

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014757.D
 Acq On : 24 Jan 2020 20:53
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 1/27/2020 12:06:38 PM

Quant Time: Jan 27 00:35:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 13:12:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	630945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	985911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	855941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	418369	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	330659	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
35) Dibromofluoromethane	7.88	113	296443	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	10.32	98	1232480	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.62	95	417511	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	218289	55.877	ug/l	97
3) Chloromethane	2.21	50	265913	47.819	ug/l	100
4) Vinyl Chloride	2.36	62	434019	51.383	ug/l	100
5) Bromomethane	2.78	94	241537	51.327	ug/l	98
6) Chloroethane	2.92	64	246802	52.728	ug/l	99
7) Trichlorofluoromethane	3.26	101	212267	52.345	ug/l	99
8) Diethyl Ether	3.68	74	177860	55.642	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	328107	51.157	ug/l	100
10) Methyl Iodide	4.27	142	466980	52.613	ug/l	99
11) Tert butyl alcohol	5.15	59	122731	281.072	ug/l	98
12) 1,1-Dichloroethene	4.04	96	337413	51.855	ug/l	98
13) Acrolein	3.89	56	150955	310.281	ug/l	100
14) Allyl chloride	4.66	41	568982	53.240	ug/l	99
15) Acrylonitrile	5.36	53	458498	302.214	ug/l	100
16) Acetone	4.11	43	372013	243.585	ug/l	98
17) Carbon Disulfide	4.39	76	1074546	51.794	ug/l	99
18) Methyl Acetate	4.67	43	212221	62.071	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	482053	59.190	ug/l	100
20) Methylene Chloride	4.91	84	358498	54.943	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	359684	52.130	ug/l	98
22) Diisopropyl ether	6.31	45	1087116	55.386	ug/l	100
23) Vinyl Acetate	6.25	43	3401305	292.303	ug/l	99
24) 1,1-Dichloroethane	6.21	63	648640	52.629	ug/l	99
25) 2-Butanone	7.17	43	583486	290.272	ug/l	99
26) 2,2-Dichloropropane	7.16	77	327892	47.739	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	376723	53.342	ug/l	100
28) Bromochloromethane	7.51	49	278065	58.485	ug/l	98
29) Tetrahydrofuran	7.52	42	395983	311.420	ug/l	99
30) Chloroform	7.67	83	593762	52.171	ug/l	96
31) Cyclohexane	7.95	56	642466	50.800	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	478568	51.788	ug/l	100
36) 1,1-Dichloropropene	8.08	75	506410	50.653	ug/l	100
37) Ethyl Acetate	7.25	43	269934	60.746	ug/l	99
38) Carbon Tetrachloride	8.07	117	431657	49.575	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	625473	51.991	ug/l	98
40) Benzene	8.32	78	1420698	50.886	ug/l	99
41) Methacrylonitrile	7.48	41	145918	60.012	ug/l	97
42) 1,2-Dichloroethane	8.40	62	394109	52.531	ug/l	100
43) Isopropyl Acetate	8.42	43	467780	58.148	ug/l	99
44) Trichloroethene	9.09	130	361427	50.731	ug/l	100
45) 1,2-Dichloropropane	9.37	63	360644	52.069	ug/l	100
46) Dibromomethane	9.46	93	176017	53.621	ug/l	98
47) Bromodichloromethane	9.64	83	441431	52.553	ug/l	99
48) Methyl methacrylate	9.43	41	238686	62.950	ug/l	93
49) 1,4-Dioxane	9.44	88	68042	1144.424	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	1259728	300.744	ug/l	99
52) Toluene	10.38	92	876592	51.428	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	445142	53.228	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	539428	52.656	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	252733	53.793	ug/l	98
56) Ethyl methacrylate	10.64	69	356186	58.825	ug/l	96
57) 1,3-Dichloropropane	10.93	76	456832	54.234	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	582556	299.240	ug/l	99
59) 2-Hexanone	10.96	43	866163	306.864	ug/l	99
60) Dibromochloromethane	11.13	129	279131	53.160	ug/l	98
61) 1,2-Dibromoethane	11.23	107	235884	53.667	ug/l	99
64) Tetrachloroethene	10.86	164	308772	52.092	ug/l	95
65) Chlorobenzene	11.65	112	867655	50.102	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	302192	51.523	ug/l	100
67) Ethyl Benzene	11.73	91	1638426	51.930	ug/l	100
68) m/p-Xylenes	11.84	106	1240734	104.030	ug/l	100
69) o-Xylene	12.16	106	568280	52.797	ug/l	100
70) Styrene	12.18	104	984747	53.223	ug/l	99
71) Bromoform	12.35	173	164814	54.848	ug/l #	100
73) Isopropylbenzene	12.46	105	1568279	52.827	ug/l	98
74) N-amyl acetate	12.27	43	419824	59.376	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	304513	56.197	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	231427m	55.715	ug/l	
77) Bromobenzene	12.74	156	357570	52.381	ug/l	97
78) n-propylbenzene	12.80	91	1886230	52.158	ug/l	100
79) 2-Chlorotoluene	12.89	91	1055450	51.542	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1313649	52.018	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	97573	55.594	ug/l	99
82) 4-Chlorotoluene	12.99	91	1097256	51.244	ug/l	100
83) tert-Butylbenzene	13.21	119	1143941	52.356	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1317156	52.193	ug/l	99
85) sec-Butylbenzene	13.38	105	1606180	52.204	ug/l	100
86) p-Isopropyltoluene	13.49	119	1445707	51.871	ug/l	100
87) 1,3-Dichlorobenzene	13.49	146	690437	50.967	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	682374	51.103	ug/l	99
89) n-Butylbenzene	13.82	91	1375255	51.729	ug/l	100
90) Hexachloroethane	14.09	117	252591	51.077	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	616123	51.854	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	50077	57.036	ug/l	98

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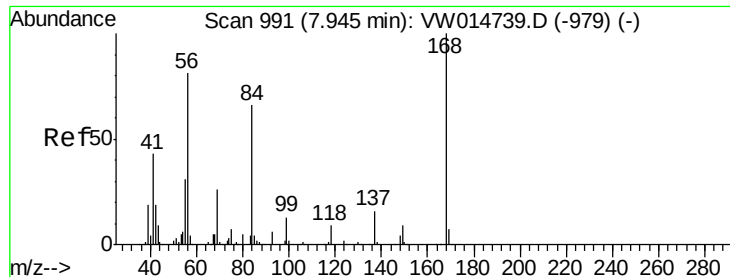
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	408887	54.130	ug/l	99
94) Hexachlorobutadiene	15.23	225	256331	49.741	ug/l	98
95) Naphthalene	15.36	128	773786	55.102	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	353223	54.626	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: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 630945

Ion Ratio Lower Upper

168 100

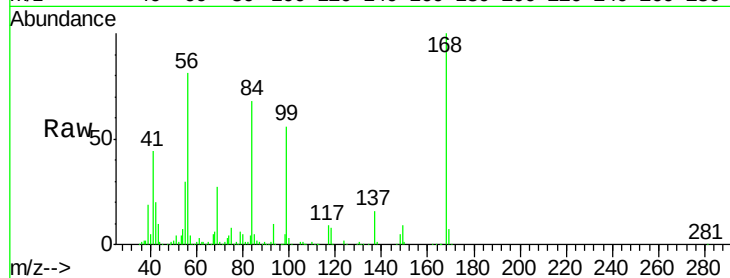
99 56.1 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

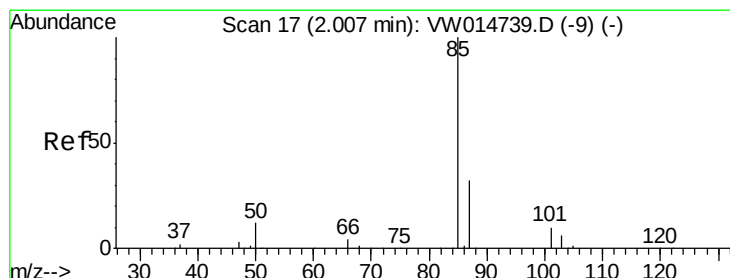
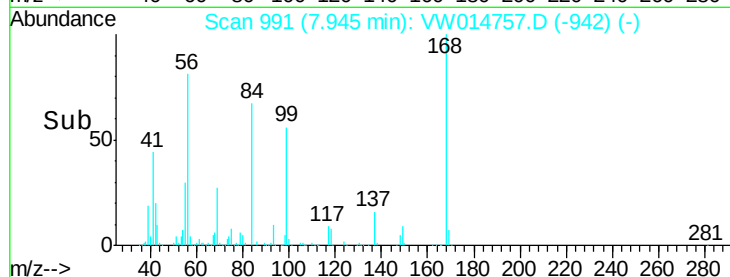
200000

100000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 55.877 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014757.D

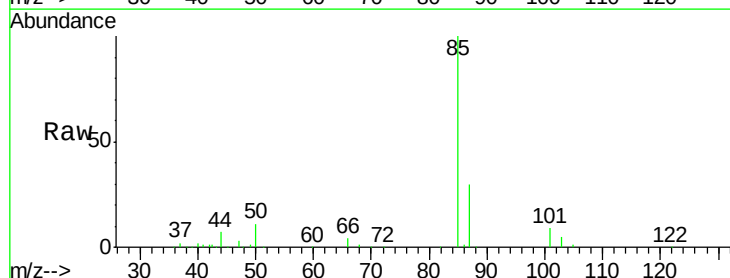
Acq: 24 Jan 2020 20:53

Tgt Ion: 85 Resp: 218289

Ion Ratio Lower Upper

85 100

87 30.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

80000

60000

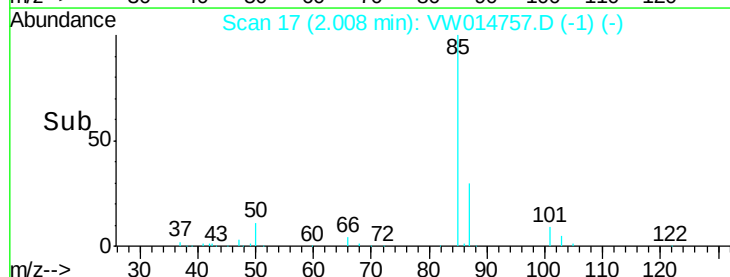
40000

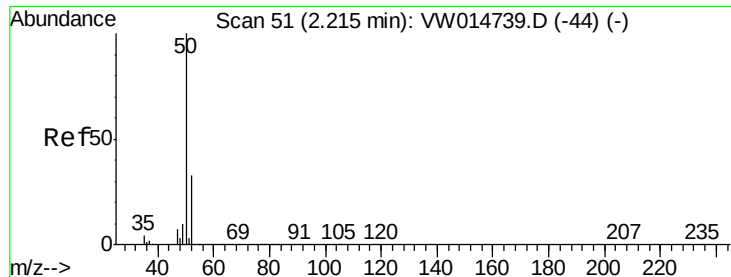
20000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 47.819 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 265913

Ion Ratio Lower Upper

50 100

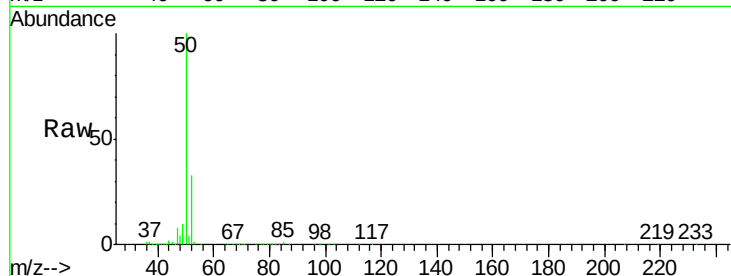
52 33.2 26.7 40.1

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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

200000

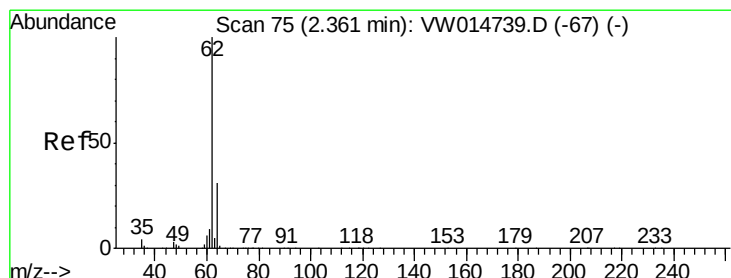
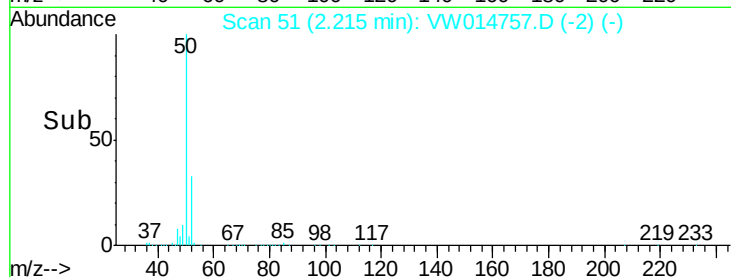
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 51.383 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014757.D

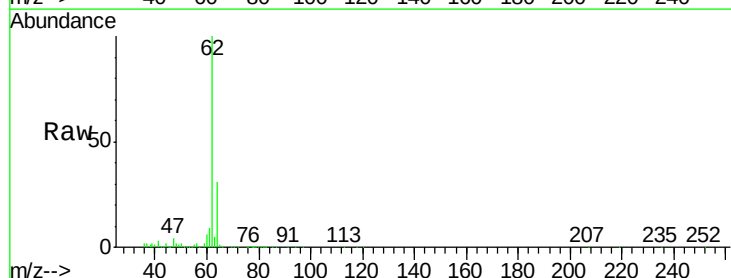
Acq: 24 Jan 2020 20:53

Tgt Ion: 62 Resp: 434019

Ion Ratio Lower Upper

62 100

64 30.7 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

250000

200000

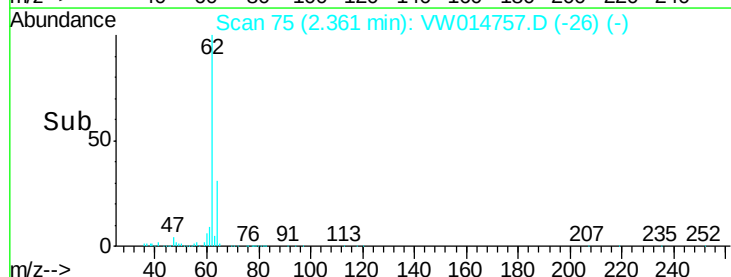
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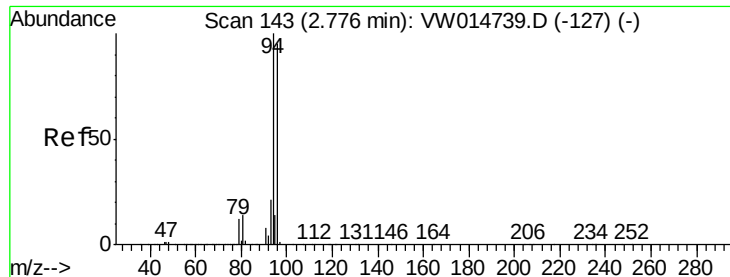
100000

50000

0

Time-->





#5

Bromomethane

Concen: 51.327 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 241537

Ion Ratio Lower Upper

94 100

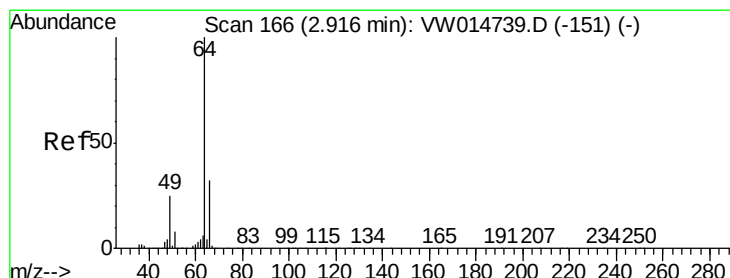
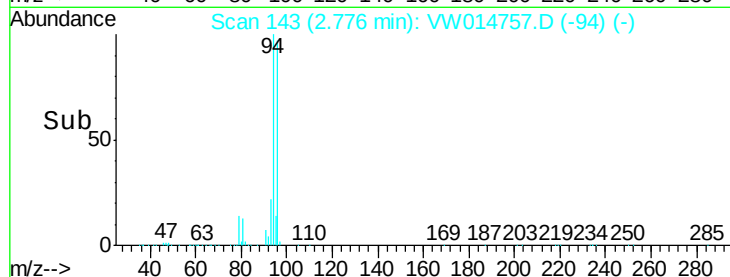
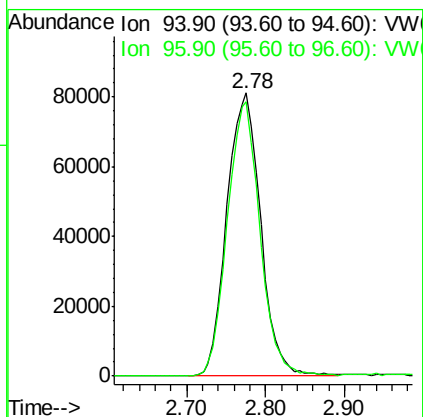
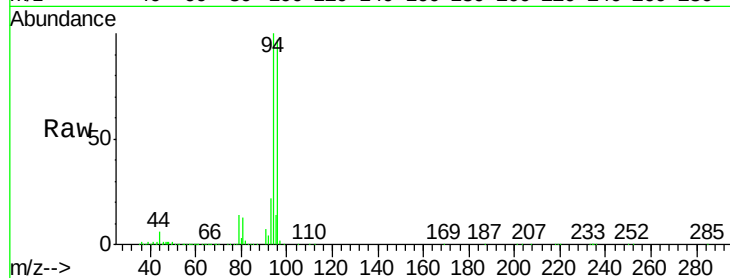
96 97.0 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 52.728 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW014757.D

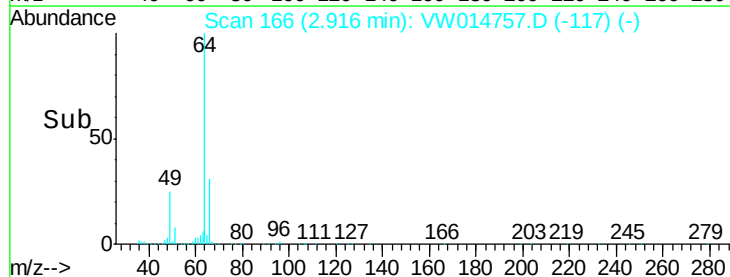
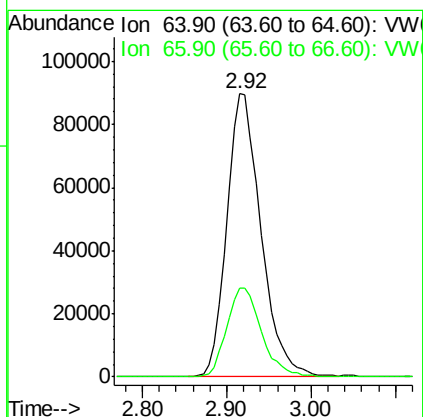
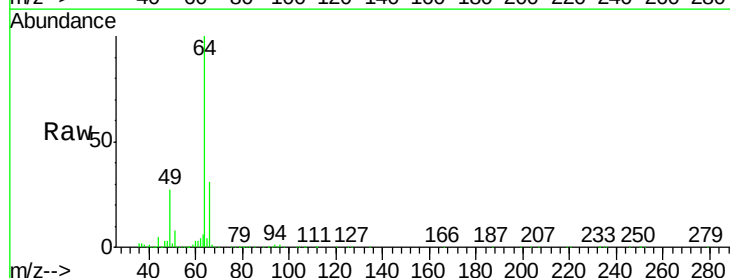
Acq: 24 Jan 2020 20:53

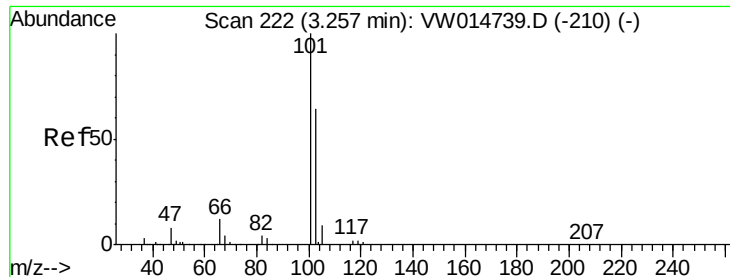
Tgt Ion: 64 Resp: 246802

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3





#7

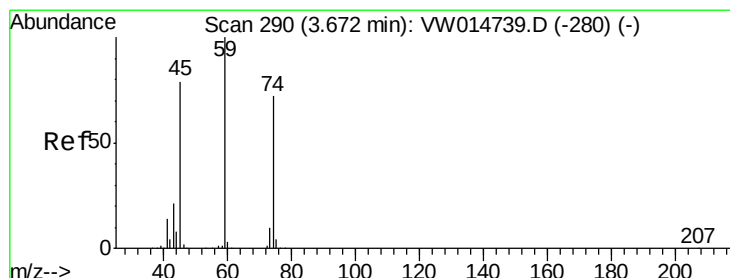
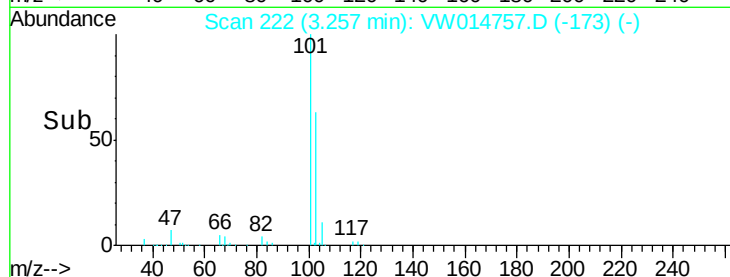
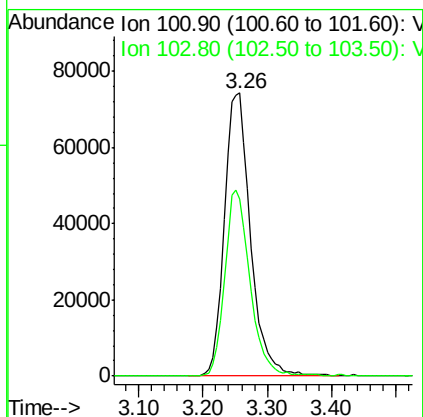
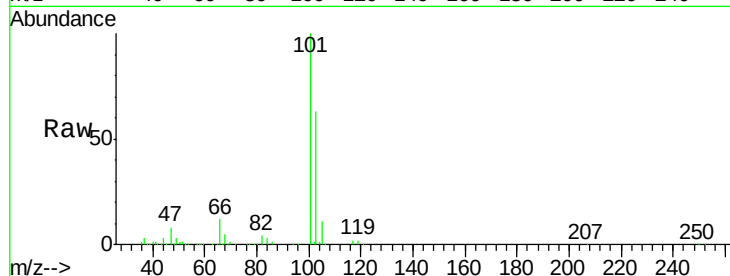
Trichlorofluoromethane
 Concen: 52.345 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW014757.D
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 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	212267		
103	62.6	50.8	76.2	

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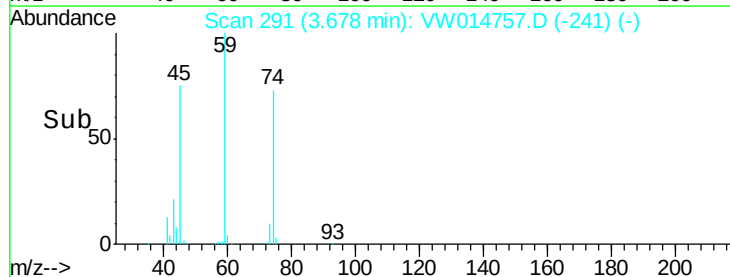
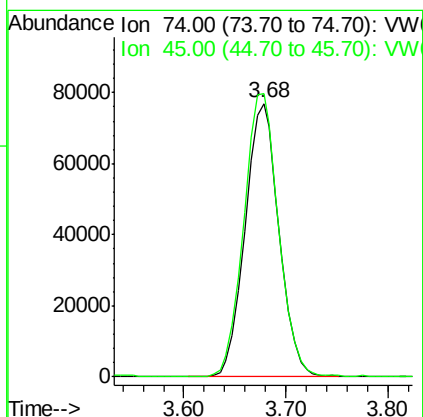
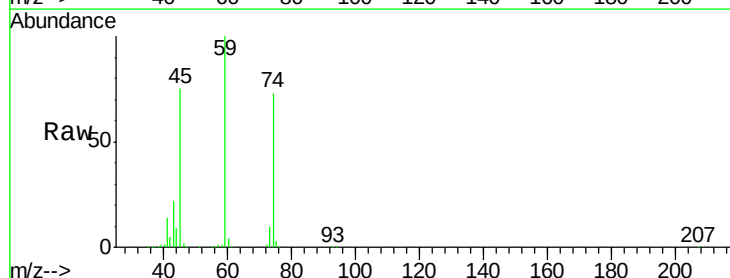
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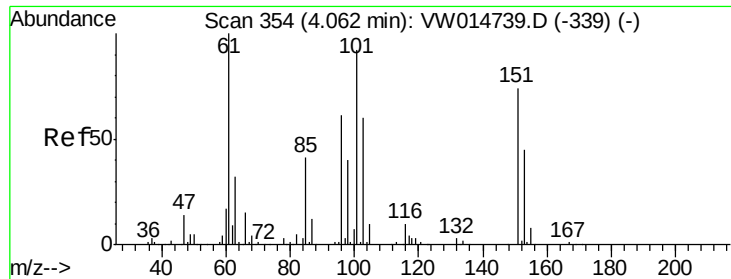


#8

Diethyl Ether
 Concen: 55.642 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.01 min
 Lab File: VW014757.D
 Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	177860		
45	105.9	52.7	158.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.157 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

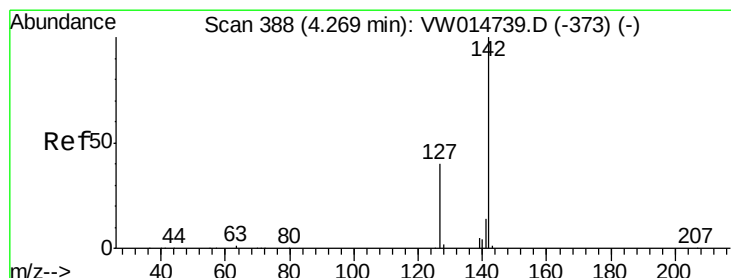
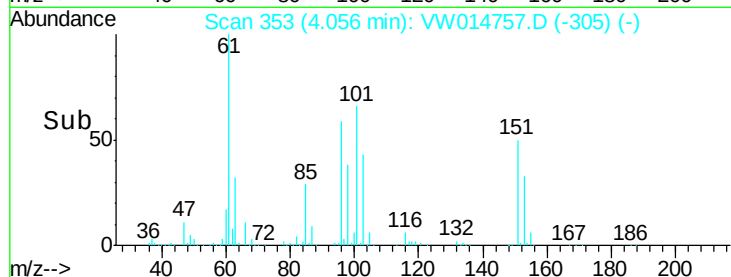
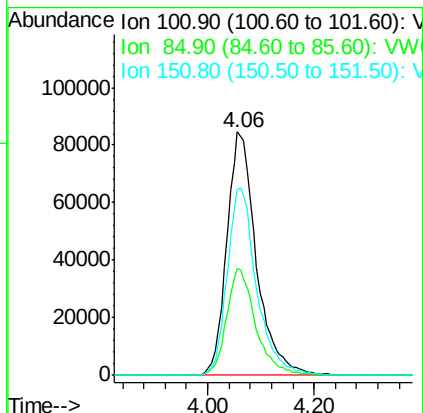
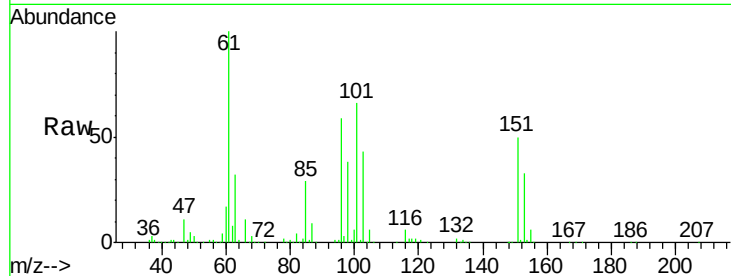
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	328107
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.4	51.6
151	76.6	61.5	92.3

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#10

Methyl Iodide

Concen: 52.613 ug/l

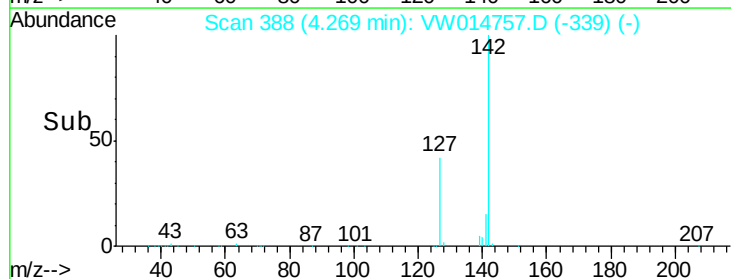
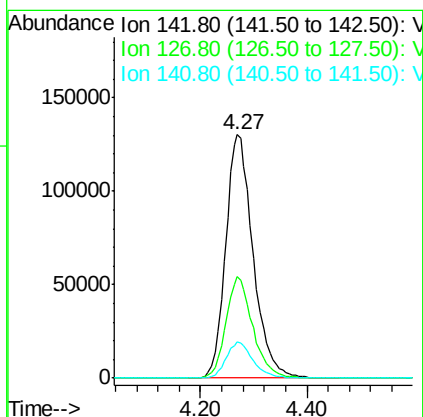
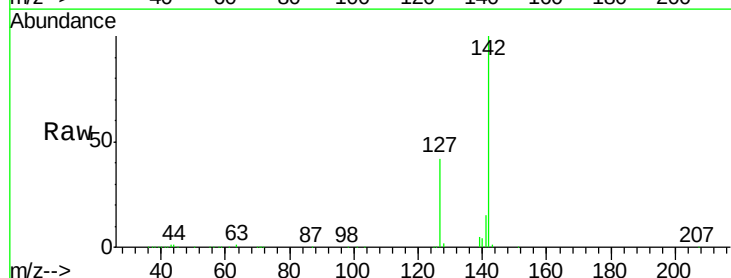
RT: 4.27 min Scan# 388

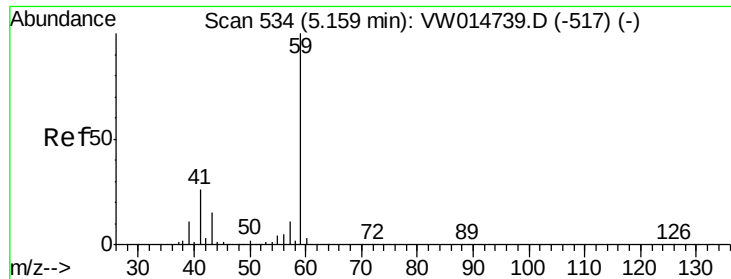
Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Tgt Ion:	142	Resp:	466980
Ion Ratio	Lower	Upper	
142	100		
127	40.8	33.2	49.8
141	14.5	11.8	17.6





