

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013484.D
 Acq On : 08 Oct 2019 13:14
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100819

Manual Integrations
 APPROVED

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 10/9/2019 4:09:40 PM

Quant Time: Oct 09 06:27:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	342615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	481796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	414338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	211568	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	138688	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	7.88	113	142551	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	10.32	98	604539	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
62) 4-Bromofluorobenzene	12.62	95	205586	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	63928	56.330	ug/l	97
3) Chloromethane	2.21	50	103268	51.767	ug/l	98
4) Vinyl Chloride	2.36	62	150853	51.267	ug/l	100
5) Bromomethane	2.78	94	92805	52.860	ug/l	97
6) Chloroethane	2.92	64	85281	51.608	ug/l	94
7) Trichlorofluoromethane	3.25	101	75888	54.509	ug/l	98
8) Diethyl Ether	3.68	74	75817	52.615	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	146140	50.932	ug/l	99
10) Methyl Iodide	4.27	142	234934	51.707	ug/l	99
11) Tert butyl alcohol	5.18	59	50017	268.312	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	153486	51.616	ug/l	97
13) Acrolein	3.90	56	57751	243.736	ug/l	98
14) Allyl chloride	4.66	41	238921	52.284	ug/l	99
15) Acrylonitrile	5.36	53	168328	249.933	ug/l	99
16) Acetone	4.13	43	166768	270.733	ug/l	98
17) Carbon Disulfide	4.38	76	429295	51.433	ug/l	100
18) Methyl Acetate	4.67	43	79508	45.060	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	232371	51.678	ug/l	98
20) Methylene Chloride	4.91	84	156735	52.817	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	162219	51.339	ug/l	96
22) Diisopropyl ether	6.31	45	450213	52.583	ug/l	99
23) Vinyl Acetate	6.25	43	1365220	265.591	ug/l	97
24) 1,1-Dichloroethane	6.21	63	271093	51.803	ug/l	100
25) 2-Butanone	7.17	43	219504	241.795	ug/l	96
26) 2,2-Dichloropropane	7.16	77	167684	49.705	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	175406	52.463	ug/l	99
28) Bromochloromethane	7.51	49	103471	51.019	ug/l #	99
29) Tetrahydrofuran	7.53	42	136352	245.752	ug/l	99
30) Chloroform	7.67	83	262684	51.894	ug/l	95
31) Cyclohexane	7.95	56	276022	49.833	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	213687	51.932	ug/l	100
36) 1,1-Dichloropropene	8.08	75	225506	51.740	ug/l	100
37) Ethyl Acetate	7.25	43	95411	48.248	ug/l	99
38) Carbon Tetrachloride	8.07	117	201049	52.035	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	293641	52.002	ug/l	99
40) Benzene	8.32	78	633788	52.093	ug/l	100
41) Methacrylonitrile	7.48	41	57959	51.542	ug/l	97
42) 1,2-Dichloroethane	8.40	62	160537	52.204	ug/l	99
43) Isopropyl Acetate	8.42	43	180690	50.576	ug/l	99
44) Trichloroethene	9.09	130	182262	52.513	ug/l	99
45) 1,2-Dichloropropane	9.37	63	153908	52.705	ug/l	98
46) Dibromomethane	9.46	93	74632	51.302	ug/l	99
47) Bromodichloromethane	9.64	83	194565	53.802	ug/l	98
48) Methyl methacrylate	9.43	41	85953	48.842	ug/l	96
49) 1,4-Dioxane	9.46	88	24332	952.548	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	463835	246.947	ug/l	99
52) Toluene	10.38	92	410942	52.436	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	201872	53.722	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	246382	54.120	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	115490	52.889	ug/l	94
56) Ethyl methacrylate	10.65	69	154243	52.446	ug/l	99
57) 1,3-Dichloropropane	10.93	76	196047	52.286	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	352536	254.082	ug/l	99
59) 2-Hexanone	10.97	43	327742	254.463	ug/l	100
60) Dibromochloromethane	11.13	129	135363	53.905	ug/l	96
61) 1,2-Dibromoethane	11.23	107	108486	52.234	ug/l	99
64) Tetrachloroethene	10.86	164	157431	51.625	ug/l	97
65) Chlorobenzene	11.66	112	427729	51.953	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	150367	52.578	ug/l	99
67) Ethyl Benzene	11.73	91	779926	51.829	ug/l	99
68) m/p-Xylenes	11.84	106	599823	104.763	ug/l	99
69) o-Xylene	12.16	106	277144	52.392	ug/l	99
70) Styrene	12.18	104	485268	53.428	ug/l	100
71) Bromoform	12.35	173	82160	52.362	ug/l #	100
73) Isopropylbenzene	12.46	105	774566	51.111	ug/l	100
74) N-amyl acetate	12.27	43	169835	51.241	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	126932	49.140	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	80938m	45.934	ug/l	
77) Bromobenzene	12.74	156	184092	51.248	ug/l	98
78) n-propylbenzene	12.80	91	911043	51.987	ug/l	100
79) 2-Chlorotoluene	12.89	91	502744	51.206	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	649957	51.617	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42816	49.671	ug/l	97
82) 4-Chlorotoluene	12.99	91	528721	51.884	ug/l	100
83) tert-Butylbenzene	13.21	119	582774	52.114	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	642443	51.587	ug/l	100
85) sec-Butylbenzene	13.38	105	794018	51.389	ug/l	100
86) p-Isopropyltoluene	13.50	119	742230	52.283	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	353060	51.835	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	348533	52.234	ug/l	100
89) n-Butylbenzene	13.82	91	679332	52.973	ug/l	99
90) Hexachloroethane	14.09	117	128525	52.912	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	311881	51.861	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20032	48.645	ug/l	96

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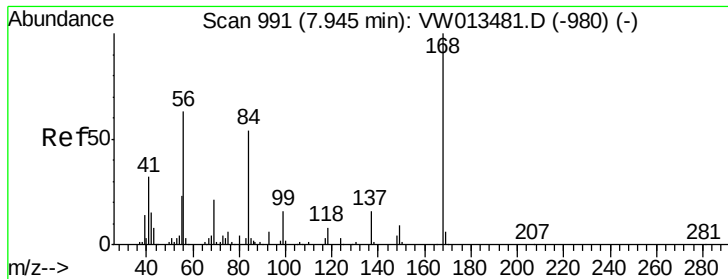
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 05:54:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	233245	54.879	ug/l	99
94) Hexachlorobutadiene	15.24	225	152002	53.817	ug/l	98
95) Naphthalene	15.36	128	402489	54.745	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	202379	54.454	ug/l	99

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



#1

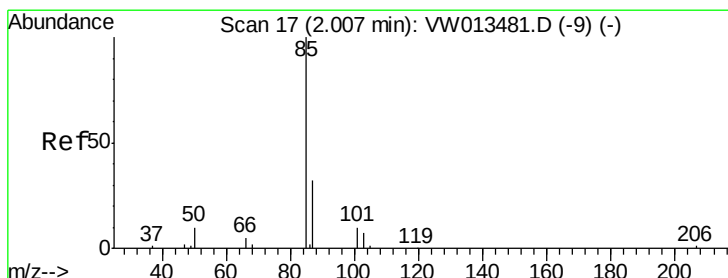
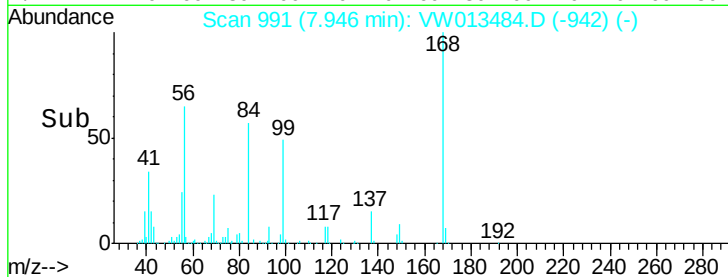
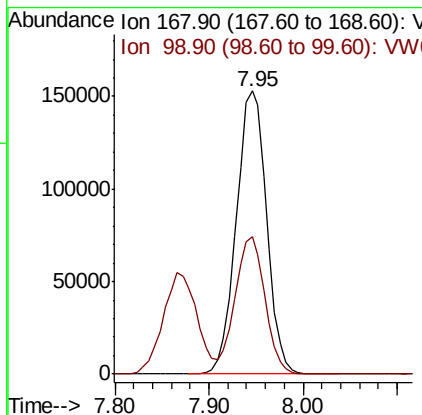
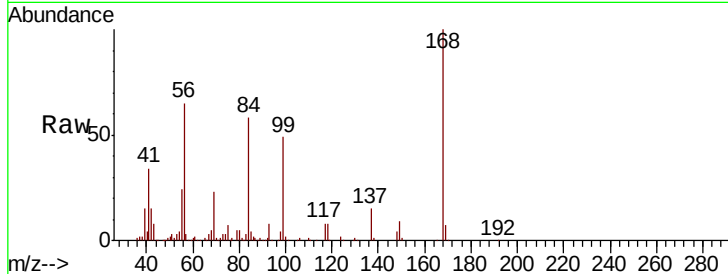
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100819

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.7	38.3	57.5

Manual Integrations
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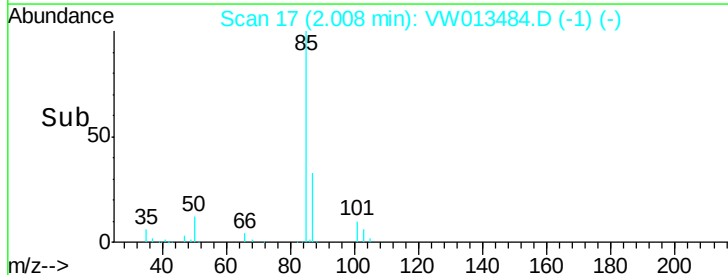
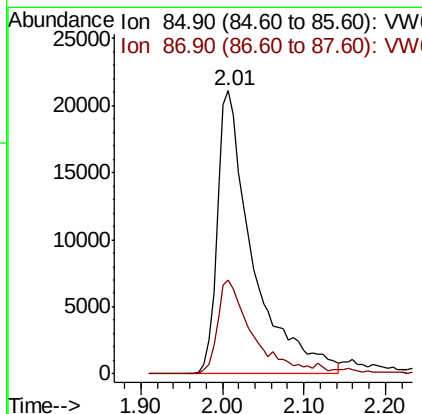
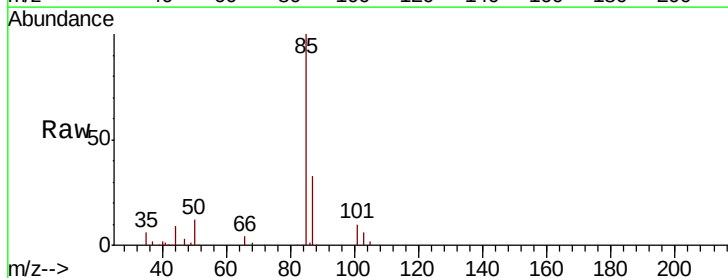
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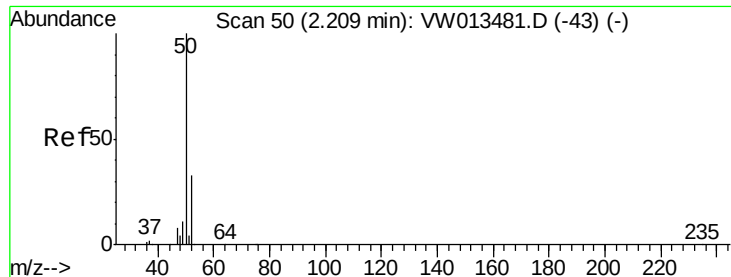


#2

Dichlorodifluoromethane
 Concen: 56.330 ug/l
 RT: 2.01 min Scan# 17
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.8	47.3





#3

Chloromethane

Concen: 51.767 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100819

Tot Ion: 50 Resp: 103268

Ion Ratio Lower Upper

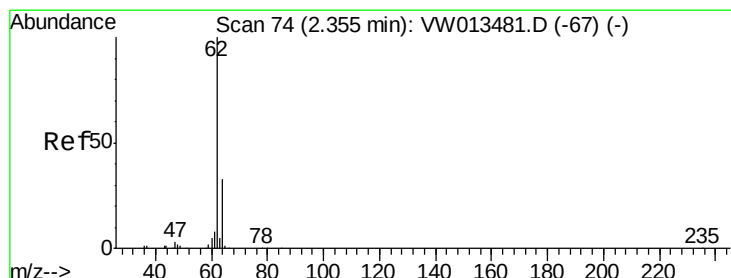
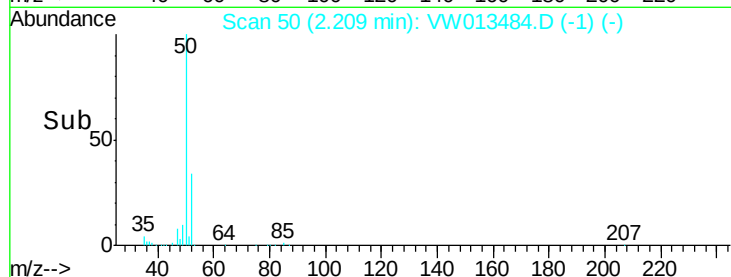
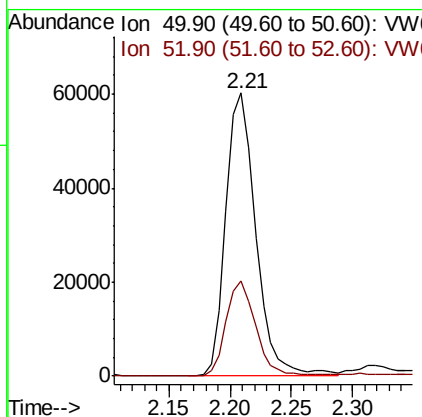
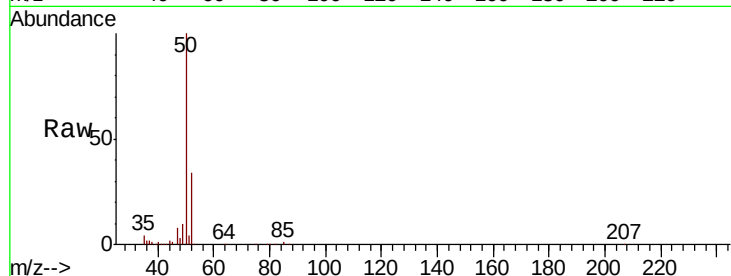
50 100

52 33.5 26.0 39.0

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#4

Vinyl Chloride

Concen: 51.267 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013484.D

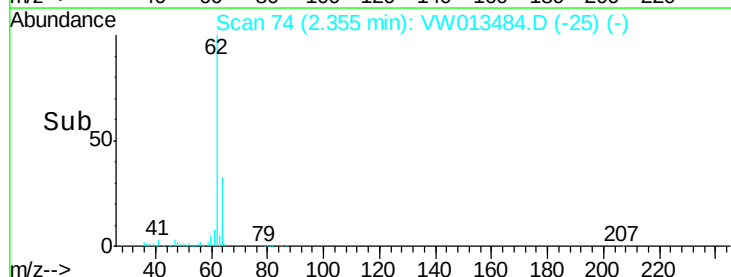
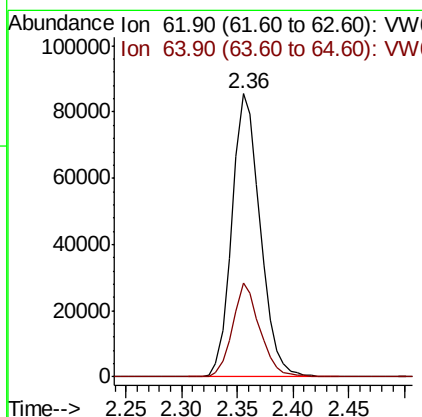
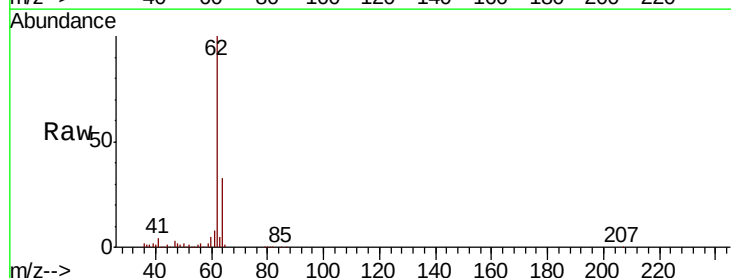
Acq: 08 Oct 2019 13:14

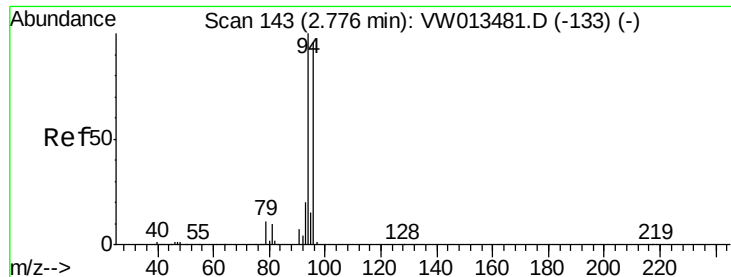
Tgt Ion: 62 Resp: 150853

Ion Ratio Lower Upper

62 100

64 33.3 26.6 39.8





#5

Bromomethane

Concen: 52.860 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100819

Tot Ion: 94 Resp: 92805

Ion Ratio Lower Upper

94 100

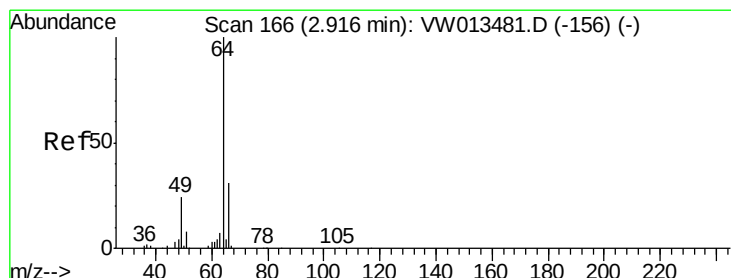
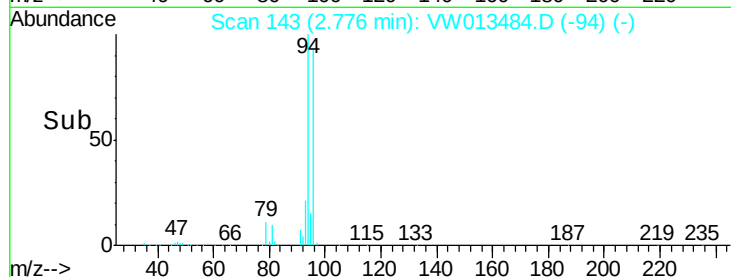
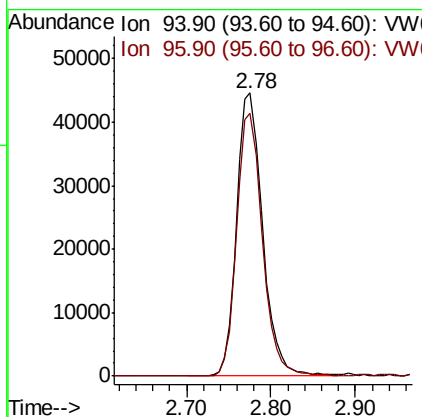
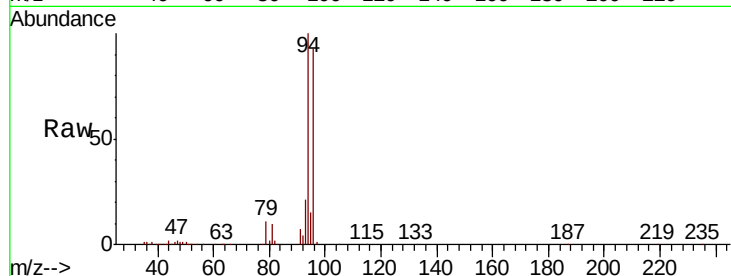
96 93.1 77.0 115.6

Manual Integrations

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#6

Chloroethane

Concen: 51.608 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW013484.D

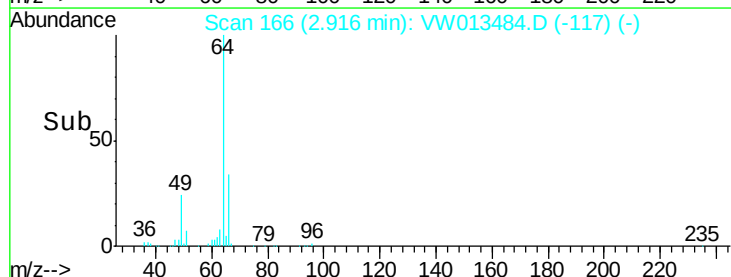
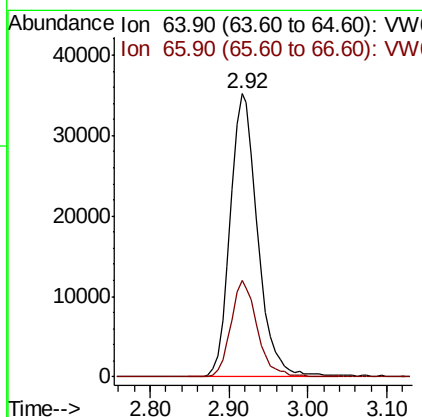
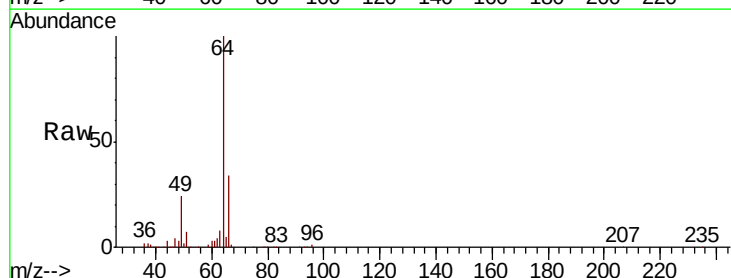
Acq: 08 Oct 2019 13:14

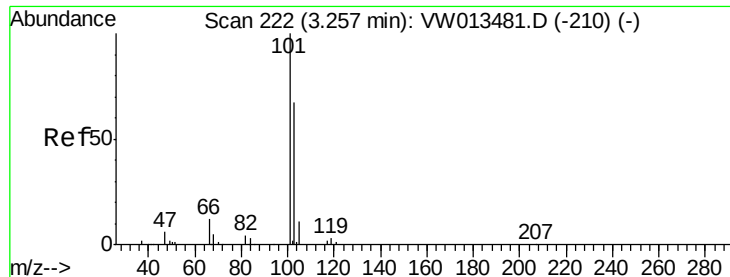
Tgt Ion: 64 Resp: 85281

Ion Ratio Lower Upper

64 100

66 34.3 25.0 37.4





#7

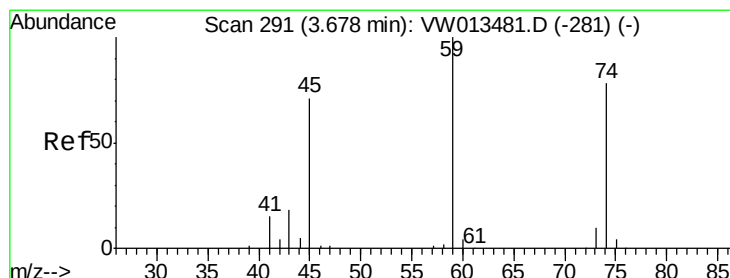
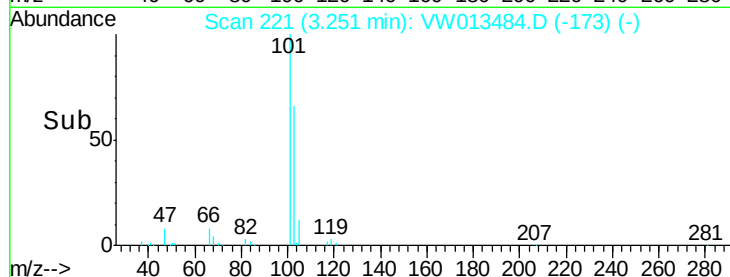
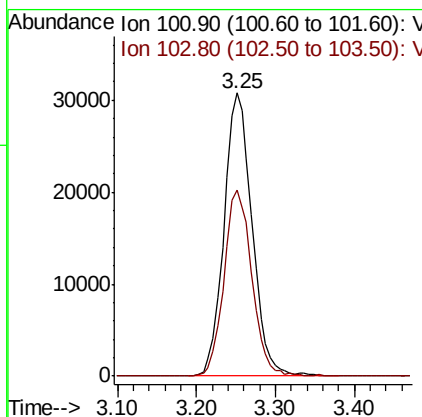
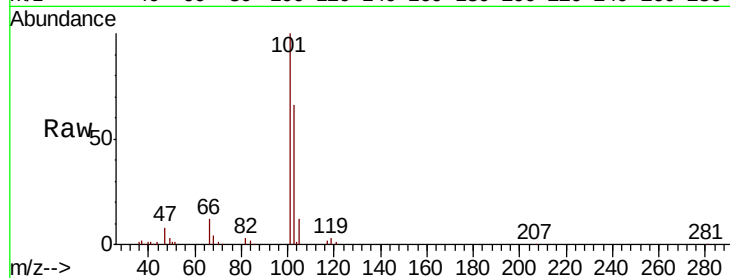
Trichlorofluoromethane
 Concen: 54.509 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Instrument :
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 ClientSampleId :
 ICVVW100819

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	53.7	80.5

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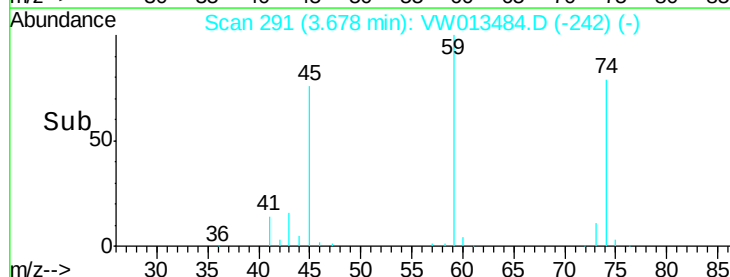
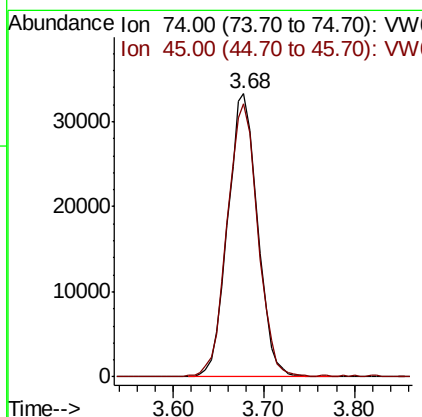
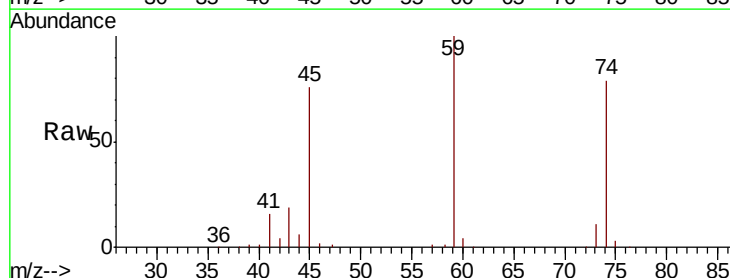
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 10/9/2019 4:09:40 PM

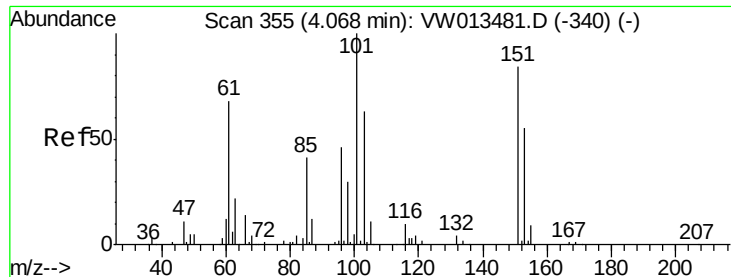


#8

Diethyl Ether
 Concen: 52.615 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.6	50.0	150.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.932 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

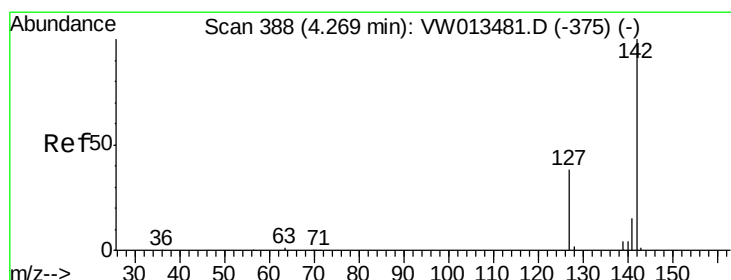
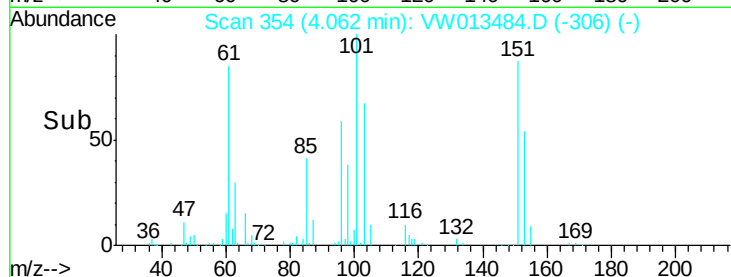
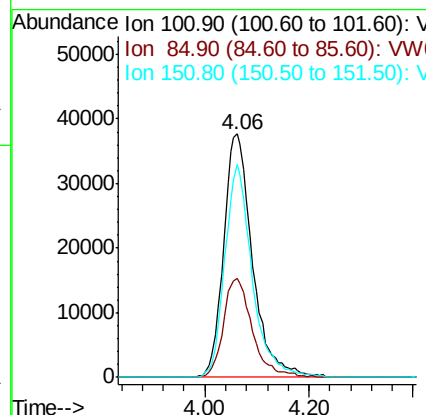
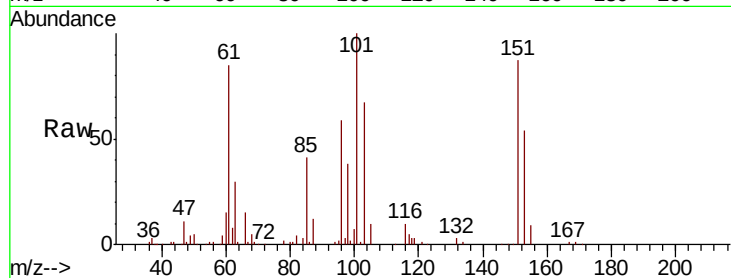
ClientSampleId :

ICVW100819

Tot Ion:	101	Resp:	146140
Ion Ratio	Lower	Upper	
101	100		
85	40.8	31.6	47.4
151	83.4	67.5	101.3

Manual Integrations
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#10

Methyl Iodide

Concen: 51.707 ug/l

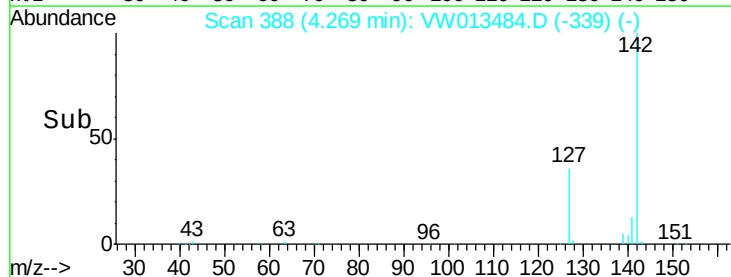
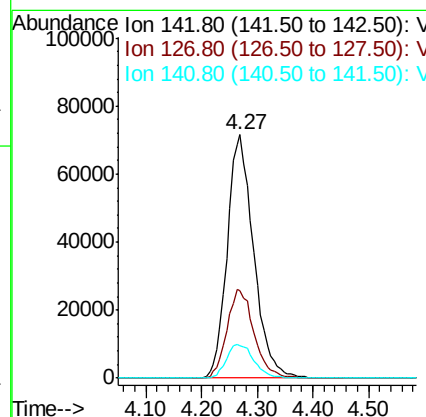
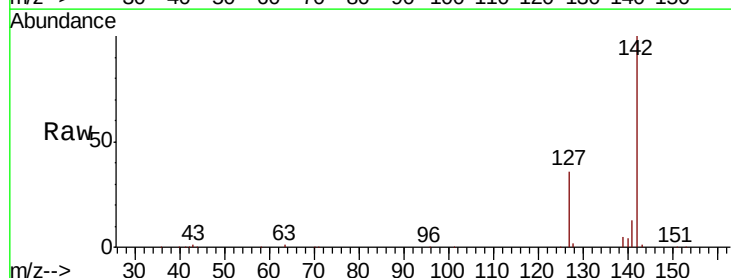
RT: 4.27 min Scan# 388

