

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014498.D
 Acq On : 03 Jan 2020 14:48
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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apatel
 1/6/2020 10:43:19 AM

Quant Time: Jan 03 15:26:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 15:15:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	841643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1246785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1074877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	539902	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	371565	57.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.20%	
35) Dibromofluoromethane	7.88	113	360447	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	10.32	98	1490414	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.62	95	506928	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	224685	49.305	ug/l	100
3) Chloromethane	2.21	50	248584	50.654	ug/l	100
4) Vinyl Chloride	2.36	62	407779	54.980	ug/l	100
5) Bromomethane	2.77	94	253642	52.397	ug/l	100
6) Chloroethane	2.92	64	239092	53.777	ug/l	100
7) Trichlorofluoromethane	3.25	101	211190	47.185	ug/l	100
8) Diethyl Ether	3.67	74	214018	56.984	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	392612	52.880	ug/l	100
10) Methyl Iodide	4.27	142	597962	50.092	ug/l	100
11) Tert butyl alcohol	5.16	59	153406	363.169	ug/l	100
12) 1,1-Dichloroethene	4.04	96	412956	53.724	ug/l	100
13) Acrolein	3.89	56	172923	363.610	ug/l	100
14) Allyl chloride	4.66	41	641738	54.230	ug/l	100
15) Acrylonitrile	5.36	53	524205	329.145	ug/l	100
16) Acetone	4.12	43	532381	364.051	ug/l	100
17) Carbon Disulfide	4.39	76	1246149	56.023	ug/l	100
18) Methyl Acetate	4.67	43	265830	66.459	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	537383	57.408	ug/l	100
20) Methylene Chloride	4.91	84	425279	49.344	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	440280	53.395	ug/l	100
22) Diisopropyl ether	6.31	45	1201873	55.511	ug/l	100
23) Vinyl Acetate	6.25	43	3856760	301.101	ug/l	100
24) 1,1-Dichloroethane	6.21	63	744779	54.463	ug/l	100
25) 2-Butanone	7.17	43	723950	345.506	ug/l	100
26) 2,2-Dichloropropane	7.17	77	393134	50.129	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	462452	52.898	ug/l	100
28) Bromochloromethane	7.51	49	297802	64.917	ug/l	100
29) Tetrahydrofuran	7.52	42	447714	344.731	ug/l	100
30) Chloroform	7.67	83	695935	51.817	ug/l	100
31) Cyclohexane	7.95	56	743727	52.012	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	564328	53.349	ug/l	100
36) 1,1-Dichloropropene	8.08	75	602666	51.540	ug/l	100
37) Ethyl Acetate	7.24	43	296080	62.465	ug/l	100
38) Carbon Tetrachloride	8.07	117	521664	49.848	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	773247	51.448	ug/l	100
40) Benzene	8.32	78	1689536	51.132	ug/l	100
41) Methacrylonitrile	7.48	41	163830	56.501	ug/l	100
42) 1,2-Dichloroethane	8.40	62	445546	53.066	ug/l	100
43) Isopropyl Acetate	8.42	43	530495	59.659	ug/l	100
44) Trichloroethene	9.09	130	453146	48.446	ug/l	100
45) 1,2-Dichloropropane	9.37	63	417745	52.675	ug/l	100
46) Dibromomethane	9.46	93	212954	54.733	ug/l	100
47) Bromodichloromethane	9.64	83	517451	52.131	ug/l	100
48) Methyl methacrylate	9.43	41	263832	60.086	ug/l	100
49) 1,4-Dioxane	9.44	88	86309	1393.446	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	1414836	315.002	ug/l	100
52) Toluene	10.38	92	1076756	50.727	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	549482	54.297	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	662119	53.237	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	310062	53.536	ug/l	100
56) Ethyl methacrylate	10.64	69	431656	58.760	ug/l	100
57) 1,3-Dichloropropane	10.93	76	543133	54.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	650832	207.586	ug/l	100
59) 2-Hexanone	10.96	43	1000514	323.705	ug/l	100
60) Dibromochloromethane	11.13	129	350162	51.593	ug/l	100
61) 1,2-Dibromoethane	11.23	107	297768	54.263	ug/l	100
64) Tetrachloroethene	10.86	164	384322	47.233	ug/l	100
65) Chlorobenzene	11.66	112	1098824	49.769	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	376393	49.074	ug/l	100
67) Ethyl Benzene	11.73	91	2006806	50.425	ug/l	100
68) m/p-Xylenes	11.83	106	1533535	99.835	ug/l	100
69) o-Xylene	12.16	106	706966	50.065	ug/l	100
70) Styrene	12.18	104	1221970	50.482	ug/l	100
71) Bromoform	12.35	173	212921	52.107	ug/l #	100
73) Isopropylbenzene	12.46	105	1968096	50.680	ug/l	100
74) N-amyl acetate	12.27	43	477939	60.865	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	370335	58.091	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	282188m	67.076	ug/l	
77) Bromobenzene	12.74	156	457088	49.427	ug/l	100
78) n-propylbenzene	12.80	91	2311957	51.334	ug/l	100
79) 2-Chlorotoluene	12.89	91	1300629	51.327	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1647709	50.432	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	124742	58.445	ug/l	100
82) 4-Chlorotoluene	12.99	91	1348011	50.847	ug/l	100
83) tert-Butylbenzene	13.21	119	1448644	49.980	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1643270	50.897	ug/l	100
85) sec-Butylbenzene	13.38	105	1995571	50.255	ug/l	100
86) p-Isopropyltoluene	13.49	119	1830321	49.641	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	881417	49.281	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	870880	48.918	ug/l	100
89) n-Butylbenzene	13.82	91	1722930	51.514	ug/l	100
90) Hexachloroethane	14.09	117	318699	49.778	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	772600	49.632	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	59924	61.206	ug/l	100

