

Data File : VW009015.D
Acq On : 06 Mar 2019 12:08
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
3/8/2019 12:07:05 AM

Quant Time: Mar 07 07:11:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:55:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	315207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	430714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	237486	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	146424	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
35) Dibromofluoromethane	7.88	113	132101	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	10.32	98	571330	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.62	95	215021	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	135978	43.426	ug/l	100
3) Chloromethane	2.21	50	184860	46.870	ug/l	100
4) Vinyl Chloride	2.35	62	181547	45.934	ug/l	100
5) Bromomethane	2.77	94	174231	50.200	ug/l	100
6) Chloroethane	2.92	64	130105	46.427	ug/l	100
7) Trichlorofluoromethane	3.26	101	229130	45.005	ug/l	100
8) Diethyl Ether	3.68	74	68280	42.964	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	139271	44.083	ug/l	100
10) Methyl Iodide	4.27	142	164065	55.014	ug/l	100
11) Tert butyl alcohol	5.20	59	43720	189.010	ug/l	100
12) 1,1-Dichloroethene	4.04	96	126305	45.881	ug/l	100
13) Acrolein	3.90	56	55104	212.505	ug/l	100
14) Allyl chloride	4.67	41	219579	46.136	ug/l	100
15) Acrylonitrile	5.38	53	152839	224.636	ug/l	100
16) Acetone	4.14	43	149230	229.880	ug/l	100
17) Carbon Disulfide	4.38	76	444189	48.146	ug/l	100
18) Methyl Acetate	4.67	43	66899	45.181	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	327400	45.942	ug/l	100
20) Methylene Chloride	4.92	84	155093	40.808	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	143204	45.477	ug/l	100
22) Diisopropyl ether	6.31	45	444473	46.768	ug/l	100
23) Vinyl Acetate	6.26	43	1356158	229.113	ug/l	100
24) 1,1-Dichloroethane	6.22	63	253228	45.825	ug/l	100
25) 2-Butanone	7.18	43	205303	222.195	ug/l	100
26) 2,2-Dichloropropane	7.16	77	228660	45.236	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	152398	45.973	ug/l	100
28) Bromochloromethane	7.51	49	111412	46.446	ug/l	100
29) Tetrahydrofuran	7.53	42	126669	218.215	ug/l	100
30) Chloroform	7.68	83	260504	46.044	ug/l	100
31) Cyclohexane	7.95	56	254164	44.726	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	238651	45.924	ug/l	100
36) 1,1-Dichloropropene	8.08	75	210625	48.179	ug/l	100
37) Ethyl Acetate	7.25	43	88937	45.994	ug/l	100
38) Carbon Tetrachloride	8.07	117	216327	47.817	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	266288	50.422	ug/l	100
40) Benzene	8.32	78	581337	49.301	ug/l	100
41) Methacrylonitrile	7.48	41	48737	42.492	ug/l	100
42) 1,2-Dichloroethane	8.40	62	173676	45.890	ug/l	100
43) Isopropyl Acetate	8.43	43	179018	47.095	ug/l	100
44) Trichloroethene	9.09	130	157738	47.975	ug/l	100
45) 1,2-Dichloropropane	9.37	63	139596	47.754	ug/l	100
46) Dibromomethane	9.46	93	75921	47.077	ug/l	100
47) Bromodichloromethane	9.64	83	189300	46.823	ug/l	100
48) Methyl methacrylate	9.44	41	90404	50.332	ug/l	100
49) 1,4-Dioxane	9.46	88	21182	960.802	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	472557	245.838	ug/l	100
52) Toluene	10.39	92	401381	50.423	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	197340	49.207	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	221038	48.280	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	102849	46.955	ug/l	100
56) Ethyl methacrylate	10.65	69	137062	50.587	ug/l	100
57) 1,3-Dichloropropane	10.93	76	182464	47.371	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	356339	247.855	ug/l	100
59) 2-Hexanone	10.97	43	343409	254.127	ug/l	100
60) Dibromochloromethane	11.13	129	127858	48.058	ug/l	100
61) 1,2-Dibromoethane	11.24	107	99454	47.904	ug/l	100
64) Tetrachloroethene	10.86	164	147183	49.491	ug/l	100
65) Chlorobenzene	11.66	112	440137	49.232	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	142433	47.440	ug/l	100
67) Ethyl Benzene	11.73	91	814312	50.237	ug/l	100
68) m/p-Xylenes	11.84	106	635383	99.342	ug/l	100
69) o-Xylene	12.16	106	298328	49.965	ug/l	100
70) Styrene	12.18	104	480773	49.705	ug/l	100
71) Bromoform	12.35	173	78065	48.800	ug/l #	100
73) Isopropylbenzene	12.46	105	827368	50.897	ug/l	100
74) N-amyl acetate	12.27	43	197263	50.972	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	121885	48.072	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	87154m	33.956	ug/l	
77) Bromobenzene	12.75	156	184100	50.028	ug/l	100
78) n-propylbenzene	12.80	91	1025838	51.404	ug/l	100
79) 2-Chlorotoluene	12.89	91	564880	50.131	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	708914	50.816	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	39212	50.495	ug/l	100
82) 4-Chlorotoluene	12.99	91	601208	50.160	ug/l	100
83) tert-Butylbenzene	13.21	119	608429	50.616	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	725017	50.765	ug/l	100
85) sec-Butylbenzene	13.38	105	895912	51.093	ug/l	100
86) p-Isopropyltoluene	13.50	119	810879	51.376	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	393711	49.976	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	382576	48.963	ug/l	100
89) n-Butylbenzene	13.83	91	773584	51.771	ug/l	100
90) Hexachloroethane	14.10	117	137698	50.925	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	343779	49.876	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22464	48.474	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030619\
Quantitation Report (QT Reviewed)

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	241367	51.139	ug/l	100
94) Hexachlorobutadiene	15.24	225	150996	50.331	ug/l	100
95) Naphthalene	15.37	128	401091	52.412	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	208058	50.914	ug/l	100

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

Data File : VW009015.D

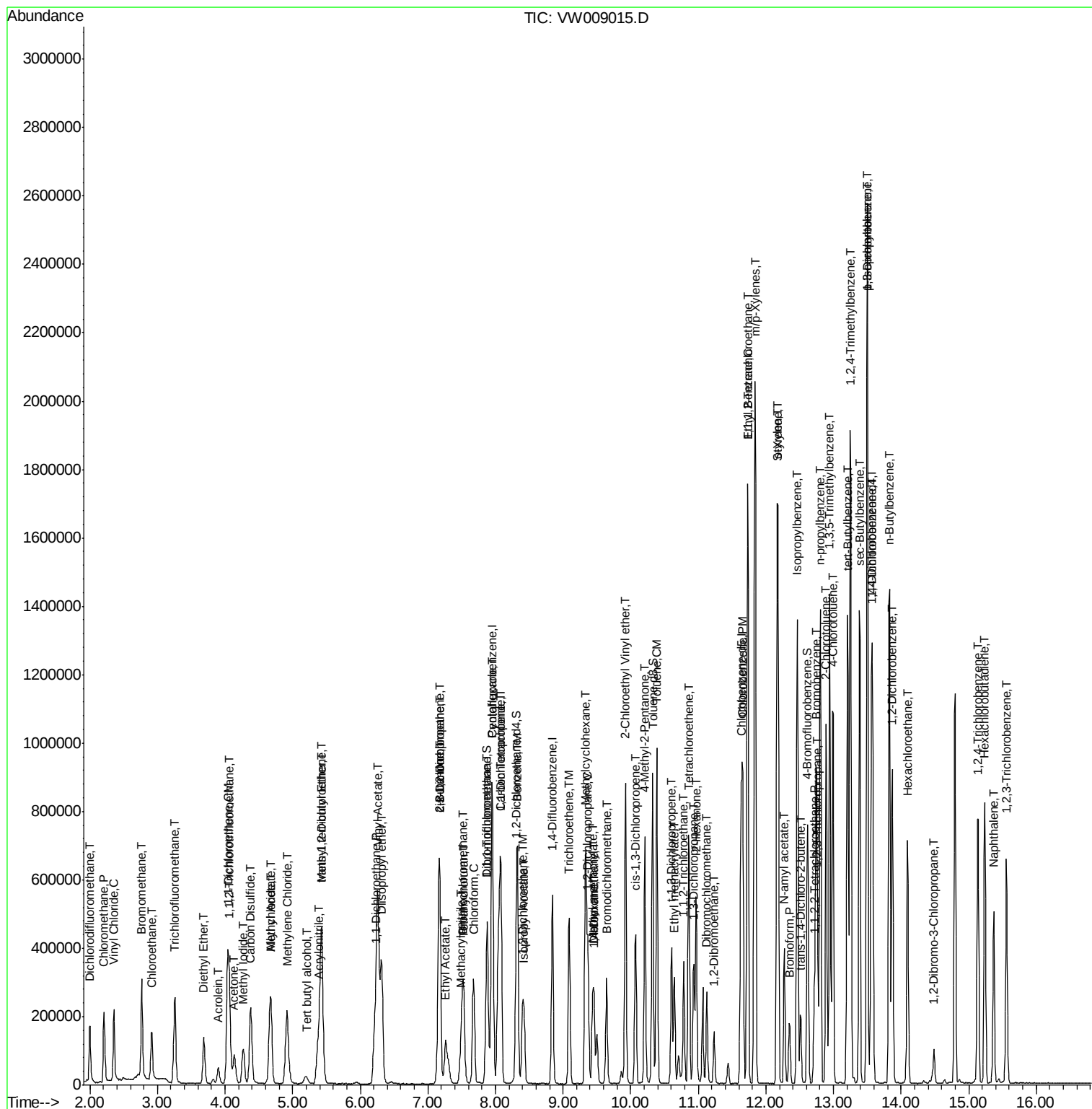
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Acq On       : 06 Mar 2019   12:08
Operator    : SY/VA
Sample      : VSTDICCC050
Misc       : 5.00G/5ML/MSV0A_W/SOIL
ALS Vial    : 6      Sample Multiplier: 1
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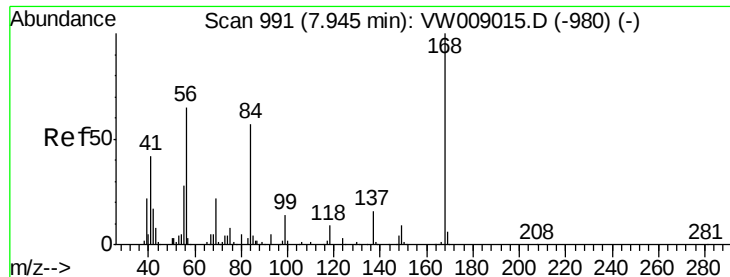
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
3/8/2019 12:07:05 AM

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 168 Resp: 315207

Ion Ratio Lower Upper

168 100

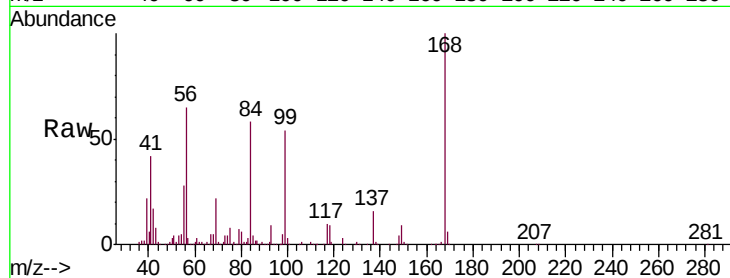
99 54.4 43.5 65.3

Manual Integrations

APPROVED

MMDadoda

3/8/2019 12:07:05 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

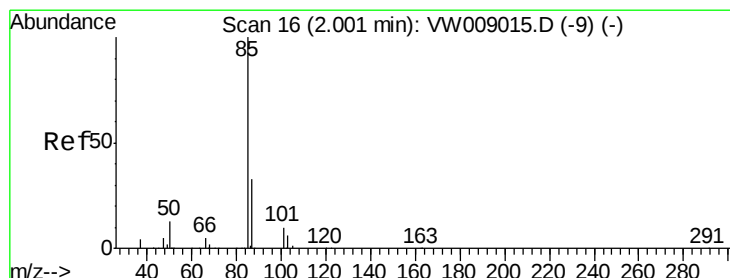
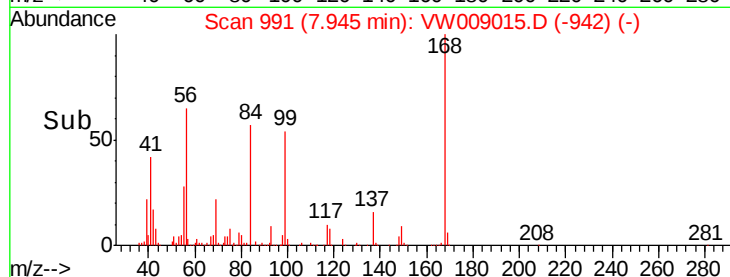
100000

50000

0

7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 43.426 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW009015.D

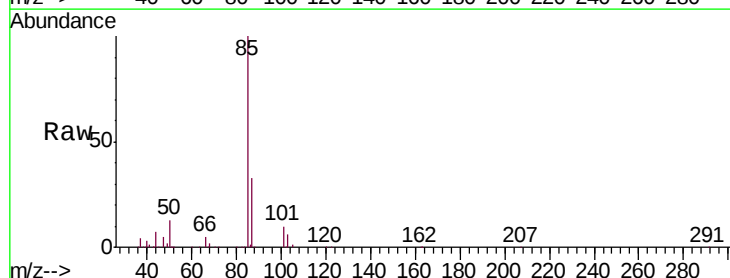
Acq: 06 Mar 2019 12:08

Tgt Ion: 85 Resp: 135978

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

60000

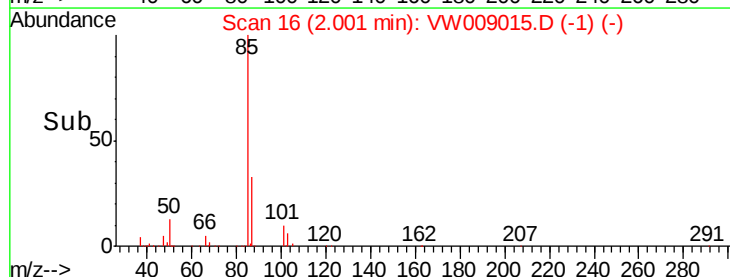
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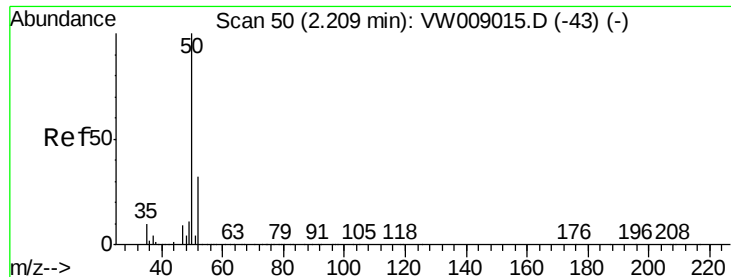
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 46.870 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tgt Ion: 50 Resp: 184860

Ion Ratio Lower Upper

50 100

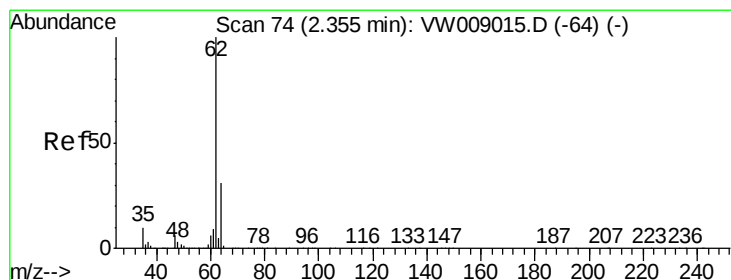
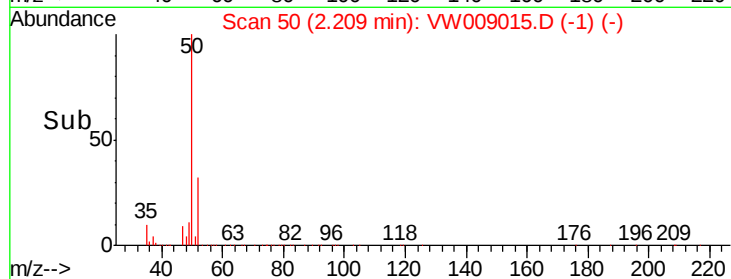
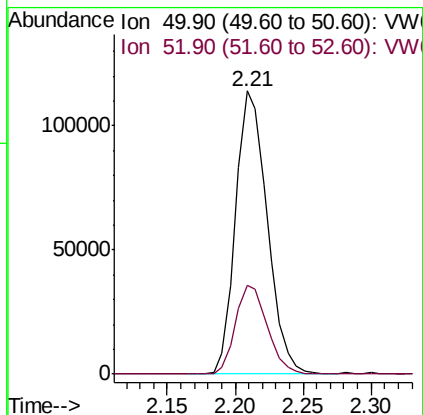
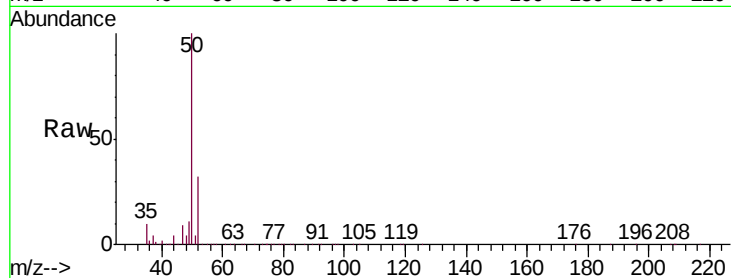
52 31.6 25.3 37.9

Manual Integrations

APPROVED

MMDadoda

3/8/2019 12:07:05 AM



#4

Vinyl Chloride

Concen: 45.934 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW009015.D

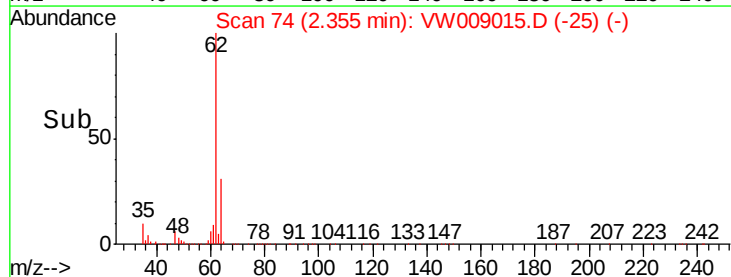
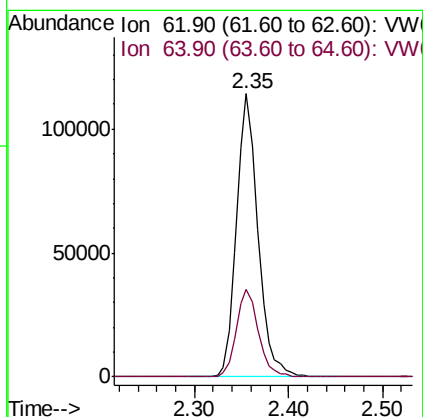
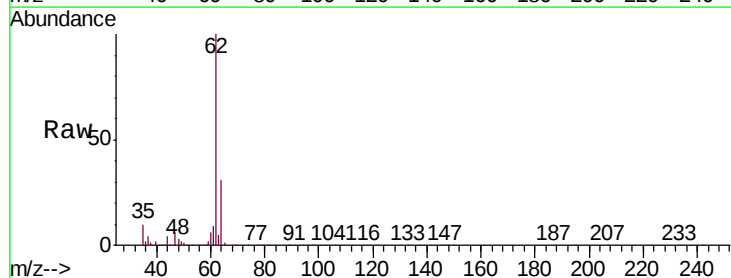
Acq: 06 Mar 2019 12:08

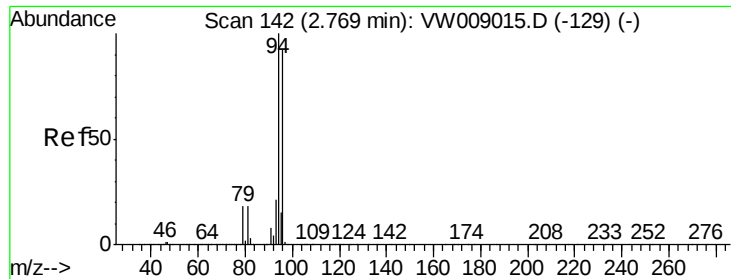
Tgt Ion: 62 Resp: 181547

Ion Ratio Lower Upper

62 100

64 30.7 24.6 36.8





#5

Bromomethane

Concen: 50.200 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 174231

Ion Ratio Lower Upper

94 100

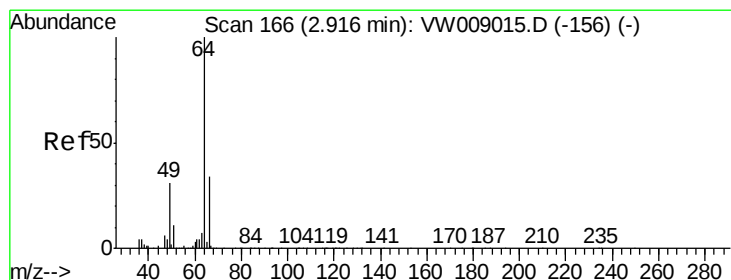
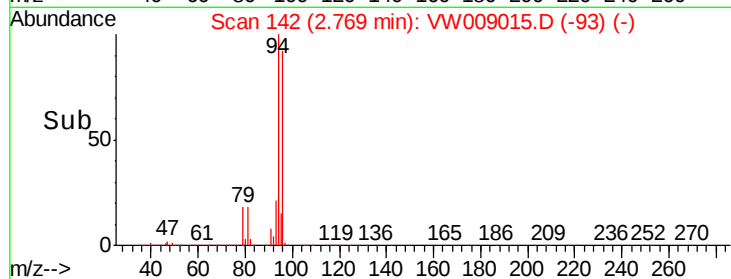
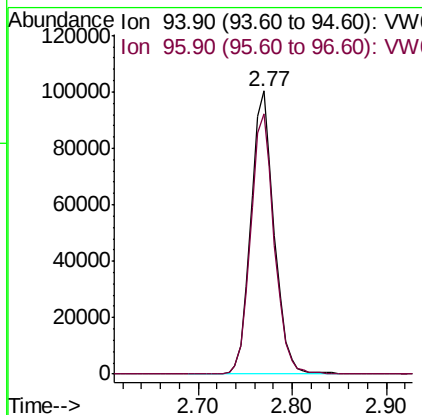
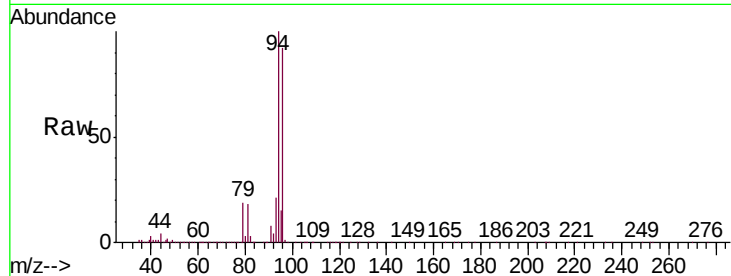
96 91.7 73.4 110.0

Manual Integrations

APPROVED

MMDadoda

3/8/2019 12:07:05 AM



#6

Chloroethane

Concen: 46.427 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW009015.D

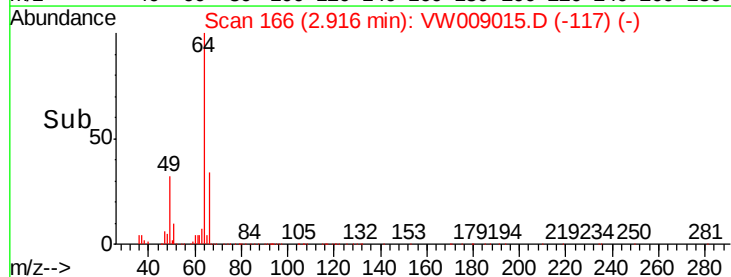
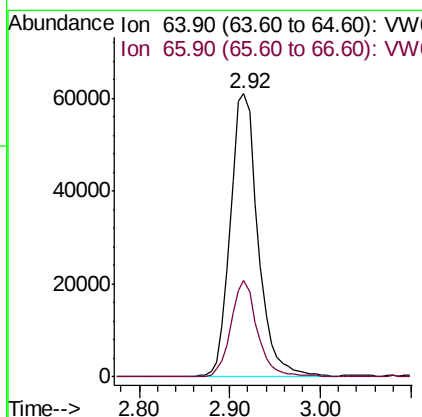
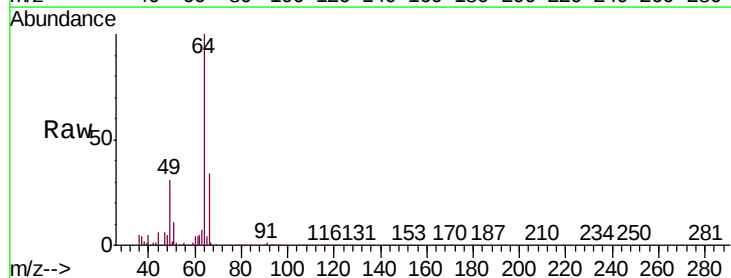
Acq: 06 Mar 2019 12:08

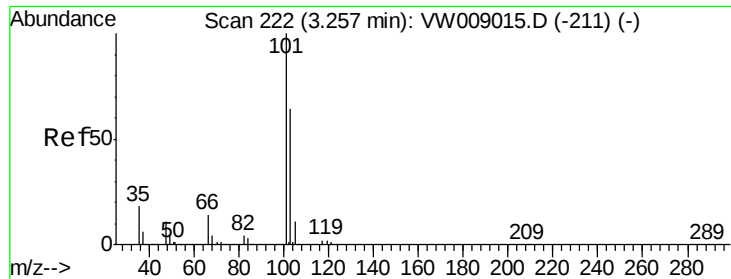
Tgt Ion: 64 Resp: 130105

Ion Ratio Lower Upper

64 100

66 34.0 27.2 40.8





#7

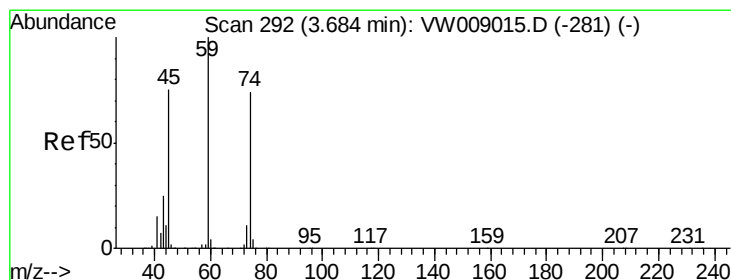
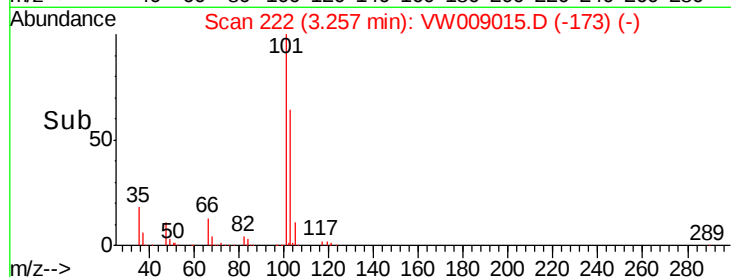
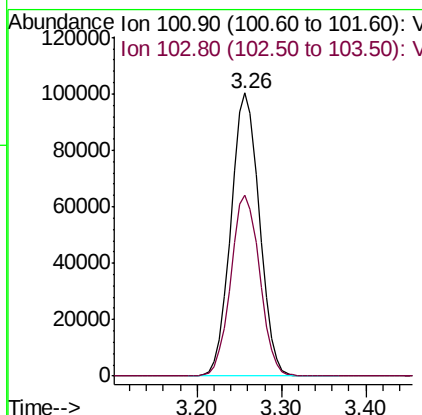
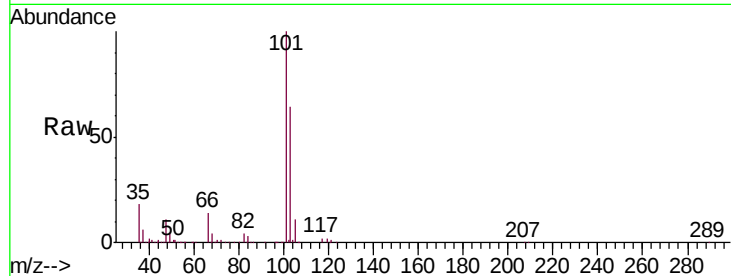
Trichlorofluoromethane
Concen: 45.005 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.1	76.7

Manual Integrations
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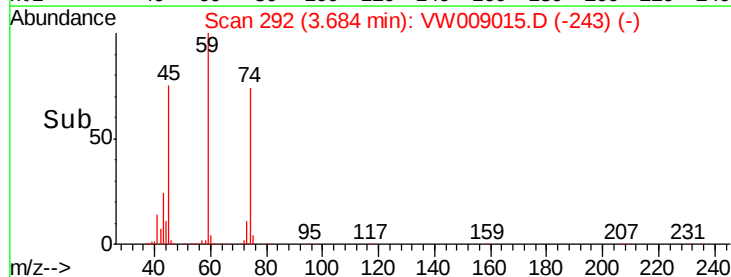
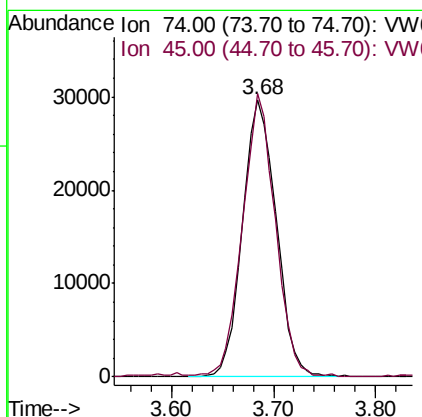
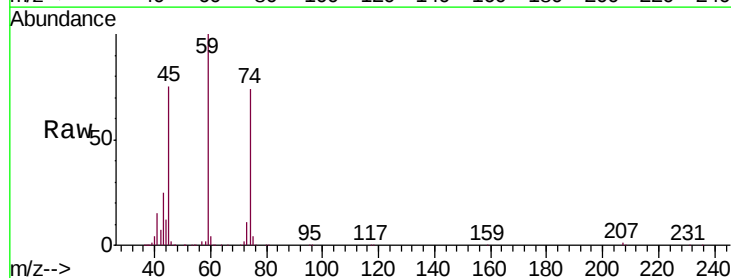
MMDadoda
3/8/2019 12:07:05 AM

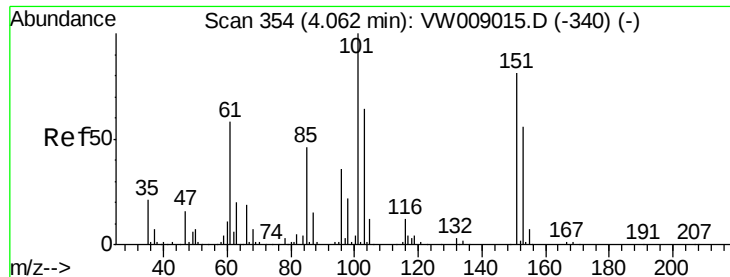


#8

Diethyl Ether
Concen: 42.964 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	48.8	146.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.083 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

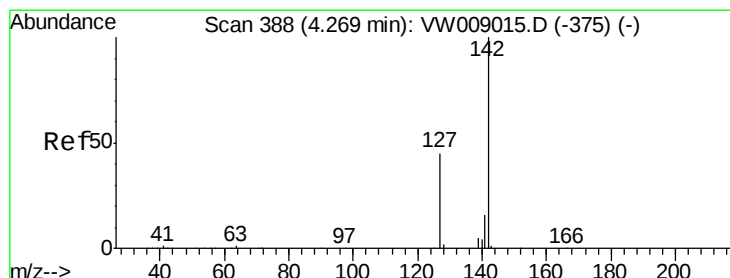
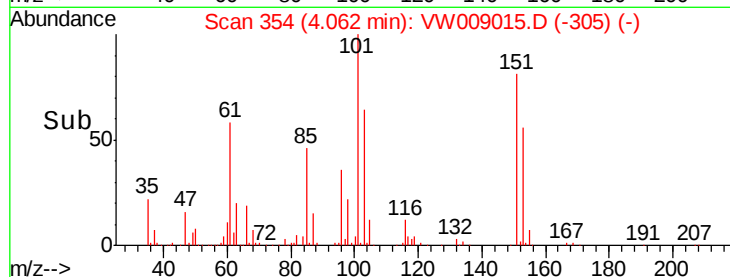
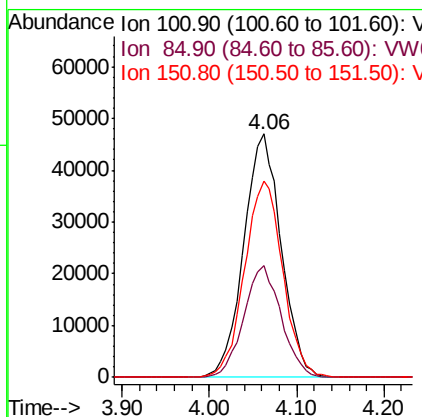
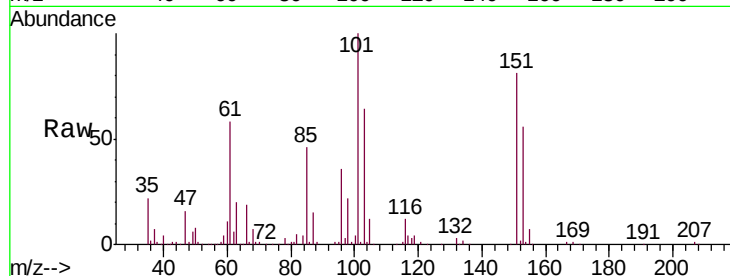
ClientSampleId :

