

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016861.D
 Acq On : 09 Oct 2020 15:00
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 10/12/2020 1:58:47 PM

Quant Time: Oct 10 05:09:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 04:56:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	394188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	569204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	511008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	267357	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	165550	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
35) Dibromofluoromethane	7.88	113	176795	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.32	98	663534	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.62	95	237499	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	93537	43.503	ug/l	100
3) Chloromethane	2.21	50	108837	46.168	ug/l	100
4) Vinyl Chloride	2.37	62	163801	48.049	ug/l	100
5) Bromomethane	2.79	94	126717	48.400	ug/l	100
6) Chloroethane	2.93	64	106900	49.275	ug/l	100
7) Trichlorofluoromethane	3.26	101	127571	51.400	ug/l	100
8) Diethyl Ether	3.68	74	79680	51.400	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	164097	49.103	ug/l	100
10) Methyl Iodide	4.28	142	270604	50.649	ug/l	100
11) Tert butyl alcohol	5.21	59	42211	249.351	ug/l	100
12) 1,1-Dichloroethene	4.04	96	163601	49.595	ug/l	100
13) Acrolein	3.90	56	51234	241.850	ug/l	100
14) Allyl chloride	4.67	41	202656	51.323	ug/l	100
15) Acrylonitrile	5.38	53	139452	270.251	ug/l	100
16) Acetone	4.14	43	136168	262.214	ug/l	100
17) Carbon Disulfide	4.39	76	441325	50.285	ug/l	100
18) Methyl Acetate	4.68	43	62243	52.258	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	186900	52.569	ug/l	100
20) Methylene Chloride	4.92	84	180653	43.900	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	188734	50.965	ug/l	100
22) Diisopropyl ether	6.32	45	370613	51.642	ug/l	100
23) Vinyl Acetate	6.26	43	1247376	271.257	ug/l	100
24) 1,1-Dichloroethane	6.22	63	285759	50.216	ug/l	100
25) 2-Butanone	7.18	43	188293	271.978	ug/l	100
26) 2,2-Dichloropropane	7.17	77	172068	49.422	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	201459	50.793	ug/l	100
28) Bromochloromethane	7.52	49	121120	53.180	ug/l	100
29) Tetrahydrofuran	7.54	42	105153	271.166	ug/l	100
30) Chloroform	7.68	83	313602	50.692	ug/l	100
31) Cyclohexane	7.96	56	228906	47.159	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	262109	50.230	ug/l	100
36) 1,1-Dichloropropene	8.09	75	245611	49.902	ug/l	100
37) Ethyl Acetate	7.26	43	85615	53.253	ug/l	100
38) Carbon Tetrachloride	8.07	117	253973	49.640	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	286042	50.975	ug/l	100
40) Benzene	8.33	78	691395	50.427	ug/l	100
41) Methacrylonitrile	7.49	41	48743	70.659	ug/l	100
42) 1,2-Dichloroethane	8.40	62	191893	51.166	ug/l	100
43) Isopropyl Acetate	8.43	43	165166	53.628	ug/l	100
44) Trichloroethene	9.10	130	210387	49.577	ug/l	100
45) 1,2-Dichloropropane	9.37	63	157110	50.249	ug/l	100
46) Dibromomethane	9.46	93	92012	51.451	ug/l	100
47) Bromodichloromethane	9.65	83	228548	51.398	ug/l	100
48) Methyl methacrylate	9.44	41	77868	54.866	ug/l	100
49) 1,4-Dioxane	9.47	88	22472	1092.430	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	420957	270.178	ug/l	100
52) Toluene	10.39	92	461186	50.885	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	216837	53.565	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	261073	52.801	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	132111	51.899	ug/l	100
56) Ethyl methacrylate	10.65	69	151801	54.818	ug/l	100
57) 1,3-Dichloropropane	10.93	76	220623	52.386	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	406781	265.083	ug/l	100
59) 2-Hexanone	10.97	43	289020	280.361	ug/l	100
60) Dibromochloromethane	11.13	129	164393	52.653	ug/l	100
61) 1,2-Dibromoethane	11.24	107	131156	52.027	ug/l	100
64) Tetrachloroethene	10.87	164	183926	50.519	ug/l	100
65) Chlorobenzene	11.66	112	507540	50.637	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	179574	50.661	ug/l	100
67) Ethyl Benzene	11.73	91	895657	51.280	ug/l	100
68) m/p-Xylenes	11.84	106	696812	102.579	ug/l	100
69) o-Xylene	12.17	106	323743	51.935	ug/l	100
70) Styrene	12.18	104	546662	52.691	ug/l	100
71) Bromoform	12.35	173	94337	53.012	ug/l #	100
73) Isopropylbenzene	12.47	105	896269	50.436	ug/l	100
74) N-amyl acetate	12.27	43	155400	54.443	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	144099	51.682	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	100295m	58.149	ug/l	
77) Bromobenzene	12.75	156	222017	50.542	ug/l	100
78) n-propylbenzene	12.80	91	1032648	50.389	ug/l	100
79) 2-Chlorotoluene	12.90	91	587351	50.241	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	761694	51.146	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	41656	56.126	ug/l	100
82) 4-Chlorotoluene	12.99	91	606949	50.292	ug/l	100
83) tert-Butylbenzene	13.21	119	661566	51.148	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	757063	51.017	ug/l	100
85) sec-Butylbenzene	13.38	105	914097	50.772	ug/l	100
86) p-Isopropyltoluene	13.50	119	844731	50.387	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	418213	49.233	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	418508	49.995	ug/l	100
89) n-Butylbenzene	13.82	91	784620	51.951	ug/l	100
90) Hexachloroethane	14.10	117	133276	51.521	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	366816	50.049	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23028	53.932	ug/l	100

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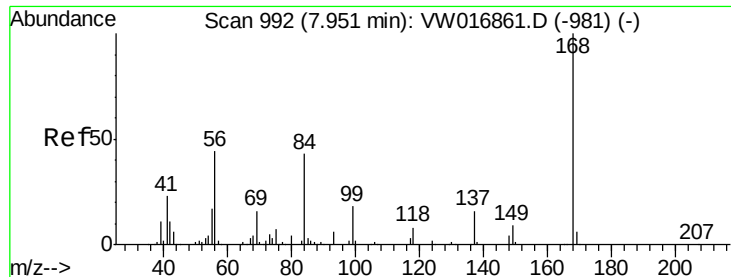
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	266824	52.763	ug/l	100
94) Hexachlorobutadiene	15.24	225	163296	49.813	ug/l	100
95) Naphthalene	15.37	128	454933	55.352	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	224470	51.023	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 394188

Ion Ratio Lower Upper

168 100

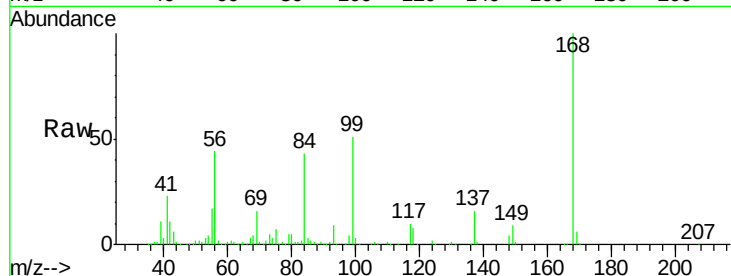
99 50.9 40.7 61.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

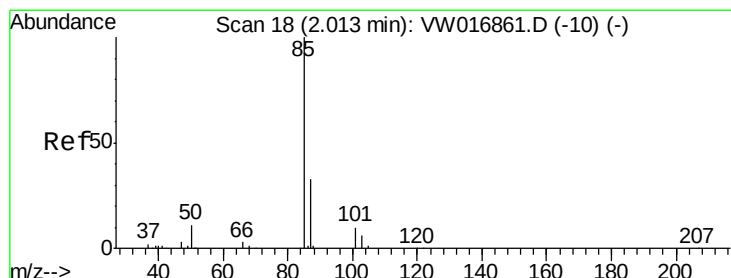
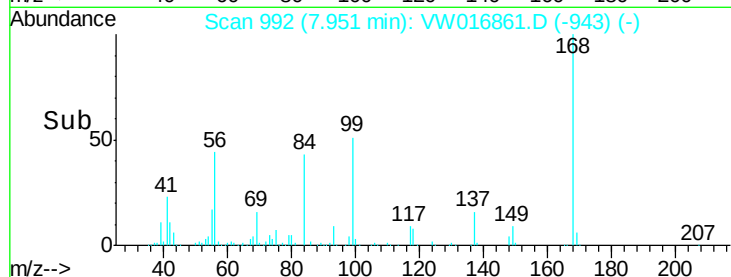
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 43.503 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW016861.D

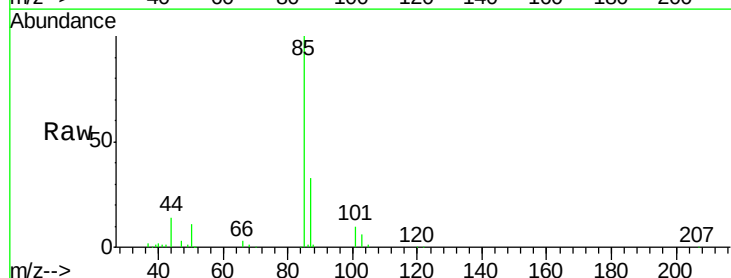
Acq: 09 Oct 2020 15:00

Tgt Ion: 85 Resp: 93537

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

40000

30000

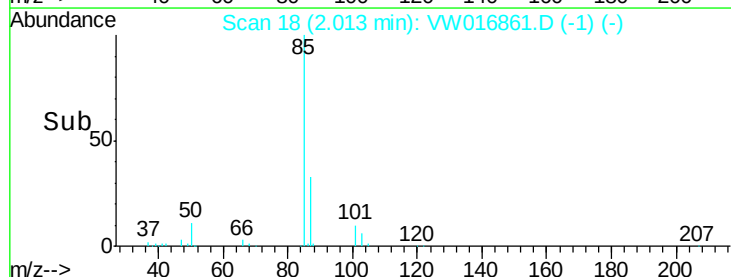
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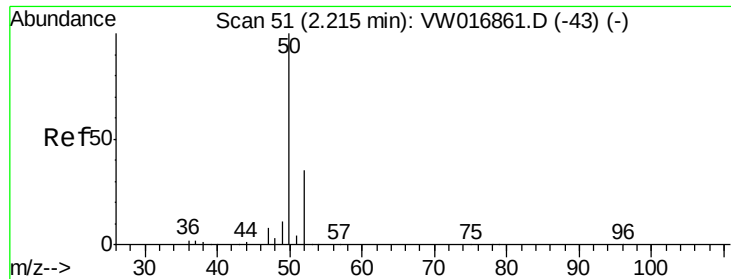
10000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 46.168 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 108837

Ion Ratio Lower Upper

50 100

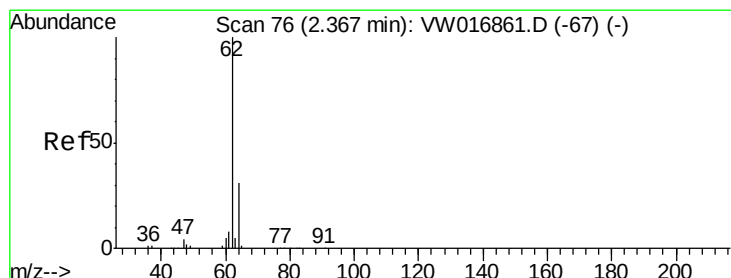
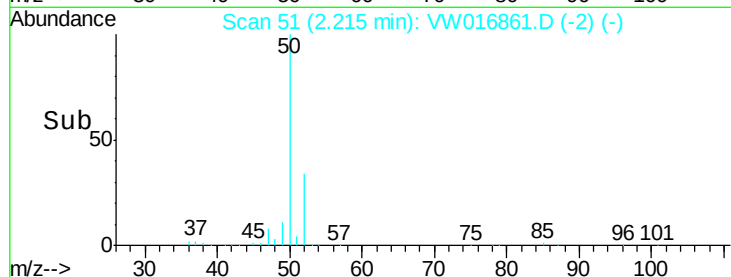
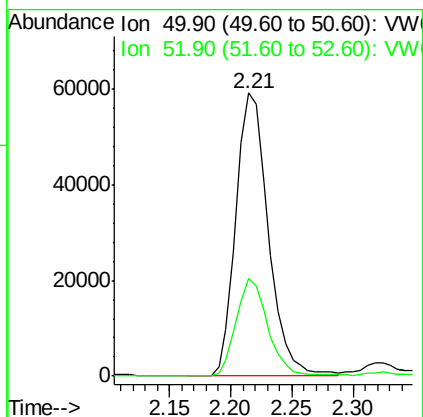
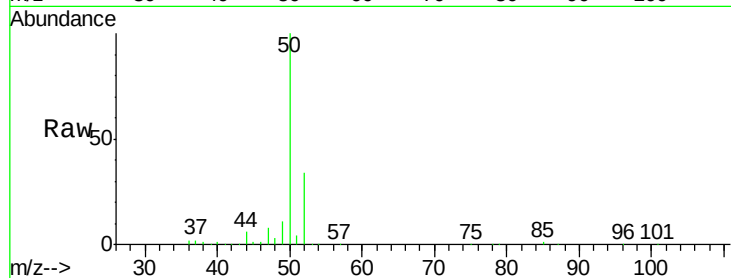
52 34.5 27.6 41.4

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#4

Vinyl Chloride

Concen: 48.049 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016861.D

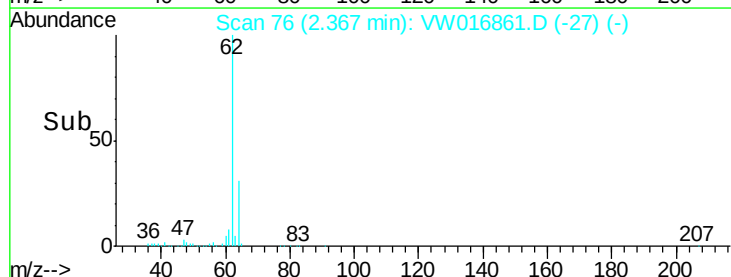
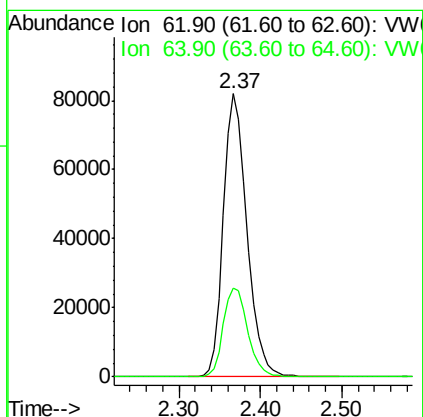
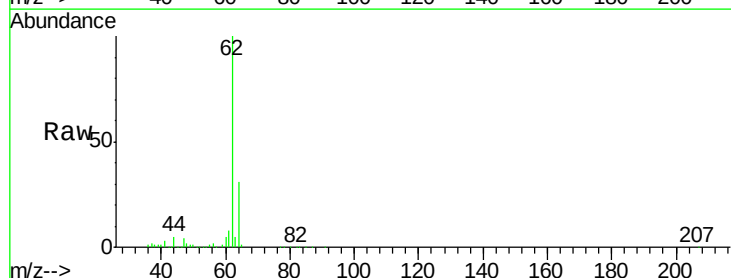
Acq: 09 Oct 2020 15:00

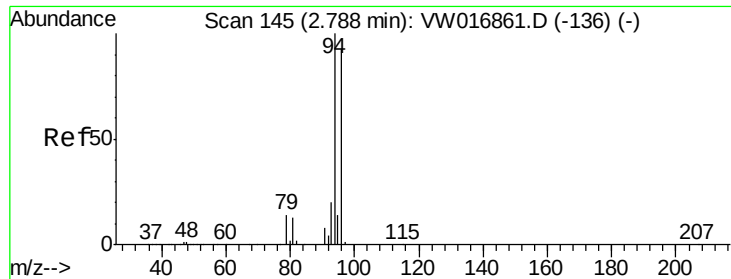
Tgt Ion: 62 Resp: 163801

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.4





#5

Bromomethane

Concen: 48.400 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 126717

Ion Ratio Lower Upper

94 100

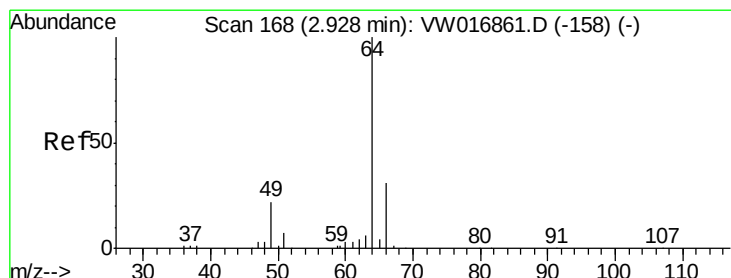
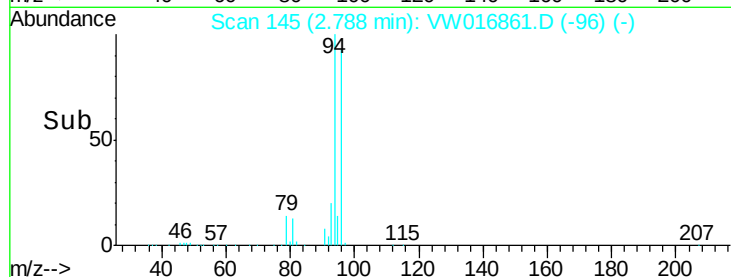
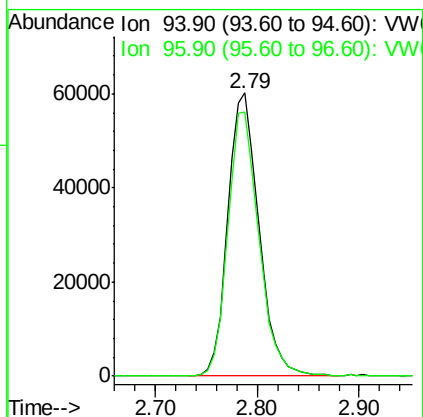
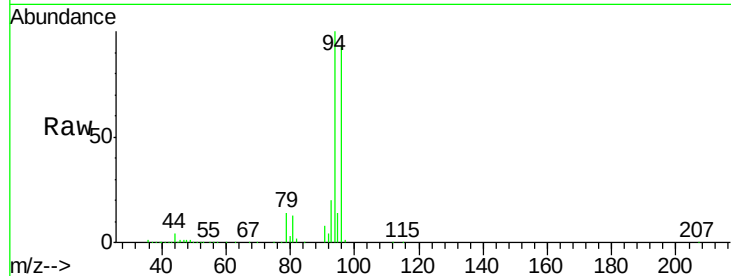
96 93.4 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 49.275 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016861.D

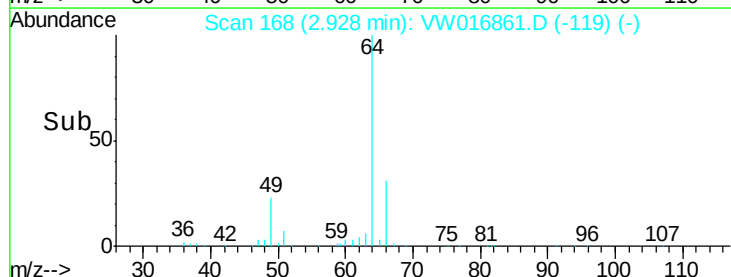
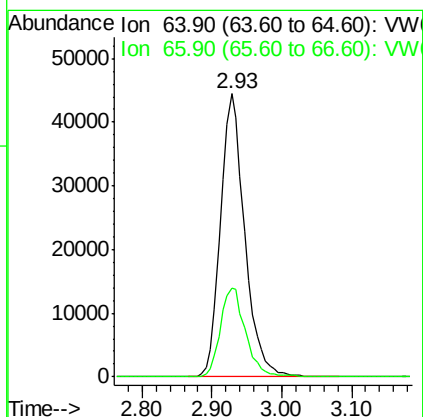
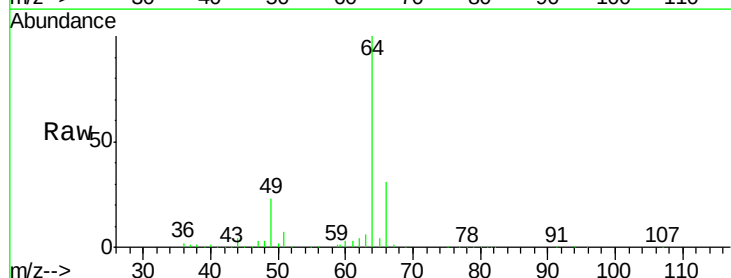
Acq: 09 Oct 2020 15:00

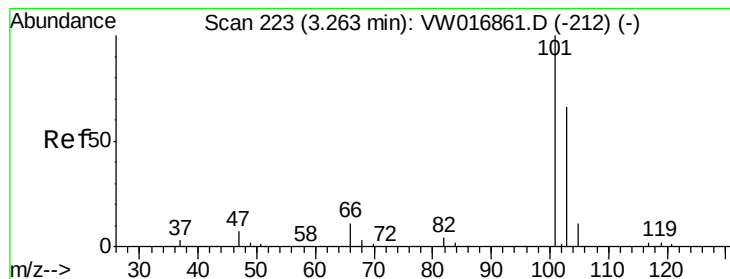
Tgt Ion: 64 Resp: 106900

Ion Ratio Lower Upper

64 100

66 31.3 25.0 37.6





#7

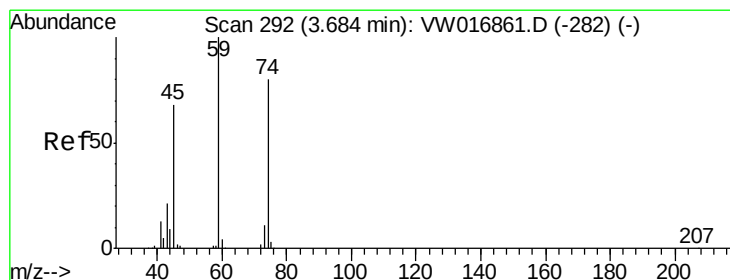
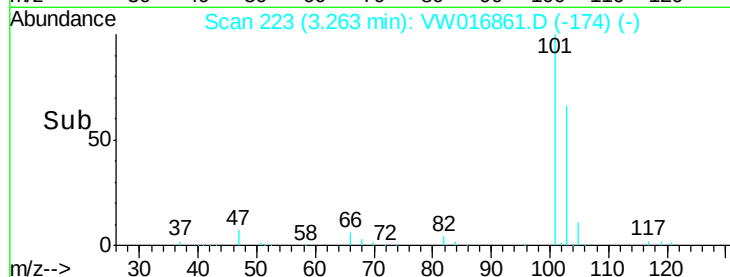
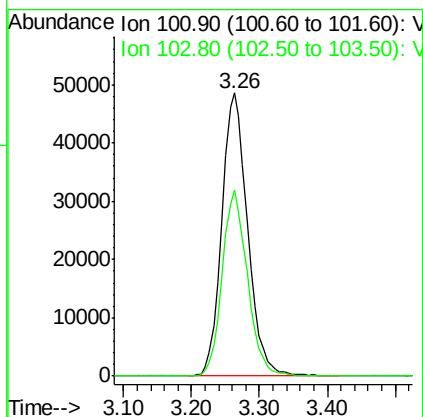
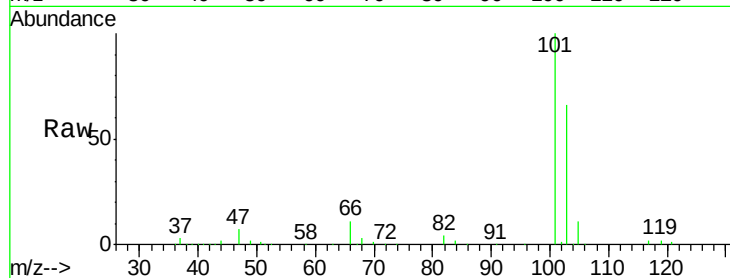
Trichlorofluoromethane
Concen: 51.400 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
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ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.6	79.0

Manual Integrations
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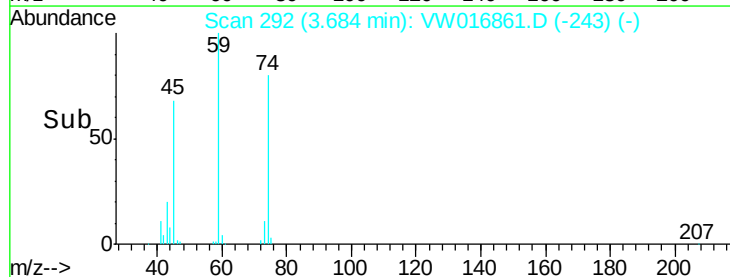
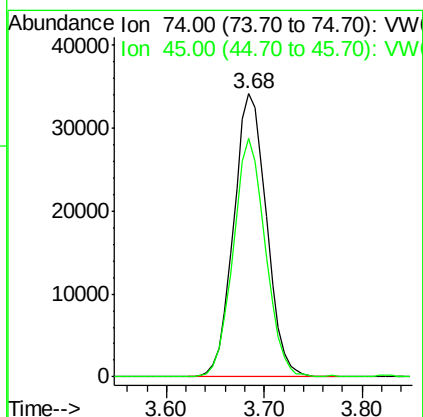
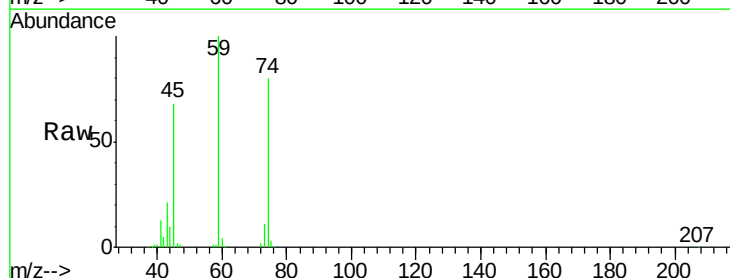
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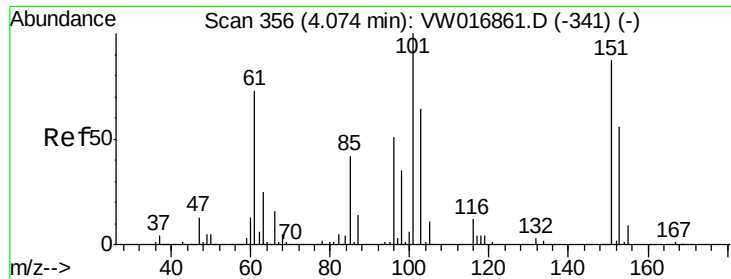


#8

Diethyl Ether
Concen: 51.400 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.3	41.1	123.4





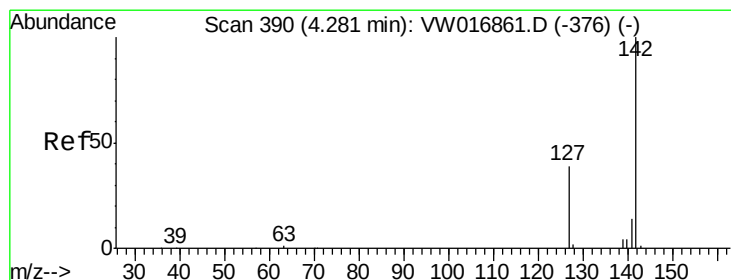
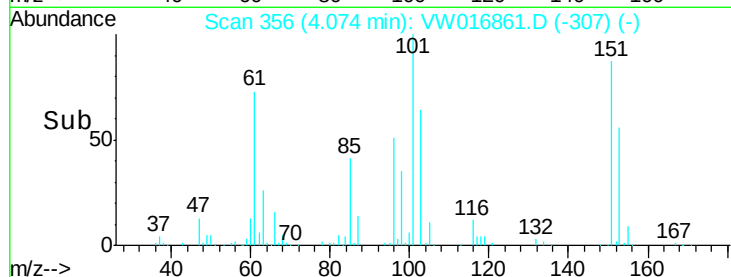
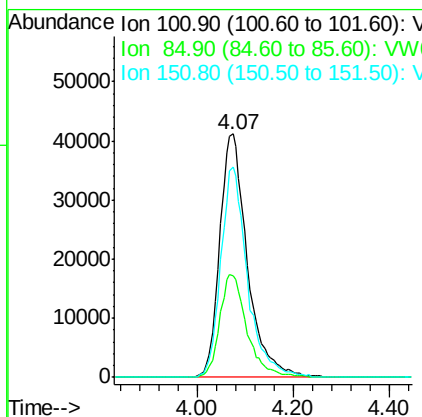
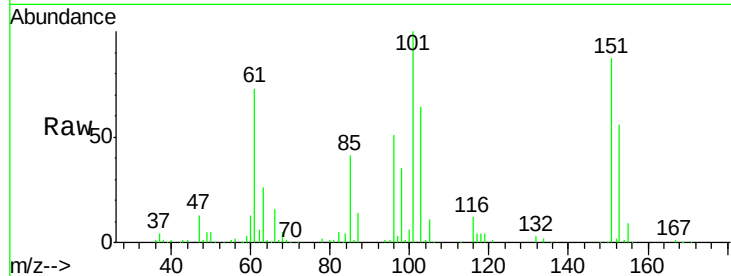
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.103 ug/l
 RT: 4.07 min Scan# 356
 Delta R.T. 0.00 min
 Lab File: VW016861.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	164097		
85	41.5	33.2	49.8	
151	83.3	66.6	100.0	

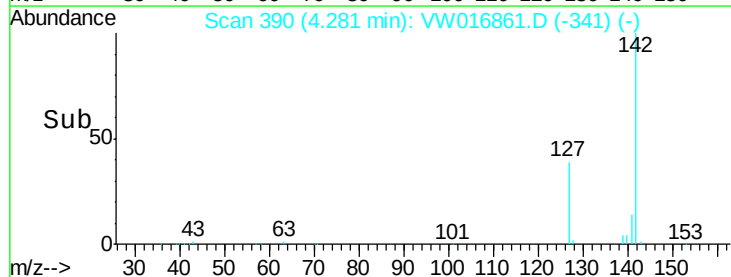
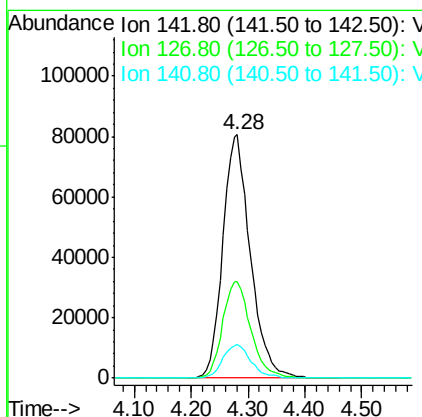
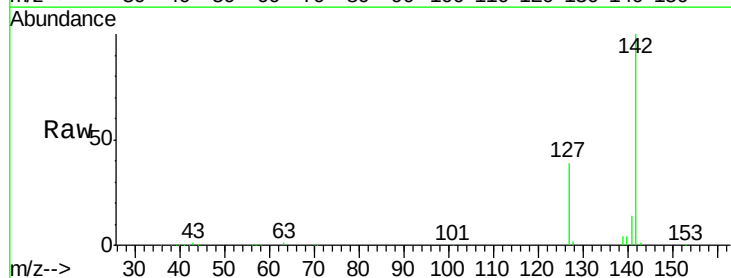
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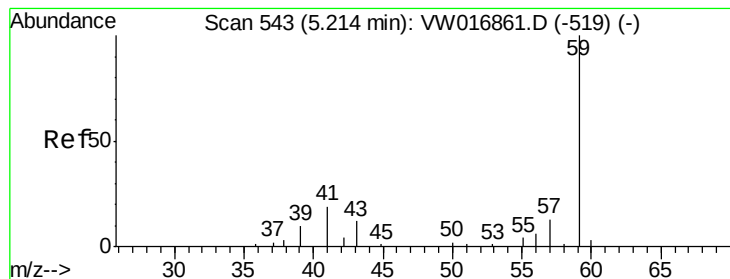
apatel
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#10
 Methyl Iodide
 Concen: 50.649 ug/l
 RT: 4.28 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	270604		
127	40.5	32.4	48.6	
141	14.2	11.4	17.0	