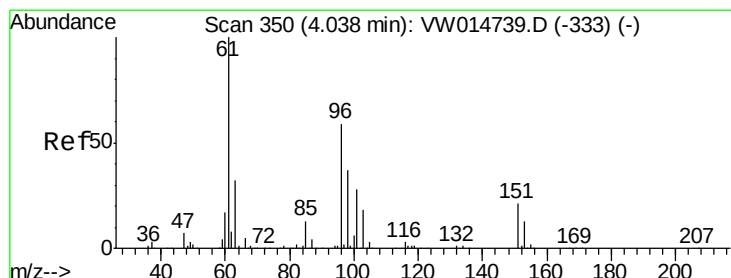
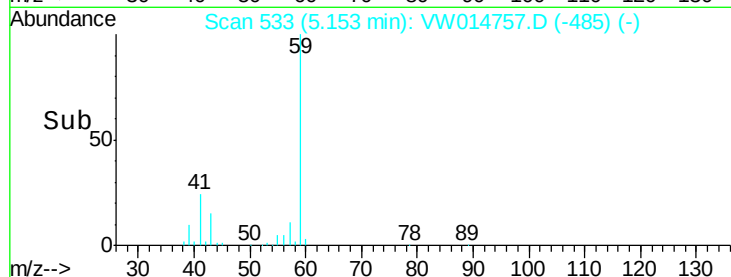
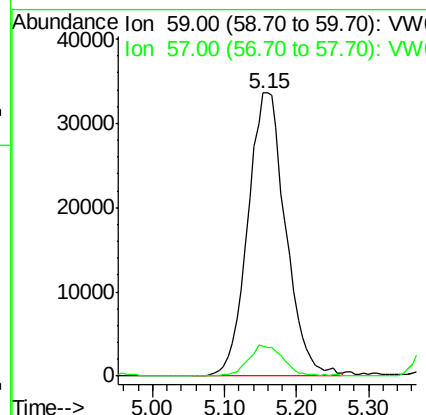
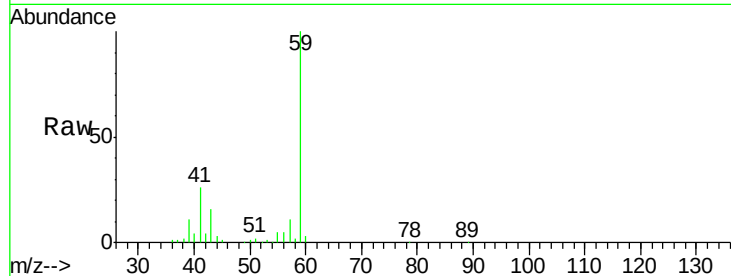
#11
Tert butyl alcohol
Concen: 281.072 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.6	12.8

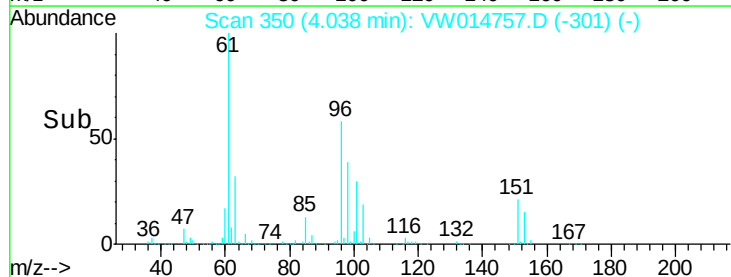
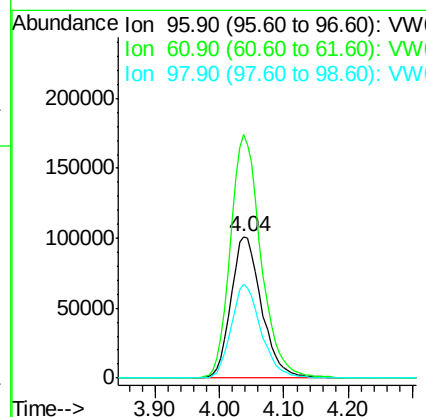
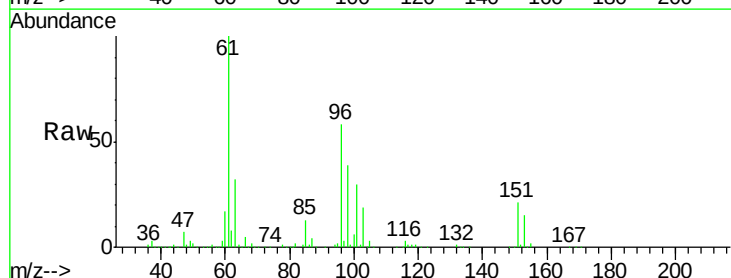
Manual Integrations
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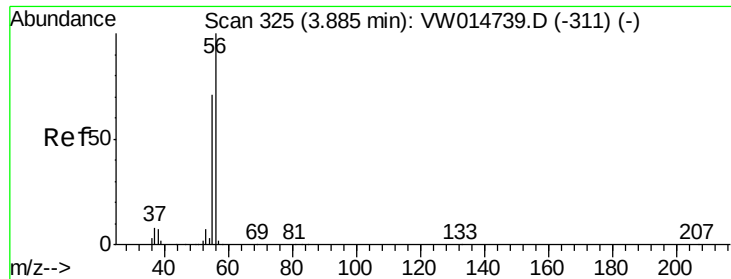
MMDadoda
1/27/2020 12:06:38 PM



#12
1,1-Dichloroethene
Concen: 51.855 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.0	136.3	204.5
98	66.2	51.0	76.6





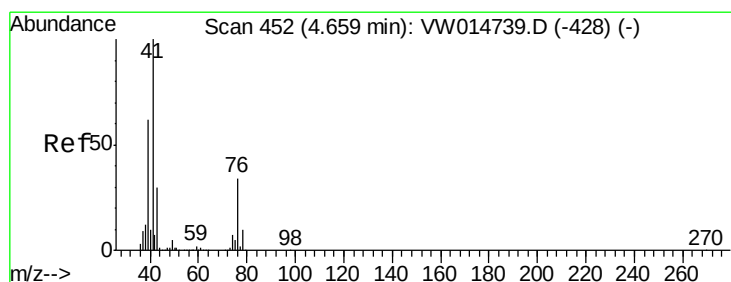
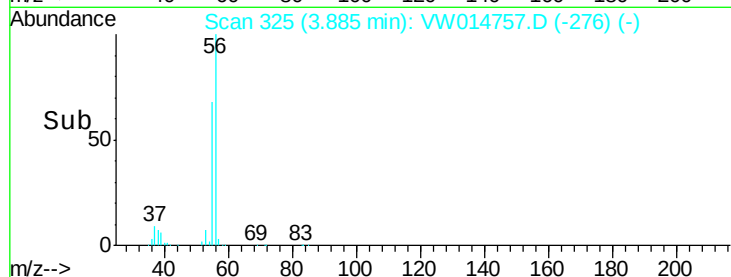
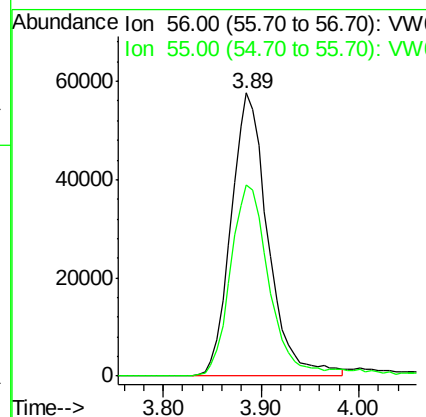
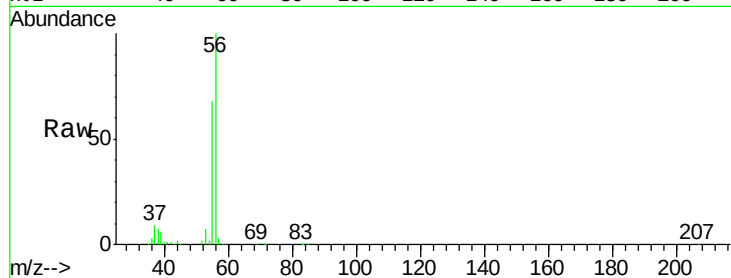
#13
Acrolein
Concen: 310.281 ug/l
RT: 3.89 min Scan# 325
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.5	55.7	83.5

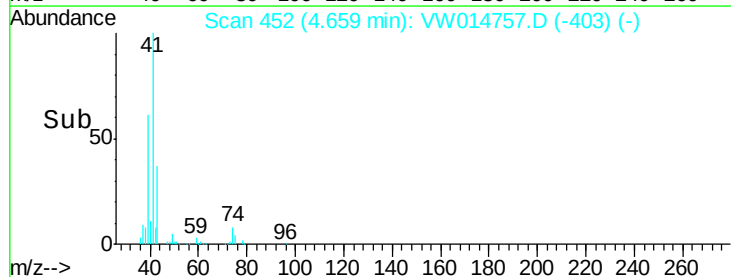
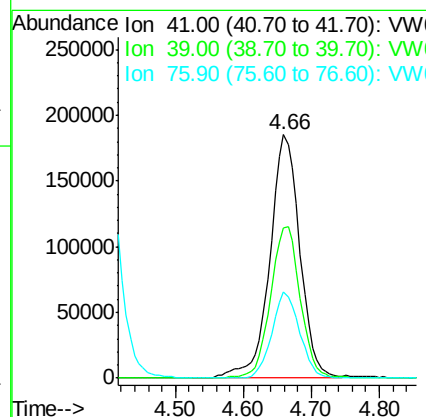
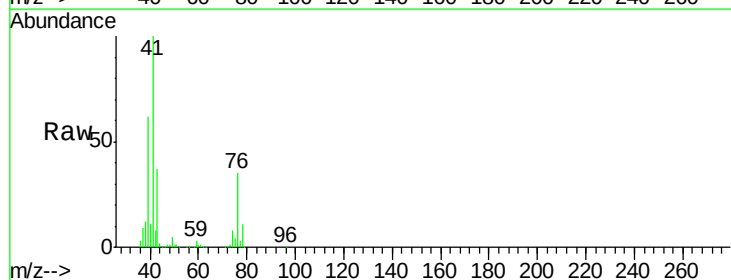
Manual Integrations
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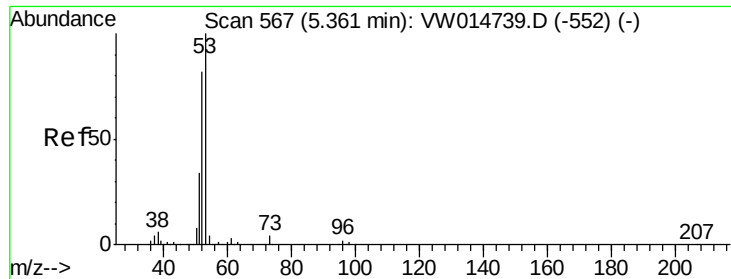
MMDadoda
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#14
Allyl chloride
Concen: 53.240 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.9	50.0	75.0
76	32.6	26.7	40.1





#15

Acrylonitrile

Concen: 302.214 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

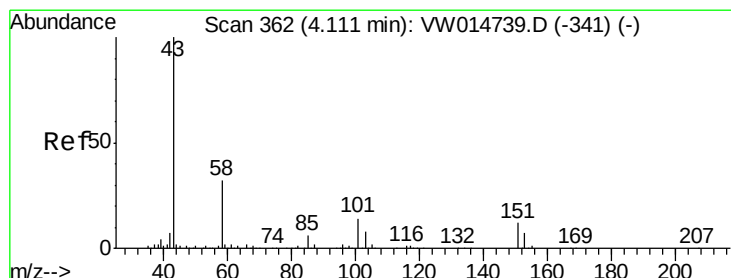
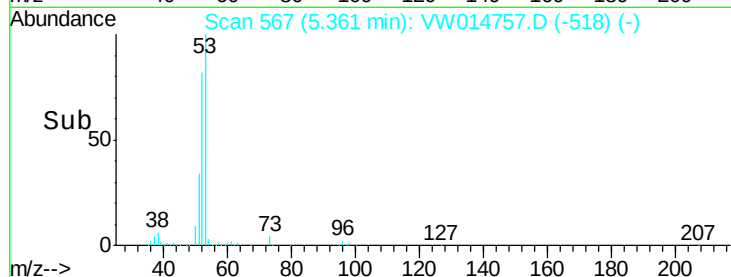
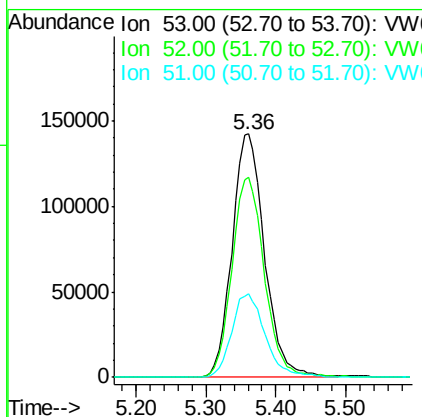
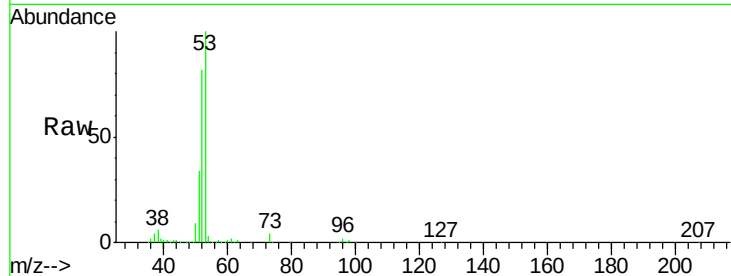
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	458498
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.0	99.0
51	35.5	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 243.585 ug/l

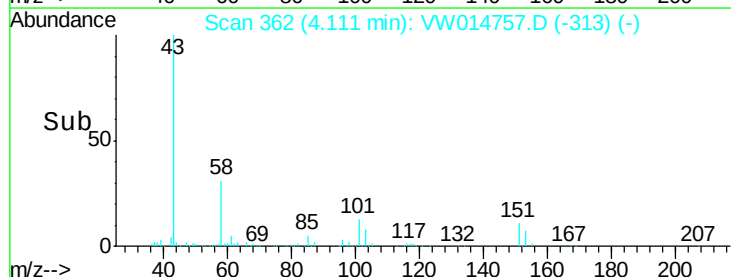
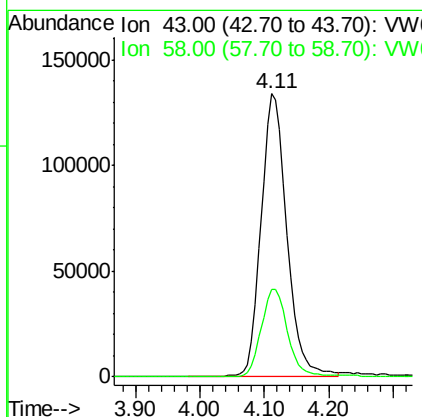
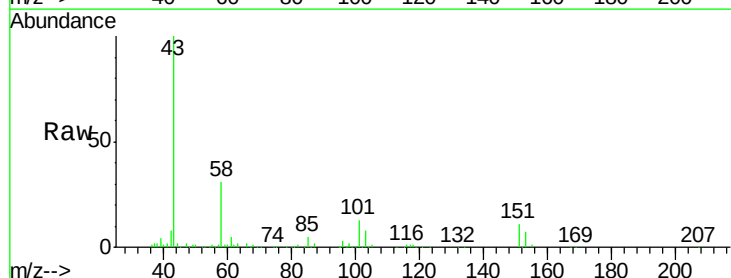
RT: 4.11 min Scan# 362

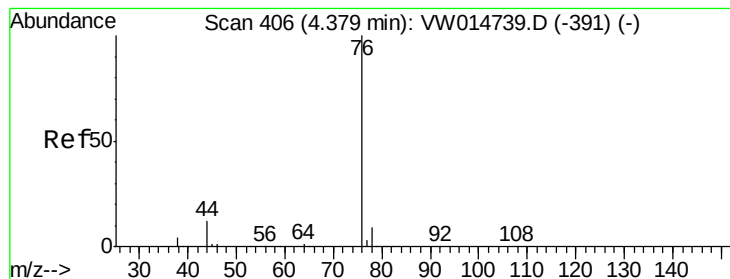
Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Tgt Ion:	43	Resp:	372013
Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.6	38.4





#17

Carbon Disulfide

Concen: 51.794 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 1074546

Ion Ratio Lower Upper

76 100

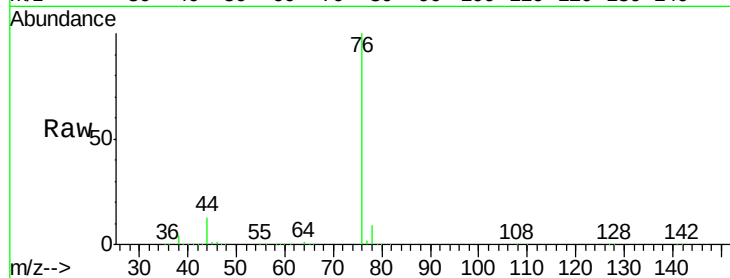
78 9.2 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

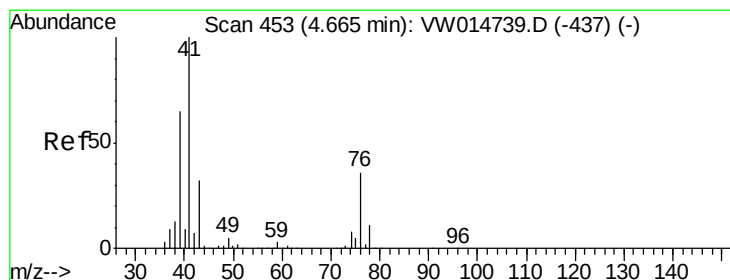
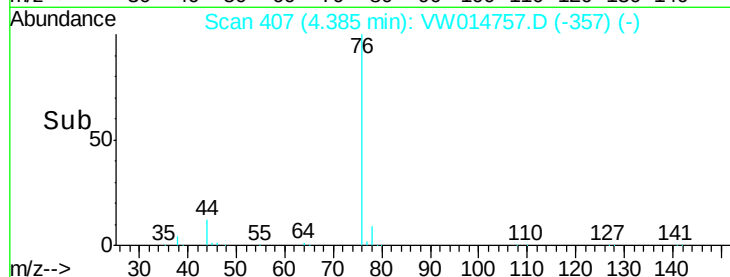
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 62.071 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW014757.D

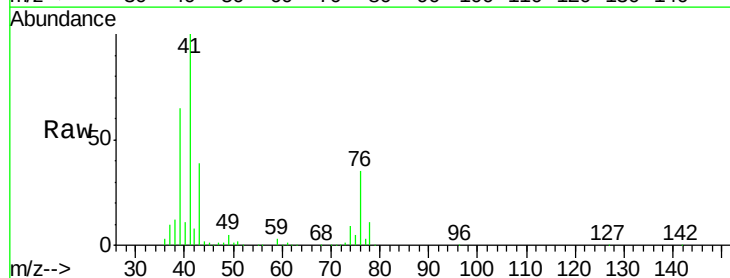
Acq: 24 Jan 2020 20:53

Tgt Ion: 43 Resp: 212221

Ion Ratio Lower Upper

43 100

74 22.6 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

80000

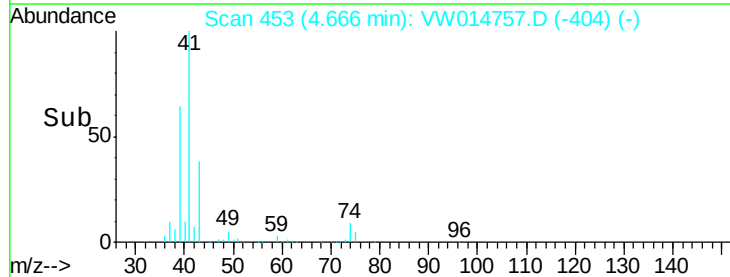
60000

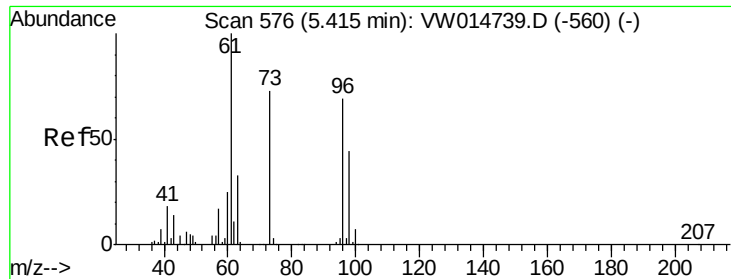
40000

20000

0

Time-->





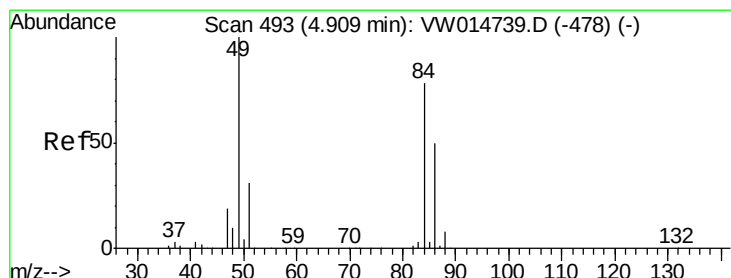
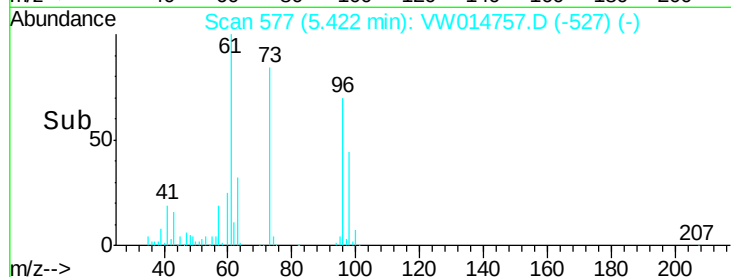
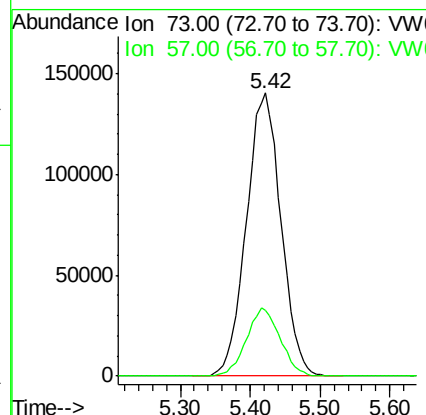
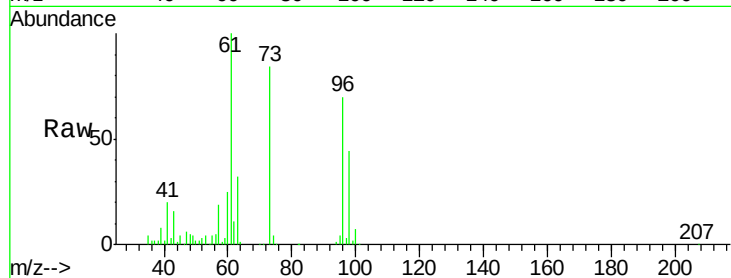
#19
Methyl tert-butyl Ether
Concen: 59.190 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 482053
Ion Ratio Lower Upper
73 100
57 23.2 18.5 27.7

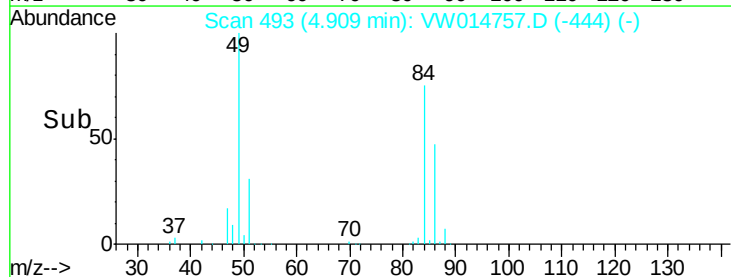
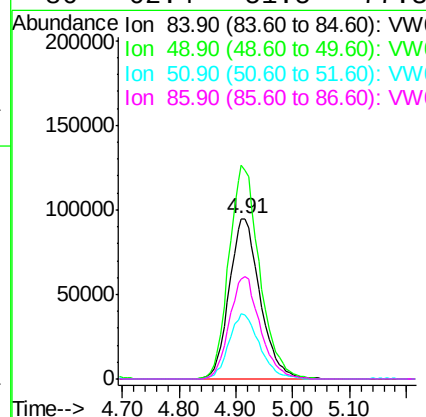
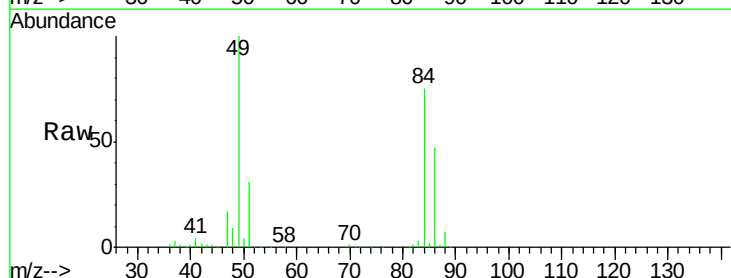
Manual Integrations
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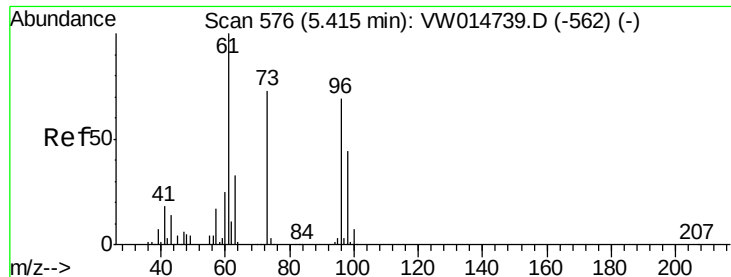
MMDadoda
1/27/2020 12:06:38 PM



#20
Methylene Chloride
Concen: 54.943 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion: 84 Resp: 358498
Ion Ratio Lower Upper
84 100
49 133.2 103.1 154.7
51 40.9 32.1 48.1
86 62.4 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 52.130 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

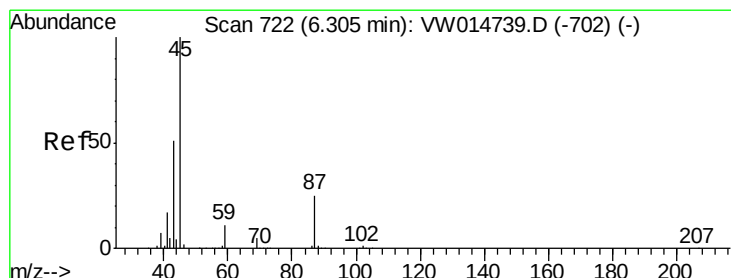
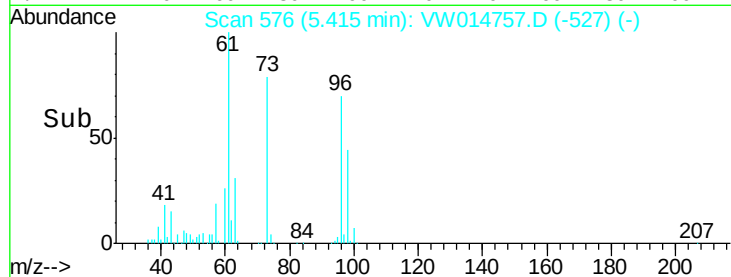
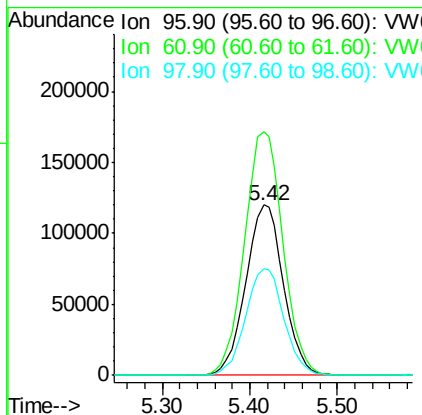
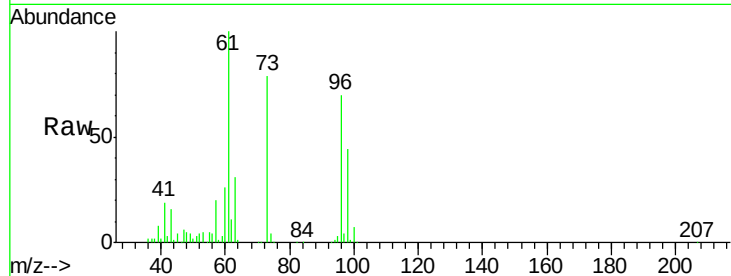
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	359684
Ion	Ratio	Lower	Upper
96	100		
61	142.9	116.1	174.1
98	62.8	51.6	77.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.386 ug/l

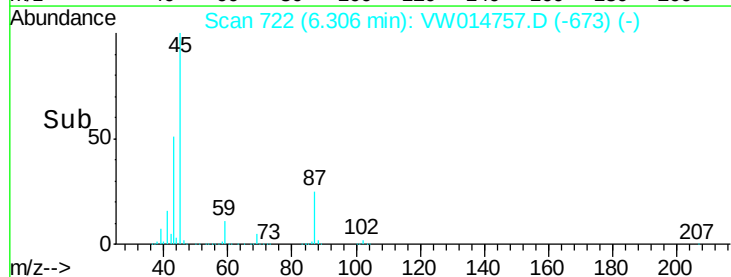
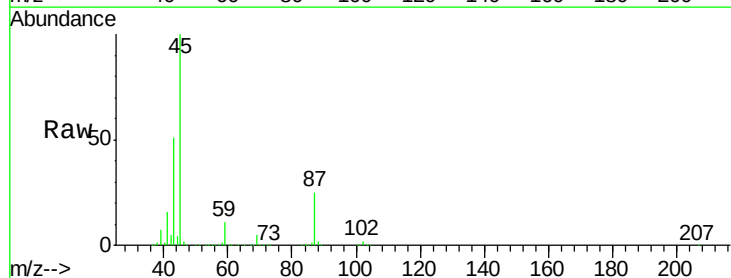
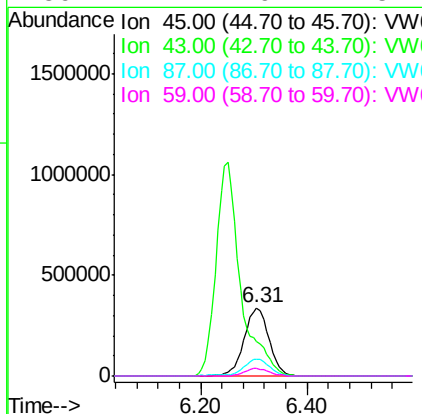
RT: 6.31 min Scan# 722

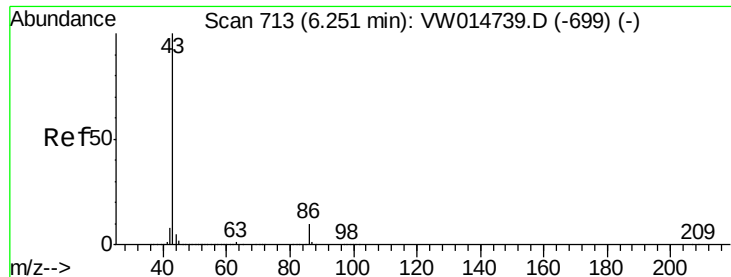
Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Tgt Ion:	45	Resp:	1087116
Ion	Ratio	Lower	Upper
45	100		
43	51.0	40.9	61.3
87	25.1	20.3	30.5
59	11.2	9.1	13.7





#23

Vinyl Acetate

Concen: 292.303 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Tot Ion: 43 Resp: 3401305

Ion Ratio Lower Upper

43 100

86 10.1 7.9 11.9

Instrument :

MSVOA_W

ClientSampleId :