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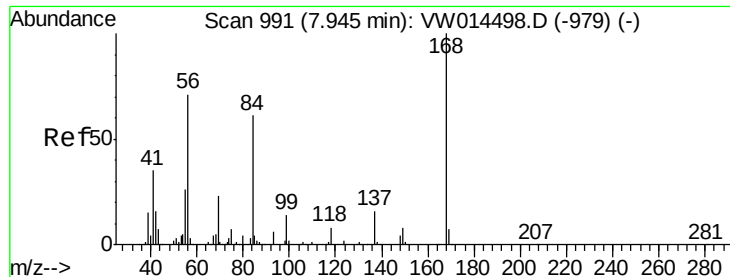
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	554559	49.254	ug/l	100
94) Hexachlorobutadiene	15.23	225	348892	46.181	ug/l	100
95) Naphthalene	15.36	128	1030137	56.842	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	487358	50.055	ug/l	100

(#) = 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: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 841643

Ion Ratio Lower Upper

168 100

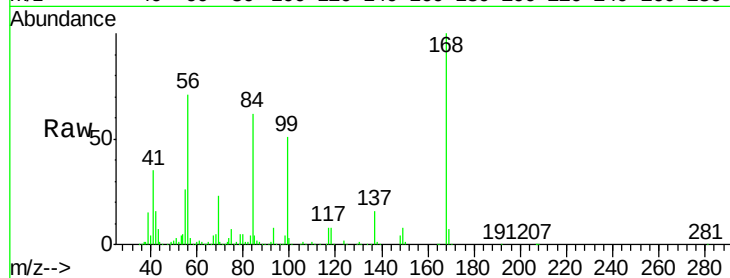
99 51.4 41.1 61.7

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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

400000

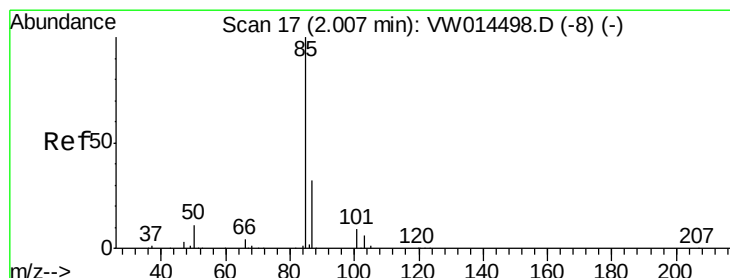
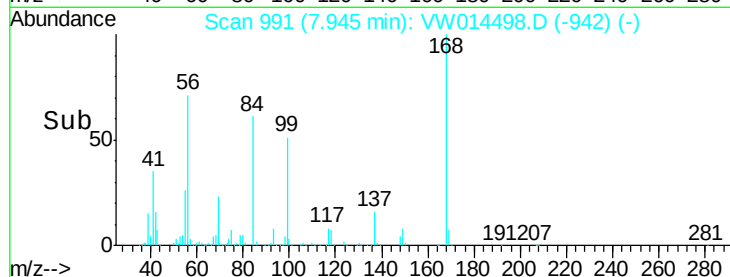
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.305 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014498.D