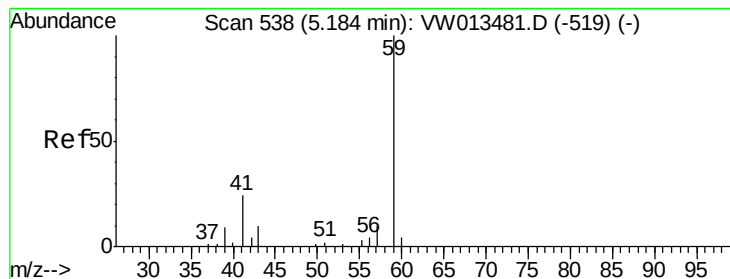
Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Tgt Ion:	142	Resp:	234934
Ion Ratio	Lower	Upper	
142	100		
127	37.2	29.6	44.4
141	14.6	12.1	18.1





#11

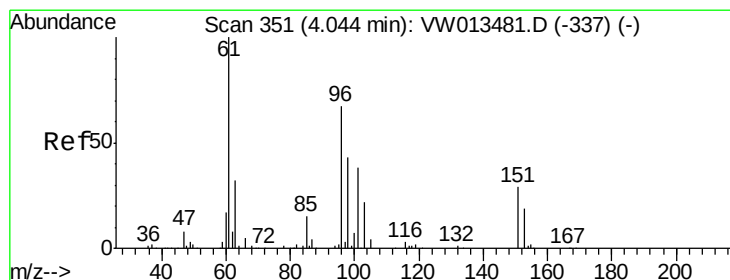
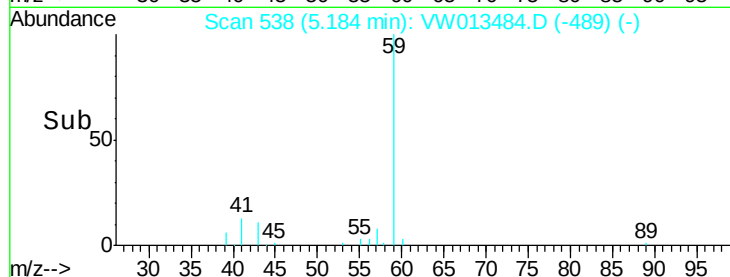
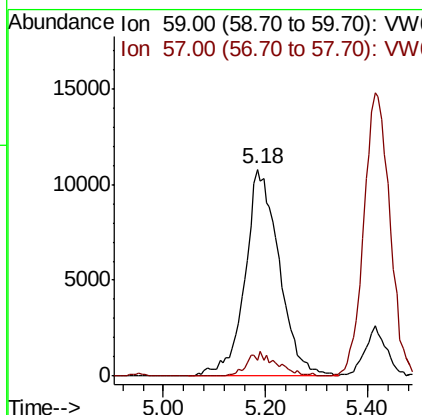
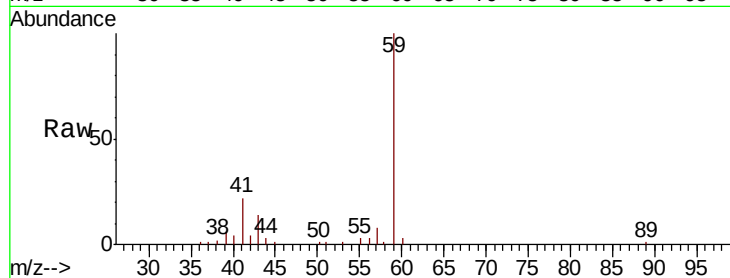
Tert butyl alcohol
Concen: 268.312 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVW100819

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.8	8.2	12.4#

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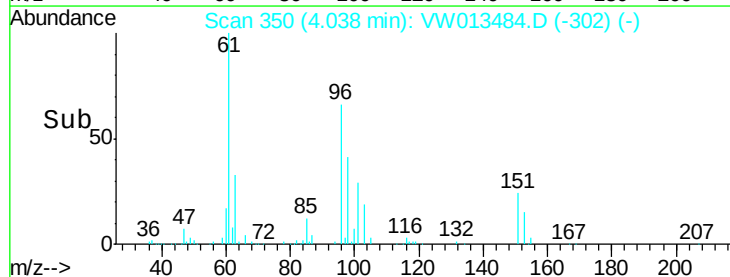
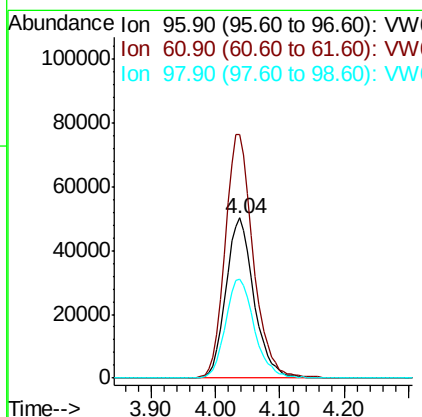
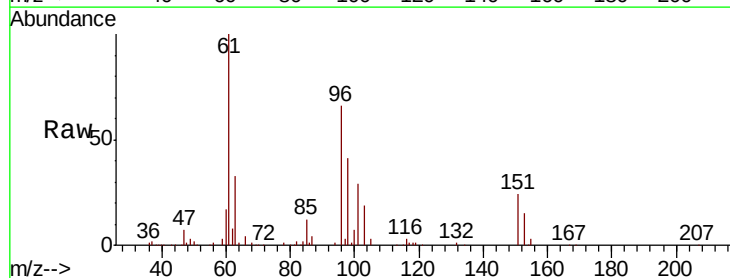
MMDadoda
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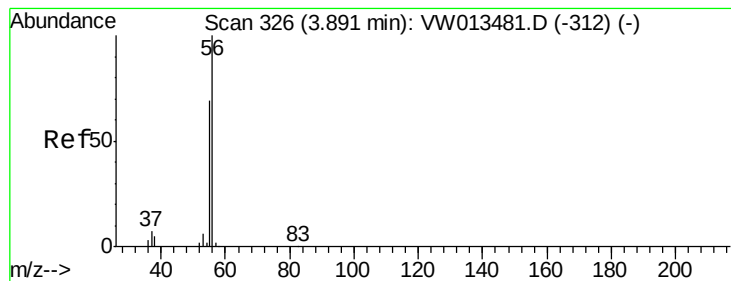


#12

1,1-Dichloroethene
Concen: 51.616 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.4	119.4	179.0
98	61.8	51.1	76.7





#13

Acrolein

Concen: 243.736 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100819

Tot Ion: 56 Resp: 57751

Ion Ratio Lower Upper

56 100

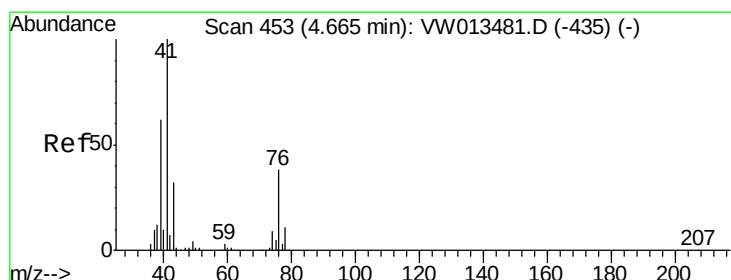
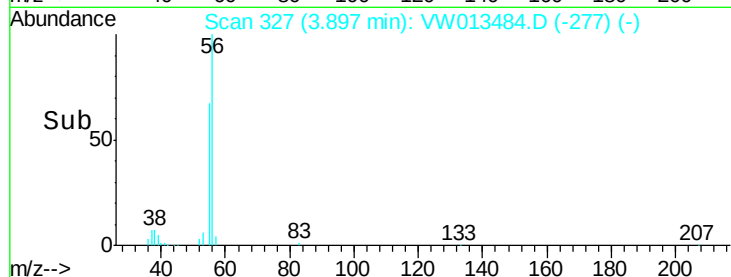
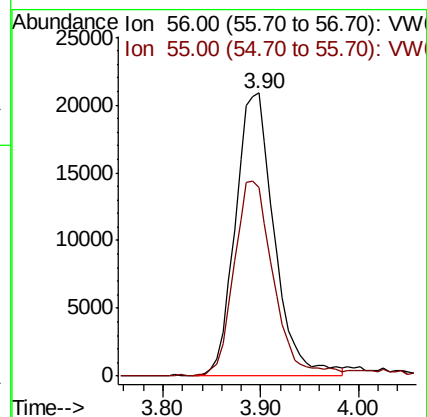
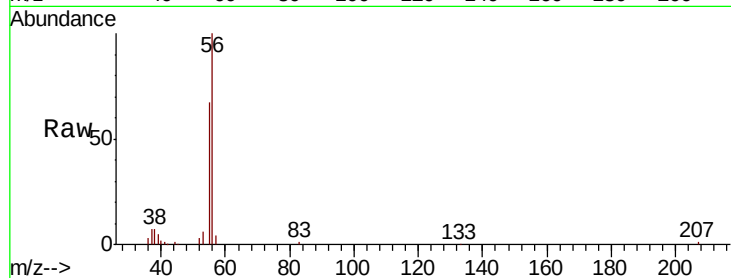
55 71.2 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 52.284 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

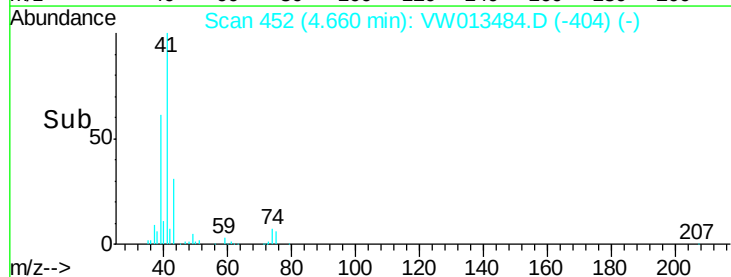
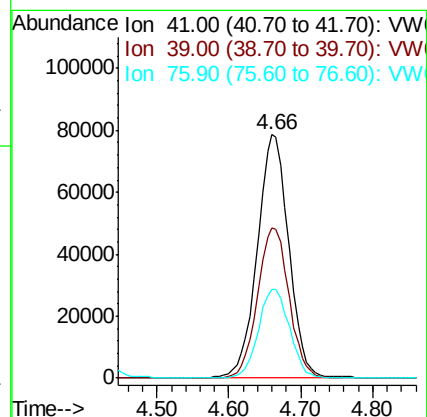
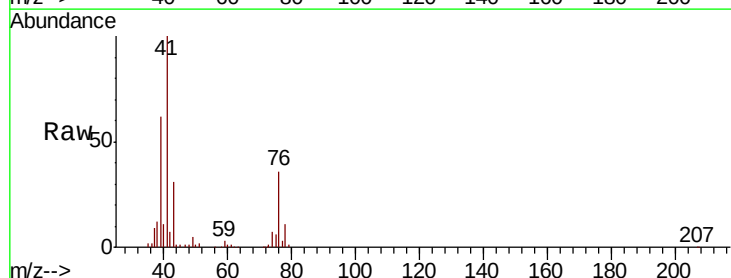
Tgt Ion: 41 Resp: 238921

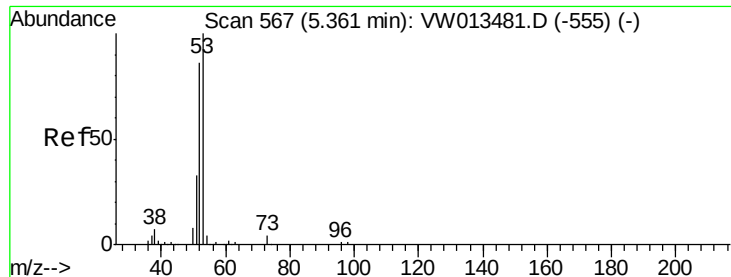
Ion Ratio Lower Upper

41 100

39 61.8 50.1 75.1

76 36.2 29.0 43.4





#15

Acrylonitrile

Concen: 249.933 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

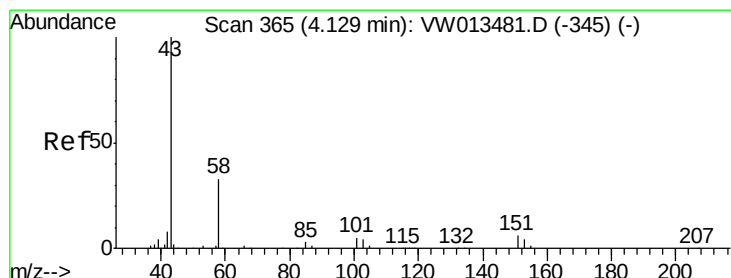
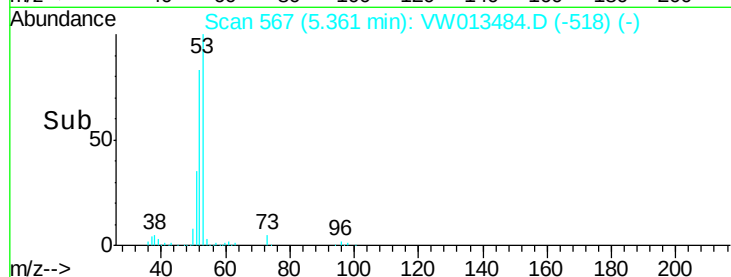
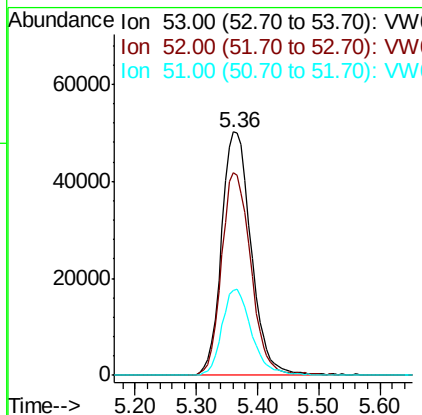
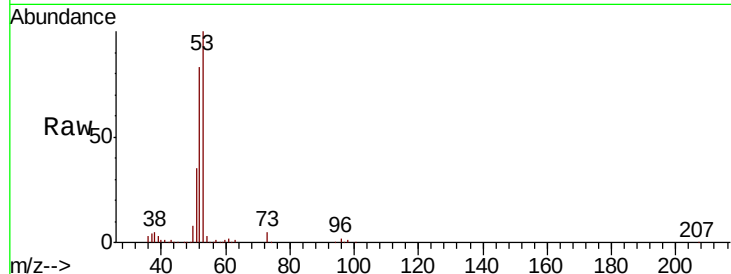
ClientSampleId :

ICVWV100819

Tot Ion:	53	Resp:	168328
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.8	98.8
51	35.0	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 270.733 ug/l

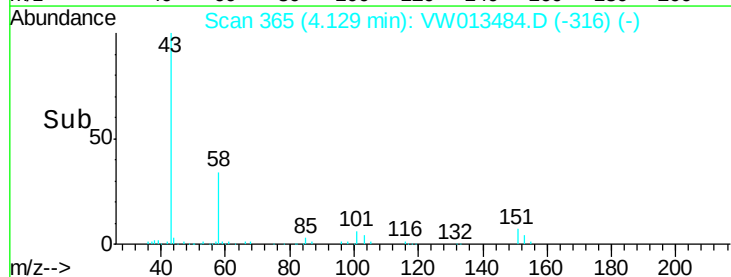
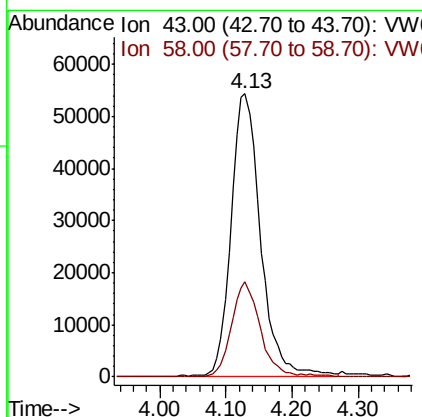
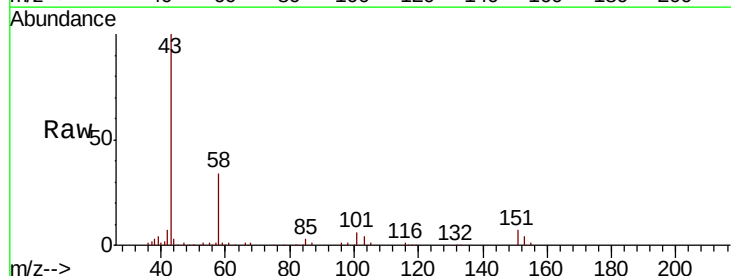
RT: 4.13 min Scan# 365

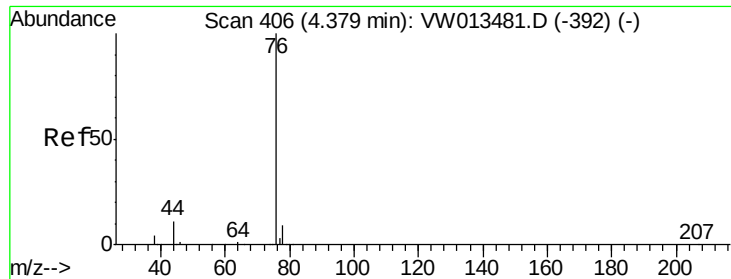
Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Tgt Ion:	43	Resp:	166768
Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.1	39.1





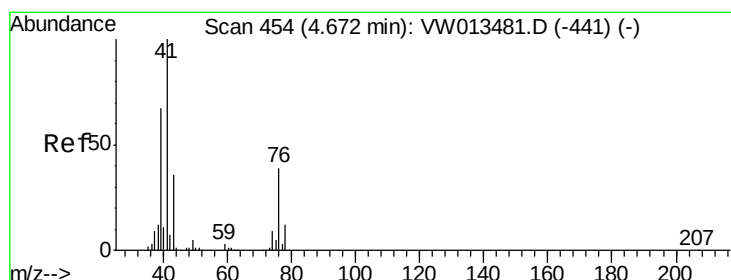
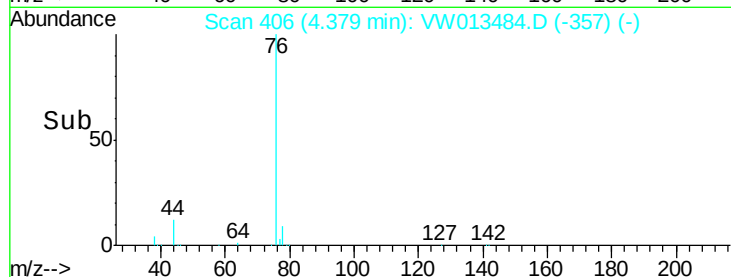
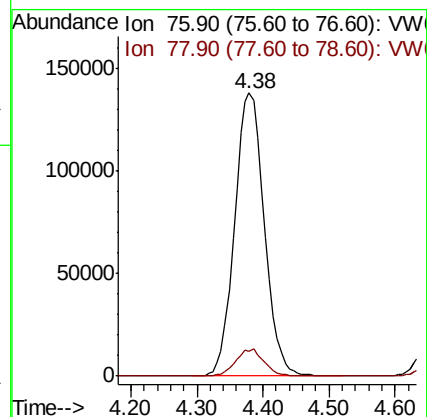
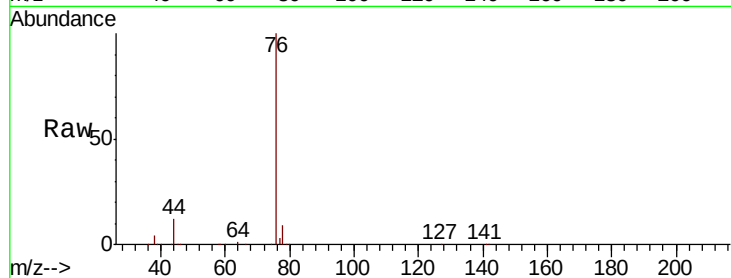
#17
Carbon Disulfide
Concen: 51.433 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVW100819

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

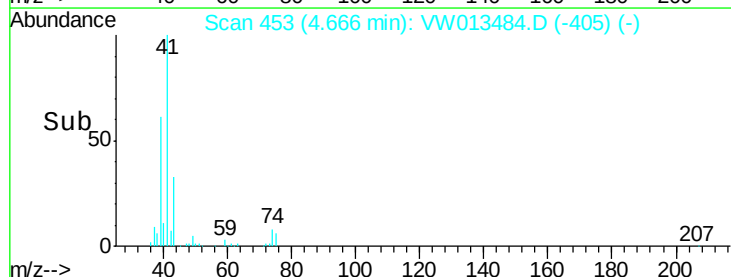
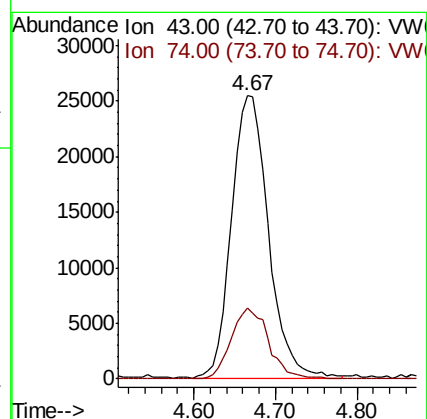
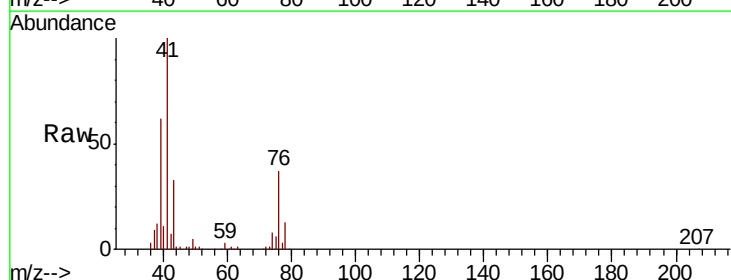
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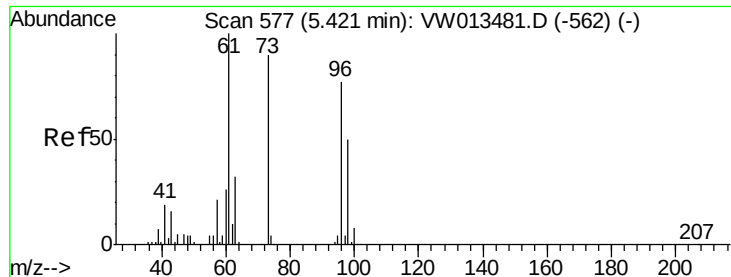
MMDadoda
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#18
Methyl Acetate
Concen: 45.060 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	19.6	29.4





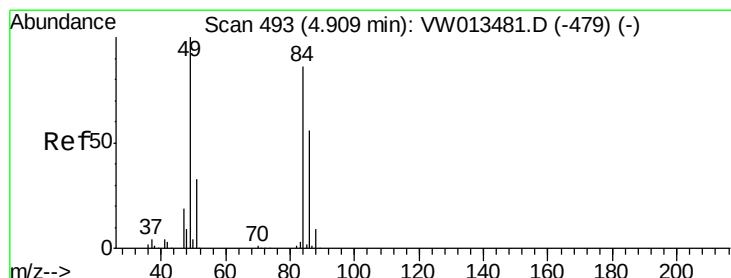
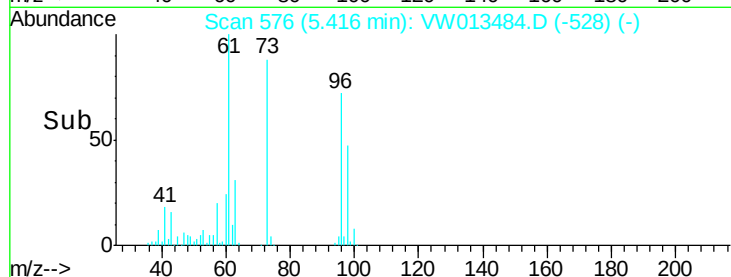
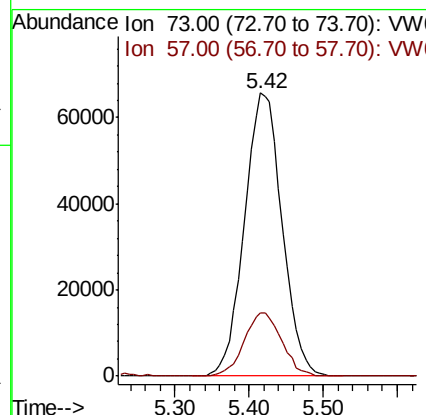
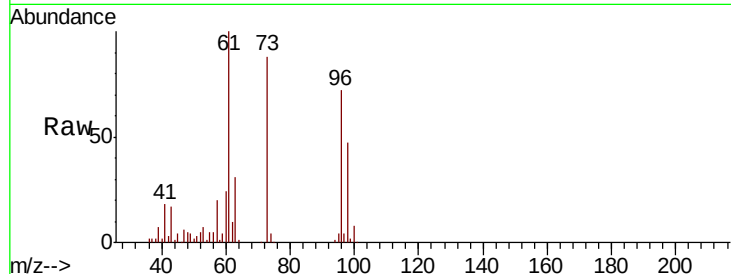
#19
Methyl tert-butyl Ether
Concen: 51.678 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100819

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.6	27.8

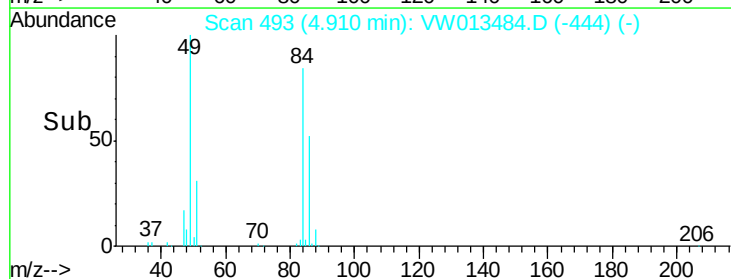
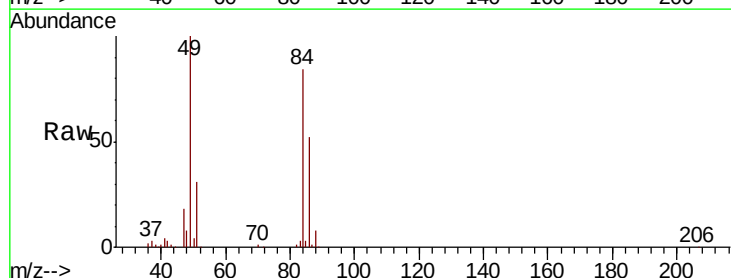
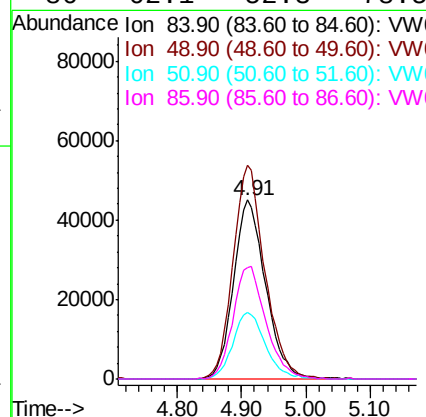
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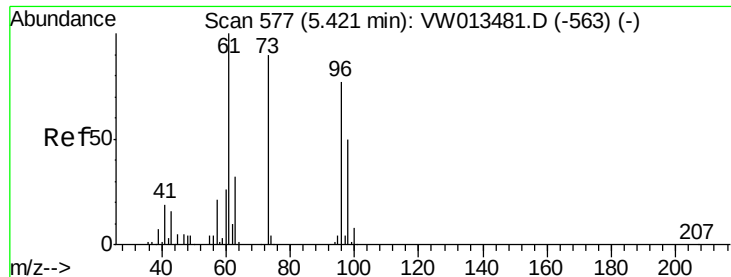
MMDadoda
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#20
Methylene Chloride
Concen: 52.817 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.4	93.4	140.0
51	37.6	30.6	46.0
86	62.1	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 51.339 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

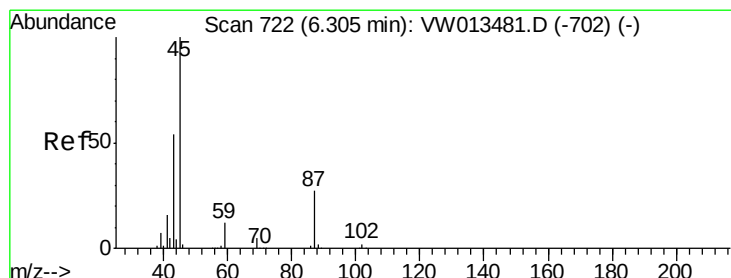
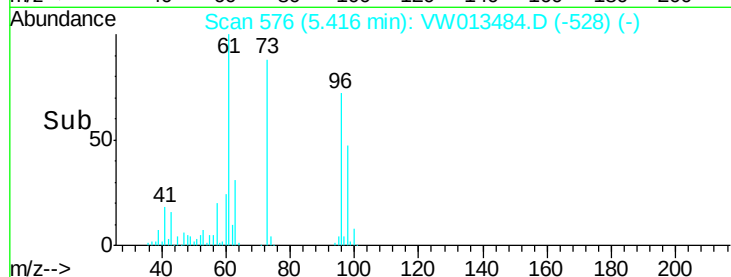
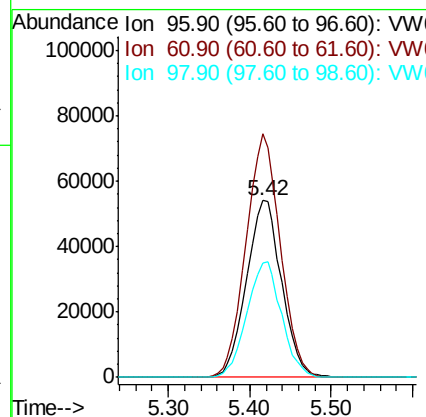
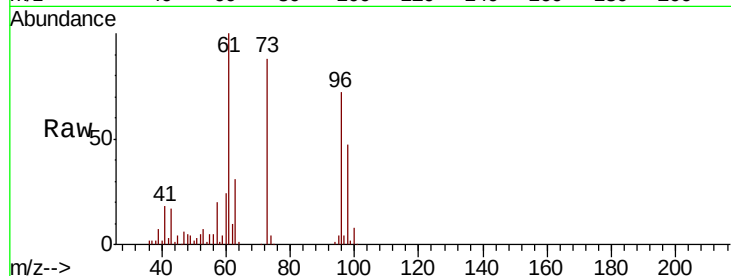
ClientSampleId :

ICVWV100819

Tot Ion:	96	Resp:	162219
Ion	Ratio	Lower	Upper
96	100		
61	137.9	104.3	156.5
98	64.4	51.8	77.8

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#22

Diisopropyl ether

Concen: 52.583 ug/l

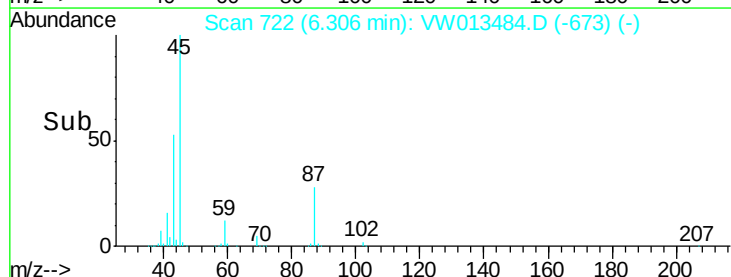
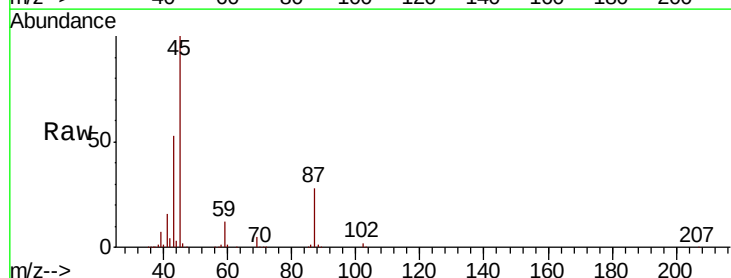
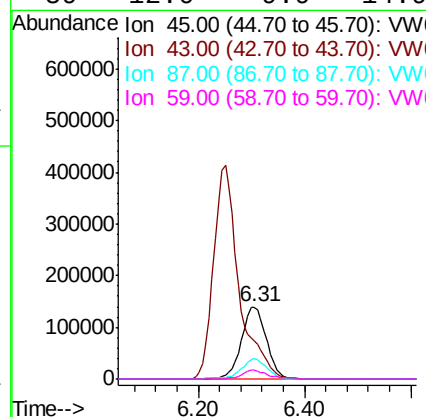
RT: 6.31 min Scan# 722