#11

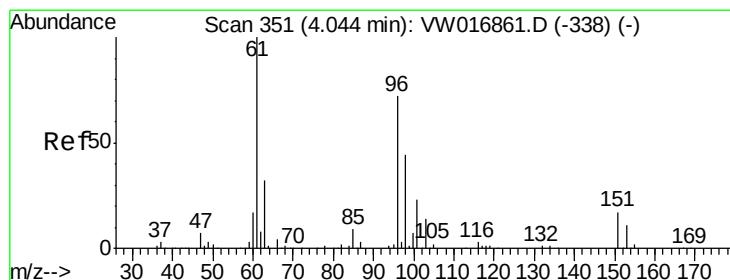
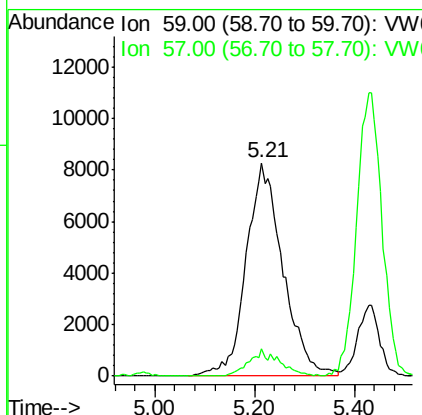
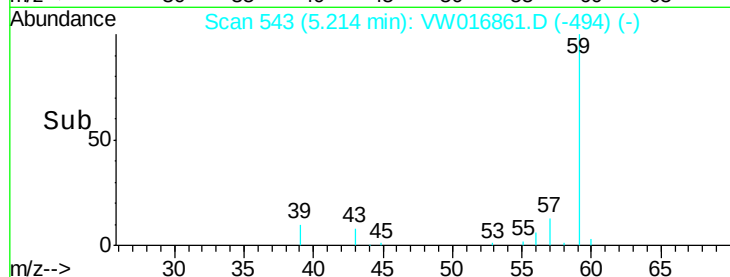
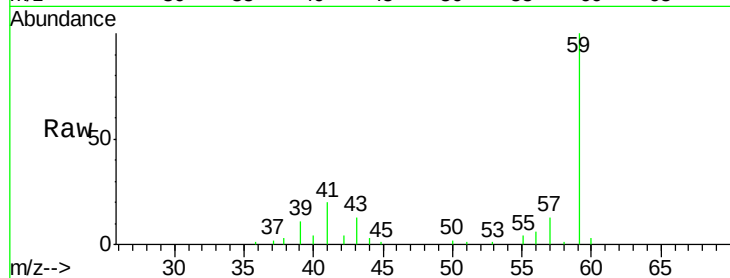
Tert butyl alcohol
 Concen: 249.351 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	59	Resp	42211
Ion Ratio	100	Lower	Upper
57	5.9	4.7	7.1

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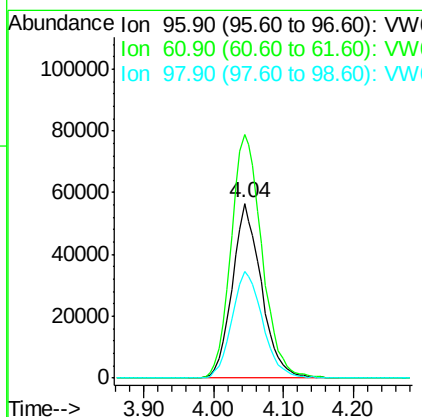
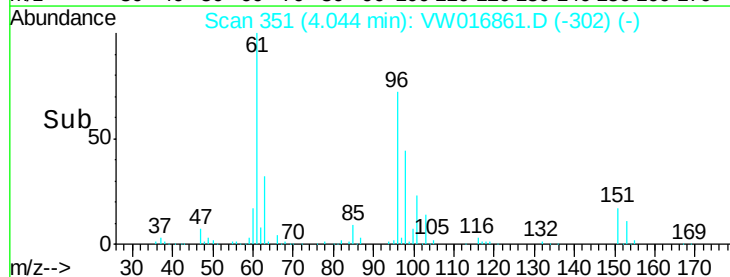
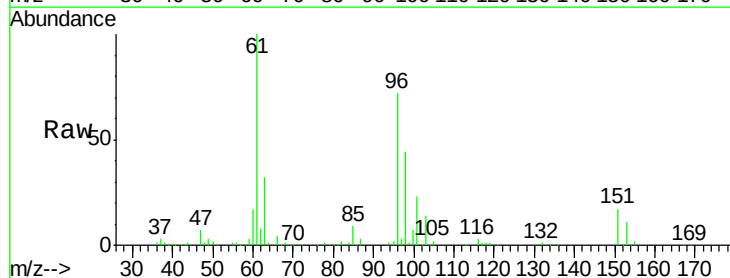
apatel
 10/12/2020 1:58:47 PM

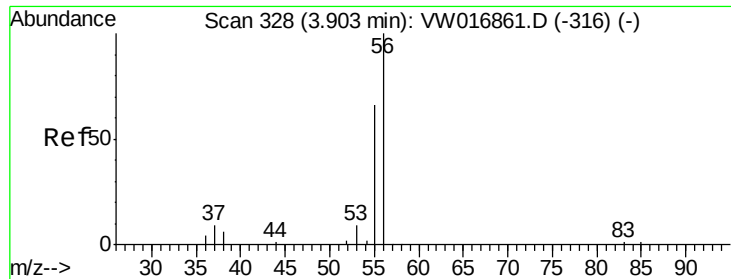


#12

1,1-Dichloroethene
 Concen: 49.595 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion	96	Resp	163601
Ion Ratio	100	Lower	Upper
61	139.6	111.7	167.5
98	61.2	49.0	73.4





#13

Acrolein

Concen: 241.850 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 51234

Ion Ratio Lower Upper

56 100

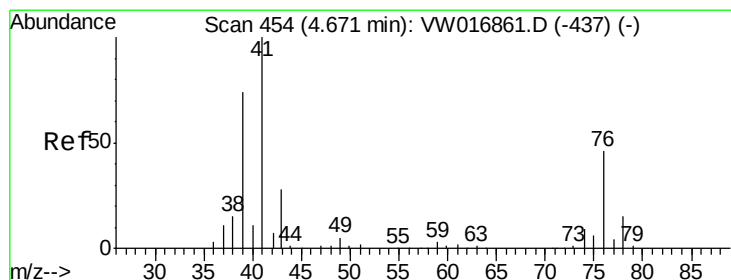
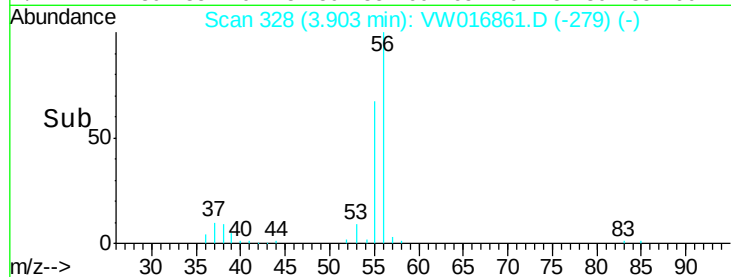
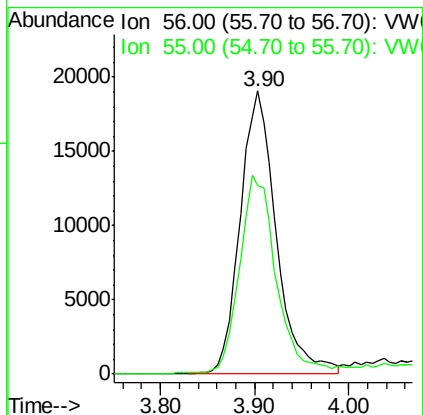
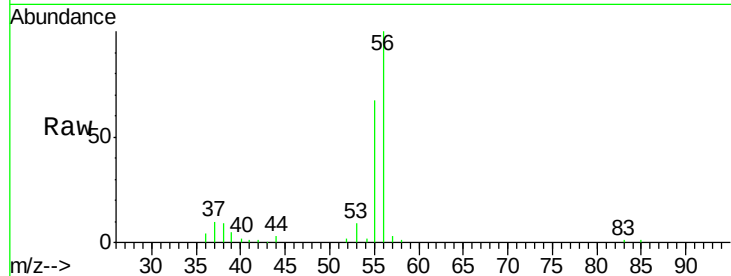
55 69.9 55.9 83.9

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#14

Allyl chloride

Concen: 51.323 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

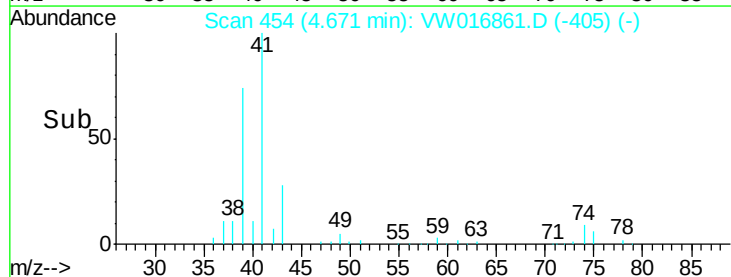
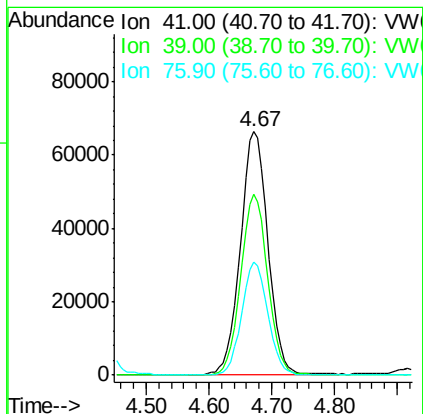
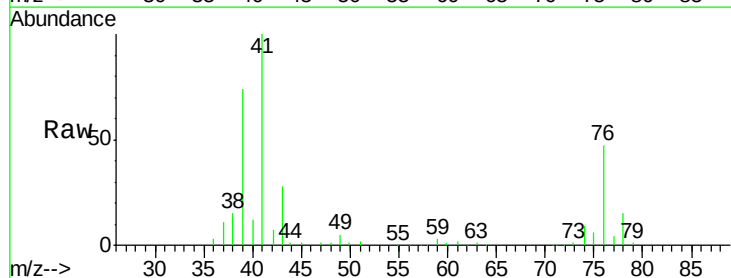
Tgt Ion: 41 Resp: 202656

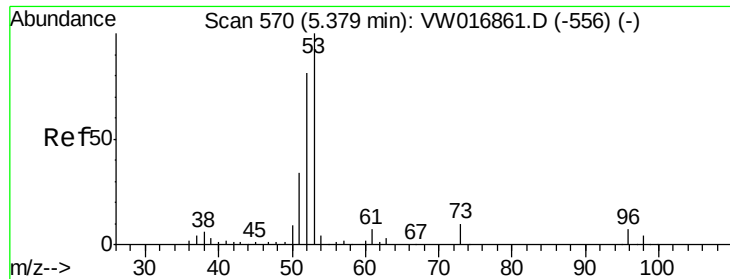
Ion Ratio Lower Upper

41 100

39 72.3 57.8 86.8

76 43.9 35.1 52.7





#15

Acrylonitrile

Concen: 270.251 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

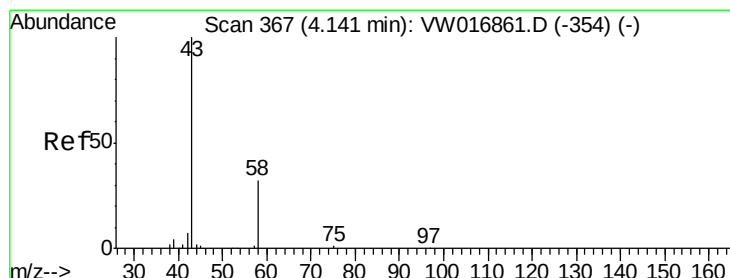
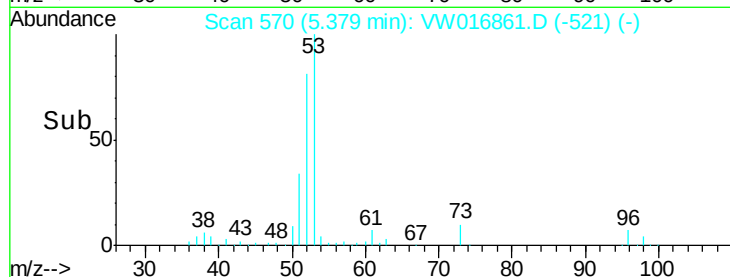
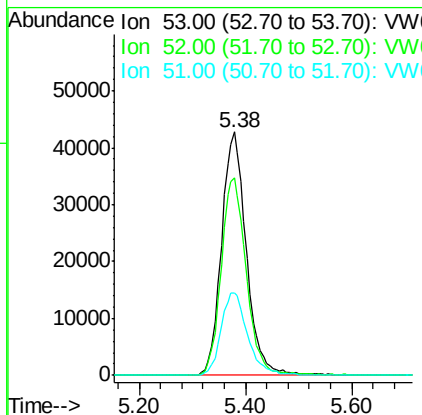
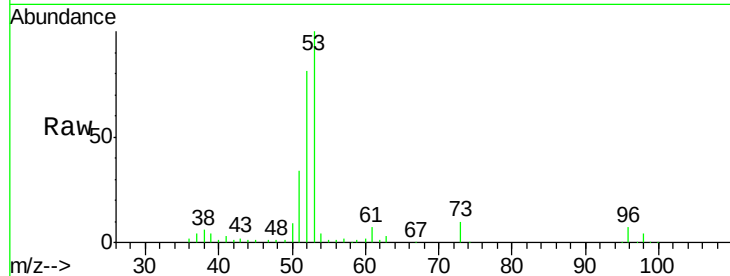
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	139452
Ion Ratio	Lower	Upper	
53	100		
52	81.2	65.0	97.4
51	36.4	29.1	43.7

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#16

Acetone

Concen: 262.214 ug/l

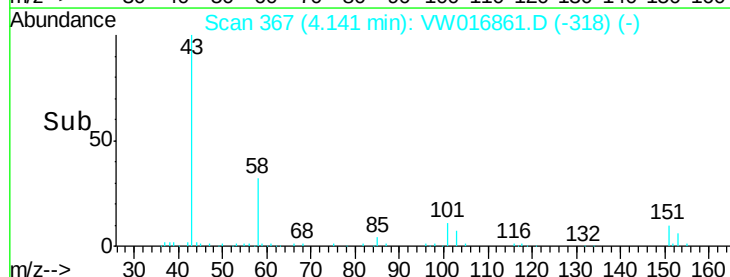
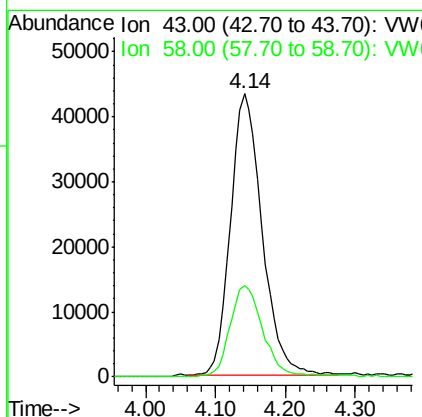
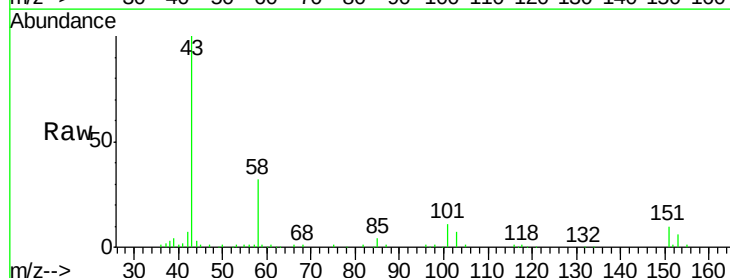
RT: 4.14 min Scan# 367

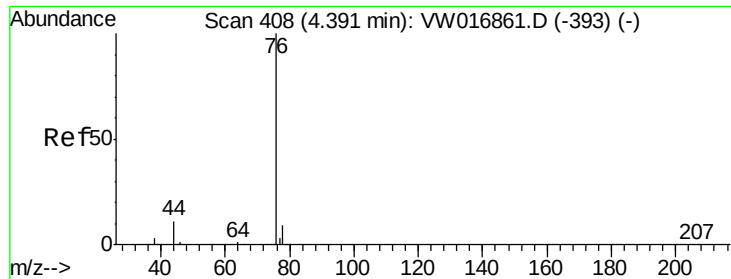
Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Tgt Ion:	43	Resp:	136168
Ion Ratio	Lower	Upper	
43	100		
58	32.1	25.7	38.5





#17

Carbon Disulfide

Concen: 50.285 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 441325

Ion Ratio Lower Upper

76 100

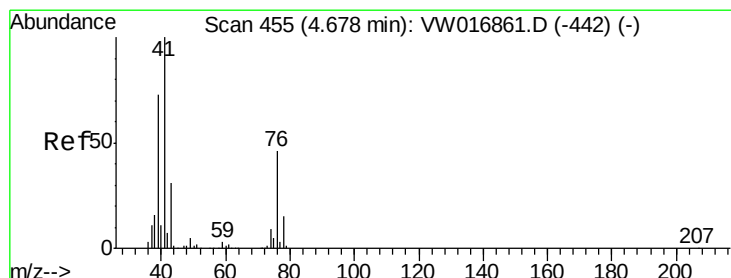
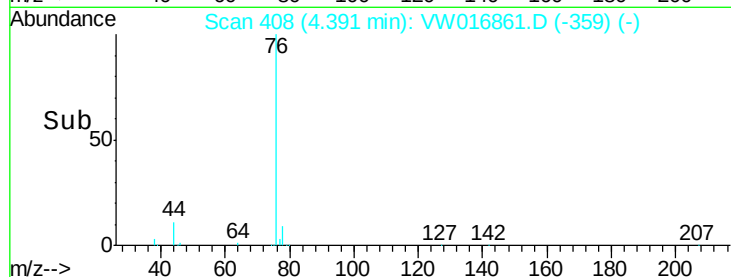
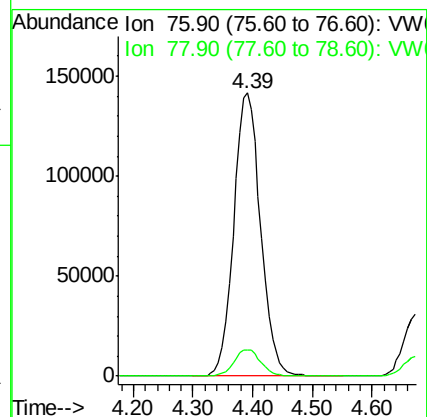
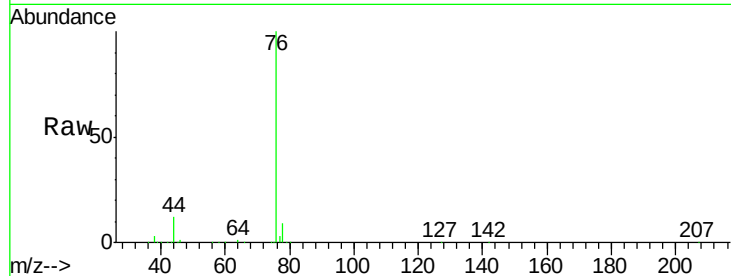
78 9.3 7.4 11.2

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#18

Methyl Acetate

Concen: 52.258 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW016861.D

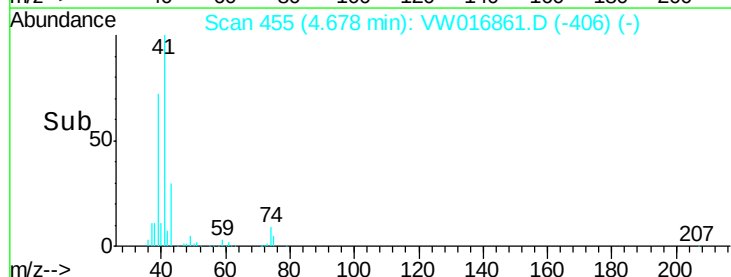
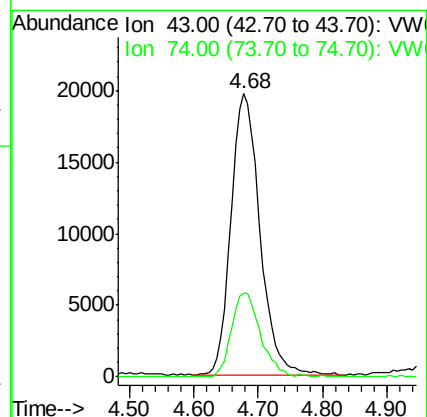
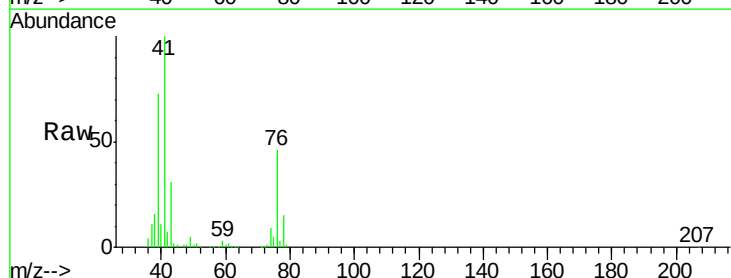
Acq: 09 Oct 2020 15:00

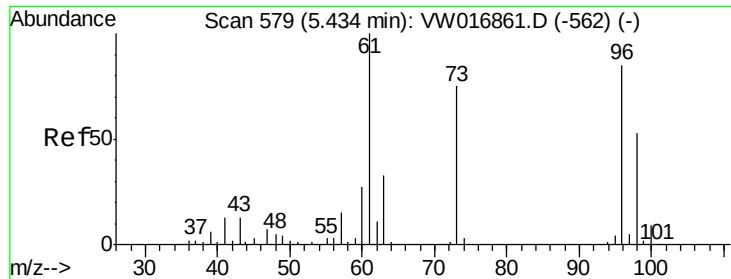
Tgt Ion: 43 Resp: 62243

Ion Ratio Lower Upper

43 100

74 29.7 23.8 35.6





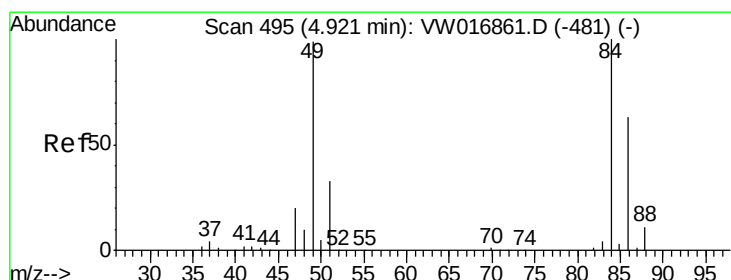
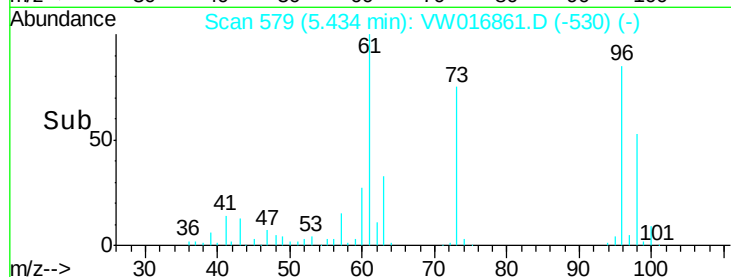
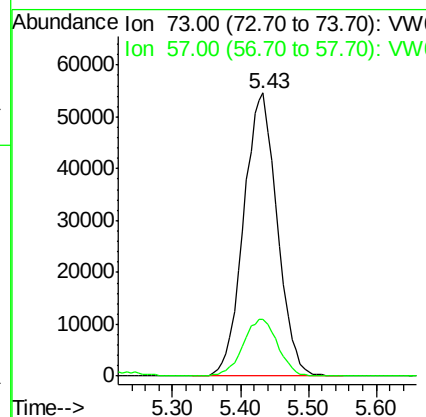
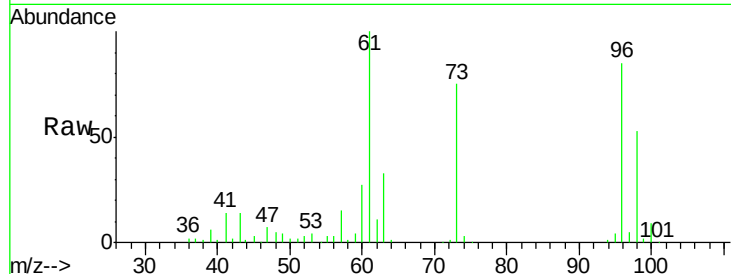
#19
Methyl tert-butyl Ether
Concen: 52.569 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 186900
Ion Ratio Lower Upper
73 100
57 20.1 16.1 24.1

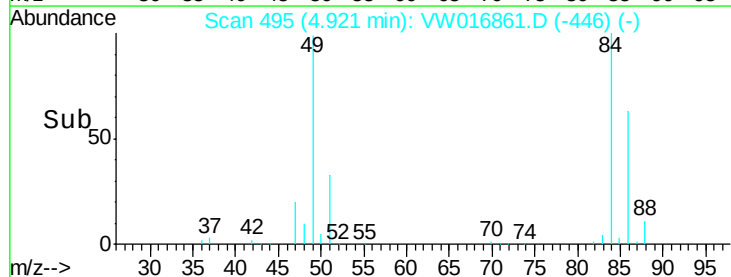
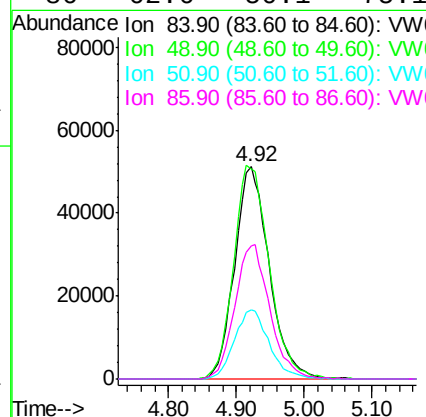
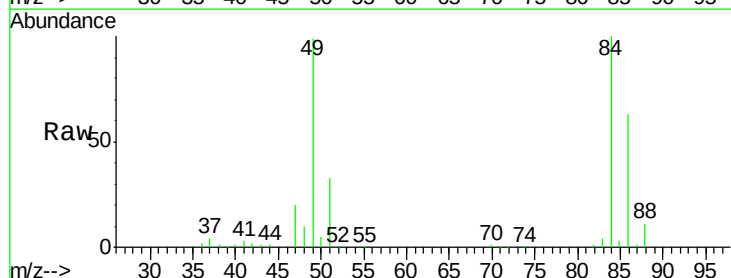
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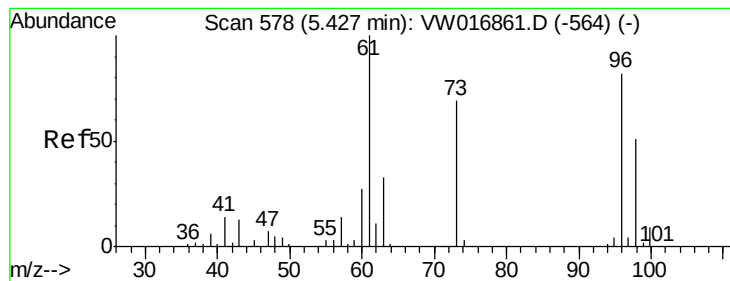
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#20
Methylene Chloride
Concen: 43.900 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion: 84 Resp: 180653
Ion Ratio Lower Upper
84 100
49 98.8 79.0 118.6
51 32.6 26.1 39.1
86 62.6 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 50.965 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

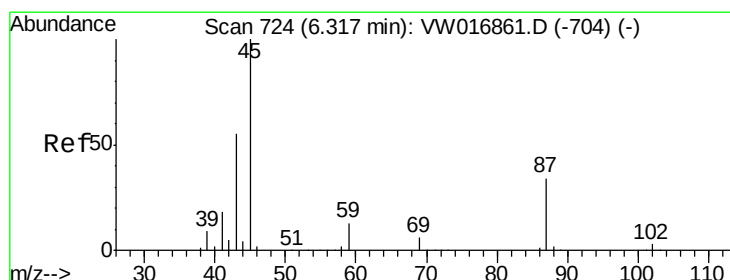
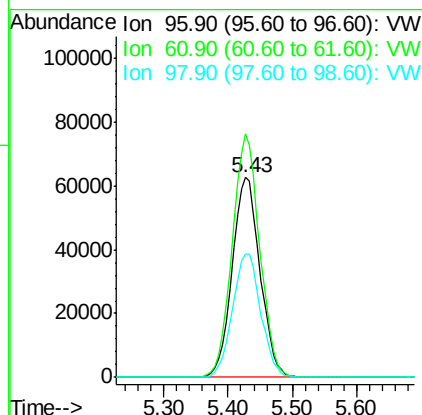
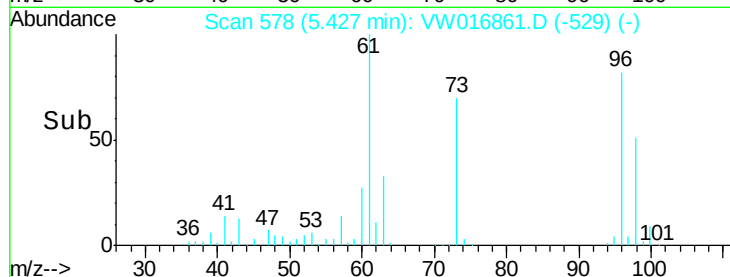
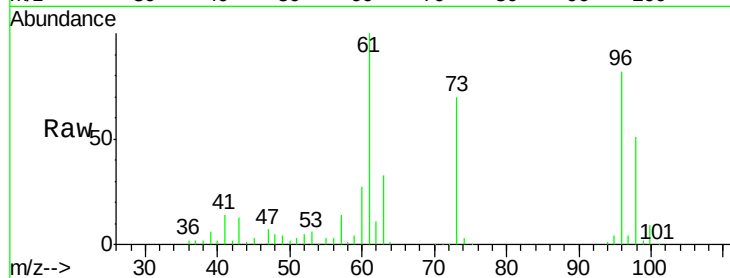
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	188734
Ion	Ratio	Lower	Upper
96	100		
61	121.7	97.4	146.0
98	61.7	49.4	74.0

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#22

Diisopropyl ether

Concen: 51.642 ug/l

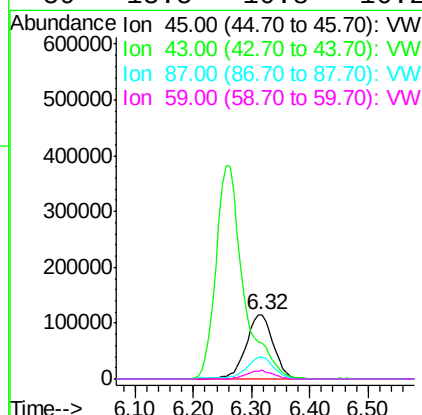
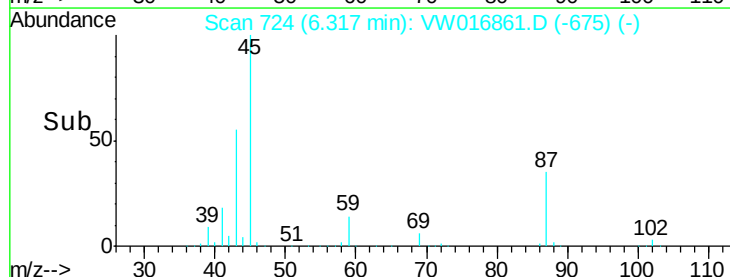
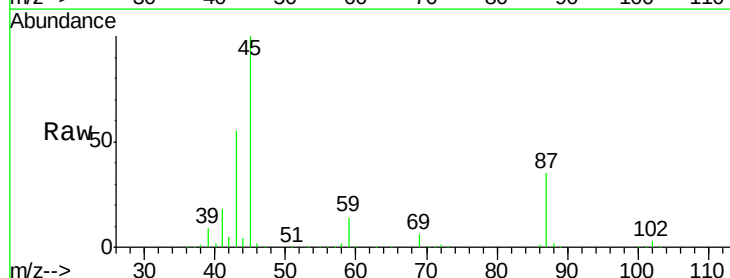
RT: 6.32 min Scan# 724

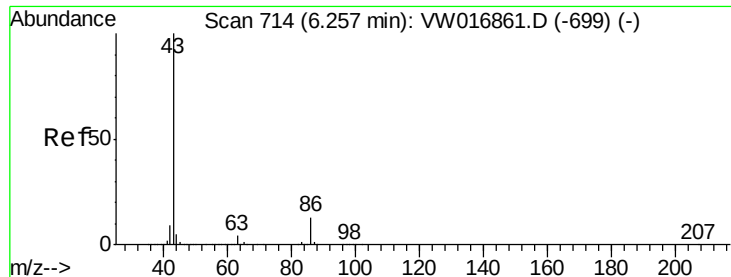
Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Tgt Ion:	45	Resp:	370613
Ion	Ratio	Lower	Upper
45	100		
43	54.8	43.8	65.8
87	34.5	27.6	41.4
59	13.5	10.8	16.2