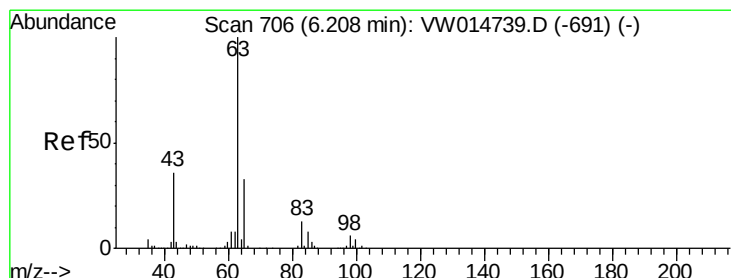
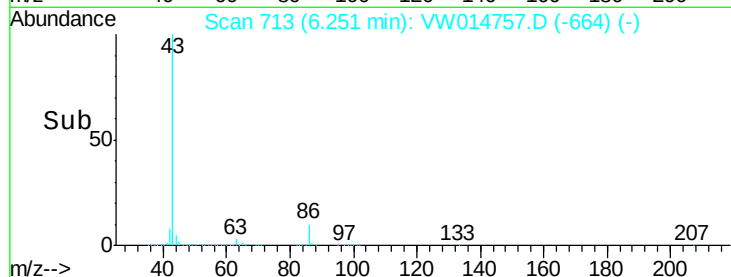
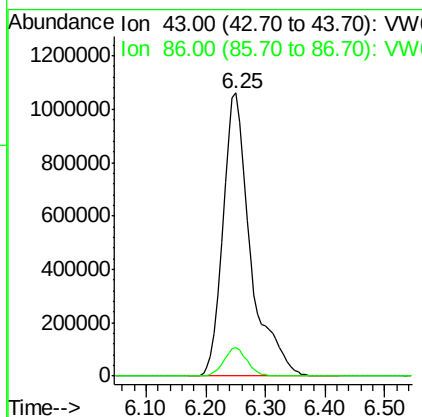
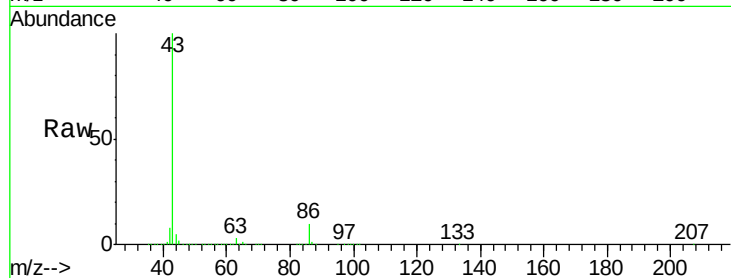
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 52.629 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

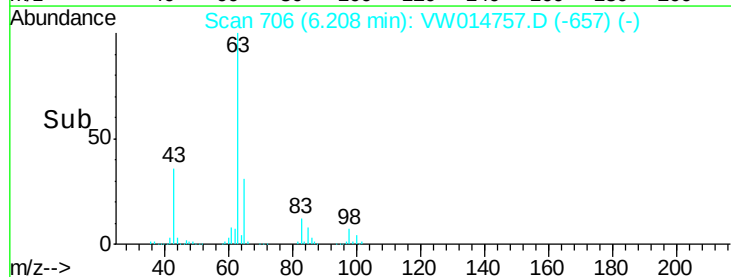
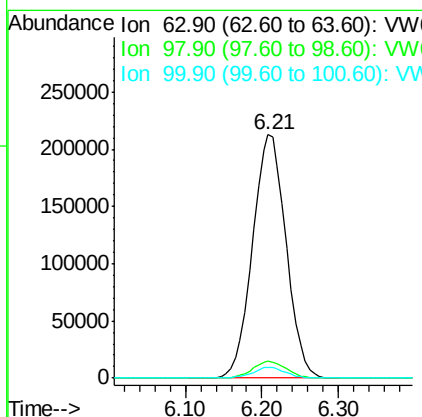
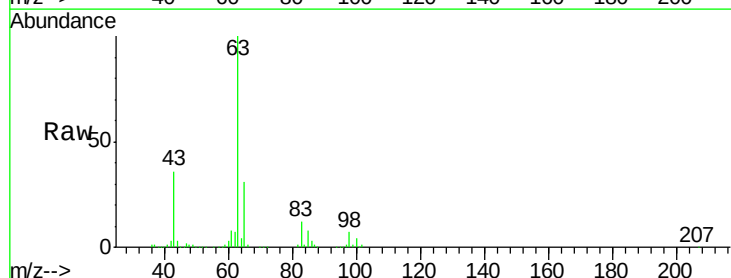
Tgt Ion: 63 Resp: 648640

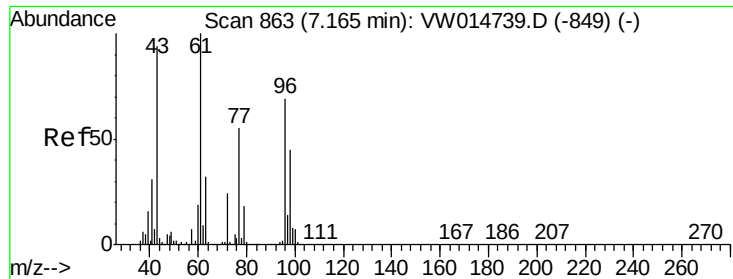
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 290.272 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 583486

Ion Ratio Lower Upper

43 100

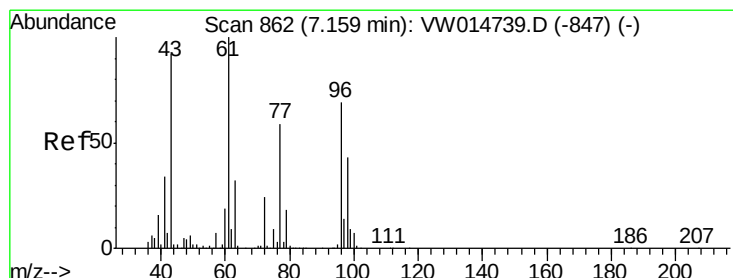
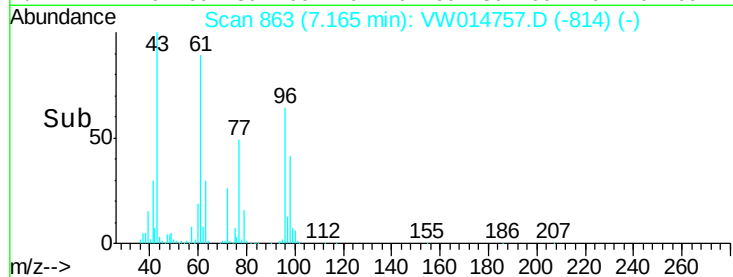
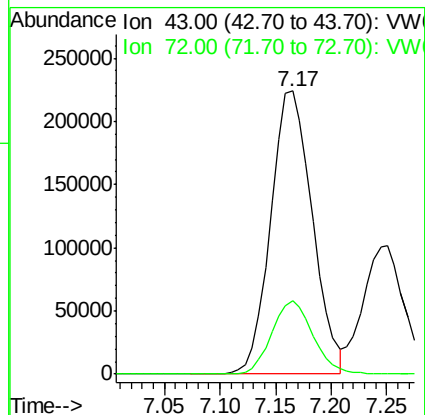
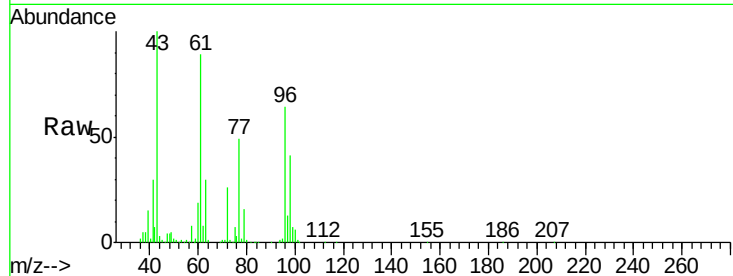
72 26.0 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.739 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW014757.D

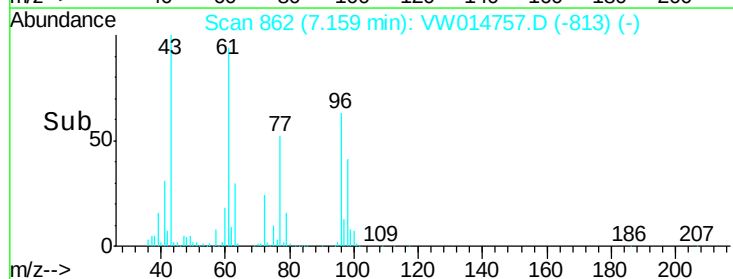
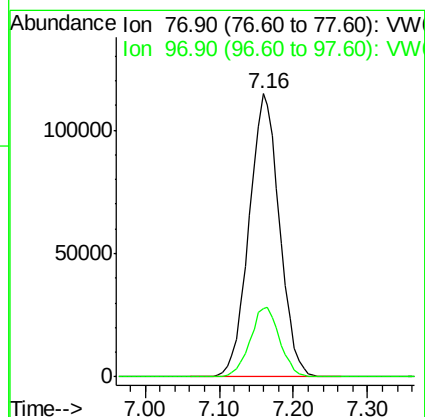
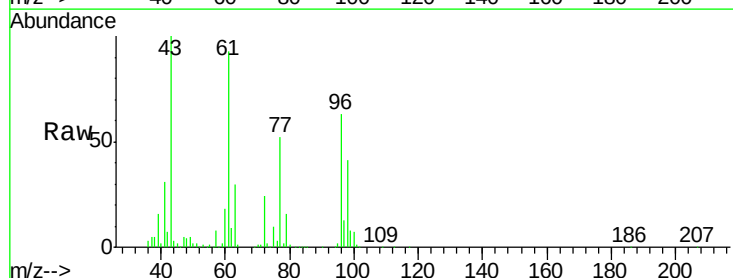
Acq: 24 Jan 2020 20:53

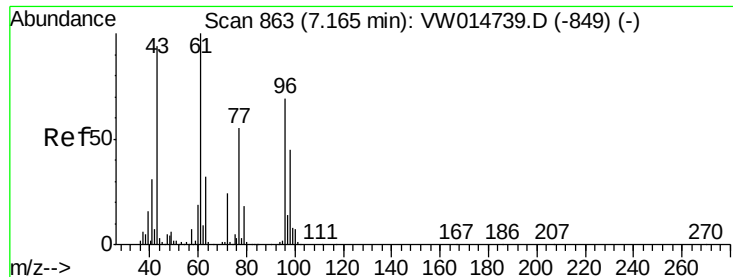
Tgt Ion: 77 Resp: 327892

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.9





#27

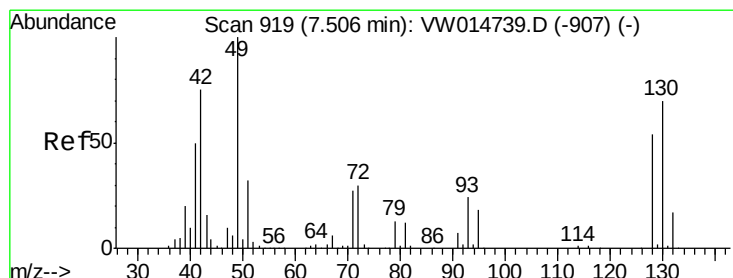
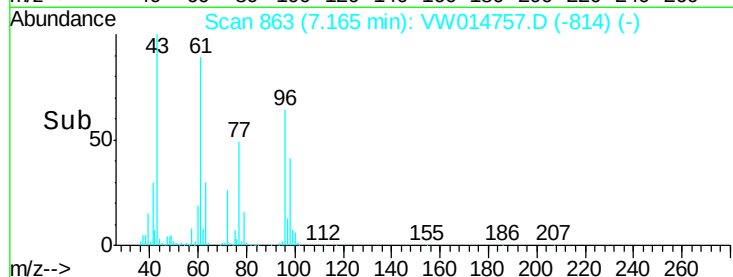
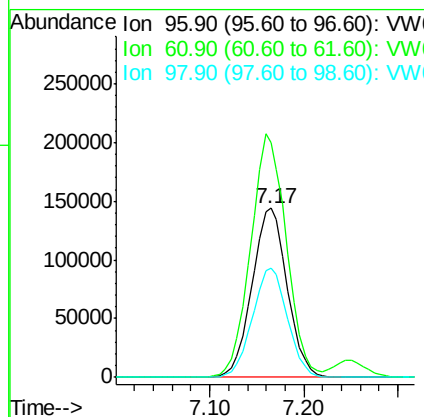
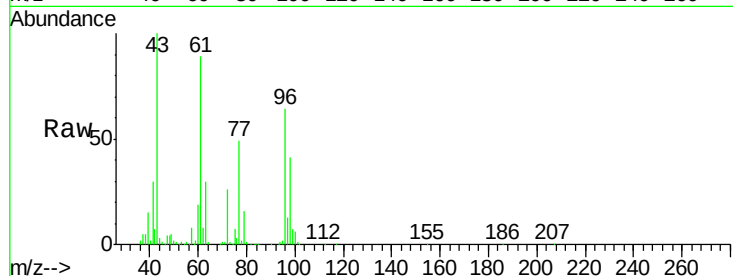
cis-1,2-Dichloroethene
Concen: 53.342 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	292.2
98	64.4	0.0	127.6

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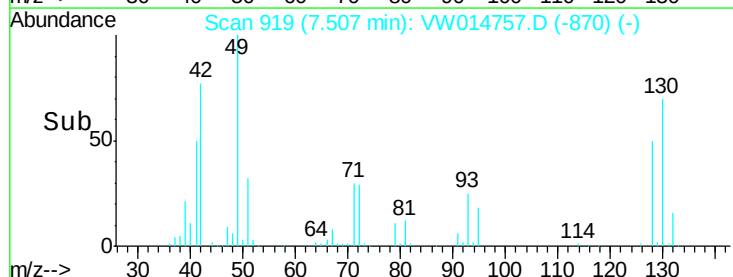
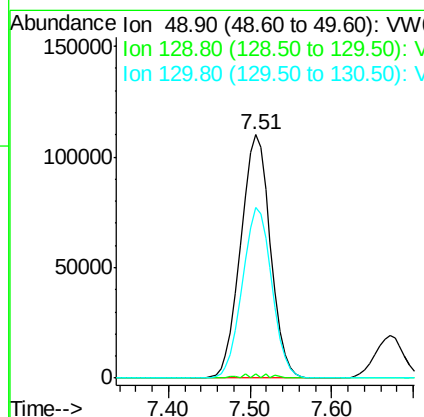
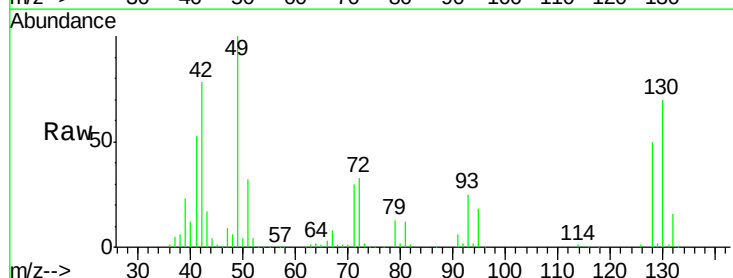
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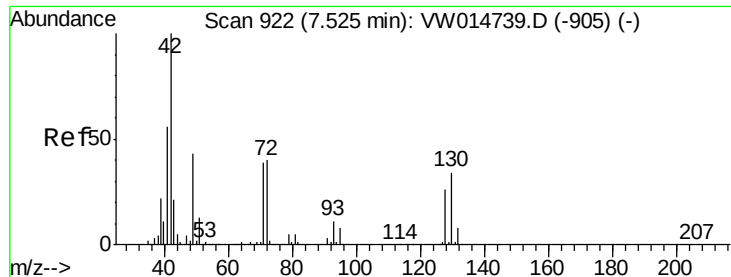


#28

Bromochloromethane
Concen: 58.485 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	2.6
130	69.5	56.7	85.1





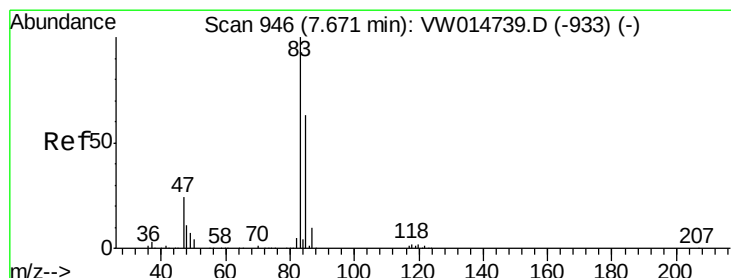
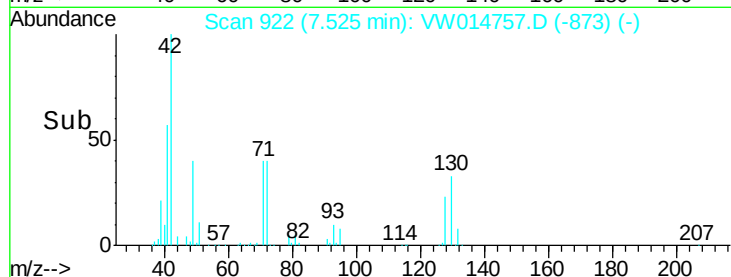
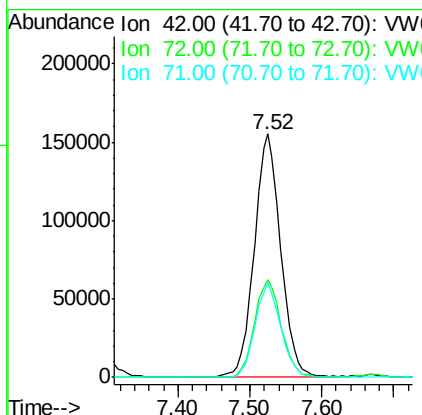
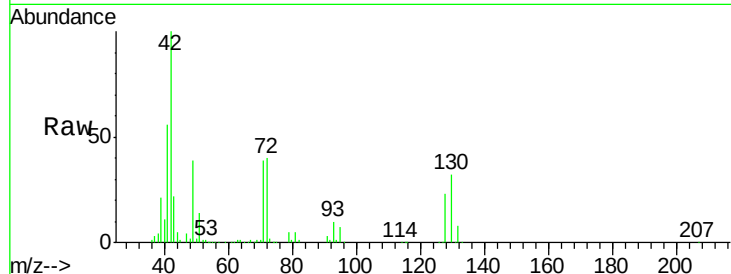
#29
Tetrahydrofuran
Concen: 311.420 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	32.3	48.5
71	37.8	31.0	46.4

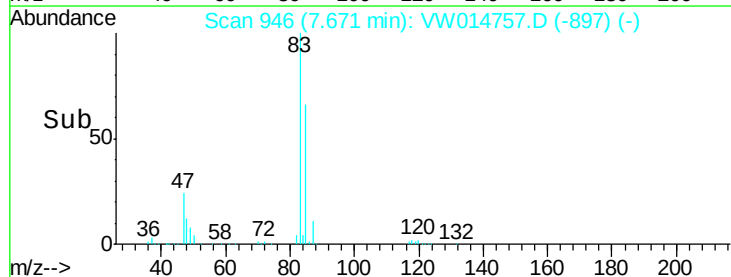
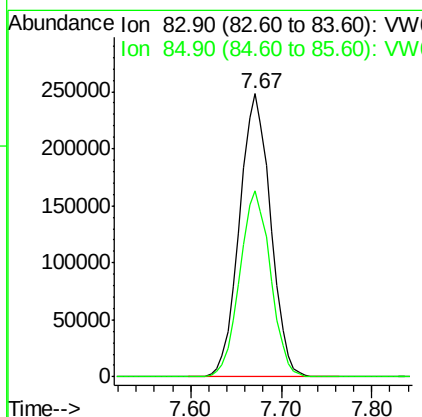
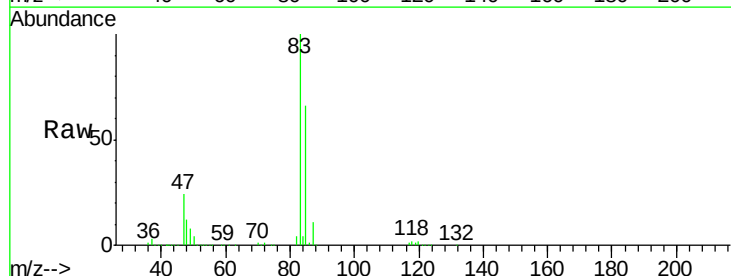
Manual Integrations
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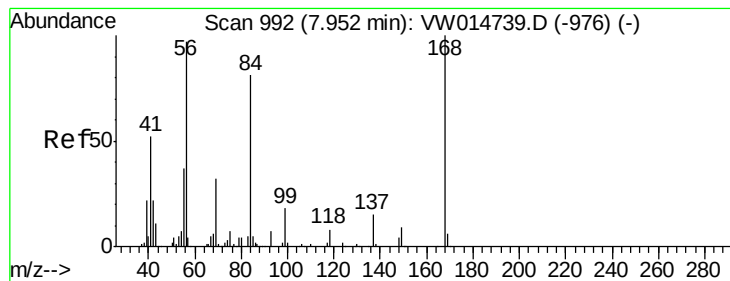
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#30
Chloroform
Concen: 52.171 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.1	75.1





#31

Cyclohexane

Concen: 50.800 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

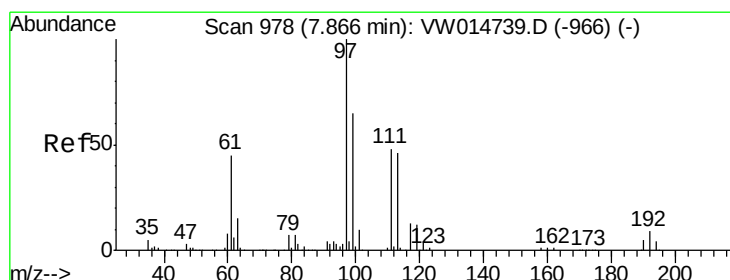
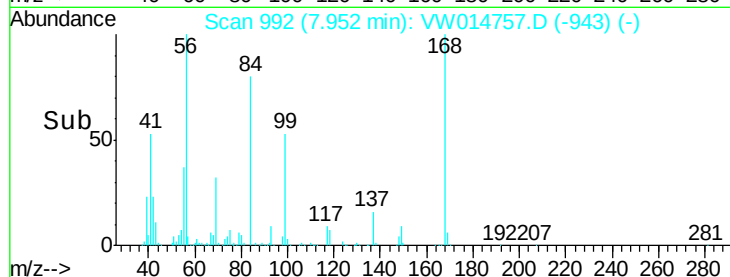
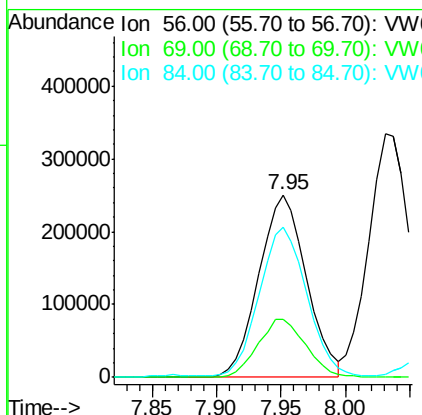
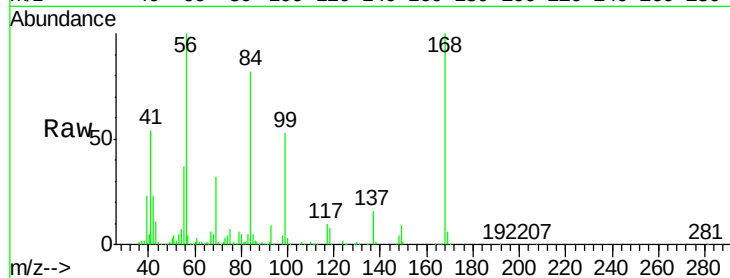
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	642466
Ion Ratio	Lower	Upper	
56	100		
69	31.7	26.0	39.0
84	81.4	66.6	99.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.788 ug/l

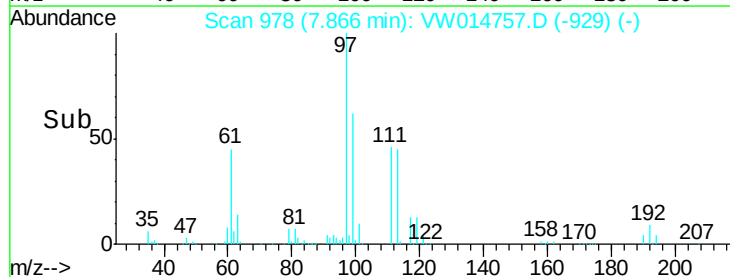
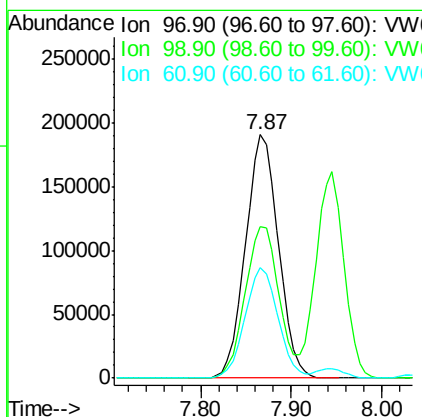
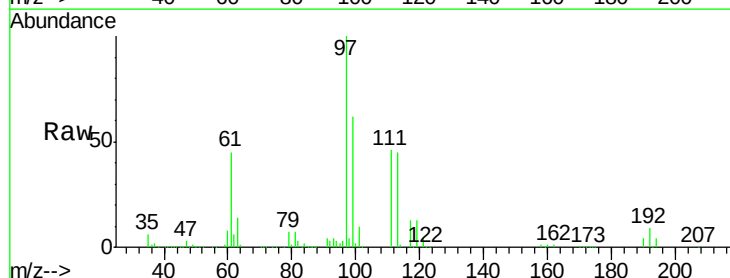
RT: 7.87 min Scan# 978

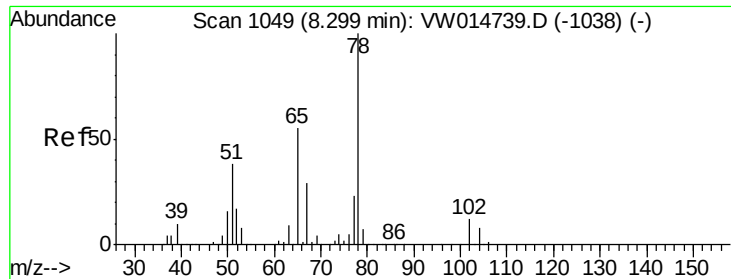
Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Tgt Ion:	97	Resp:	478568
Ion Ratio	Lower	Upper	
97	100		
99	65.0	52.2	78.4
61	45.4	36.2	54.4





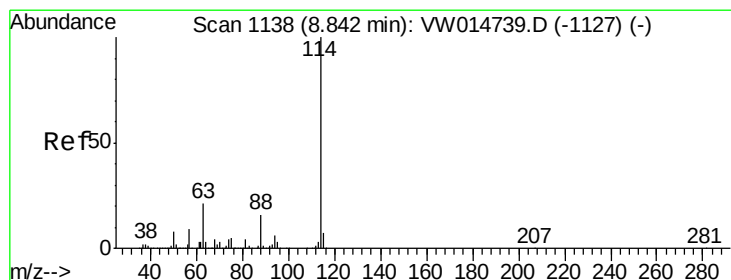
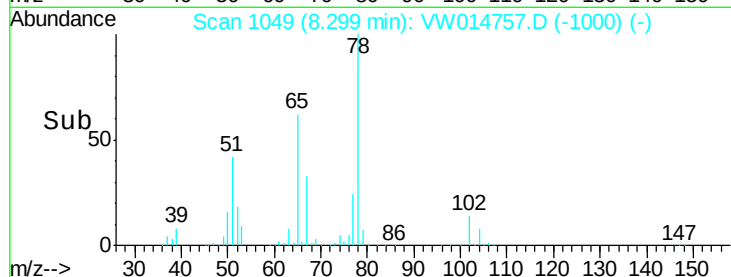
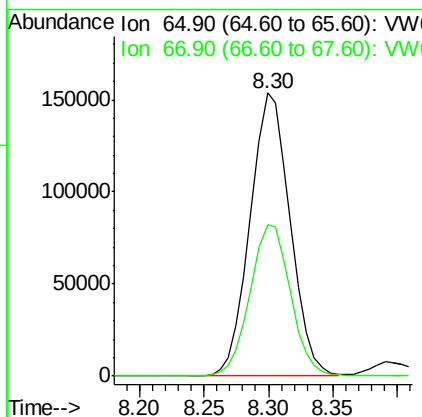
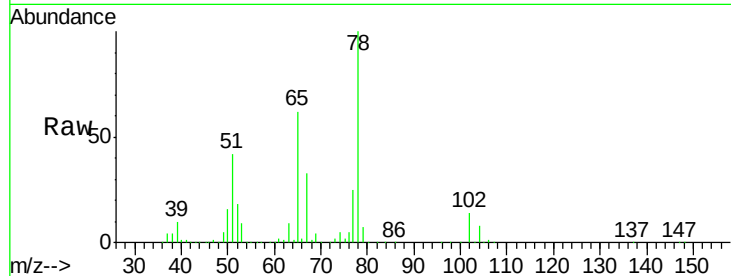
#33
 1,2-Dichloroethane-d4
 Concen: 54.413 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VW014757.D
 Acq: 24 Jan 2020 20:53

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.1	0.0	106.0	

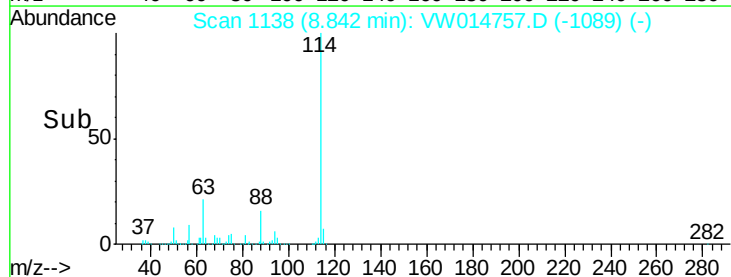
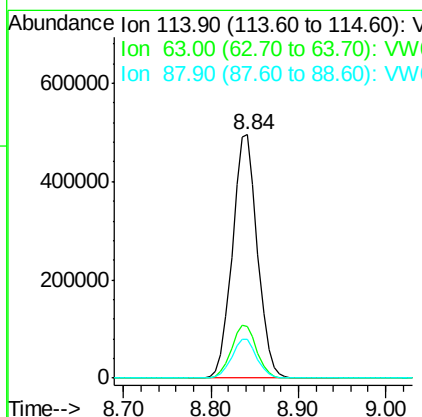
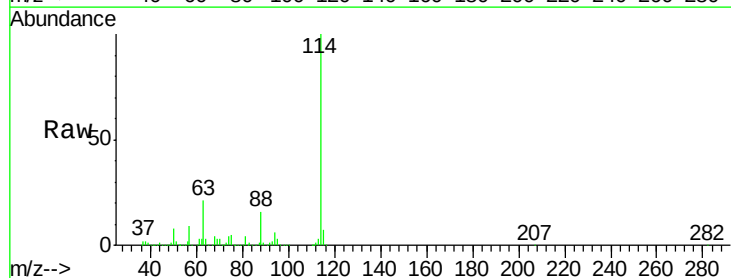
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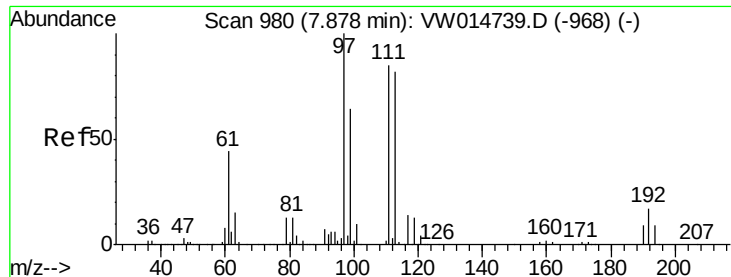
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014757.D
 Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.3	0.0	41.2	
88	15.9	0.0	32.2	