VSTDICCC050

Tgt Ion:	101	Resp:	139271
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.6	55.0
151	82.5	66.0	99.0

Manual Integrations
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MMDadoda
3/8/2019 12:07:05 AM



#10

Methyl Iodide

Concen: 55.014 ug/l

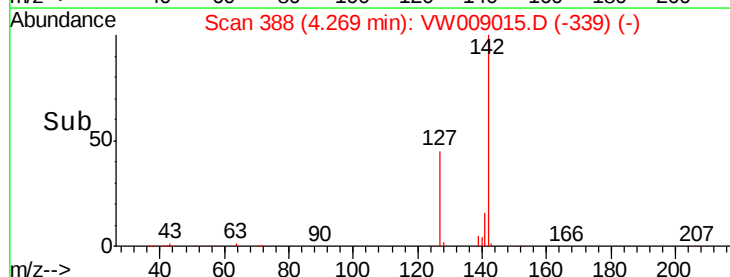
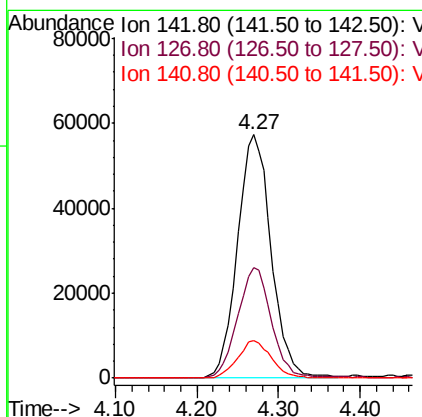
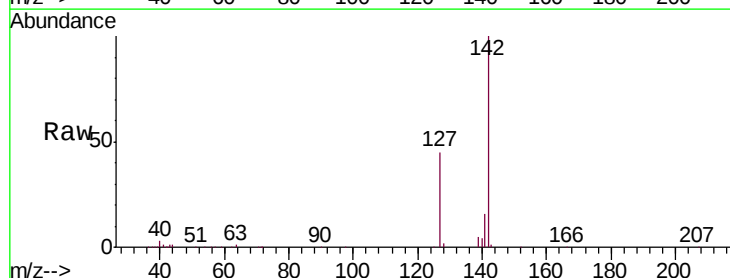
RT: 4.27 min Scan# 388

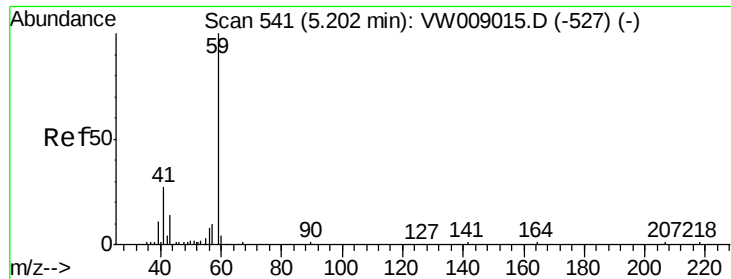
Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Tgt Ion:	142	Resp:	164065
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.2	54.2
141	15.4	12.3	18.5





#11

Tert butyl alcohol

Concen: 189.010 ug/l

RT: 5.20 min Scan# 541

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W

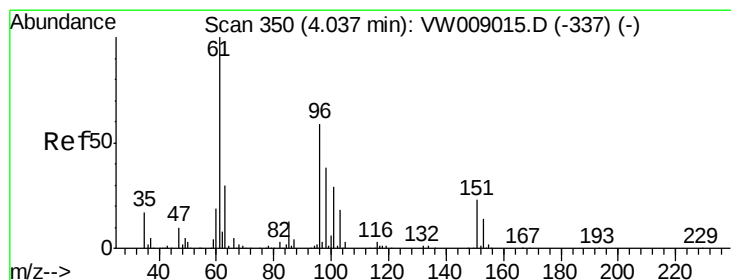
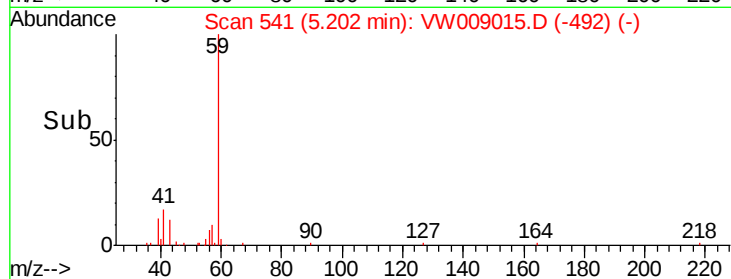
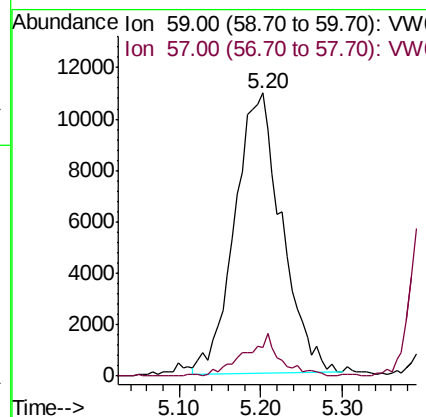
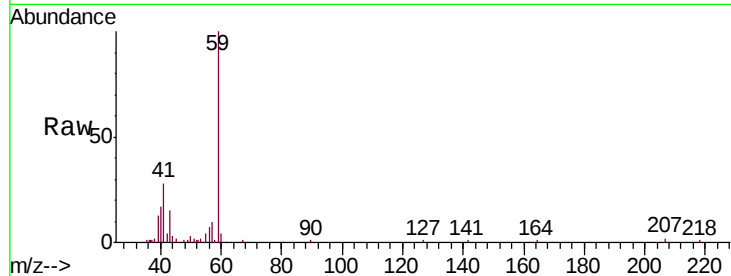
ClientSampled :
VSTDICCC050

Tgt Ion: 59 Resp: 43720

Ion	Ratio	Lower	Upper
59	100		
57	11.3	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
3/8/2019 12:07:05 AM



#12

1,1-Dichloroethene

Concen: 45.881 ug/l

RT: 4.04 min Scan# 350

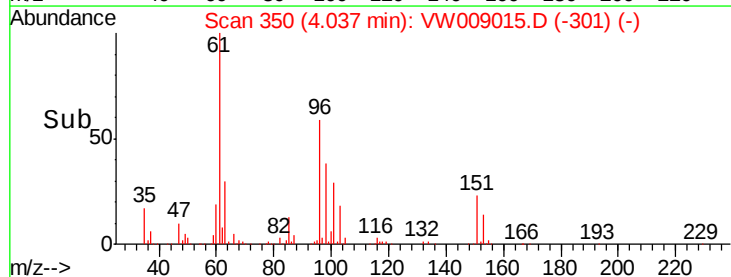
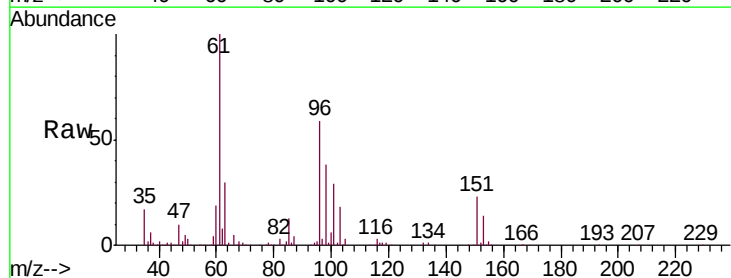
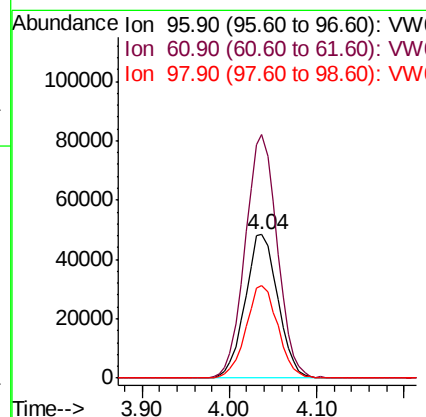
Delta R.T. 0.00 min

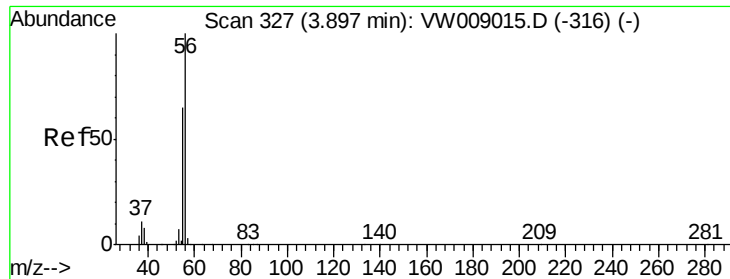
Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Tgt Ion: 96 Resp: 126305

Ion	Ratio	Lower	Upper
96	100		
61	169.7	135.8	203.6
98	64.5	51.6	77.4





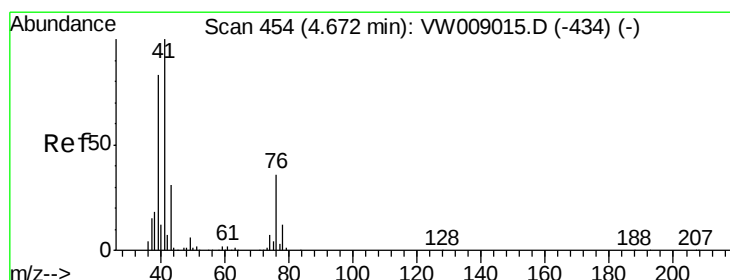
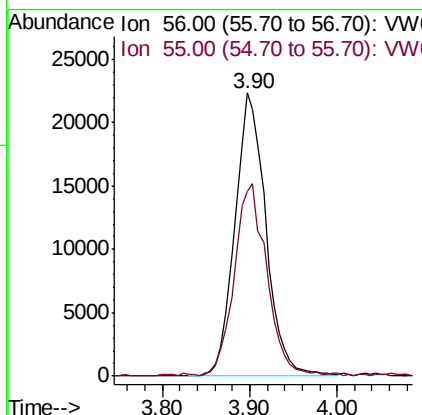
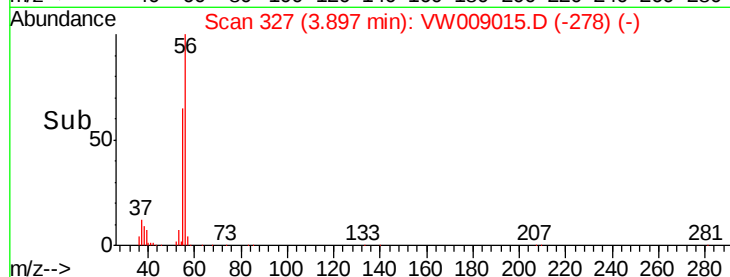
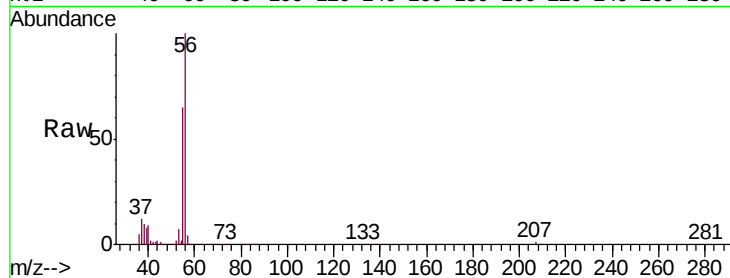
#13
Acrolein
Concen: 212.505 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	71.4	57.1	85.7

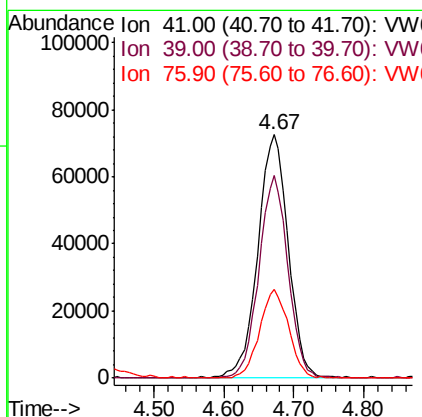
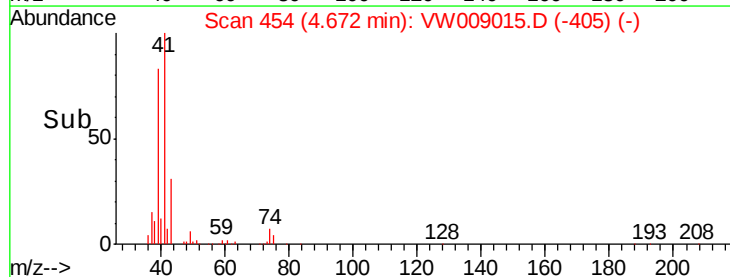
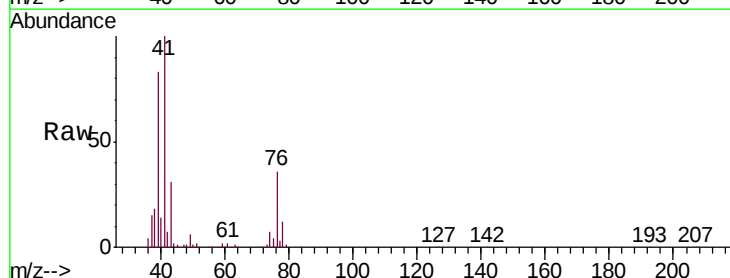
Manual Integrations
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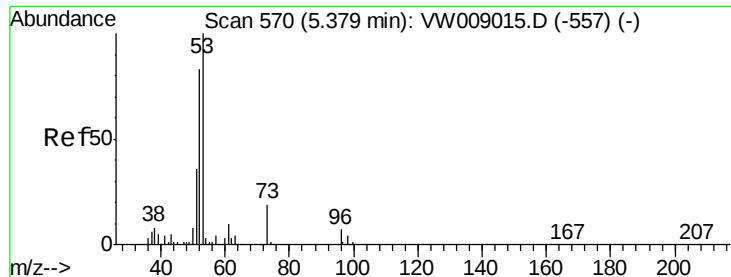
MMDadoda
3/8/2019 12:07:05 AM



#14
Allyl chloride
Concen: 46.136 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
41	100		
39	79.5	63.6	95.4
76	34.9	27.9	41.9





#15

Acrylonitrile

Concen: 224.636 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

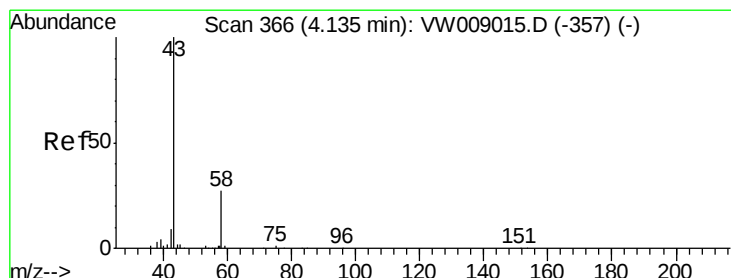
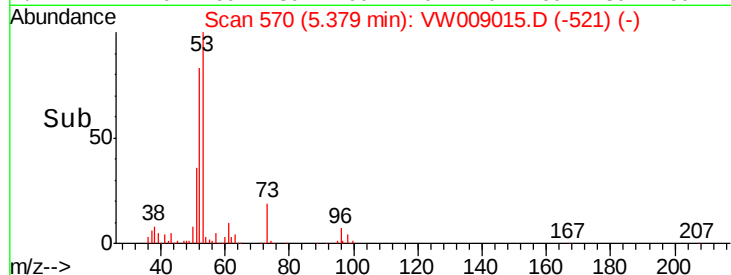
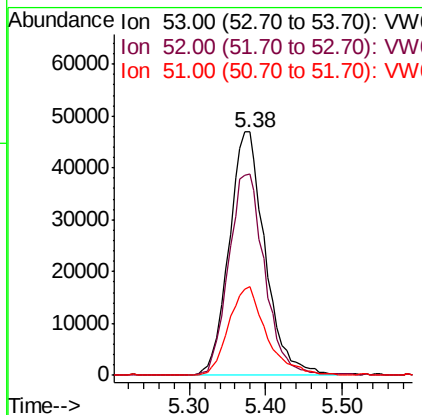
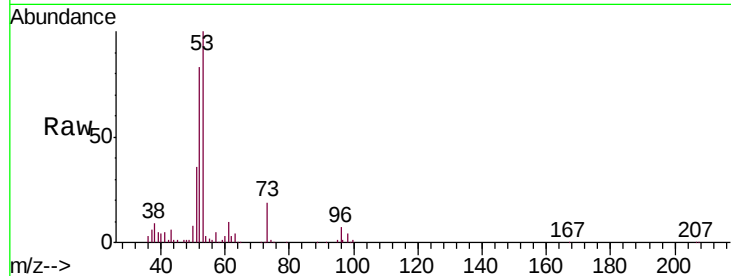
ClientSampleId :

VSTDICCC050

Tgt Ion:	53	Resp:	152839
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	100.0
51	38.2	30.6	45.8

Manual Integrations
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MMDadoda
3/8/2019 12:07:05 AM



#16

Acetone

Concen: 229.880 ug/l

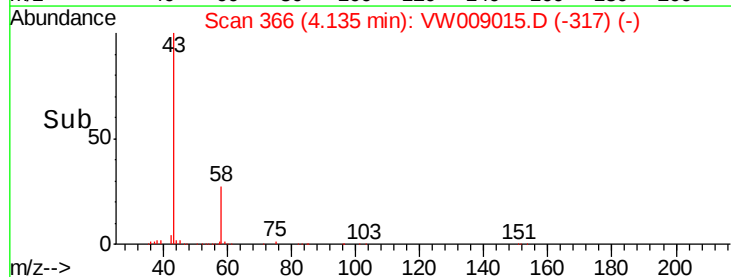
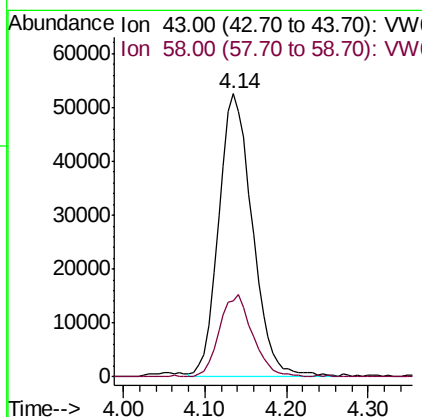
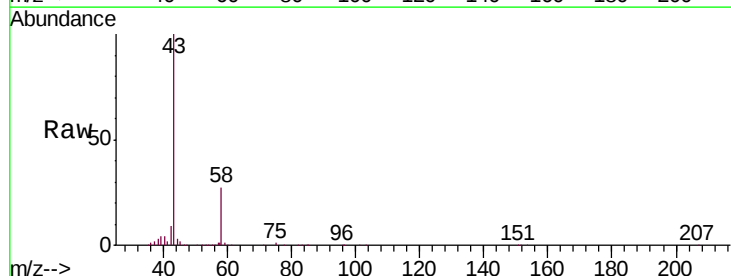
RT: 4.14 min Scan# 366

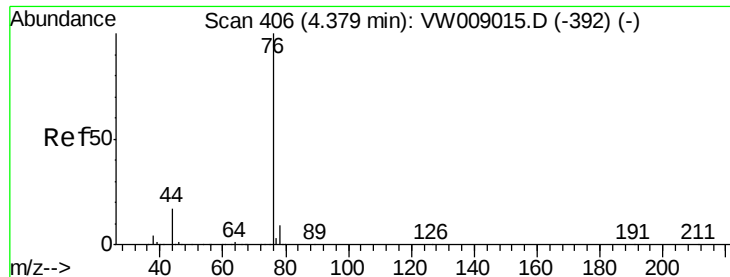
Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Tgt Ion:	43	Resp:	149230
Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.6	32.4





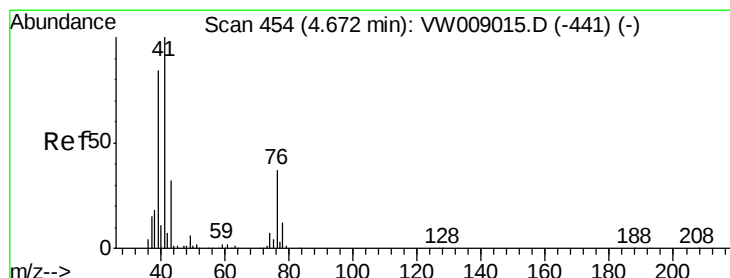
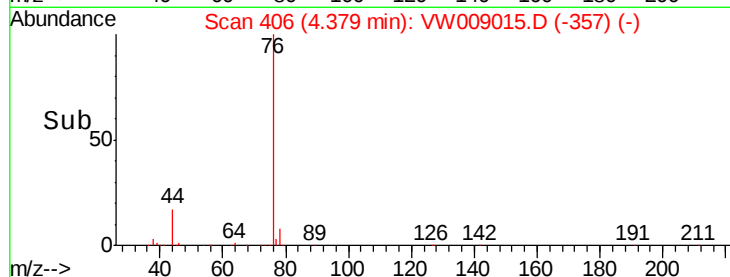
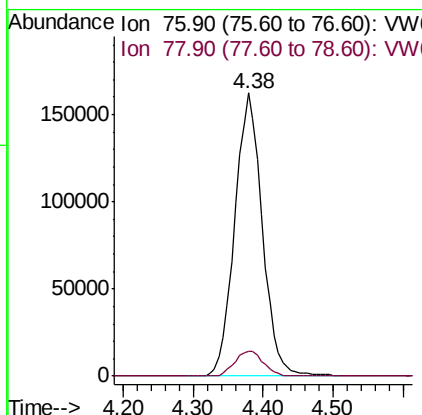
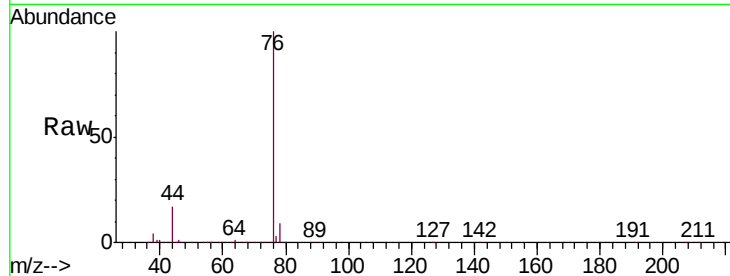
#17
Carbon Disulfide
Concen: 48.146 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.9	10.3

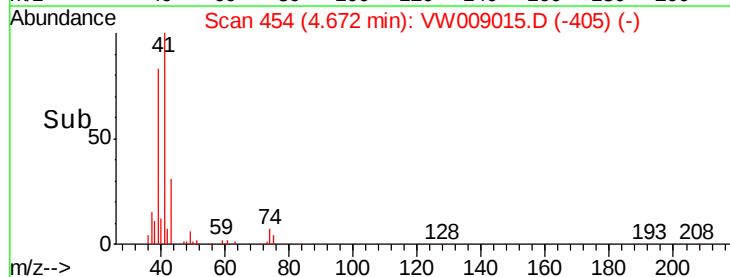
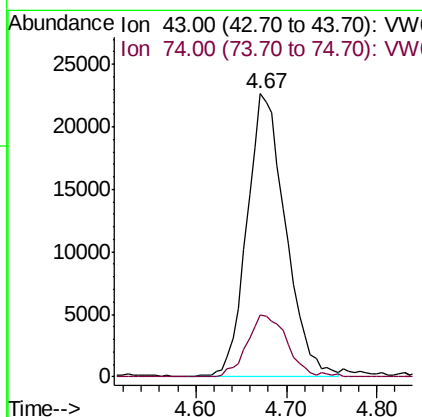
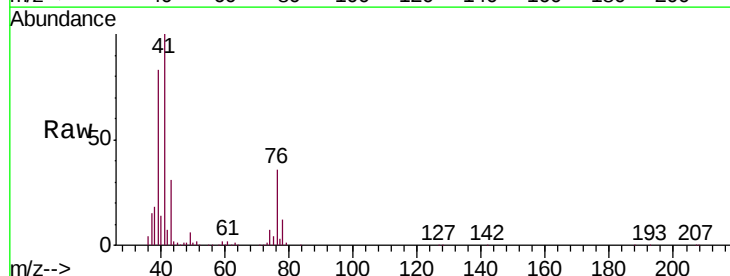
Manual Integrations
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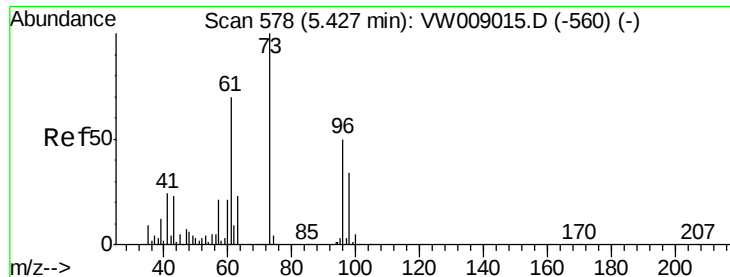
MMDadoda
3/8/2019 12:07:05 AM



#18
Methyl Acetate
Concen: 45.181 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.7	26.5





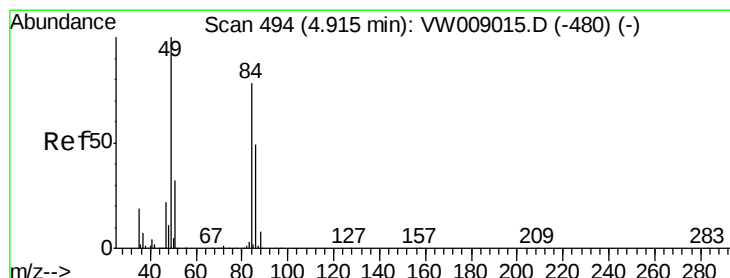
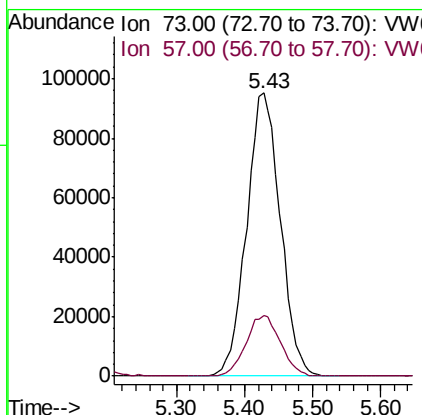
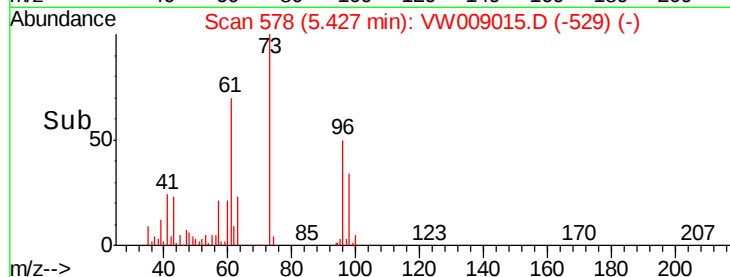
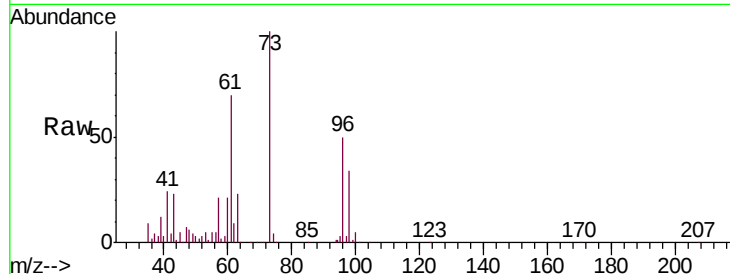
#19
Methyl tert-butyl Ether
Concen: 45.942 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion: 73 Resp: 327400
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6

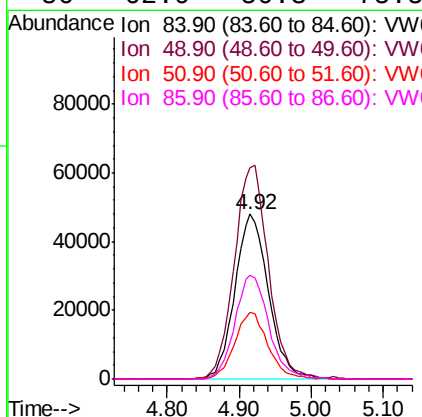
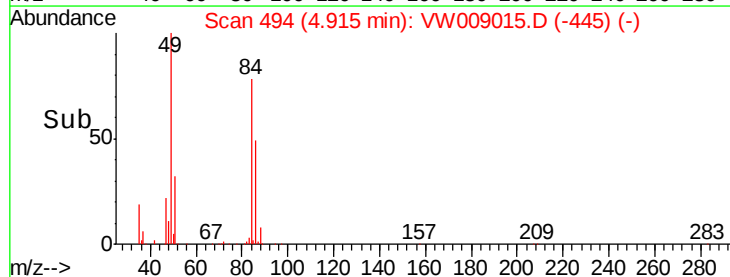
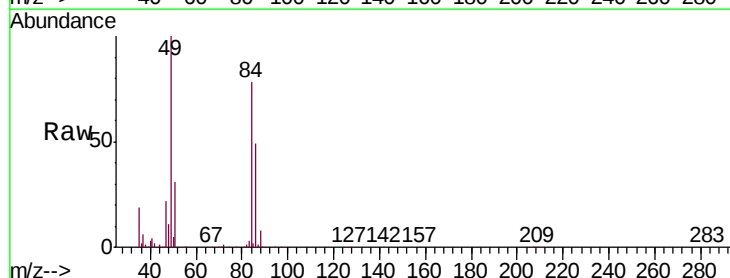
Manual Integrations
APPROVED

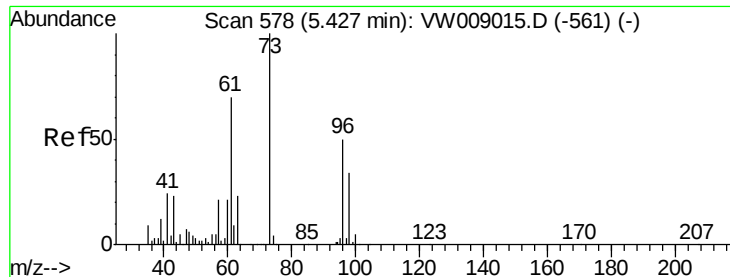
MMDadoda
3/8/2019 12:07:05 AM



#20
Methylene Chloride
Concen: 40.808 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion: 84 Resp: 155093
Ion Ratio Lower Upper
84 100
49 128.5 102.8 154.2
51 40.5 32.4 48.6
86 62.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 45.477 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

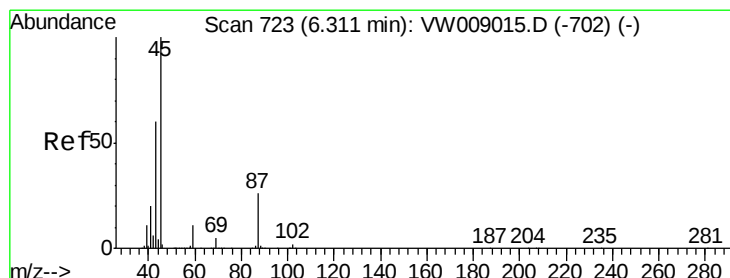
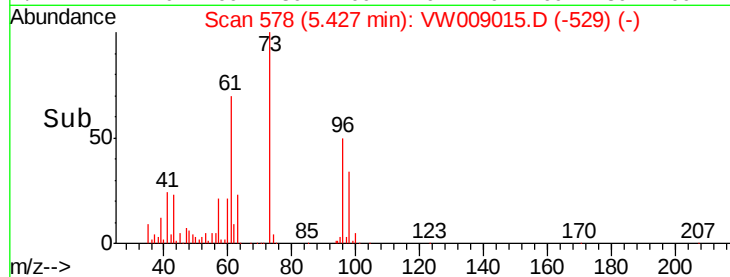
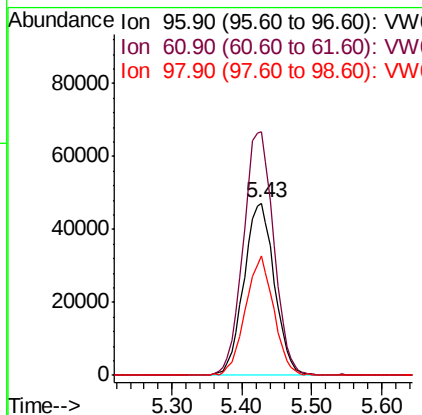
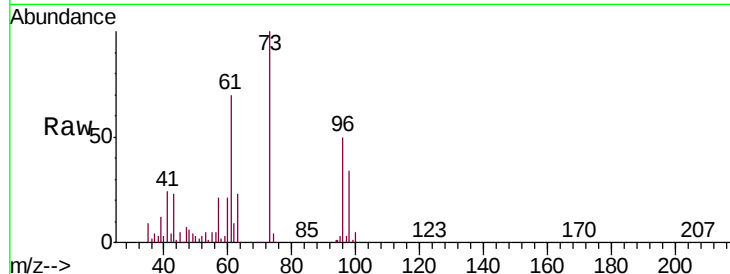
ClientSampleId :

