

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014740.D
 Acq On : 24 Jan 2020 12:18
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:04:46 PM

Quant Time: Jan 24 12:51:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 12:36:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	727712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1104347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	971924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	481166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	659596	101.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	203.46%	
35) Dibromofluoromethane	7.88	113	614175	96.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	192.82%	
50) Toluene-d8	10.32	98	2584164	96.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	193.96%	
62) 4-Bromofluorobenzene	12.62	95	873463	96.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	193.74%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	457923	106.479	ug/l	100
3) Chloromethane	2.21	50	549704	103.915	ug/l	99
4) Vinyl Chloride	2.36	62	890668	113.699	ug/l	99
5) Bromomethane	2.75	94	493038m	103.779	ug/l	
6) Chloroethane	2.92	64	506048	114.011	ug/l	100
7) Trichlorofluoromethane	3.25	101	443852	114.130	ug/l	99
8) Diethyl Ether	3.67	74	360822	97.427	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	681370	97.136	ug/l	100
10) Methyl Iodide	4.27	142	989119	94.273	ug/l	99
11) Tert butyl alcohol	5.16	59	235677	435.733	ug/l	99
12) 1,1-Dichloroethene	4.04	96	722395	98.439	ug/l	98
13) Acrolein	3.89	56	295614	554.947	ug/l	100
14) Allyl chloride	4.66	41	1198370	105.435	ug/l	99
15) Acrylonitrile	5.35	53	862004	515.194	ug/l	99
16) Acetone	4.11	43	797536	450.806	ug/l	98
17) Carbon Disulfide	4.38	76	2288928	102.515	ug/l	100
18) Methyl Acetate	4.66	43	380761	90.252	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	919814	101.145	ug/l	99
20) Methylene Chloride	4.91	84	728275	86.231	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	747682	95.940	ug/l	99
22) Diisopropyl ether	6.31	45	2144392	100.760	ug/l	100
23) Vinyl Acetate	6.24	43	6740080	531.585	ug/l	100
24) 1,1-Dichloroethane	6.21	63	1327926	99.502	ug/l	99
25) 2-Butanone	7.17	43	1126212	495.429	ug/l	99
26) 2,2-Dichloropropane	7.16	77	695418	94.038	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	784169	95.955	ug/l	99
28) Bromochloromethane	7.51	49	523687	101.057	ug/l	100
29) Tetrahydrofuran	7.52	42	724107	511.451	ug/l	99
30) Chloroform	7.67	83	1207721	96.923	ug/l	97
31) Cyclohexane	7.95	56	1317411	95.228	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	985520	98.443	ug/l	99
36) 1,1-Dichloropropene	8.07	75	1052281	97.390	ug/l	100
37) Ethyl Acetate	7.24	43	489833	102.515	ug/l	99
38) Carbon Tetrachloride	8.06	117	921284	98.362	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	1343232	97.662	ug/l	99
40) Benzene	8.32	78	2922005	95.649	ug/l	100
41) Methacrylonitrile	7.48	41	287040	107.072	ug/l	98
42) 1,2-Dichloroethane	8.40	62	787181	98.982	ug/l	99
43) Isopropyl Acetate	8.42	43	906515	103.699	ug/l	99
44) Trichloroethene	9.09	130	764181	93.248	ug/l	98
45) 1,2-Dichloropropane	9.37	63	735984	98.080	ug/l	97
46) Dibromomethane	9.45	93	348327	95.436	ug/l	99
47) Bromodichloromethane	9.64	83	906284	99.195	ug/l	98
48) Methyl methacrylate	9.43	41	457017	108.195	ug/l	94
49) 1,4-Dioxane	9.44	88	135593	2028.310	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	2348168	519.643	ug/l	99
52) Toluene	10.38	92	1822740	95.401	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	945578	101.056	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	1144714	99.681	ug/l	98
55) 1,1,2-Trichloroethane	10.78	97	504600	94.966	ug/l	98
56) Ethyl methacrylate	10.64	69	718240	104.546	ug/l	97
57) 1,3-Dichloropropane	10.93	76	911238	96.924	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	1203708	571.307	ug/l	100
59) 2-Hexanone	10.96	43	1637101	529.002	ug/l	99
60) Dibromochloromethane	11.13	129	583844	97.396	ug/l	97
61) 1,2-Dibromoethane	11.23	107	478405	95.408	ug/l	99
64) Tetrachloroethene	10.86	164	626637	89.280	ug/l	96
65) Chlorobenzene	11.65	112	1845306	92.331	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	638812	94.963	ug/l	99
67) Ethyl Benzene	11.73	91	3463363	95.792	ug/l	99
68) m/p-Xylenes	11.83	106	2614880	189.421	ug/l	98
69) o-Xylene	12.16	106	1205221	94.587	ug/l	100
70) Styrene	12.18	104	2077985	96.542	ug/l	99
71) Bromoform	12.35	173	346483	96.085	ug/l	# 99
73) Isopropylbenzene	12.46	105	3322428	93.633	ug/l	99
74) N-amyl acetate	12.27	43	836147	105.322	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	592365	93.699	ug/l	100
76) 1,2,3-Trichloropropane	12.76	75	455540m	101.242	ug/l	
77) Bromobenzene	12.74	156	750039	90.984	ug/l	98
78) n-propylbenzene	12.80	91	4006740	95.319	ug/l	99
79) 2-Chlorotoluene	12.89	91	2230325	93.303	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	2805382	93.719	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	203892	100.898	ug/l	98
82) 4-Chlorotoluene	12.99	91	2331070	93.741	ug/l	100
83) tert-Butylbenzene	13.20	119	2462648	94.262	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	2813065	94.340	ug/l	100
85) sec-Butylbenzene	13.38	105	3427499	94.518	ug/l	100
86) p-Isopropyltoluene	13.49	119	3132721	94.683	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	1465974	91.376	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1438408	91.063	ug/l	99
89) n-Butylbenzene	13.82	91	3046066	98.866	ug/l	100
90) Hexachloroethane	14.09	117	551557	95.783	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	1281457	90.862	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	97696	97.846	ug/l	99

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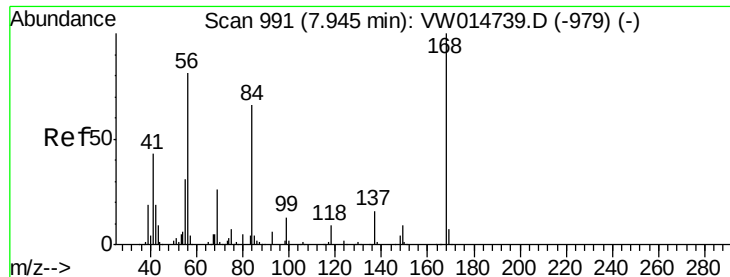
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
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QLast Update : Fri Jan 24 12:36:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	907438	96.158	ug/l	98
94) Hexachlorobutadiene	15.23	225	554590	86.989	ug/l	98
95) Naphthalene	15.36	128	1661458	104.414	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	777834	94.724	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 727712

Ion Ratio Lower Upper

168 100

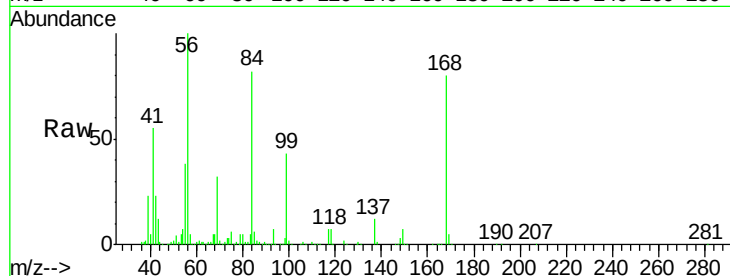
99 54.1 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

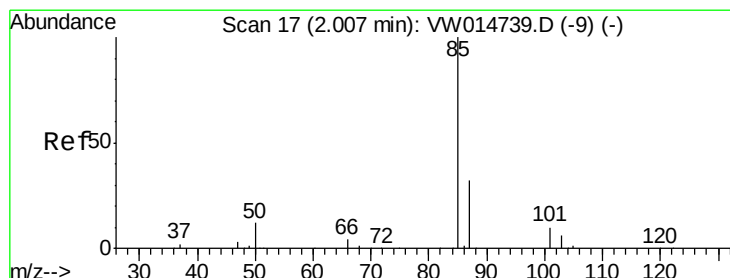
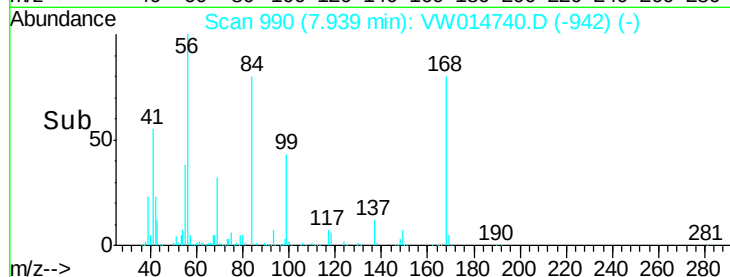
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 106.479 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014740.D

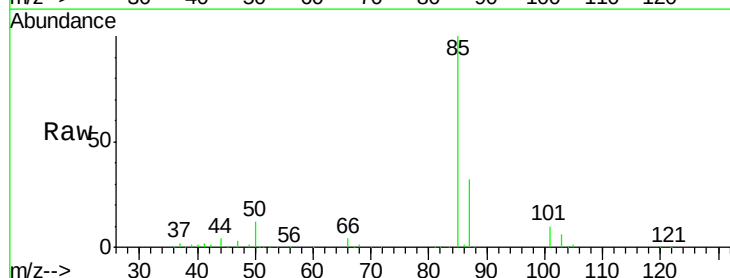
Acq: 24 Jan 2020 12:18

Tgt Ion: 85 Resp: 457923

Ion Ratio Lower Upper

85 100

87 32.0 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

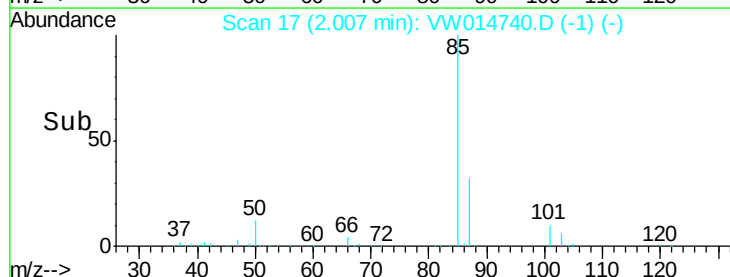
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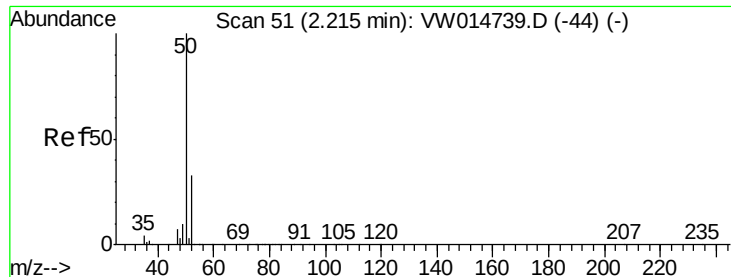
100000

50000

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Time-->





#3

Chloromethane

Concen: 103.915 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 549704

Ion Ratio Lower Upper

50 100

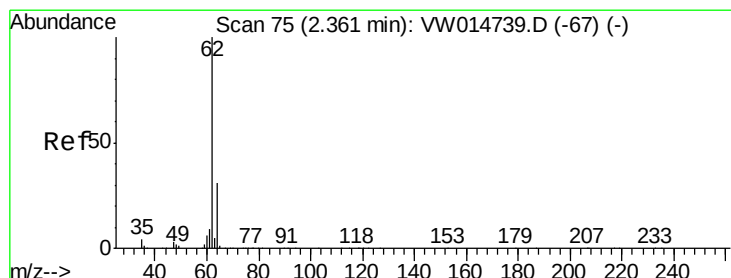
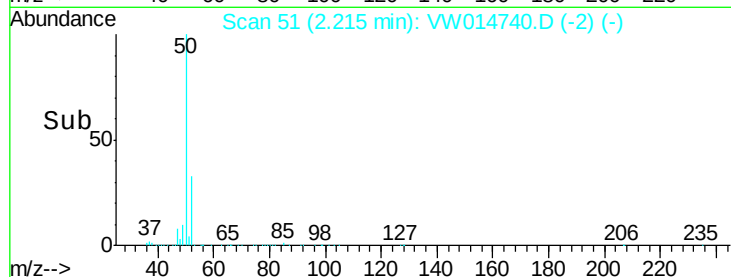
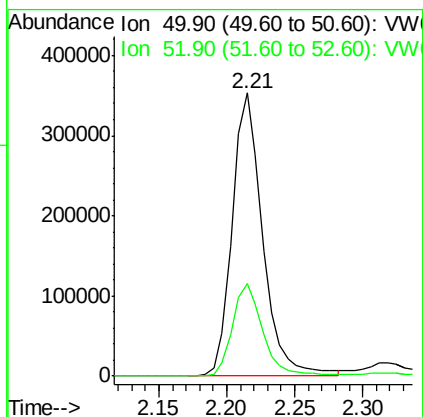
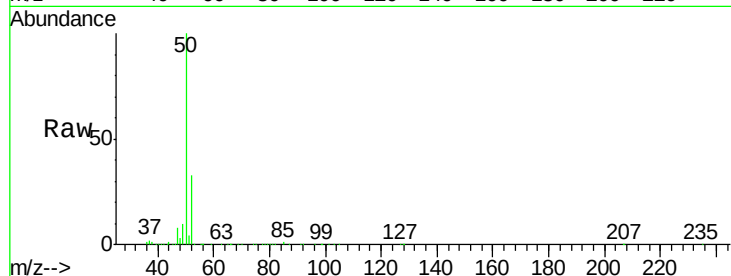
52 32.7 26.7 40.1

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#4

Vinyl Chloride

Concen: 113.699 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014740.D

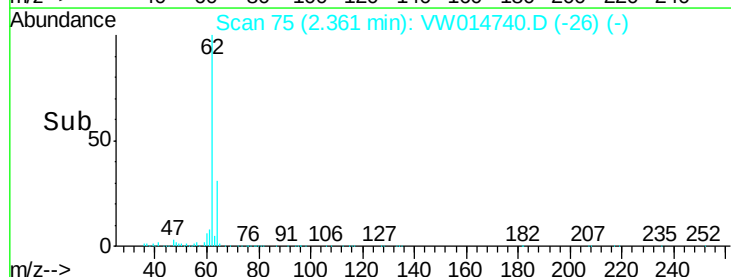
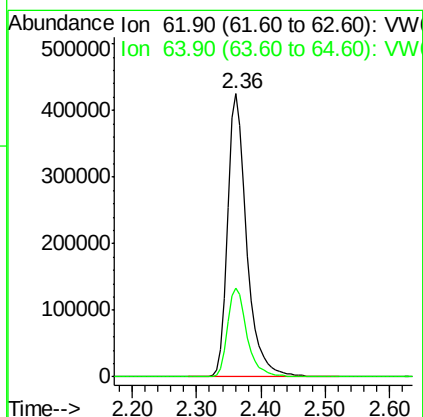
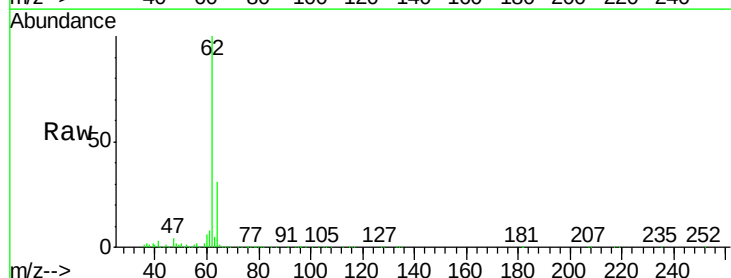
Acq: 24 Jan 2020 12:18

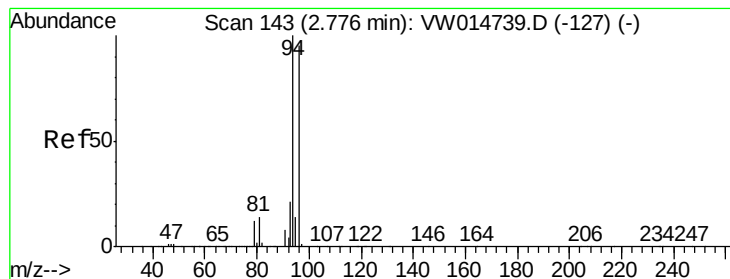
Tgt Ion: 62 Resp: 890668

Ion Ratio Lower Upper

62 100

64 31.4 24.7 37.1





#5

Bromomethane

Concen: 103.779 ug/l m

RT: 2.75 min Scan# 138

Delta R.T. -0.03 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 94 Resp: 493038

Ion Ratio Lower Upper

94 100

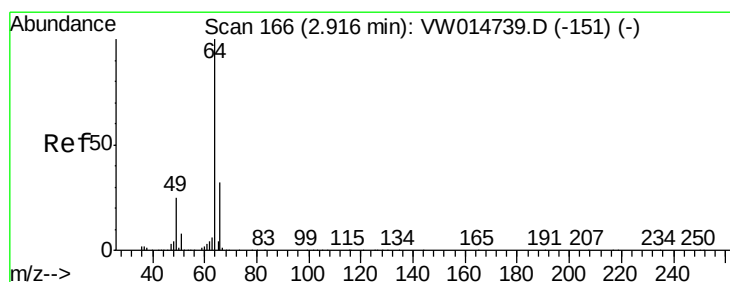
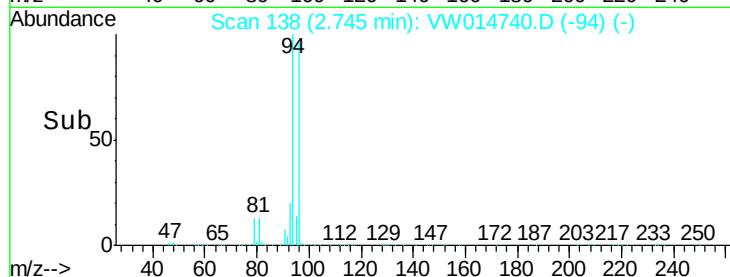
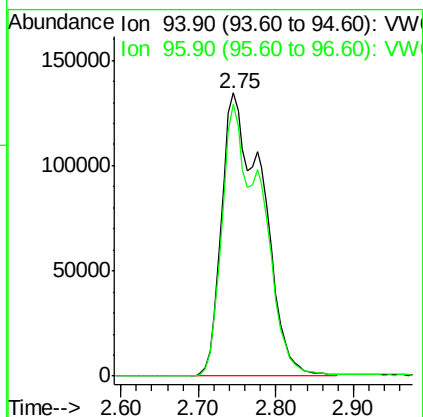
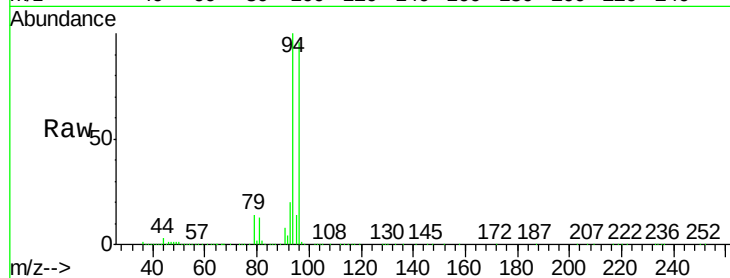
96 96.2 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 114.011 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014740.D

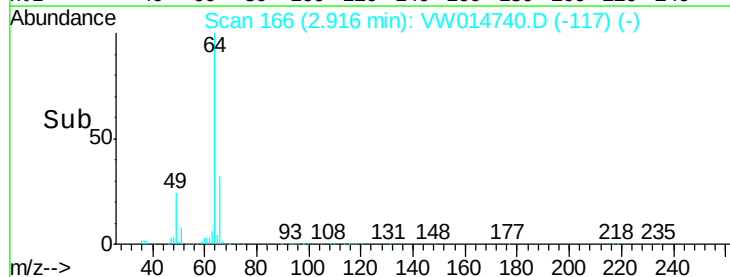
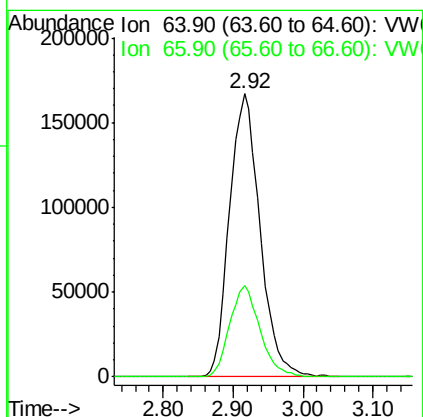
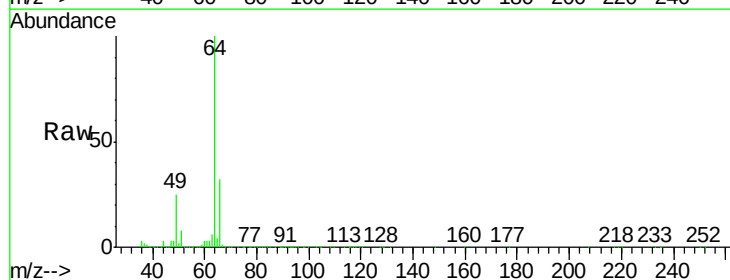
Acq: 24 Jan 2020 12:18

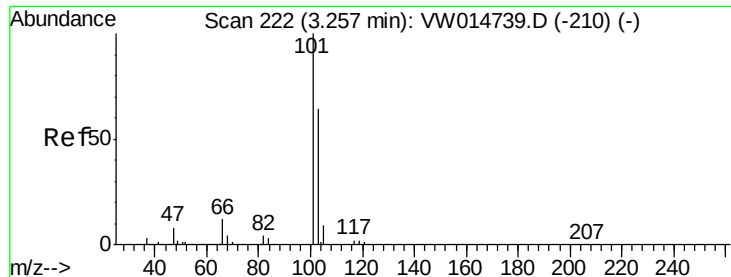
Tgt Ion: 64 Resp: 506048

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3





#7

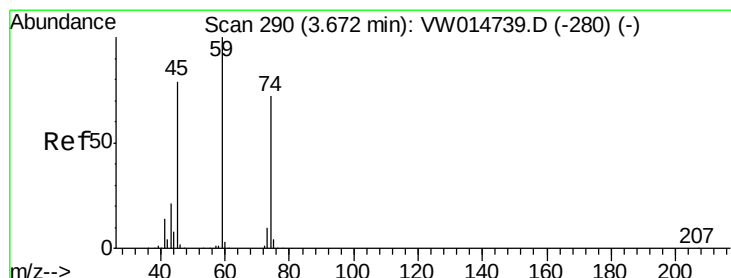
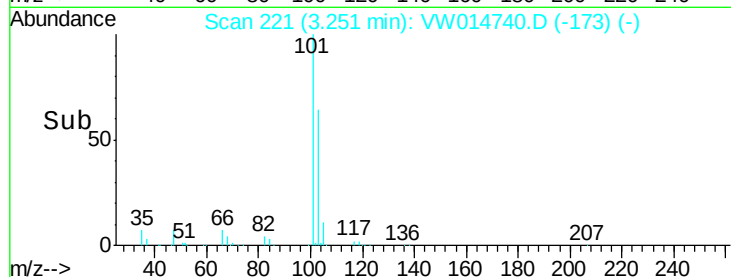
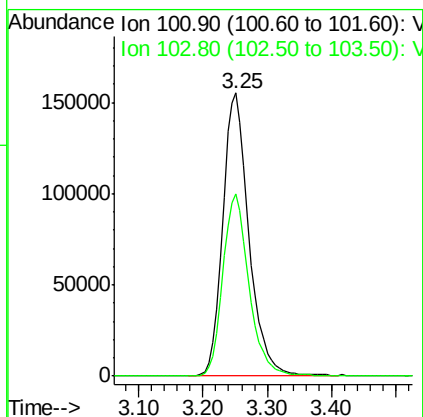
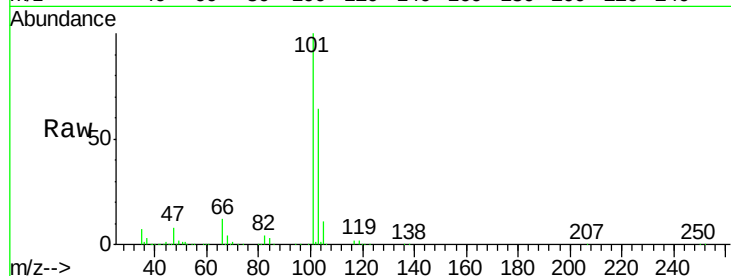
Trichlorofluoromethane
Concen: 114.130 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
101	100	443852		
103	64.4	50.8	76.2	

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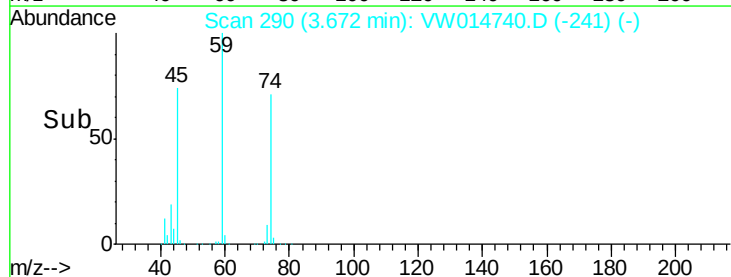
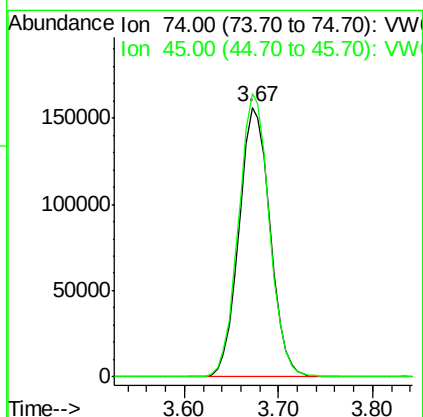
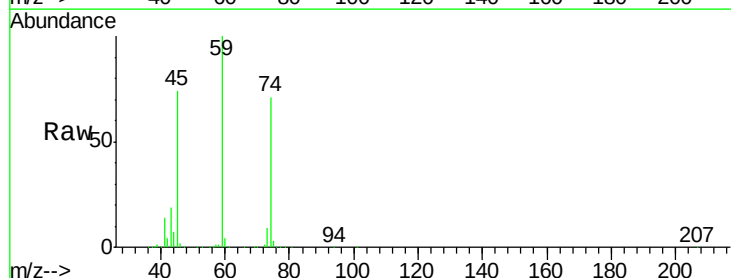
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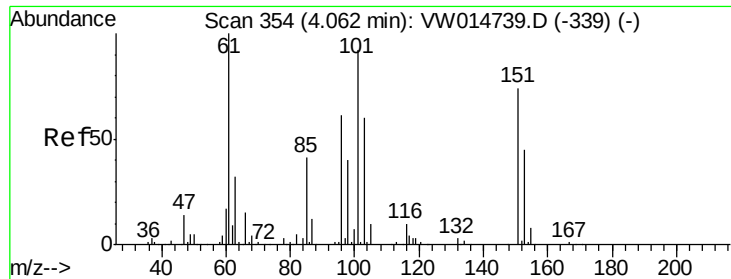


#8

Diethyl Ether
Concen: 97.427 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	360822		
45	104.0	52.7	158.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.136 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

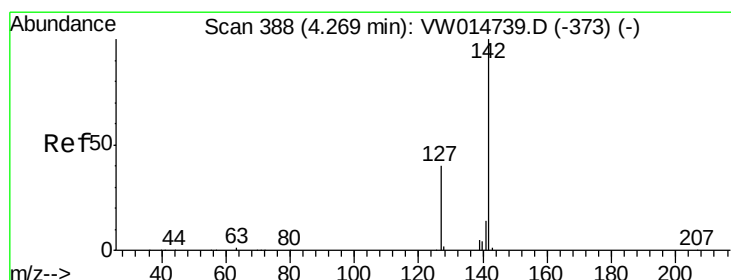
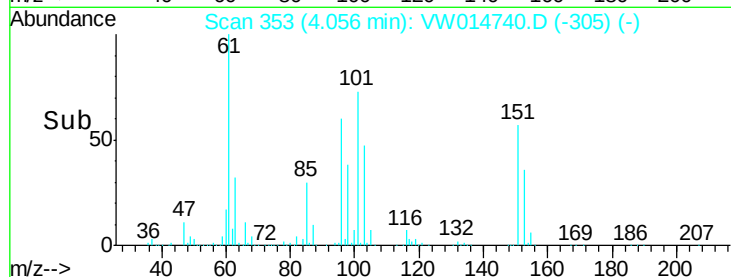
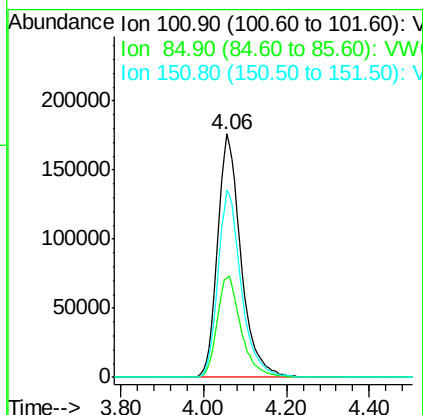
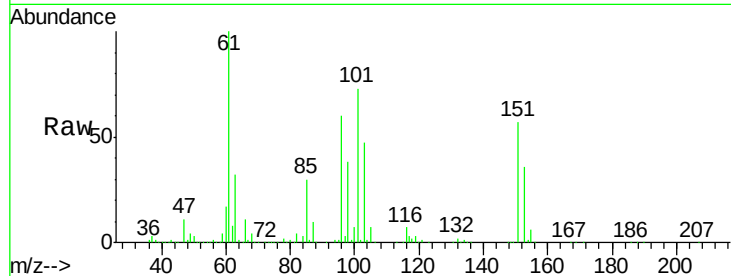
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	681370
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.4	51.6
151	76.7	61.5	92.3

Manual Integrations
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#10

Methyl Iodide

Concen: 94.273 ug/l

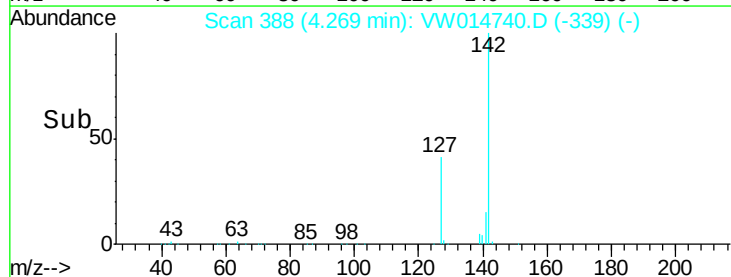
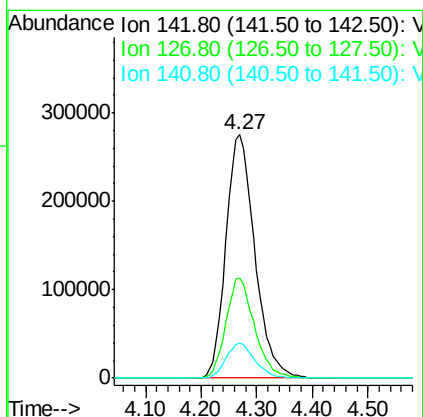
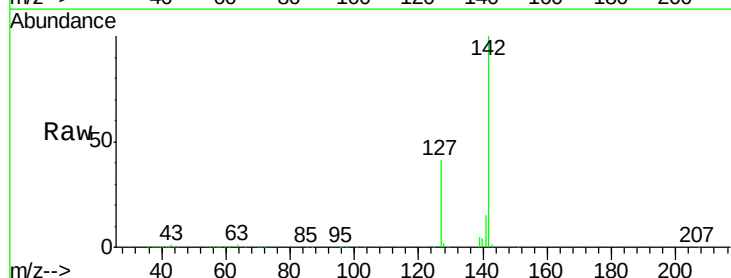
RT: 4.27 min Scan# 388

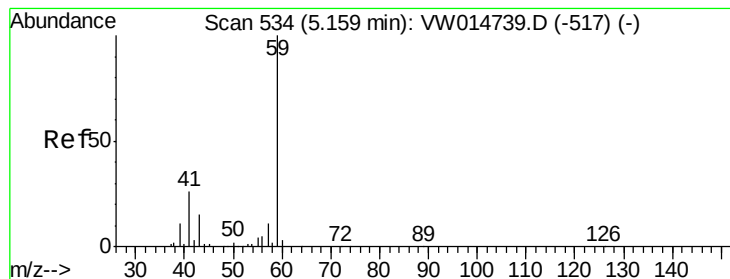
Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Tgt Ion:	142	Resp:	989119
Ion Ratio	Lower	Upper	
142	100		
127	40.7	33.2	49.8
141	14.4	11.8	17.6





