

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014734.D
 Acq On : 23 Jan 2020 19:40
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:02:39 PM

Quant Time: Jan 24 06:31:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	566994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	875551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	766322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	375579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	304168	61.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.72%	
35) Dibromofluoromethane	7.88	113	280303	56.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.04%	
50) Toluene-d8	10.32	98	1135150	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
62) 4-Bromofluorobenzene	12.62	95	389207	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	161198	50.353	ug/l	99
3) Chloromethane	2.21	50	204770	52.256	ug/l	98
4) Vinyl Chloride	2.36	62	324158	56.243	ug/l	98
5) Bromomethane	2.77	94	208793	58.643	ug/l	99
6) Chloroethane	2.92	64	215586	65.619	ug/l	99
7) Trichlorofluoromethane	3.25	101	166062	57.587	ug/l	97
8) Diethyl Ether	3.67	74	164496	57.332	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	301332	55.926	ug/l	98
10) Methyl Iodide	4.28	142	423277	52.066	ug/l	96
11) Tert butyl alcohol	5.15	59	119391	318.655	ug/l	98
12) 1,1-Dichloroethene	4.04	96	304245	53.921	ug/l	96
13) Acrolein	3.89	56	169235	391.134	ug/l	97
14) Allyl chloride	4.66	41	508609	58.986	ug/l	98
15) Acrylonitrile	5.35	53	428264	326.548	ug/l	99
16) Acetone	4.12	43	377014	269.338	ug/l	97
17) Carbon Disulfide	4.39	76	873113	51.341	ug/l	98
18) Methyl Acetate	4.67	43	218714	64.696	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	476946	68.095	ug/l	97
20) Methylene Chloride	4.92	84	330764	59.258	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	328735	54.869	ug/l	92
22) Diisopropyl ether	6.31	45	1024137	63.457	ug/l	98
23) Vinyl Acetate	6.24	43	3074350	315.455	ug/l	98
24) 1,1-Dichloroethane	6.21	63	598068	58.747	ug/l	99
25) 2-Butanone	7.17	43	556021	309.524	ug/l	95
26) 2,2-Dichloropropane	7.16	77	314115	55.730	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	351985	55.912	ug/l	95
28) Bromochloromethane	7.51	49	295485	74.034	ug/l	92
29) Tetrahydrofuran	7.52	42	361021	324.406	ug/l	98
30) Chloroform	7.67	83	561662	58.998	ug/l	99
31) Cyclohexane	7.95	56	567404	53.631	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	445021	58.123	ug/l	98
36) 1,1-Dichloropropene	8.07	75	464432	55.023	ug/l	99
37) Ethyl Acetate	7.24	43	245581	64.151	ug/l	97
38) Carbon Tetrachloride	8.07	117	404033	55.175	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	570206	52.641	ug/l	94
40) Benzene	8.32	78	1332256	55.786	ug/l	100
41) Methacrylonitrile	7.48	41	138737	65.015	ug/l	96
42) 1,2-Dichloroethane	8.40	62	371973	60.020	ug/l	97
43) Isopropyl Acetate	8.42	43	433968	62.428	ug/l	98
44) Trichloroethene	9.09	130	341253	52.807	ug/l	96
45) 1,2-Dichloropropane	9.37	63	338326	57.731	ug/l	99
46) Dibromomethane	9.45	93	167053	57.742	ug/l	97
47) Bromodichloromethane	9.64	83	415705	58.201	ug/l	98
48) Methyl methacrylate	9.43	41	216795	63.876	ug/l	97
49) 1,4-Dioxane	9.45	88	62149	1148.556	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1172927	324.919	ug/l	98
52) Toluene	10.38	92	820648	54.621	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	429334	58.054	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	506684	56.059	ug/l	94
55) 1,1,2-Trichloroethane	10.78	97	243070	57.528	ug/l	98
56) Ethyl methacrylate	10.64	69	335525	61.103	ug/l #	93
57) 1,3-Dichloropropane	10.93	76	429317	57.812	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	622862	372.962	ug/l	97
59) 2-Hexanone	10.96	43	811043	326.041	ug/l	96
60) Dibromochloromethane	11.13	129	266788	55.961	ug/l	98
61) 1,2-Dibromoethane	11.23	107	228374	56.941	ug/l	99
64) Tetrachloroethene	10.86	164	306225	55.197	ug/l	96
65) Chlorobenzene	11.65	112	835629	53.226	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	286891	54.274	ug/l	99
67) Ethyl Benzene	11.73	91	1541503	54.484	ug/l	99
68) m/p-Xylenes	11.83	106	1162631	107.369	ug/l	98
69) o-Xylene	12.16	106	545211	54.508	ug/l	100
70) Styrene	12.18	104	936915	55.379	ug/l	99
71) Bromoform	12.35	173	162640	56.408	ug/l #	97
73) Isopropylbenzene	12.46	105	1488041	53.996	ug/l	100
74) N-amyl acetate	12.27	43	388165	62.819	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	288680	58.036	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	214310m	60.351	ug/l	
77) Bromobenzene	12.74	156	340284	53.164	ug/l	95
78) n-propylbenzene	12.80	91	1785214	55.090	ug/l	99
79) 2-Chlorotoluene	12.89	91	1002915	54.385	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1255312	54.251	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	92494	58.034	ug/l	95
82) 4-Chlorotoluene	12.99	91	1049621	54.784	ug/l	98
83) tert-Butylbenzene	13.20	119	1099821	54.289	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1257149	54.596	ug/l	99
85) sec-Butylbenzene	13.38	105	1531435	54.613	ug/l	99
86) p-Isopropyltoluene	13.49	119	1381406	54.046	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	663846	53.336	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	645407	52.525	ug/l	99
89) n-Butylbenzene	13.82	91	1311901	55.272	ug/l	99
90) Hexachloroethane	14.09	117	237907	53.281	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	588799	53.823	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	45743	58.072	ug/l	96

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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	403504	54.621	ug/l	98
94) Hexachlorobutadiene	15.23	225	260122	52.543	ug/l	97
95) Naphthalene	15.36	128	769790	61.100	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	345863	53.711	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 566994

Ion Ratio Lower Upper

168 100

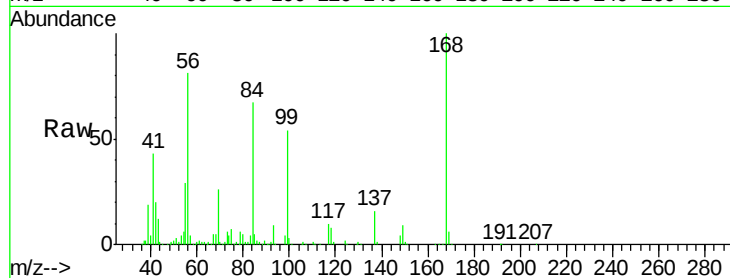
99 54.1 41.1 61.7

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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

250000

200000

150000

100000

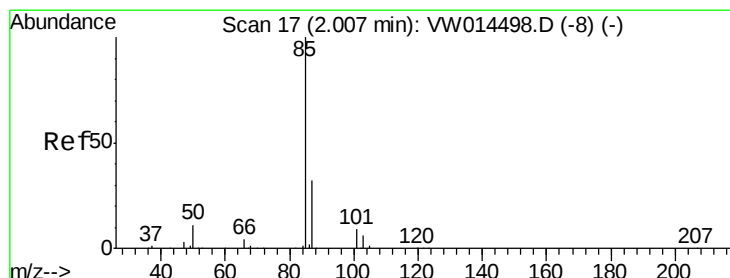
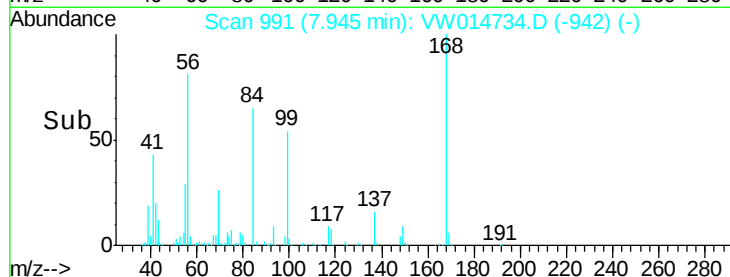
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 50.353 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014734.D

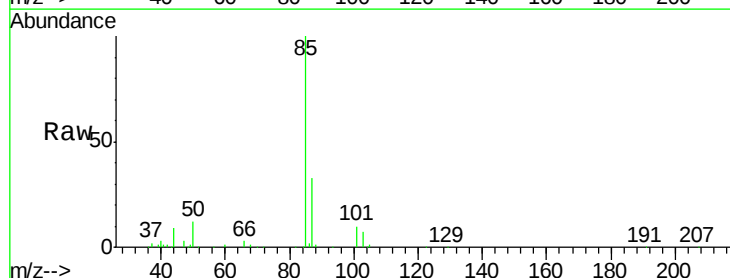
Acq: 23 Jan 2020 19:40

Tgt Ion: 85 Resp: 161198

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

50000

40000

30000

20000

10000

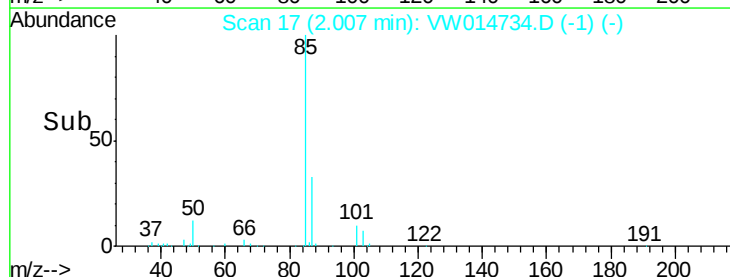
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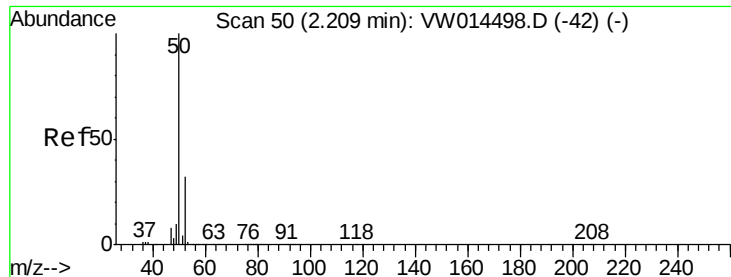
1.80

2.00

2.20

Time-->





#3

Chloromethane

Concen: 52.256 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 204770

Ion Ratio Lower Upper

50 100

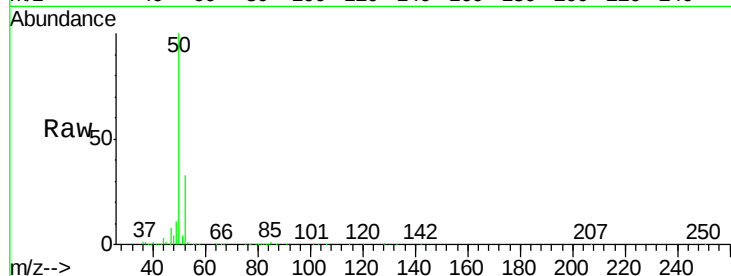
52 33.3 25.8 38.8

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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

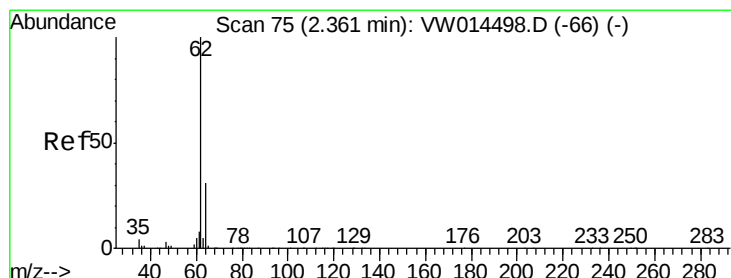
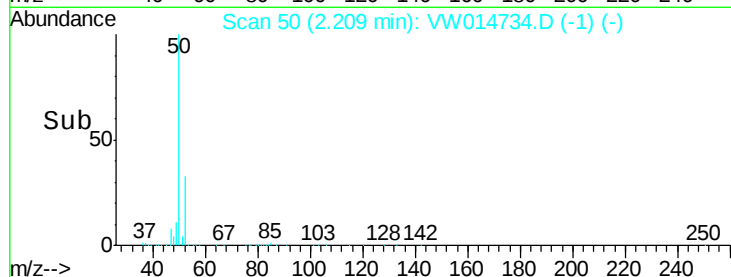
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 56.243 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014734.D

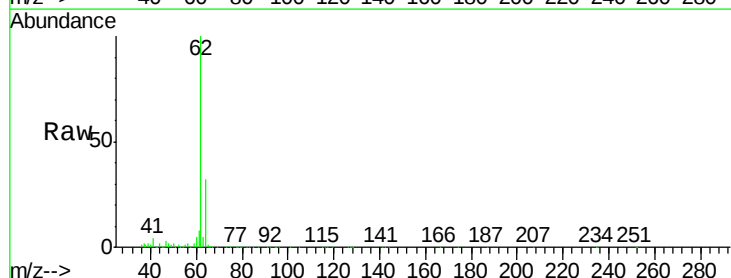
Acq: 23 Jan 2020 19:40

Tgt Ion: 62 Resp: 324158

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

200000

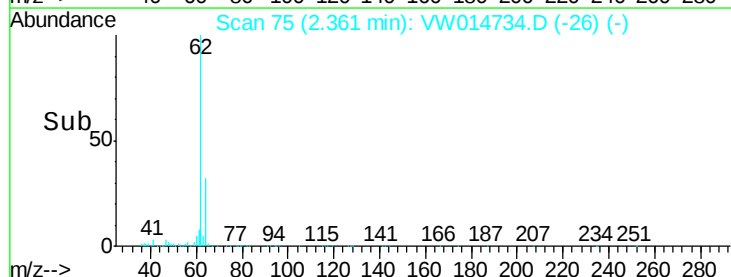
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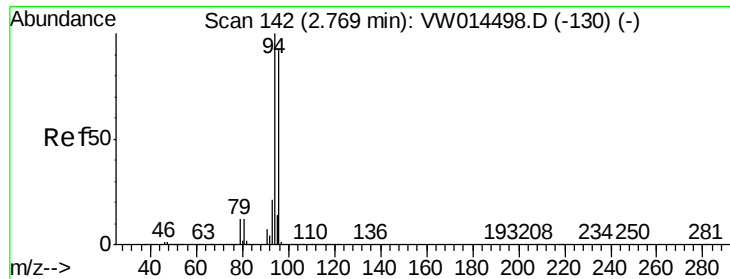
100000

50000

0

Time-->





#5

Bromomethane

Concen: 58.643 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 208793

Ion Ratio Lower Upper

94 100

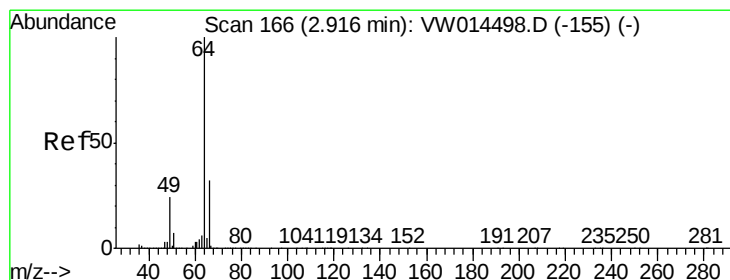
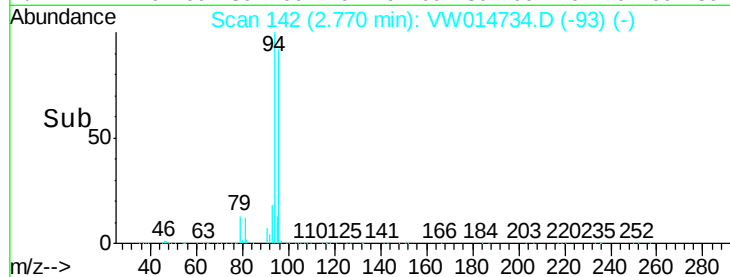
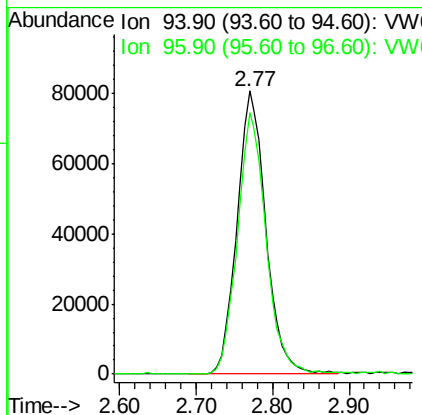
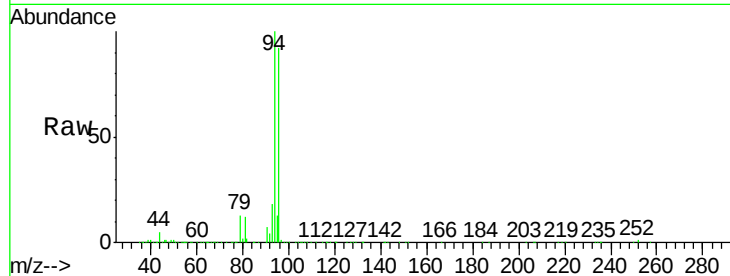
96 92.2 74.2 111.2

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#6

Chloroethane

Concen: 65.619 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW014734.D

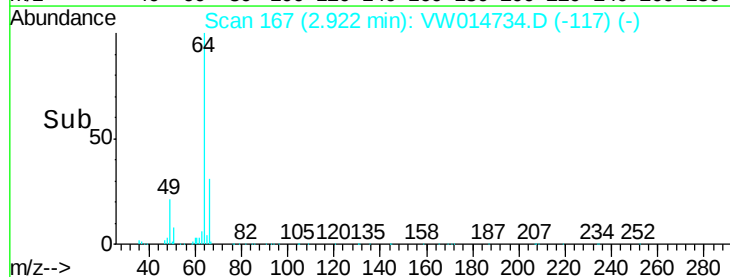
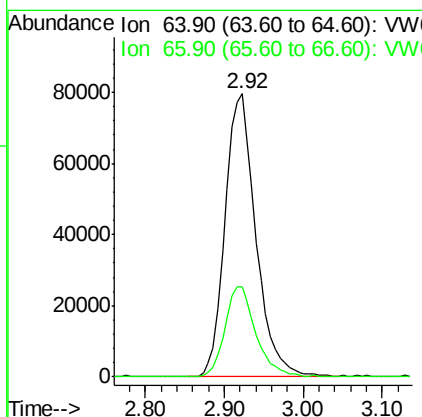
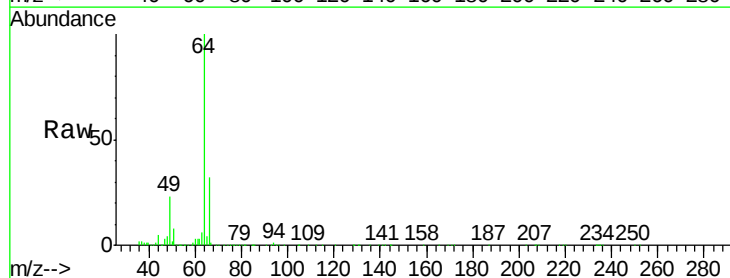
Acq: 23 Jan 2020 19:40

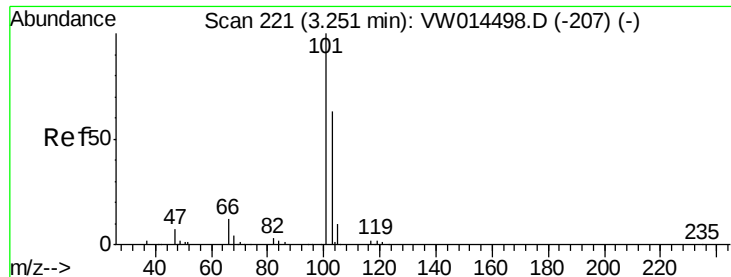
Tgt Ion: 64 Resp: 215586

Ion Ratio Lower Upper

64 100

66 31.7 25.7 38.5





#7

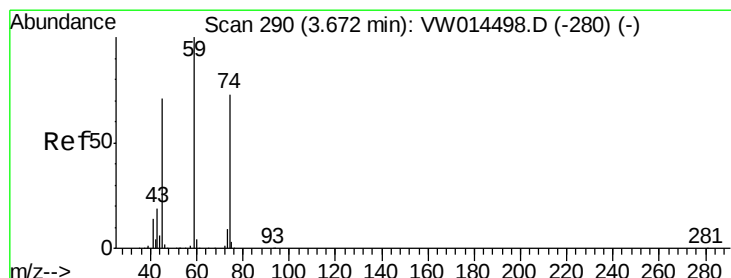
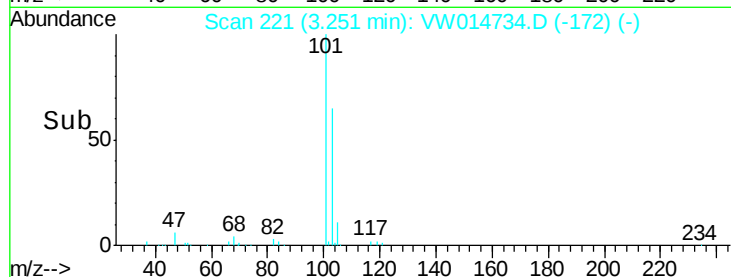
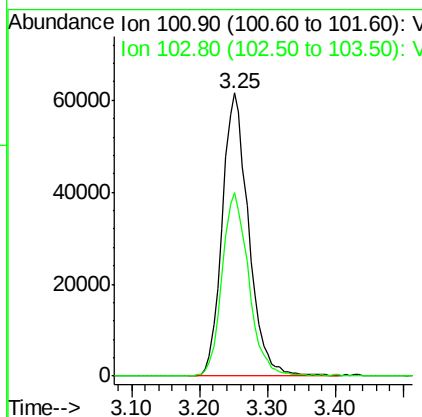
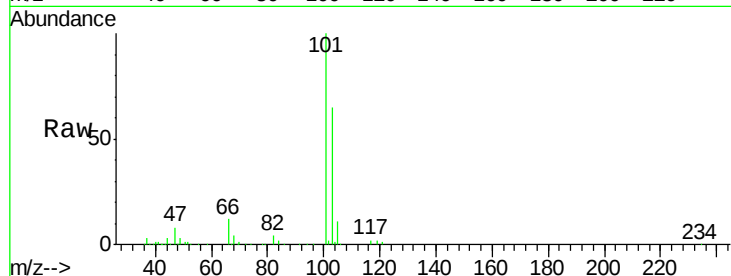
Trichlorofluoromethane
Concen: 57.587 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.1	75.1

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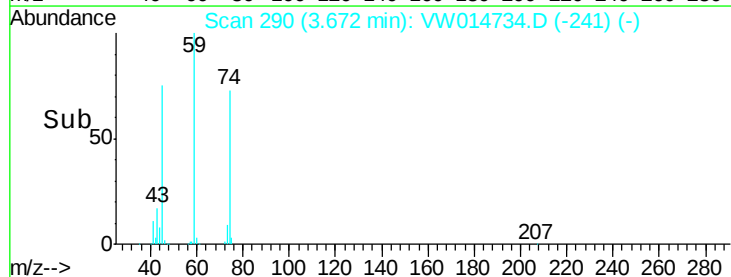
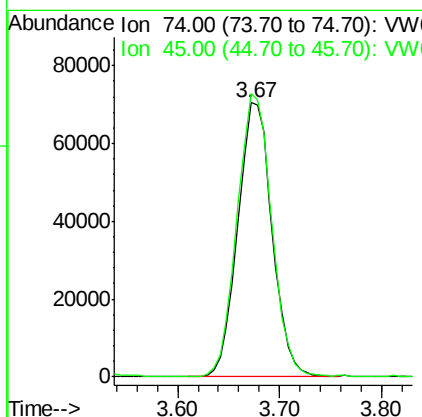
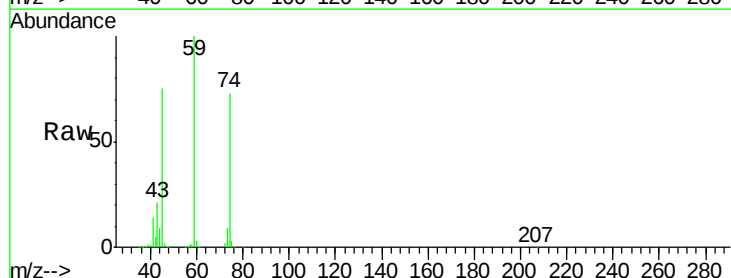
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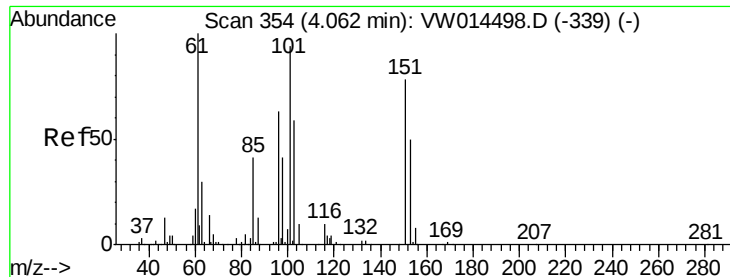


#8

Diethyl Ether
Concen: 57.332 ug/l
RT: 3.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.2	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.926 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

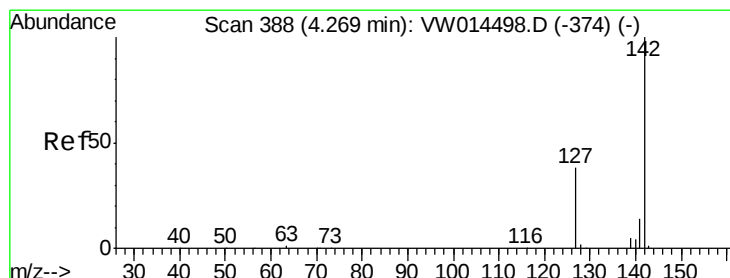
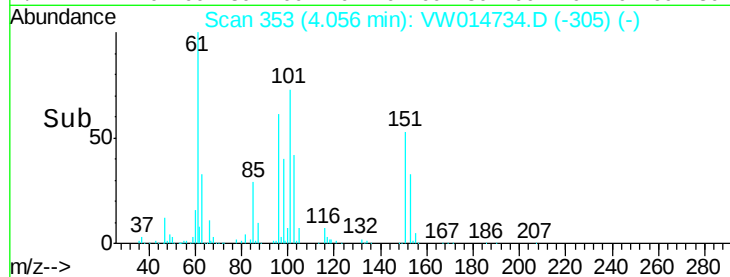
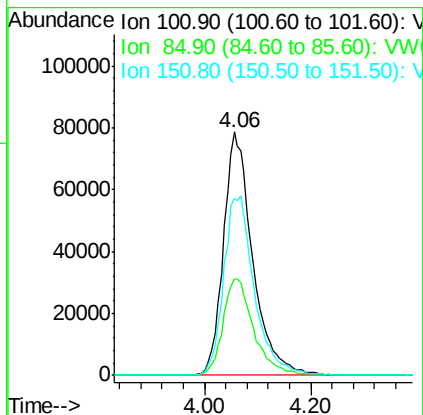
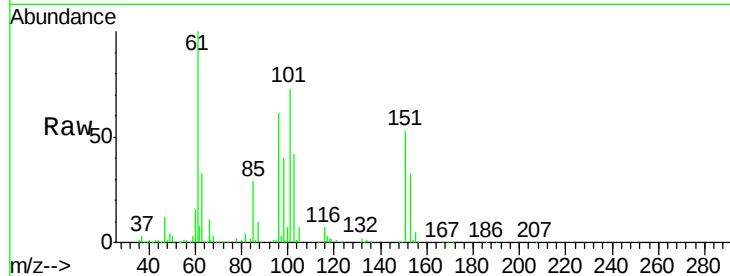
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	301332
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.7	50.5
151	77.5	63.5	95.3

Manual Integrations
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#10

Methyl Iodide

Concen: 52.066 ug/l

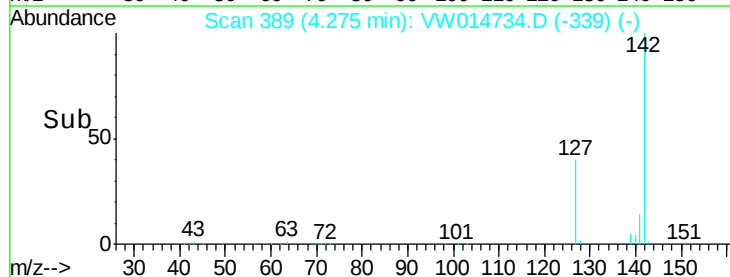
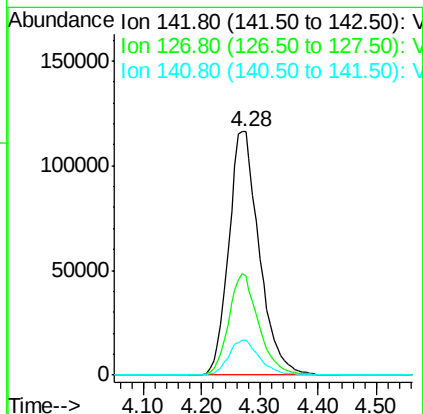
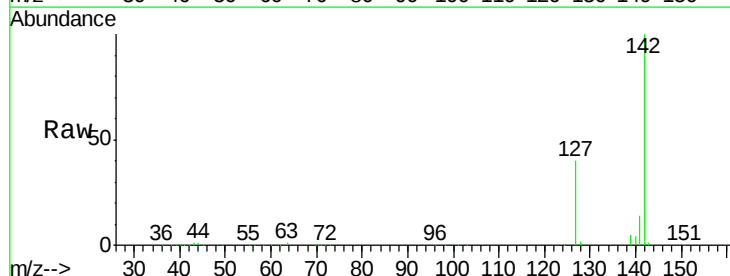
RT: 4.28 min Scan# 389

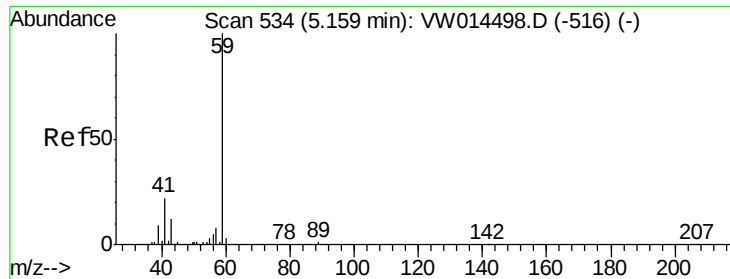
Delta R.T. 0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Tgt Ion:	142	Resp:	423277
Ion Ratio	Lower	Upper	
142	100		
127	40.7	30.2	45.4
141	14.6	11.4	17.2