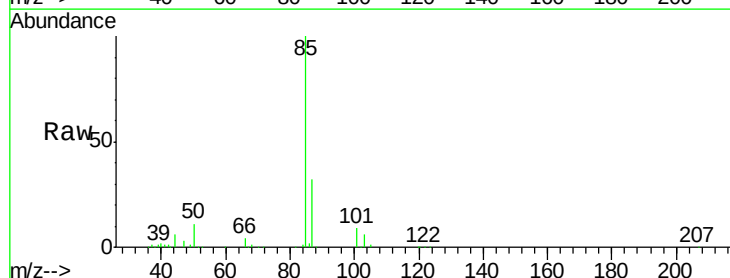
Acq: 03 Jan 2020 14:48

Tgt Ion: 85 Resp: 224685

Ion Ratio Lower Upper

85 100

87 32.3 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

80000

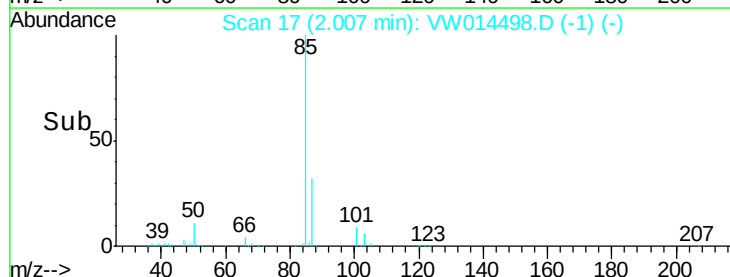
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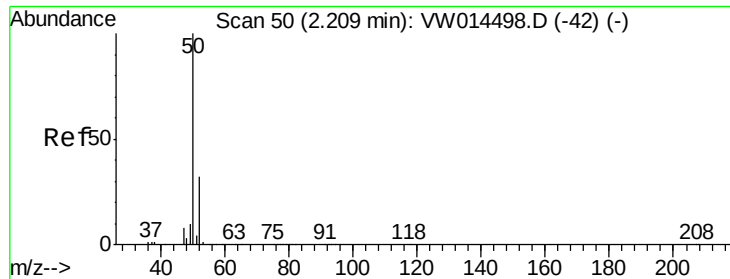
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20000

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Time-->





#3

Chloromethane

Concen: 50.654 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 248584

Ion Ratio Lower Upper

50 100

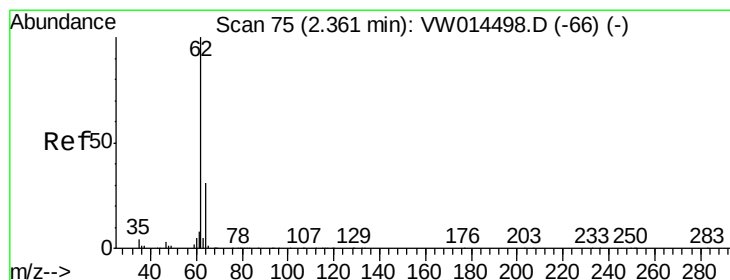
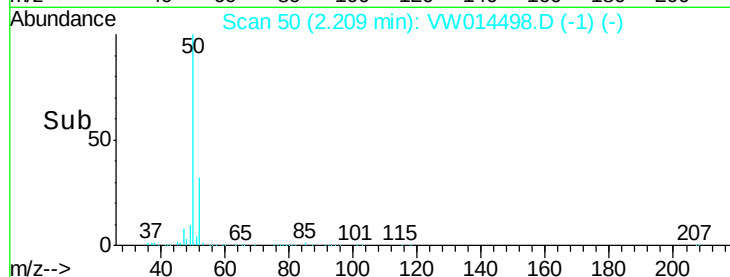
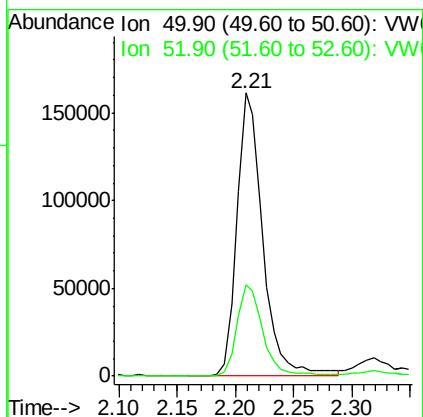
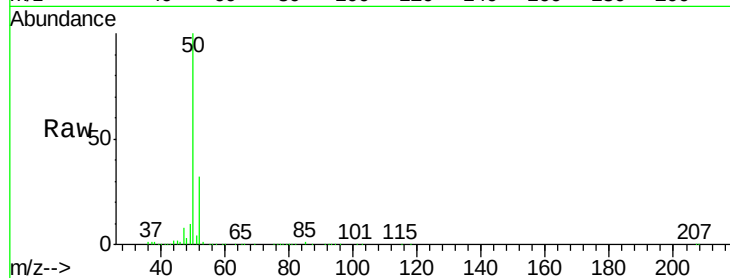
52 32.3 25.8 38.8

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#4

Vinyl Chloride

Concen: 54.980 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014498.D

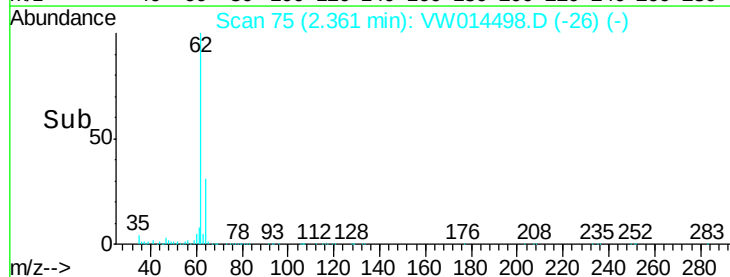
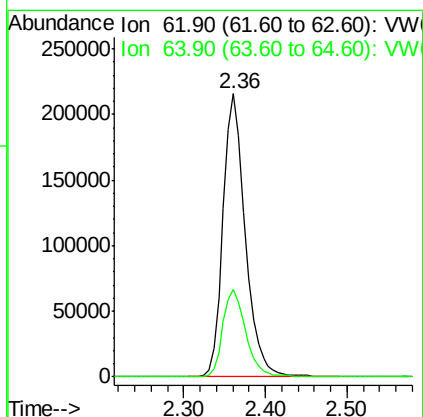
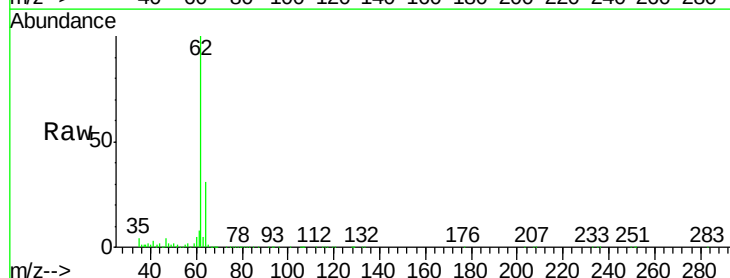
Acq: 03 Jan 2020 14:48