#11

Tert butyl alcohol

Concen: 435.733 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 59 Resp: 235677

Ion Ratio Lower Upper

59 100

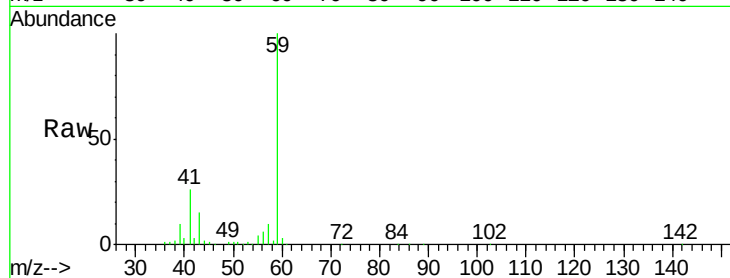
57 10.3 8.6 12.8

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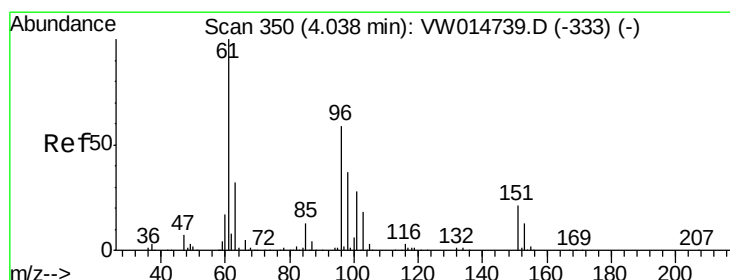
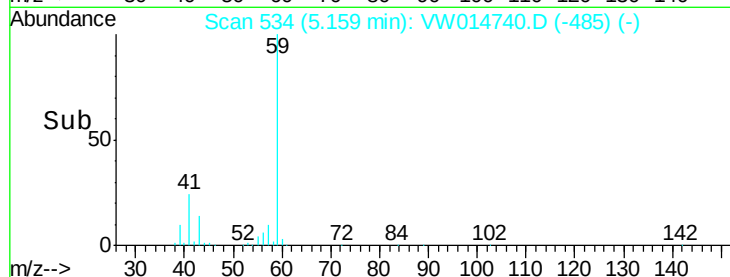
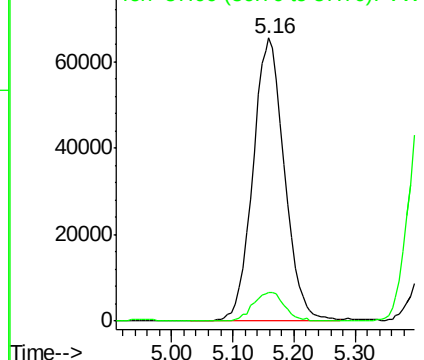
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Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 98.439 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

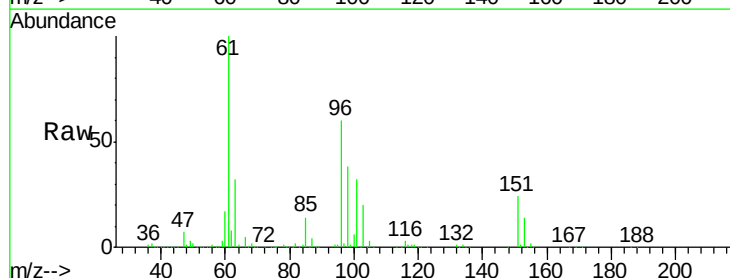
Tgt Ion: 96 Resp: 722395

Ion Ratio Lower Upper

96 100

61 167.4 136.3 204.5

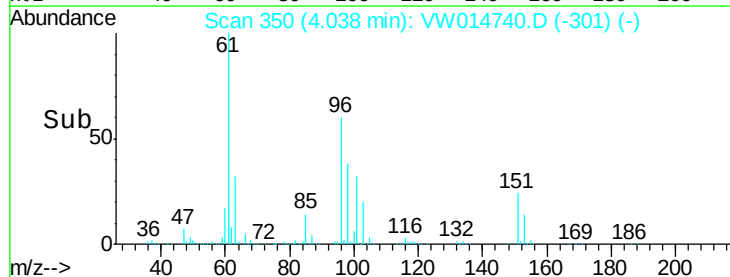
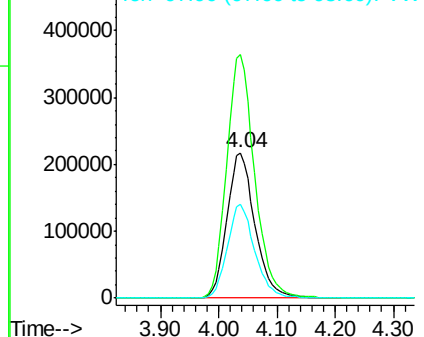
98 64.3 51.0 76.6

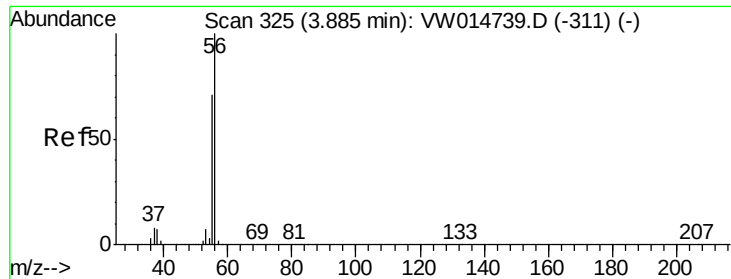


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





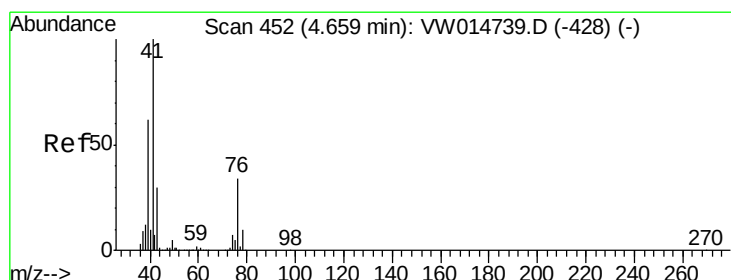
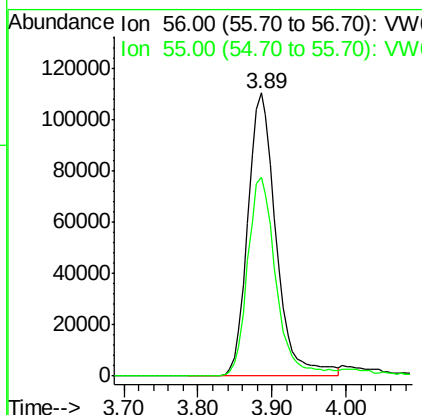
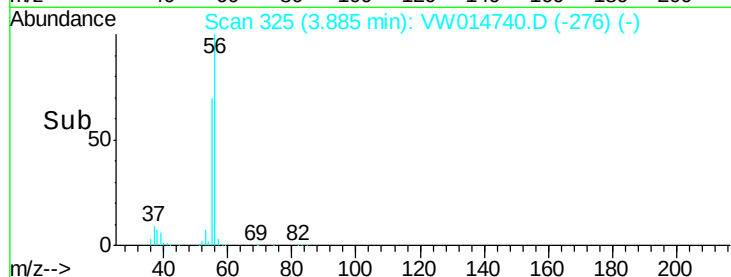
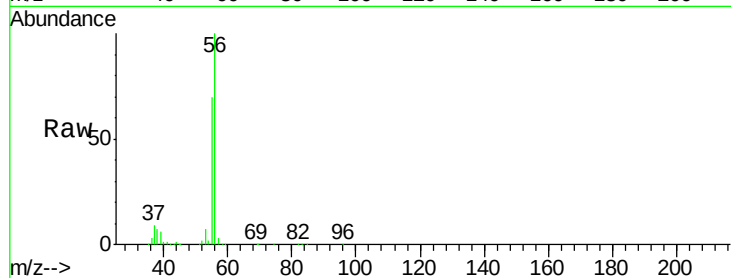
#13
Acrolein
Concen: 554.947 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.0	55.7	83.5

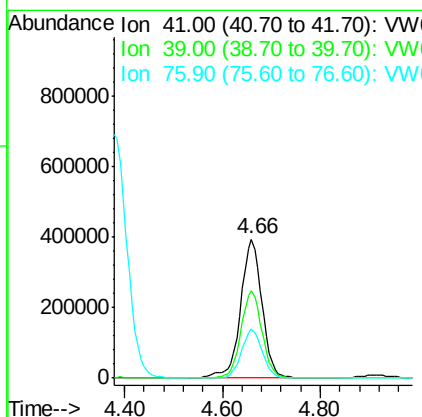
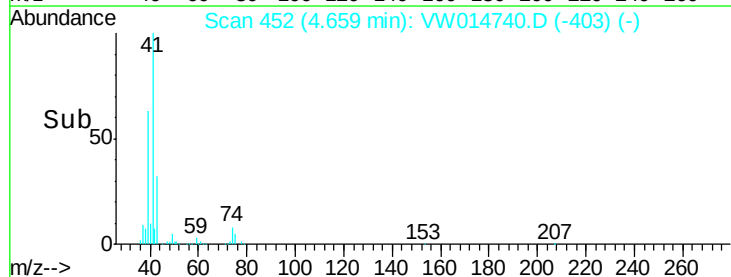
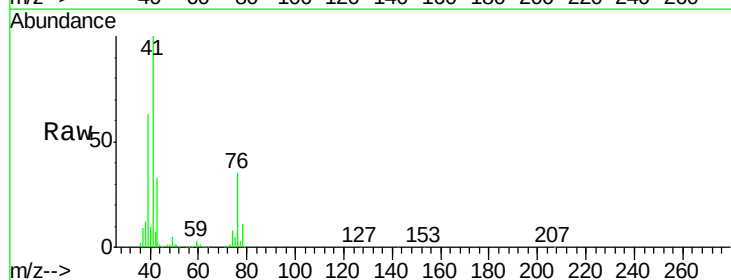
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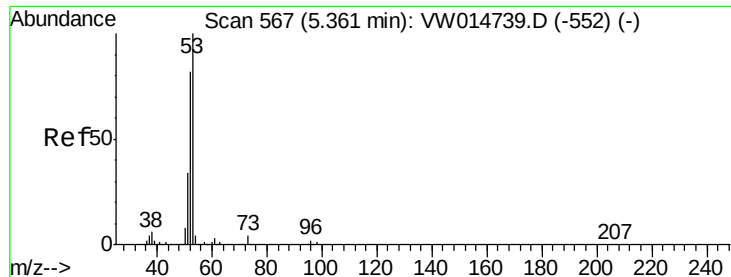
MMDadoda
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#14
Allyl chloride
Concen: 105.435 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.6	50.0	75.0
76	33.4	26.7	40.1





#15

Acrylonitrile

Concen: 515.194 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

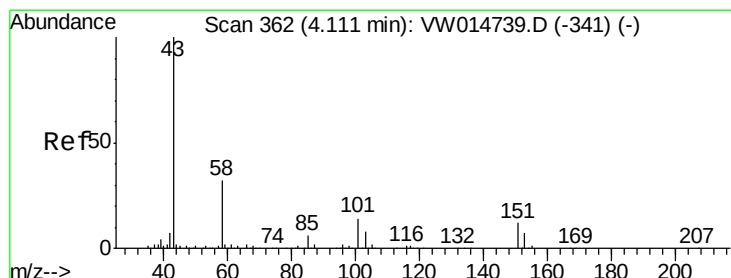
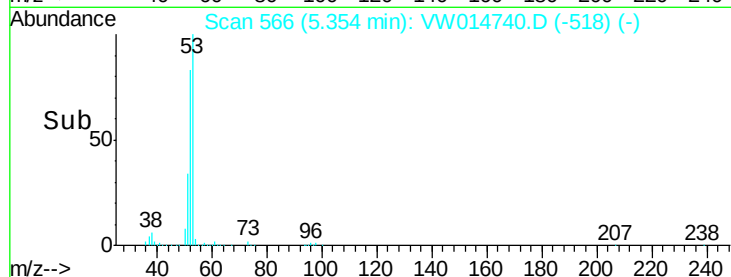
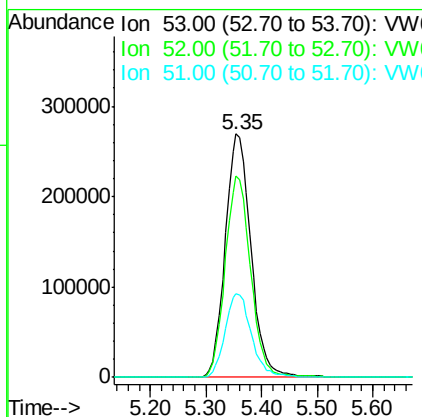
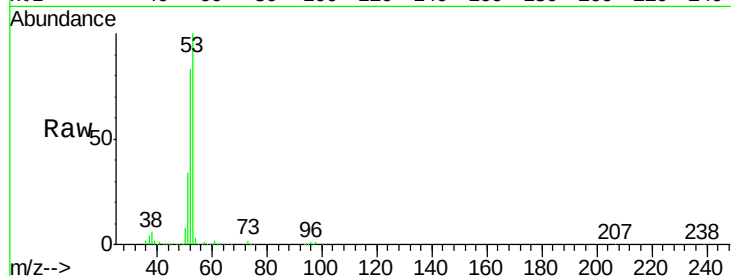
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	862004
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.0	99.0
51	35.4	28.6	43.0

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#16

Acetone

Concen: 450.806 ug/l

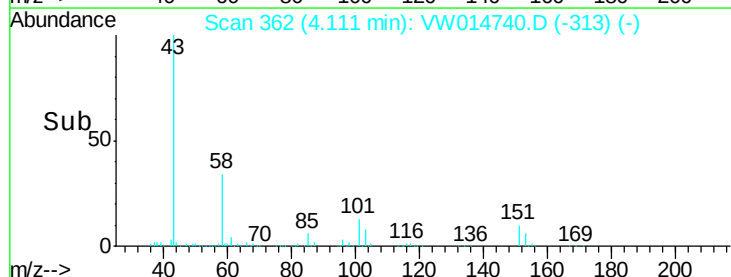
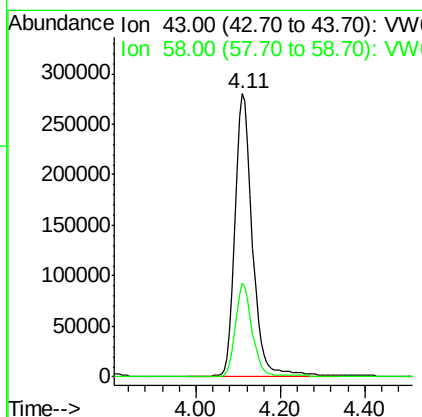
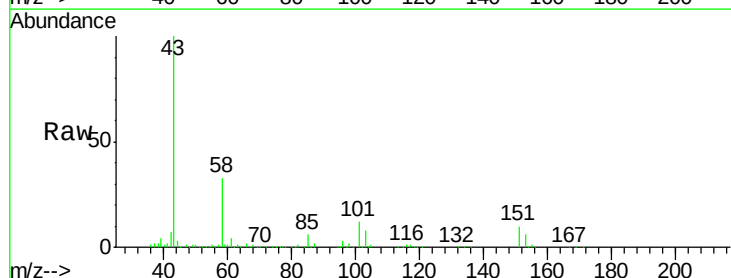
RT: 4.11 min Scan# 362

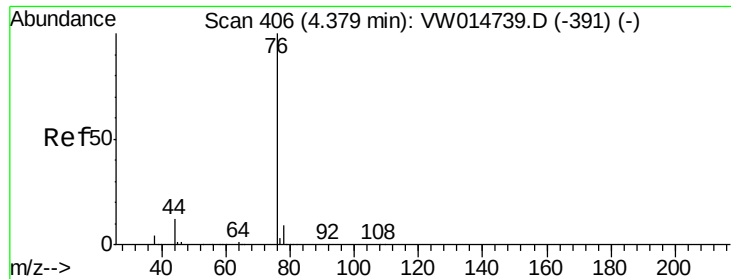
Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Tgt Ion:	43	Resp:	797536
Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.6	38.4





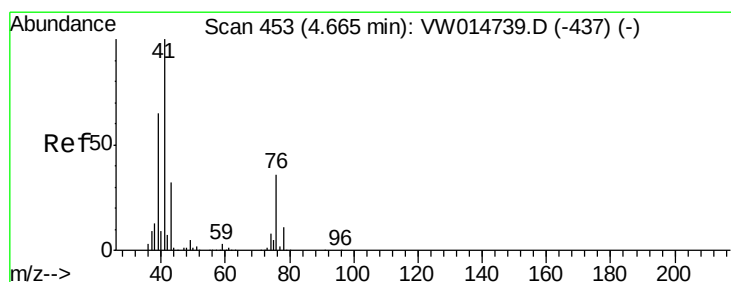
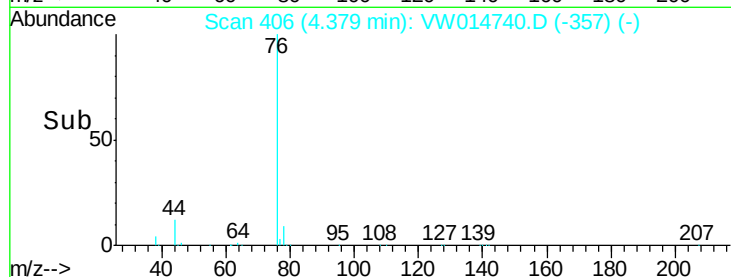
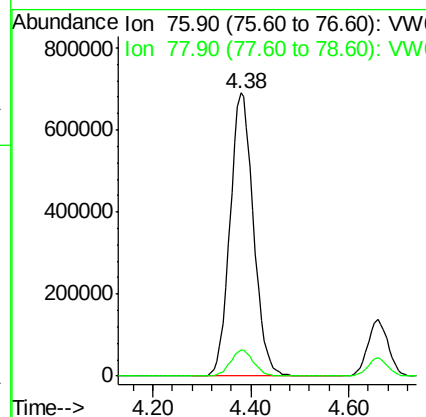
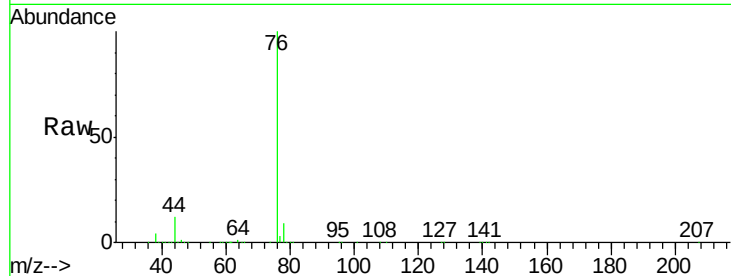
#17
Carbon Disulfide
Concen: 102.515 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 76 Resp: 2288928
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

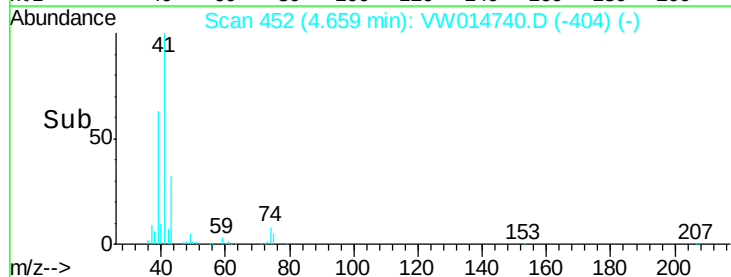
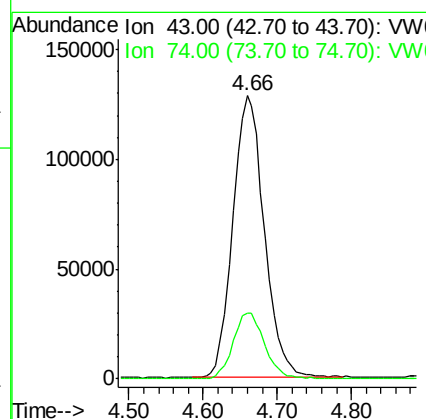
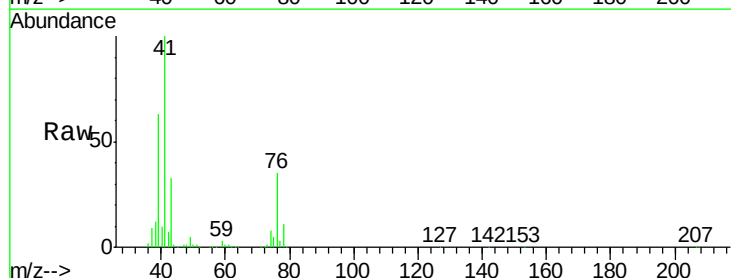
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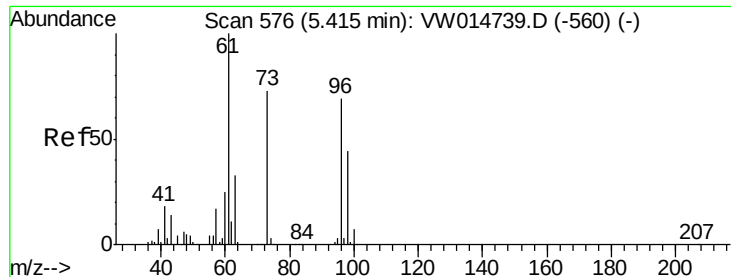
MMDadoda
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#18
Methyl Acetate
Concen: 90.252 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion: 43 Resp: 380761
Ion Ratio Lower Upper
43 100
74 23.4 18.4 27.6





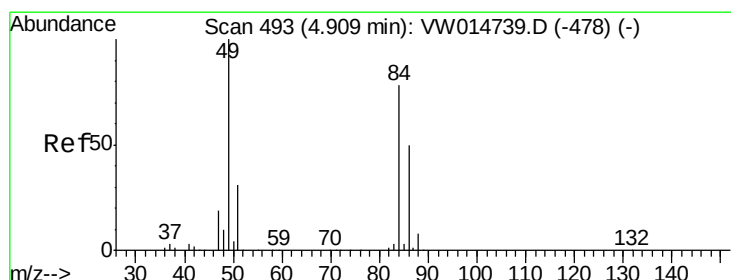
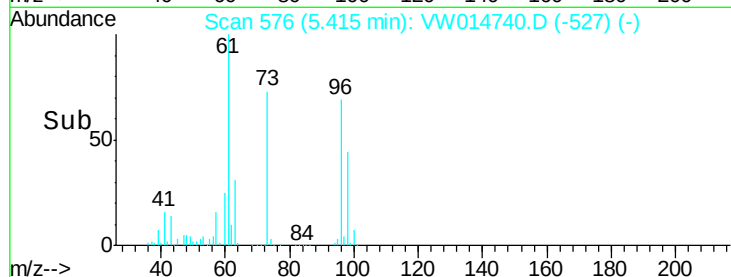
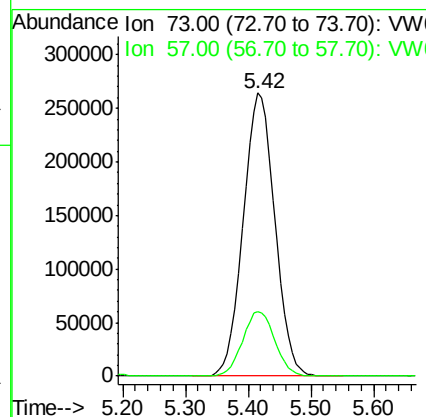
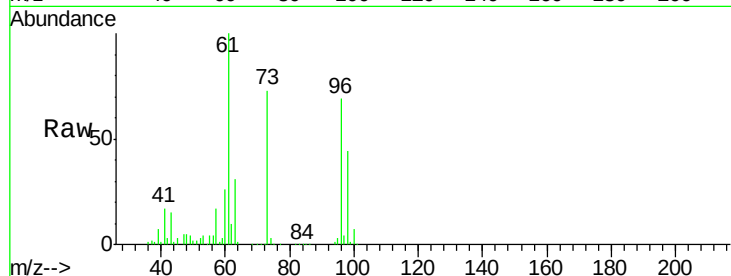
#19
Methyl tert-butyl Ether
Concen: 101.145 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 919814
Ion Ratio Lower Upper
73 100
57 22.8 18.5 27.7

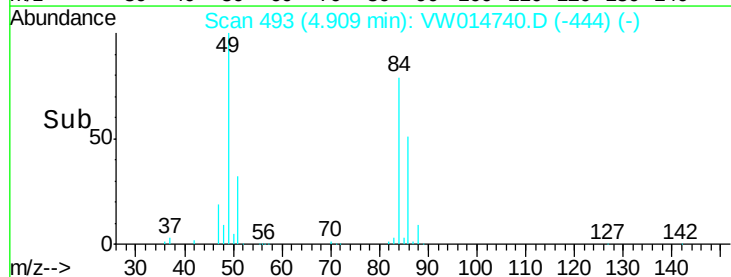
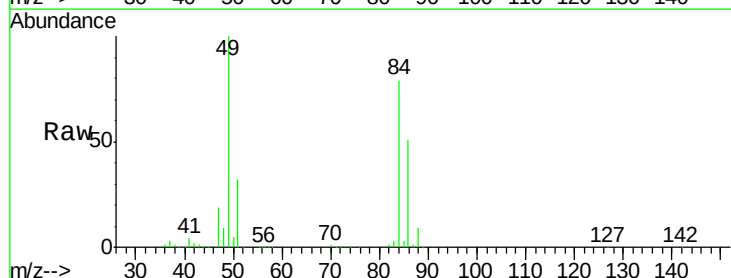
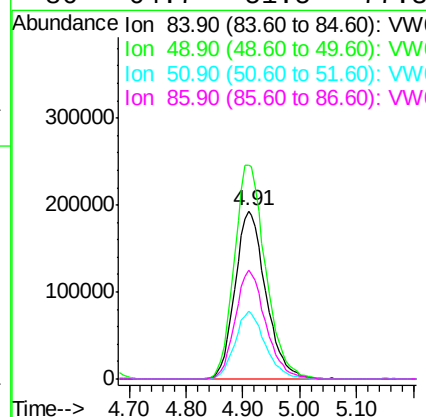
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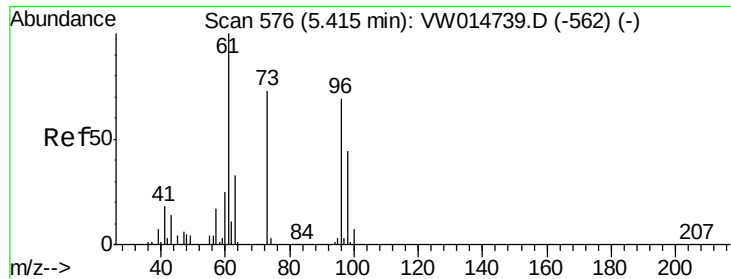
MMDadoda
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#20
Methylene Chloride
Concen: 86.231 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion: 84 Resp: 728275
Ion Ratio Lower Upper
84 100
49 126.9 103.1 154.7
51 40.1 32.1 48.1
86 64.7 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 95.940 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 747682

Ion Ratio Lower Upper

96 100

61 144.1 116.1 174.1

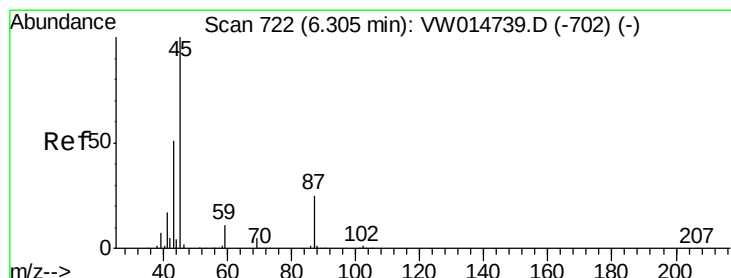
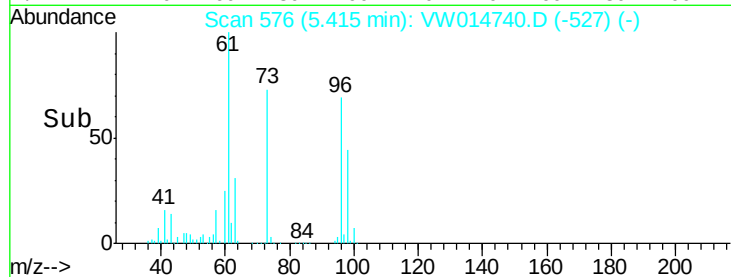
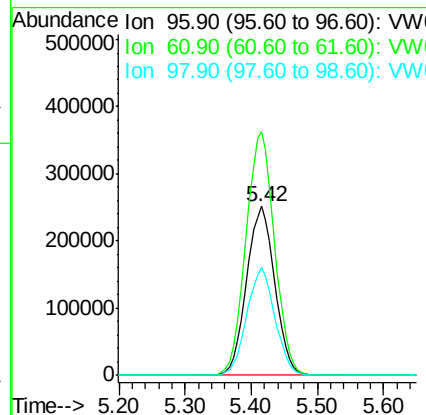
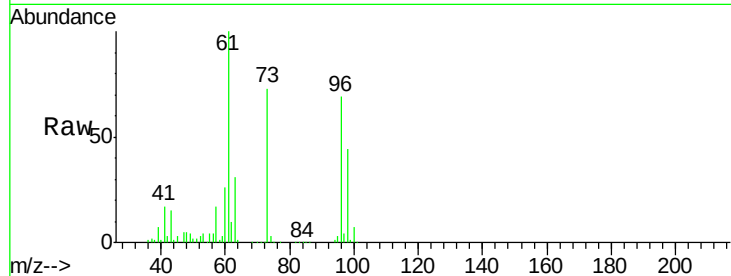
98 63.6 51.6 77.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 100.760 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Tgt Ion: 45 Resp: 2144392

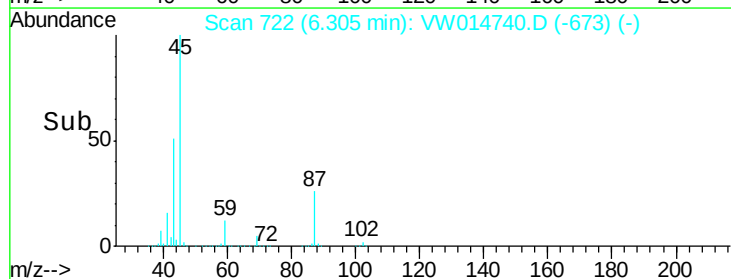
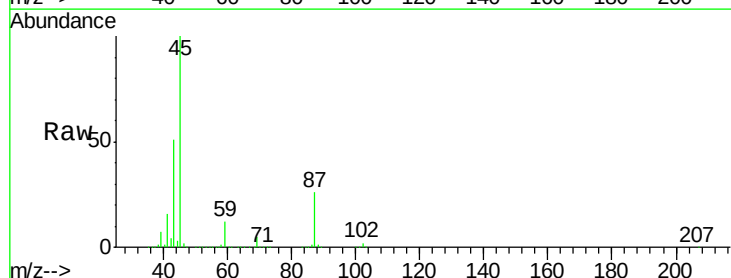
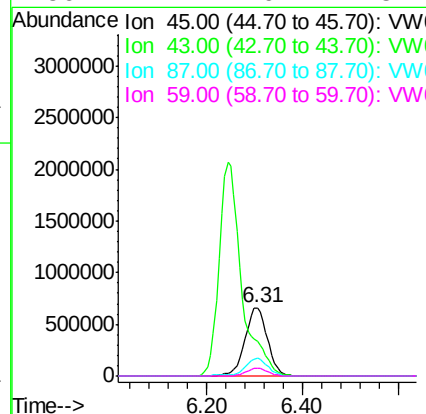
Ion Ratio Lower Upper