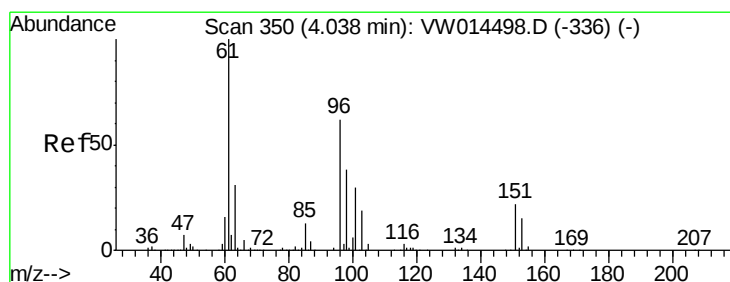
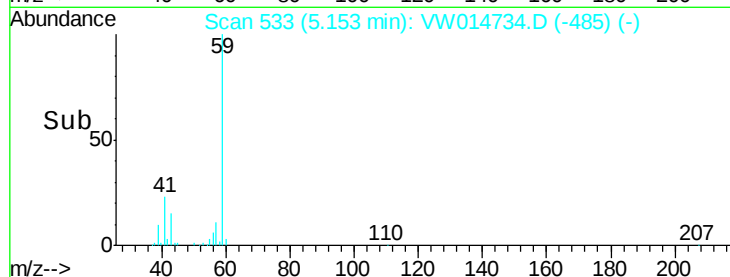
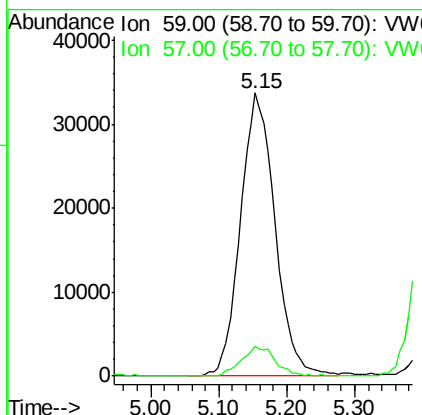
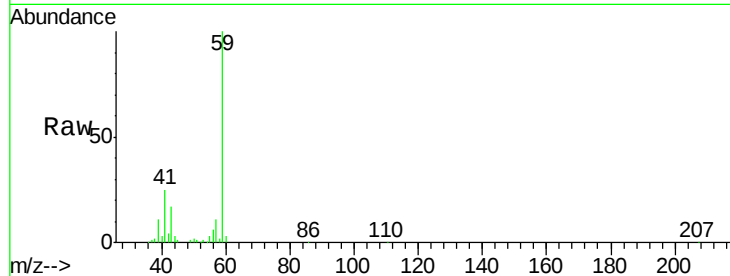
#11
Tert butyl alcohol
Concen: 318.655 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	7.8	11.8

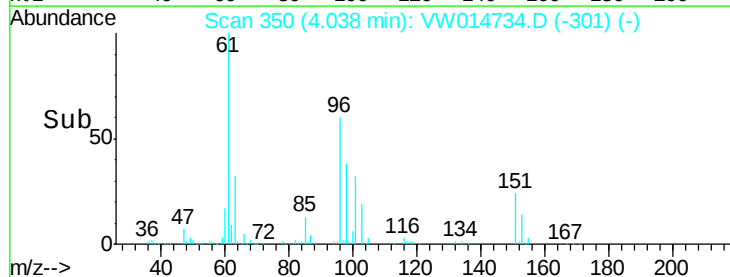
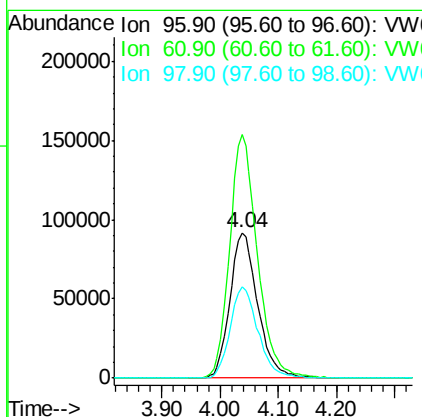
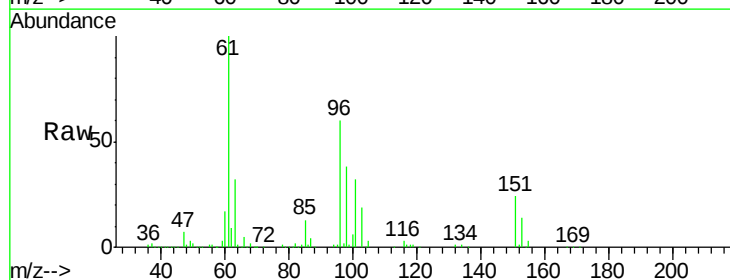
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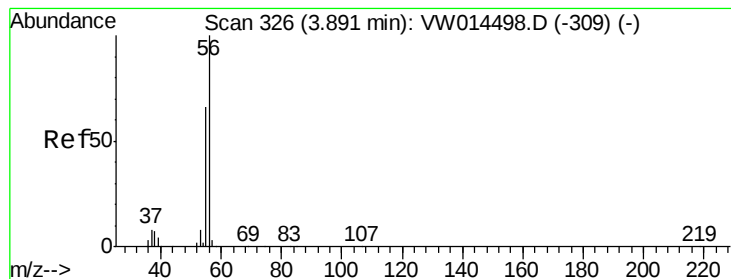
MMDadoda
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#12
1,1-Dichloroethene
Concen: 53.921 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.3	128.4	192.6
98	63.0	49.1	73.7





#13

Acrolein

Concen: 391.134 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 169235

Ion Ratio Lower Upper

56 100

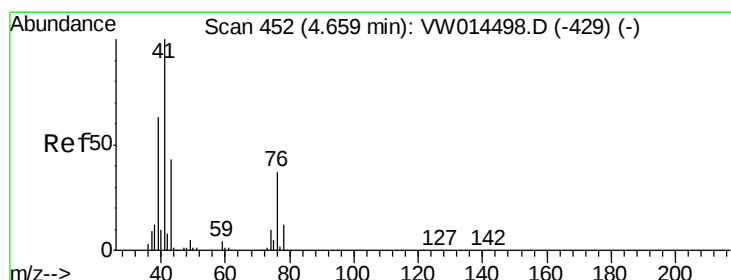
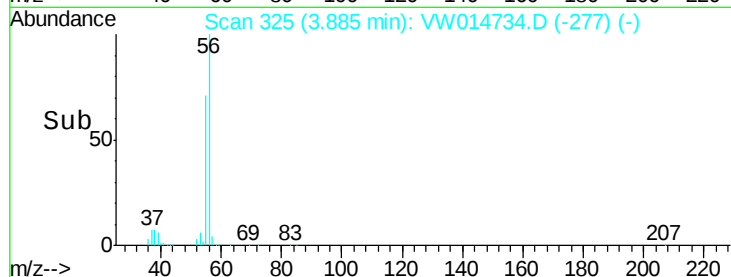
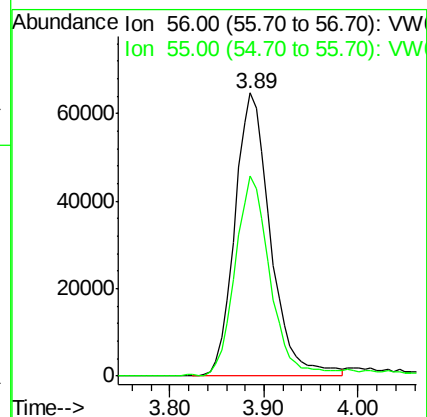
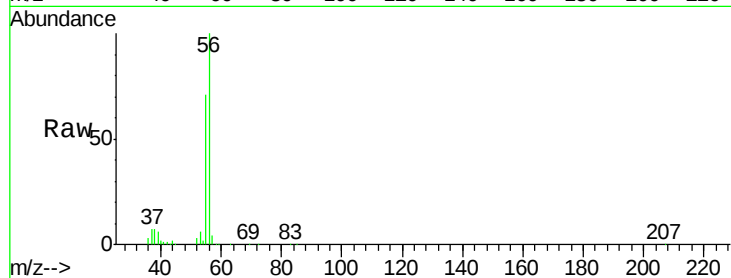
55 68.6 56.7 85.1

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#14

Allyl chloride

Concen: 58.986 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

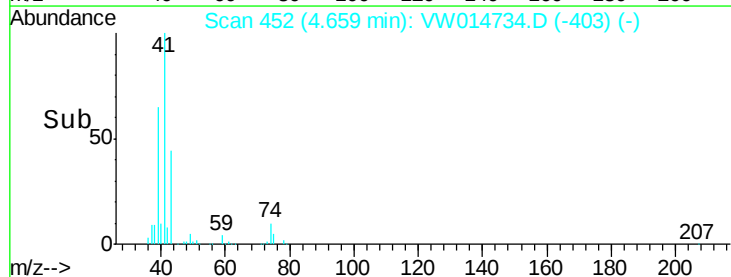
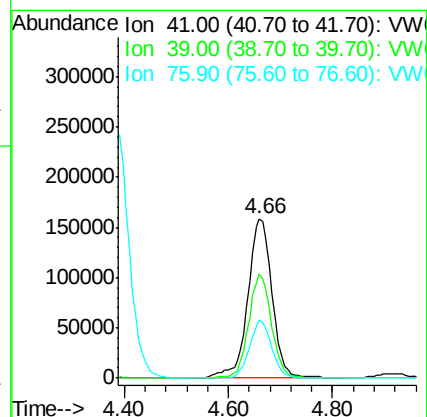
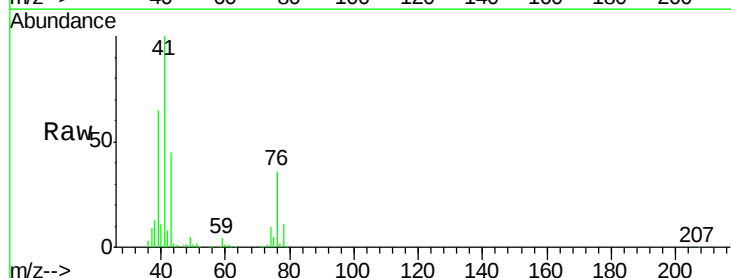
Tgt Ion: 41 Resp: 508609

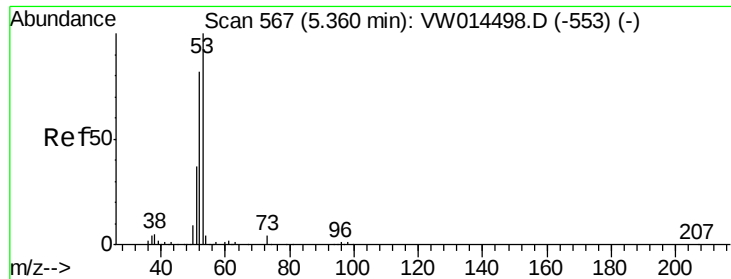
Ion Ratio Lower Upper

41 100

39 61.5 48.5 72.7

76 32.7 28.1 42.1





#15

Acrylonitrile

Concen: 326.548 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

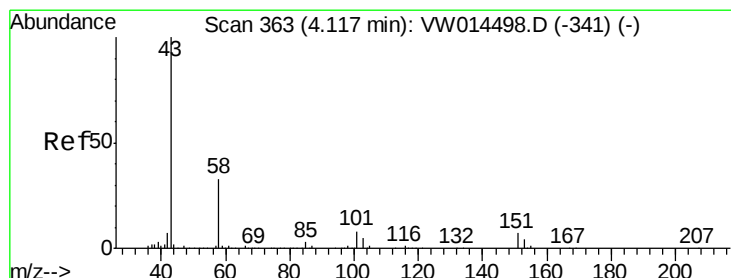
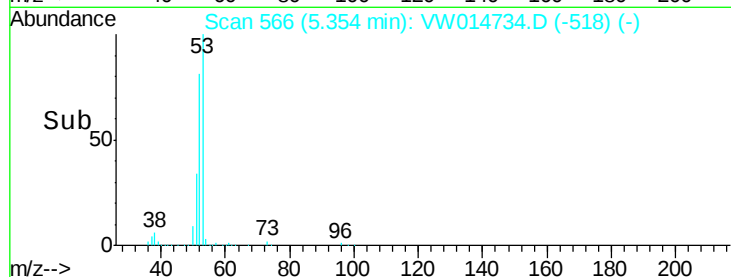
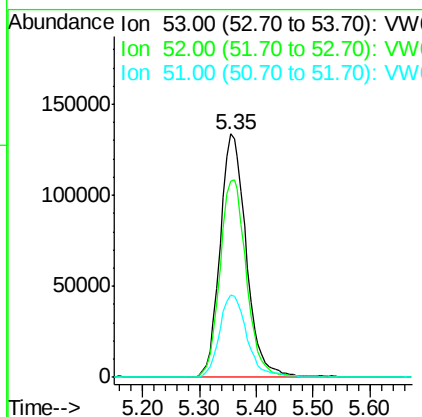
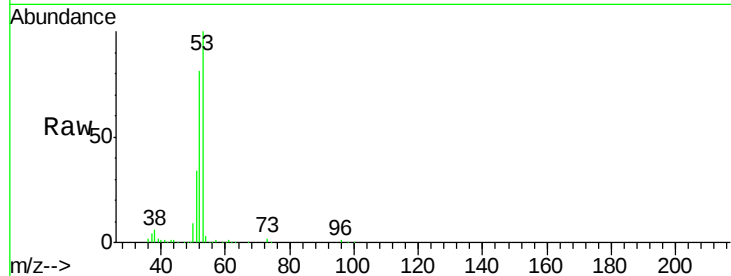
ClientSampled :

VSTDCCC050EC

Tot Ion:	53	Resp:	428264
Ion Ratio	Lower	Upper	
53	100		
52	81.5	66.5	99.7
51	35.7	28.4	42.6

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#16

Acetone

Concen: 269.338 ug/l

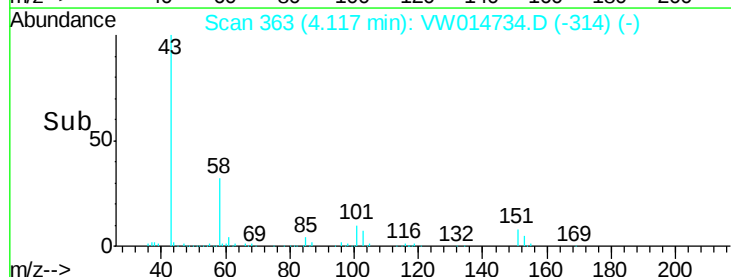
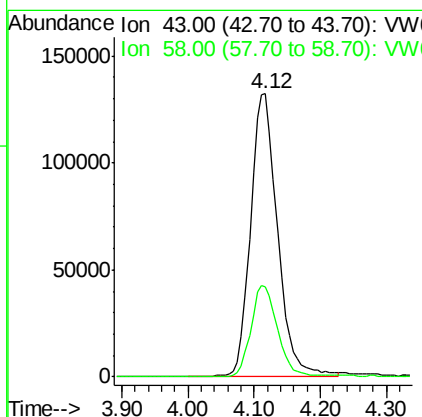
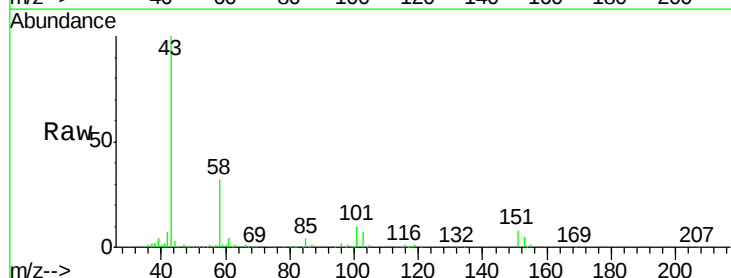
RT: 4.12 min Scan# 363

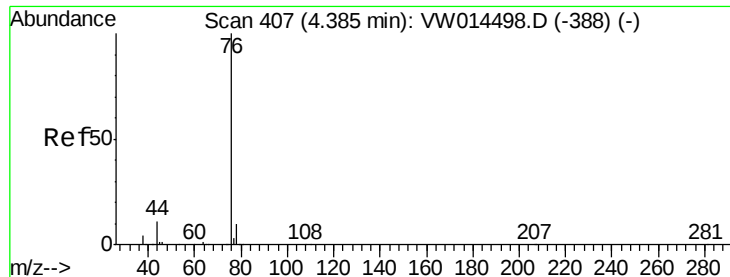
Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Tgt Ion:	43	Resp:	377014
Ion Ratio	Lower	Upper	
43	100		
58	31.7	26.6	39.8





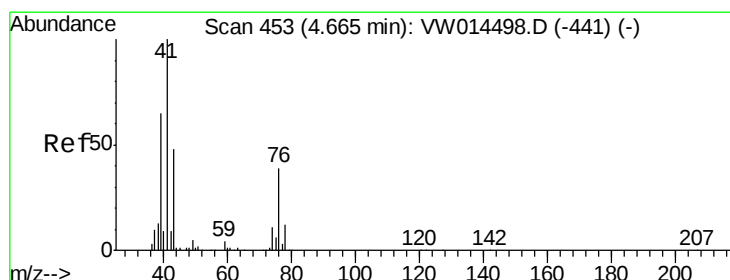
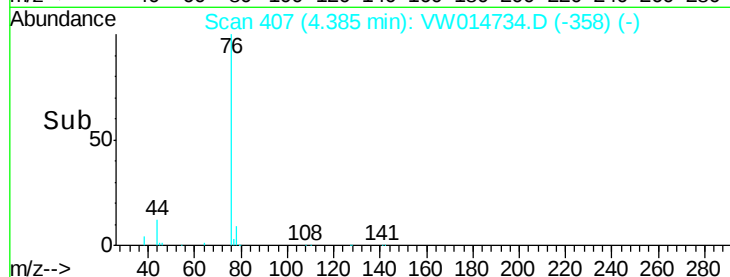
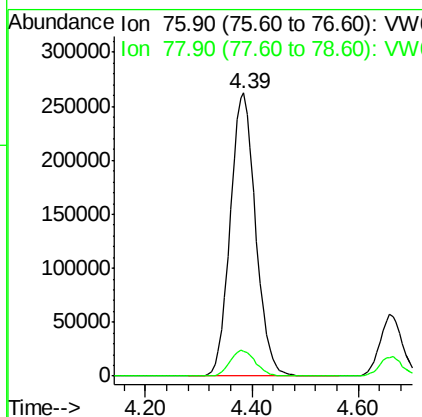
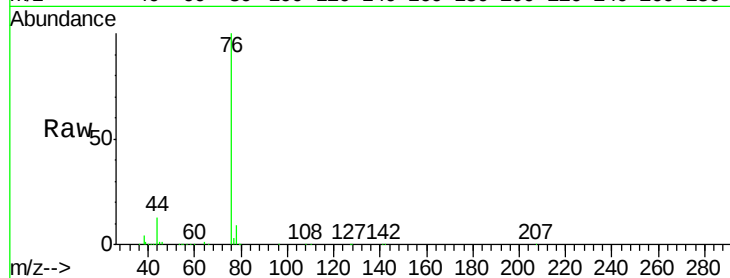
#17
Carbon Disulfide
Concen: 51.341 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.8	11.6

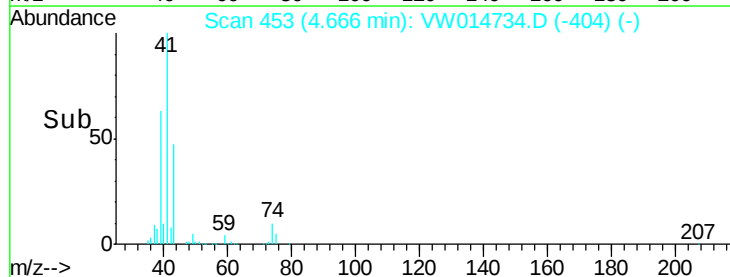
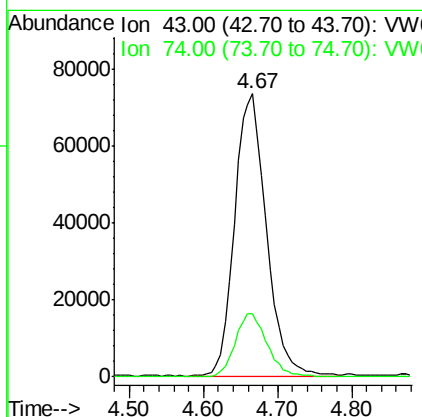
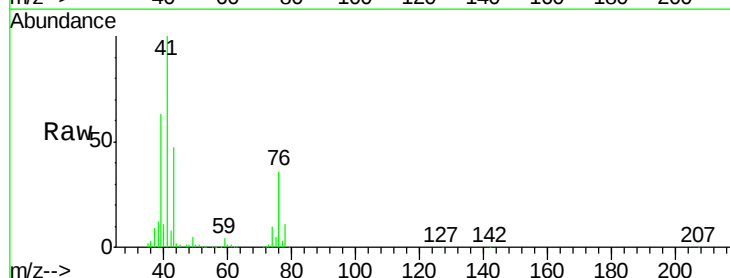
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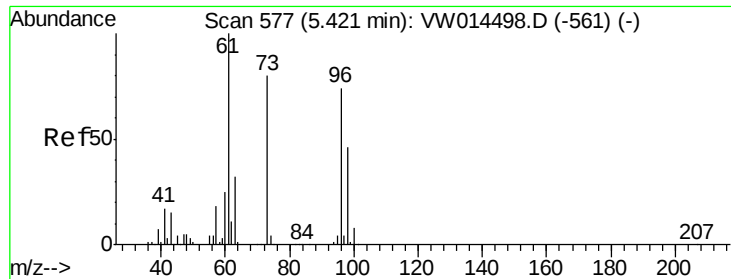
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#18
Methyl Acetate
Concen: 64.696 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	19.3	28.9





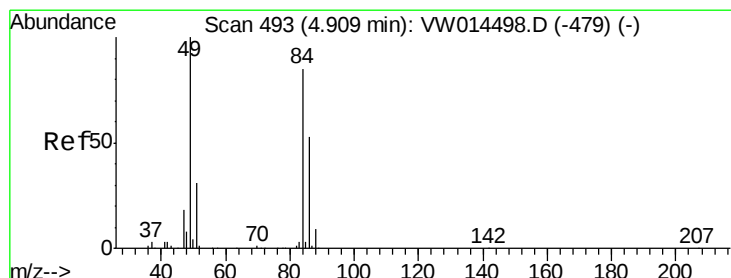
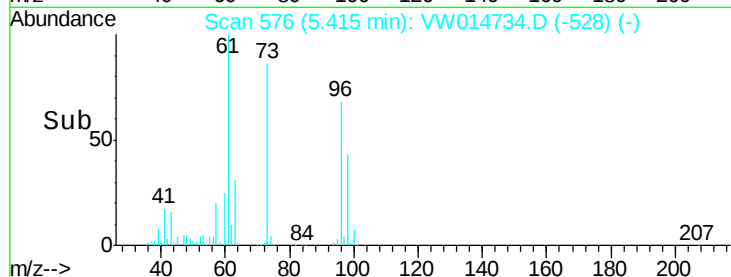
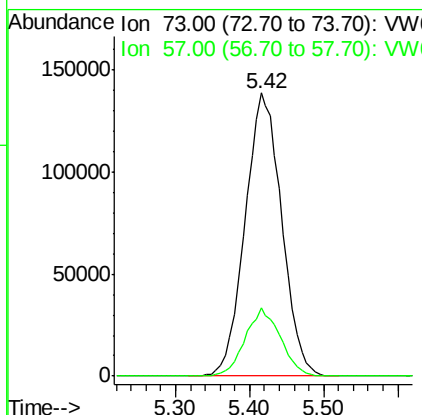
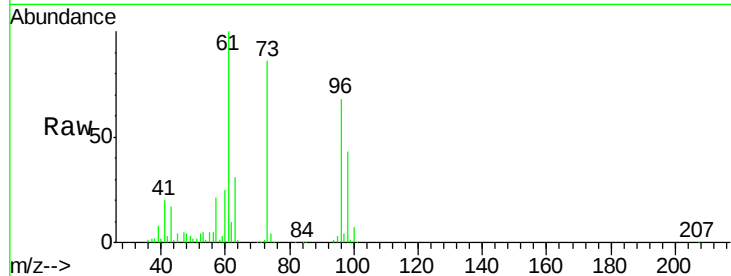
#19
Methvl tert-butvl Ether
Concen: 68.095 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 476946
Ion Ratio Lower Upper
73 100
57 23.9 18.1 27.1

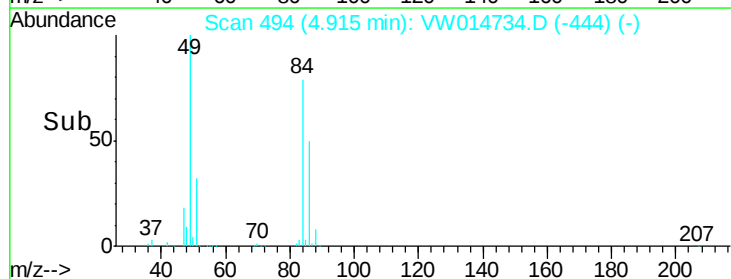
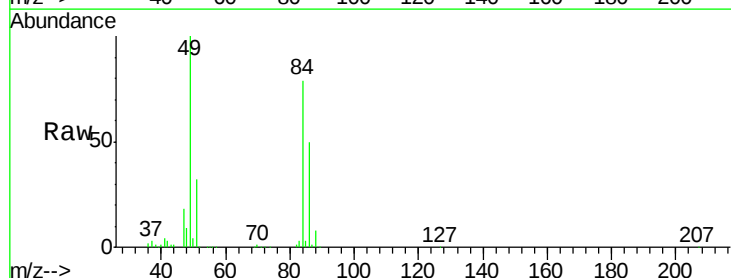
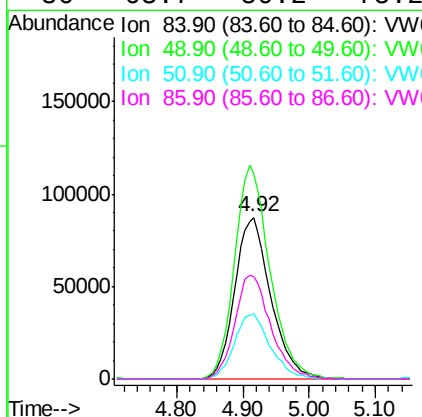
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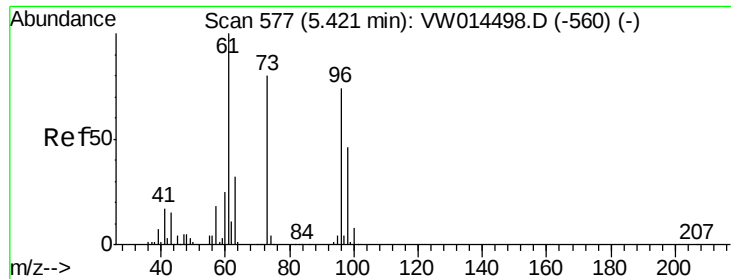
MMDadoda
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#20
Methylene Chloride
Concen: 59.258 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion: 84 Resp: 330764
Ion Ratio Lower Upper
84 100
49 127.0 94.4 141.6
51 40.3 29.5 44.3
86 63.7 50.2 75.2





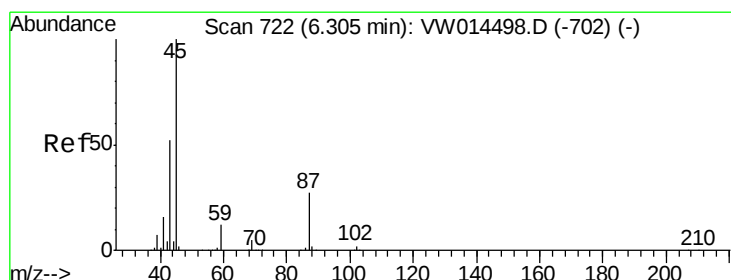
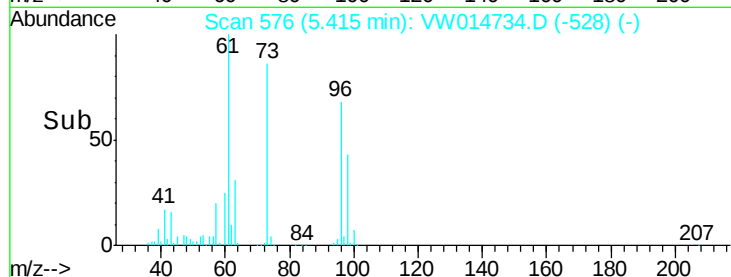
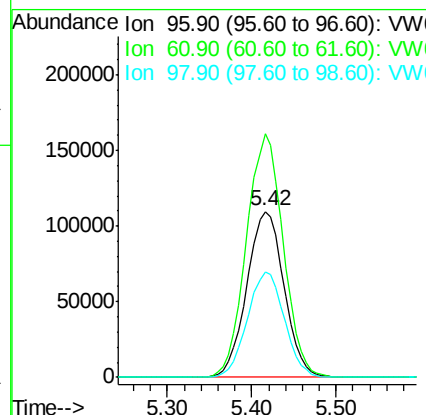
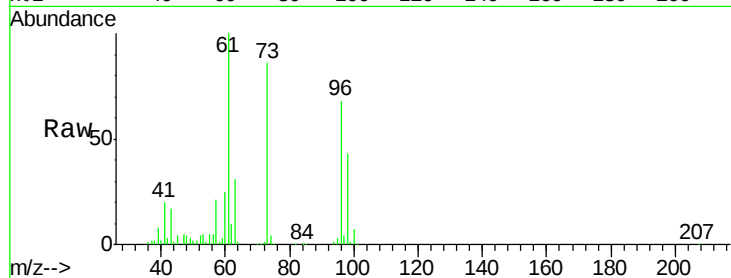
#21
trans-1,2-Dichloroethene
Concen: 54.869 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.8	107.8	161.6
98	63.9	49.4	74.0

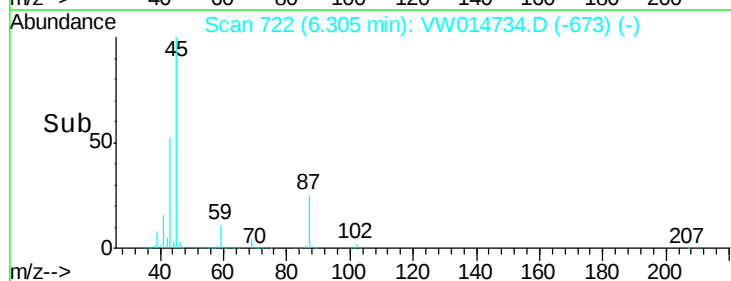
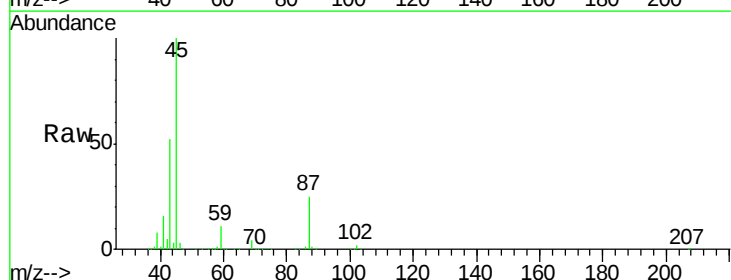
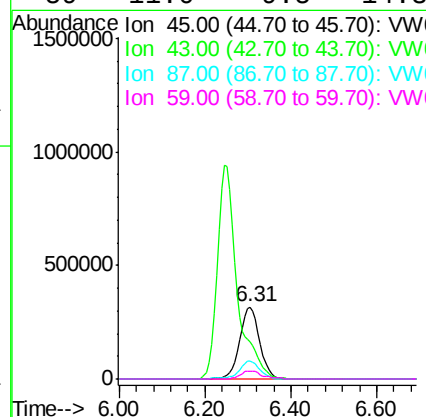
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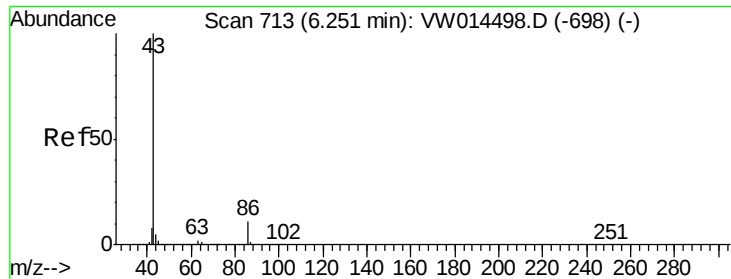
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#22
Diisopropyl ether
Concen: 63.457 ug/l
RT: 6.31 min Scan# 722
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.3	41.4	62.0
87	25.3	22.2	33.2
59	11.0	9.5	14.3