VSTDICCC050

Tgt Ion:	96	Resp:	143204
Ion	Ratio	Lower	Upper
96	100		
61	141.5	113.2	169.8
98	69.6	55.7	83.5

Manual Integrations
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MMDadoda
3/8/2019 12:07:05 AM



#22

Diisopropyl ether

Concen: 46.768 ug/l

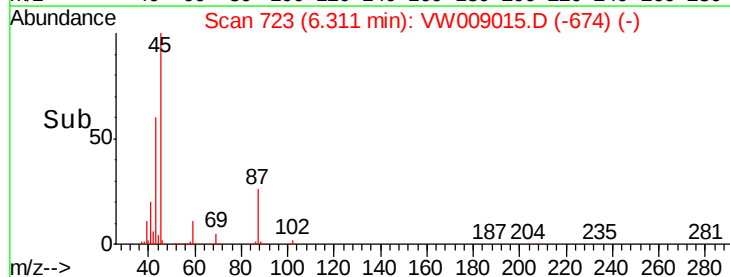
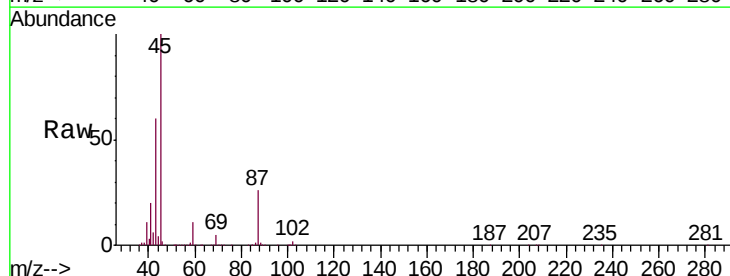
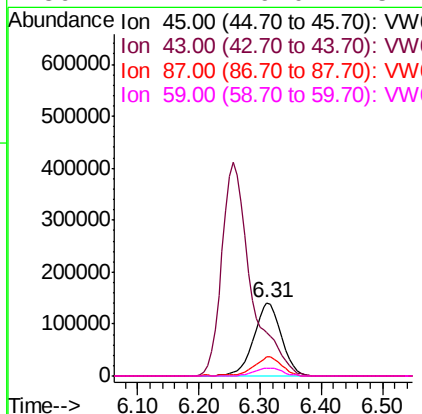
RT: 6.31 min Scan# 723

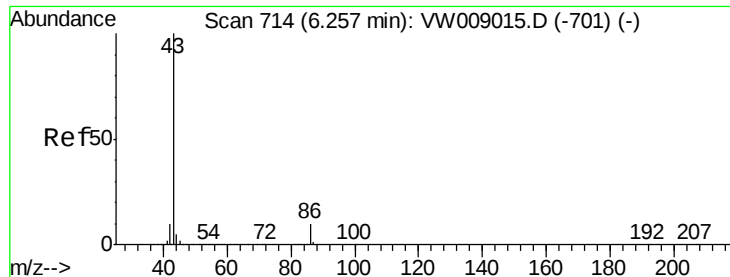
Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Tgt Ion:	45	Resp:	444473
Ion	Ratio	Lower	Upper
45	100		
43	60.1	48.1	72.1
87	26.1	20.9	31.3
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 229.113 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 1356158

Ion Ratio Lower Upper

43 100

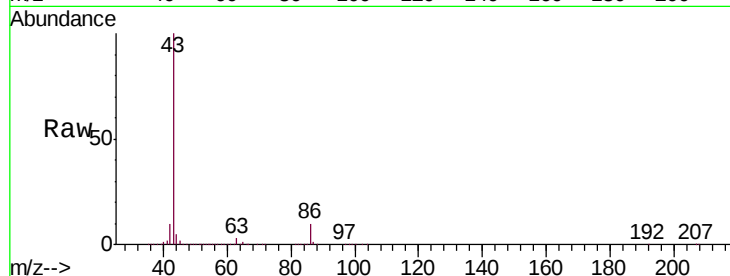
86 10.0 8.0 12.0

Manual Integrations

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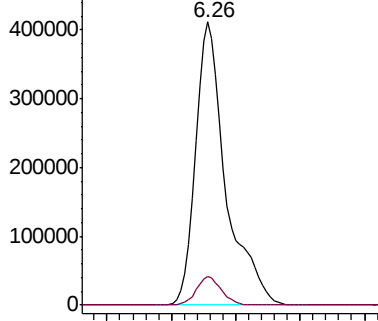
MMDadoda

3/8/2019 12:07:05 AM

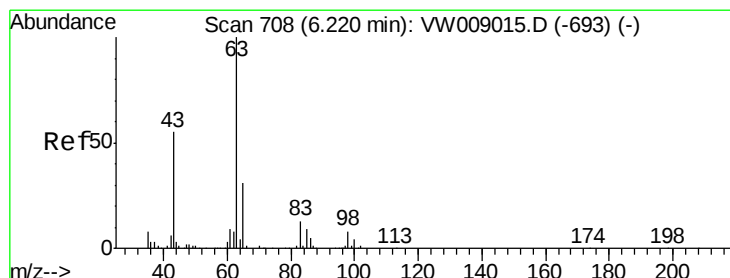
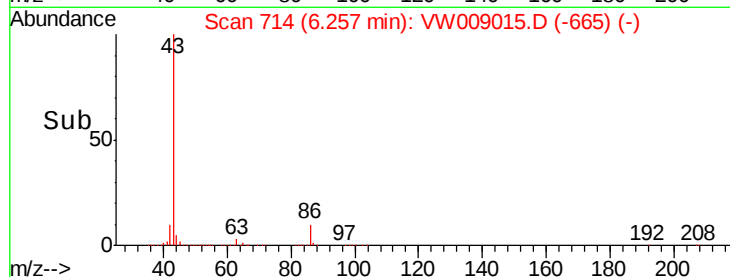


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 45.825 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

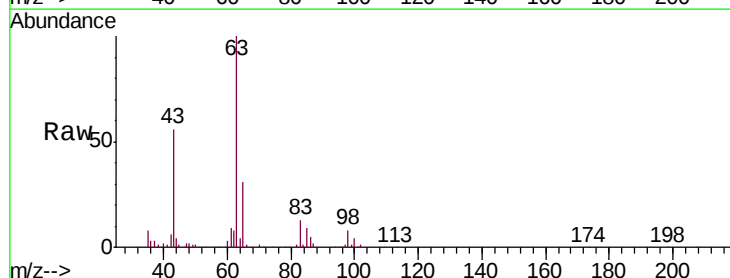
Tgt Ion: 63 Resp: 253228

Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.2

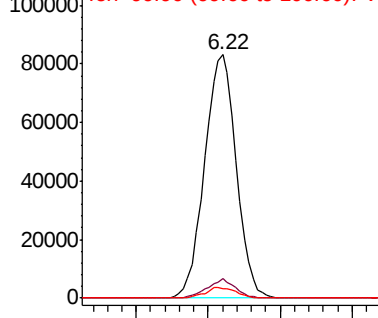
100 3.9 2.0 5.8



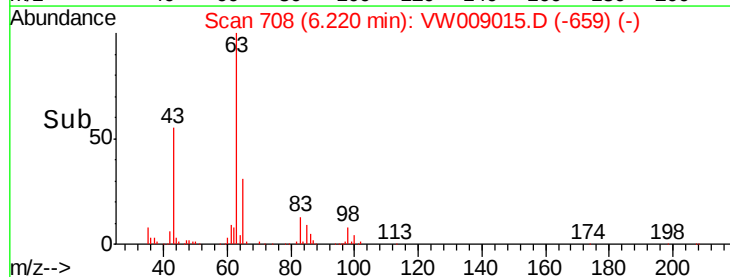
Abundance Ion 62.90 (62.60 to 63.60): VW

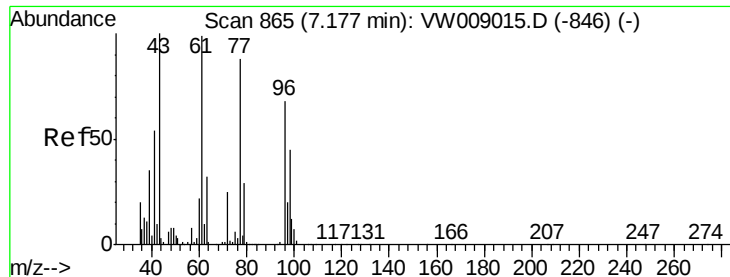
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 222.195 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tgt Ion: 43 Resp: 205303

Ion Ratio Lower Upper

43 100

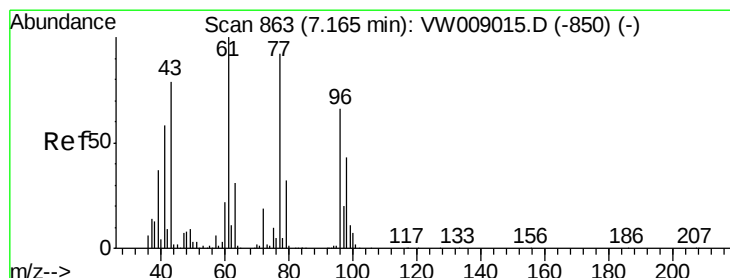
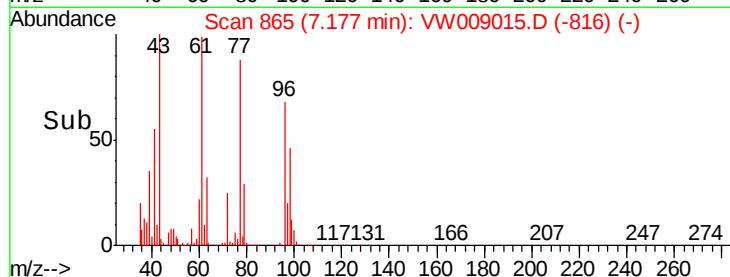
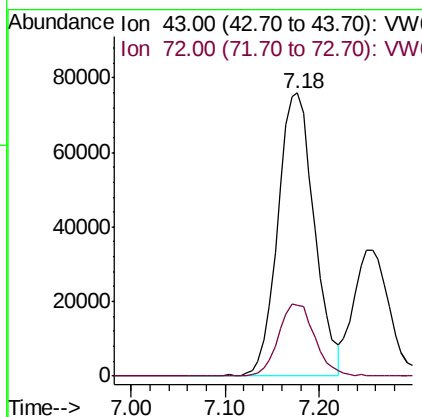
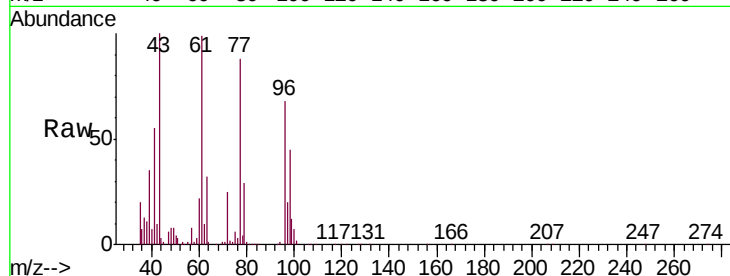
72 25.2 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.236 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009015.D

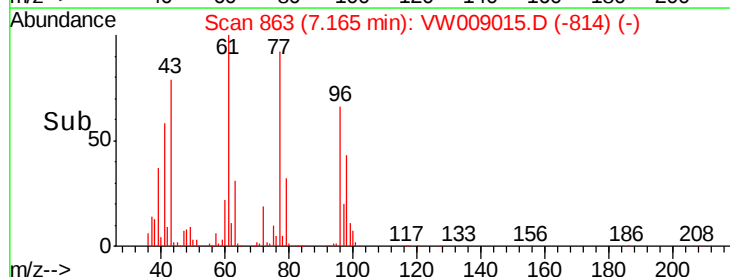
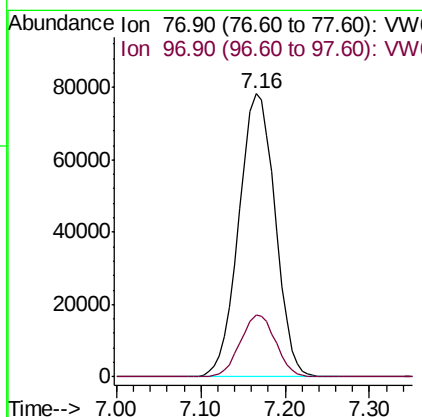
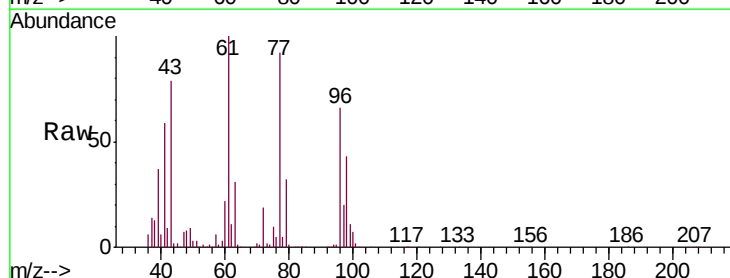
Acq: 06 Mar 2019 12:08

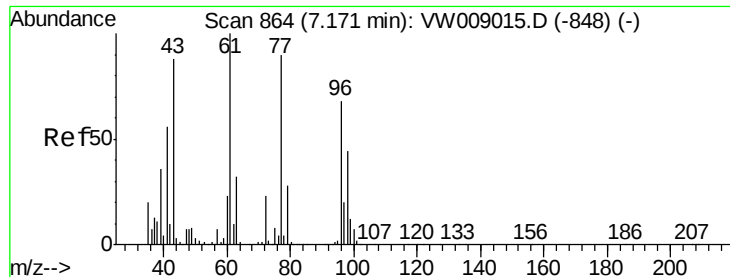
Tgt Ion: 77 Resp: 228660

Ion Ratio Lower Upper

77 100

97 21.4 10.7 32.1





#27

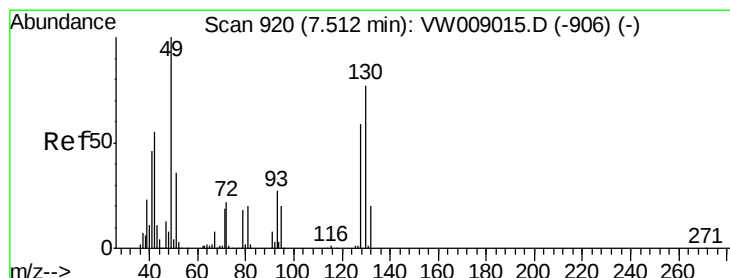
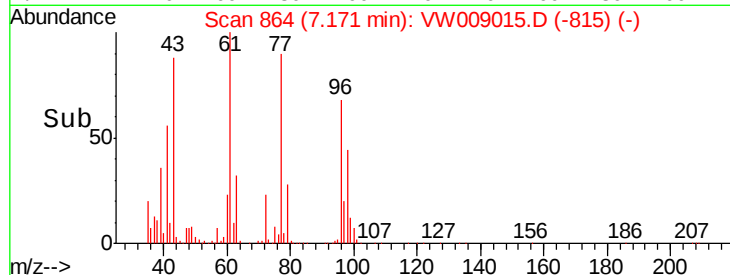
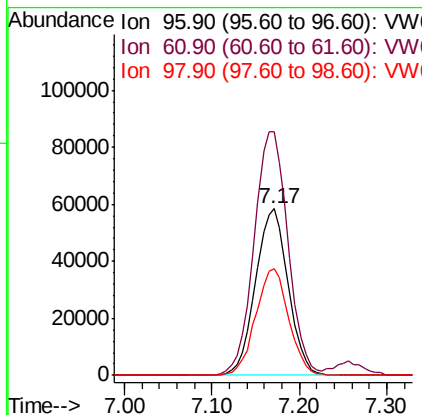
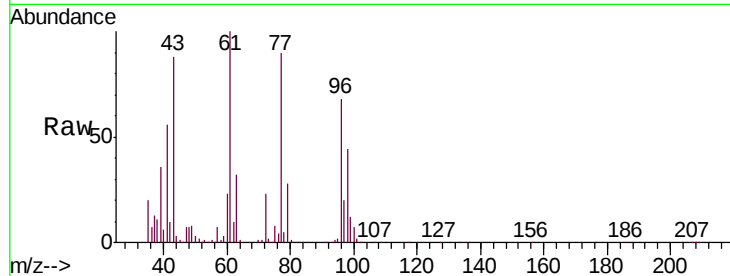
cis-1,2-Dichloroethene
Concen: 45.973 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	152398		
61	151.8	0.0	303.6	
98	64.5	0.0	129.0	

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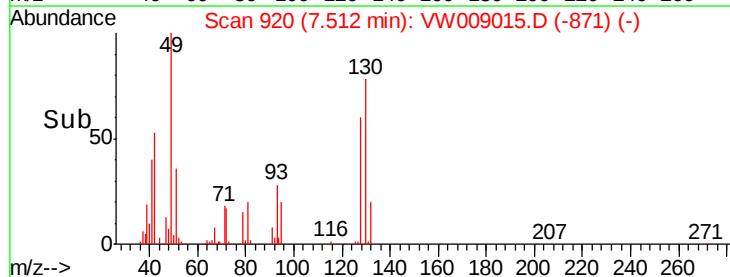
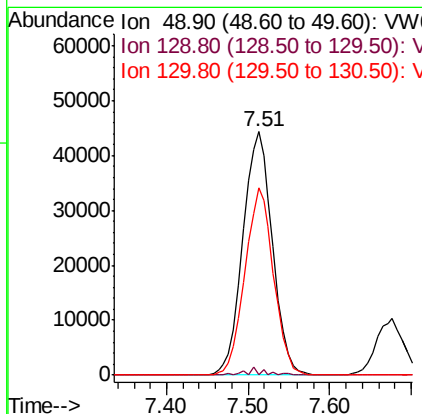
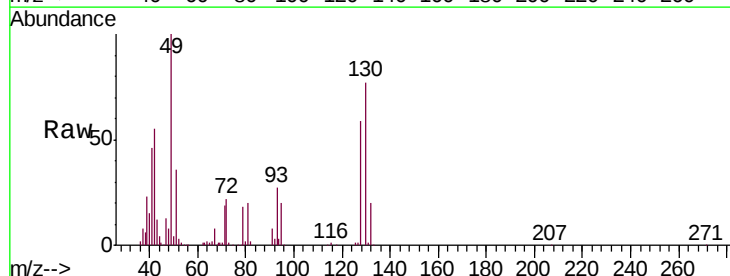
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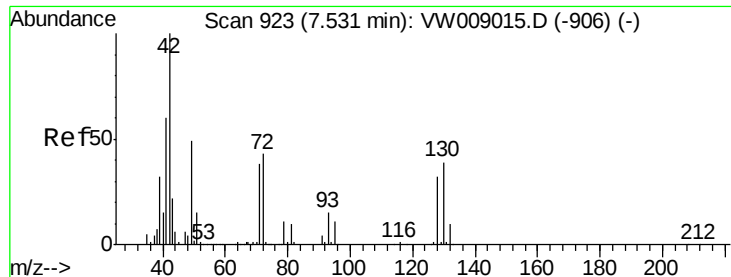


#28

Bromochloromethane
Concen: 46.446 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111412		
129	1.6	0.0	3.2	
130	74.9	59.9	89.9	





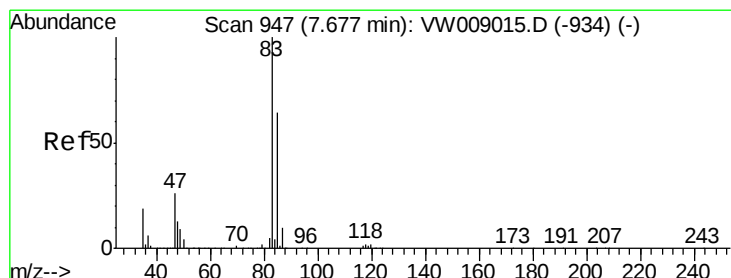
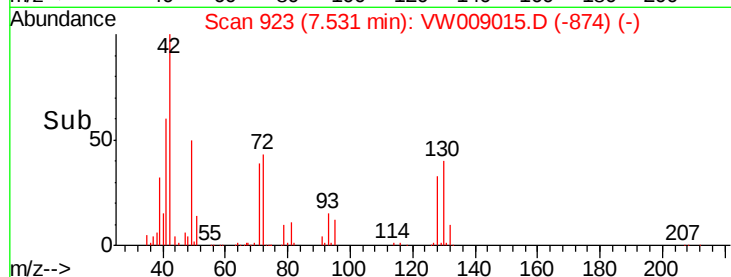
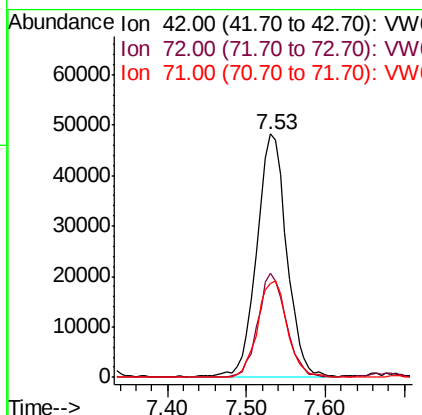
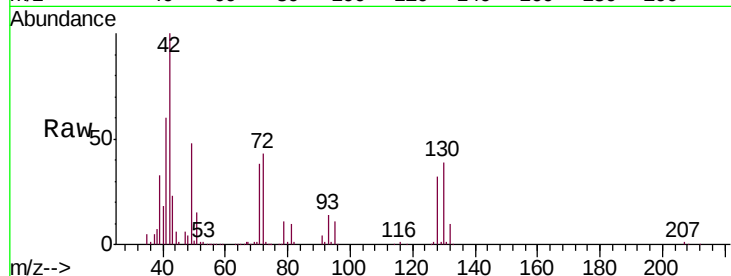
#29
Tetrahydrofuran
Concen: 218.215 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.6	32.5	48.7
71	39.5	31.6	47.4

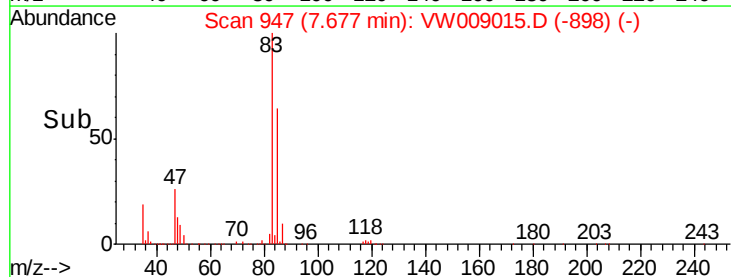
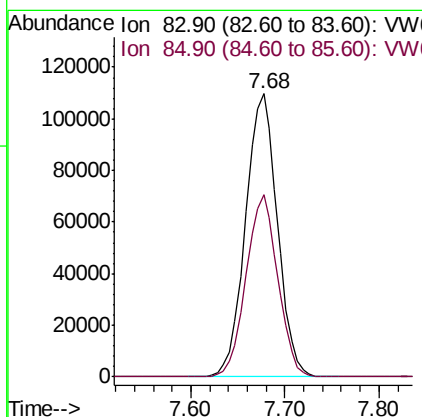
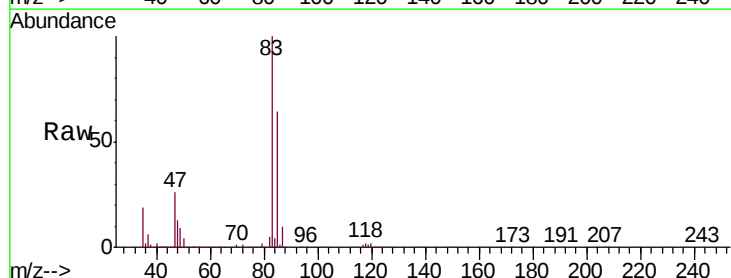
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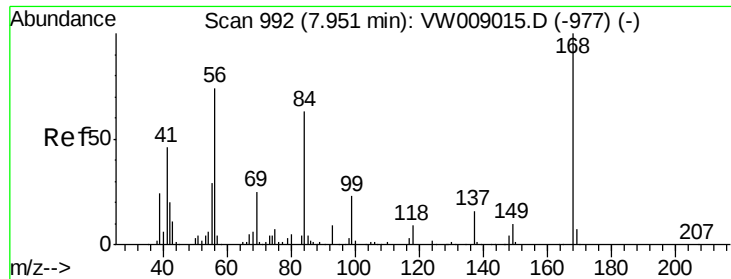
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#30
Chloroform
Concen: 46.044 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.0





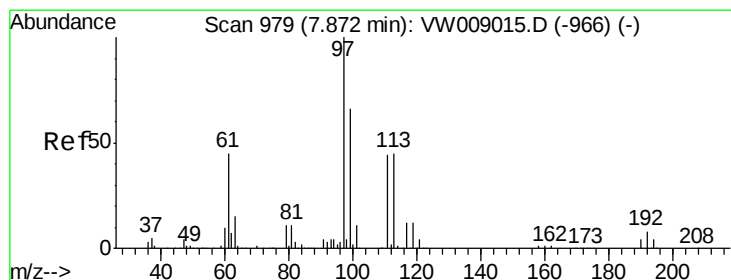
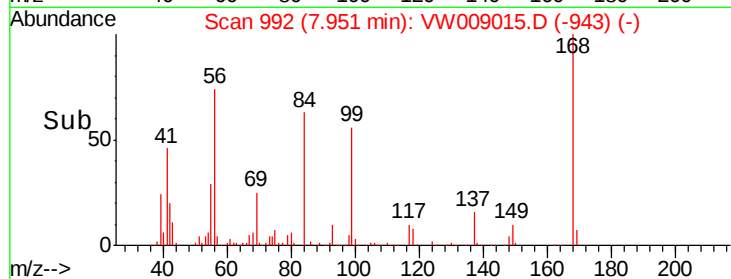
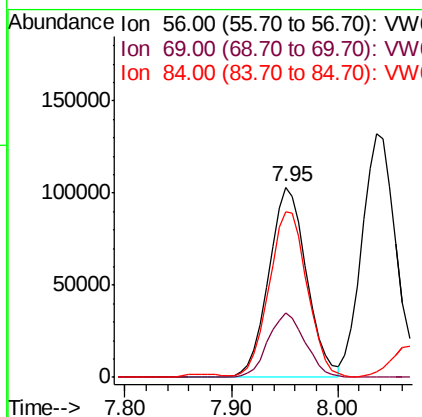
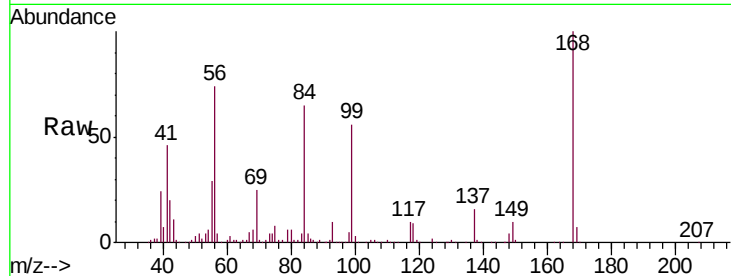
#31
Cyclohexane
Concen: 44.726 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.7	27.0	40.4
84	85.4	68.3	102.5

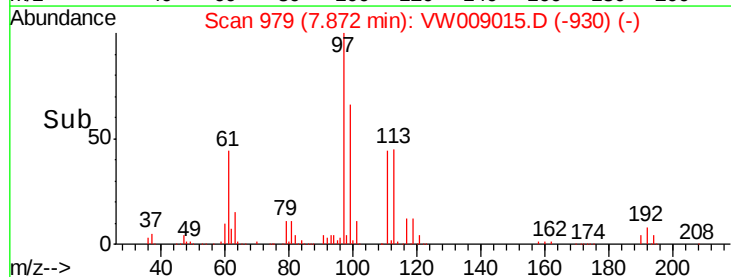
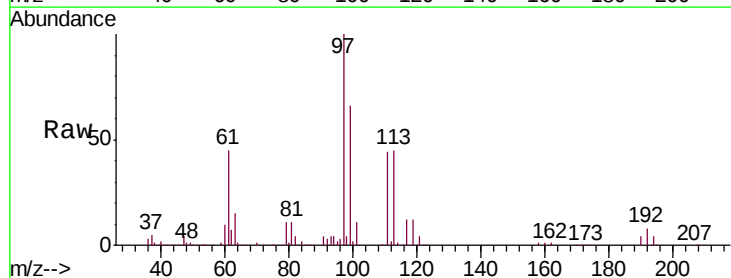
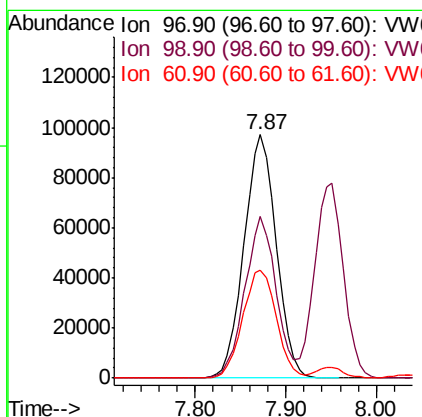
Manual Integrations
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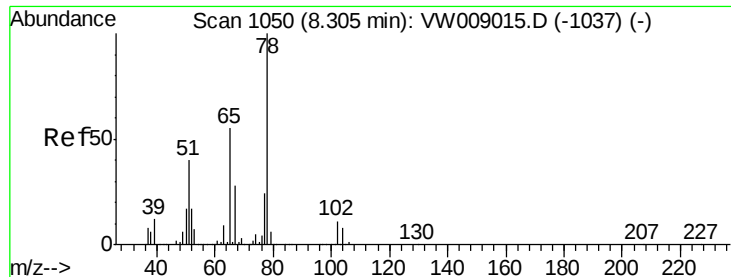
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#32
1,1,1-Trichloroethane
Concen: 45.924 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	46.7	37.4	56.0





#33

1,2-Dichloroethane-d4

Concen: 46.303 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 146424

Ion Ratio Lower Upper

65 100

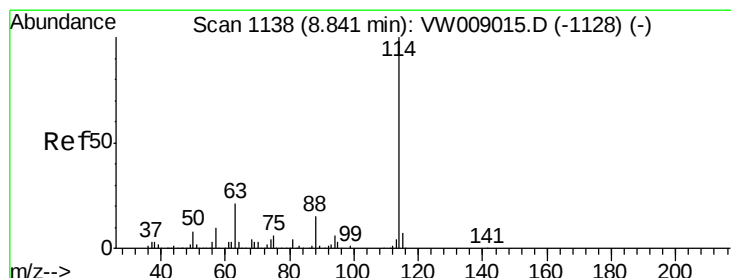
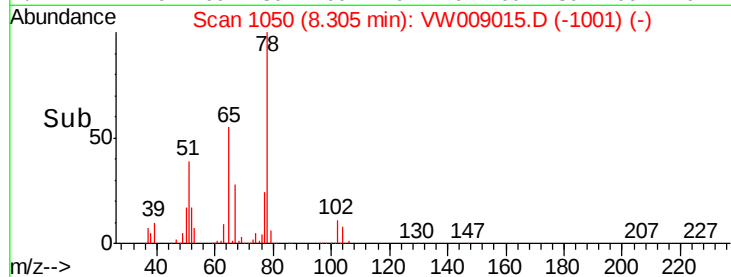
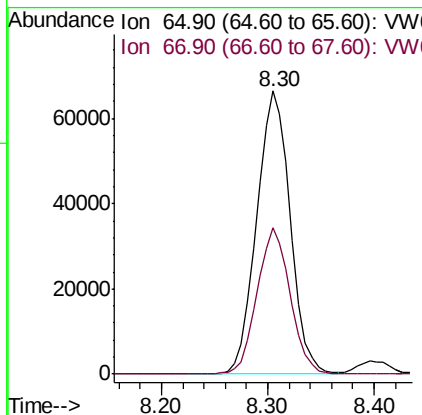
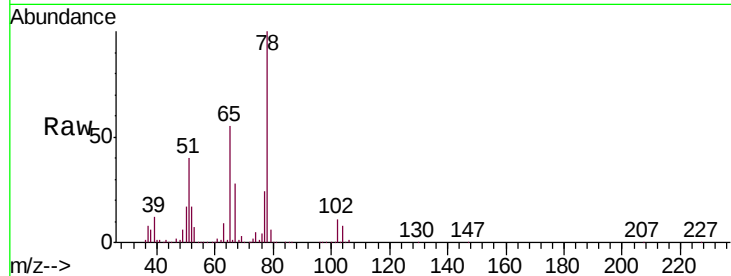
67 51.1 0.0 102.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