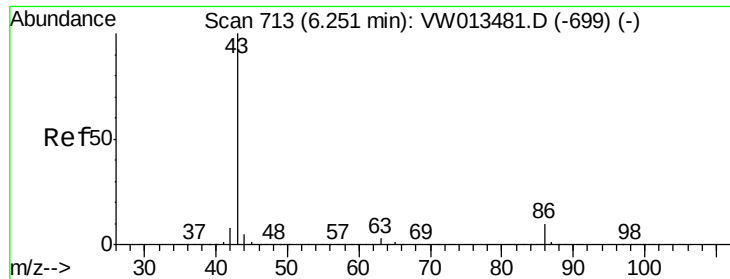
Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Tgt Ion:	45	Resp:	450213
Ion	Ratio	Lower	Upper
45	100		
43	52.8	43.4	65.0
87	28.0	22.1	33.1
59	12.0	9.9	14.9





#23

Vinyl Acetate

Concen: 265.591 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

ICVW100819

Tot Ion: 43 Resp: 1365220

Ion Ratio Lower Upper

43 100

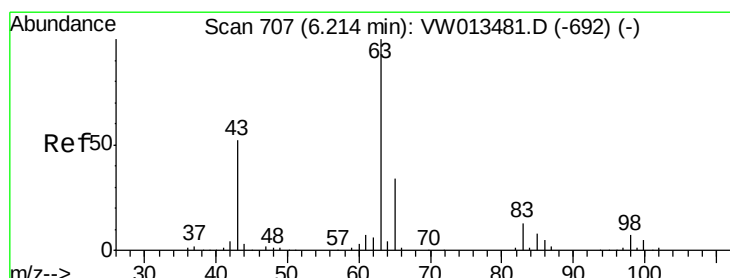
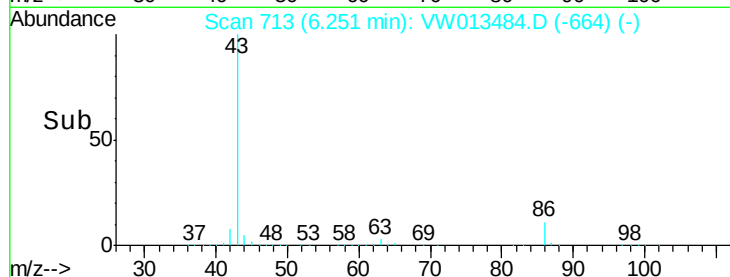
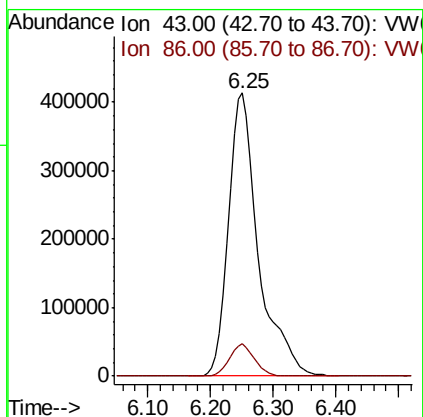
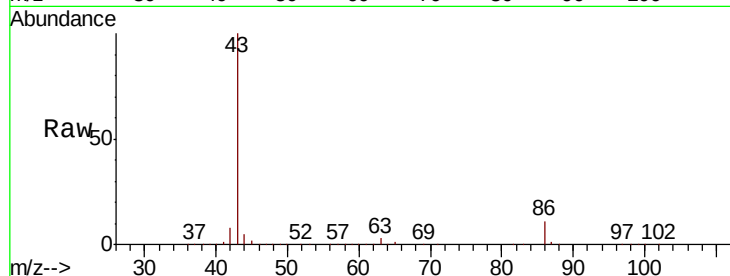
86 11.5 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.803 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

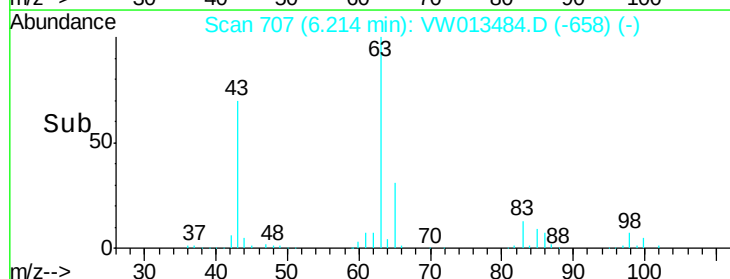
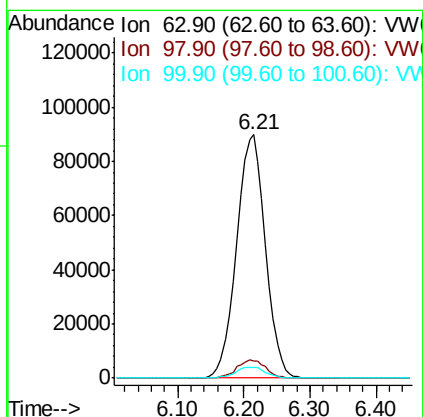
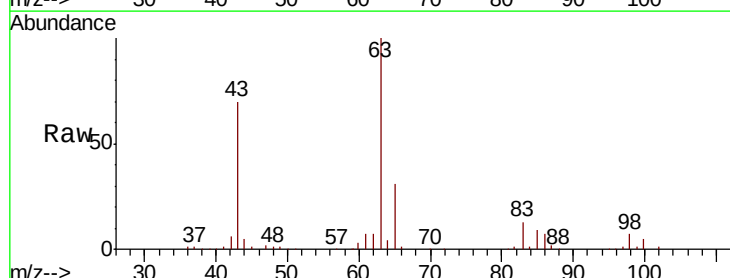
Tgt Ion: 63 Resp: 271093

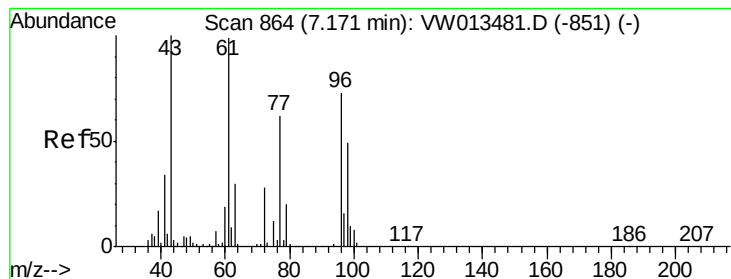
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 241.795 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100819

Tot Ion: 43 Resp: 219504

Ion Ratio Lower Upper

43 100

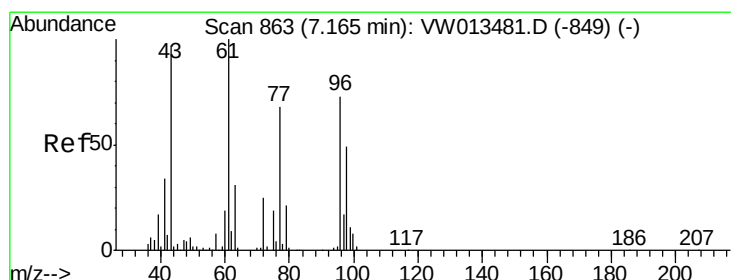
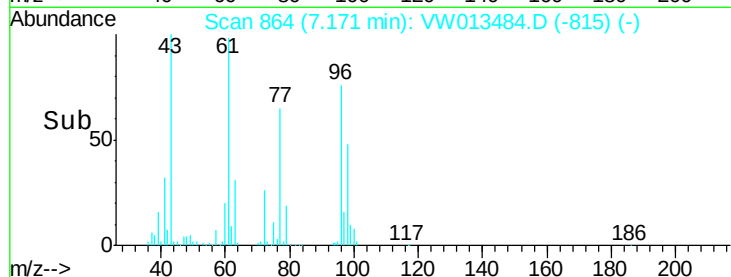
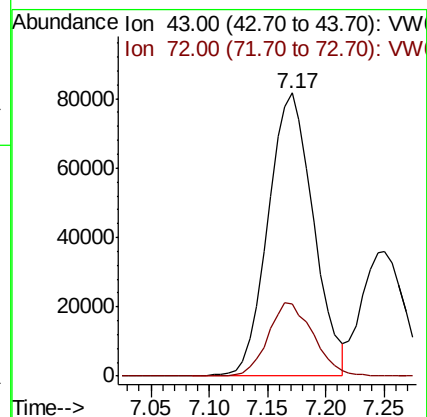
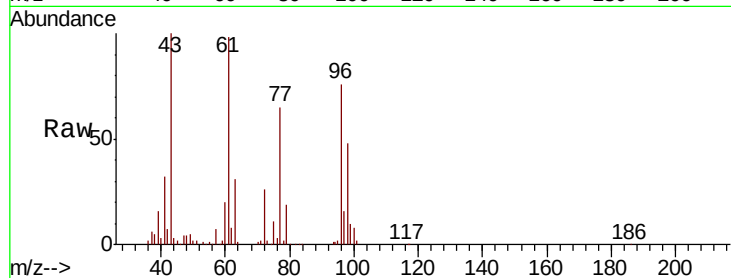
72 25.7 22.1 33.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.705 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013484.D

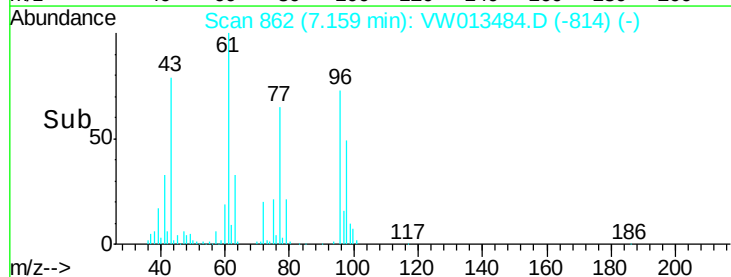
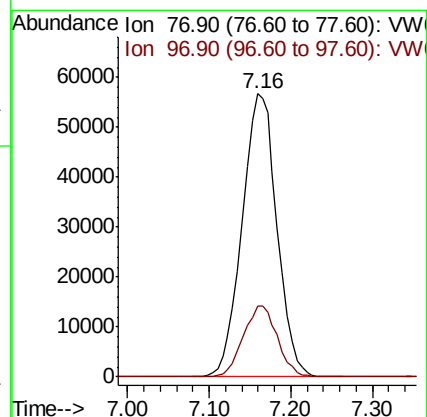
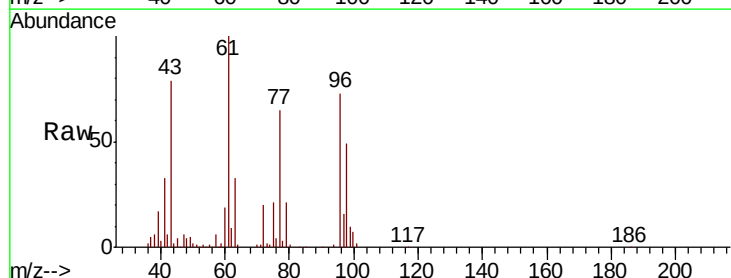
Acq: 08 Oct 2019 13:14

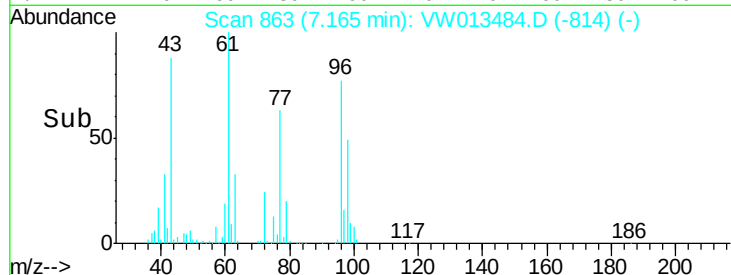
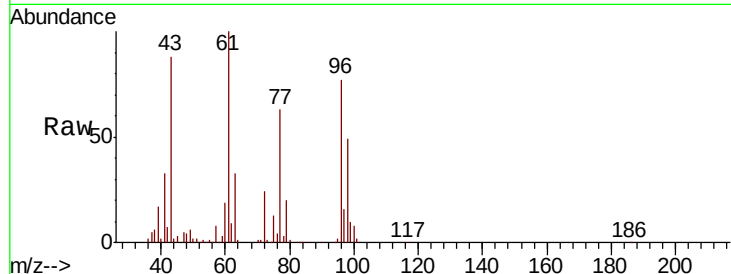
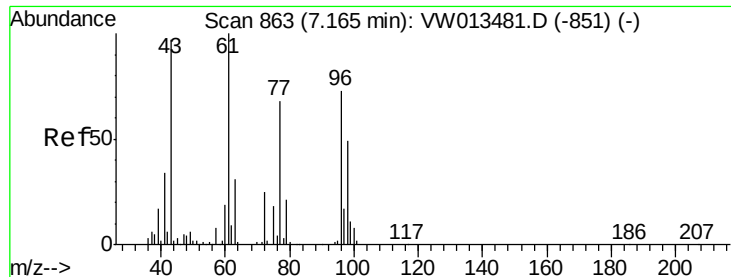
Tgt Ion: 77 Resp: 167684

Ion Ratio Lower Upper

77 100

97 24.5 12.6 37.6





#27

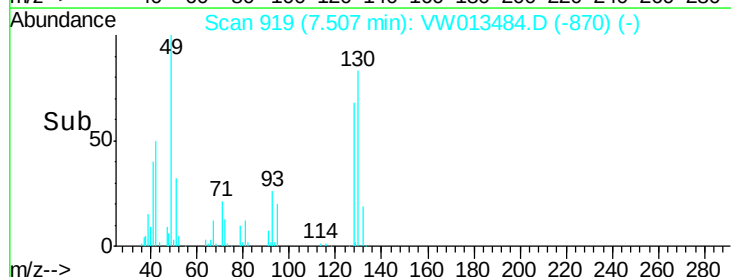
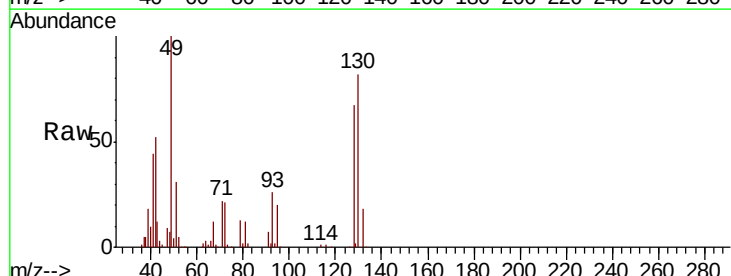
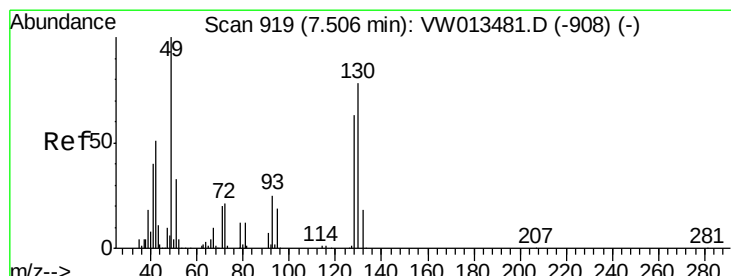
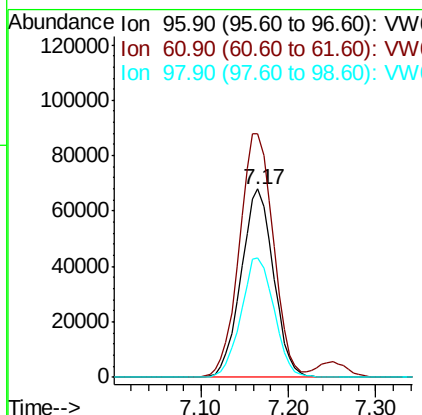
cis-1,2-Dichloroethene
Concen: 52.463 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tot Ion	Ratio	Resp	Lower	Upper
96	100	175406		
61	135.7	0.0	274.4	
98	64.7	0.0	130.2	

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100819

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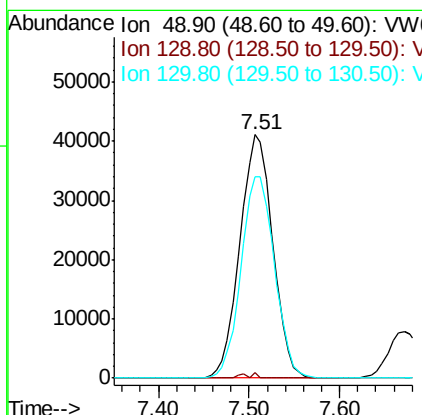
MMDadoda
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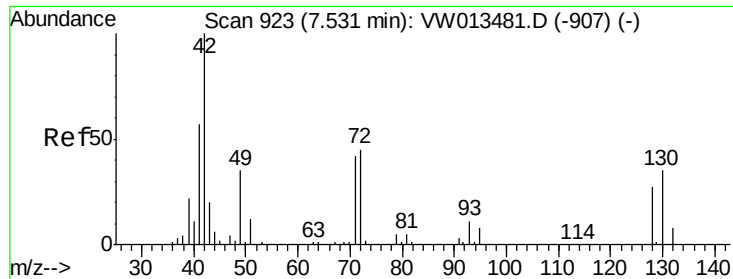


#28

Bromochloromethane
Concen: 51.019 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	103471		
129	0.4	0.0	1.6	
130	84.2	0.0	0.0#	





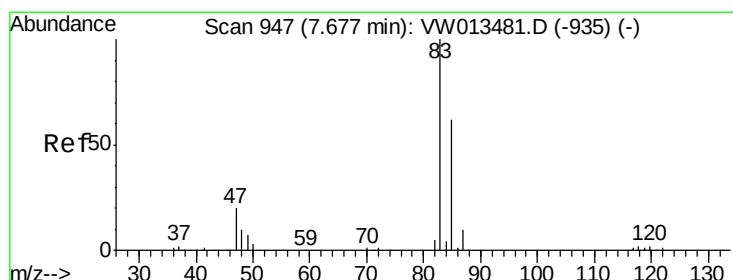
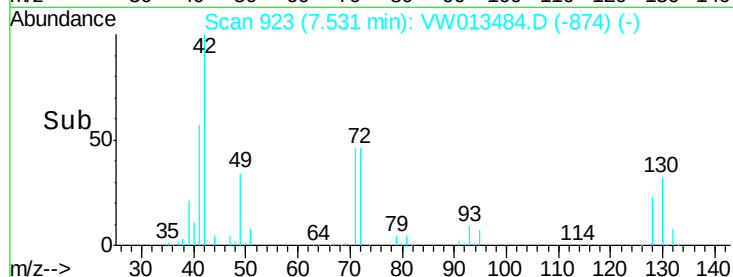
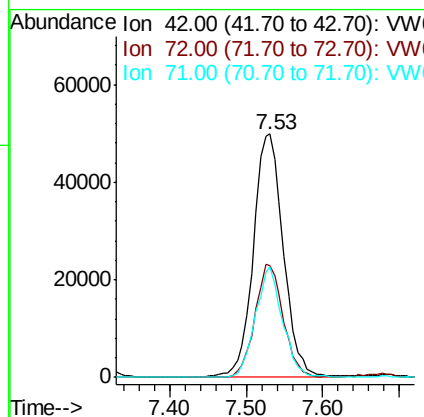
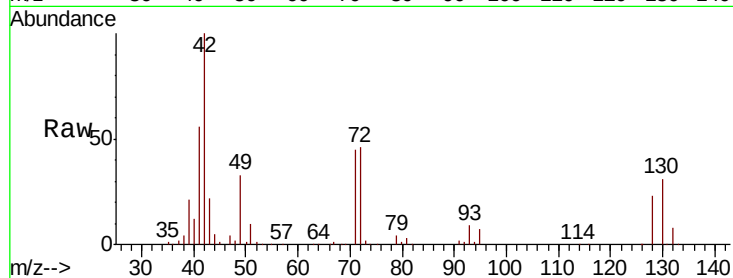
#29
Tetrahydrofuran
Concen: 245.752 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVW100819

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.8	52.2
71	41.2	33.6	50.4

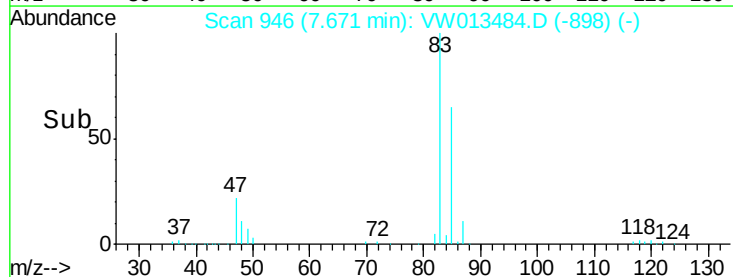
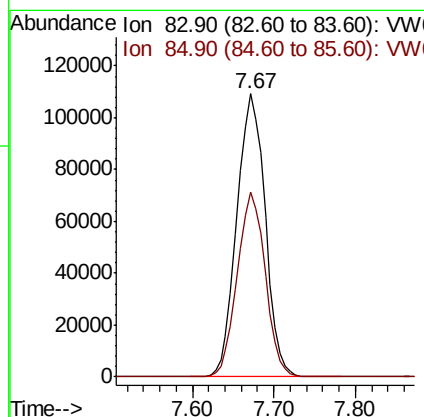
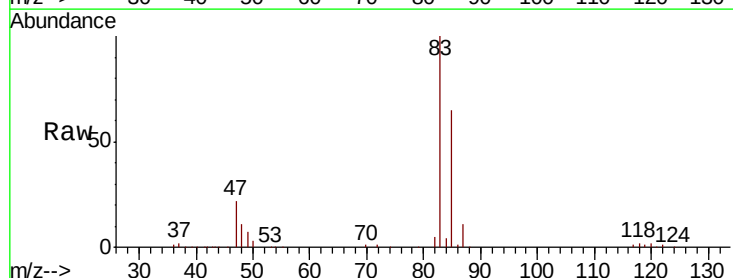
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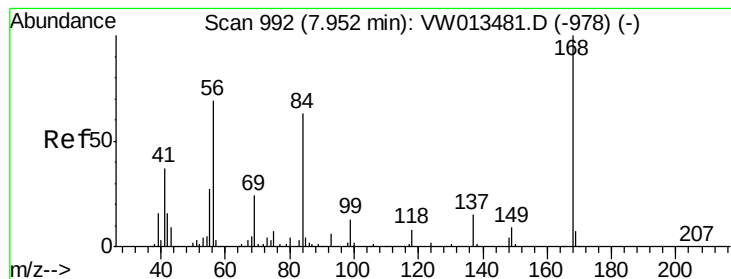
MMDadoda
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#30
Chloroform
Concen: 51.894 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	49.4	74.2





#31

Cyclohexane

Concen: 49.833 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100819

Tot Ion: 56 Resp: 276022

Ion Ratio Lower Upper

56 100

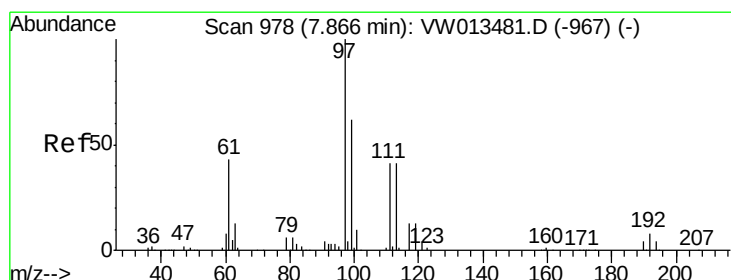
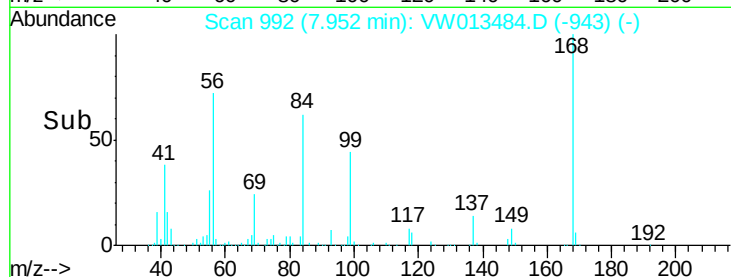
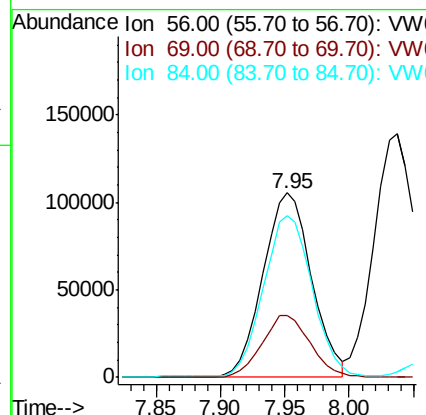
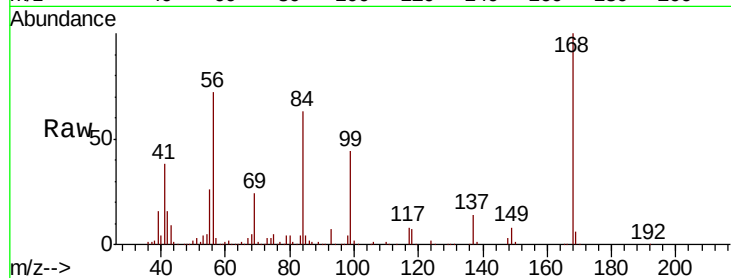
69 33.2 28.0 42.0

84 86.7 71.8 107.6

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#32

1,1,1-Trichloroethane

Concen: 51.932 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

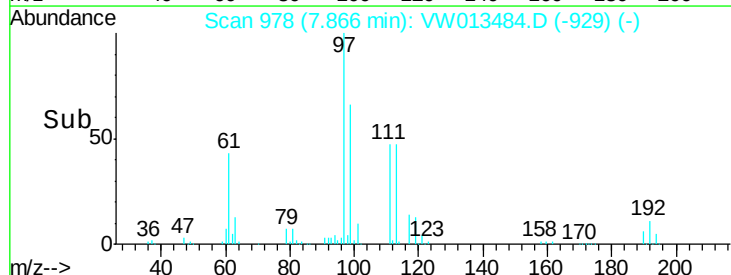
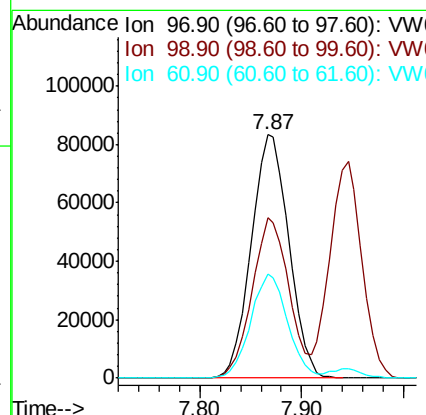
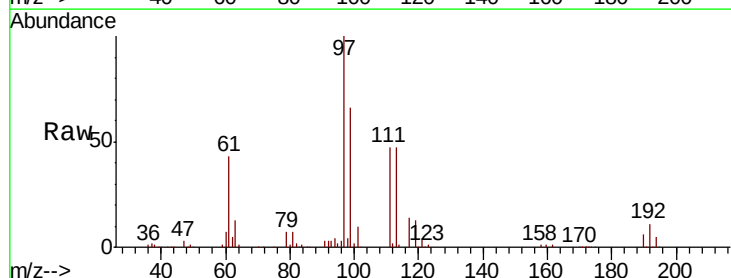
Tgt Ion: 97 Resp: 213687

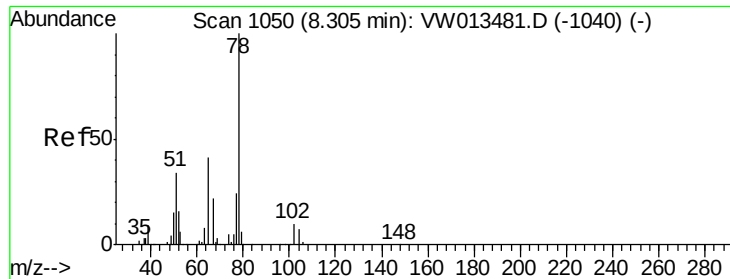
Ion Ratio Lower Upper

97 100

99 65.1 52.3 78.5

61 41.7 33.7 50.5





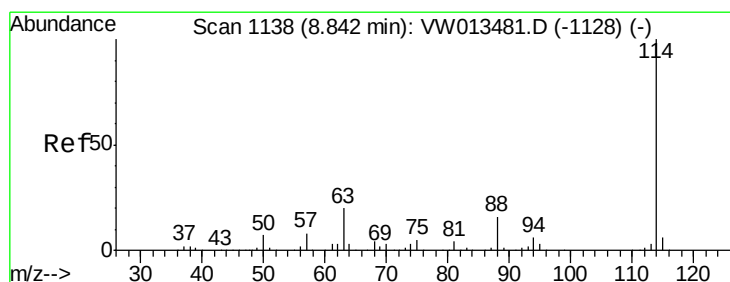
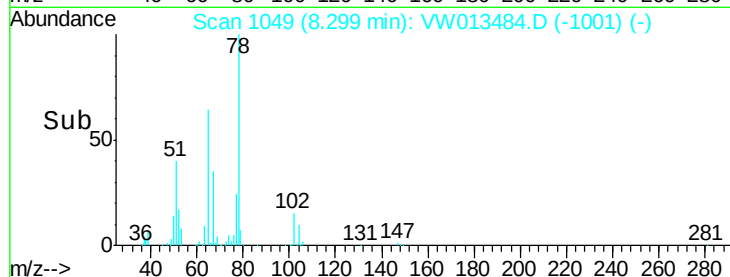
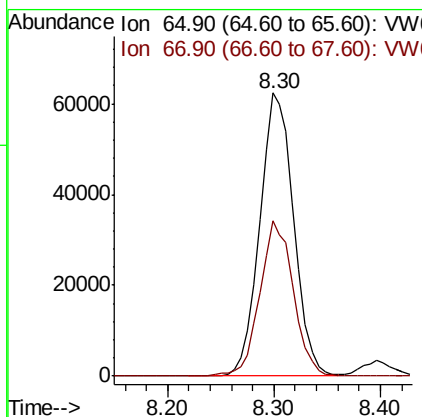
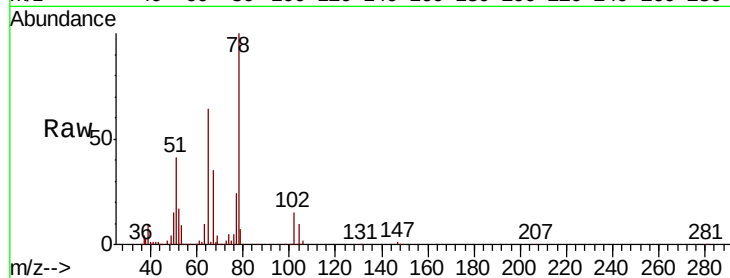
#33
 1,2-Dichloroethane-d4
 Concen: 52.394 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100819

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	109.4

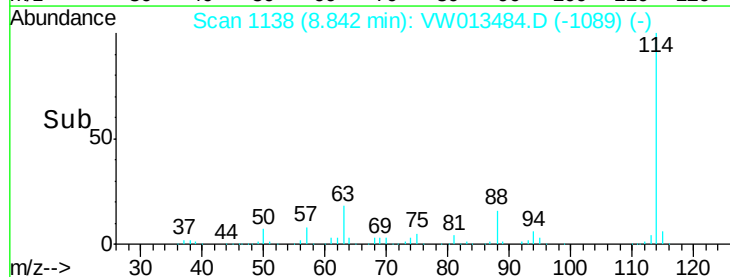
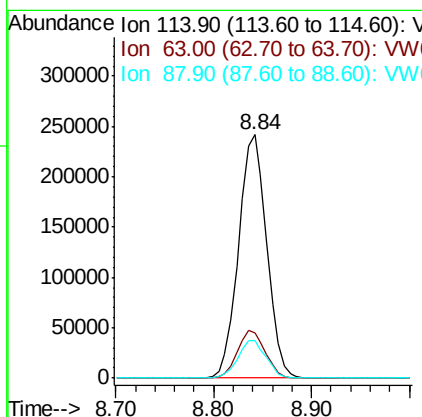
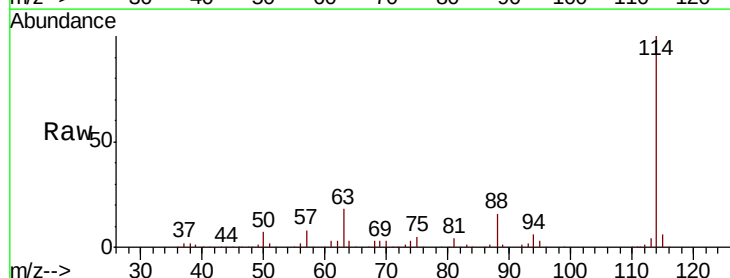
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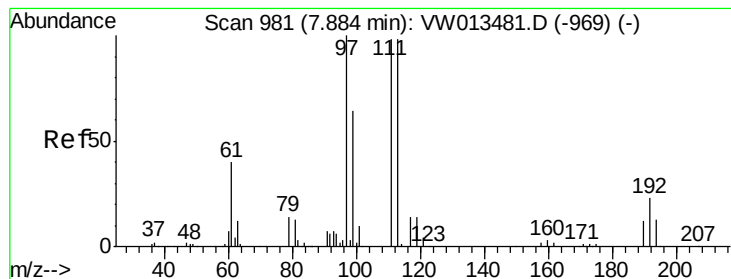
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	40.4
88	15.5	0.0	31.4