#23

Vinyl Acetate

Concen: 315.455 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3074350

Ion Ratio Lower Upper

43 100

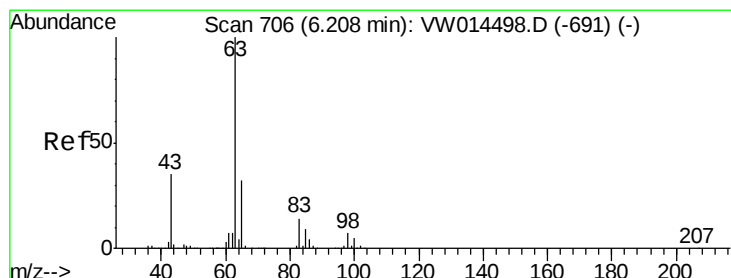
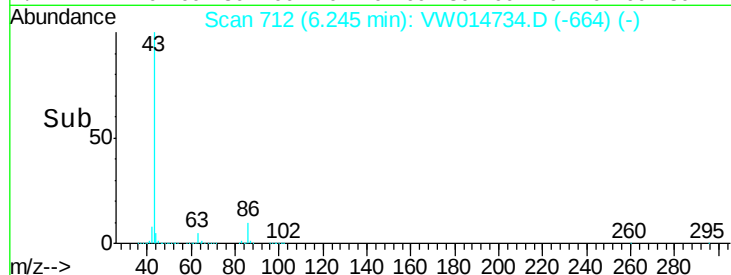
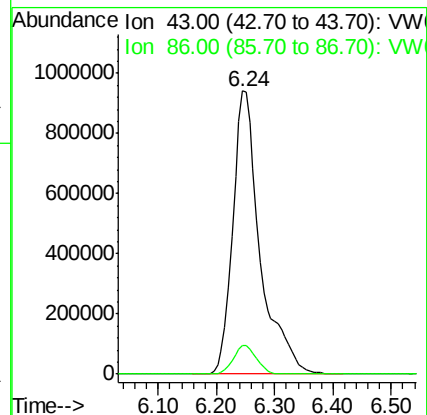
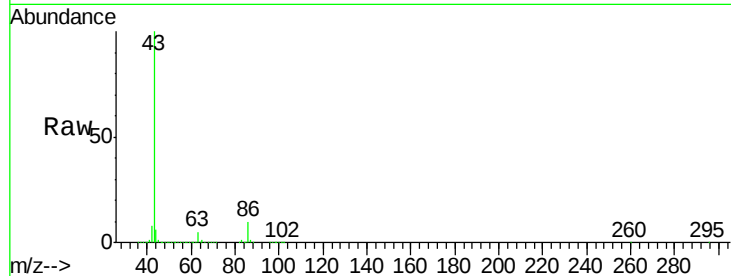
86 10.2 8.8 13.2

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#24

1,1-Dichloroethane

Concen: 58.747 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

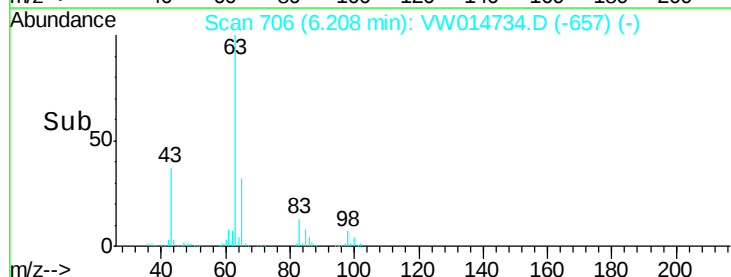
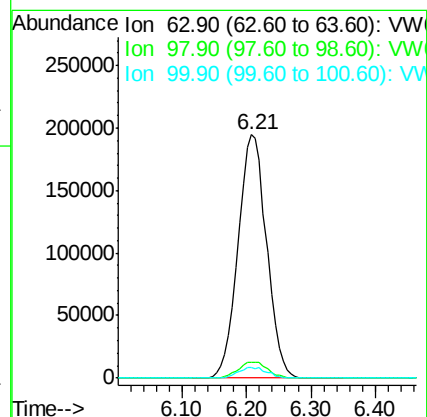
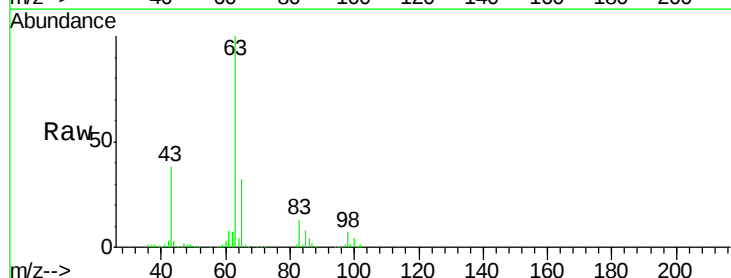
Tgt Ion: 63 Resp: 598068

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.3 2.5 7.4





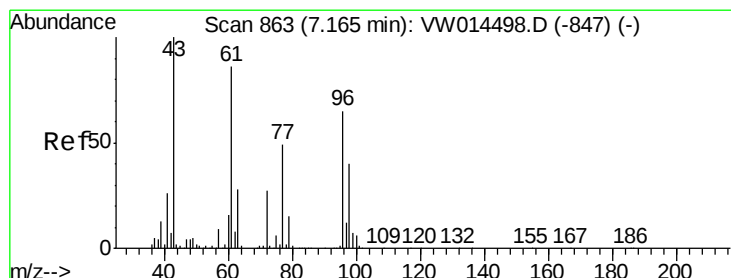
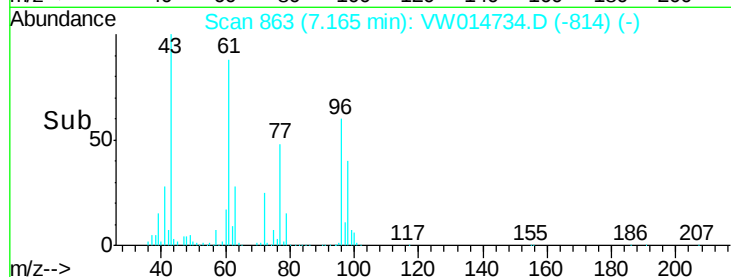
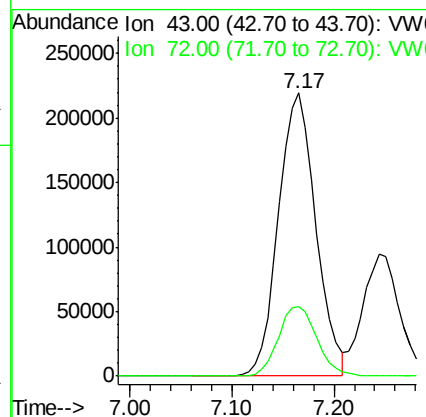
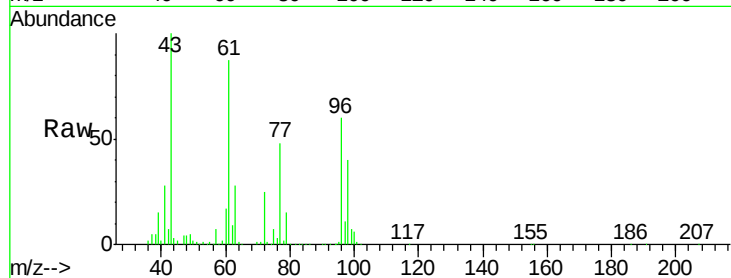
#25
2-Butanone
Concen: 309.524 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 556021
Ion Ratio Lower Upper
43 100
72 24.6 21.9 32.9

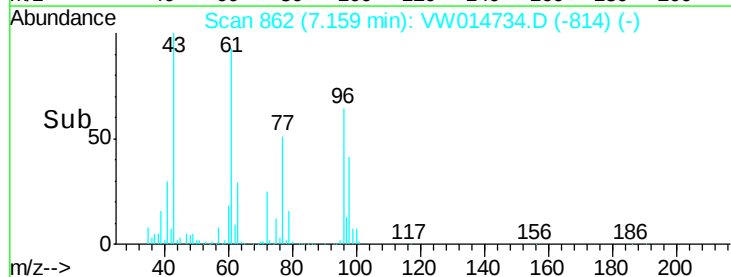
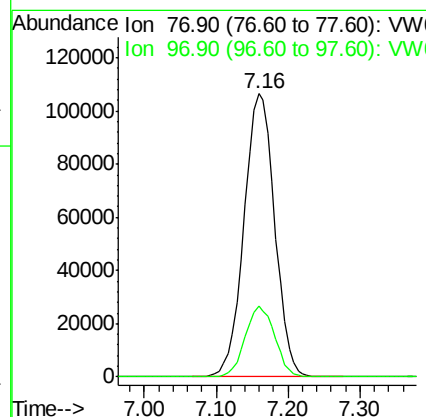
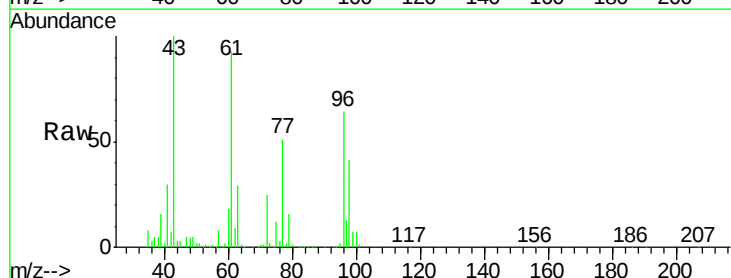
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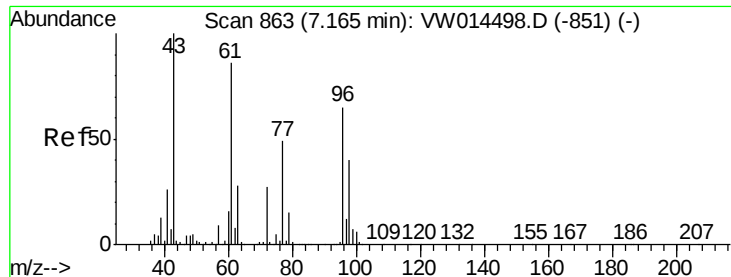
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#26
2,2-Dichloropropane
Concen: 55.730 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion: 77 Resp: 314115
Ion Ratio Lower Upper
77 100
97 24.1 12.5 37.5





#27

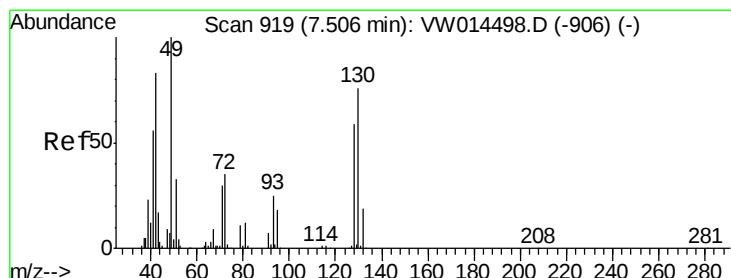
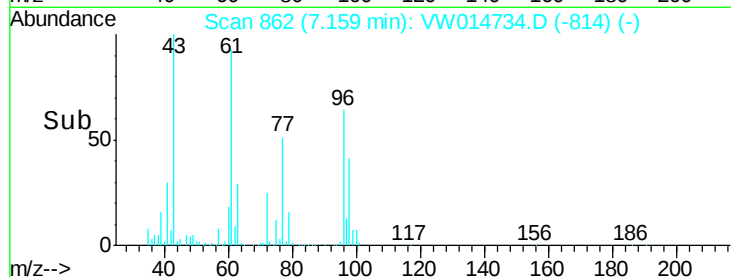
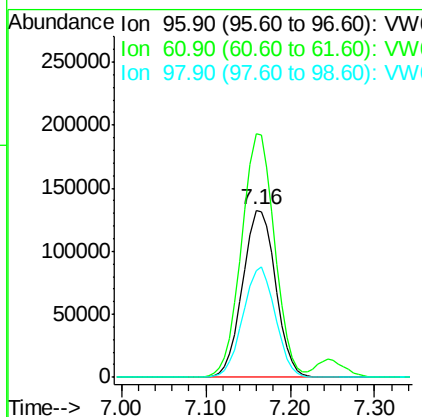
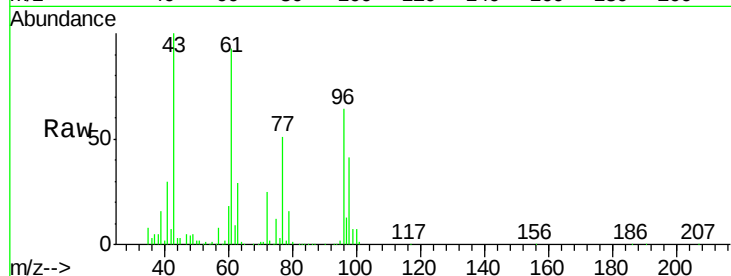
cis-1,2-Dichloroethene
Concen: 55.912 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	351985		
61	146.3		0.0	274.8
98	64.7		0.0	128.6

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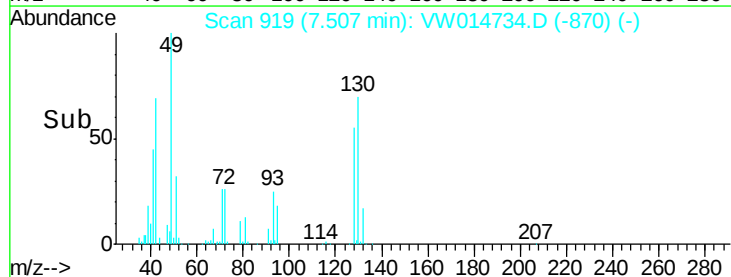
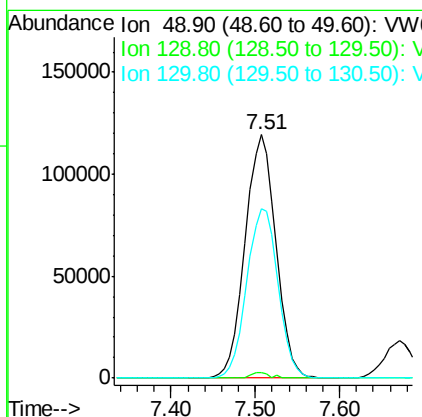
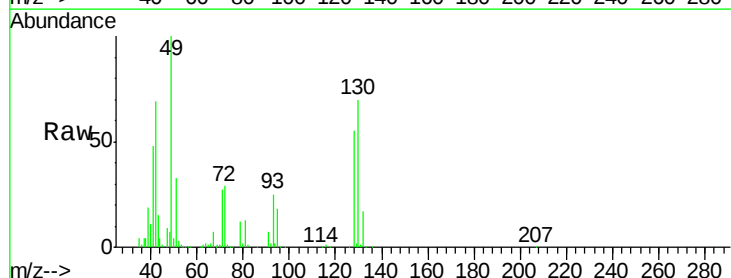
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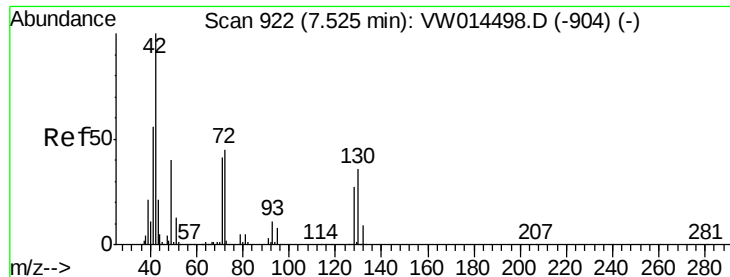


#28

Bromochloromethane
Concen: 74.034 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	295485		
129	1.2		0.0	2.0
130	71.0		62.5	93.7





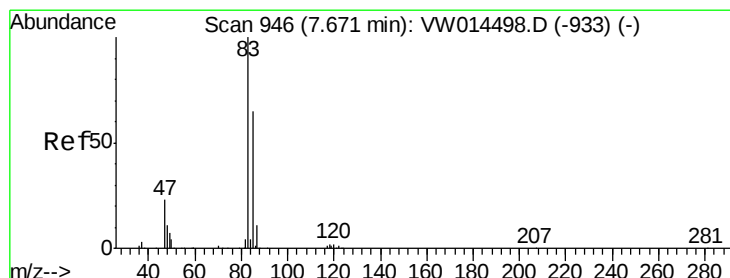
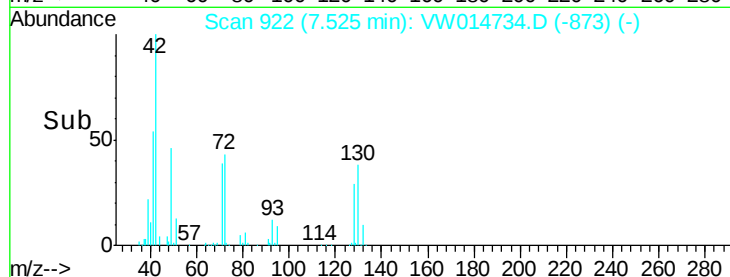
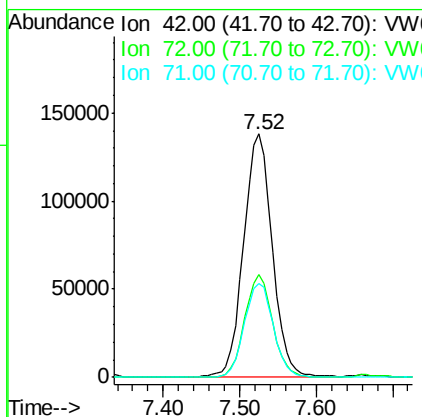
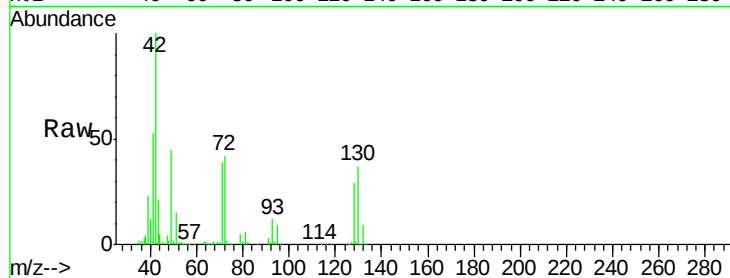
#29
Tetrahydrofuran
Concen: 324.406 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	34.5	51.7
71	38.9	32.0	48.0

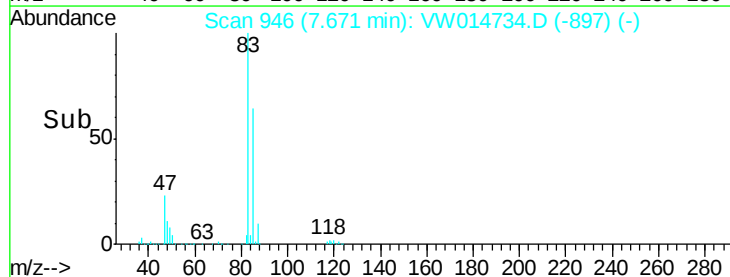
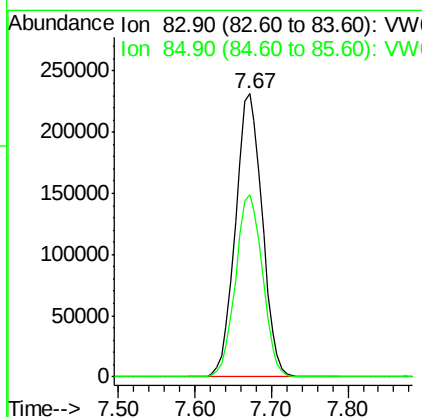
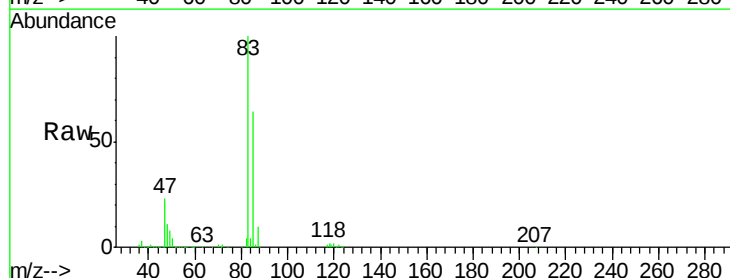
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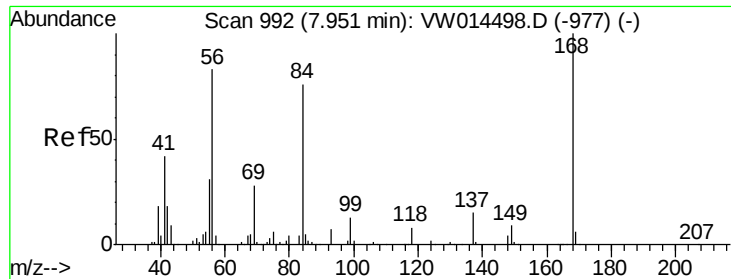
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#30
Chloroform
Concen: 58.998 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.2





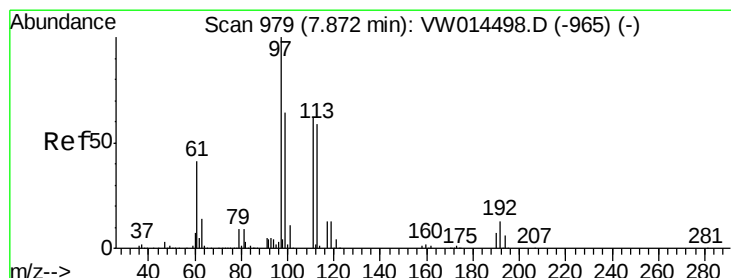
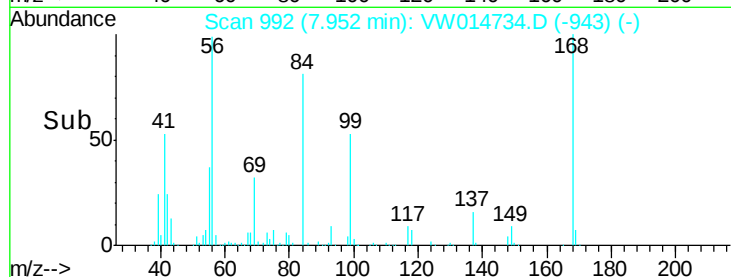
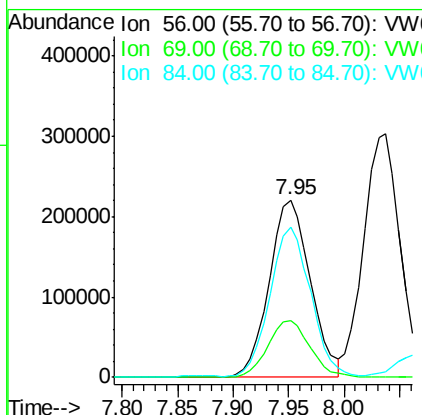
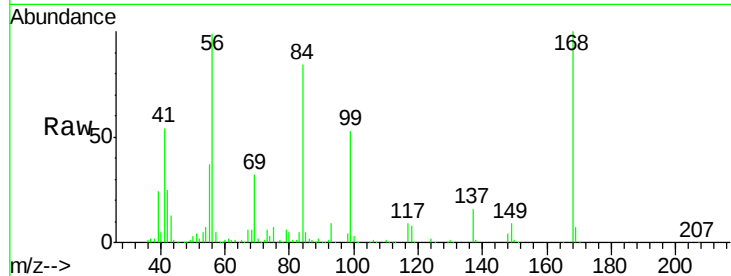
#31
Cyclohexane
Concen: 53.631 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	26.8	40.2
84	83.4	71.8	107.6

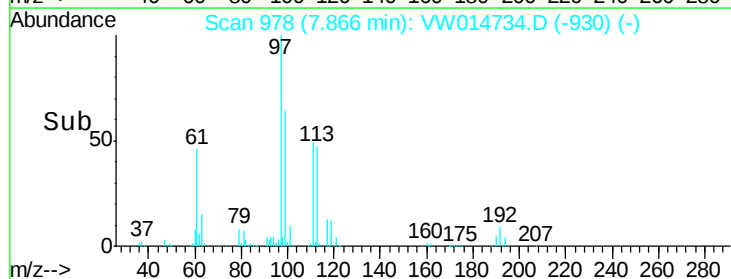
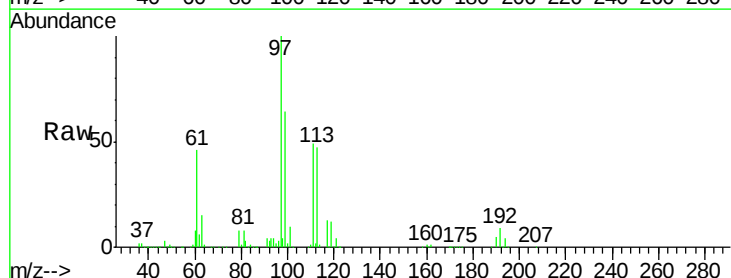
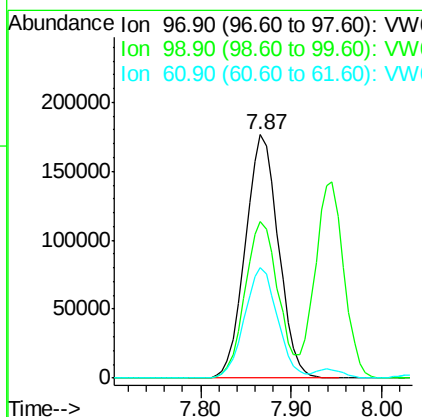
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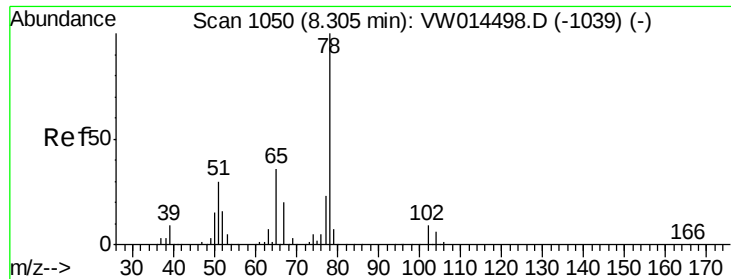
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#32
1,1,1-Trichloroethane
Concen: 58.123 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.8	77.6
61	45.2	33.8	50.8





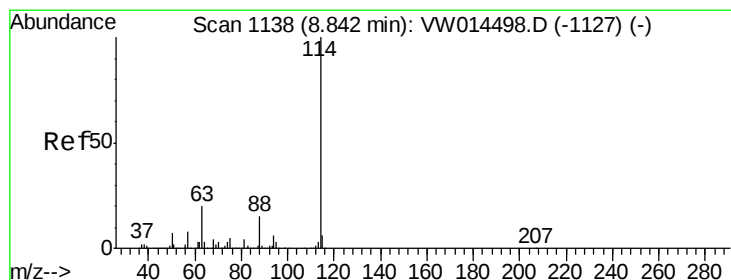
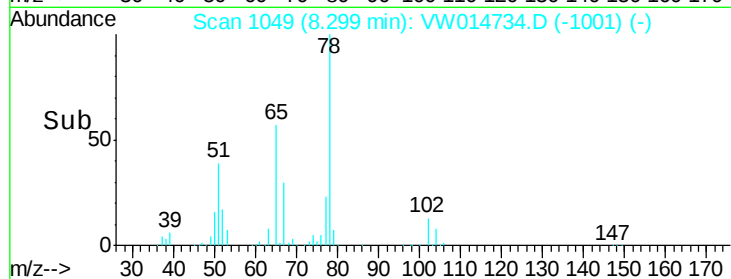
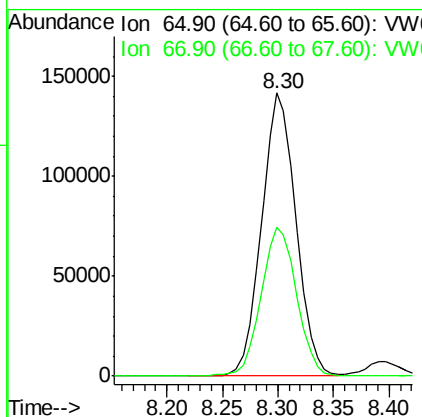
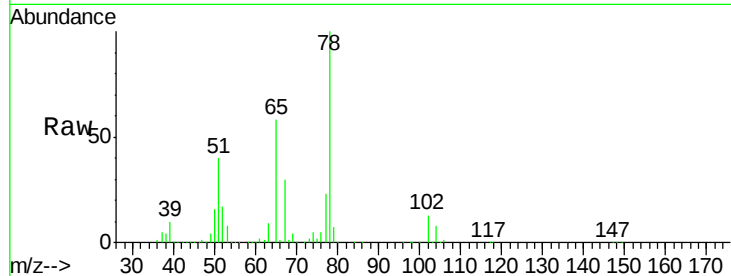
#33
 1,2-Dichloroethane-d4
 Concen: 61.357 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	304168		
67	54.5	0.0	108.4	

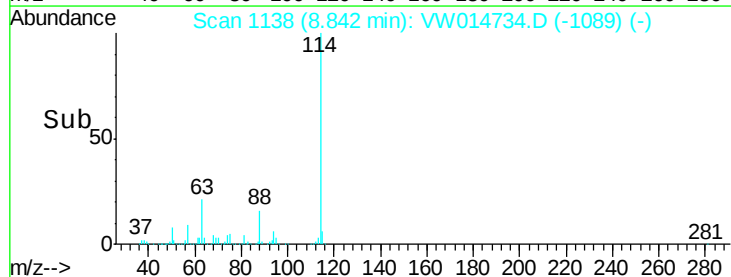
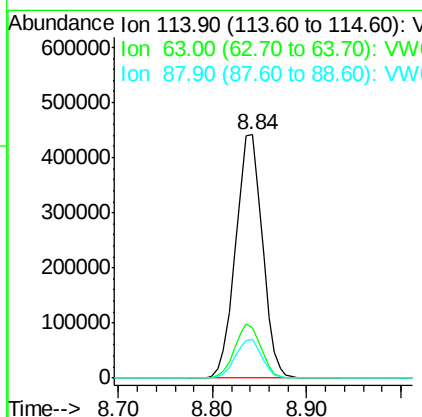
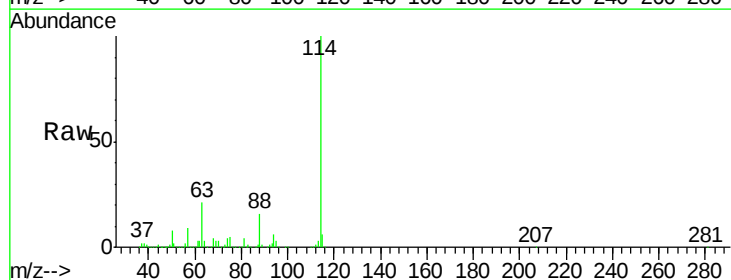
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	875551		
63	20.9	0.0	40.4	
88	15.8	0.0	30.6	