#23

Vinyl Acetate

Concen: 271.257 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1247376

Ion Ratio Lower Upper

43 100

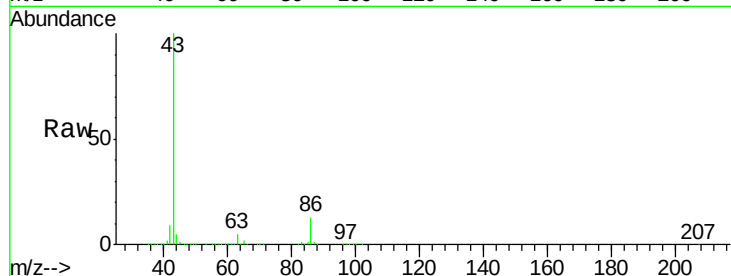
86 12.8 10.2 15.4

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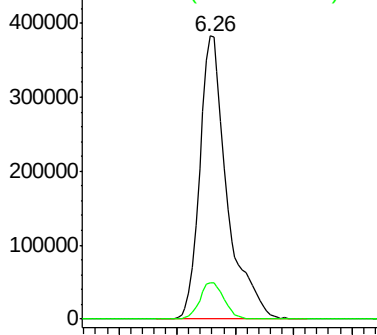
apatel

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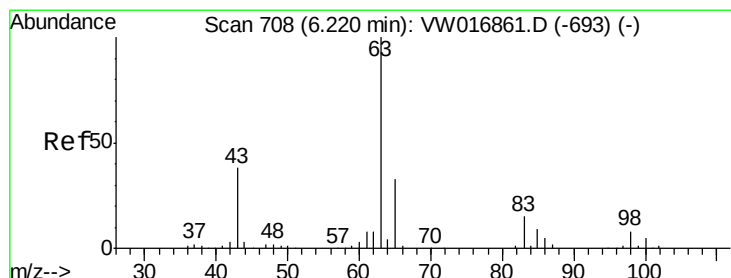
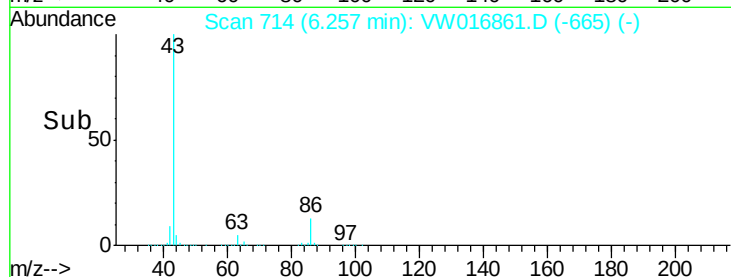


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 50.216 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

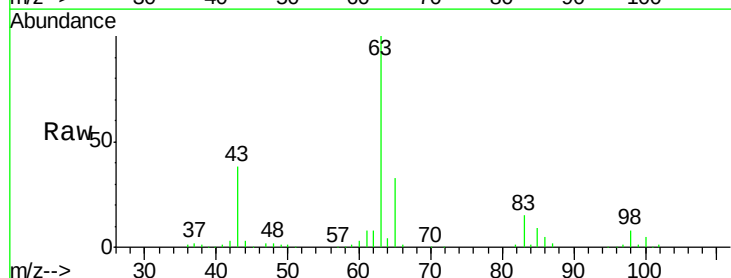
Tgt Ion: 63 Resp: 285759

Ion Ratio Lower Upper

63 100

98 8.4 4.2 12.6

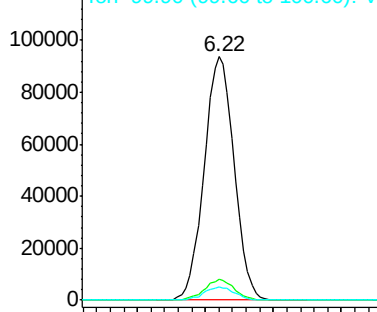
100 5.2 2.6 7.8



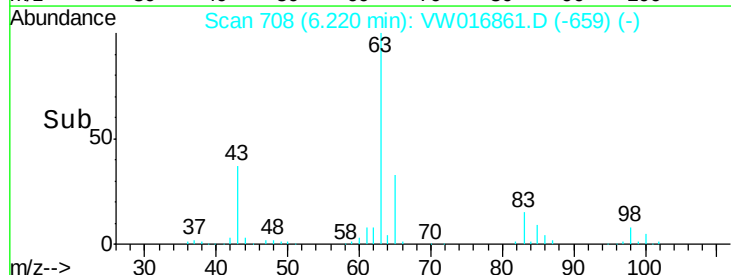
Abundance Ion 62.90 (62.60 to 63.60): VW

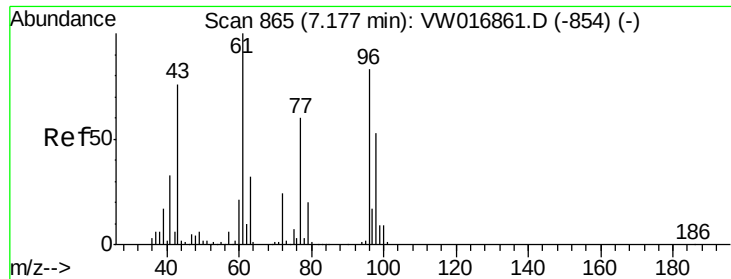
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 271.978 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 188293

Ion Ratio Lower Upper

43 100

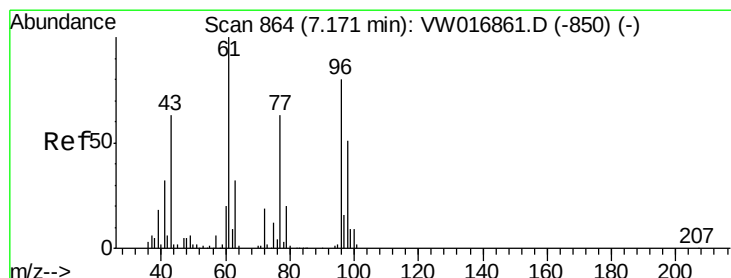
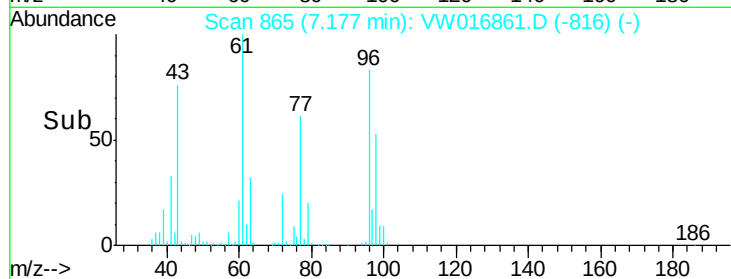
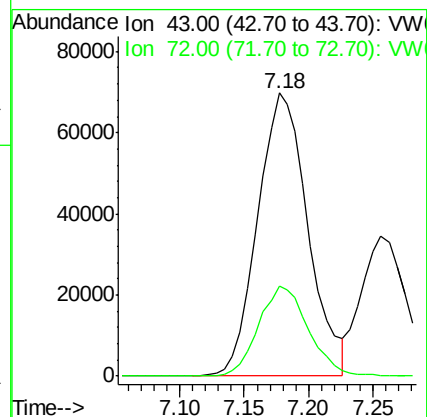
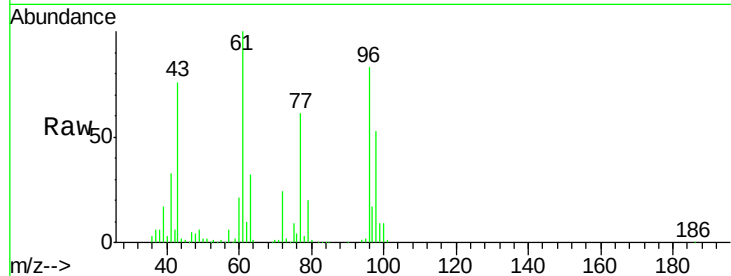
72 31.8 25.4 38.2

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#26

2,2-Dichloropropane

Concen: 49.422 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016861.D

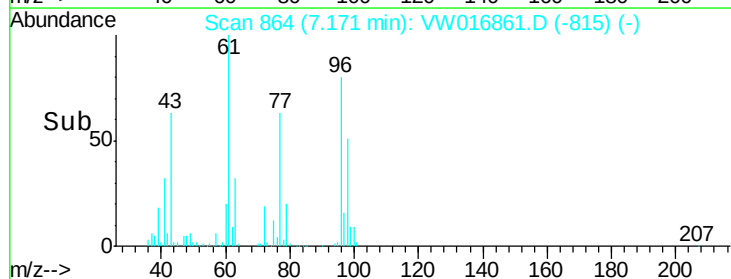
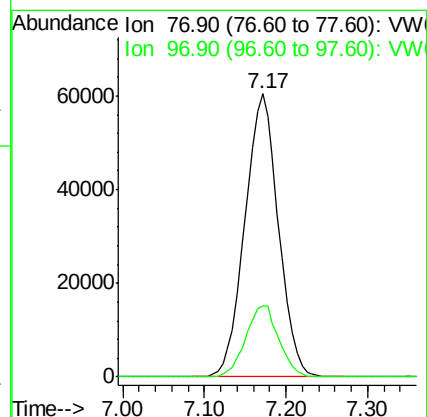
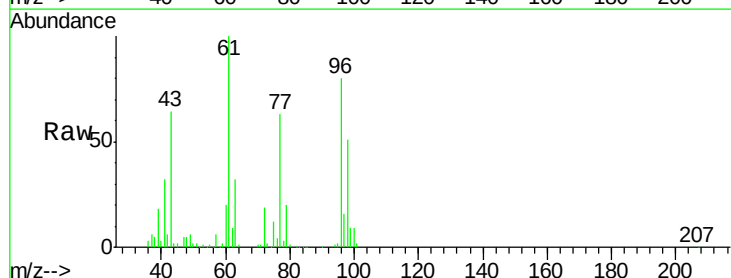
Acq: 09 Oct 2020 15:00

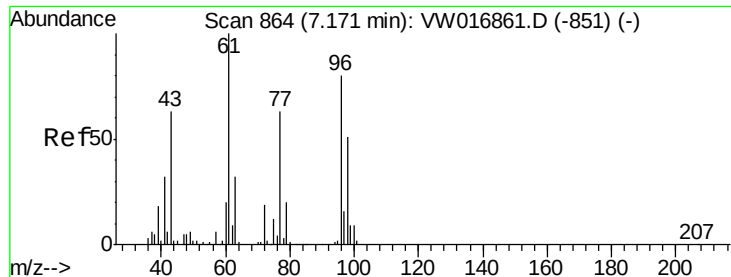
Tgt Ion: 77 Resp: 172068

Ion Ratio Lower Upper

77 100

97 24.9 12.4 37.4





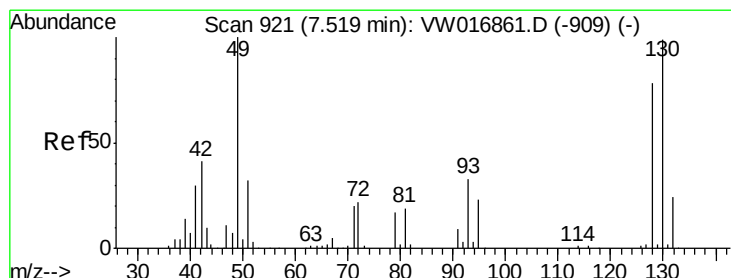
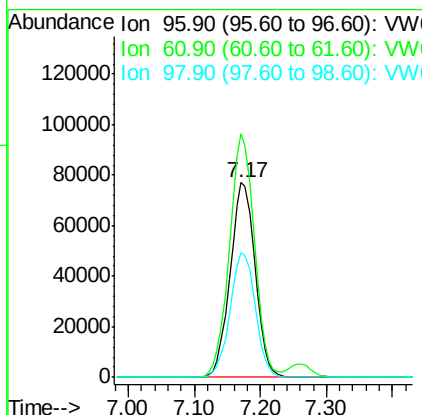
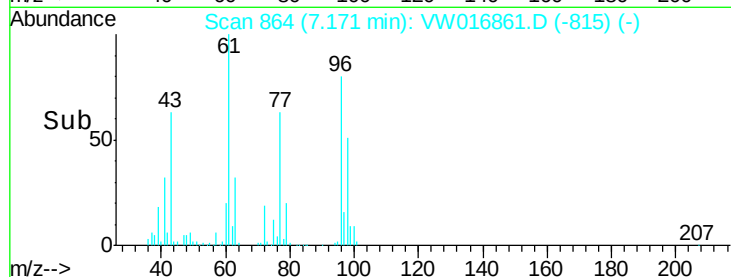
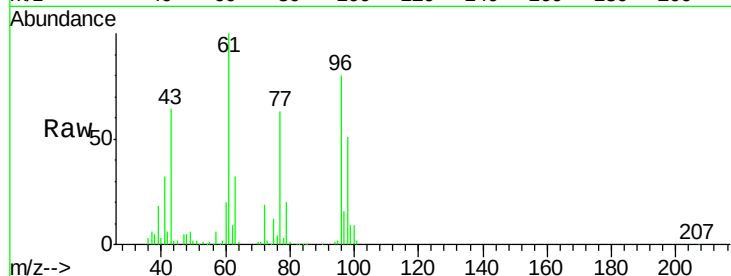
#27
 cis-1,2-Dichloroethene
 Concen: 50.793 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.8	0.0	249.6
98	64.7	0.0	129.4

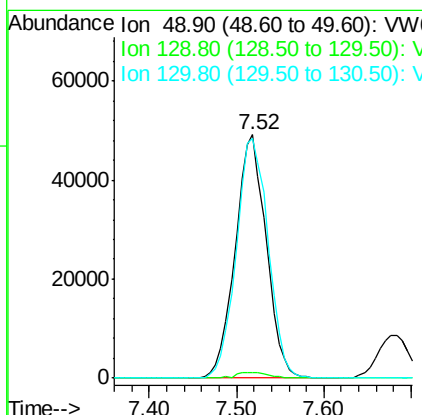
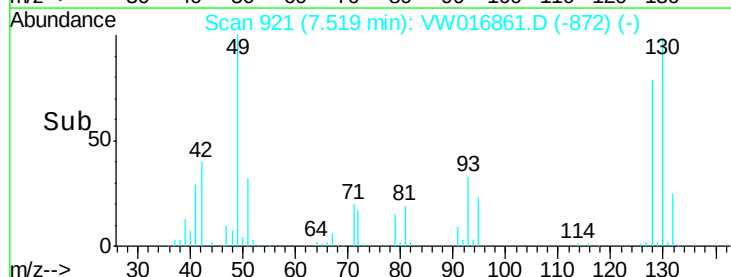
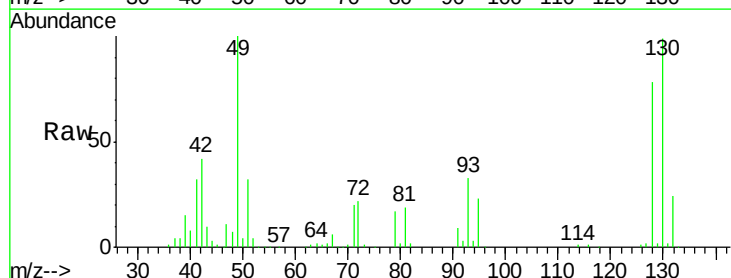
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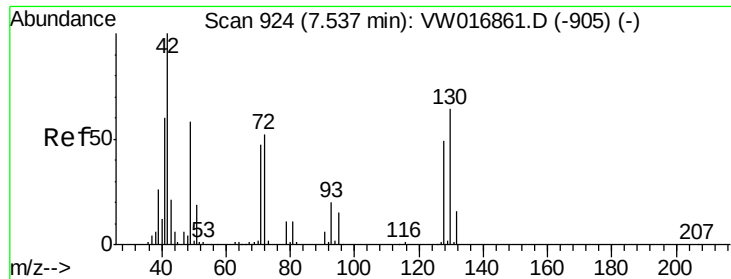
apatel
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#28
 Bromochloromethane
 Concen: 53.180 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	101.6	81.3	121.9





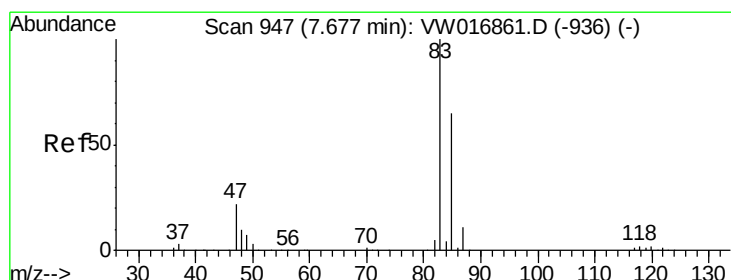
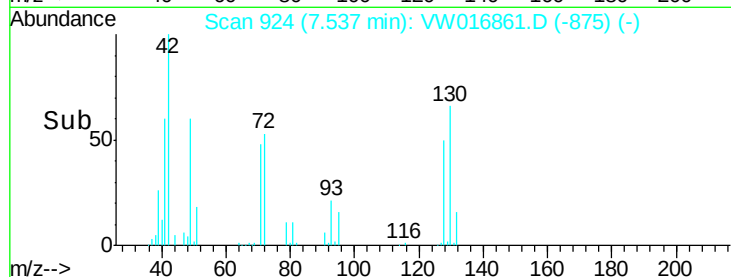
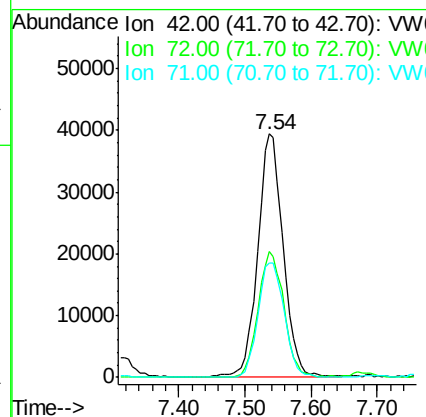
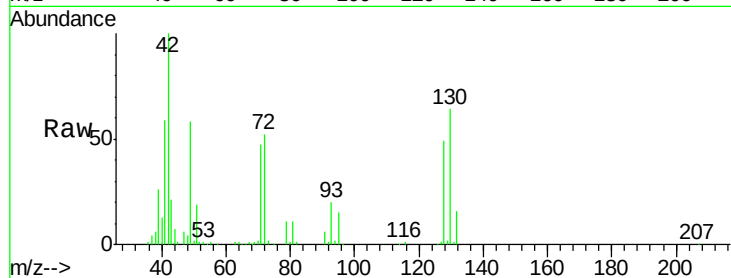
#29
Tetrahydrofuran
Concen: 271.166 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.5	42.0	63.0
71	48.8	39.0	58.6

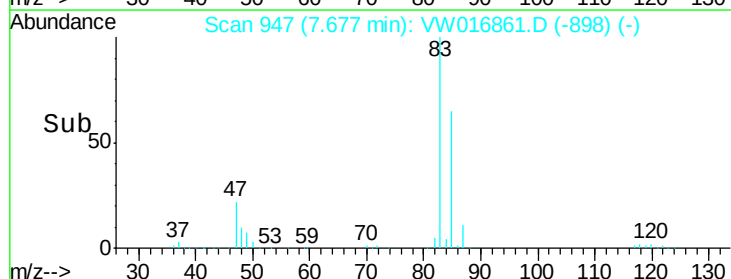
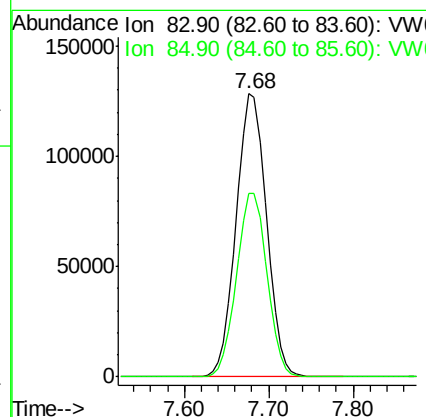
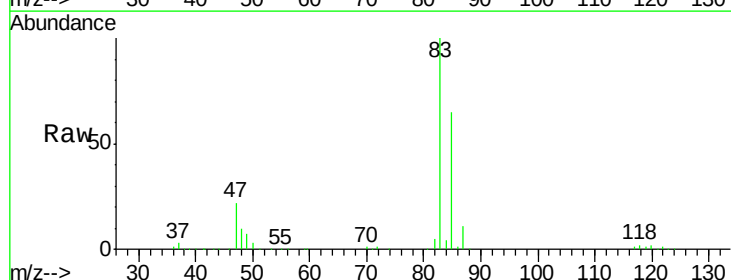
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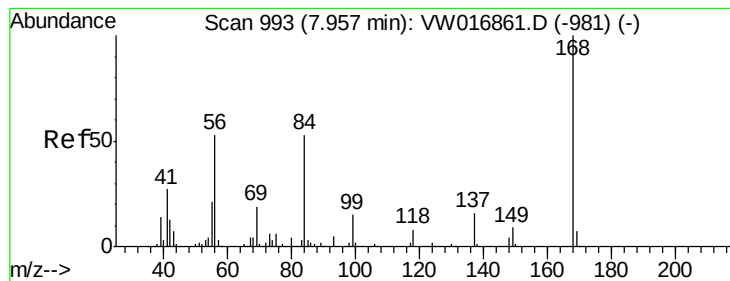
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#30
Chloroform
Concen: 50.692 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.7	77.5





#31

Cyclohexane

Concen: 47.159 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

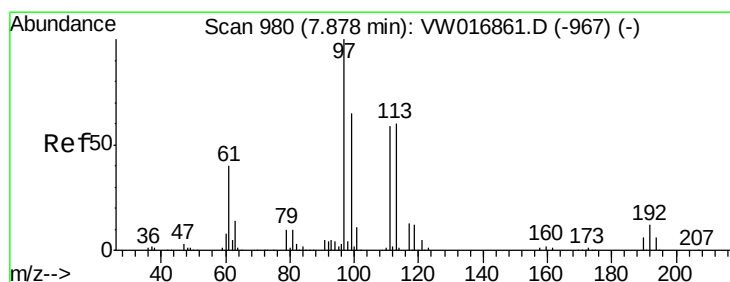
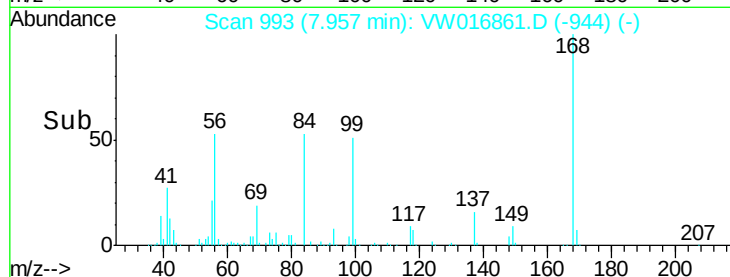
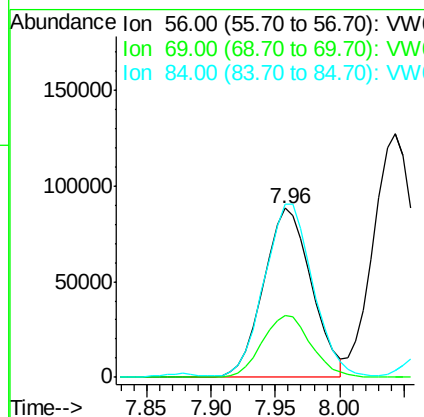
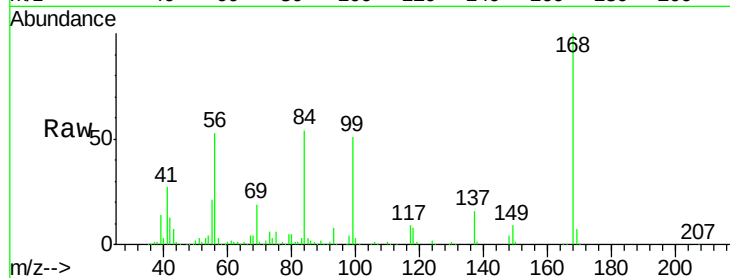
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	228906
Ion Ratio	Lower	Upper	
56	100		
69	36.6	29.3	43.9
84	100.6	80.5	120.7

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#32

1,1,1-Trichloroethane

Concen: 50.230 ug/l

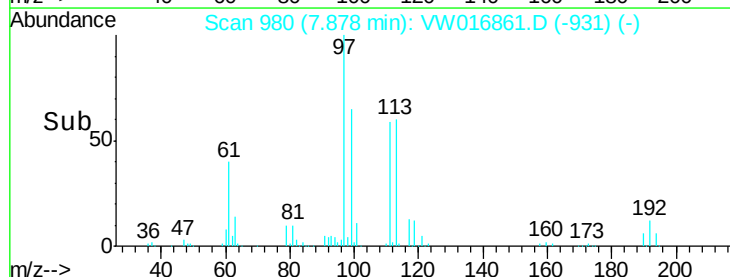
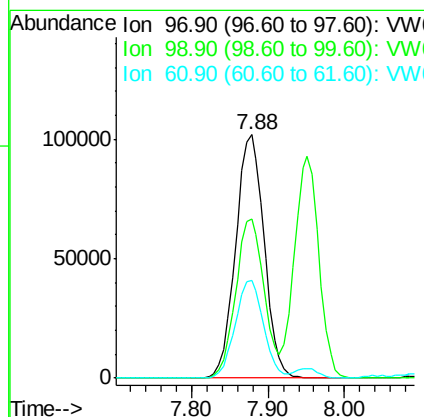
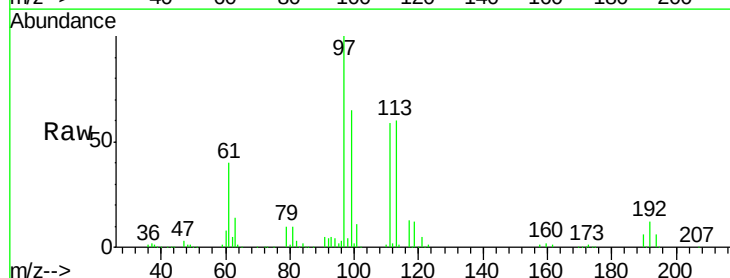
RT: 7.88 min Scan# 980

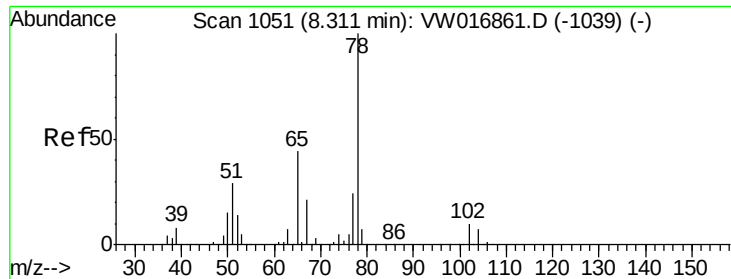
Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Tgt Ion:	97	Resp:	262109
Ion Ratio	Lower	Upper	
97	100		
99	65.5	52.4	78.6
61	39.9	31.9	47.9





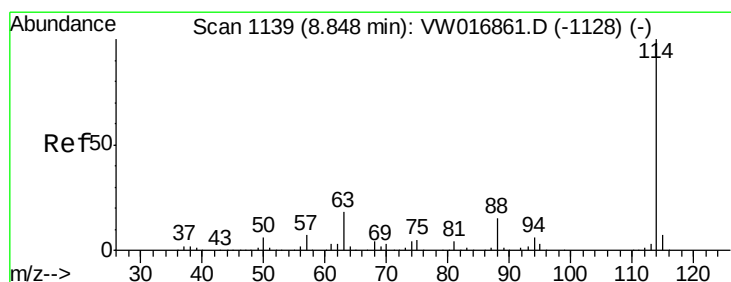
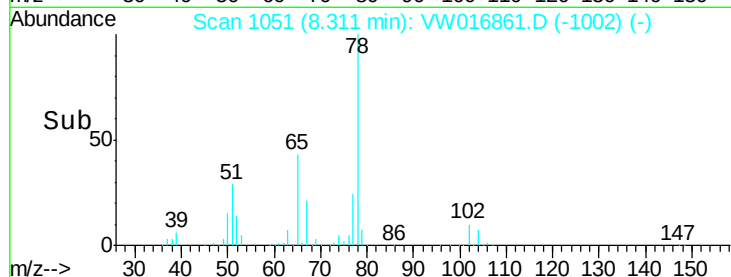
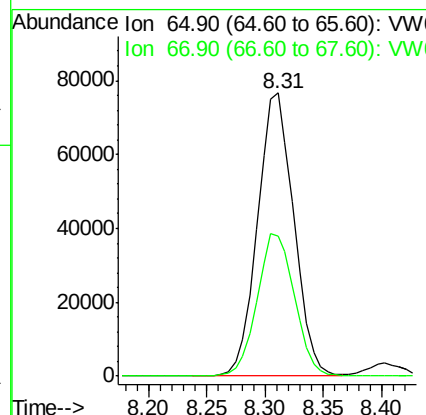
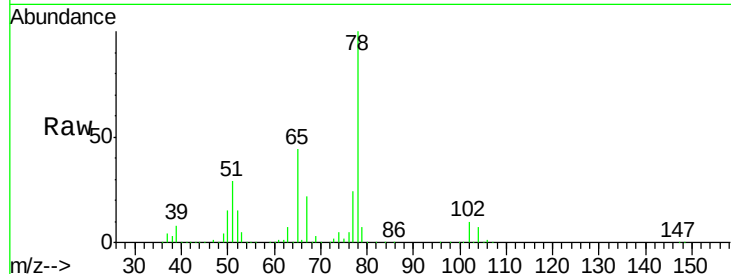
#33
 1,2-Dichloroethane-d4
 Concen: 51.632 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	165550		
67	51.9	0.0	103.8	

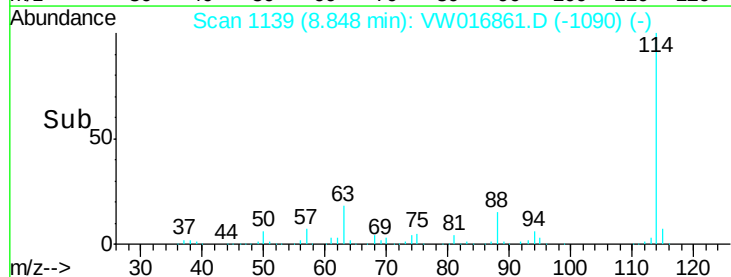
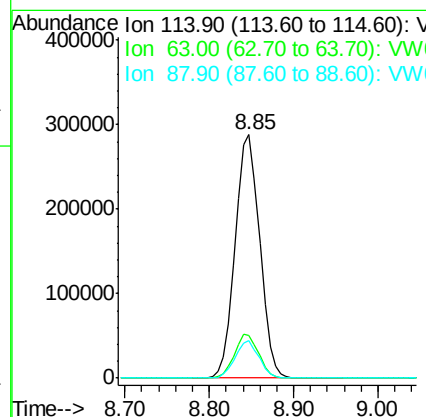
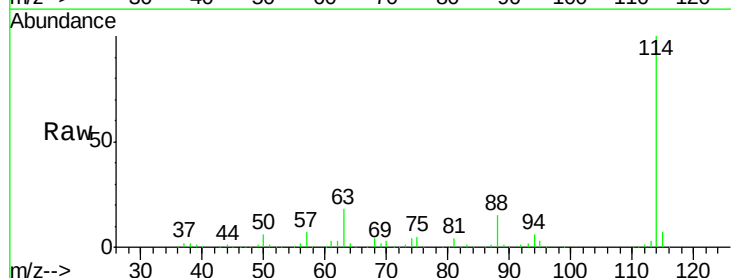
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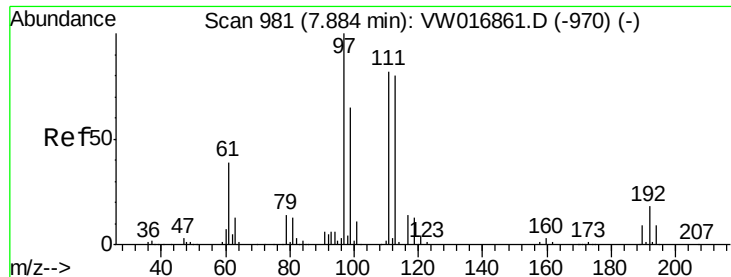
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	569204		
63	17.8	0.0	35.6	
88	15.2	0.0	30.4	





