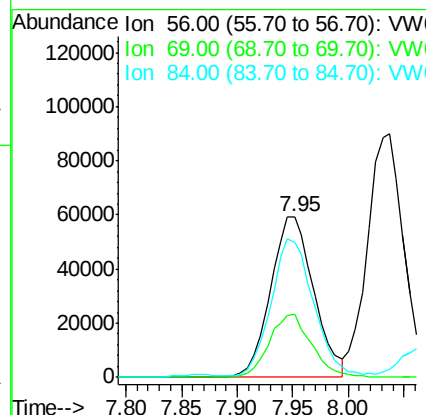
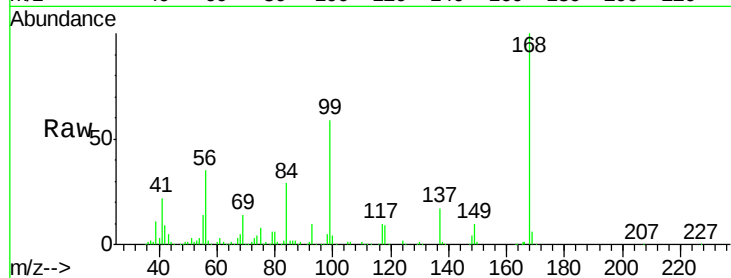
69 39.3 26.6 40.0

84 82.9 66.2 99.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.843 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

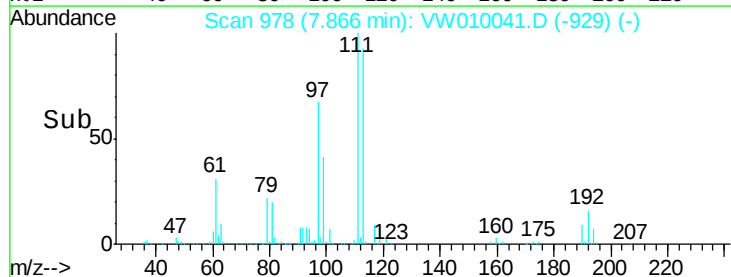
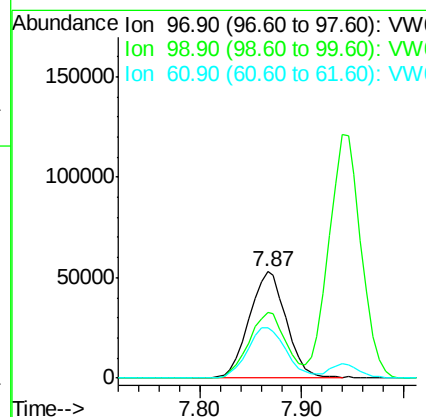
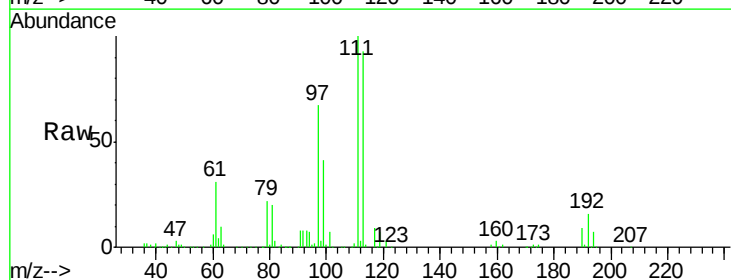
Tgt Ion: 97 Resp: 133789

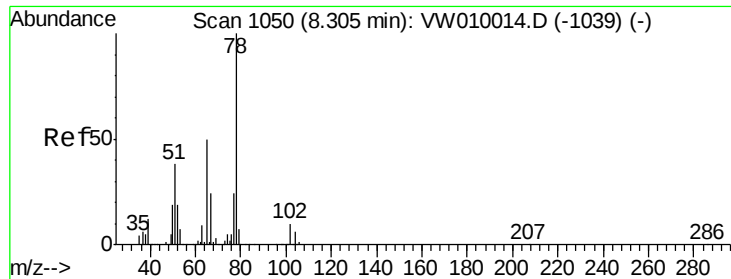
Ion Ratio Lower Upper

97 100

99 62.6 50.2 75.2

61 49.6 38.2 57.2





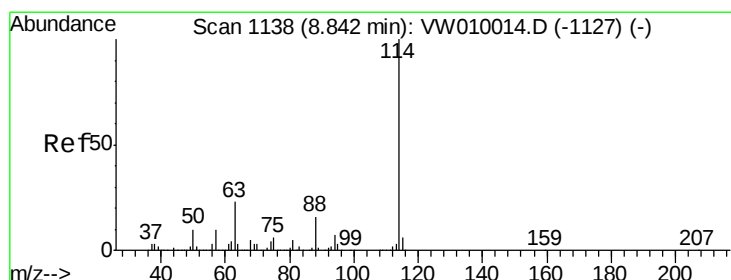
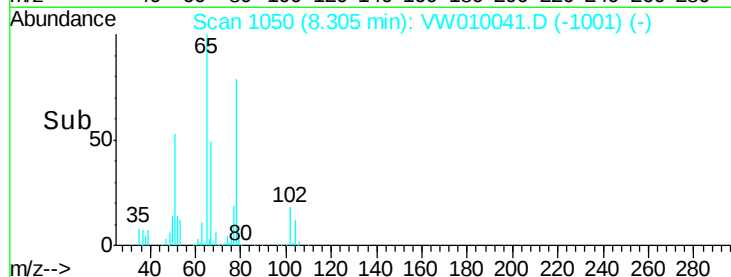
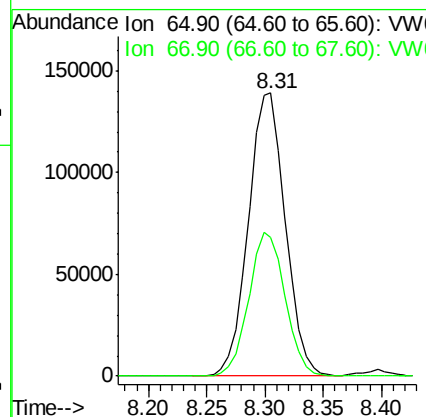
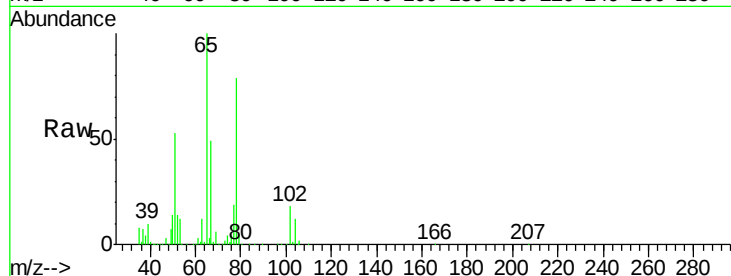
#33
 1,2-Dichloroethane-d4
 Concen: 58.885 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010041.D
 Acq: 18 Apr 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	307771		
67	50.2	0.0	100.8	

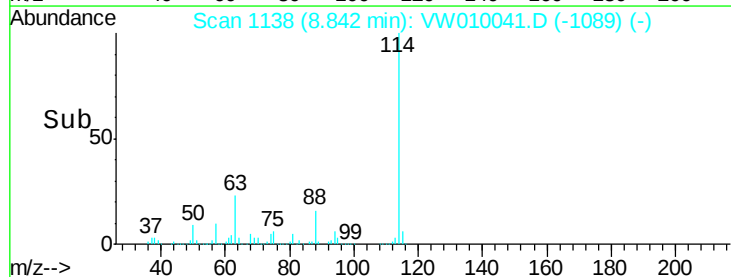
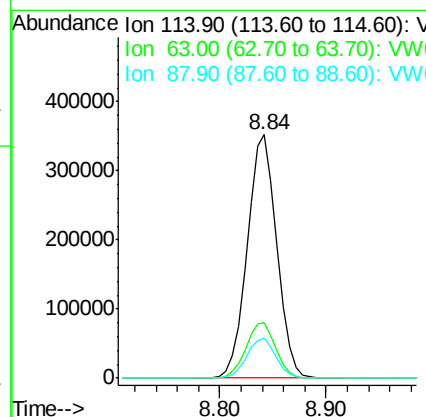
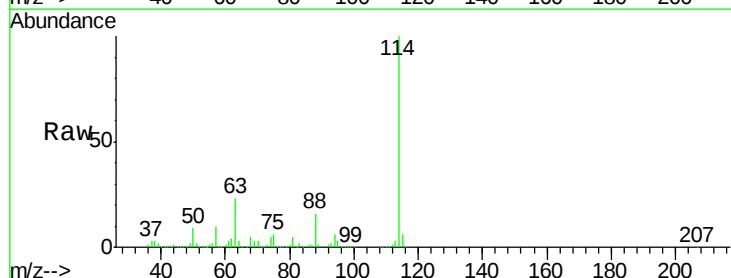
Manual Integrations
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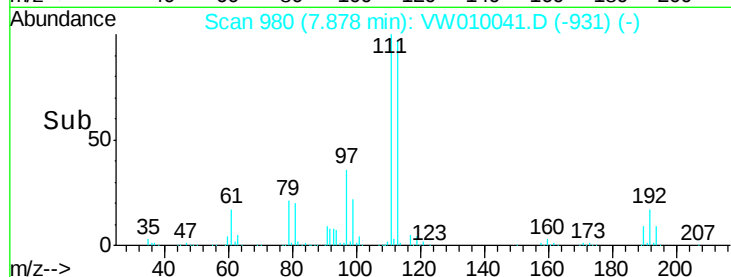
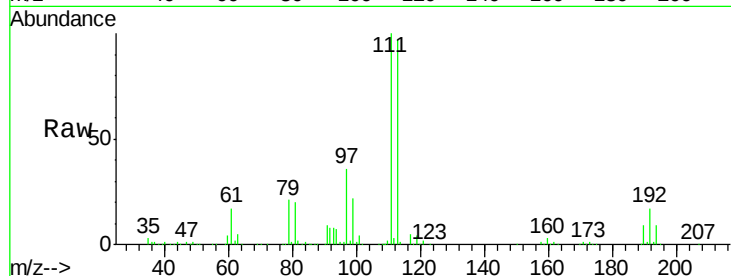
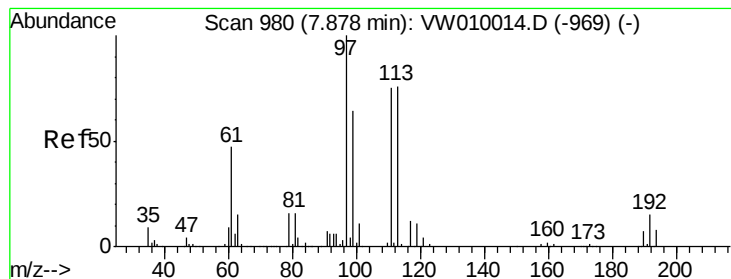
MMDadoda
 4/19/2019 12:52:54 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010041.D
 Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	682399		
63	23.0	0.0	46.2	
88	16.3	0.0	32.6	





#35

Dibromofluoromethane

Concen: 57.727 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW010041.D

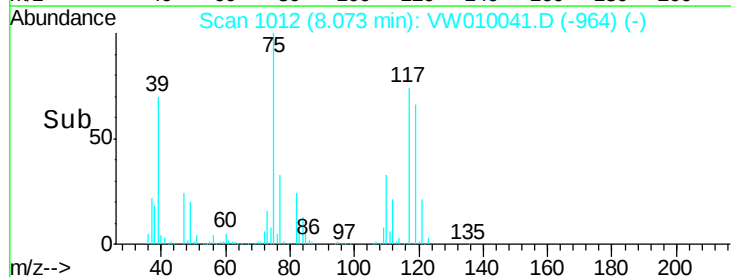
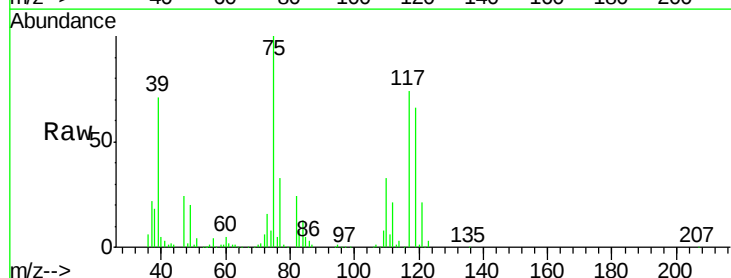
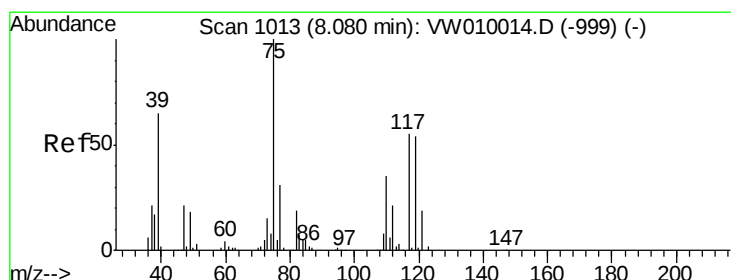
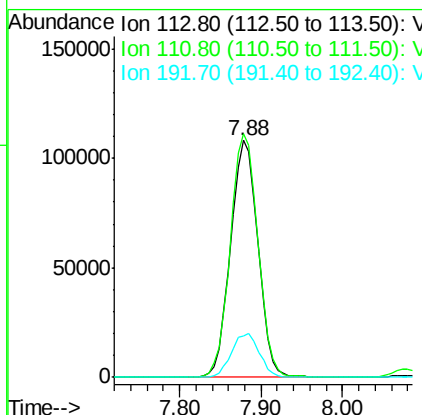
Acq: 18 Apr 2019 13:22

Tot Ion:	113	Resp:	250446
Ion Ratio	Lower	Upper	
113	100		
111	103.6	82.6	123.8
192	18.8	15.4	23.2

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.609 ug/l

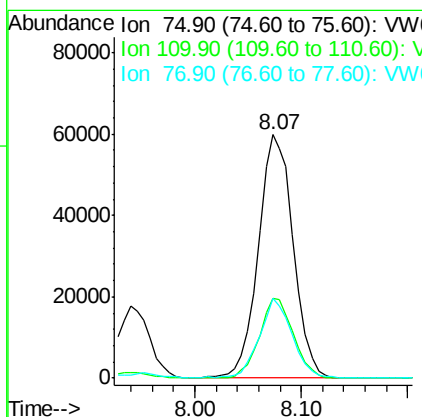
RT: 8.07 min Scan# 1012

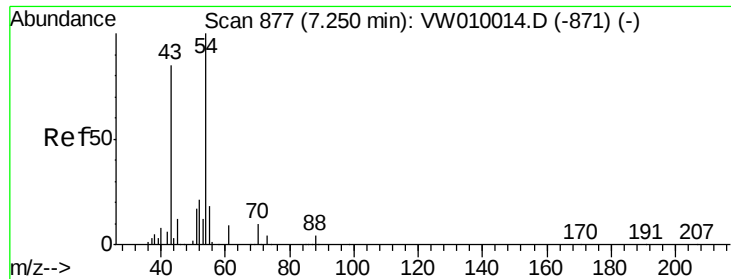
Delta R.T. -0.01 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Tgt Ion:	75	Resp:	136687
Ion Ratio	Lower	Upper	
75	100		
110	32.1	16.6	49.8
77	31.1	24.8	37.2





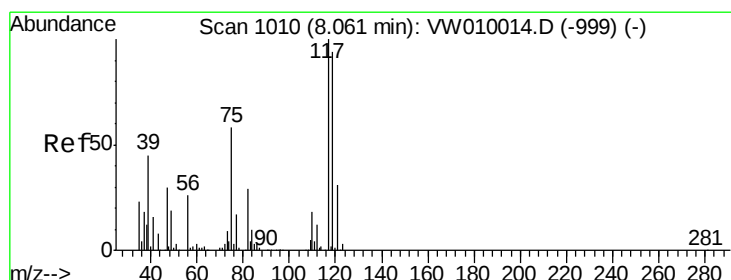
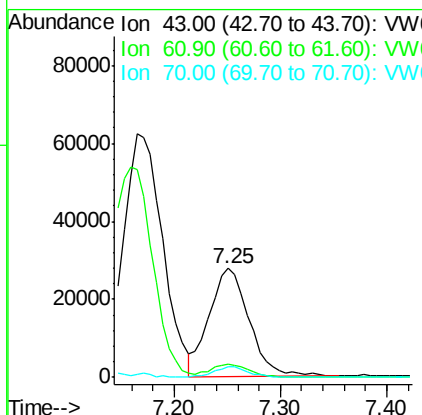
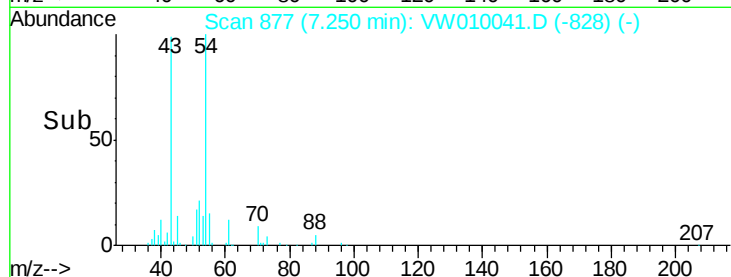
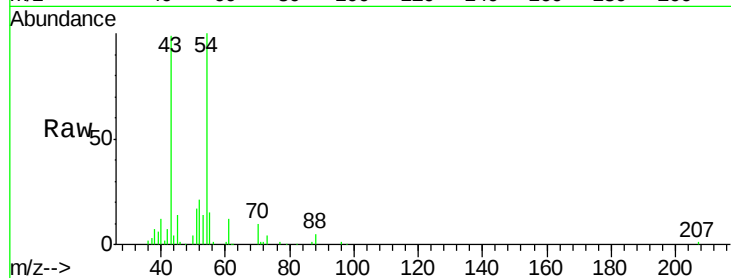
#37
Ethyl Acetate
Concen: 20.429 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.3	9.8	14.8
70	8.8	7.4	11.0

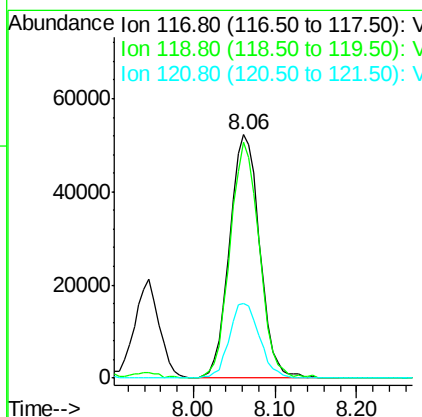
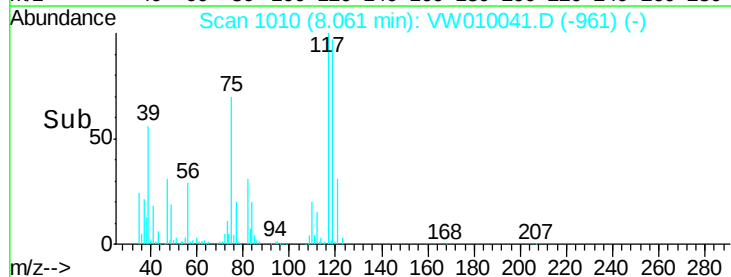
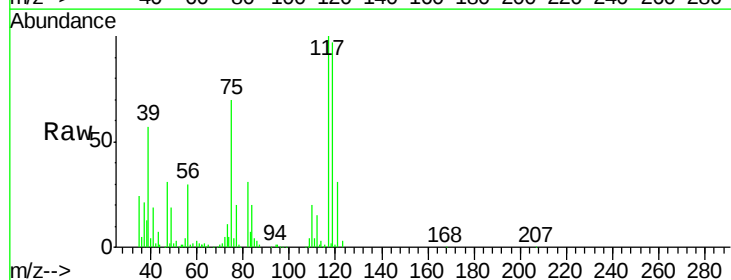
Manual Integrations
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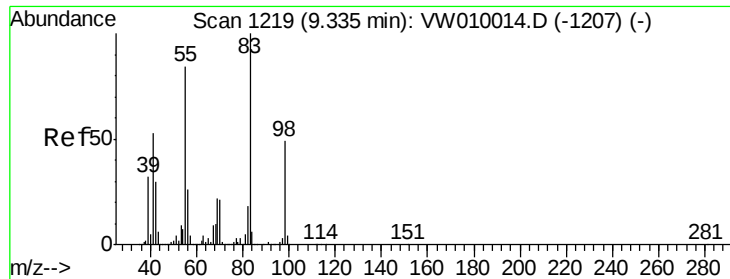
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.529 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.3	112.9
121	30.6	24.4	36.6





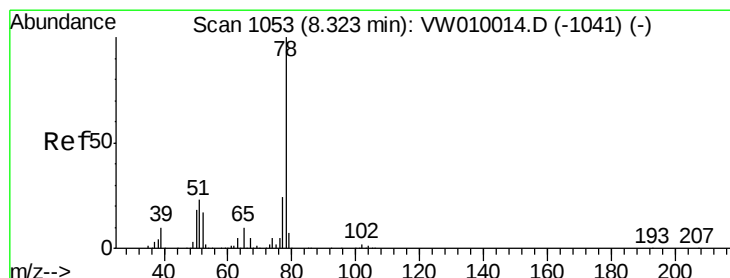
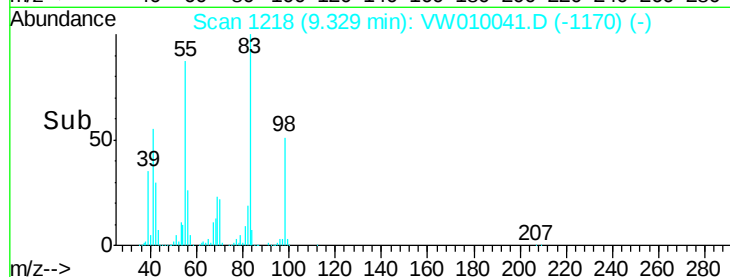
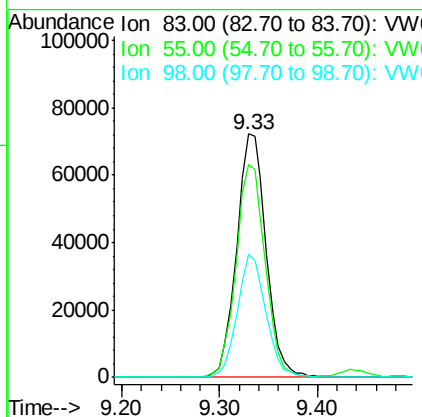
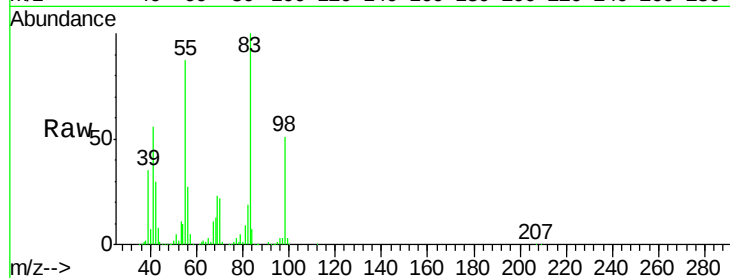
#39
Methvlcvclohexane
Concen: 18.548 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.2	67.1	100.7
98	50.8	39.2	58.8