#35

Dibromofluoromethane

Concen: 56.017 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

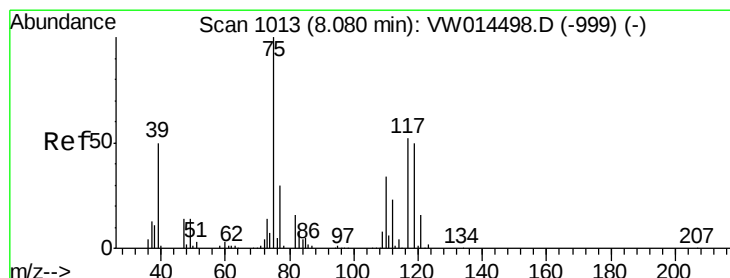
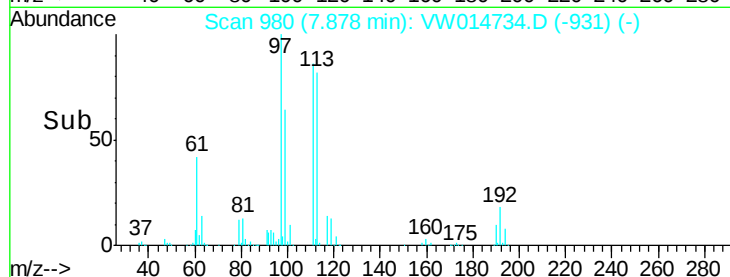
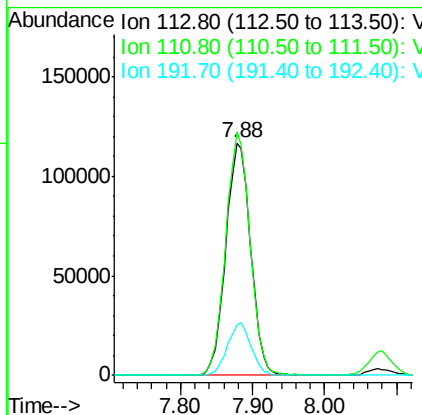
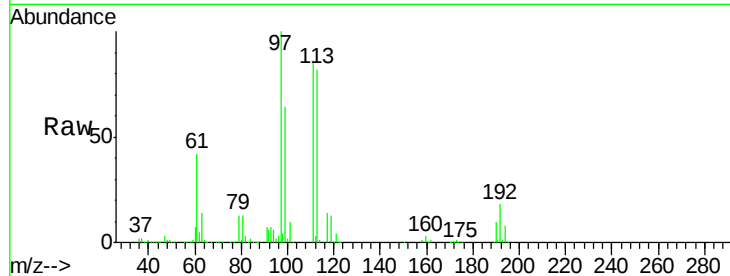
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	280303
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.4	122.2
192	21.7	17.8	26.8

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#36

1,1-Dichloropropene

Concen: 55.023 ug/l

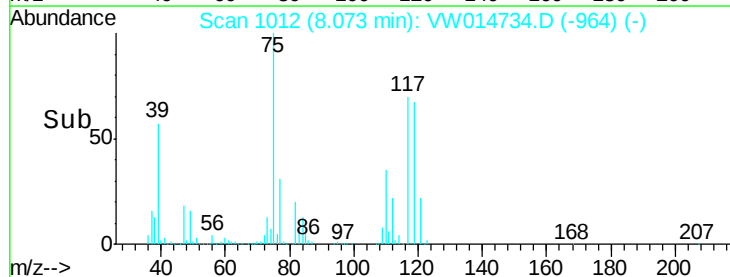
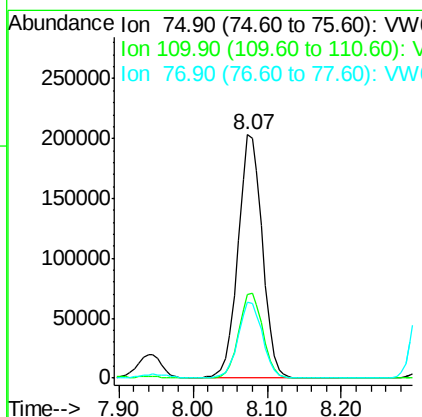
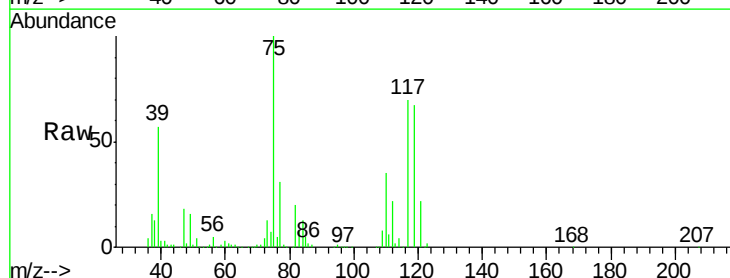
RT: 8.07 min Scan# 1012

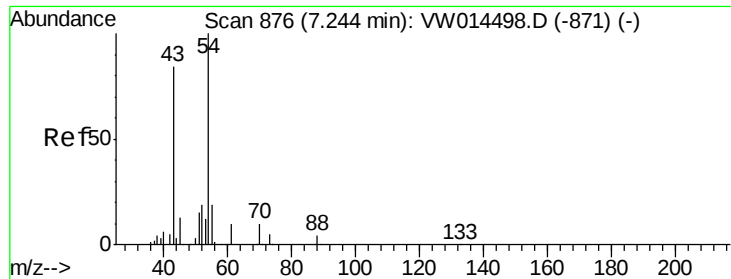
Delta R.T. -0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Tgt Ion:	75	Resp:	464432
Ion Ratio	Lower	Upper	
75	100		
110	34.6	17.8	53.5
77	31.2	24.7	37.1





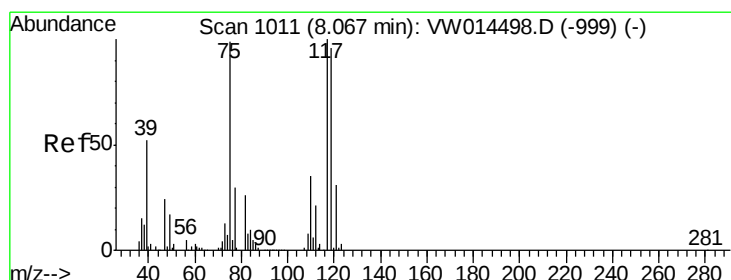
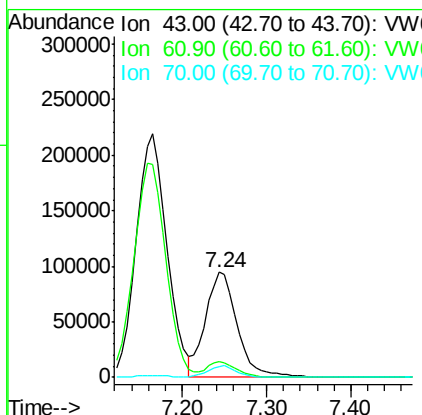
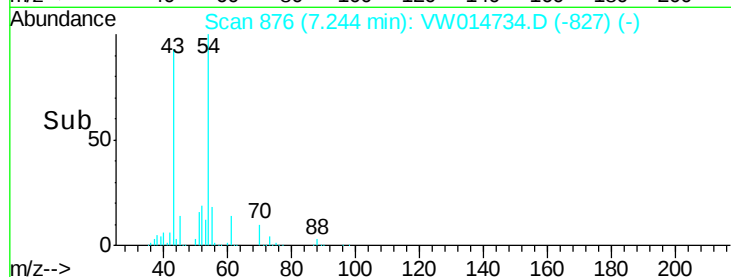
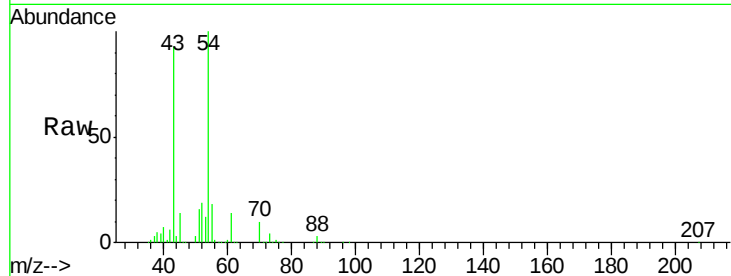
#37
Ethyl Acetate
Concen: 64.151 ug/l
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.7	17.5
70	9.9	9.0	13.6

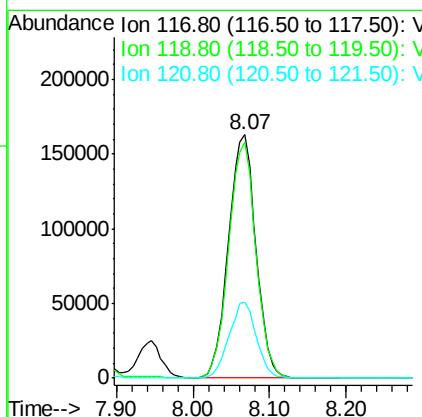
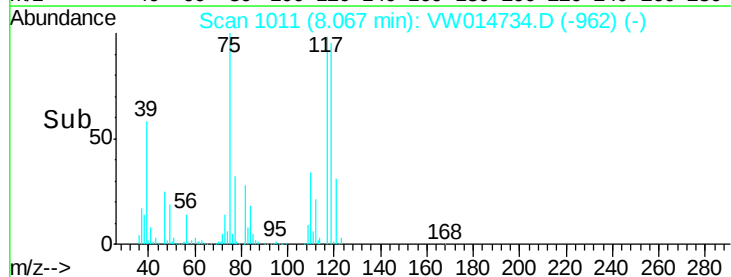
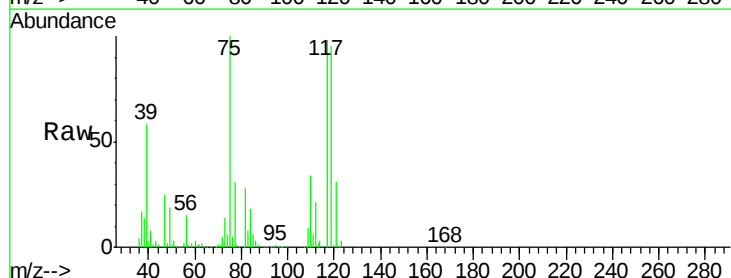
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#38
Carbon Tetrachloride
Concen: 55.175 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.0	115.6
121	31.3	24.6	36.8





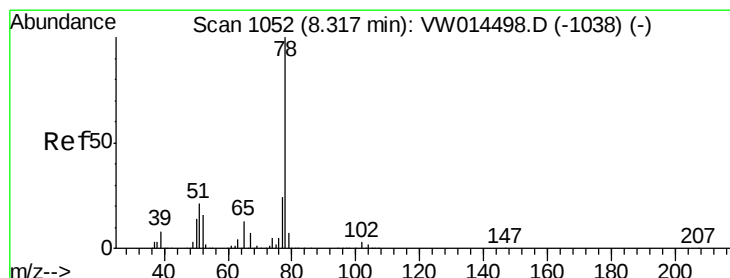
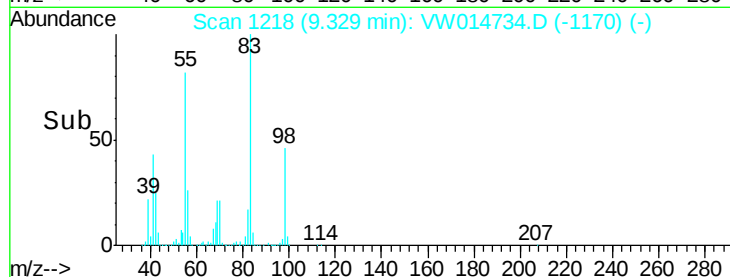
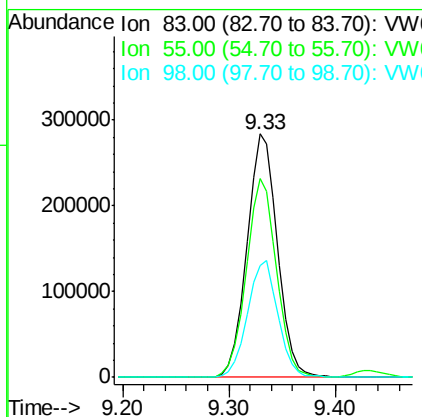
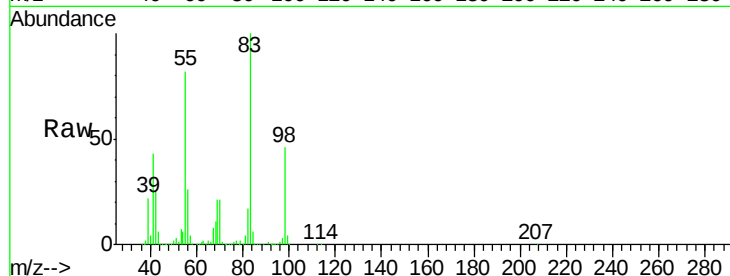
#39
Methvlcvclohexane
Concen: 52.641 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.7	60.1	90.1
98	46.1	38.8	58.2

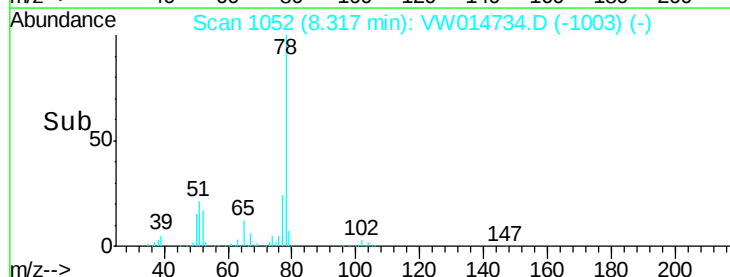
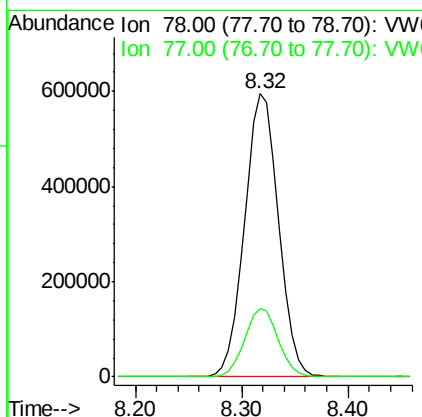
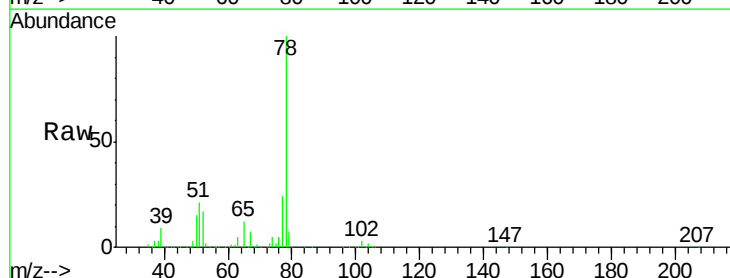
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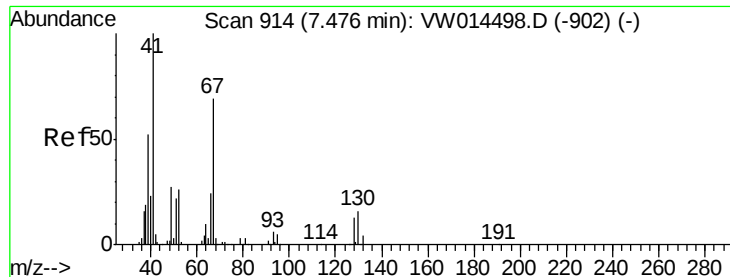
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#40
Benzene
Concen: 55.786 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9





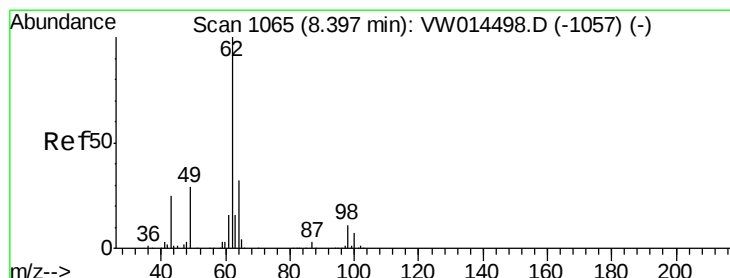
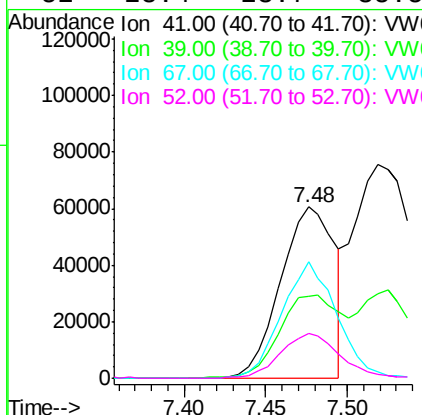
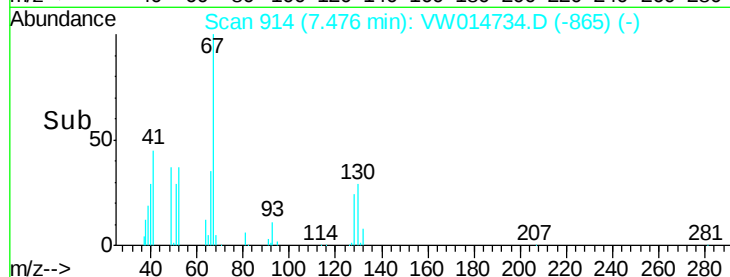
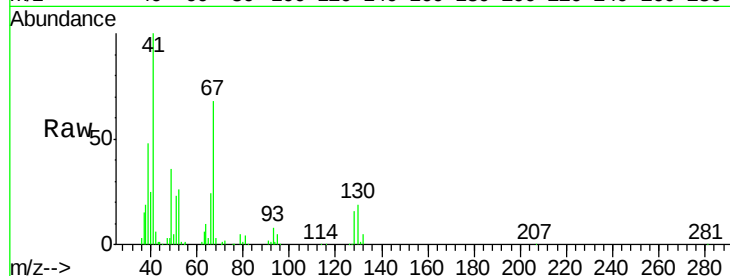
#41
Methacrylonitrile
Concen: 65.015 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		138737		
39	56.3	46.0	69.0		
67	70.5	60.8	91.2		
52	28.4	23.7	35.5		

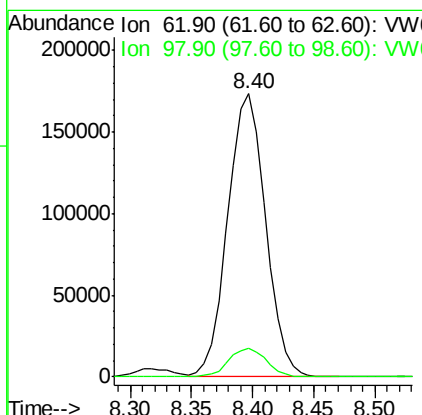
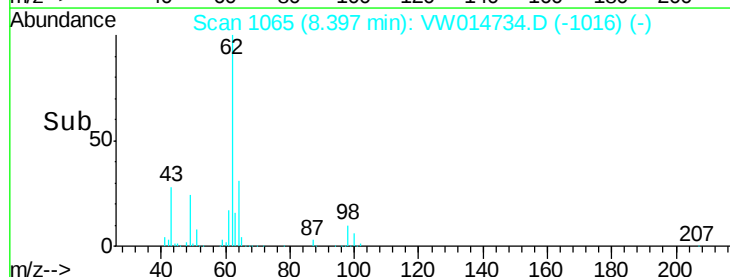
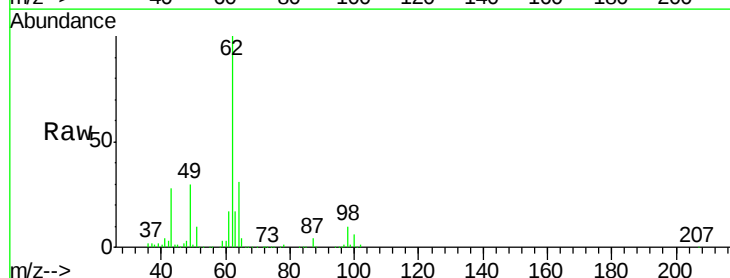
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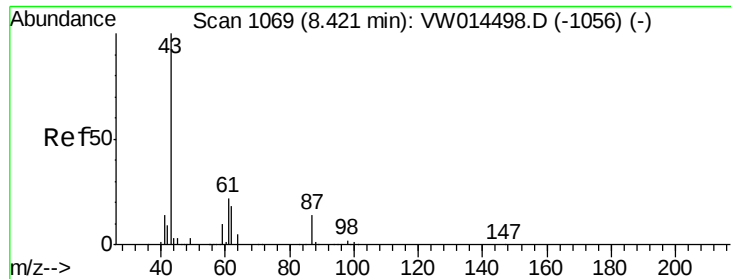
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#42
1,2-Dichloroethane
Concen: 60.020 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		371973		
98	10.0	0.0	22.0		





#43

Isopropyl Acetate

Concen: 62.428 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

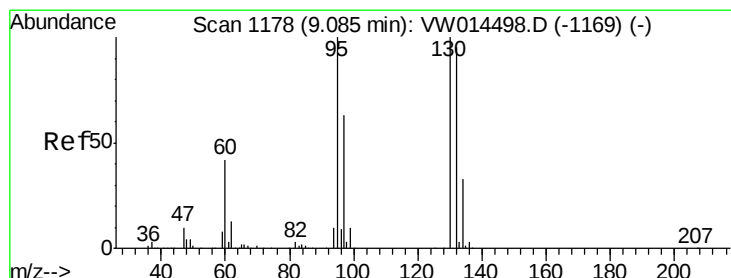
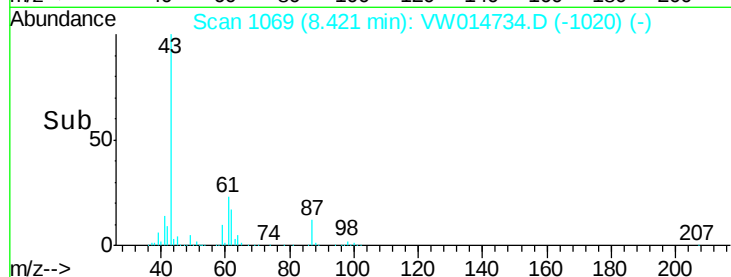
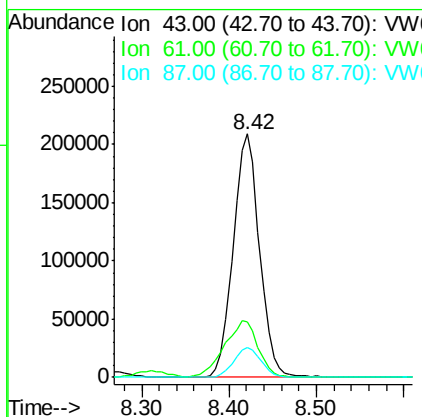
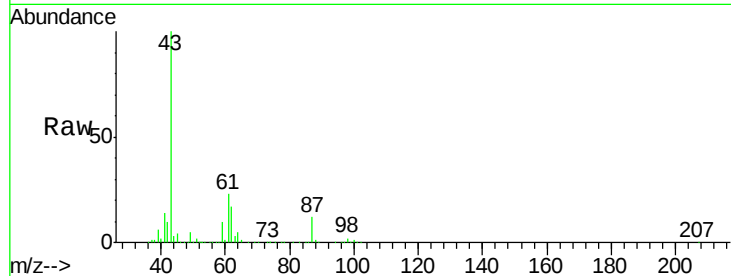
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	433968
Ion	Ratio	Lower	Upper
43	100		
61	29.9	24.7	37.1
87	12.7	11.1	16.7

Manual Integrations
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#44

Trichloroethene

Concen: 52.807 ug/l

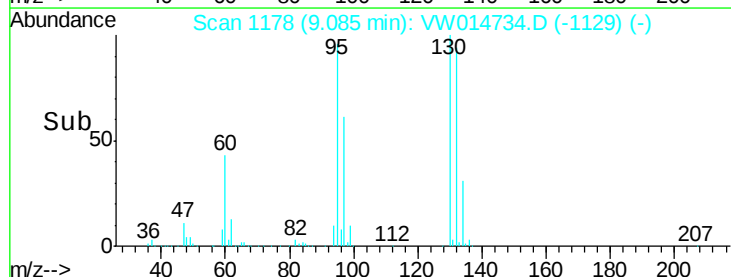
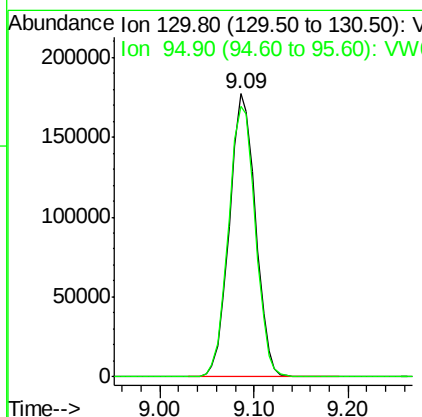
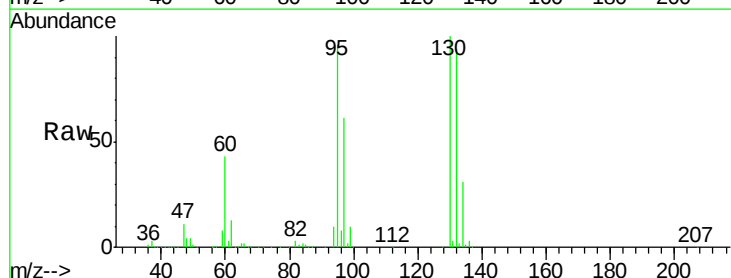
RT: 9.09 min Scan# 1178

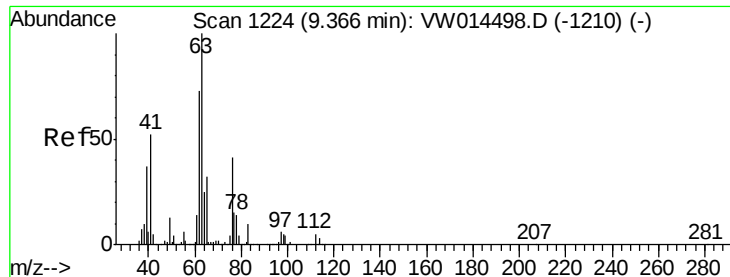
Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Tgt Ion:	130	Resp:	341253
Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	199.4





#45

1,2-Dichloropropane

Concen: 57.731 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 338326

Ion Ratio Lower Upper

63 100

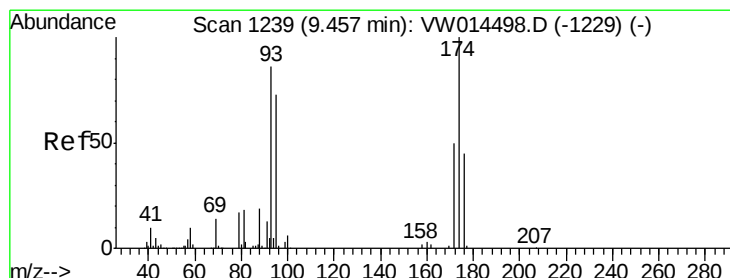
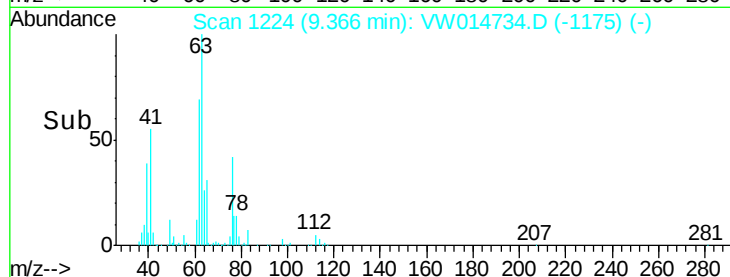
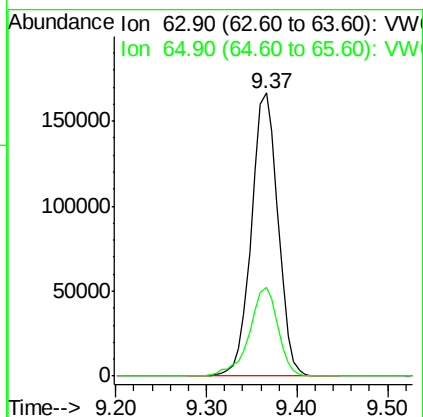
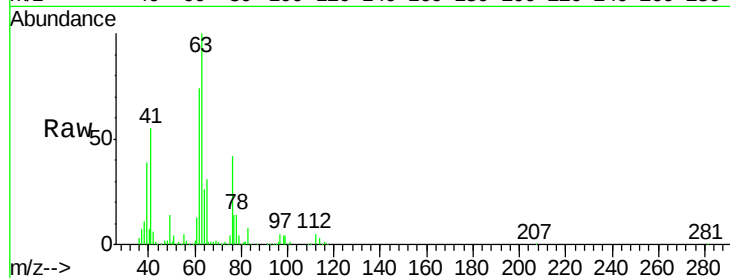
65 31.4 25.6 38.4

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#46

Dibromomethane

Concen: 57.742 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

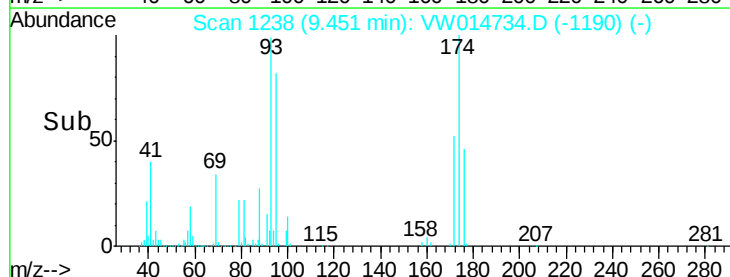
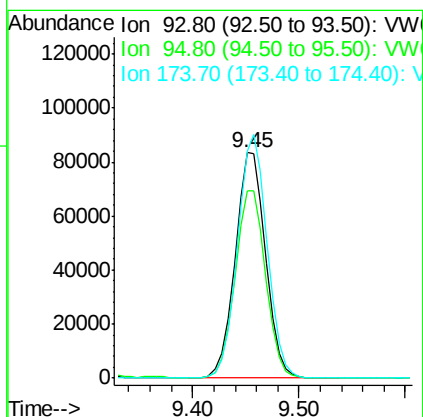
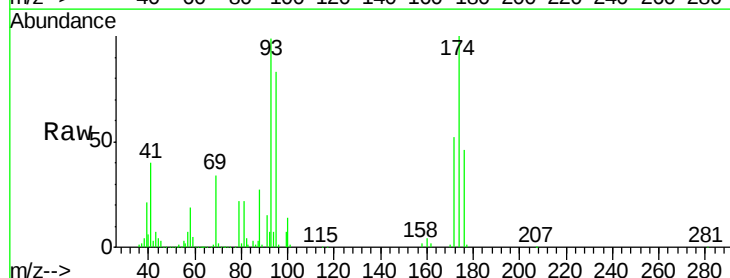
Tgt Ion: 93 Resp: 167053