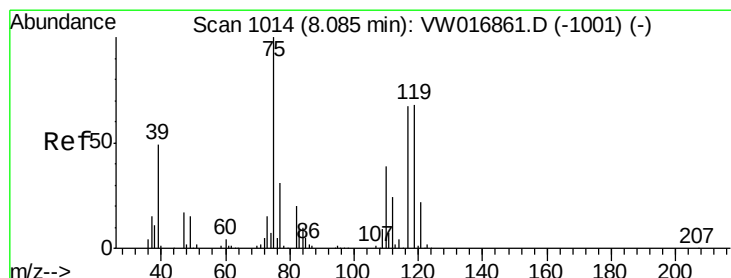
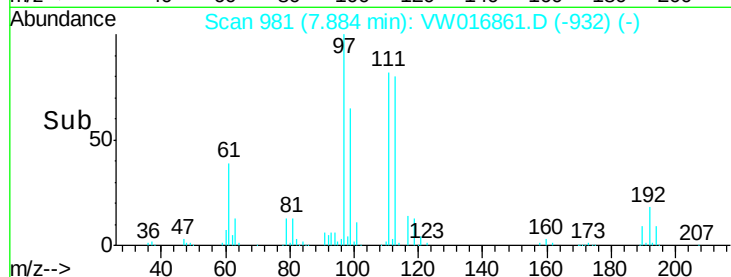
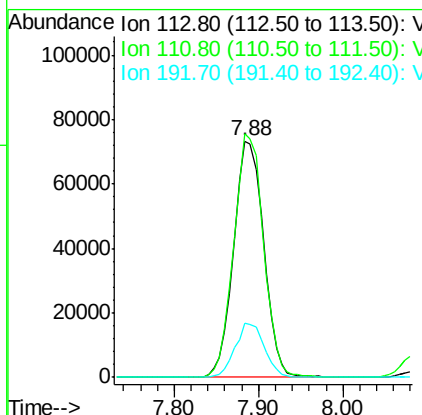
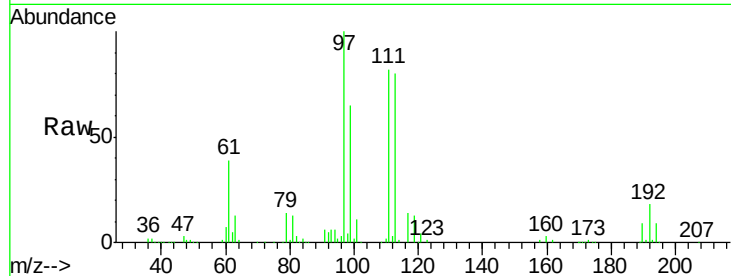
#35
 Dibromofluoromethane
 Concen: 50.675 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	176795		
111	101.8	81.4	122.2	
192	22.3	17.8	26.8	

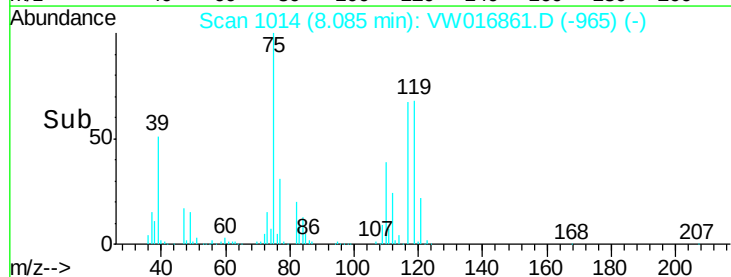
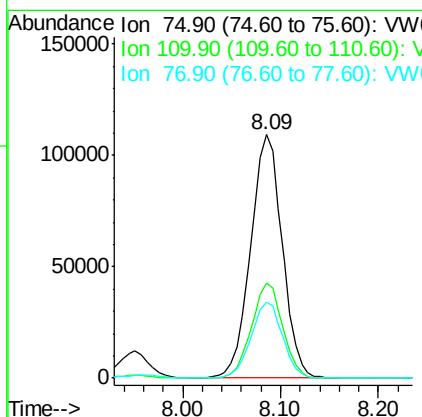
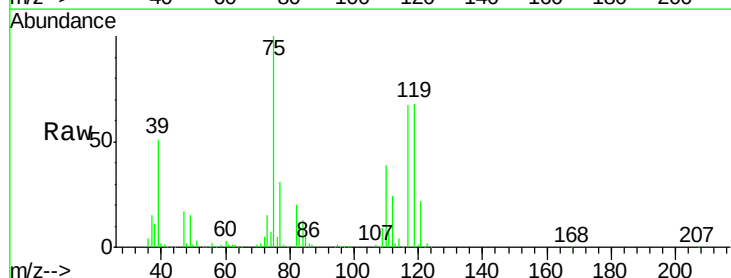
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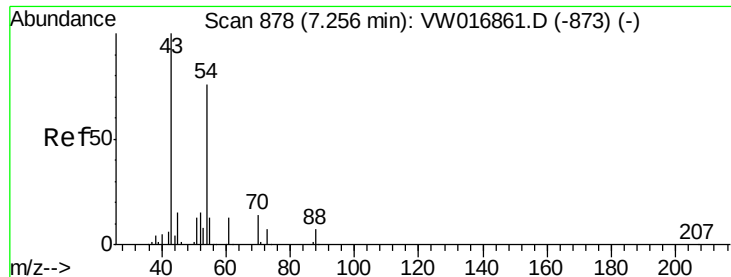
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#36
 1,1-Dichloropropene
 Concen: 49.902 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	245611		
110	38.6	19.3	57.9	
77	31.3	25.0	37.6	





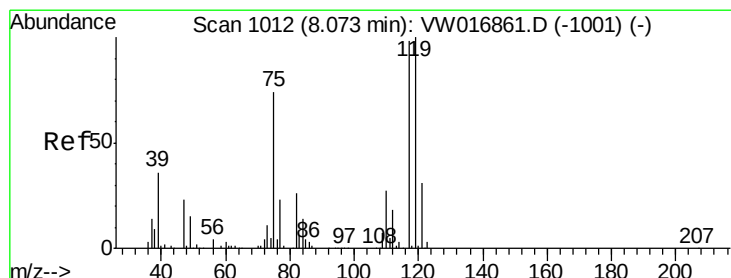
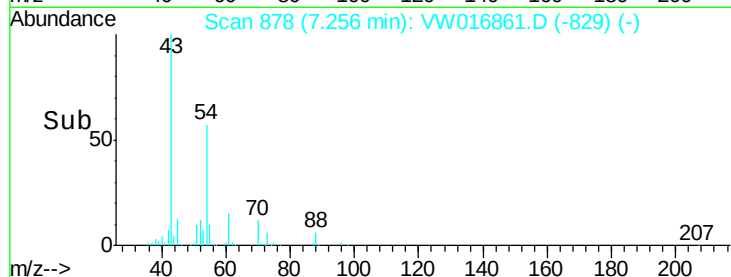
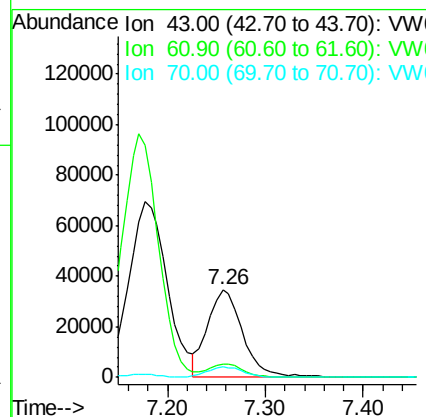
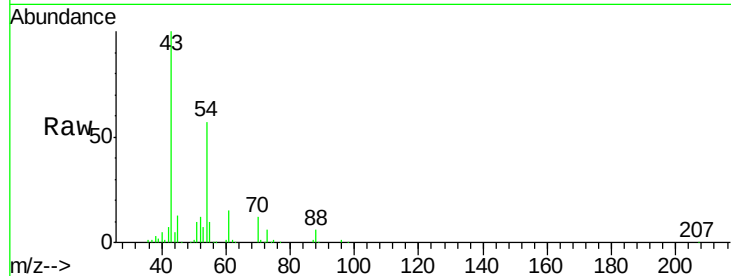
#37
Ethyl Acetate
Concen: 53.253 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.0	18.0
70	12.4	9.9	14.9

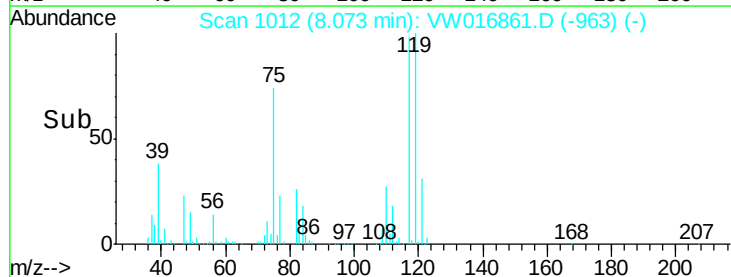
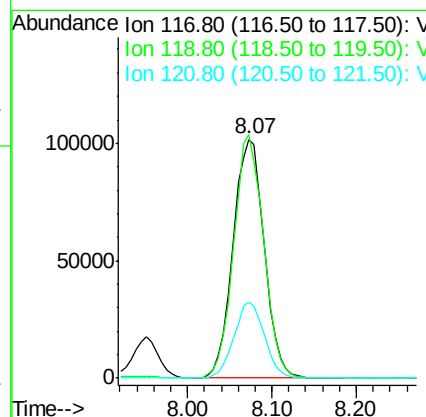
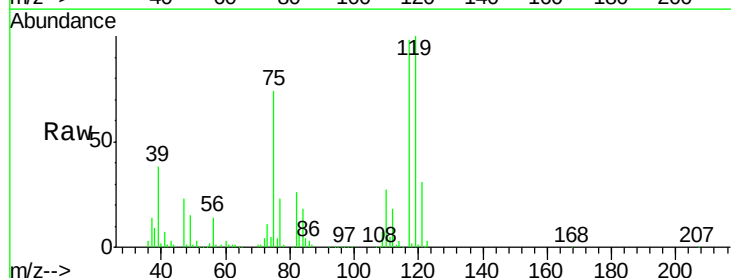
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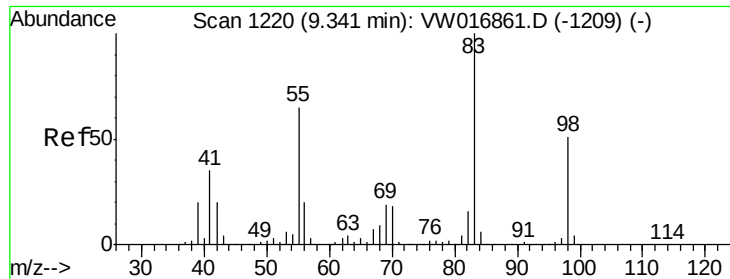
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#38
Carbon Tetrachloride
Concen: 49.640 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.0	81.6	122.4
121	32.1	25.7	38.5





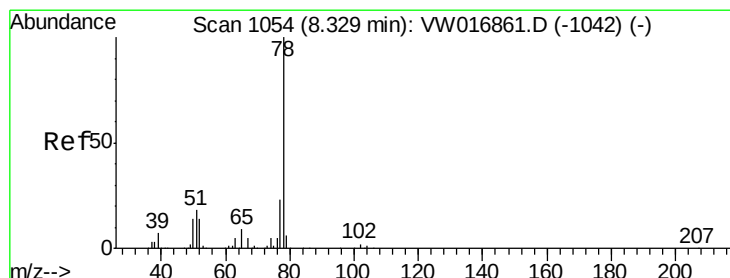
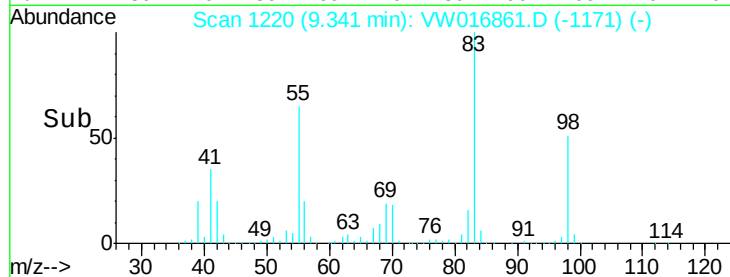
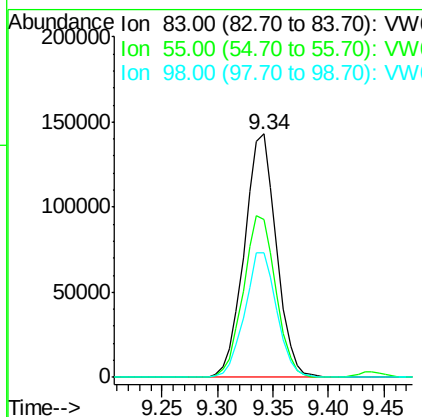
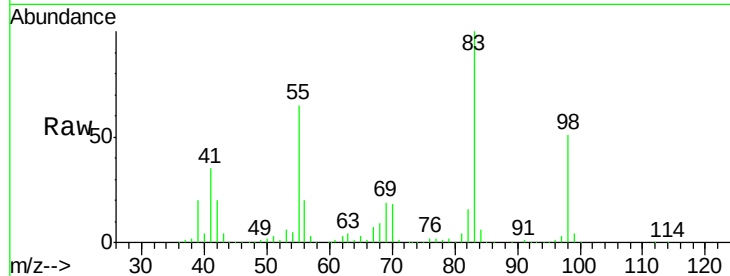
#39
Methylvlcyclohexane
Concen: 50.975 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	286042		
55	64.6	51.7	77.5	
98	51.2	41.0	61.4	

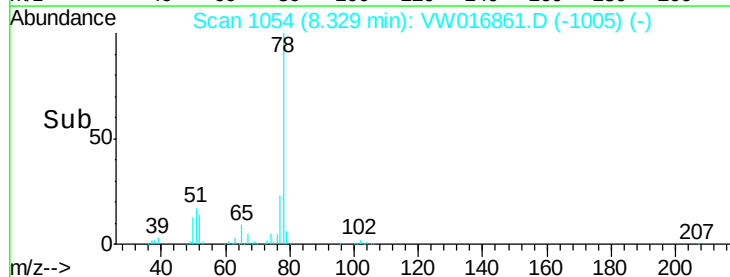
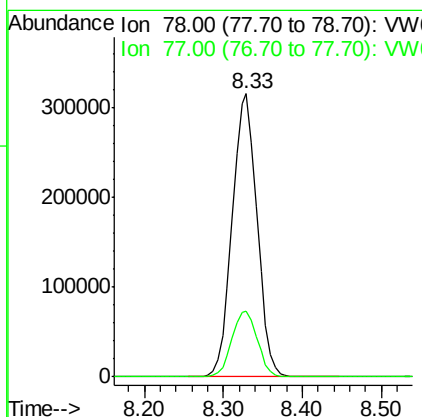
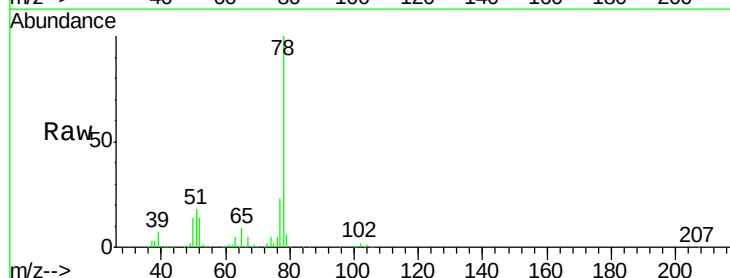
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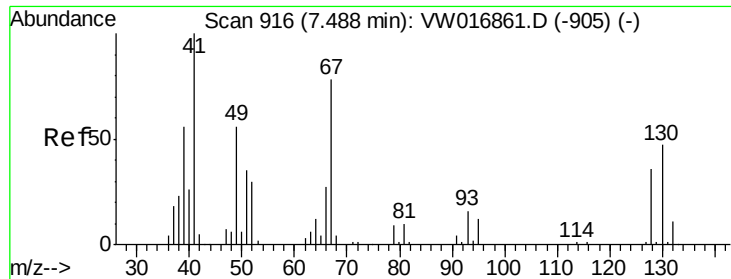
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#40
Benzene
Concen: 50.427 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	691395		
77	23.1	18.5	27.7	





#41

Methacrylonitrile

Concen: 70.659 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 48743

Ion Ratio Lower Upper

41 100

39 58.8 47.0 70.6

67 85.7 68.6 102.8

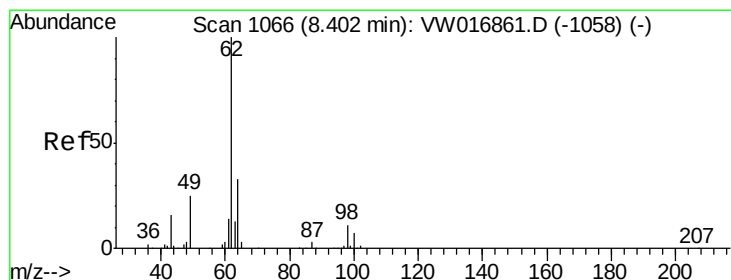
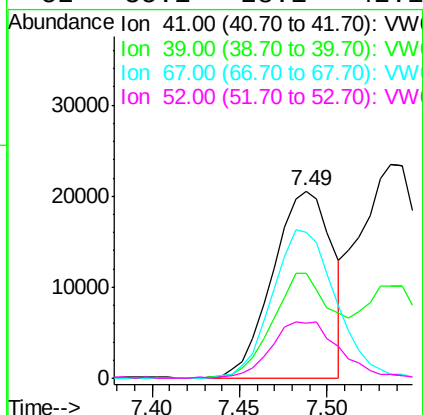
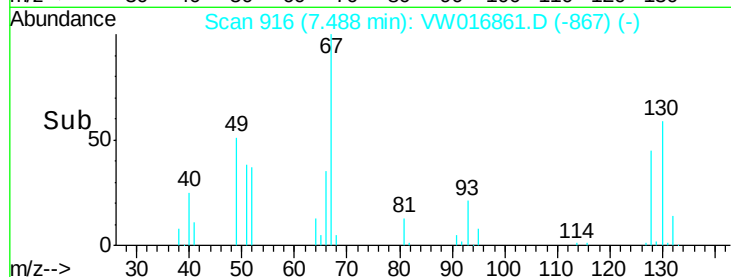
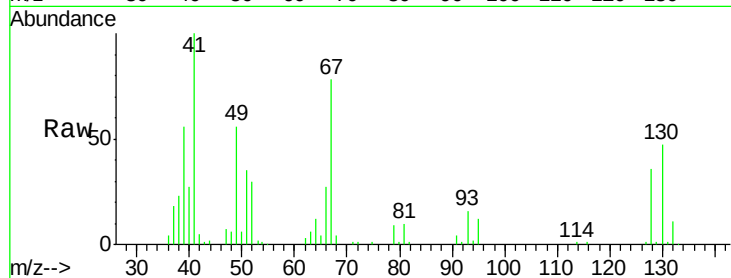
52 35.1 28.1 42.1

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#42

1,2-Dichloroethane

Concen: 51.166 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW016861.D

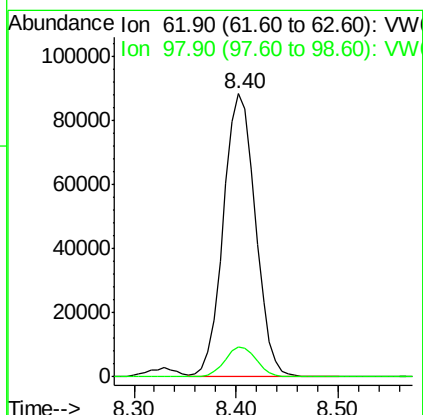
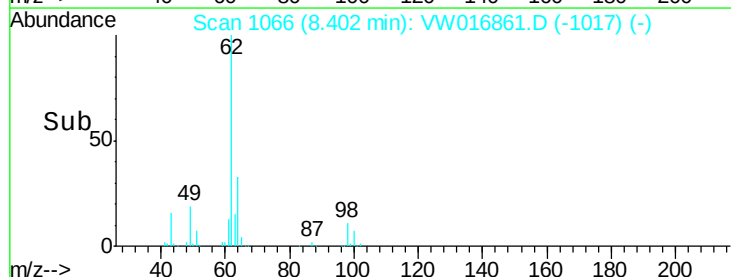
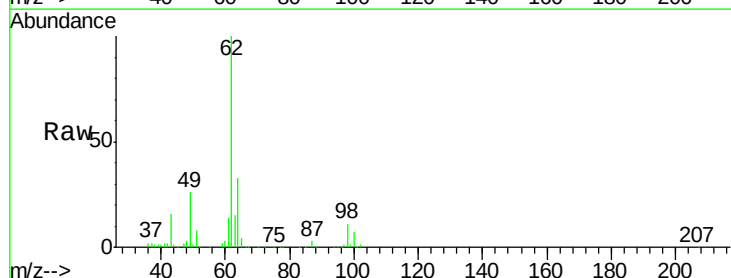
Acq: 09 Oct 2020 15:00

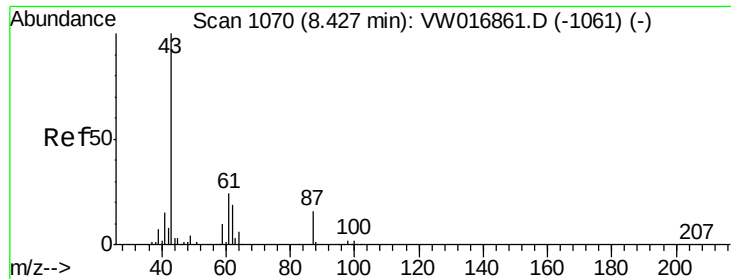
Tgt Ion: 62 Resp: 191893

Ion Ratio Lower Upper

62 100

98 10.5 0.0 21.0





#43

Isopropyl Acetate

Concen: 53.628 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

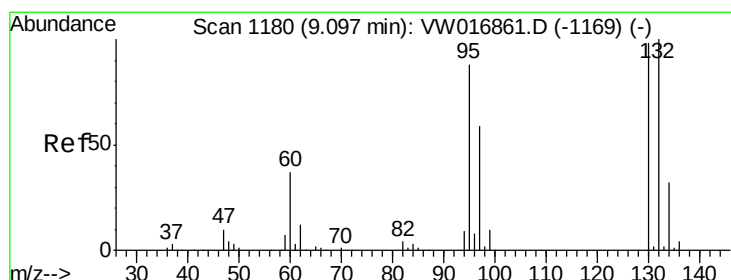
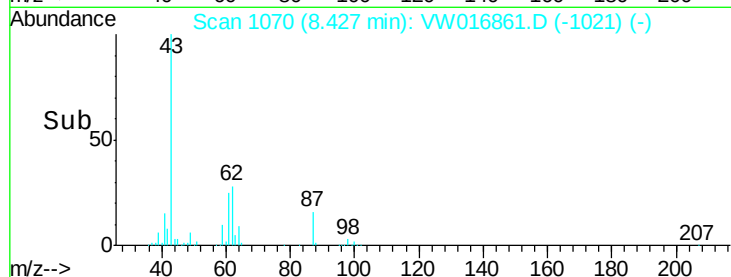
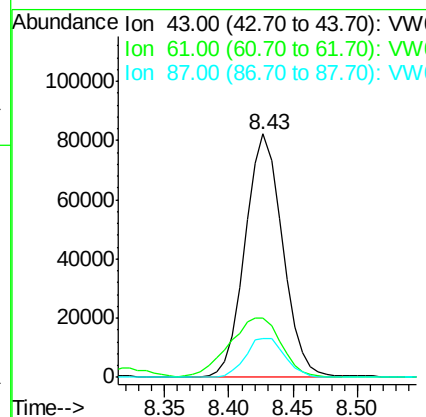
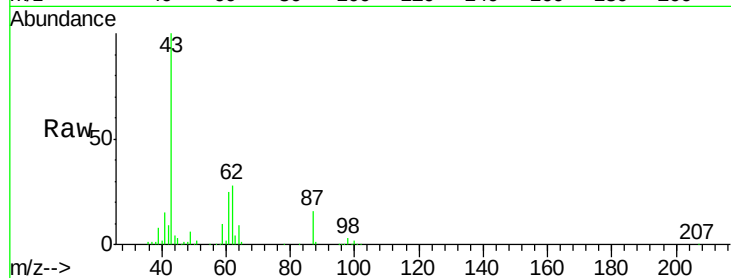
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	165166
Ion	Ratio	Lower	Upper
43	100		
61	34.4	27.5	41.3
87	17.0	13.6	20.4

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#44

Trichloroethene

Concen: 49.577 ug/l

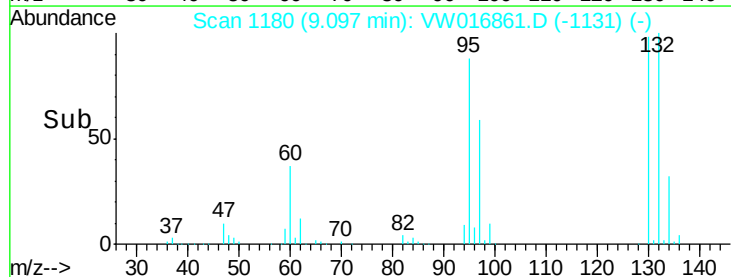
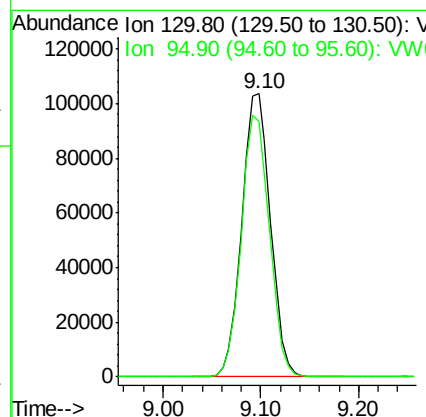
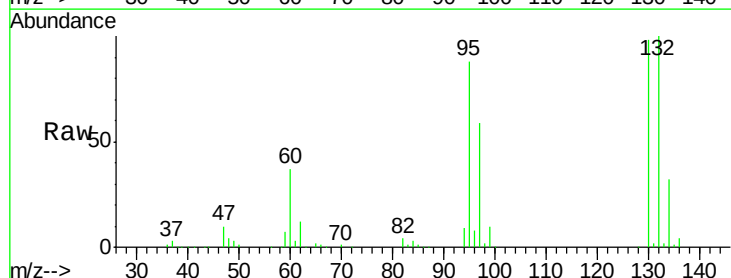
RT: 9.10 min Scan# 1180

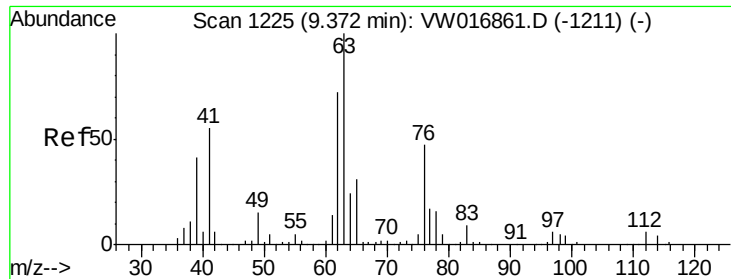
Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Tgt Ion:	130	Resp:	210387
Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	180.2





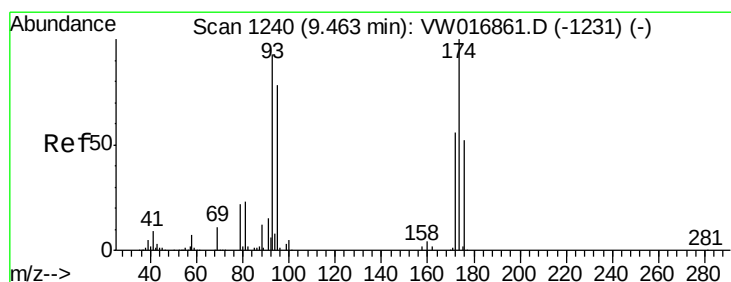
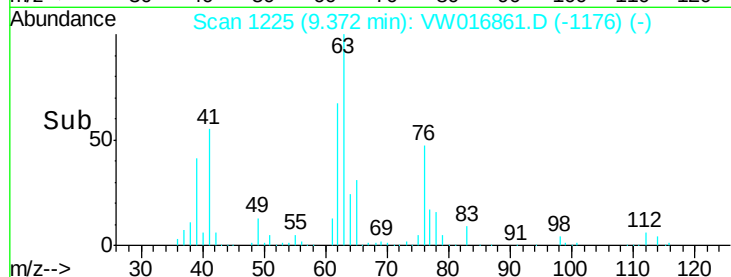
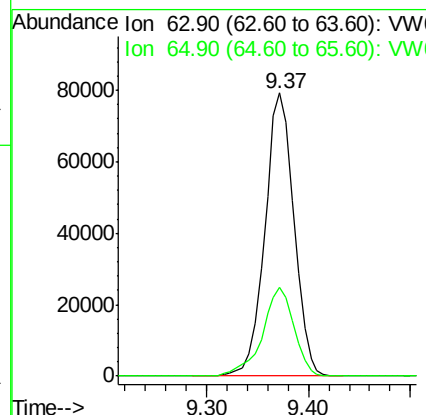
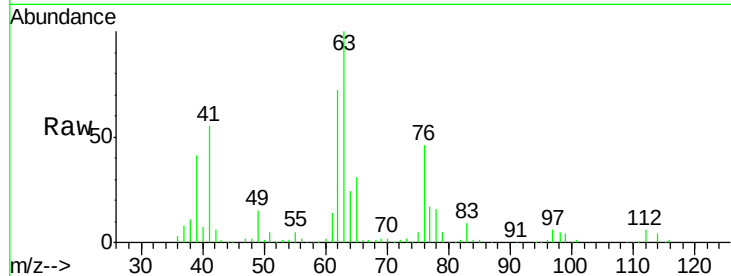
#45
 1,2-Dichloropropane
 Concen: 50.249 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 157110
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.1 37.7

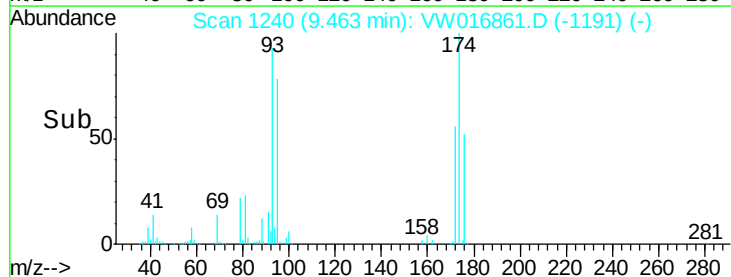
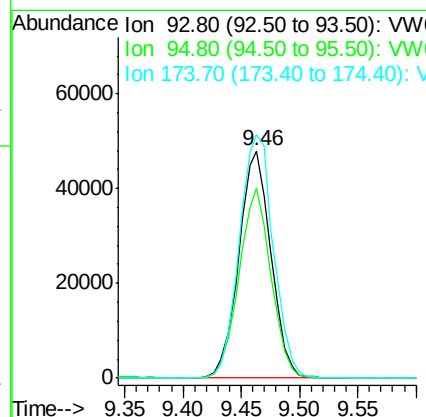
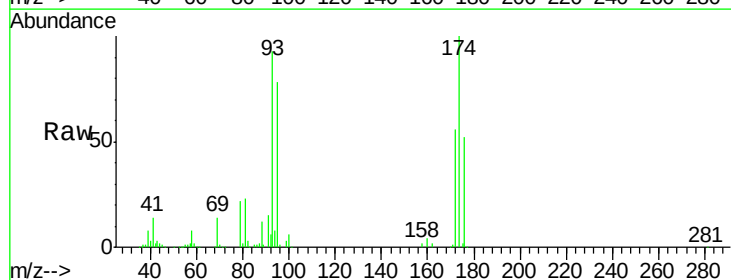
Manual Integrations
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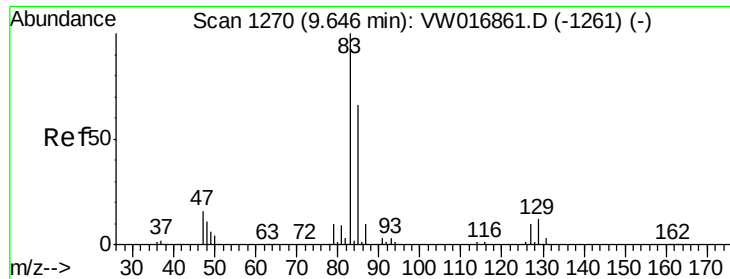
apatel
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#46
 Dibromomethane
 Concen: 51.451 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion: 93 Resp: 92012
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 113.8 91.0 136.6