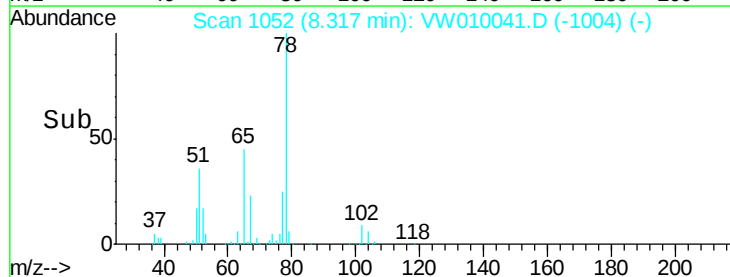
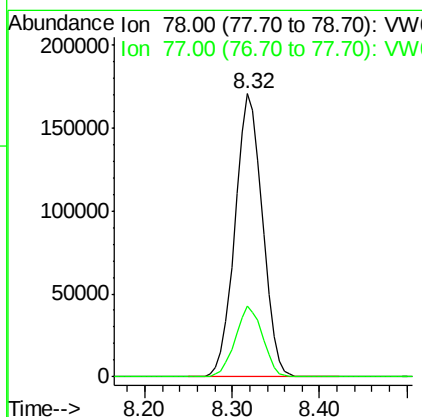
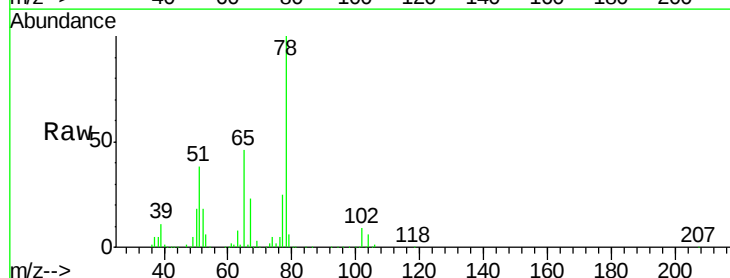
Manual Integrations
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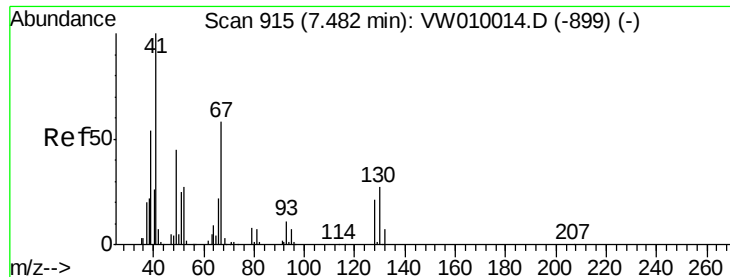
MMDadoda
4/19/2019 12:52:54 PM



#40
Benzene
Concen: 19.540 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.1	28.7





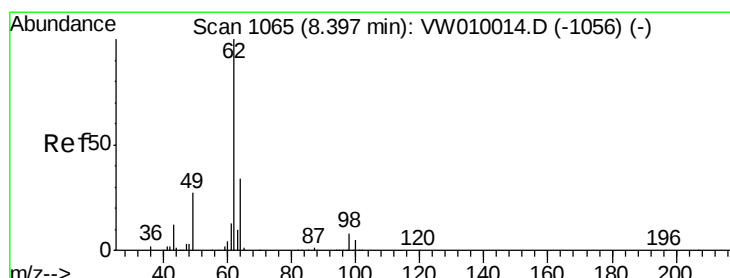
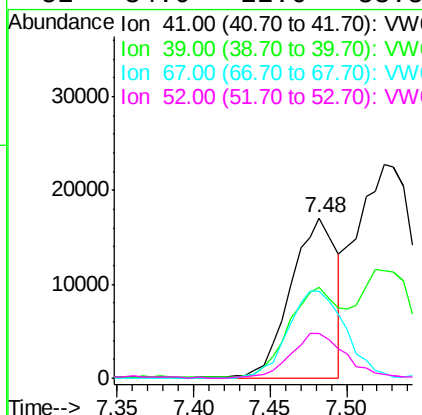
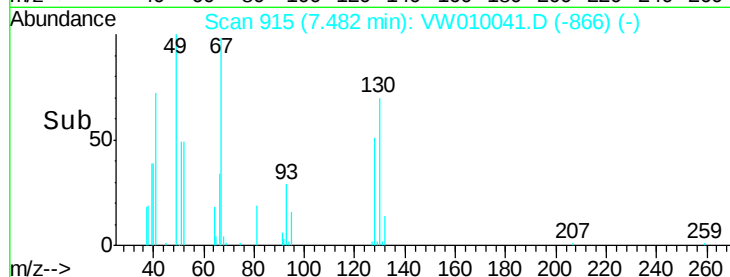
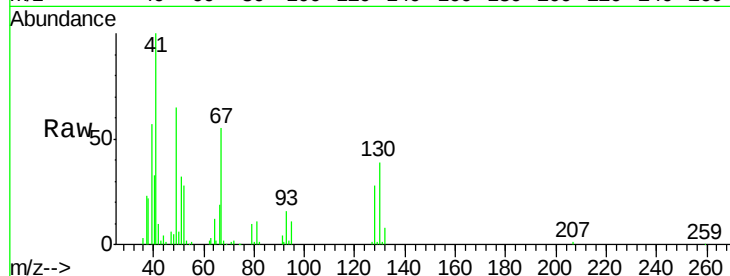
#41
Methacrylonitrile
Concen: 17.621 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.9	45.0	67.4
67	68.1	50.7	76.1
52	34.0	22.6	33.8#

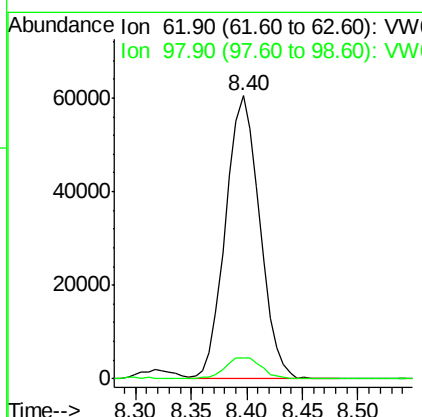
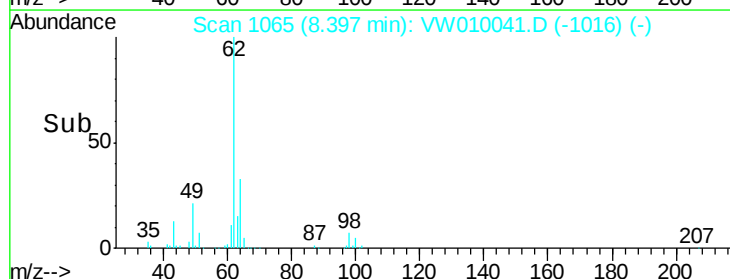
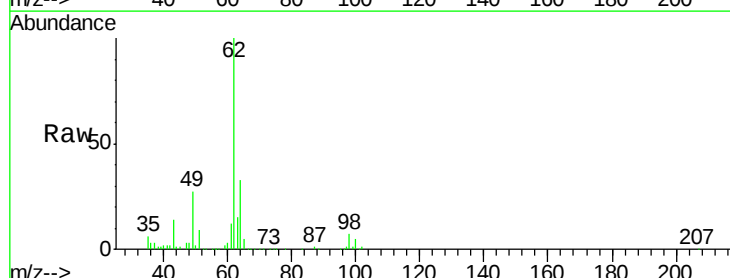
Manual Integrations
APPROVED

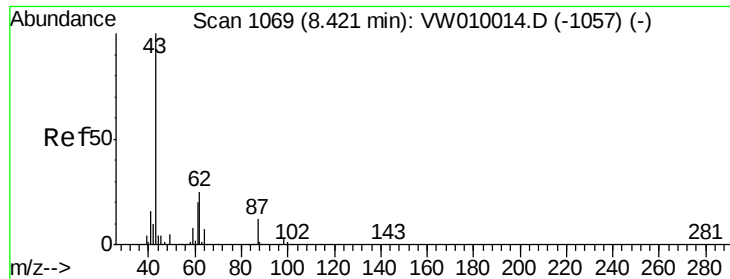
MMDadoda
4/19/2019 12:52:54 PM



#42
1,2-Dichloroethane
Concen: 19.707 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.644 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

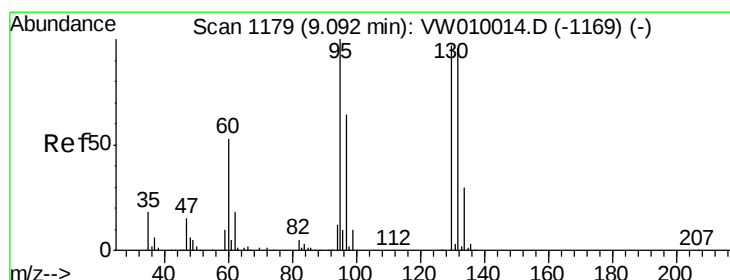
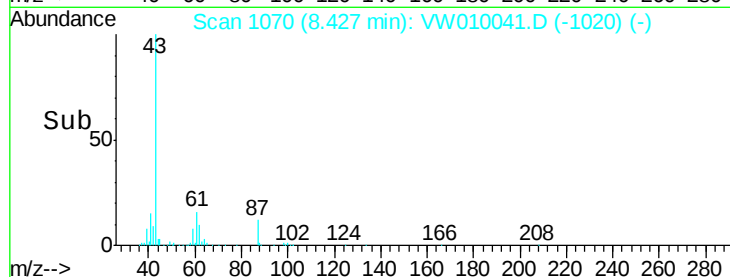
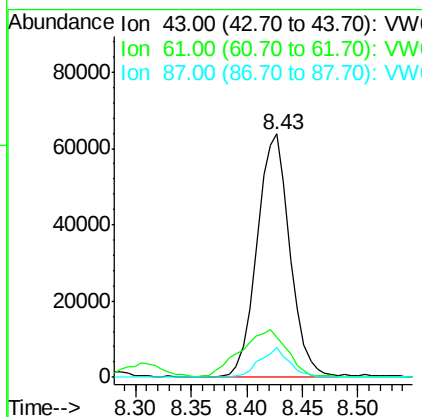
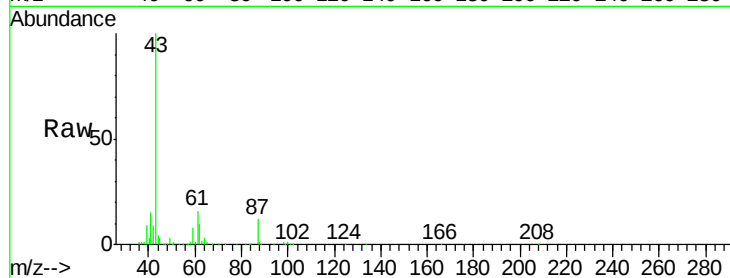
ClientSampleId :

VW0418SBS01

Tot Ion:	43	Resp:	130385
Ion	Ratio	Lower	Upper
43	100		
61	28.1	23.0	34.6
87	11.1	9.3	13.9

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#44

Trichloroethene

Concen: 19.492 ug/l

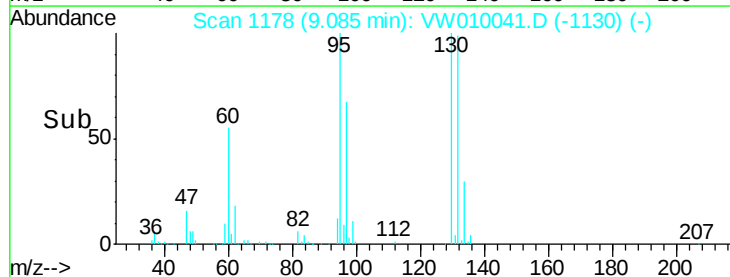
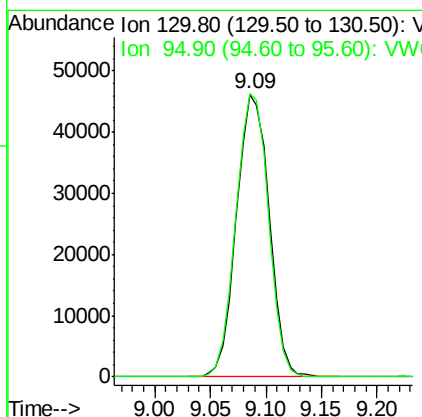
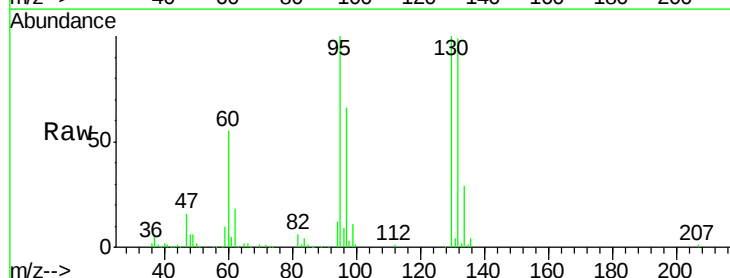
RT: 9.09 min Scan# 1178

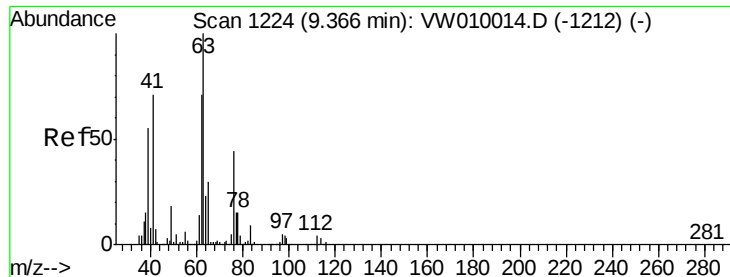
Delta R.T. -0.01 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Tgt Ion:	130	Resp:	94359
Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	205.4





#45

1,2-Dichloropropane

Concen: 19.527 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

Tot Ion: 63 Resp: 97824

Ion Ratio Lower Upper

63 100

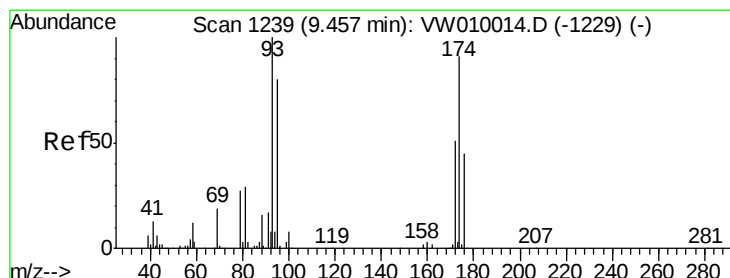
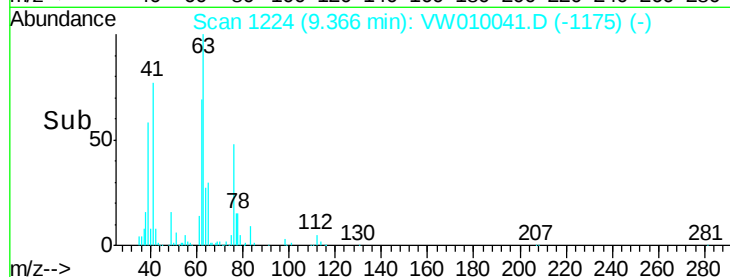
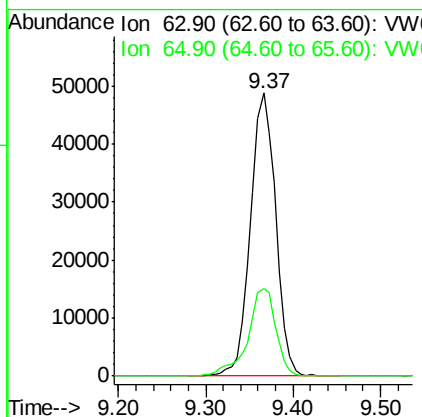
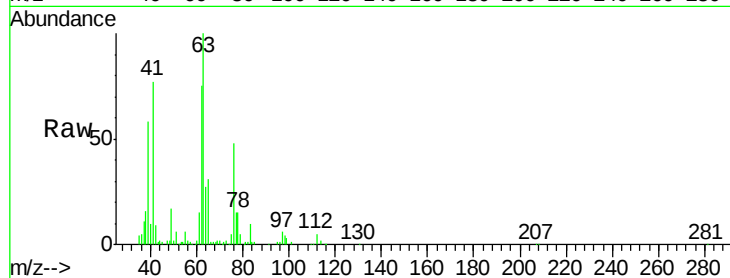
65 30.8 23.8 35.6

Manual Integrations

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#46

Dibromomethane

Concen: 19.336 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

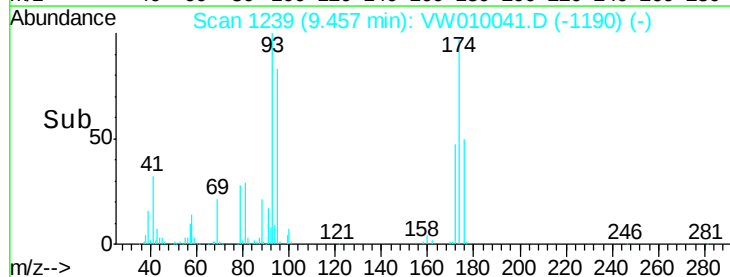
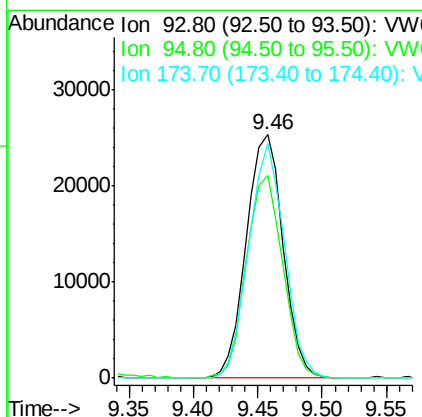
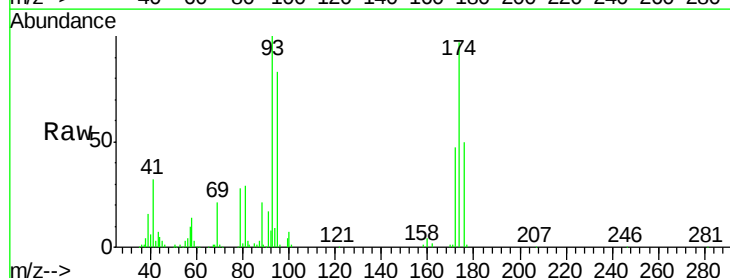
Tgt Ion: 93 Resp: 50207

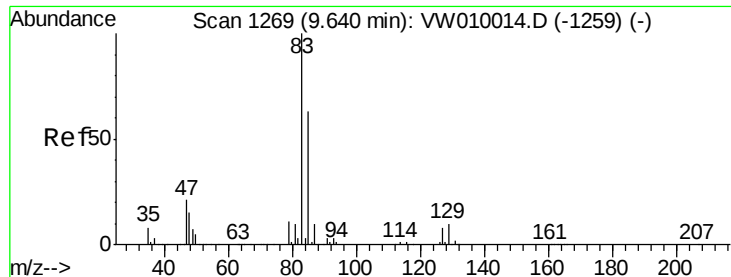
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.8

174 93.8 75.5 113.3





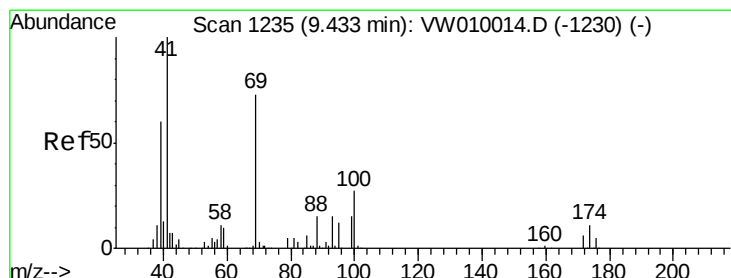
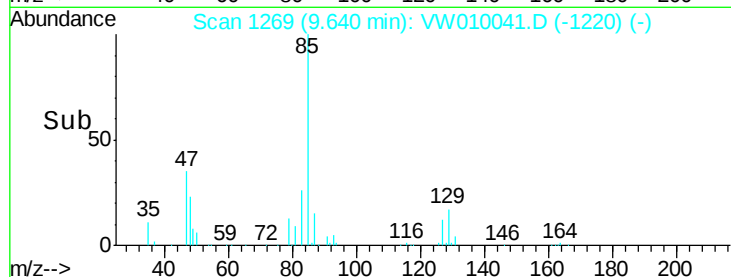
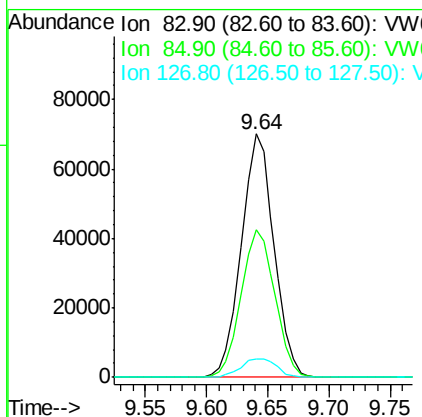
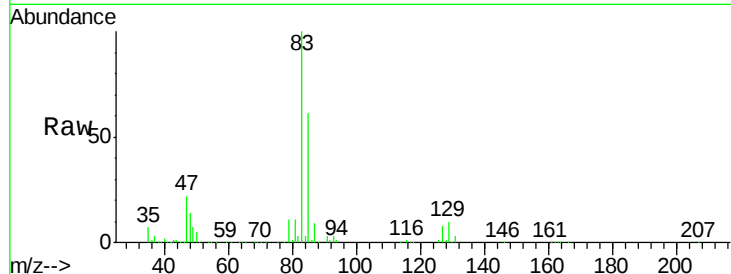
#47
Bromodichloromethane
Concen: 19.385 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	129930		
85	60.7	50.6	75.8	
127	7.6	6.6	10.0	