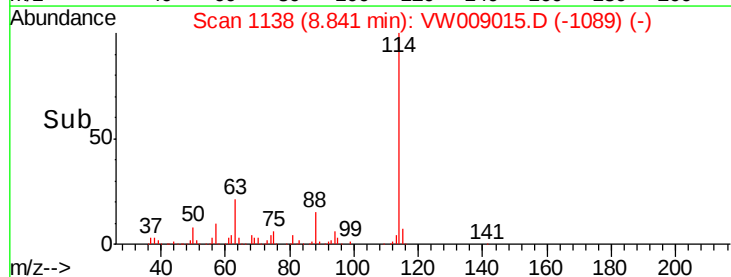
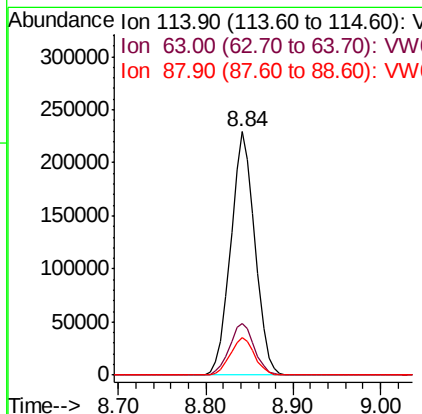
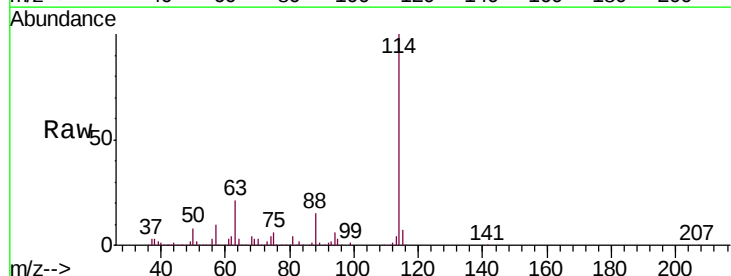
Tgt Ion: 114 Resp: 439663

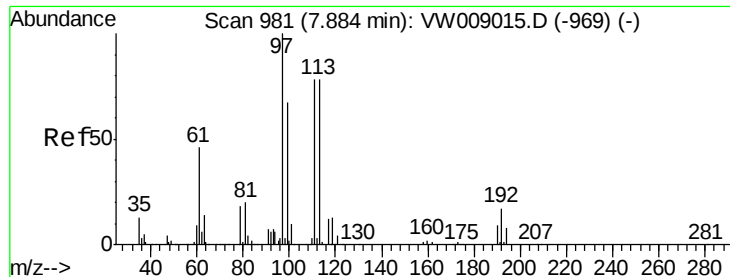
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.911 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

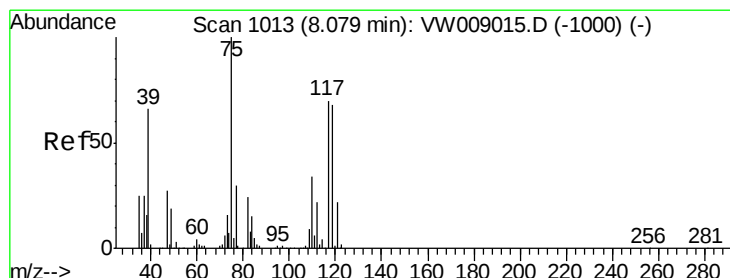
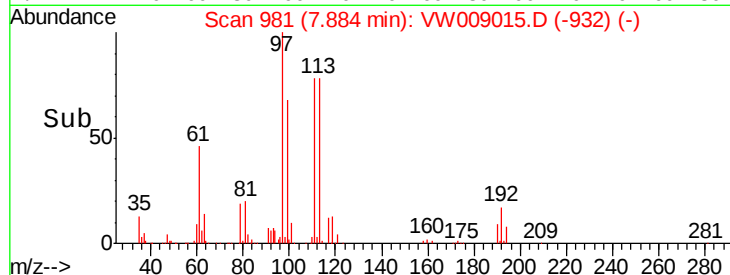
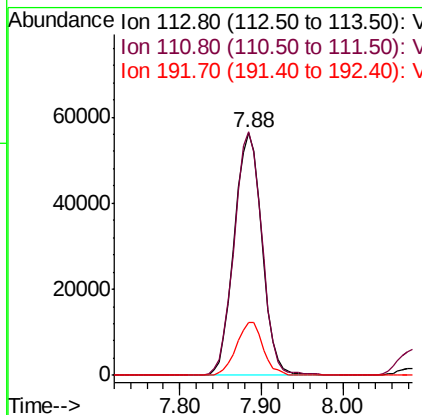
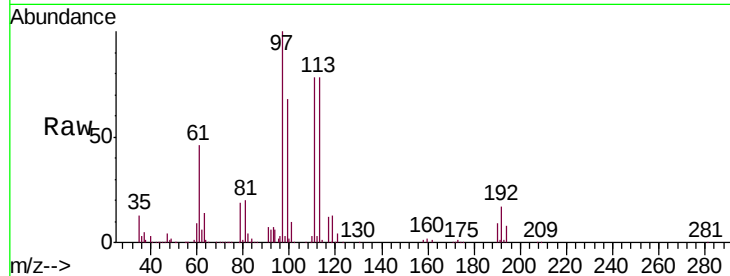
ClientSampleId :

VSTDICCC050

Tgt Ion:	113	Resp:	132101
Ion Ratio	Lower	Upper	
113	100		
111	100.6	80.5	120.7
192	20.9	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 48.179 ug/l

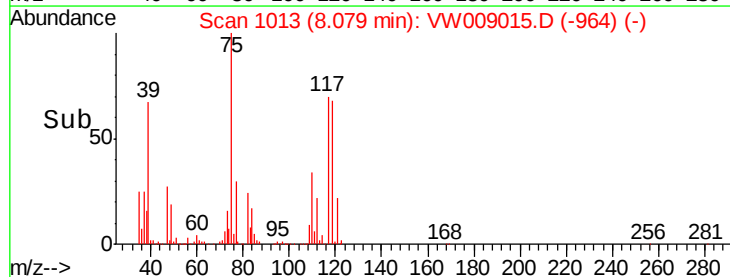
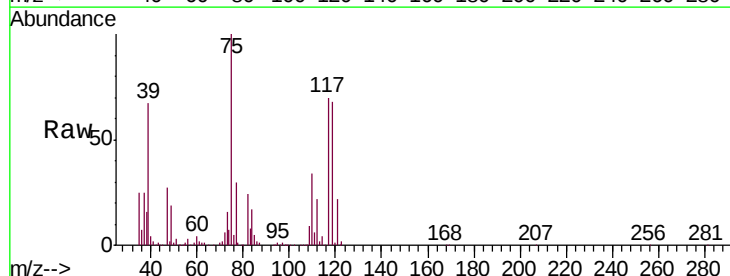
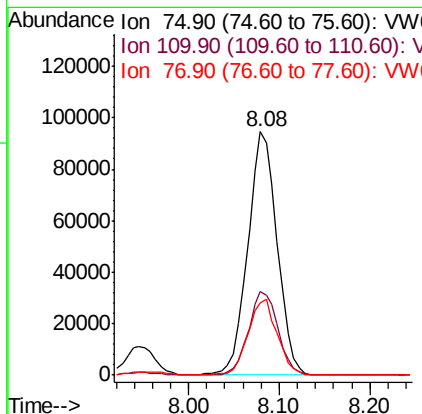
RT: 8.08 min Scan# 1013

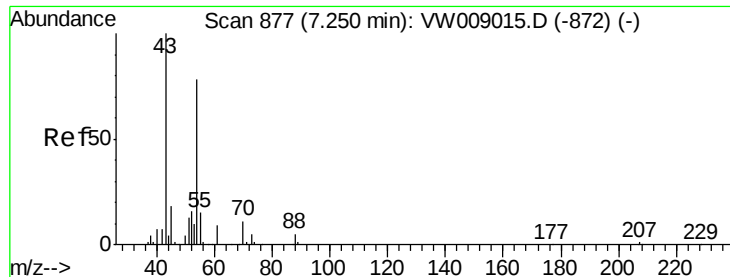
Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Tgt Ion:	75	Resp:	210625
Ion Ratio	Lower	Upper	
75	100		
110	34.6	17.3	51.9
77	31.0	24.8	37.2





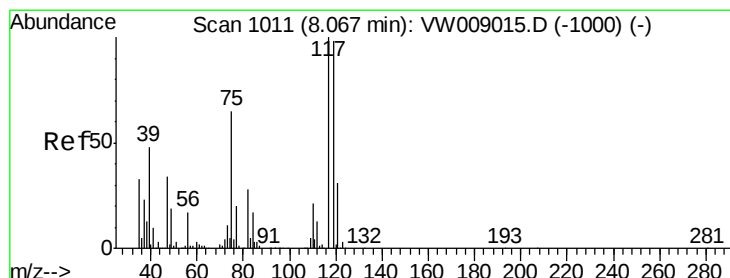
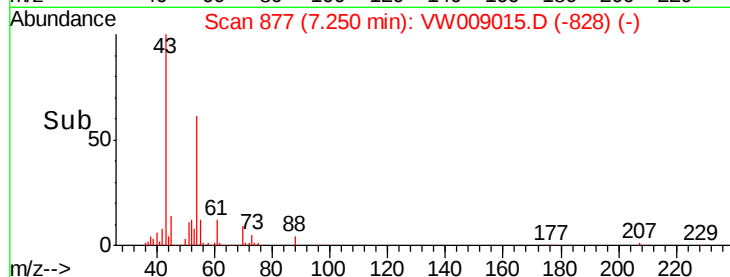
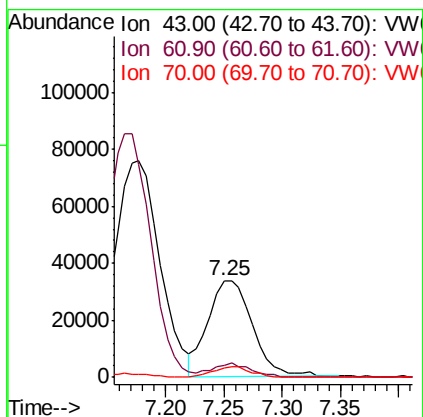
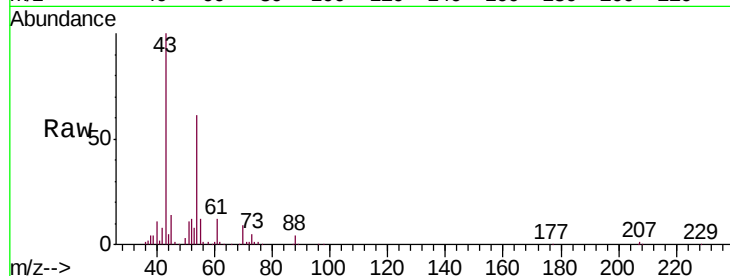
#37
Ethyl Acetate
Concen: 45.994 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.6	15.8
70	9.8	7.8	11.8

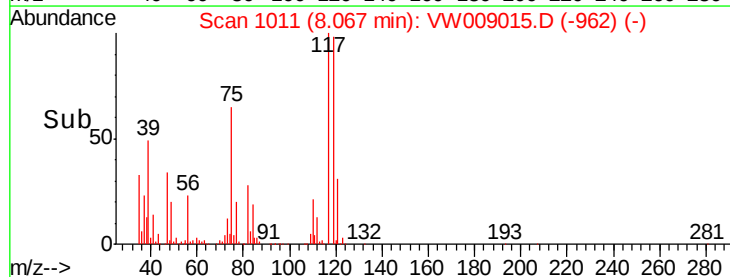
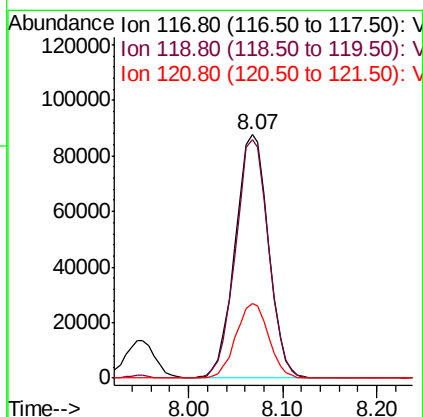
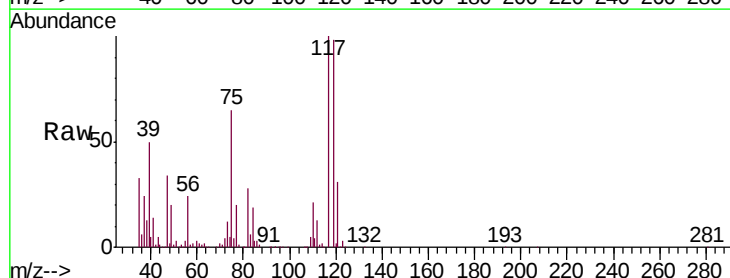
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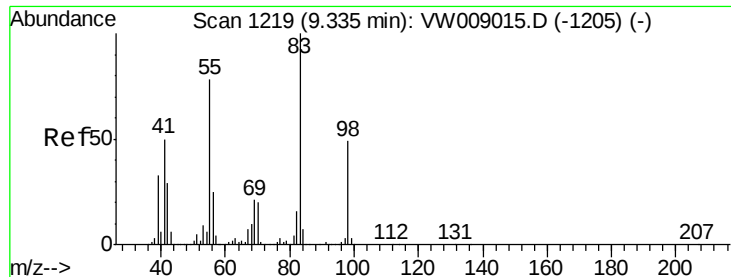
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#38
Carbon Tetrachloride
Concen: 47.817 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.4	117.6
121	30.9	24.7	37.1





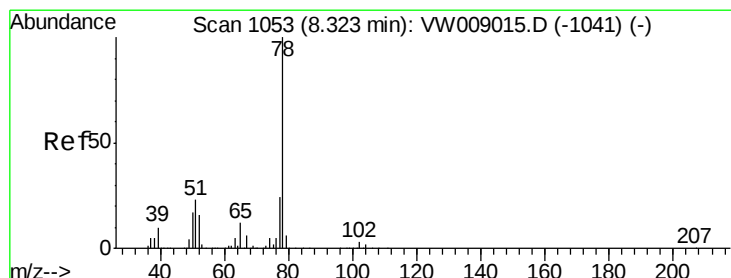
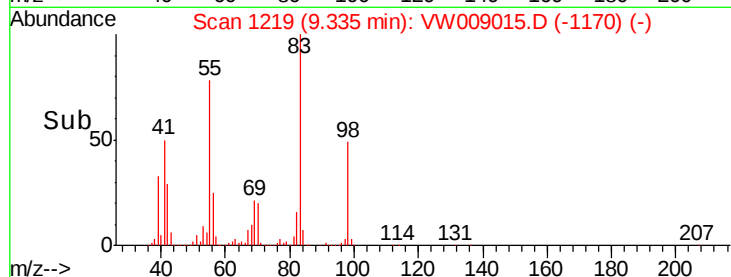
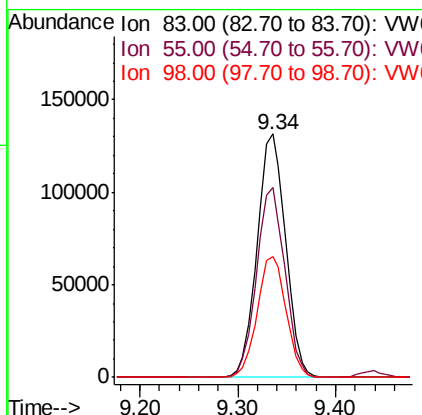
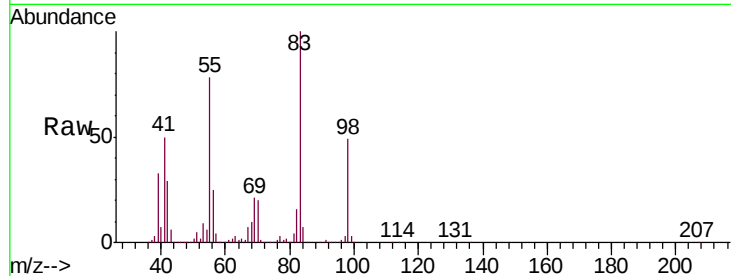
#39
Methylcyclohexane
Concen: 50.422 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.2	62.6	93.8
98	49.3	39.4	59.2

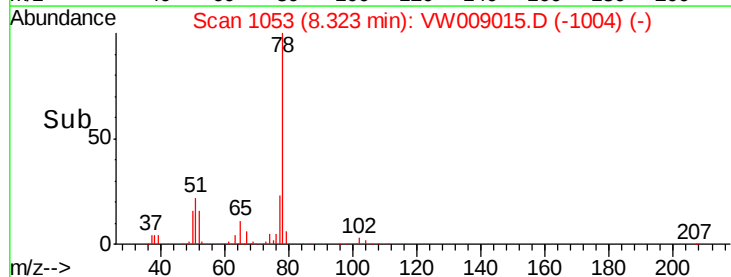
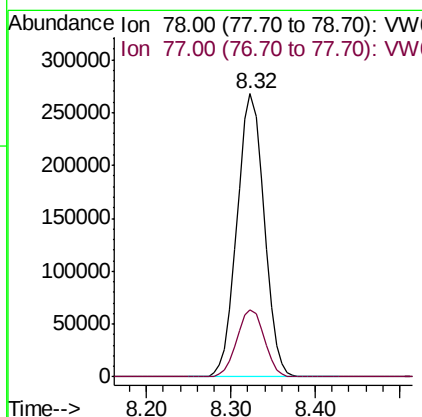
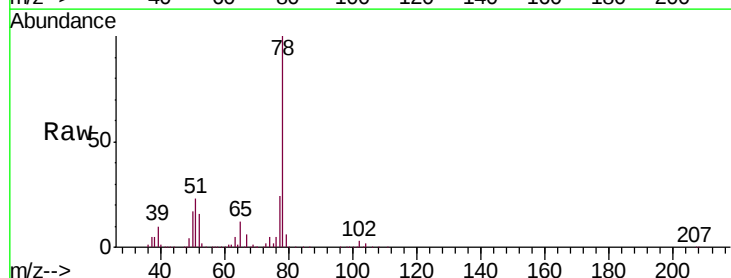
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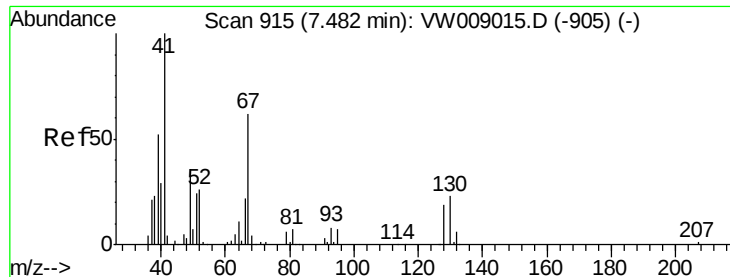
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#40
Benzene
Concen: 49.301 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





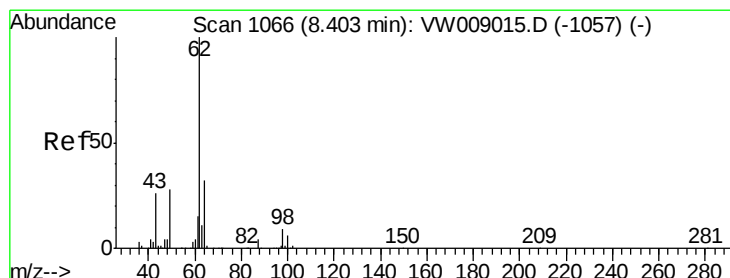
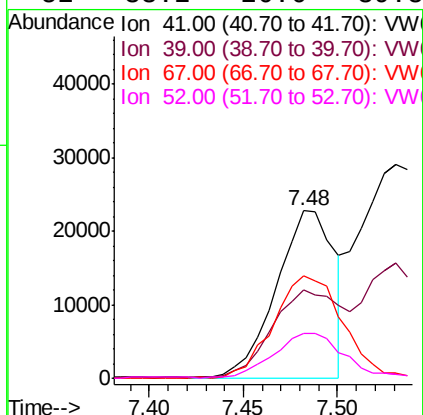
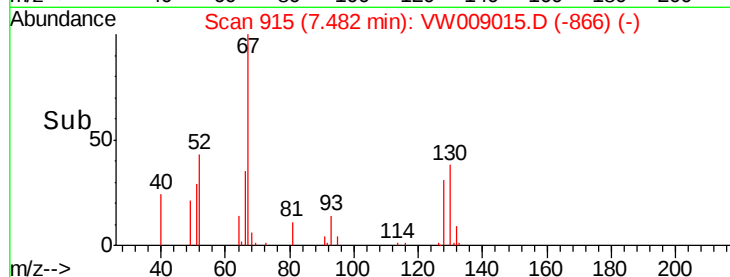
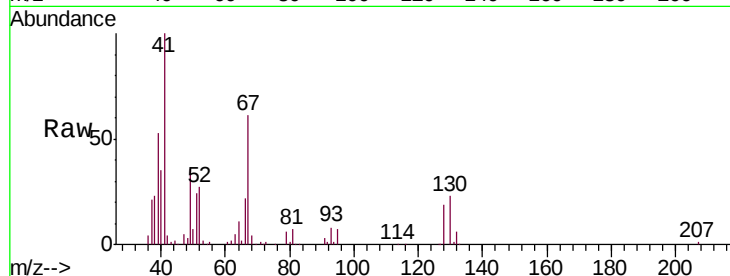
#41
Methacrylonitrile
Concen: 42.492 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.2	50.6	75.8
67	73.8	59.0	88.6
52	33.2	26.6	39.8

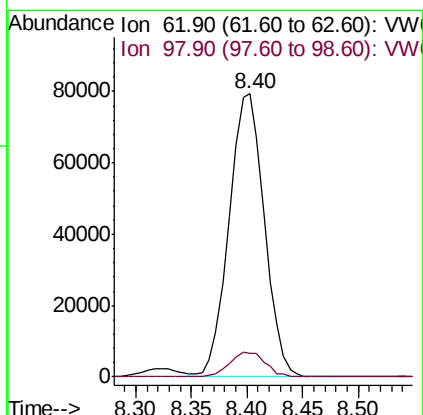
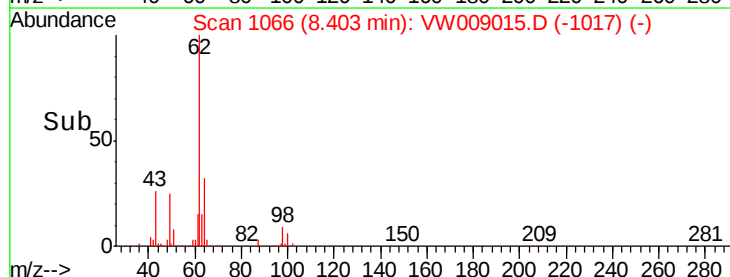
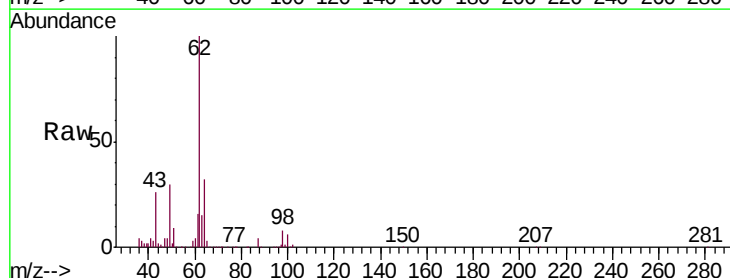
Manual Integrations
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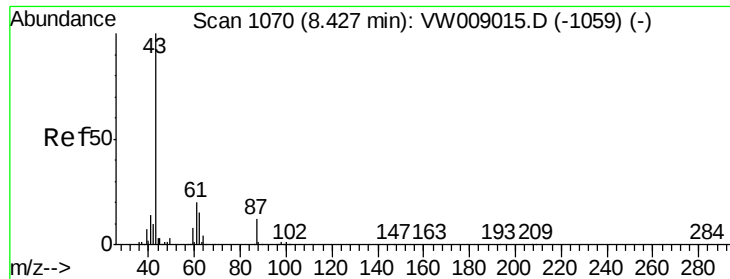
MMDadoda
3/8/2019 12:07:05 AM



#42
1,2-Dichloroethane
Concen: 45.890 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





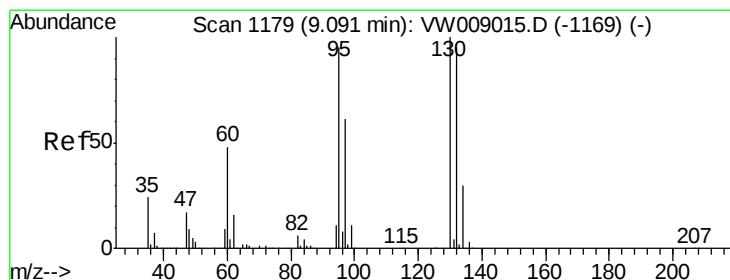
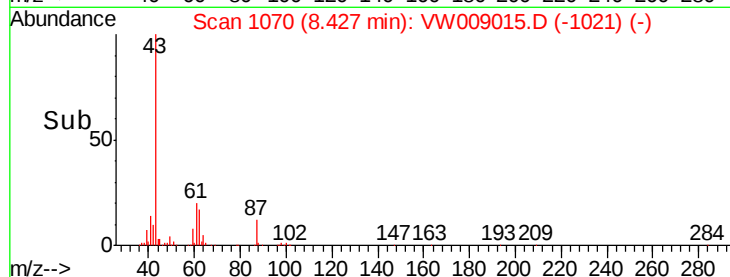
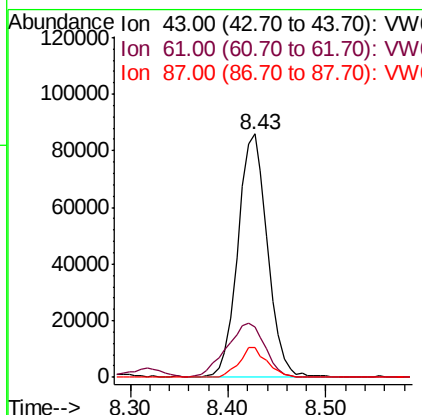
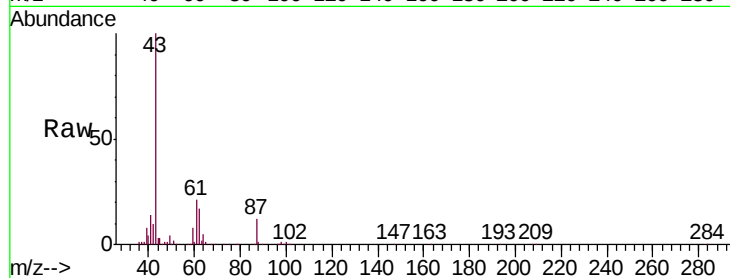
#43
Isopropyl Acetate
Concen: 47.095 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.4	23.5	35.3
87	11.8	9.4	14.2

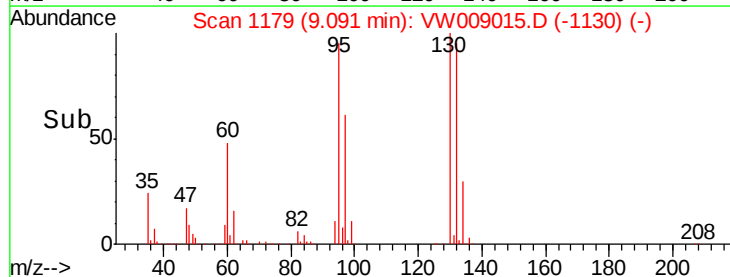
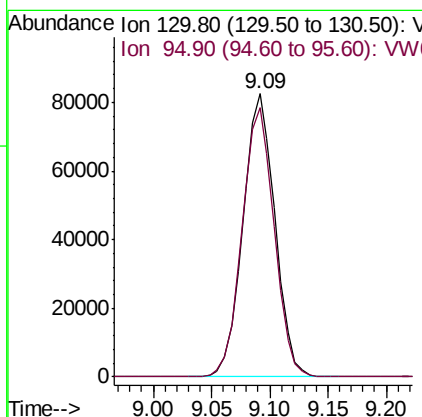
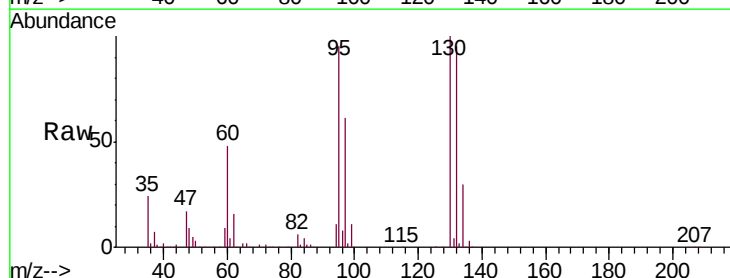
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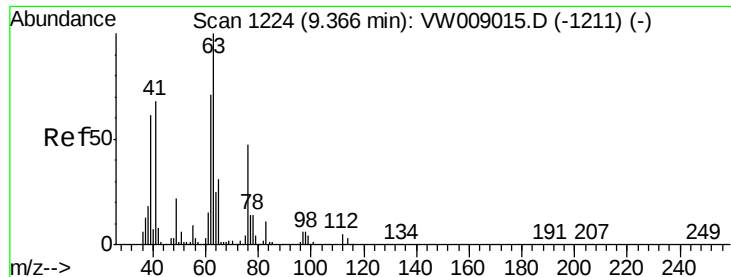
MMDadoda
3/8/2019 12:07:05 AM



#44
Trichloroethene
Concen: 47.975 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	190.0





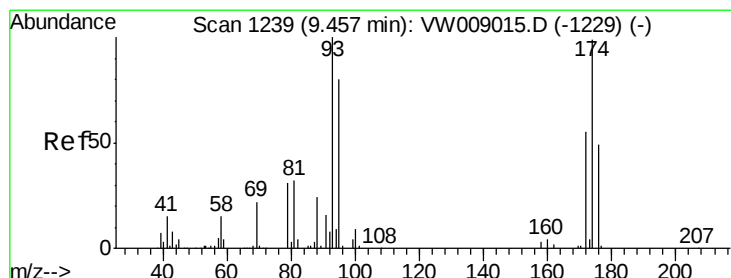
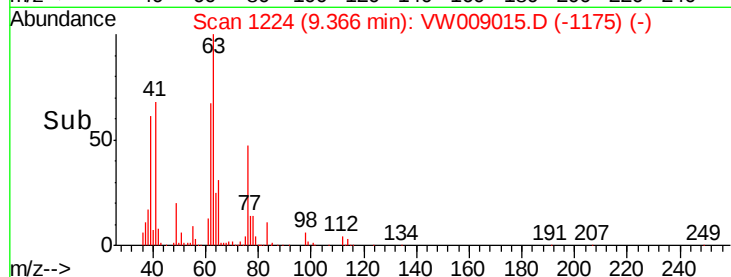
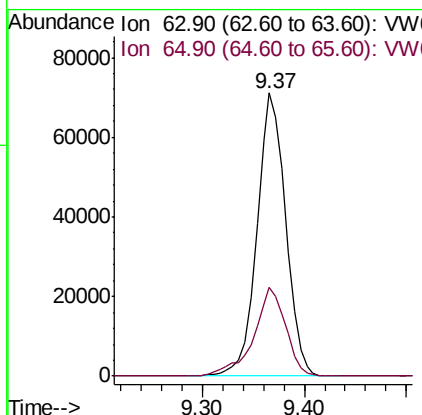
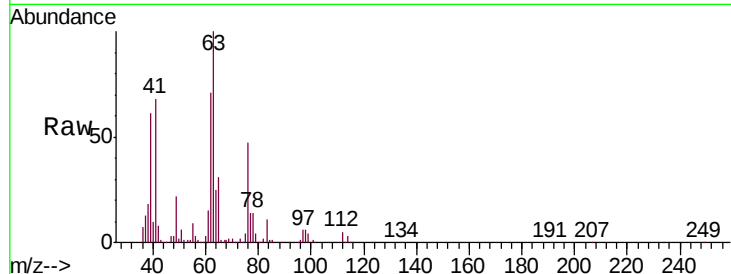
#45
 1,2-Dichloropropane
 Concen: 47.754 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 63 Resp: 139596
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4

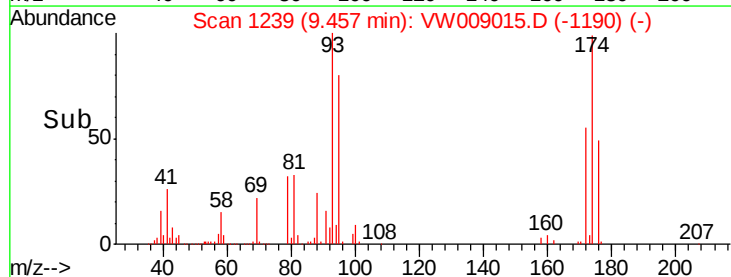
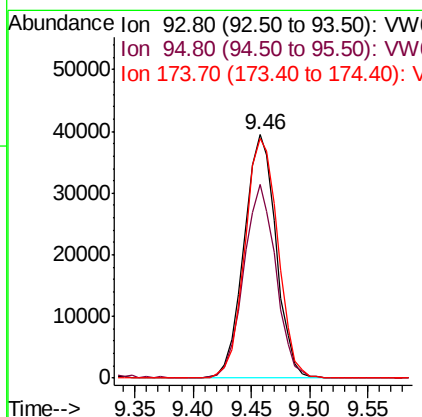
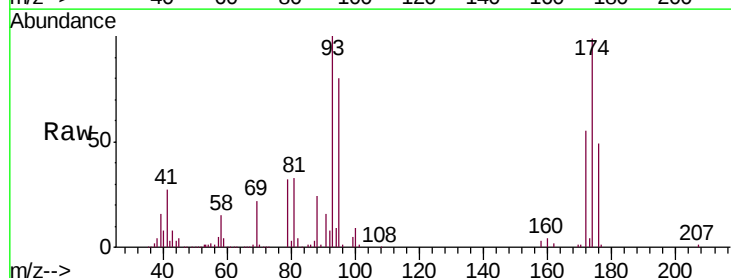
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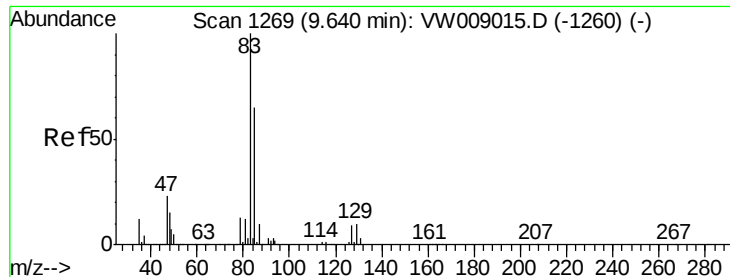
MMDadoda
 3/8/2019 12:07:05 AM