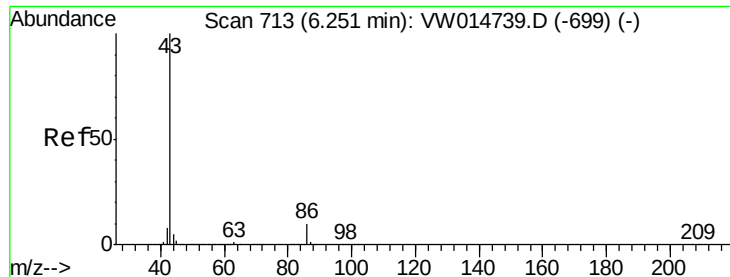
45 100

43 51.1 40.9 61.3

87 25.7 20.3 30.5

59 11.7 9.1 13.7





#23

Vinyl Acetate

Concen: 531.585 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 6740080

Ion Ratio Lower Upper

43 100

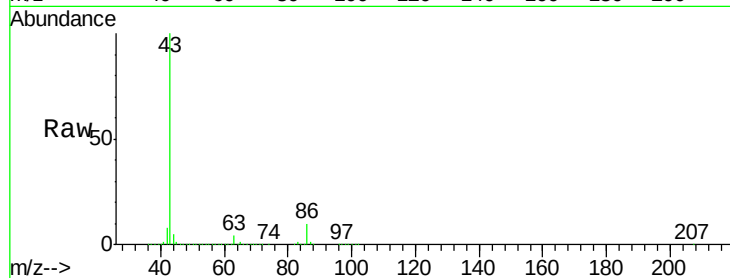
86 10.0 7.9 11.9

Manual Integrations

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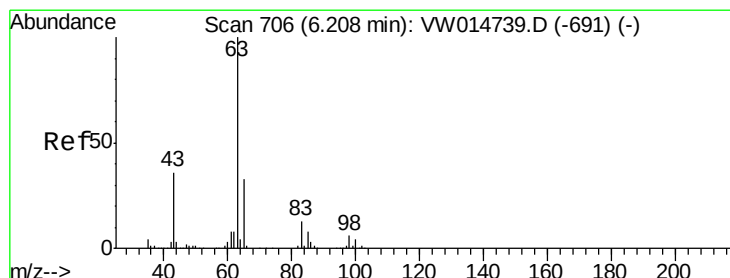
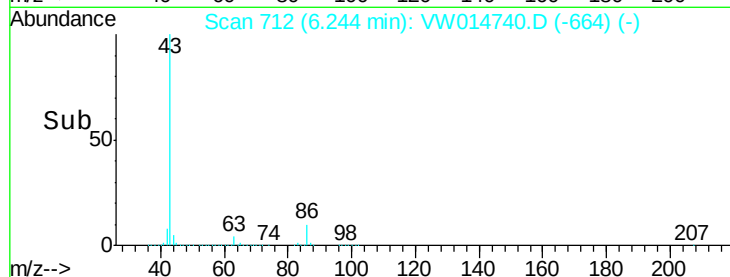
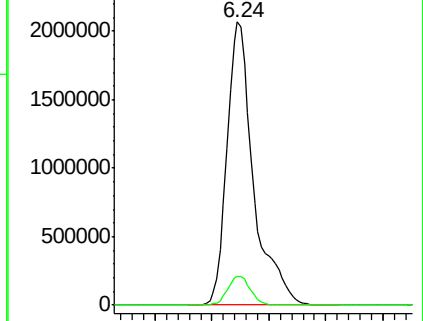
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 99.502 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

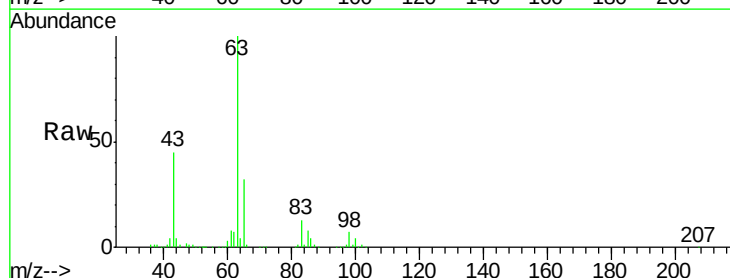
Tgt Ion: 63 Resp: 1327926

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

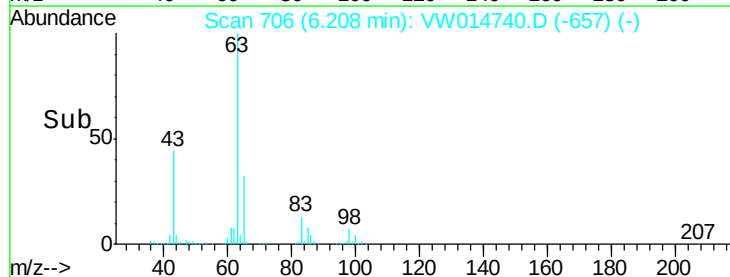
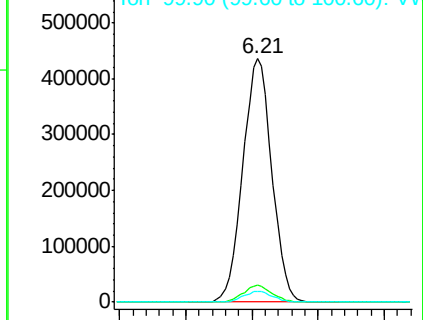
100 4.4 2.1 6.5

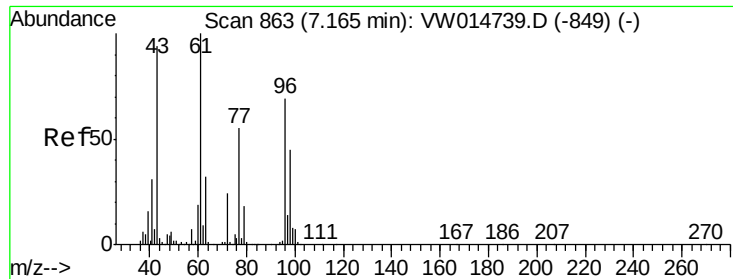


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 495.429 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1126212

Ion Ratio Lower Upper

43 100

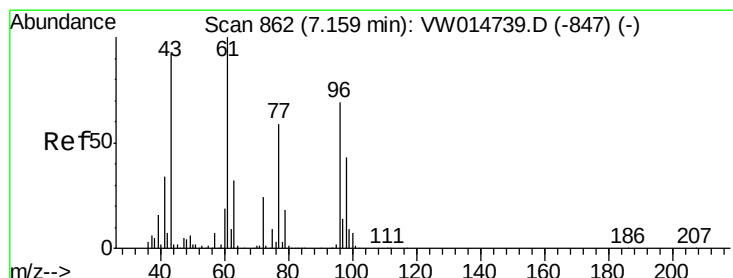
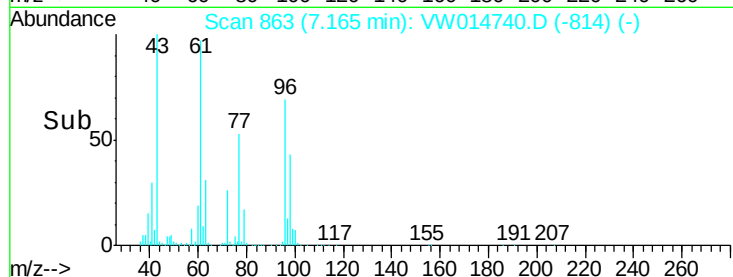
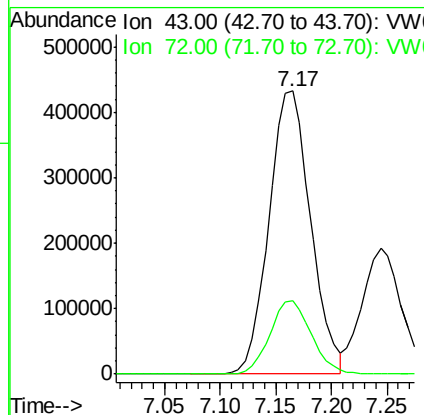
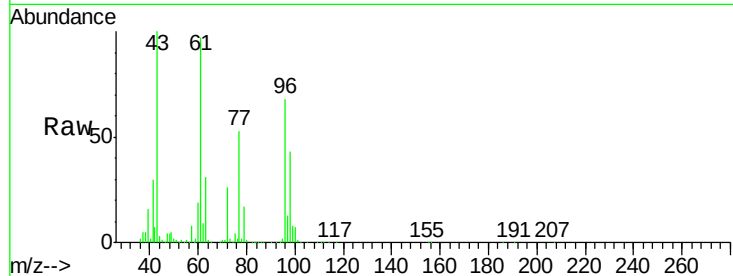
72 26.0 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 94.038 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW014740.D

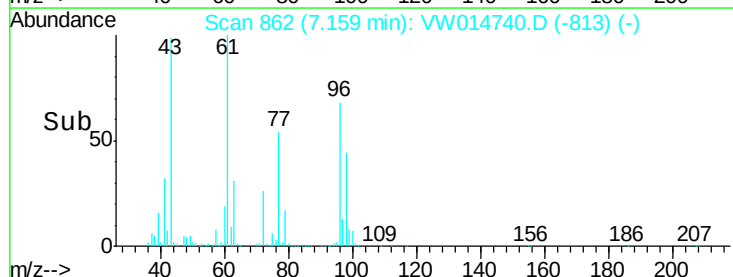
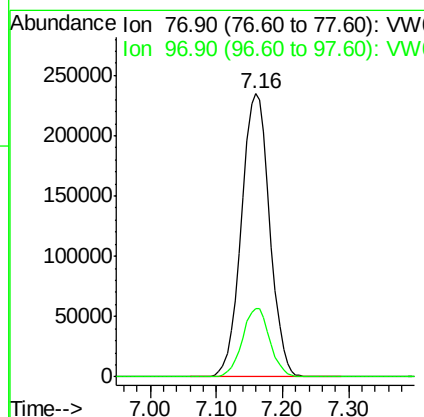
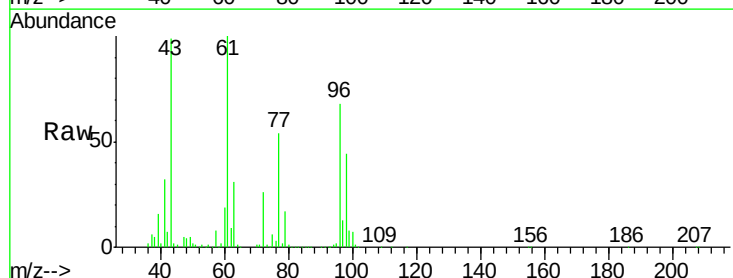
Acq: 24 Jan 2020 12:18

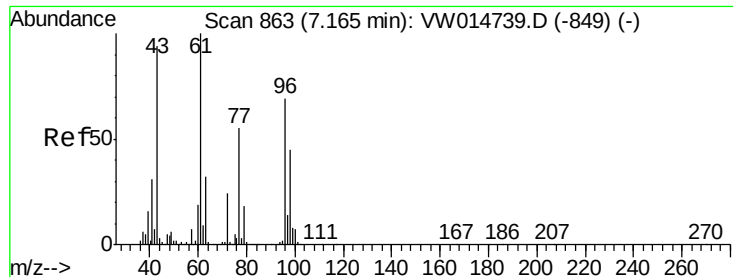
Tgt Ion: 77 Resp: 695418

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.9





#27

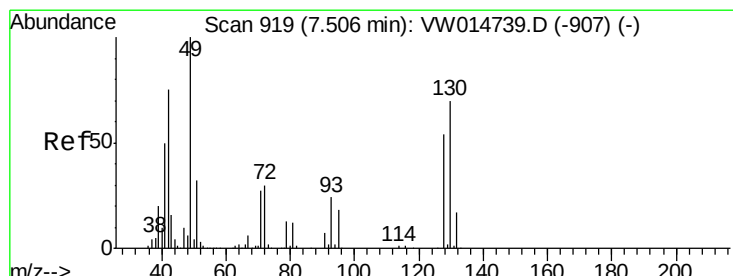
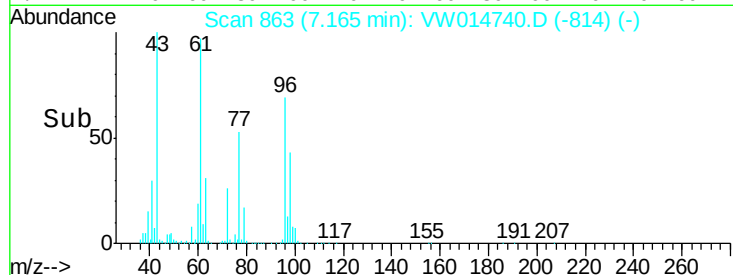
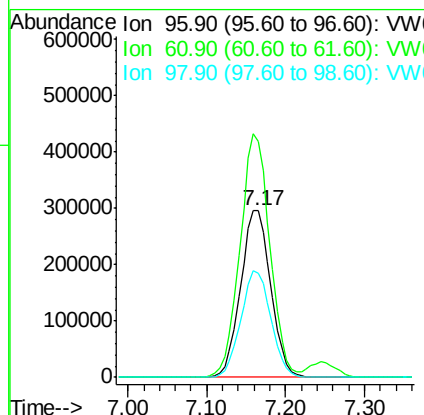
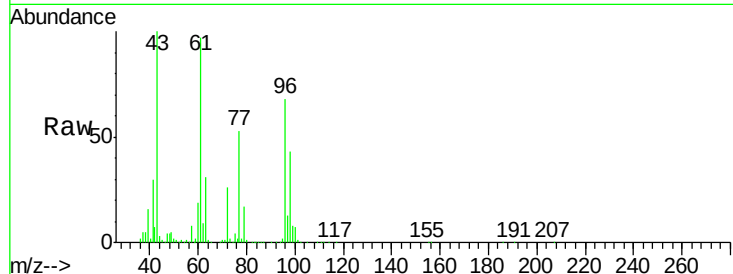
cis-1,2-Dichloroethene
 Concen: 95.955 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	292.2
98	63.9	0.0	127.6

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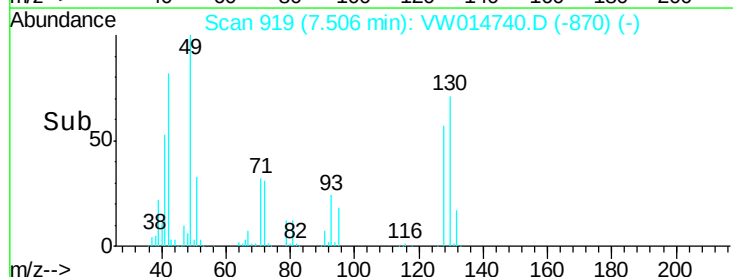
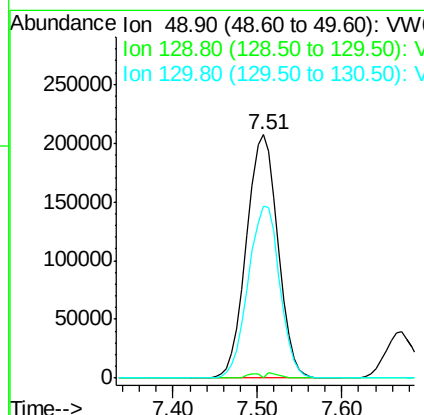
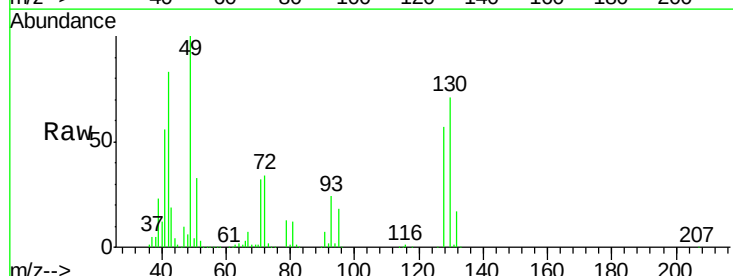
MMDadoda
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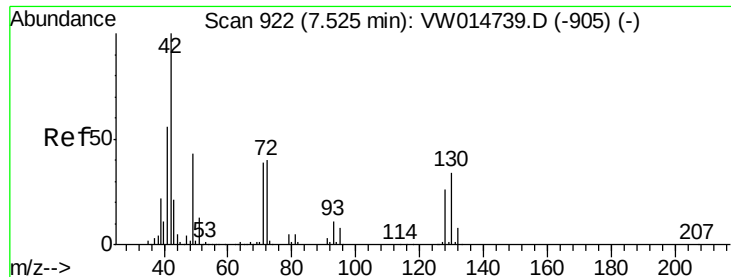


#28

Bromochloromethane
 Concen: 101.057 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	2.6
130	71.0	56.7	85.1





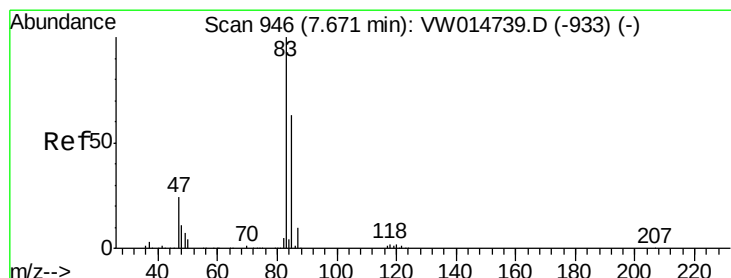
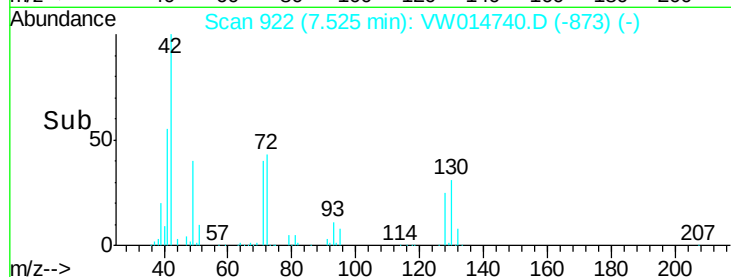
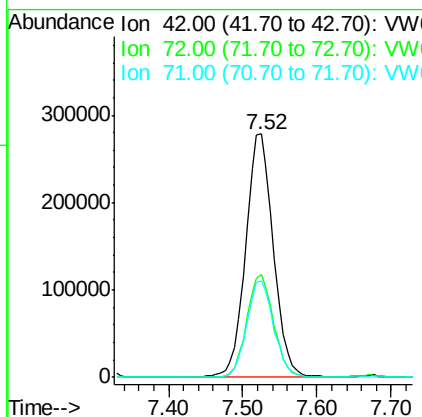
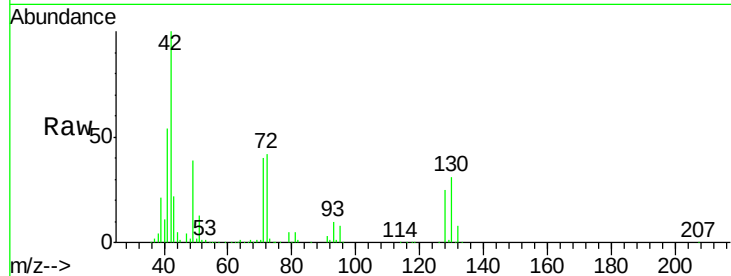
#29
Tetrahydrofuran
Concen: 511.451 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	32.3	48.5
71	39.0	31.0	46.4

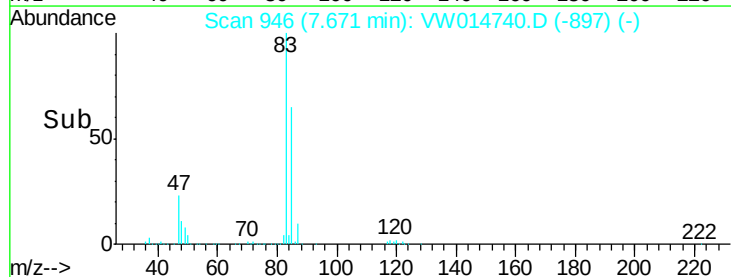
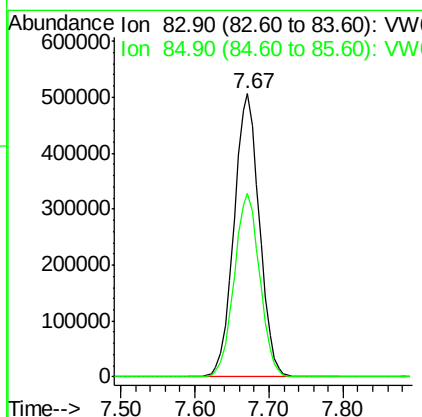
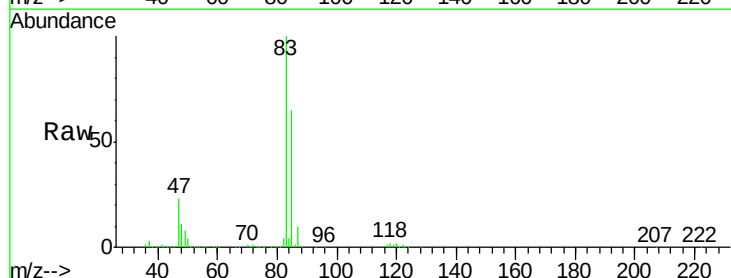
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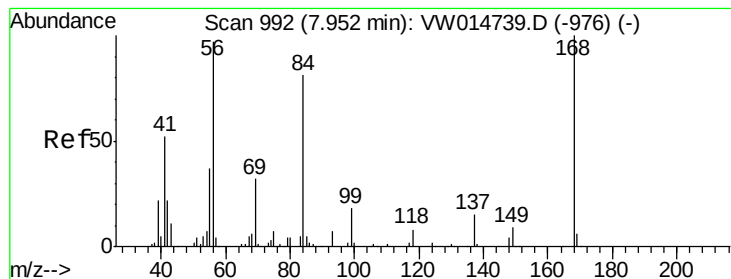
MMDadoda
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#30
Chloroform
Concen: 96.923 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.1	75.1





#31

Cyclohexane

Concen: 95.228 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 1317411

Ion Ratio Lower Upper

56 100

69 31.8 26.0 39.0

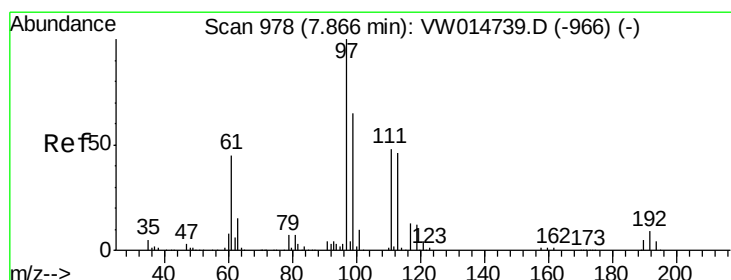
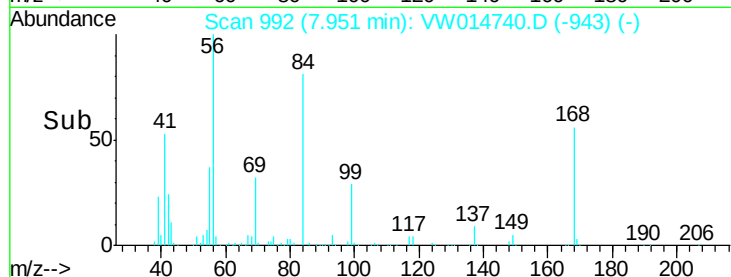
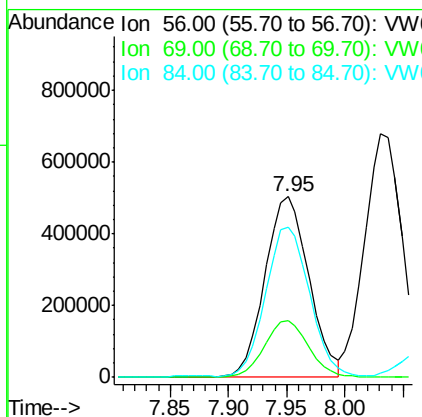
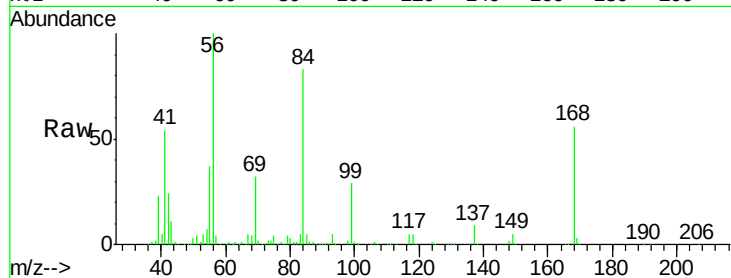
84 82.3 66.6 99.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 98.443 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

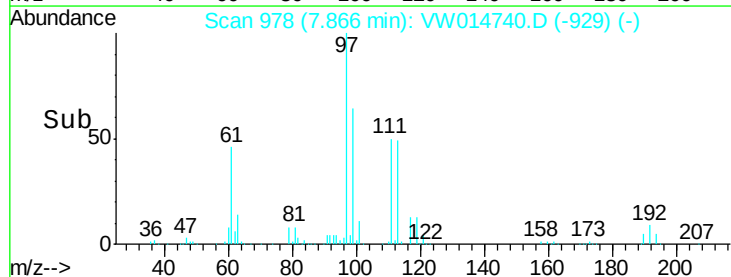
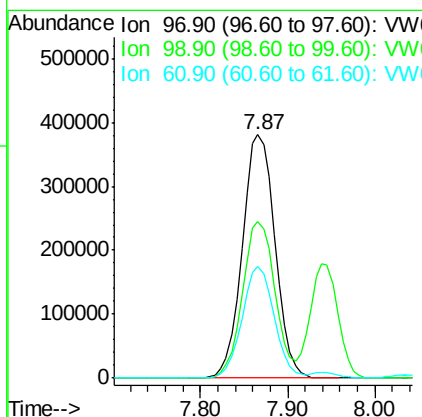
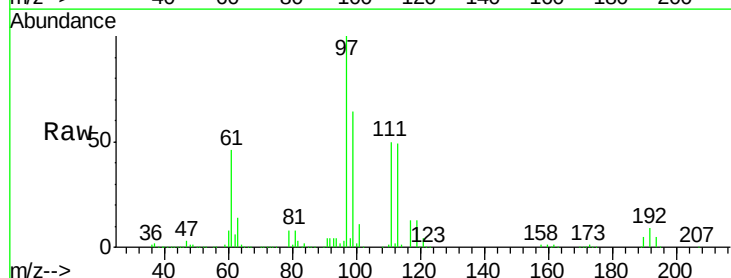
Tgt Ion: 97 Resp: 985520

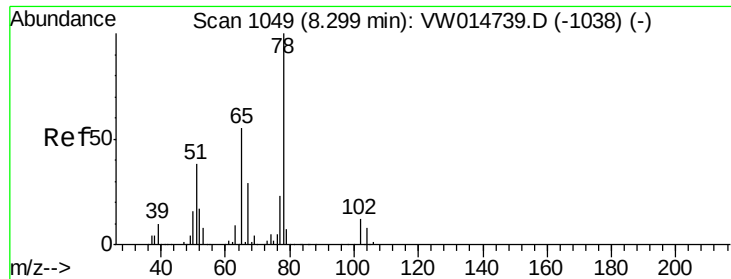
Ion Ratio Lower Upper

97 100

99 64.5 52.2 78.4

61 45.1 36.2 54.4





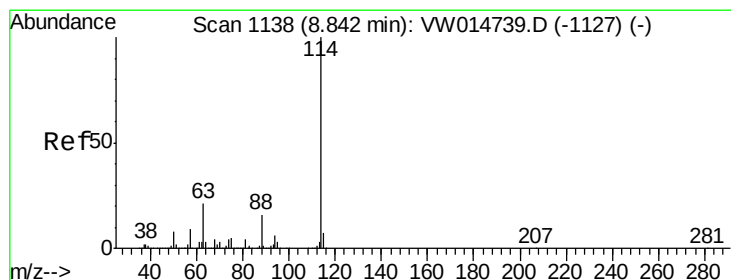
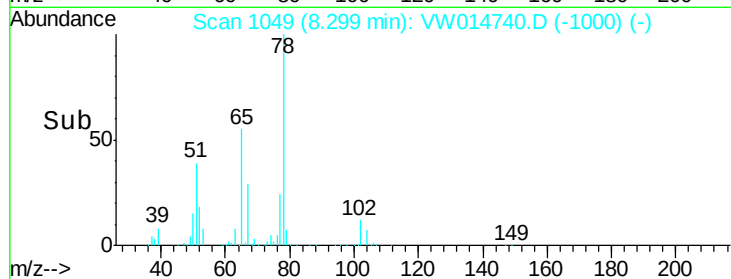
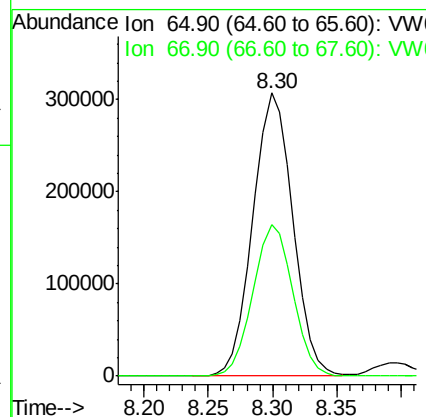
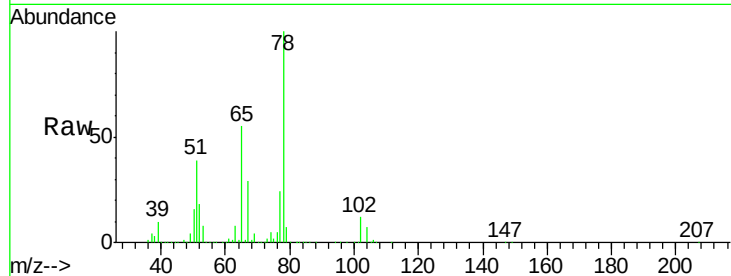
#33
 1,2-Dichloroethane-d4
 Concen: 101.730 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	659596		
67	53.5	0.0	106.0	

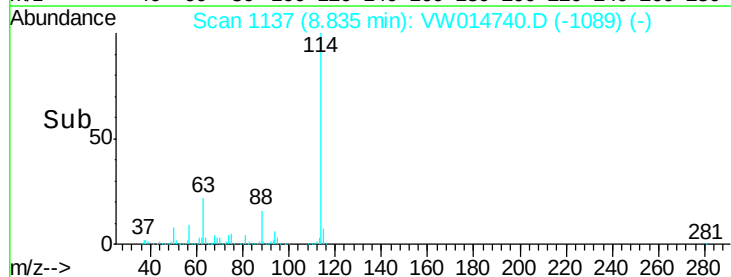
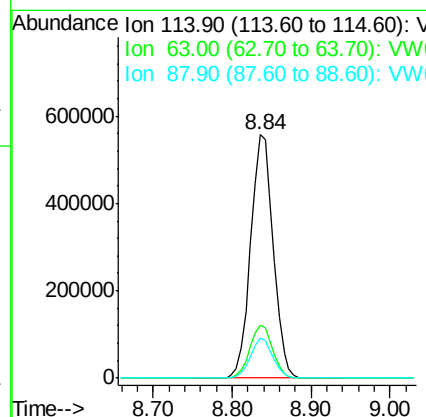
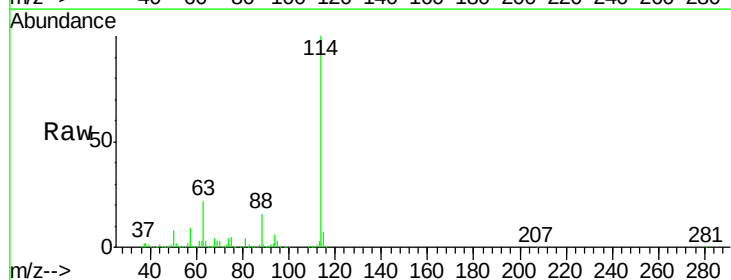
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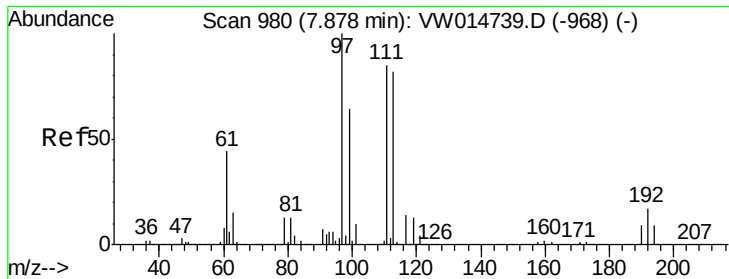
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1104347		
63	21.7	0.0	41.2	
88	16.3	0.0	32.2	