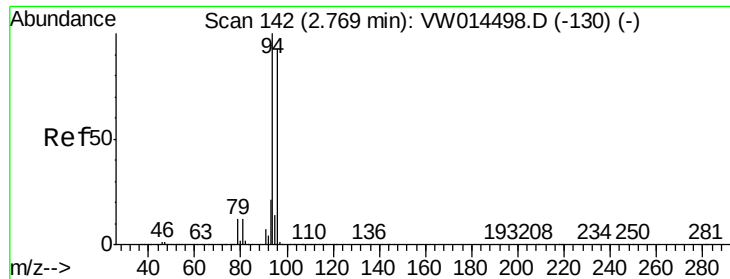
Tgt Ion: 62 Resp: 407779

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.4





#5

Bromomethane

Concen: 52.397 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 253642

Ion Ratio Lower Upper

94 100

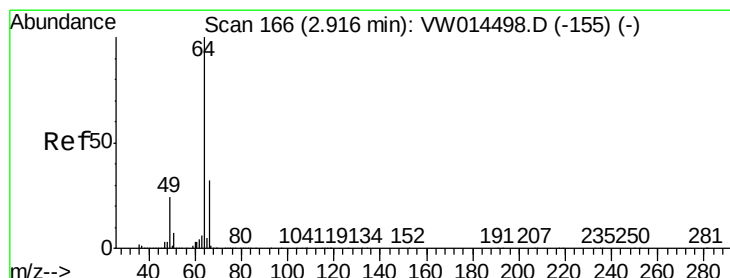
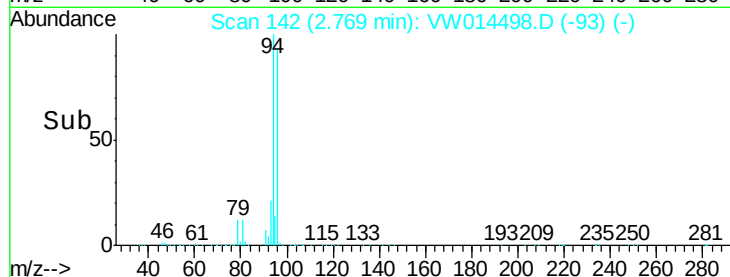
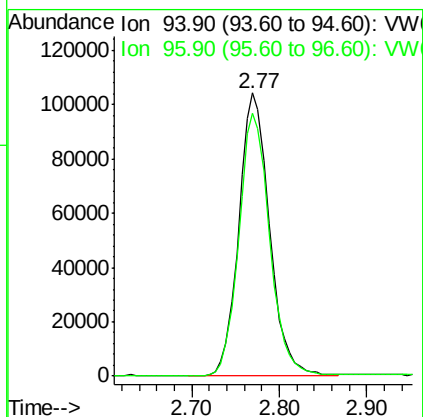
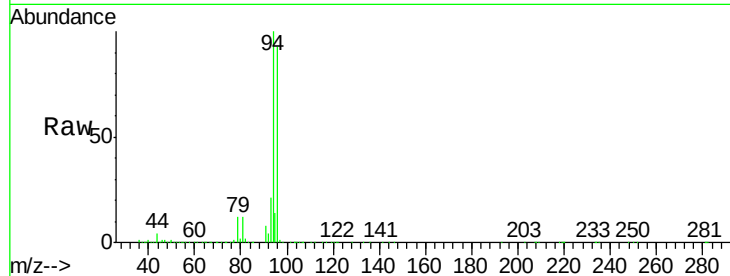
96 92.7 74.2 111.2

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#6

Chloroethane

Concen: 53.777 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW014498.D

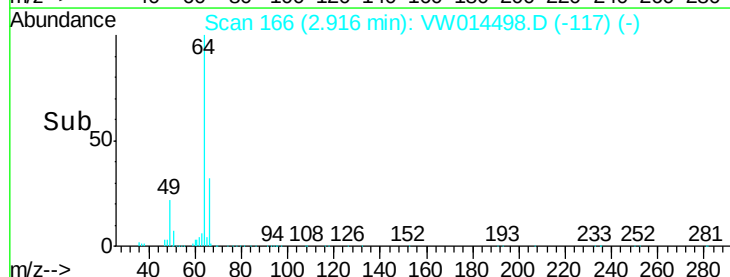
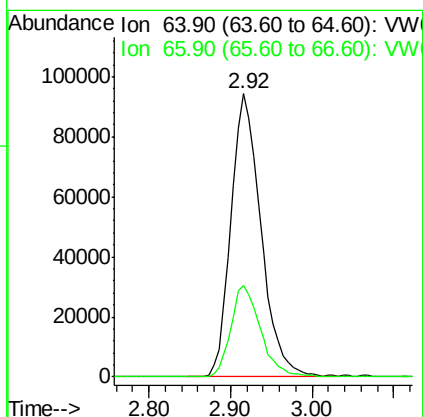
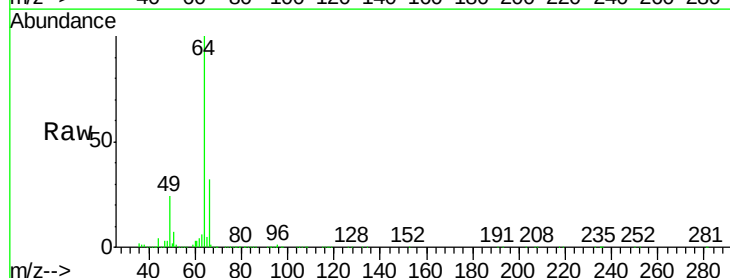
Acq: 03 Jan 2020 14:48