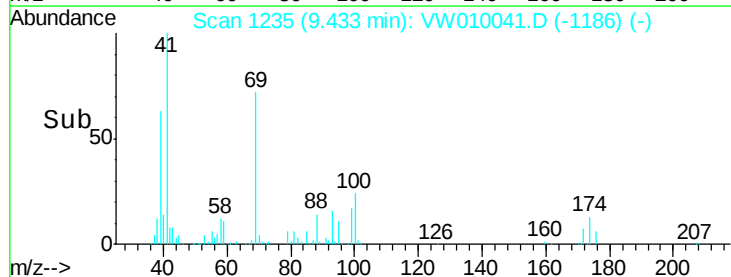
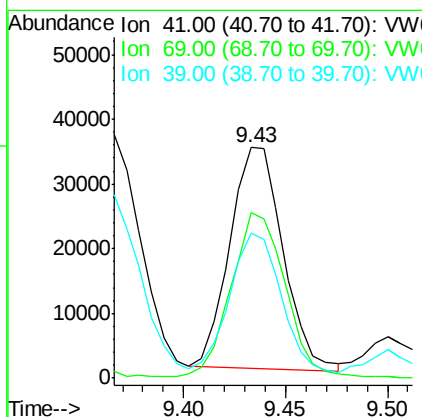
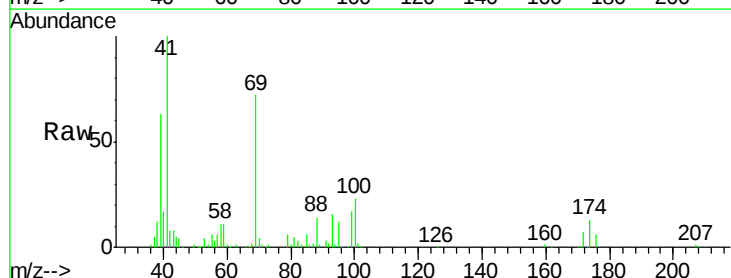
Manual Integrations
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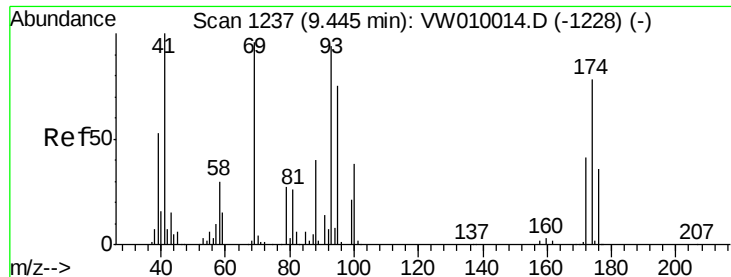
MMDadoda
4/19/2019 12:52:54 PM



#48
Methyl methacrylate
Concen: 19.027 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	61476		
69	77.3	60.1	90.1	
39	66.2	51.0	76.6	





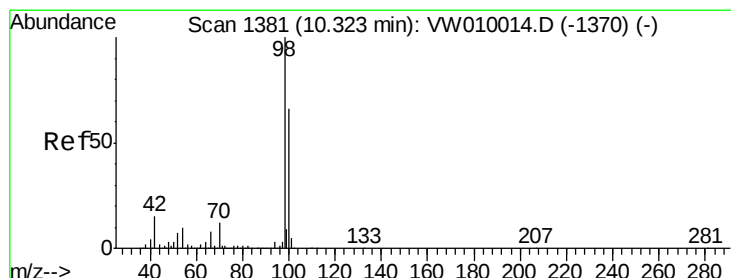
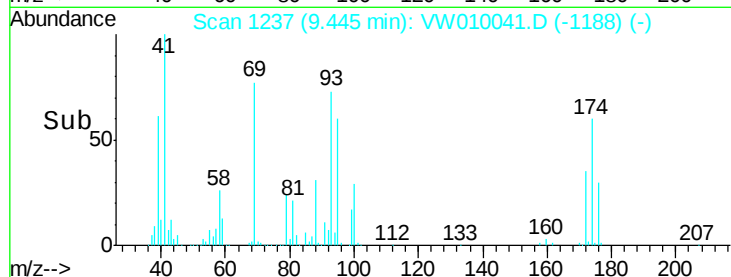
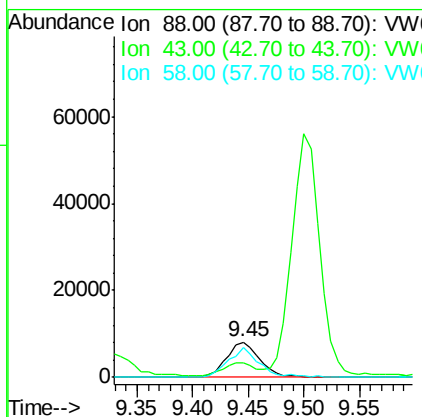
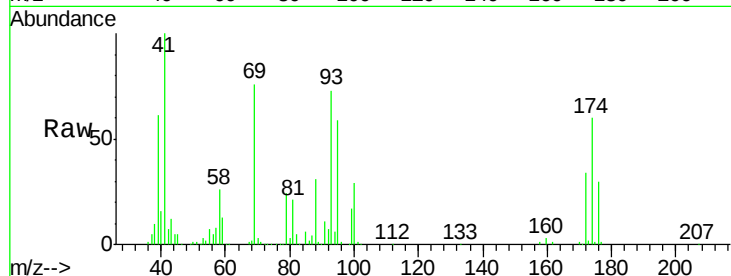
#49
1,4-Dioxane
Concen: 422.685 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	88	Resp	16770
Ion Ratio	Lower	Upper	
88	100		
43	37.7	31.9	47.9
58	74.4	61.8	92.6

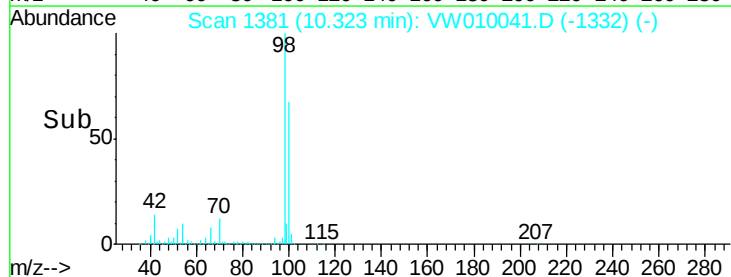
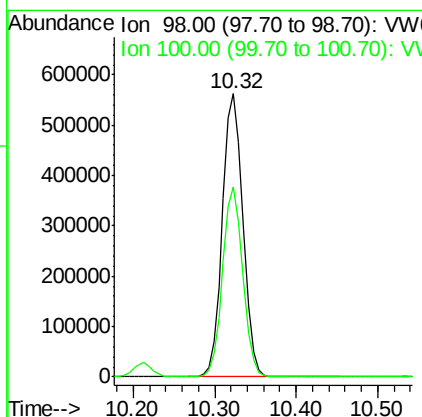
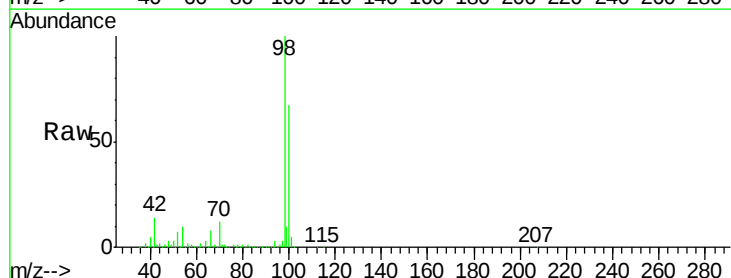
Manual Integrations
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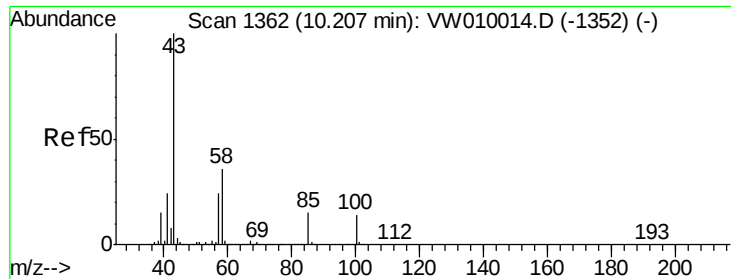
MMDadoda
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#50
Toluene-d8
Concen: 60.284 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	98	Resp	980037
Ion Ratio	Lower	Upper	
98	100		
100	65.6	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 103.456 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

Tot Ion: 43 Resp: 359655

Ion Ratio Lower Upper

43 100

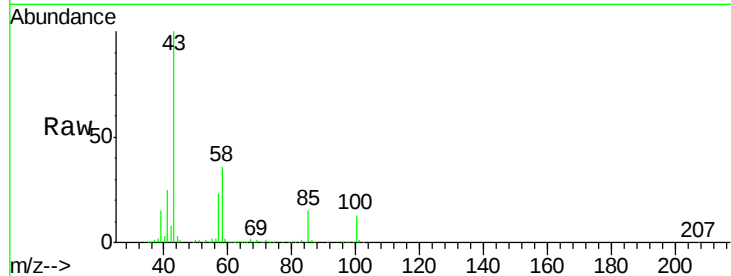
58 35.6 28.9 43.3

Manual Integrations

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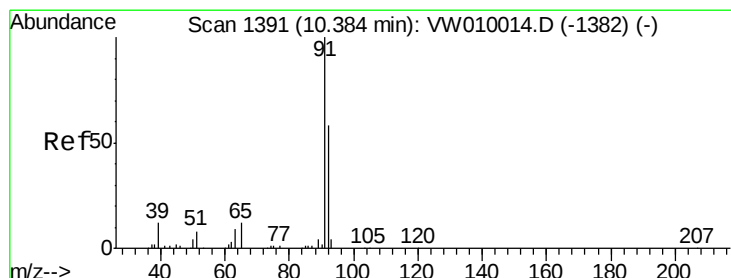
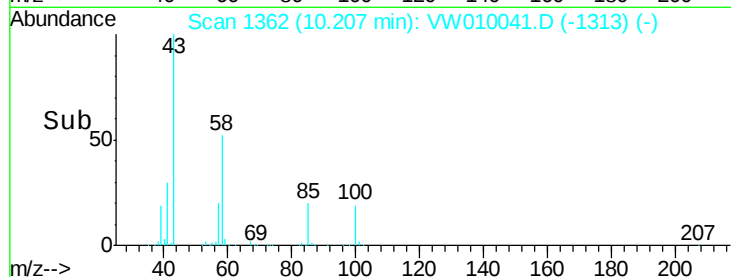
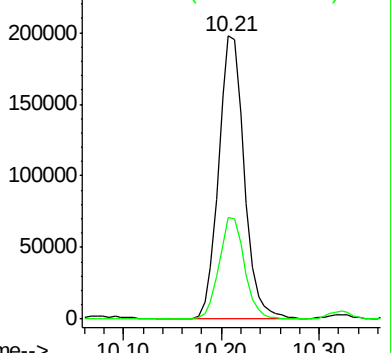
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 19.806 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW010041.D

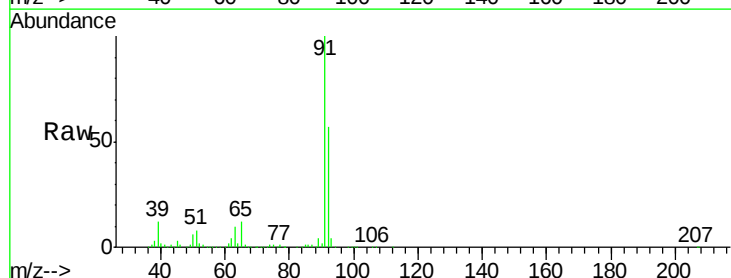
Acq: 18 Apr 2019 13:22

Tgt Ion: 92 Resp: 235150

Ion Ratio Lower Upper

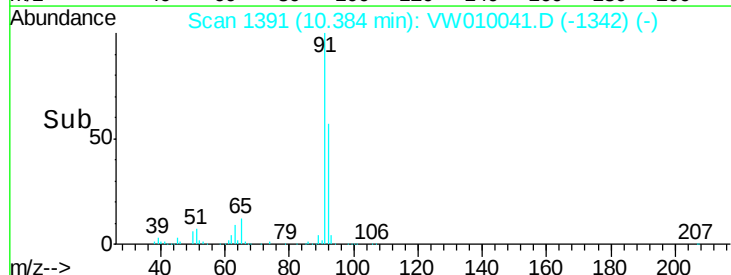
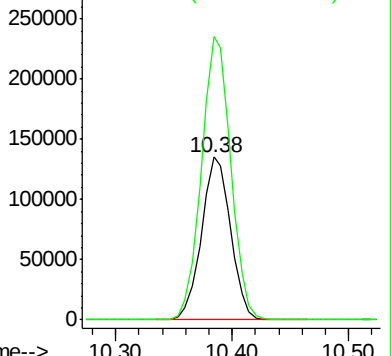
92 100

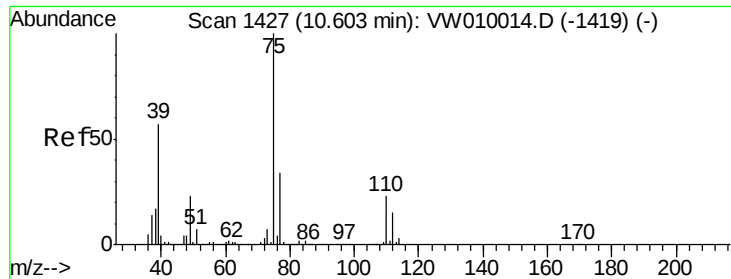
91 174.6 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 19.638 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

Tot Ion: 75 Resp: 130502

Ion Ratio Lower Upper

75 100

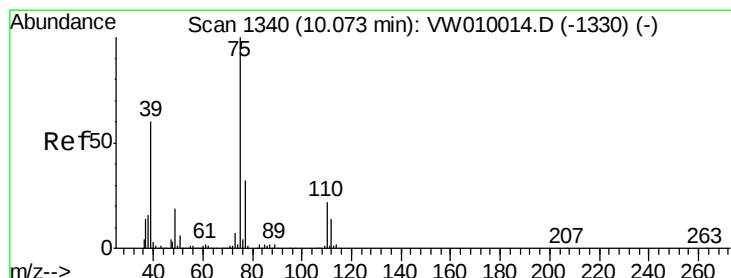
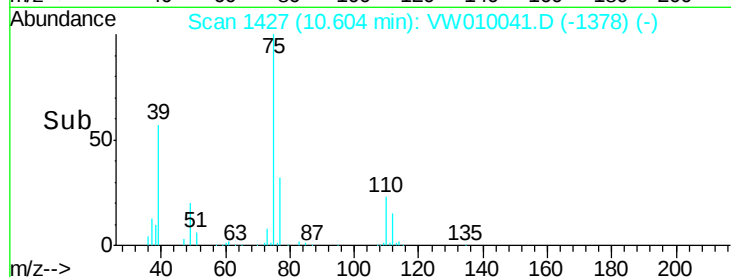
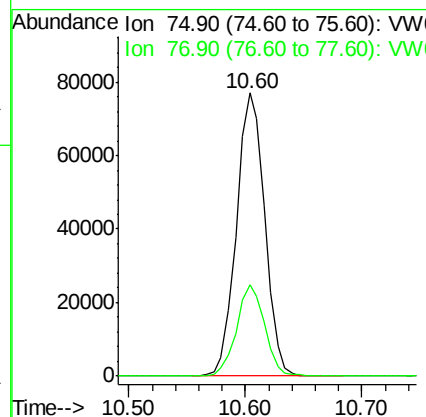
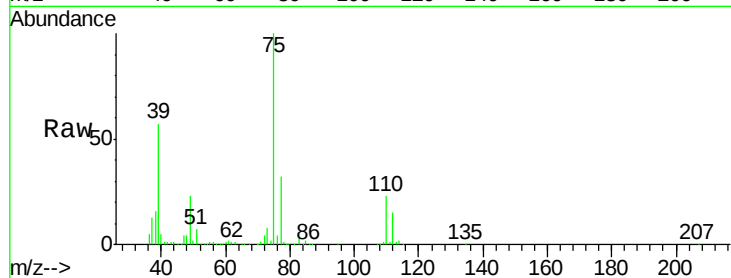
77 32.0 26.9 40.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.426 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

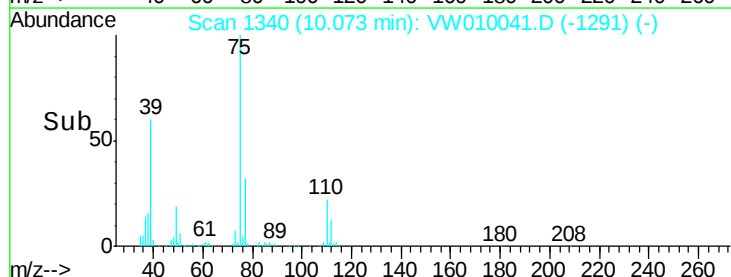
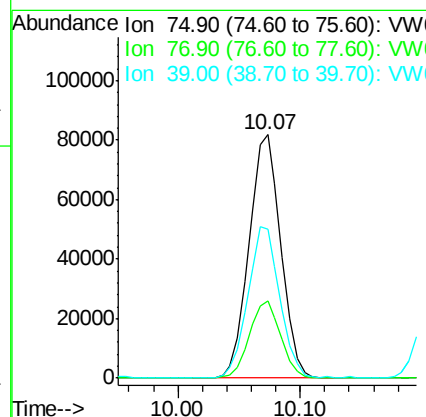
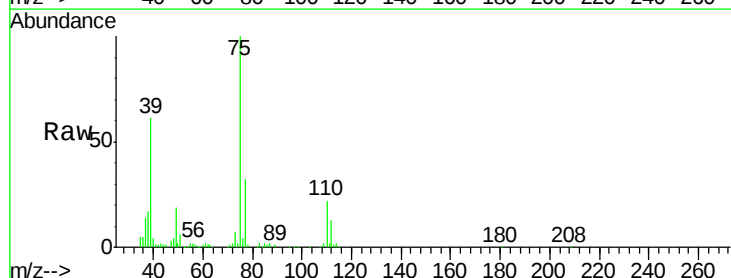
Tgt Ion: 75 Resp: 147406

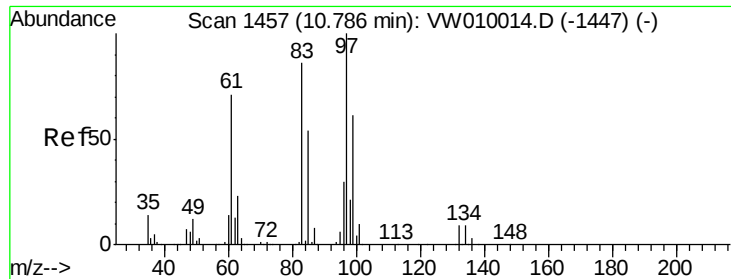
Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 60.8 47.8 71.6





#55

1,1,2-Trichloroethane

Concen: 19.984 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

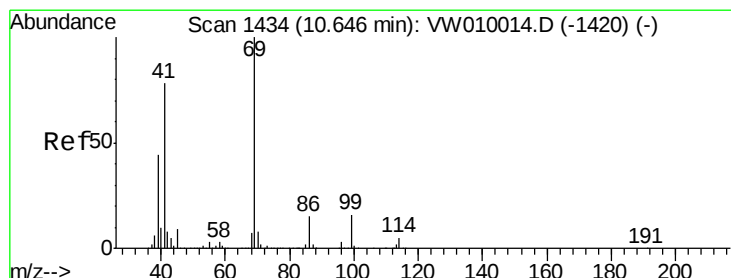
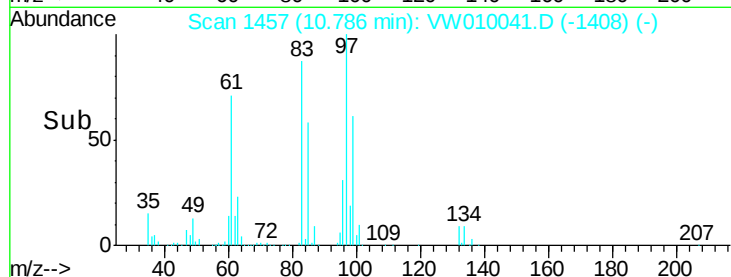
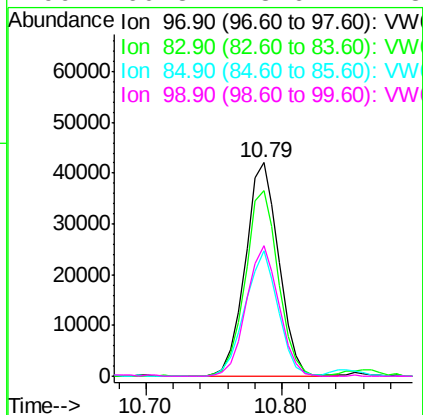
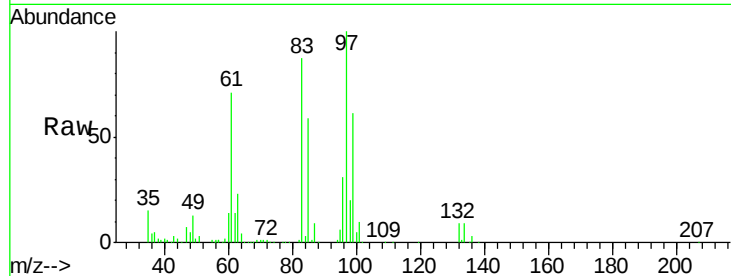
ClientSampleId :