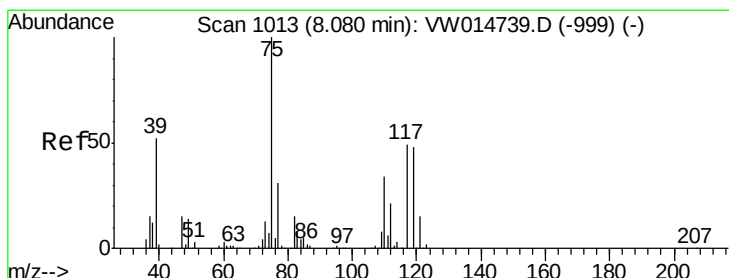
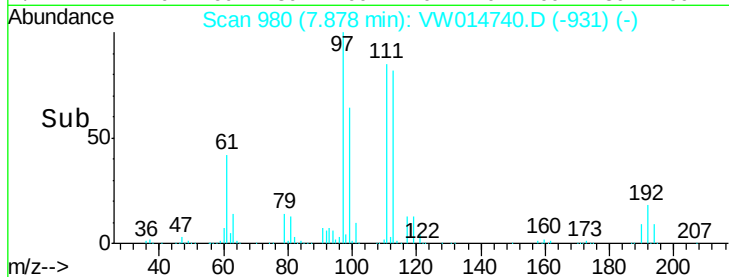
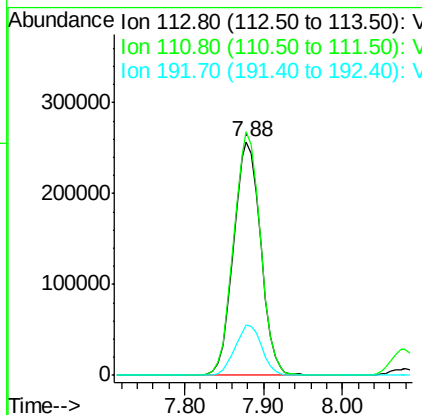
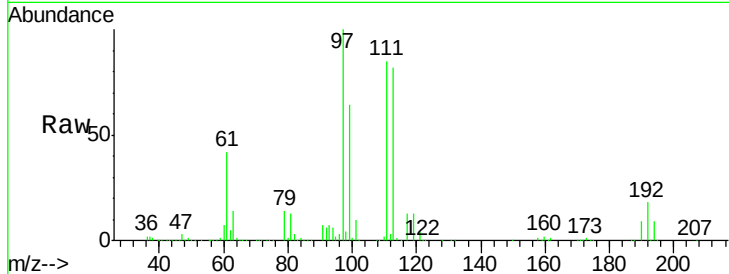
#35
 Dibromofluoromethane
 Concen: 96.412 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	614175		
111	102.9	82.2	123.2	
192	21.3	17.0	25.6	

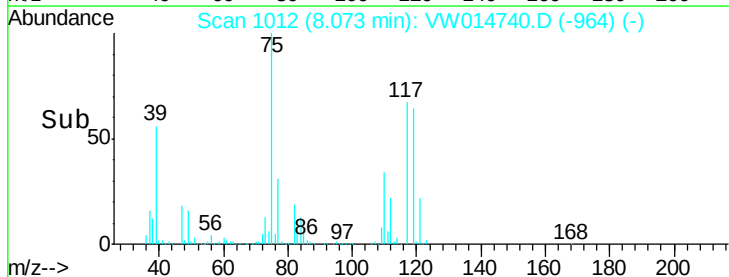
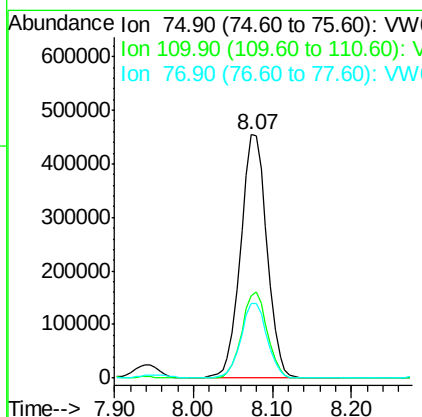
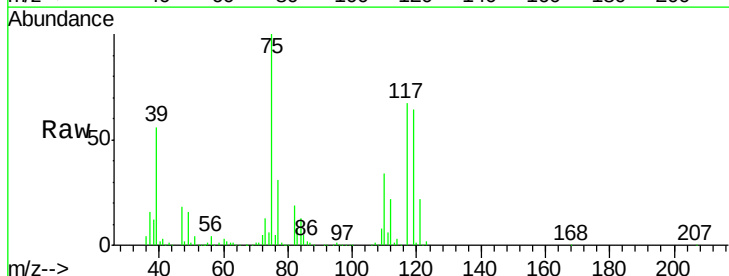
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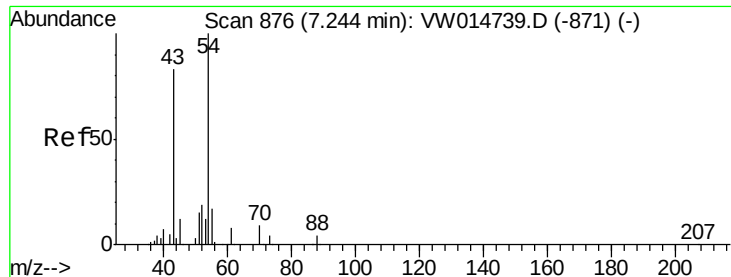
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#36
 1,1-Dichloropropene
 Concen: 97.390 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	1052281		
110	34.2	17.1	51.2	
77	30.7	24.8	37.2	





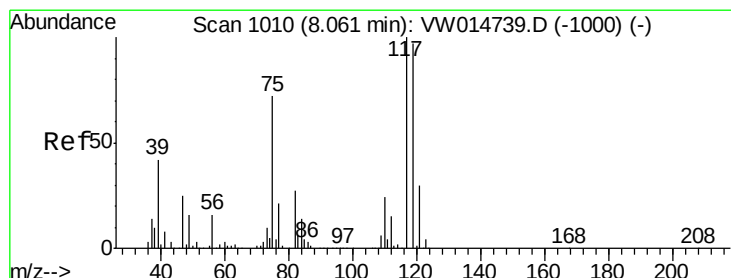
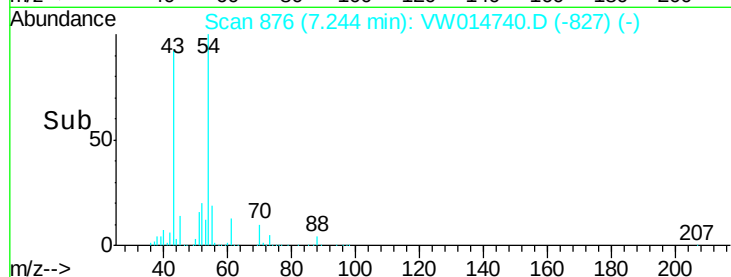
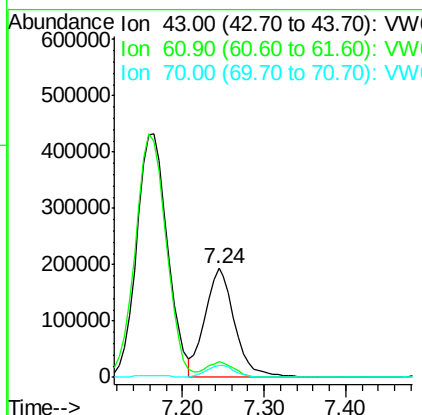
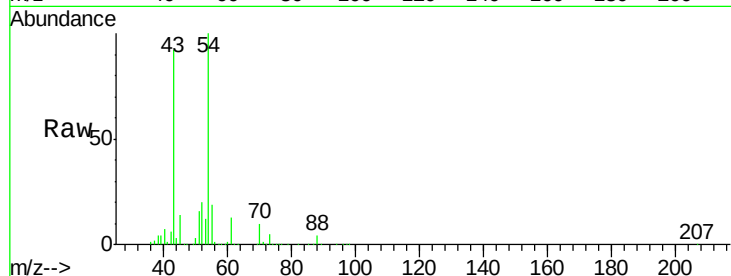
#37
Ethyl Acetate
Concen: 102.515 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.7	16.1
70	10.5	8.5	12.7

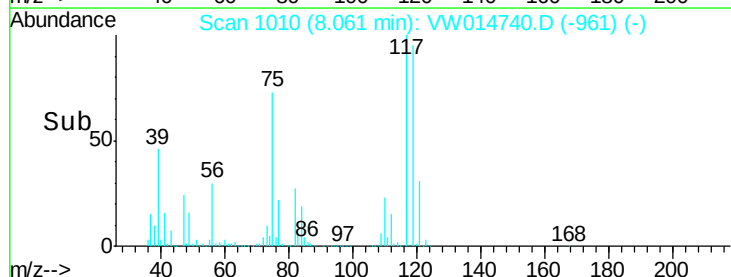
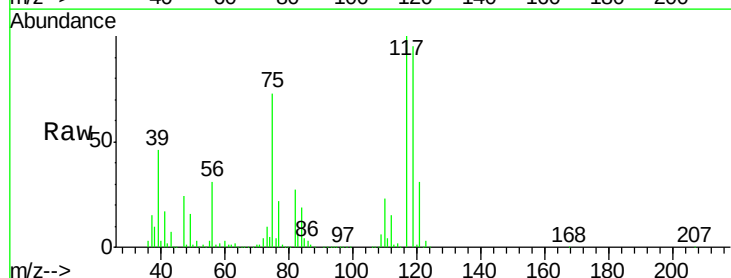
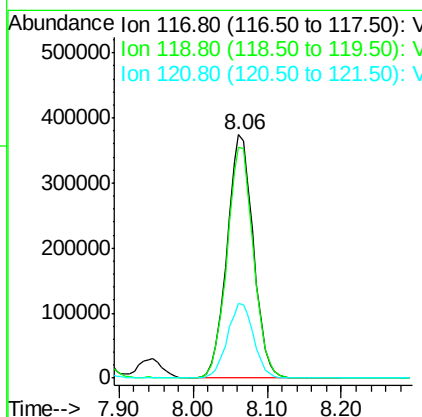
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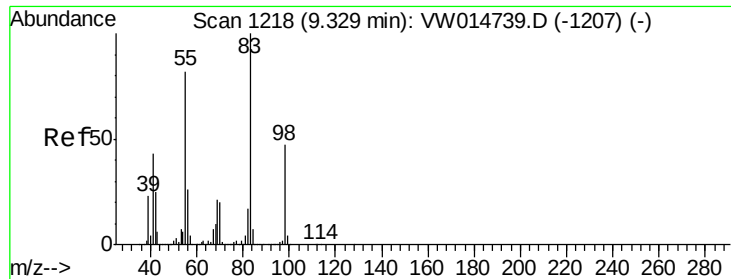
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#38
Carbon Tetrachloride
Concen: 98.362 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.5	116.3
121	30.5	24.3	36.5





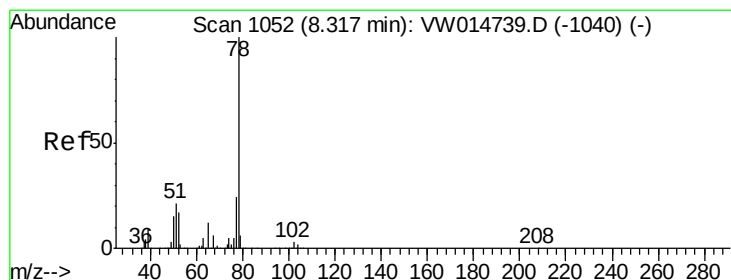
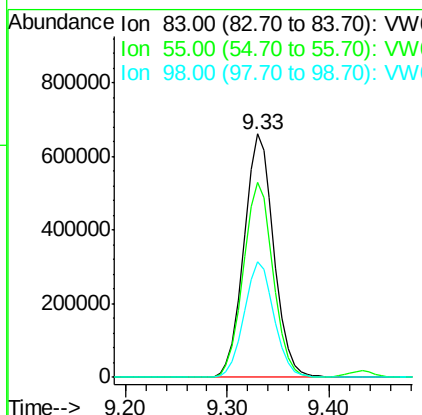
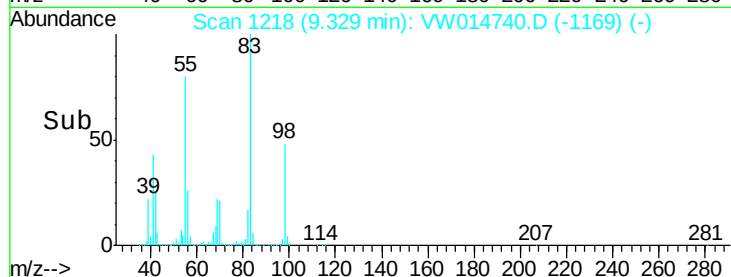
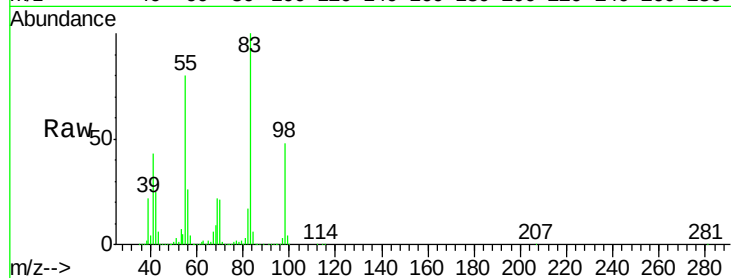
#39
Methylvlcyclohexane
Concen: 97.662 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	83	Resp	1343232
Ion	Ratio	Lower	Upper
83	100		
55	80.1	65.2	97.8
98	47.6	37.6	56.4

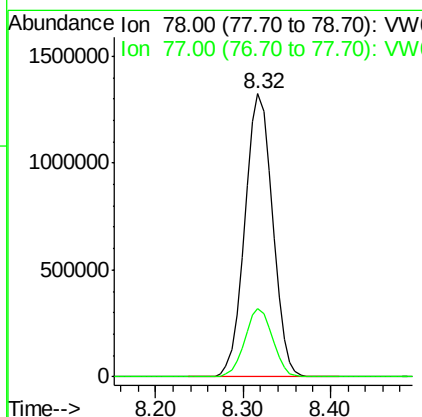
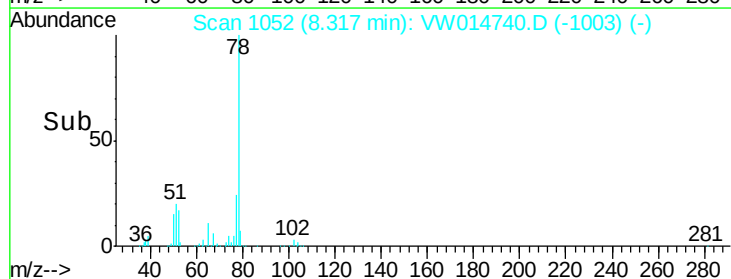
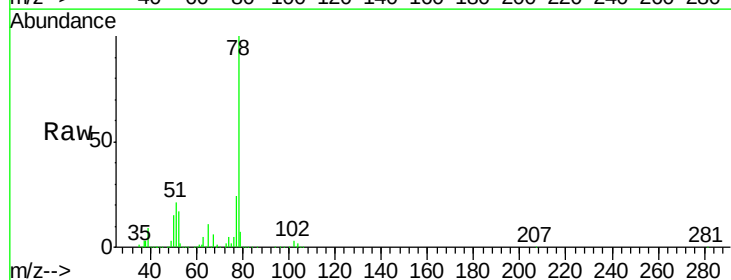
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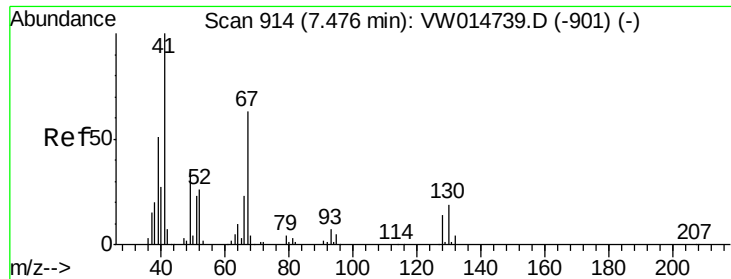
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#40
Benzene
Concen: 95.649 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion	78	Resp	2922005
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





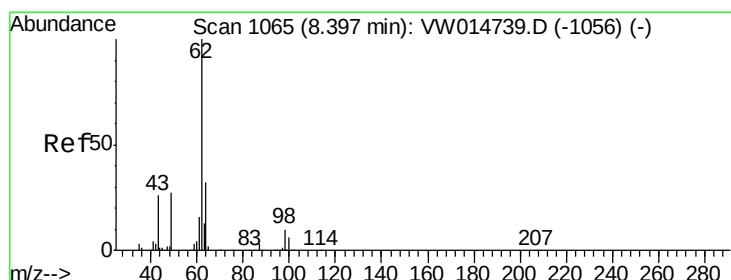
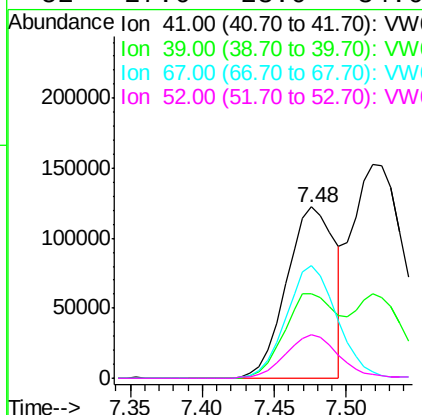
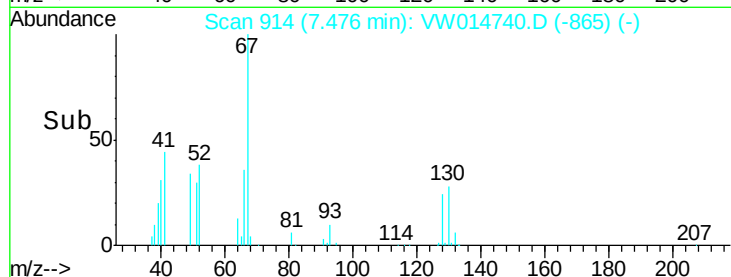
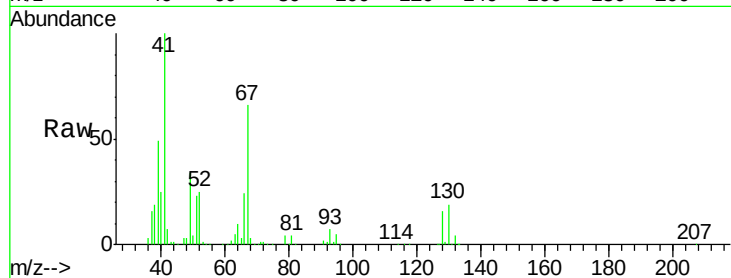
#41
Methacrylonitrile
Concen: 107.072 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		287040		
39	56.4	45.3	67.9		
67	68.8	57.0	85.4		
52	27.6	23.0	34.6		

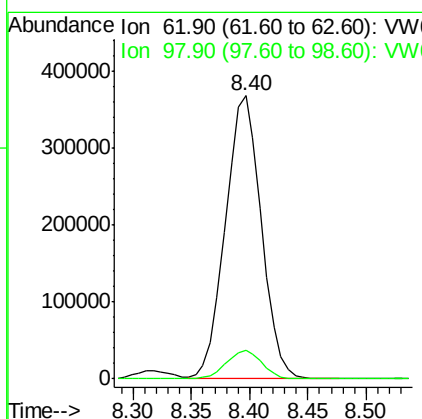
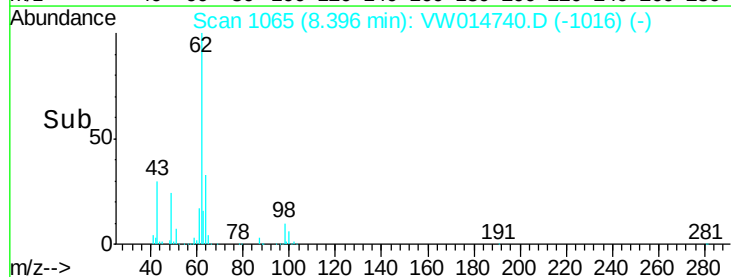
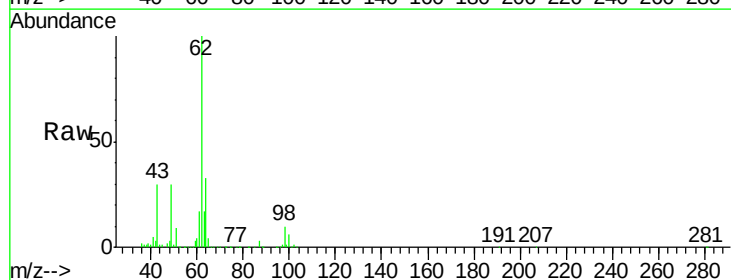
Manual Integrations
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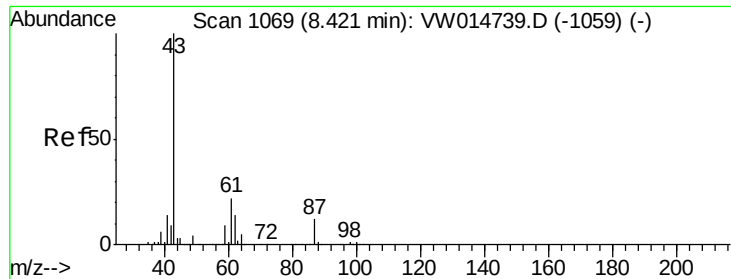
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#42
1,2-Dichloroethane
Concen: 98.982 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		787181		
98	10.1	0.0	19.6		





#43

Isopropyl Acetate

Concen: 103.699 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

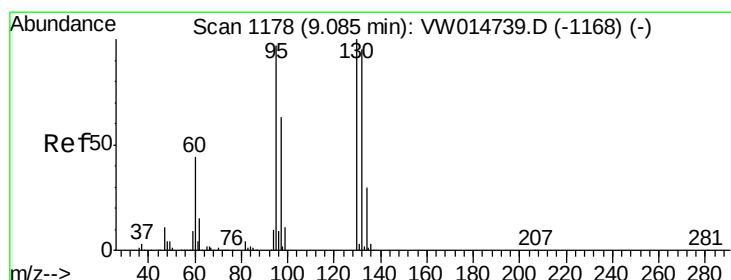
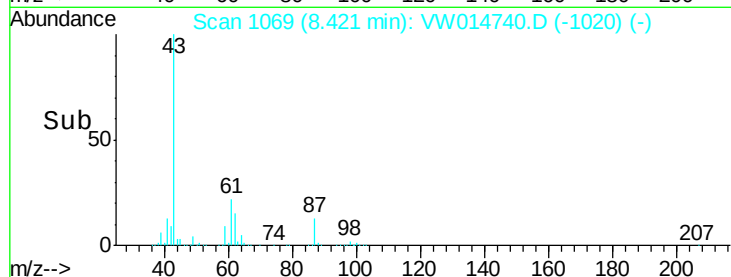
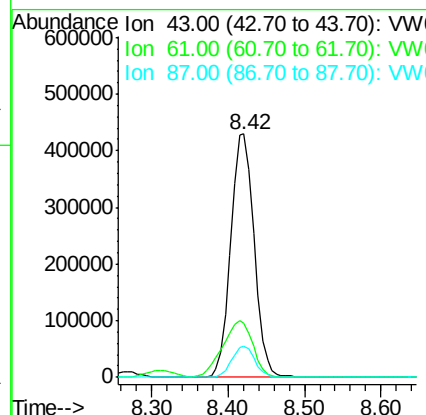
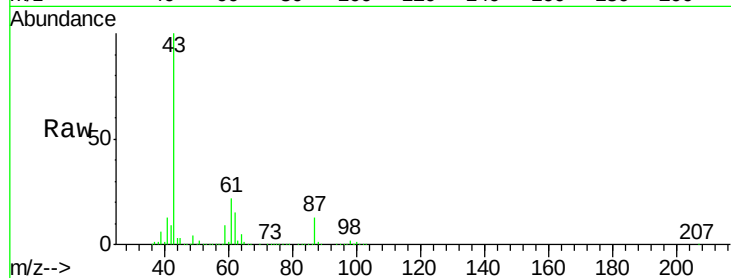
ClientSampleId :

VSTDICC100

Tot Ion:	43	Resp:	906515
Ion	Ratio	Lower	Upper
43	100		
61	30.0	24.4	36.6
87	12.6	9.8	14.6

Manual Integrations
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#44

Trichloroethene

Concen: 93.248 ug/l

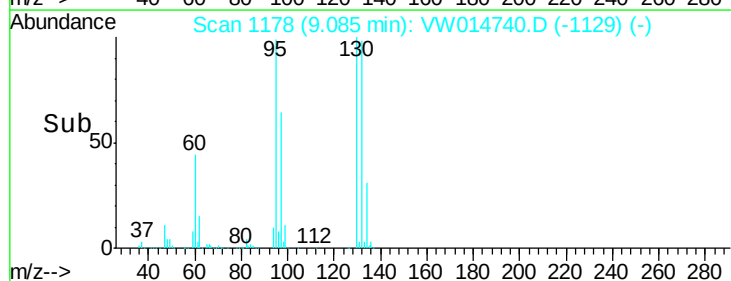
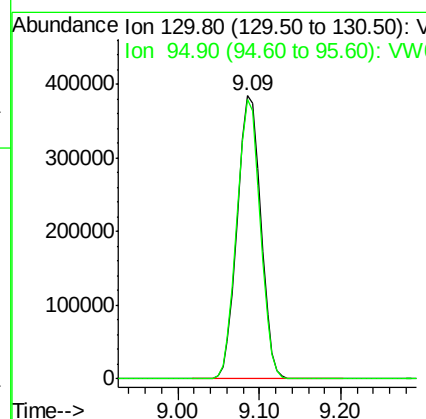
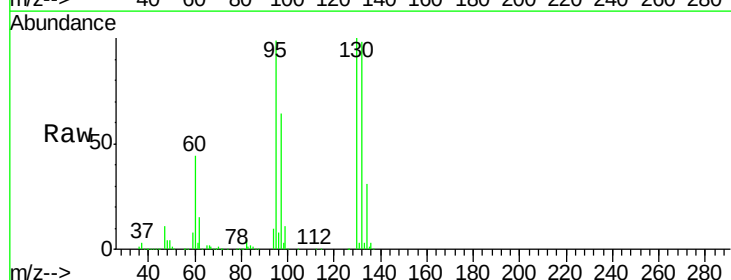
RT: 9.09 min Scan# 1178

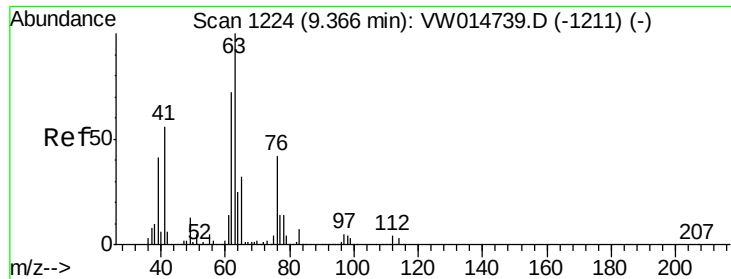
Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Tgt Ion:	130	Resp:	764181
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	193.2





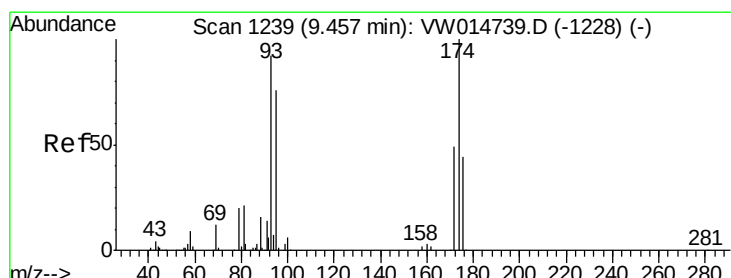
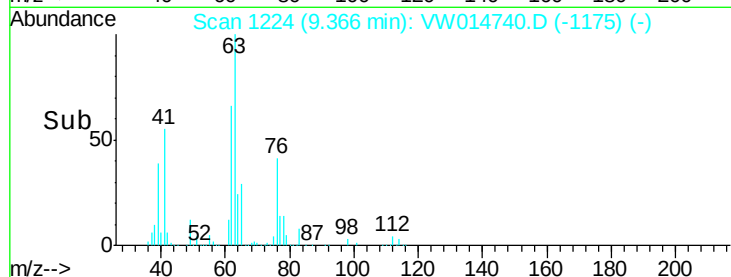
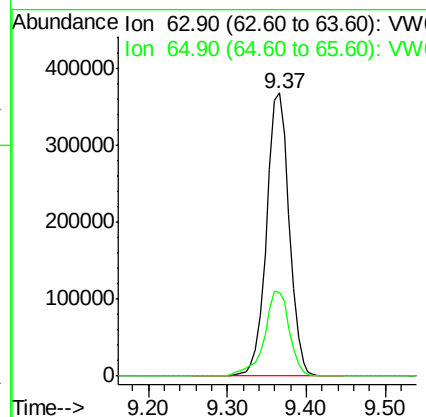
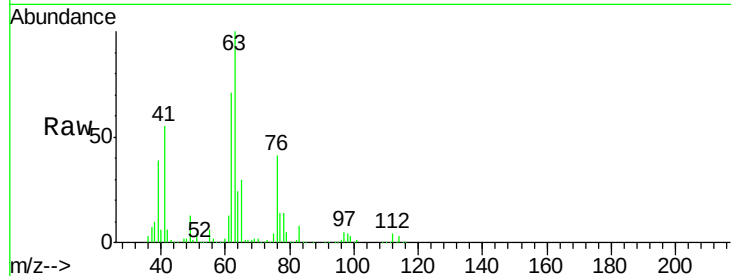
#45
 1,2-Dichloropropane
 Concen: 98.080 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	25.3	37.9

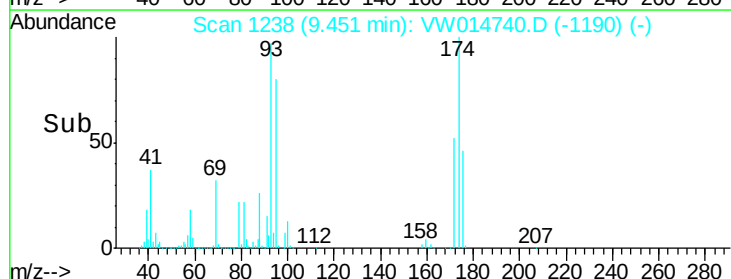
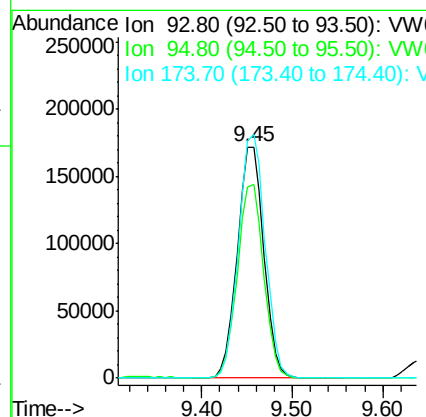
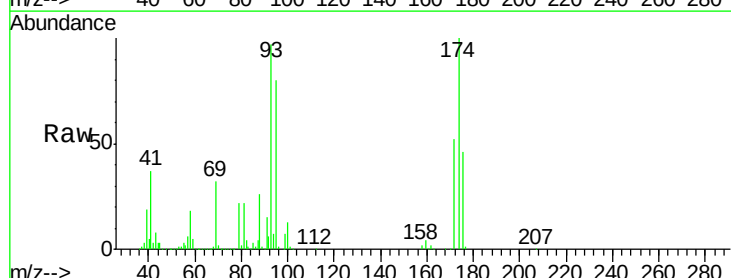
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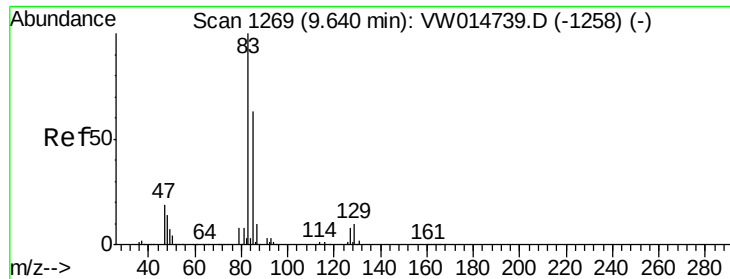
MMDadoda
 1/27/2020 12:04:46 PM



#46
 Dibromomethane
 Concen: 95.436 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.4	98.2
174	105.6	84.2	126.2