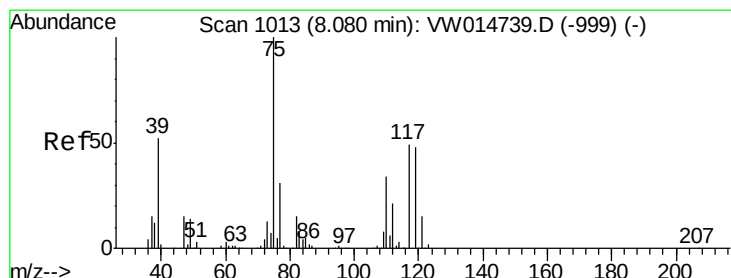
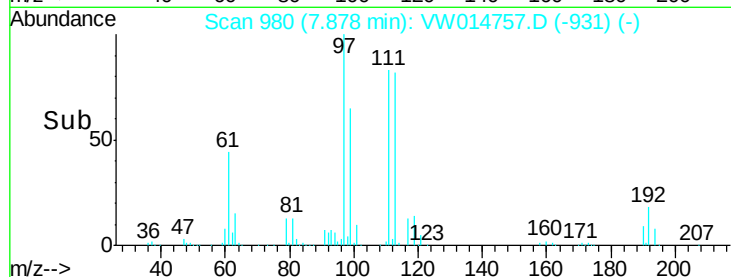
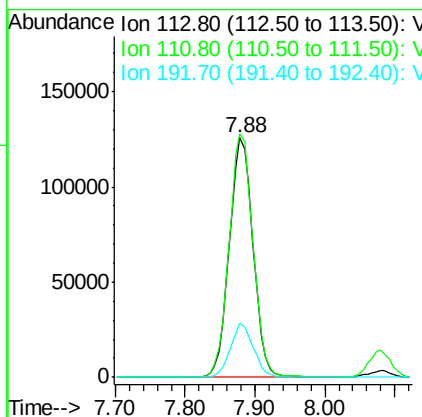
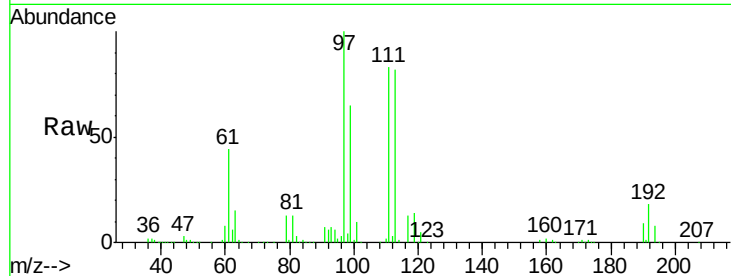
#35
Dibromofluoromethane
Concen: 51.654 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	296443		
111	102.5	82.2	123.2	
192	21.6	17.0	25.6	

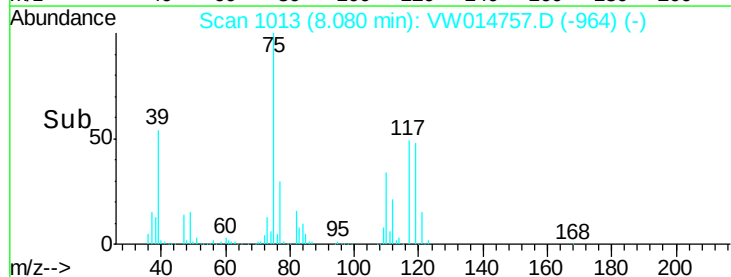
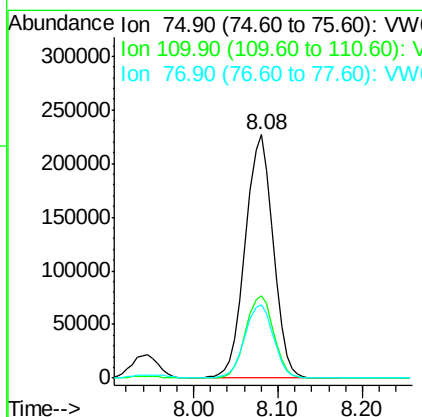
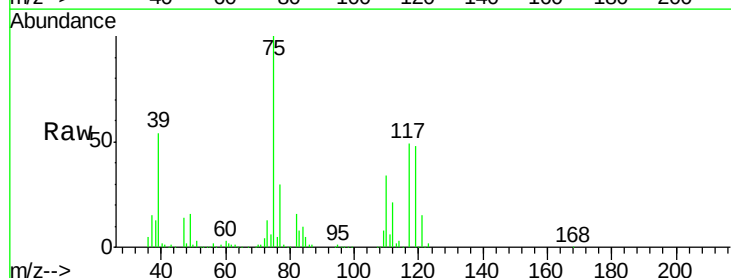
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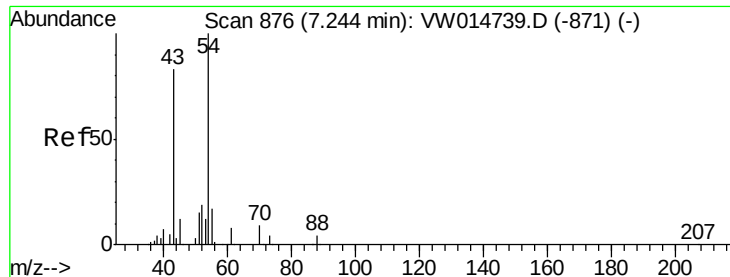
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#36
1,1-Dichloropropene
Concen: 50.653 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	506410		
110	34.1	17.1	51.2	
77	31.1	24.8	37.2	





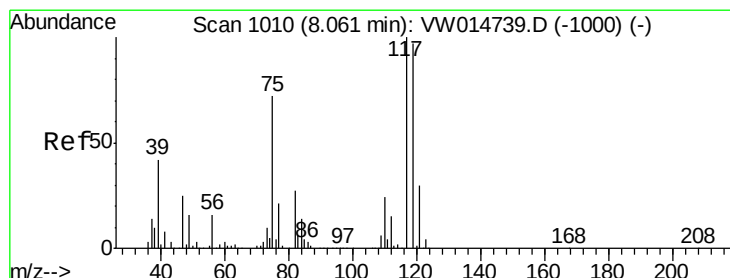
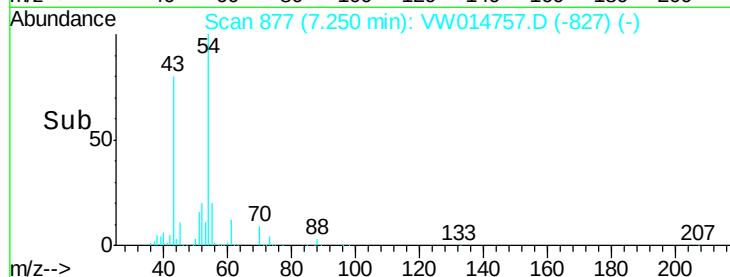
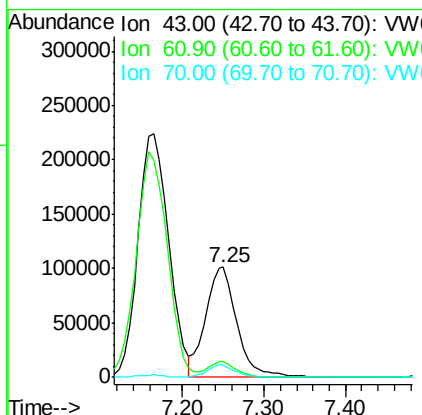
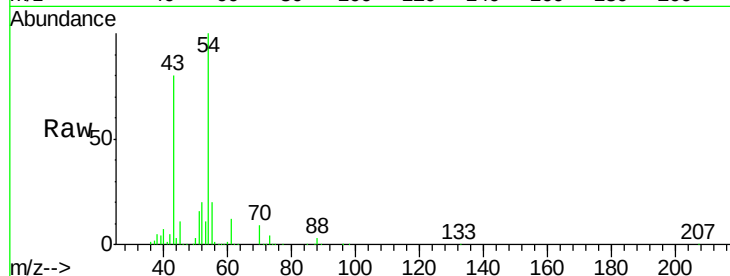
#37
Ethyl Acetate
Concen: 60.746 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.7	16.1
70	10.1	8.5	12.7

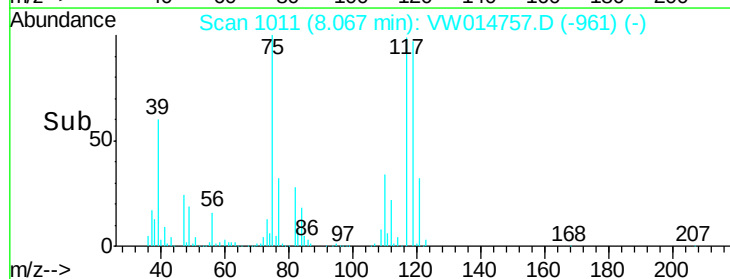
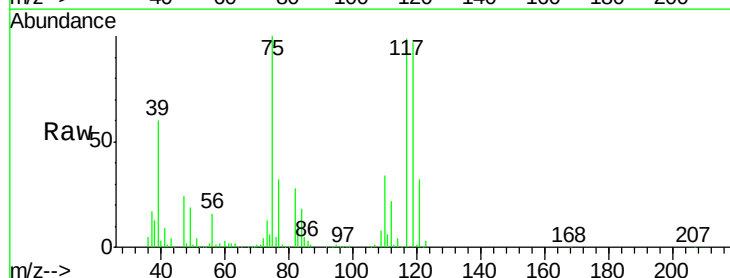
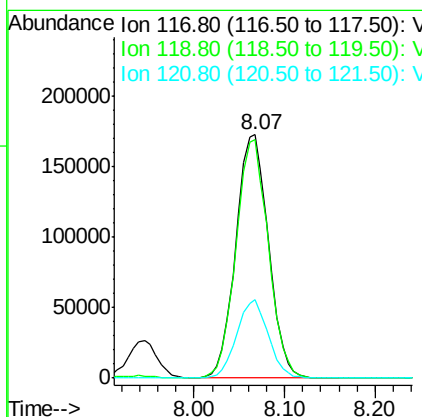
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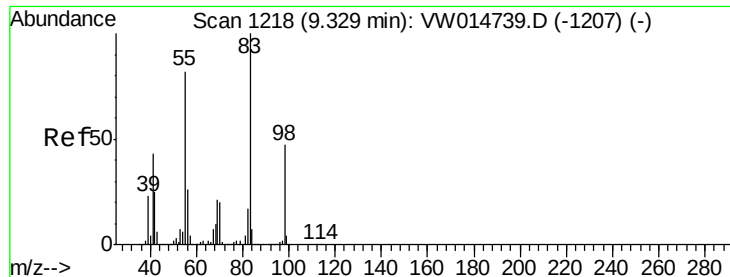
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#38
Carbon Tetrachloride
Concen: 49.575 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.5	116.3
121	32.0	24.3	36.5





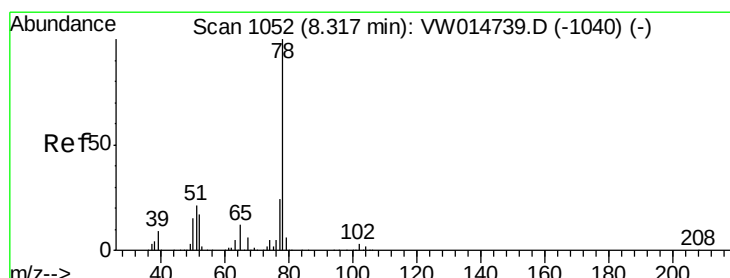
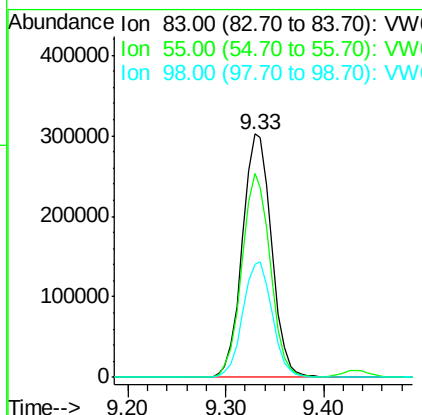
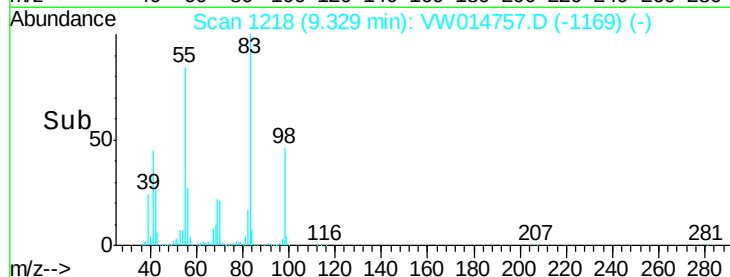
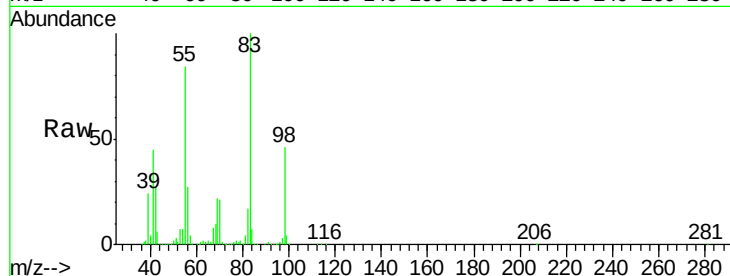
#39
Methylvlcyclohexane
Concen: 51.991 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.8	65.2	97.8
98	46.4	37.6	56.4

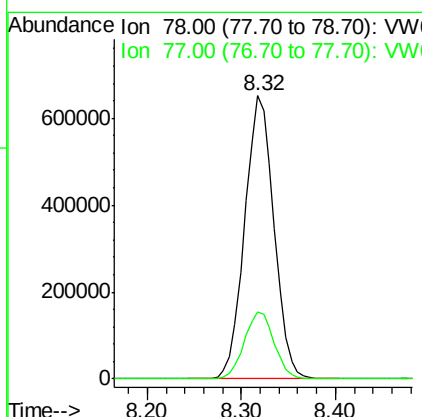
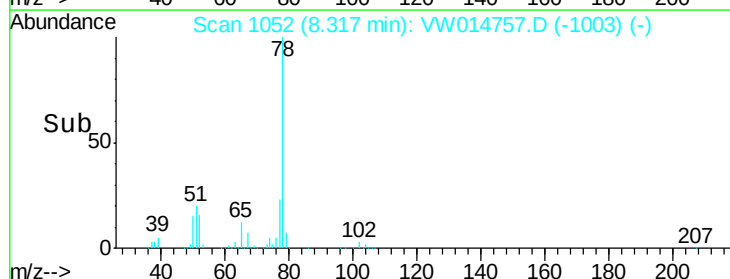
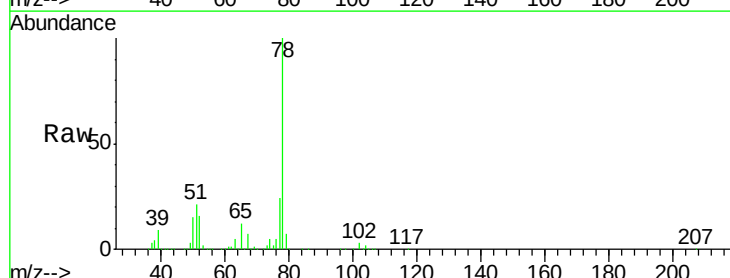
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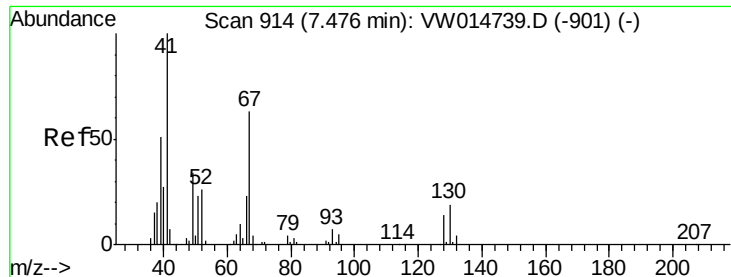
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#40
Benzene
Concen: 50.886 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





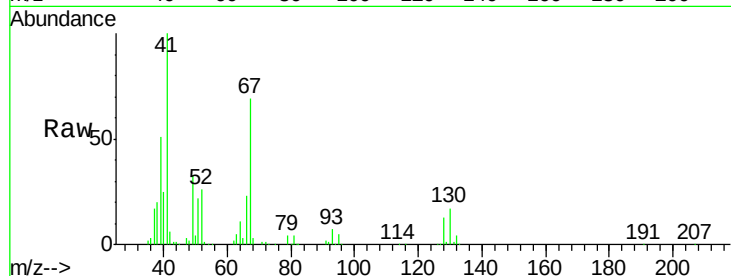
#41
Methacrylonitrile
Concen: 60.012 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

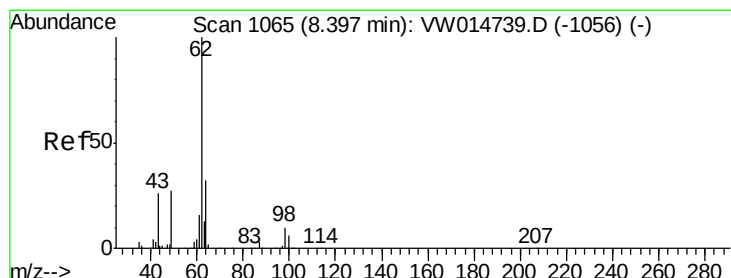
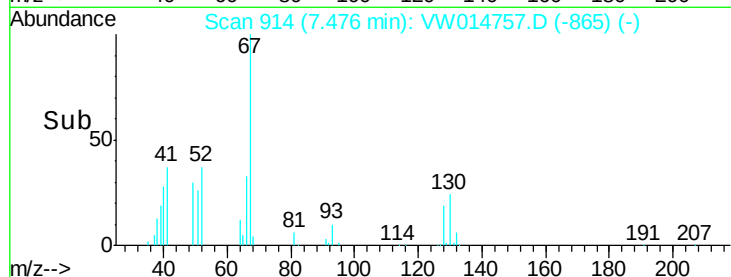
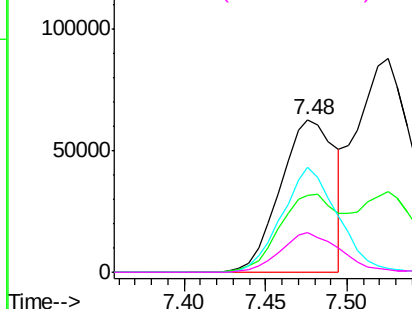
Tot Ion	41	Resp	145918
Ion	Ratio	Lower	Upper
41	100		
39	51.2	45.3	67.9
67	70.7	57.0	85.4
52	29.0	23.0	34.6

Manual Integrations
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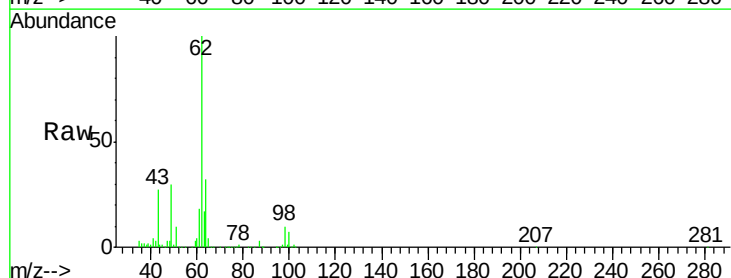


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

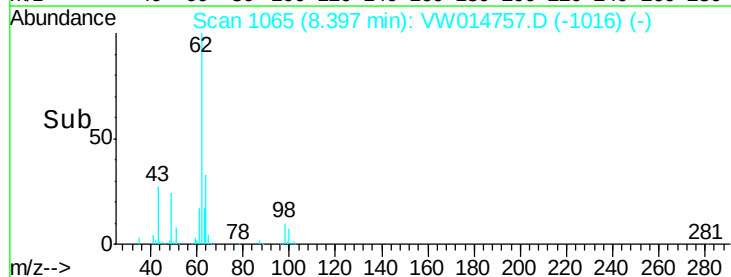
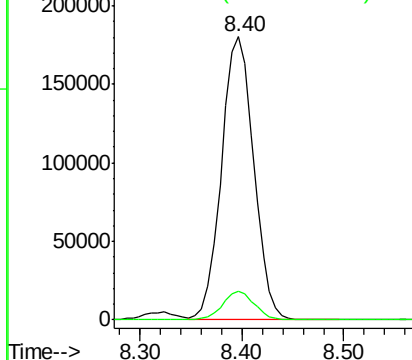


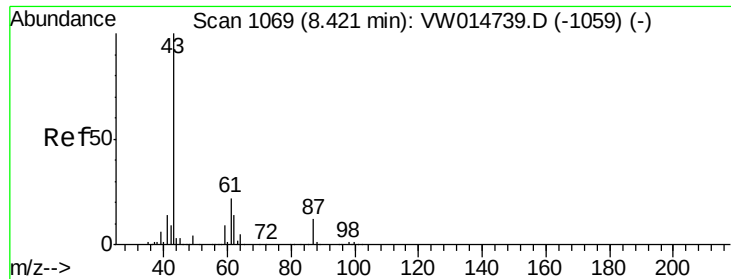
#42
1,2-Dichloroethane
Concen: 52.531 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion	62	Resp	394109
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.6



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





#43

Isopropyl Acetate

Concen: 58.148 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

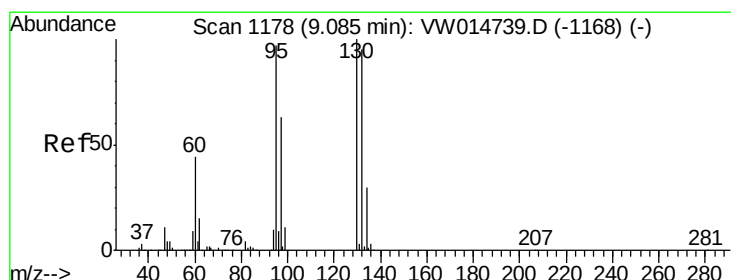
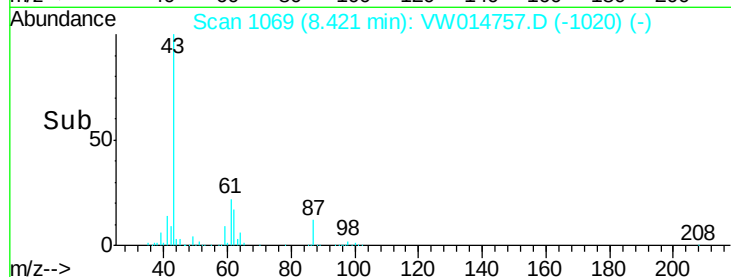
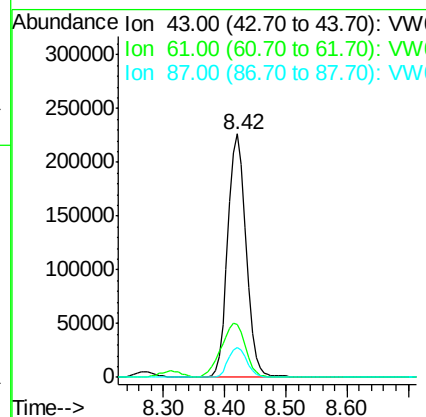
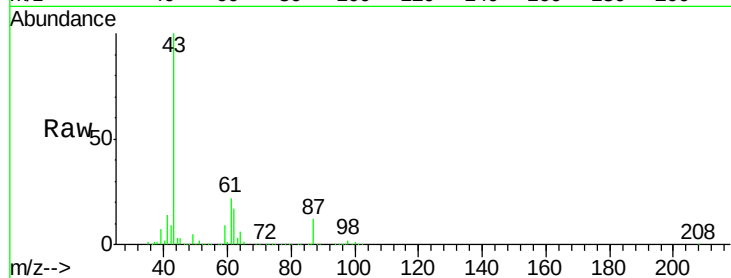
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	467780
Ion	Ratio	Lower	Upper
43	100		
61	29.6	24.4	36.6
87	12.5	9.8	14.6

Manual Integrations
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#44

Trichloroethene

Concen: 50.731 ug/l

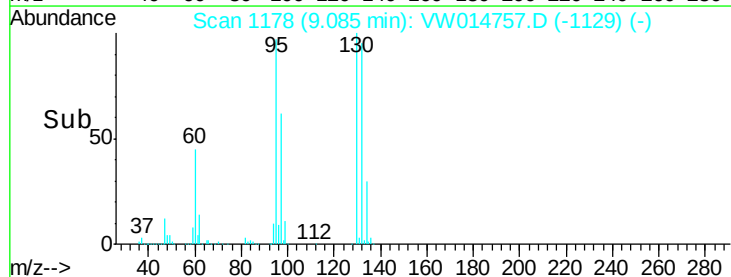
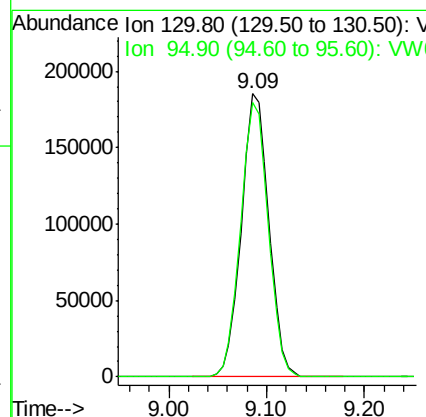
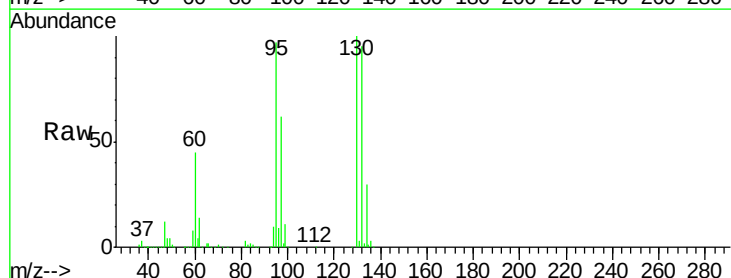
RT: 9.09 min Scan# 1178

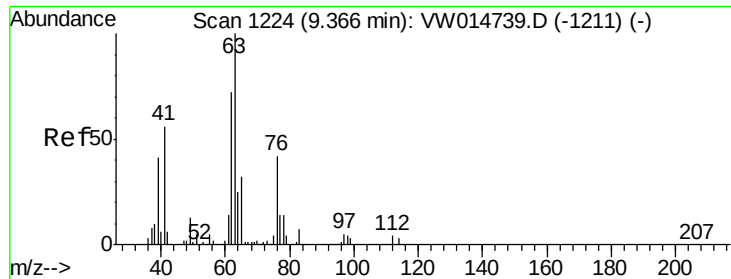
Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Tgt Ion:	130	Resp:	361427
Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	193.2





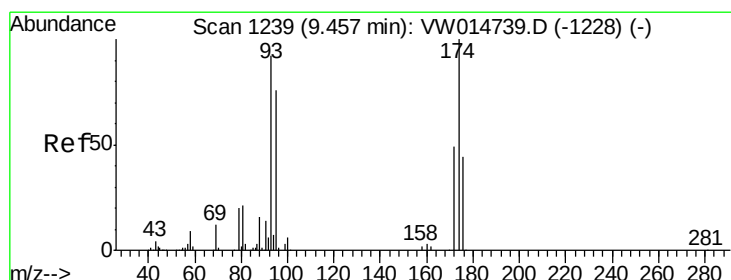
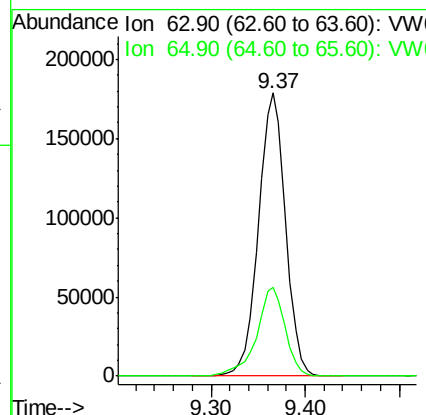
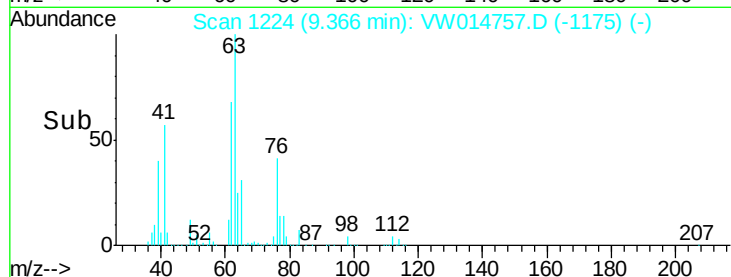
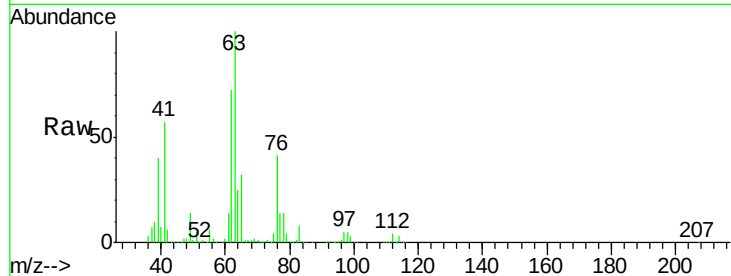
#45
 1,2-Dichloropropane
 Concen: 52.069 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW014757.D
 Acq: 24 Jan 2020 20:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.3	37.9

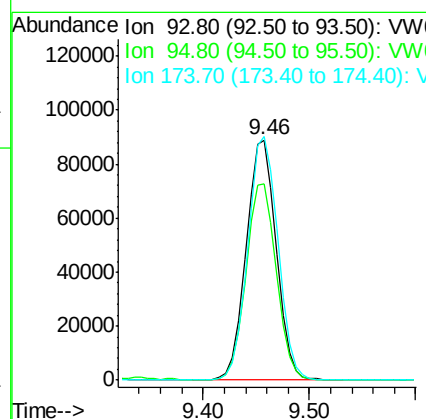
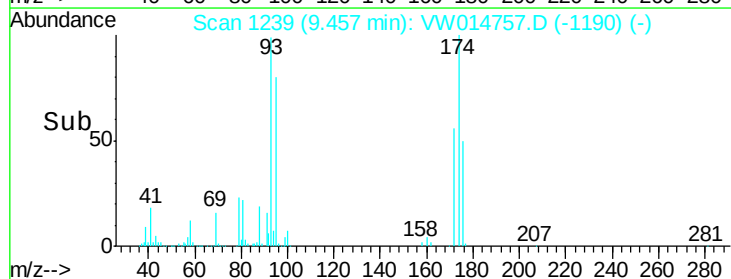
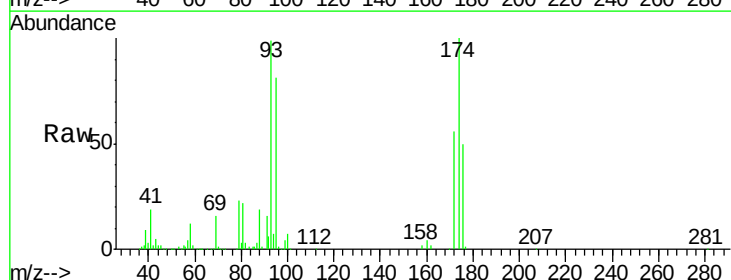
Manual Integrations
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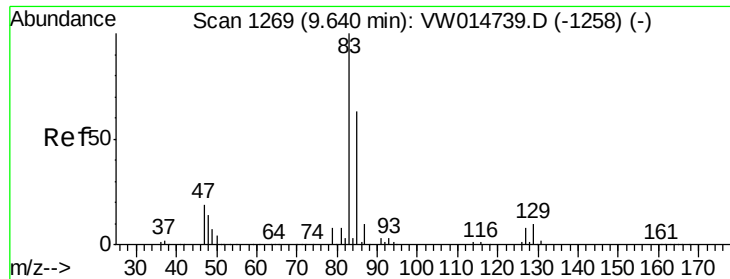
MMDadoda
 1/27/2020 12:06:38 PM



#46
 Dibromomethane
 Concen: 53.621 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW014757.D
 Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.4	98.2
174	102.1	84.2	126.2