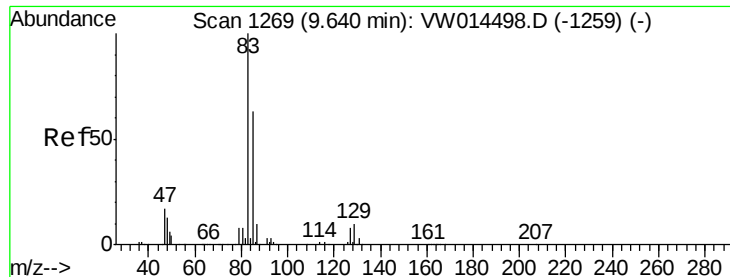
Ion Ratio Lower Upper

93 100

95 83.2 66.4 99.6

174 105.2 89.1 133.7





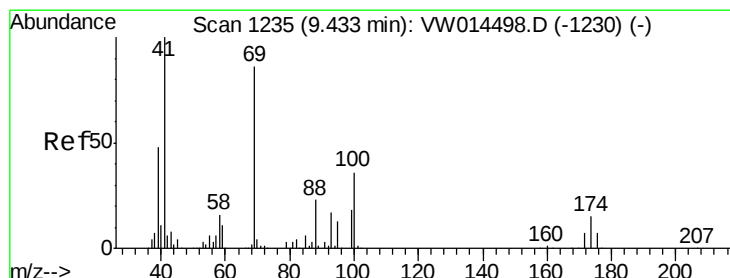
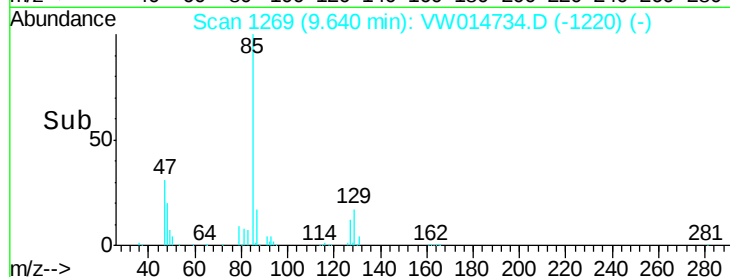
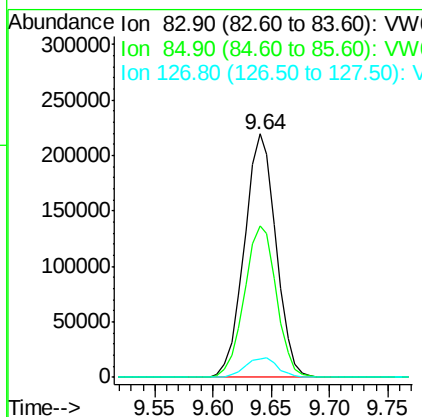
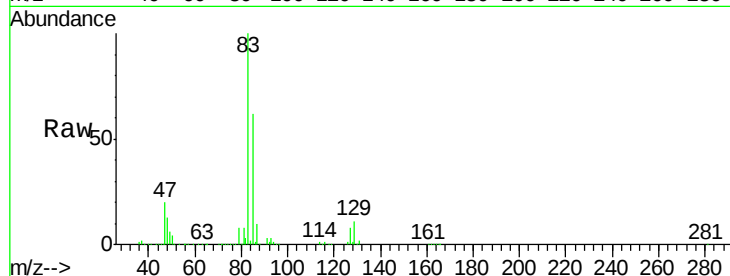
#47
Bromodichloromethane
Concen: 58.201 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.6	76.0
127	7.7	6.6	9.8

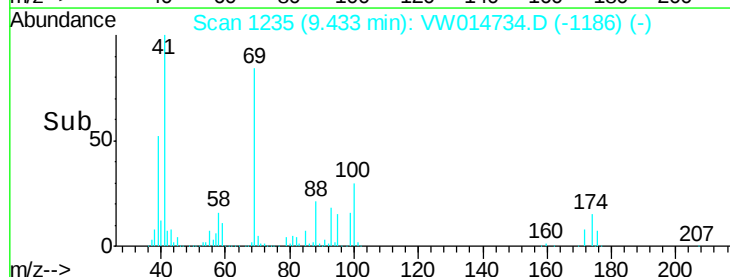
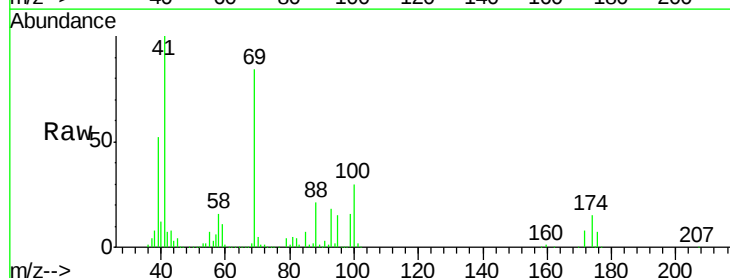
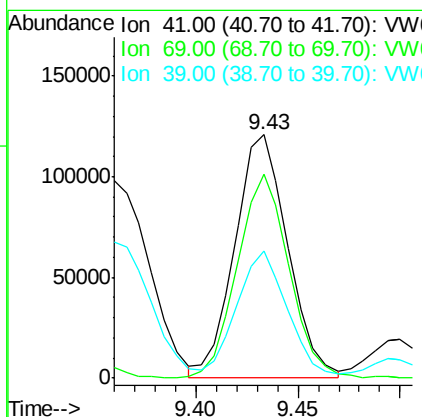
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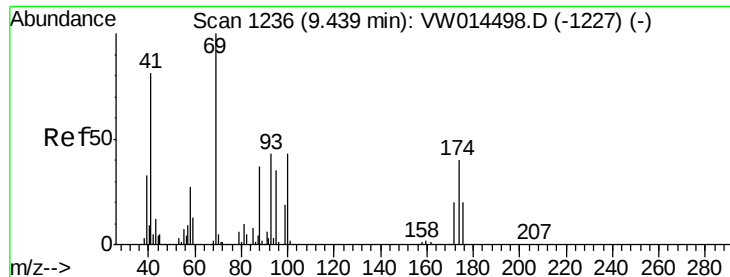
MMDadoda
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#48
Methyl methacrylate
Concen: 63.876 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.0	68.3	102.5
39	46.9	36.8	55.2





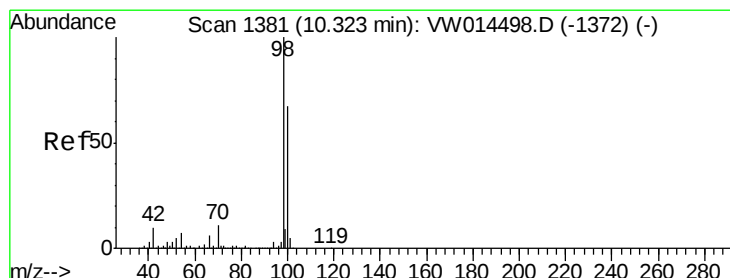
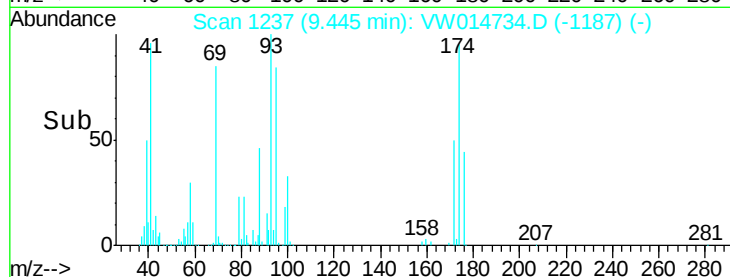
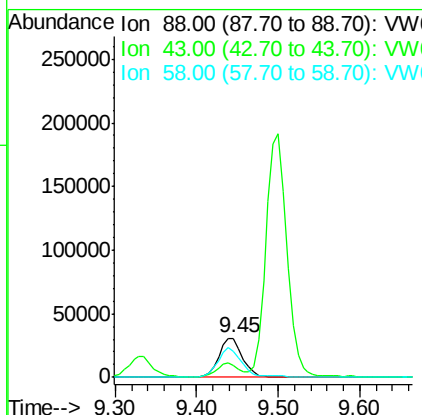
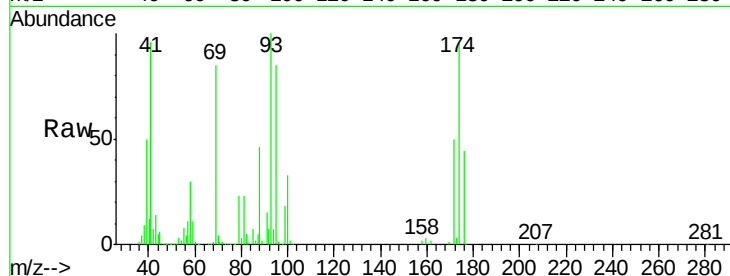
#49
1,4-Dioxane
Concen: 1148.556 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	62149
Ion Ratio	100	Lower	Upper
88	100		
43	34.0	24.9	37.3
58	74.7	56.9	85.3

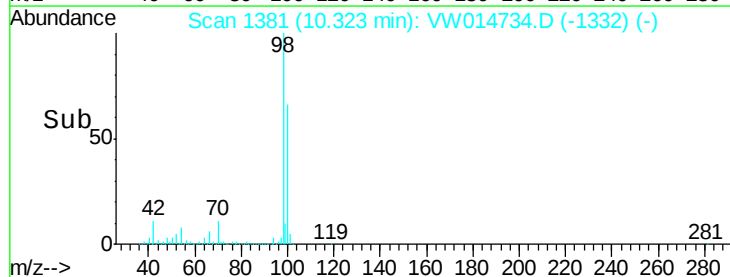
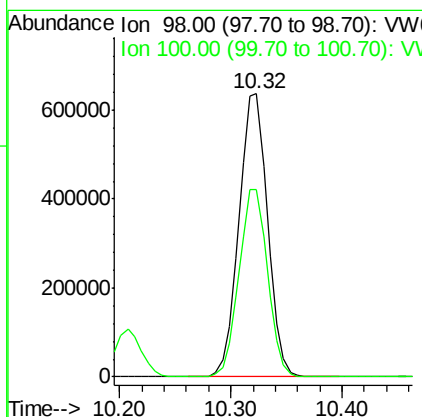
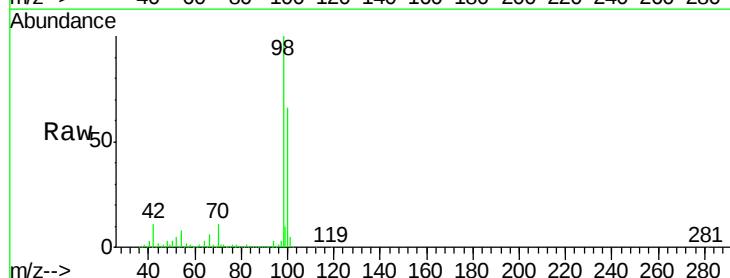
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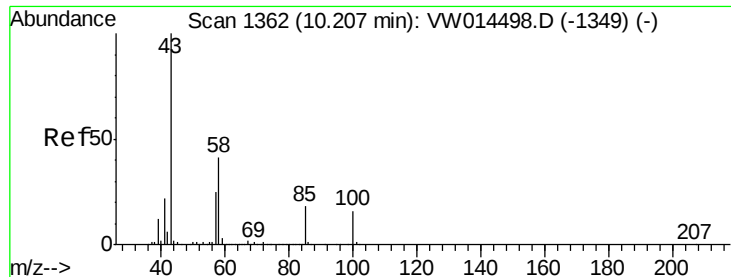
MMDadoda
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#50
Toluene-d8
Concen: 54.359 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	98	Resp	1135150
Ion Ratio	100	Lower	Upper
98	100		
100	66.3	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 324.919 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1172927

Ion Ratio Lower Upper

43 100

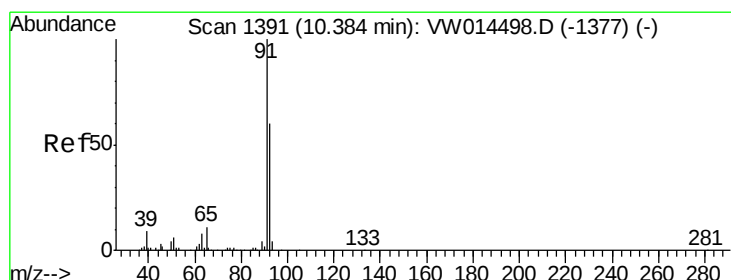
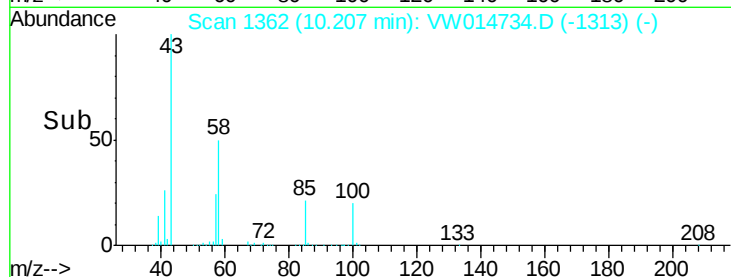
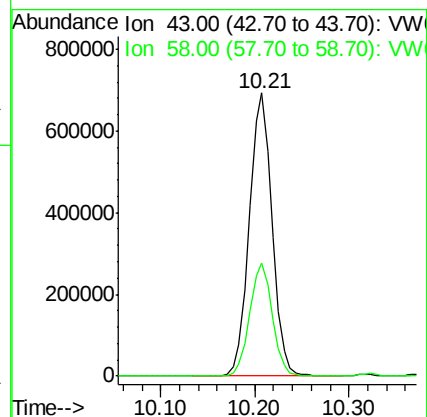
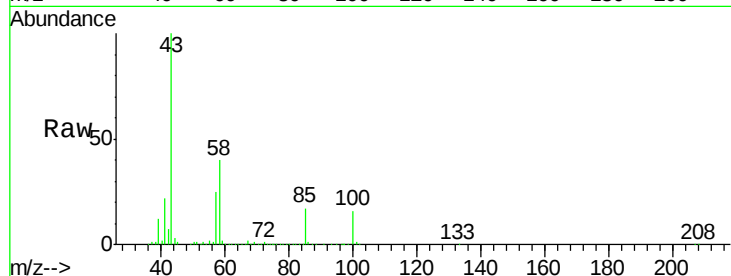
58 39.7 32.7 49.1

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#52

Toluene

Concen: 54.621 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014734.D

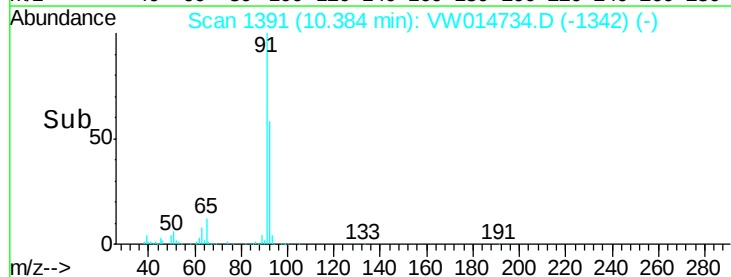
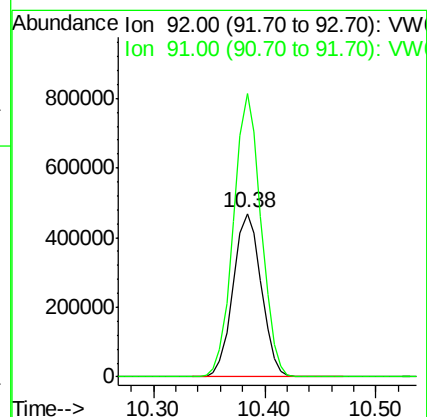
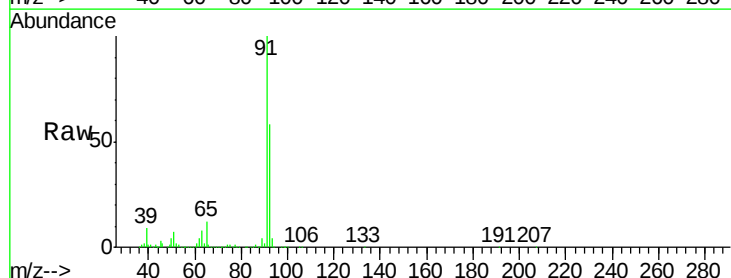
Acq: 23 Jan 2020 19:40

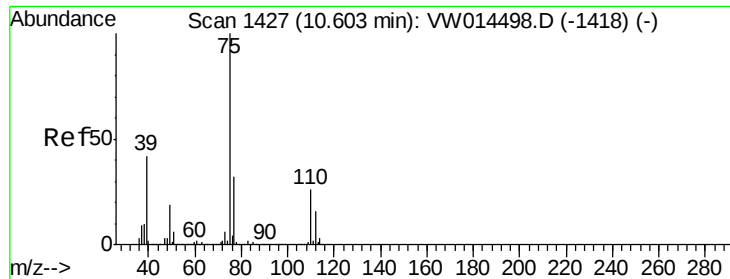
Tgt Ion: 92 Resp: 820648

Ion Ratio Lower Upper

92 100

91 169.7 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 58.054 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 429334

Ion Ratio Lower Upper

75 100

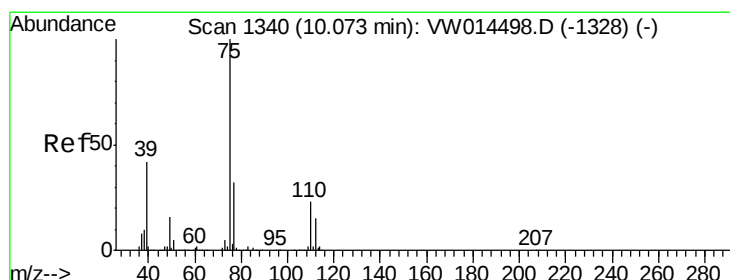
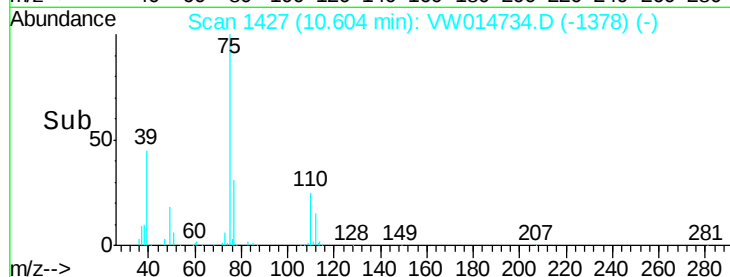
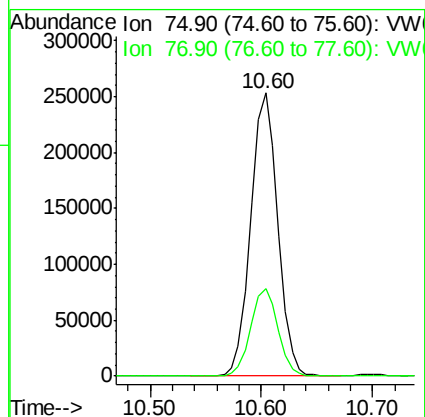
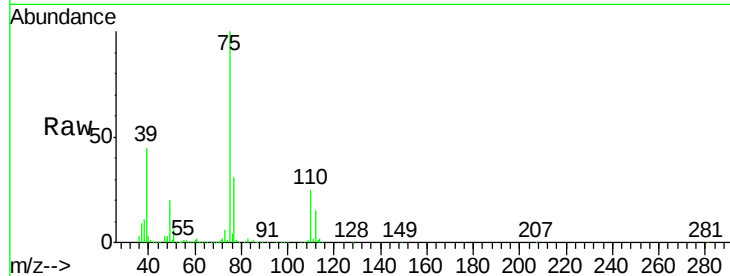
77 31.1 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 56.059 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

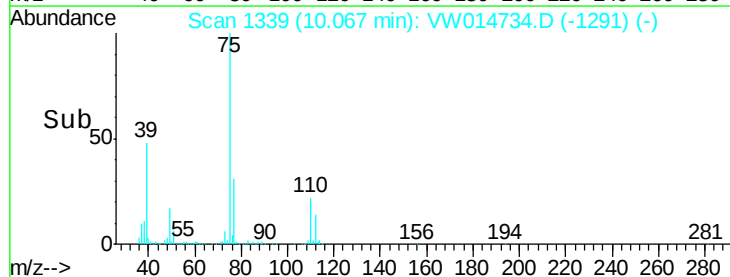
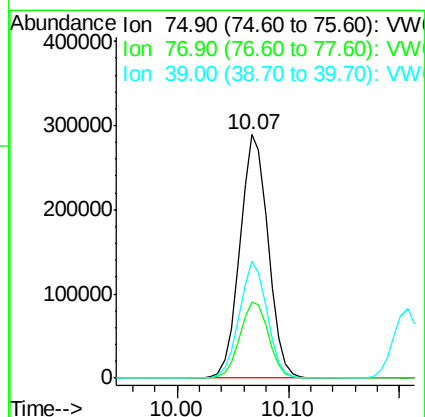
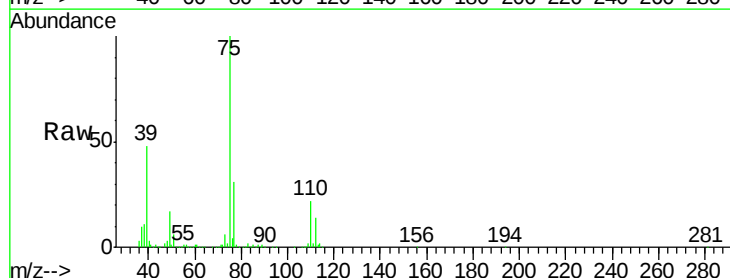
Tgt Ion: 75 Resp: 506684

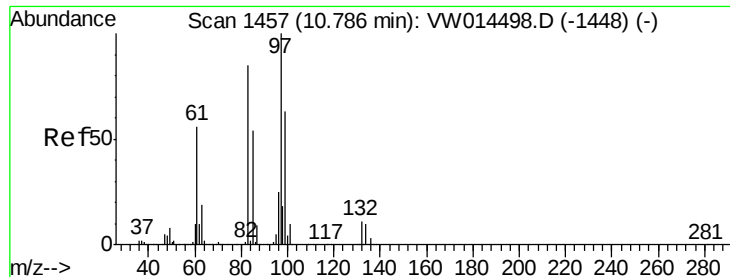
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

39 48.0 33.4 50.2





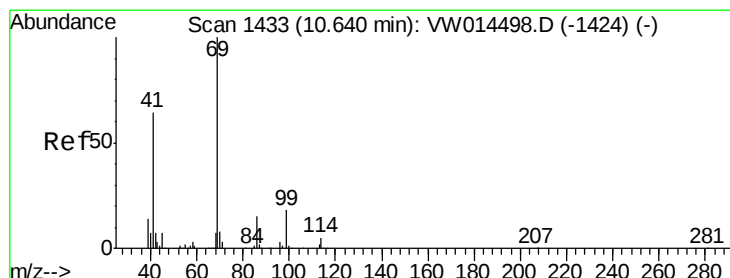
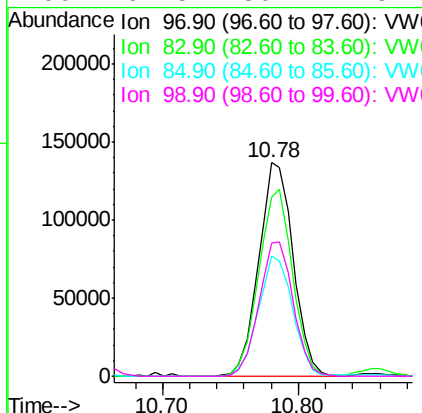
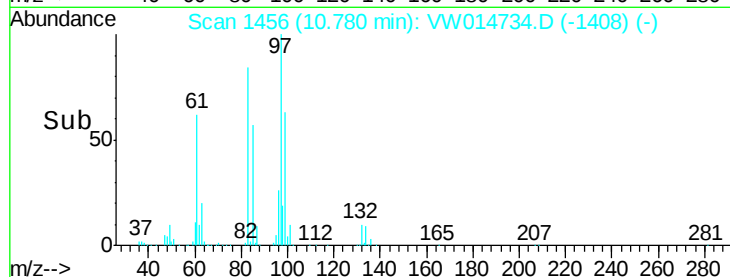
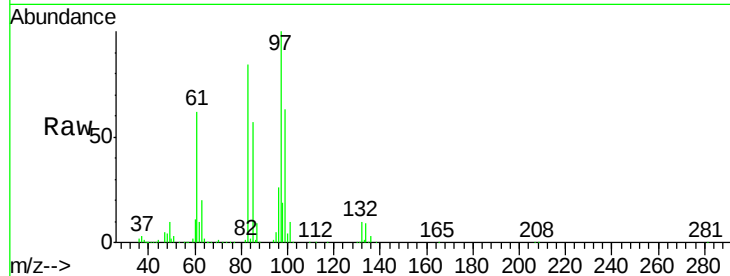
#55
 1,1,2-Trichloroethane
 Concen: 57.528 ug/l
 RT: 10.78 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	243070
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.2	102.4
85	56.6	43.0	64.4
99	62.5	50.1	75.1

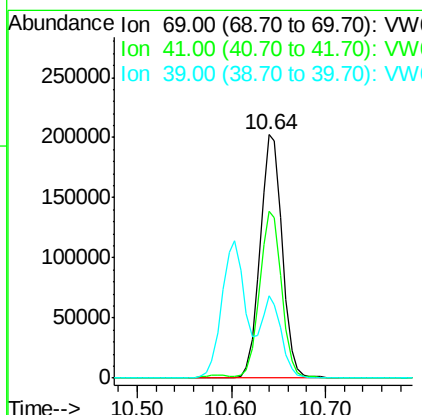
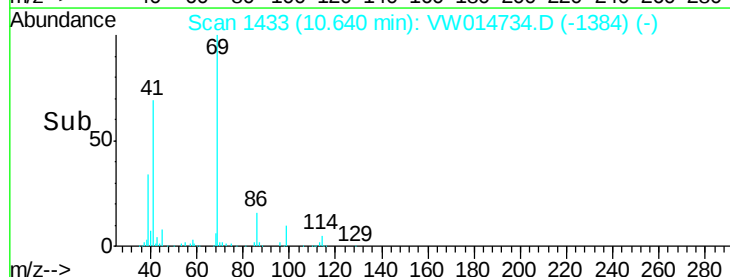
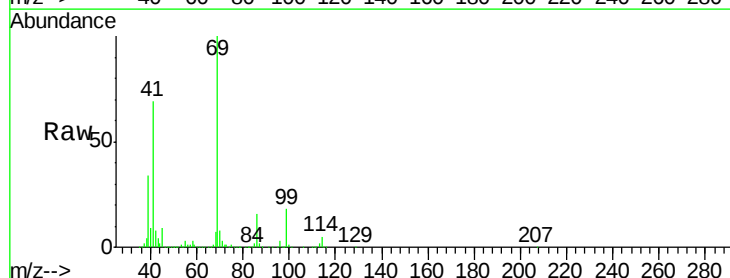
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#56
 Ethyl methacrylate
 Concen: 61.103 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Tgt Ion:	69	Resp:	335525
Ion	Ratio	Lower	Upper
69	100		
41	68.0	51.3	76.9
39	31.6	21.0	31.6#





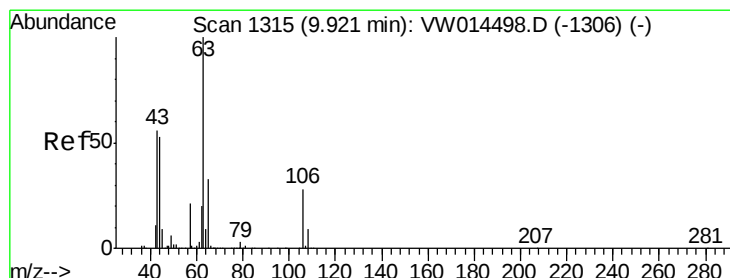
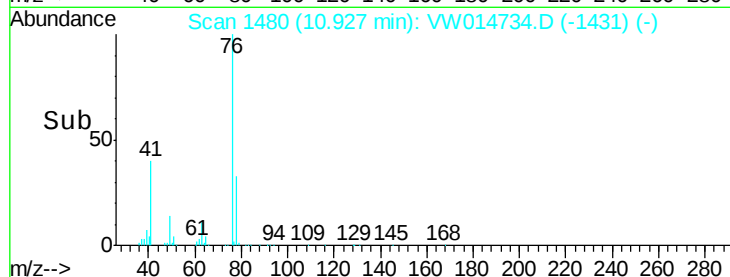
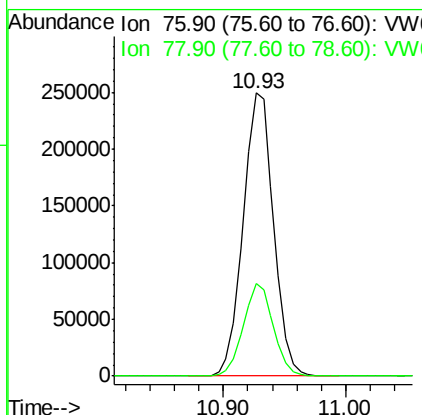
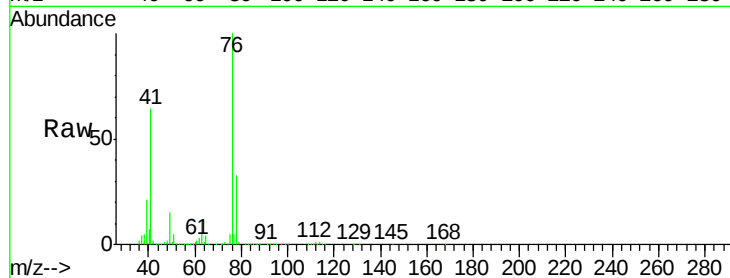
#57
 1,3-Dichloropropane
 Concen: 57.812 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 429317
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9

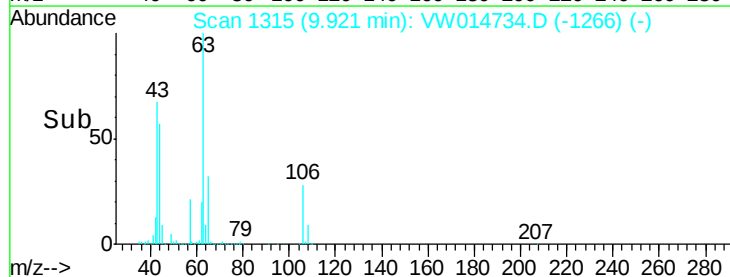
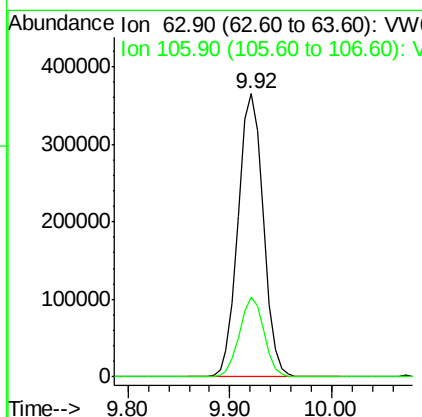
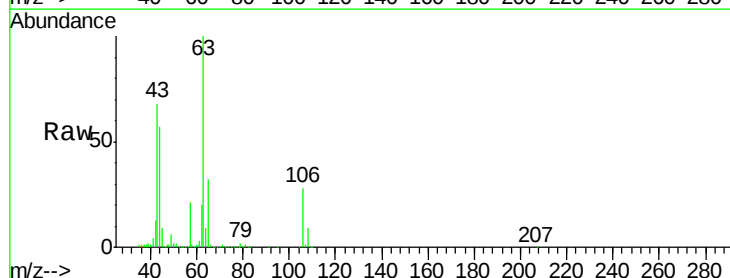
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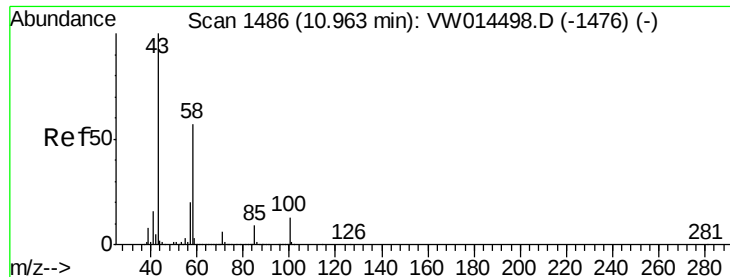
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#58
 2-Chloroethyl Vinyl ether
 Concen: 372.962 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Tgt Ion: 63 Resp: 622862
 Ion Ratio Lower Upper
 63 100
 106 27.3 23.0 34.6