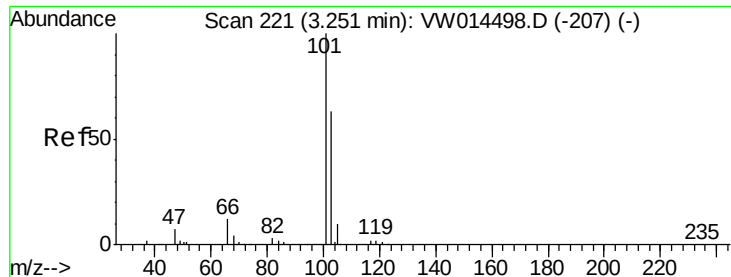
Tgt Ion: 64 Resp: 239092

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5





#7

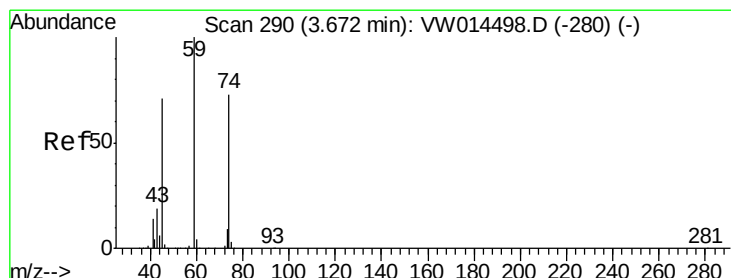
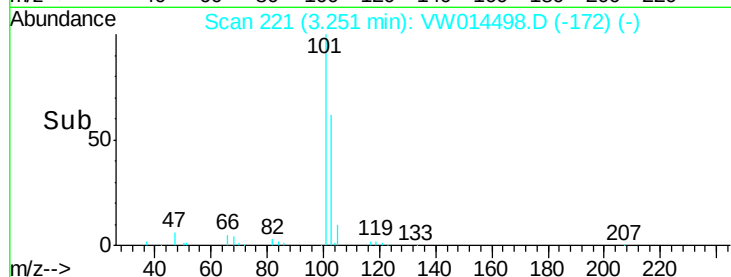
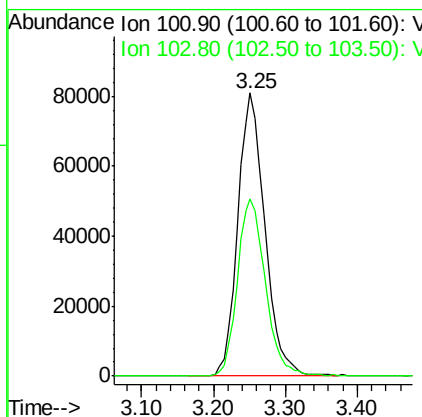
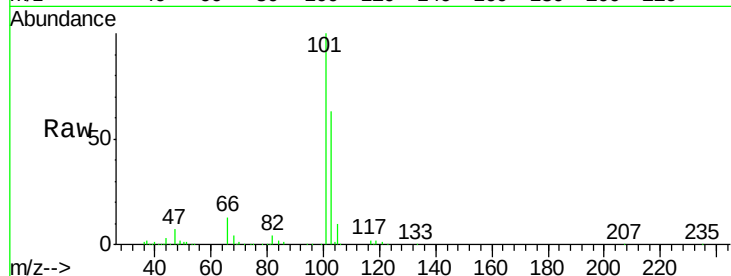
Trichlorofluoromethane
Concen: 47.185 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	211190		
103	62.6	50.1	75.1	