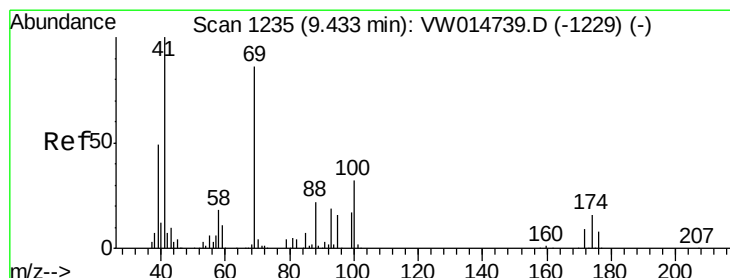
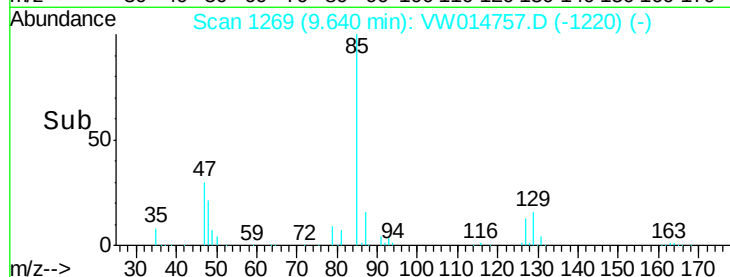
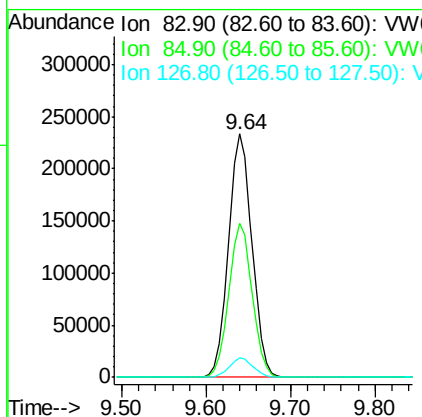
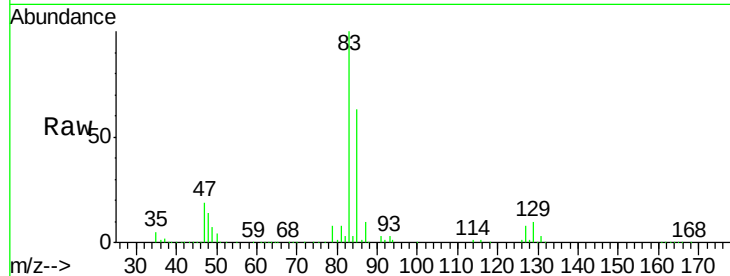
#47
 Bromodichloromethane
 Concen: 52.553 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW014757.D
 Acq: 24 Jan 2020 20:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	441431		
85	63.4	50.1	75.1	
127	8.1	6.5	9.7	

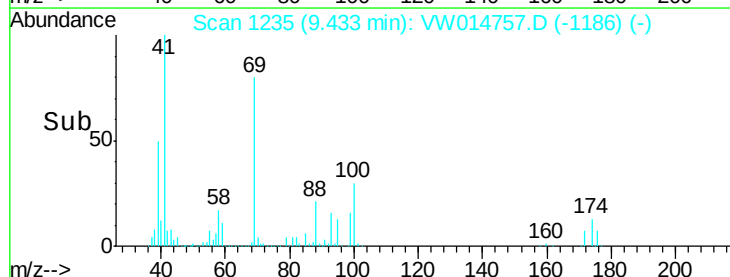
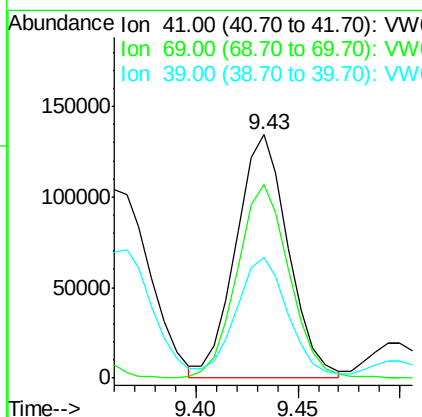
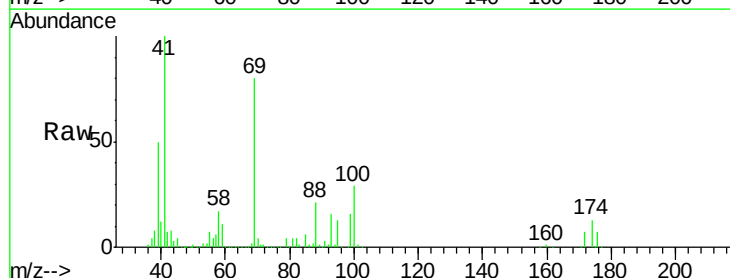
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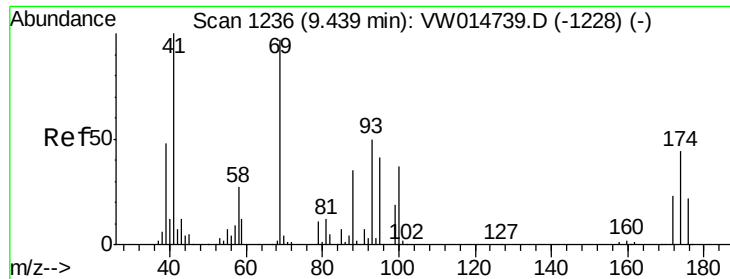
MMDadoda
 1/27/2020 12:06:38 PM



#48
 Methyl methacrylate
 Concen: 62.950 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW014757.D
 Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	238686		
69	80.0	69.6	104.4	
39	45.4	40.2	60.4	





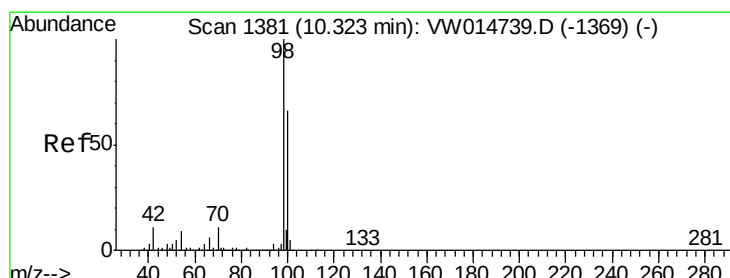
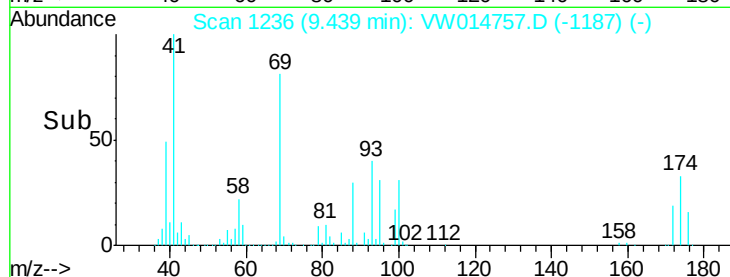
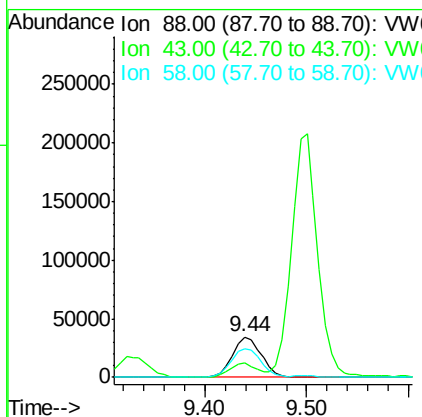
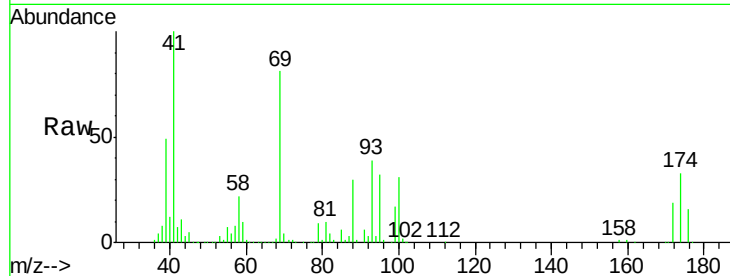
#49
1,4-Dioxane
Concen: 1144.424 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	68042
Ion	Ratio	Lower	Upper
88	100		
43	33.0	27.1	40.7
58	72.4	58.7	88.1

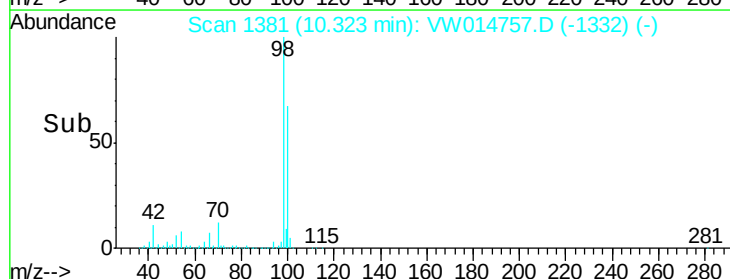
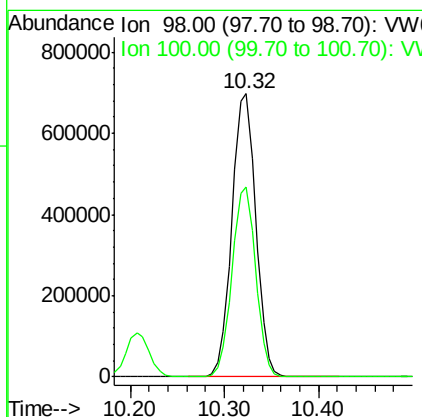
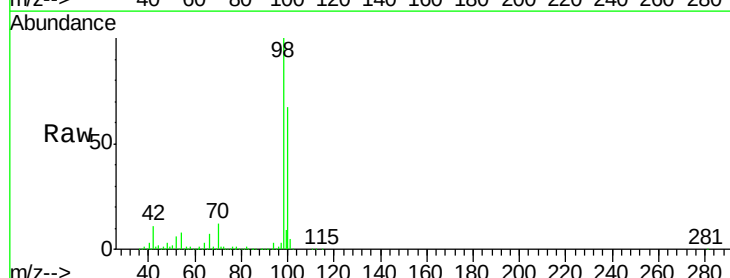
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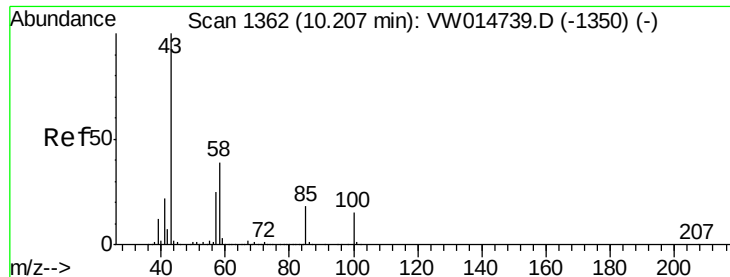
MMDadoda
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#50
Toluene-d8
Concen: 52.082 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion	98	Resp	1232480
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.6	79.0





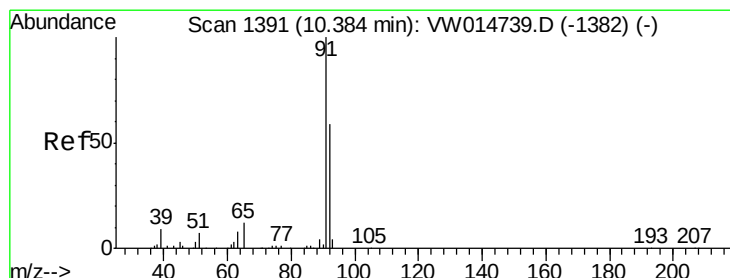
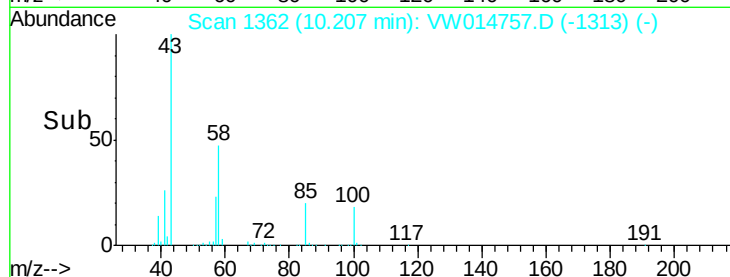
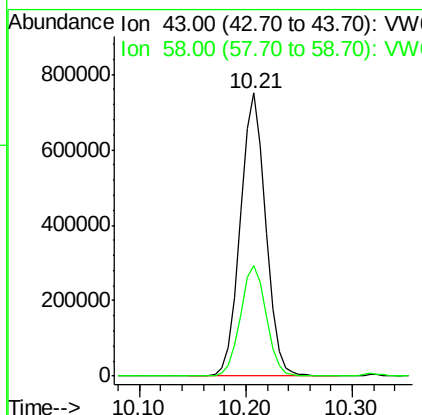
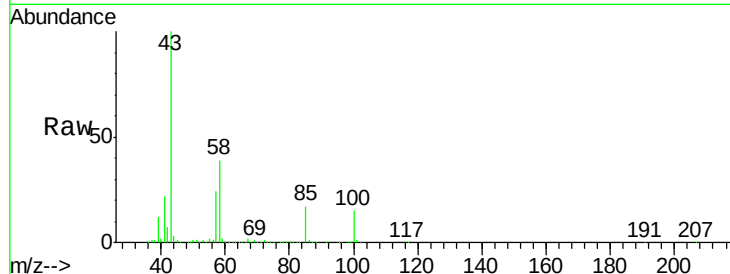
#51
4-Methyl-2-Pentanone
Concen: 300.744 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1259728
Ion Ratio Lower Upper
43 100
58 39.8 31.4 47.0

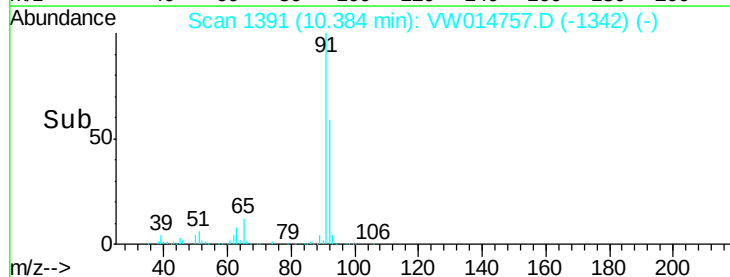
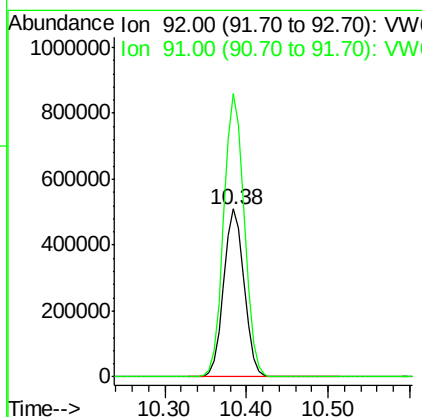
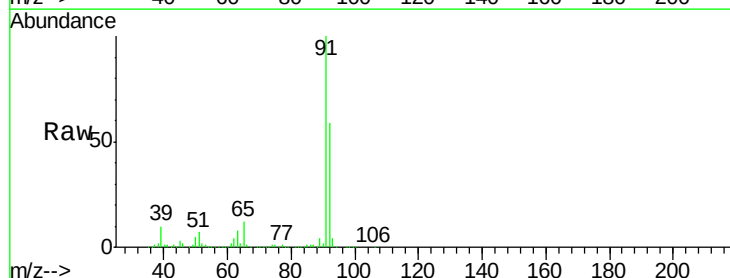
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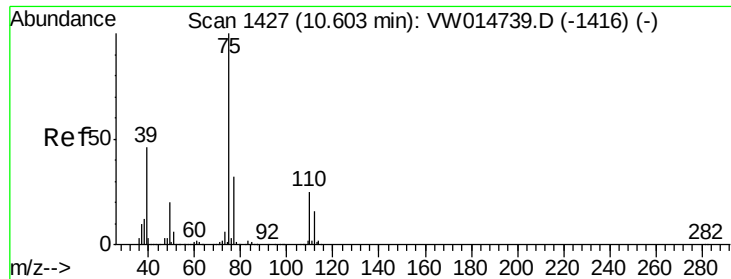
MMDadoda
1/27/2020 12:06:38 PM



#52
Toluene
Concen: 51.428 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion: 92 Resp: 876592
Ion Ratio Lower Upper
92 100
91 170.3 135.8 203.8





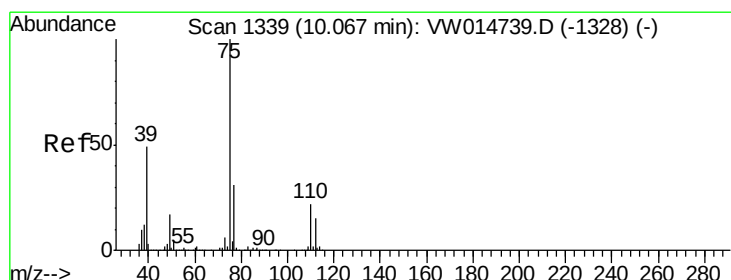
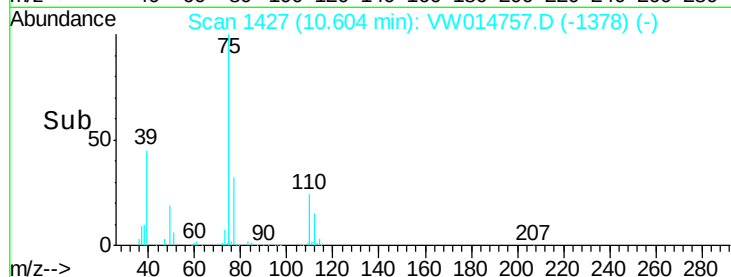
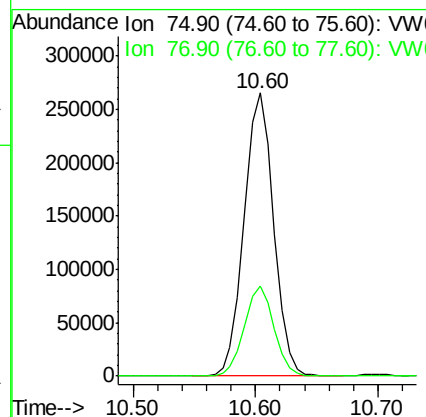
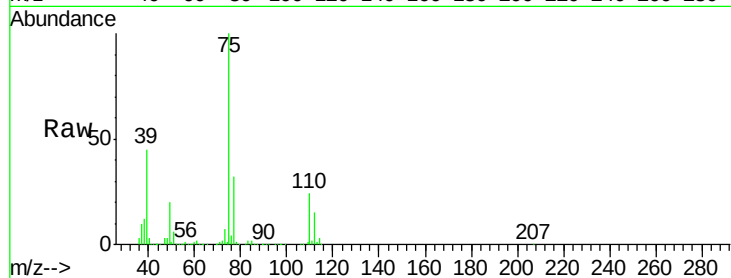
#53
t-1,3-Dichloropropene
Concen: 53.228 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.7	38.5

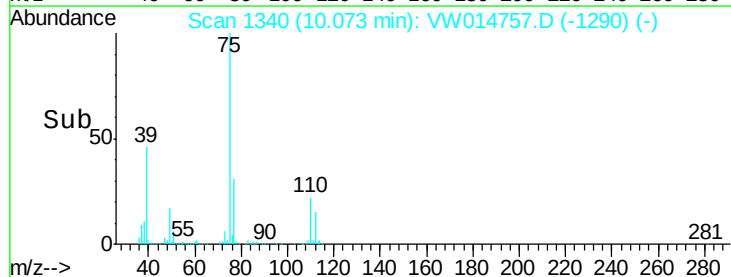
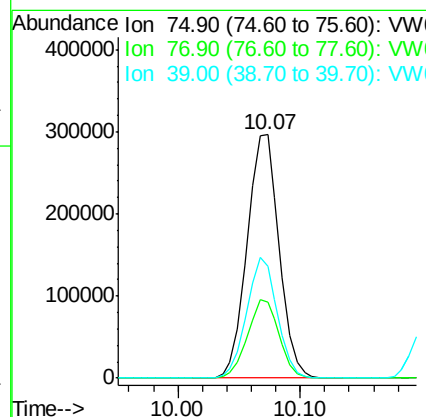
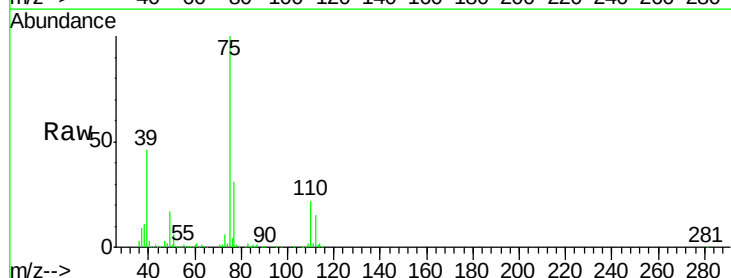
Manual Integrations
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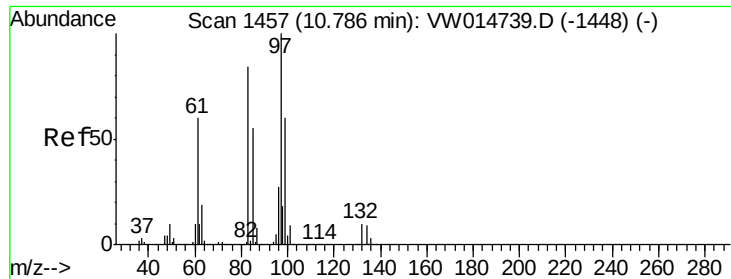
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.656 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.01 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.4
39	45.9	39.0	58.6





#55

1,1,2-Trichloroethane

Concen: 53.793 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

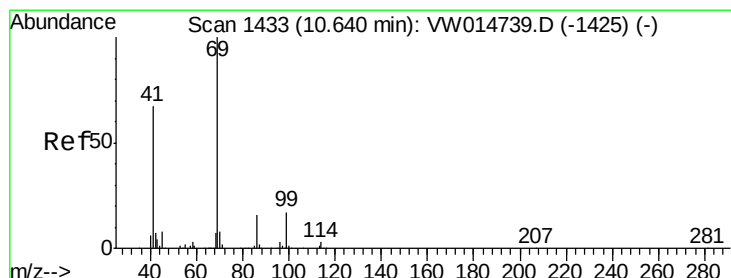
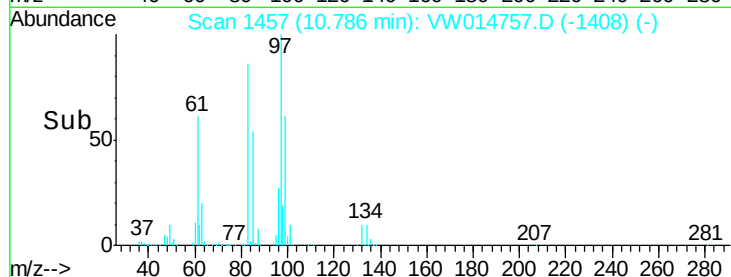
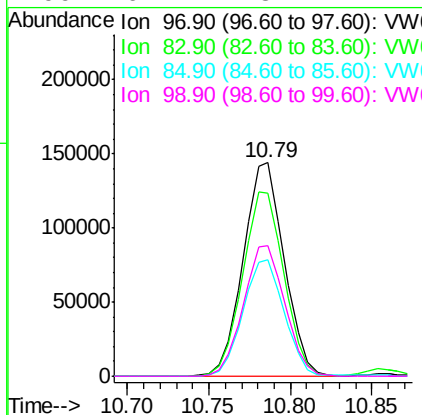
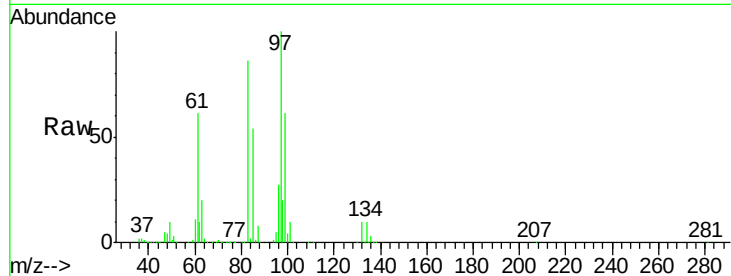
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	252733
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.1	100.7
85	54.2	44.2	66.2
99	61.2	48.2	72.4

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#56

Ethyl methacrylate

Concen: 58.825 ug/l

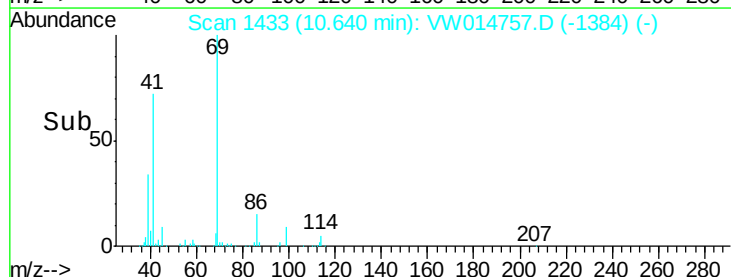
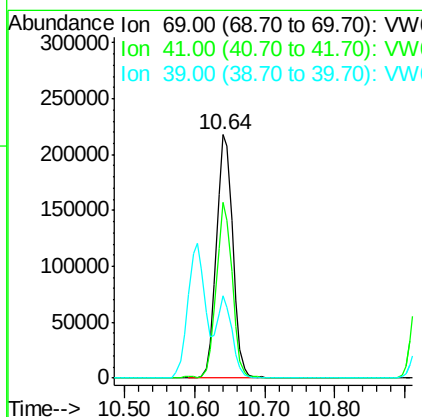
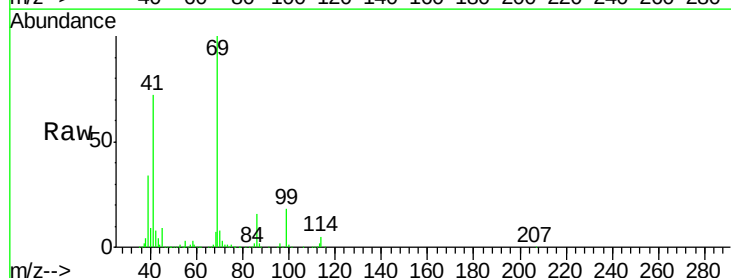
RT: 10.64 min Scan# 1433

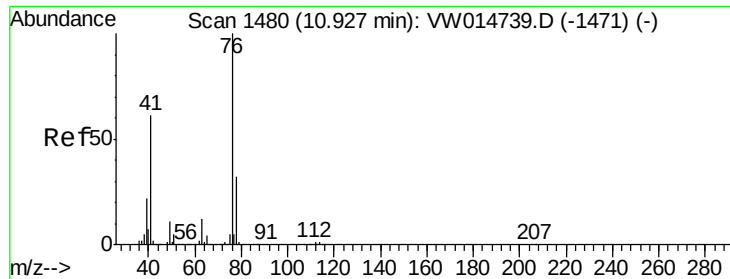
Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Tgt Ion:	69	Resp:	356186
Ion	Ratio	Lower	Upper
69	100		
41	70.3	54.4	81.6
39	31.9	22.4	33.6





#57

1,3-Dichloropropane

Concen: 54.234 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 456832

Ion Ratio Lower Upper

76 100

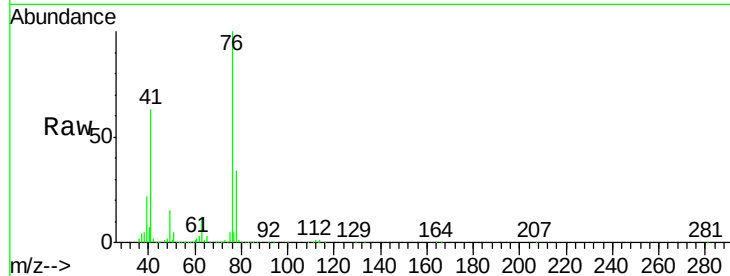
78 32.7 25.7 38.5

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.93

250000

200000

150000

100000

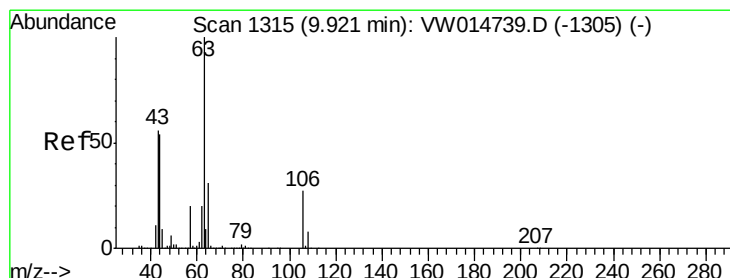
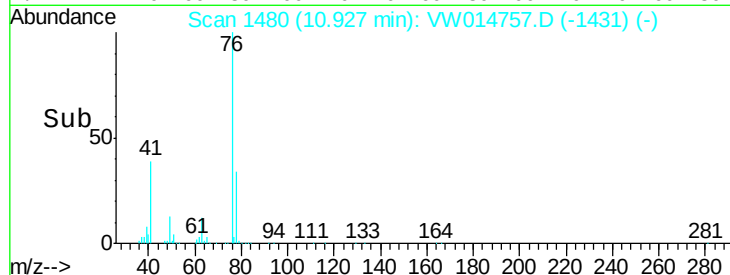
50000

0

Time--> 10.80

10.90

11.00



#58

2-Chloroethyl Vinyl ether

Concen: 299.240 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW014757.D

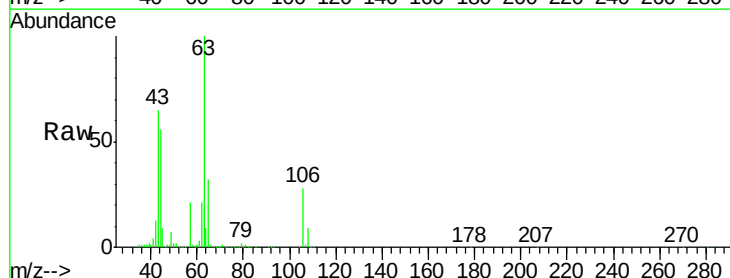
Acq: 24 Jan 2020 20:53

Tgt Ion: 63 Resp: 582556

Ion Ratio Lower Upper

63 100

106 26.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.92

400000

300000

200000

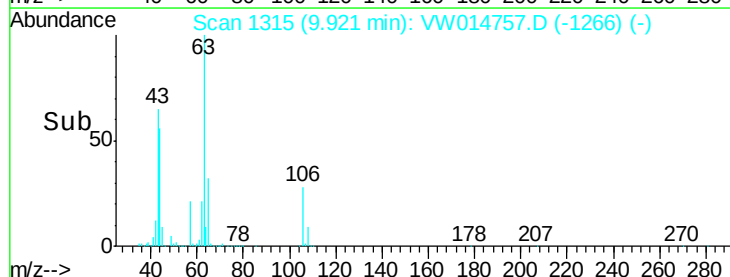
100000

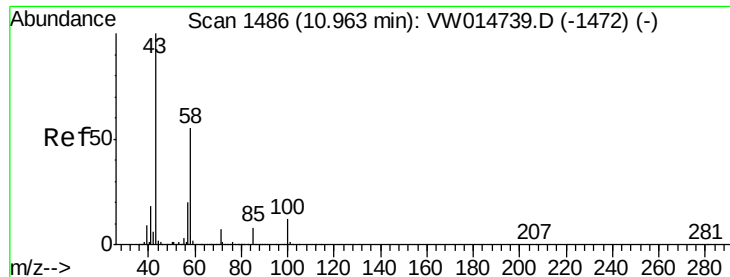
0

Time--> 9.80

9.90

10.00





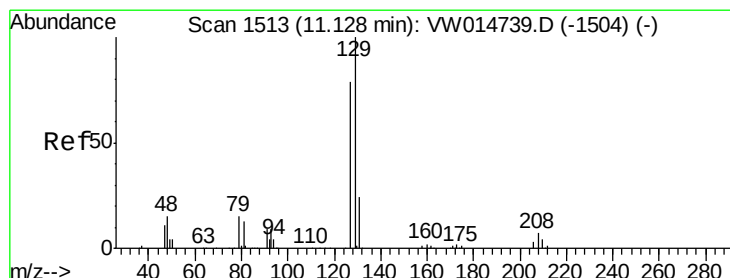
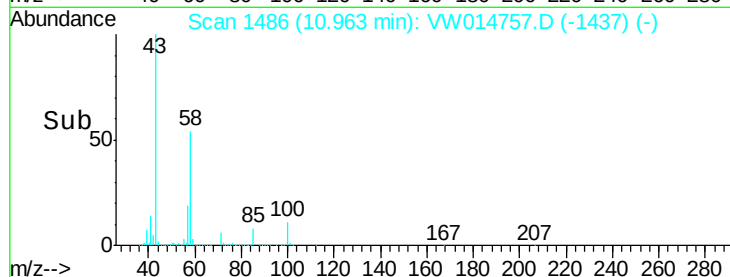
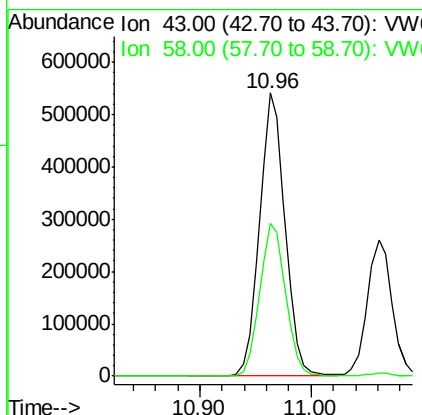
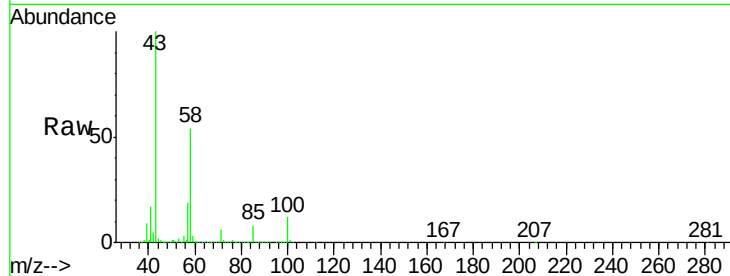
#59
2-Hexanone
Concen: 306.864 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 866163
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8