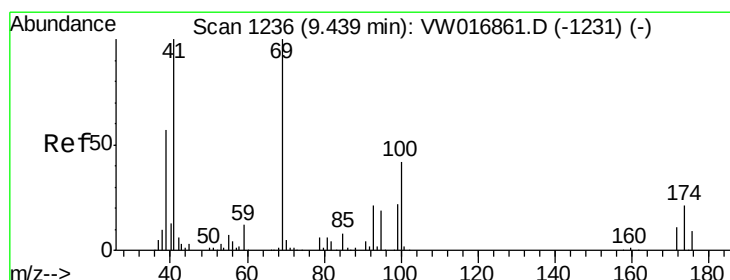
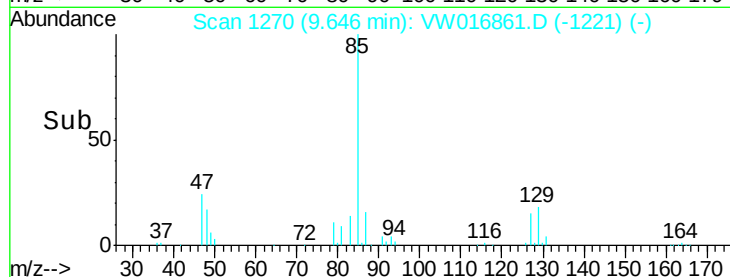
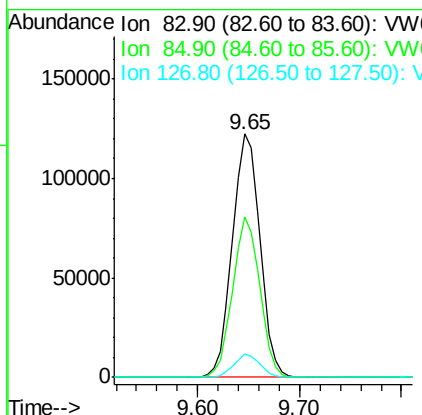
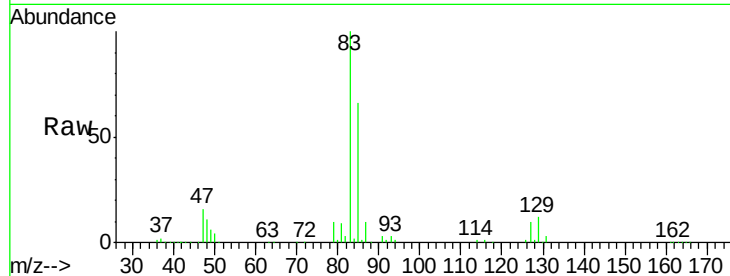
#47
Bromodichloromethane
Concen: 51.398 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	228548
Ion Ratio	100	Lower	Upper
83	100		
85	65.9	52.7	79.1
127	9.7	7.8	11.6

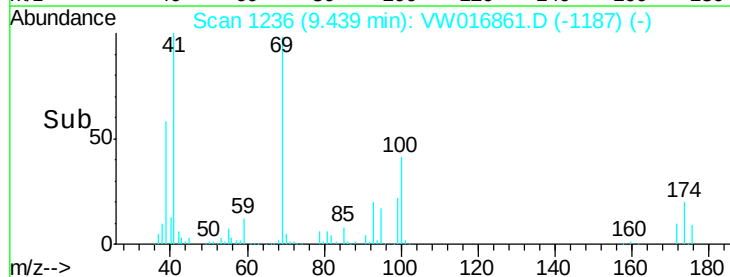
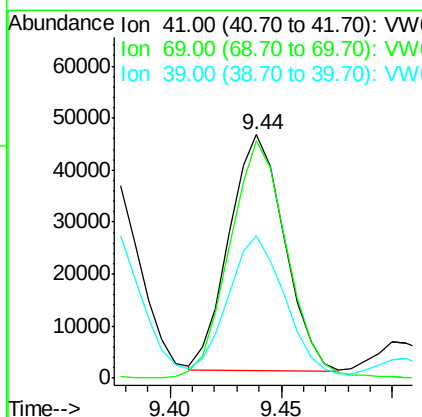
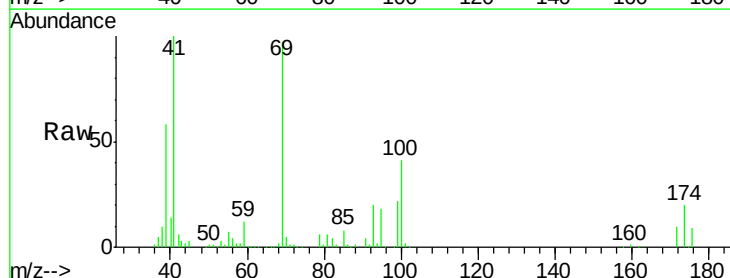
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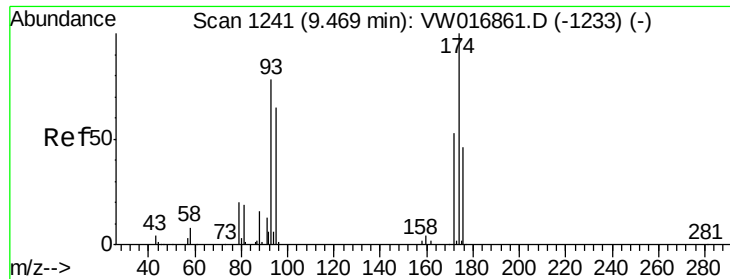
apatel
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#48
Methyl methacrylate
Concen: 54.866 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion	41	Resp	77868
Ion Ratio	100	Lower	Upper
41	100		
69	104.4	83.5	125.3
39	63.6	50.9	76.3





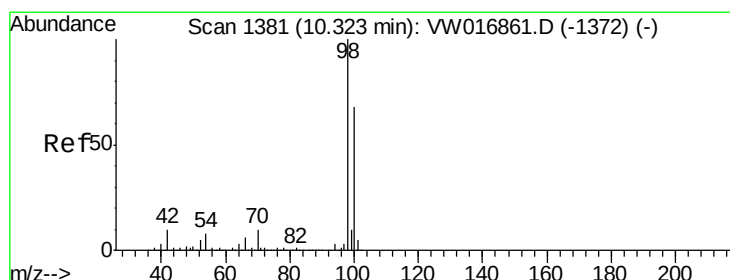
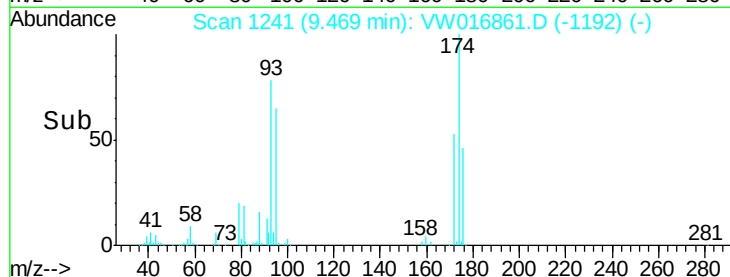
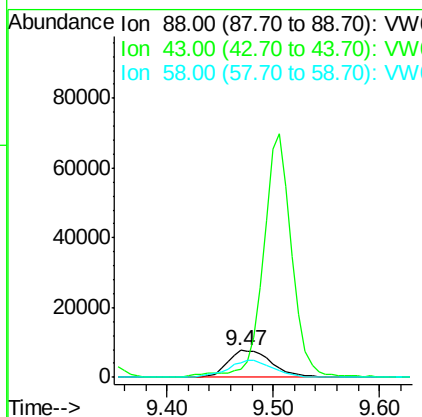
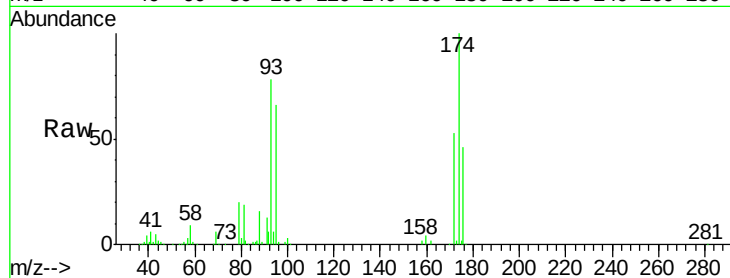
#49
1,4-Dioxane
Concen: 1092.430 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	67.5	54.0	81.0

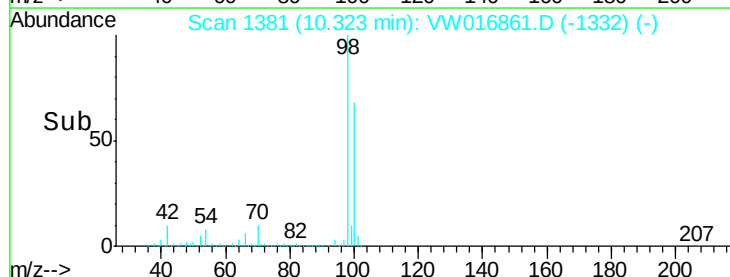
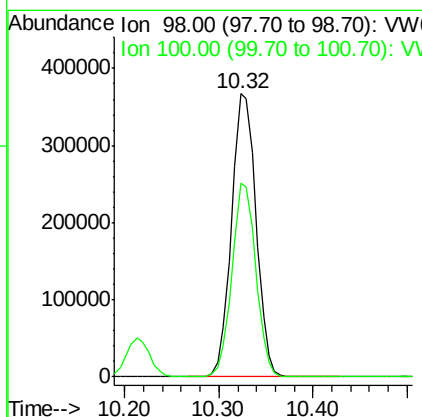
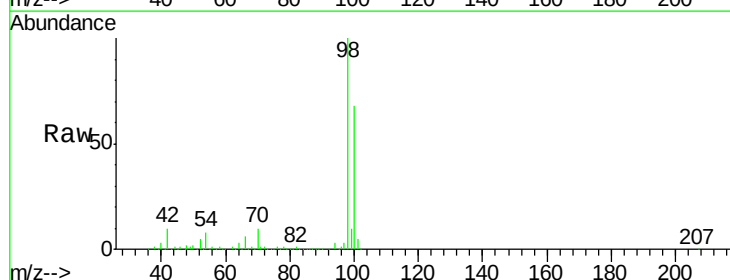
Manual Integrations
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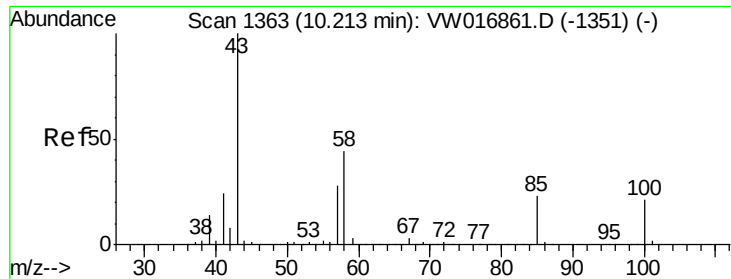
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#50
Toluene-d8
Concen: 50.724 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 270.178 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 420957

Ion Ratio Lower Upper

43 100

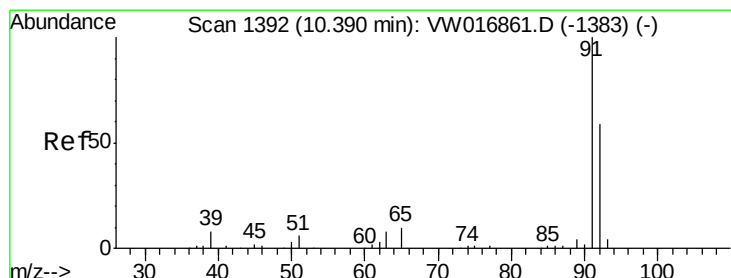
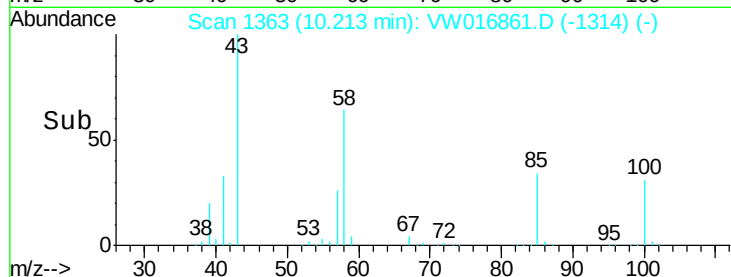
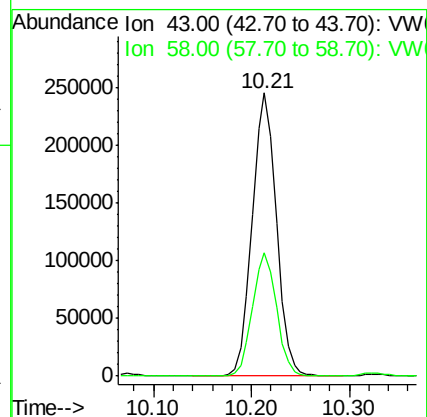
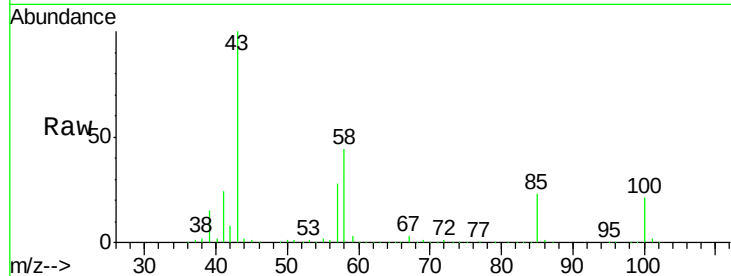
58 43.4 34.7 52.1

Manual Integrations

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#52

Toluene

Concen: 50.885 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016861.D

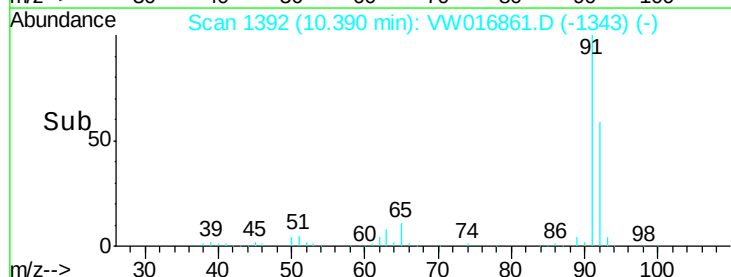
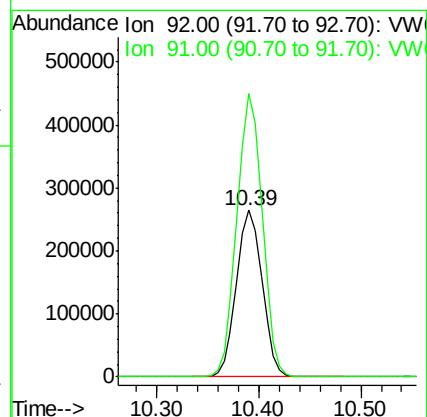
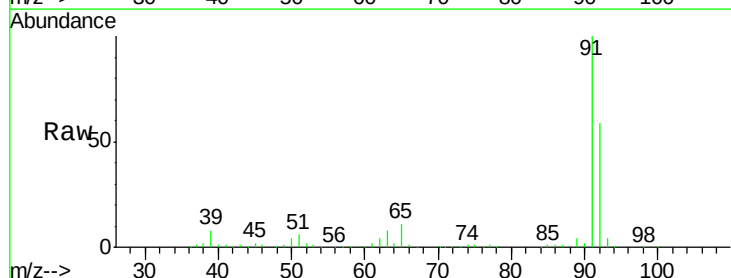
Acq: 09 Oct 2020 15:00

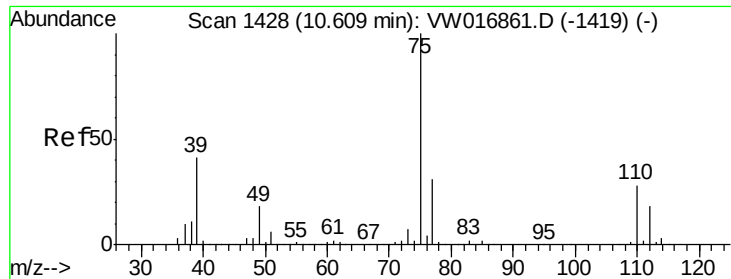
Tgt Ion: 92 Resp: 461186

Ion Ratio Lower Upper

92 100

91 168.4 134.7 202.1





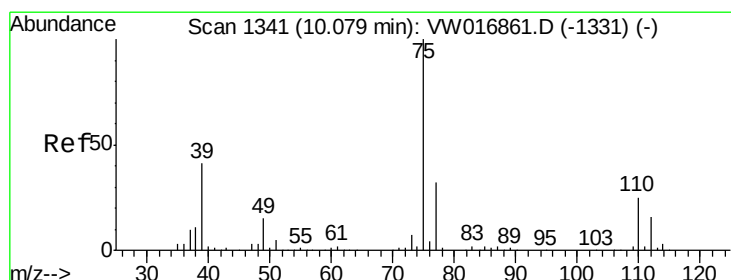
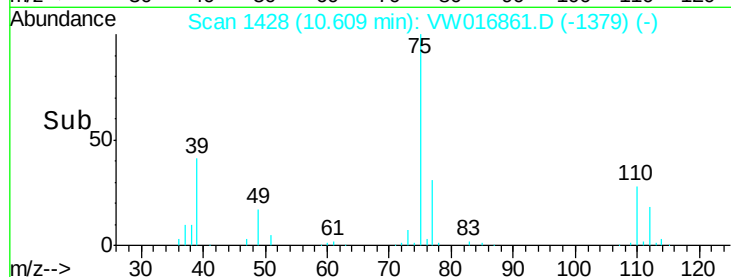
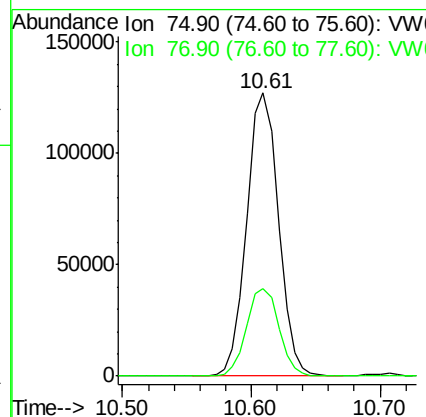
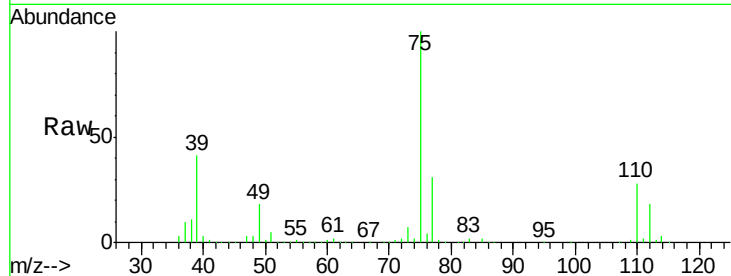
#53
 t-1,3-Dichloropropene
 Concen: 53.565 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	216837		
77	31.0	24.8	37.2	

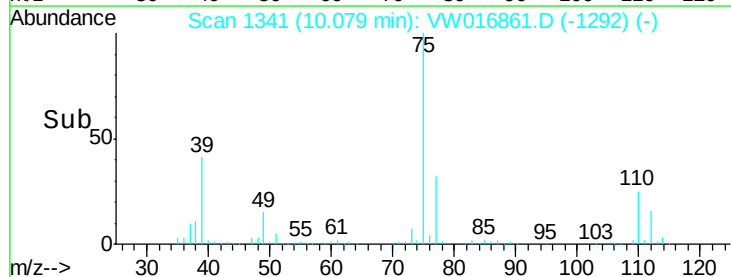
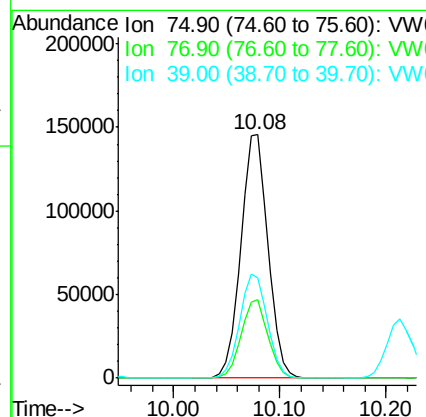
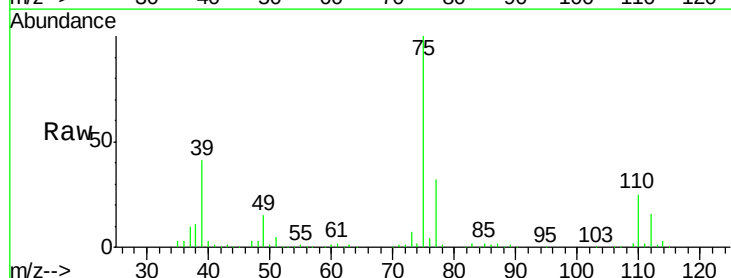
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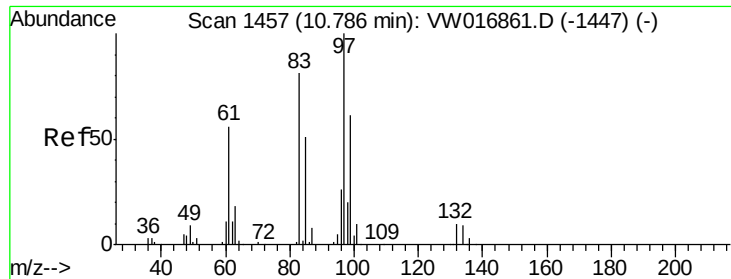
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#54
 cis-1,3-Dichloropropene
 Concen: 52.801 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	261073		
77	32.2	25.8	38.6	
39	41.1	32.9	49.3	





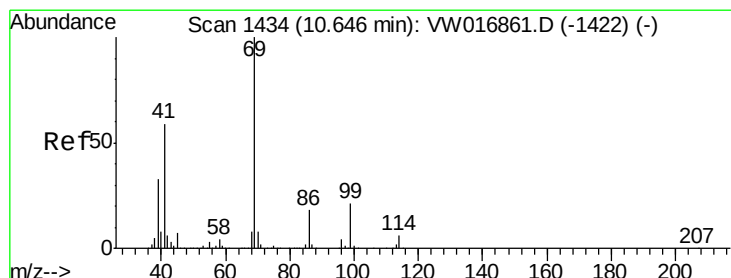
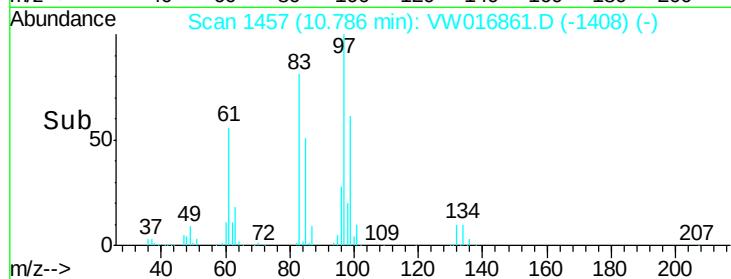
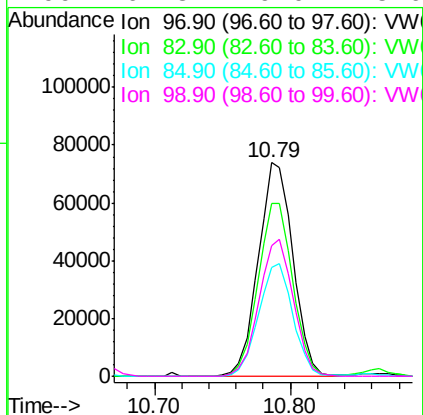
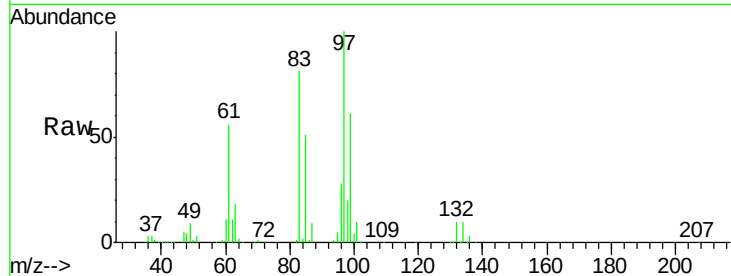
#55
 1,1,2-Trichloroethane
 Concen: 51.899 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	132111
Ion	Ratio	Lower	Upper
97	100		
83	80.8	64.6	97.0
85	50.8	40.6	61.0
99	61.3	49.0	73.6

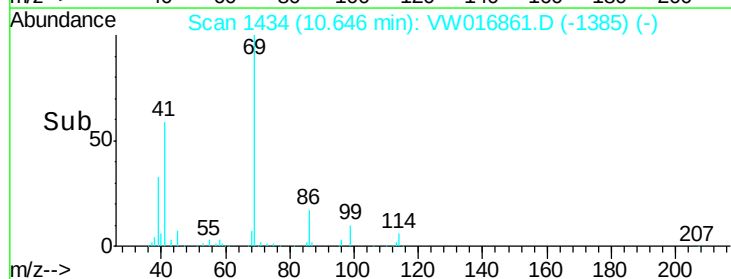
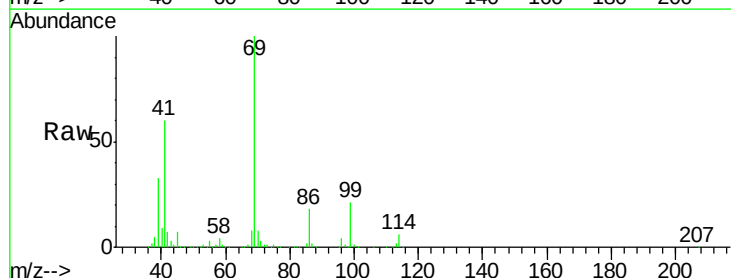
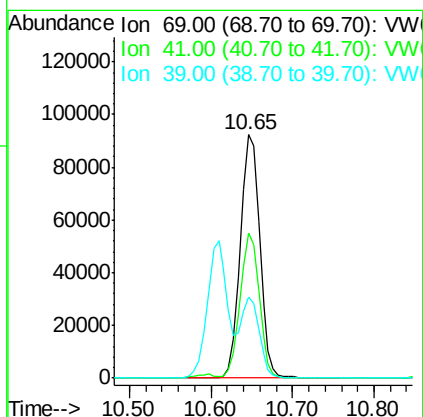
Manual Integrations
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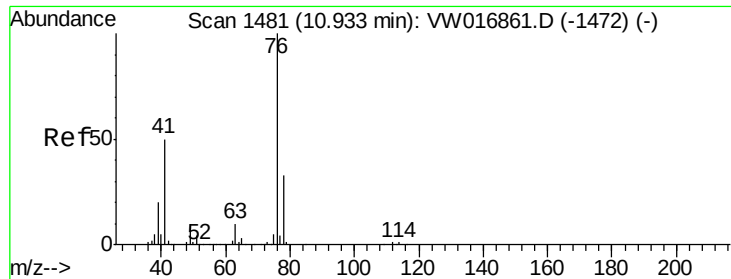
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#56
 Ethyl methacrylate
 Concen: 54.818 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion:	69	Resp:	151801
Ion	Ratio	Lower	Upper
69	100		
41	57.9	46.3	69.5
39	32.4	25.9	38.9





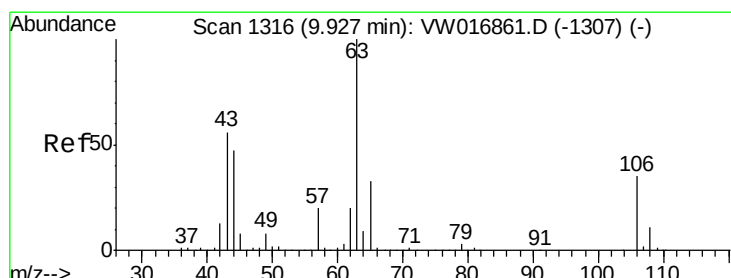
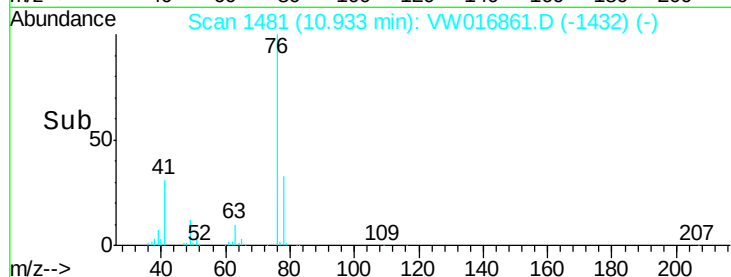
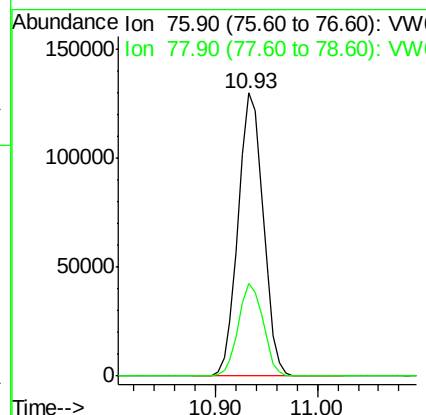
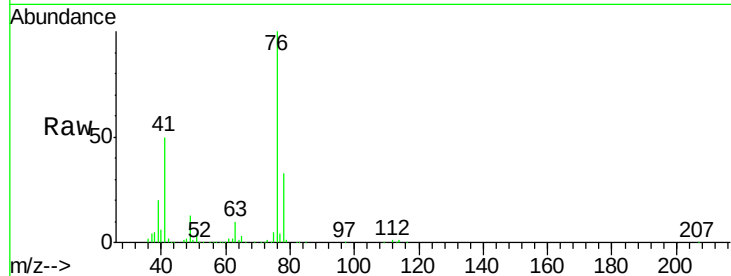
#57
 1,3-Dichloropropane
 Concen: 52.386 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 220623
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0

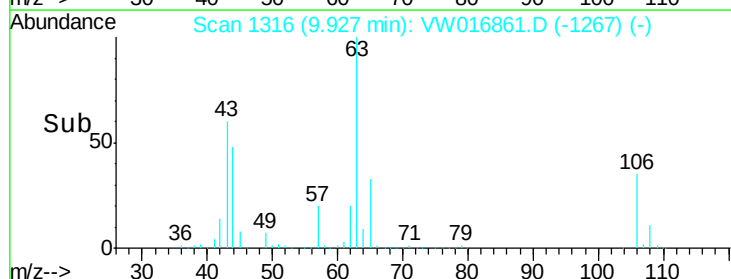
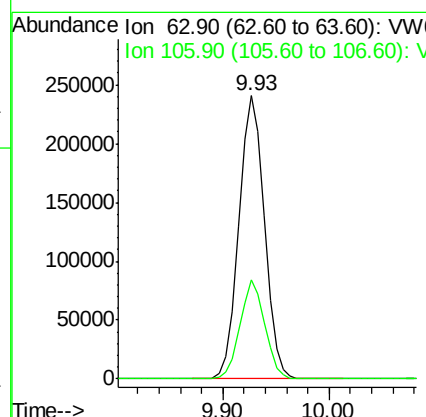
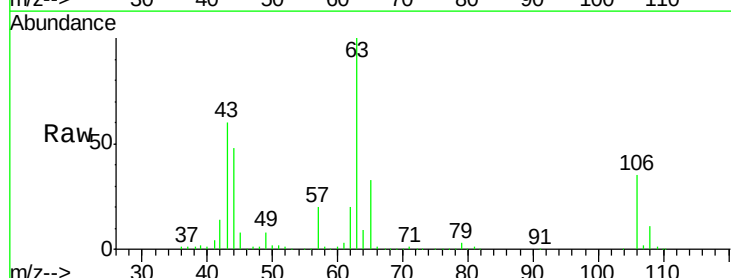
Manual Integrations
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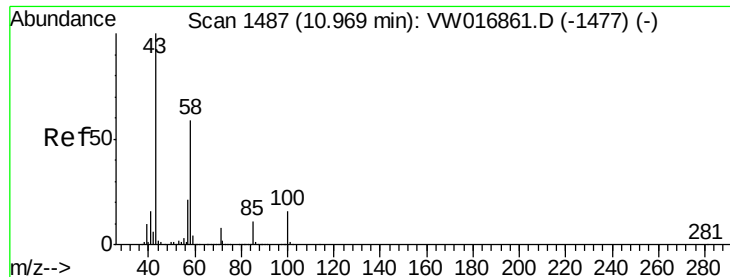
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#58
 2-Chloroethyl Vinyl ether
 Concen: 265.083 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion: 63 Resp: 406781
 Ion Ratio Lower Upper
 63 100
 106 33.7 27.0 40.4