#35

Dibromofluoromethane

Concen: 52.975 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

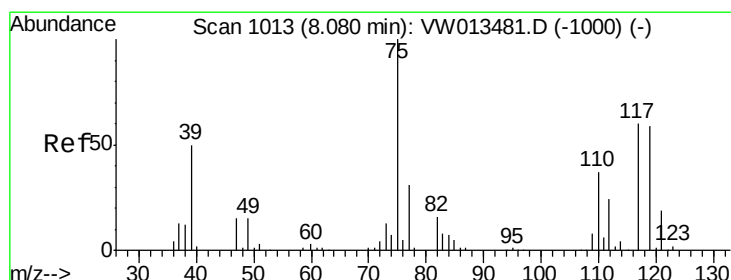
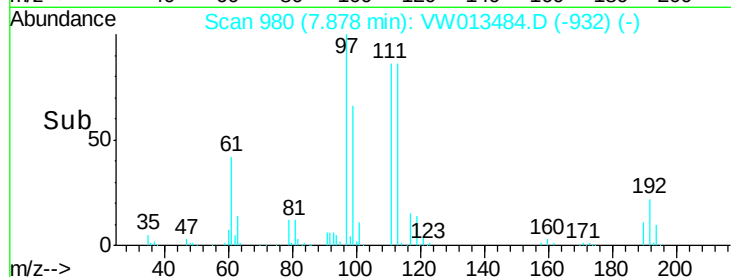
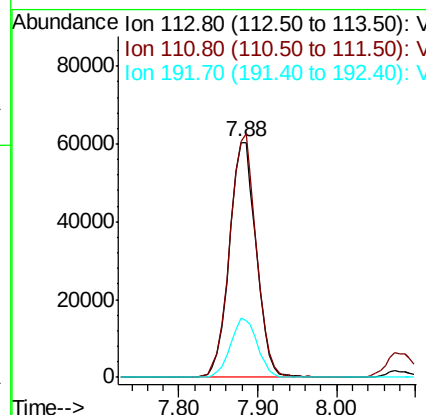
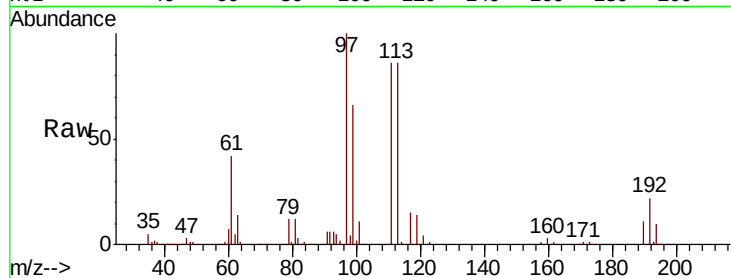
ClientSampleId :

ICVWV100819

Tot Ion:	113	Resp:	142551
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.3	123.5
192	25.0	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 51.740 ug/l

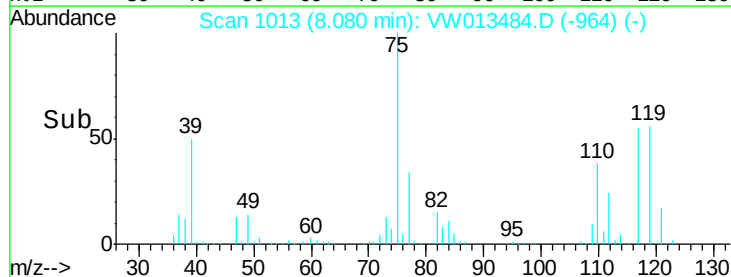
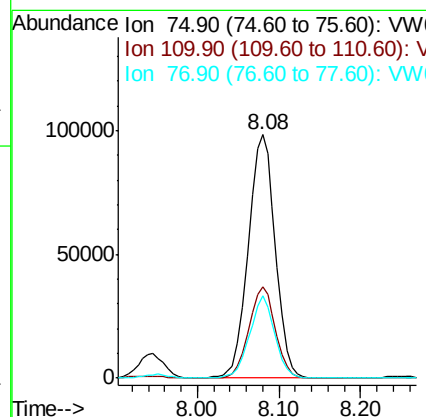
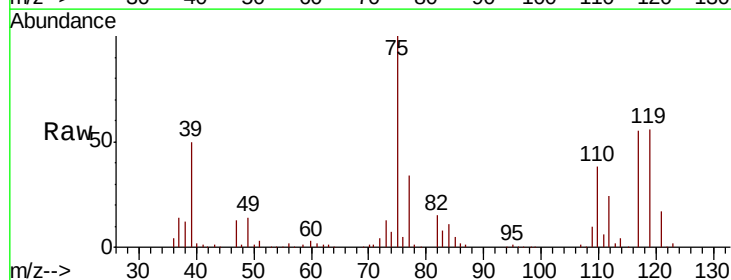
RT: 8.08 min Scan# 1013

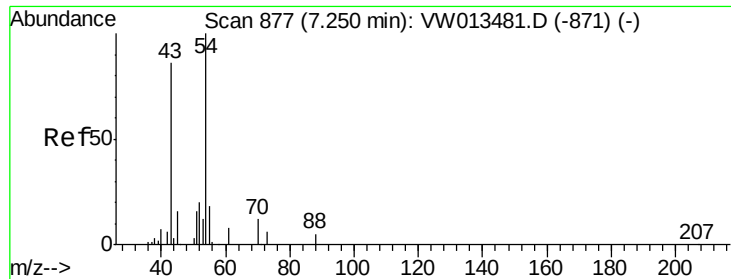
Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Tgt Ion:	75	Resp:	225506
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.4	55.2
77	31.6	25.0	37.4





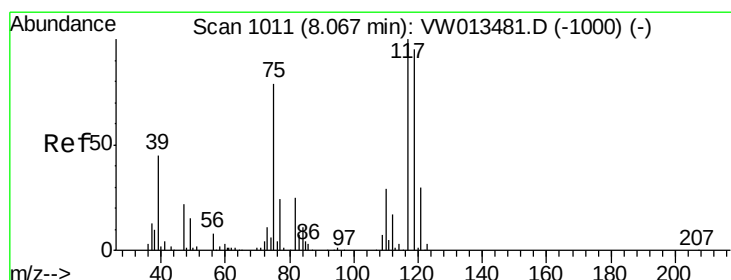
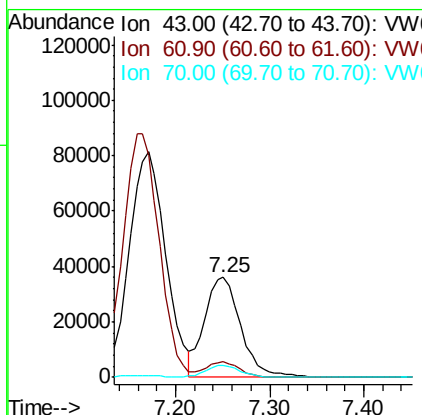
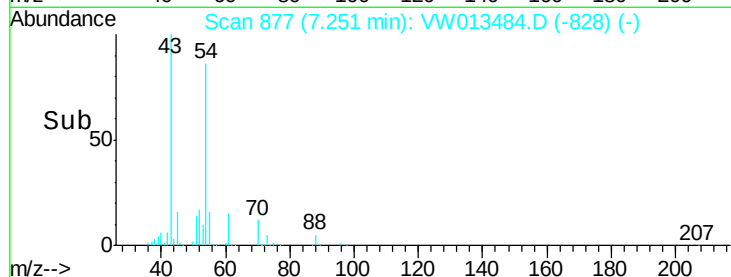
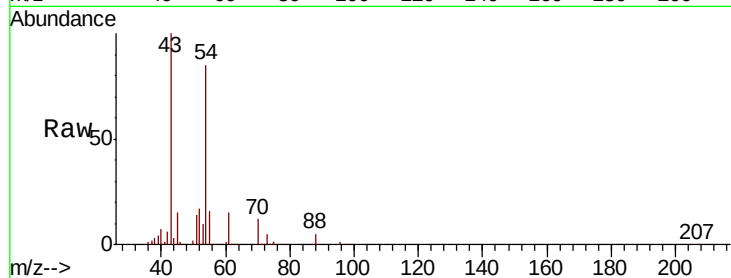
#37
Ethyl Acetate
Concen: 48.248 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampled :
ICVWV100819

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.9	16.3
70	11.5	9.2	13.8

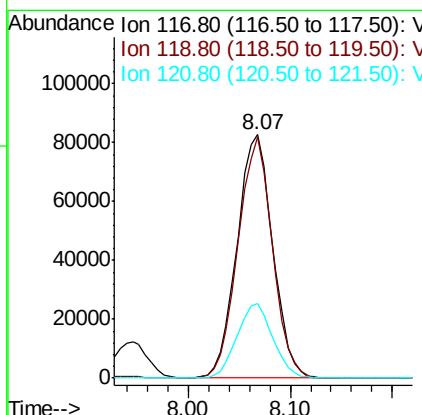
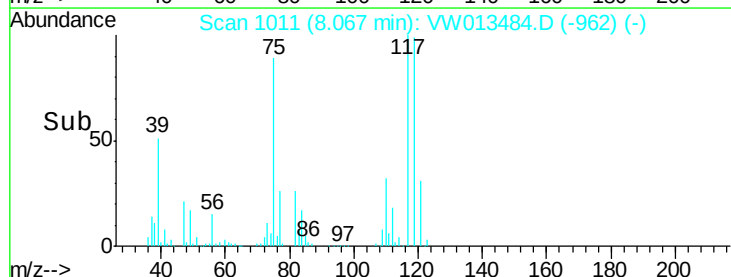
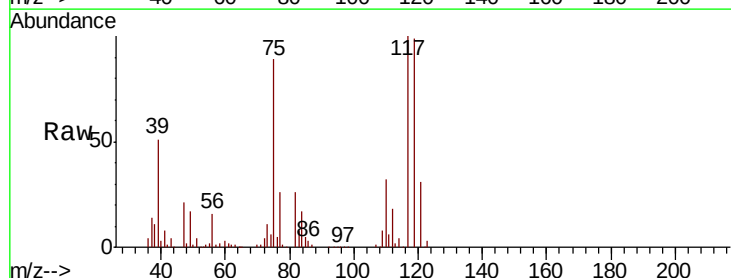
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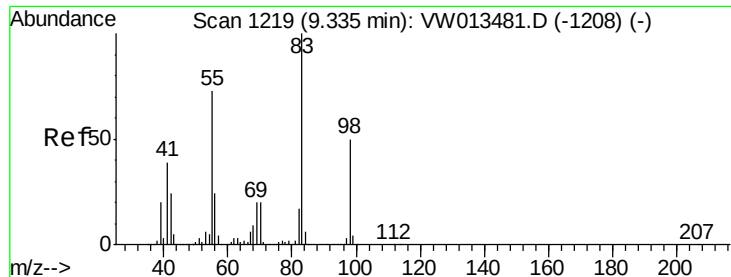
MMDadoda
10/9/2019 4:09:40 PM



#38
Carbon Tetrachloride
Concen: 52.035 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	76.3	114.5
121	30.6	23.6	35.4





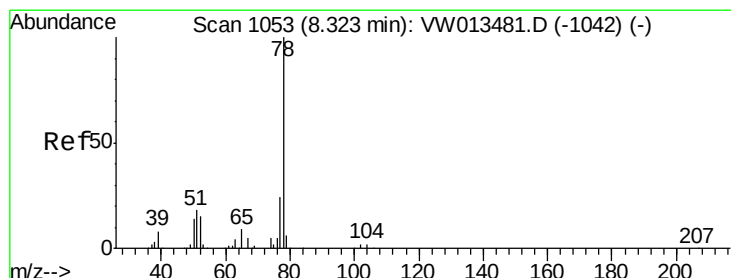
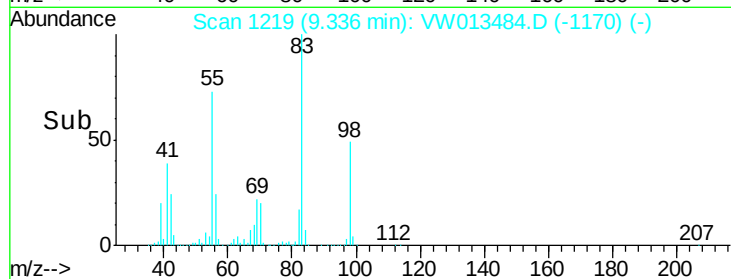
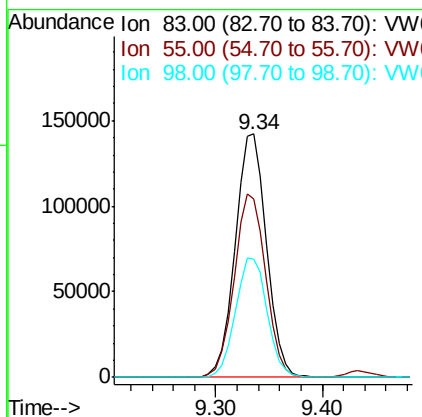
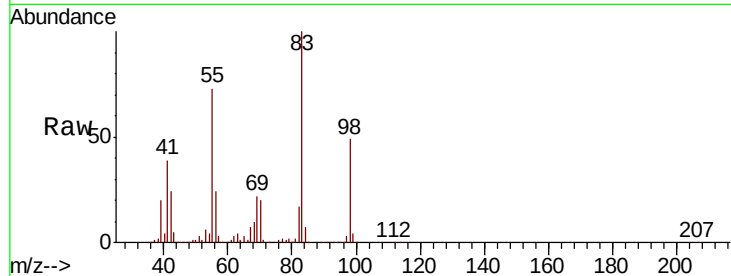
#39
Methylvlcyclohexane
Concen: 52.002 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVW100819

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.4	58.2	87.4
98	48.7	39.8	59.6

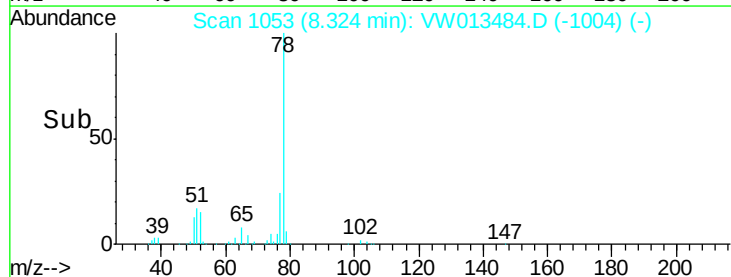
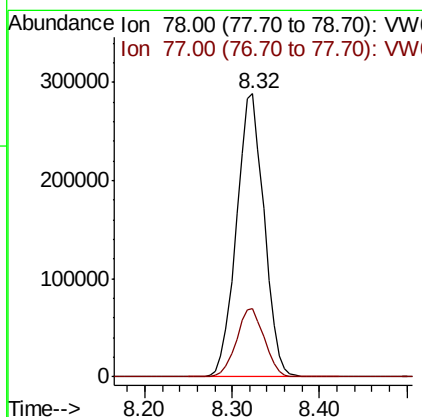
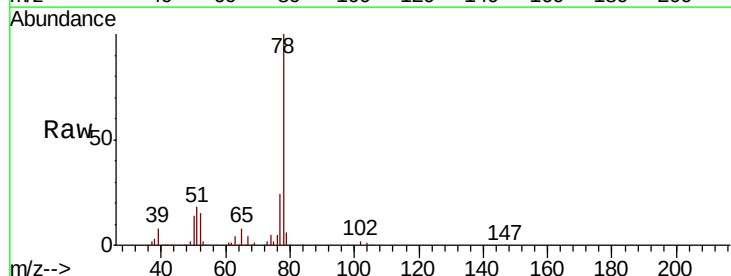
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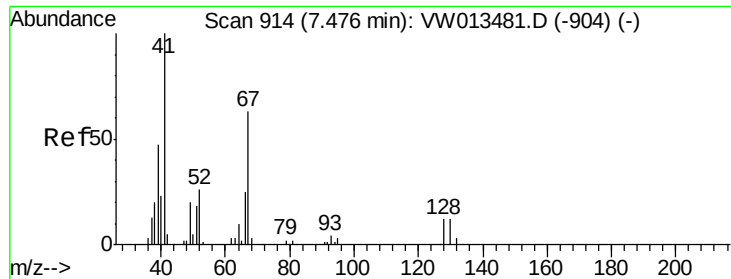
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#40
Benzene
Concen: 52.093 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





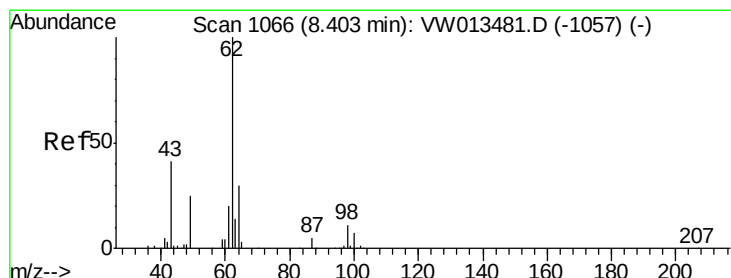
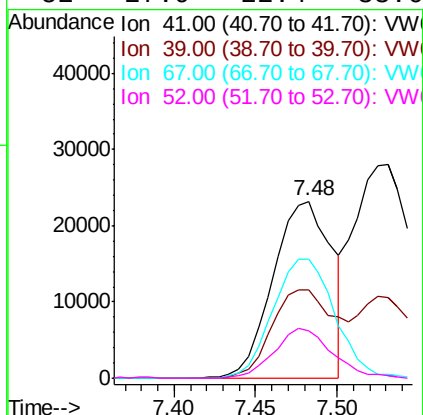
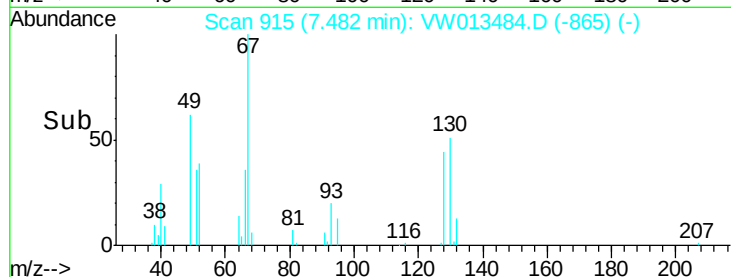
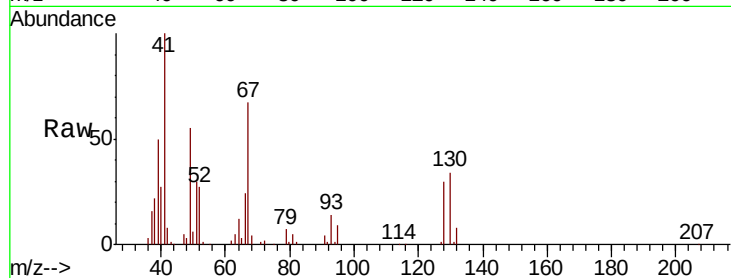
#41
Methacrylonitrile
Concen: 51.542 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVW100819

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	39.4	59.0	
67	70.7	57.0	85.6	
52	27.9	22.4	33.6	

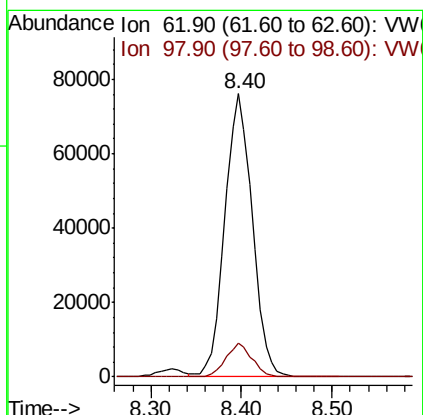
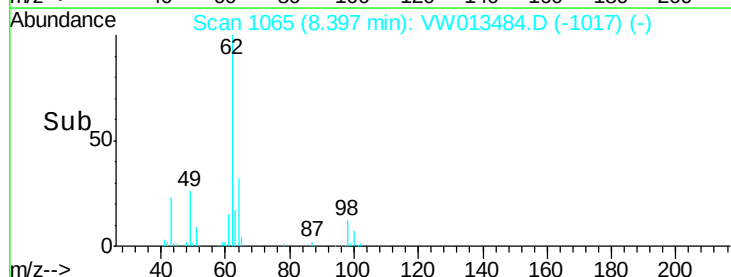
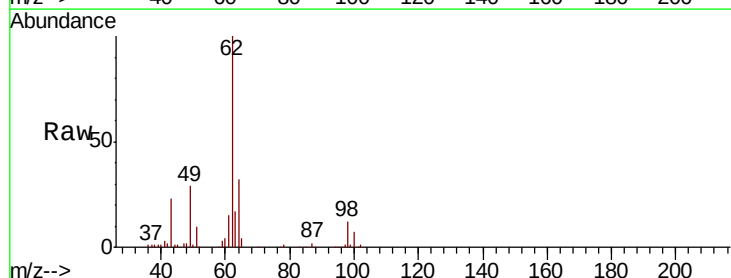
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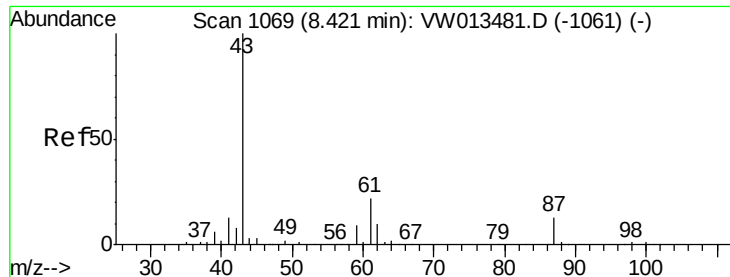
MMDadoda
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#42
1,2-Dichloroethane
Concen: 52.204 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.2	0.0	21.4	





#43

Isopropyl Acetate

Concen: 50.576 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

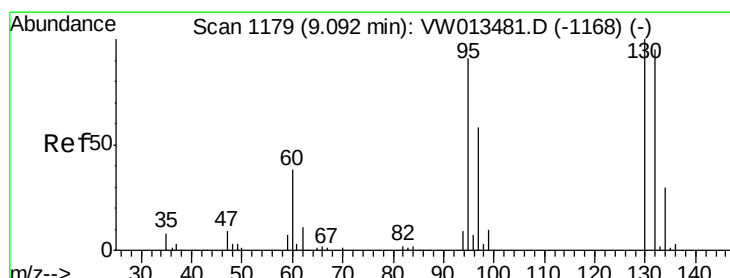
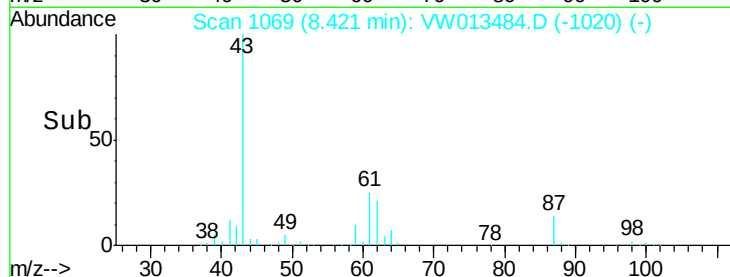
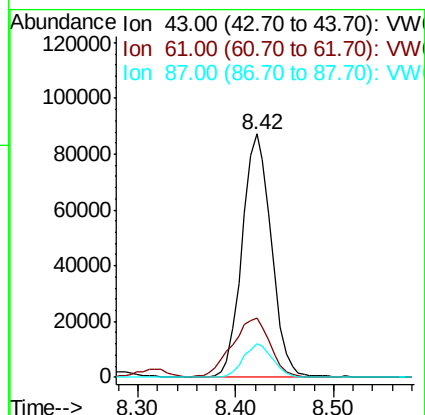
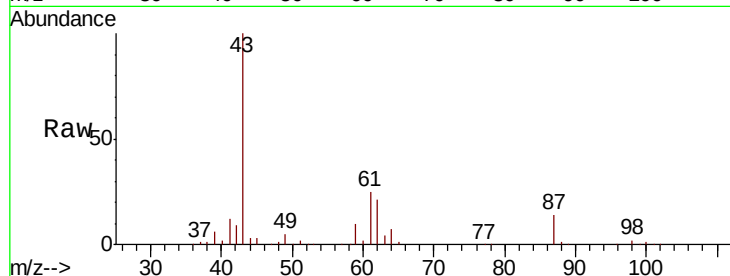
ClientSampleId :

ICVWV100819

Tot Ion:	43	Resp:	180690
Ion	Ratio	Lower	Upper
43	100		
61	32.0	25.4	38.2
87	13.9	10.8	16.2

Manual Integrations
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10/9/2019 4:09:40 PM



#44

Trichloroethene

Concen: 52.513 ug/l

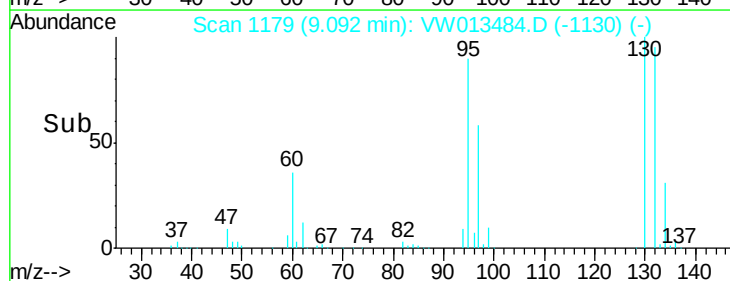
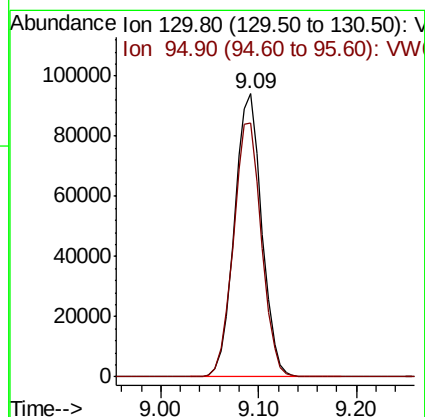
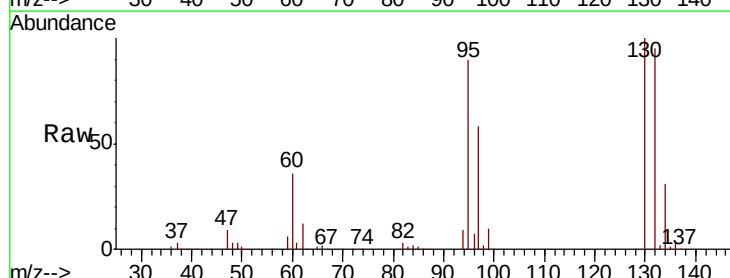
RT: 9.09 min Scan# 1179

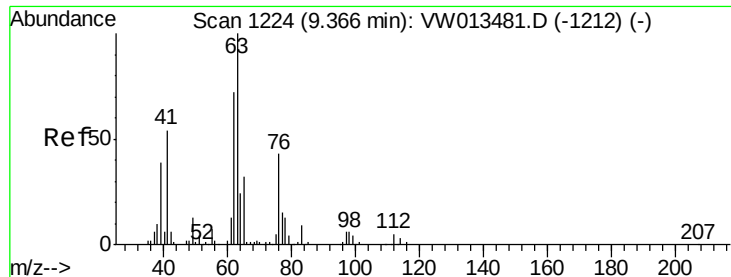
Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Tgt Ion:	130	Resp:	182262
Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	182.2





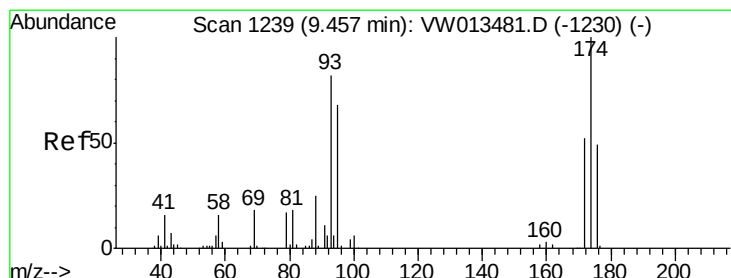
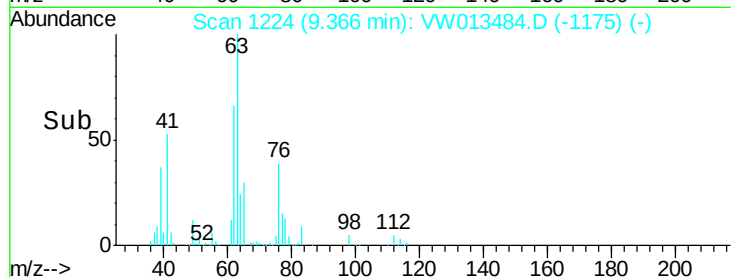
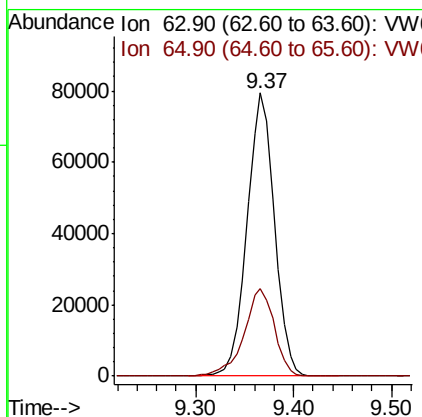
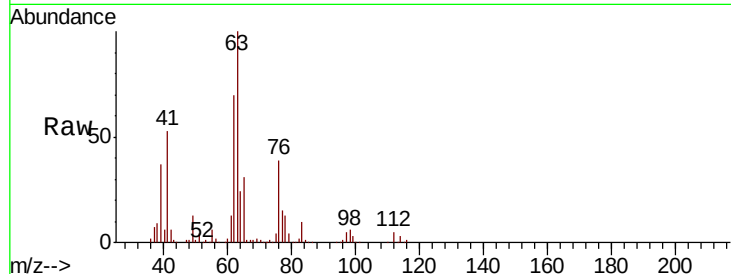
#45
 1,2-Dichloropropane
 Concen: 52.705 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100819

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	25.8	38.6

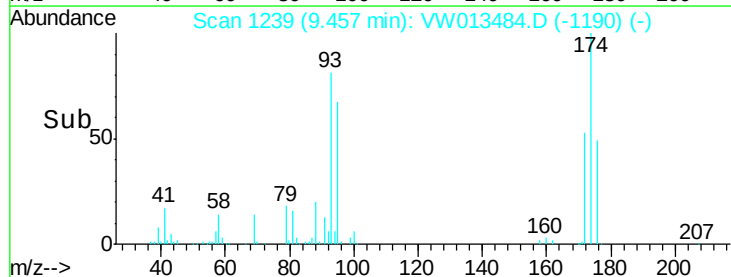
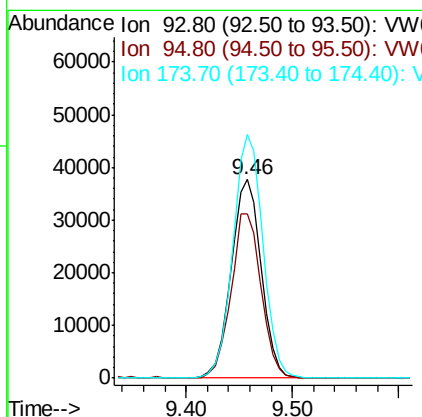
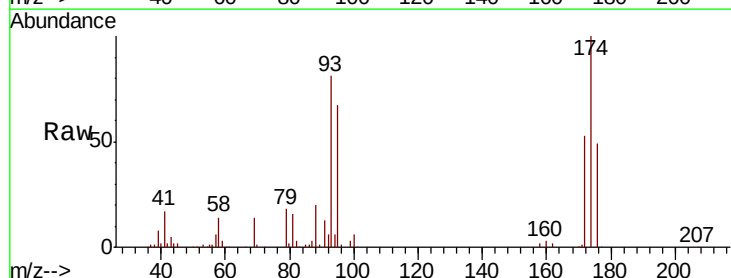
Manual Integrations
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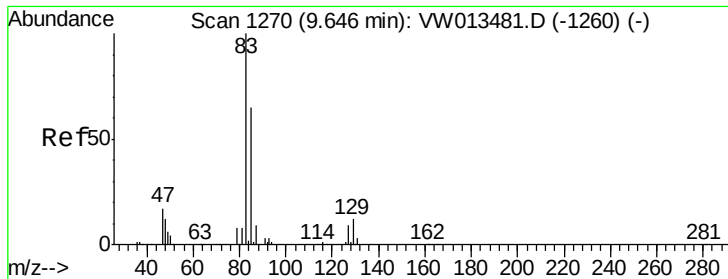
MMDadoda
 10/9/2019 4:09:40 PM



#46
 Dibromomethane
 Concen: 51.302 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	68.0	102.0
174	122.5	97.0	145.6