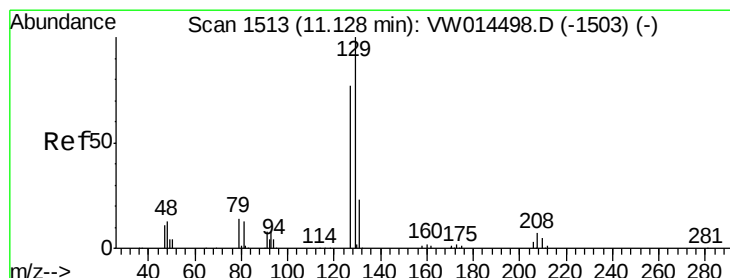
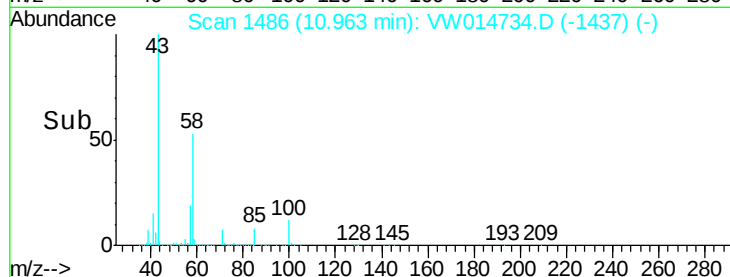
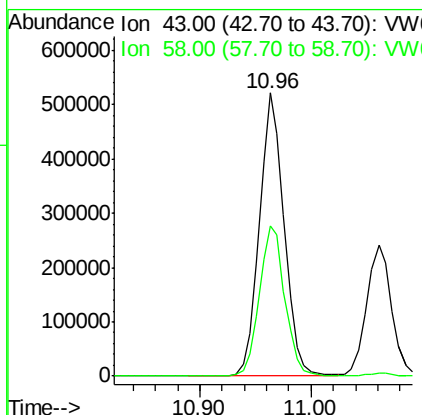
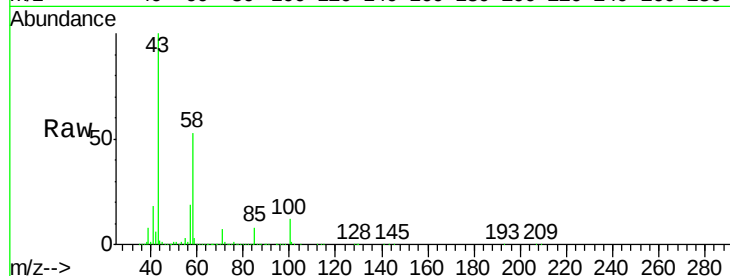
#59
2-Hexanone
Concen: 326.041 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 811043
Ion Ratio Lower Upper
43 100
58 54.6 28.7 86.3

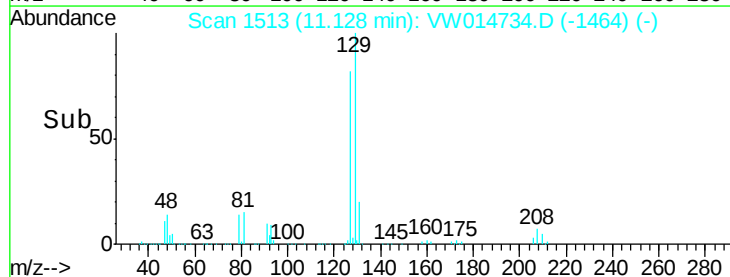
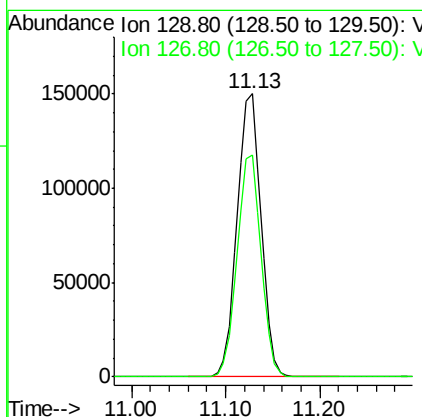
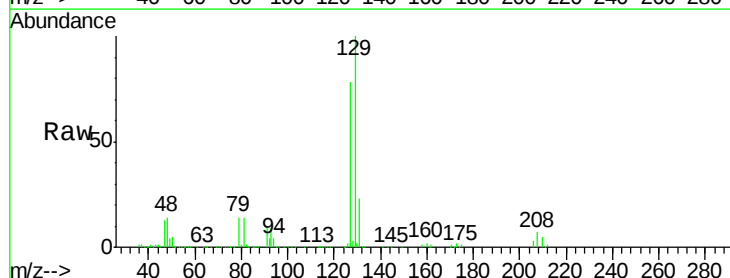
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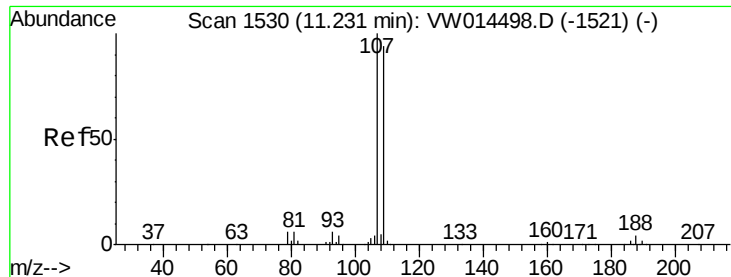
MMDadoda
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#60
Dibromochloromethane
Concen: 55.961 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion: 129 Resp: 266788
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.5





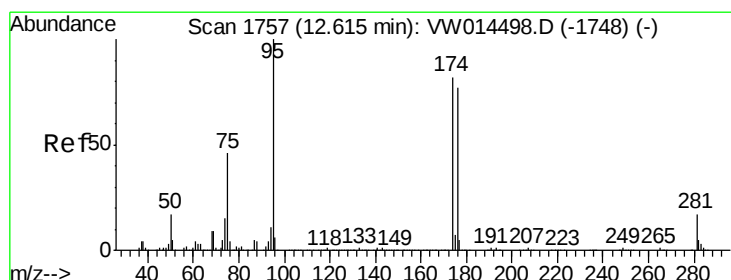
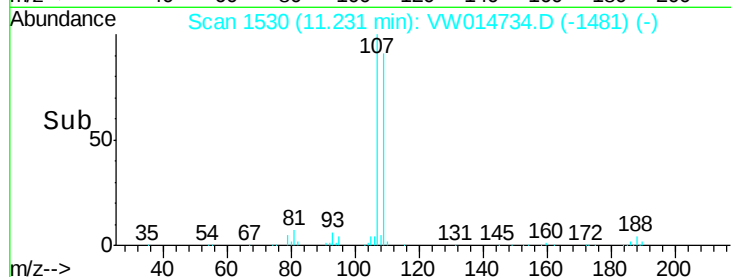
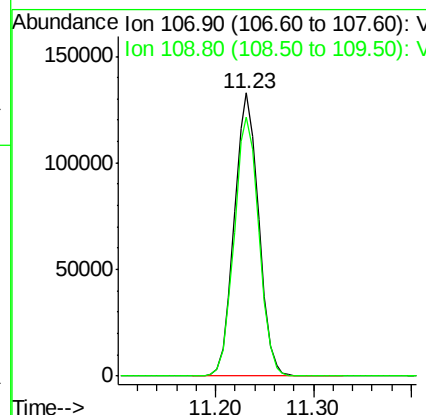
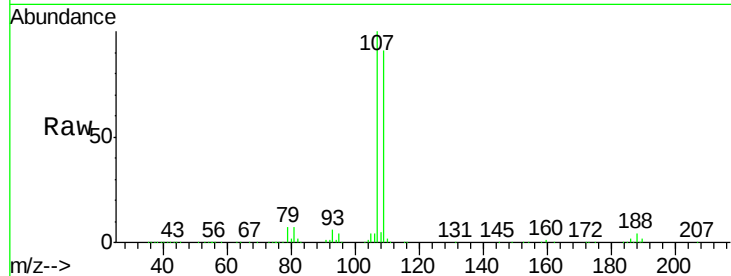
#61
1,2-Dibromoethane
Concen: 56.941 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.1	112.7

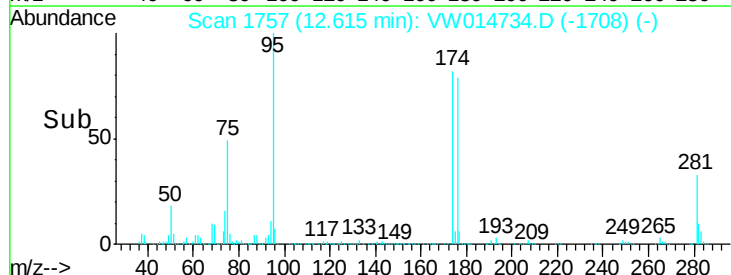
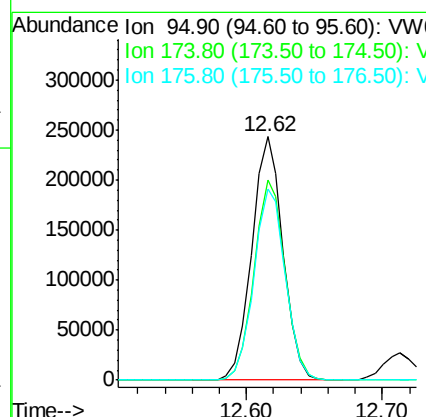
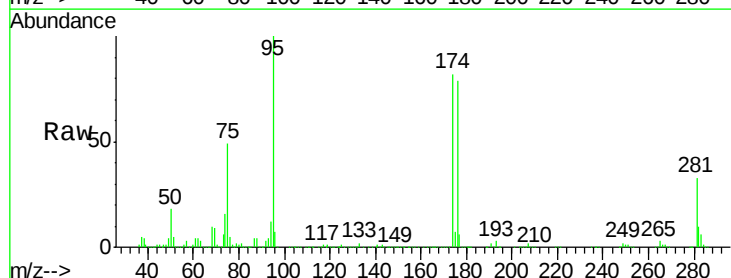
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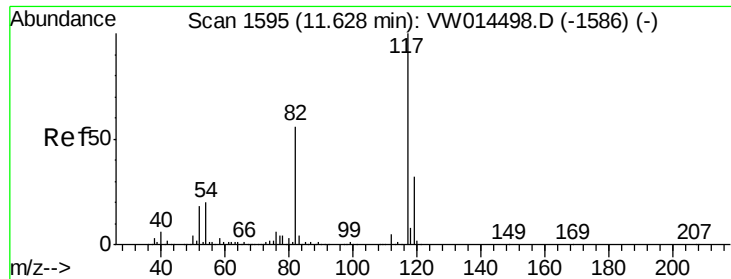
MMDadoda
1/24/2020 4:02:39 PM



#62
4-Bromofluorobenzene
Concen: 54.948 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	168.6
176	79.5	0.0	162.0





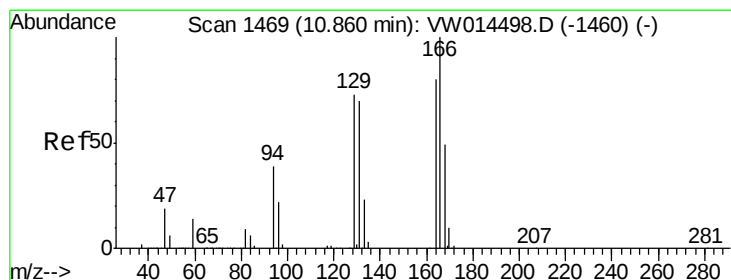
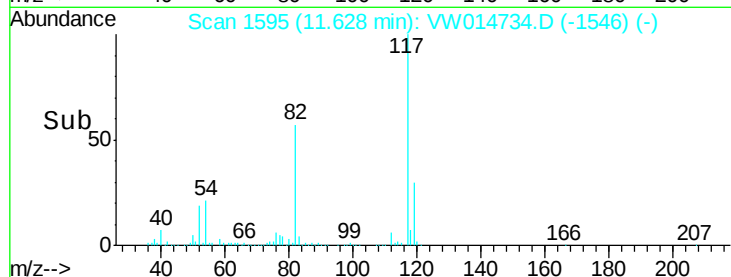
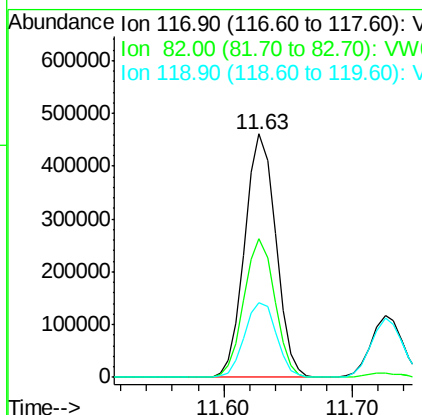
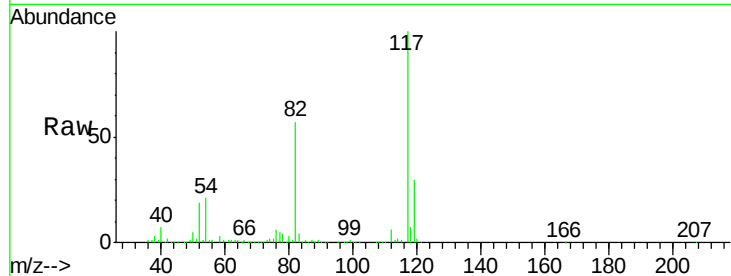
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.6	67.0
119	30.5	25.7	38.5

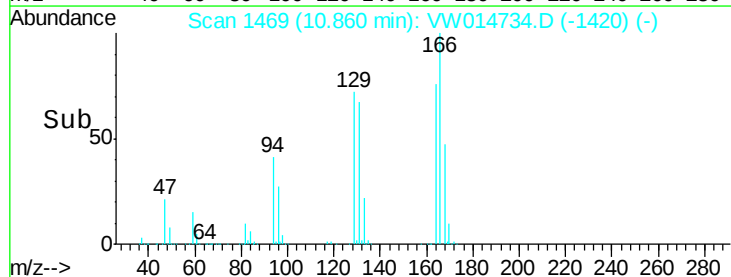
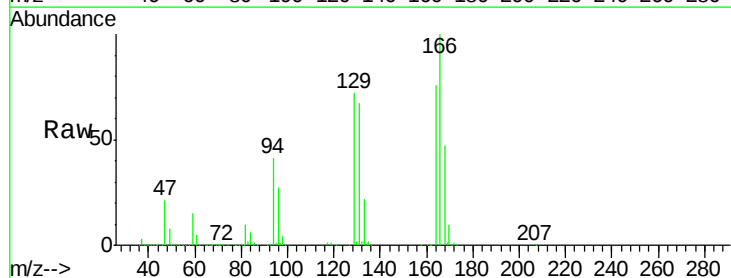
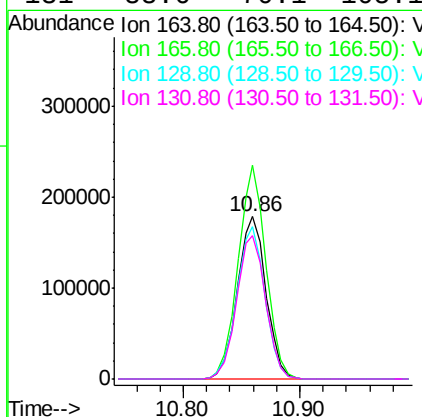
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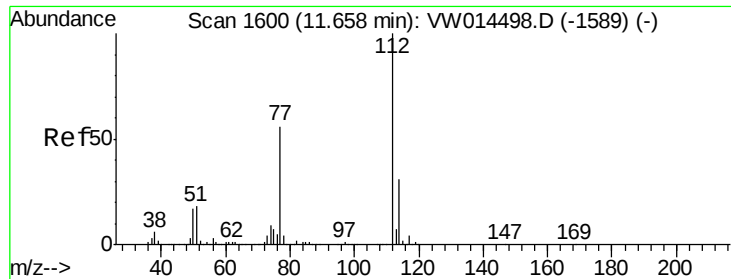
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#64
Tetrachloroethene
Concen: 55.197 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.7	99.8	149.6
129	94.2	72.4	108.6
131	88.6	70.1	105.1





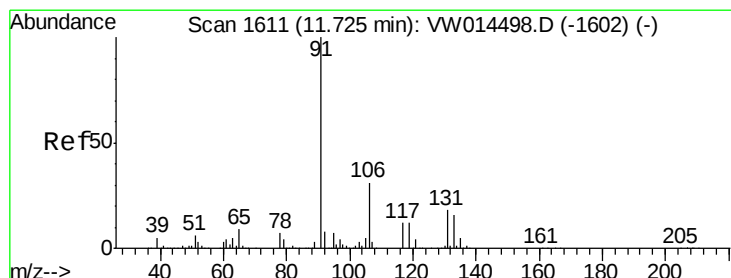
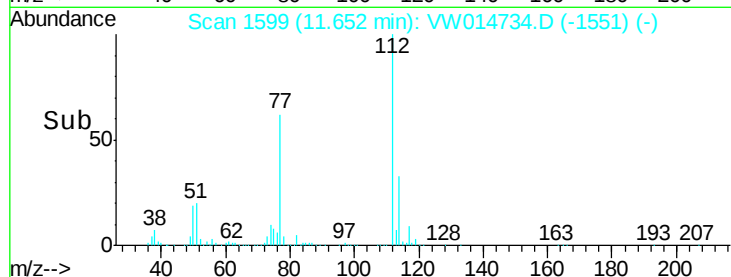
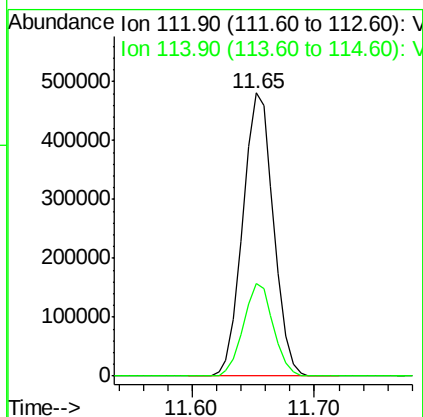
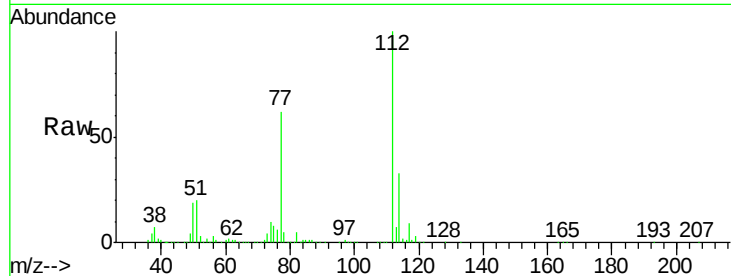
#65
Chlorobenzene
Concen: 53.226 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 835629
Ion Ratio Lower Upper
112 100
114 32.6 24.6 37.0

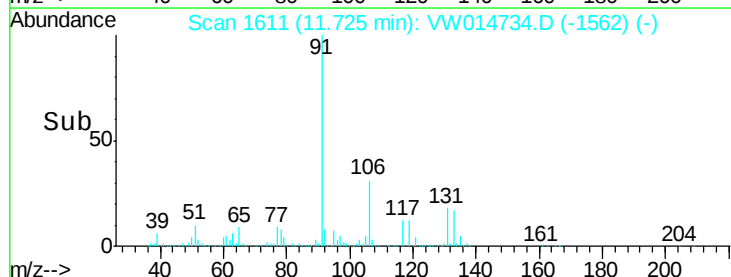
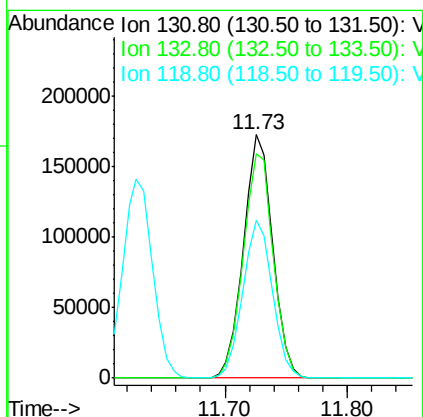
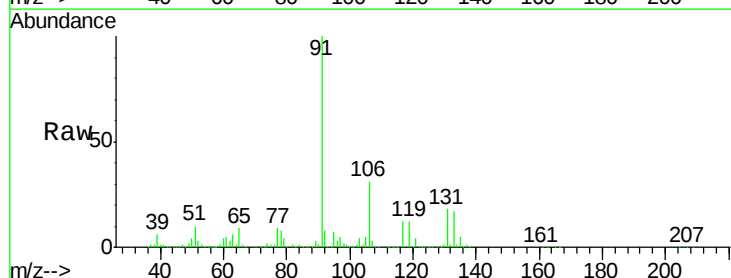
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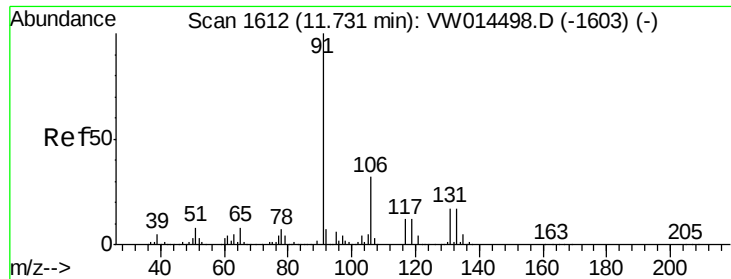
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.274 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion:131 Resp: 286891
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 65.6 33.1 99.3





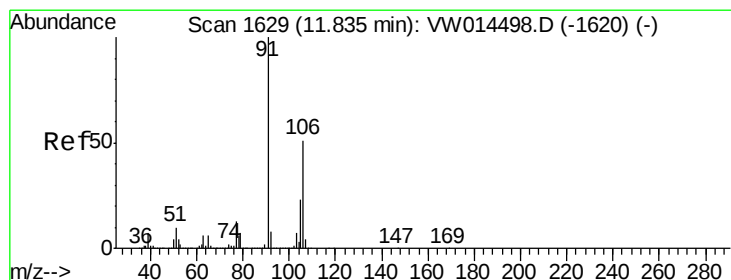
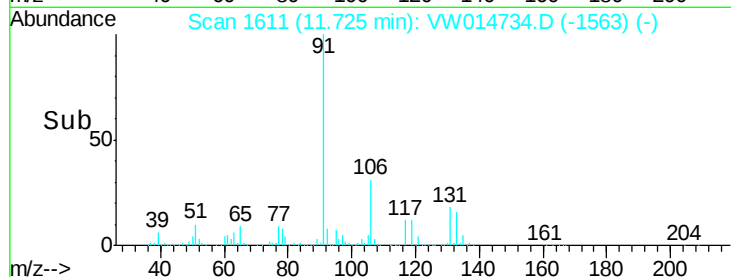
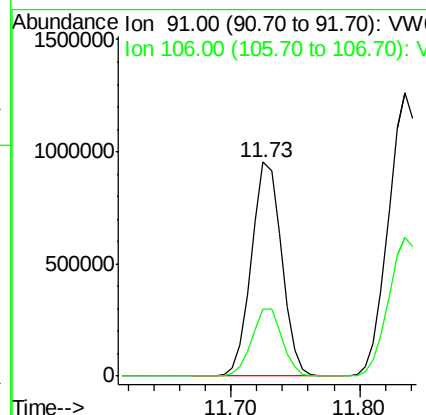
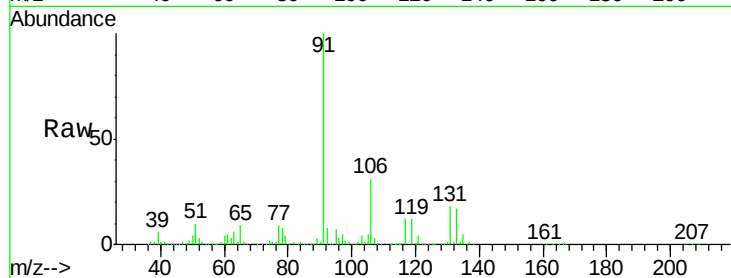
#67
Ethyl Benzene
Concen: 54.484 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1541503
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3

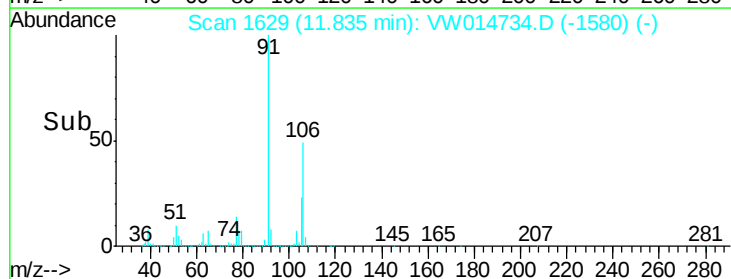
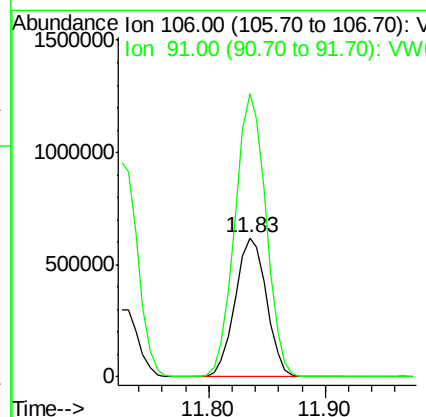
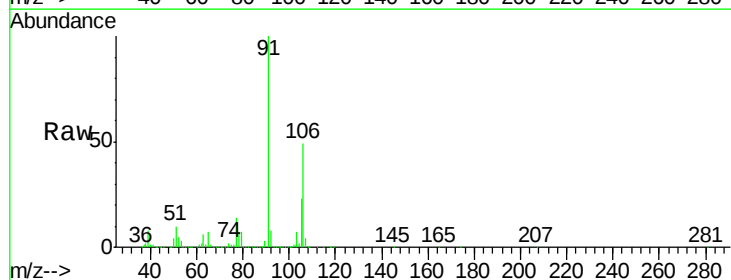
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#68
m/p-Xylenes
Concen: 107.369 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion: 106 Resp: 1162631
Ion Ratio Lower Upper
106 100
91 201.7 159.0 238.6





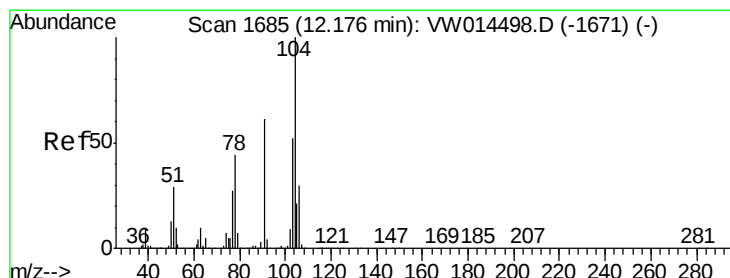
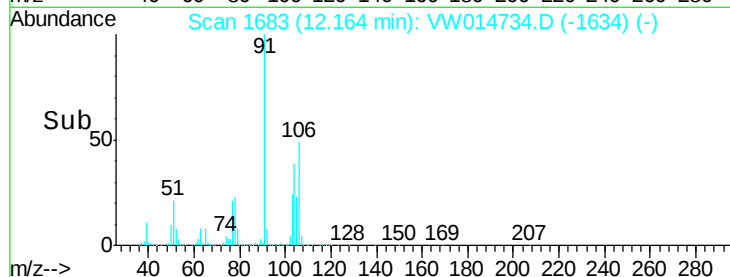
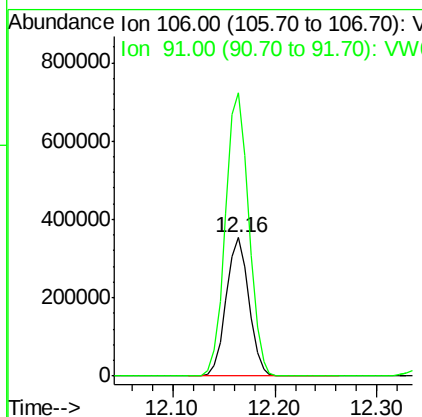
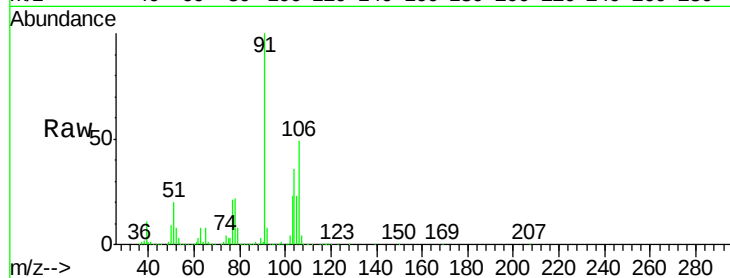
#69
o-Xylene
Concen: 54.508 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	209.9	105.2	315.6	

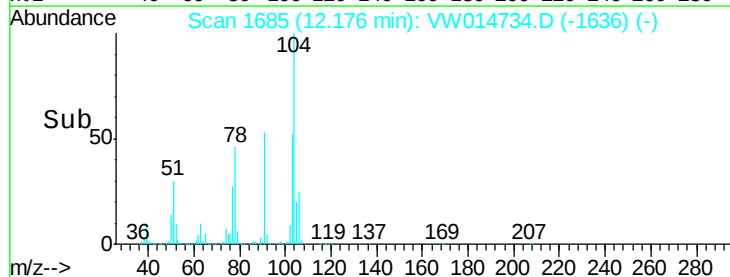
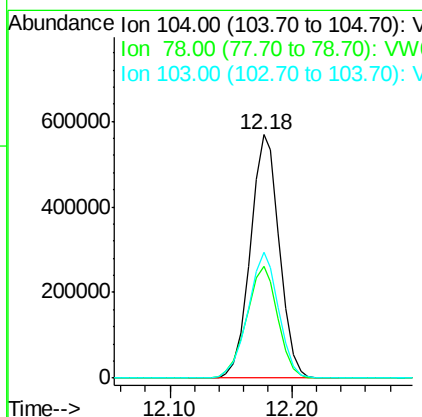
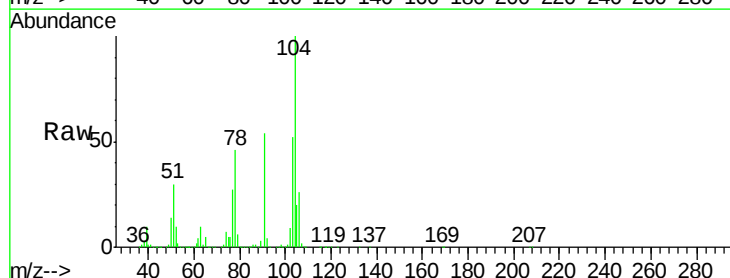
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#70
Styrene
Concen: 55.379 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.4	38.4	57.6	
103	54.6	43.7	65.5	





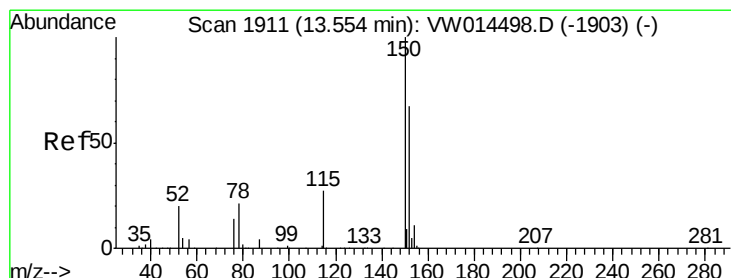
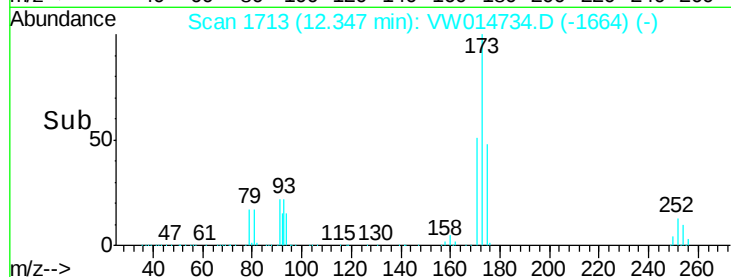
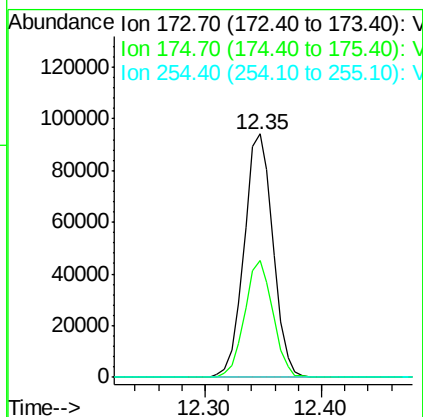
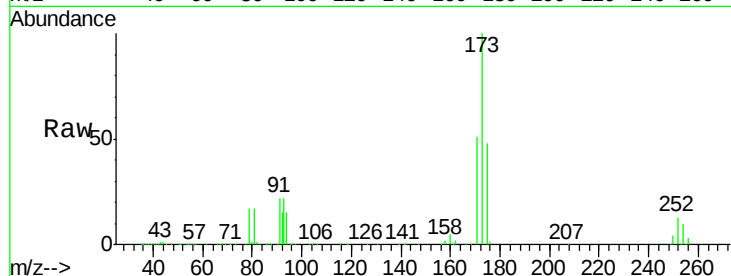
#71
Bromoform
Concen: 56.408 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.0	24.5	73.5
254	0.1	0.0	0.0#