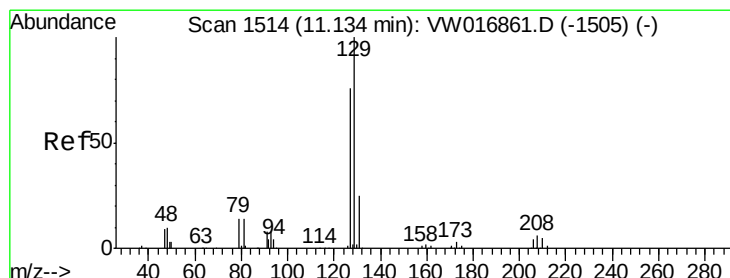
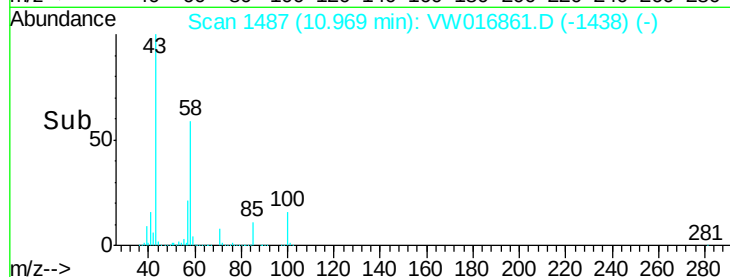
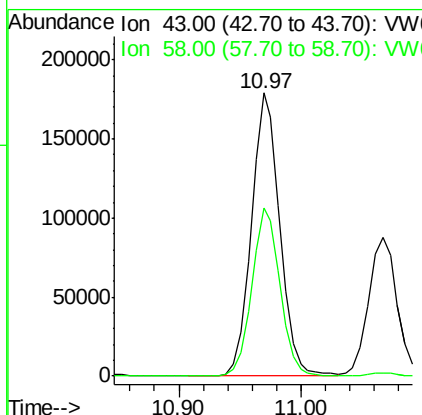
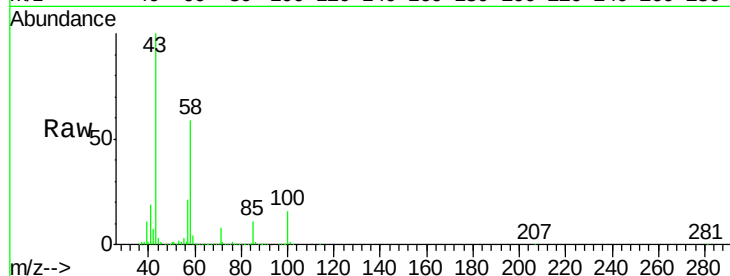
#59
2-Hexanone
Concen: 280.361 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.0	29.5	88.5

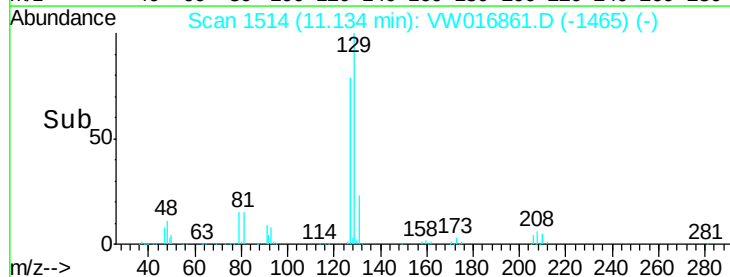
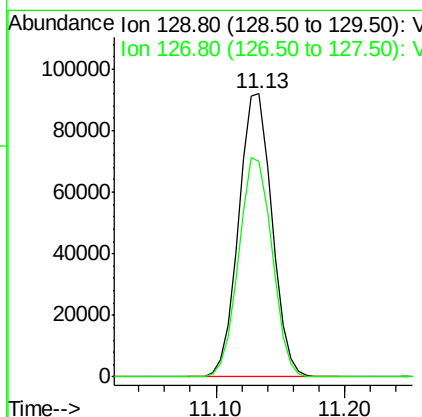
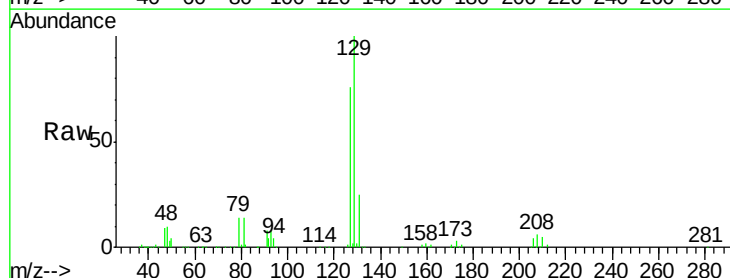
Manual Integrations
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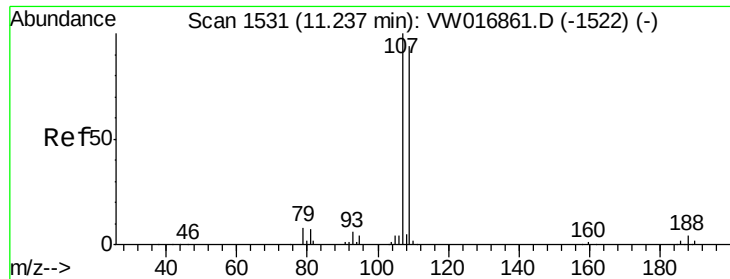
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#60
Dibromochloromethane
Concen: 52.653 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.9	116.6





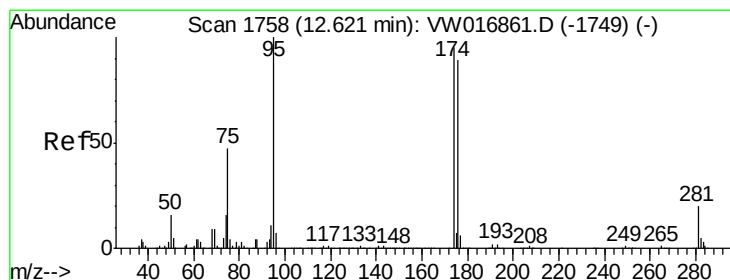
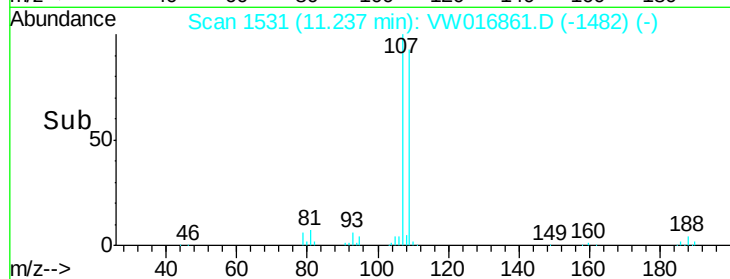
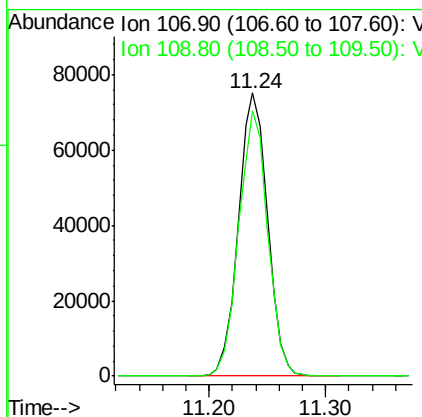
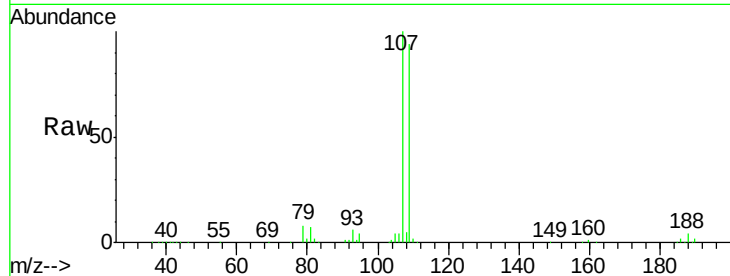
#61
 1,2-Dibromoethane
 Concen: 52.027 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	131156		
109	93.4	74.7	112.1	

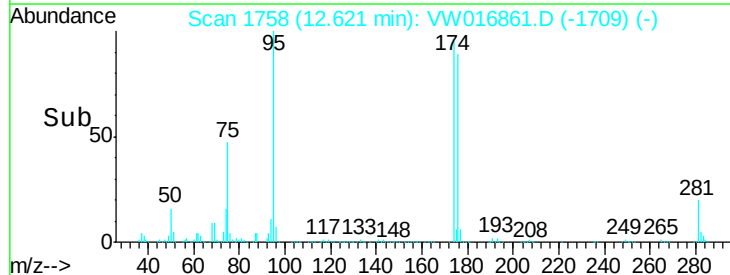
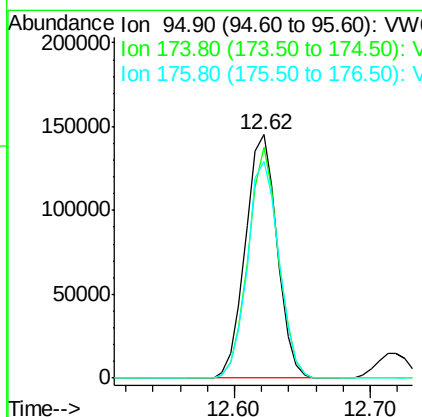
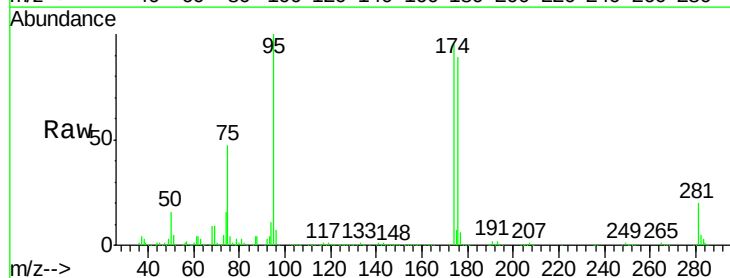
Manual Integrations
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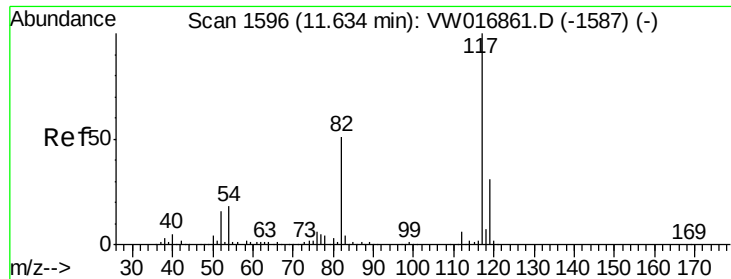
apatel
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#62
 4-Bromofluorobenzene
 Concen: 52.650 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	237499		
174	90.3	0.0	180.6	
176	88.8	0.0	177.6	





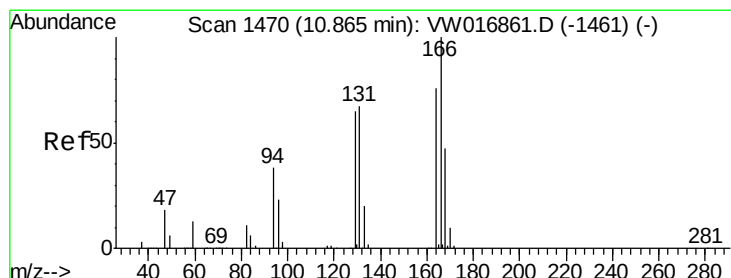
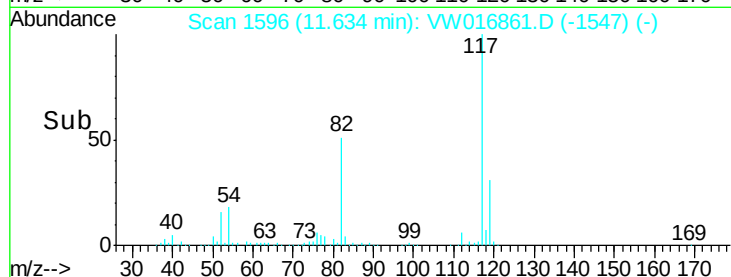
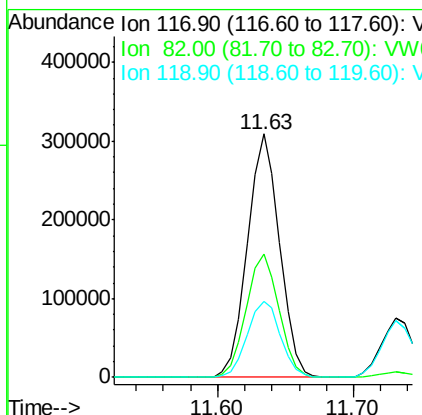
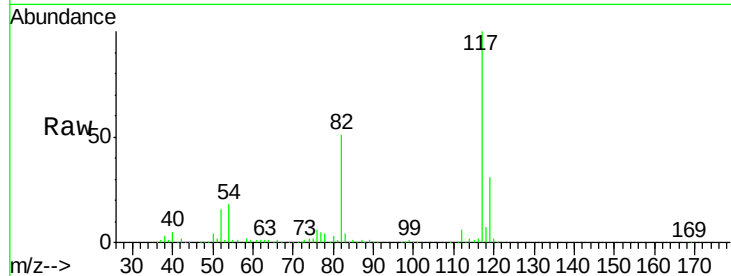
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.7	61.1
119	31.2	25.0	37.4

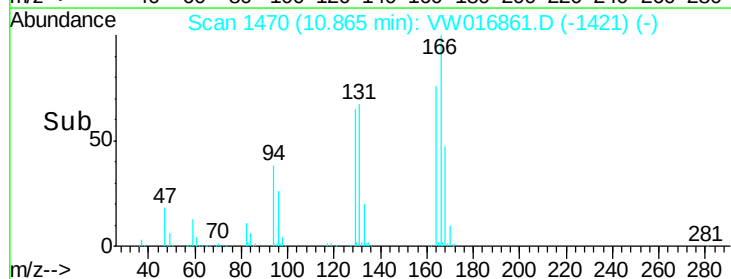
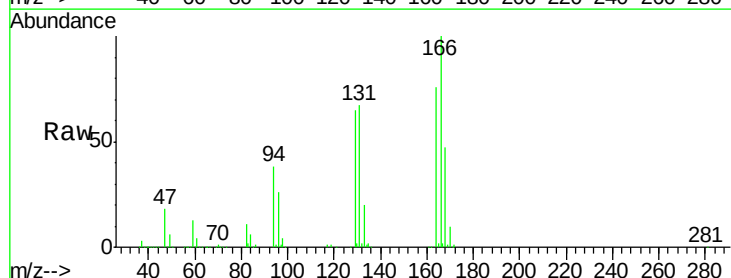
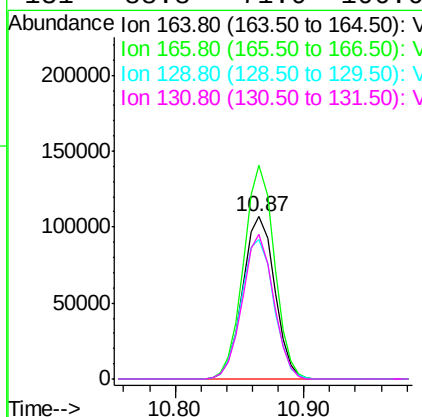
Manual Integrations
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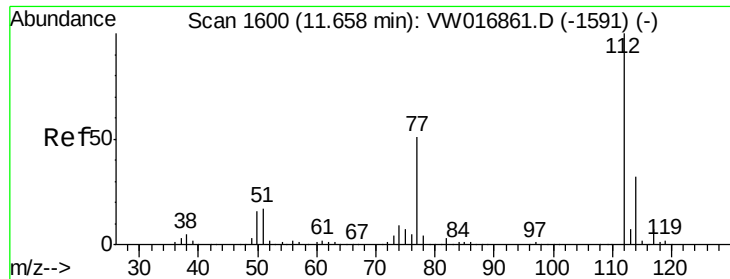
apatel
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#64
Tetrachloroethene
Concen: 50.519 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	105.3	157.9
129	86.0	68.8	103.2
131	88.8	71.0	106.6





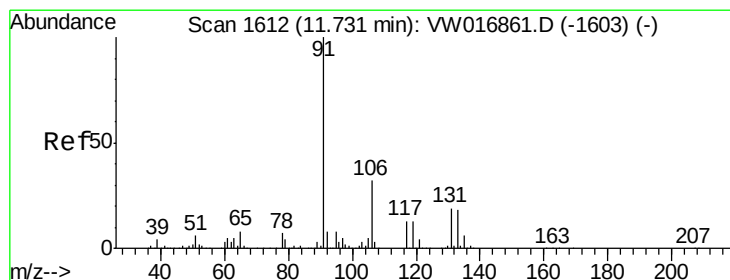
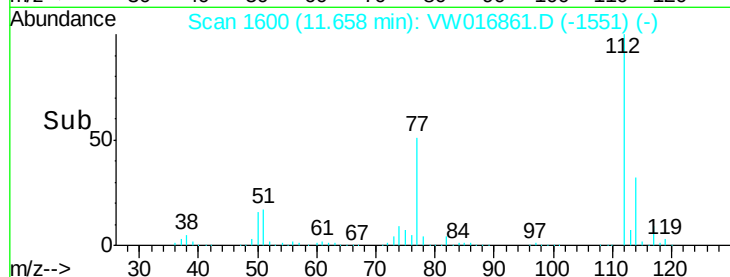
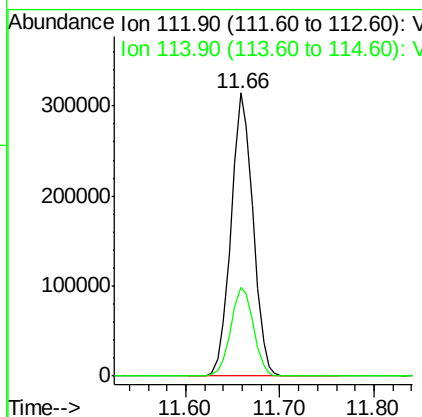
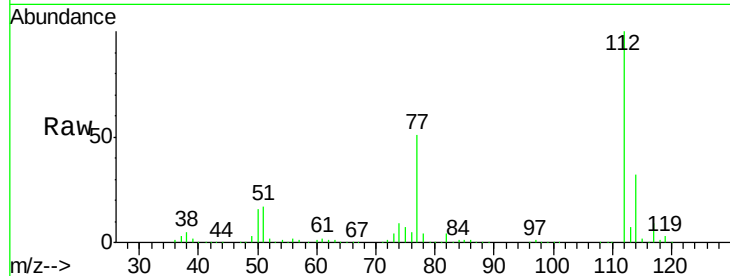
#65
Chlorobenzene
Concen: 50.637 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 507540
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

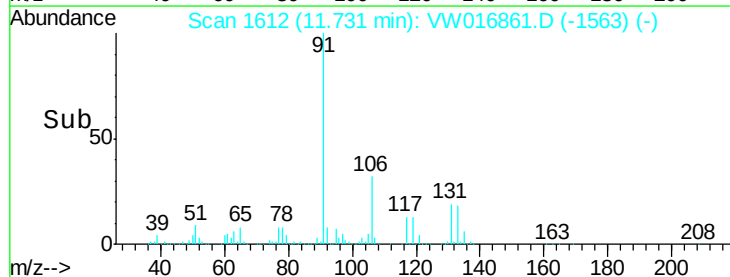
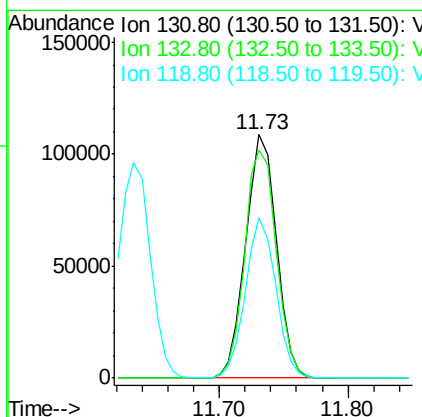
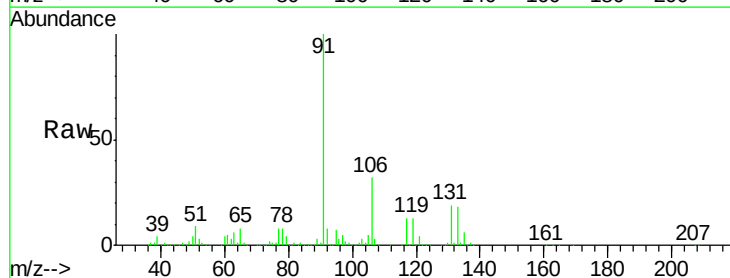
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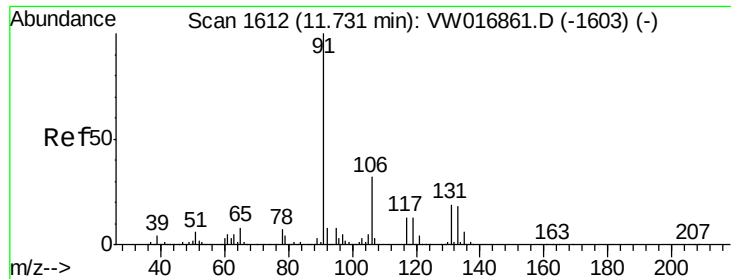
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.661 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion:131 Resp: 179574
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 64.9 32.5 97.4





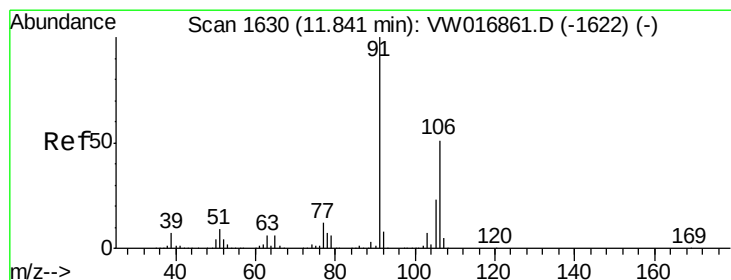
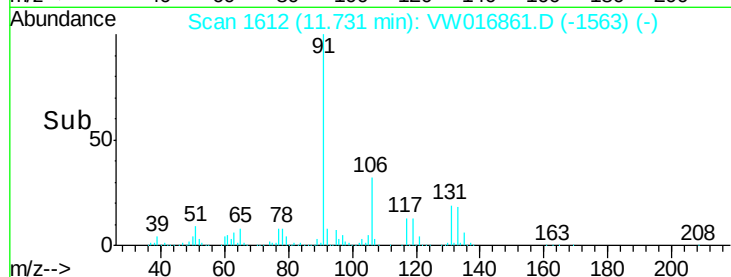
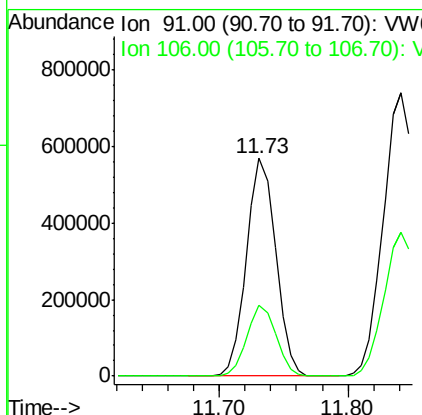
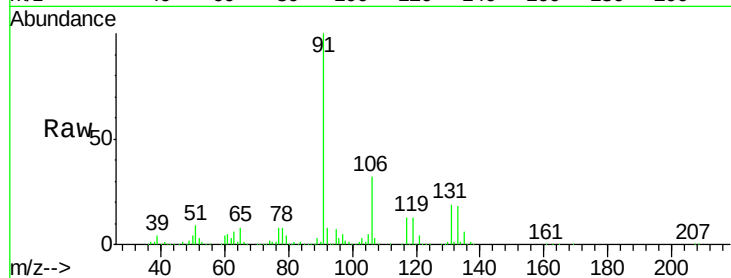
#67
Ethyl Benzene
Concen: 51.280 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 895657
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9

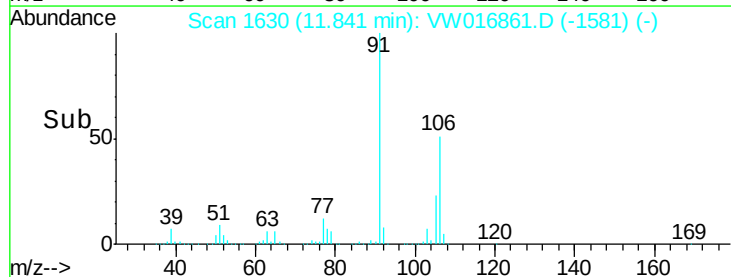
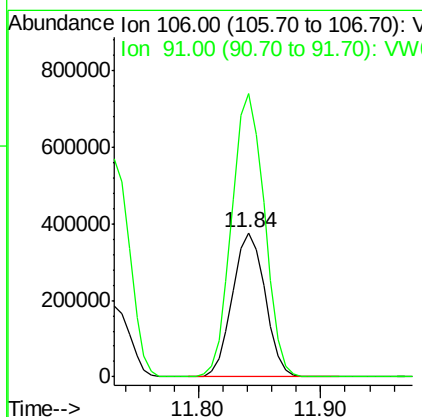
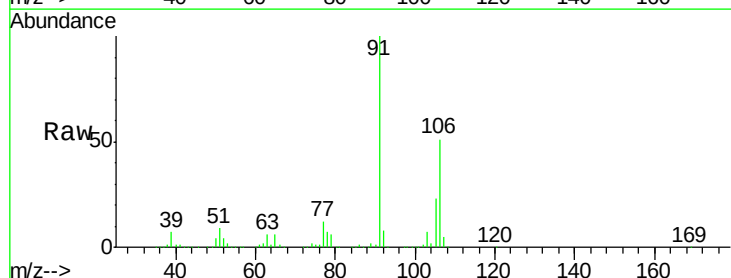
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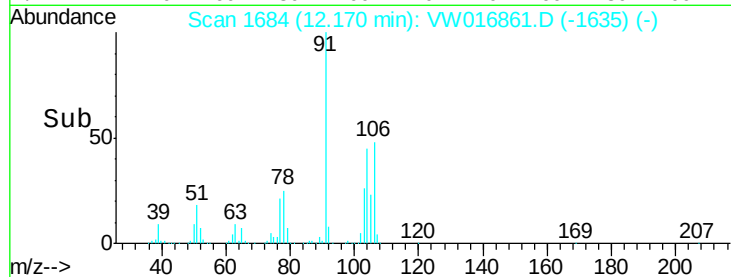
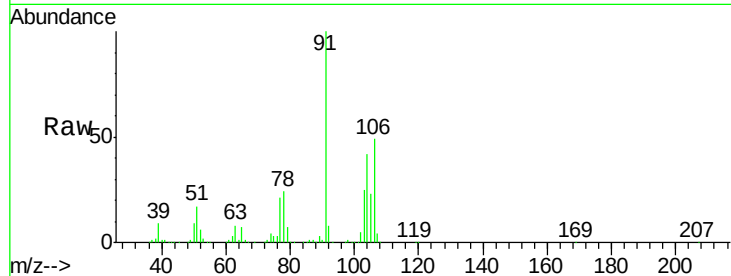
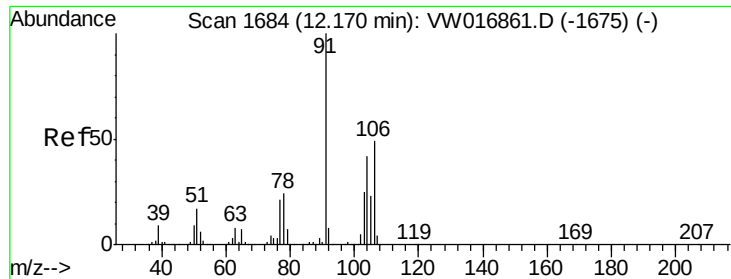
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#68
m/p-Xylenes
Concen: 102.579 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion: 106 Resp: 696812
Ion Ratio Lower Upper
106 100
91 196.7 157.4 236.0





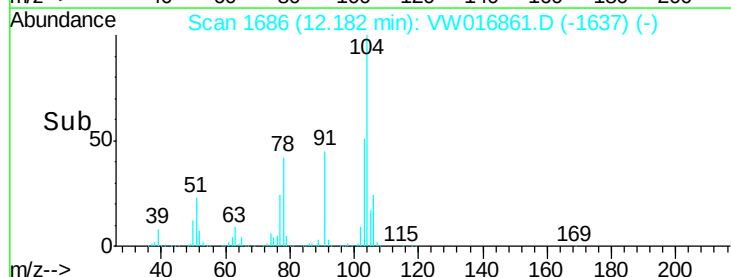
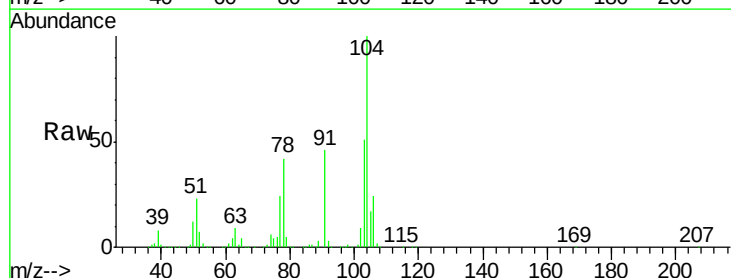
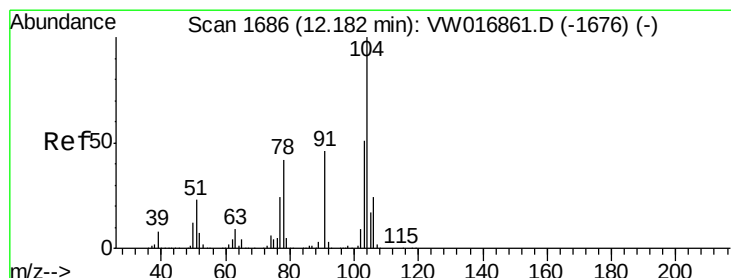
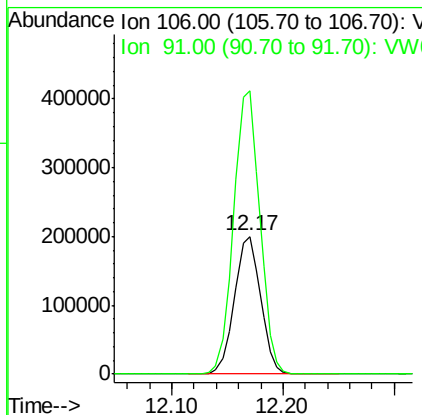
#69
o-Xylene
Concen: 51.935 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tot Ion	Ratio	Resp	Lower	Upper
106	100	323743		
91	207.3	103.6	310.9	

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

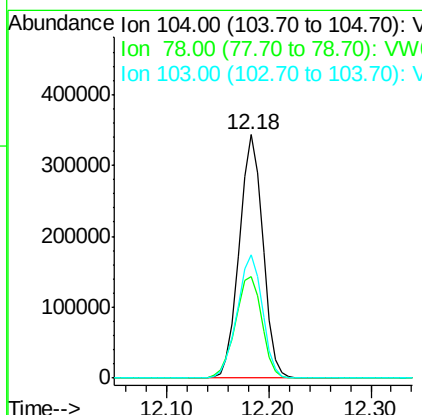
Manual Integrations
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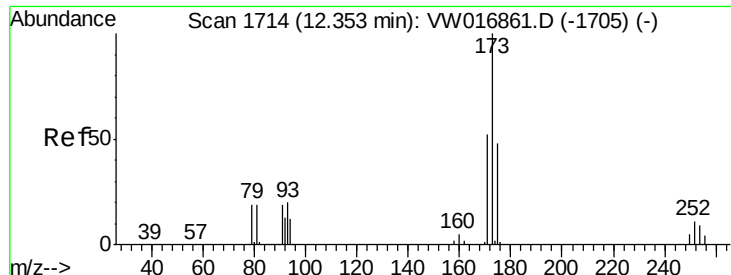
apatel
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#70
Styrene
Concen: 52.691 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	546662		
78	47.0	37.6	56.4	
103	54.5	43.6	65.4	





#71

Bromoform

Concen: 53.012 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 94337

Ion Ratio Lower Upper

173 100

175 49.4 24.7 74.1

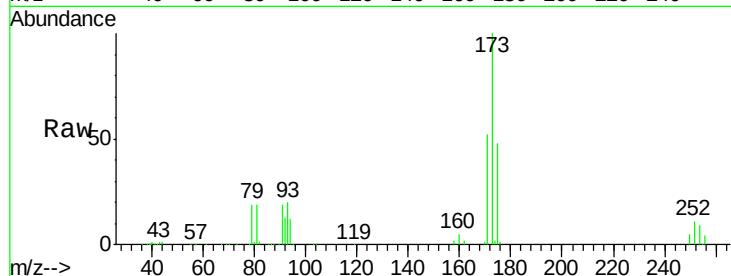
254 0.1 0.1 0.1#

Manual Integrations

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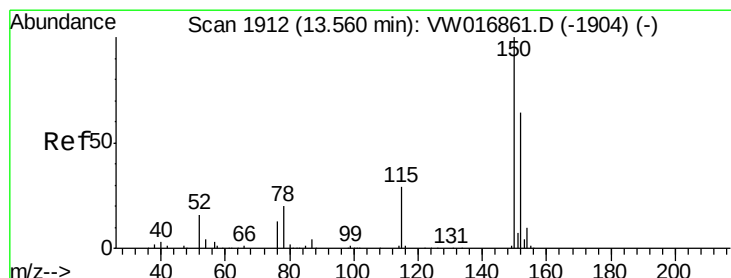
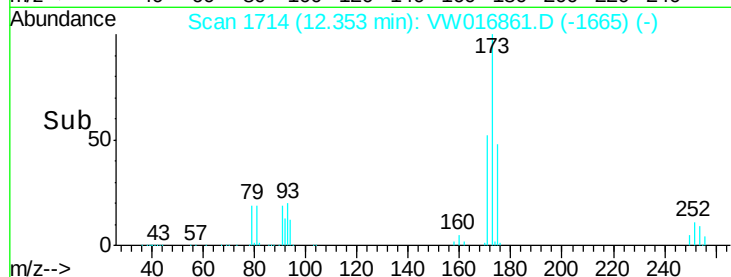
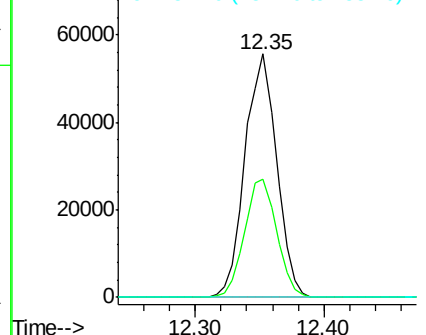
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