#47

Bromodichloromethane

Concen: 53.802 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

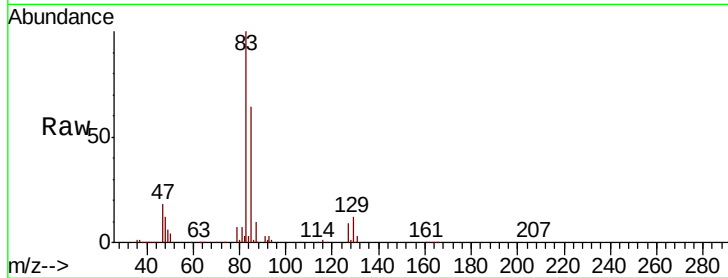
ClientSampleId :

ICVW0100819

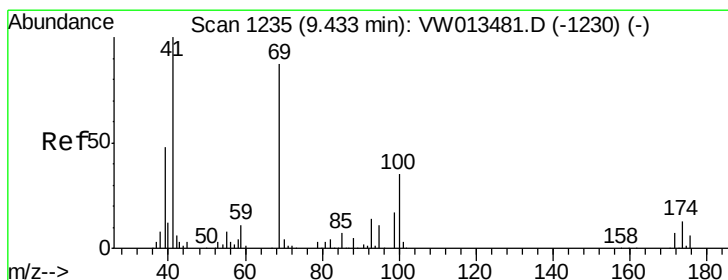
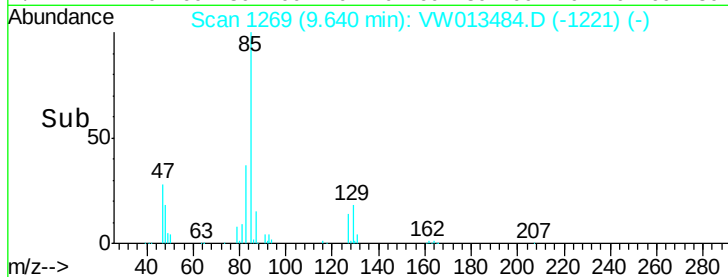
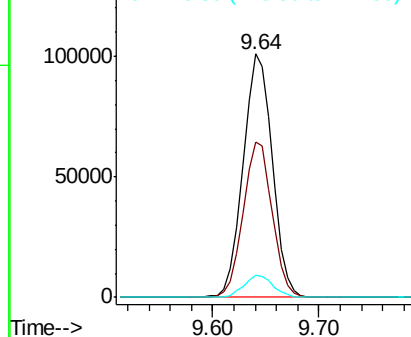
Tot Ion:	83	Resp:	194565
Ion Ratio	Lower	Upper	
83	100		
85	63.6	51.9	77.9
127	9.0	7.4	11.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.842 ug/l

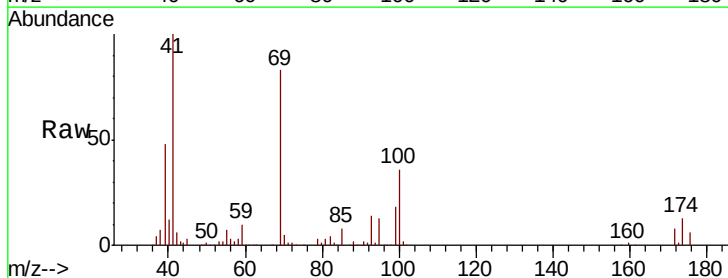
RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

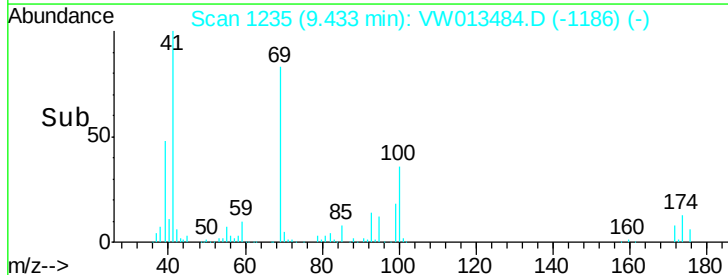
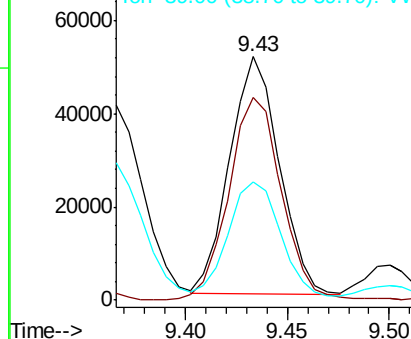
Lab File: VW013484.D

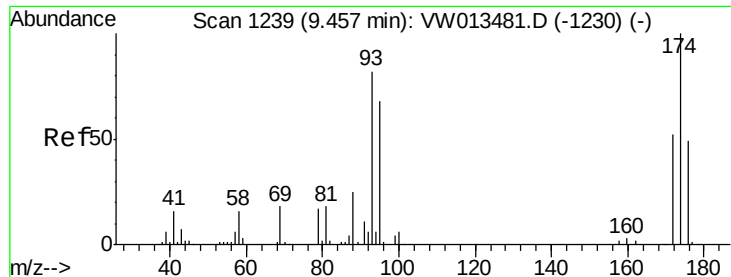
Acq: 08 Oct 2019 13:14

Tgt Ion:	41	Resp:	85953
Ion Ratio	Lower	Upper	
41	100		
69	91.4	70.4	105.6
39	50.2	37.3	55.9



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





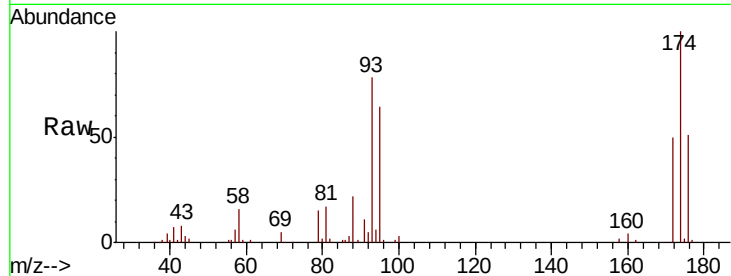
#49
1,4-Dioxane
Concen: 952.548 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100819

Tot Ion	88	Resp	24332
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.3	60.0	90.0

Manual Integrations
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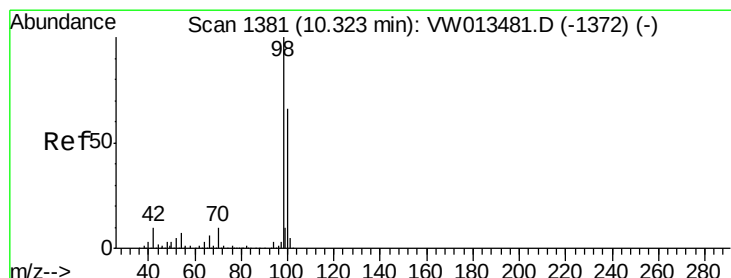
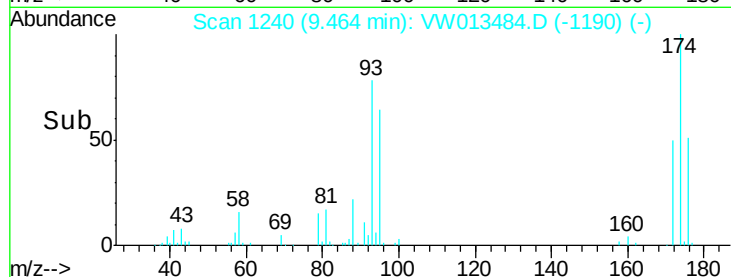
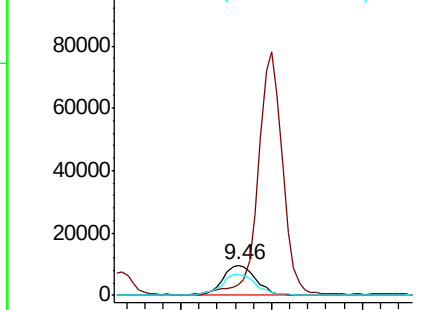


Abundance

Ion 88.00 (87.70 to 88.70): VW

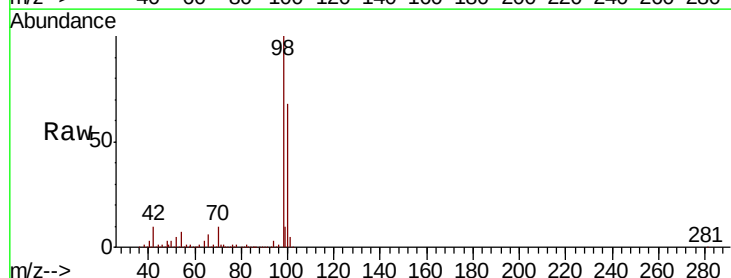
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 53.459 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

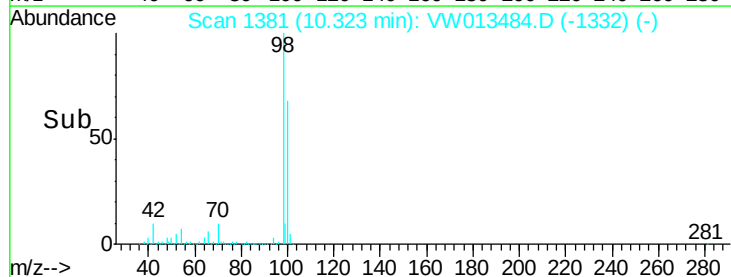
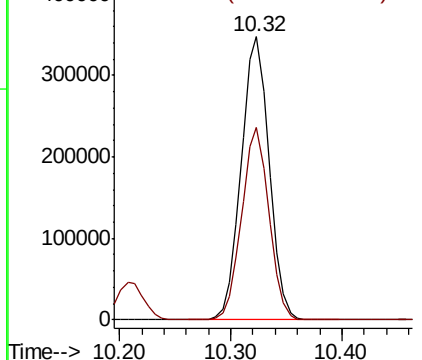
Tgt Ion	98	Resp	604539
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.2	79.8

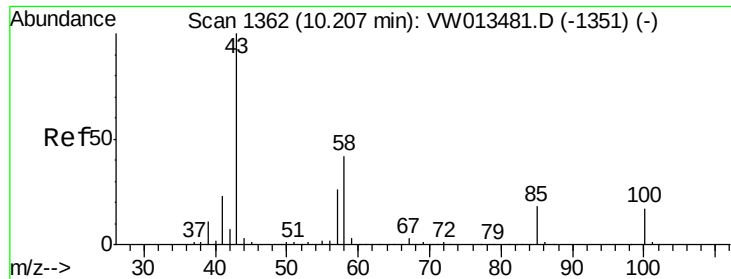


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 246.947 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100819

Tot Ion: 43 Resp: 463835

Ion Ratio Lower Upper

43 100

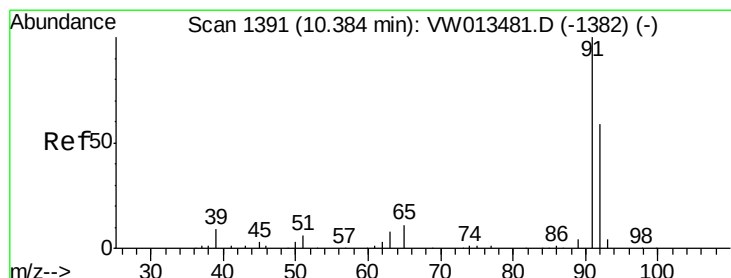
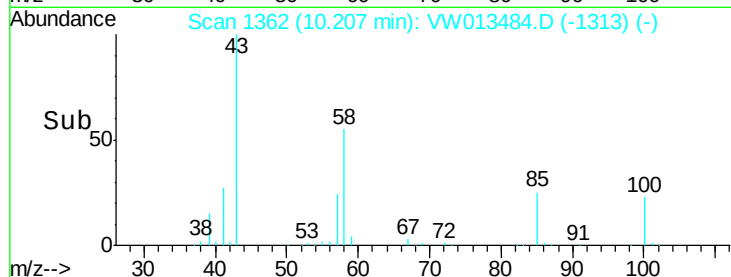
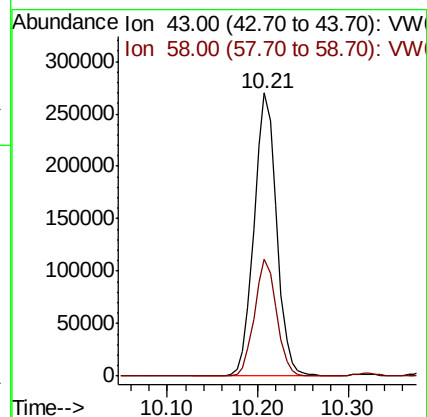
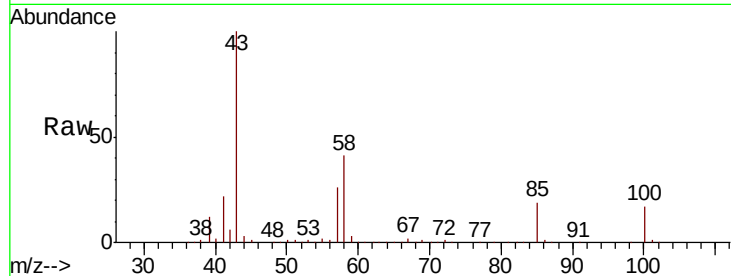
58 40.5 32.8 49.2

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#52

Toluene

Concen: 52.436 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013484.D

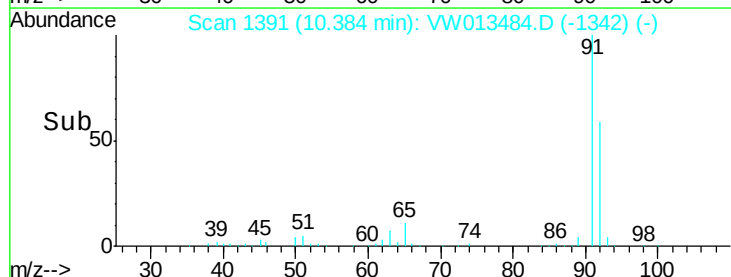
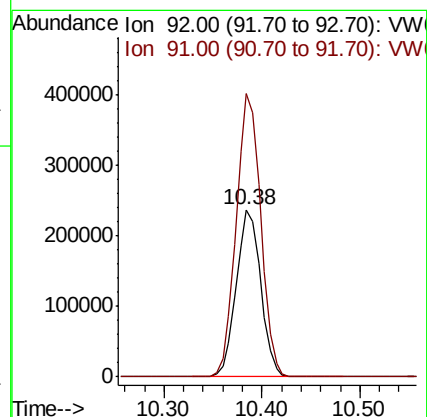
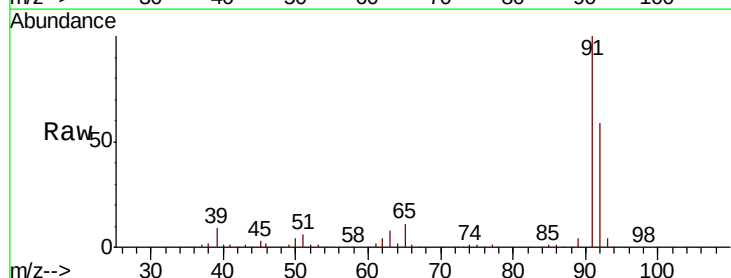
Acq: 08 Oct 2019 13:14

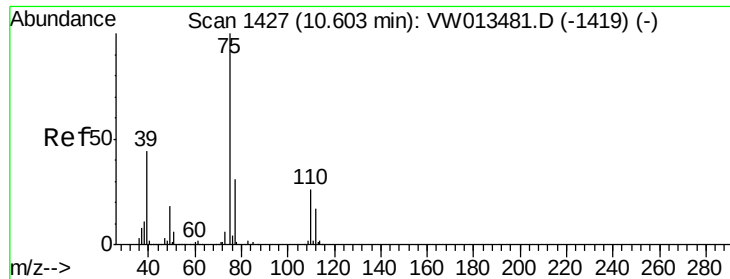
Tgt Ion: 92 Resp: 410942

Ion Ratio Lower Upper

92 100

91 170.4 134.8 202.2





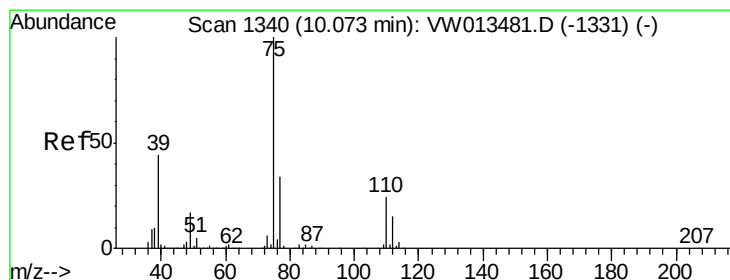
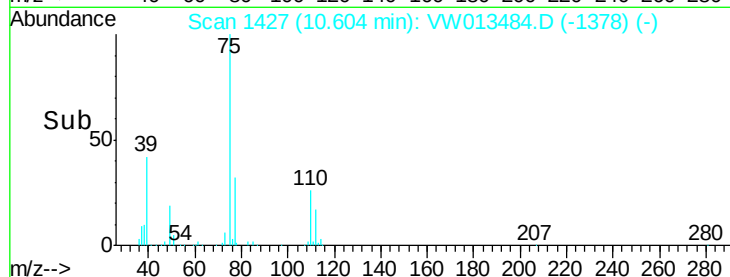
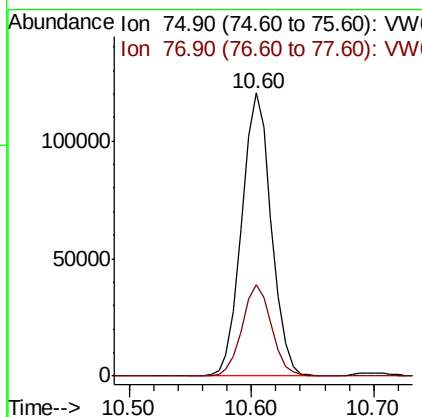
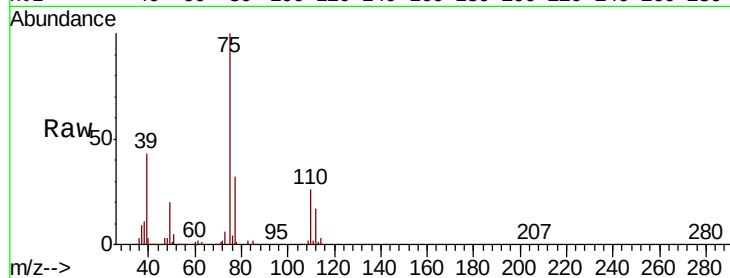
#53
t-1,3-Dichloropropene
Concen: 53.722 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampled :
ICVW100819

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.2	37.8

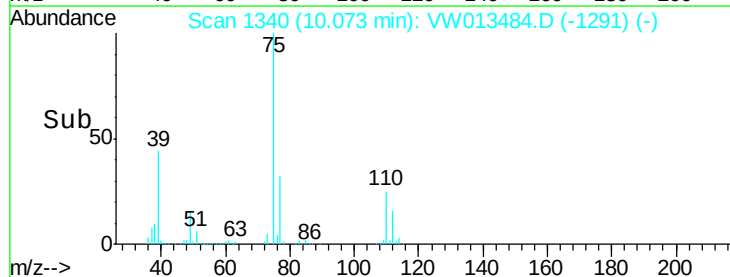
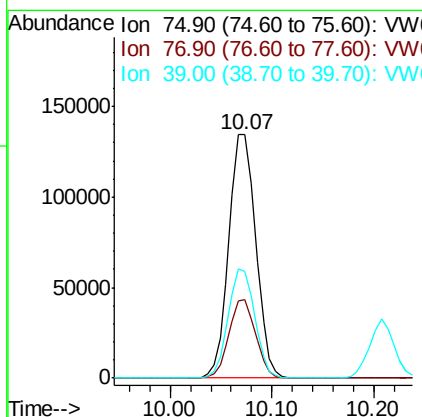
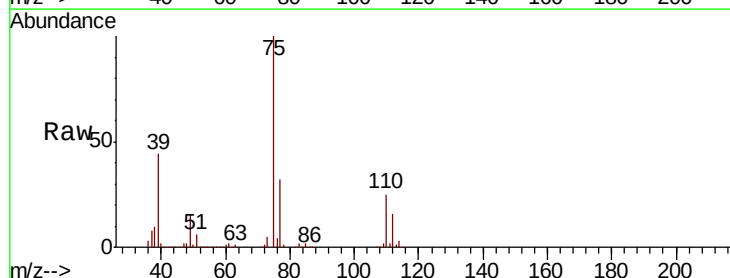
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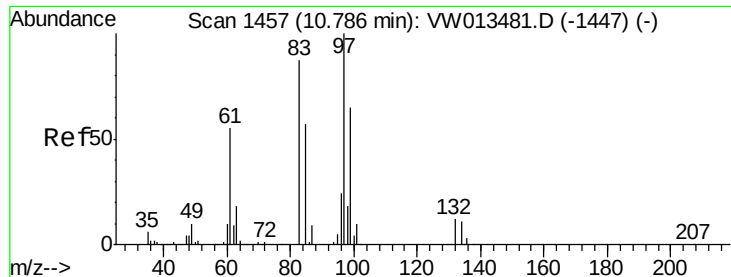
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#54
cis-1,3-Dichloropropene
Concen: 54.120 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	27.0	40.4
39	43.6	35.0	52.4





#55

1,1,2-Trichloroethane

Concen: 52.889 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100819

Tot Ion: 97 Resp: 115490

Ion Ratio Lower Upper

97 100

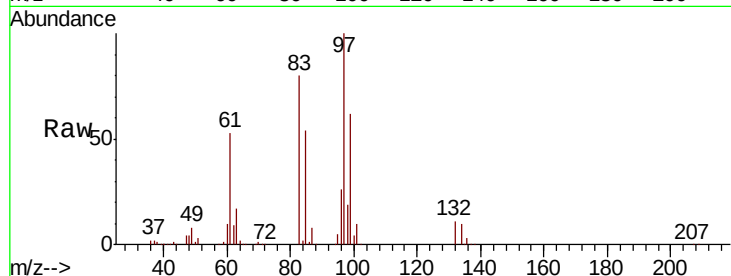
83 79.7 69.8 104.8

85 54.2 45.4 68.0

99 61.7 51.9 77.9

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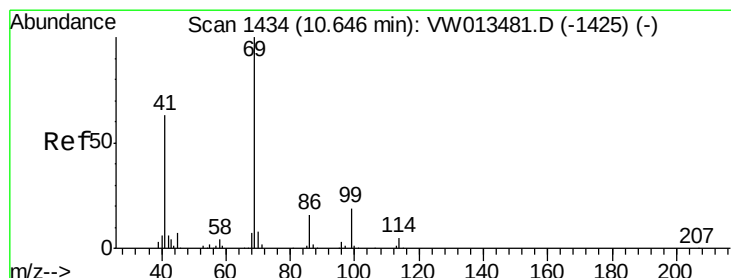
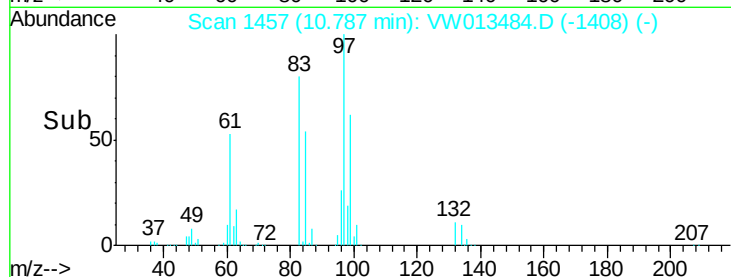
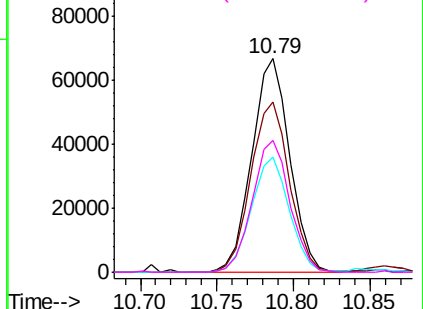
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 52.446 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

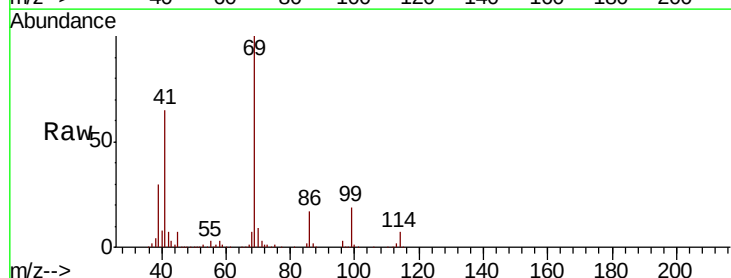
Tgt Ion: 69 Resp: 154243

Ion Ratio Lower Upper

69 100

41 65.8 51.8 77.6

39 27.8 21.7 32.5

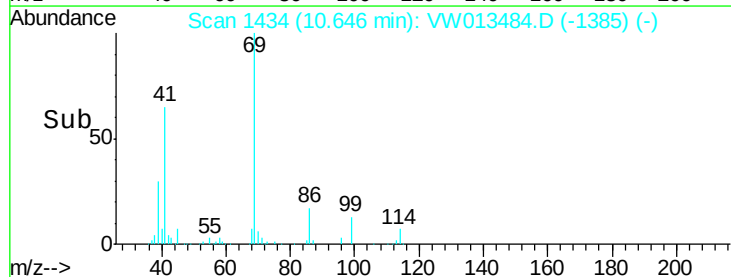
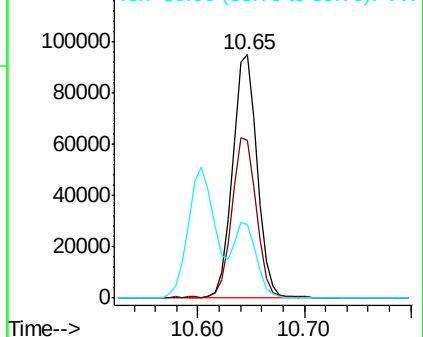


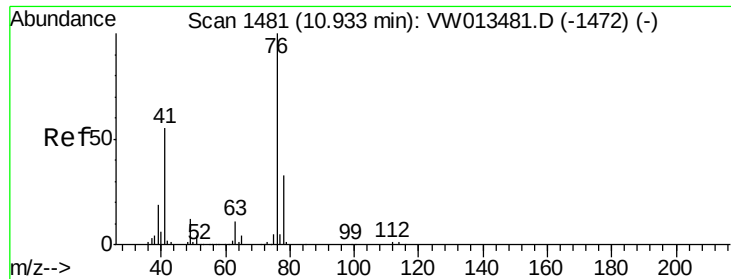
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





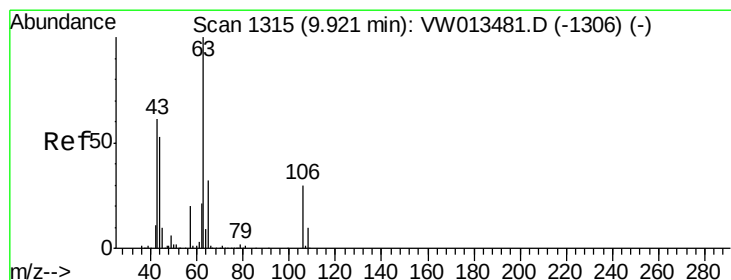
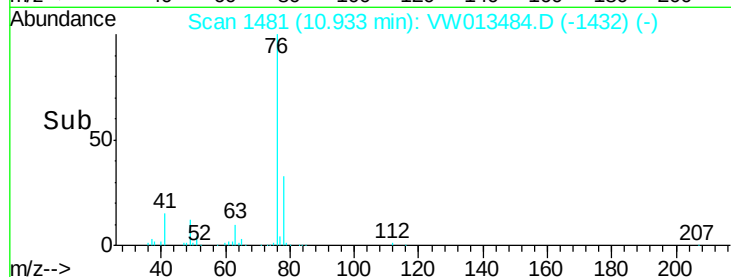
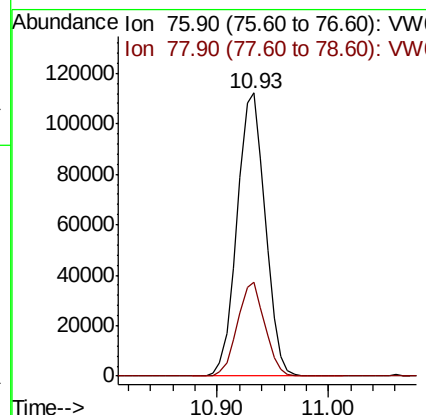
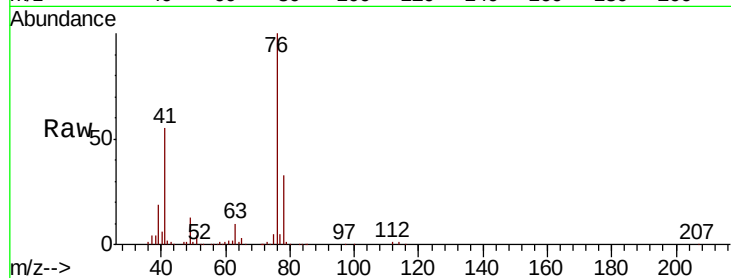
#57
 1,3-Dichloropropane
 Concen: 52.286 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100819

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

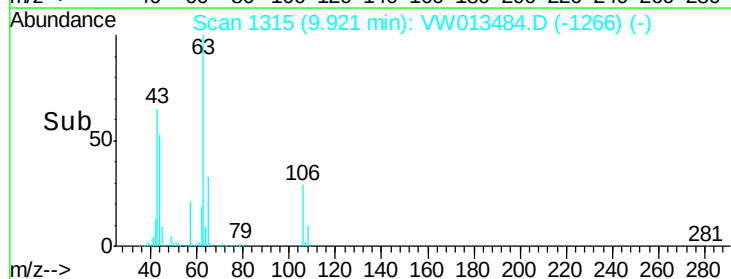
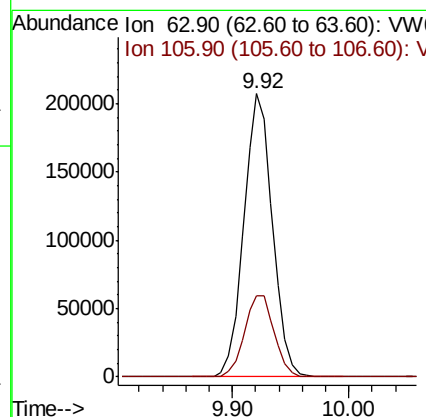
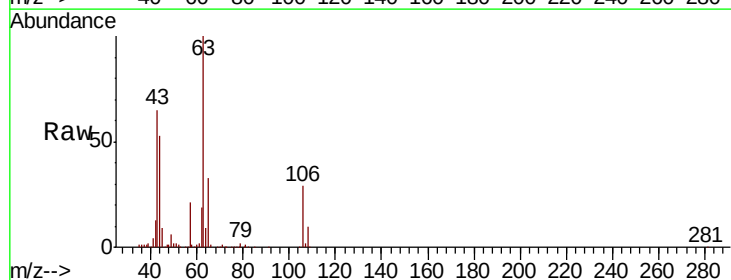
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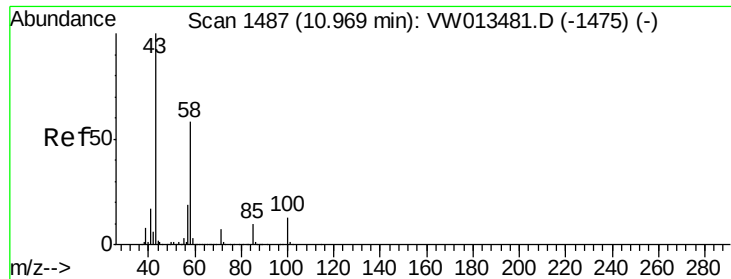
MMDadoda
 10/9/2019 4:09:40 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.082 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.1	24.5	36.7