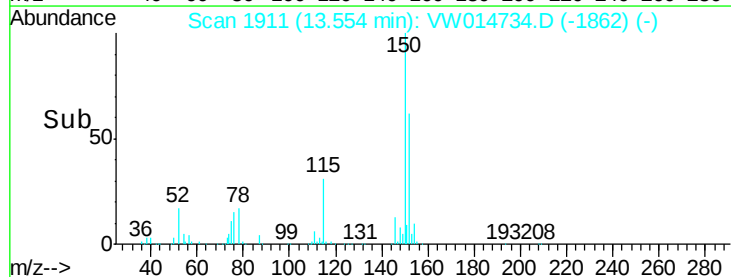
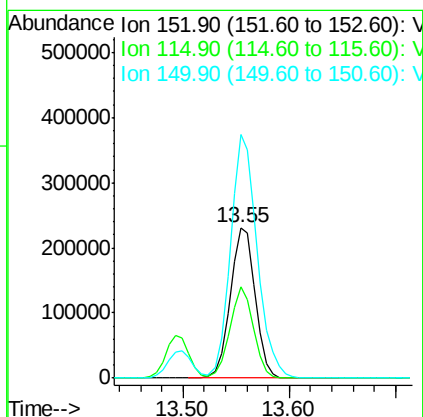
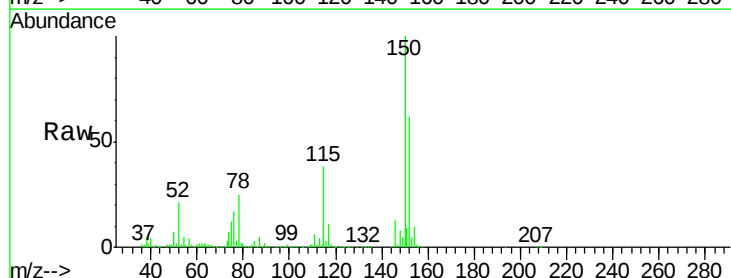
Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	27.7	83.1
150	173.7	0.0	343.4





#73

Isopropylbenzene

Concen: 53.996 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1488041

Ion Ratio Lower Upper

105 100

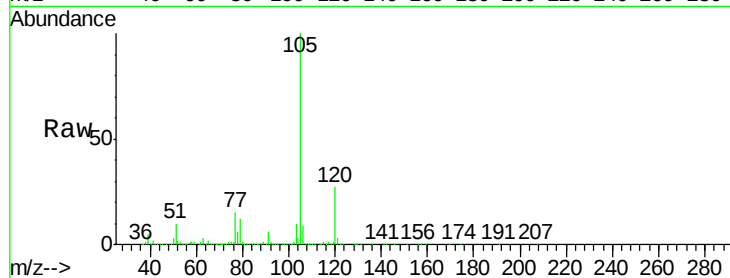
120 26.8 13.4 40.1

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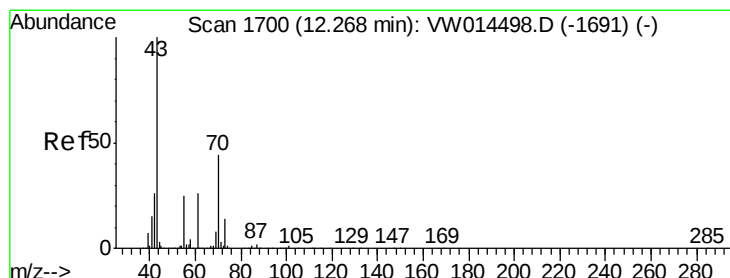
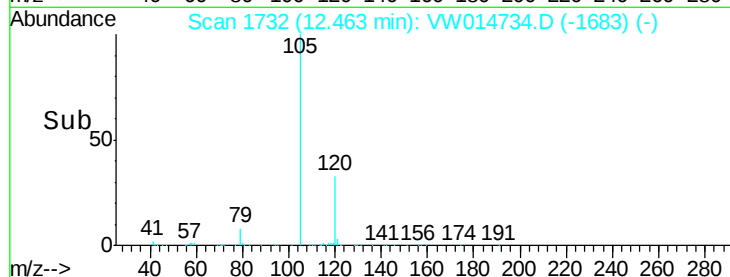
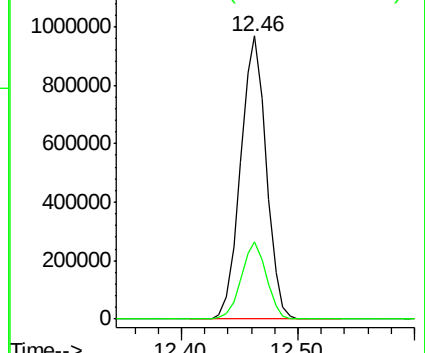
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 62.819 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Tgt Ion: 43 Resp: 388165

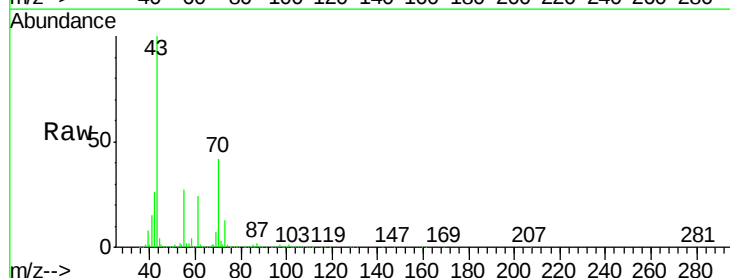
Ion Ratio Lower Upper

43 100

70 42.8 36.5 54.7

55 26.7 20.9 31.3

61 24.8 20.7 31.1

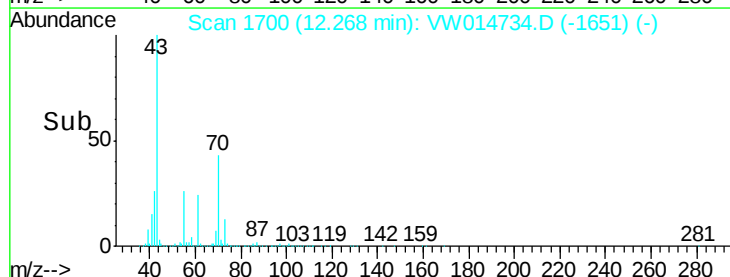
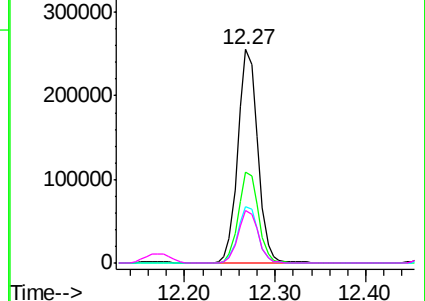


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 58.036 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

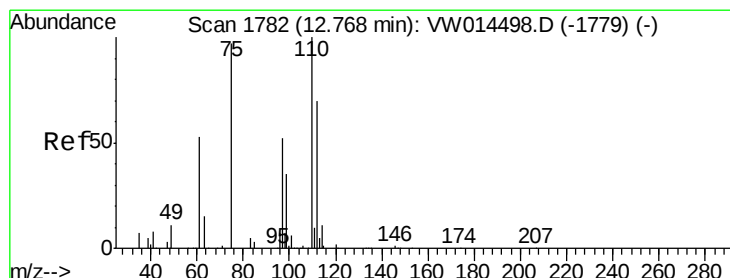
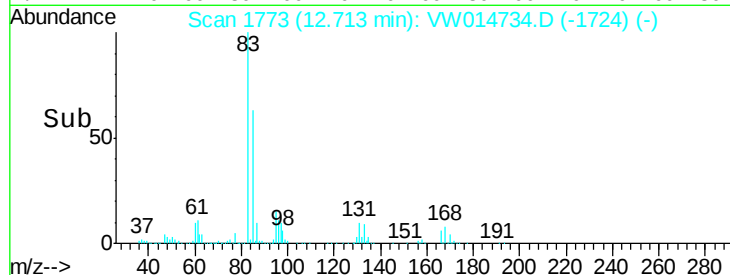
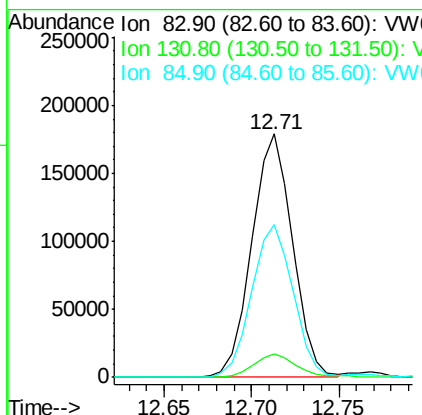
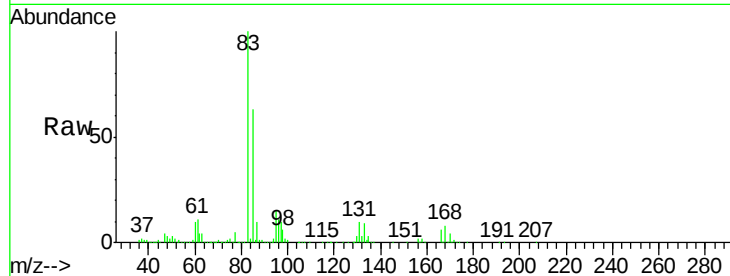
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	288680
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	63.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 60.351 ug/l m

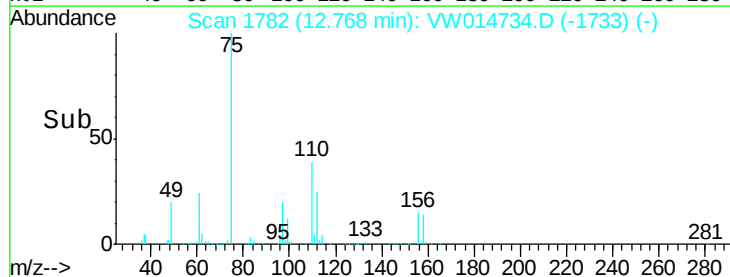
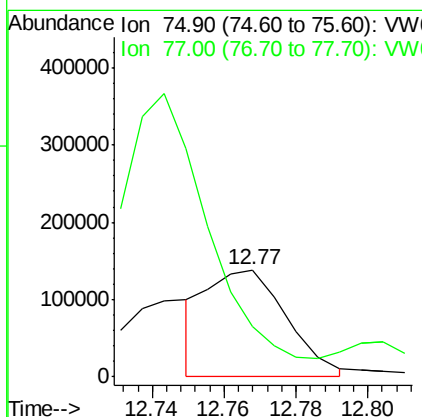
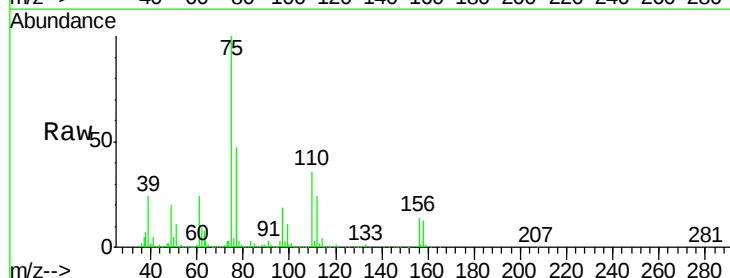
RT: 12.77 min Scan# 1782

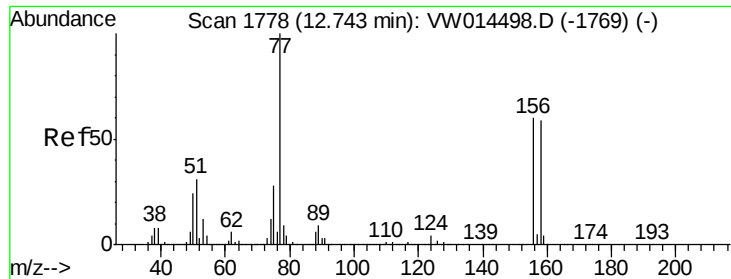
Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Tgt Ion:	75	Resp:	214310
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





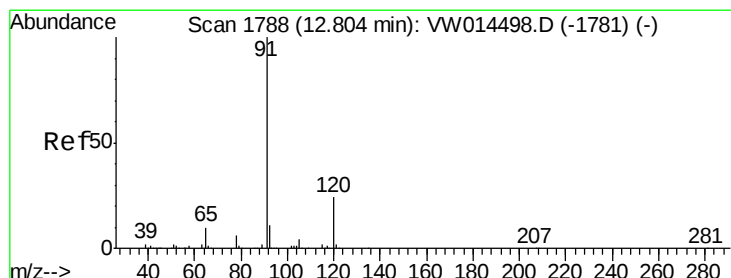
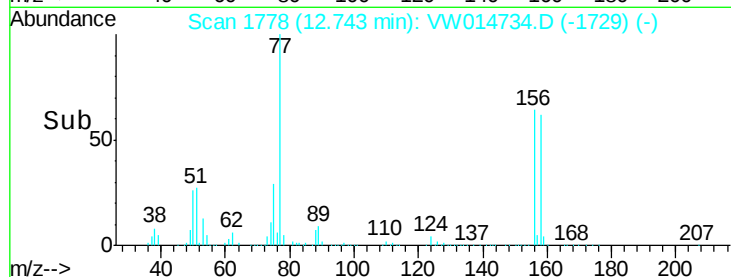
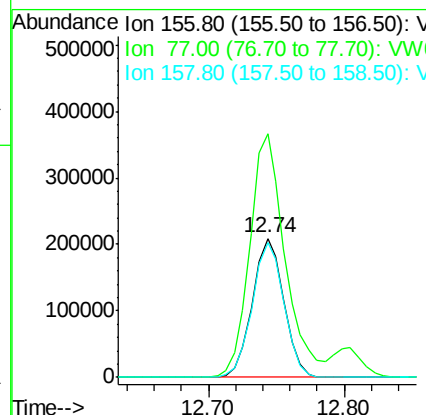
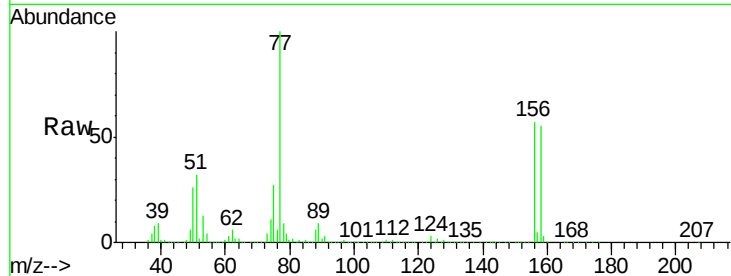
#77
Bromobenzene
Concen: 53.164 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	195.9	92.3	277.1	
158	97.3	48.6	145.9	

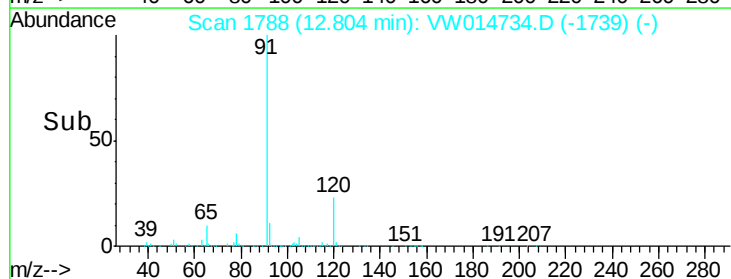
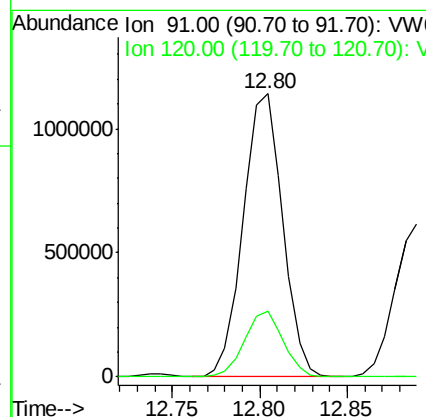
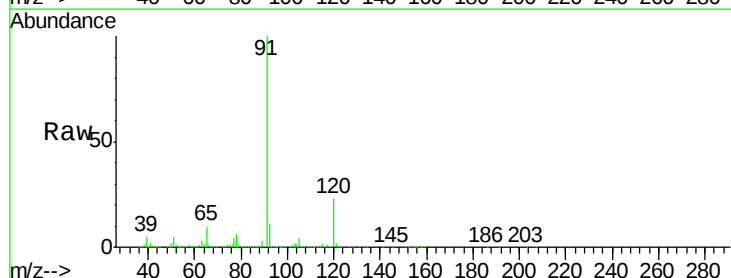
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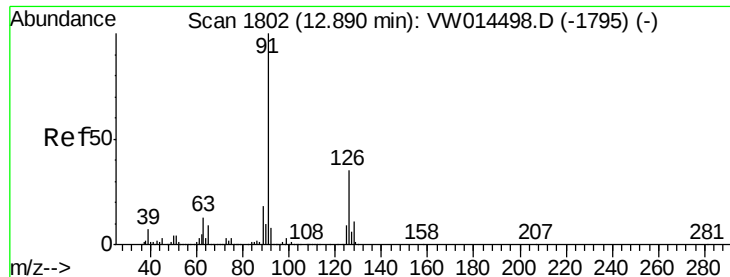
MMDadoda
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#78
n-propylbenzene
Concen: 55.090 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.8	11.7	35.1	





#79

2-Chlorotoluene

Concen: 54.385 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1002915

Ion Ratio Lower Upper

91 100

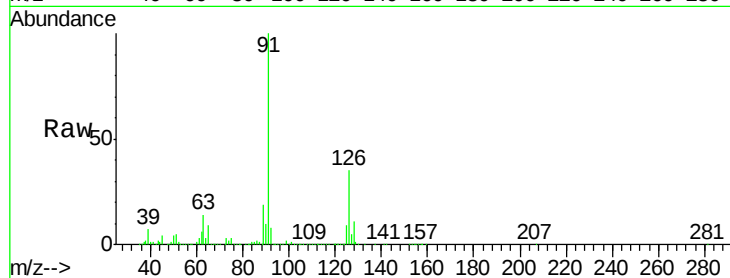
126 33.6 17.1 51.2

Manual Integrations

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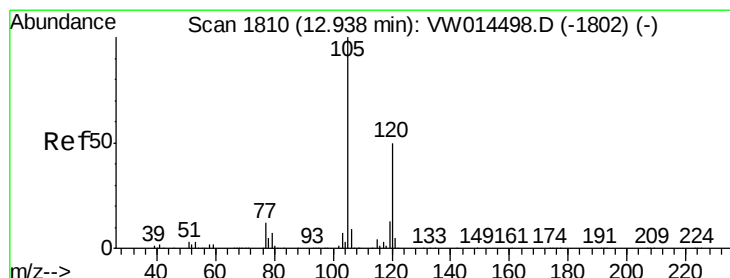
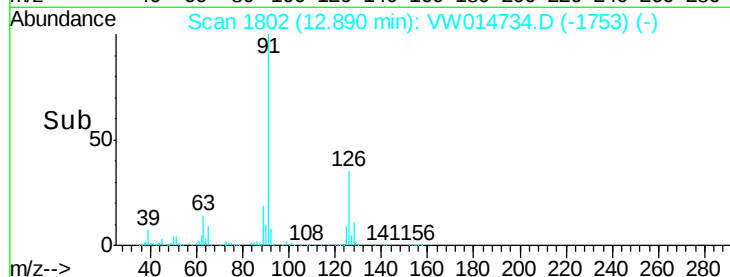
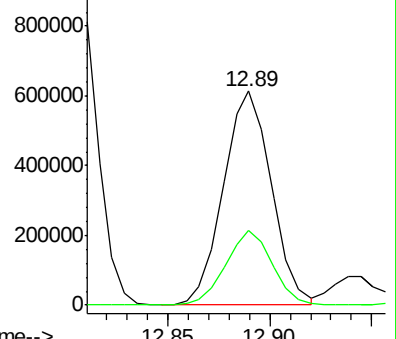
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.251 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW014734.D

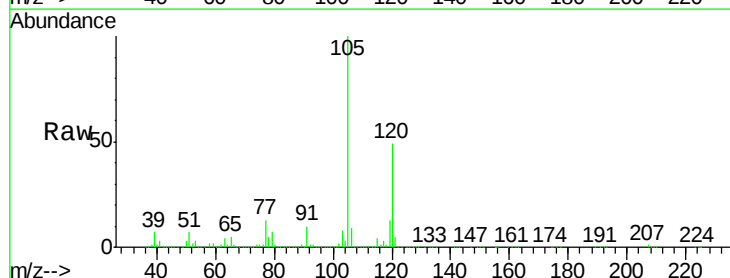
Acq: 23 Jan 2020 19:40

Tgt Ion:105 Resp: 1255312

Ion Ratio Lower Upper

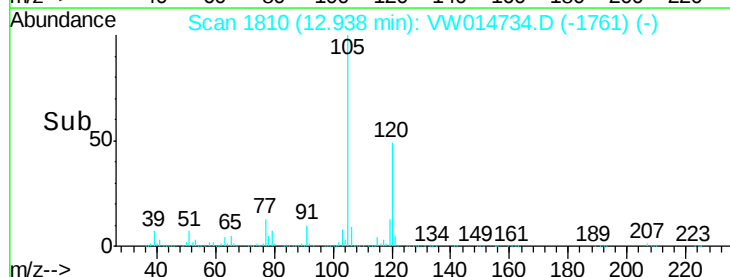
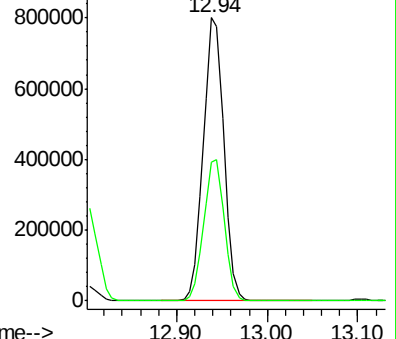
105 100

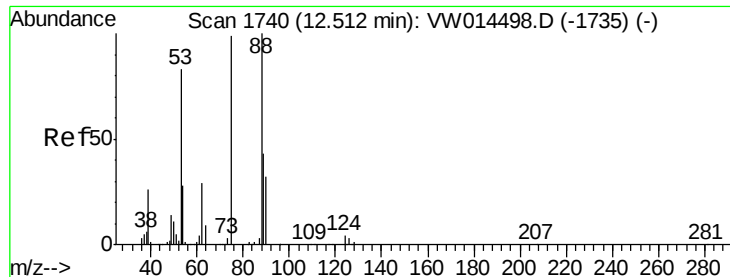
120 49.9 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





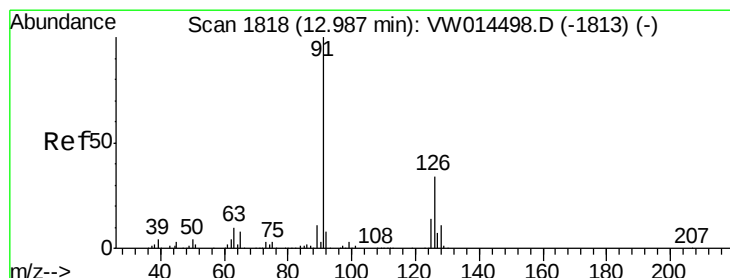
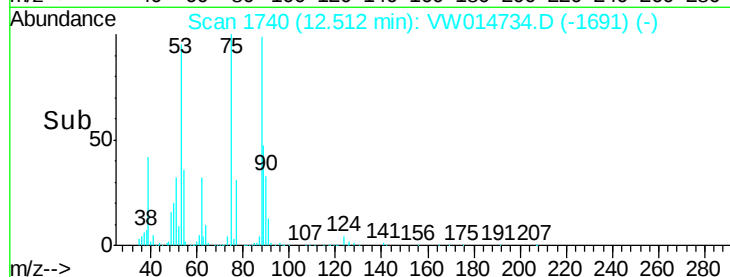
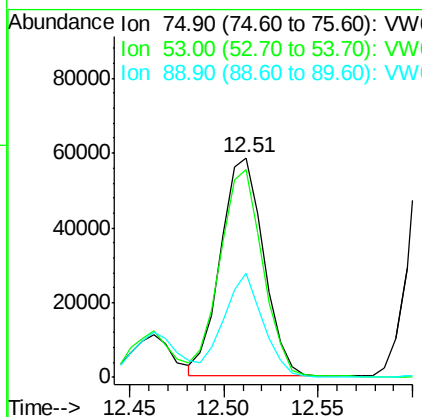
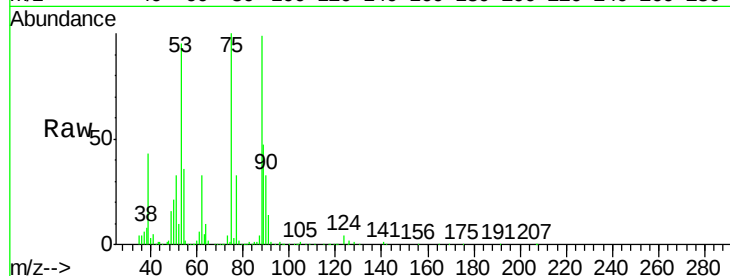
#81
trans-1,4-Dichloro-2-butene
Concen: 58.034 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.3	70.9	106.3
89	43.6	35.8	53.8

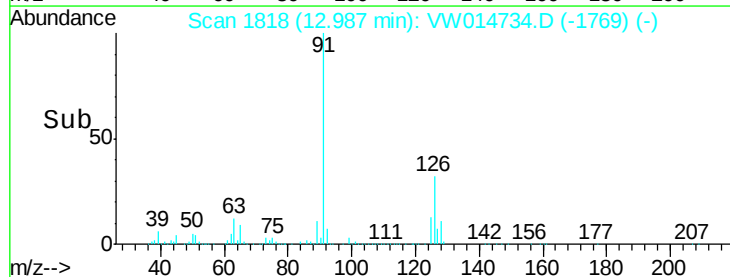
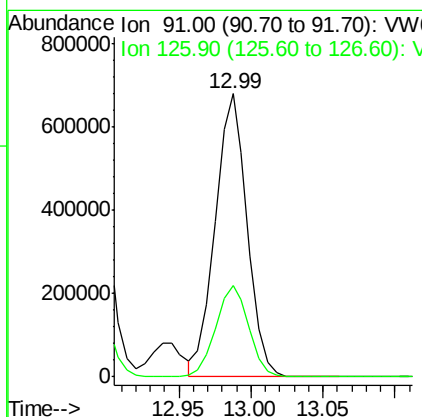
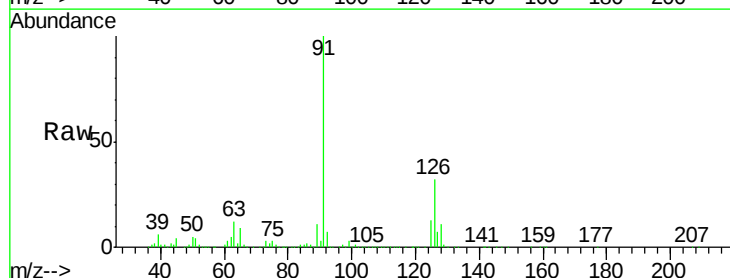
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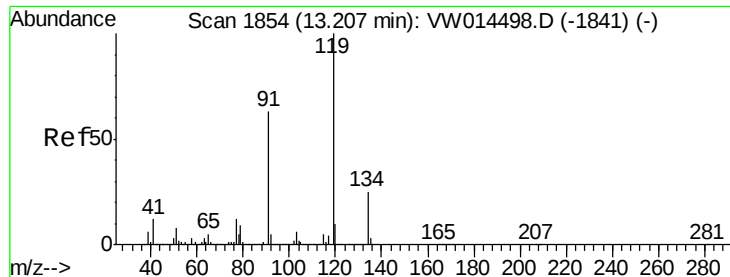
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#82
4-Chlorotoluene
Concen: 54.784 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	17.1	51.2





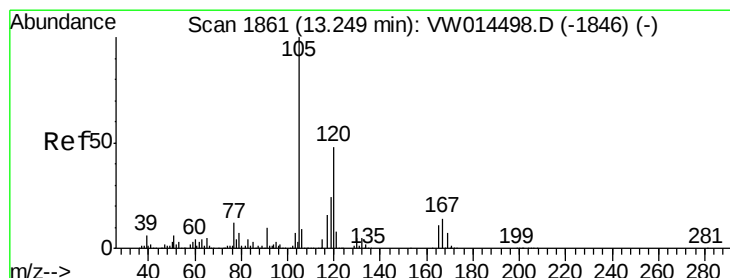
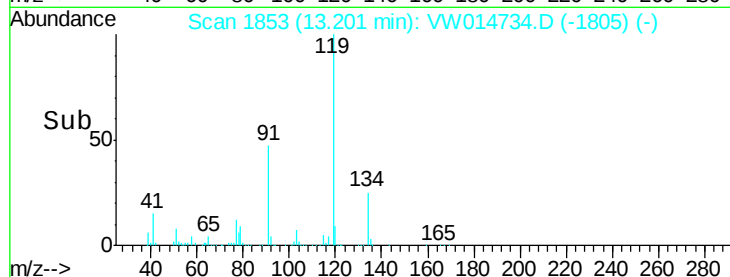
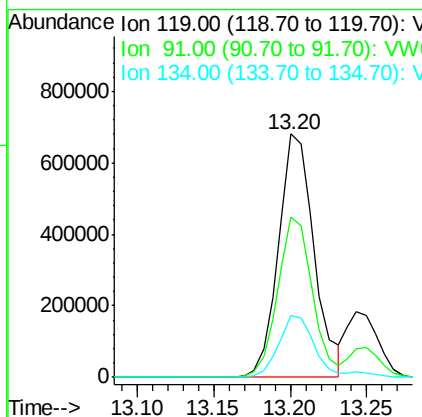
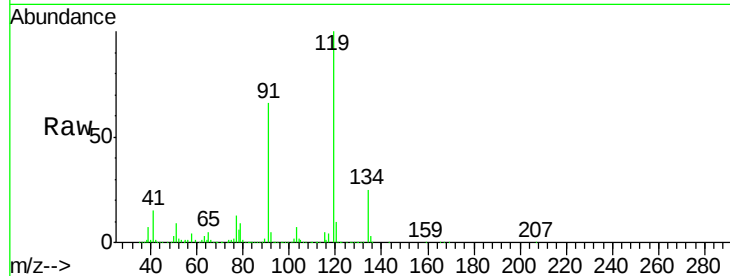
#83
 tert-Butylbenzene
 Concen: 54.289 ug/l
 RT: 13.20 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.0	31.1	93.3
134	26.5	13.5	40.5