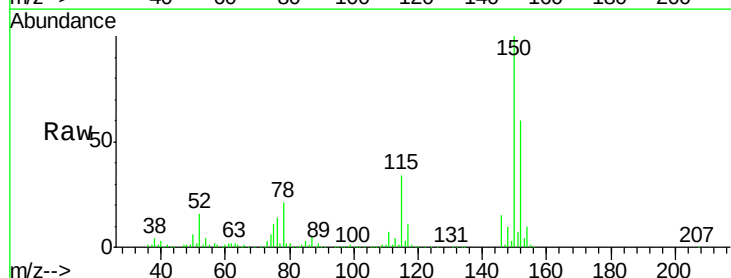
Tgt Ion:152 Resp: 267357

Ion Ratio Lower Upper

152 100

115 55.8 27.9 83.7

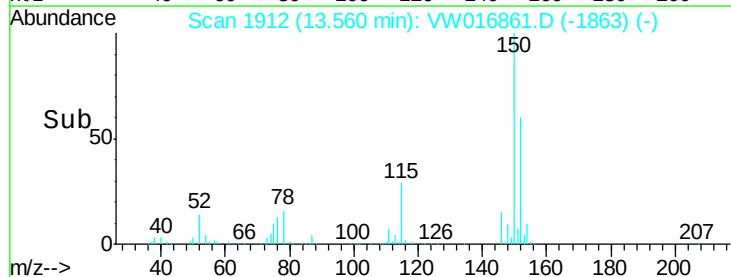
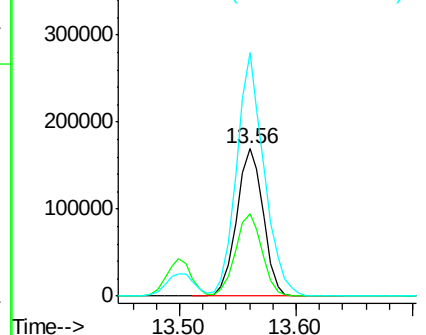
150 172.0 0.0 344.0

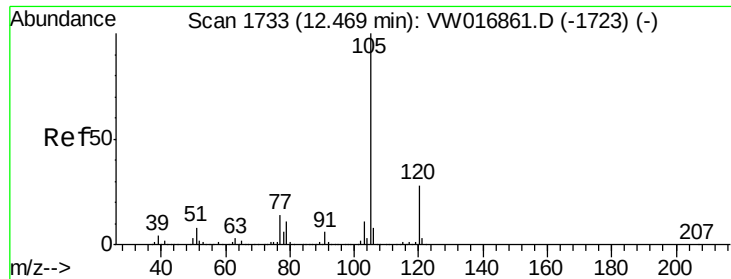


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





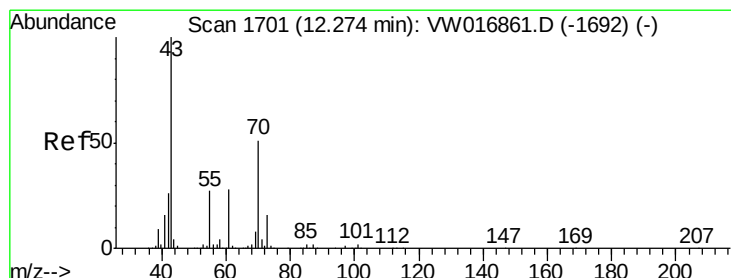
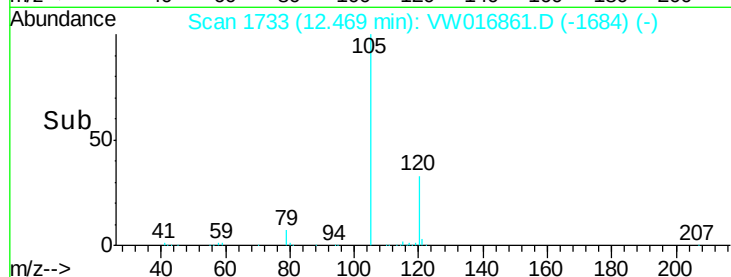
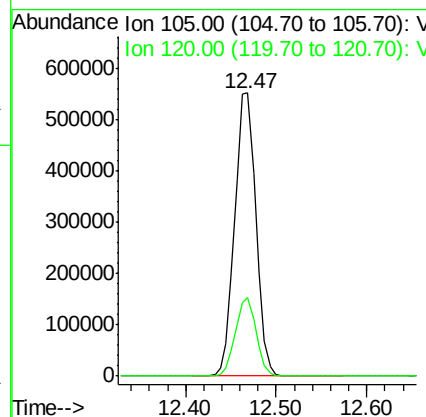
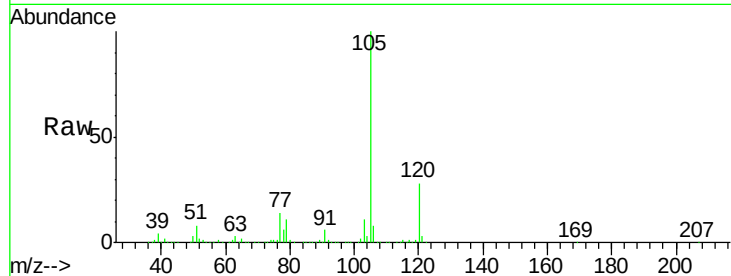
#73
Isopropylbenzene
Concen: 50.436 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.6	40.7

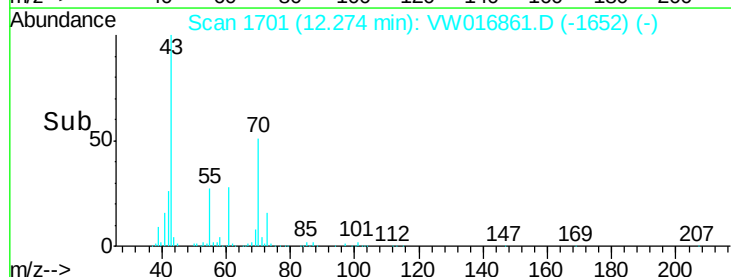
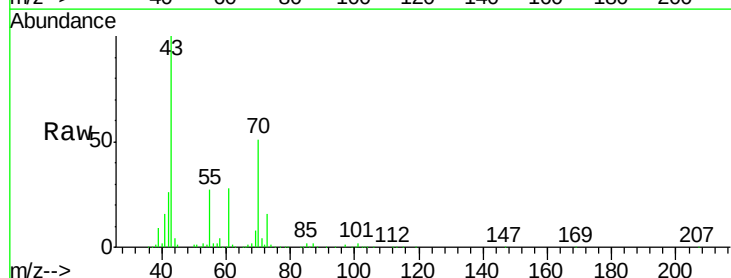
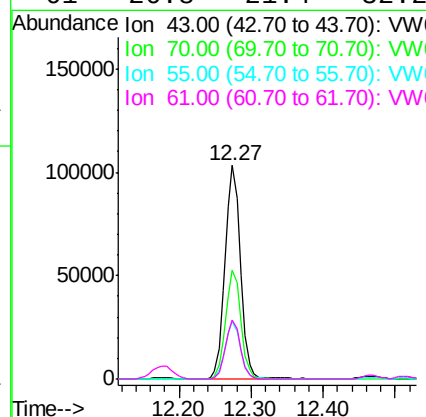
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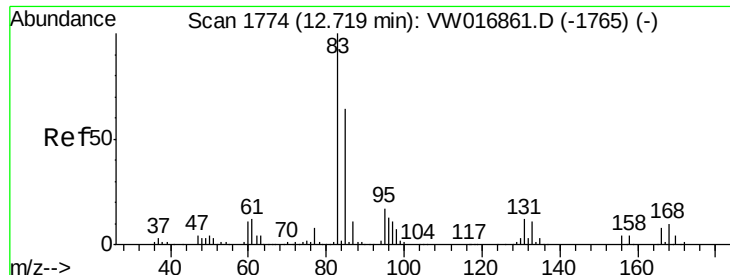
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#74
N-ethyl acetate
Concen: 54.443 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
70	50.3	40.2	60.4
55	26.7	21.4	32.0
61	26.8	21.4	32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.682 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

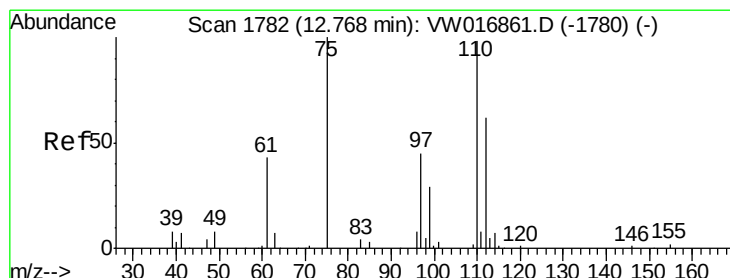
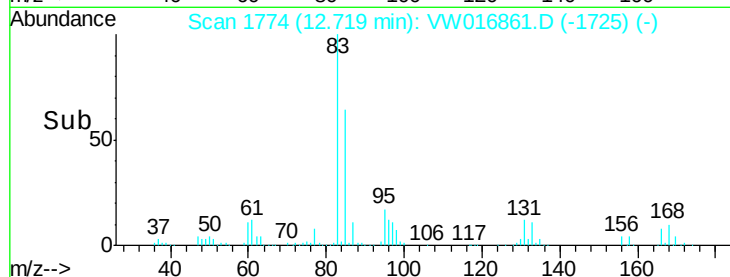
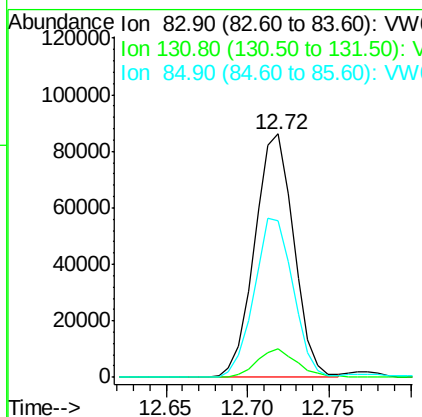
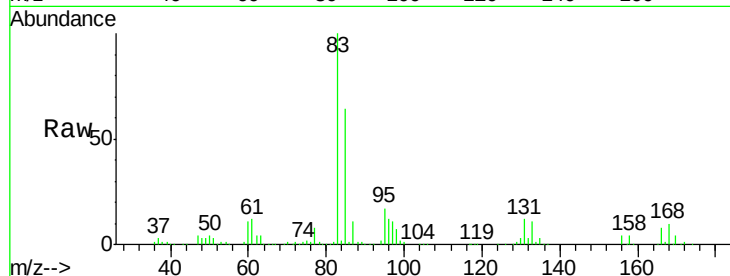
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	144099
Ion Ratio	Lower	Upper	
83	100		
131	12.2	6.1	18.3
85	65.4	32.7	98.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 58.149 ug/l m

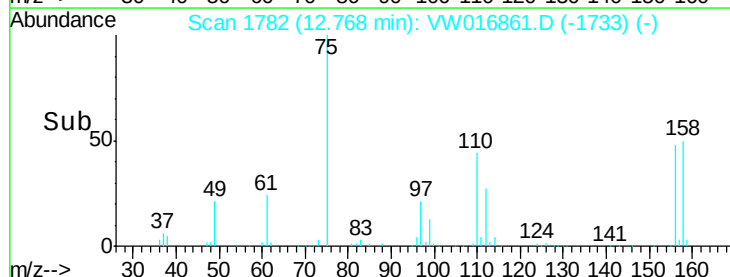
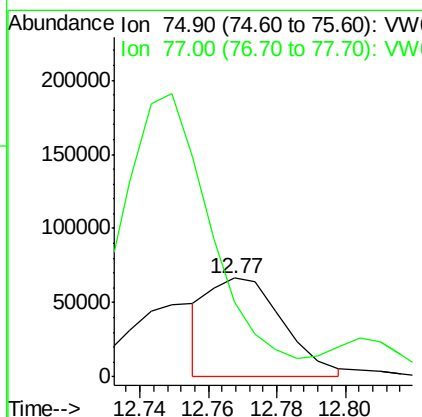
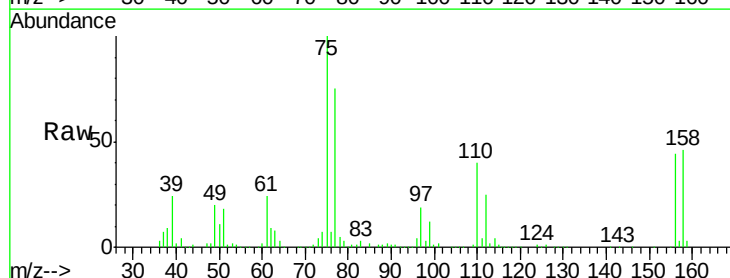
RT: 12.77 min Scan# 1782

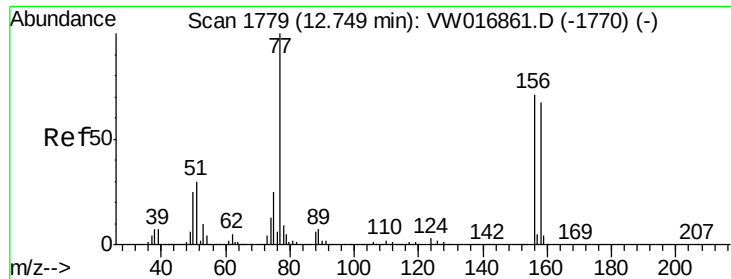
Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Tgt Ion:	75	Resp:	100295
Ion Ratio	Lower	Upper	
75	100		
77	350.1	178.8	536.3





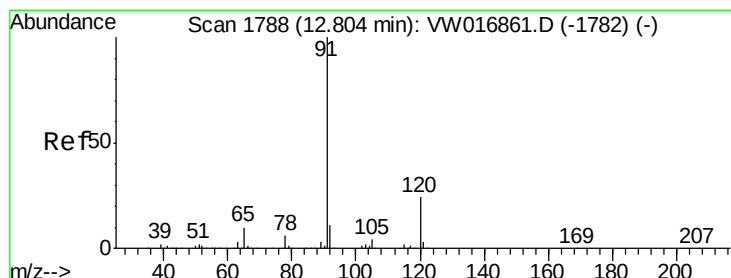
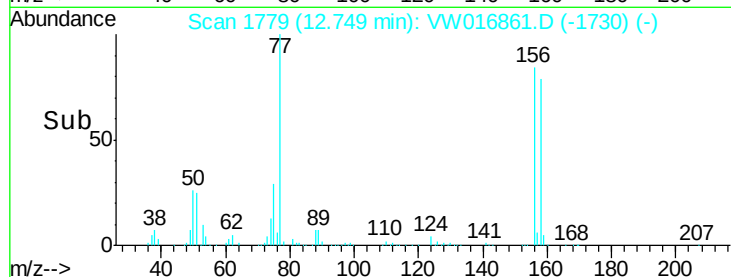
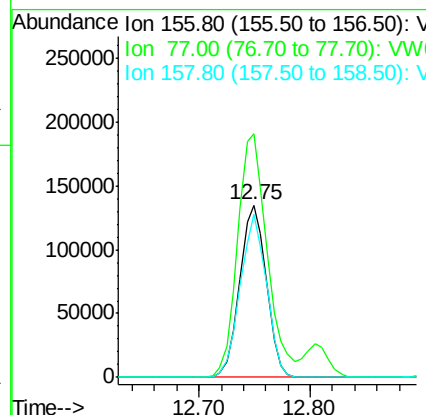
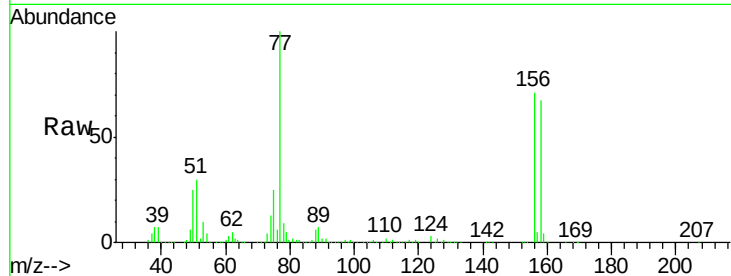
#77
Bromobenzene
Concen: 50.542 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	158.1	79.0	237.2
158	94.1	47.0	141.2

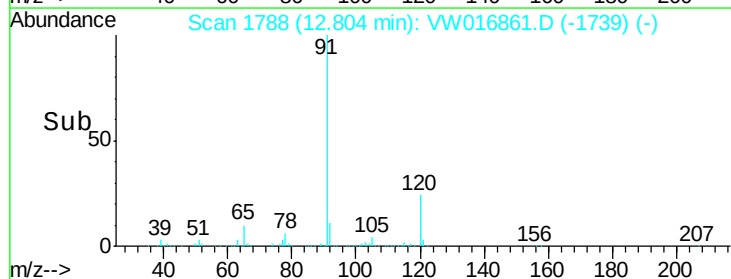
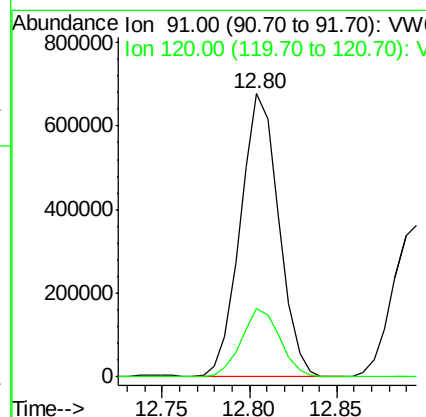
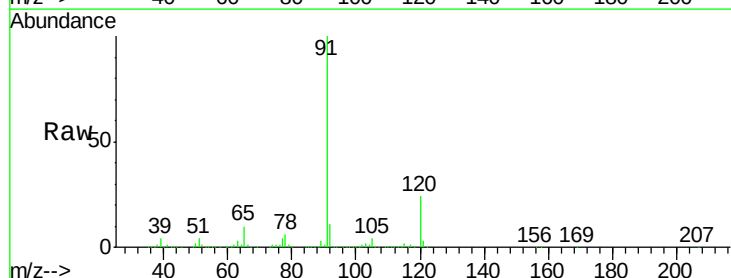
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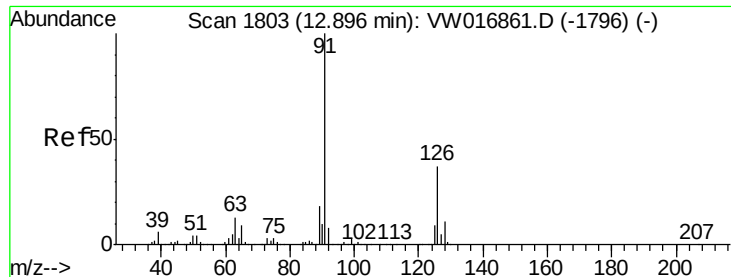
apatel
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#78
n-propylbenzene
Concen: 50.389 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.0	36.1





#79

2-Chlorotoluene

Concen: 50.241 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 587351

Ion Ratio Lower Upper

91 100

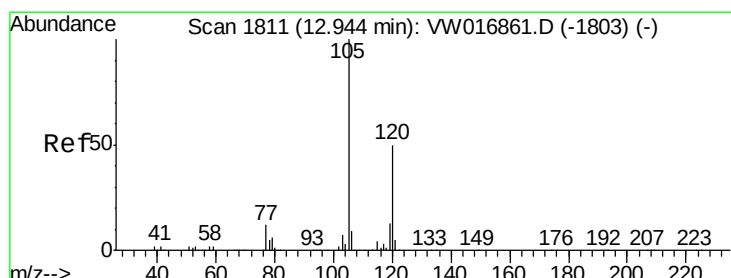
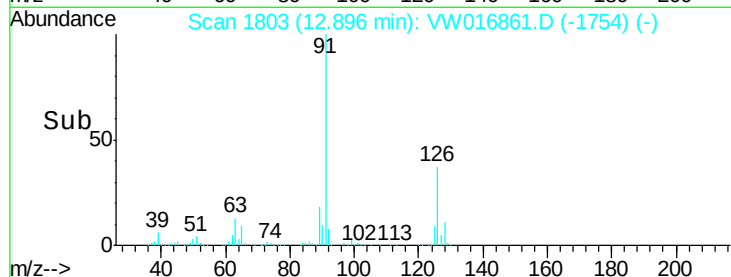
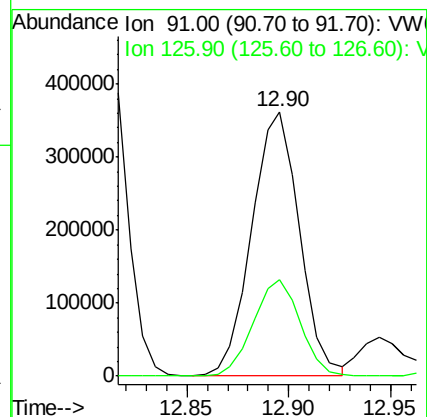
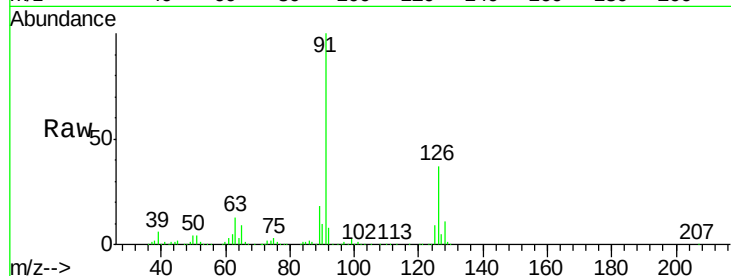
126 35.9 17.9 53.8

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#80

1,3,5-Trimethylbenzene

Concen: 51.146 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016861.D

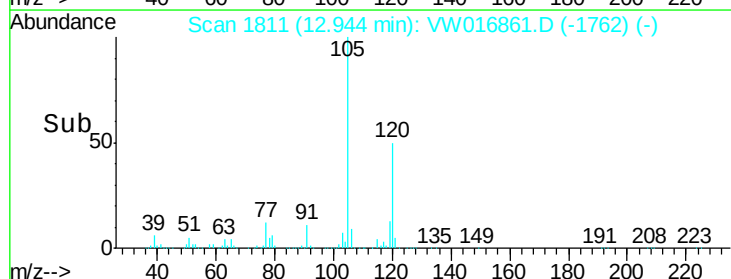
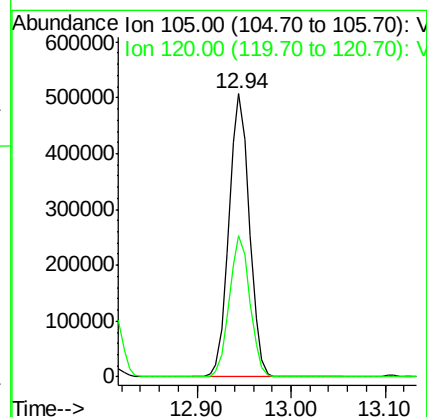
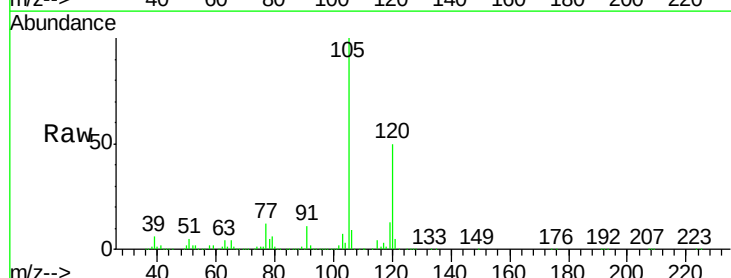
Acq: 09 Oct 2020 15:00

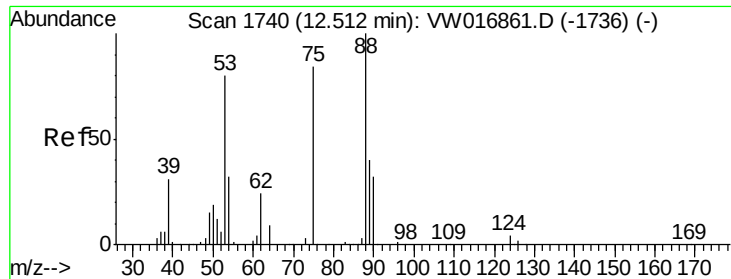
Tgt Ion: 105 Resp: 761694

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.8





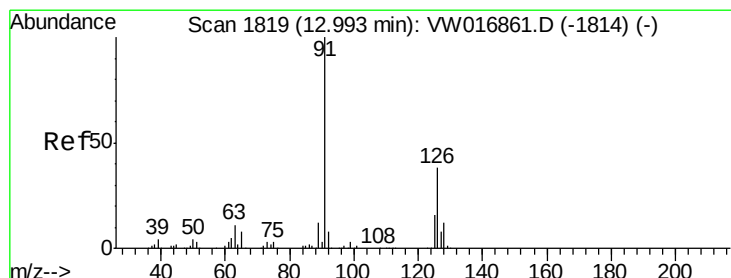
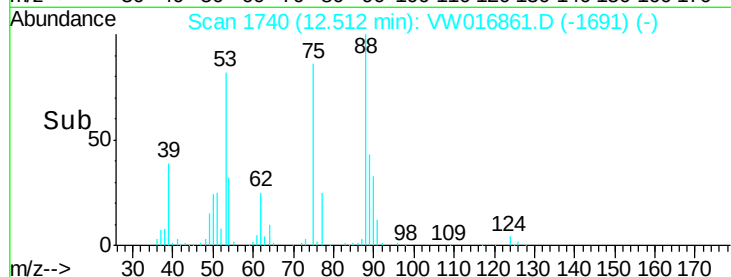
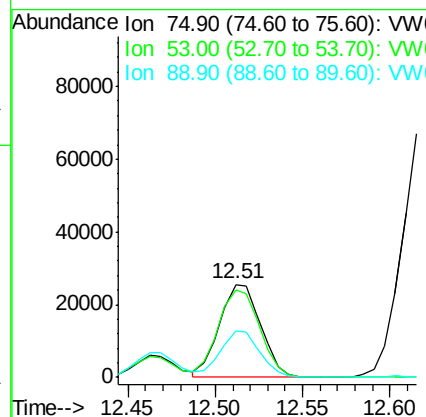
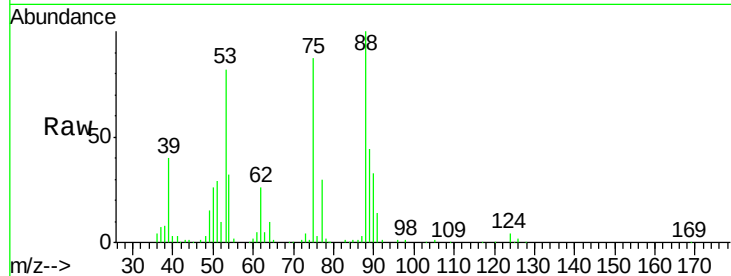
#81
trans-1,4-Dichloro-2-butene
Concen: 56.126 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.2	77.0	115.4
89	48.4	38.7	58.1

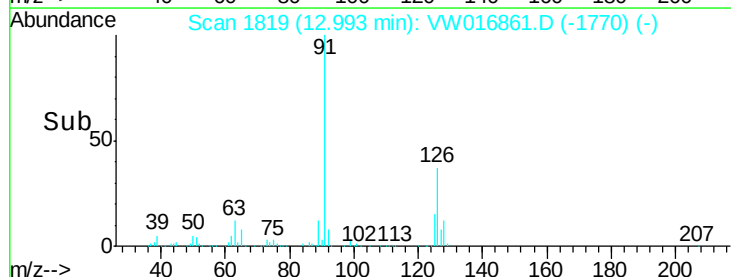
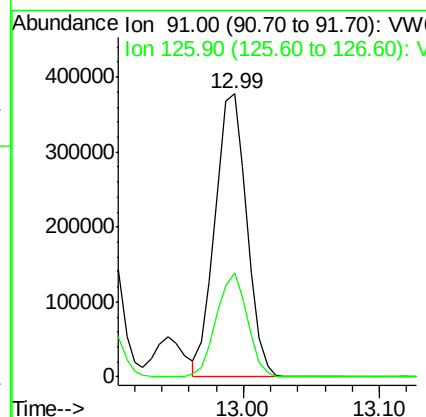
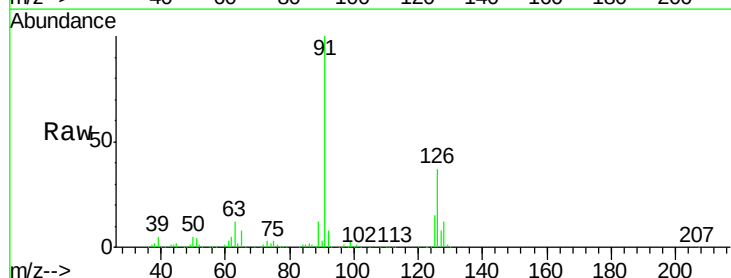
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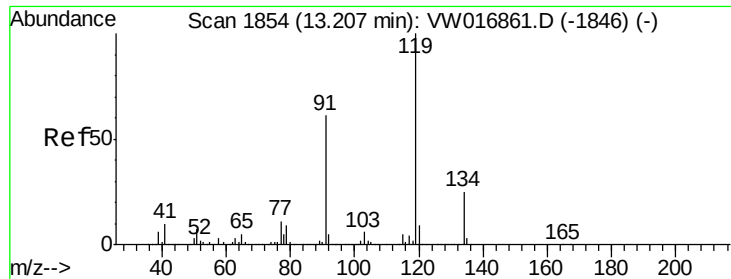
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#82
4-Chlorotoluene
Concen: 50.292 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.2	18.1	54.3





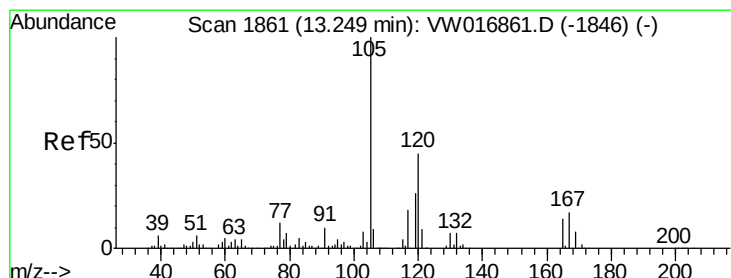
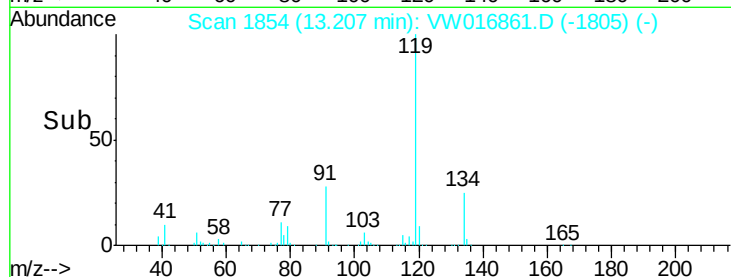
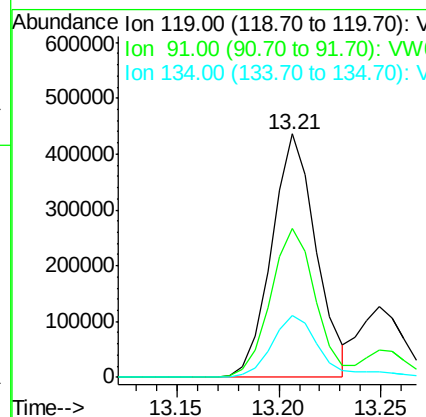
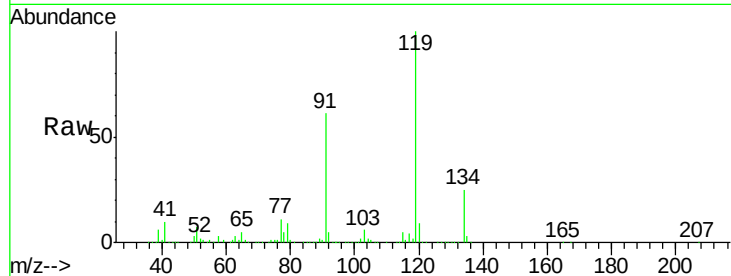
#83
tert-Butylbenzene
Concen: 51.148 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	661566		
91	62.6	31.3	93.9	
134	28.0	14.0	42.0	