#47

Bromodichloromethane

Concen: 99.195 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

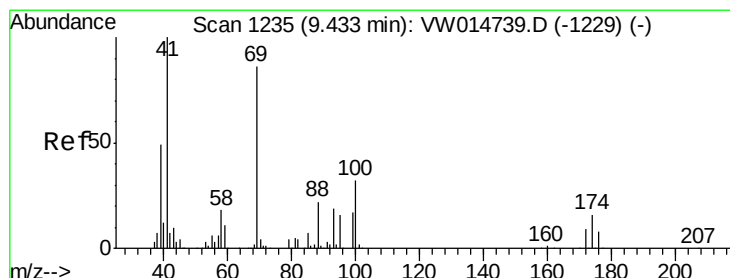
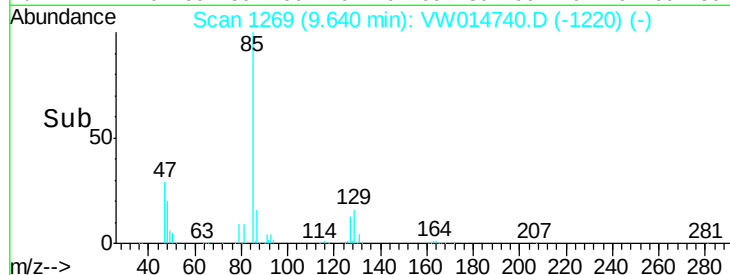
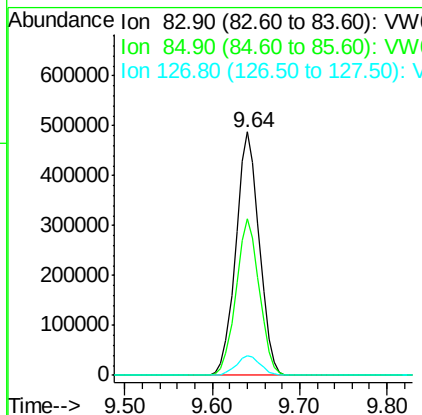
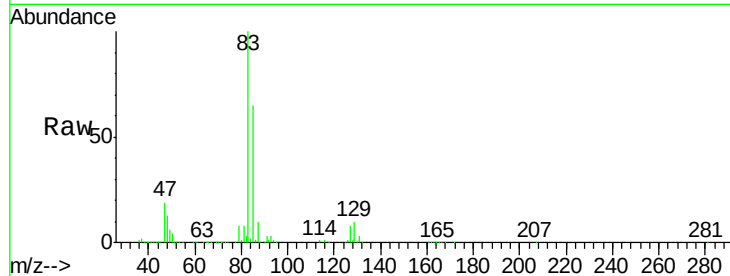
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	906284
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.1	75.1
127	8.1	6.5	9.7

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#48

Methyl methacrylate

Concen: 108.195 ug/l

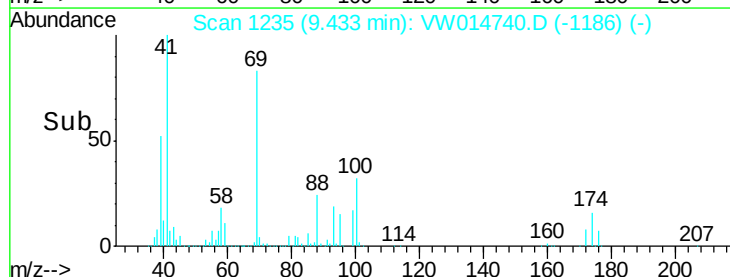
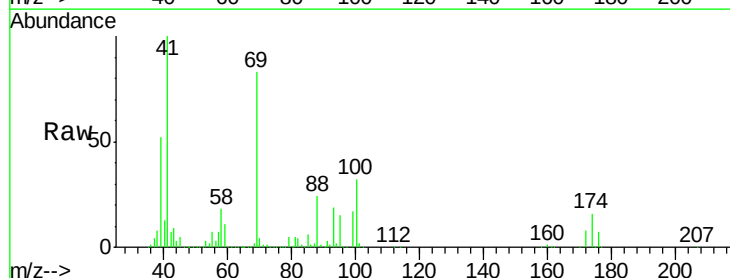
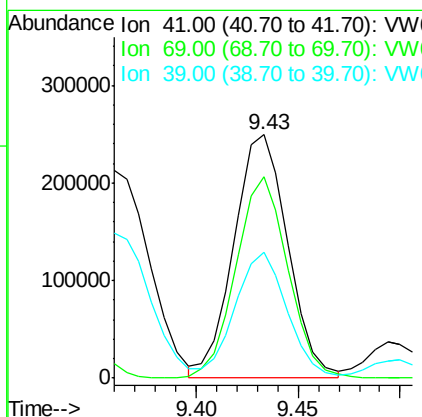
RT: 9.43 min Scan# 1235

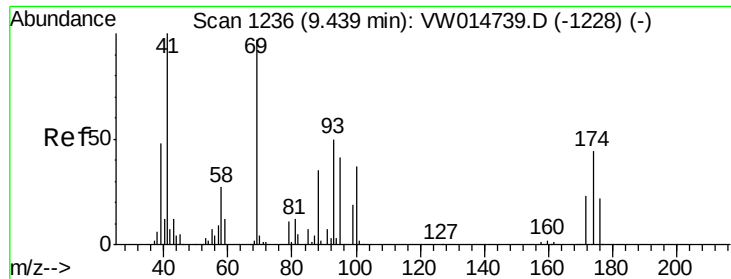
Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Tgt Ion:	41	Resp:	457017
Ion	Ratio	Lower	Upper
41	100		
69	80.3	69.6	104.4
39	47.0	40.2	60.4





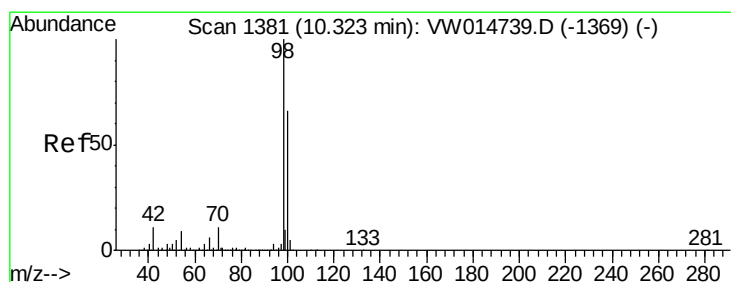
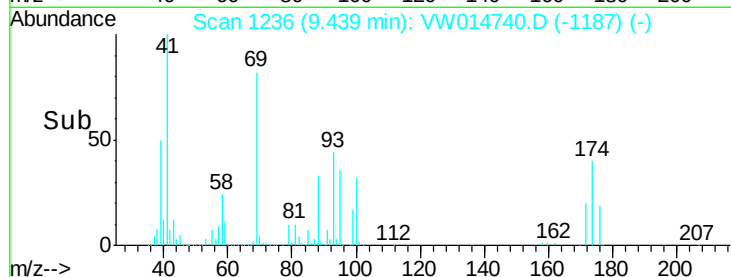
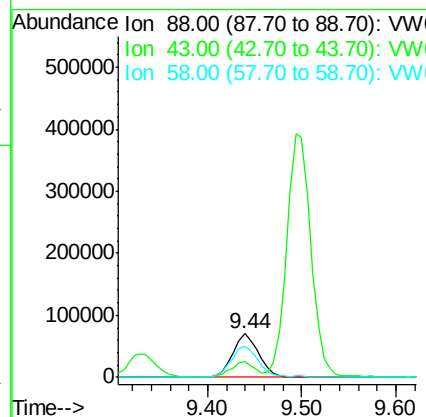
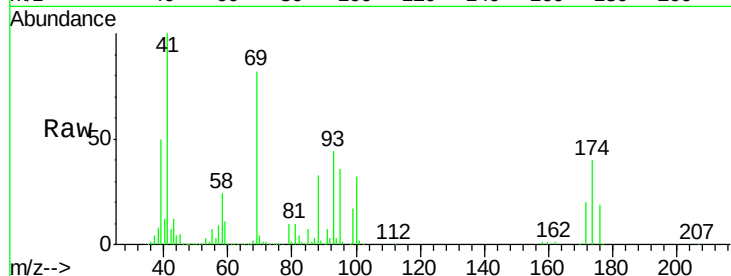
#49
1,4-Dioxane
Concen: 2028.310 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
88	100	135593		
43	32.1		27.1	40.7
58	72.8		58.7	88.1

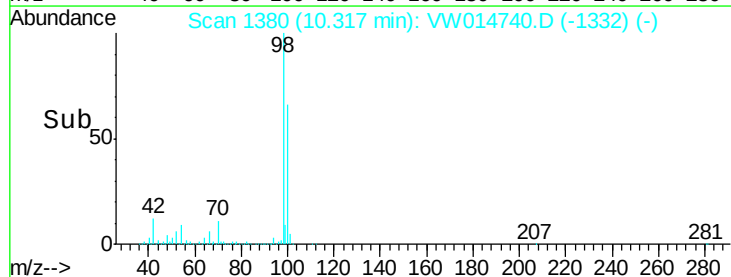
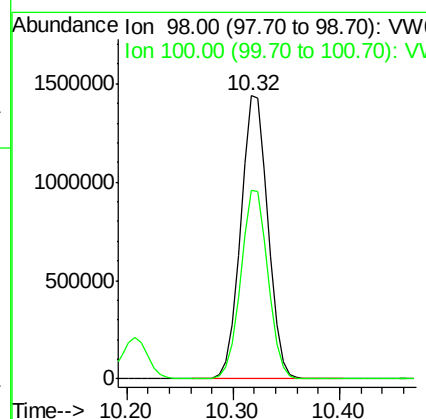
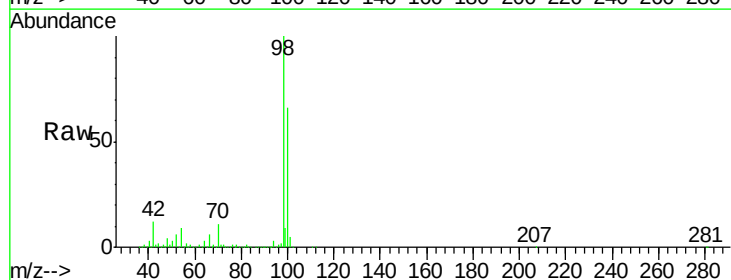
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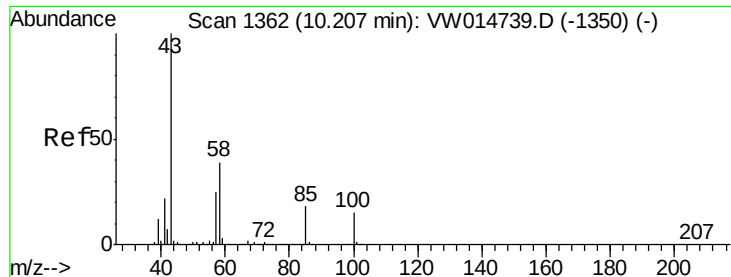
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#50
Toluene-d8
Concen: 96.982 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	2584164		
100	66.5		52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 519.643 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2348168

Ion Ratio Lower Upper

43 100

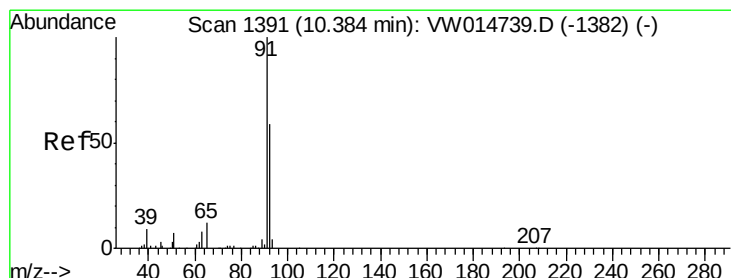
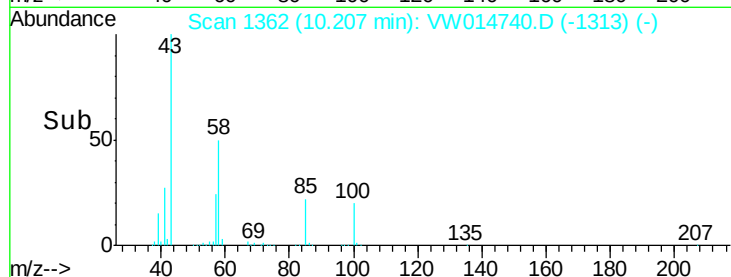
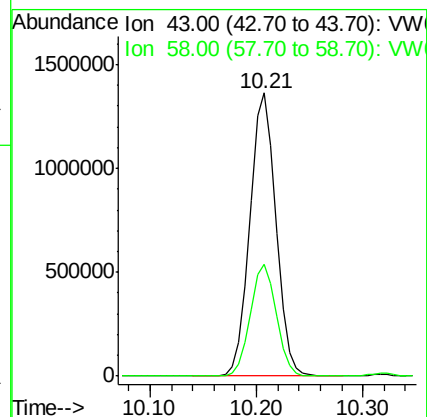
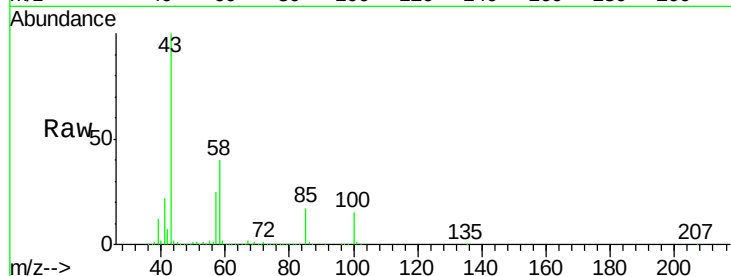
58 39.5 31.4 47.0

Manual Integrations

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#52

Toluene

Concen: 95.401 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014740.D

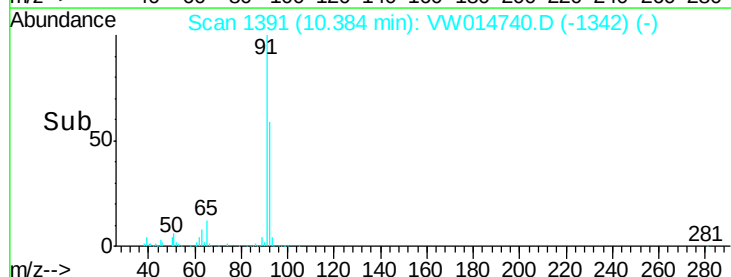
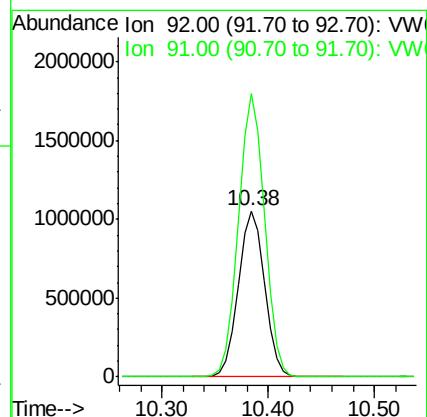
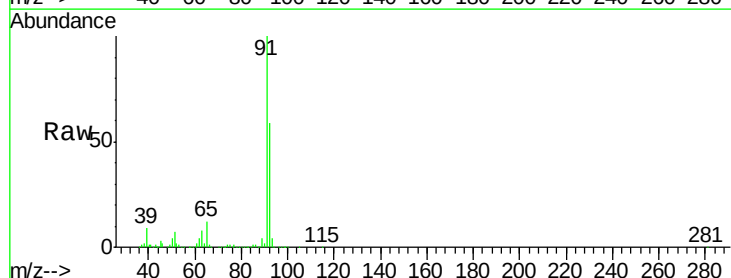
Acq: 24 Jan 2020 12:18

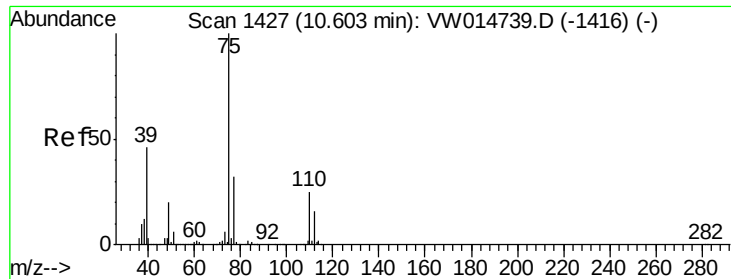
Tgt Ion: 92 Resp: 1822740

Ion Ratio Lower Upper

92 100

91 170.4 135.8 203.8





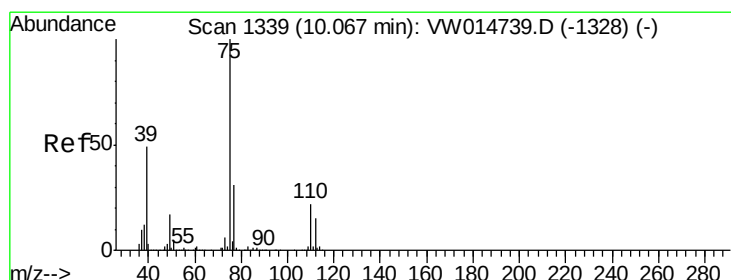
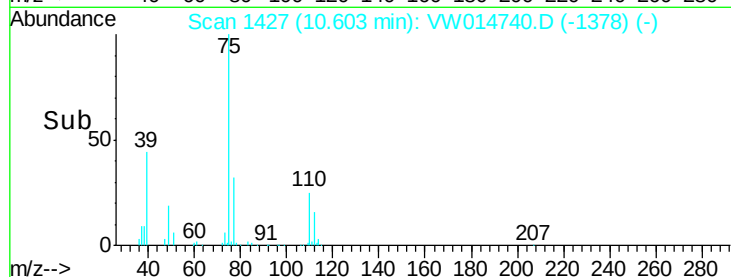
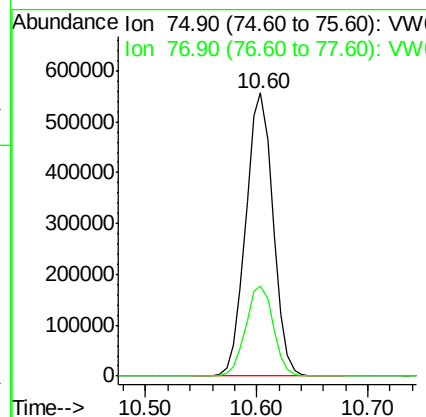
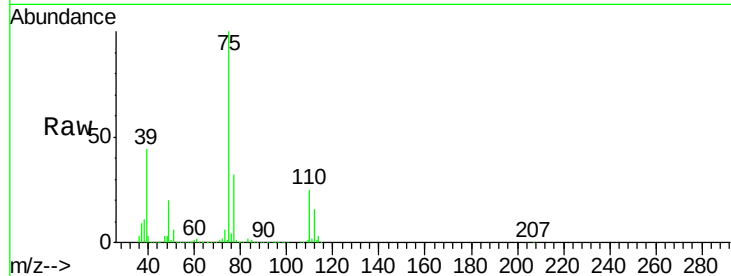
#53
 t-1,3-Dichloropropene
 Concen: 101.056 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion: 75 Resp: 945578
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5

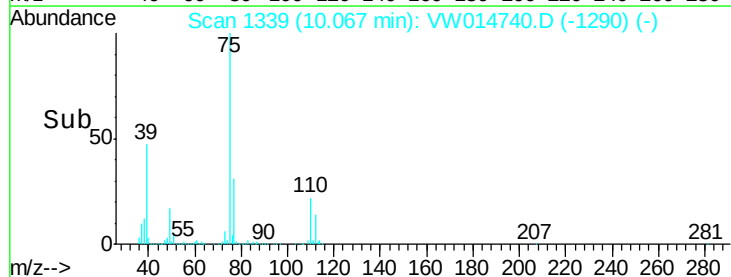
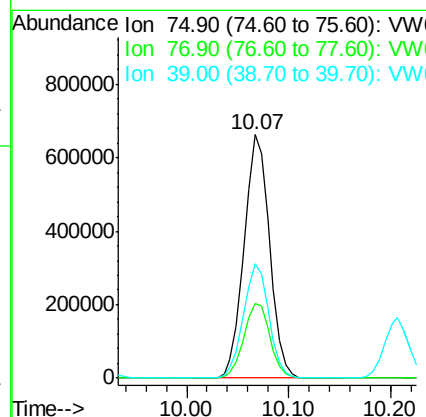
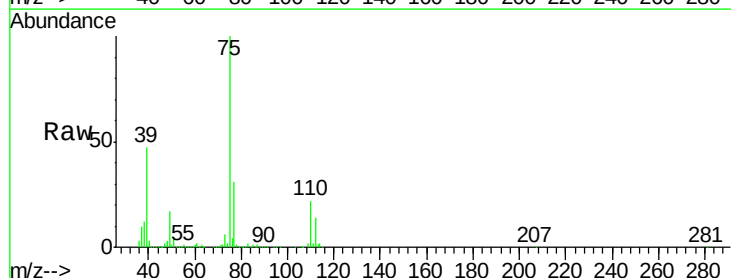
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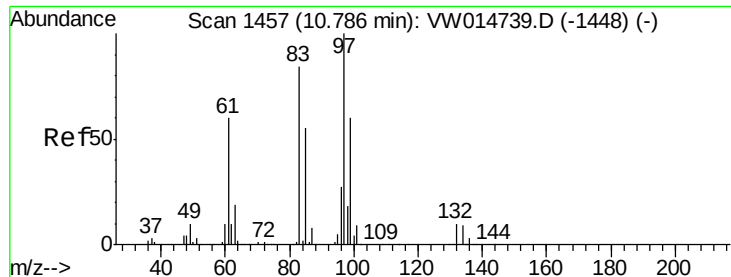
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 99.681 ug/l
 RT: 10.07 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Tgt Ion: 75 Resp: 1144714
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4
 39 46.7 39.0 58.6





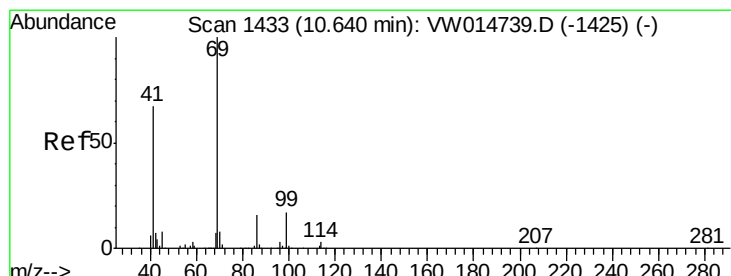
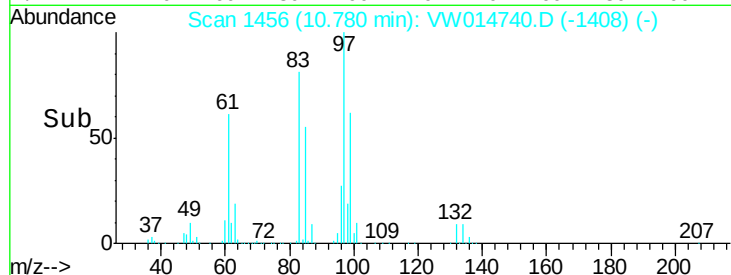
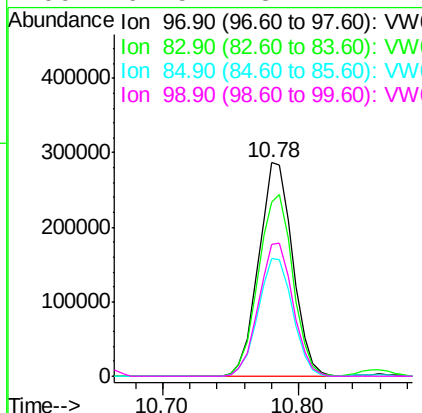
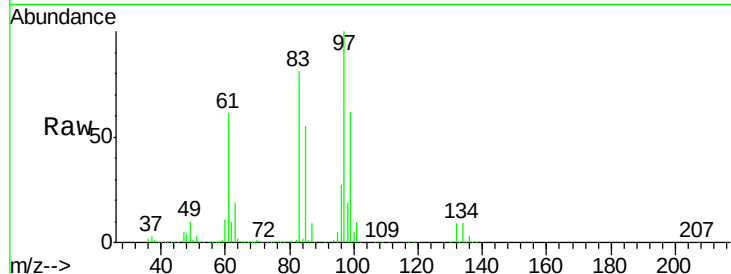
#55
 1,1,2-Trichloroethane
 Concen: 94.966 ug/l
 RT: 10.78 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
97	100	504600		
83	81.5	67.1	100.7	
85	55.0	44.2	66.2	
99	61.5	48.2	72.4	

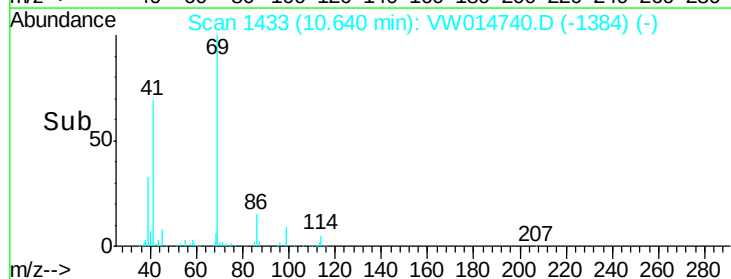
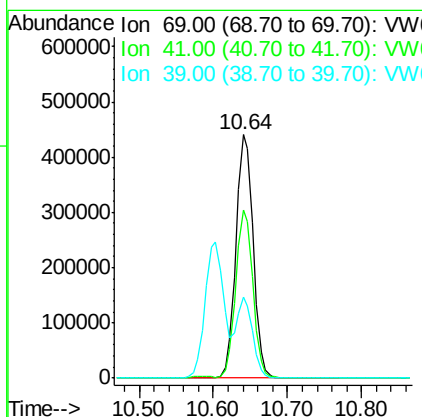
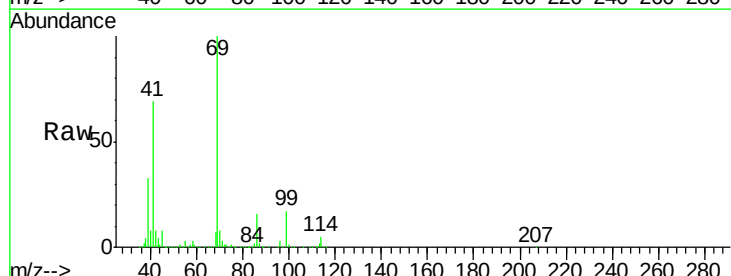
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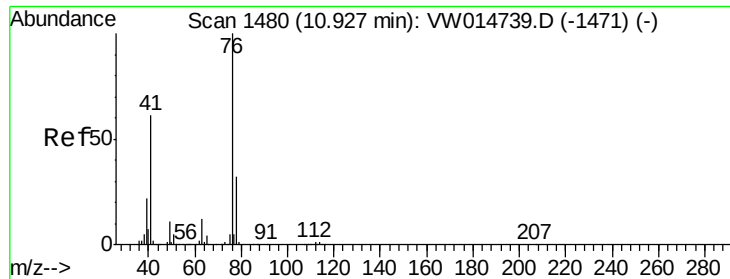
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#56
 Ethyl methacrylate
 Concen: 104.546 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	718240		
41	68.4	54.4	81.6	
39	31.9	22.4	33.6	





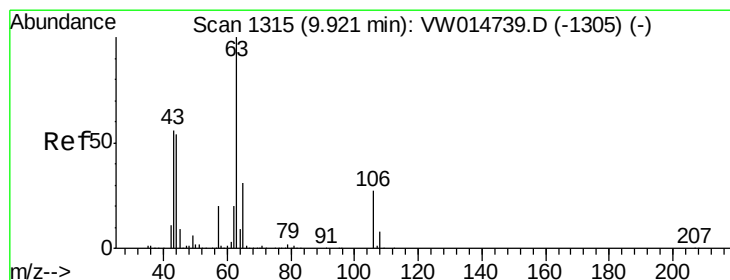
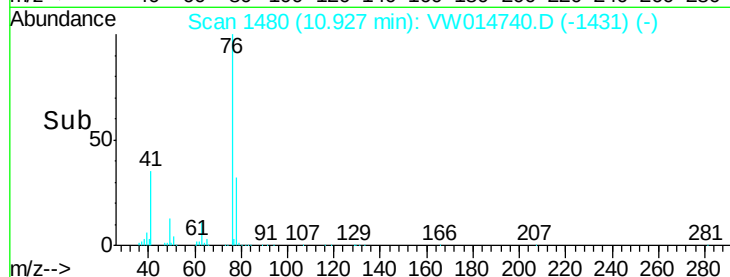
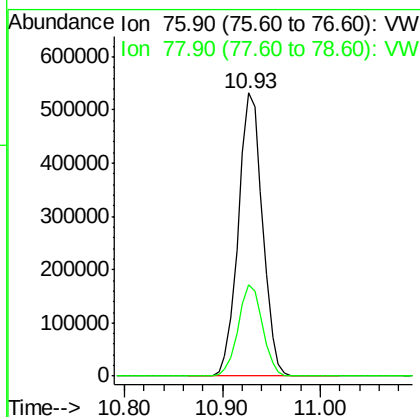
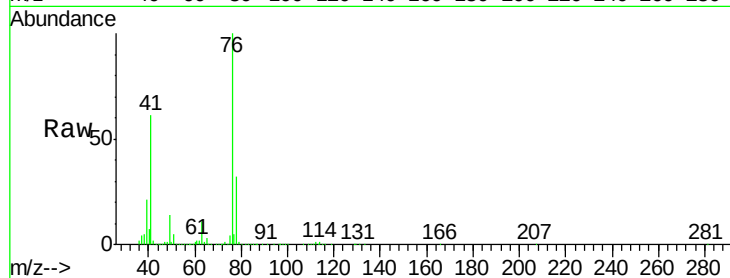
#57
 1,3-Dichloropropane
 Concen: 96.924 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.7	38.5

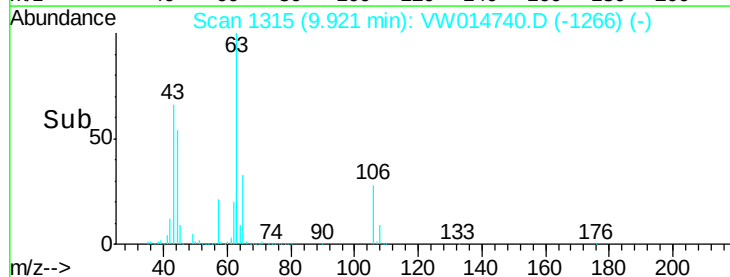
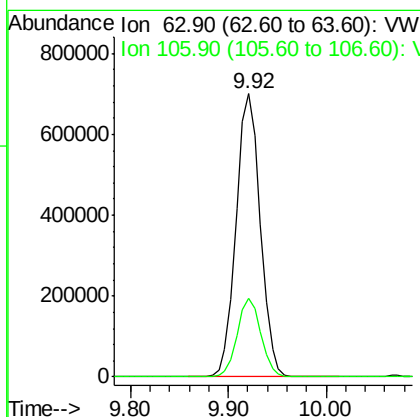
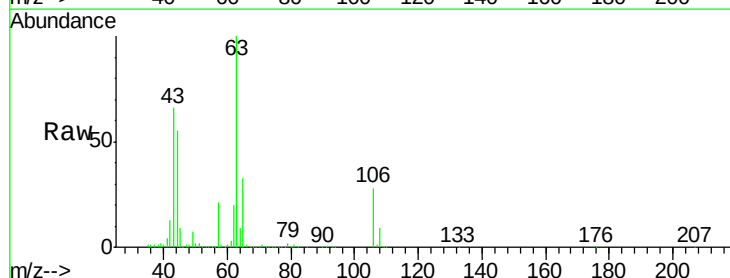
Manual Integrations
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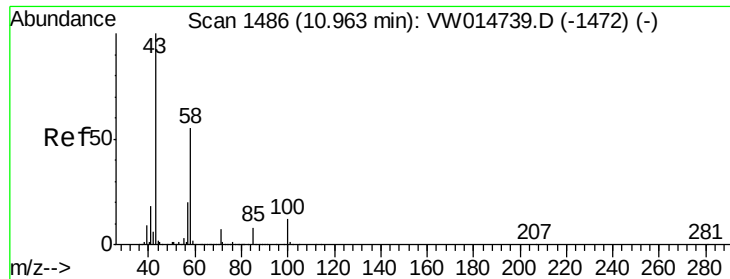
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 571.307 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.3	21.8	32.8





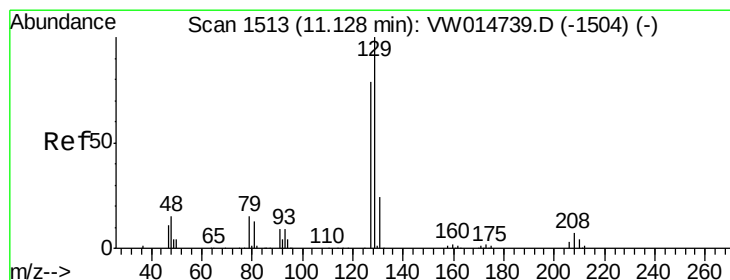
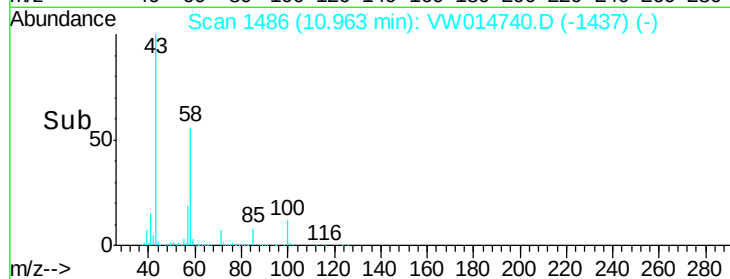
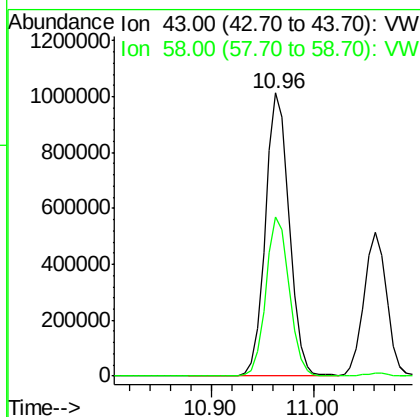
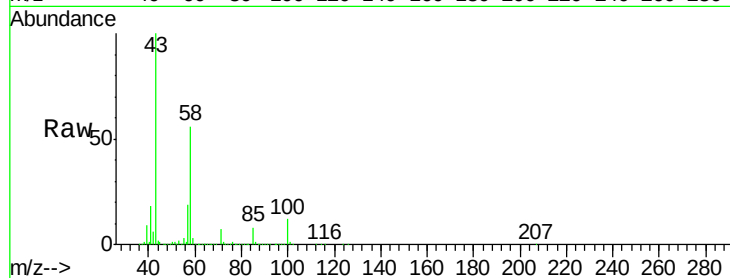
#59
2-Hexanone
Concen: 529.002 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 1637101
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.8