#46
 Dibromomethane
 Concen: 47.077 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Tgt Ion: 93 Resp: 75921
 Ion Ratio Lower Upper
 93 100
 95 80.1 64.1 96.1
 174 101.6 81.3 121.9





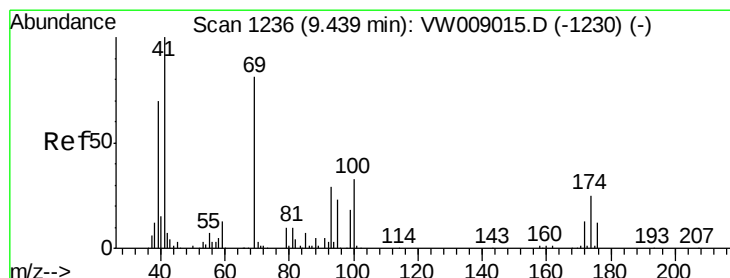
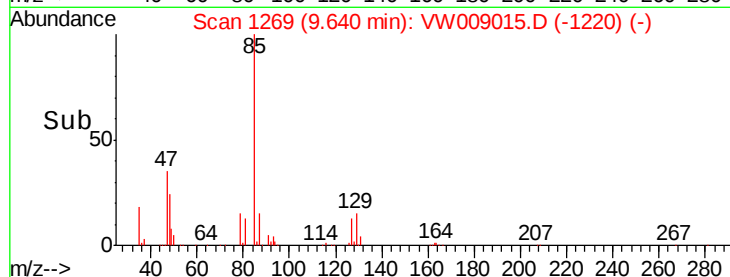
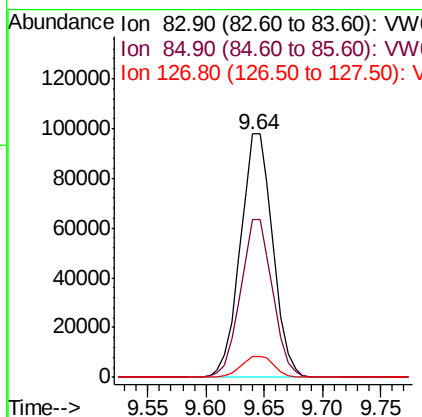
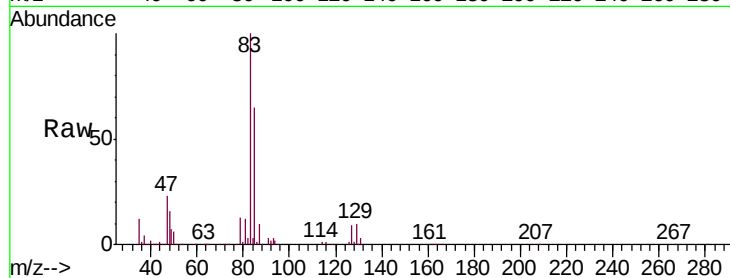
#47
Bromodichloromethane
Concen: 46.823 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.9	77.9
127	8.8	7.0	10.6

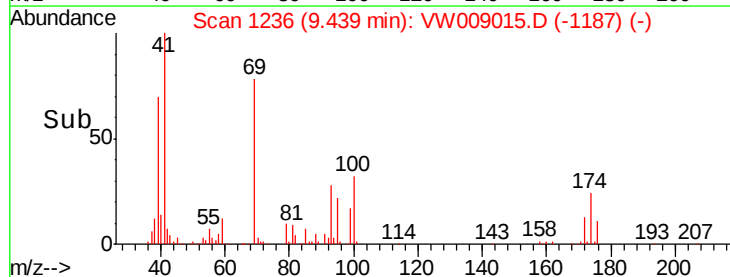
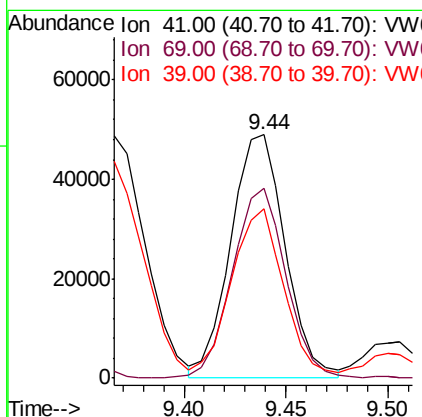
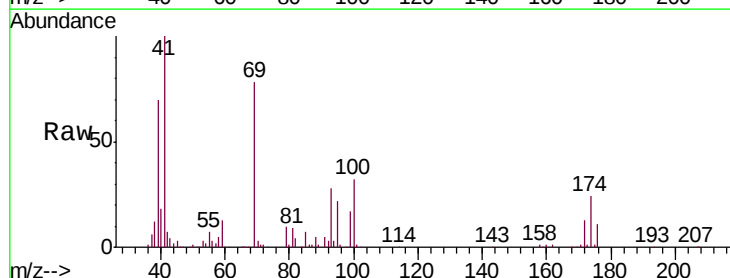
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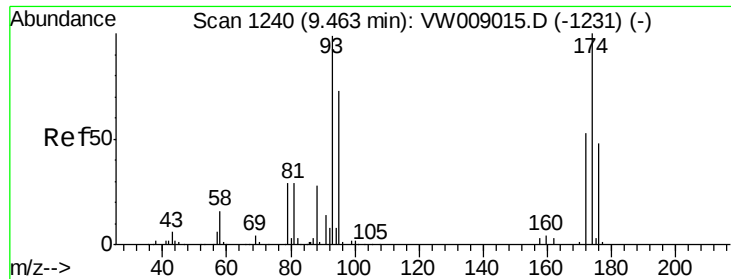
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#48
Methyl methacrylate
Concen: 50.332 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.2	61.8	92.6
39	63.1	50.5	75.7





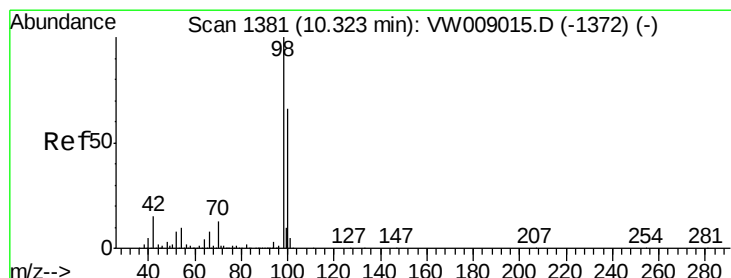
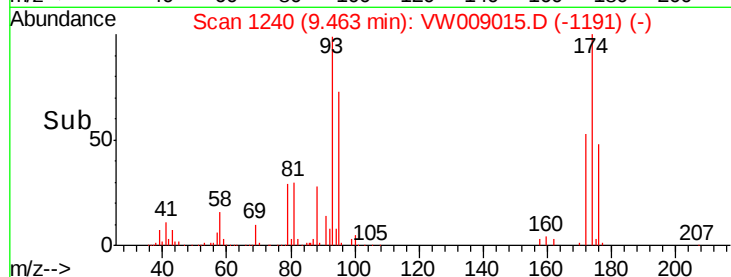
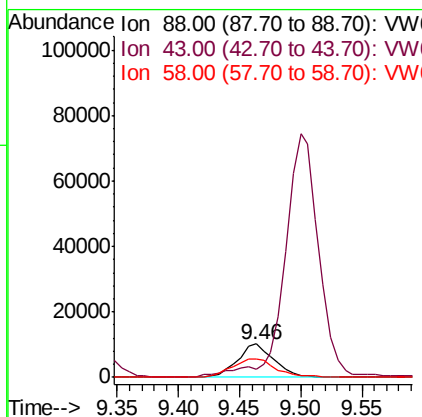
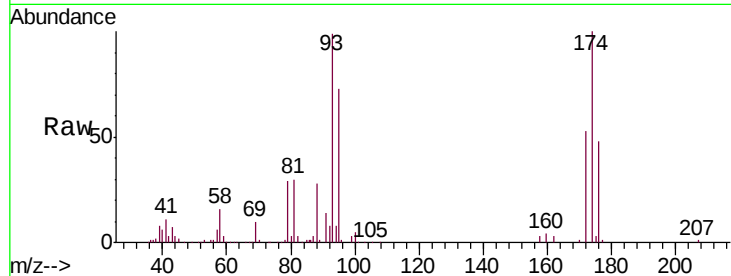
#49
1,4-Dioxane
Concen: 960.802 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	68.8	55.0	82.6

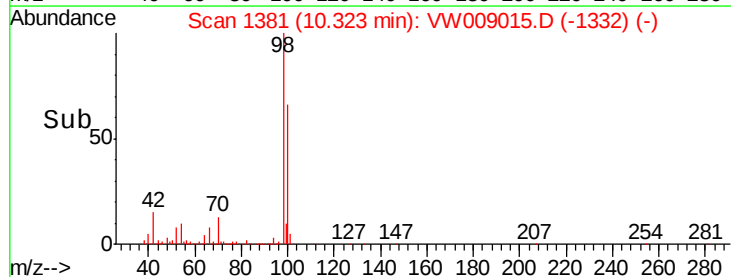
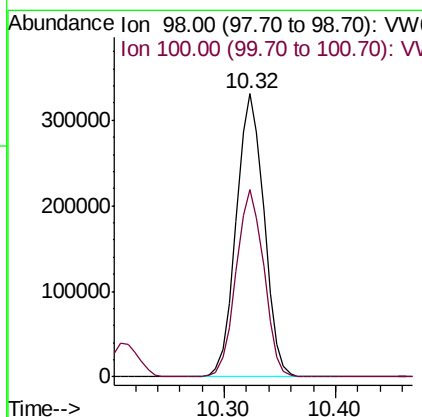
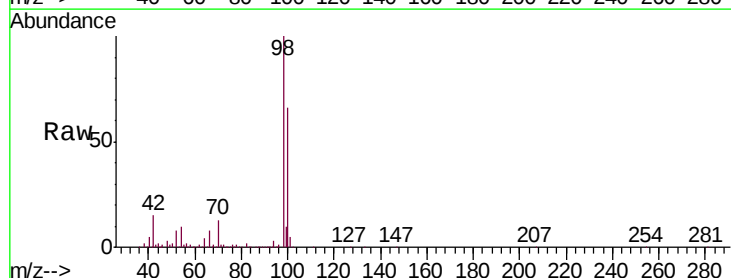
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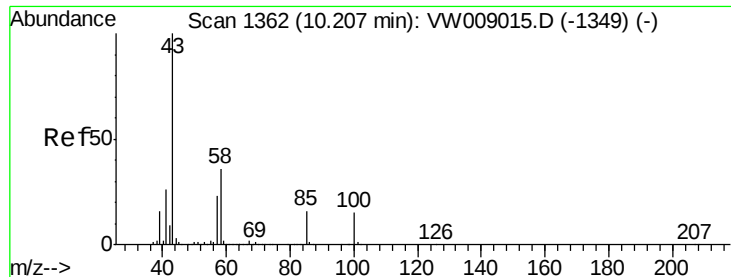
MMDadoda
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#50
Toluene-d8
Concen: 52.528 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3





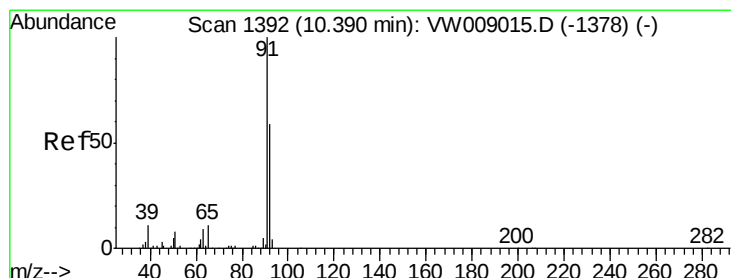
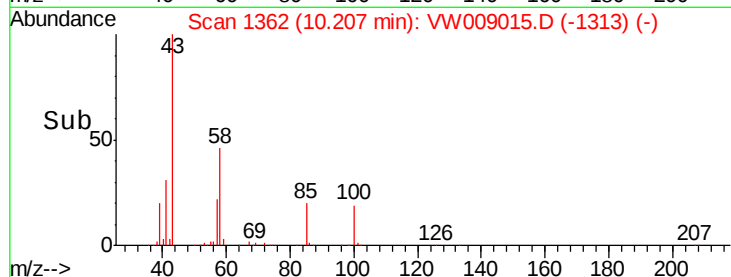
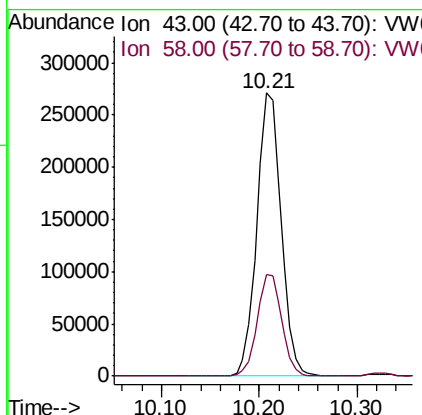
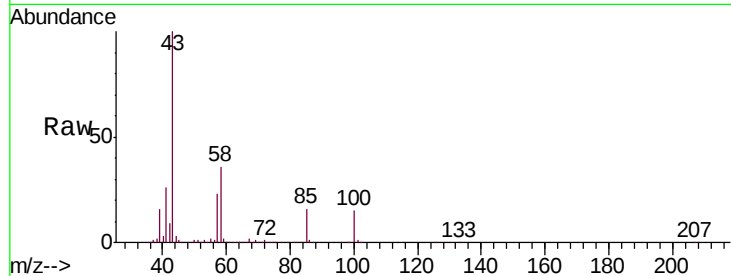
#51
 4-Methyl-2-Pentanone
 Concen: 245.838 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 472557
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.0 43.4

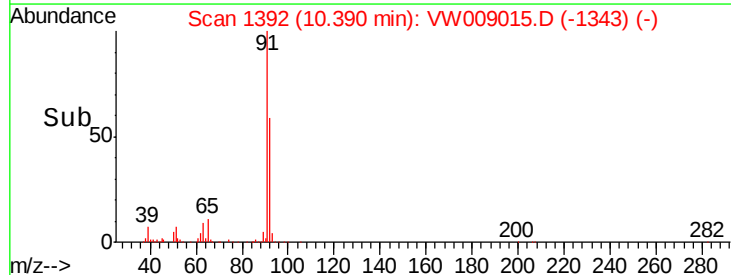
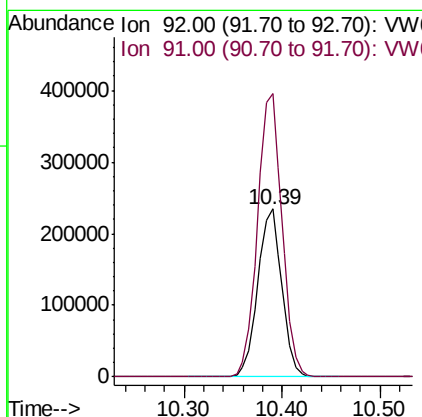
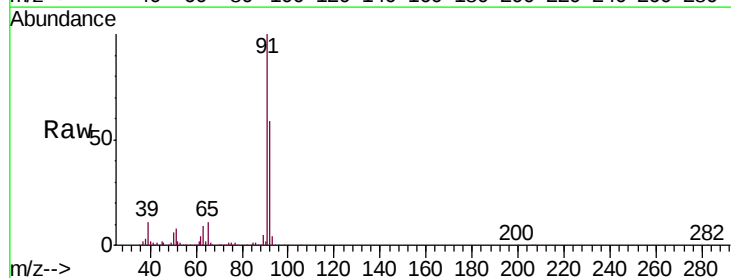
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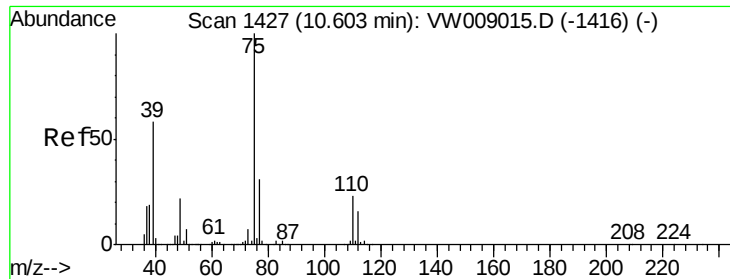
MMDadoda
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#52
 Toluene
 Concen: 50.423 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Tgt Ion: 92 Resp: 401381
 Ion Ratio Lower Upper
 92 100
 91 172.6 138.1 207.1





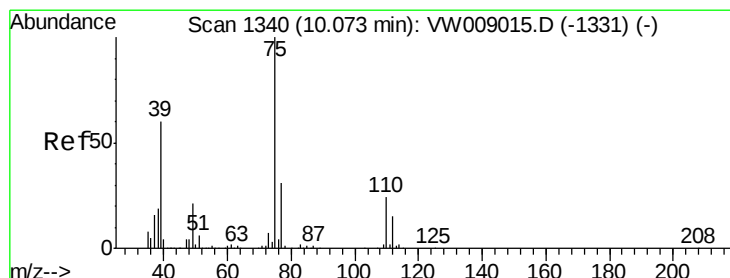
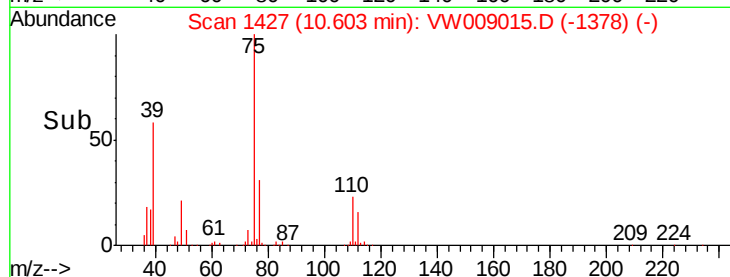
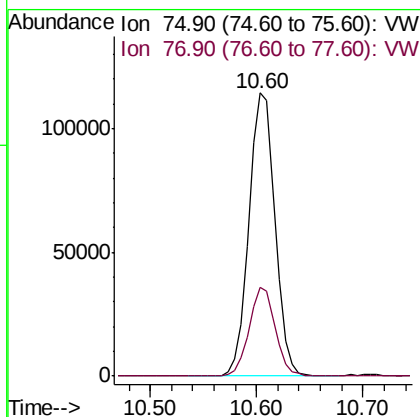
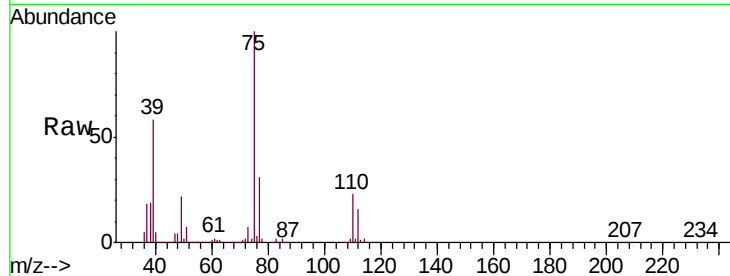
#53
 t-1,3-Dichloropropene
 Concen: 49.207 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 197340
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2

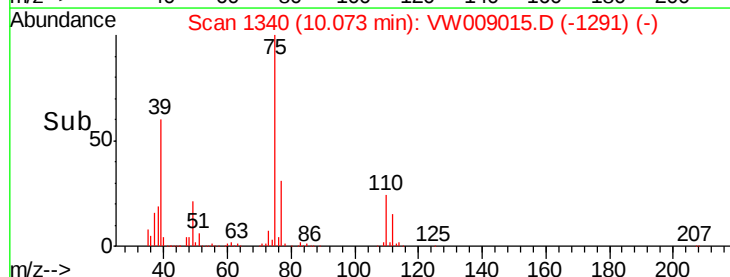
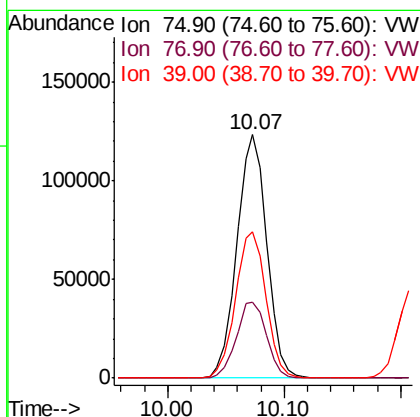
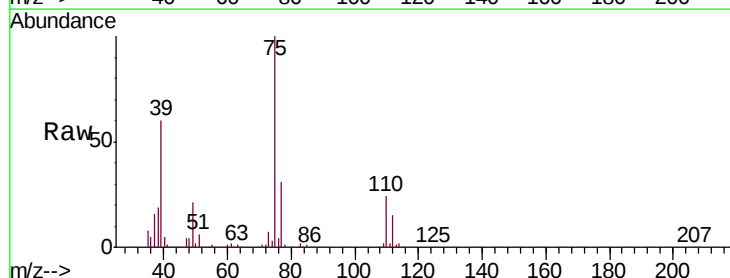
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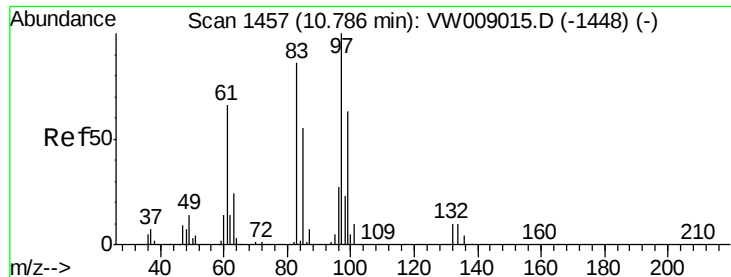
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#54
 cis-1,3-Dichloropropene
 Concen: 48.280 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Tgt Ion: 75 Resp: 221038
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4
 39 60.2 48.2 72.2





#55

1,1,2-Trichloroethane

Concen: 46.955 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

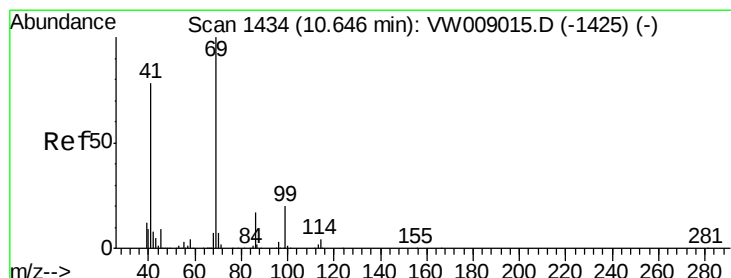
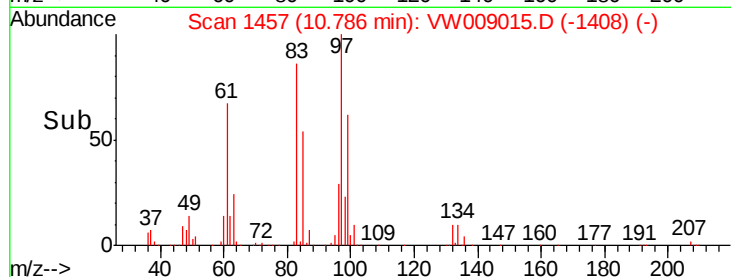
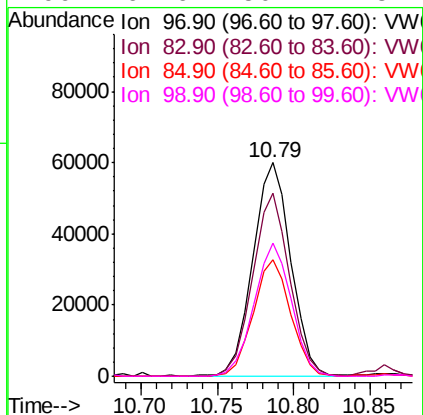
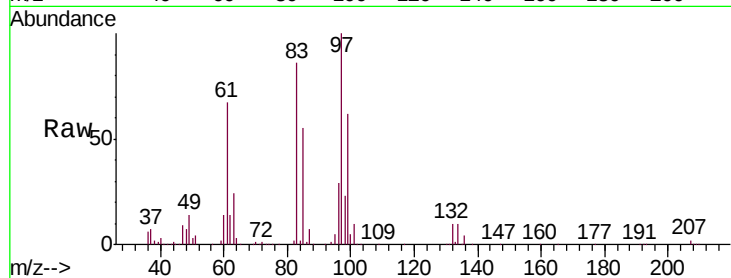
ClientSampleId :

VSTDICCC050

Tgt Ion:	97	Resp:	102849
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.8	103.2
85	54.6	43.7	65.5
99	62.6	50.1	75.1

Manual Integrations
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#56

Ethyl methacrylate

Concen: 50.587 ug/l

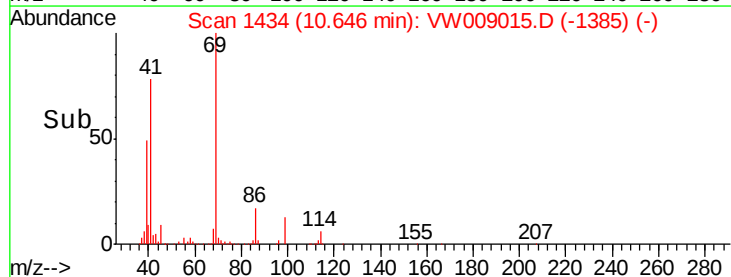
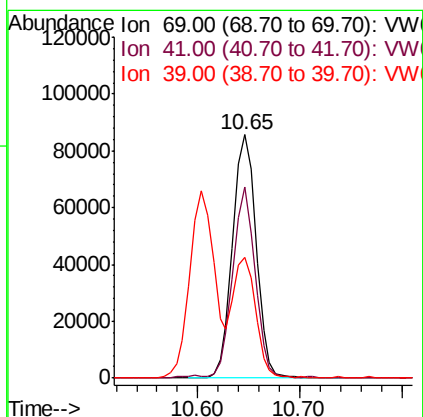
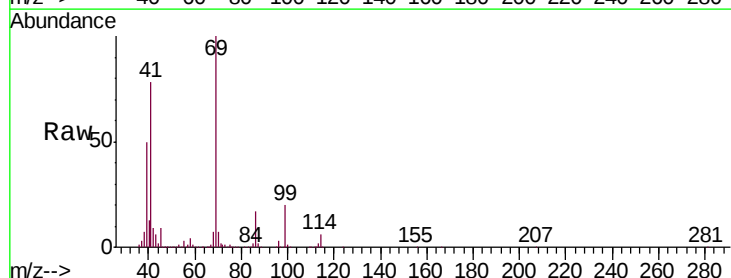
RT: 10.65 min Scan# 1434

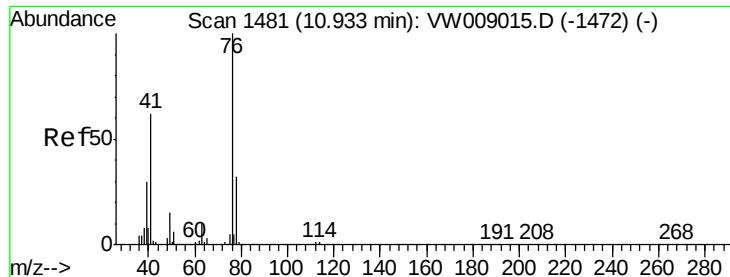
Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Tgt Ion:	69	Resp:	137062
Ion	Ratio	Lower	Upper
69	100		
41	73.6	58.9	88.3
39	47.0	37.6	56.4





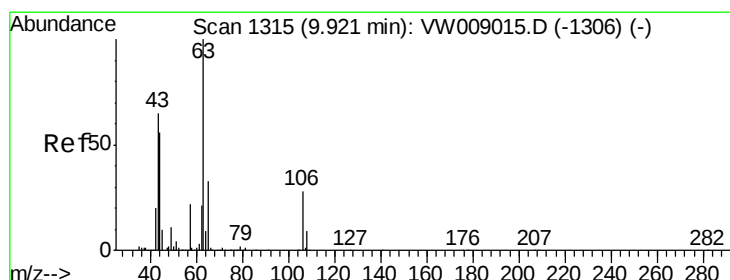
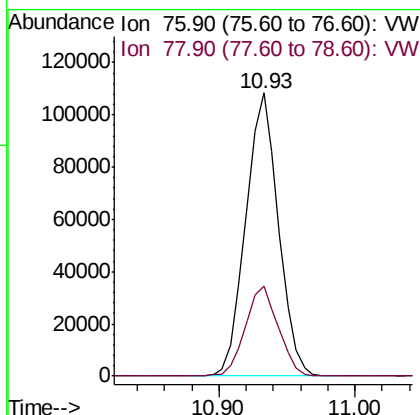
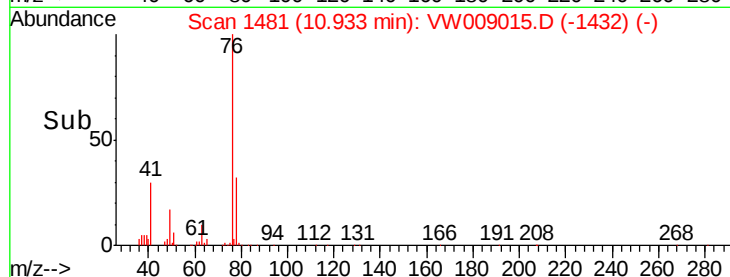
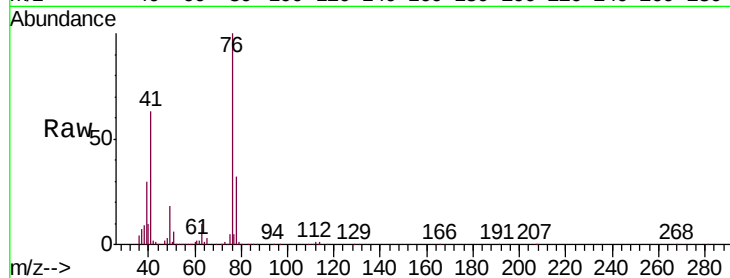
#57
 1,3-Dichloropropane
 Concen: 47.371 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 76 Resp: 182464
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4

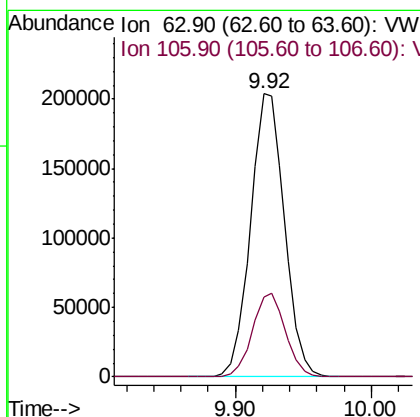
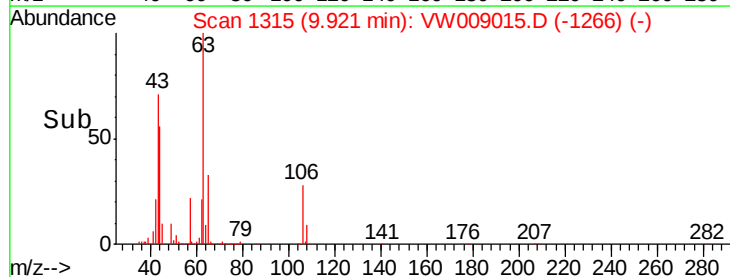
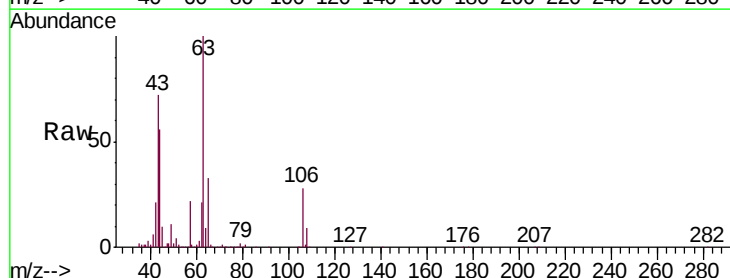
Manual Integrations
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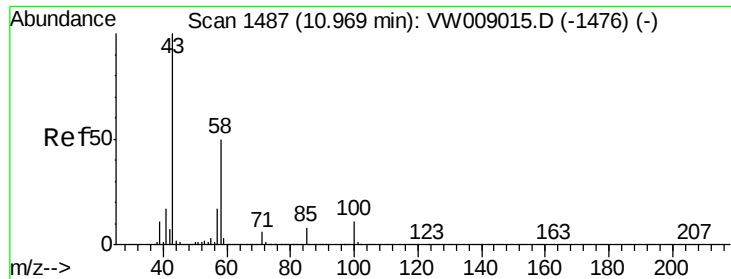
MMDadoda
 3/8/2019 12:07:05 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.855 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Tgt Ion: 63 Resp: 356339
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.0 34.6