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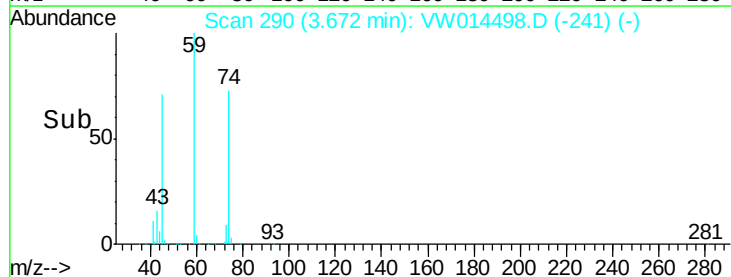
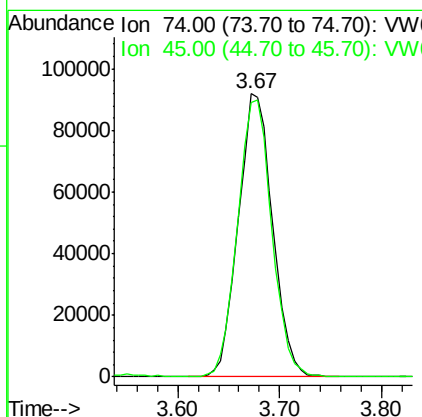
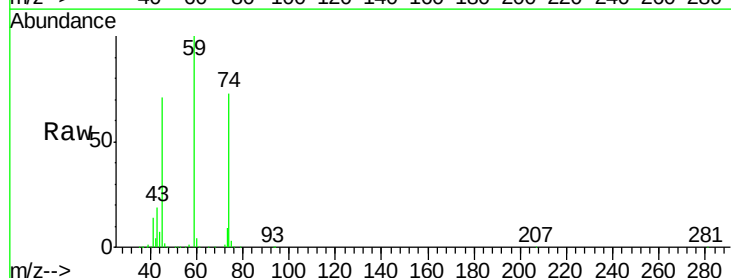
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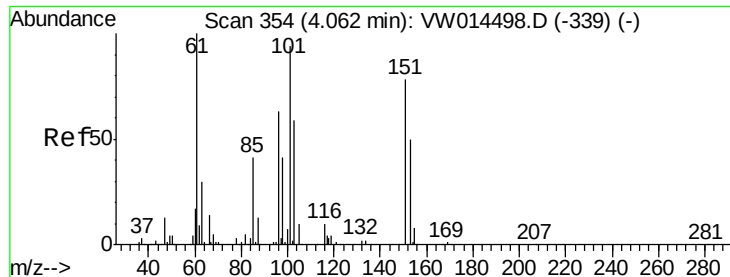


#8

Diethyl Ether
Concen: 56.984 ug/l
RT: 3.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	214018		
45	97.2	48.6	145.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.880 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

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MSVOA_W

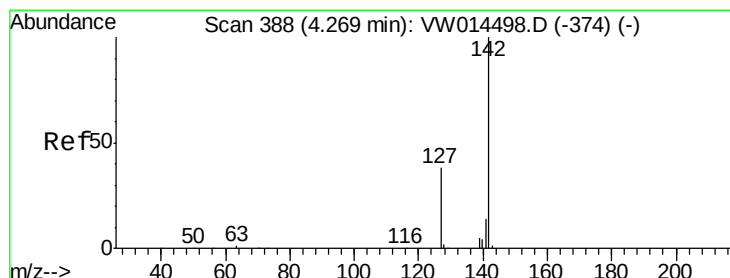
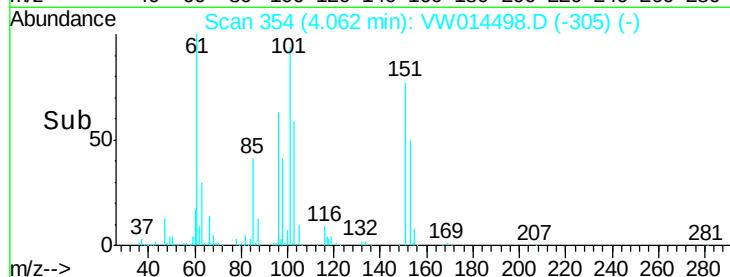
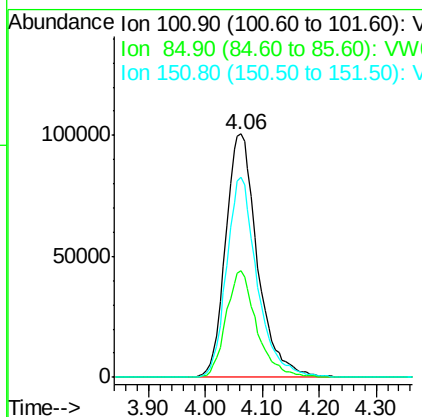
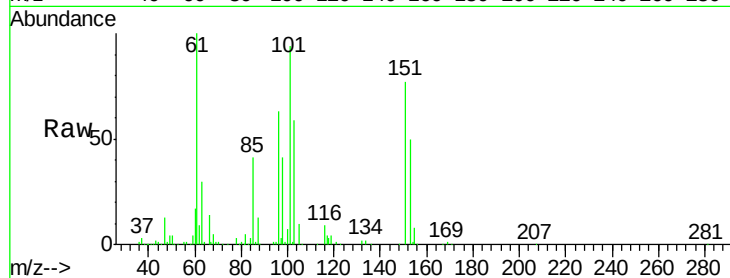
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	392612
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.7	50.5
151	79.4	63.5	95.3