VW0418SBS01

Tot Ion:	97	Resp:	72424
Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.9	103.3
85	58.5	42.9	64.3
99	60.8	48.6	72.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.246 ug/l

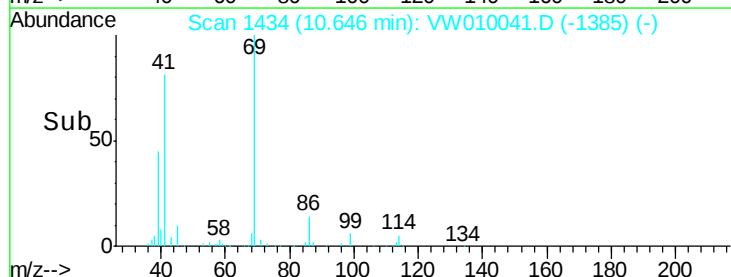
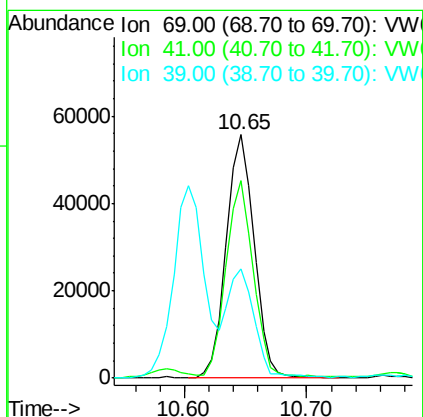
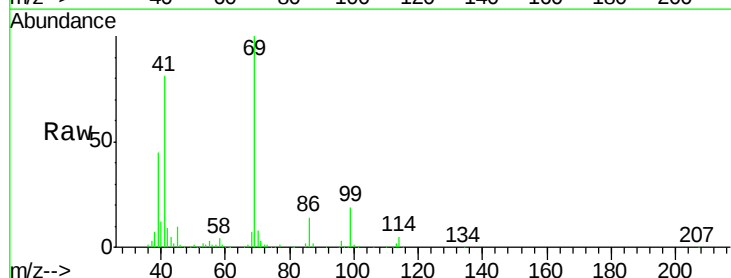
RT: 10.65 min Scan# 1434

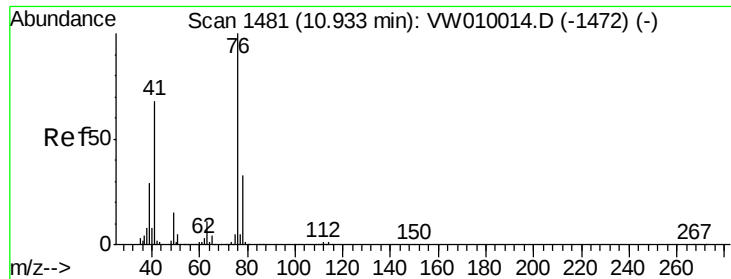
Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Tgt Ion:	69	Resp:	88226
Ion	Ratio	Lower	Upper
69	100		
41	79.9	61.0	91.6
39	42.5	33.8	50.6





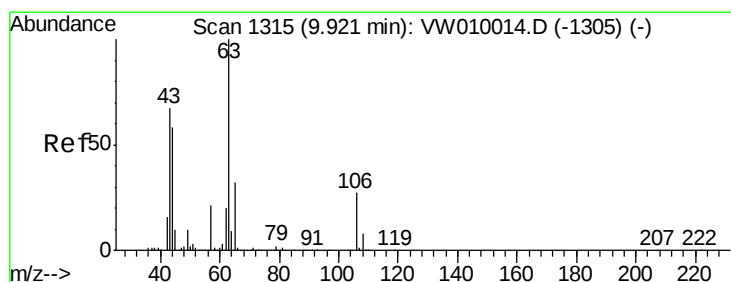
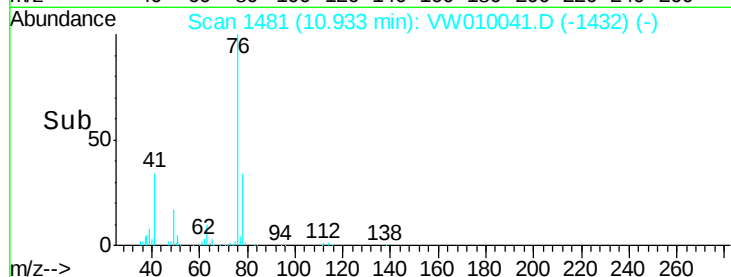
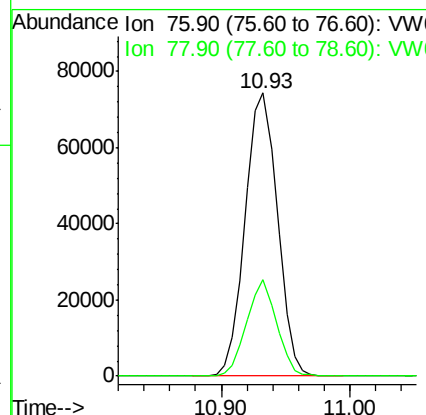
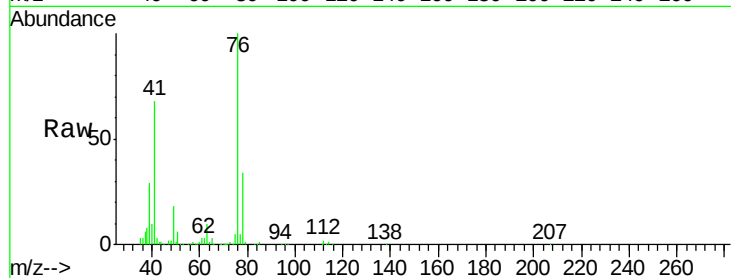
#57
 1,3-Dichloropropane
 Concen: 19.892 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010041.D
 Acq: 18 Apr 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

Tot Ion: 76 Resp: 129215
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8

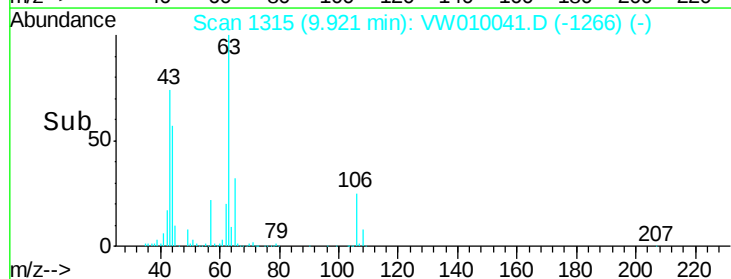
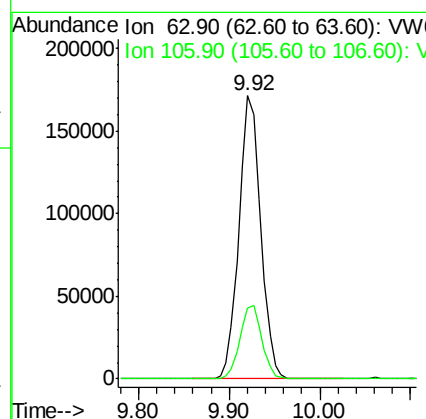
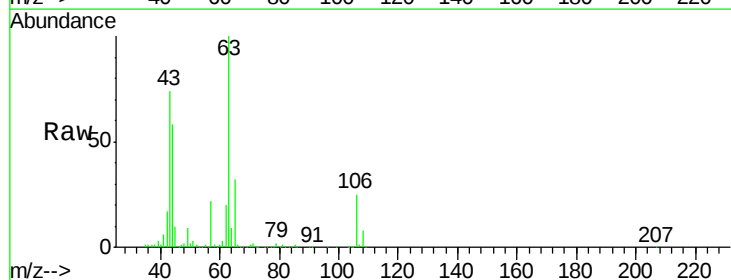
Manual Integrations
 APPROVED

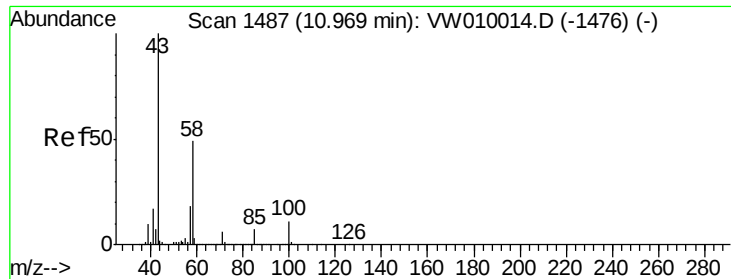
MMDadoda
 4/19/2019 12:52:54 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 132.011 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW010041.D
 Acq: 18 Apr 2019 13:22

Tgt Ion: 63 Resp: 285876
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.4 32.0





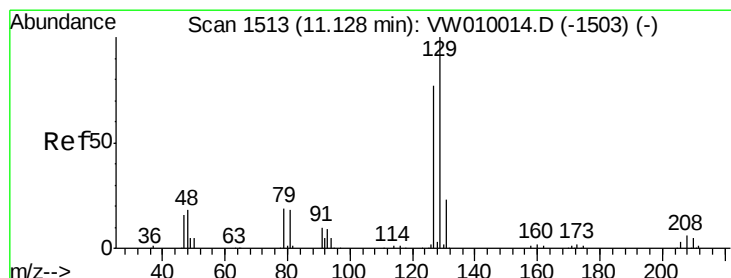
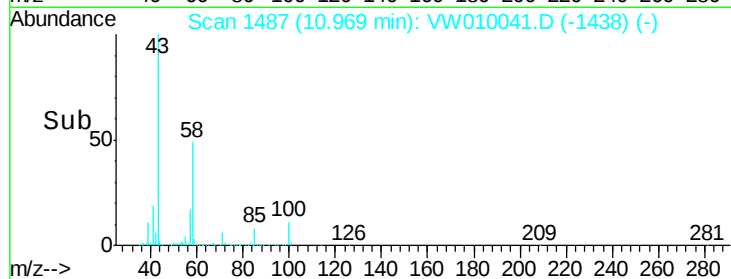
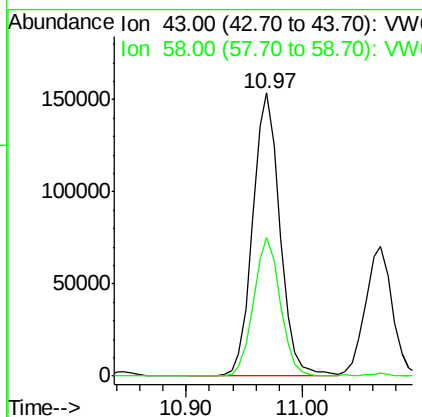
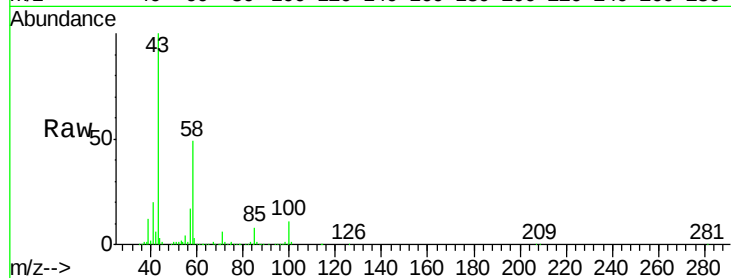
#59
2-Hexanone
Concen: 103.744 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion: 43 Resp: 251056
Ion Ratio Lower Upper
43 100
58 48.3 24.9 74.7

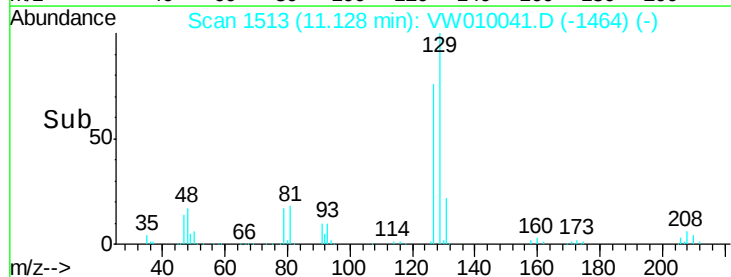
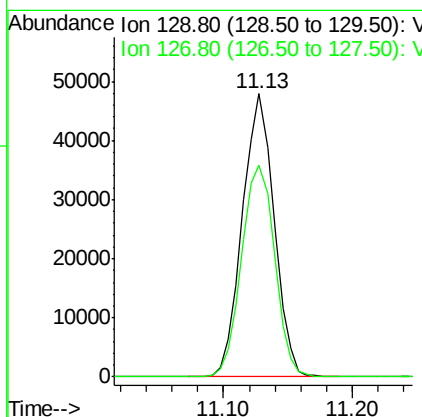
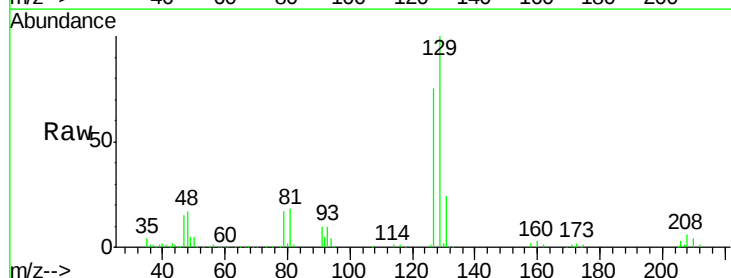
Manual Integrations
APPROVED

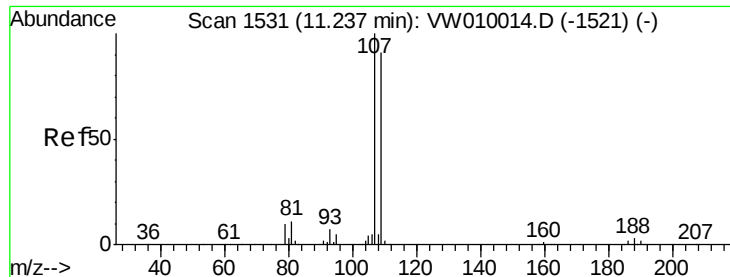
MMDadoda
4/19/2019 12:52:54 PM



#60
Dibromochloromethane
Concen: 19.505 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion: 129 Resp: 81701
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.627 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

Tot Ion: 107 Resp: 67665

Ion Ratio Lower Upper

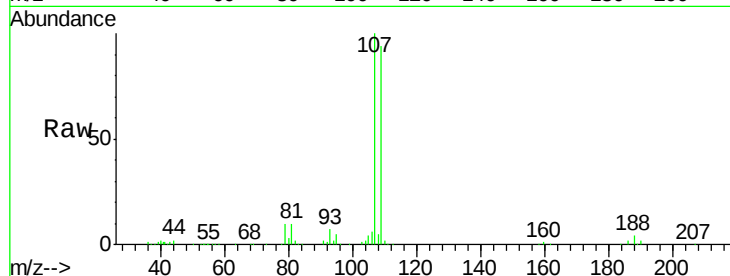
107 100

109 91.0 73.6 110.4

Manual Integrations
APPROVED

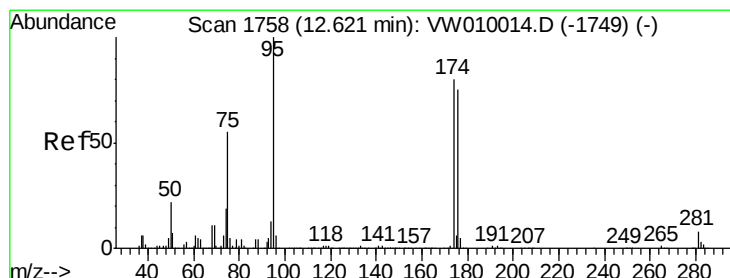
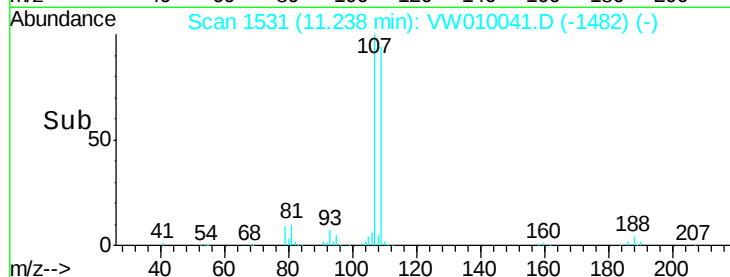
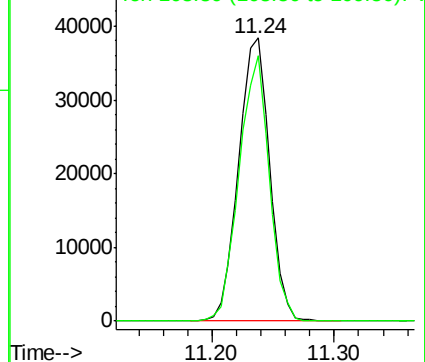
MMDadoda

4/19/2019 12:52:54 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 60.660 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

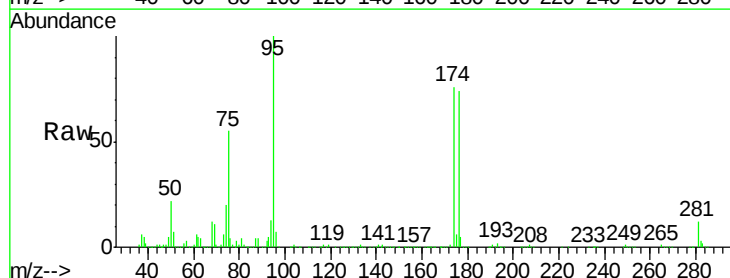
Tgt Ion: 95 Resp: 358463

Ion Ratio Lower Upper

95 100

174 75.6 0.0 151.4

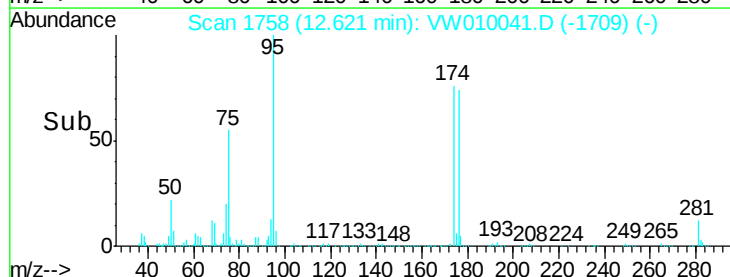
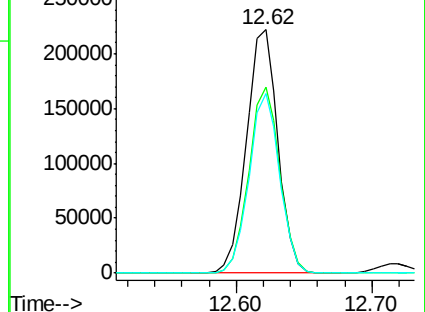
176 72.3 0.0 146.2

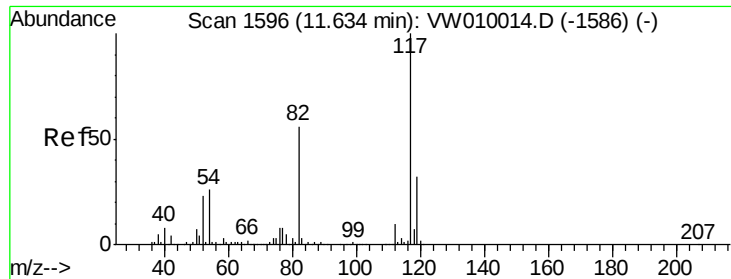


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





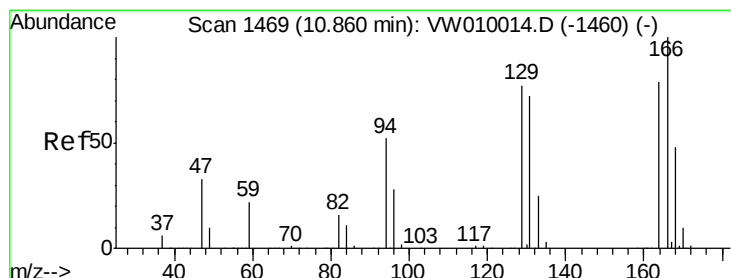
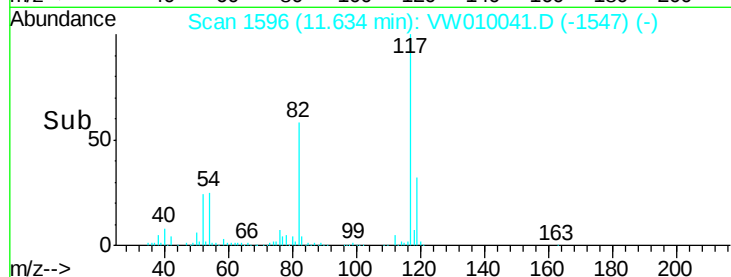
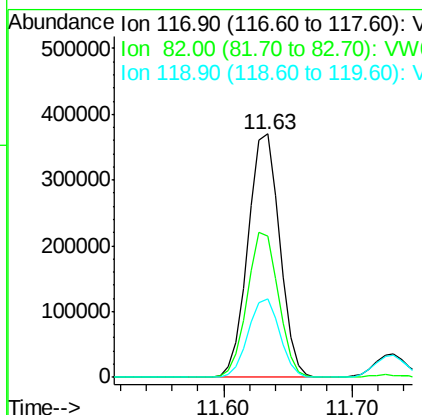
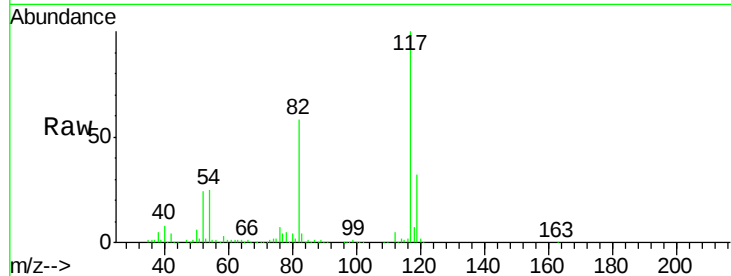
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	628441		
82	58.2		45.2	67.8
119	32.2		25.4	38.2