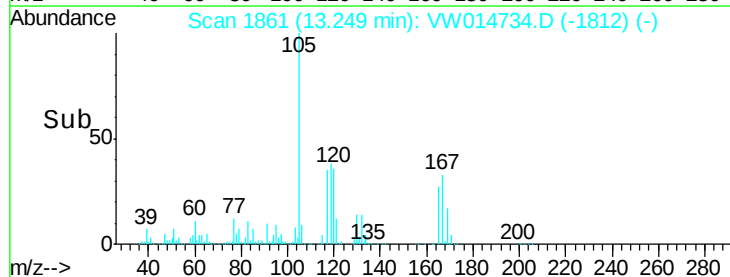
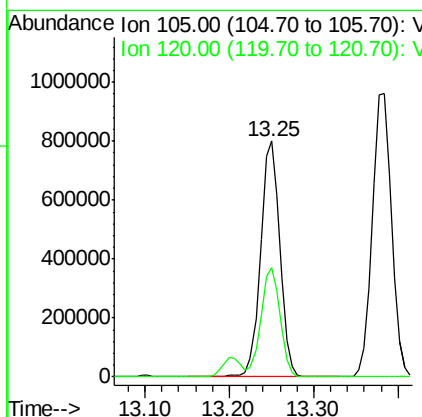
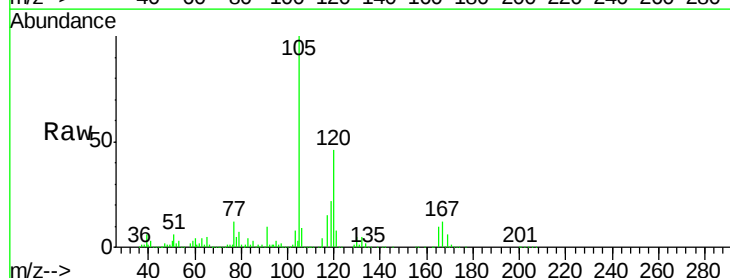
Manual Integrations
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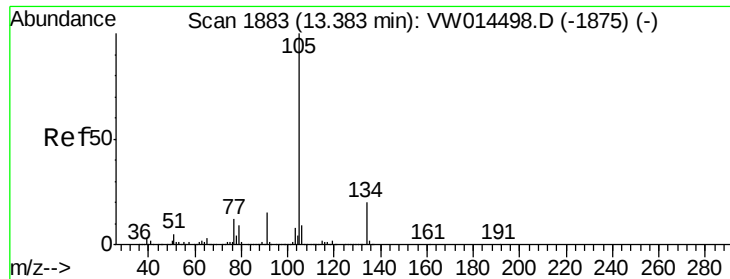
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.596 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.4	70.0





#85

sec-Butylbenzene

Concen: 54.613 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1531435

Ion Ratio Lower Upper

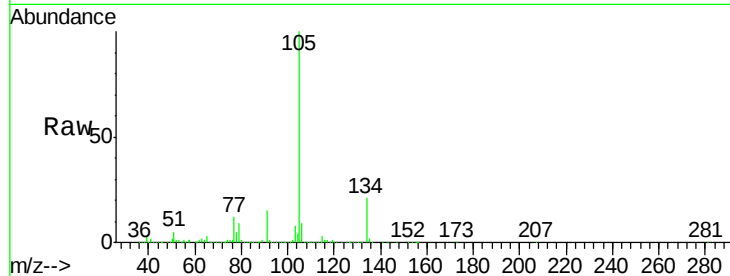
105 100

134 20.1 10.2 30.6

Manual Integrations
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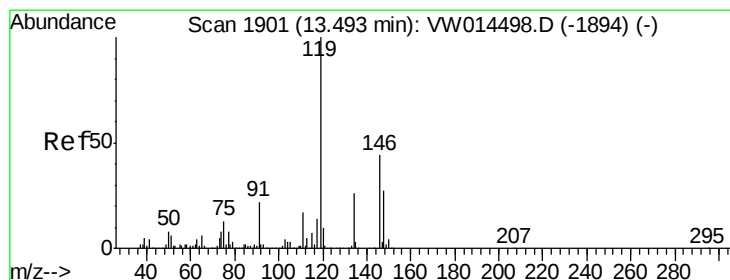
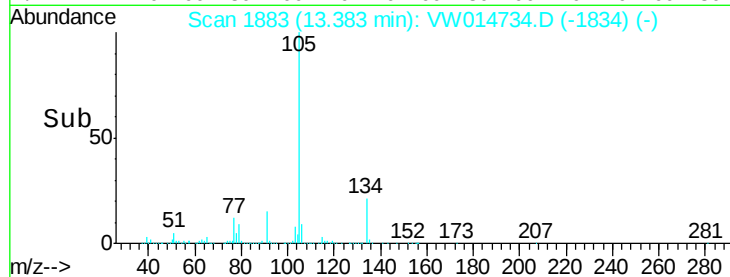
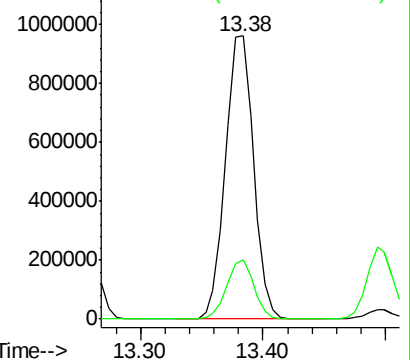
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.046 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

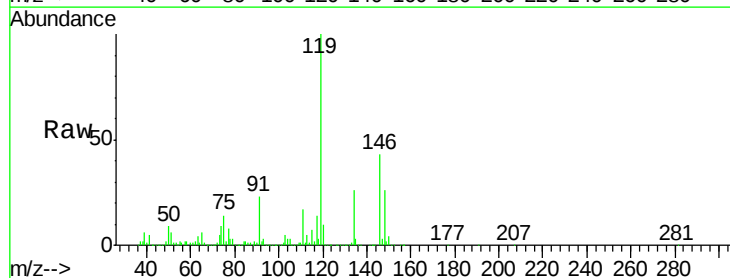
Tgt Ion:119 Resp: 1381406

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

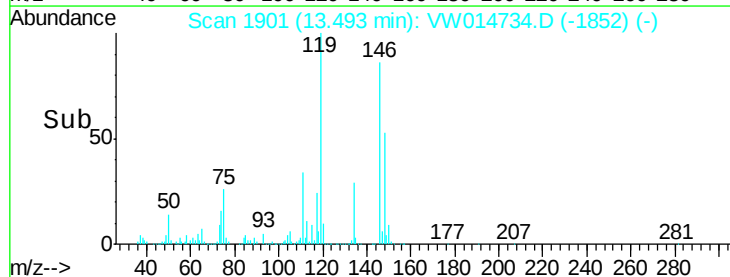
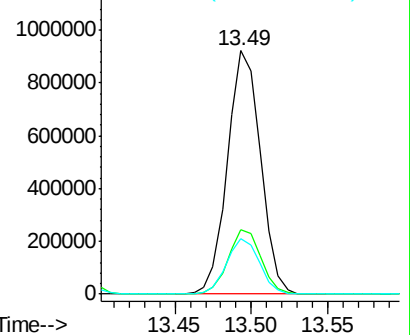
91 22.7 11.1 33.3

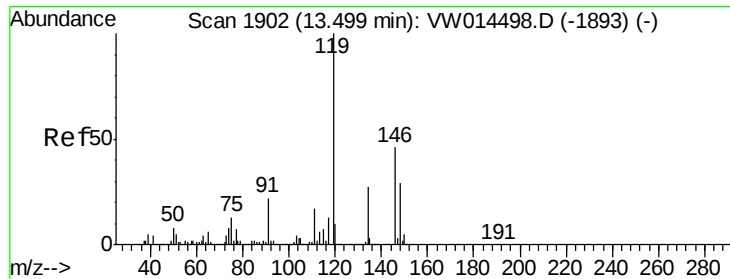


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 53.336 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

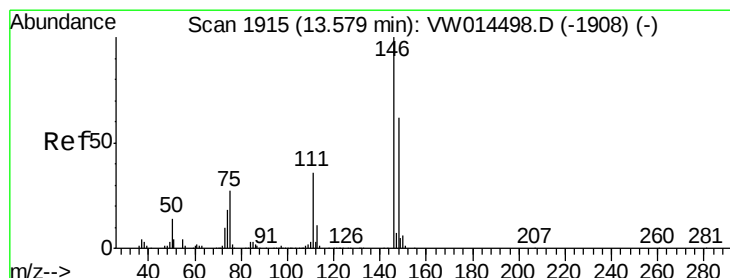
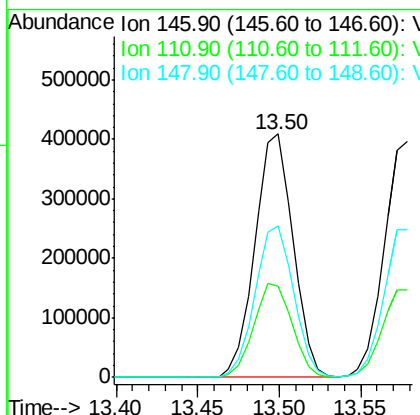
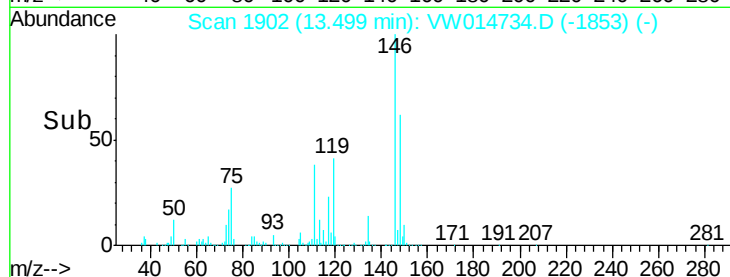
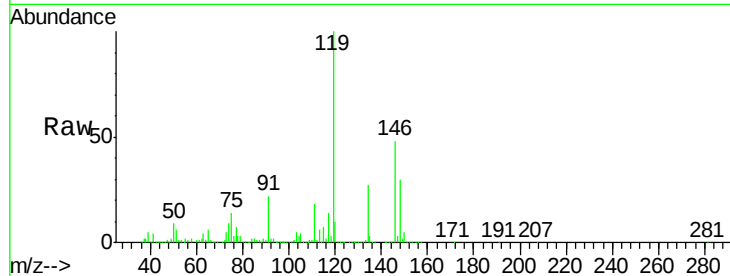
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.3	57.9
148	62.9	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 52.525 ug/l

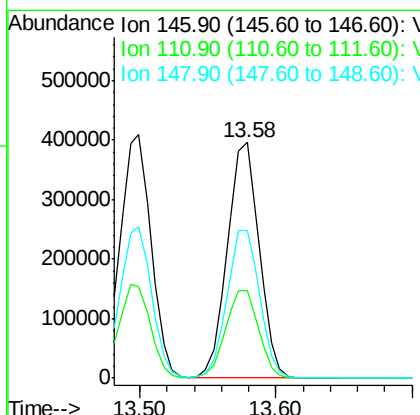
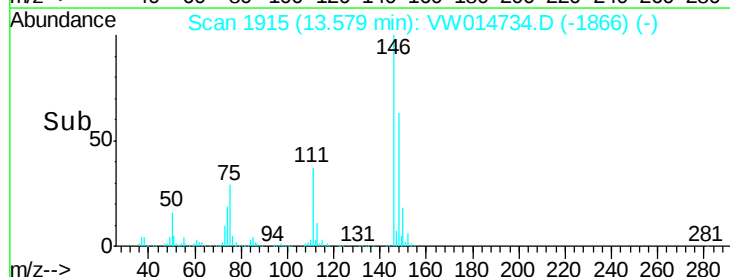
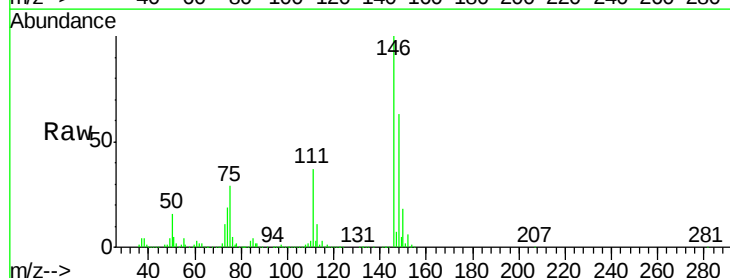
RT: 13.58 min Scan# 1915

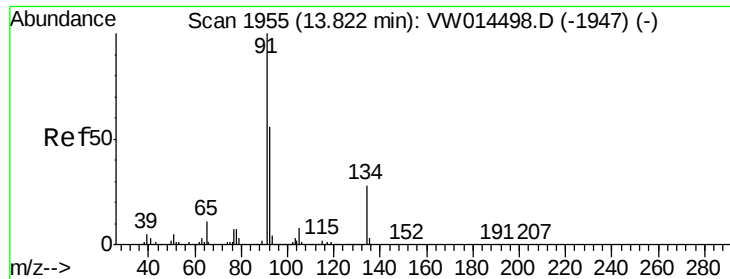
Delta R.T. 0.00 min

Lab File: VW014734.D

Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	64.2	31.7	95.1





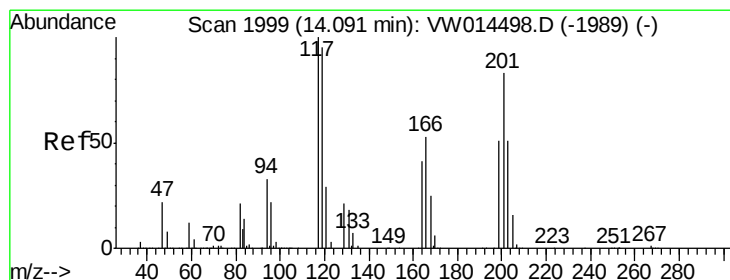
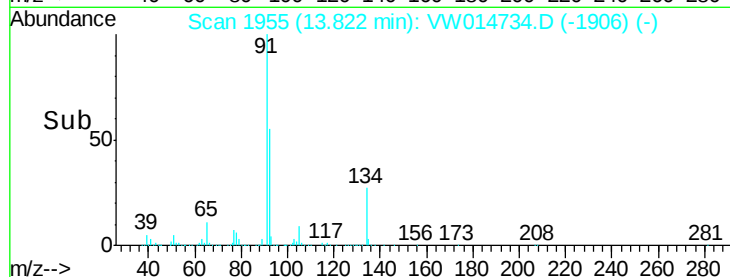
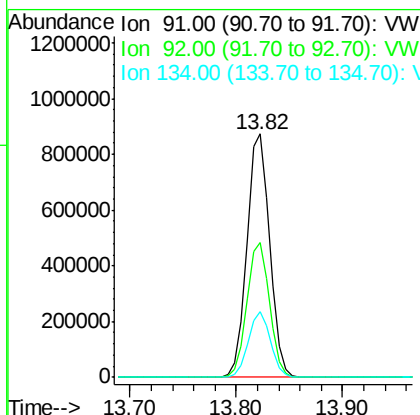
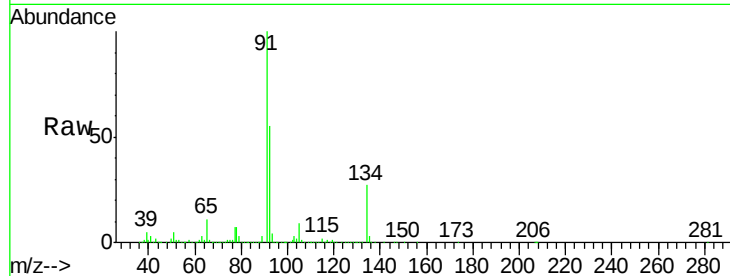
#89
n-Butylbenzene
Concen: 55.272 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.5	82.5
134	26.3	13.7	41.1

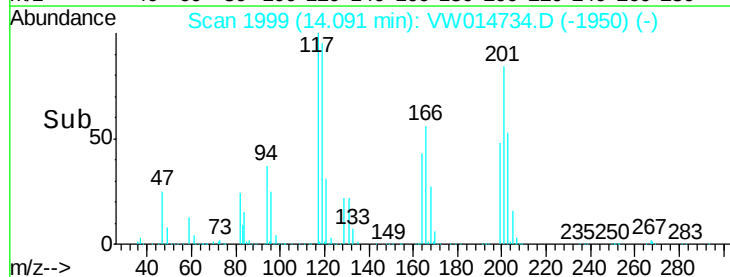
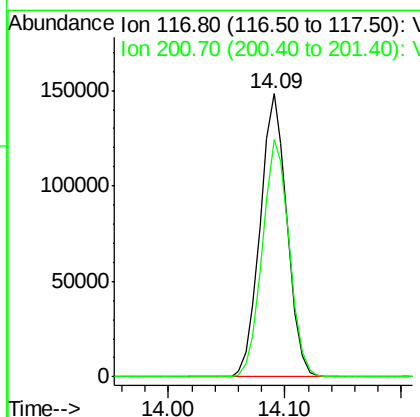
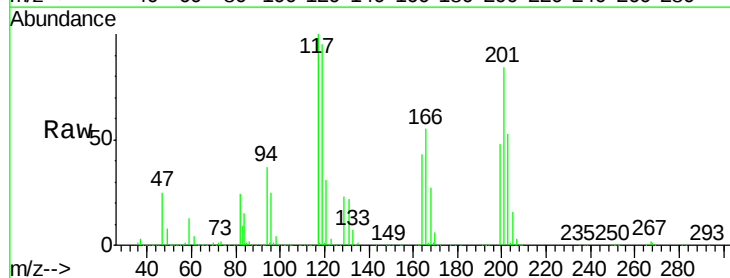
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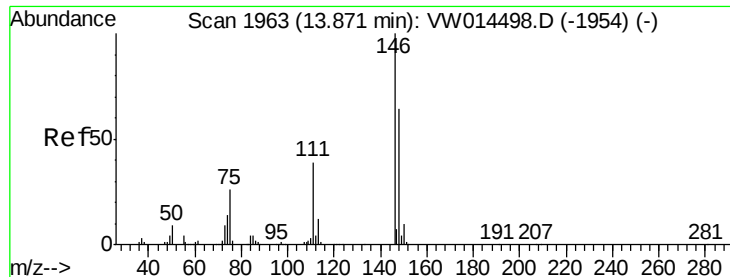
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#90
Hexachloroethane
Concen: 53.281 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.8	43.0	128.8





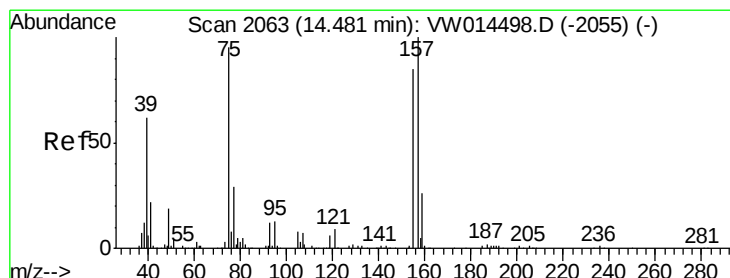
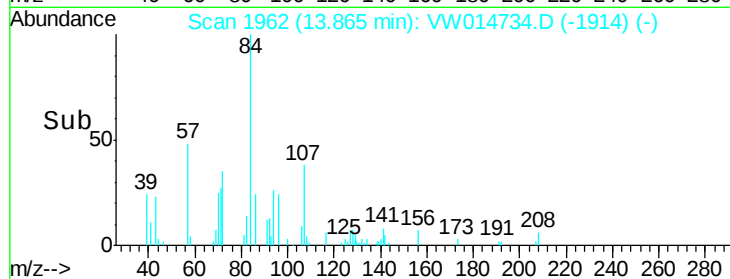
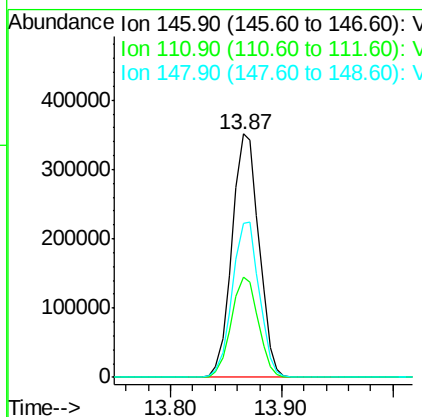
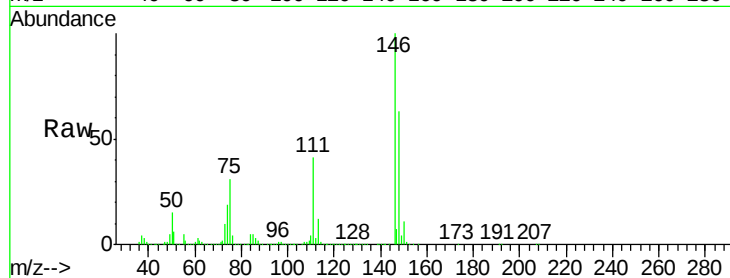
#91
 1,2-Dichlorobenzene
 Concen: 53.823 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.3
148	63.6	32.3	96.8

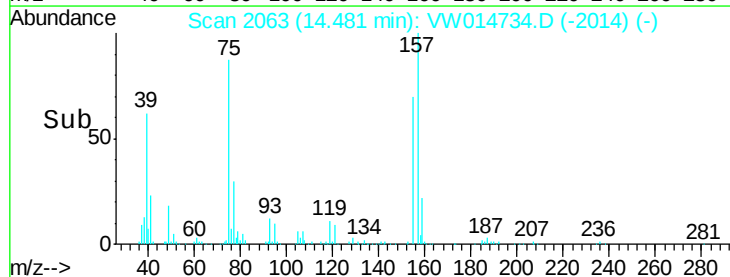
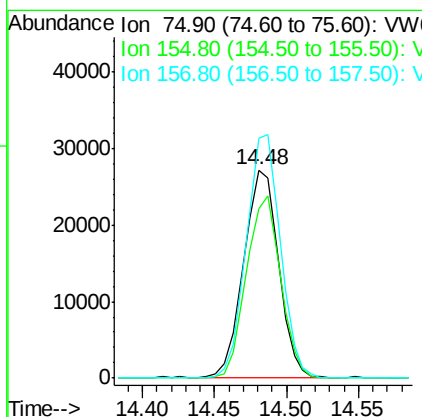
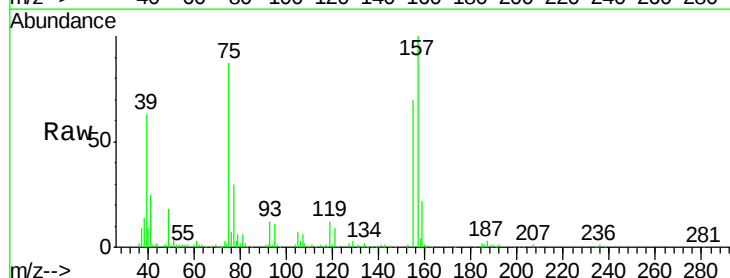
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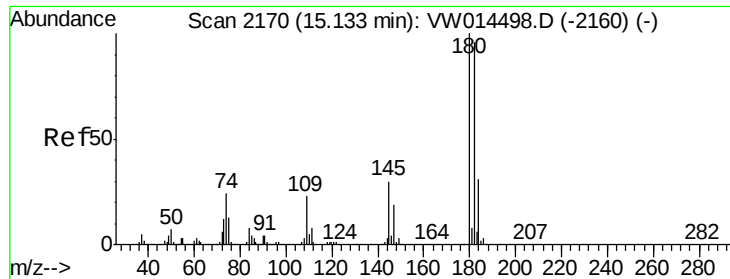
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.072 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	45.8	137.4
157	114.0	58.1	174.2





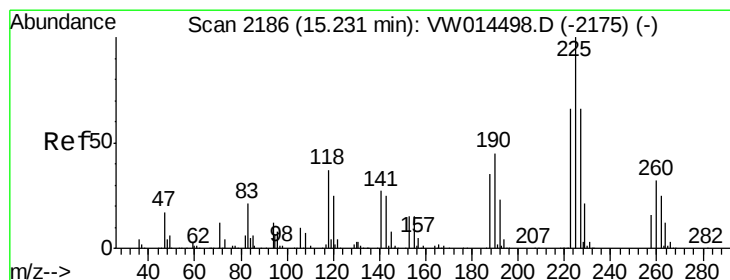
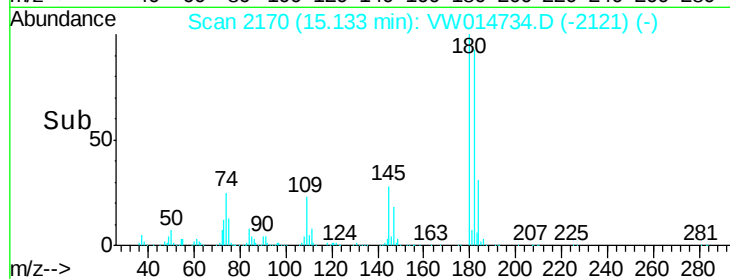
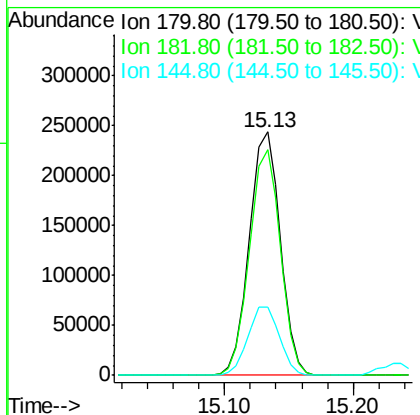
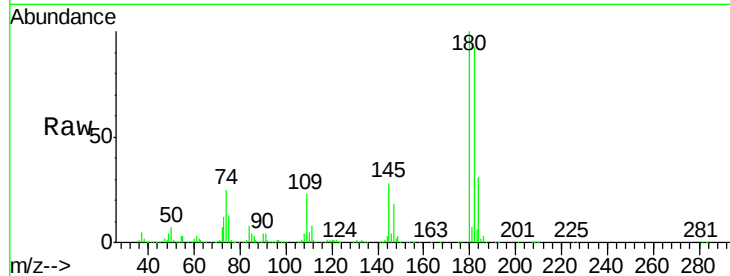
#93
 1,2,4-Trichlorobenzene
 Concen: 54.621 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	403504		
182	92.8	47.3	141.8	
145	28.9	14.7	44.1	

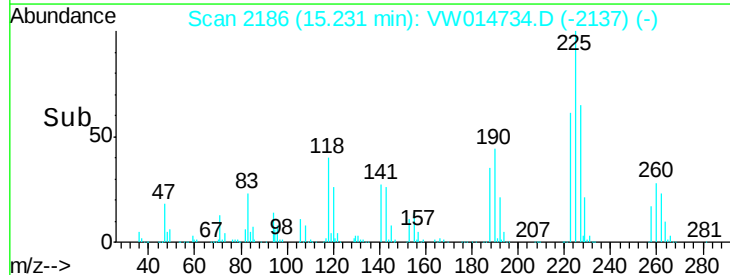
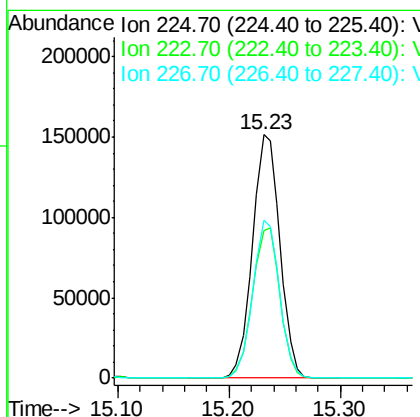
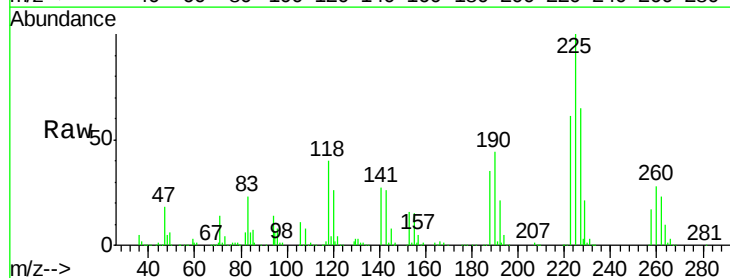
Manual Integrations
 APPROVED

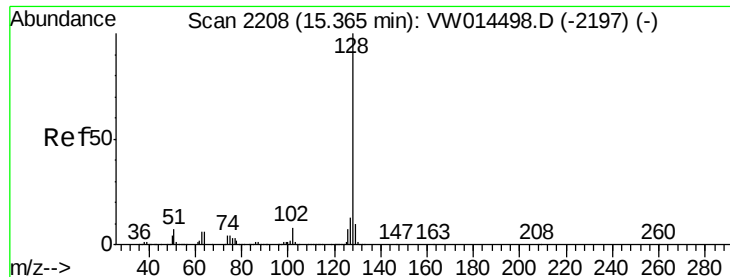
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 52.543 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW014734.D
 Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	260122		
223	61.7	32.4	97.2	
227	63.1	32.6	97.8	





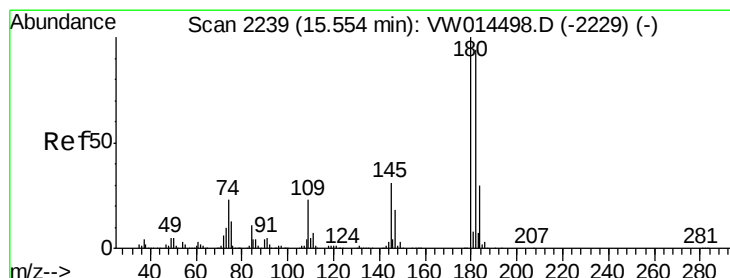
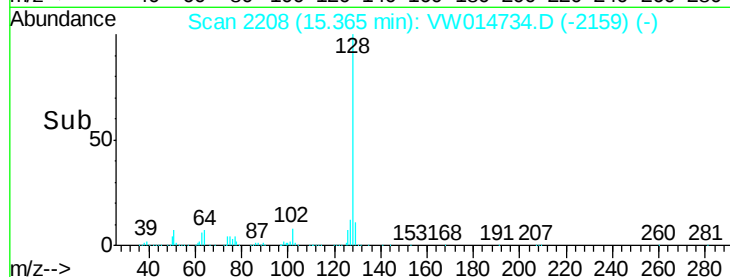
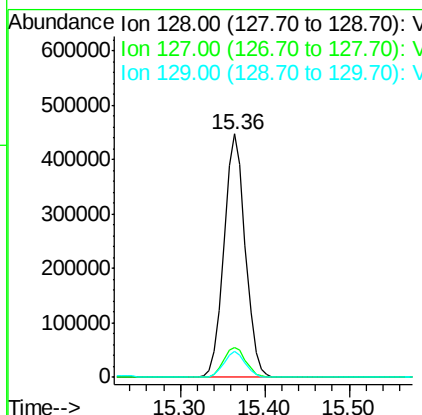
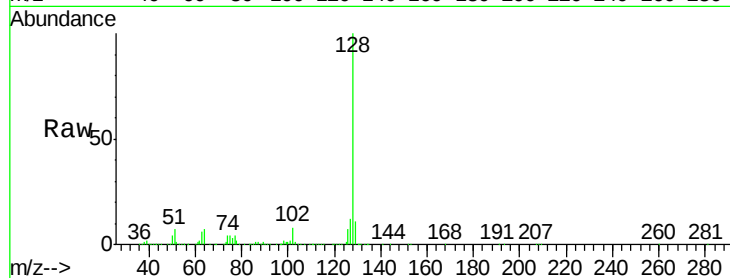
#95
Naphthalene
Concen: 61.100 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.8	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 53.711 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW014734.D
Acq: 23 Jan 2020 19:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.2
145	31.4	15.5	46.5