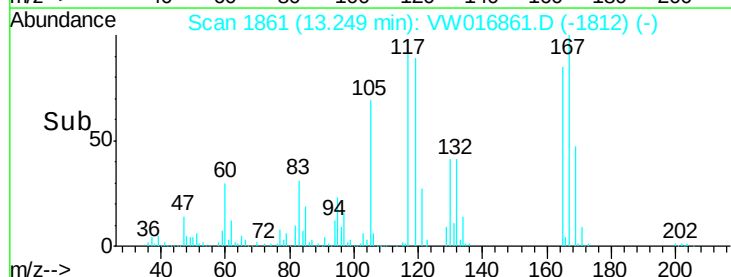
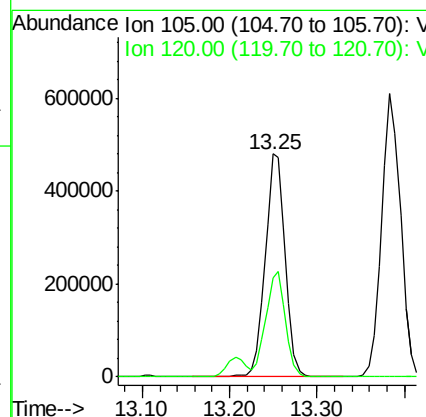
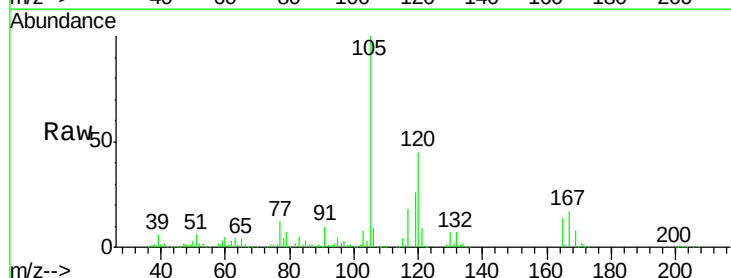
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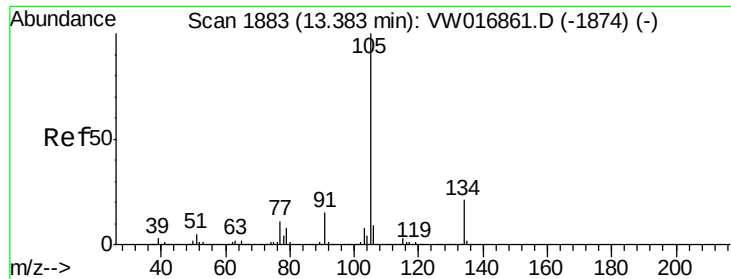
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#84
1,2,4-Trimethylbenzene
Concen: 51.017 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	757063		
120	46.7	23.4	70.0	





#85

sec-Butylbenzene

Concen: 50.772 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 914097

Ion Ratio Lower Upper

105 100

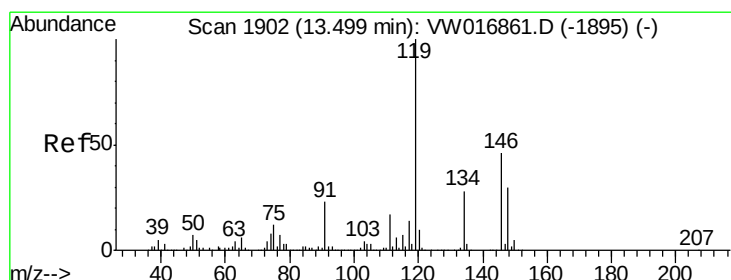
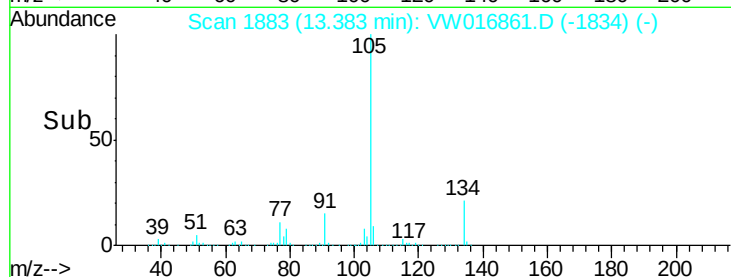
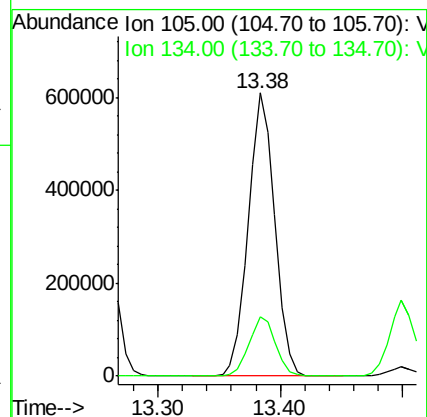
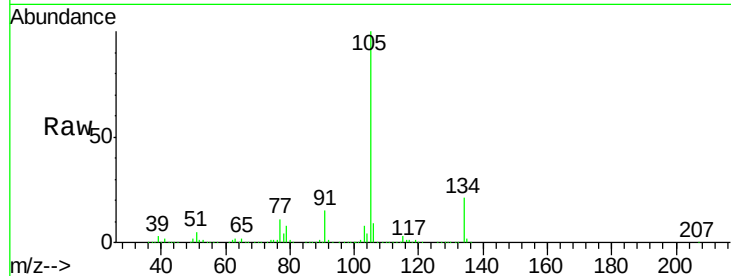
134 21.2 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 50.387 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

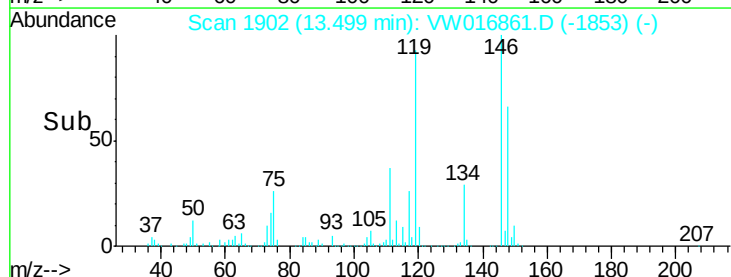
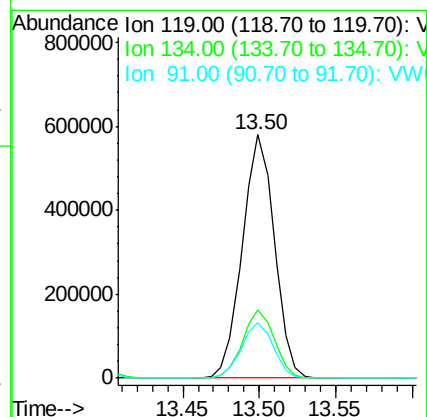
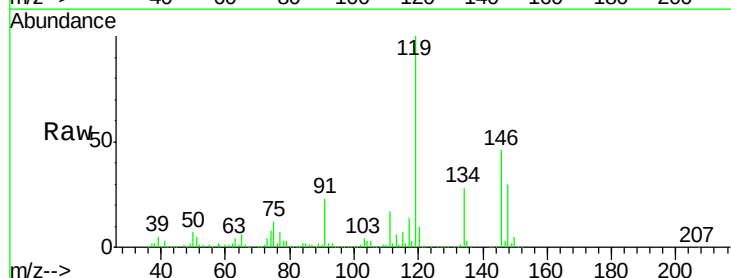
Tgt Ion:119 Resp: 844731

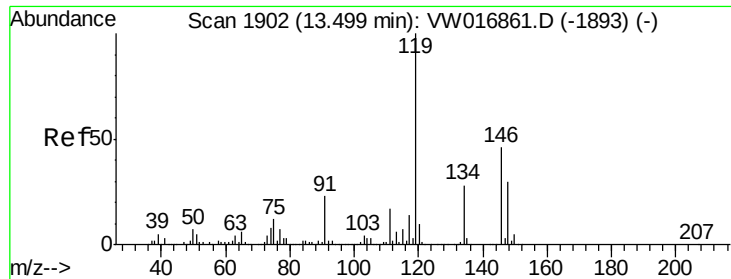
Ion Ratio Lower Upper

119 100

134 27.5 13.8 41.3

91 22.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.233 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

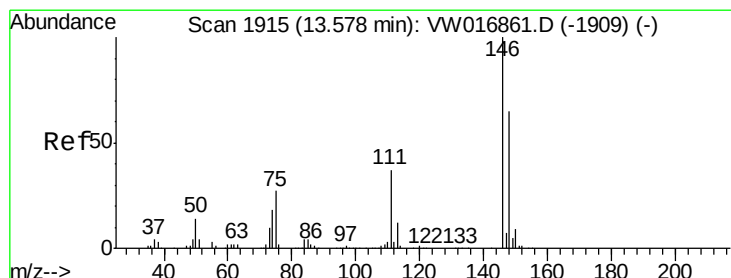
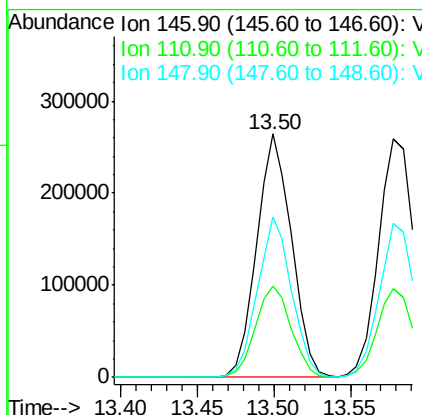
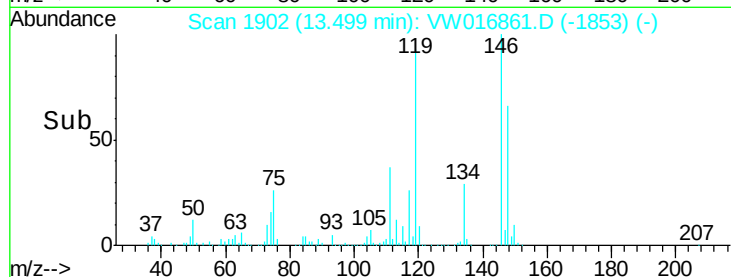
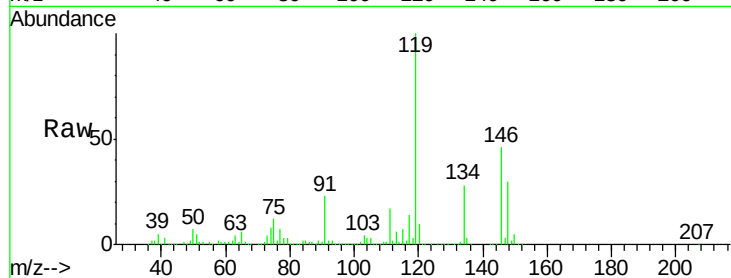
Instrument :
MSVOA_W

ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	418213		
111	38.3	19.1	57.5	
148	64.9	32.5	97.4	

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#88

1,4-Dichlorobenzene

Concen: 49.995 ug/l

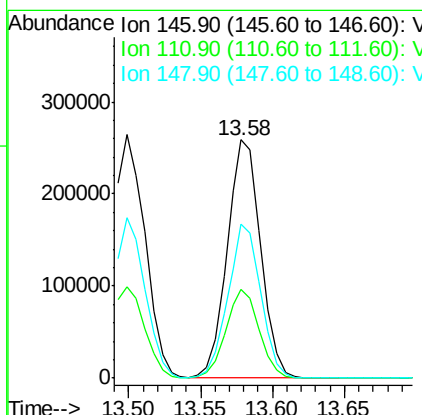
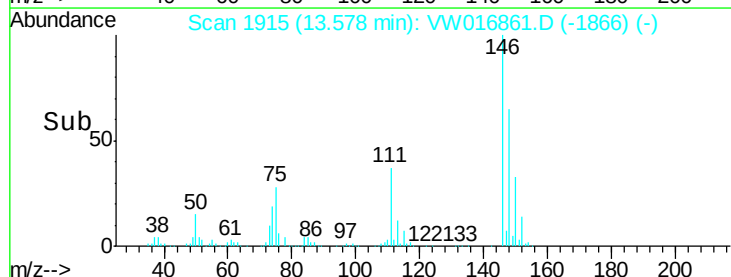
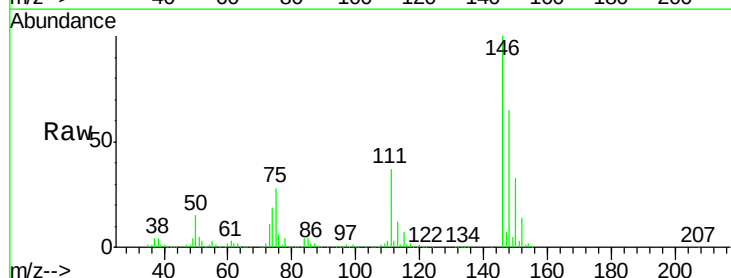
RT: 13.58 min Scan# 1915

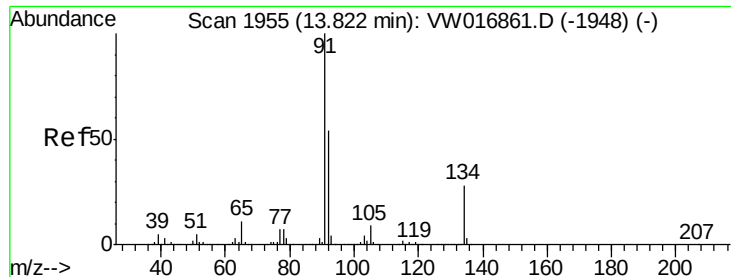
Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	418508		
111	37.0	18.5	55.5	
148	63.6	31.8	95.4	





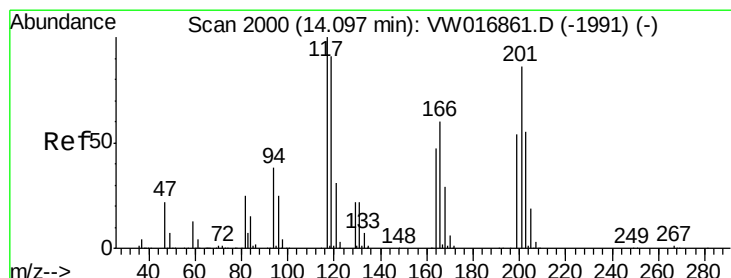
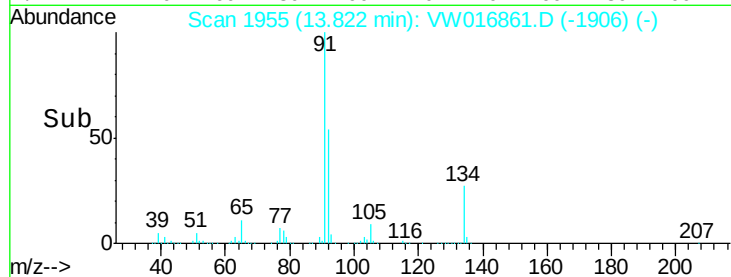
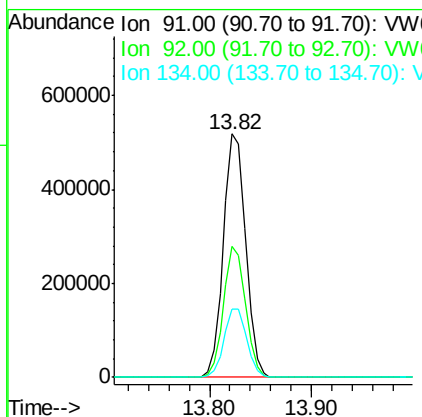
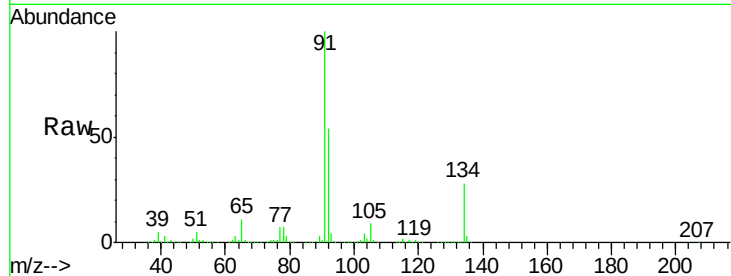
#89
n-Butylbenzene
Concen: 51.951 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	28.6	14.3	42.9

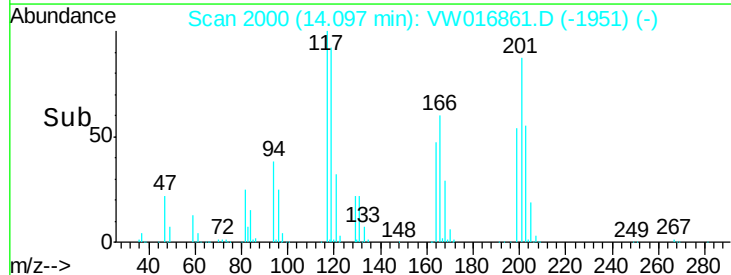
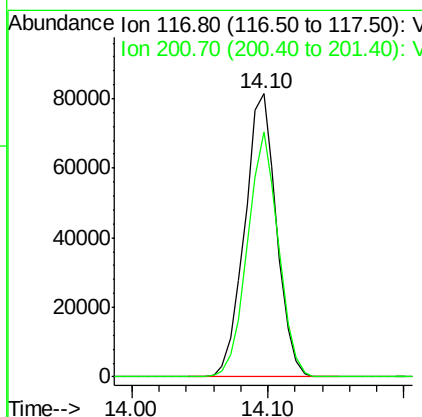
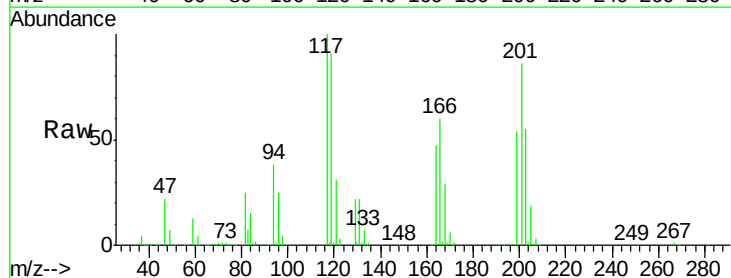
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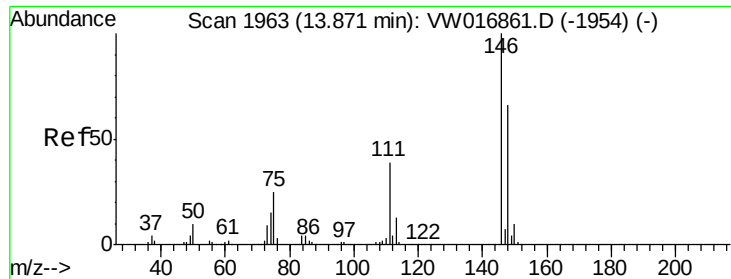
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#90
Hexachloroethane
Concen: 51.521 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.8	41.9	125.7





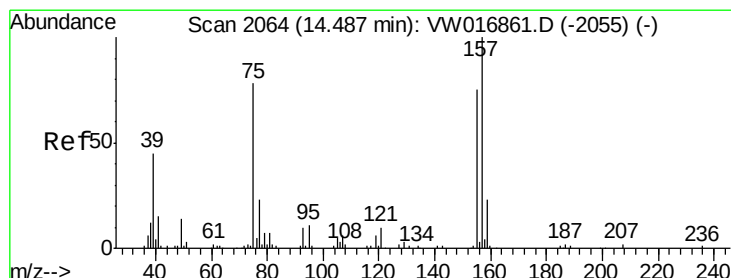
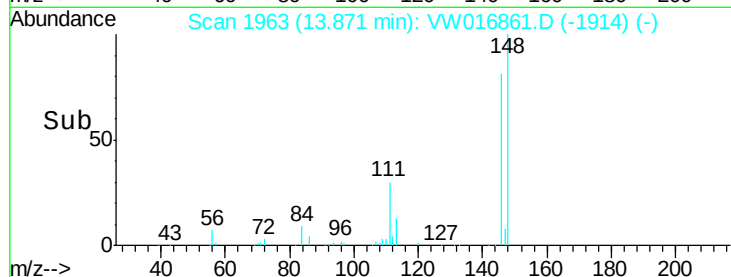
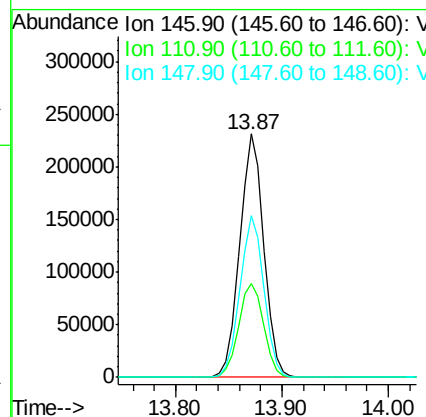
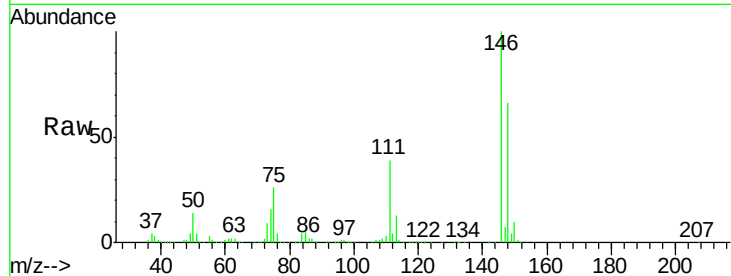
#91
 1,2-Dichlorobenzene
 Concen: 50.049 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	366816		
111	40.2		20.1	60.3
148	66.2		33.1	99.3

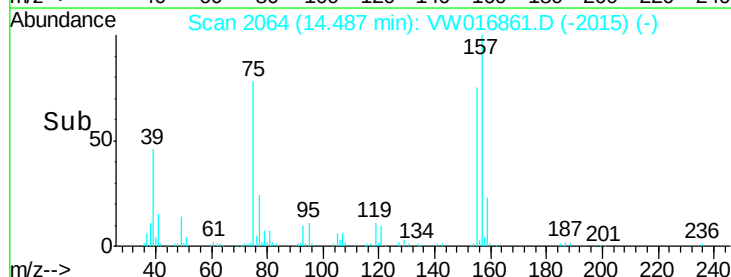
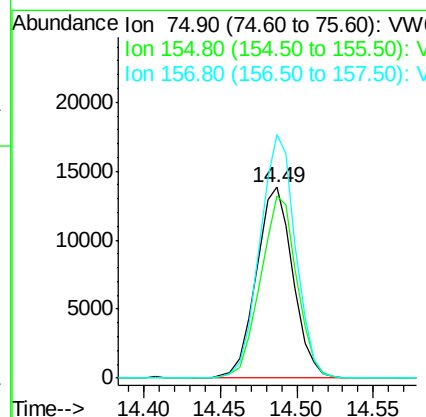
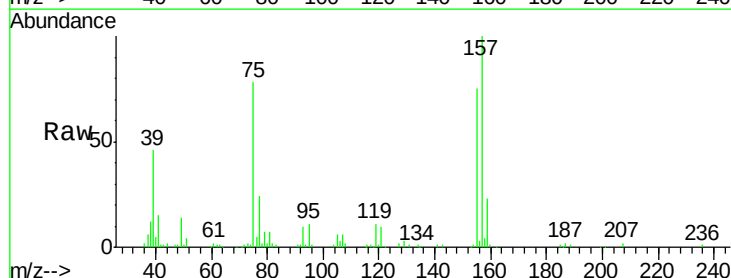
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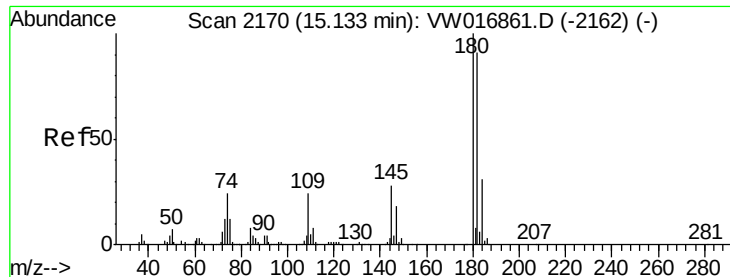
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.932 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23028		
155	95.2		47.6	142.8
157	124.4		62.2	186.6





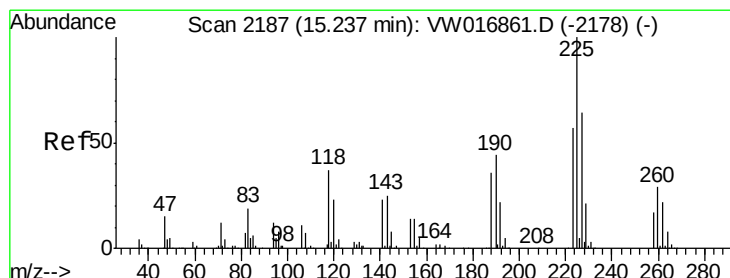
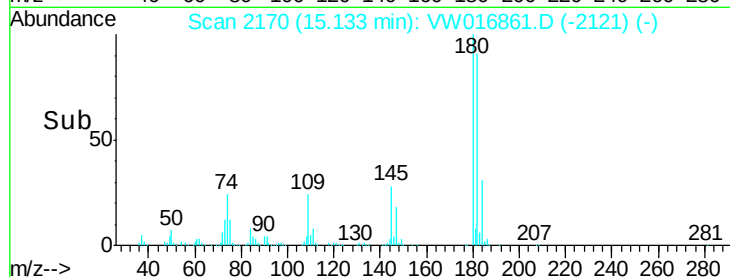
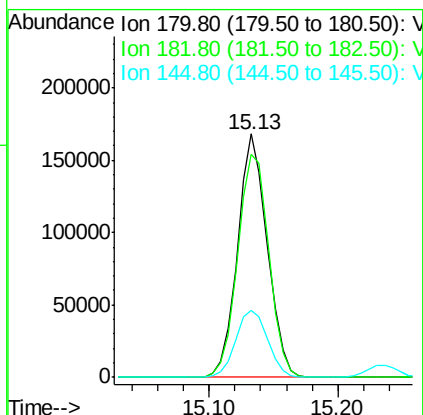
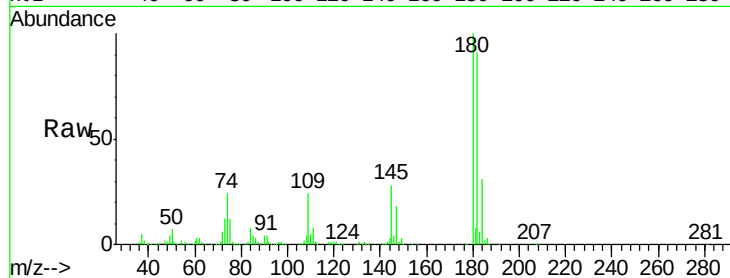
#93
 1,2,4-Trichlorobenzene
 Concen: 52.763 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	266824		
182	96.6	48.3	144.9	
145	29.7	14.9	44.5	

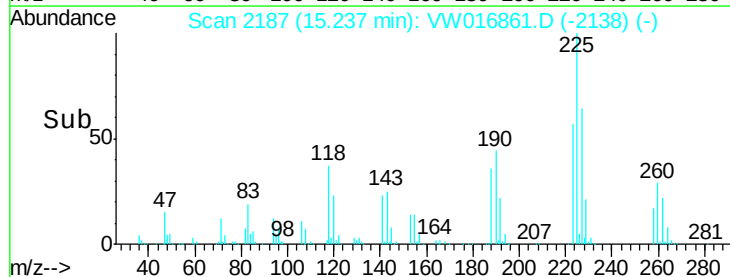
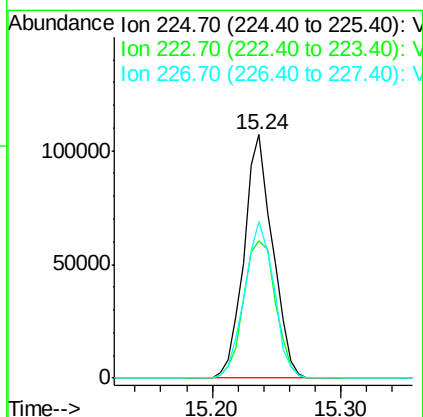
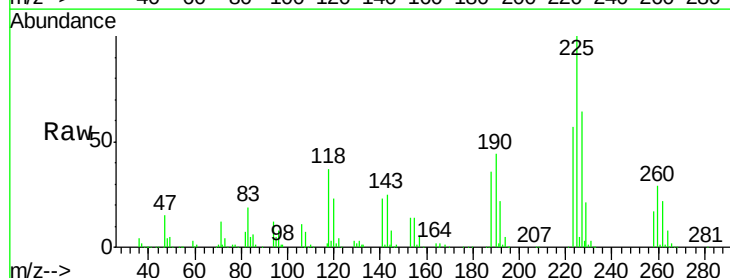
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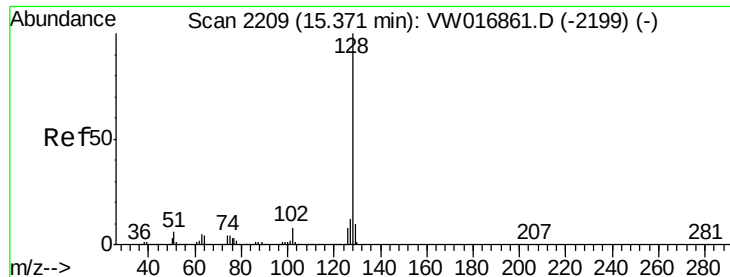
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#94
 Hexachlorobutadiene
 Concen: 49.813 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	163296		
223	63.8	31.9	95.7	
227	66.0	33.0	99.0	





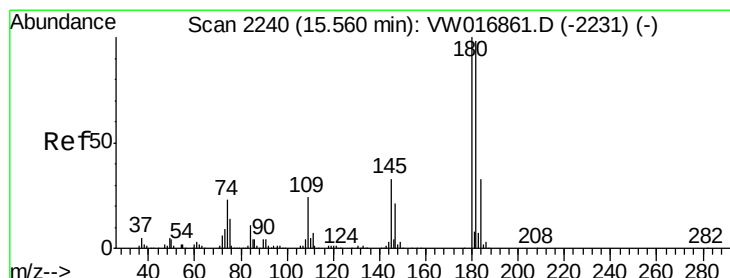
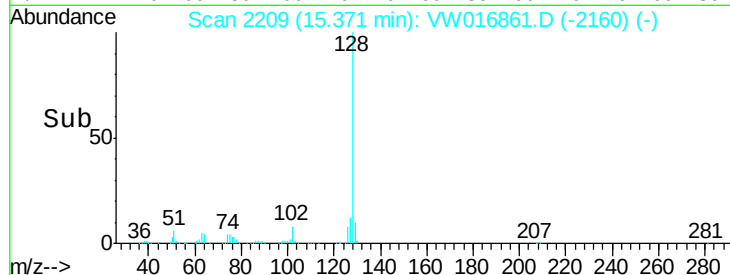
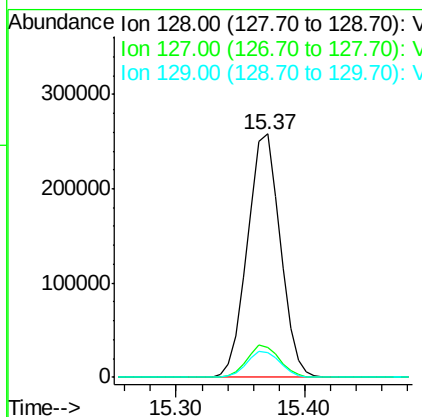
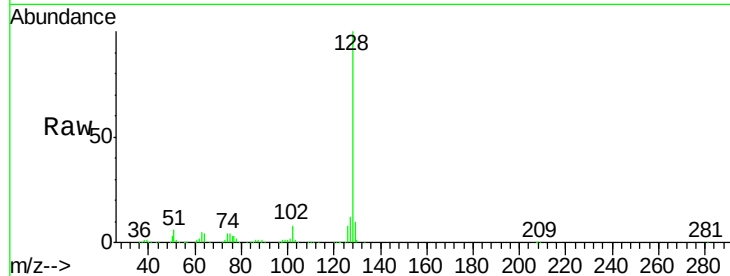
#95
Naphthalene
Concen: 55.352 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	454933		
127	13.0		10.4	15.6
129	10.7		8.6	12.8

Manual Integrations
APPROVED

apatel
10/12/2020 1:58:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.023 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	224470		
182	98.8		49.4	148.2
145	32.6		16.3	48.9