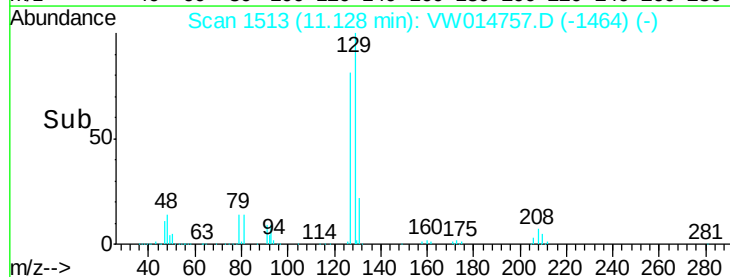
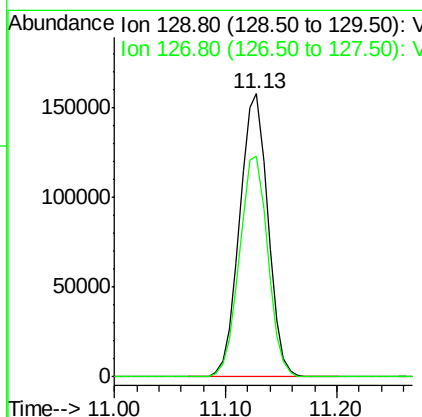
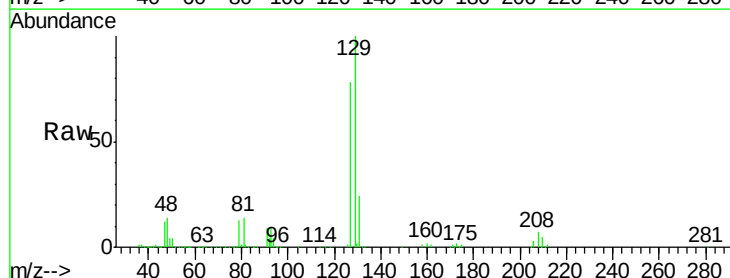
Manual Integrations
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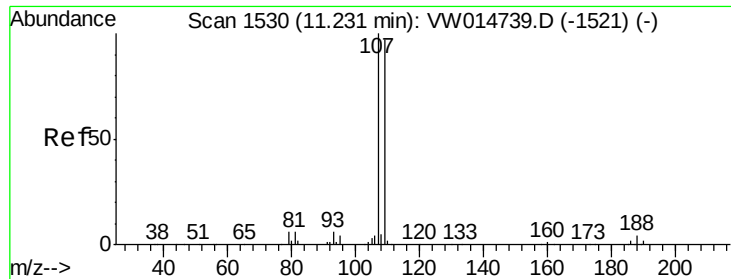
MMDadoda
1/27/2020 12:06:38 PM



#60
Dibromochloromethane
Concen: 53.160 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion: 129 Resp: 279131
Ion Ratio Lower Upper
129 100
127 78.2 39.9 119.6





#61

1,2-Dibromoethane

Concen: 53.667 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 235884

Ion Ratio Lower Upper

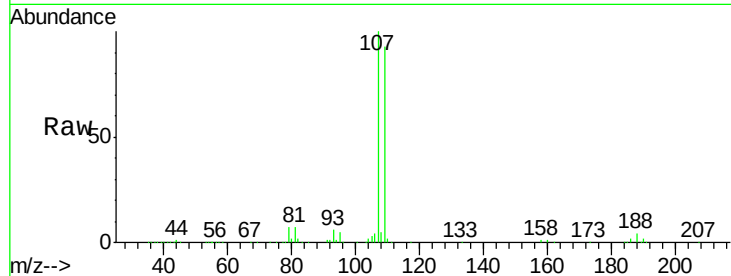
107 100

109 95.2 76.7 115.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

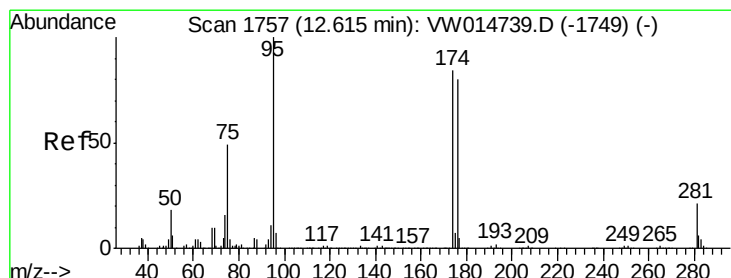
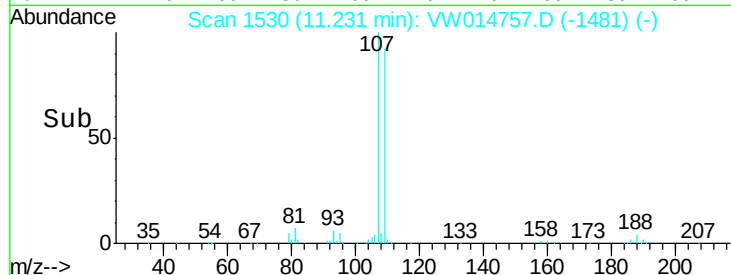
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.769 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

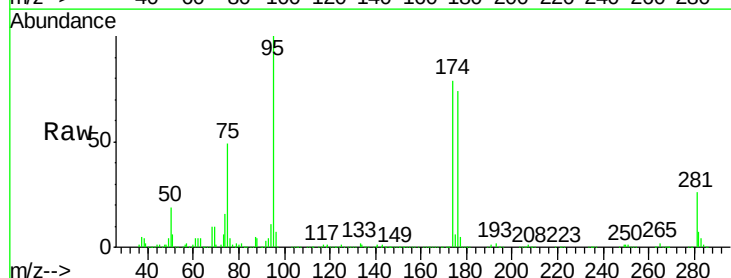
Tgt Ion: 95 Resp: 417511

Ion Ratio Lower Upper

95 100

174 80.0 0.0 163.0

176 77.9 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

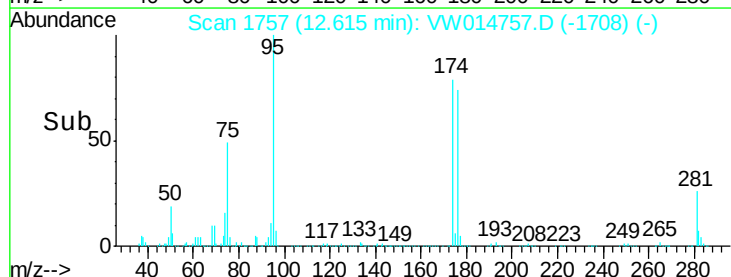
300000

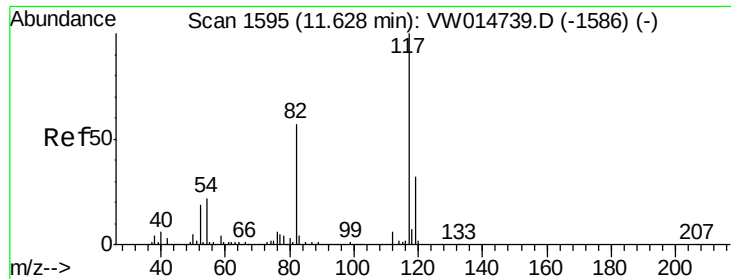
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

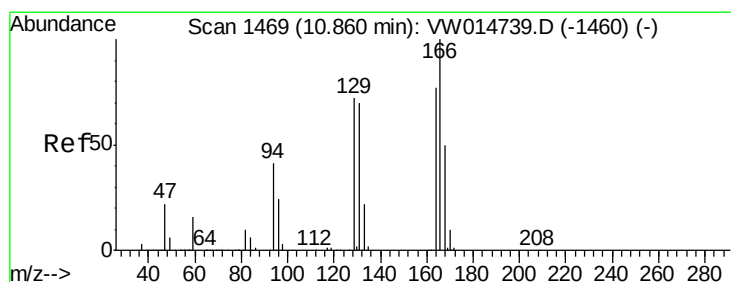
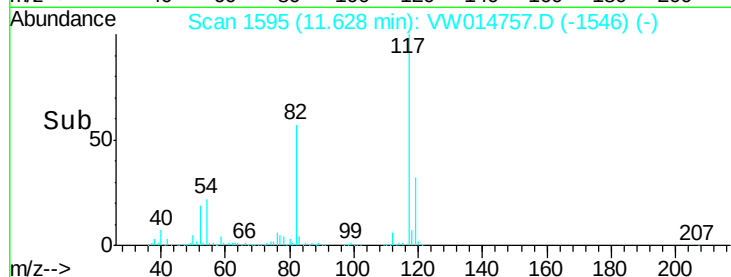
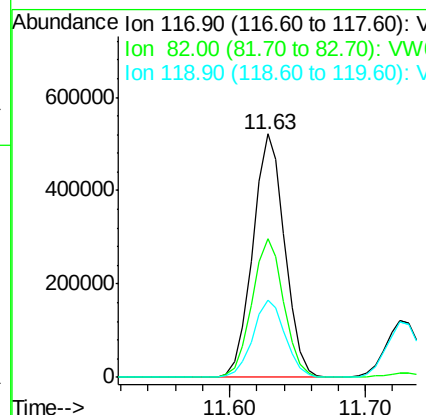
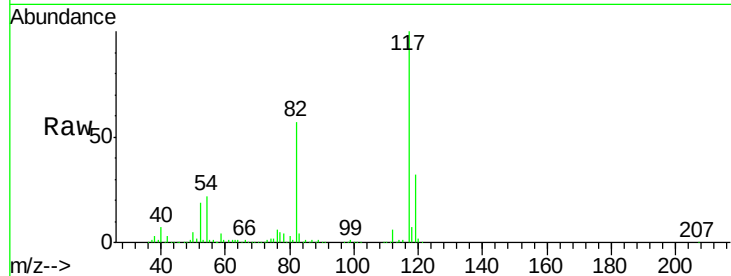
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.9	68.9
119	31.6	25.7	38.5

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#64

Tetrachloroethene

Concen: 52.092 ug/l

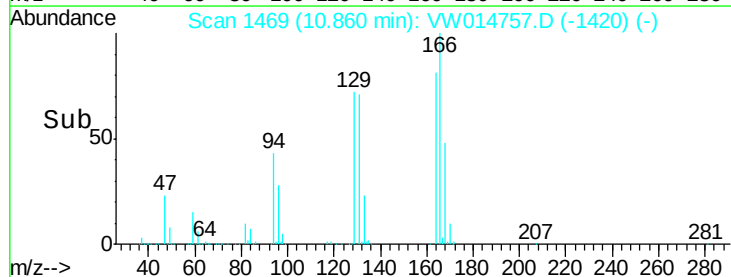
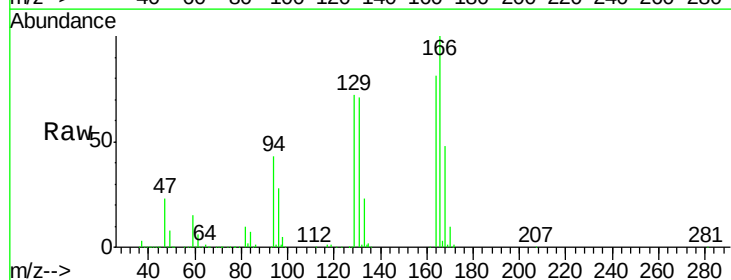
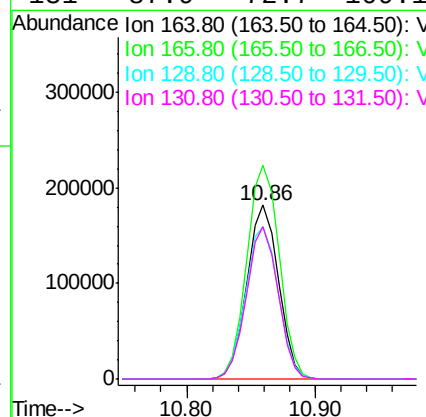
RT: 10.86 min Scan# 1469

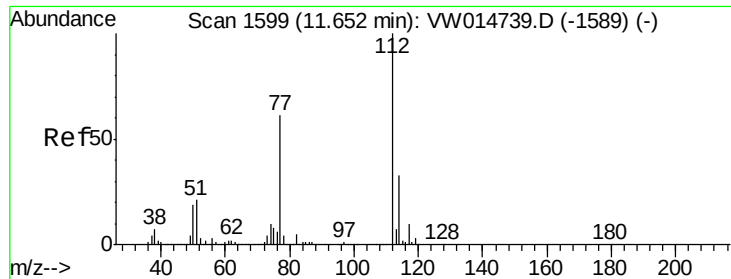
Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.9	104.0	156.0
129	88.0	75.0	112.4
131	87.9	72.7	109.1





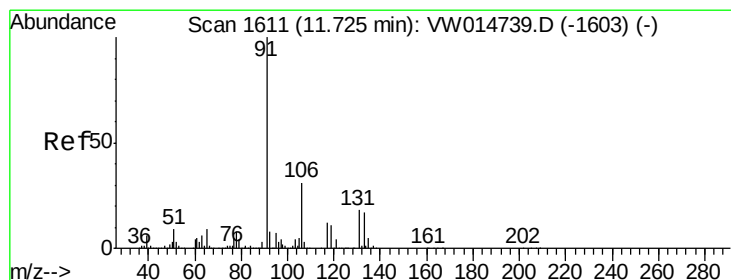
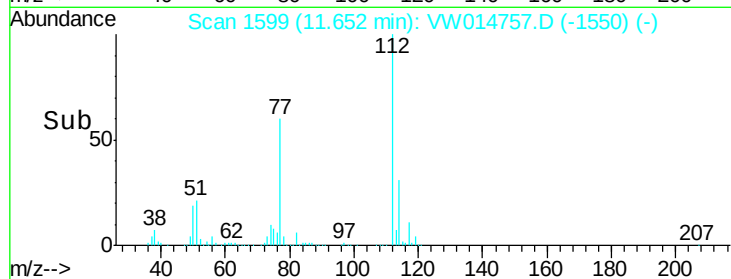
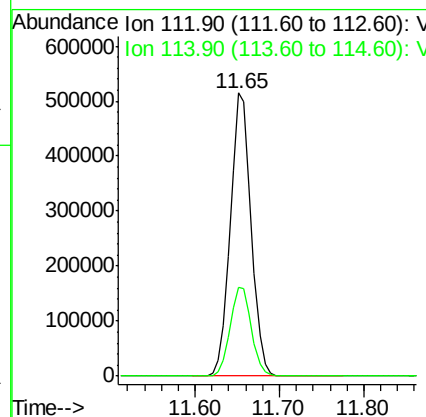
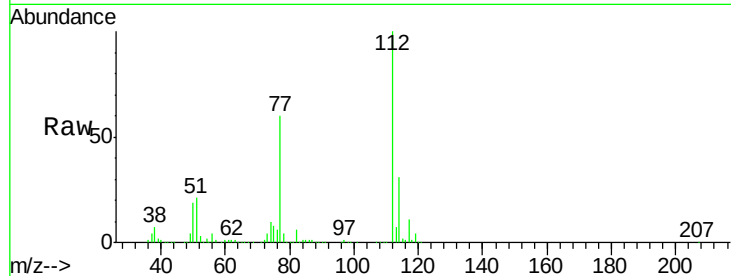
#65
Chlorobenzene
Concen: 50.102 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.0	39.0

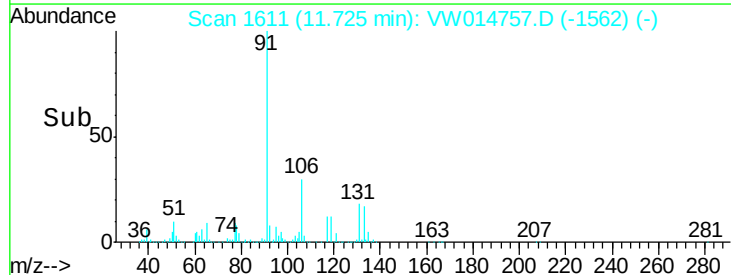
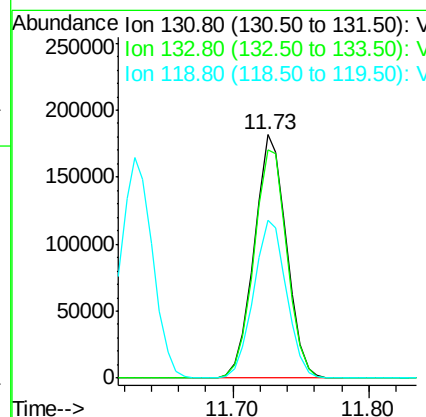
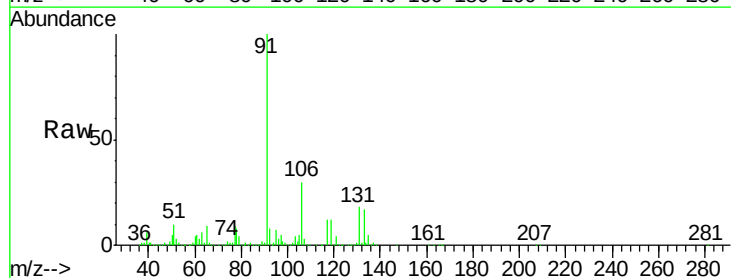
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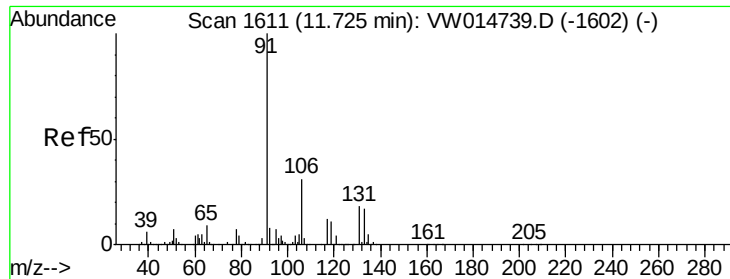
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.523 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	48.0	144.2
119	66.2	33.0	98.9





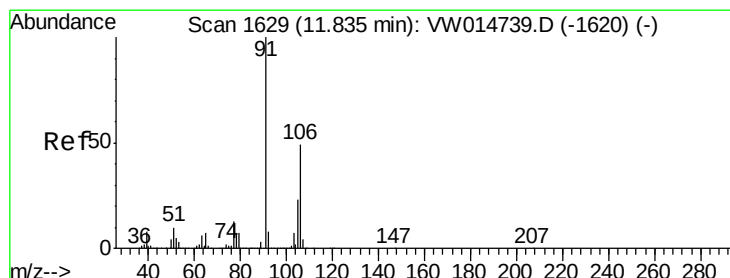
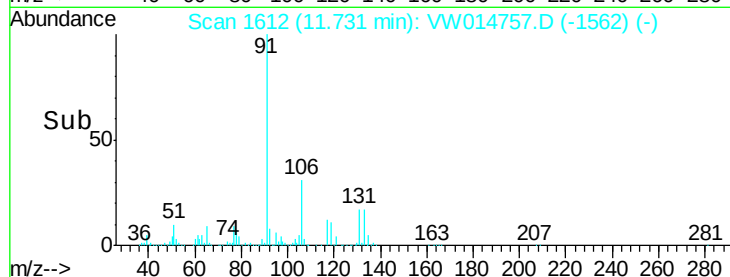
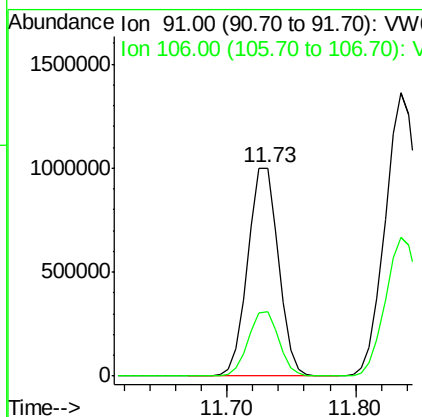
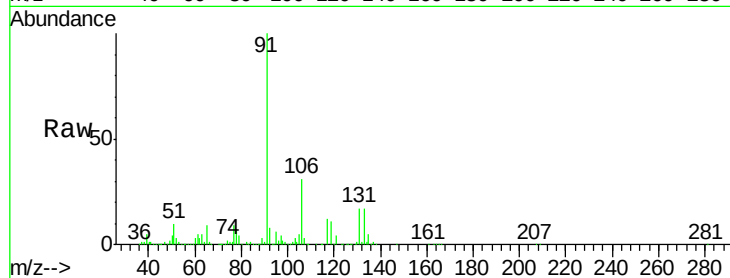
#67
Ethyl Benzene
Concen: 51.930 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1638426
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7

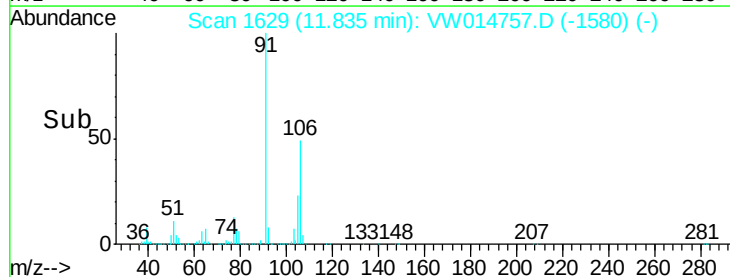
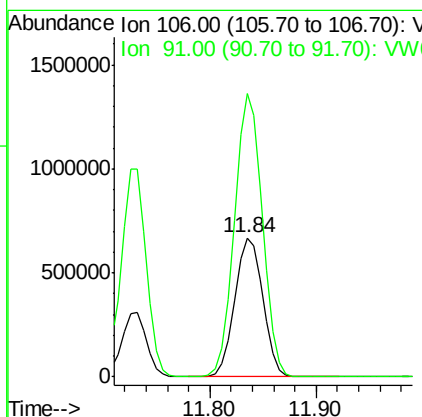
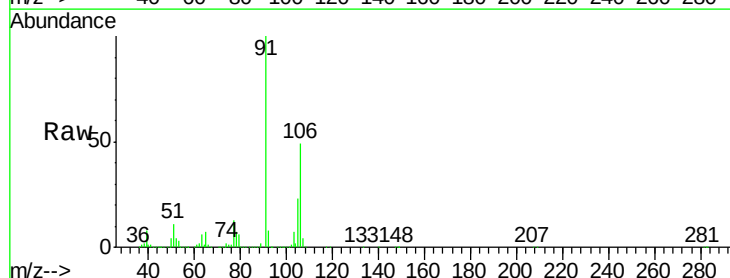
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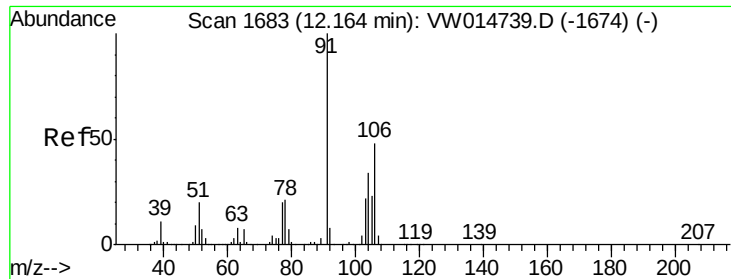
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#68
m/p-Xylenes
Concen: 104.030 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion: 106 Resp: 1240734
Ion Ratio Lower Upper
106 100
91 201.3 161.4 242.0





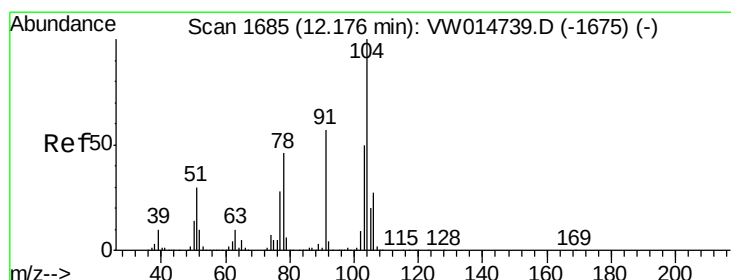
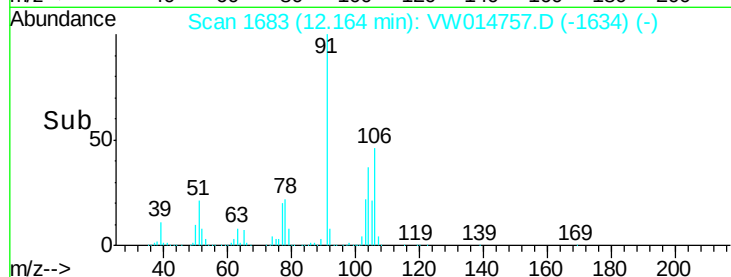
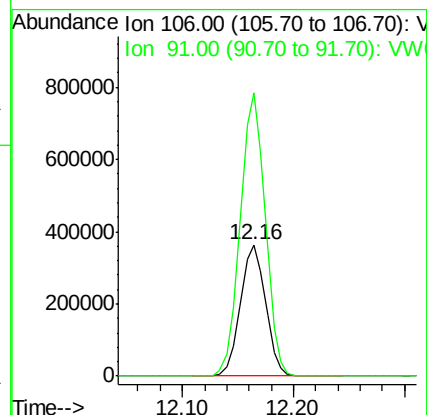
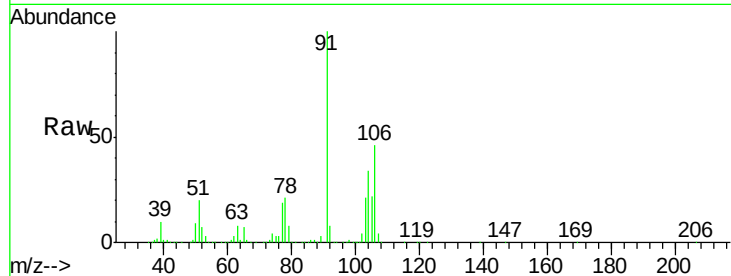
#69
o-Xylene
Concen: 52.797 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 568280
Ion Ratio Lower Upper
106 100
91 214.2 107.1 321.3

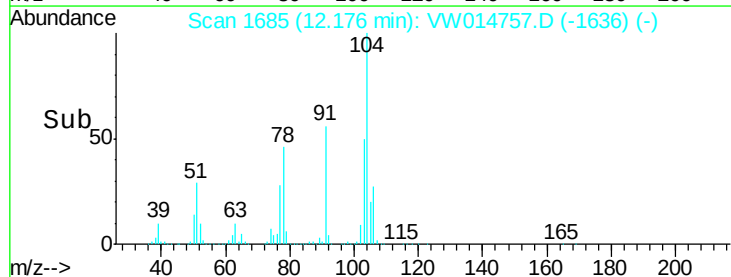
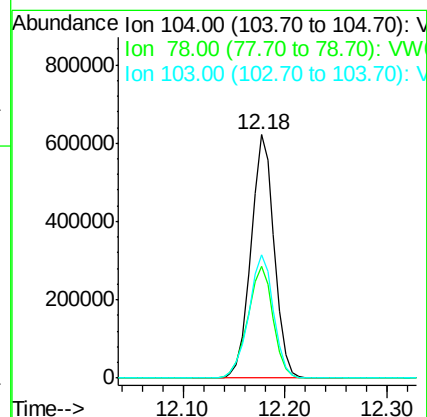
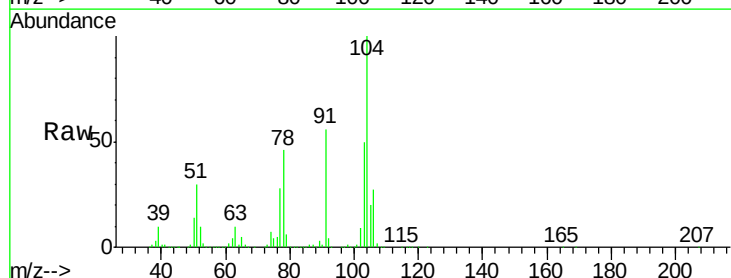
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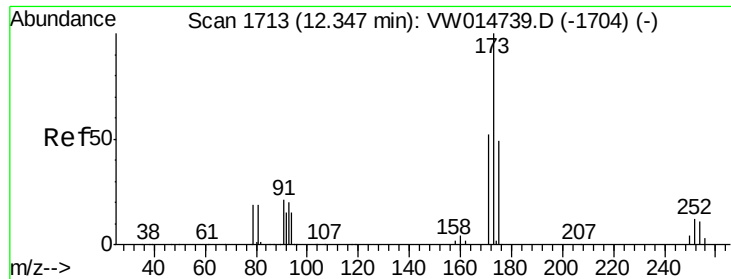
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#70
Styrene
Concen: 53.223 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion:104 Resp: 984747
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.8
103 54.2 44.0 66.0





#71

Bromoform

Concen: 54.848 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

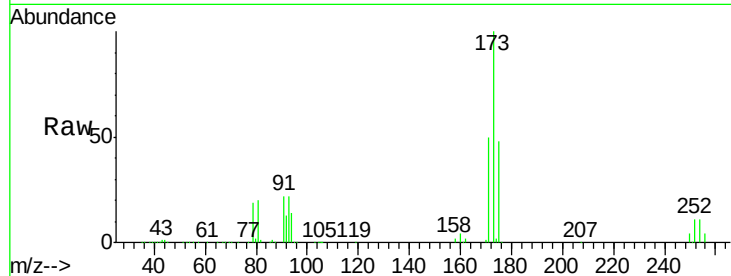
ClientSampleId :

VSTDCCC050EC

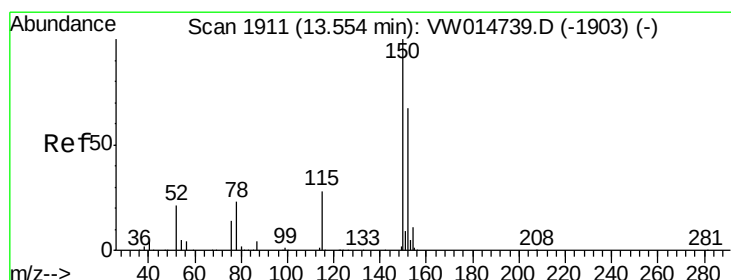
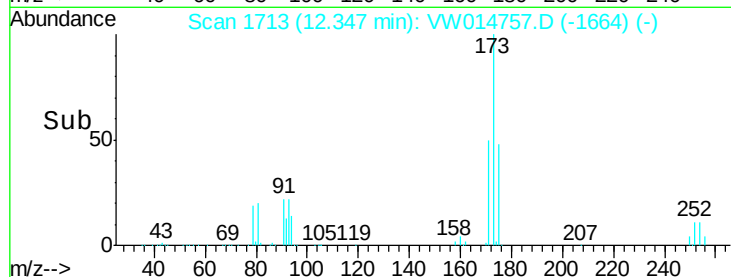
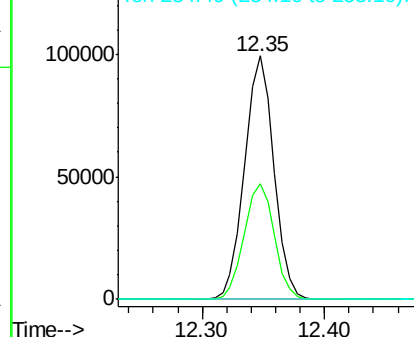
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.4	73.2
254	0.0	0.1	0.1#