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#10

Methyl Iodide

Concen: 50.092 ug/l

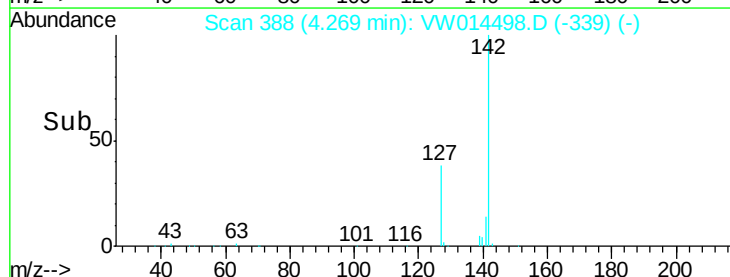
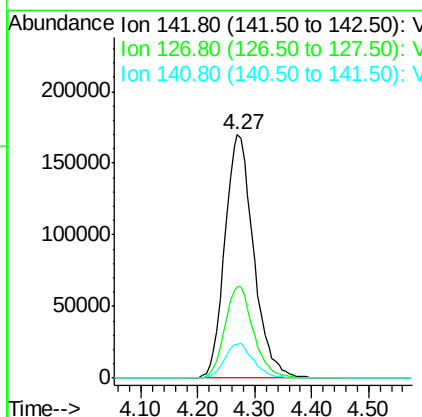
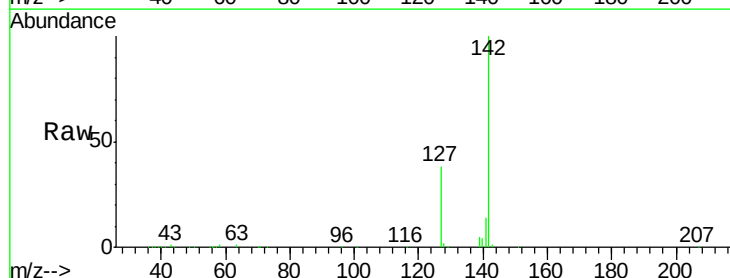
RT: 4.27 min Scan# 388

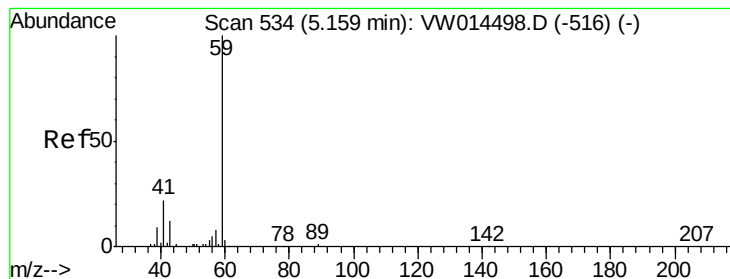
Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tgt Ion:	142	Resp:	597962
Ion Ratio	Lower	Upper	
142	100		
127	37.8	30.2	45.4
141	14.3	11.4	17.2





#11

Tert butyl alcohol

Concen: 363.169 ug/l

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 59 Resp: 153406

Ion Ratio Lower Upper

59 100

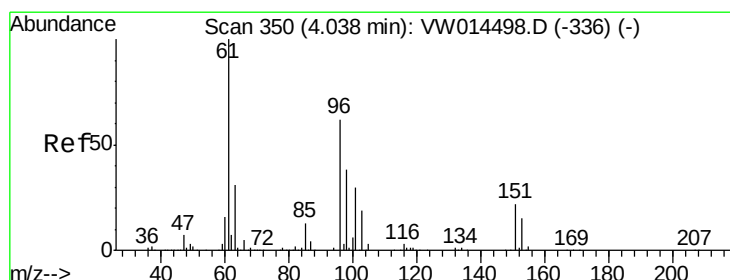
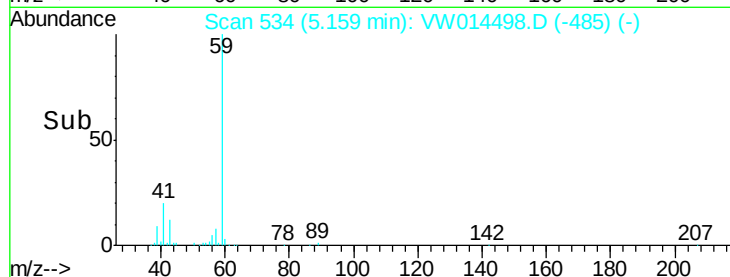
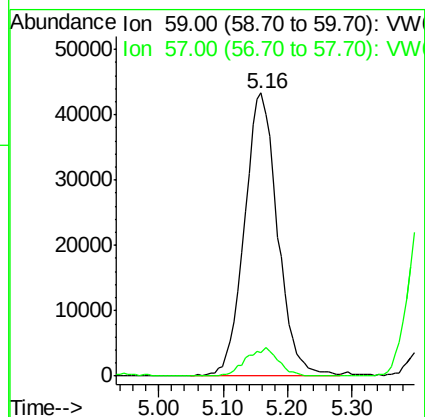
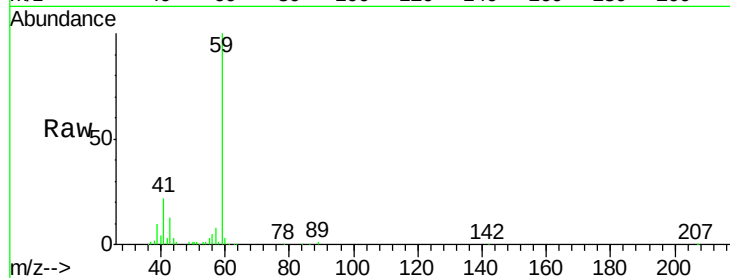
57 9.8 7.8 11.8