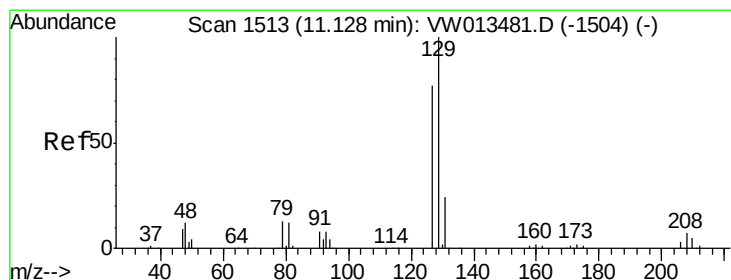
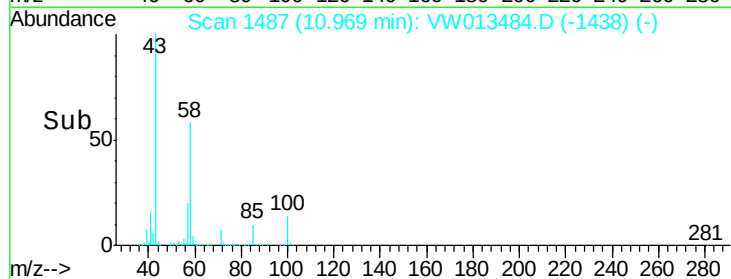
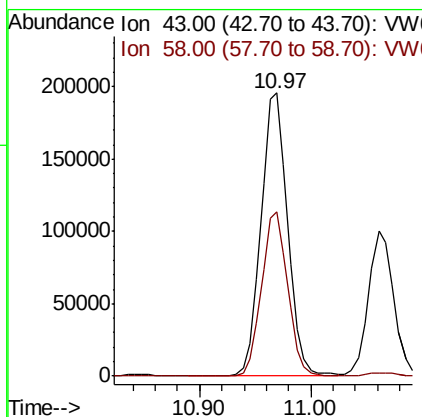
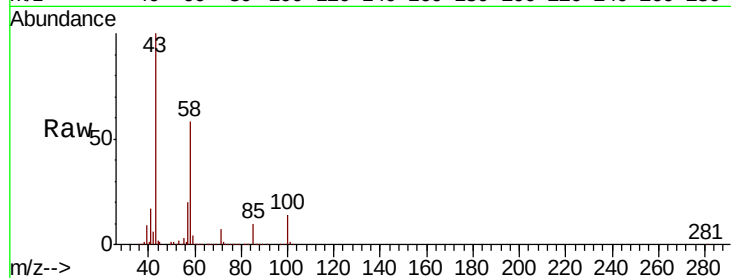
#59
2-Hexanone
Concen: 254.463 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100819

Tot Ion: 43 Resp: 327742
Ion Ratio Lower Upper
43 100
58 57.1 28.4 85.2

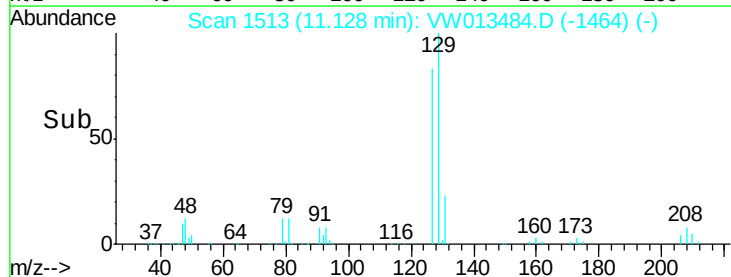
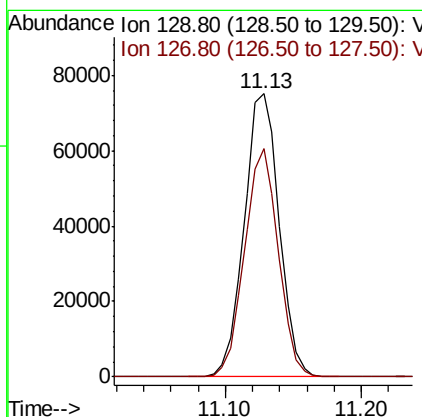
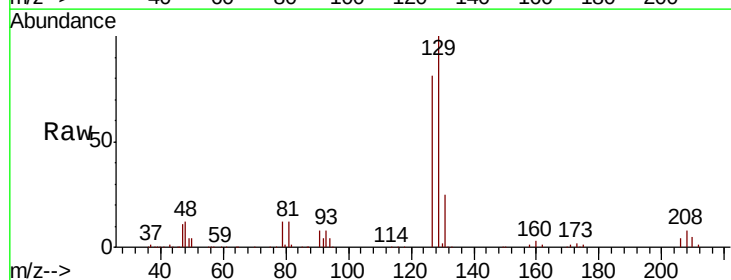
Manual Integrations
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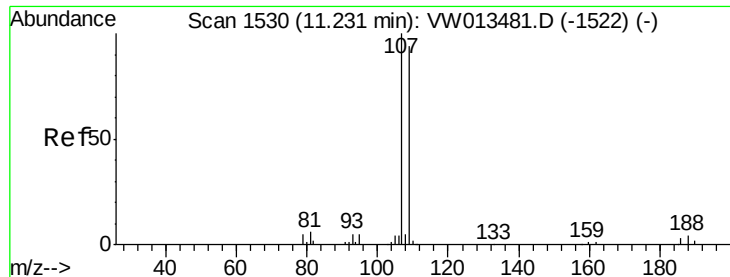
MMDadoda
10/9/2019 4:09:40 PM



#60
Dibromochloromethane
Concen: 53.905 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion: 129 Resp: 135363
Ion Ratio Lower Upper
129 100
127 77.8 37.4 112.1





#61

1,2-Dibromoethane

Concen: 52.234 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

ICVW100819

Tot Ion: 107 Resp: 108486

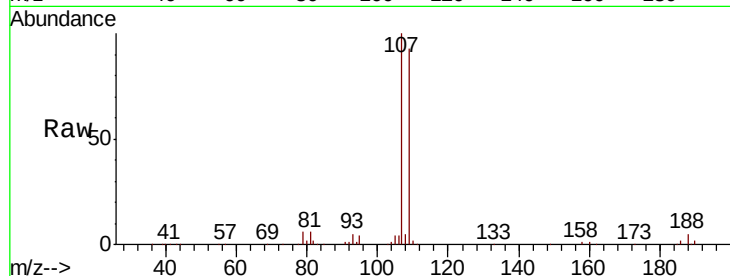
Ion Ratio Lower Upper

107 100

109 95.3 76.6 115.0

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MMDadoda
10/9/2019 4:09:40 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

60000

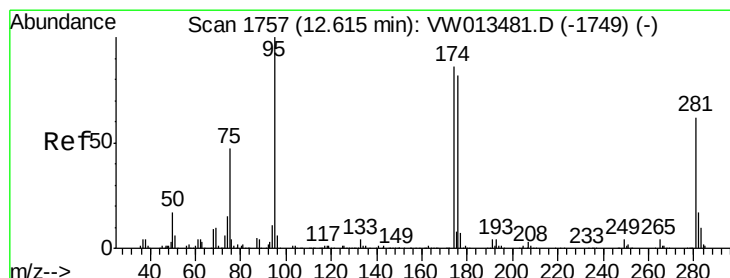
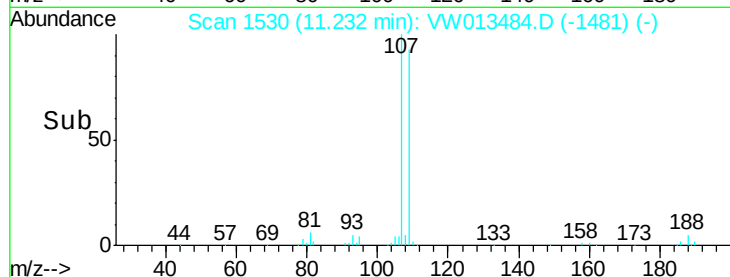
40000

20000

0

Time-->

11.20 11.30



#62

4-Bromofluorobenzene

Concen: 54.117 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

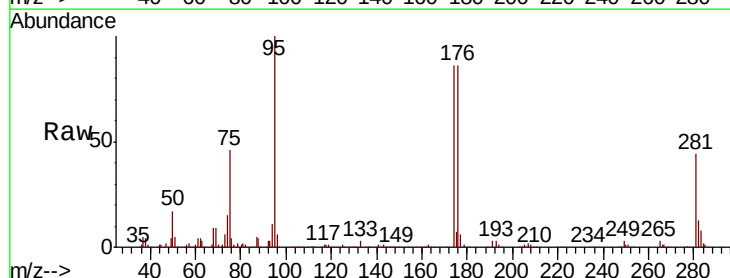
Tgt Ion: 95 Resp: 205586

Ion Ratio Lower Upper

95 100

174 90.8 0.0 177.4

176 88.0 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

150000

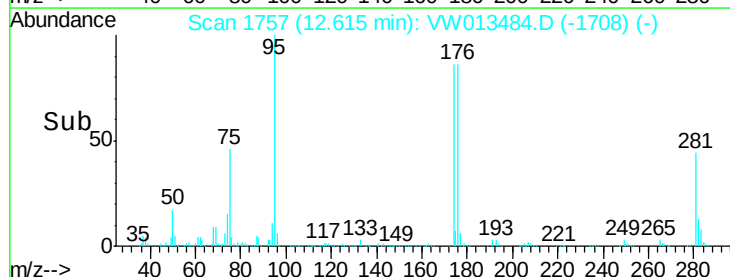
100000

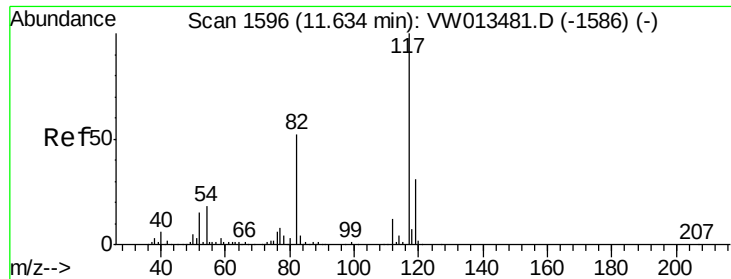
50000

0

Time-->

12.60 12.70





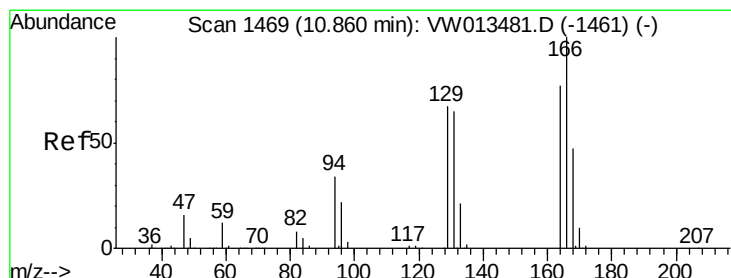
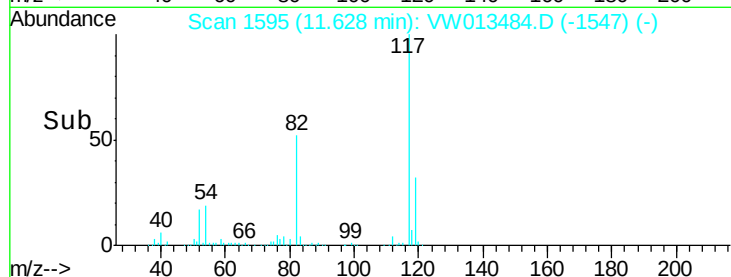
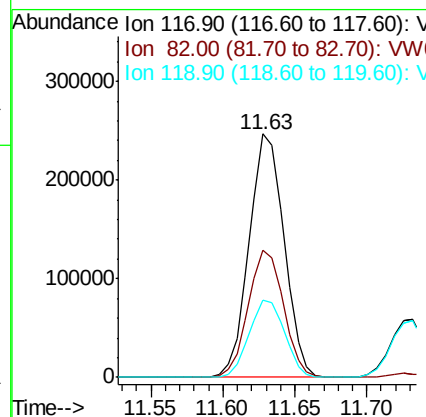
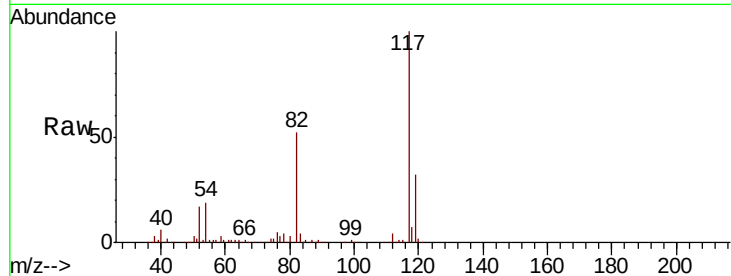
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100819

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.4	62.2
119	31.9	25.1	37.7

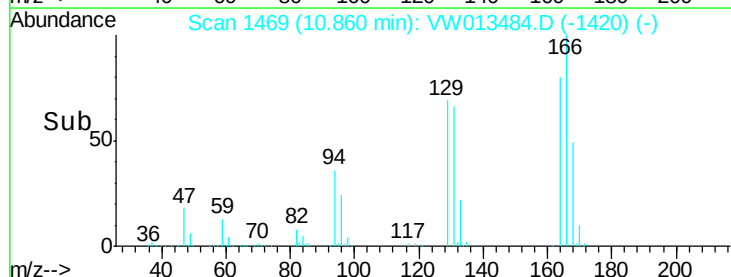
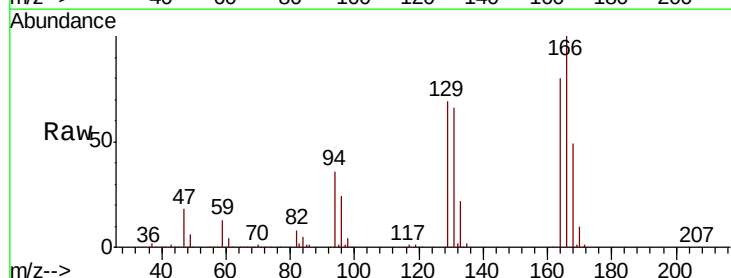
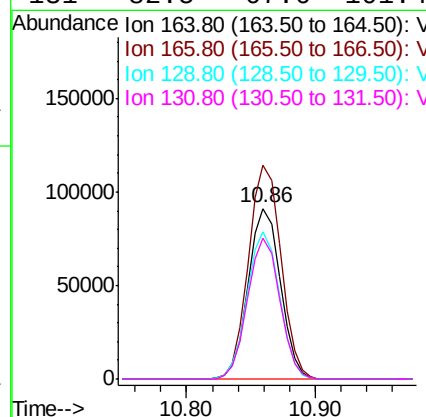
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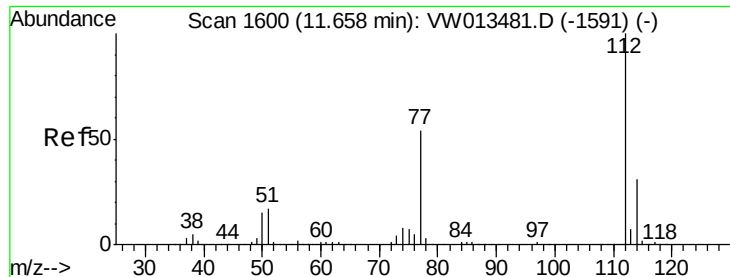
MMDadoda
10/9/2019 4:09:40 PM



#64
Tetrachloroethene
Concen: 51.625 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	104.6	156.8
129	86.1	70.2	105.2
131	82.5	67.6	101.4





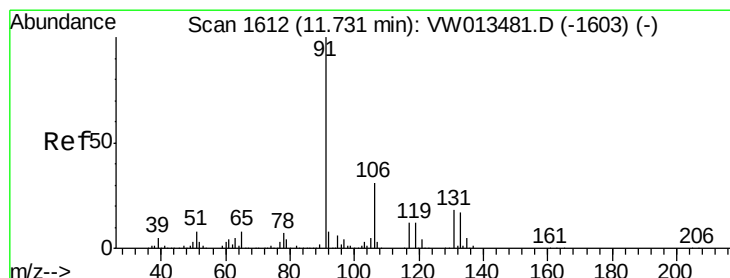
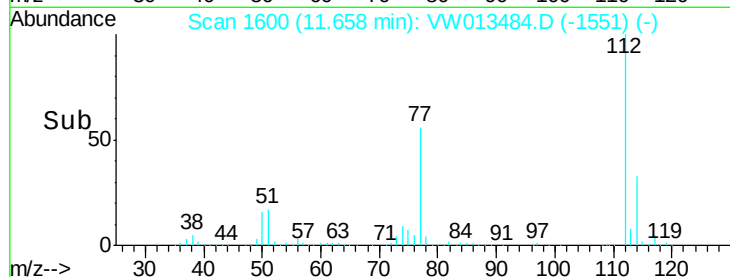
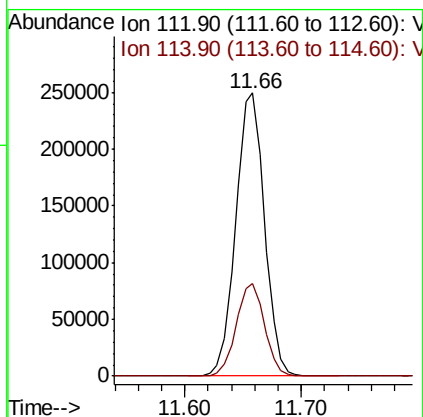
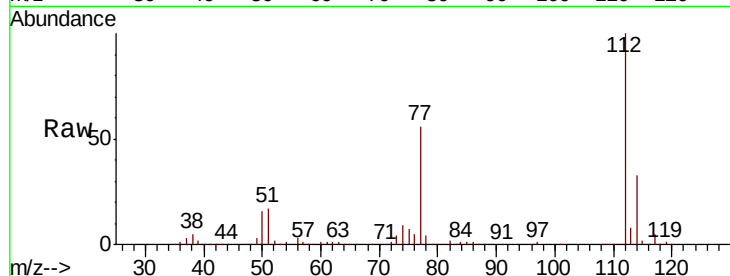
#65
Chlorobenzene
Concen: 51.953 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100819

Tot Ion:112 Resp: 427729
Ion Ratio Lower Upper
112 100
114 32.7 24.6 37.0

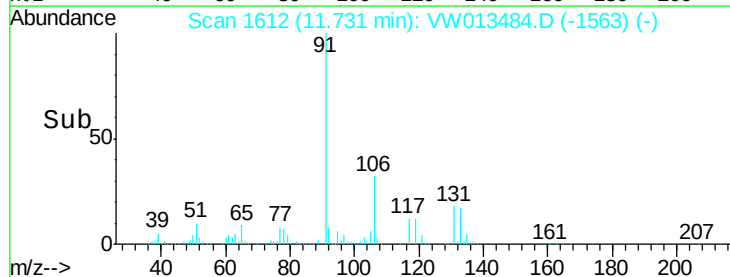
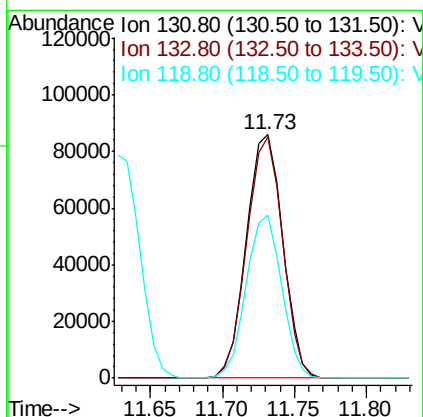
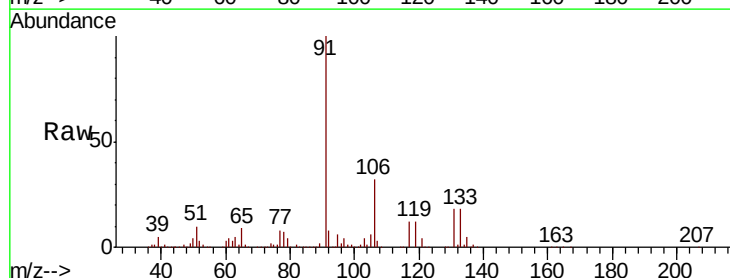
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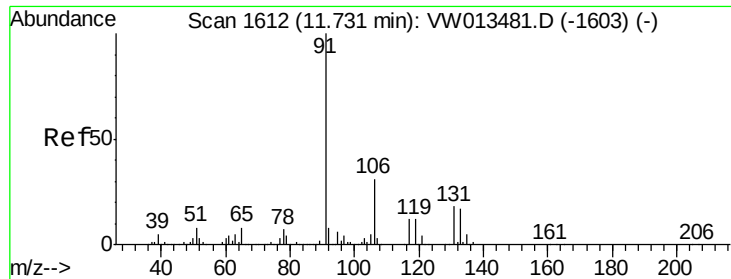
MMDadoda
10/9/2019 4:09:40 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.578 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion:131 Resp: 150367
Ion Ratio Lower Upper
131 100
133 97.3 47.6 142.9
119 65.4 32.6 98.0





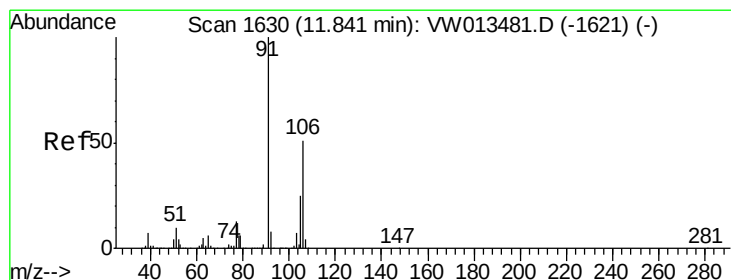
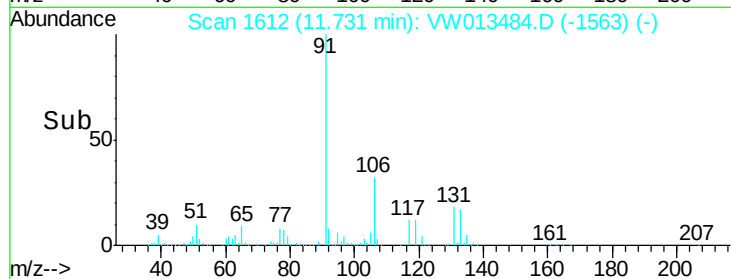
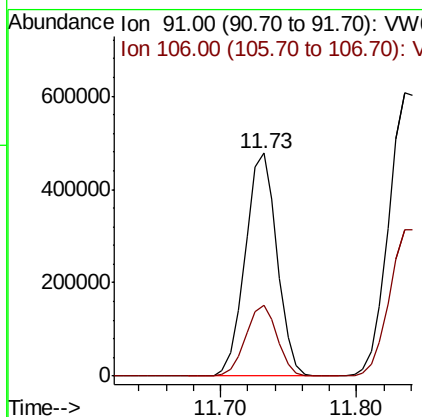
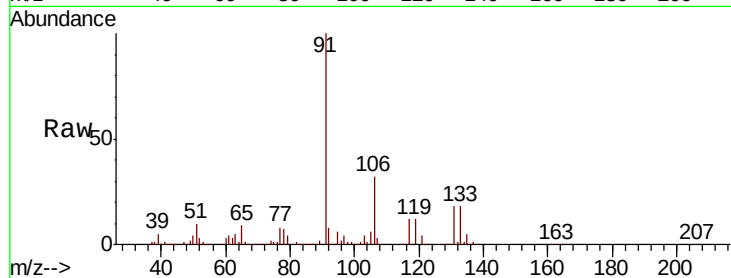
#67
Ethyl Benzene
Concen: 51.829 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100819

Tot Ion: 91 Resp: 779926
Ion Ratio Lower Upper
91 100
106 31.8 24.8 37.2

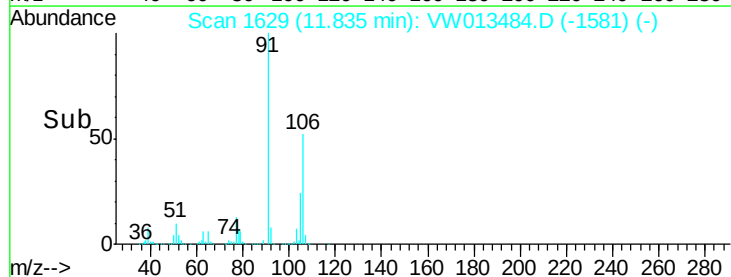
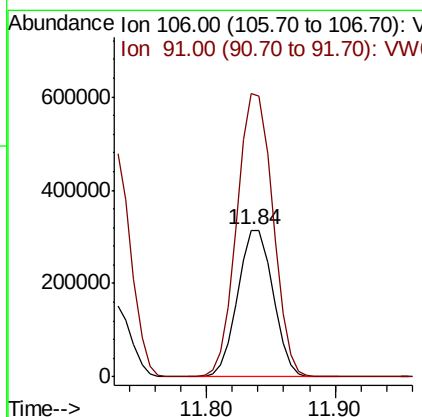
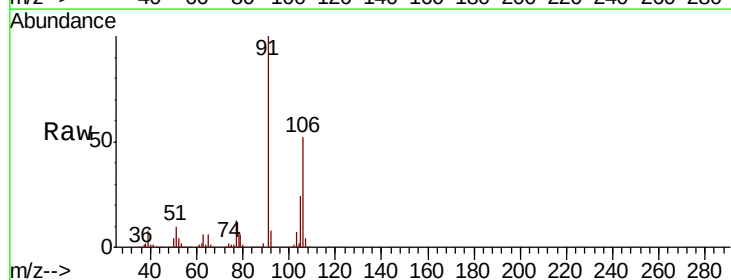
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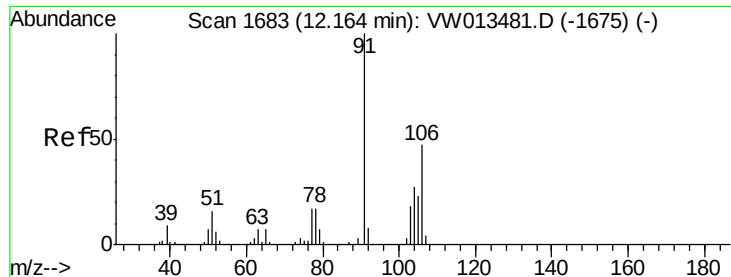
MMDadoda
10/9/2019 4:09:40 PM



#68
m/p-Xylenes
Concen: 104.763 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion: 106 Resp: 599823
Ion Ratio Lower Upper
106 100
91 196.0 156.2 234.4





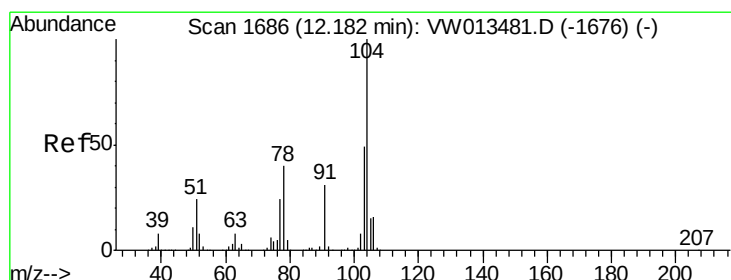
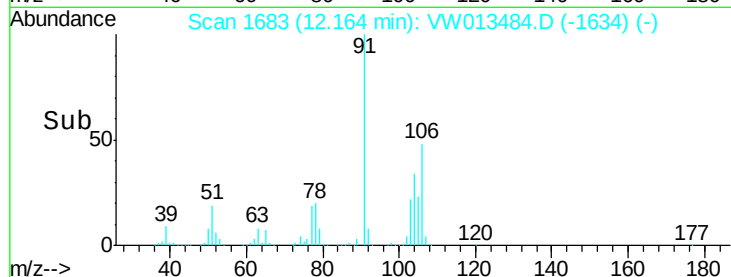
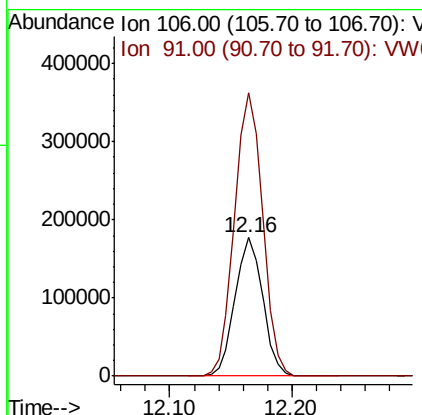
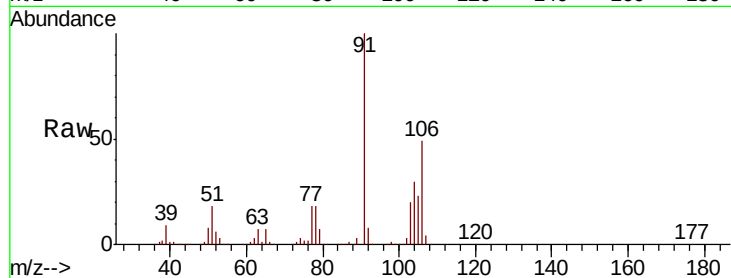
#69
o-Xylene
Concen: 52.392 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100819

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		277144		
91	208.7	105.0	315.0		

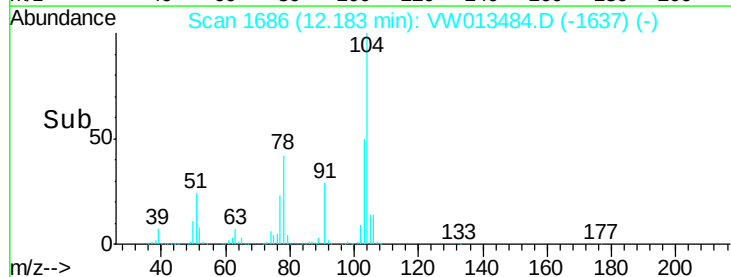
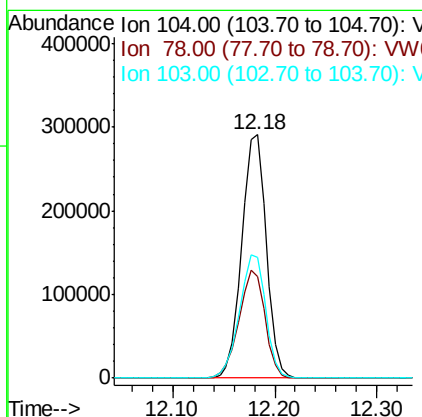
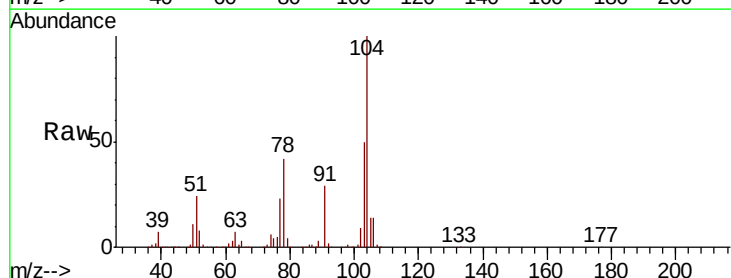
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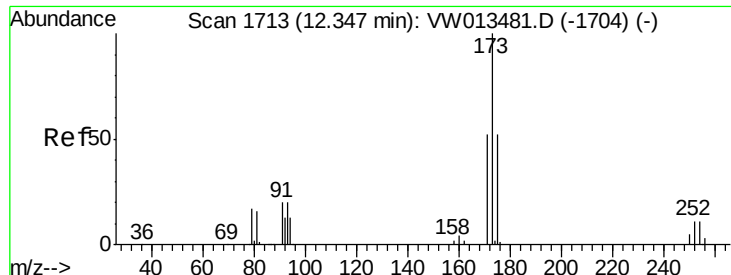
MMDadoda
10/9/2019 4:09:40 PM



#70
Styrene
Concen: 53.428 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		485268		
78	46.9	37.1	55.7		
103	54.1	43.2	64.8		





#71

Bromoform

Concen: 52.362 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

ICVW100819

Tot Ion:173 Resp: 82160

Ion Ratio Lower Upper

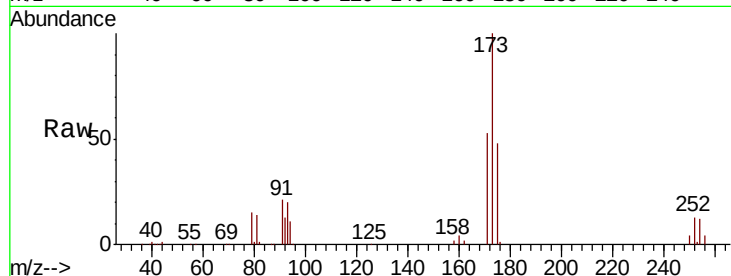
173 100

175 48.8 24.4 73.4

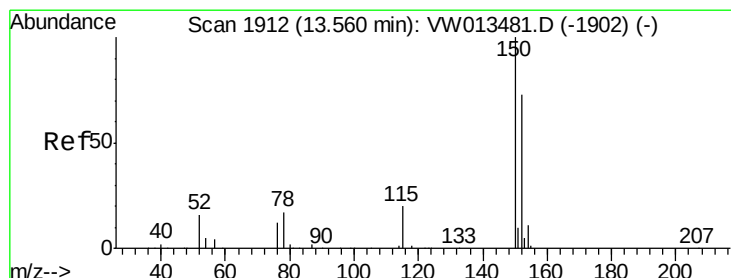
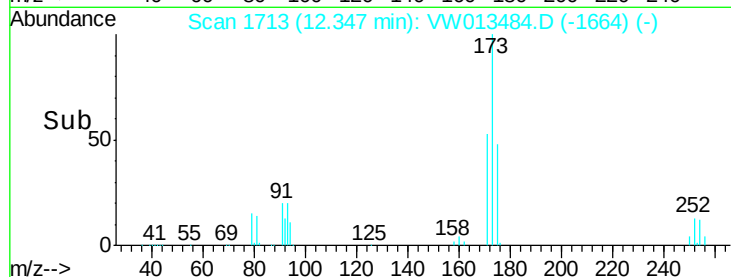
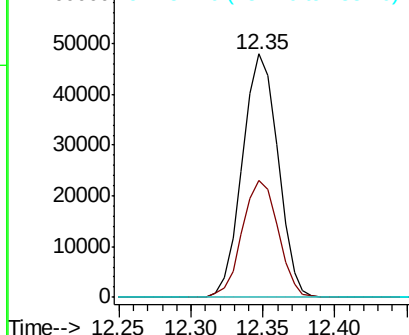
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