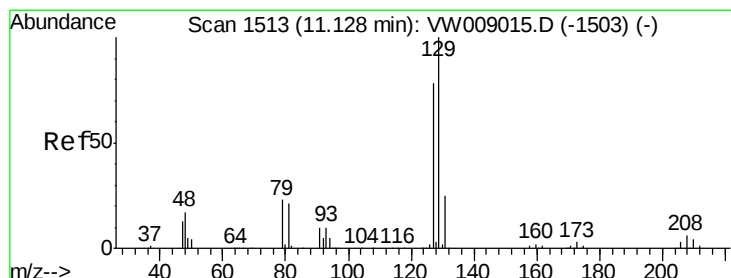
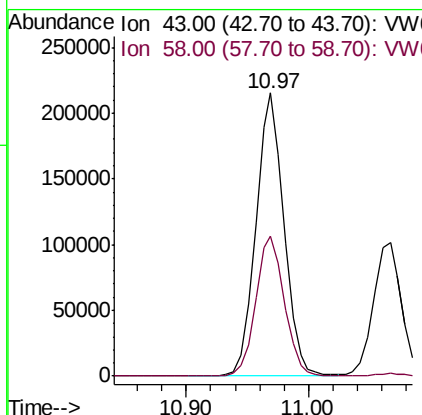
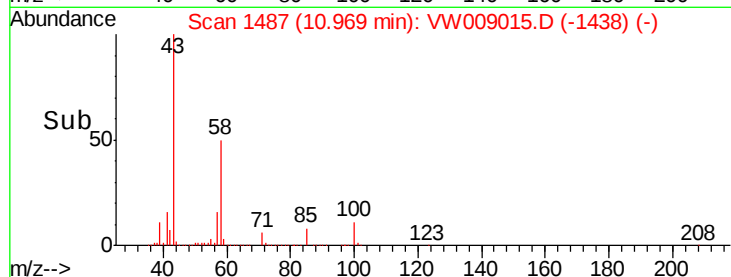
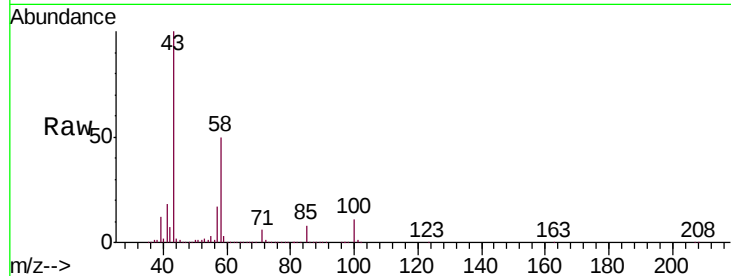
#59
2-Hexanone
Concen: 254.127 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 343409
Ion Ratio Lower Upper
43 100
58 50.5 25.3 75.8

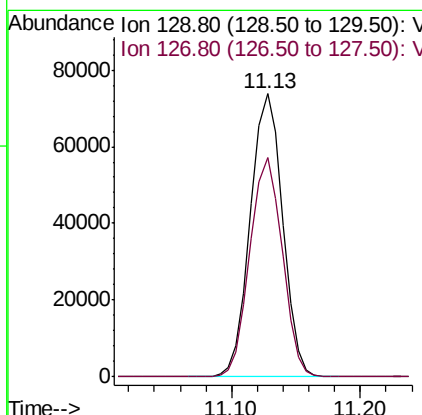
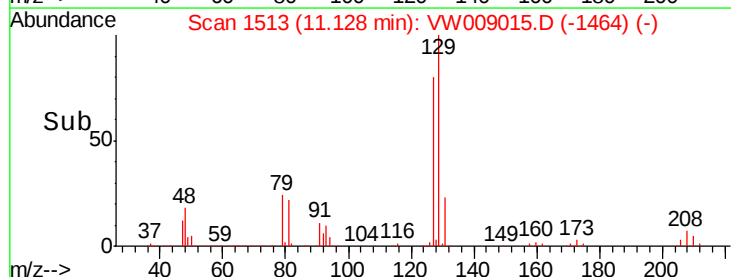
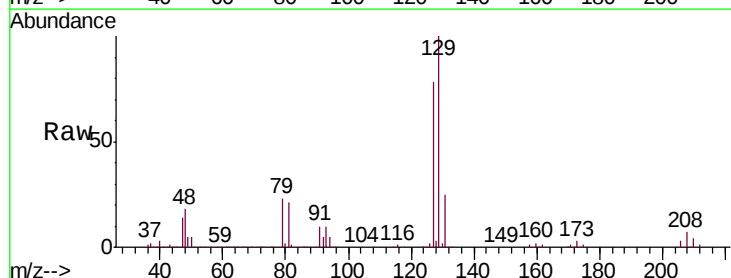
Manual Integrations
APPROVED

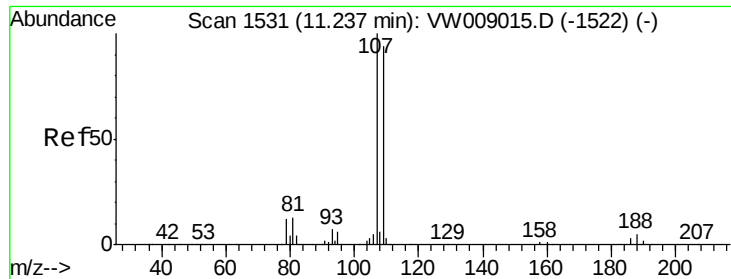
MMDadoda
3/8/2019 12:07:05 AM



#60
Dibromochloromethane
Concen: 48.058 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion: 129 Resp: 127858
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9





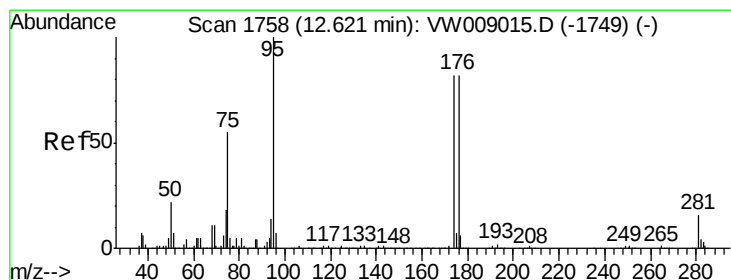
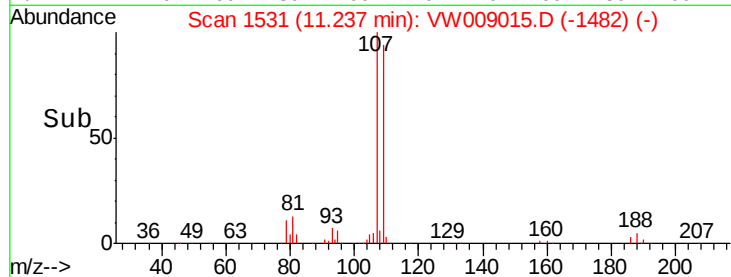
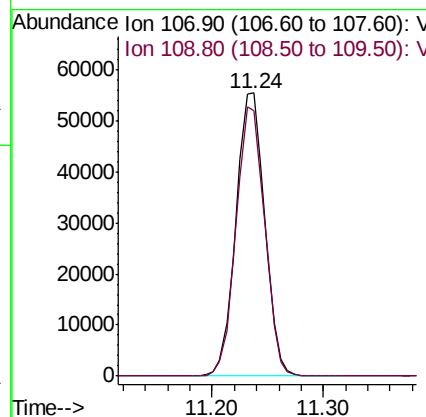
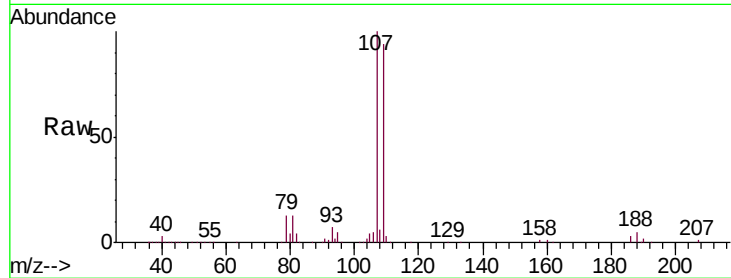
#61
 1,2-Dibromoethane
 Concen: 47.904 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 107 Resp: 99454
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.7 113.5

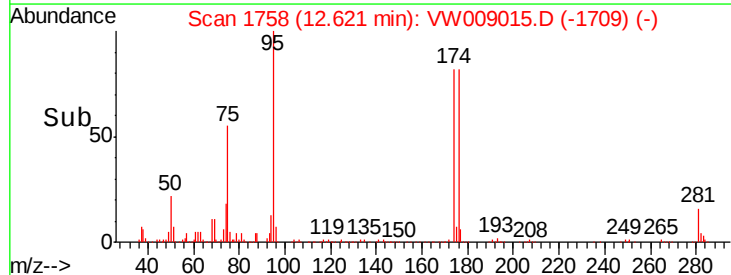
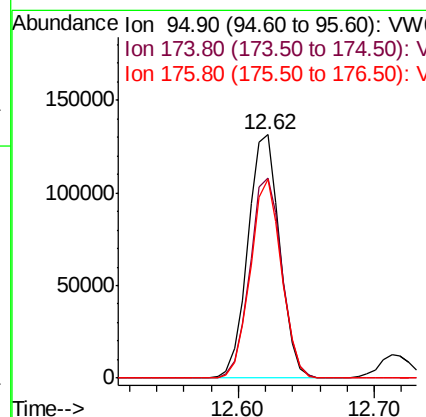
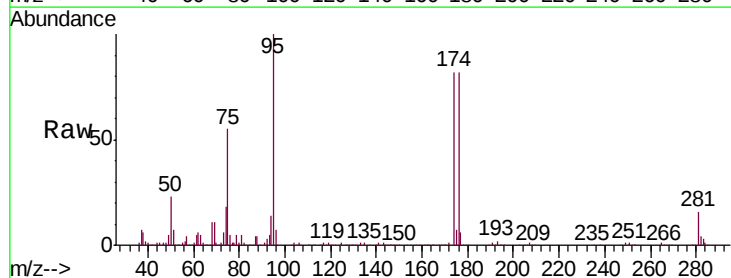
Manual Integrations
 APPROVED

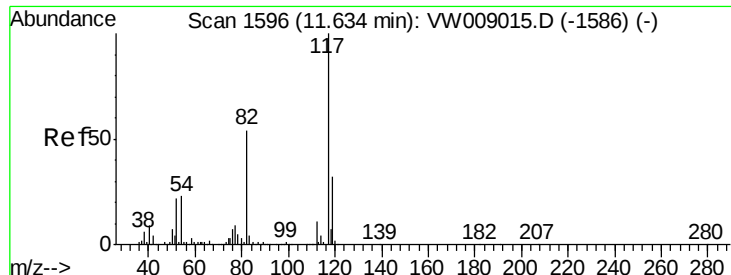
MMDadoda
 3/8/2019 12:07:05 AM



#62
 4-Bromofluorobenzene
 Concen: 51.188 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Tgt Ion: 95 Resp: 215021
 Ion Ratio Lower Upper
 95 100
 174 82.9 0.0 165.8
 176 79.9 0.0 159.8





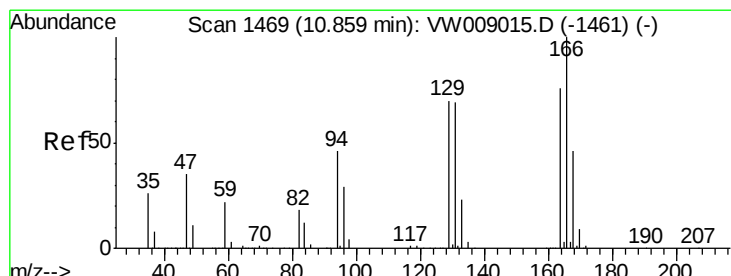
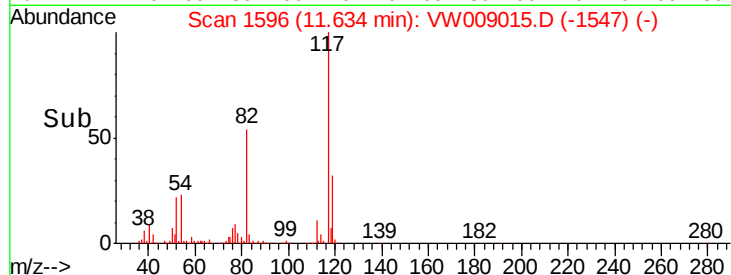
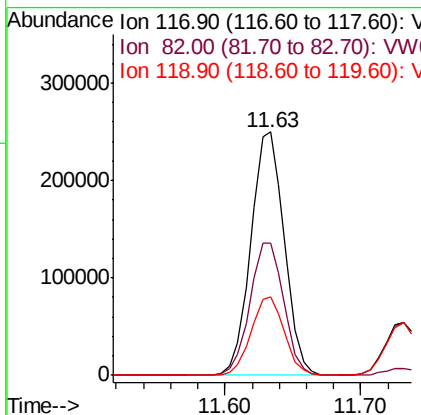
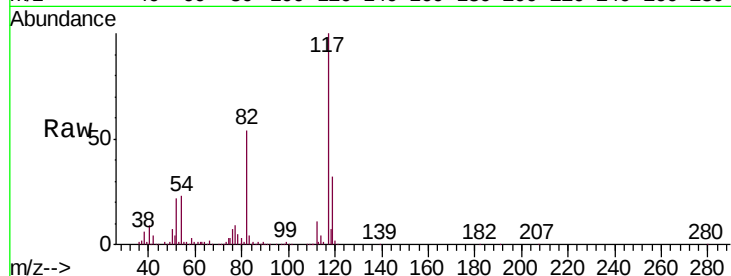
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.4	65.2
119	32.3	25.8	38.8

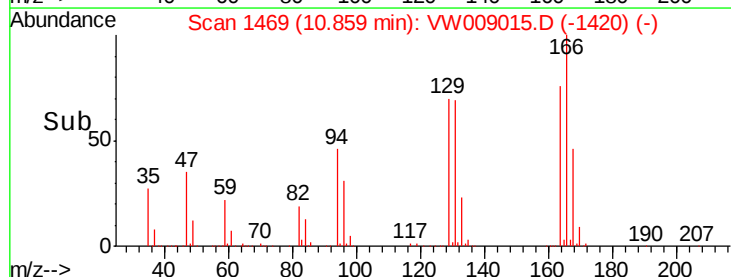
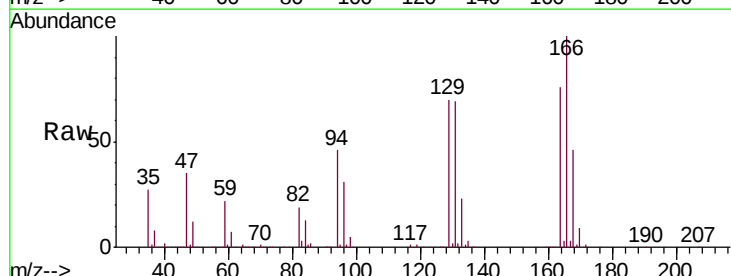
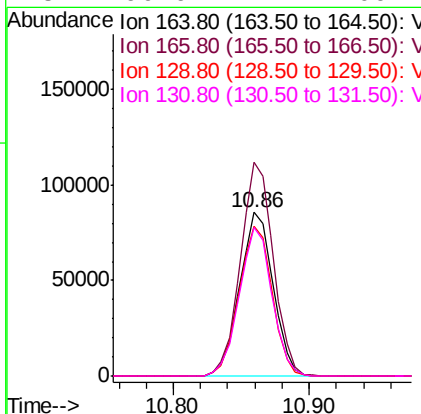
Manual Integrations
APPROVED

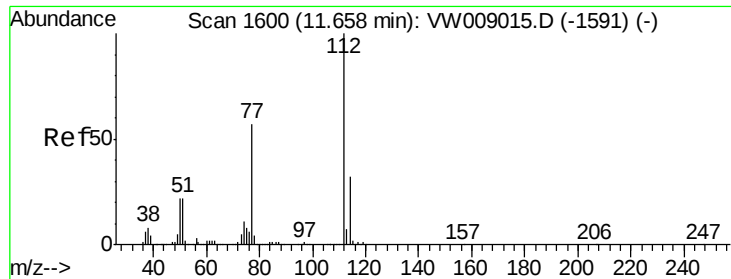
MMDadoda
3/8/2019 12:07:05 AM



#64
Tetrachloroethene
Concen: 49.491 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	104.6	157.0
129	91.8	73.4	110.2
131	90.9	72.7	109.1





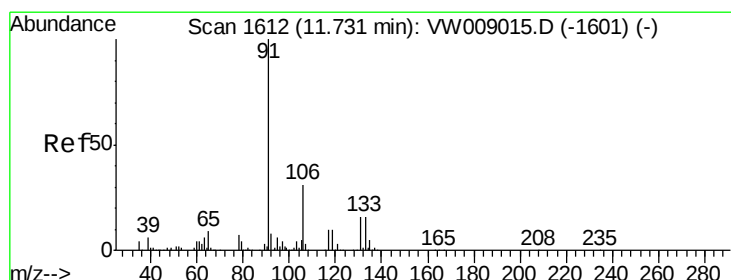
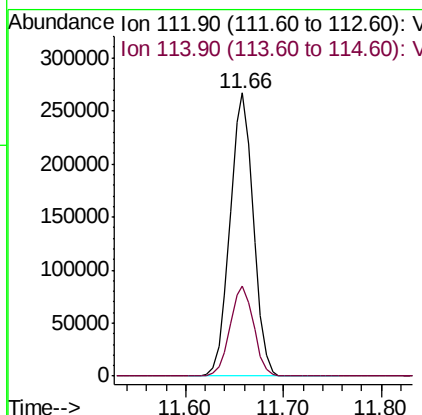
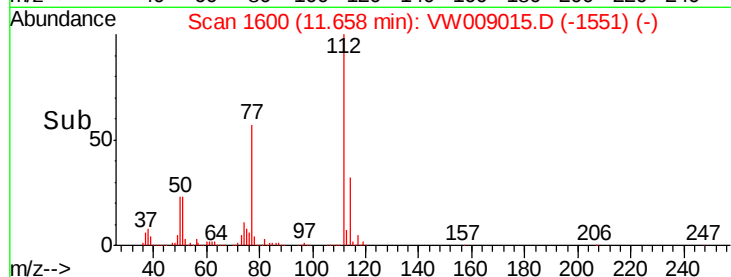
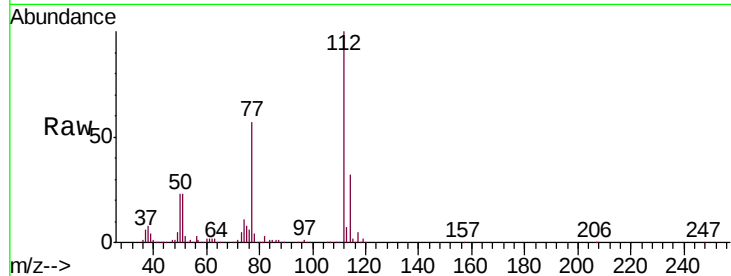
#65
Chlorobenzene
Concen: 49.232 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 440137
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

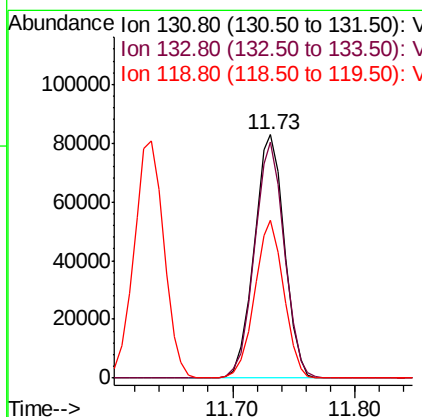
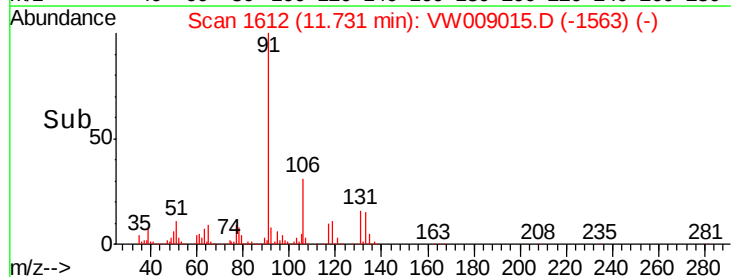
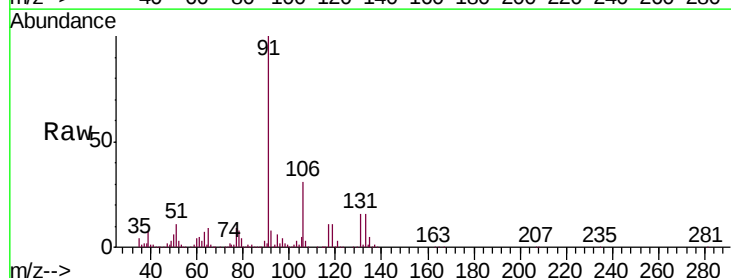
Manual Integrations
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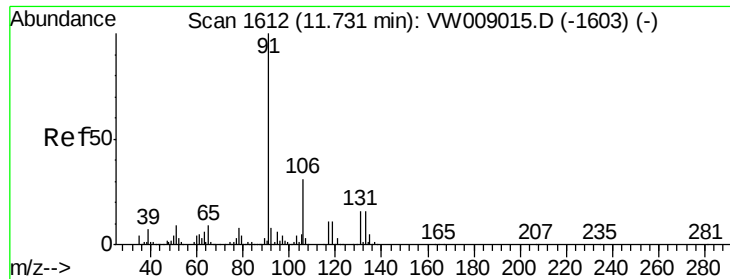
MMDadoda
3/8/2019 12:07:05 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.440 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion:131 Resp: 142433
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 62.3 31.1 93.5





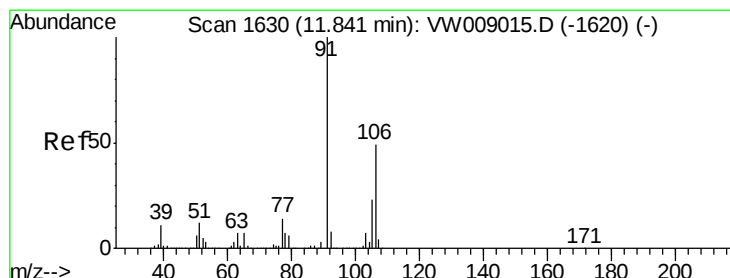
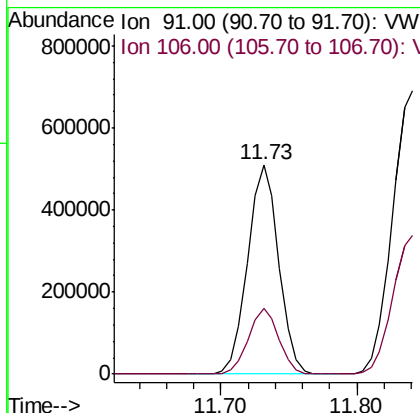
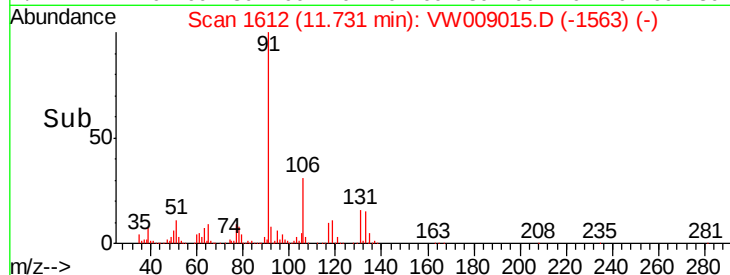
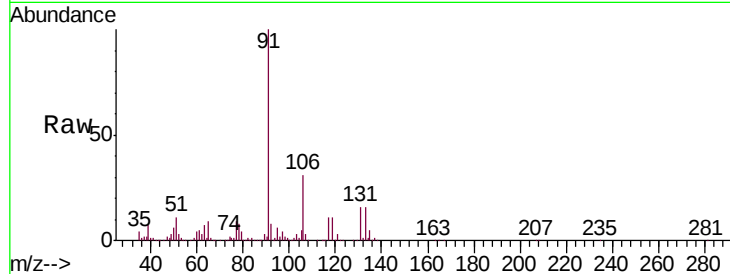
#67
Ethyl Benzene
Concen: 50.237 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 814312
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8

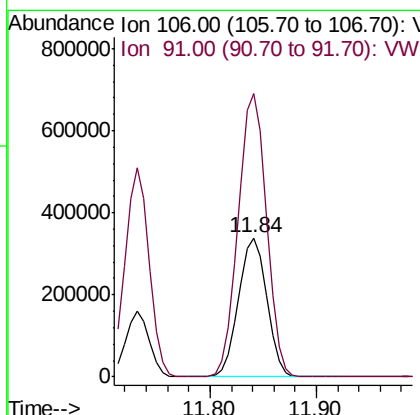
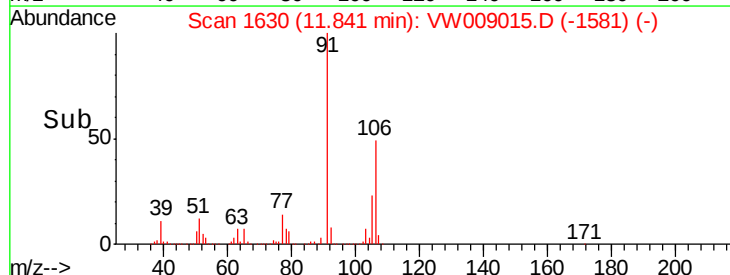
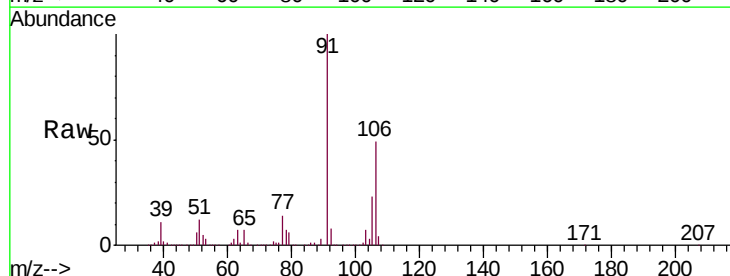
Manual Integrations
APPROVED

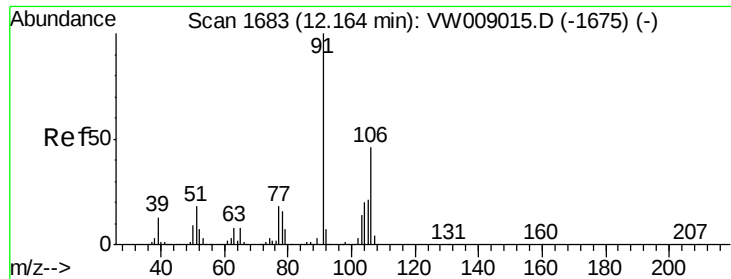
MMDadoda
3/8/2019 12:07:05 AM



#68
m/p-Xylenes
Concen: 99.342 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion: 106 Resp: 635383
Ion Ratio Lower Upper
106 100
91 203.6 162.9 244.3





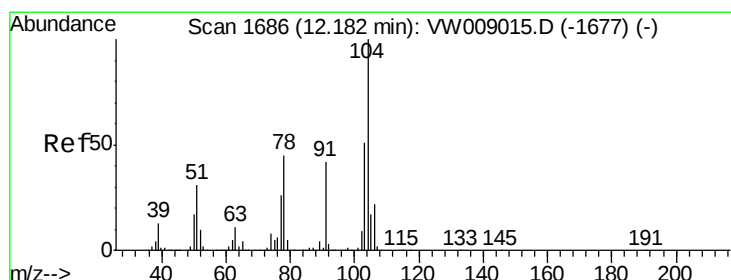
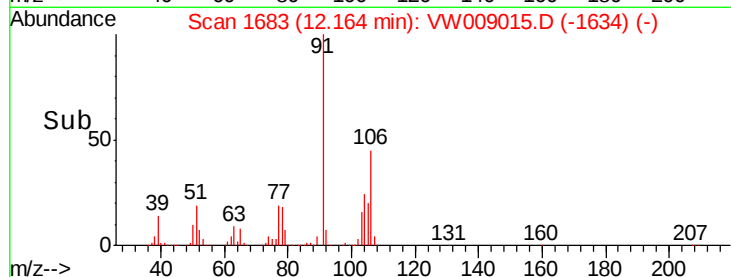
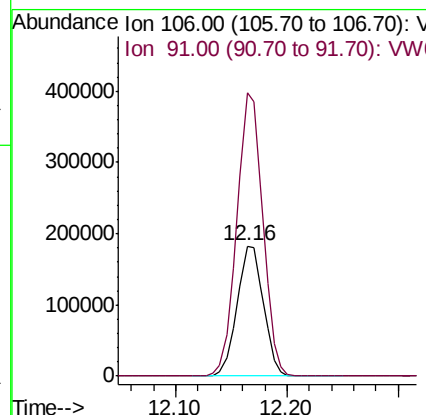
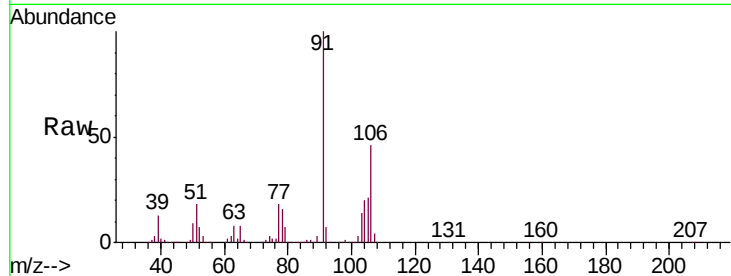
#69
o-Xylene
Concen: 49.965 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion:106 Resp: 298328
Ion Ratio Lower Upper
106 100
91 214.8 107.4 322.2

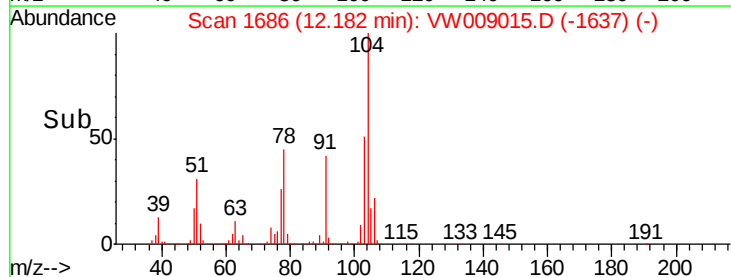
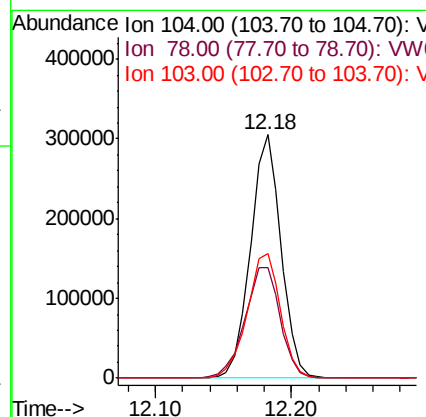
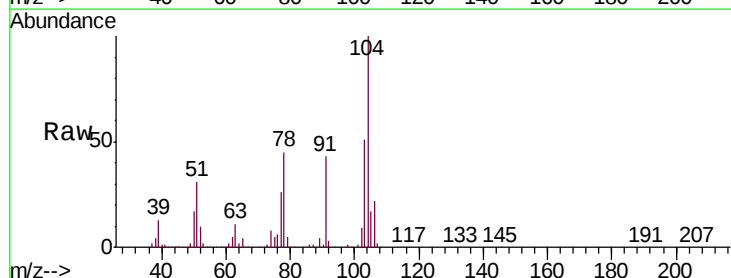
Manual Integrations
APPROVED

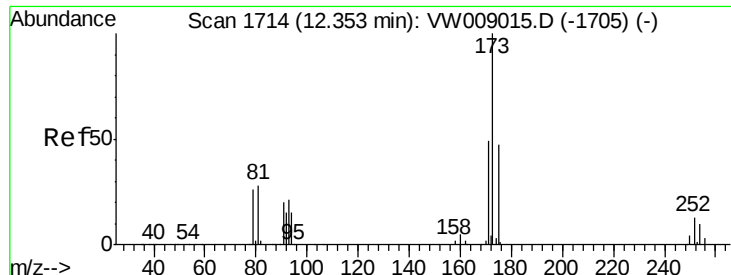
MMDadoda
3/8/2019 12:07:05 AM



#70
Styrene
Concen: 49.705 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion:104 Resp: 480773
Ion Ratio Lower Upper
104 100
78 52.4 41.9 62.9
103 56.1 44.9 67.3