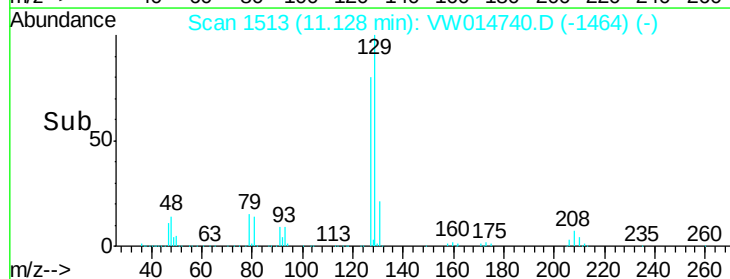
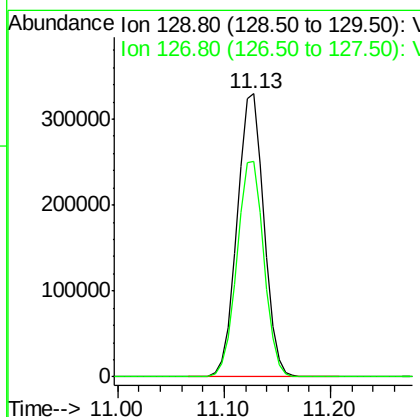
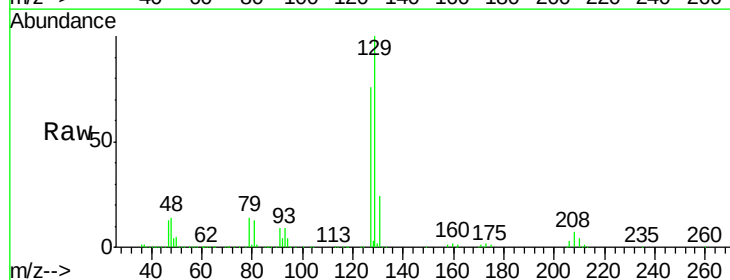
Manual Integrations
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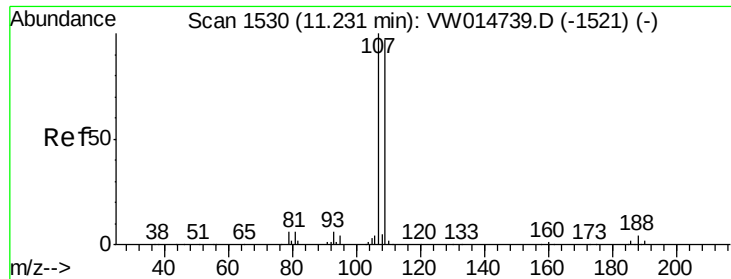
MMDadoda
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#60
Dibromochloromethane
Concen: 97.396 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion: 129 Resp: 583844
Ion Ratio Lower Upper
129 100
127 76.7 39.9 119.6





#61

1,2-Dibromoethane

Concen: 95.408 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:107 Resp: 478405

Ion Ratio Lower Upper

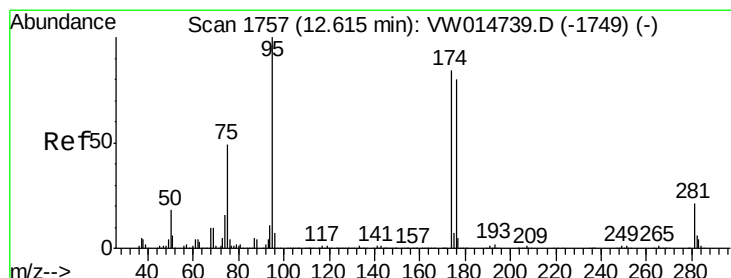
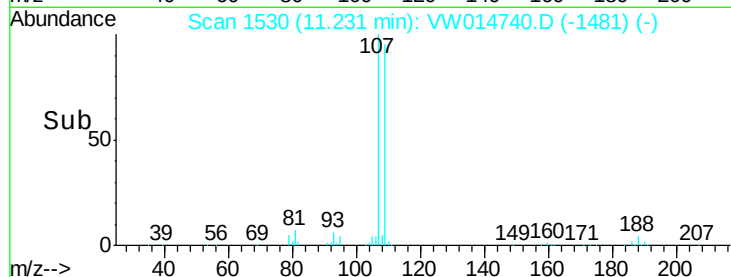
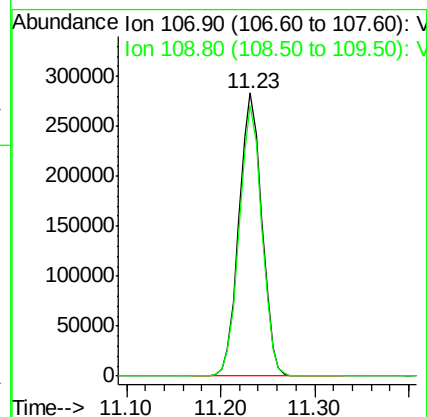
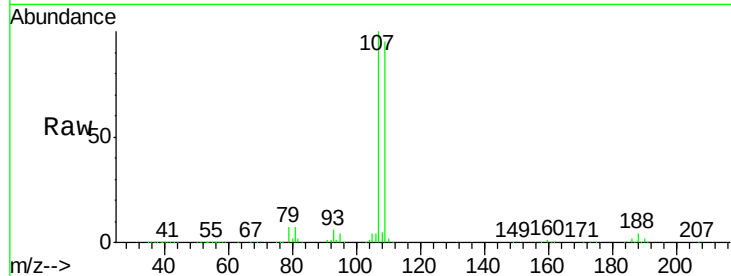
107 100

109 94.6 76.7 115.1

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#62

4-Bromofluorobenzene

Concen: 96.866 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

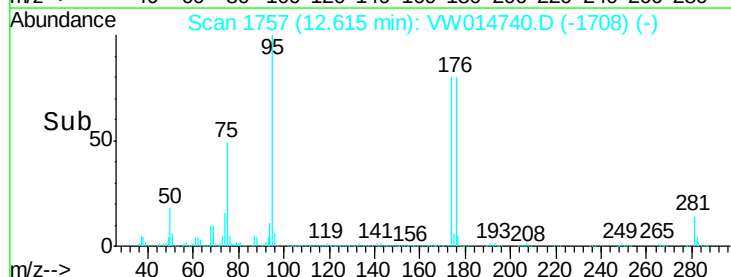
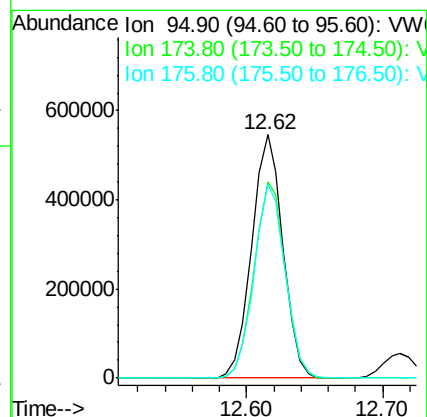
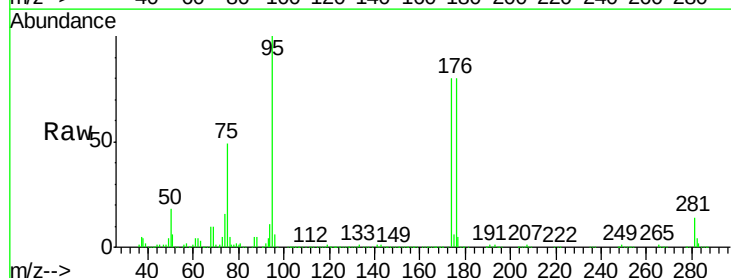
Tgt Ion: 95 Resp: 873463

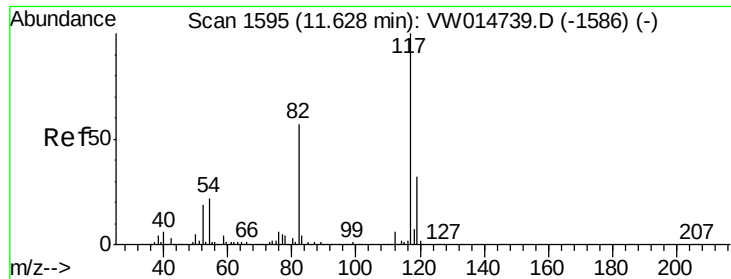
Ion Ratio Lower Upper

95 100

174 81.3 0.0 163.0

176 80.1 0.0 159.2





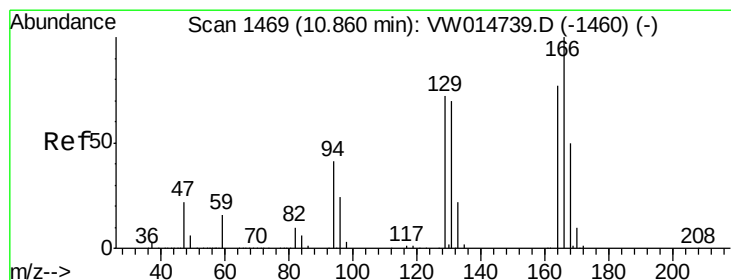
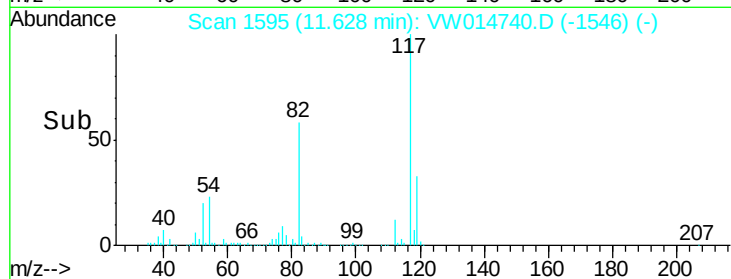
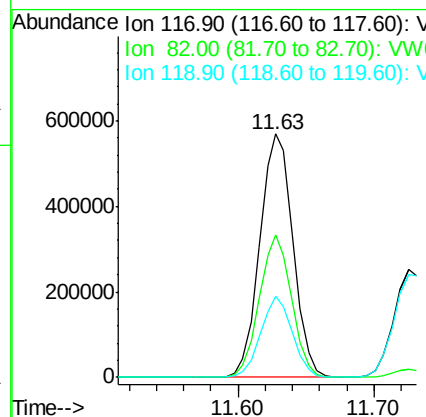
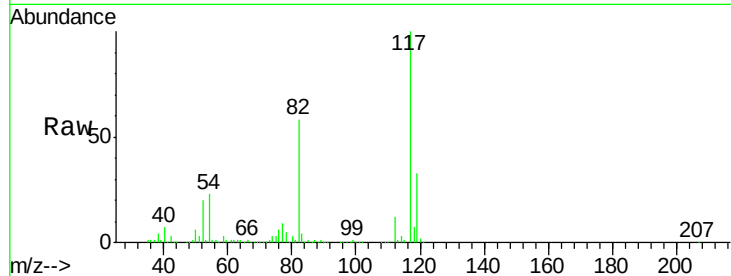
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	971924		
82	58.5		45.9	68.9
119	33.2		25.7	38.5

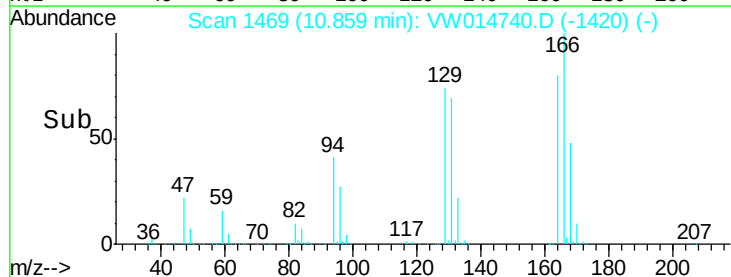
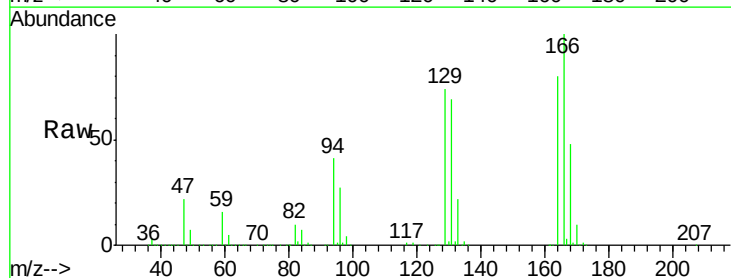
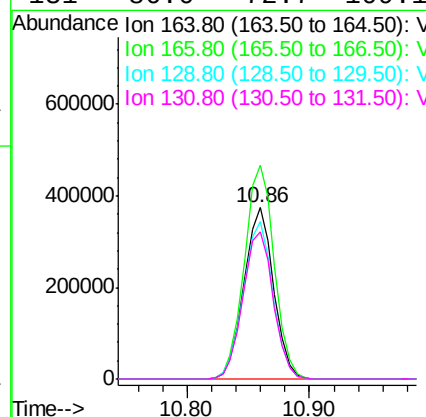
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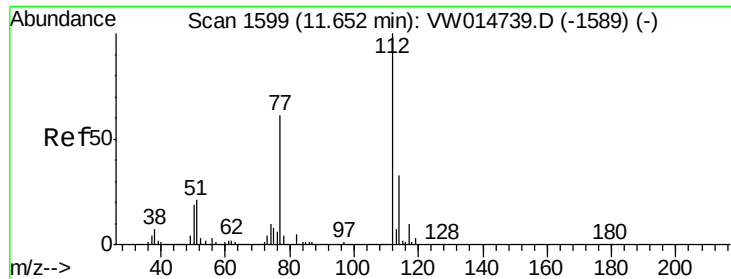
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#64
Tetrachloroethene
Concen: 89.280 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	626637		
166	124.6		104.0	156.0
129	91.7		75.0	112.4
131	86.0		72.7	109.1





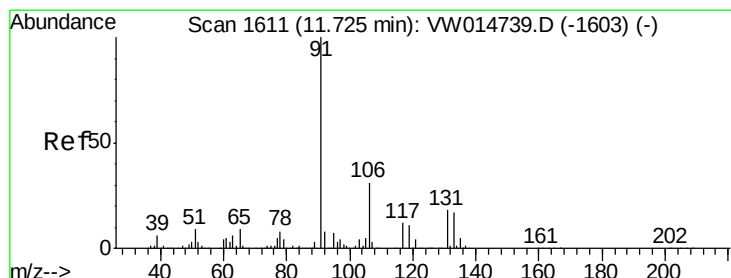
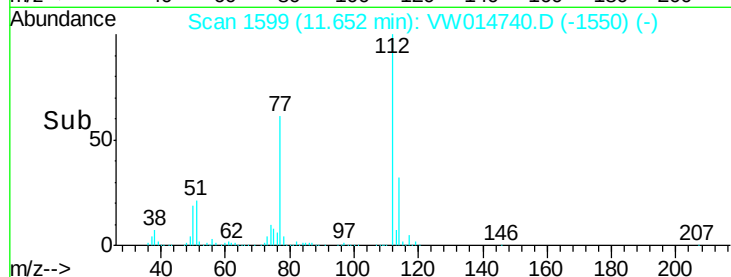
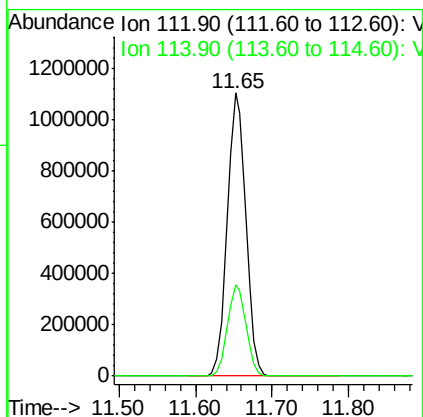
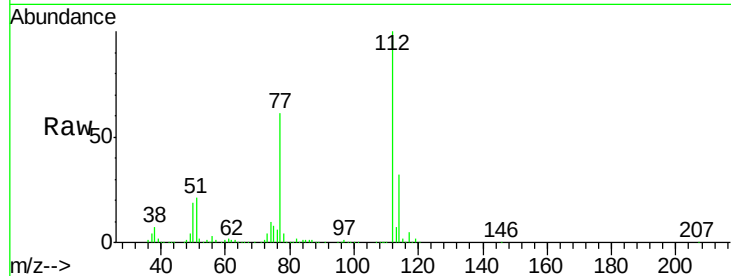
#65
Chlorobenzene
Concen: 92.331 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 1845306
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0

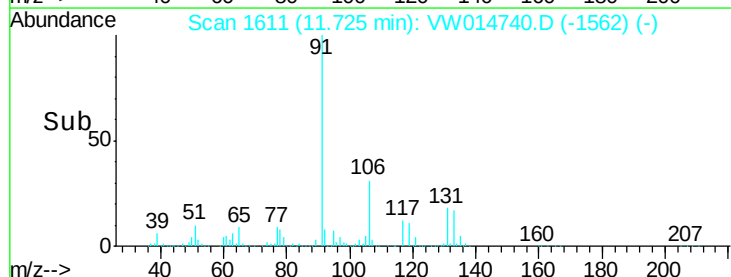
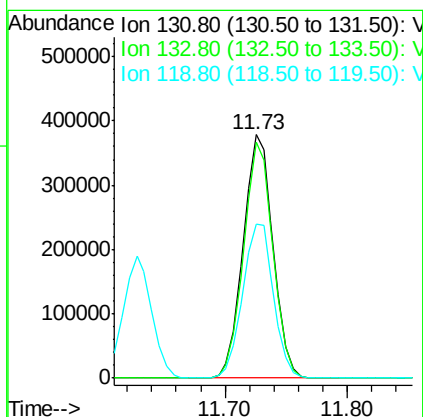
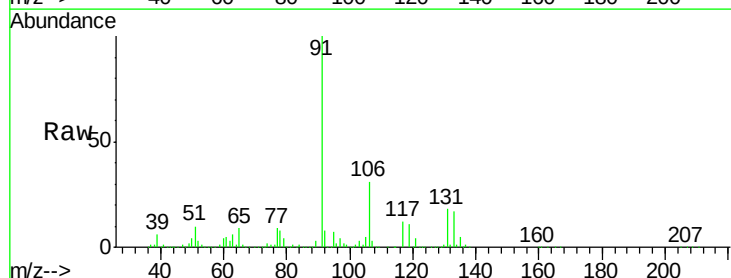
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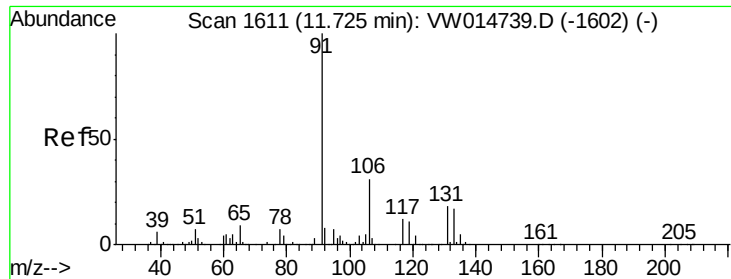
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#66
1,1,1,2-Tetrachloroethane
Concen: 94.963 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion:131 Resp: 638812
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.2
119 65.7 33.0 98.9





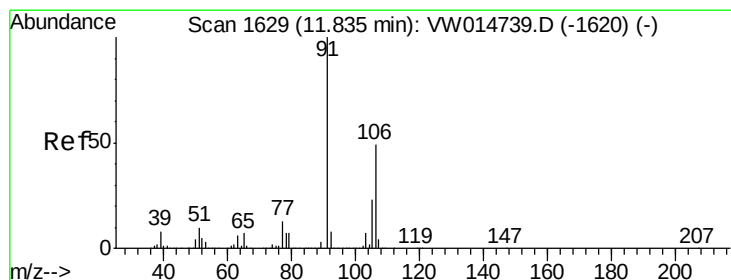
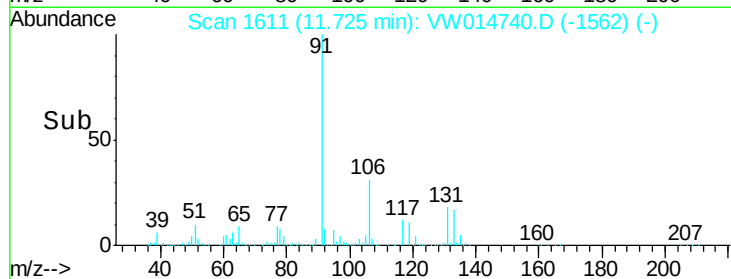
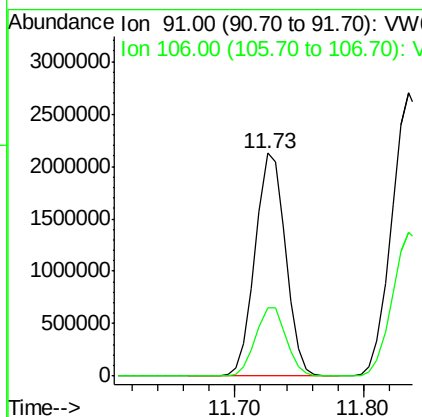
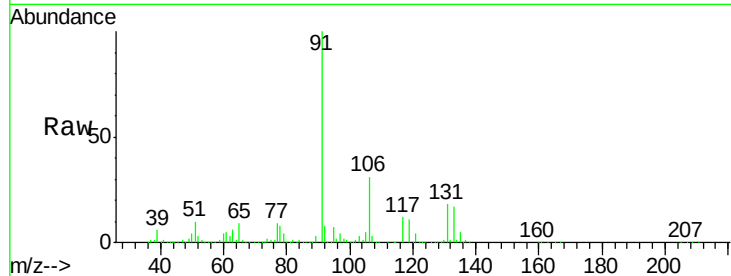
#67
Ethyl Benzene
Concen: 95.792 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 3463363
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7

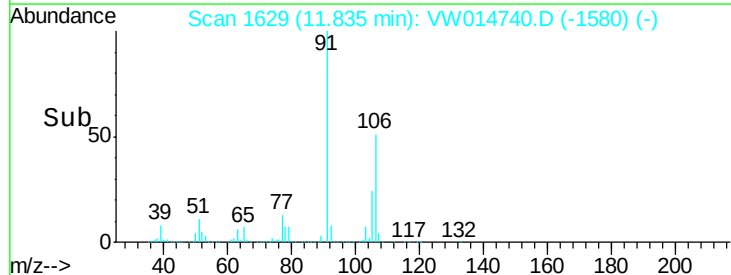
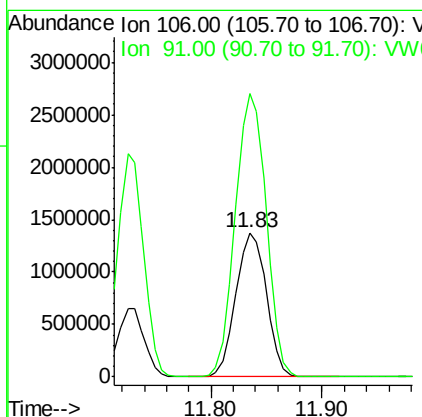
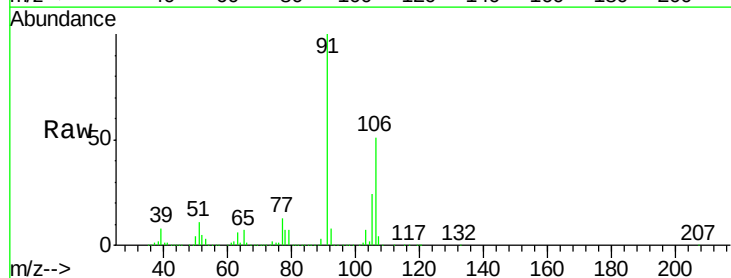
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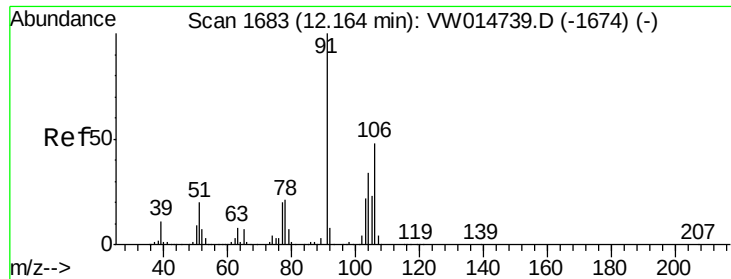
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#68
m/p-Xylenes
Concen: 189.421 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion: 106 Resp: 2614880
Ion Ratio Lower Upper
106 100
91 198.7 161.4 242.0





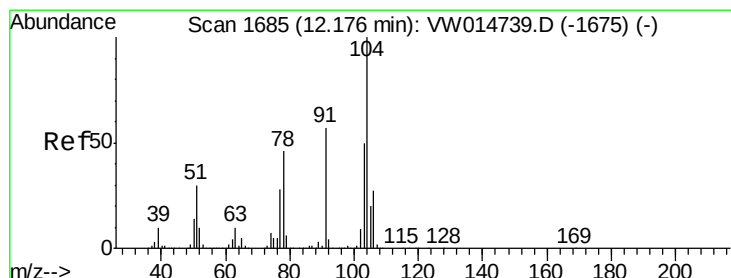
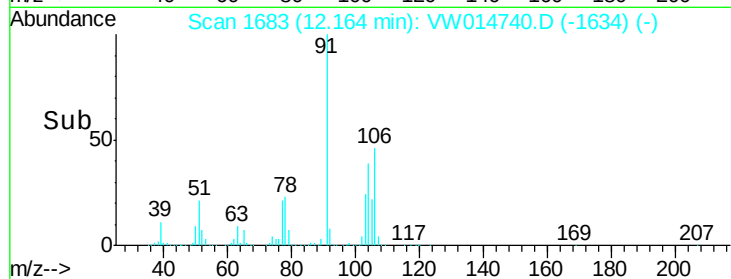
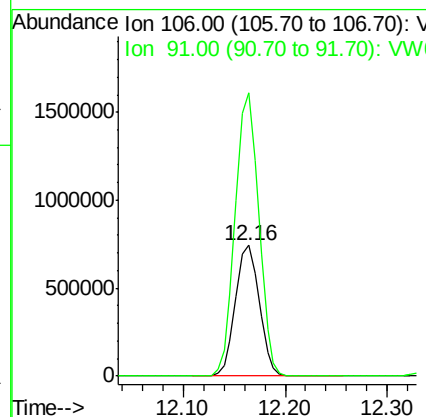
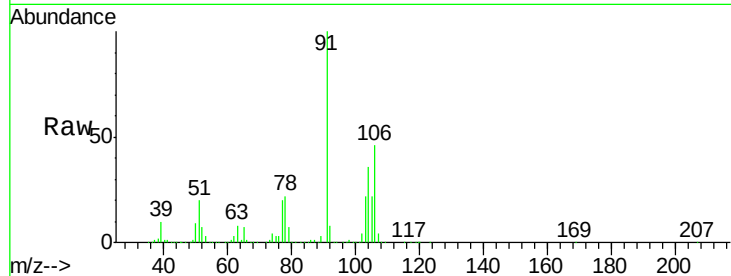
#69
o-Xylene
Concen: 94.587 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 1205221
Ion Ratio Lower Upper
106 100
91 213.9 107.1 321.3

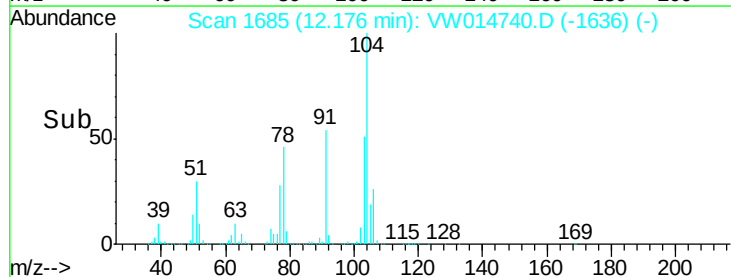
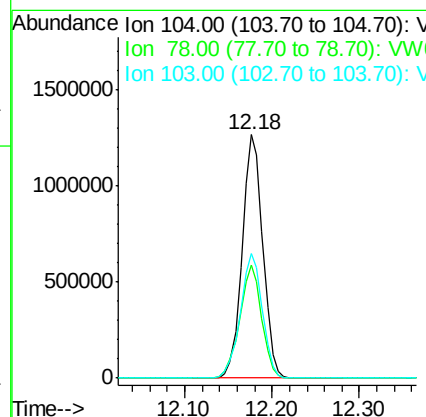
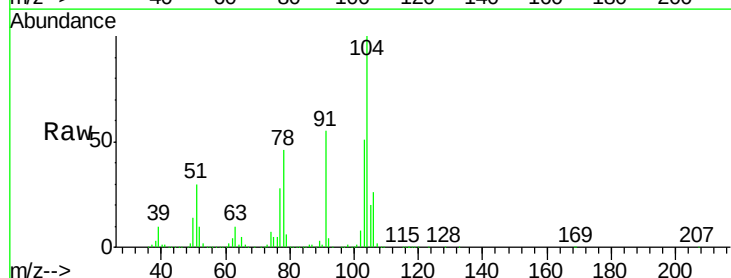
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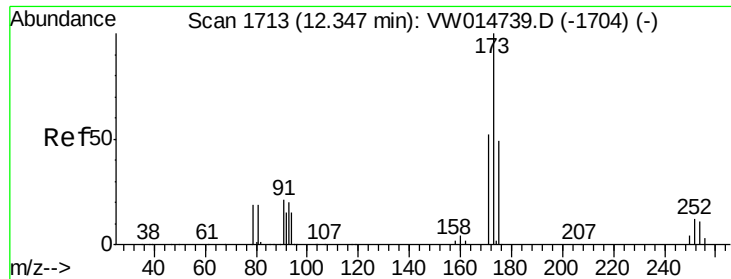
MMDadoda
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#70
Styrene
Concen: 96.542 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion:104 Resp: 2077985
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.8
103 54.6 44.0 66.0





#71

Bromoform

Concen: 96.085 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

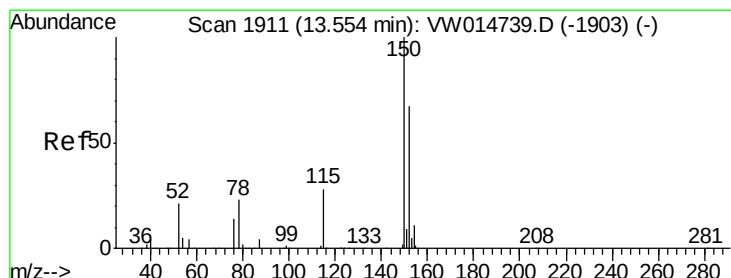
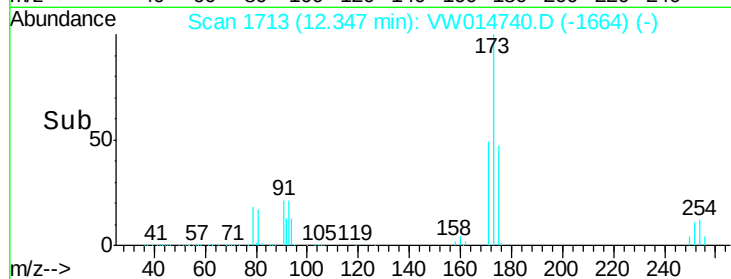
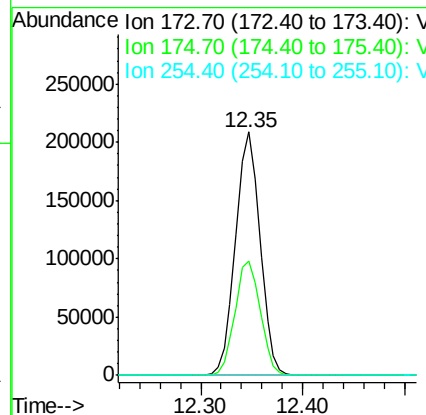
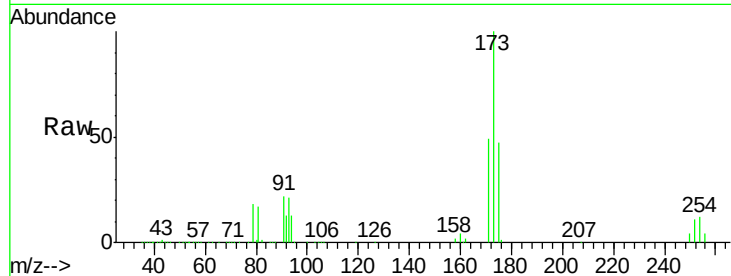
ClientSampled :