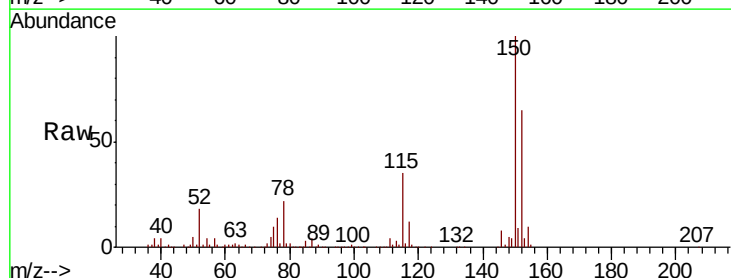
Tgt Ion:152 Resp: 211568

Ion Ratio Lower Upper

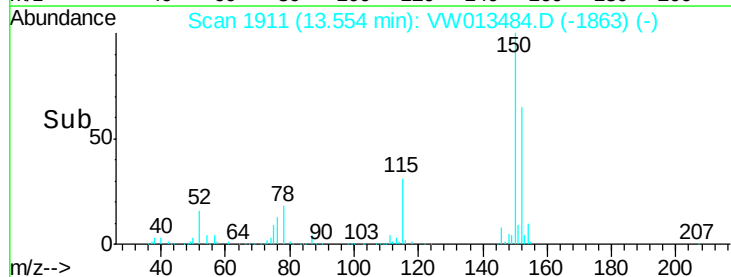
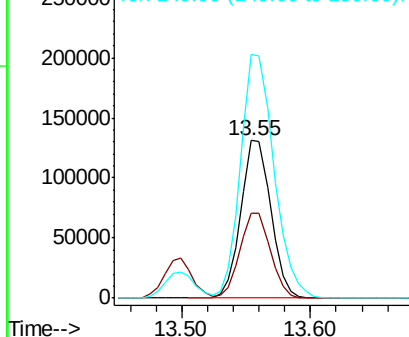
152 100

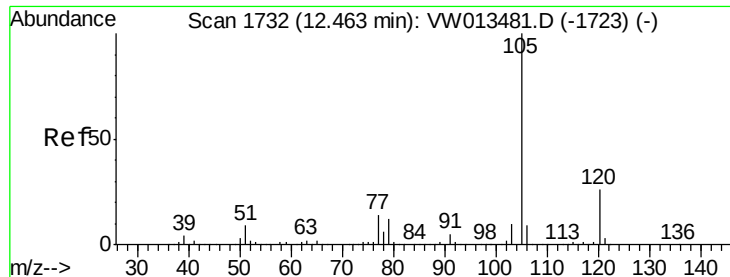
115 54.5 27.0 81.0

150 172.7 0.0 337.4



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





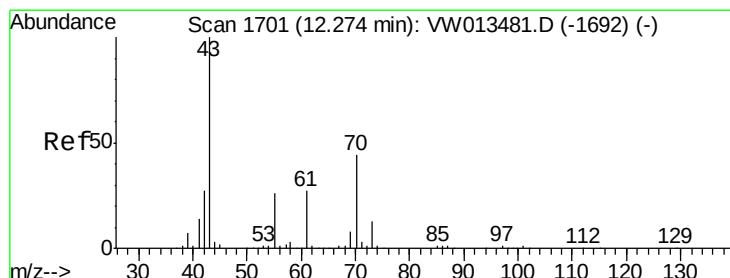
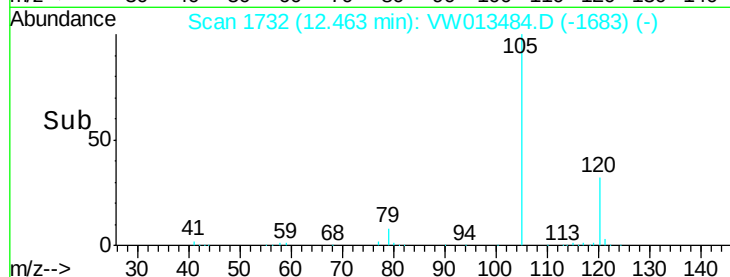
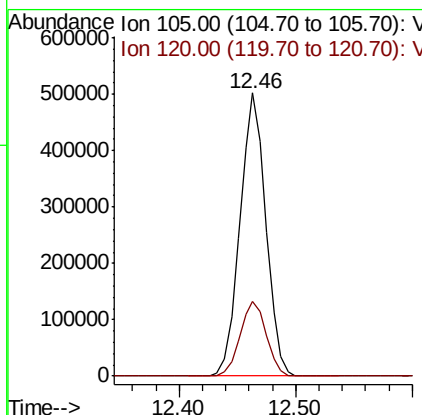
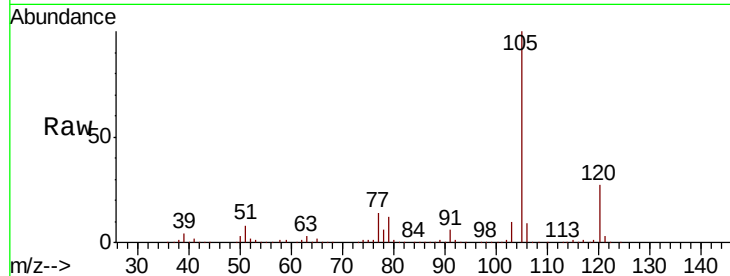
#73
Isopropylbenzene
Concen: 51.111 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100819

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.5	40.5

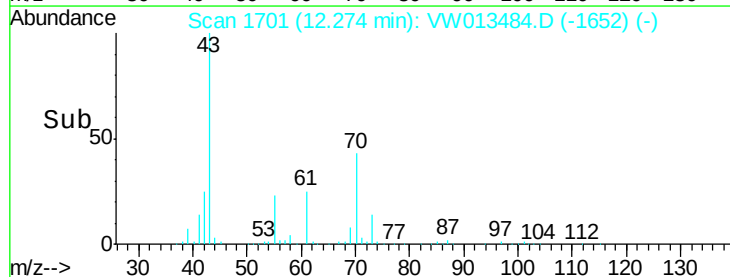
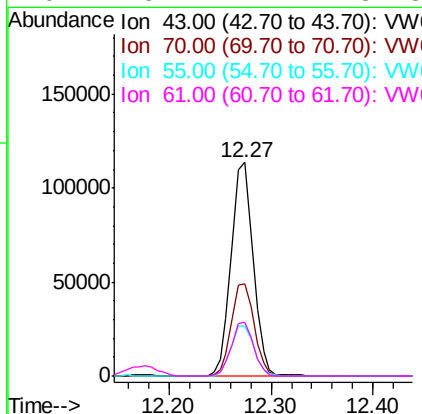
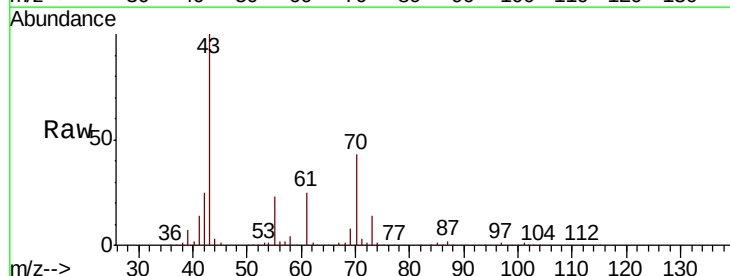
Manual Integrations
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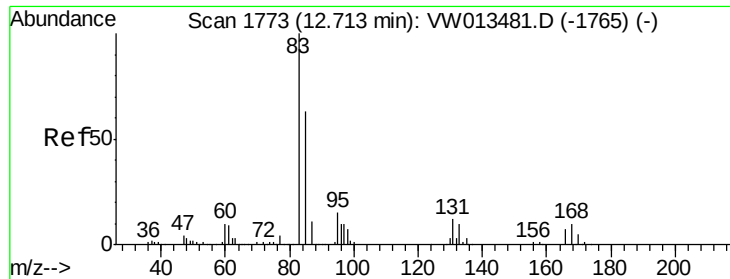
MMDadoda
10/9/2019 4:09:40 PM



#74
N-ethyl acetate
Concen: 51.241 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.7	35.3	52.9
55	24.3	20.0	30.0
61	25.4	21.2	31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.140 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

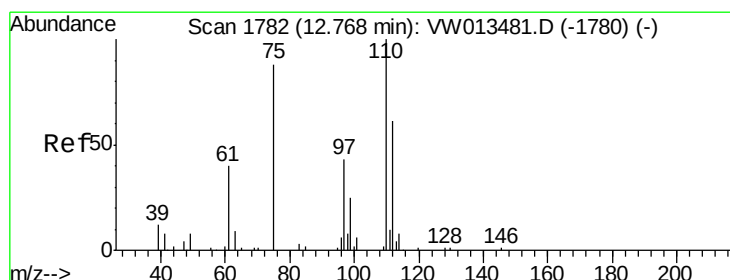
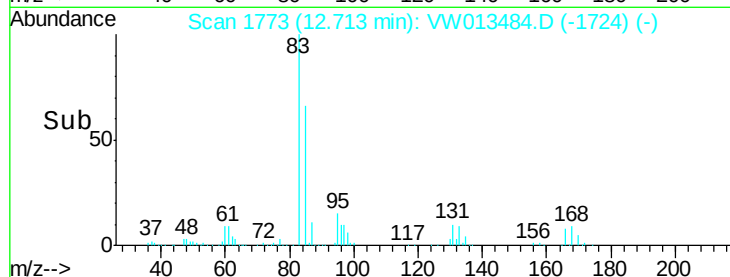
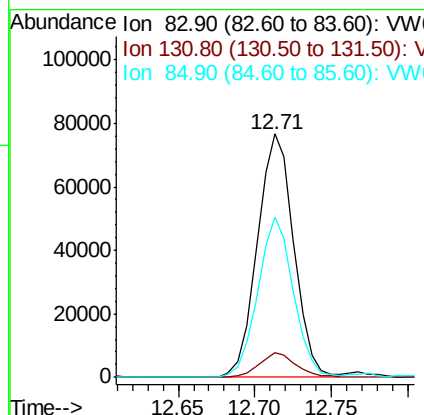
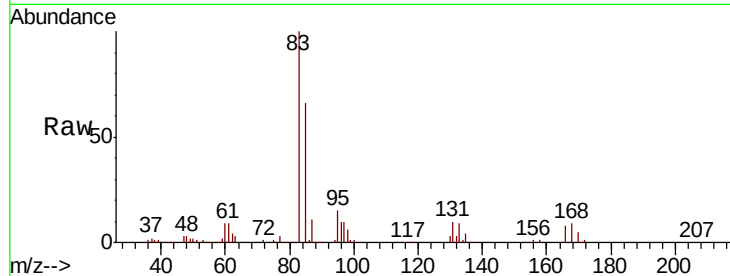
ClientSampleId :

ICVWV100819

Tot Ion:	83	Resp:	126932
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.9	17.7
85	64.3	32.5	97.4

Manual Integrations
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10/9/2019 4:09:40 PM



#76

1,2,3-Trichloropropane

Concen: 45.934 ug/l m

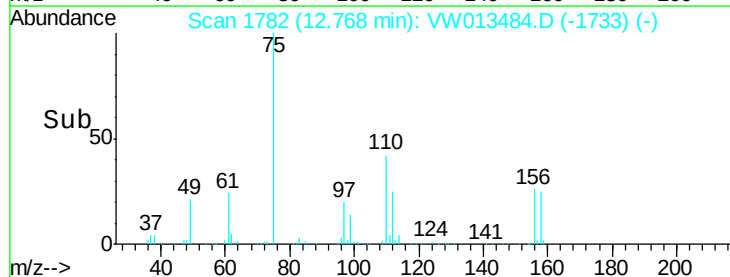
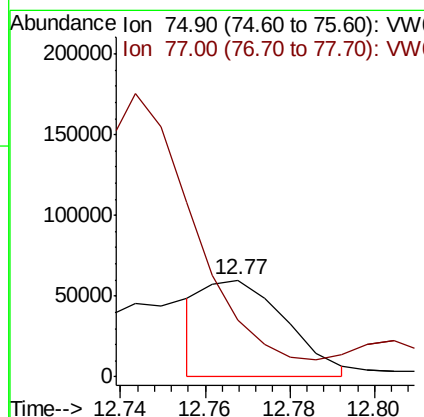
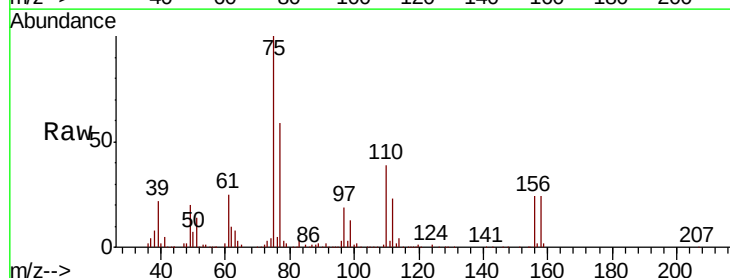
RT: 12.77 min Scan# 1782

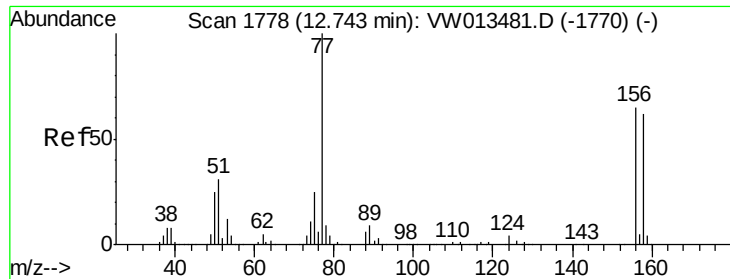
Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Tgt Ion:	75	Resp:	80938
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





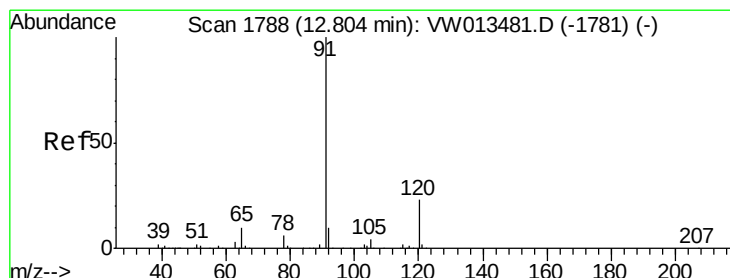
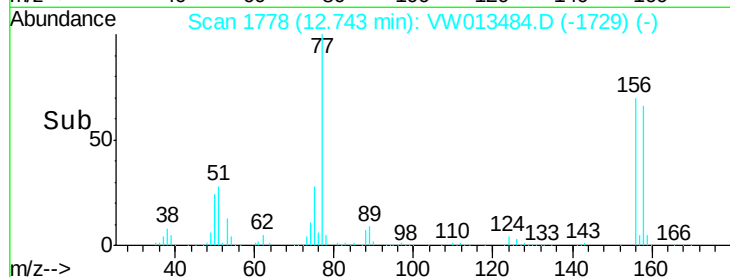
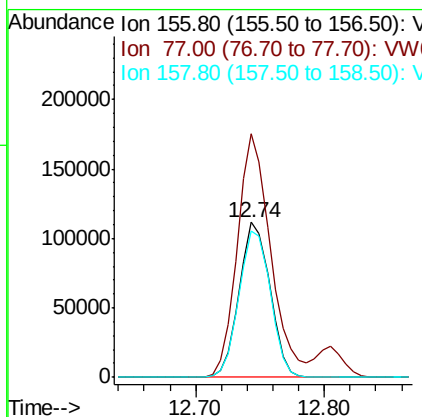
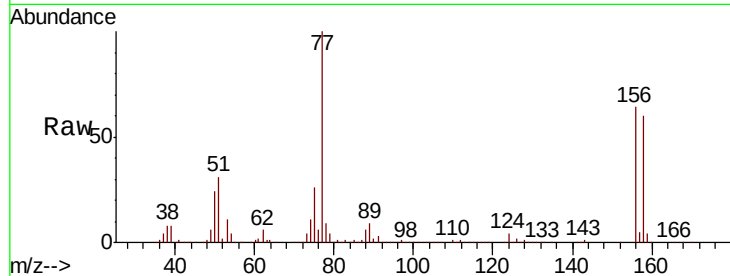
#77
Bromobenzene
Concen: 51.248 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100819

Tot Ion	Ratio	Lower	Upper
156	100		
77	170.9	83.7	251.0
158	96.5	49.0	147.0

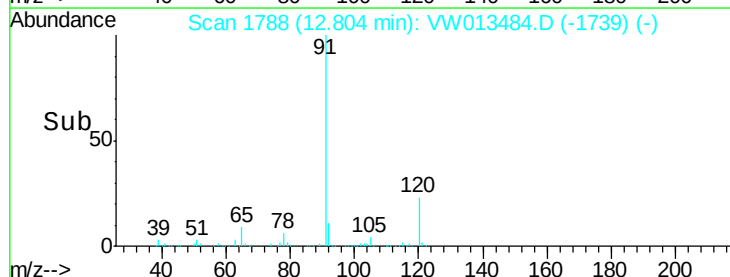
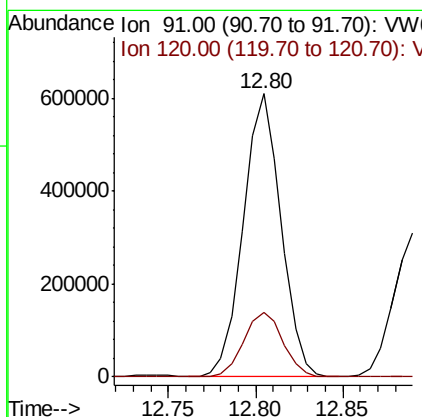
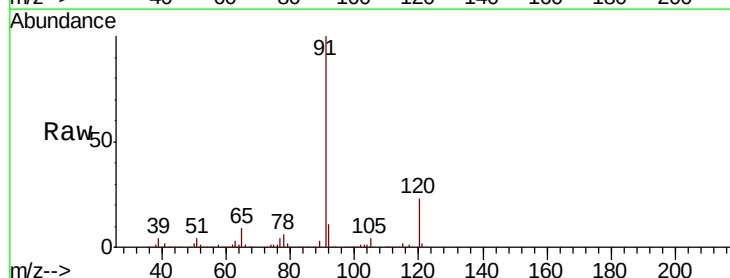
Manual Integrations
APPROVED

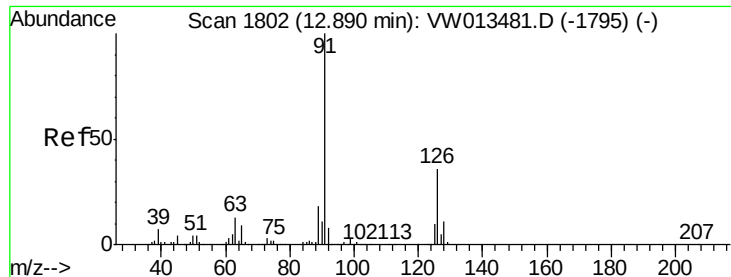
MMDadoda
10/9/2019 4:09:40 PM



#78
n-propylbenzene
Concen: 51.987 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.7	35.1





#79

2-Chlorotoluene

Concen: 51.206 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100819

Tot Ion: 91 Resp: 502744

Ion Ratio Lower Upper

91 100

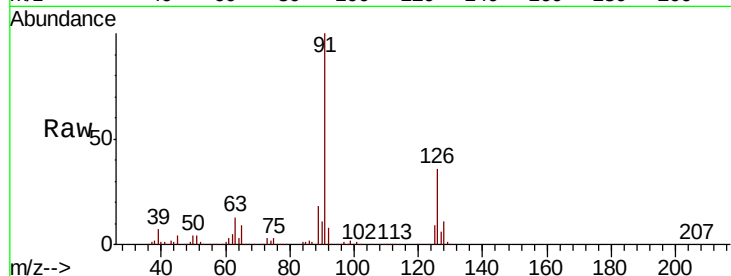
126 35.7 17.8 53.4

Manual Integrations

APPROVED

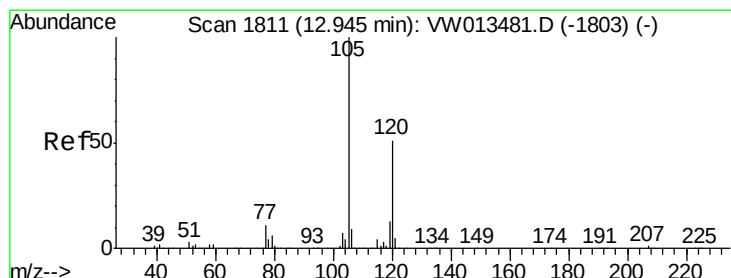
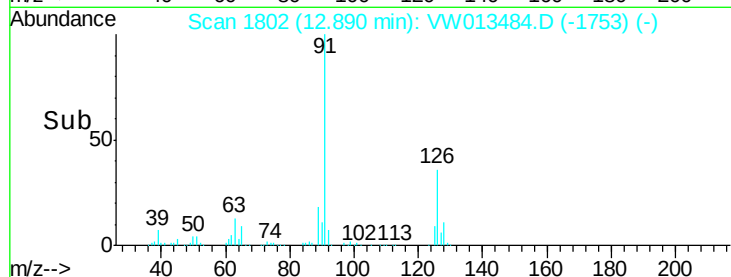
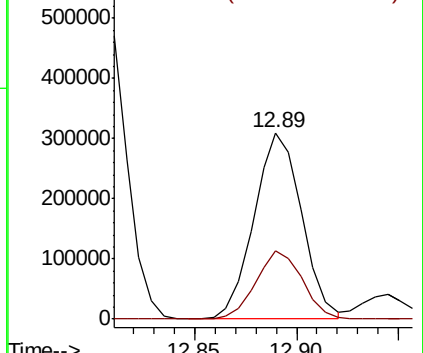
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.617 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013484.D

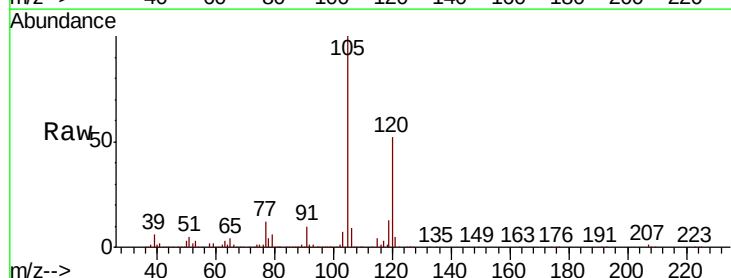
Acq: 08 Oct 2019 13:14

Tgt Ion:105 Resp: 649957

Ion Ratio Lower Upper

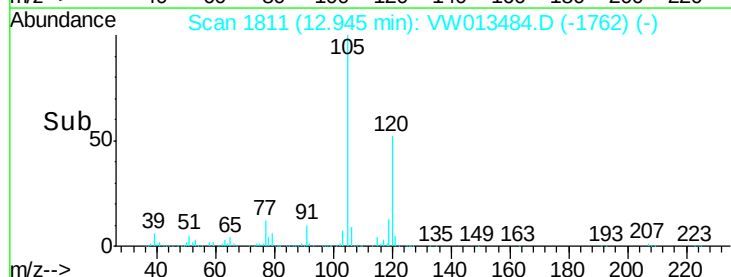
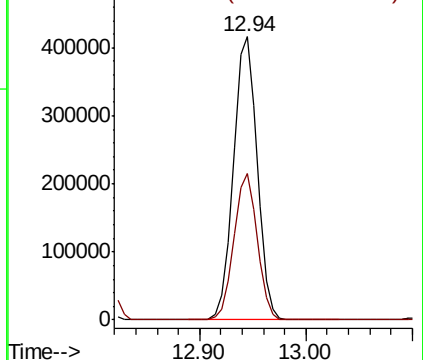
105 100

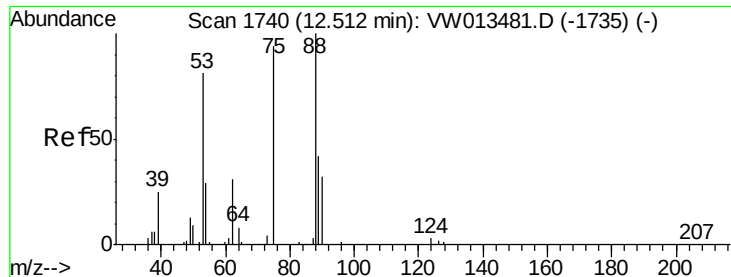
120 51.0 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





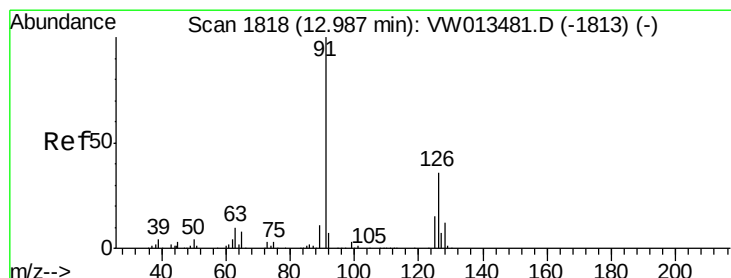
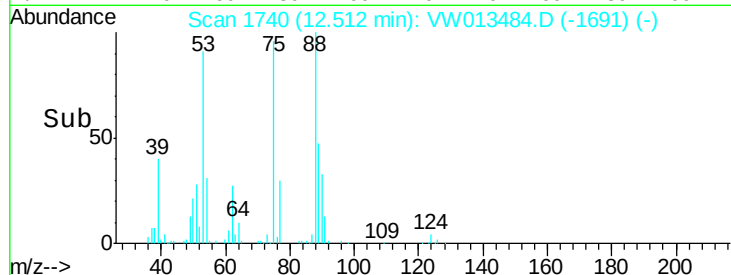
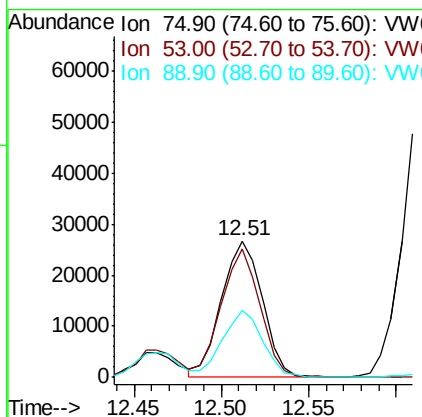
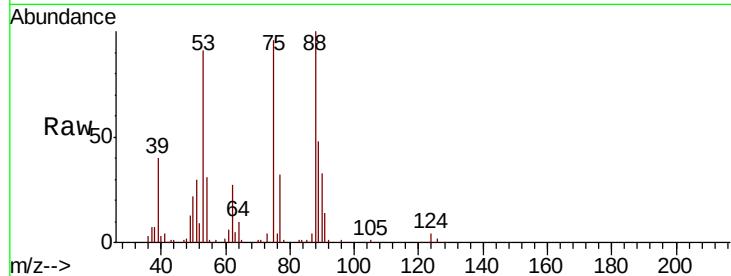
#81
trans-1,4-Dichloro-2-butene
Concen: 49.671 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVW100819

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.1	71.0	106.6
89	48.1	36.1	54.1

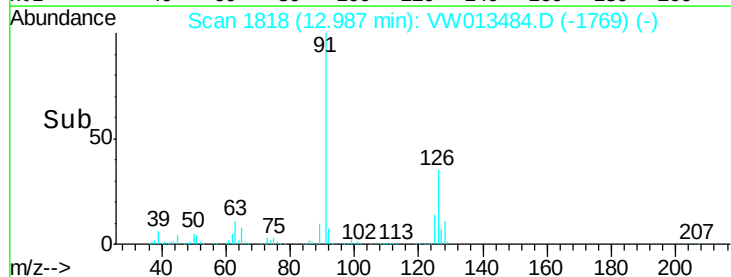
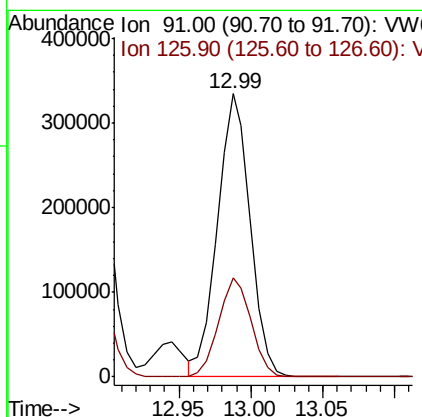
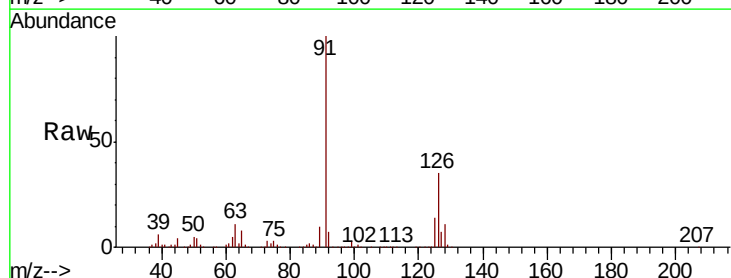
Manual Integrations
APPROVED

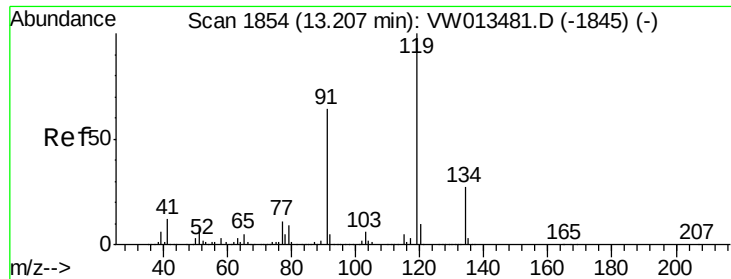
MMDadoda
10/9/2019 4:09:40 PM



#82
4-Chlorotoluene
Concen: 51.884 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.5	52.6





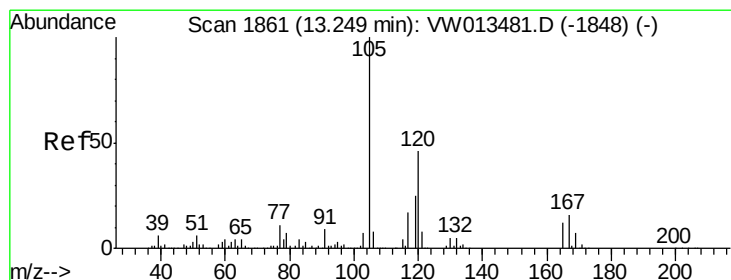
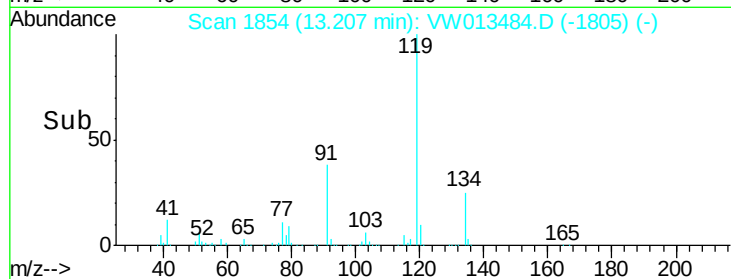
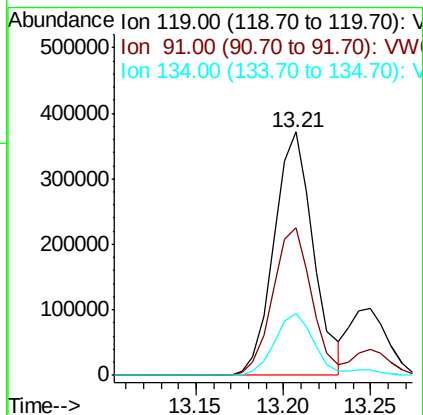
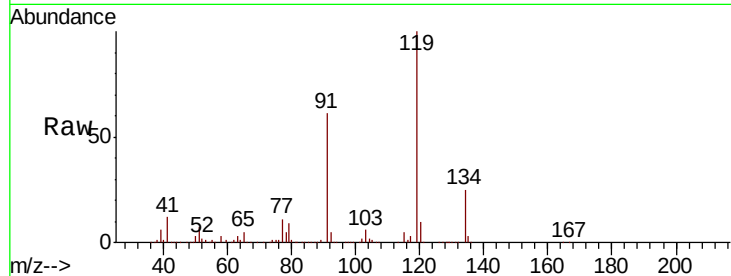
#83
tert-Butylbenzene
Concen: 52.114 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100819