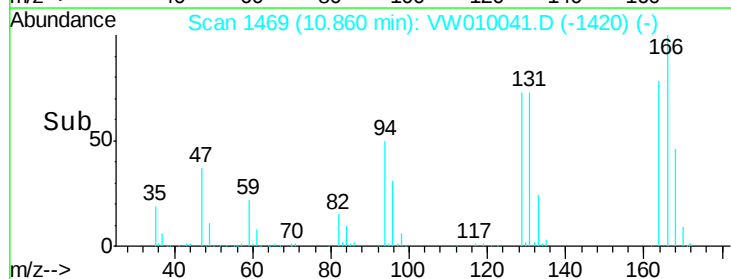
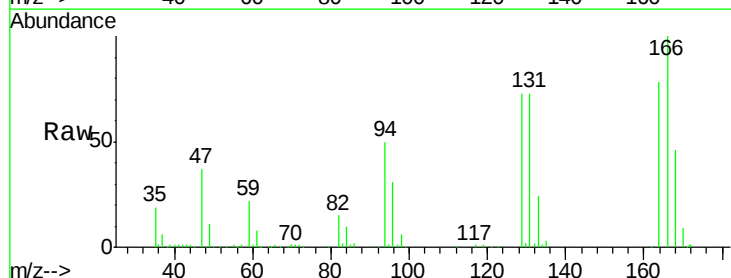
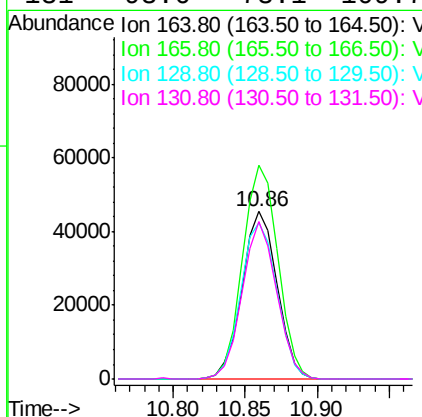
Manual Integrations
APPROVED

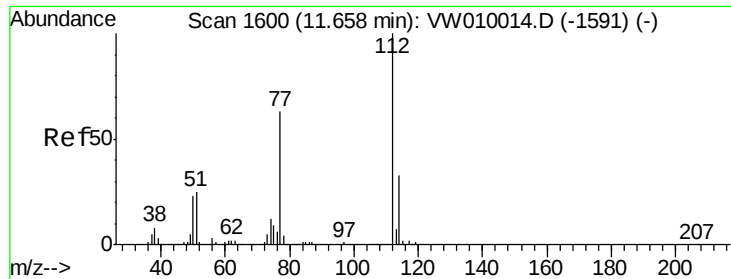
MMDadoda
4/19/2019 12:52:54 PM



#64
Tetrachloroethene
Concen: 18.747 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	76481		
166	127.4		101.2	151.8
129	92.9		77.8	116.6
131	93.6		73.1	109.7





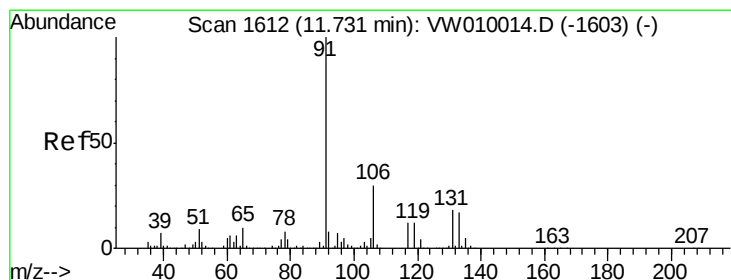
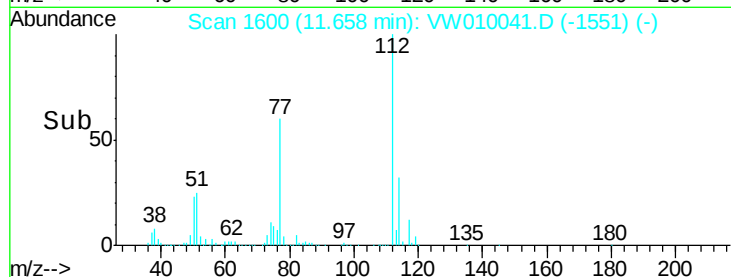
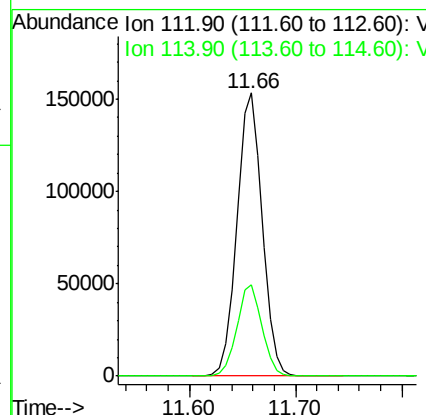
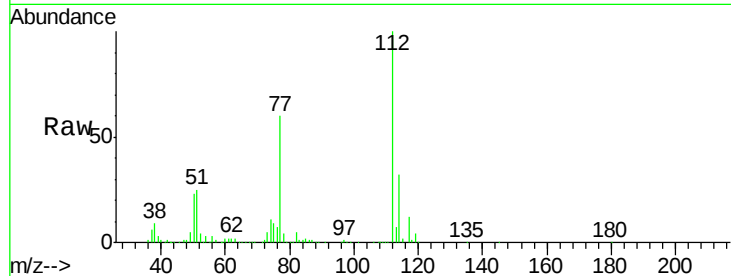
#65
Chlorobenzene
Concen: 19.818 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.5	39.7

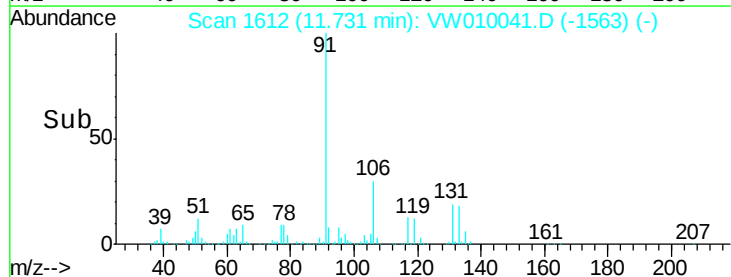
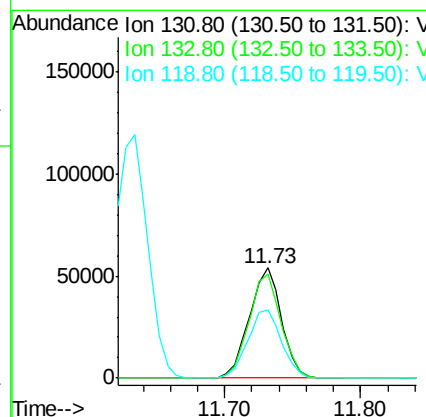
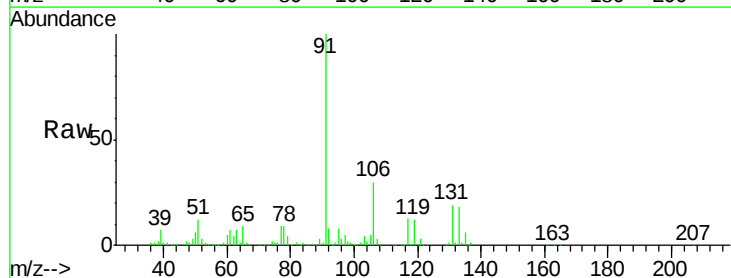
Manual Integrations
APPROVED

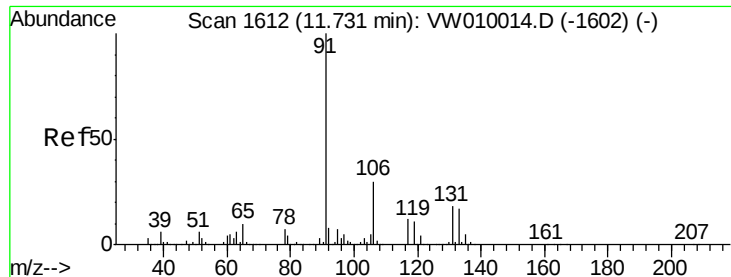
MMDadoda
4/19/2019 12:52:54 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.428 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	46.5	139.5
119	64.8	31.9	95.5





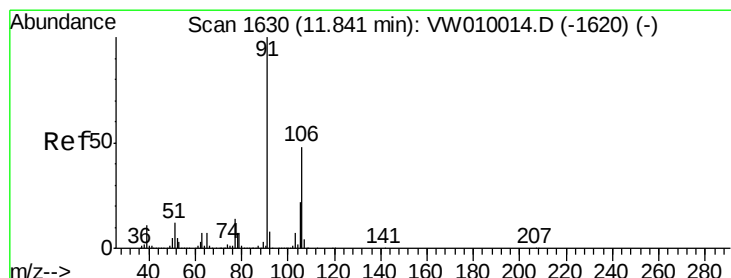
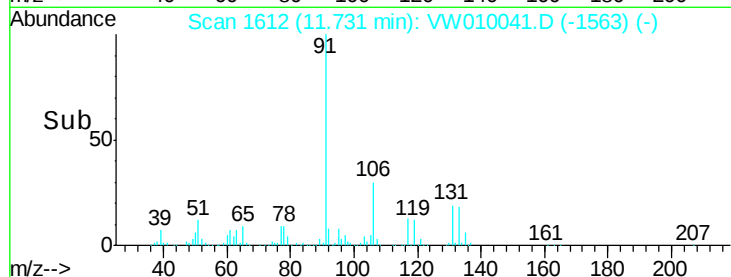
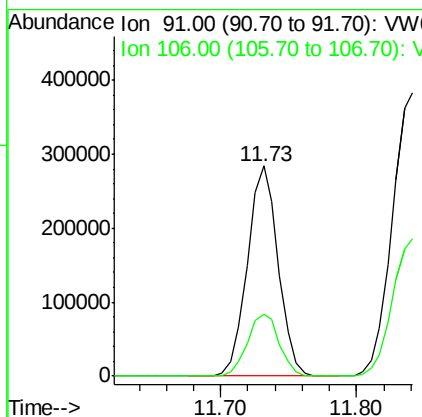
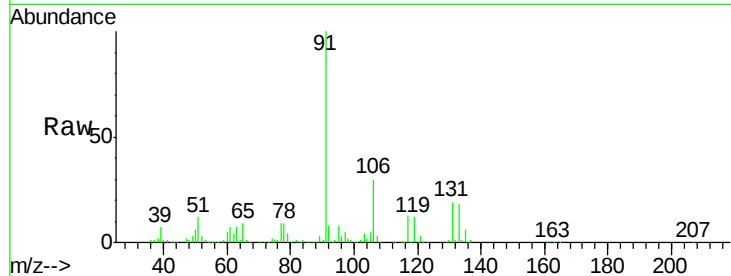
#67
Ethyl Benzene
Concen: 19.590 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion: 91 Resp: 449563
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8

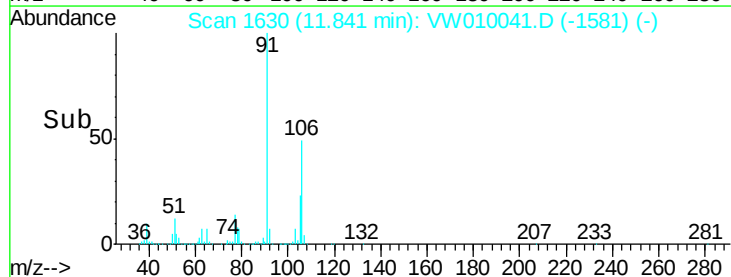
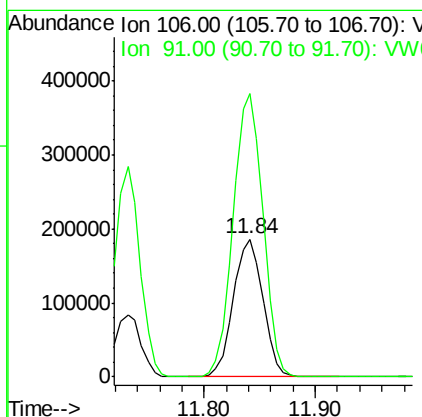
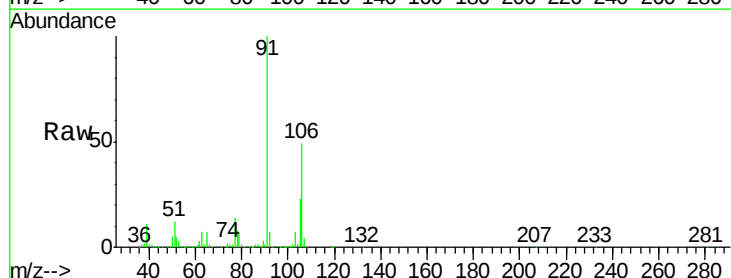
Manual Integrations
APPROVED

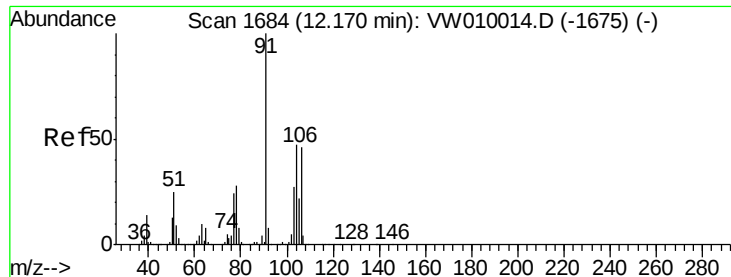
MMDadoda
4/19/2019 12:52:54 PM



#68
m/p-Xylenes
Concen: 39.890 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion: 106 Resp: 342192
Ion Ratio Lower Upper
106 100
91 207.1 165.0 247.6





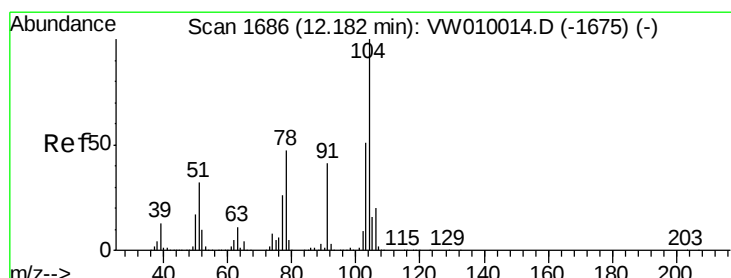
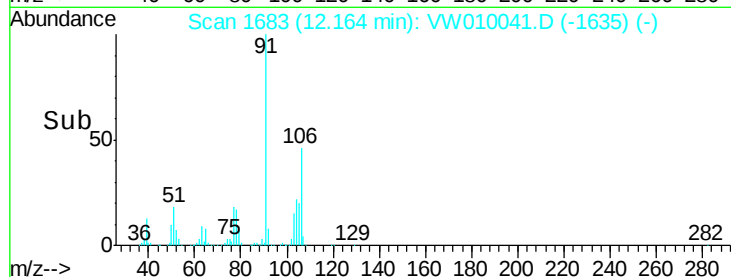
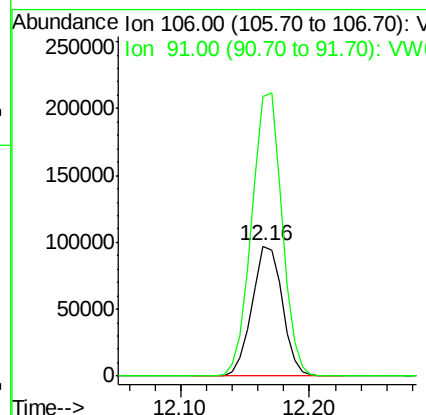
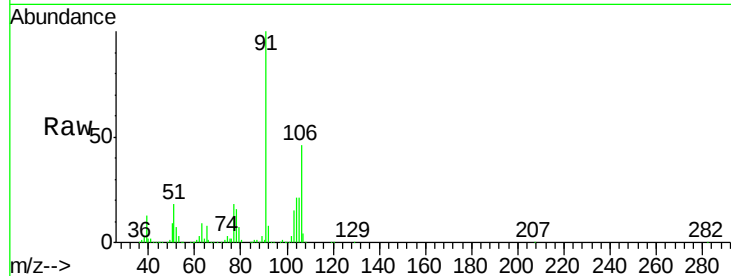
#69
o-Xylene
Concen: 20.140 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion:106 Resp: 157309
Ion Ratio Lower Upper
106 100
91 218.0 110.5 331.4

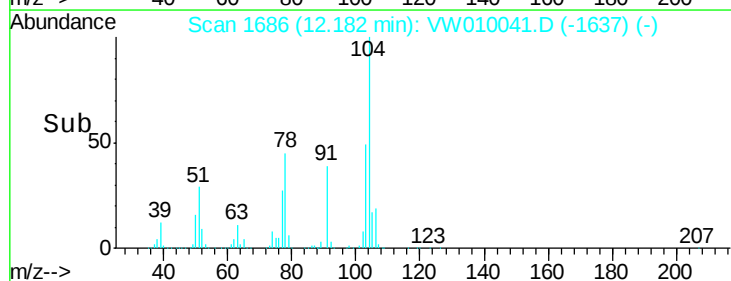
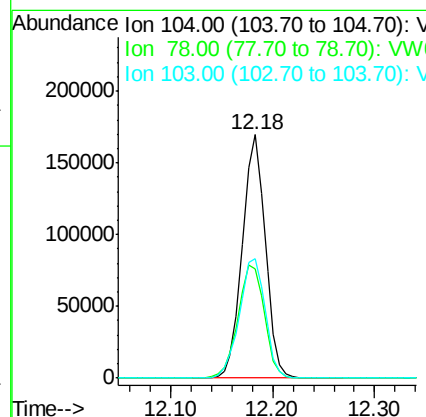
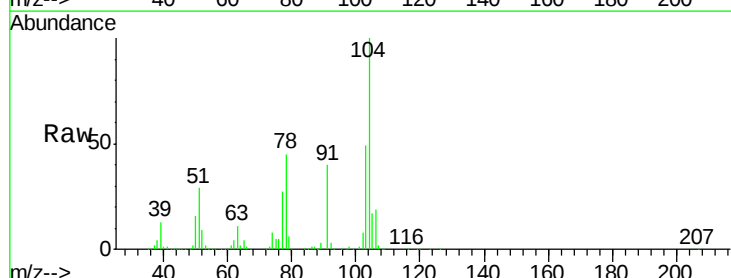
Manual Integrations
APPROVED

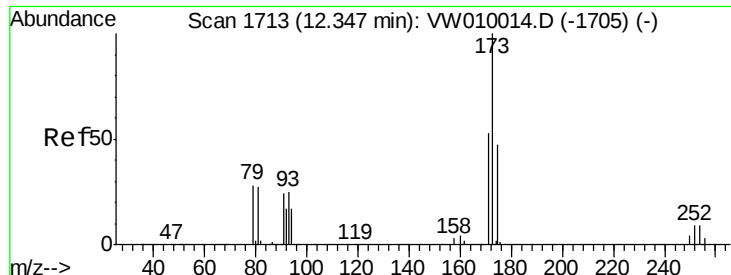
MMDadoda
4/19/2019 12:52:54 PM



#70
Styrene
Concen: 19.651 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion:104 Resp: 264653
Ion Ratio Lower Upper
104 100
78 53.2 42.5 63.7
103 55.0 43.6 65.4





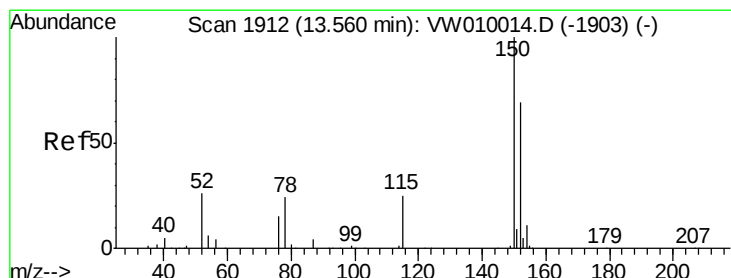
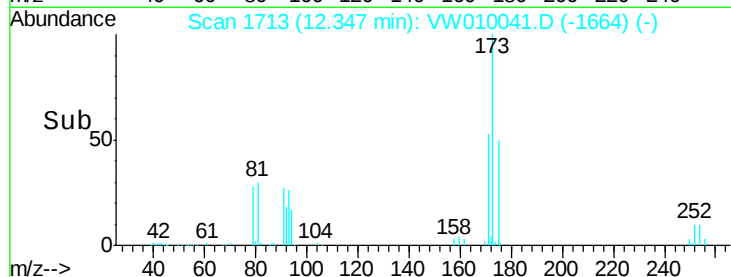
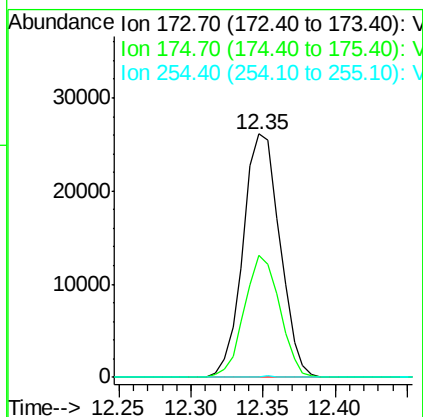
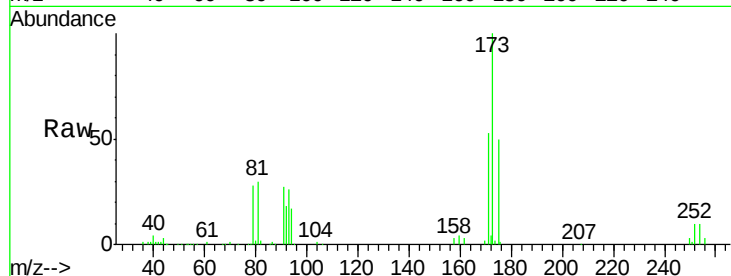
#71
Bromoform
Concen: 19.039 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.8	71.4
254	0.2	0.1	0.1#