VSTDICC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.4	73.2
254	0.1	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

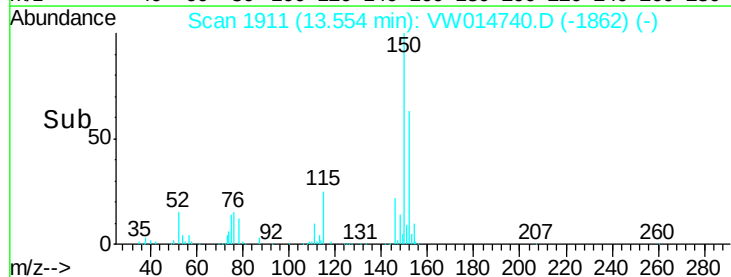
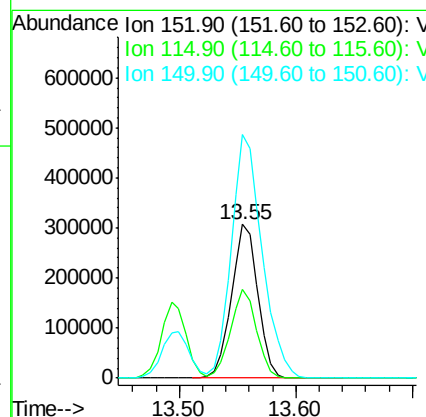
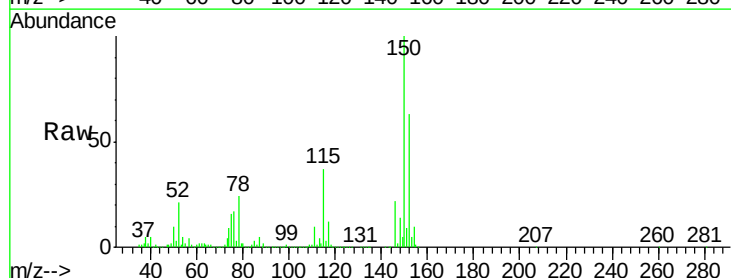
RT: 13.55 min Scan# 1911

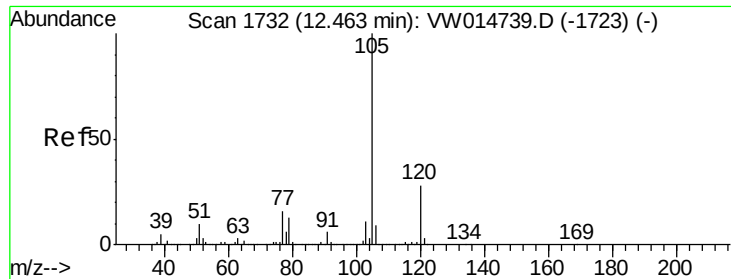
Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	29.0	87.1
150	184.5	0.0	354.0





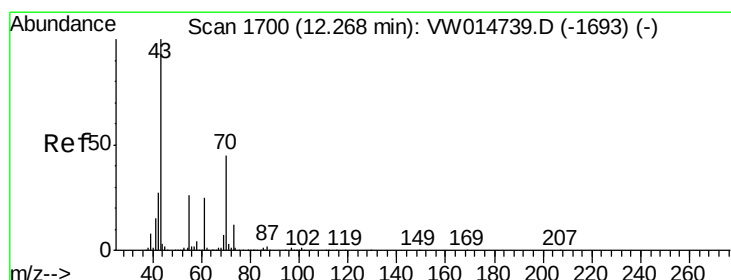
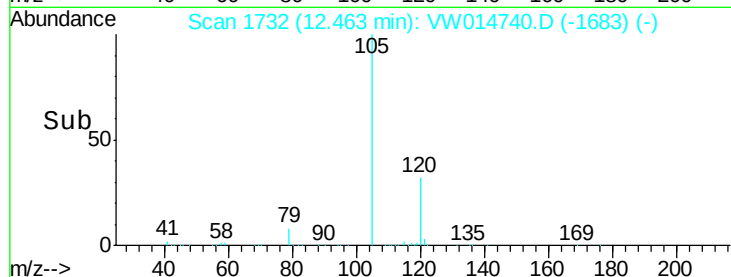
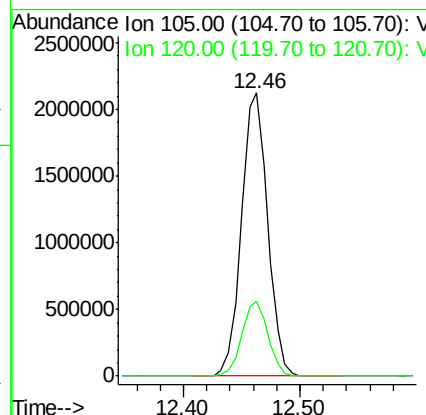
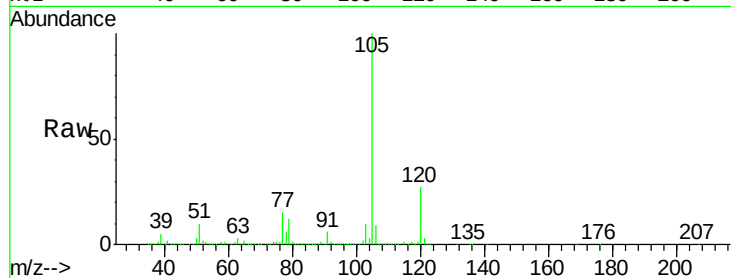
#73
Isopropylbenzene
Concen: 93.633 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:105 Resp: 3322428
Ion Ratio Lower Upper
105 100
120 26.4 13.6 40.8

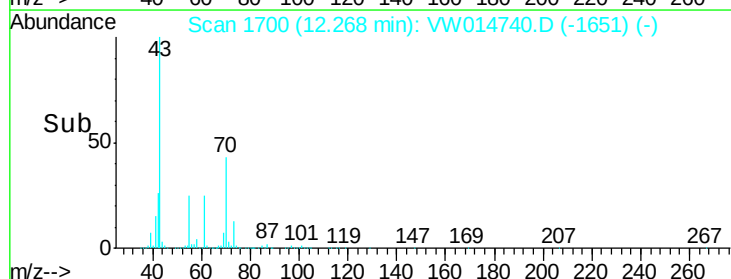
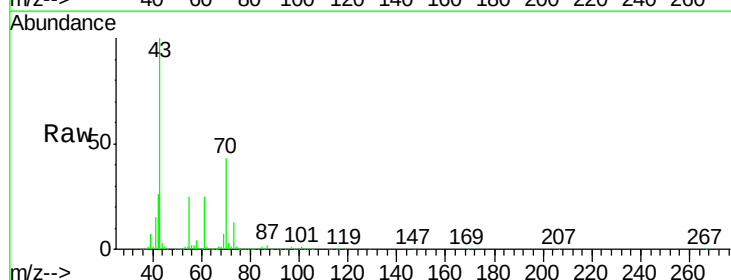
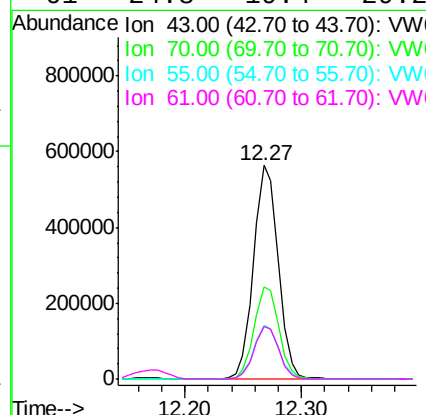
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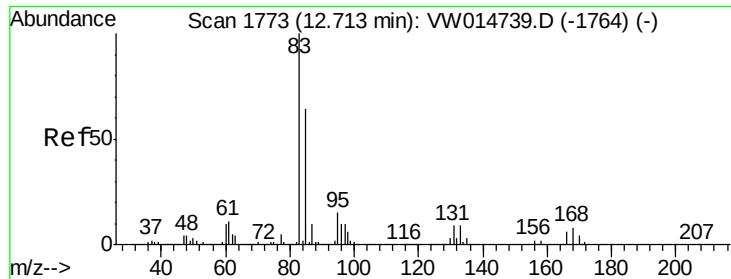
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#74
N-ethyl acetate
Concen: 105.322 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion: 43 Resp: 836147
Ion Ratio Lower Upper
43 100
70 43.6 34.6 52.0
55 25.3 20.6 30.8
61 24.8 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 93.699 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

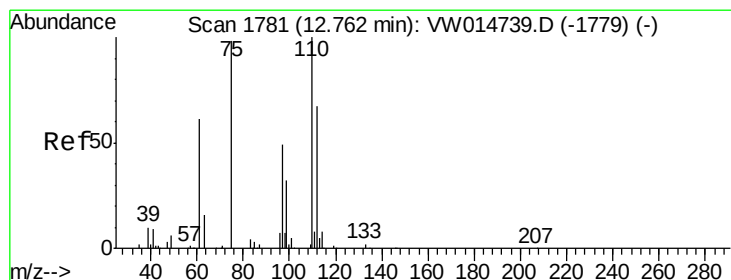
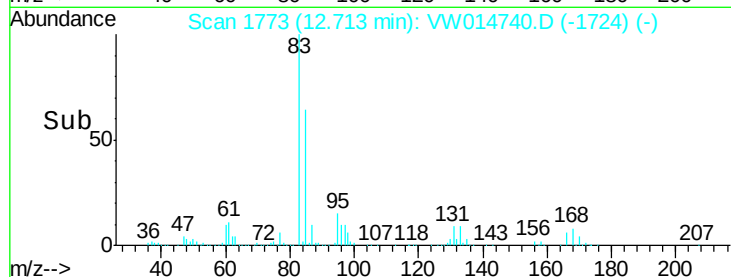
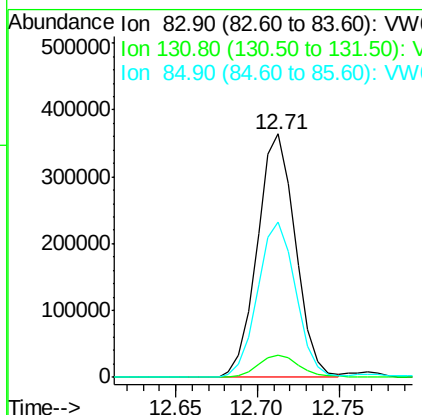
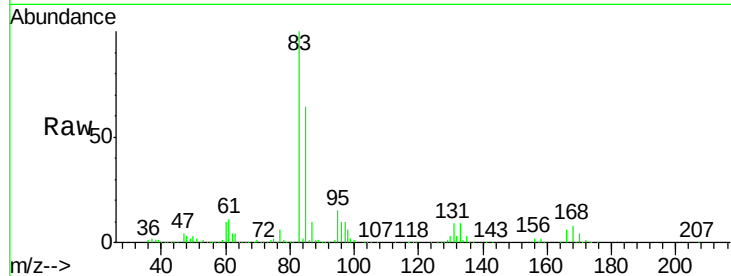
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	592365
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.4
85	63.9	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 101.242 ug/l m

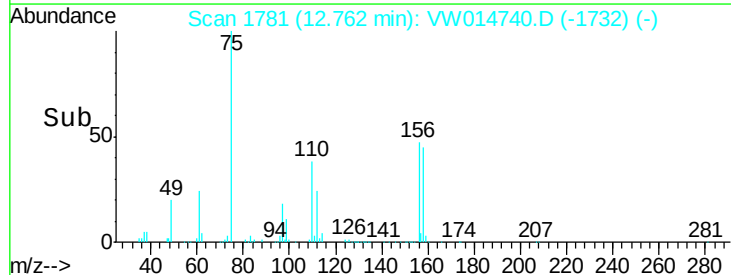
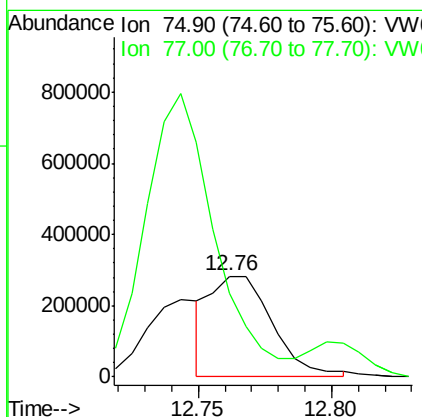
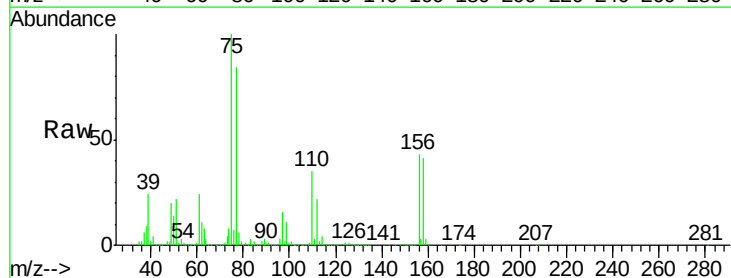
RT: 12.76 min Scan# 1781

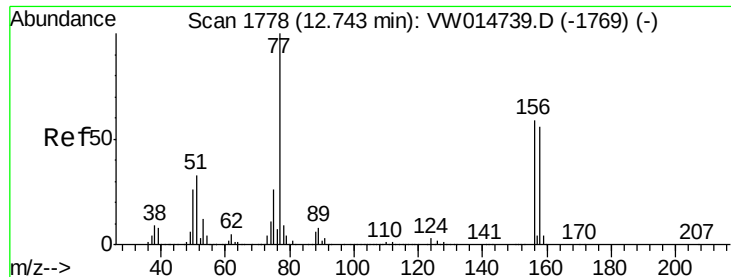
Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Tgt Ion:	75	Resp:	455540
Ion Ratio	Lower	Upper	
75	100		
77	319.2	167.9	503.9





#77

Bromobenzene

Concen: 90.984 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

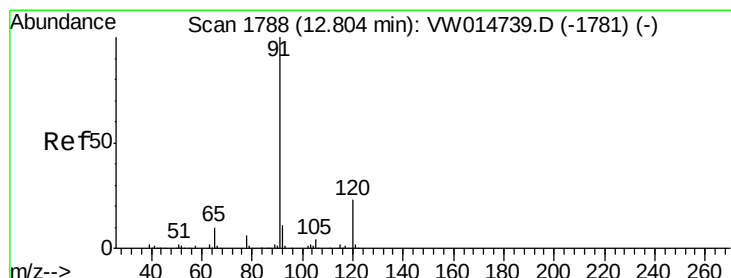
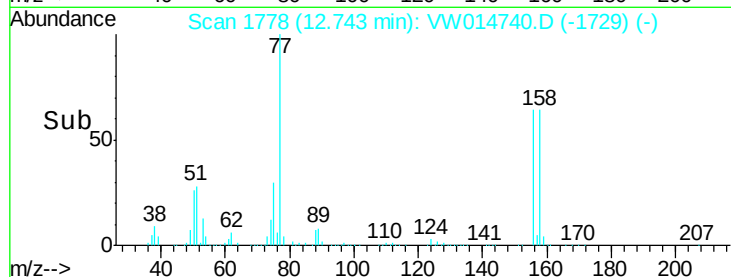
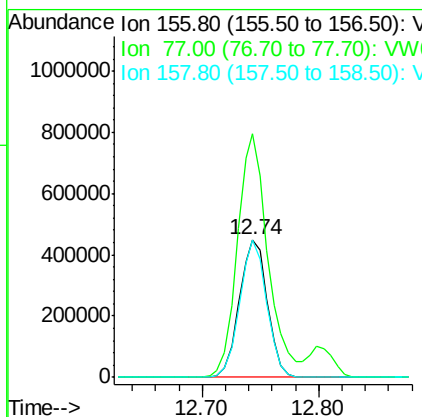
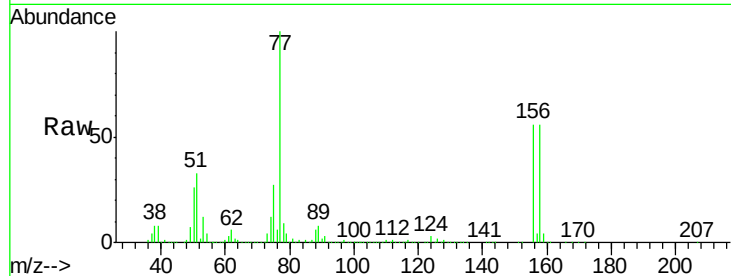
ClientSampled :

VSTDIC100

Tot Ion:	156	Resp:	750039
Ion Ratio	Lower	Upper	
156	100		
77	193.9	94.5	283.5
158	96.5	48.3	144.8

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#78

n-propylbenzene

Concen: 95.319 ug/l

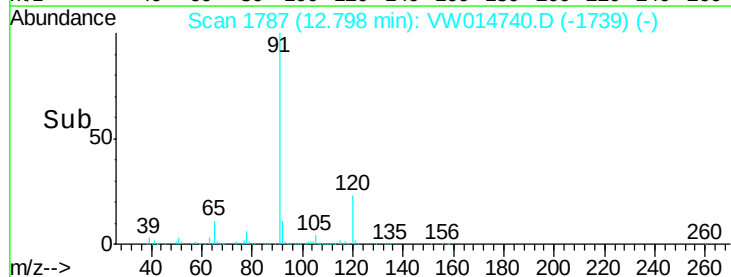
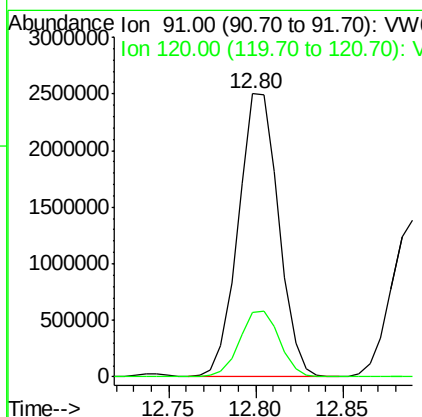
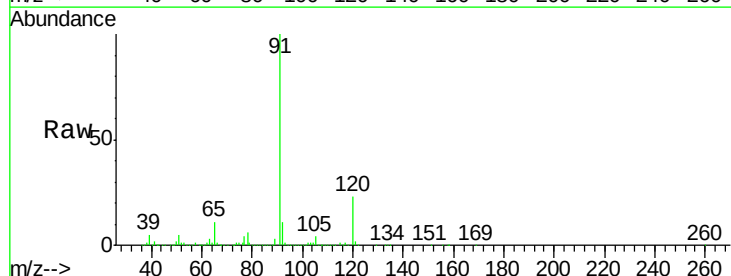
RT: 12.80 min Scan# 1787

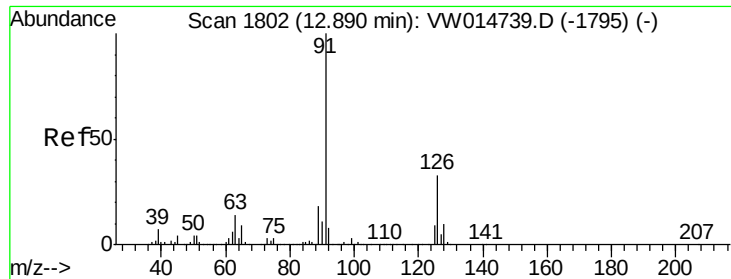
Delta R.T. -0.01 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Tgt Ion:	91	Resp:	4006740
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.3	33.9





#79

2-Chlorotoluene

Concen: 93.303 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 2230325

Ion Ratio Lower Upper

91 100

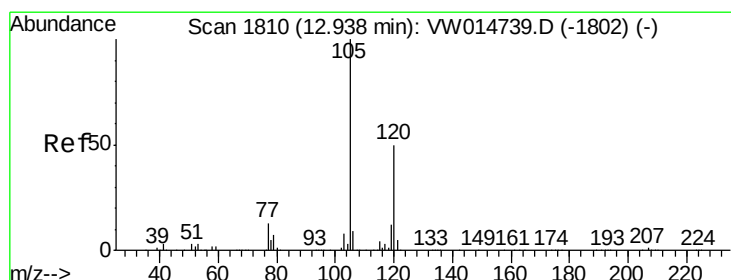
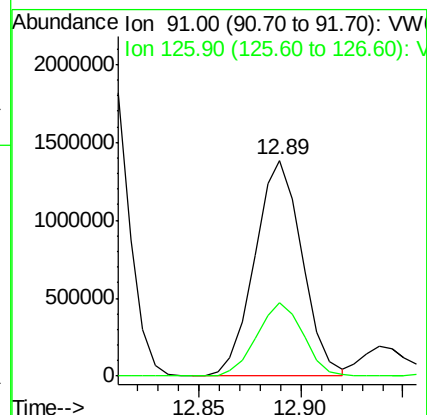
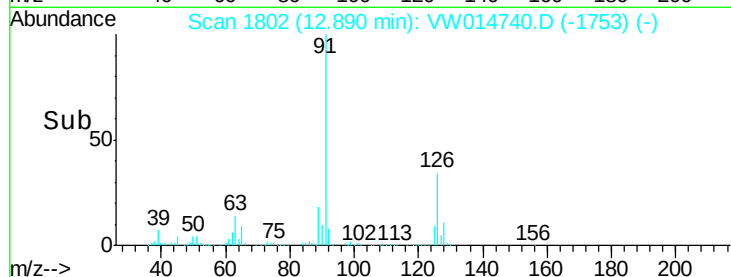
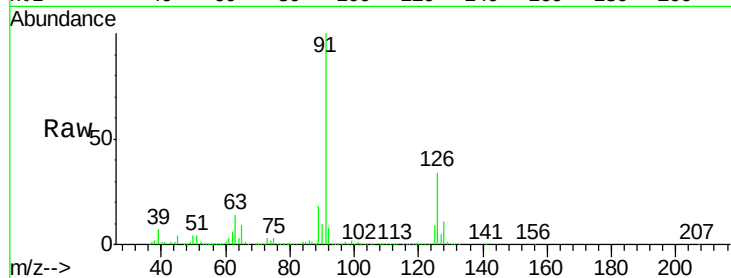
126 33.5 16.9 50.6

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#80

1,3,5-Trimethylbenzene

Concen: 93.719 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014740.D

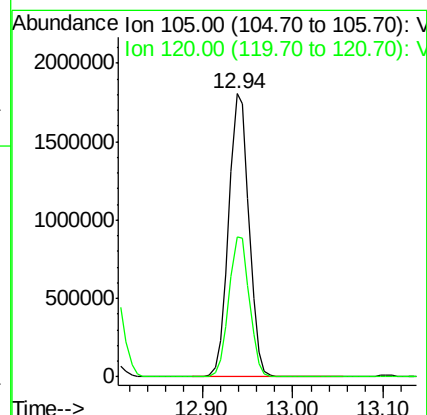
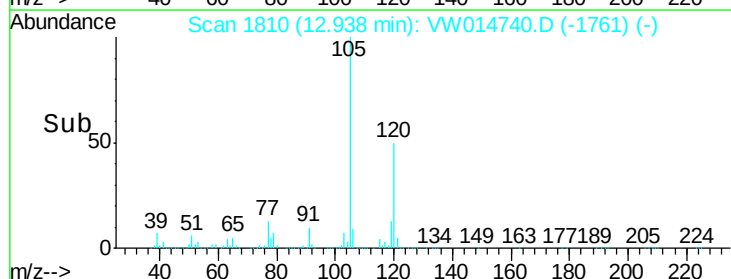
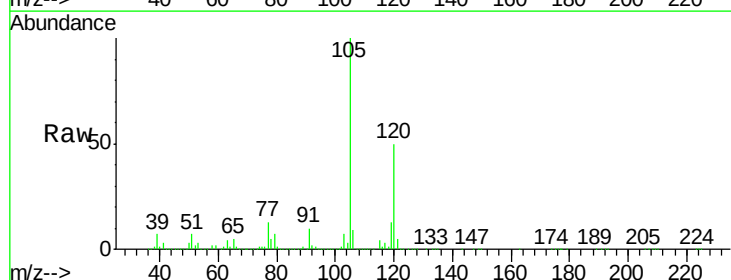
Acq: 24 Jan 2020 12:18

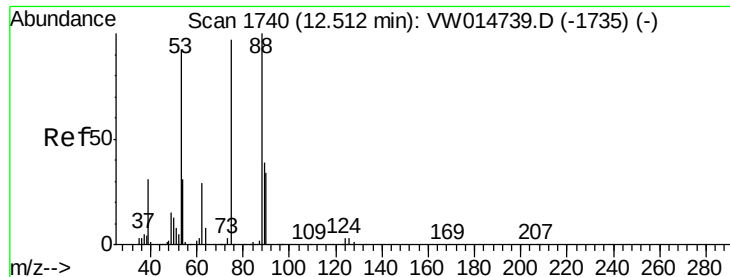
Tgt Ion:105 Resp: 2805382

Ion Ratio Lower Upper

105 100

120 50.0 25.0 75.0





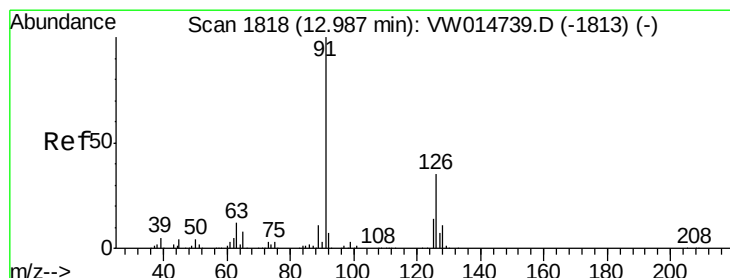
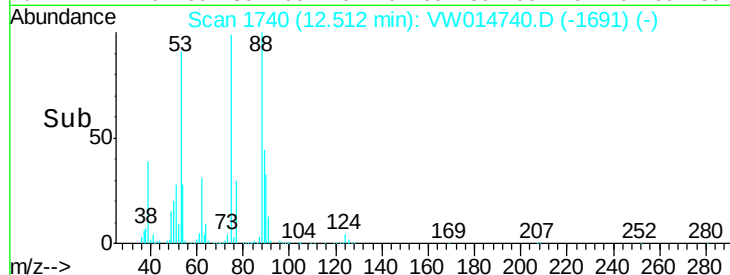
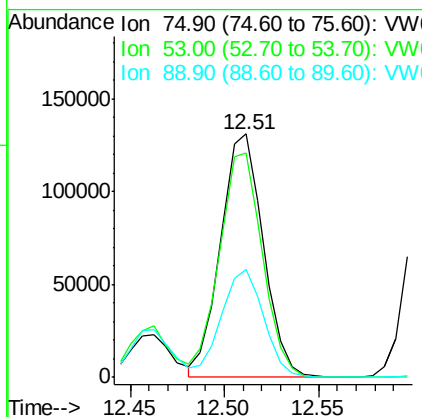
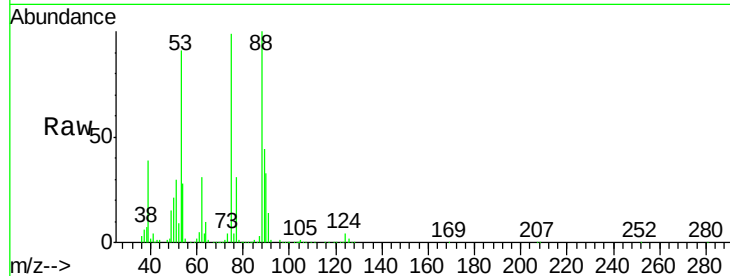
#81
trans-1,4-Dichloro-2-butene
Concen: 100.898 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.9	77.0	115.4
89	44.3	35.2	52.8

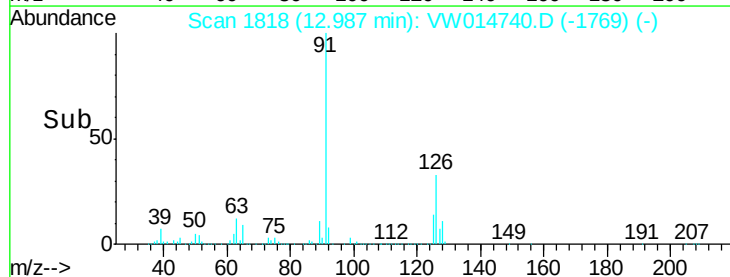
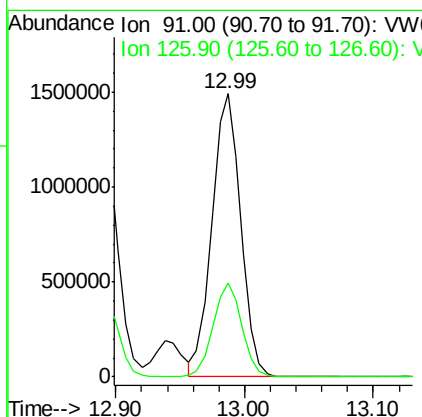
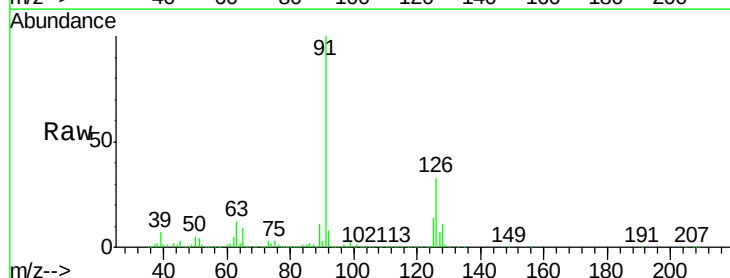
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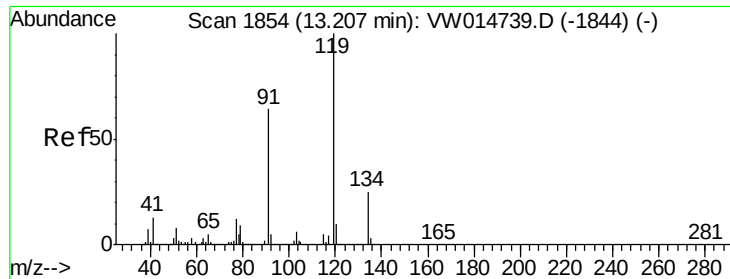
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#82
4-Chlorotoluene
Concen: 93.741 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.7	50.1





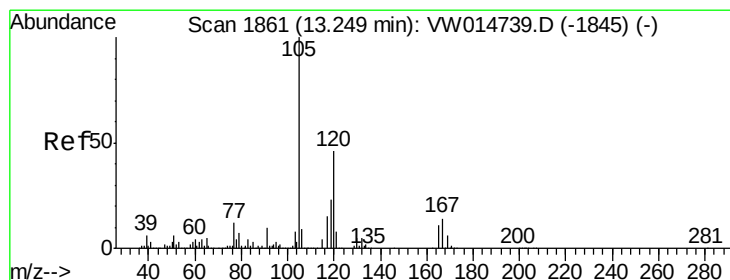
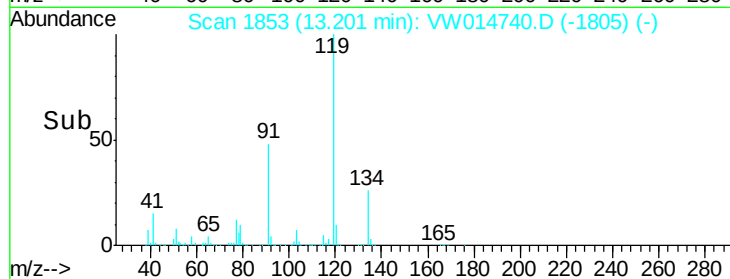
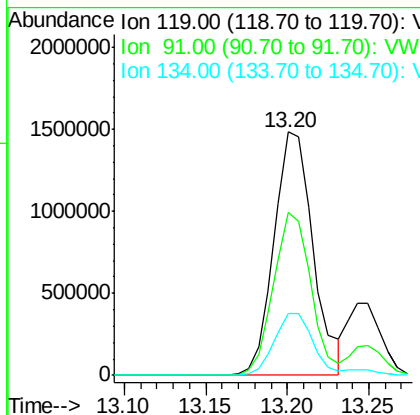
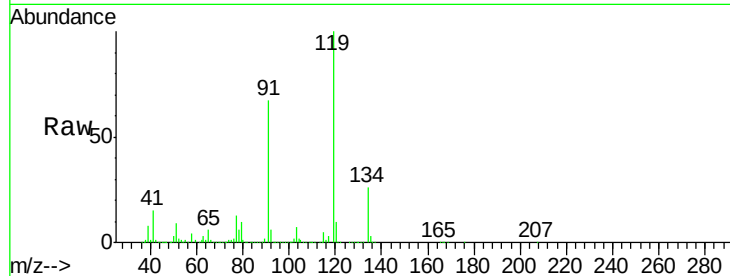
#83
 tert-Butylbenzene
 Concen: 94.262 ug/l
 RT: 13.20 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.1	96.3
134	26.8	13.4	40.2