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.1	30.6	91.6
134	27.1	13.8	41.3

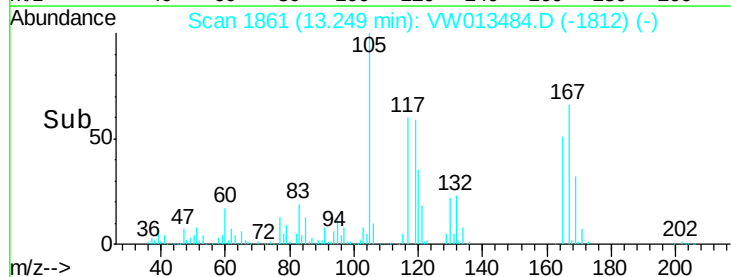
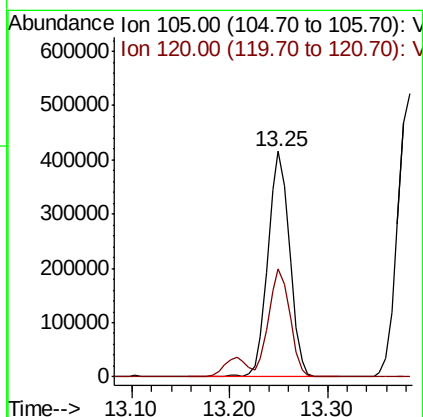
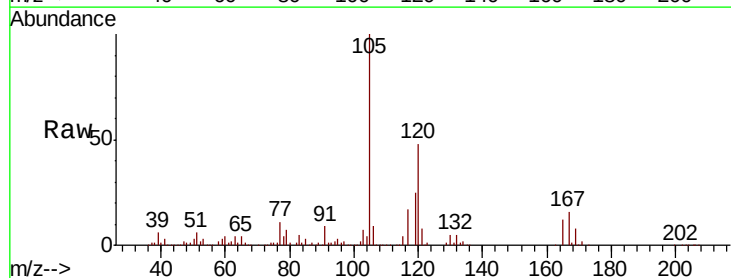
Manual Integrations
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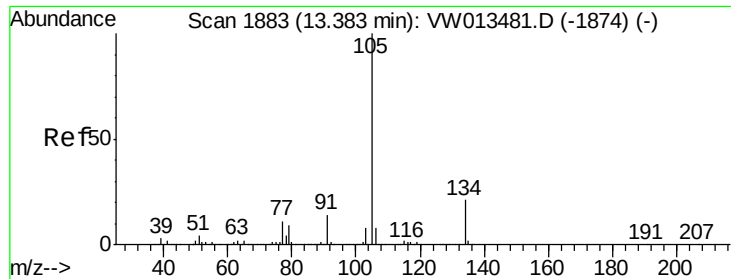
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#84
1,2,4-Trimethylbenzene
Concen: 51.587 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.2	69.5





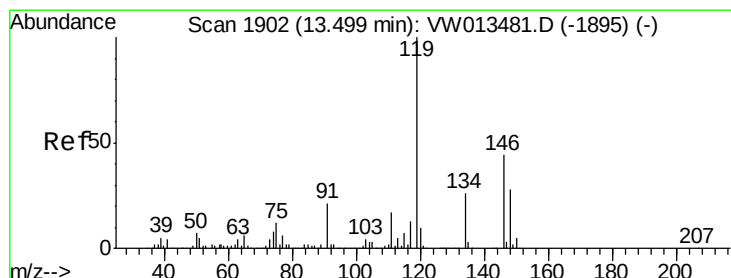
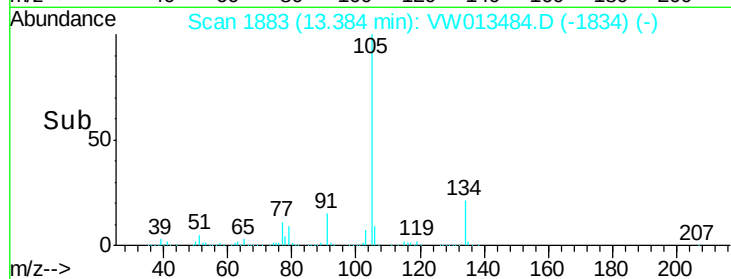
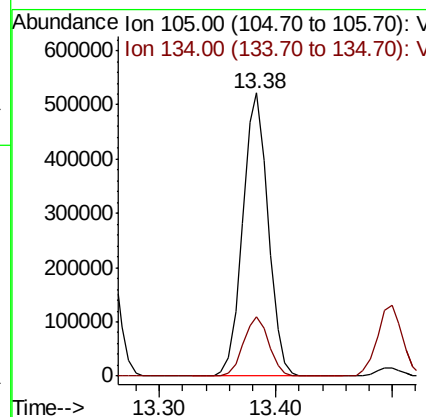
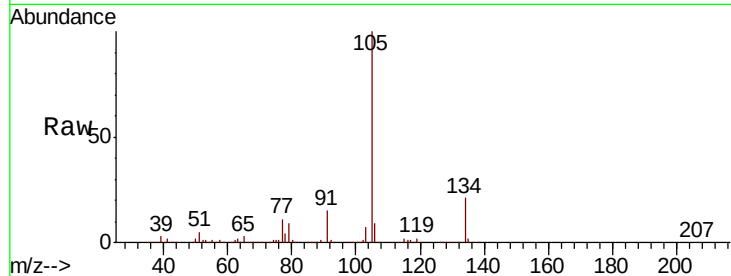
#85
 sec-Butylbenzene
 Concen: 51.389 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100819

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.4

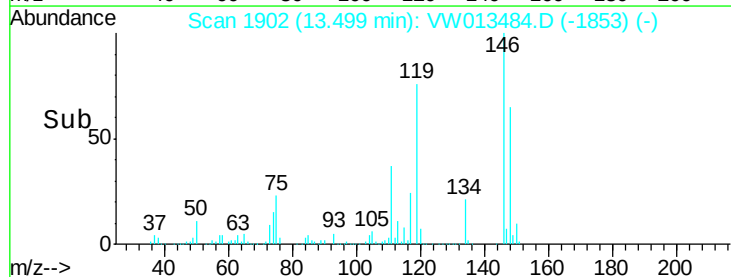
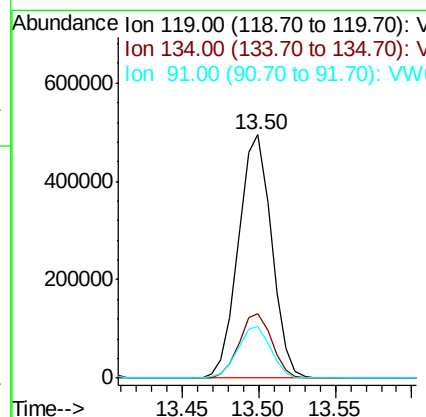
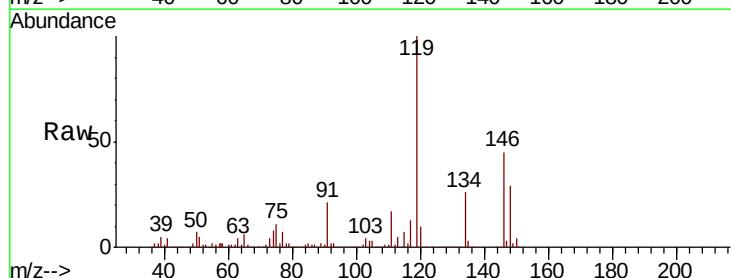
Manual Integrations
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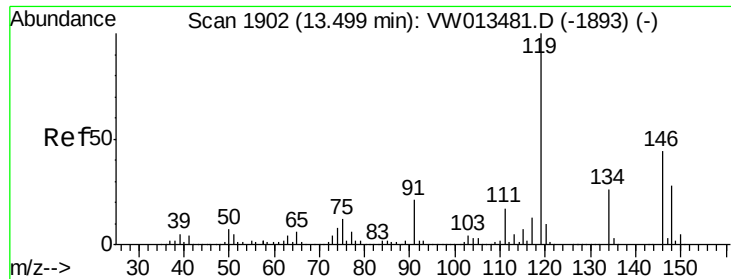
MMDadoda
 10/9/2019 4:09:40 PM



#86
 p-Isopropyltoluene
 Concen: 52.283 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.1	39.1
91	21.2	10.8	32.3





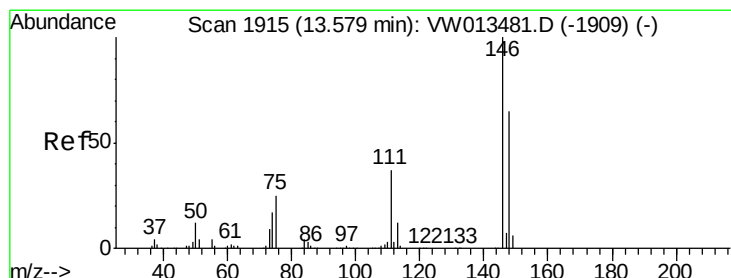
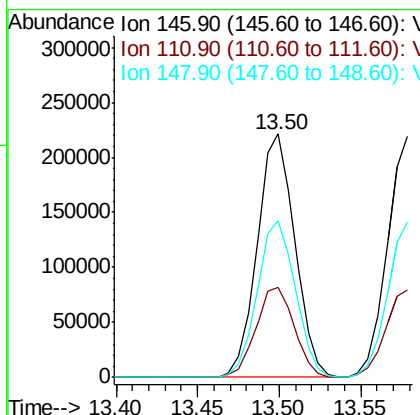
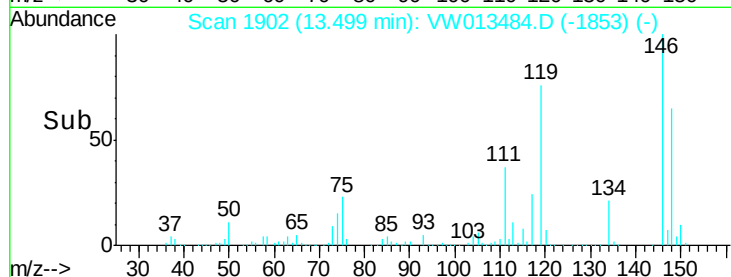
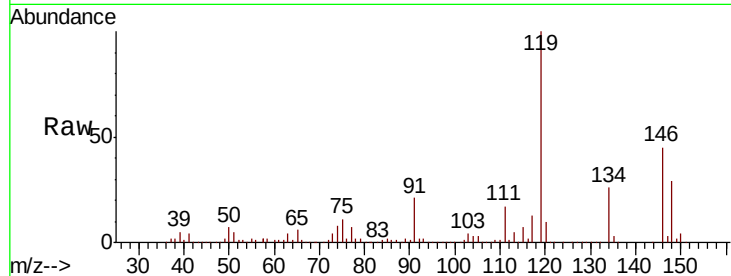
#87
 1,3-Dichlorobenzene
 Concen: 51.835 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100819

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.7	56.1
148	65.2	32.3	96.8

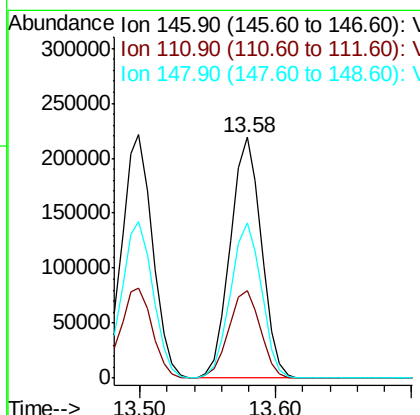
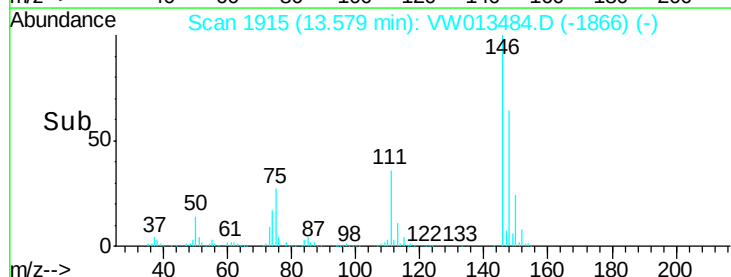
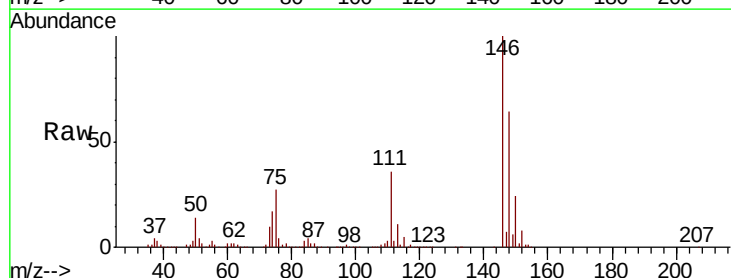
Manual Integrations
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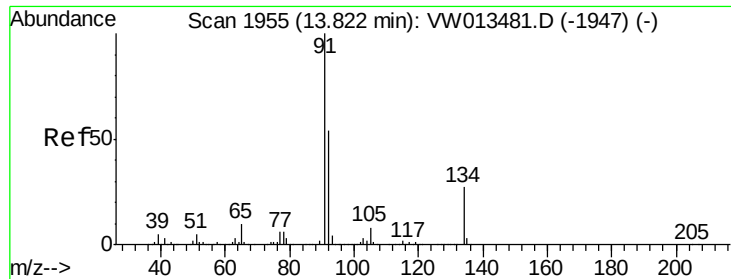
MMDadoda
 10/9/2019 4:09:40 PM



#88
 1,4-Dichlorobenzene
 Concen: 52.234 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.4
148	64.4	32.0	96.2





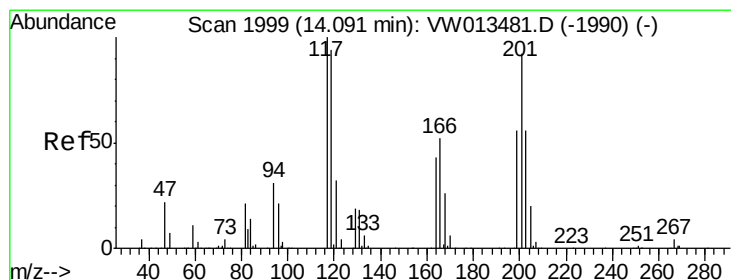
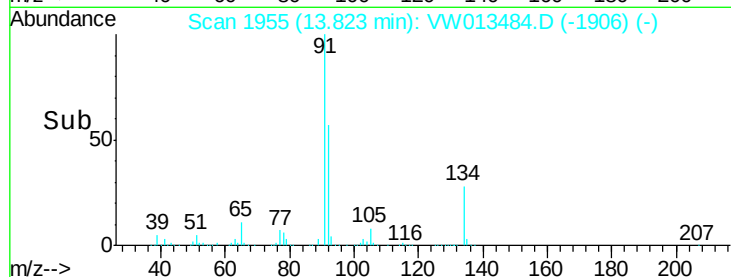
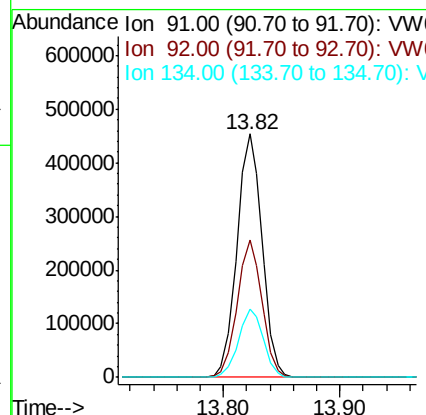
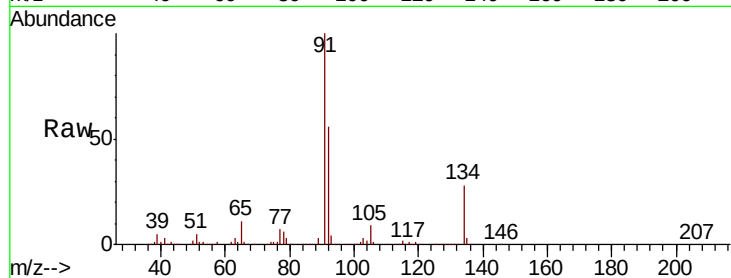
#89
n-Butylbenzene
Concen: 52.973 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100819

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.5	82.4
134	27.8	13.8	41.3

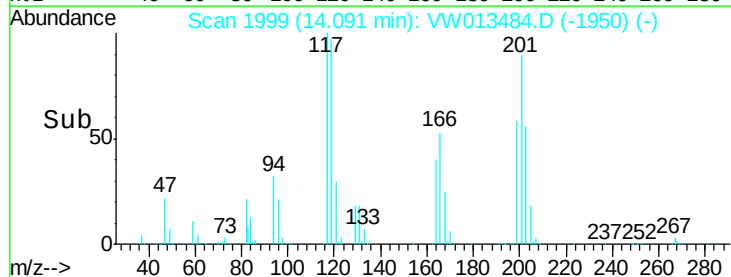
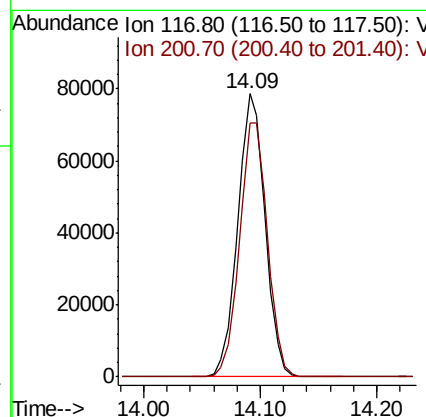
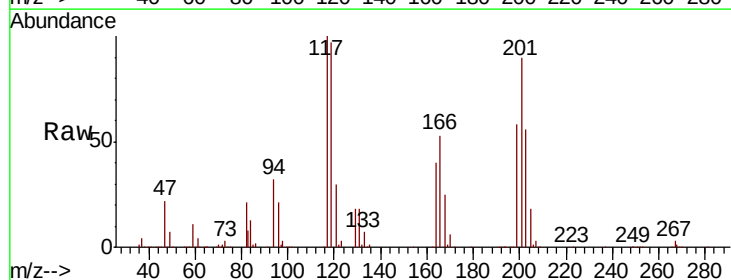
Manual Integrations
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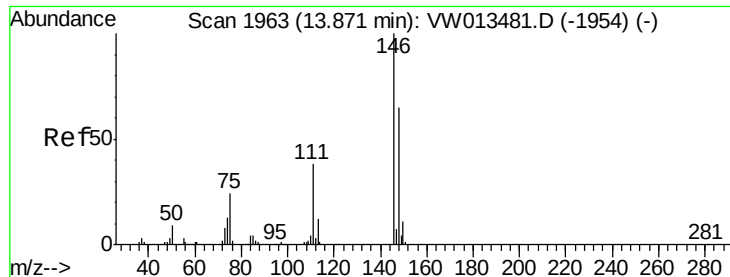
MMDadoda
10/9/2019 4:09:40 PM



#90
Hexachloroethane
Concen: 52.912 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.5	46.9	140.7





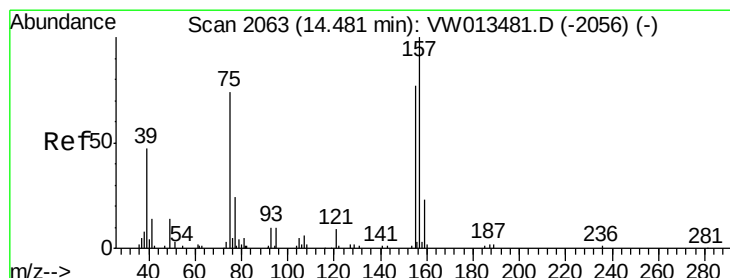
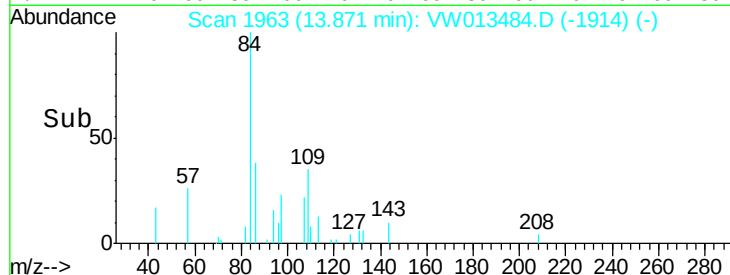
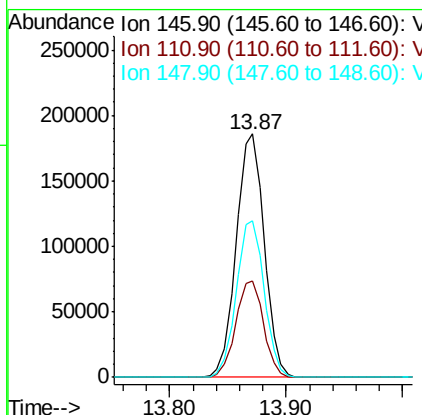
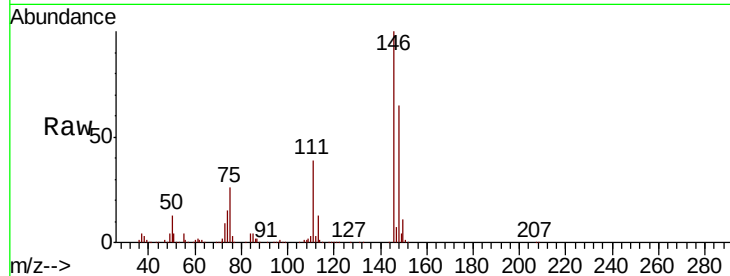
#91
 1,2-Dichlorobenzene
 Concen: 51.861 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100819

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.2
148	64.1	31.8	95.3

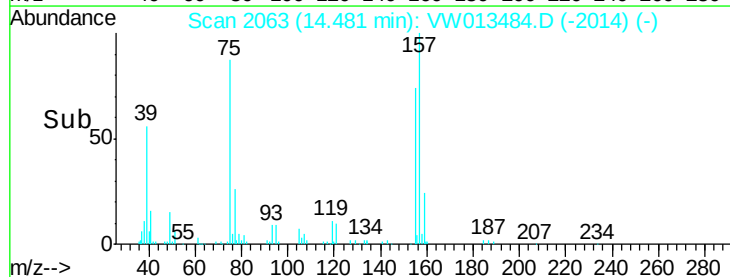
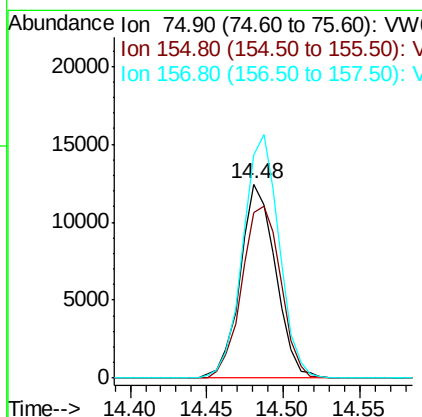
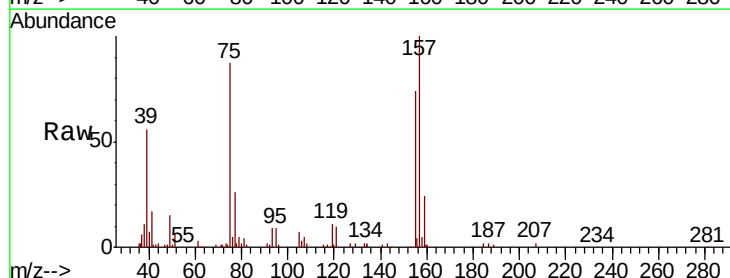
Manual Integrations
 APPROVED

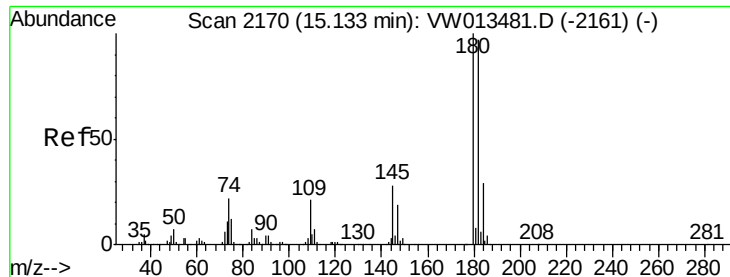
MMDadoda
 10/9/2019 4:09:40 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.645 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW013484.D
 Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	51.0	153.1
157	128.2	65.9	197.7





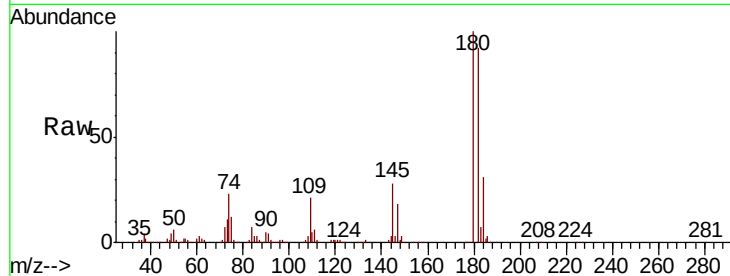
#93
1,2,4-Trichlorobenzene
Concen: 54.879 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100819

Tot Ion	Ratio	Resp	Lower	Upper
180	100	233245		
182	94.8	47.7	143.1	
145	28.4	14.0	41.9	

Manual Integrations
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10/9/2019 4:09:40 PM

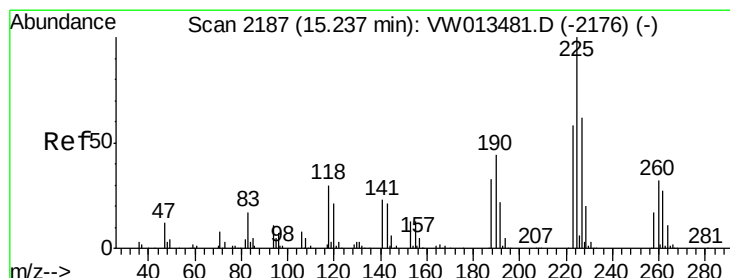
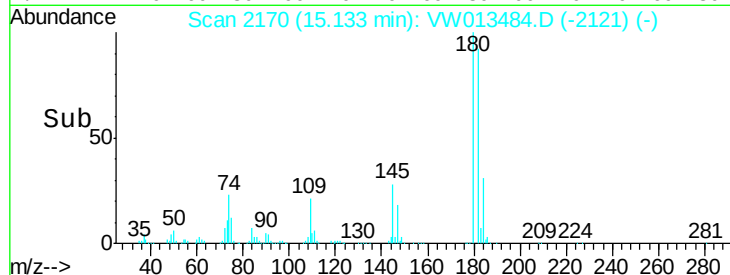
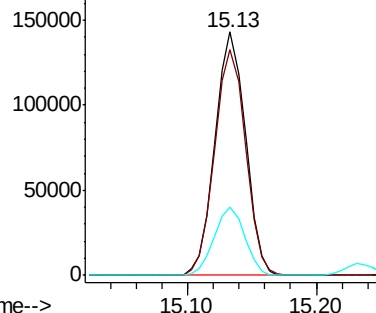


Abundance

Ion 179.80 (179.50 to 180.50): V

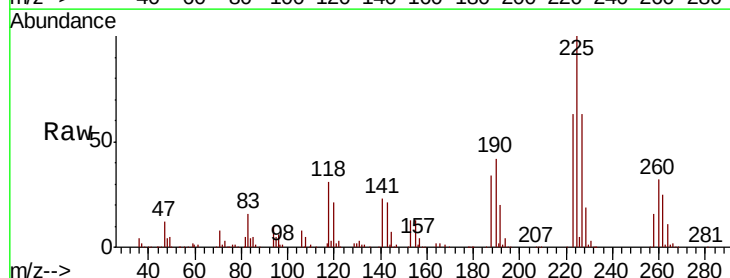
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 53.817 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW013484.D
Acq: 08 Oct 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	152002		
223	62.7	30.3	90.9	
227	63.2	32.0	96.0	

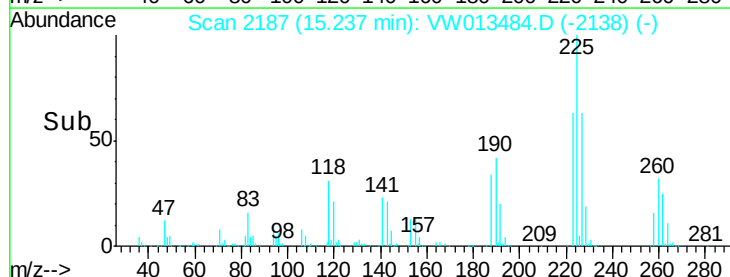
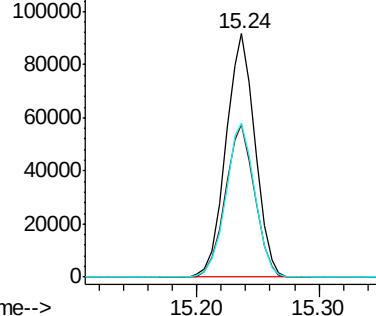


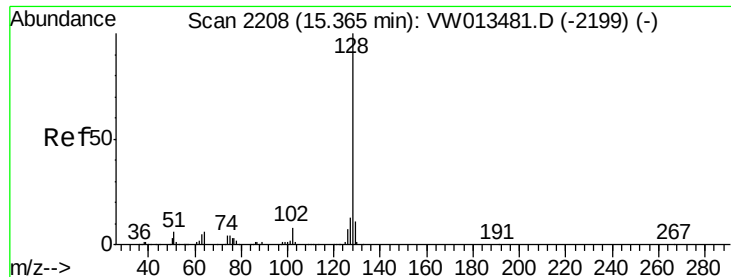
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.745 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Instrument :

MSVOA_W

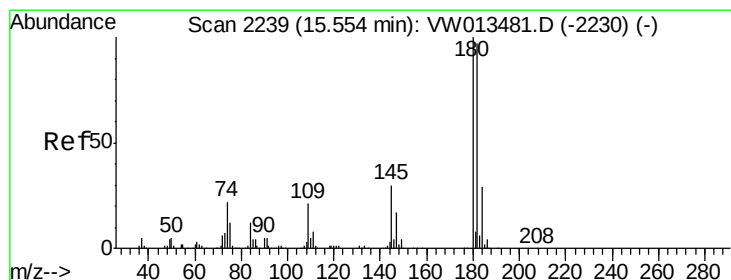
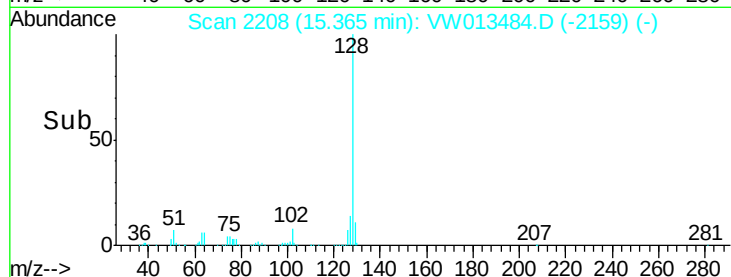
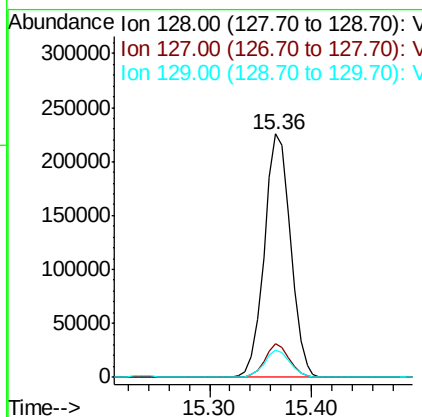
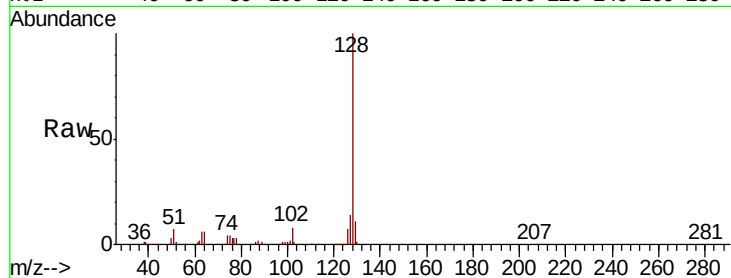
ClientSampleId :

ICVW100819

Tot Ion:	128	Resp:	402489
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/9/2019 4:09:40 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.454 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW013484.D

Acq: 08 Oct 2019 13:14

Tgt Ion:	180	Resp:	202379
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.7	143.1
145	29.7	14.9	44.9