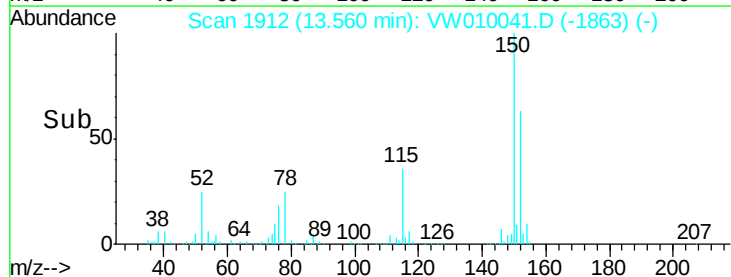
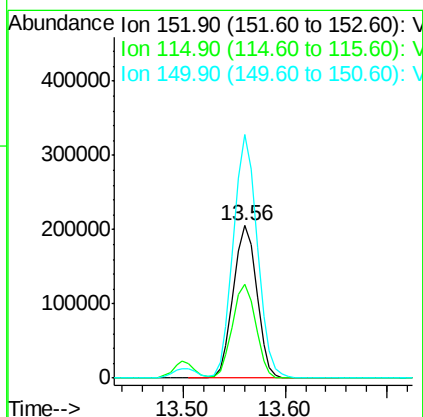
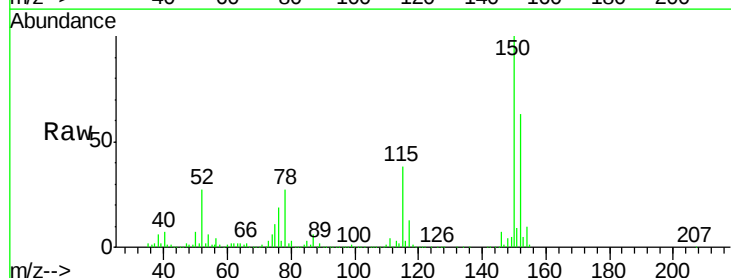
Manual Integrations
APPROVED

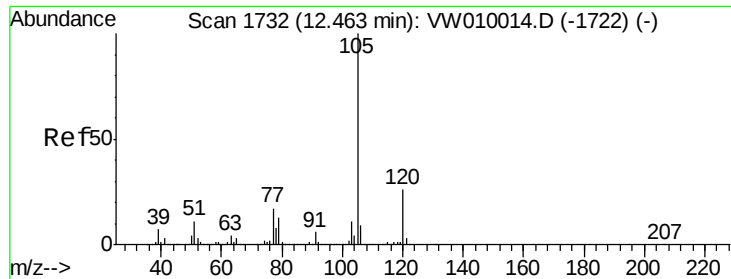
MMDadoda
4/19/2019 12:52:54 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.4	91.2
150	162.9	0.0	347.0





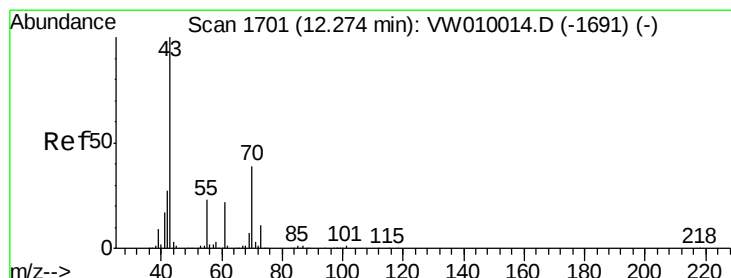
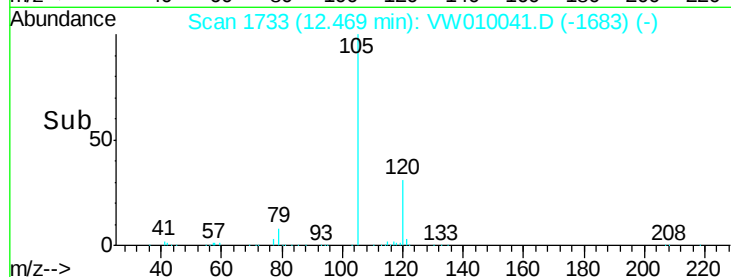
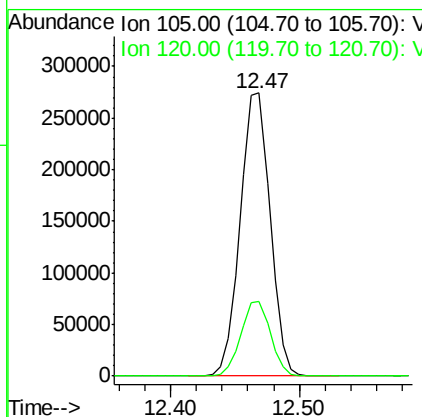
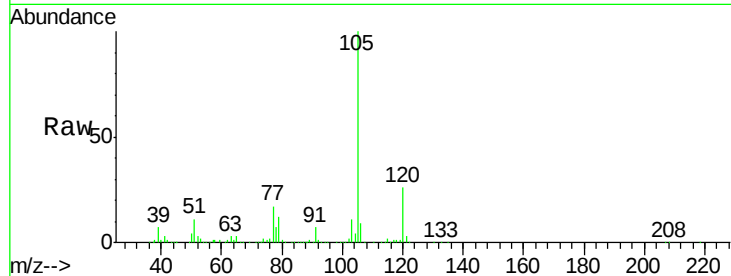
#73
Isopropylbenzene
Concen: 19.371 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion: 105 Resp: 440527
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

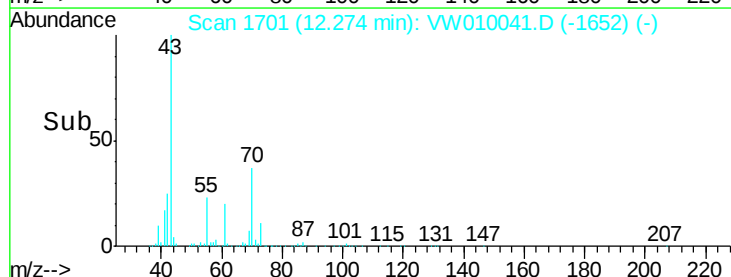
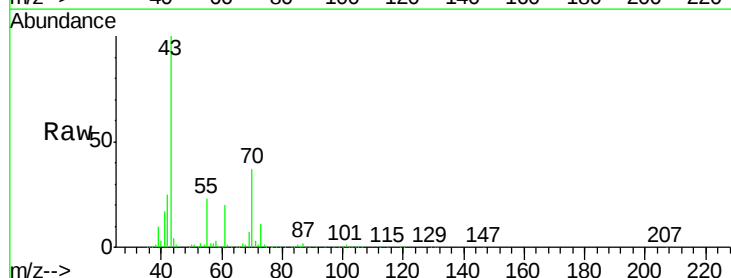
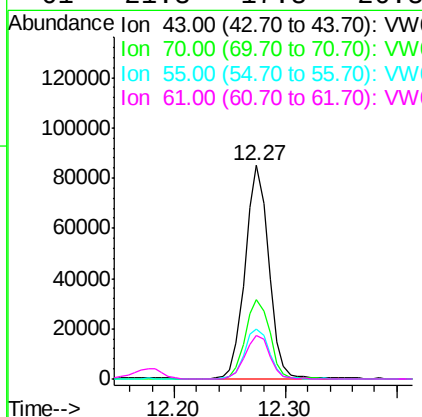
Manual Integrations
APPROVED

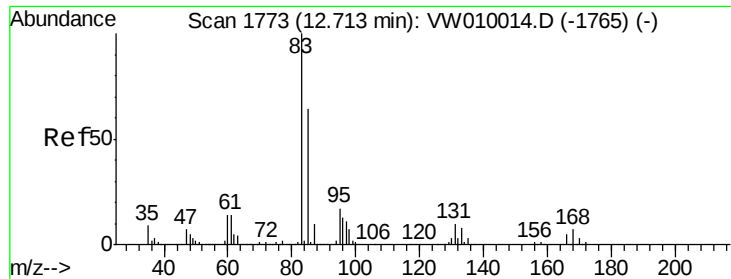
MMDadoda
4/19/2019 12:52:54 PM



#74
N-ethyl acetate
Concen: 19.900 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion: 43 Resp: 125330
Ion Ratio Lower Upper
43 100
70 39.1 31.3 46.9
55 24.6 20.0 30.0
61 21.3 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.619 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

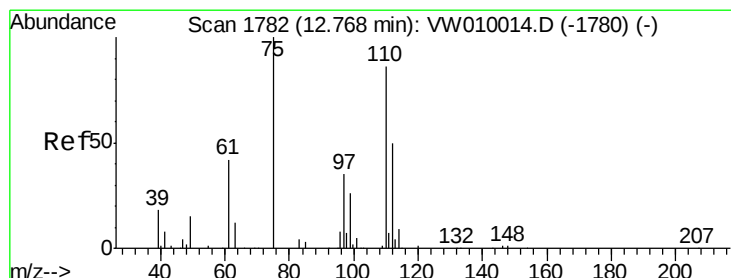
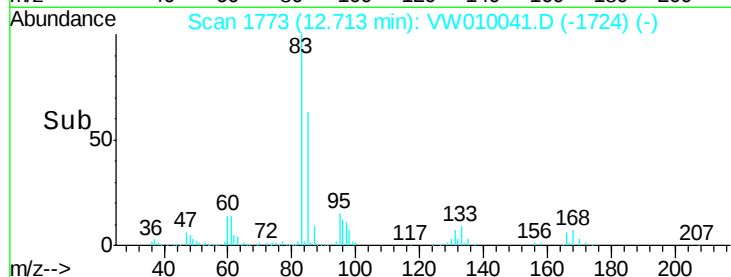
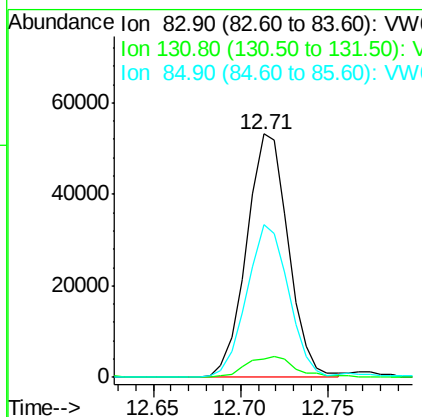
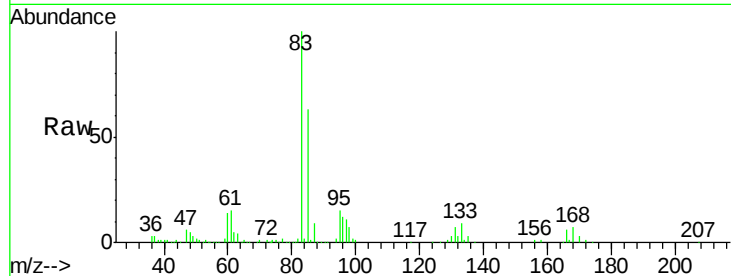
ClientSampleId :

VW0418SBS01

Tot Ion:	83	Resp:	88148
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.3	15.8
85	63.2	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.543 ug/l m

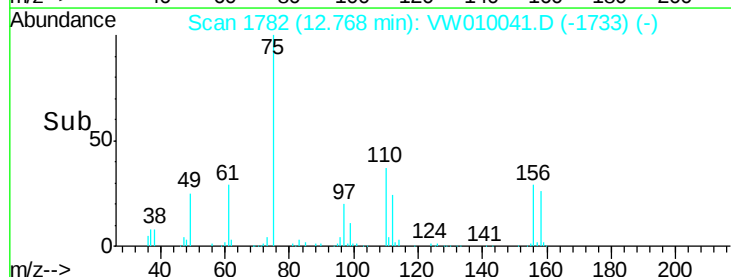
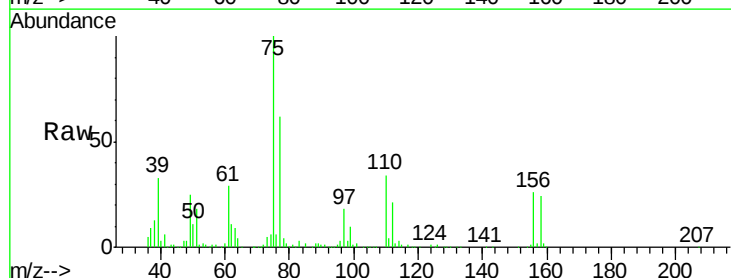
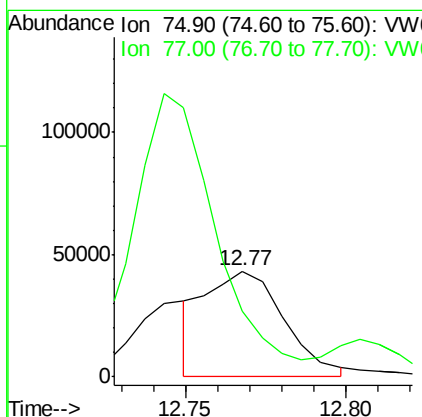
RT: 12.77 min Scan# 1782

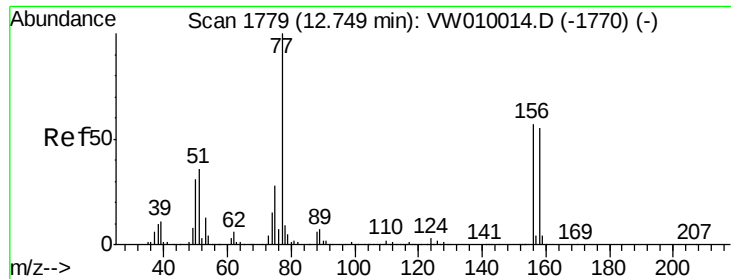
Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Tgt Ion:	75	Resp:	73723
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





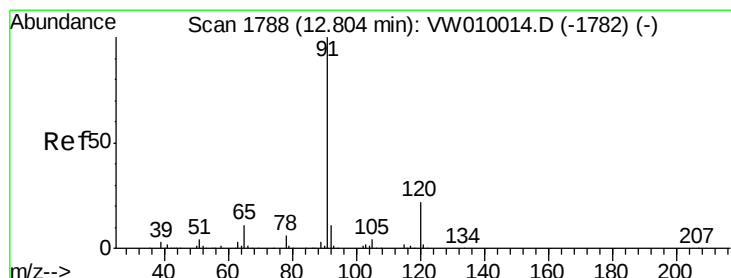
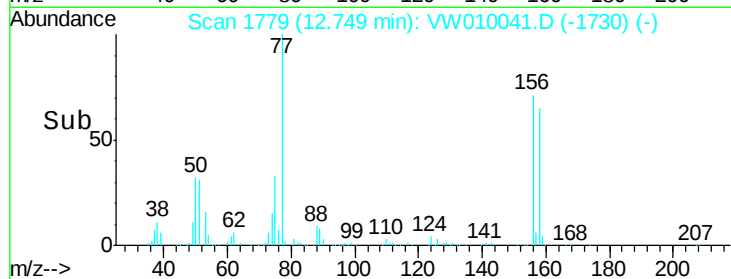
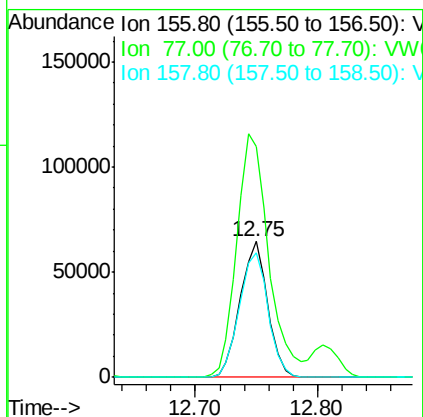
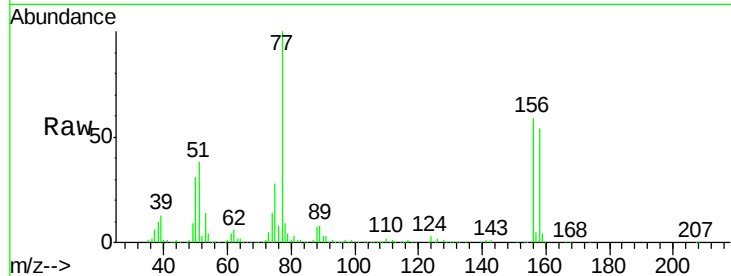
#77
Bromobenzene
Concen: 19.324 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	206.5	102.5	307.4
158	95.9	48.8	146.4

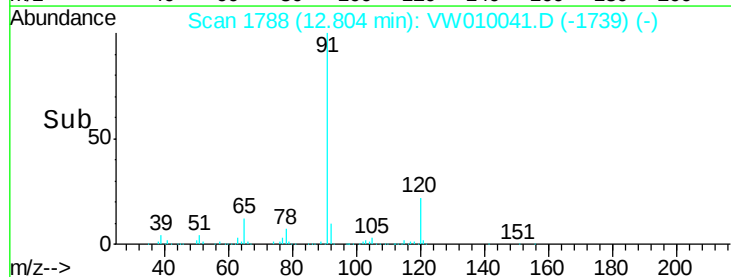
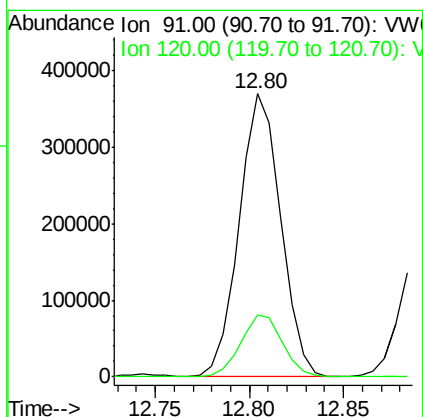
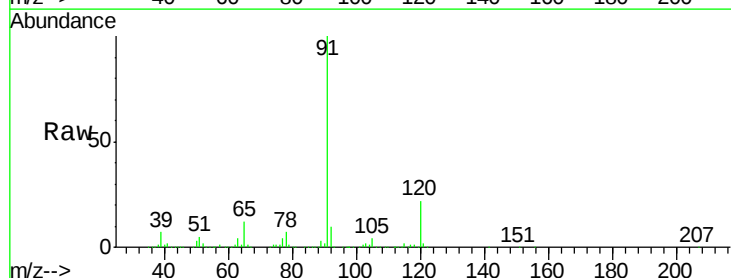
Manual Integrations
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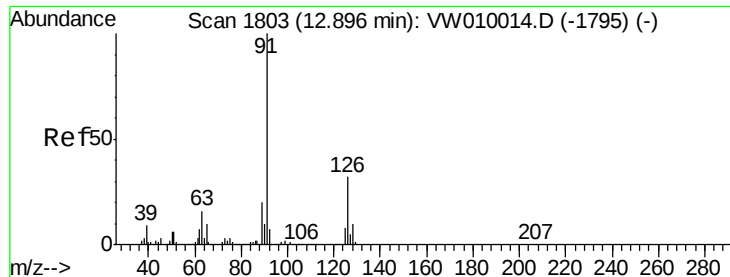
MMDadoda
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#78
n-propylbenzene
Concen: 19.986 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1





#79

2-Chlorotoluene

Concen: 19.606 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

Tot Ion: 91 Resp: 317819

Ion Ratio Lower Upper

91 100

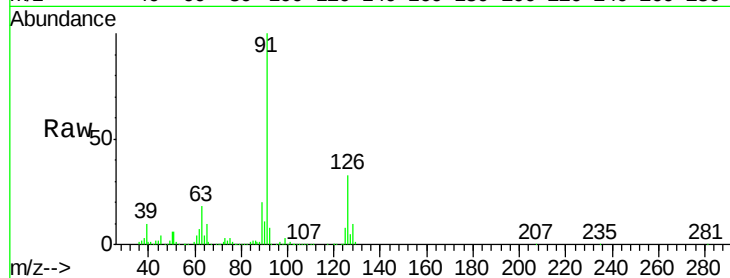
126 32.3 16.3 48.8

Manual Integrations

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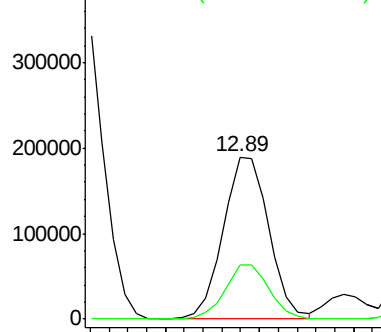
MMDadoda

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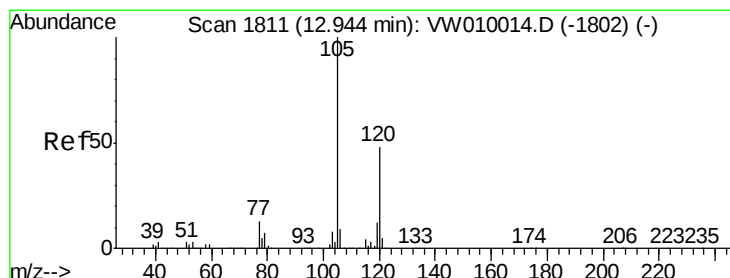
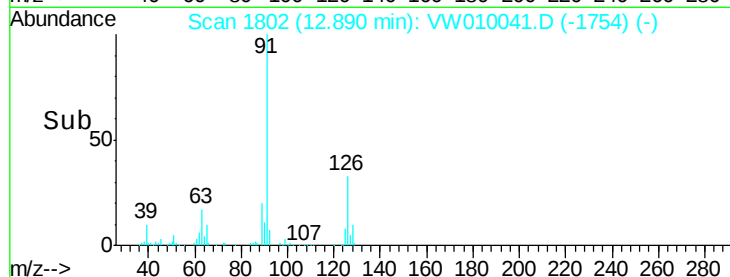