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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

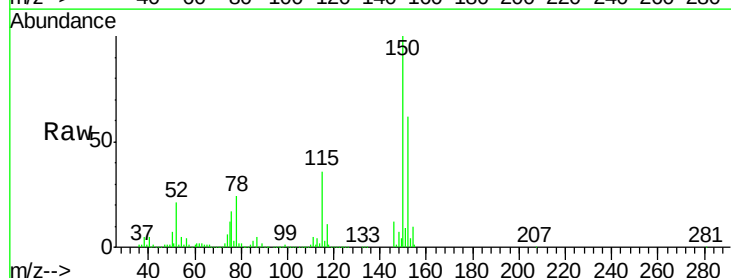
RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

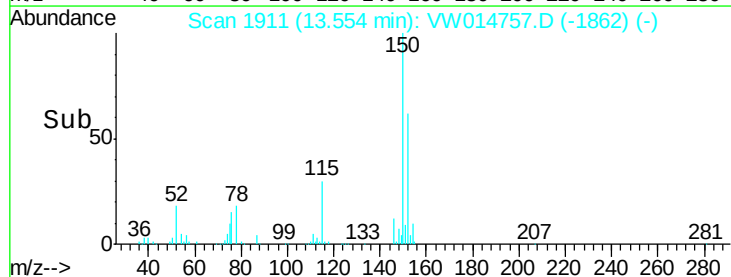
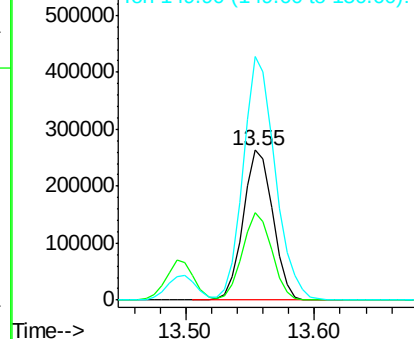
Lab File: VW014757.D

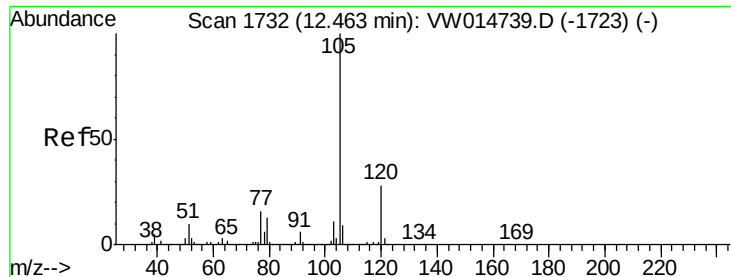
Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.0	87.1
150	174.9	0.0	354.0



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





#73

Isopropylbenzene

Concen: 52.827 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1568279

Ion Ratio Lower Upper

105 100

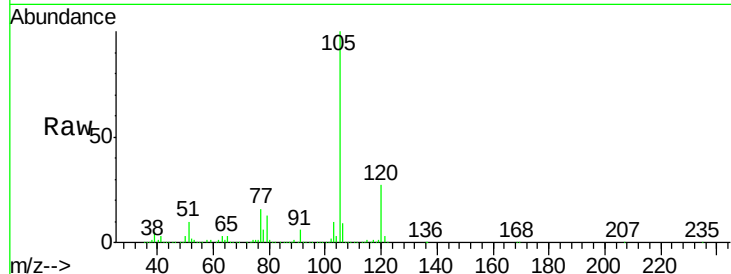
120 26.4 13.6 40.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

1000000

800000

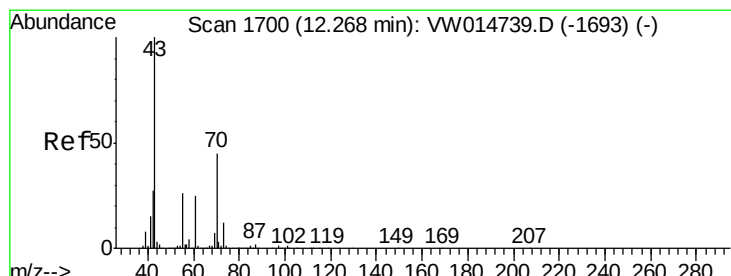
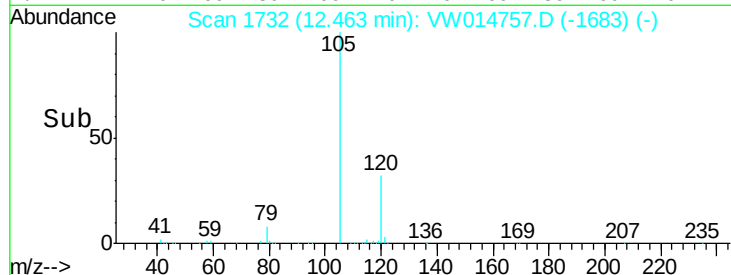
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 59.376 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Tgt Ion: 43 Resp: 419824

Ion Ratio Lower Upper

43 100

70 42.9 34.6 52.0

55 25.3 20.6 30.8

61 24.2 19.4 29.2

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

400000

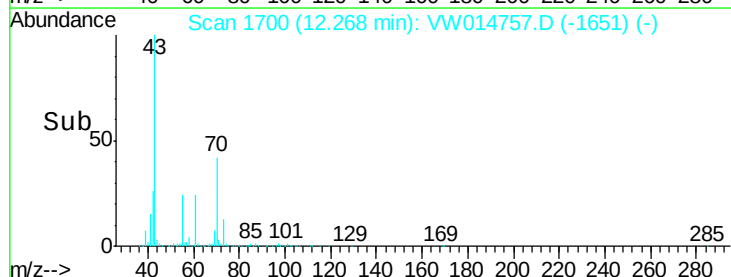
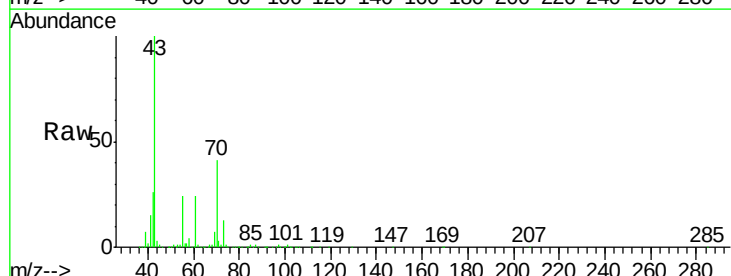
300000

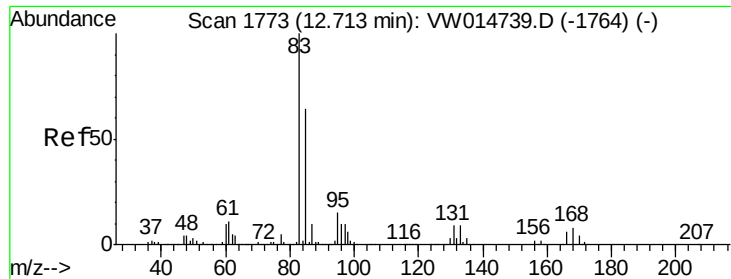
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 56.197 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

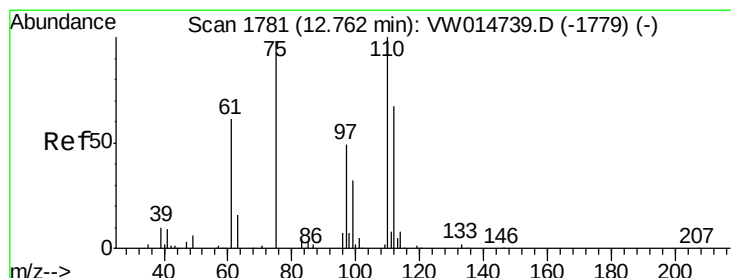
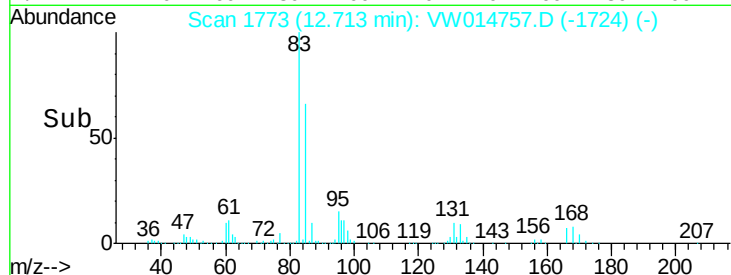
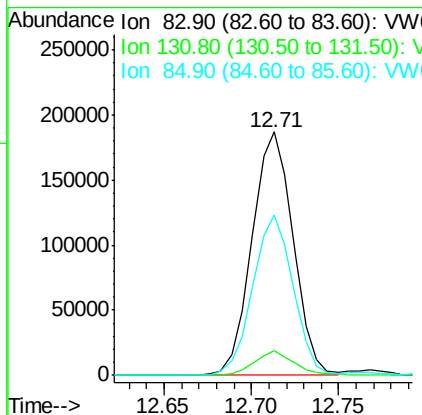
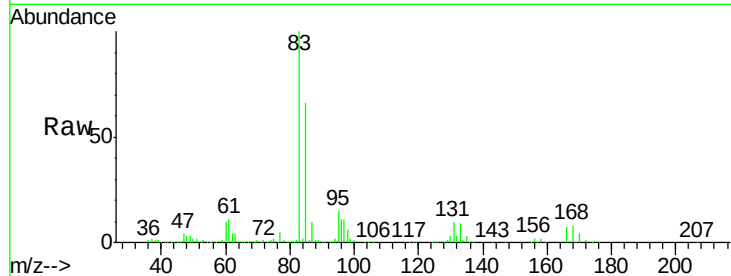
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	304513
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.4
85	64.7	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 55.715 ug/l m

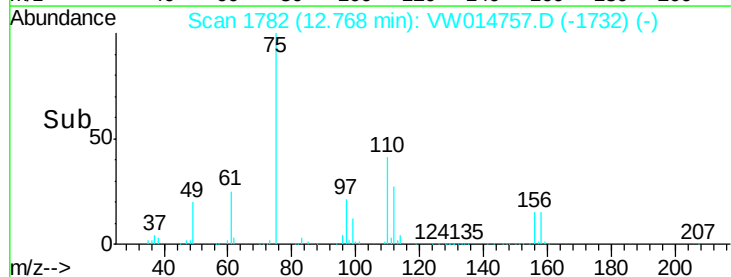
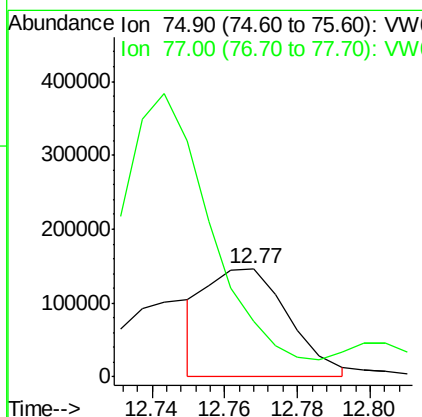
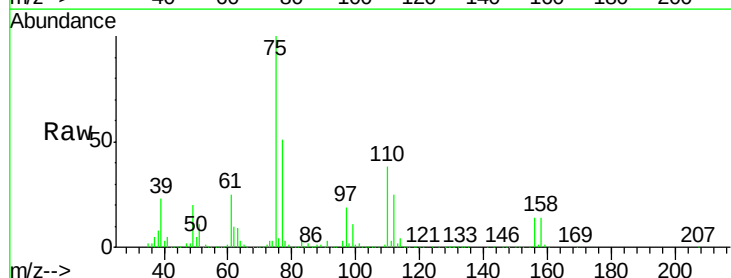
RT: 12.77 min Scan# 1782

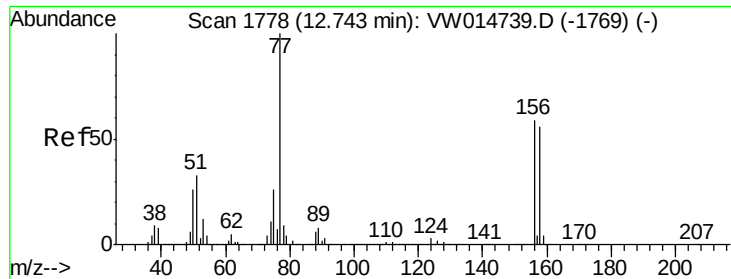
Delta R.T. 0.01 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Tgt Ion:	75	Resp:	231427
Ion Ratio	Lower	Upper	
75	100		
77	0.0	167.9	503.9#





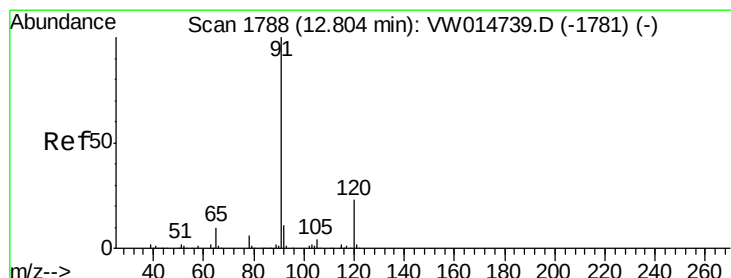
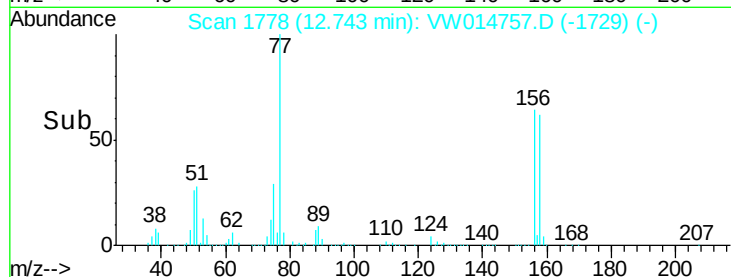
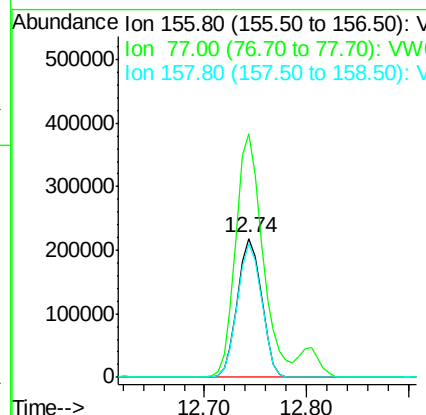
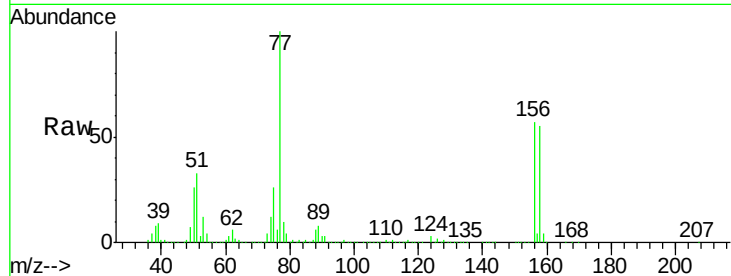
#77
Bromobenzene
Concen: 52.381 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	196.0	94.5	283.5
158	96.8	48.3	144.8

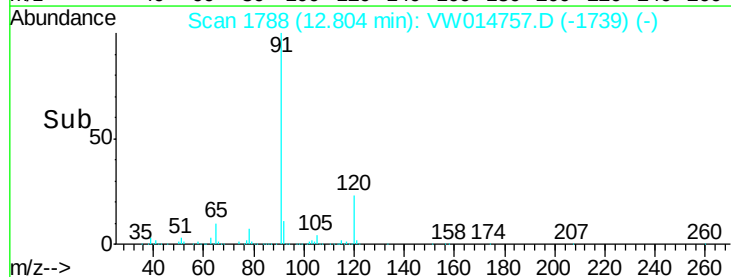
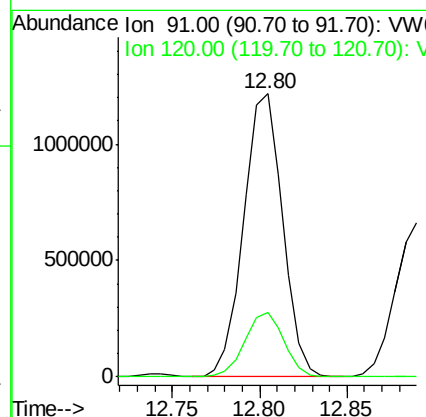
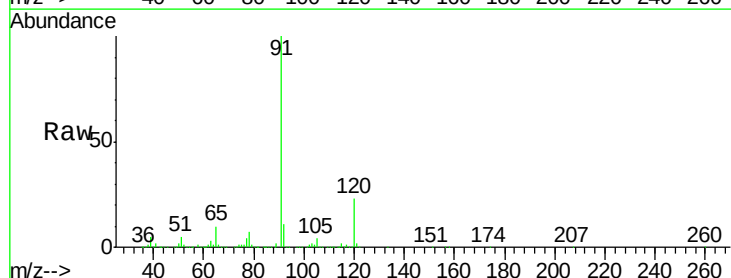
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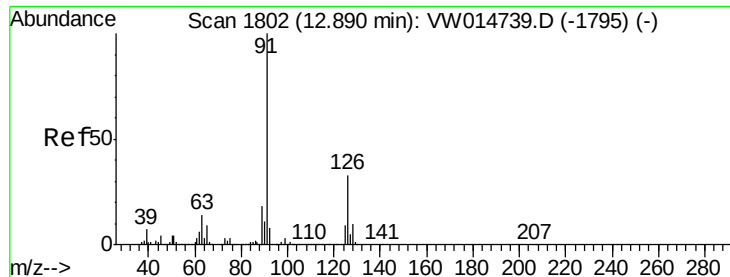
MMDadoda
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#78
n-propylbenzene
Concen: 52.158 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.3	33.9





#79

2-Chlorotoluene

Concen: 51.542 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1055450

Ion Ratio Lower Upper

91 100

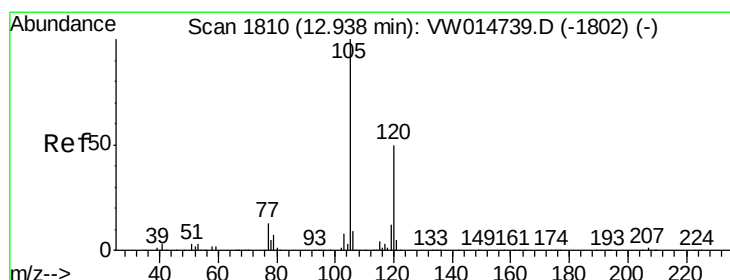
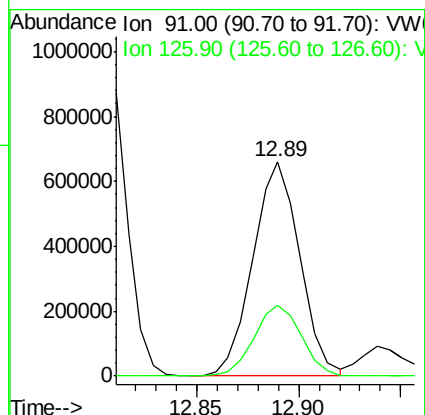
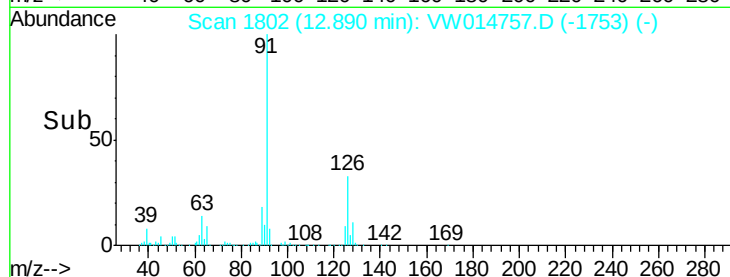
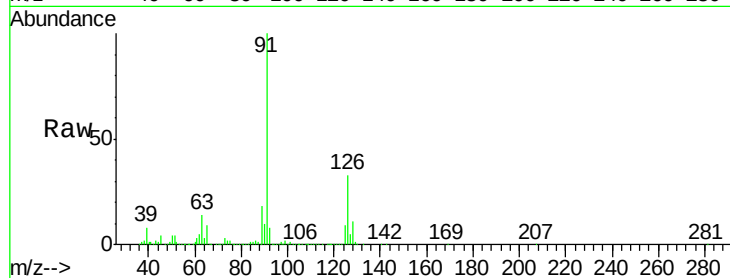
126 33.2 16.9 50.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.018 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW014757.D

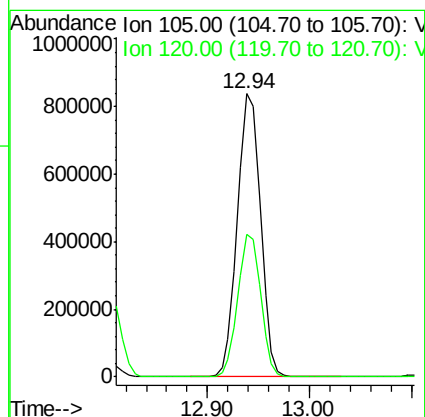
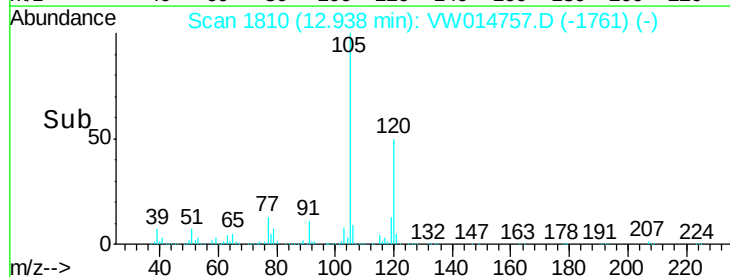
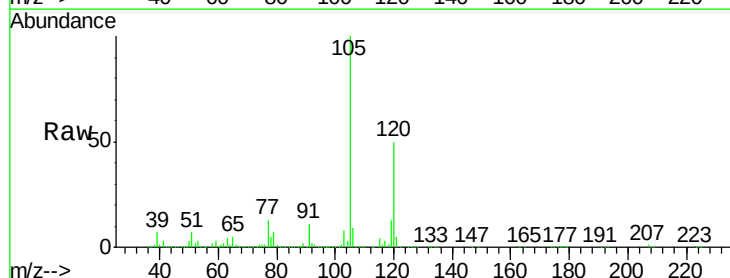
Acq: 24 Jan 2020 20:53

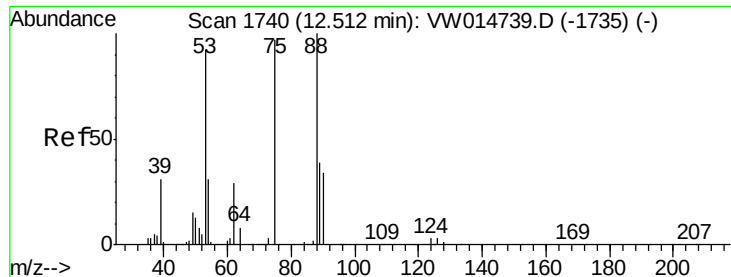
Tgt Ion:105 Resp: 1313649

Ion Ratio Lower Upper

105 100

120 49.7 25.0 75.0





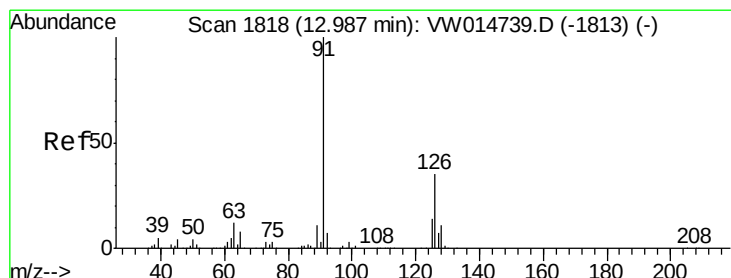
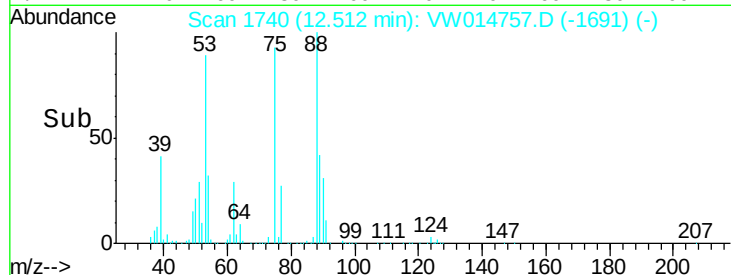
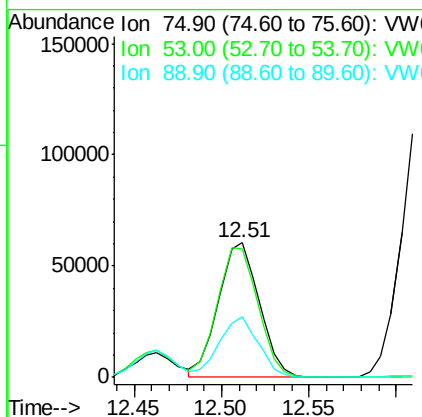
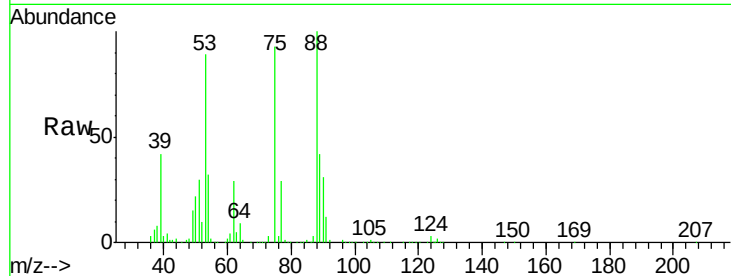
#81
trans-1,4-Dichloro-2-butene
Concen: 55.594 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.4	77.0	115.4
89	43.9	35.2	52.8

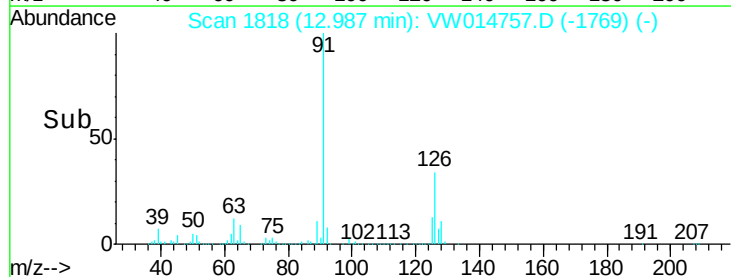
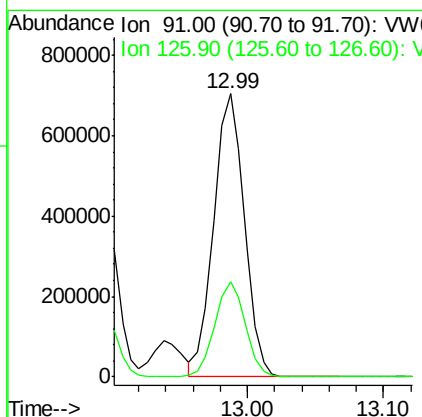
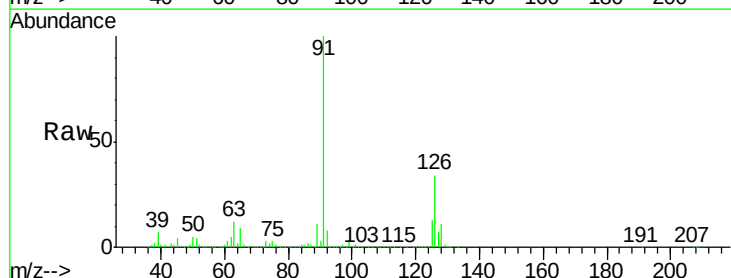
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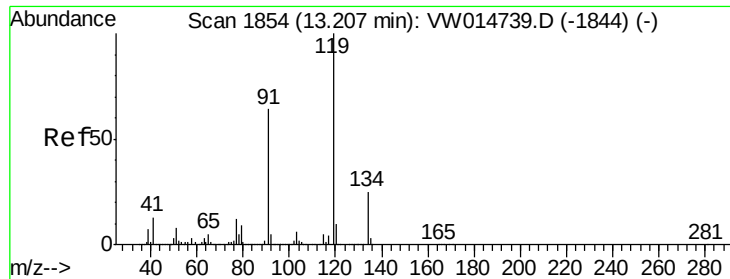
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#82
4-Chlorotoluene
Concen: 51.244 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.7	50.1





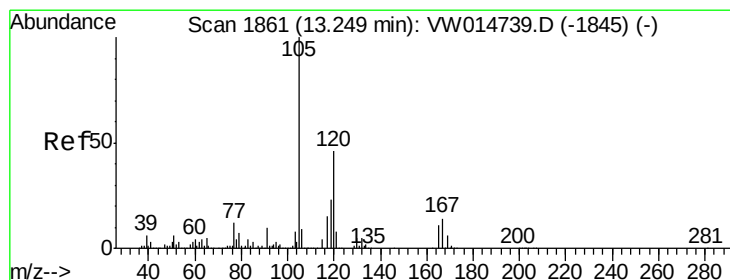
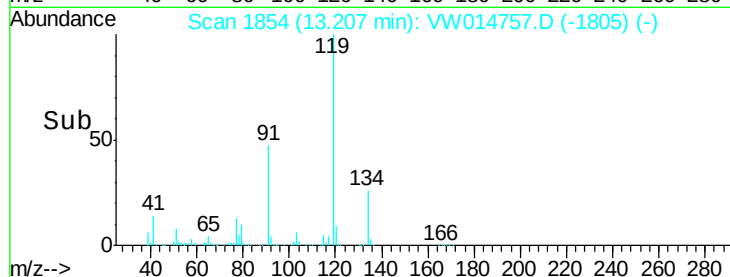
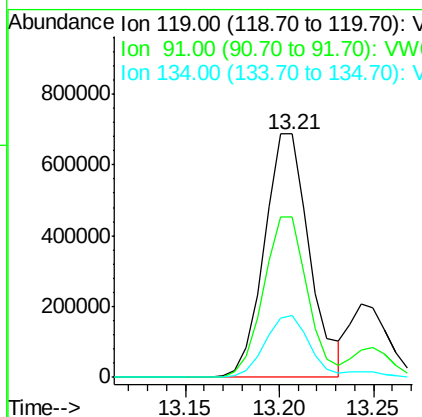
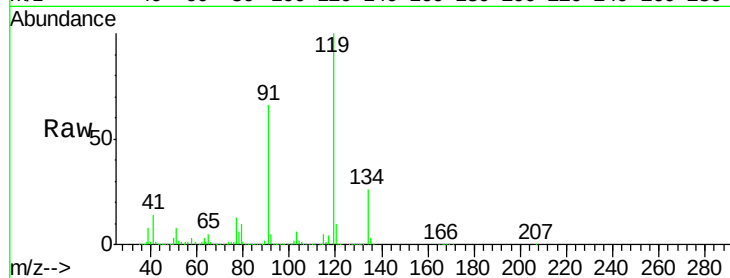
#83
tert-Butylbenzene
Concen: 52.356 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 1143941
Ion Ratio Lower Upper
119 100
91 64.0 32.1 96.3
134 26.7 13.4 40.2