#71

Bromoform

Concen: 48.800 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

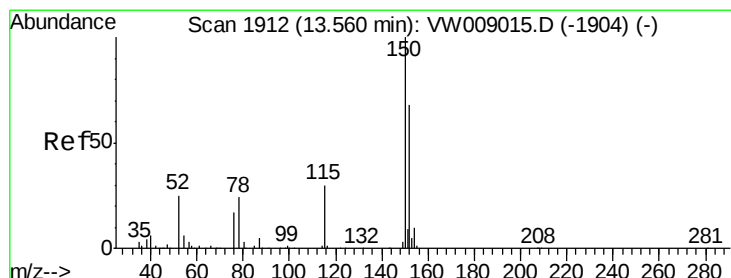
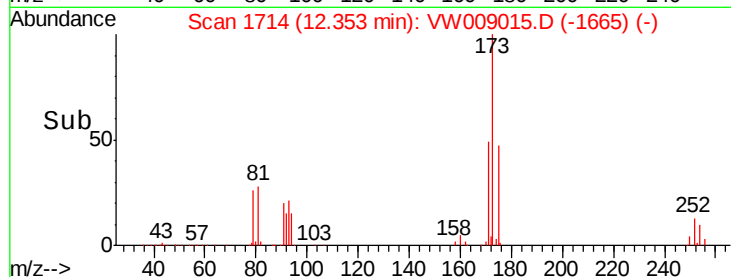
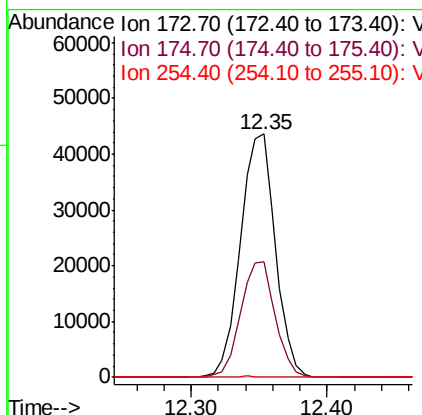
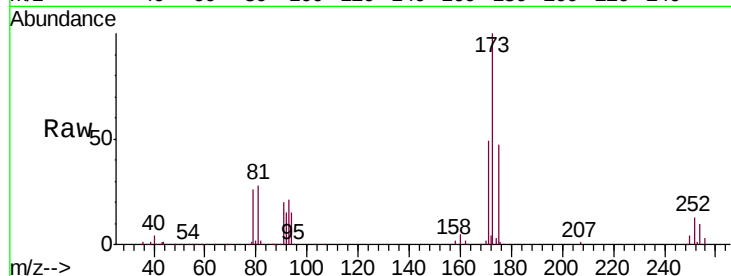
ClientSampleId :

VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	78065		
175	46.6	23.3	69.9	
254	0.1	0.1	0.1#	

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

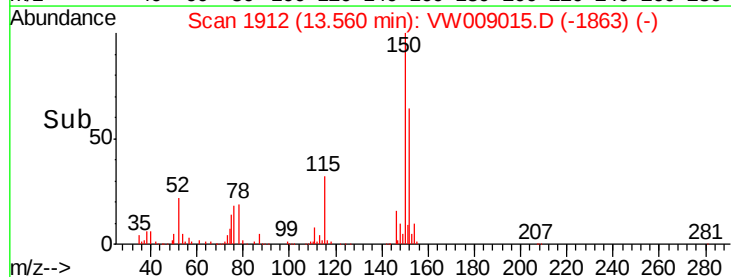
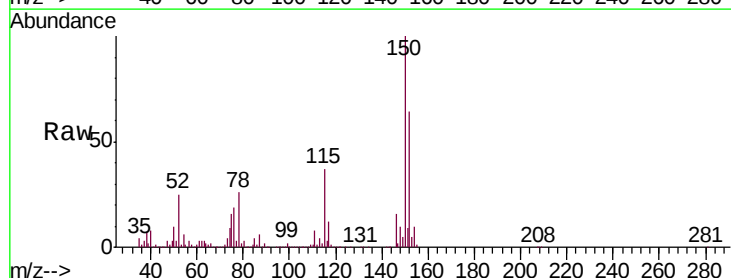
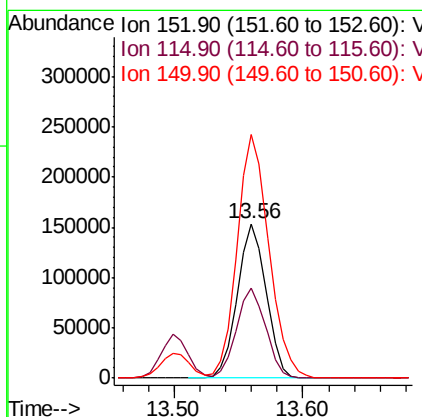
RT: 13.56 min Scan# 1912

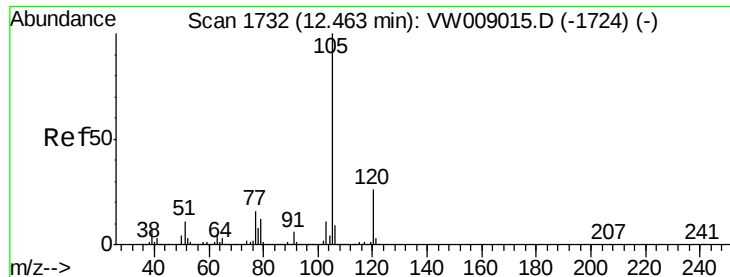
Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	237486		
115	58.5	29.3	87.8	
150	174.3	0.0	348.6	





#73

Isopropylbenzene

Concen: 50.897 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 827368

Ion Ratio Lower Upper

105 100

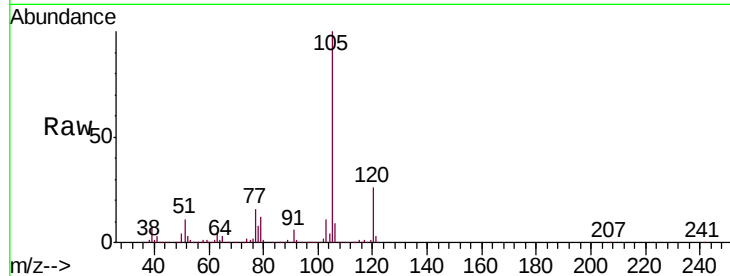
120 26.4 13.2 39.6

Manual Integrations

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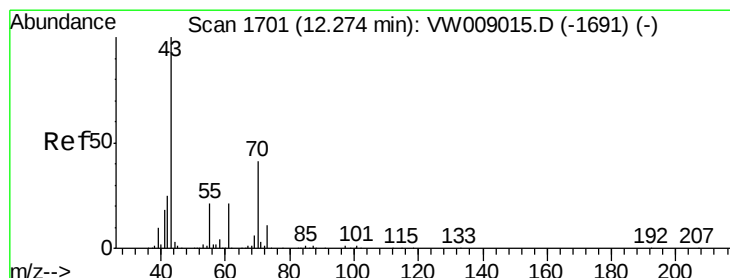
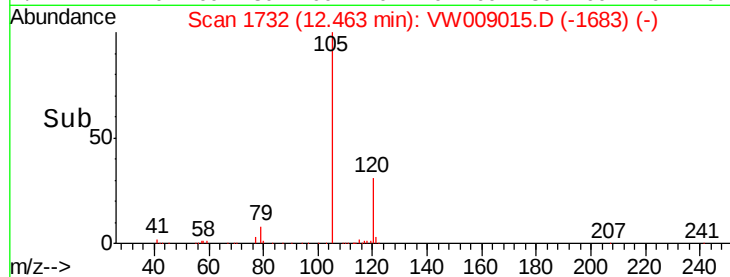
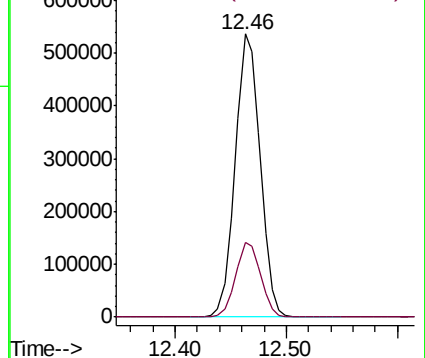
MMDadoda

3/8/2019 12:07:05 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.972 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Tgt Ion: 43 Resp: 197263

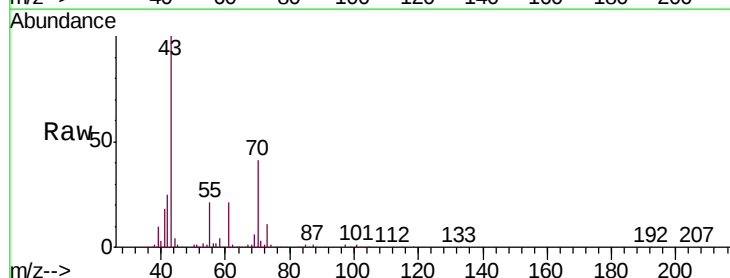
Ion Ratio Lower Upper

43 100

70 39.0 31.2 46.8

55 22.5 18.0 27.0

61 21.6 17.3 25.9

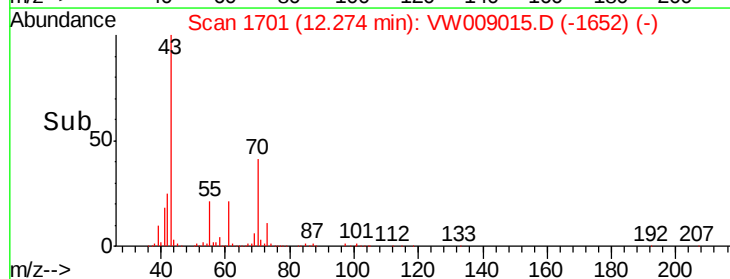
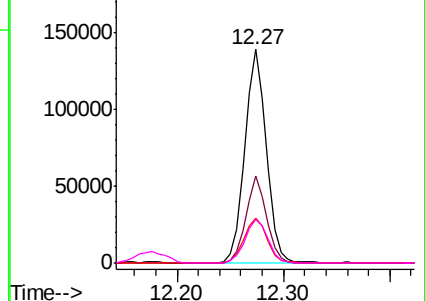


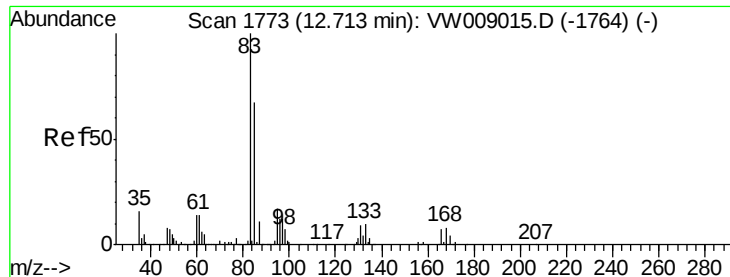
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 48.072 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 121885
Ion Ratio Lower Upper

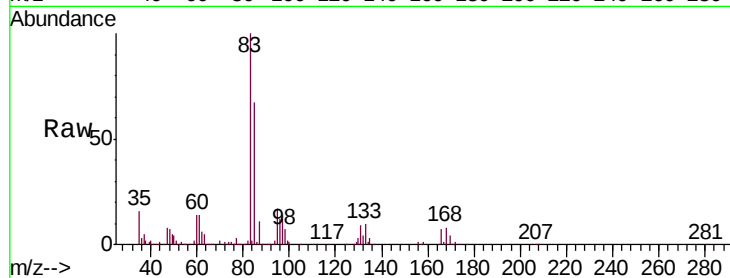
83 100

131 11.1 5.5 16.7

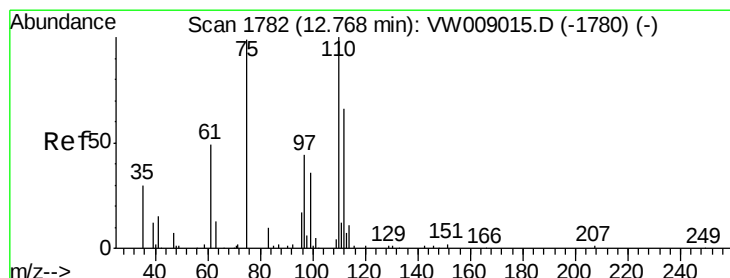
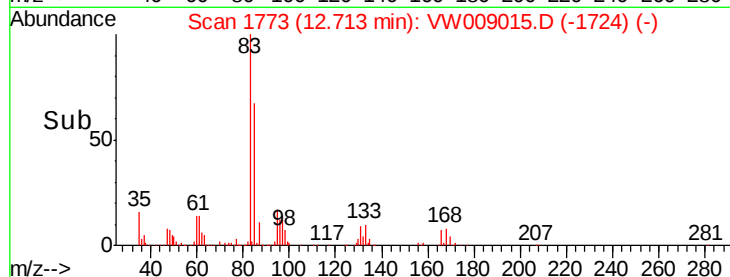
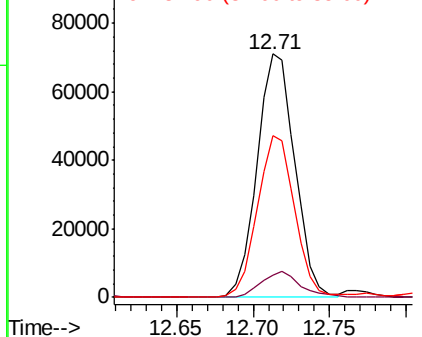
85 65.5 32.8 98.3

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.956 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

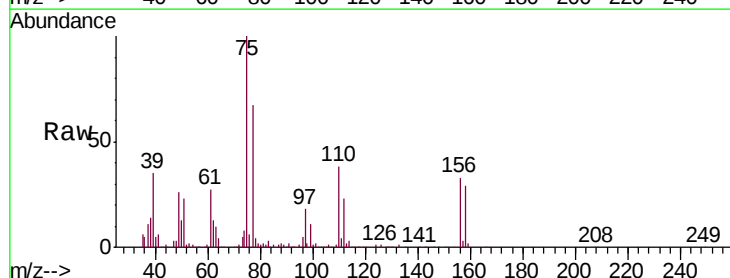
Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

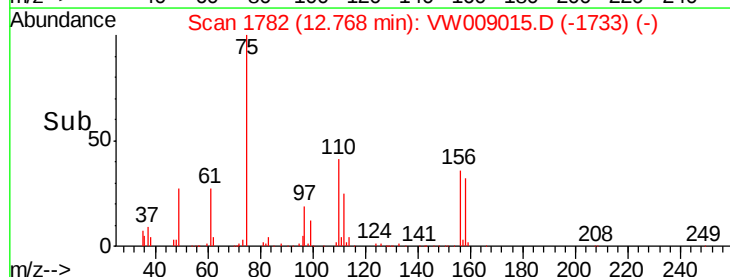
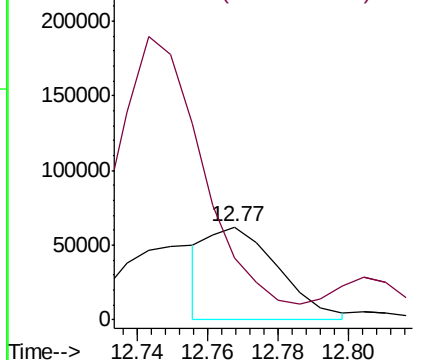
Tgt Ion: 75 Resp: 87154
Ion Ratio Lower Upper

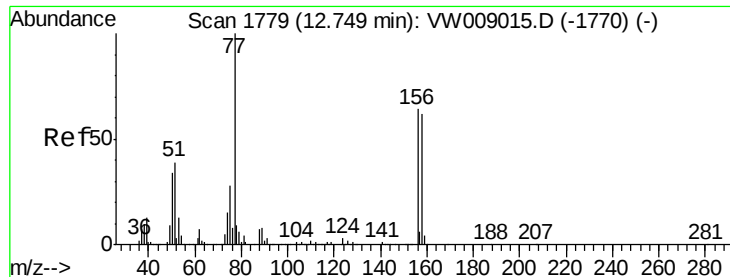
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.028 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

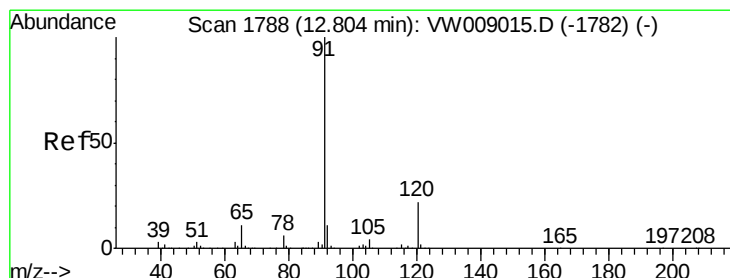
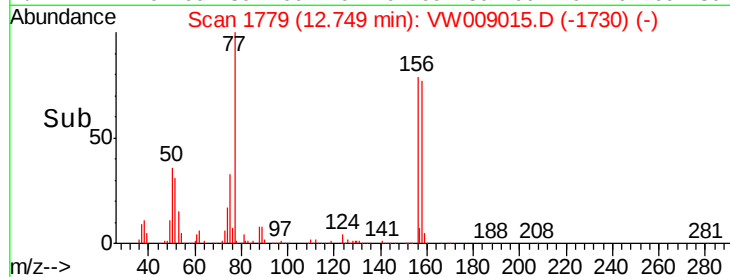
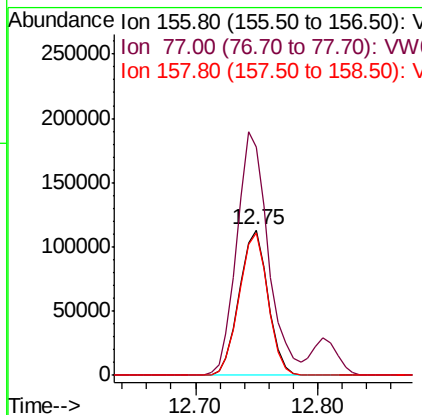
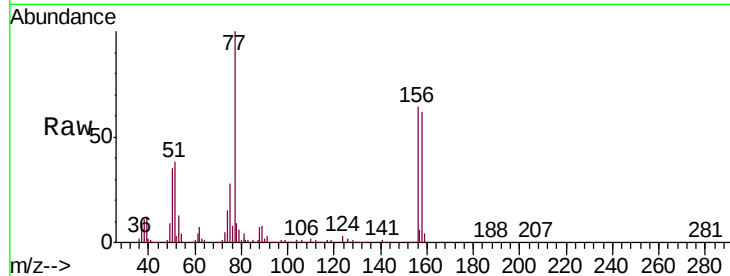
ClientSampled :

VSTDICCC050

Tgt Ion:	156	Resp:	184100
Ion Ratio	Lower	Upper	
156	100		
77	183.3	91.6	274.9
158	97.6	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 51.404 ug/l

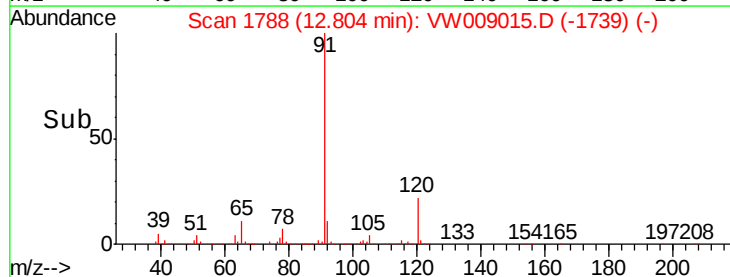
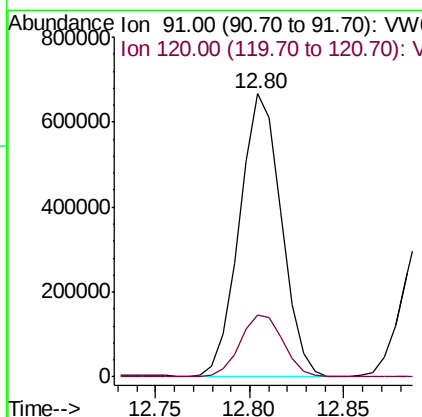
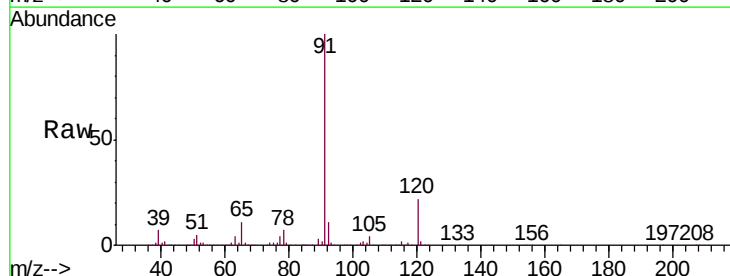
RT: 12.80 min Scan# 1788

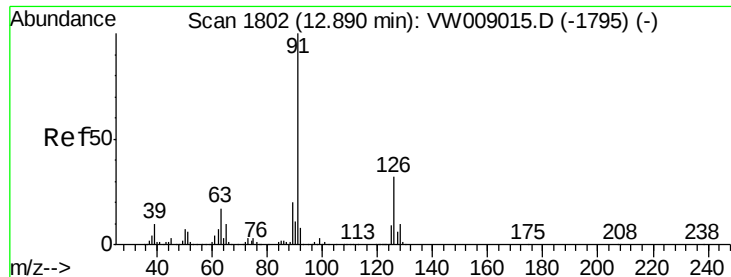
Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Tgt Ion:	91	Resp:	1025838
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.3	33.9





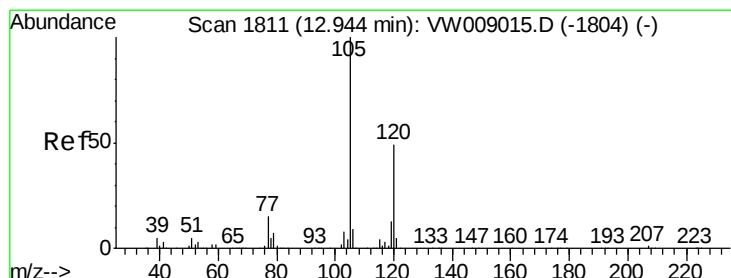
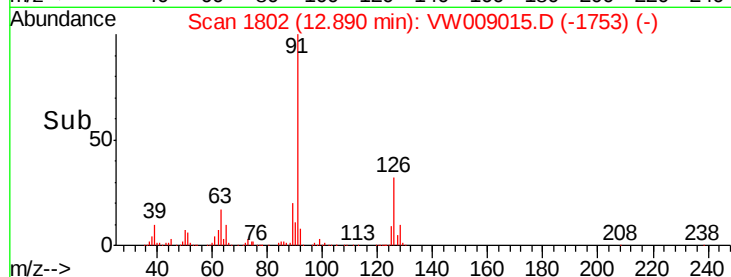
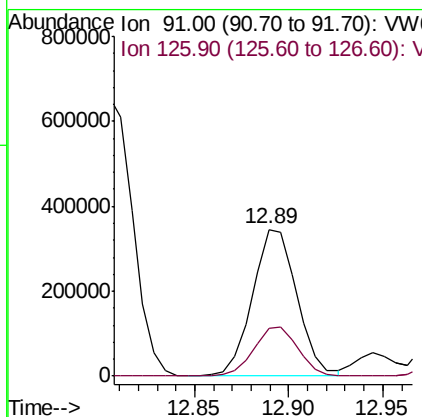
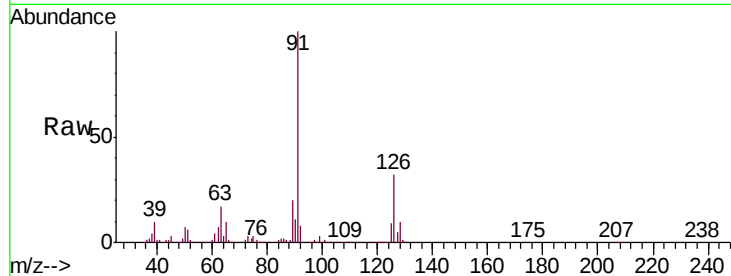
#79
2-Chlorotoluene
Concen: 50.131 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 564880
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4

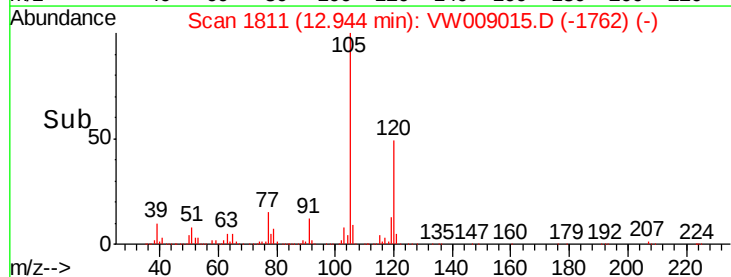
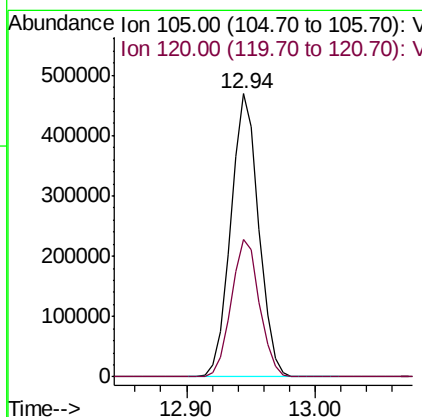
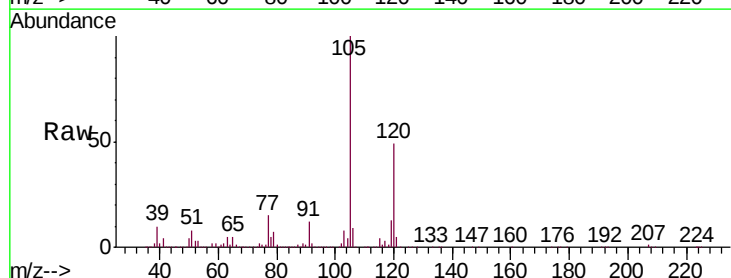
Manual Integrations
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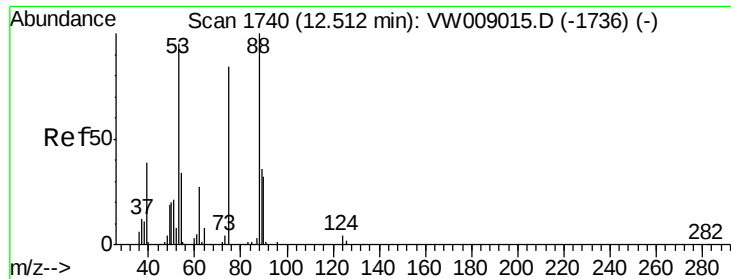
MMDadoda
3/8/2019 12:07:05 AM



#80
1,3,5-Trimethylbenzene
Concen: 50.816 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion: 105 Resp: 708914
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.8





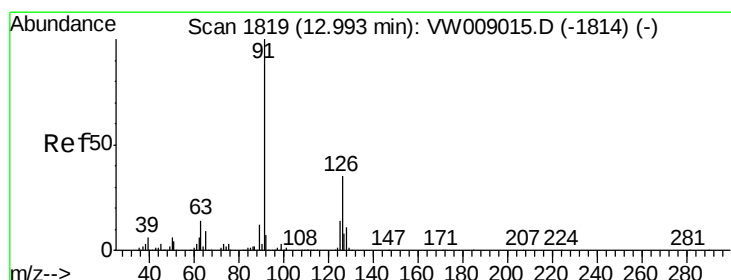
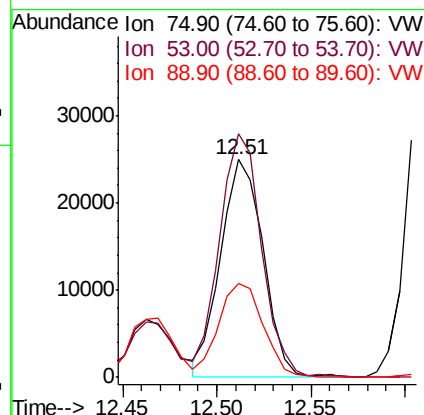
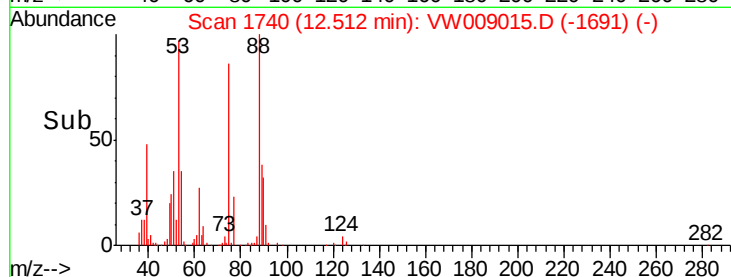
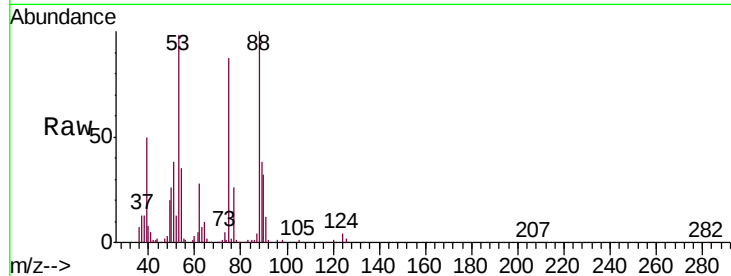
#81
trans-1,4-Dichloro-2-butene
Concen: 50.495 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	110.6	88.5	132.7
89	45.4	36.3	54.5

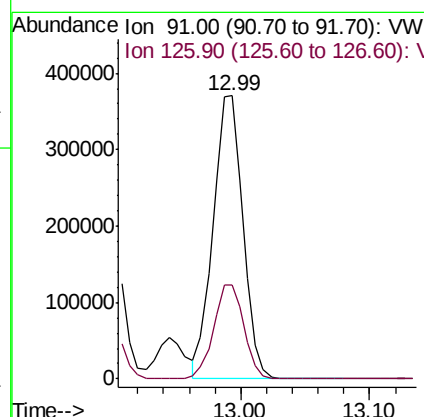
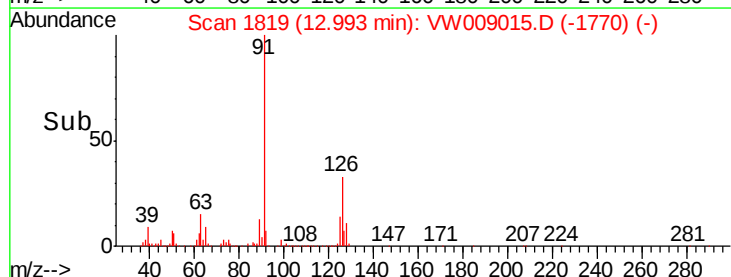
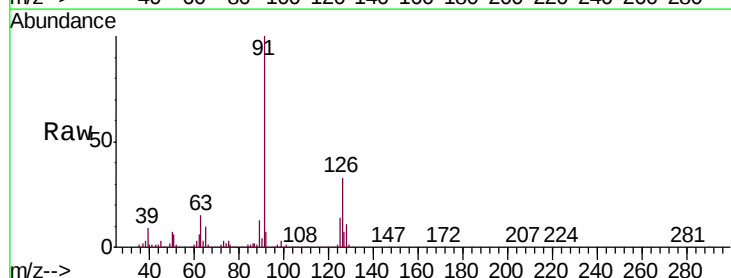
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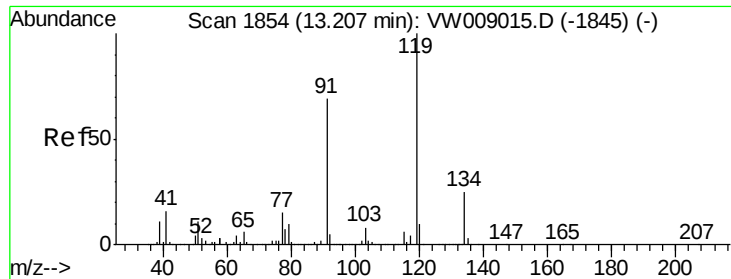
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.160 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.9	50.6





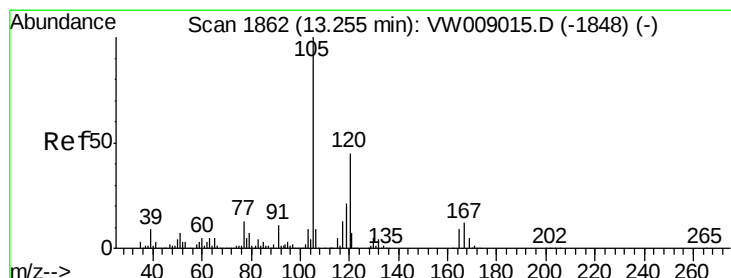
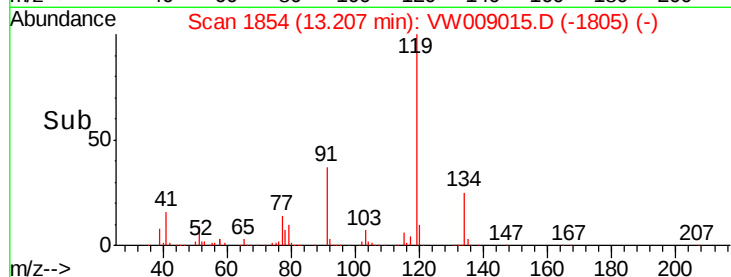
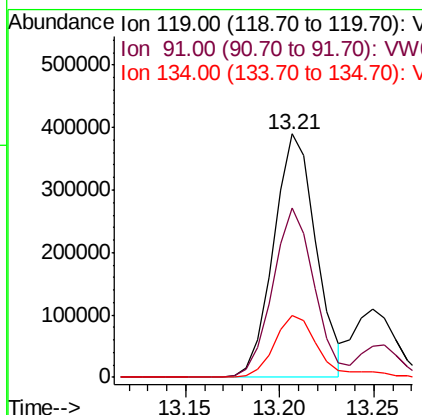
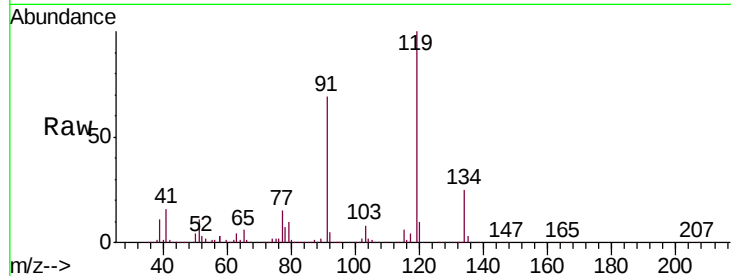
#83
 tert-Butylbenzene
 Concen: 50.616 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	68.6	34.3	102.9
134	27.2	13.6	40.8