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.754 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010041.D

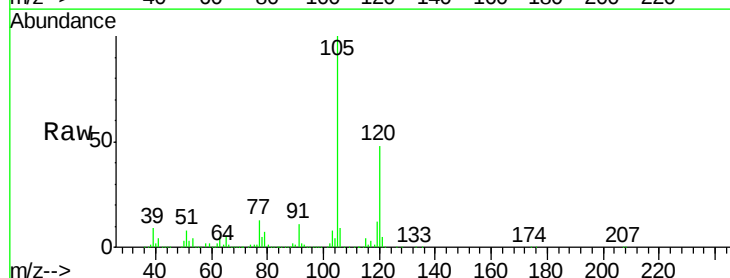
Acq: 18 Apr 2019 13:22

Tgt Ion:105 Resp: 380906

Ion Ratio Lower Upper

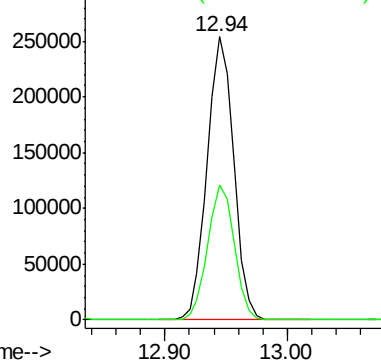
105 100

120 47.7 24.3 72.8

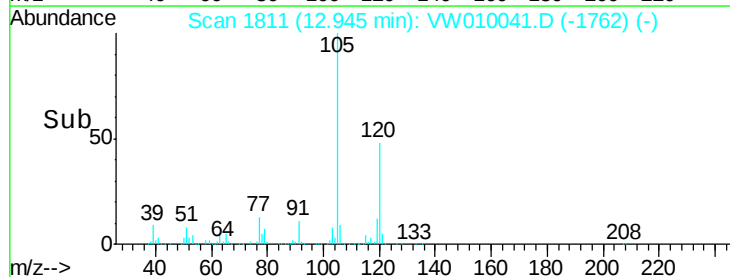


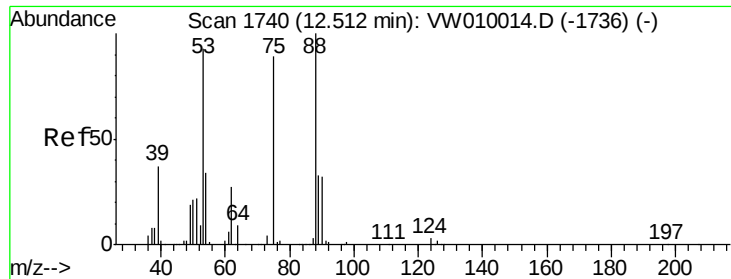
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





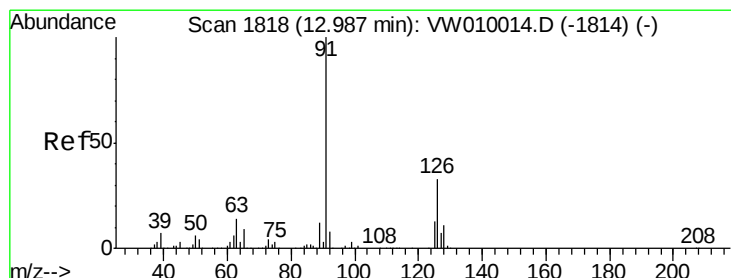
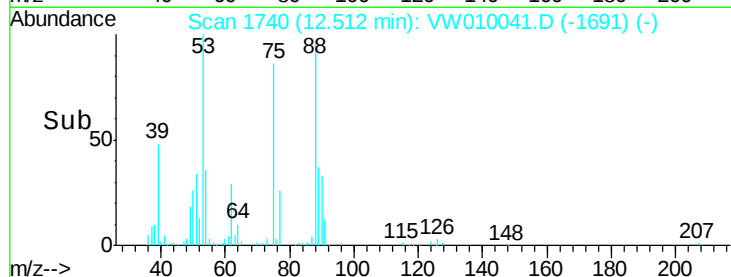
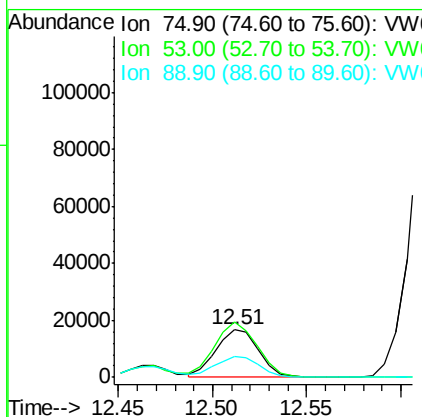
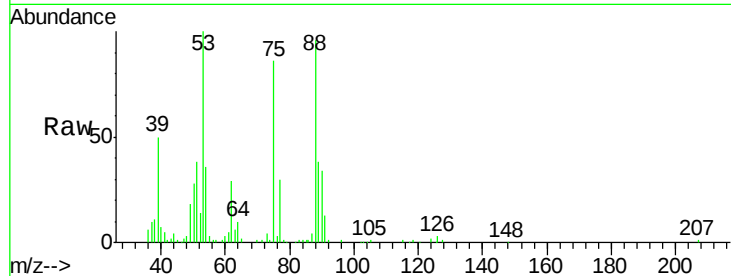
#81
trans-1,4-Dichloro-2-butene
Concen: 18.711 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.1	89.8	134.8
89	45.5	36.6	54.8

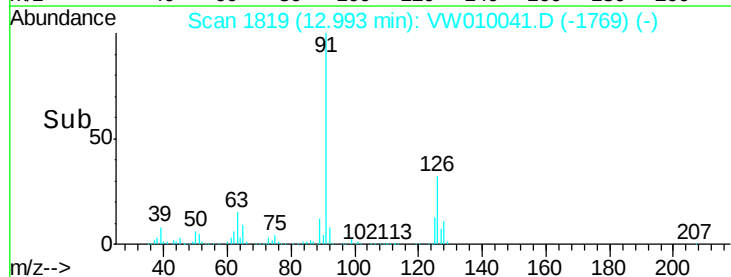
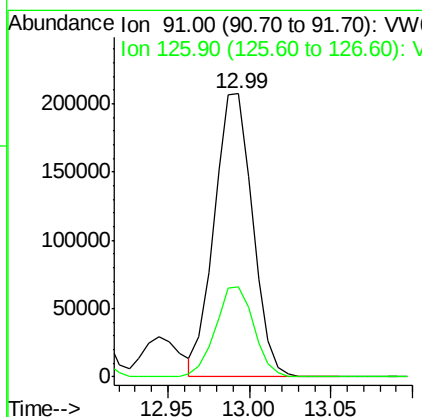
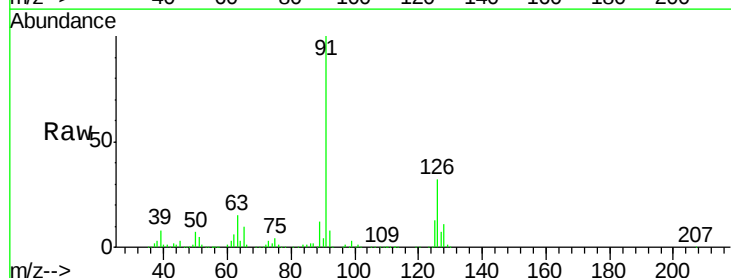
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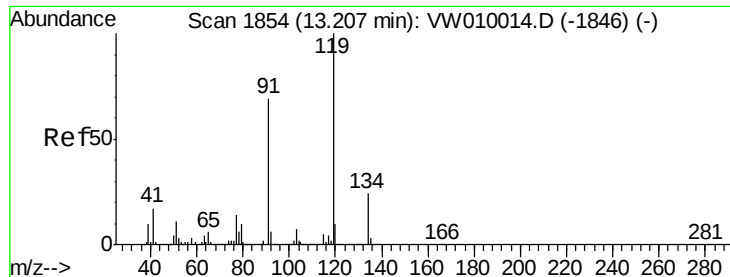
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.813 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.4	49.1





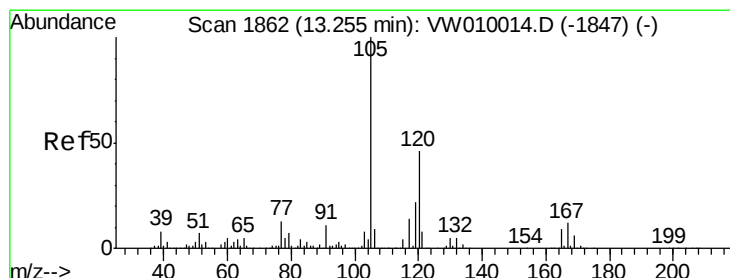
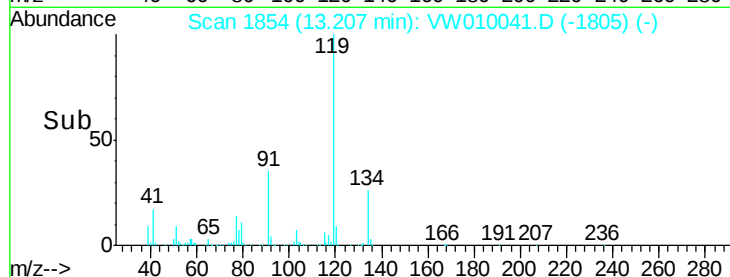
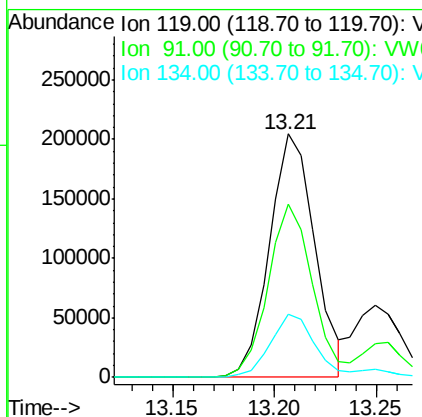
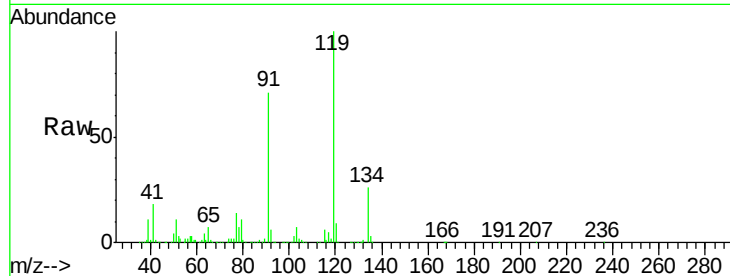
#83
tert-Butylbenzene
Concen: 19.841 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.3	34.8	104.4
134	25.5	13.7	41.1

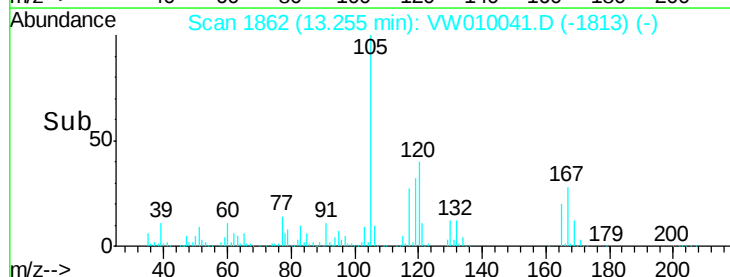
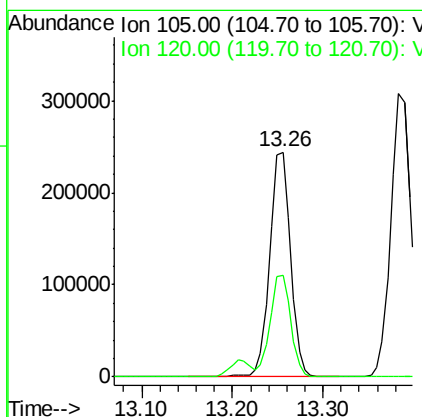
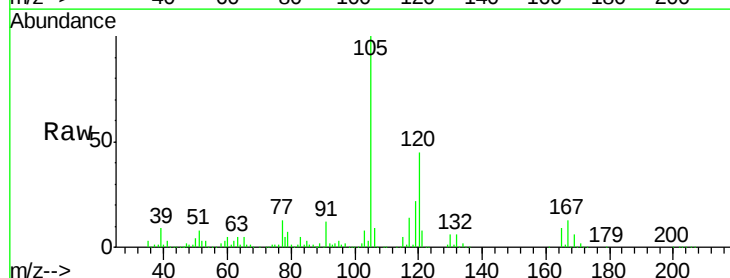
Manual Integrations
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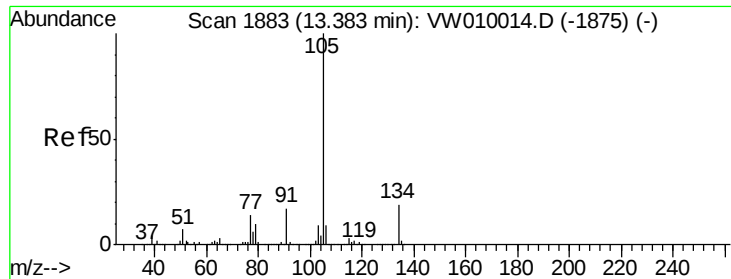
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#84
1,2,4-Trimethylbenzene
Concen: 19.892 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.6	67.7





#85

sec-Butylbenzene

Concen: 19.986 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBS01

Tot Ion:105 Resp: 476917

Ion Ratio Lower Upper

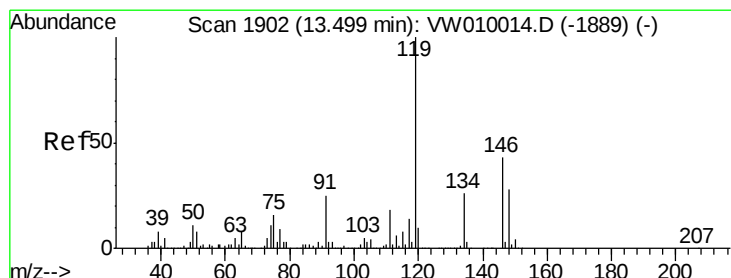
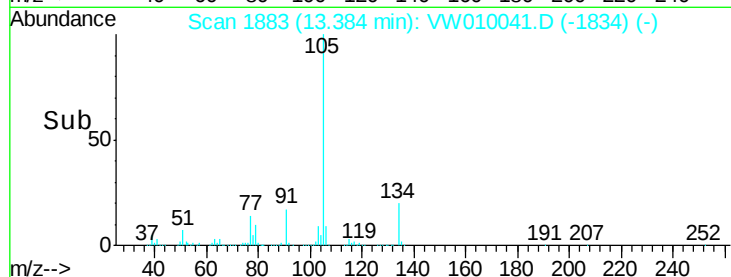
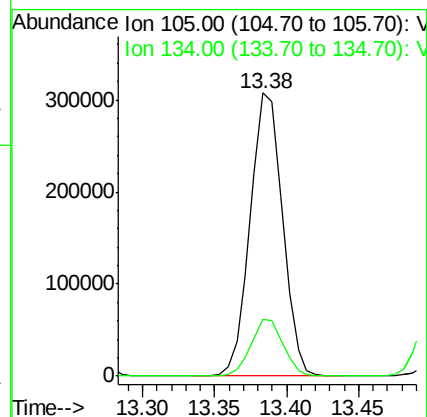
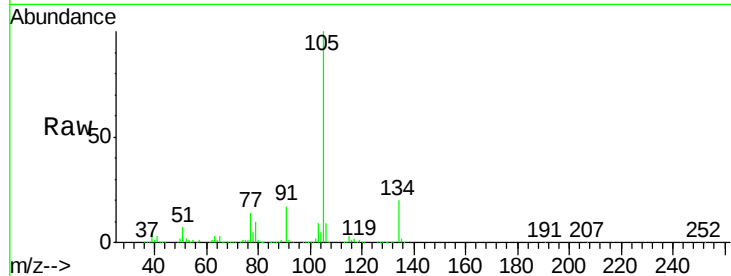
105 100

134 19.8 9.8 29.5

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.572 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

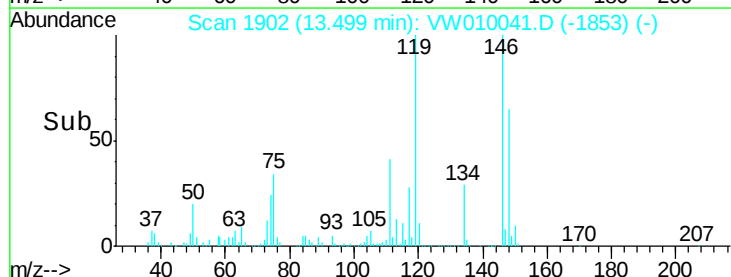
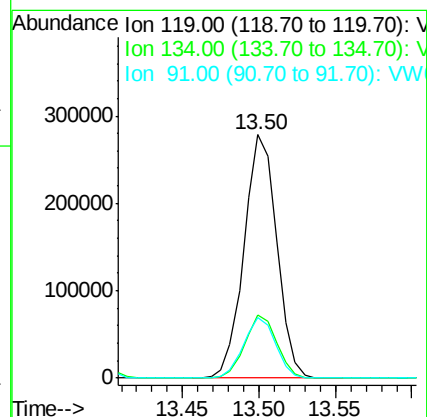
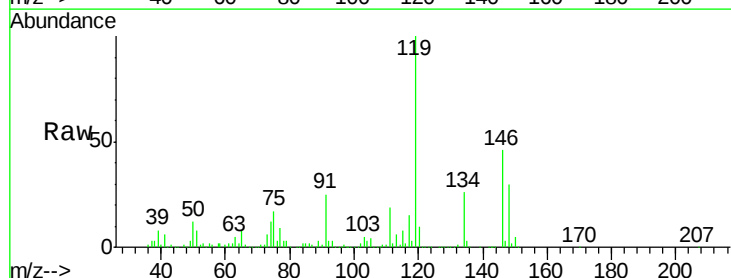
Tgt Ion:119 Resp: 411636

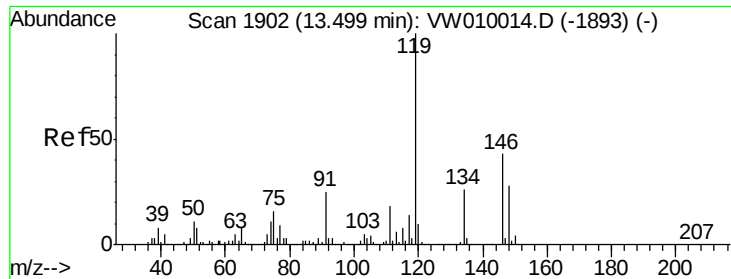
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 24.6 12.3 36.9





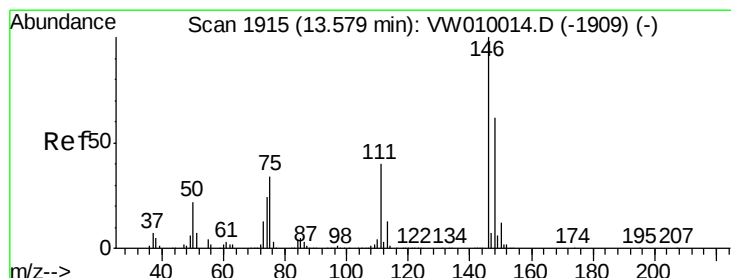
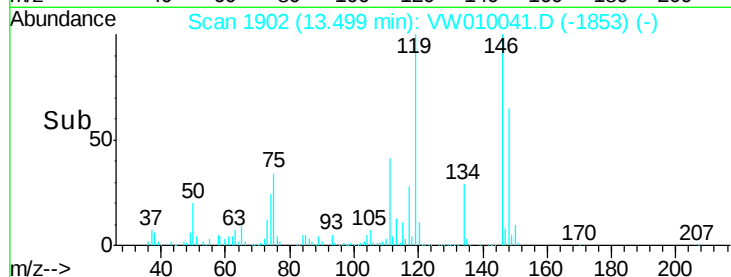
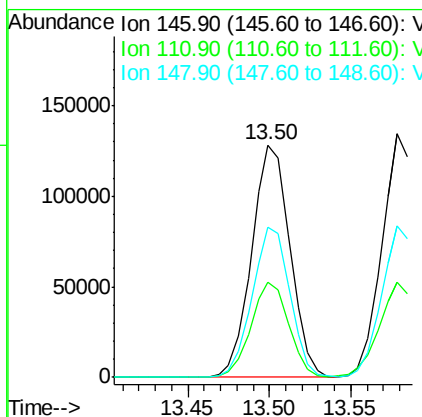
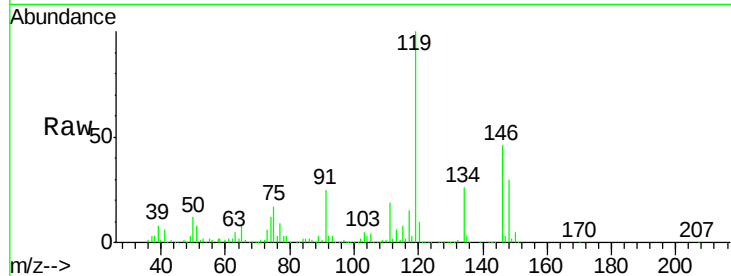
#87
 1,3-Dichlorobenzene
 Concen: 19.798 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010041.D
 Acq: 18 Apr 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	209323		
111	40.4	20.3	61.0	
148	63.8	32.0	96.2	