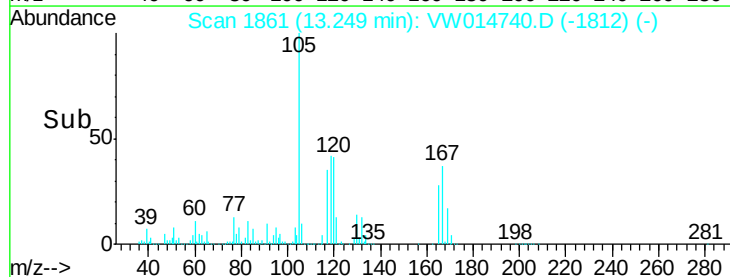
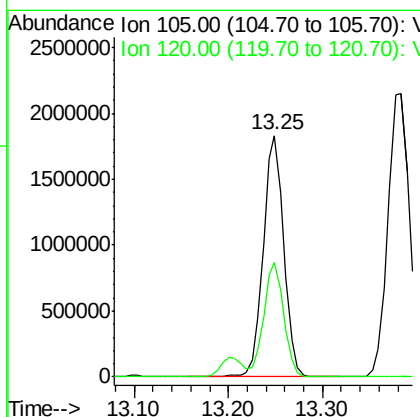
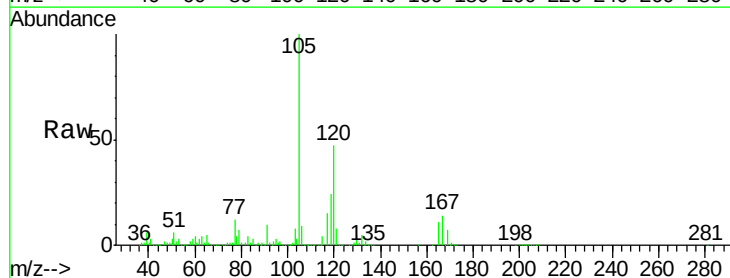
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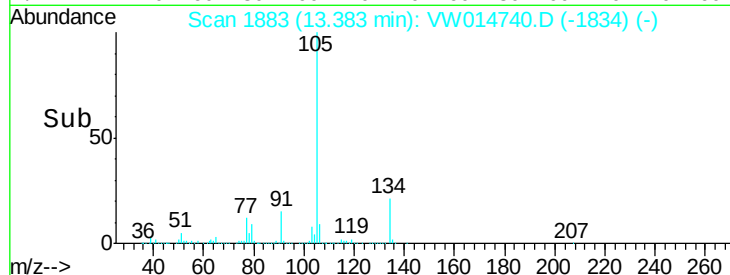
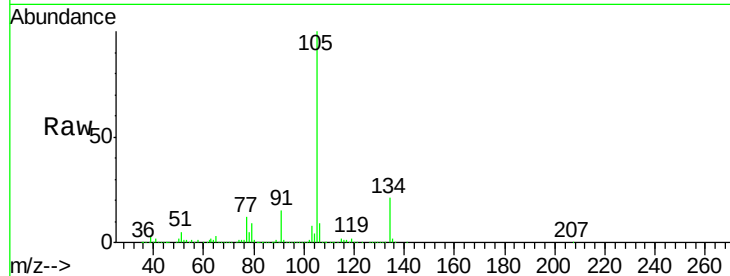
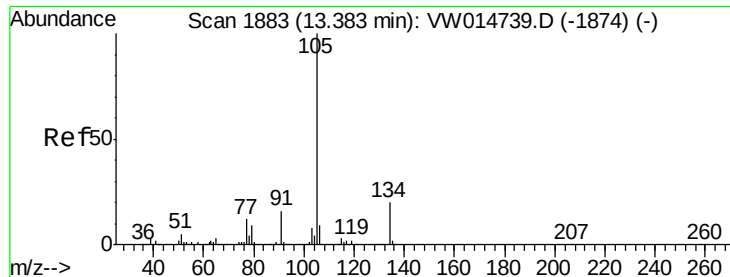
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#84
 1,2,4-Trimethylbenzene
 Concen: 94.340 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.3	69.8





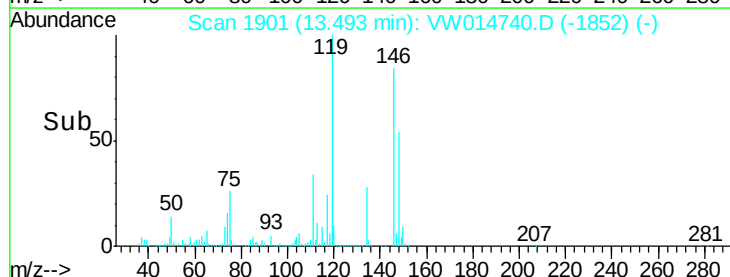
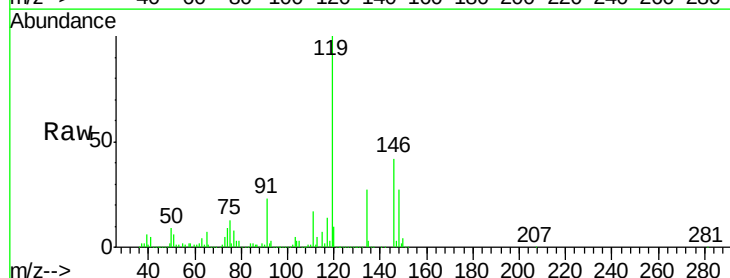
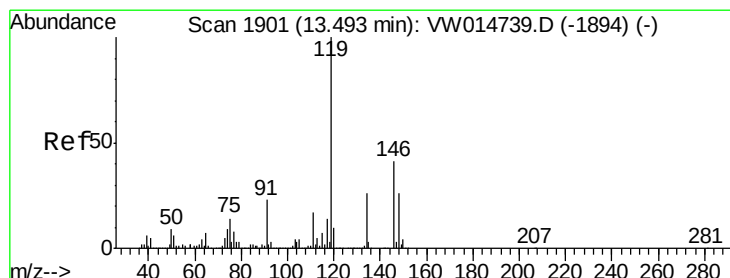
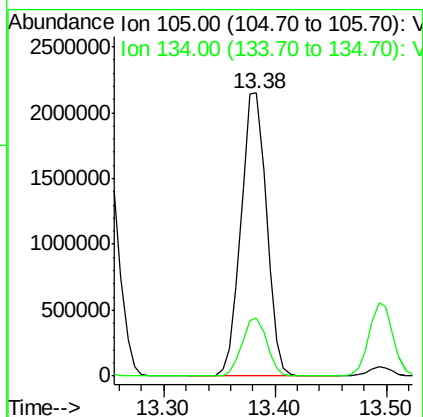
#85
 sec-Butylbenzene
 Concen: 94.518 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Tot Ion:105 Resp: 3427499
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

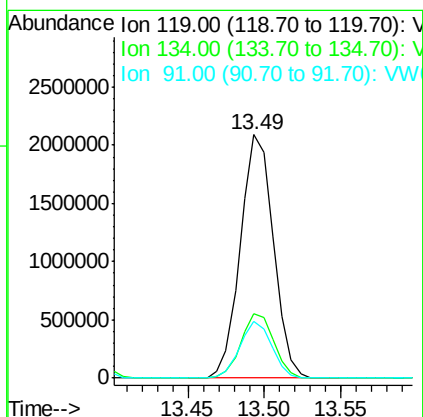
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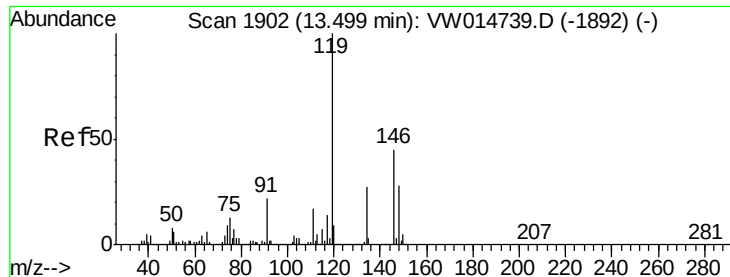
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#86
 p-Isopropyltoluene
 Concen: 94.683 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Tgt Ion:119 Resp: 3132721
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 38.9
 91 22.7 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 91.376 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW014740.D

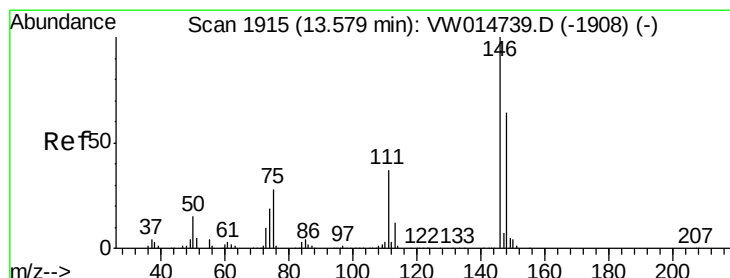
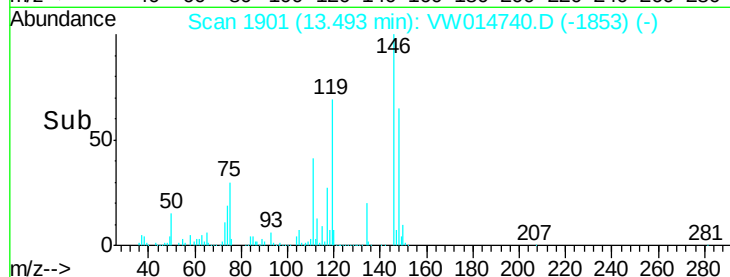
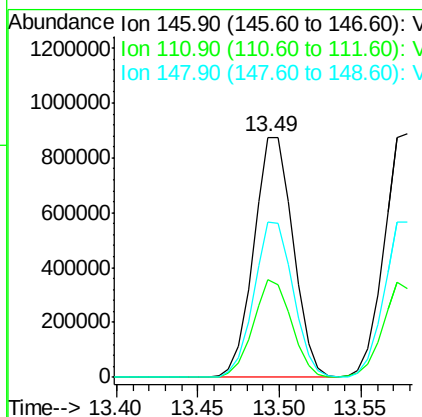
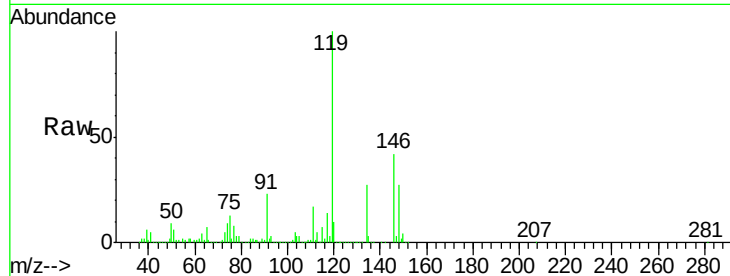
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.4
148	64.2	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 91.063 ug/l

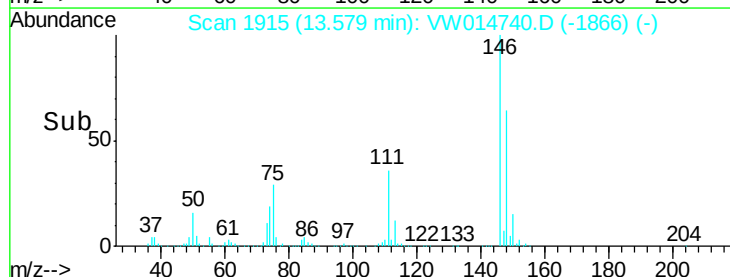
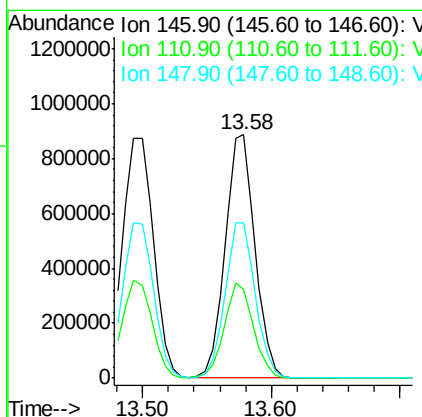
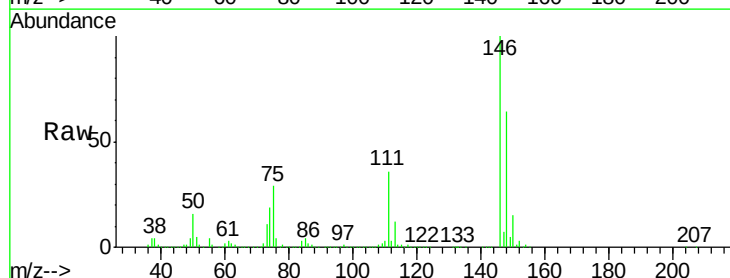
RT: 13.58 min Scan# 1915

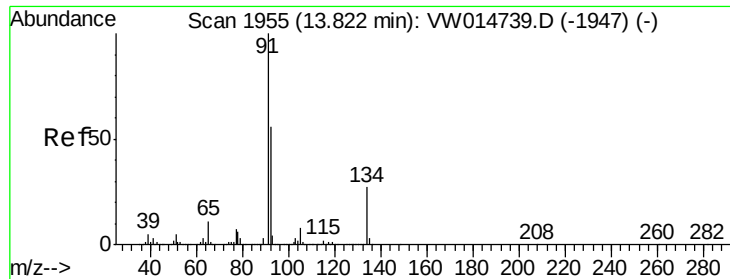
Delta R.T. -0.00 min

Lab File: VW014740.D

Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.4	58.4
148	64.5	32.0	96.2





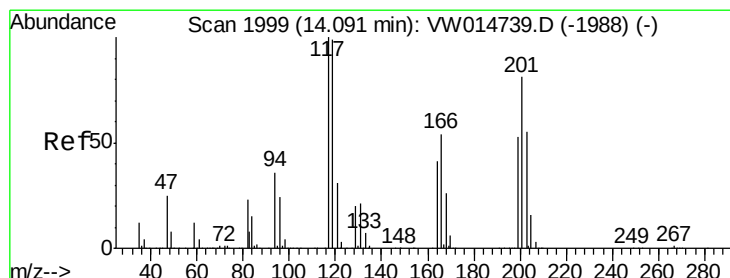
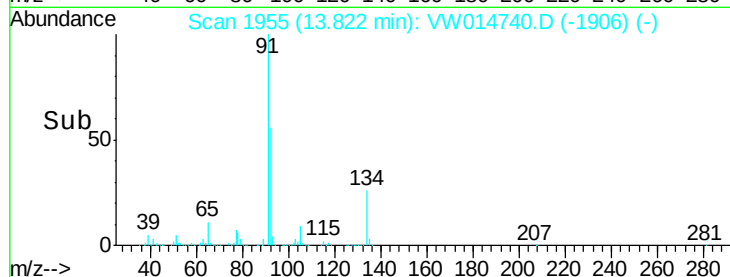
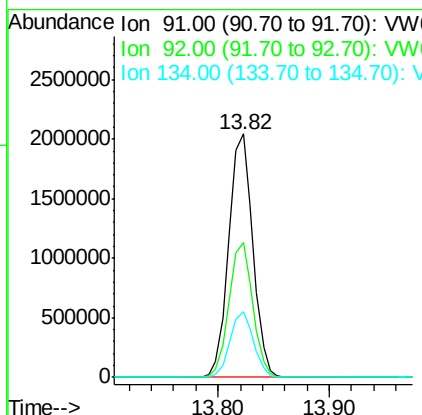
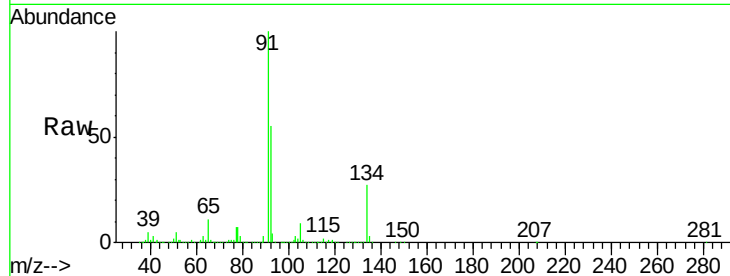
#89
n-Butylbenzene
Concen: 98.866 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 3046066
Ion Ratio Lower Upper
91 100
92 54.7 27.5 82.4
134 26.3 13.1 39.1

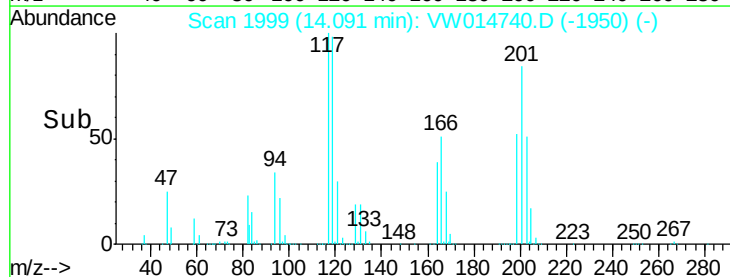
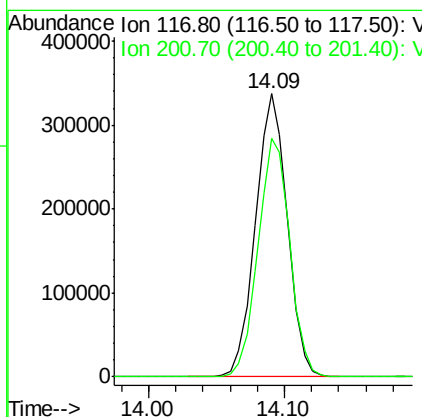
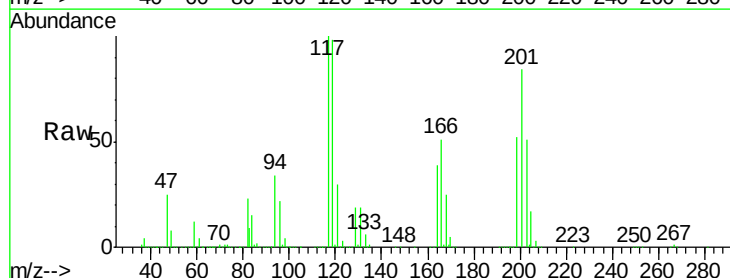
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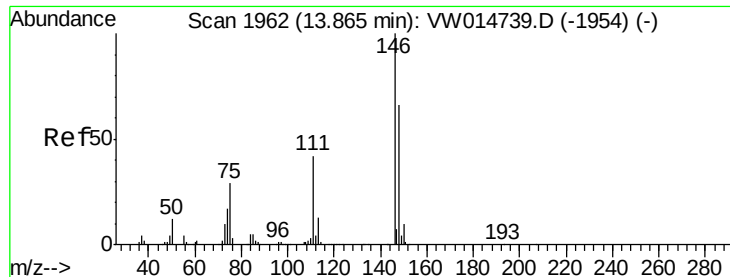
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#90
Hexachloroethane
Concen: 95.783 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion: 117 Resp: 551557
Ion Ratio Lower Upper
117 100
201 84.3 41.6 124.9





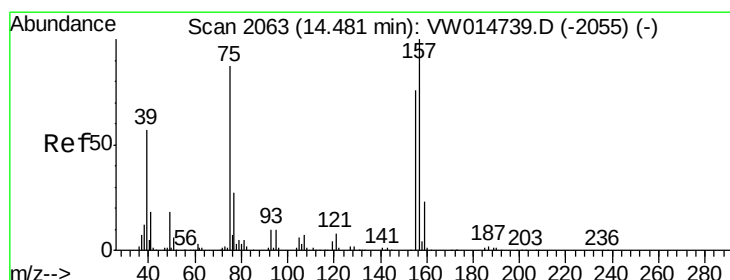
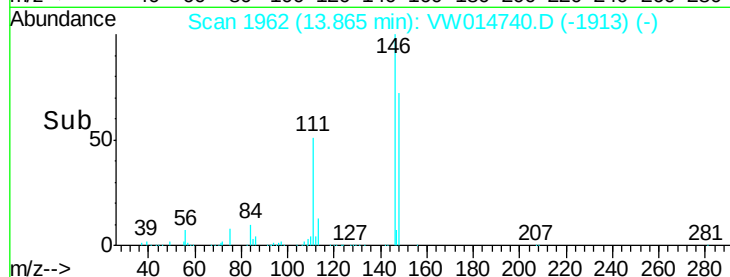
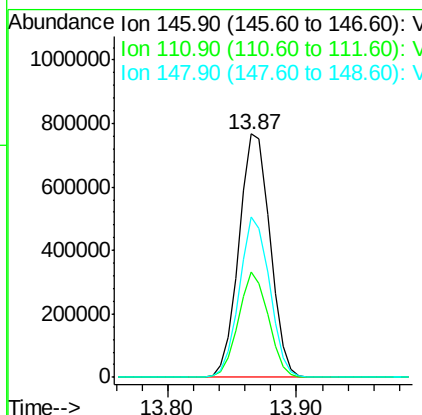
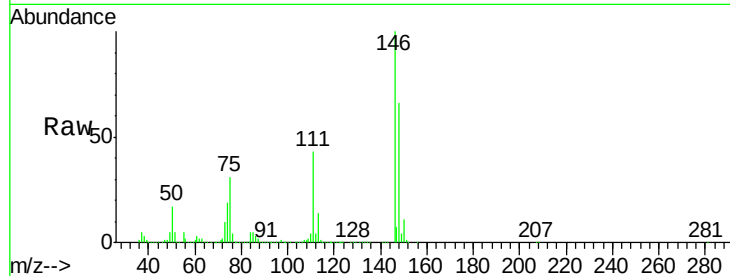
#91
 1,2-Dichlorobenzene
 Concen: 90.862 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.7	62.1
148	64.1	32.5	97.4

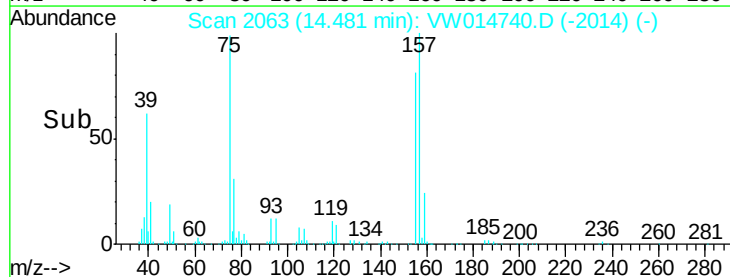
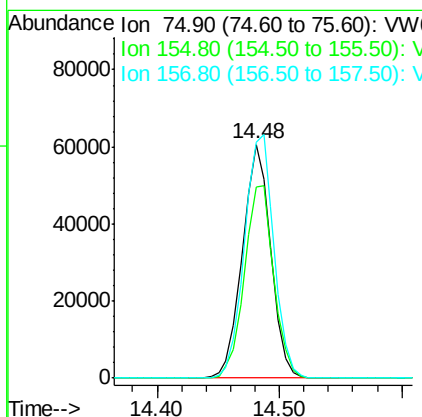
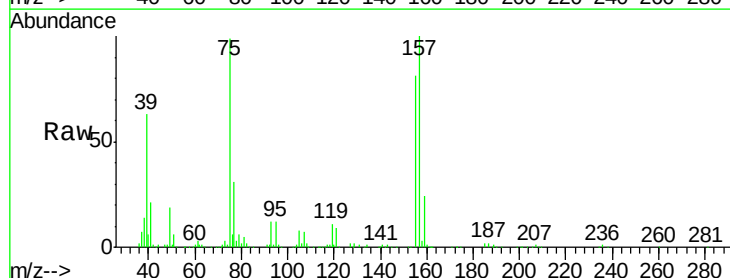
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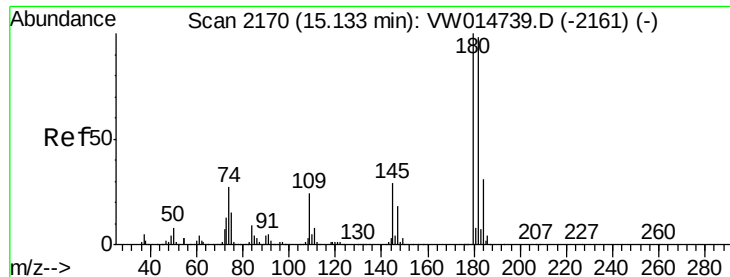
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 97.846 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014740.D
 Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	42.5	127.5
157	108.4	54.8	164.4





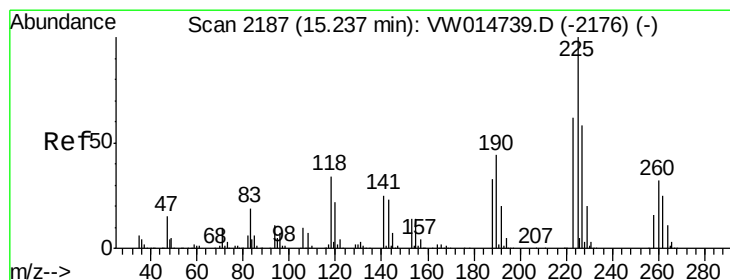
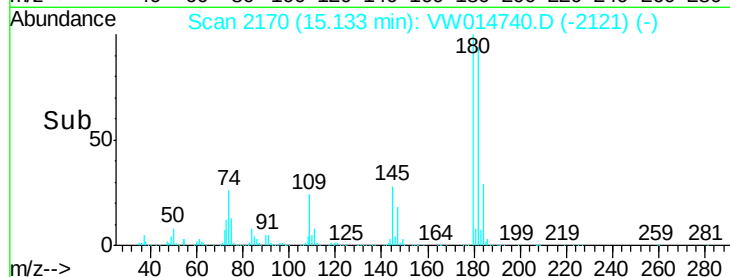
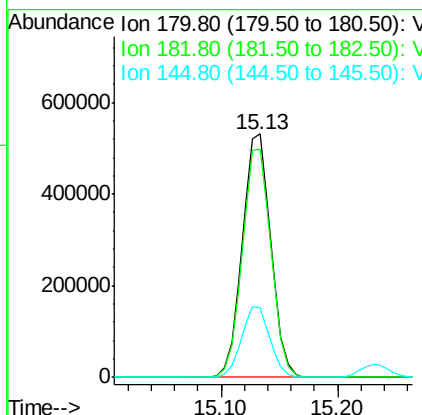
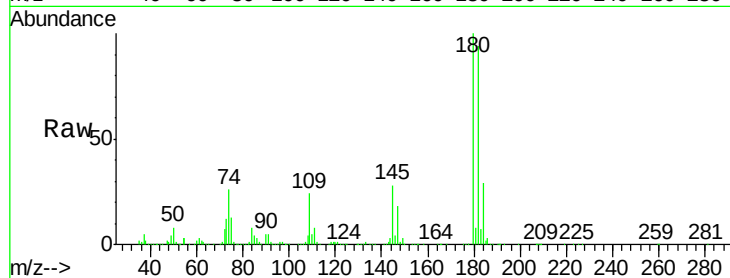
#93
1,2,4-Trichlorobenzene
Concen: 96.158 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	907438		
182	94.7	48.6	145.9	
145	29.0	14.7	44.1	

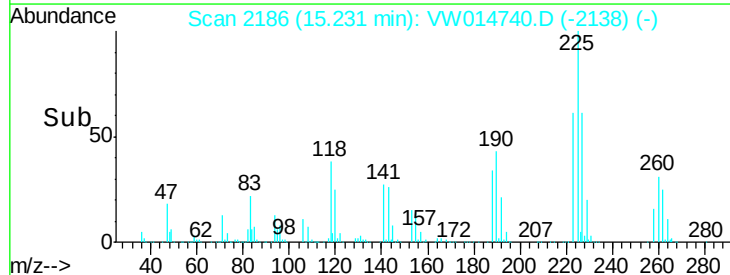
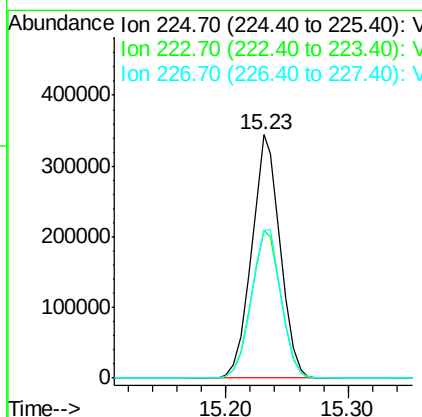
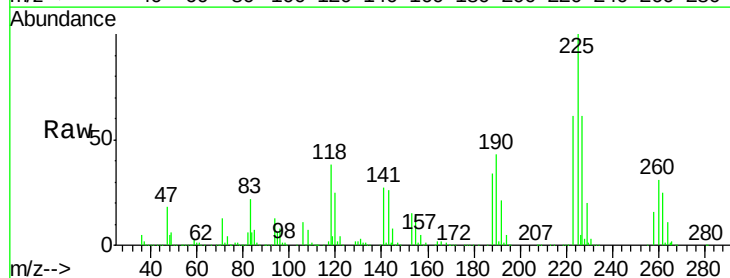
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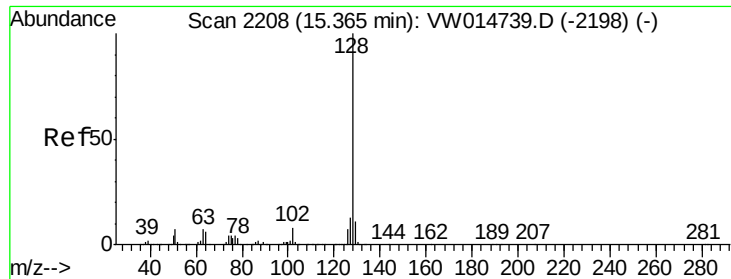
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#94
Hexachlorobutadiene
Concen: 86.989 ug/l
RT: 15.23 min Scan# 2186
Delta R.T. -0.01 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	554590		
223	63.6	31.4	94.3	
227	64.1	30.9	92.8	





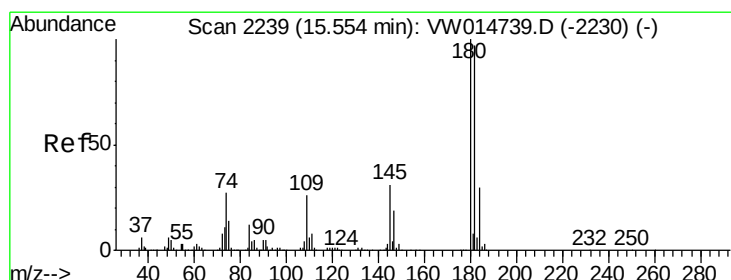
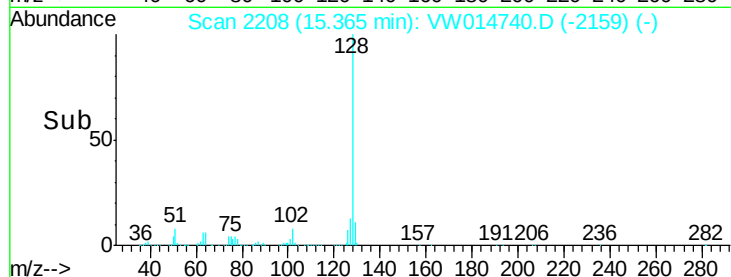
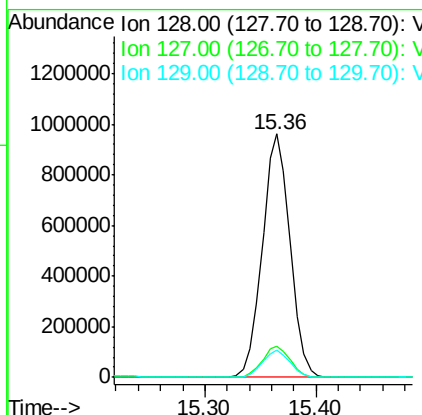
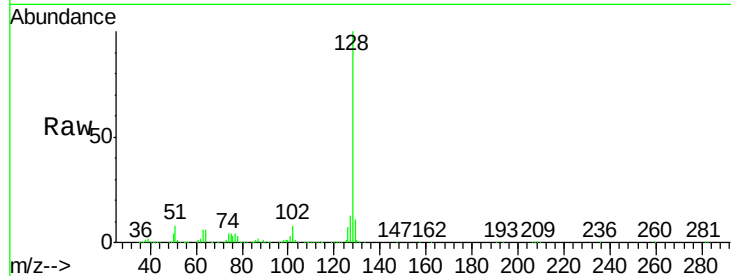
#95
Naphthalene
Concen: 104.414 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
1/27/2020 12:04:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 94.724 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014740.D
Acq: 24 Jan 2020 12:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.2	141.6
145	31.2	15.4	46.4