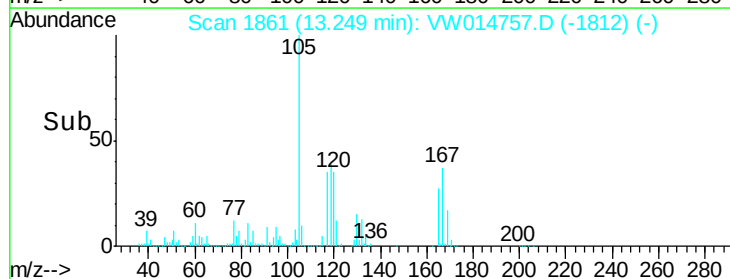
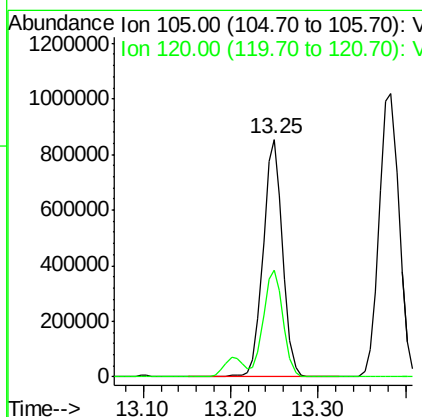
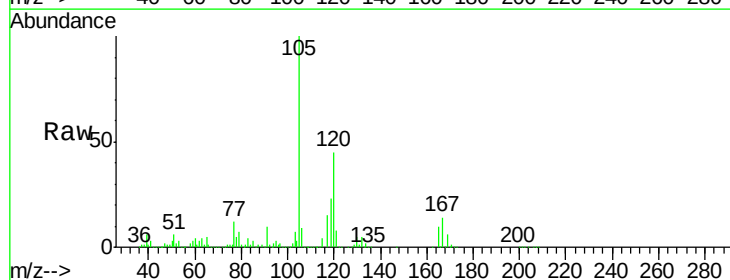
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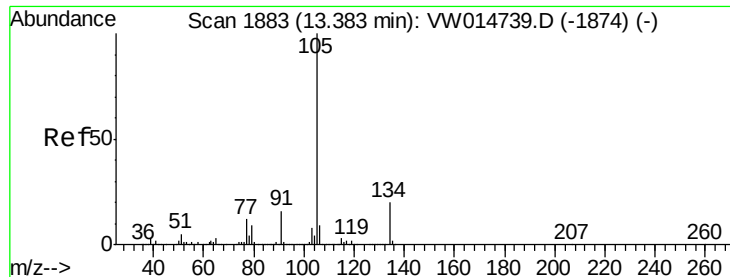
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#84
1,2,4-Trimethylbenzene
Concen: 52.193 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion:105 Resp: 1317156
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.8





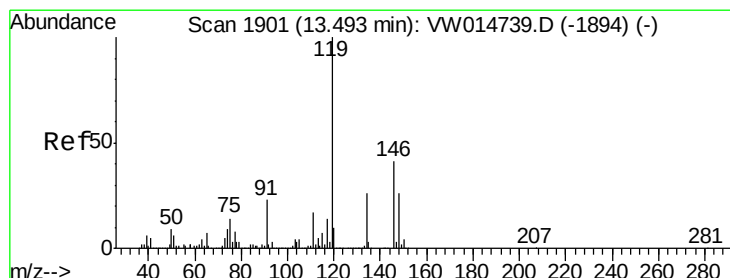
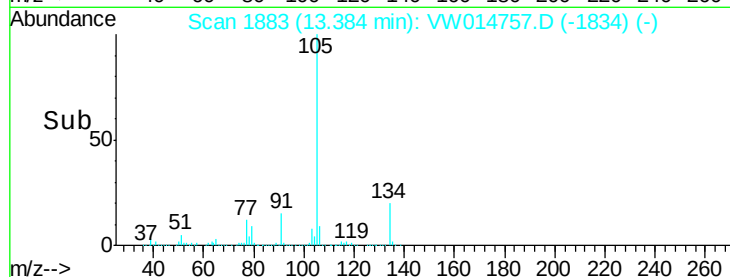
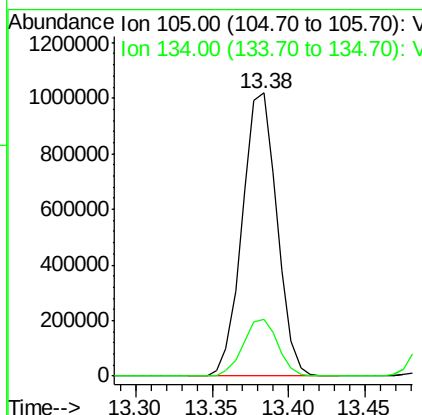
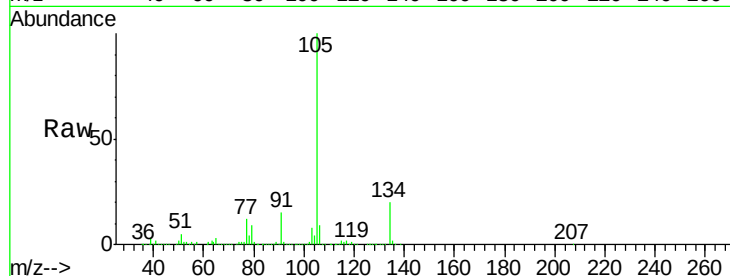
#85
 sec-Butylbenzene
 Concen: 52.204 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW014757.D
 Acq: 24 Jan 2020 20:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1606180
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

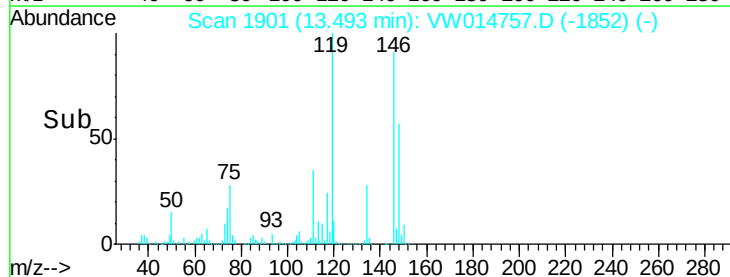
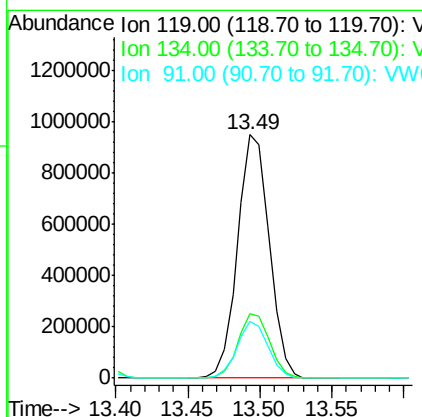
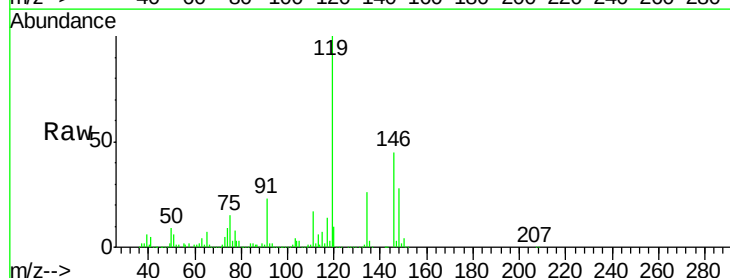
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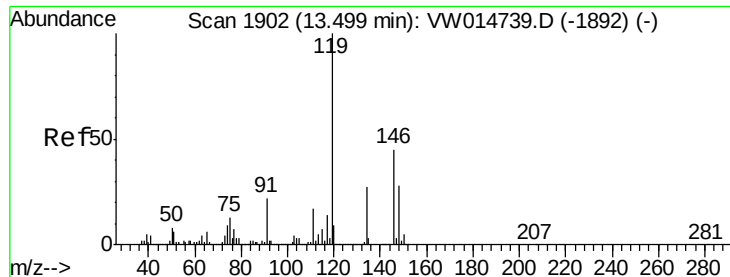
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#86
 p-Isopropyltoluene
 Concen: 51.871 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW014757.D
 Acq: 24 Jan 2020 20:53

Tgt Ion:119 Resp: 1445707
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 22.7 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 50.967 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW014757.D

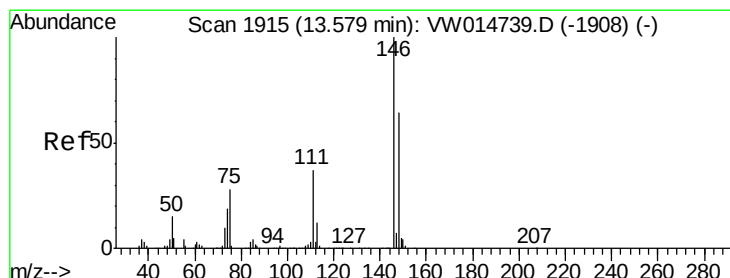
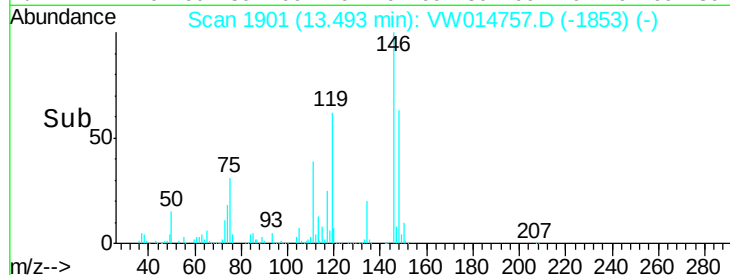
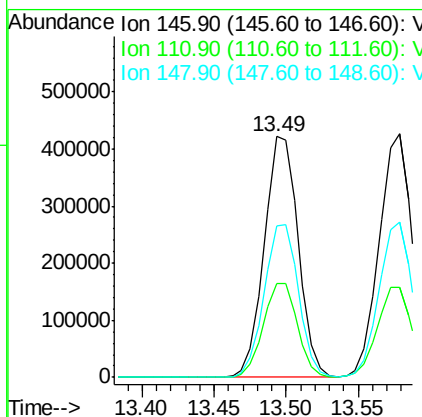
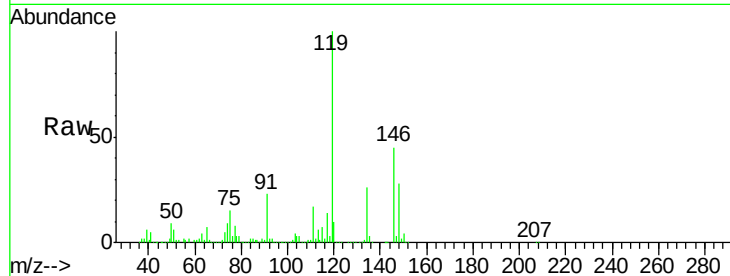
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.4
148	64.0	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.103 ug/l

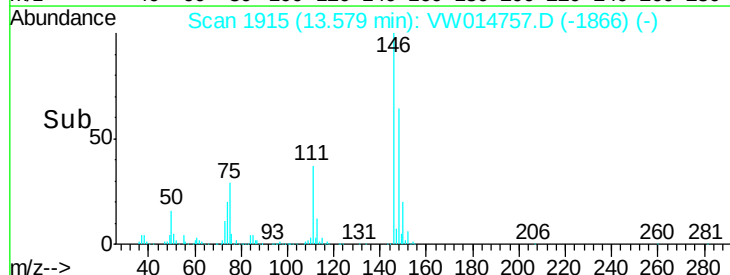
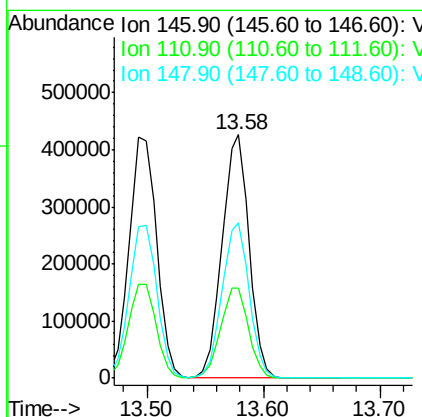
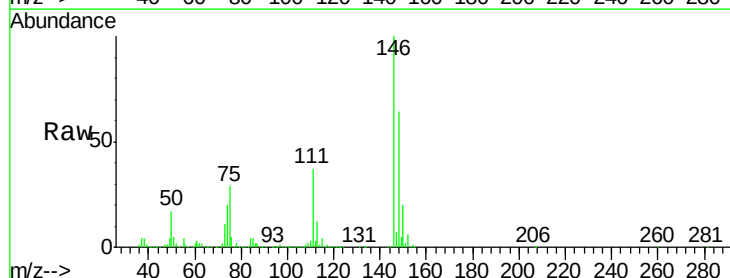
RT: 13.58 min Scan# 1915

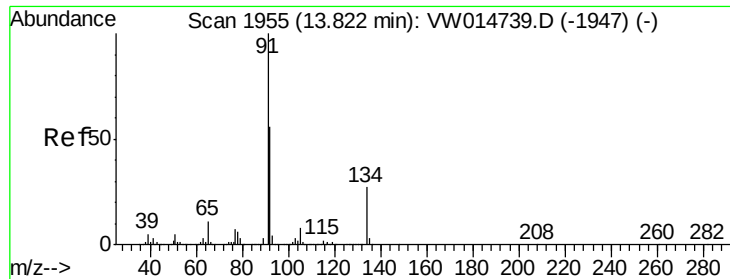
Delta R.T. 0.00 min

Lab File: VW014757.D

Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.4
148	64.0	32.0	96.2





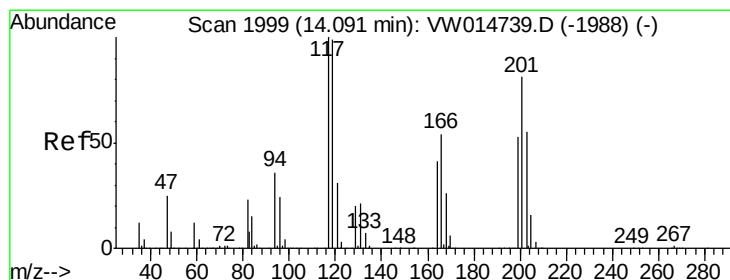
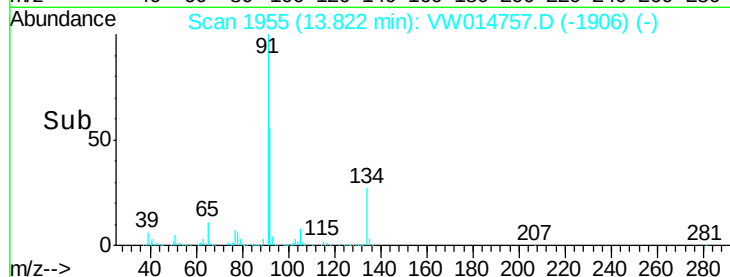
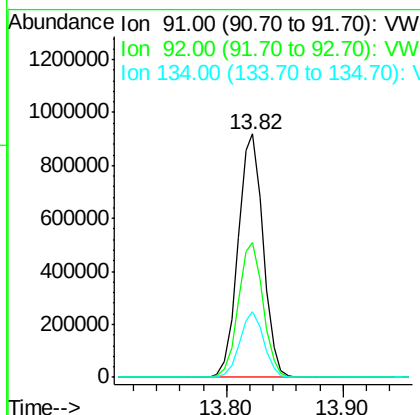
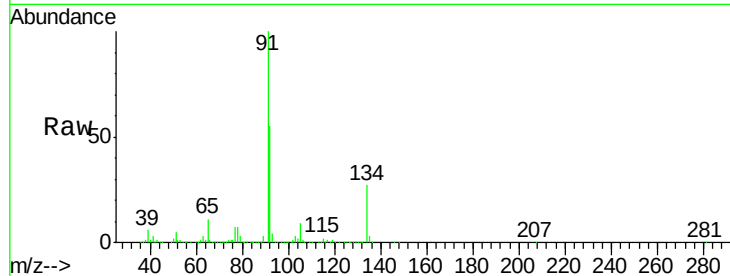
#89
n-Butylbenzene
Concen: 51.729 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.5	82.4
134	26.0	13.1	39.1

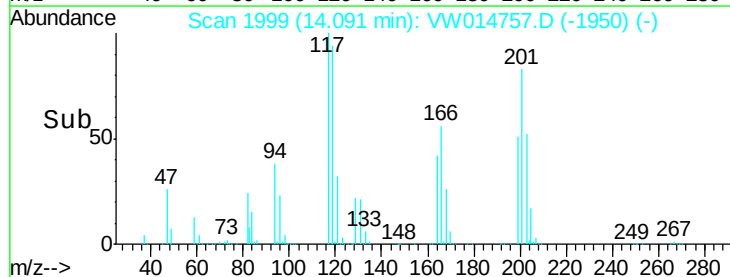
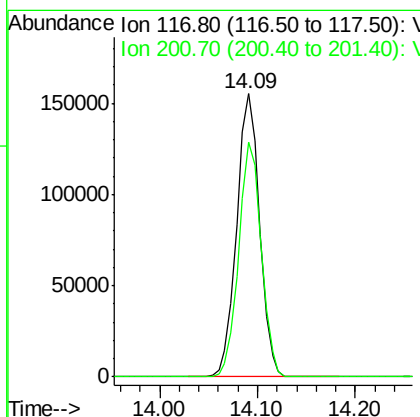
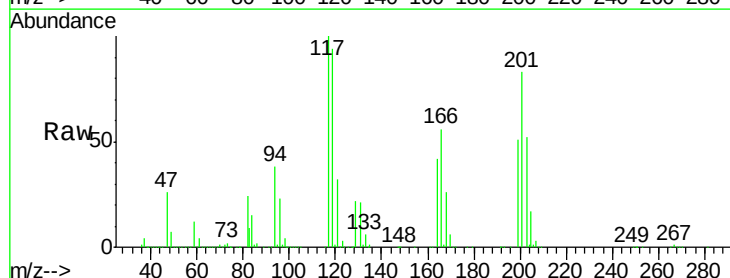
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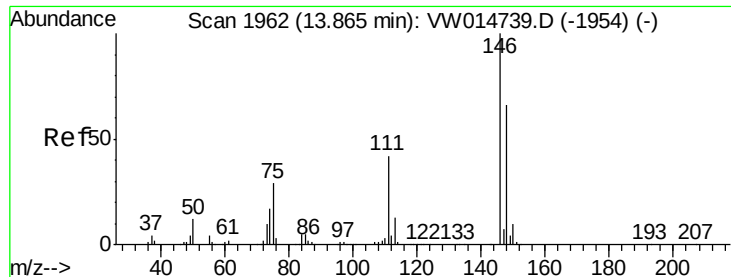
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#90
Hexachloroethane
Concen: 51.077 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.6	41.6	124.9





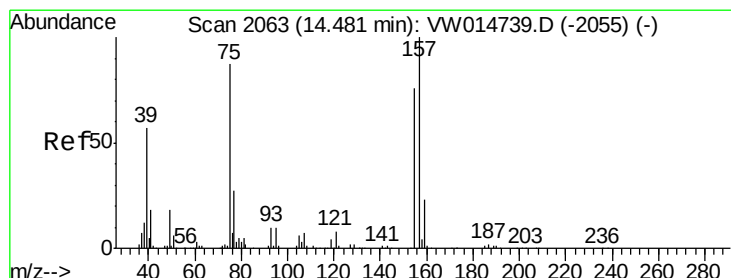
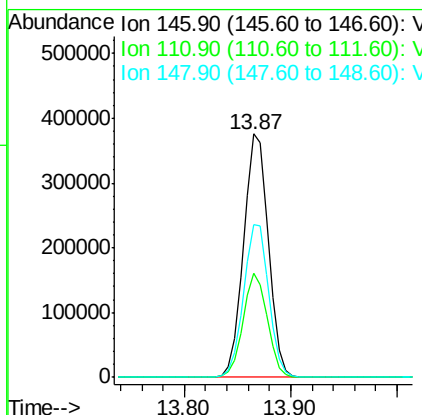
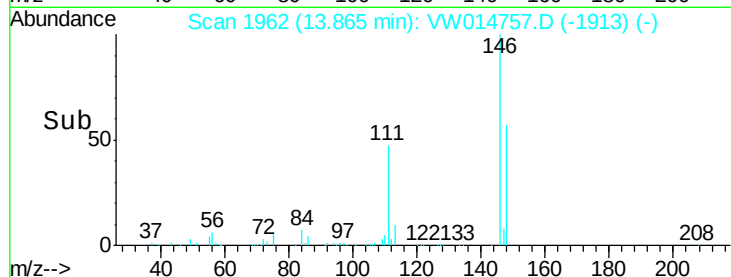
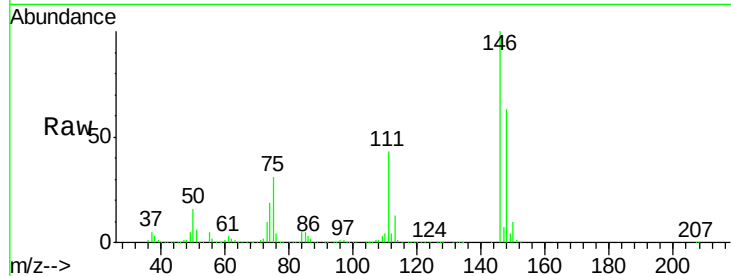
#91
 1,2-Dichlorobenzene
 Concen: 51.854 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: VW014757.D
 Acq: 24 Jan 2020 20:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.7	62.1
148	63.7	32.5	97.4

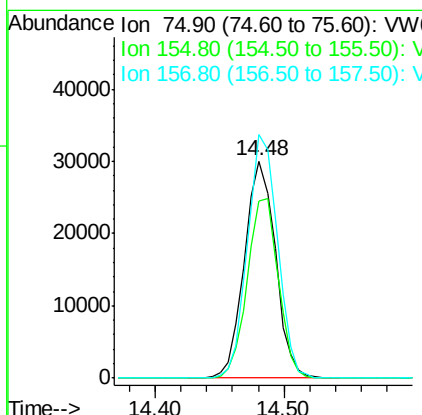
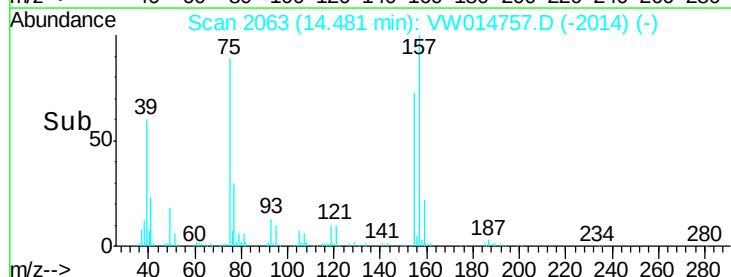
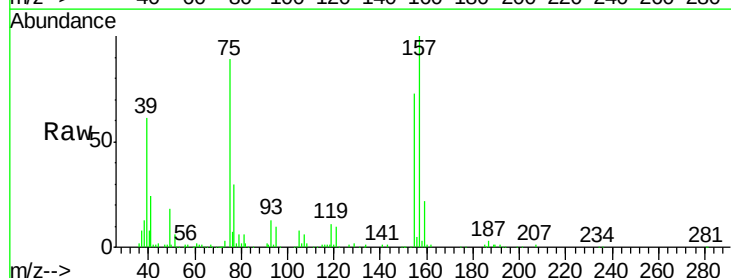
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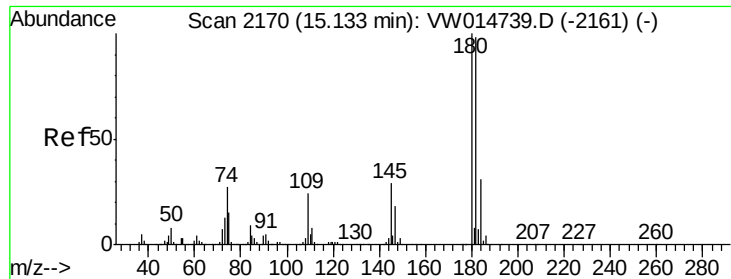
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.036 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014757.D
 Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	42.5	127.5
157	108.6	54.8	164.4





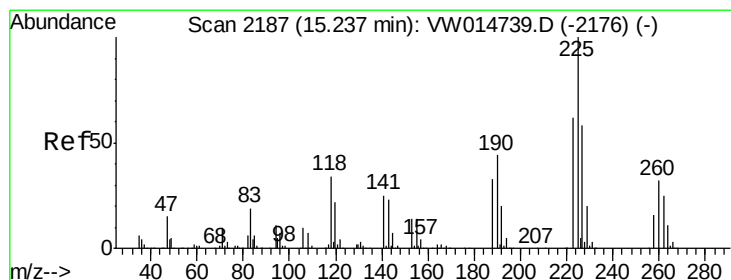
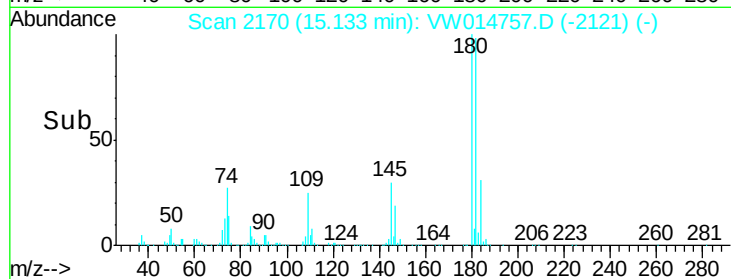
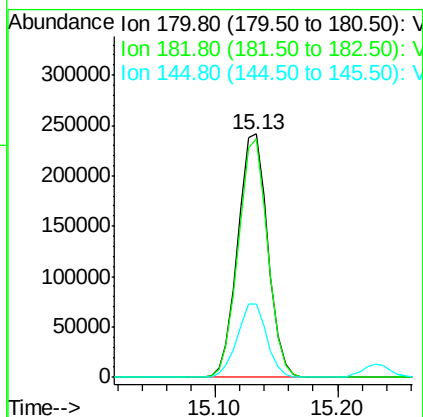
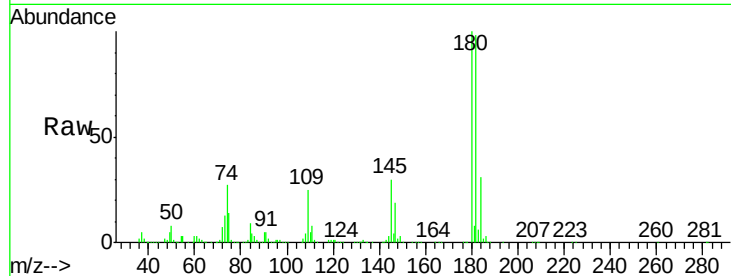
#93
 1,2,4-Trichlorobenzene
 Concen: 54.130 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014757.D
 Acq: 24 Jan 2020 20:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	48.6	145.9	
145	29.6	14.7	44.1	

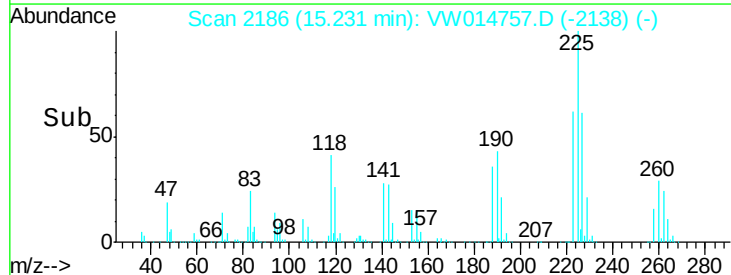
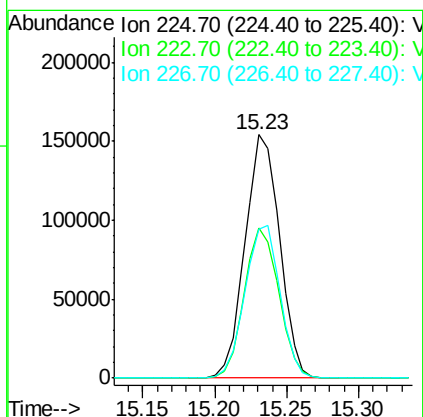
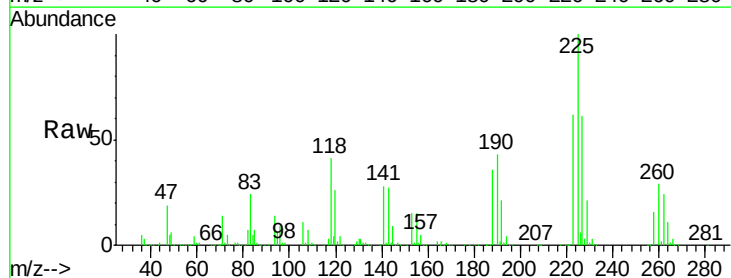
Manual Integrations
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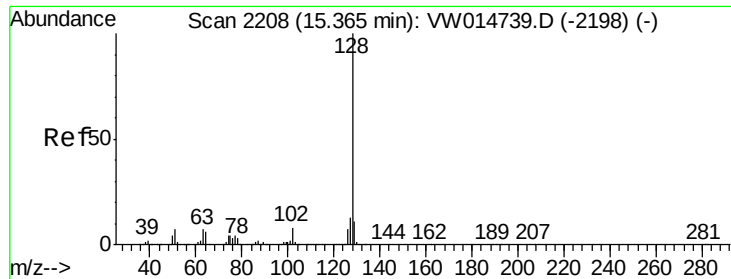
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#94
 Hexachlorobutadiene
 Concen: 49.741 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW014757.D
 Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	31.4	94.3	
227	63.4	30.9	92.8	





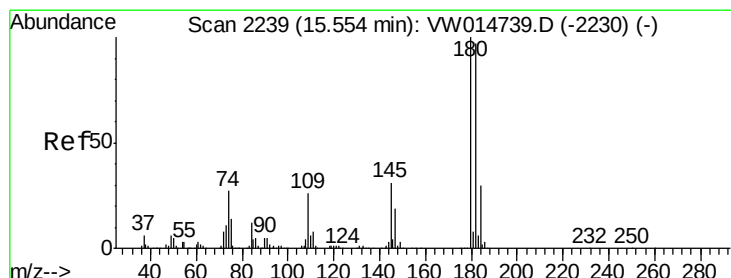
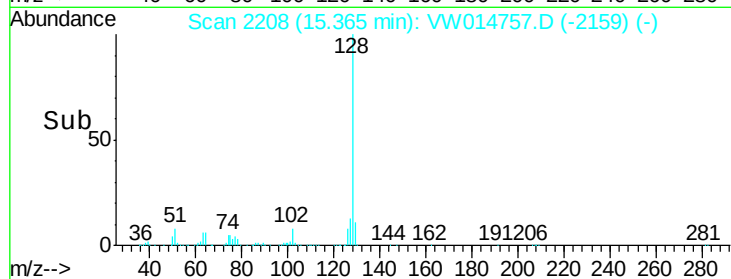
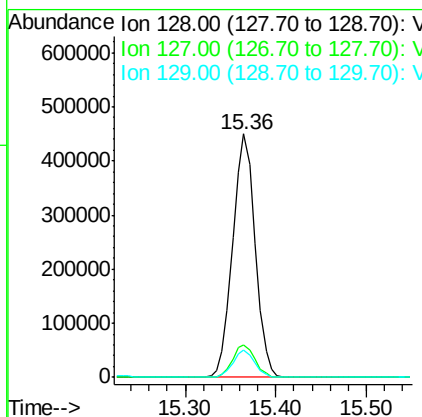
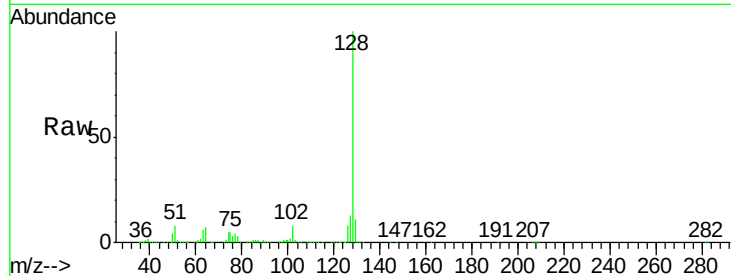
#95
Naphthalene
Concen: 55.102 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
1/27/2020 12:06:38 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.626 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW014757.D
Acq: 24 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.2	141.6
145	31.1	15.4	46.4