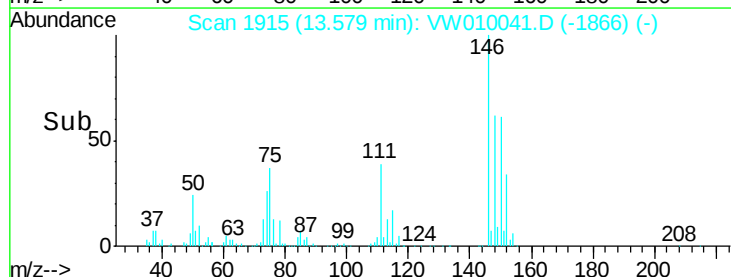
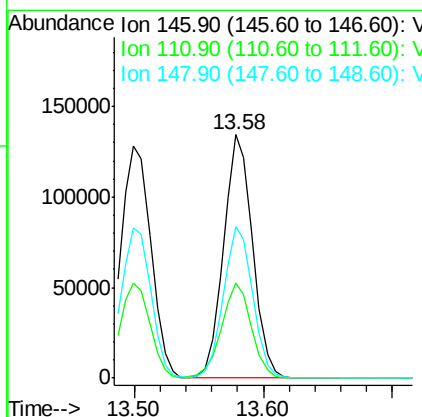
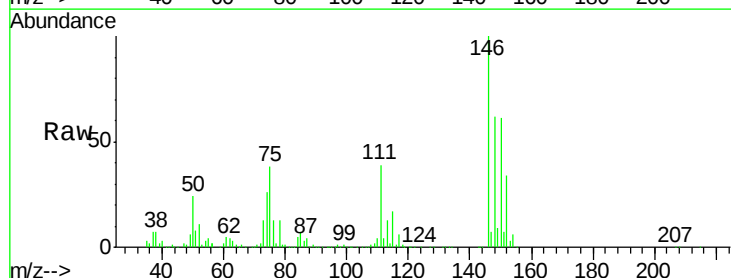
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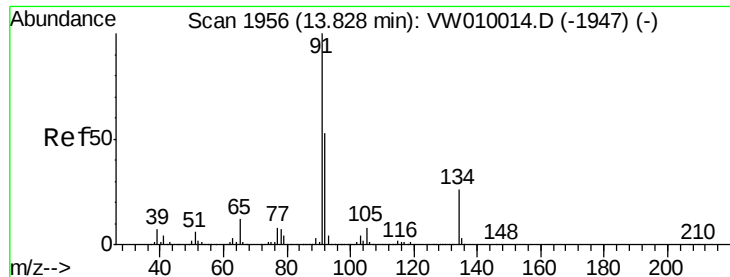
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#88
 1,4-Dichlorobenzene
 Concen: 20.084 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010041.D
 Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	211948		
111	40.4	20.1	60.3	
148	62.9	31.8	95.3	





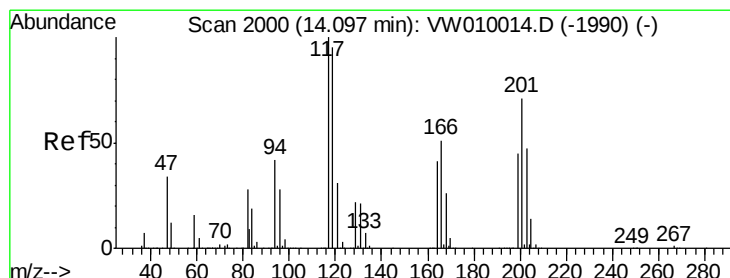
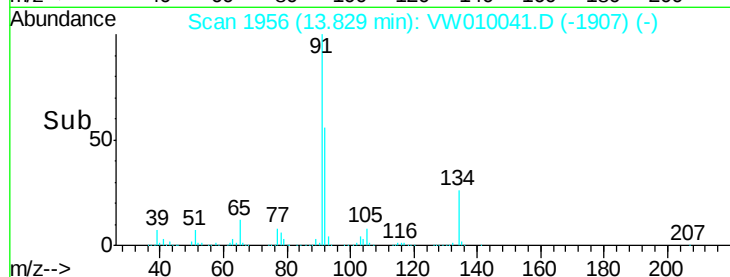
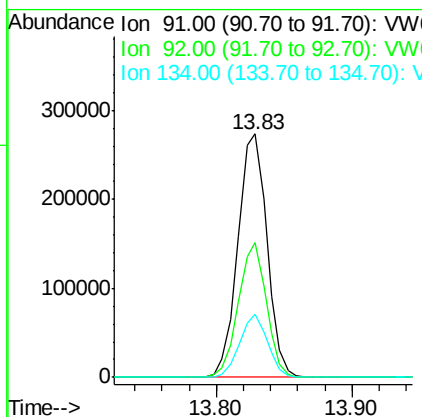
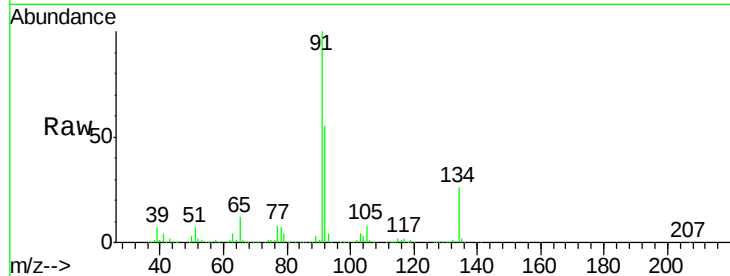
#89
n-Butylbenzene
Concen: 19.593 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.5	79.4
134	24.9	12.4	37.0

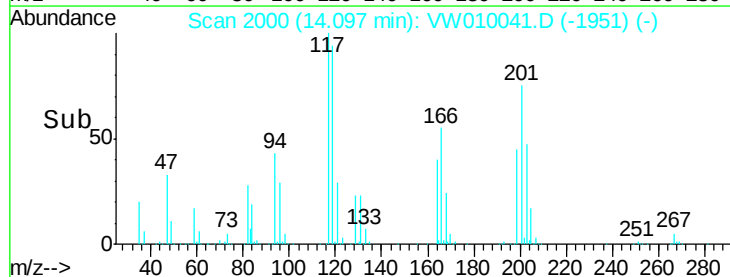
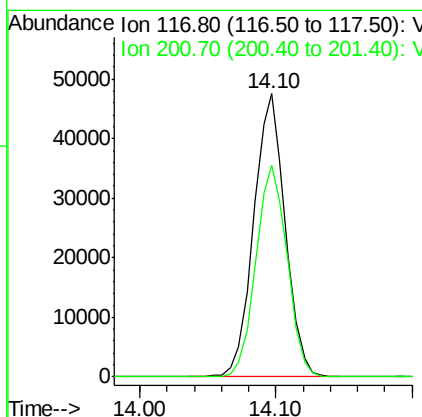
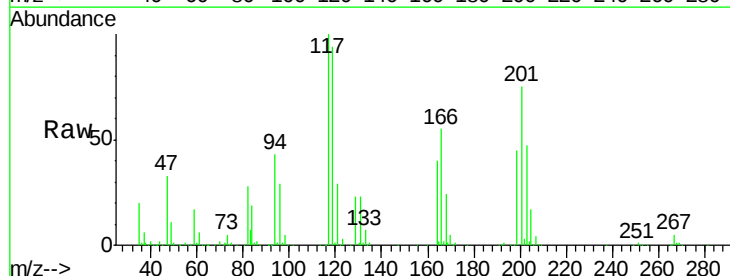
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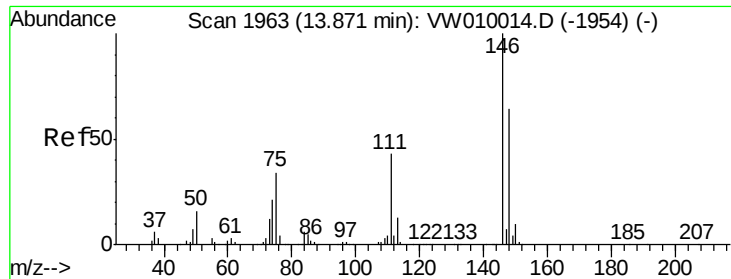
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#90
Hexachloroethane
Concen: 19.189 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW010041.D
Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.2	36.1	108.3





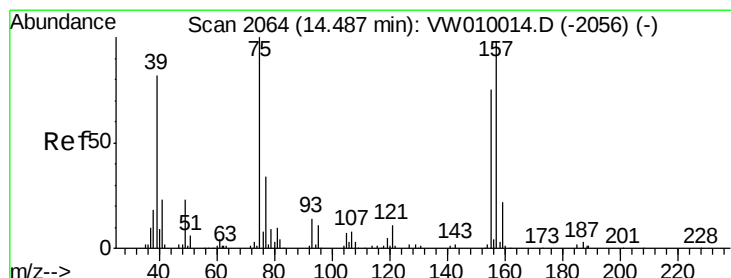
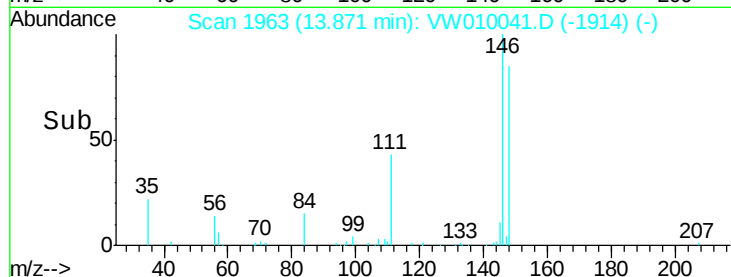
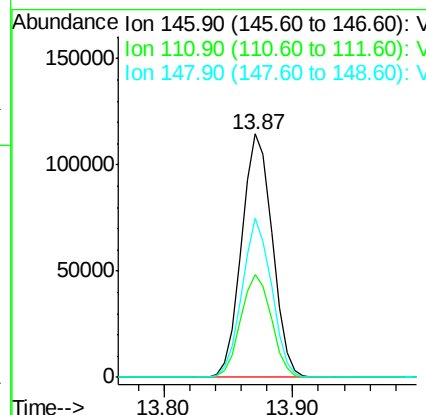
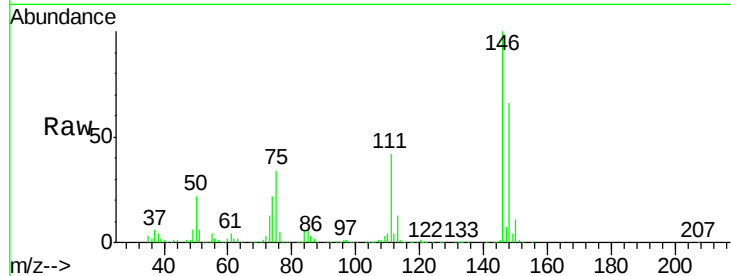
#91
 1,2-Dichlorobenzene
 Concen: 19.933 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010041.D
 Acq: 18 Apr 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.9	62.8
148	63.1	31.9	95.7

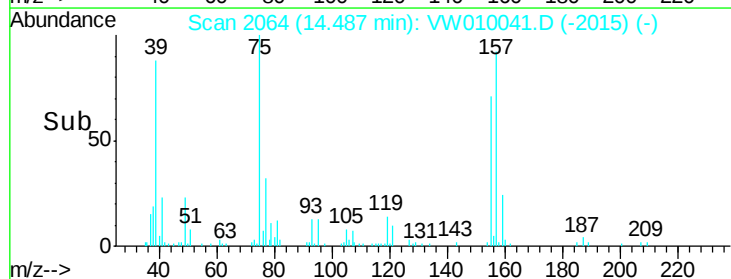
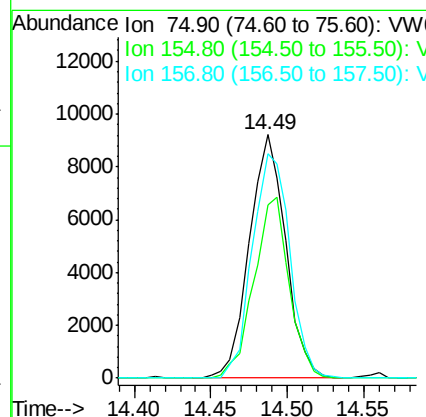
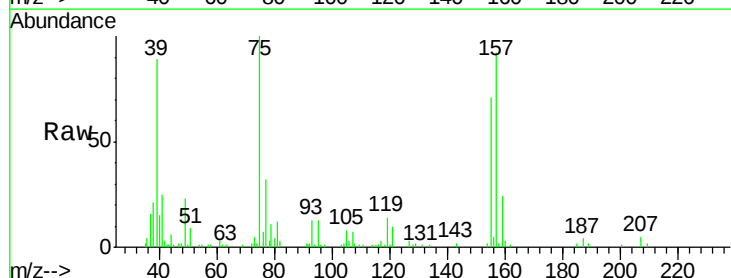
Manual Integrations
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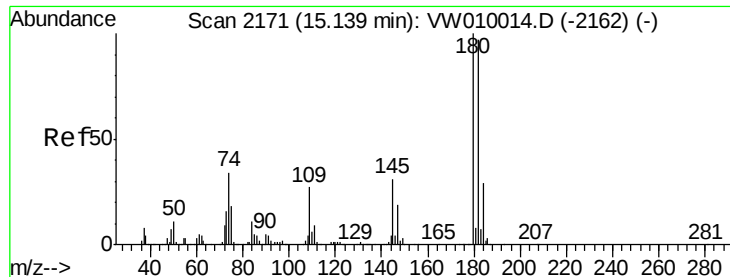
MMDadoda
 4/19/2019 12:52:54 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.849 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010041.D
 Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.7	37.1	111.5
157	95.6	47.3	141.9





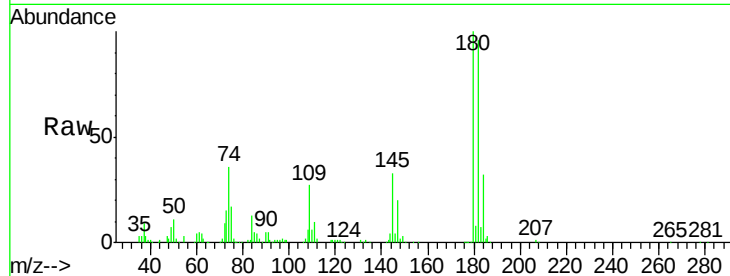
#93
 1,2,4-Trichlorobenzene
 Concen: 19.515 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010041.D
 Acq: 18 Apr 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBS01

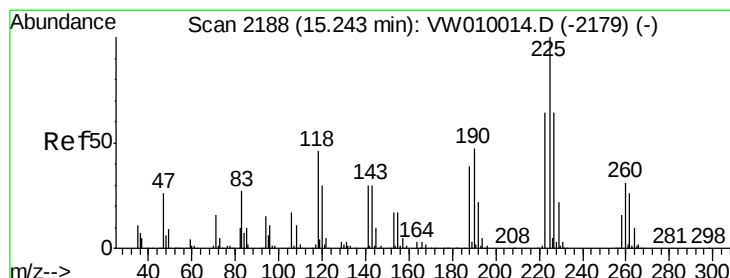
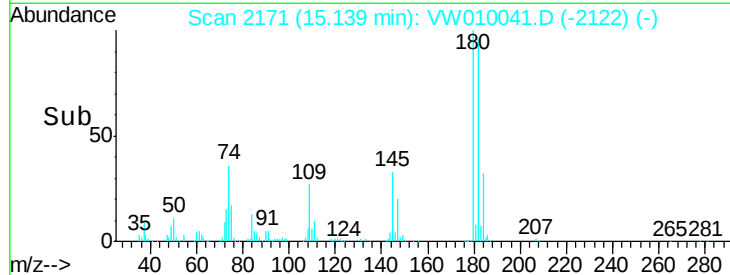
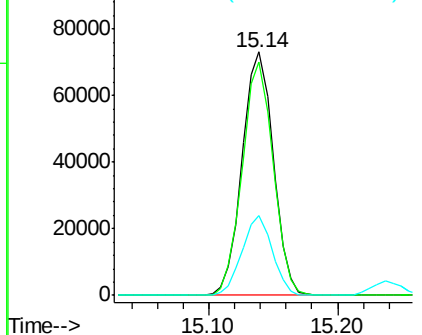
Tot Ion	Ratio	Resp	Lower	Upper
180	100	122050		
182	95.2	47.1	141.4	
145	31.6	15.2	45.6	

Manual Integrations
 APPROVED

MMDadoda
 4/19/2019 12:52:54 PM

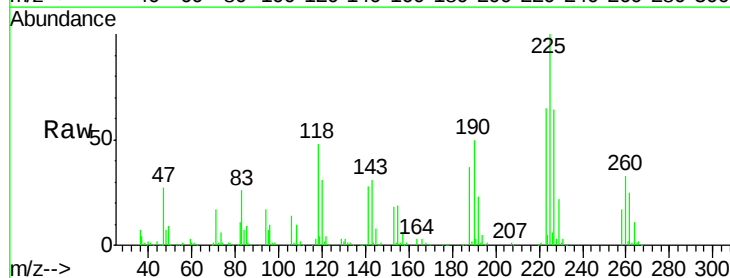


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

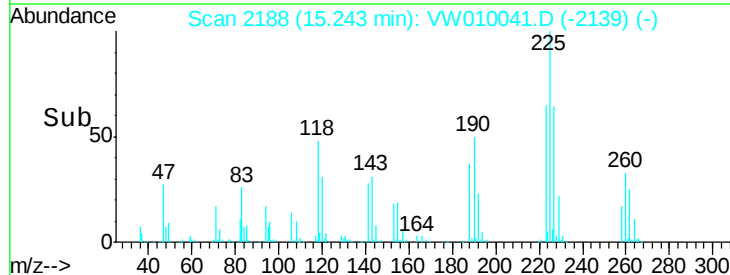
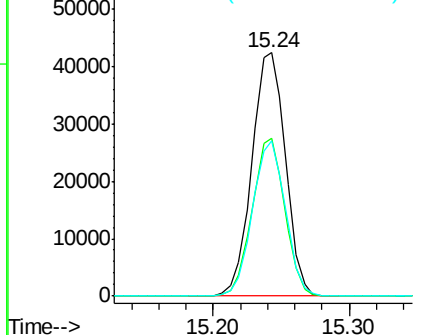


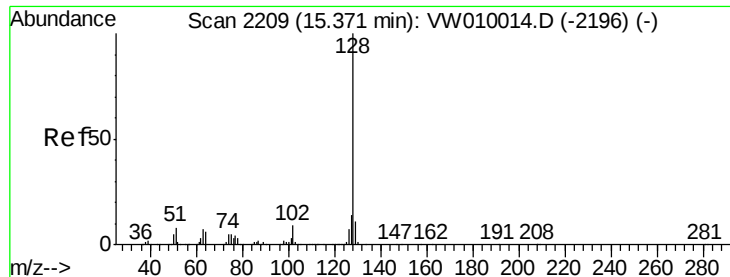
#94
 Hexachlorobutadiene
 Concen: 19.293 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010041.D
 Acq: 18 Apr 2019 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73273		
223	63.0	31.9	95.5	
227	62.5	31.8	95.3	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.236 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Instrument :

MSVOA_W

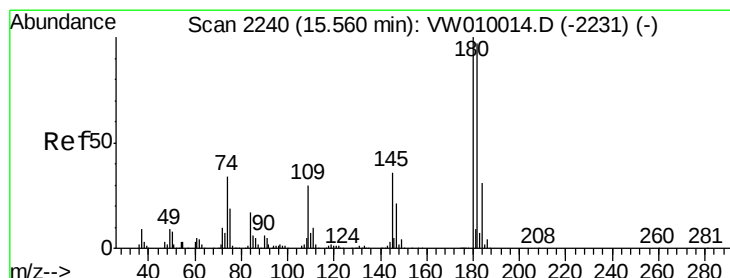
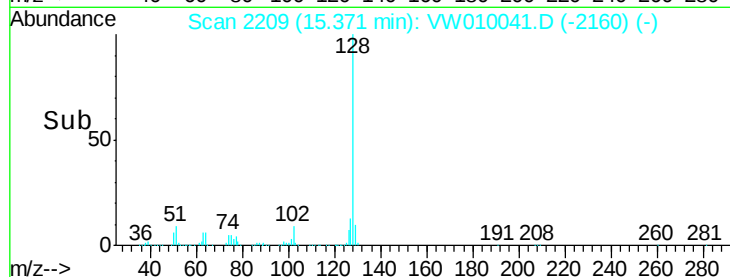
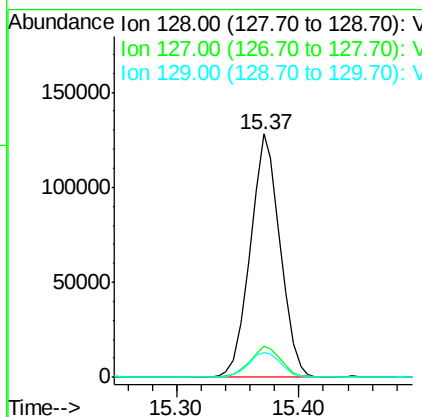
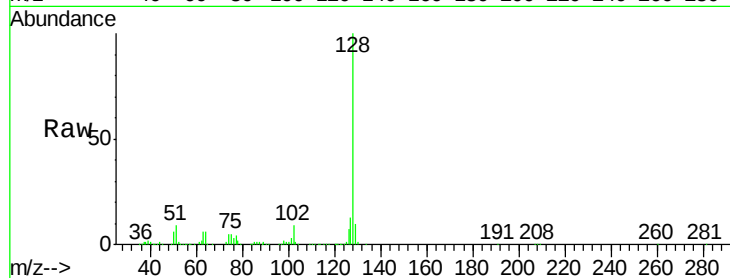
ClientSampleId :

VW0418SBS01

Tot Ion:	128	Resp:	217549
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/19/2019 12:52:54 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.870 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW010041.D

Acq: 18 Apr 2019 13:22

Tgt Ion:	180	Resp:	107816
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.8	143.3
145	32.6	16.4	49.2