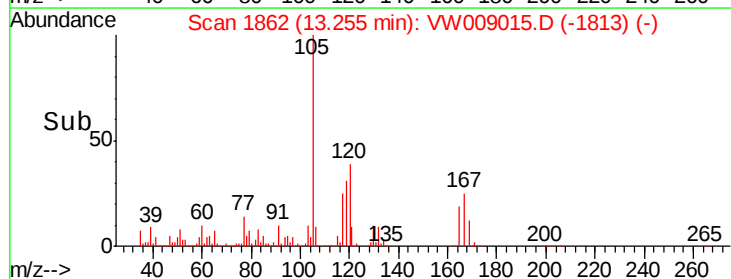
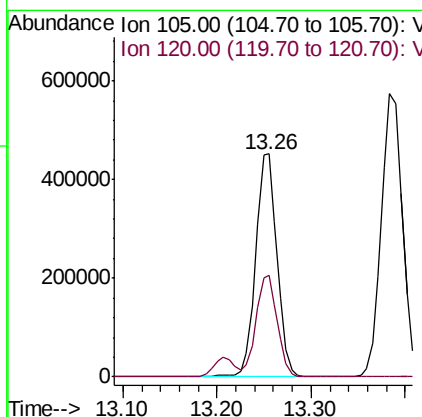
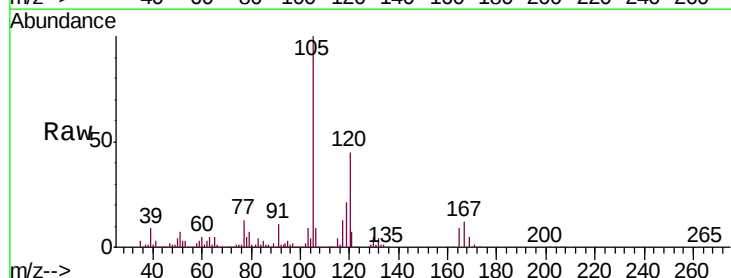
Manual Integrations
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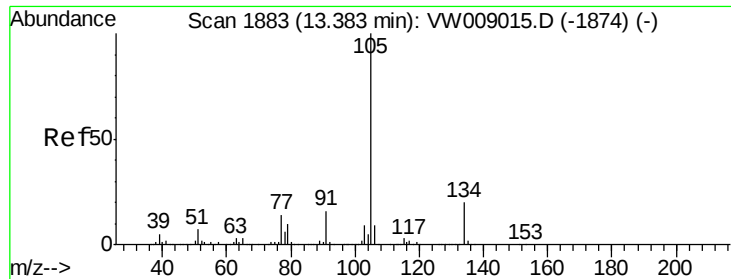
MMDadoda
 3/8/2019 12:07:05 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.765 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.7





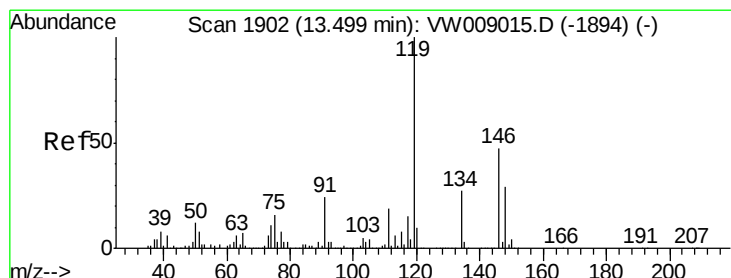
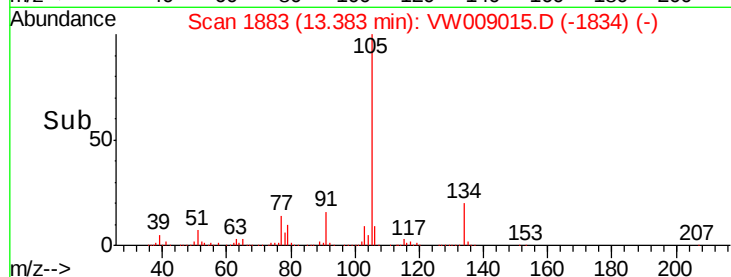
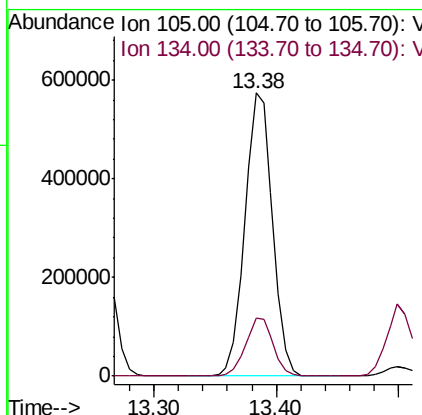
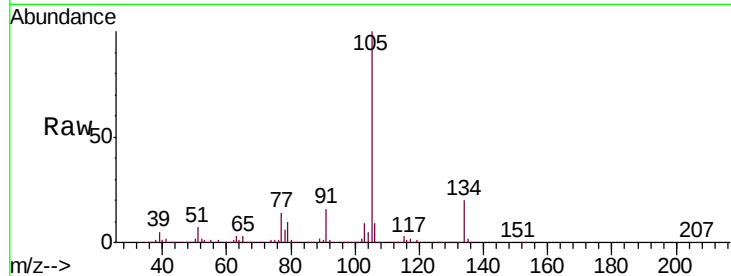
#85
 sec-Butylbenzene
 Concen: 51.093 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 895912
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

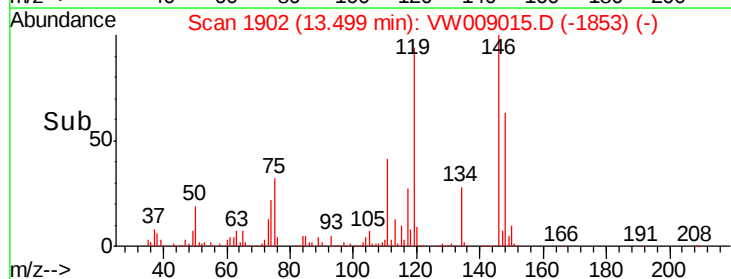
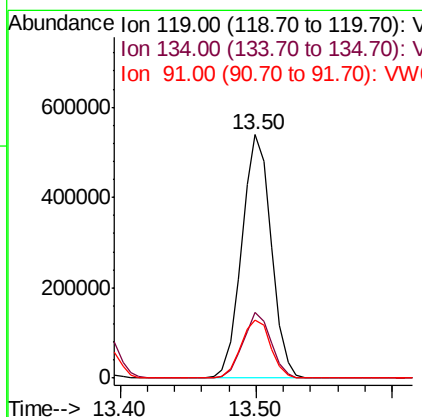
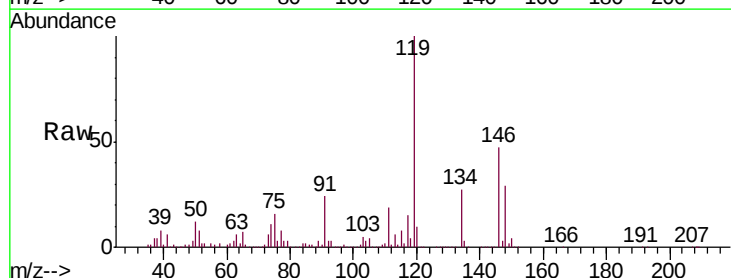
Manual Integrations
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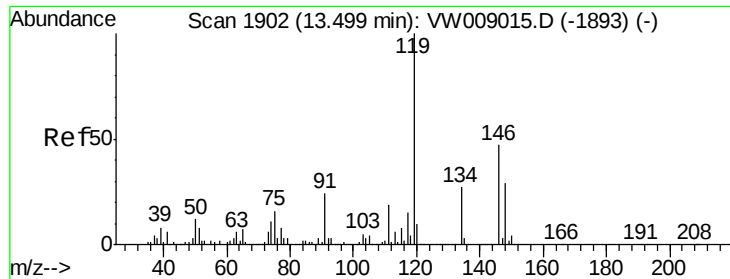
MMDadoda
 3/8/2019 12:07:05 AM



#86
 p-Isopropyltoluene
 Concen: 51.376 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Tgt Ion:119 Resp: 810879
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 49.976 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

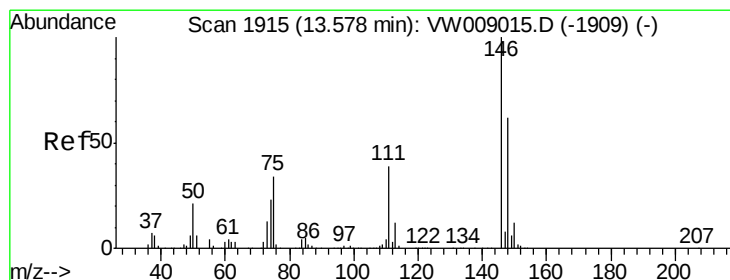
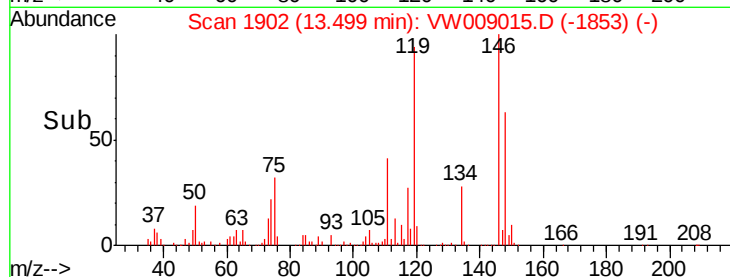
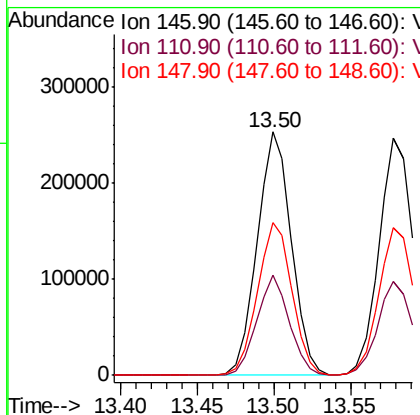
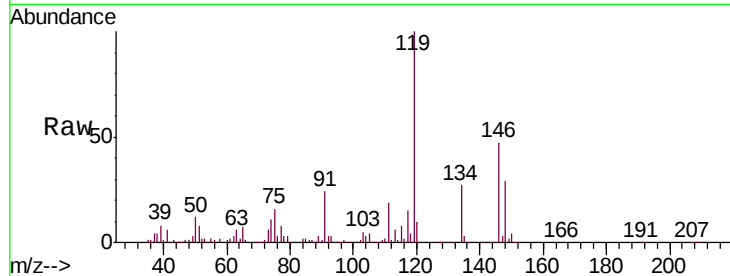
ClientSampleId :

VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	393711		
111	39.1	19.6	58.7	
148	63.4	31.7	95.1	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.963 ug/l

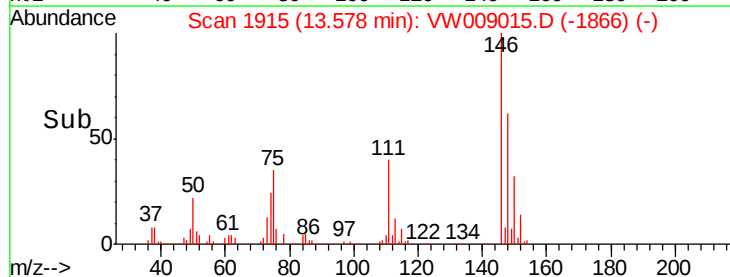
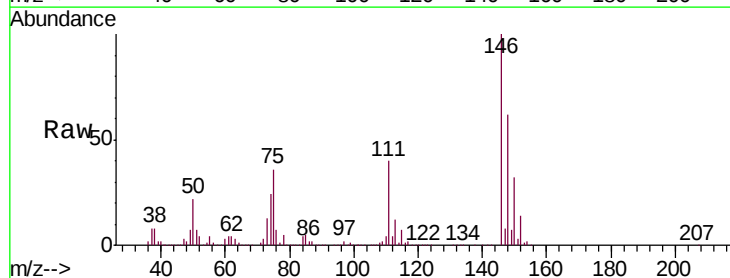
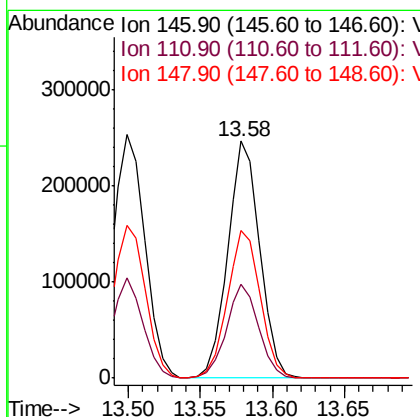
RT: 13.58 min Scan# 1915

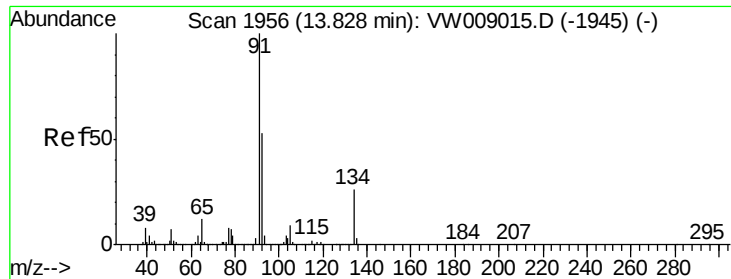
Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	382576		
111	39.8	19.9	59.7	
148	63.4	31.7	95.1	





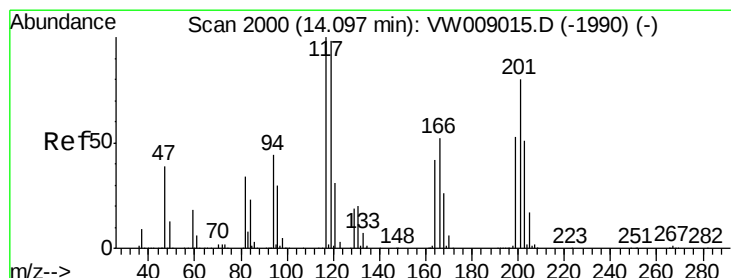
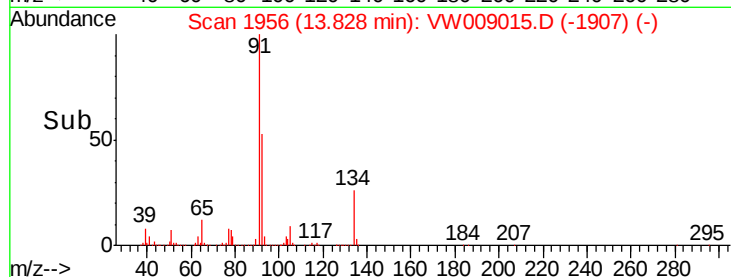
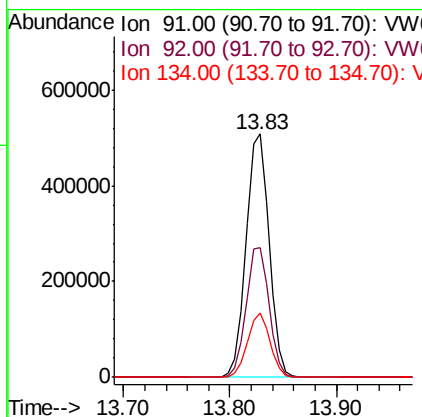
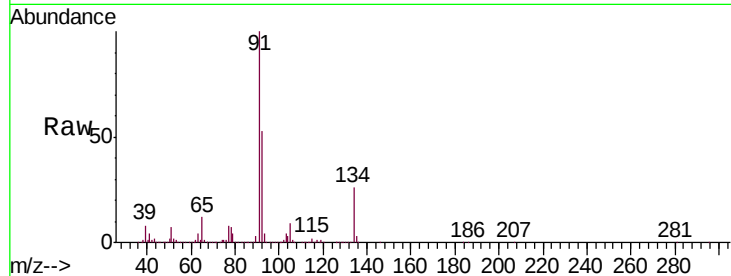
#89
n-Butylbenzene
Concen: 51.771 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.7	80.0
134	26.0	13.0	39.0

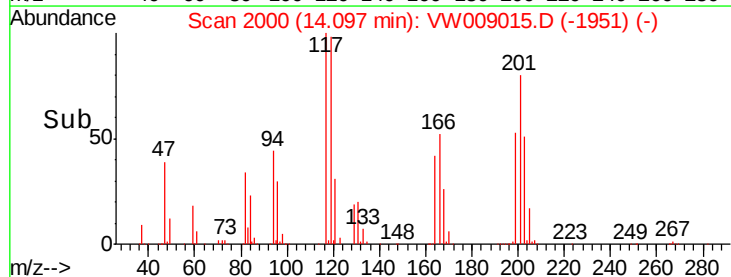
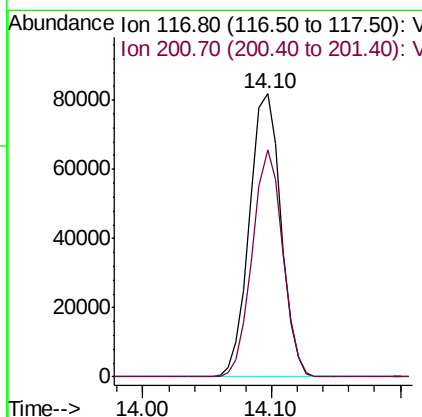
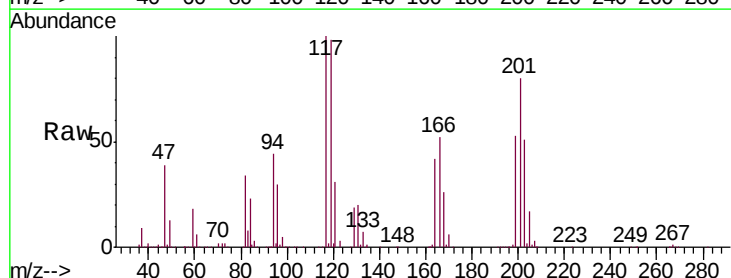
Manual Integrations
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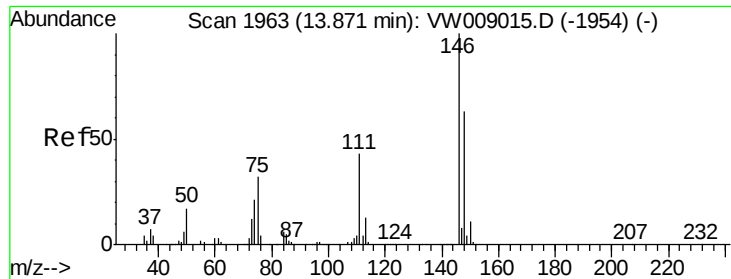
MMDadoda
3/8/2019 12:07:05 AM



#90
Hexachloroethane
Concen: 50.925 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW009015.D
Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.7	38.9	116.6





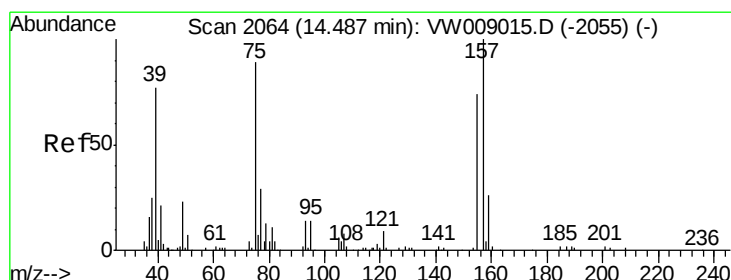
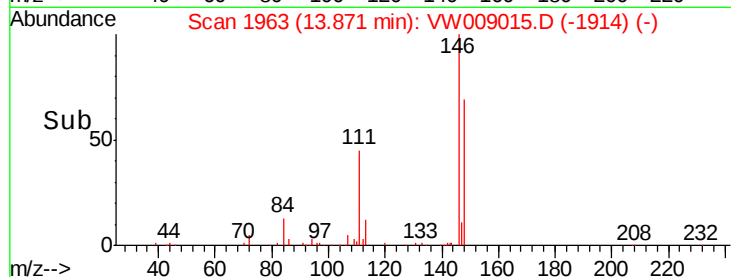
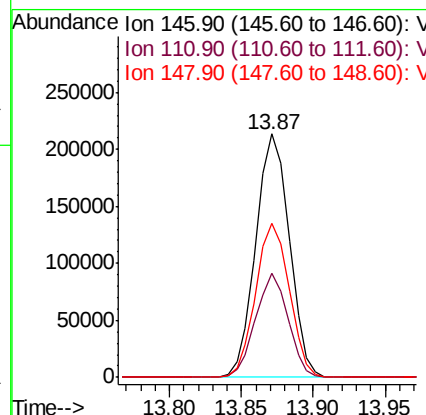
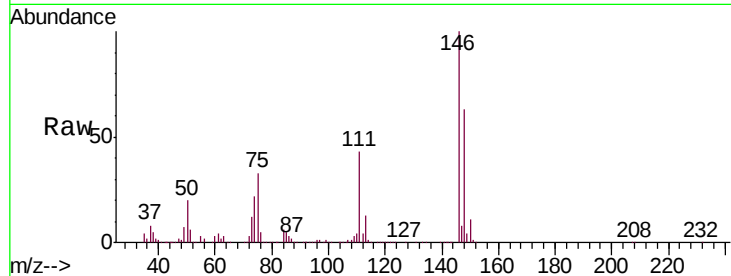
#91
 1,2-Dichlorobenzene
 Concen: 49.876 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.4
148	63.5	31.8	95.3

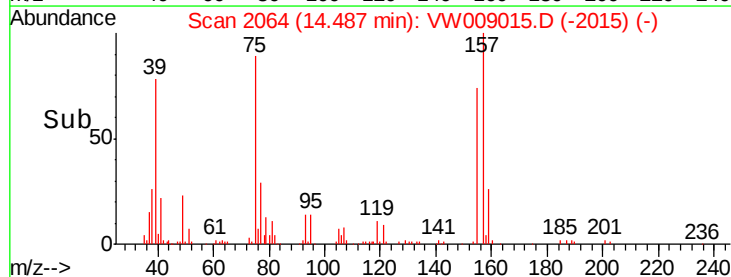
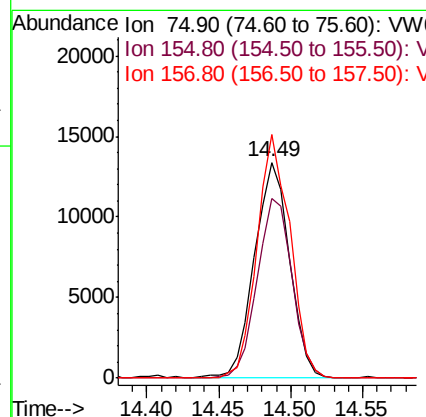
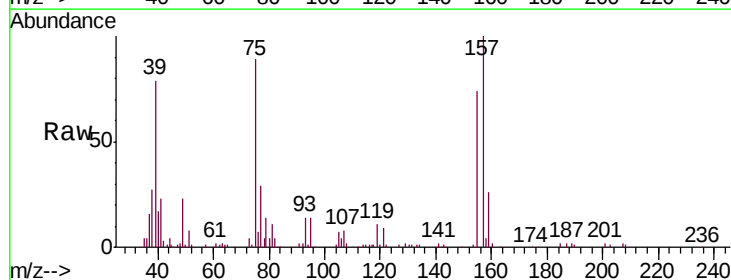
Manual Integrations
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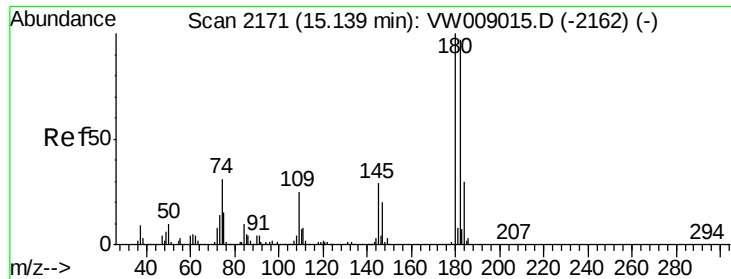
MMDadoda
 3/8/2019 12:07:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.474 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.9	41.4	124.4
157	106.3	53.1	159.4





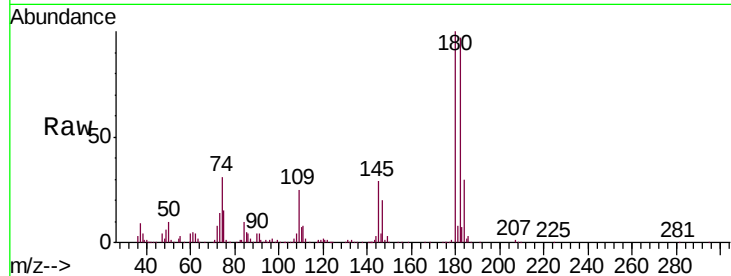
#93
 1,2,4-Trichlorobenzene
 Concen: 51.139 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	241367		
182	95.3	47.6	142.9	
145	29.4	14.7	44.1	

Manual Integrations
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 3/8/2019 12:07:05 AM

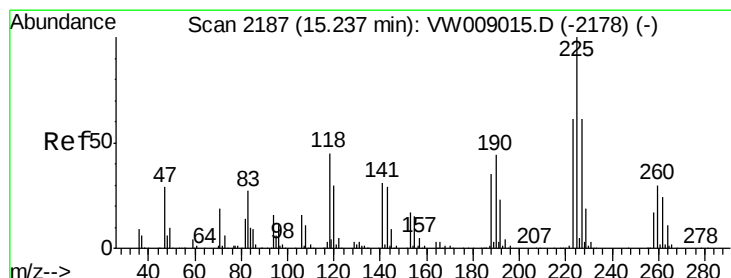
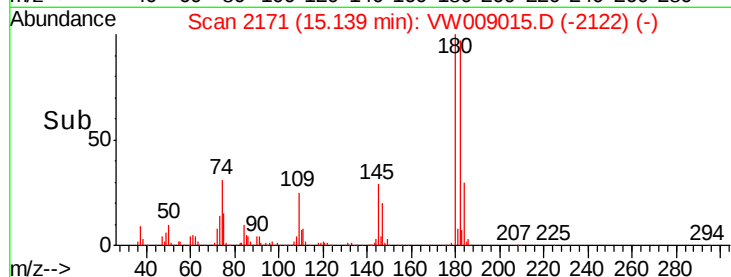
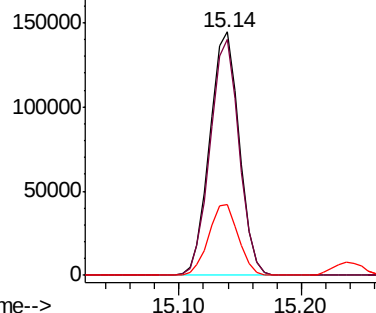


Abundance

Ion 179.80 (179.50 to 180.50): V

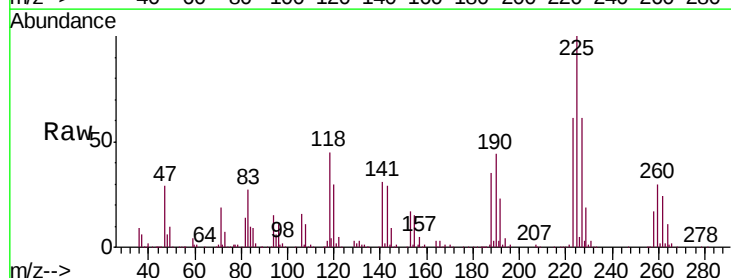
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.331 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW009015.D
 Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	150996		
223	61.2	30.6	91.8	
227	62.4	31.2	93.6	

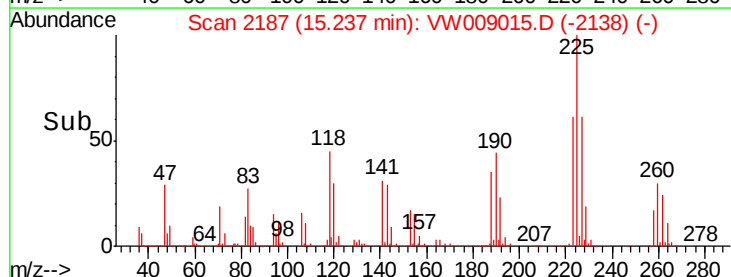
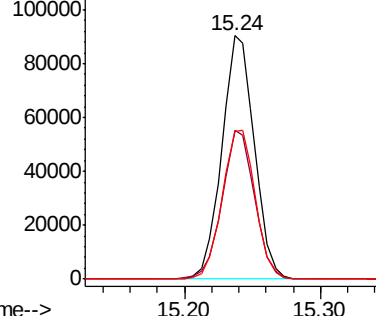


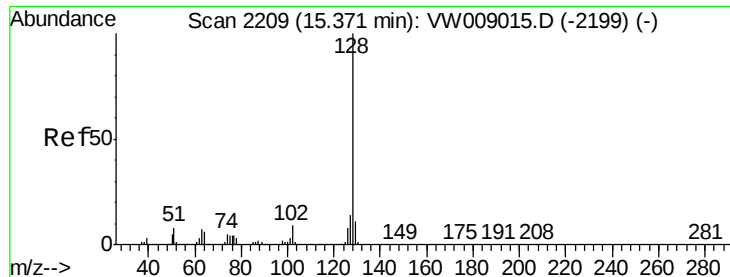
Abundance

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: 52.412 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Instrument :

MSVOA_W

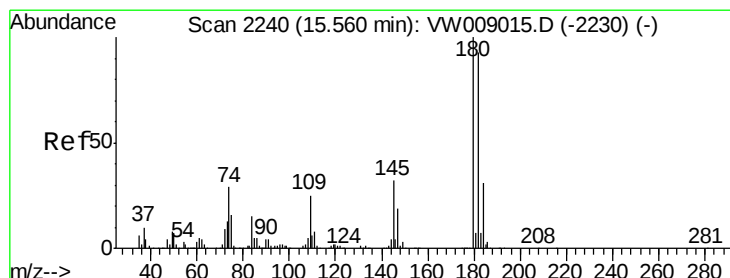
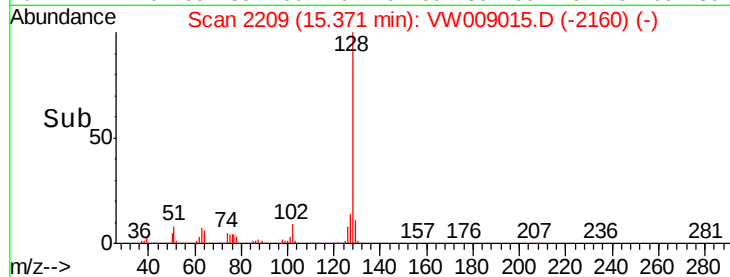
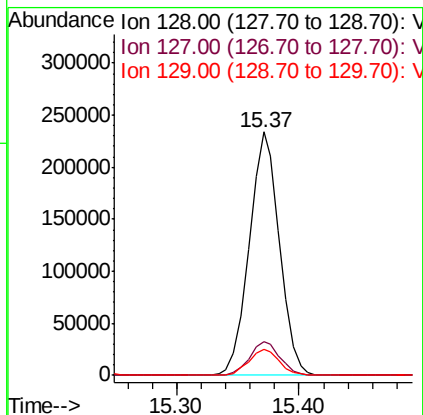
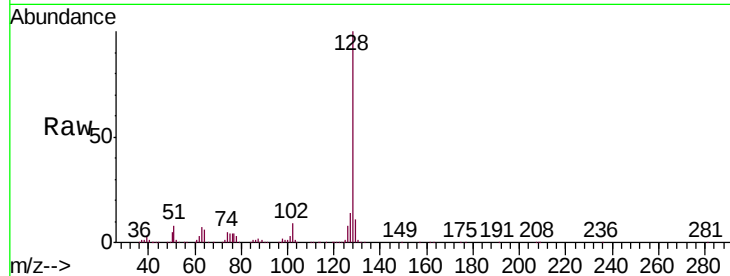
ClientSampleId :

VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	401091		
127	13.7	11.0	16.4	
129	10.8	8.6	13.0	

Manual Integrations
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3/8/2019 12:07:05 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.914 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW009015.D

Acq: 06 Mar 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	208058		
182	94.5	47.3	141.8	
145	30.8	15.4	46.2	