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#12

1,1-Dichloroethene

Concen: 53.724 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

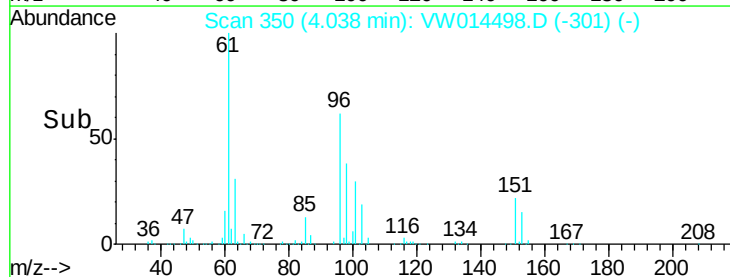
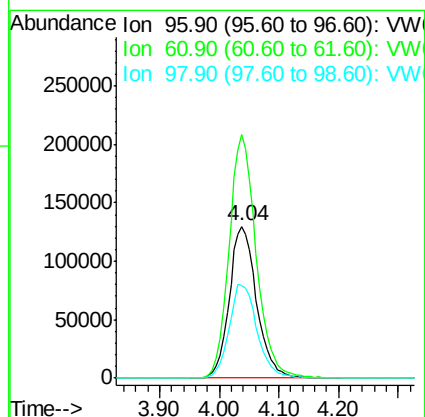
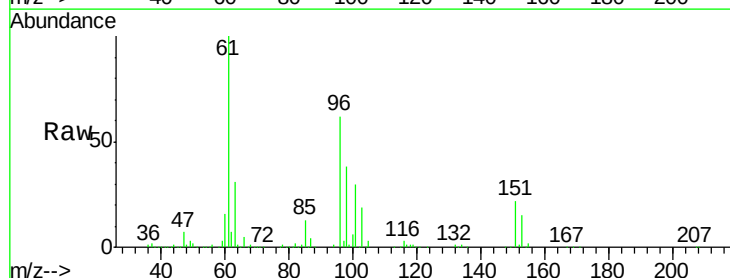
Tgt Ion: 96 Resp: 412956

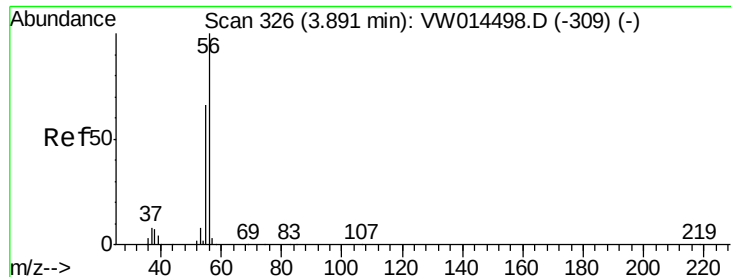
Ion Ratio Lower Upper

96 100

61 160.5 128.4 192.6

98 61.4 49.1 73.7





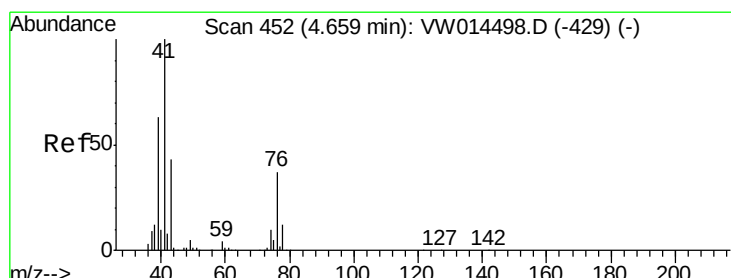
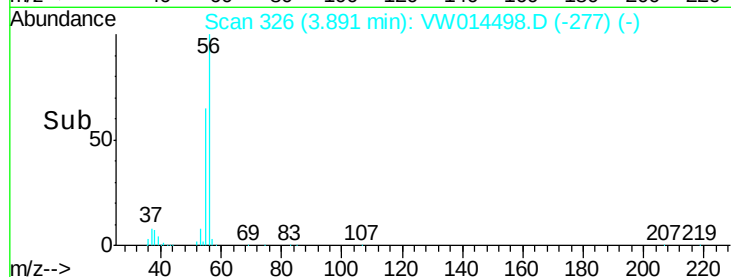
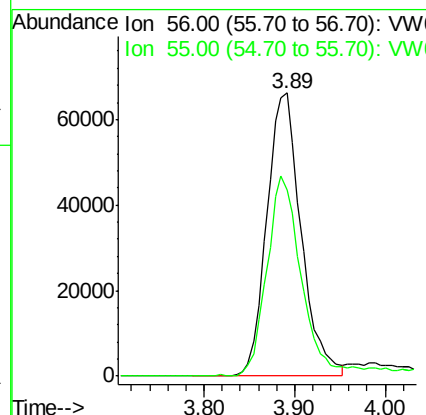
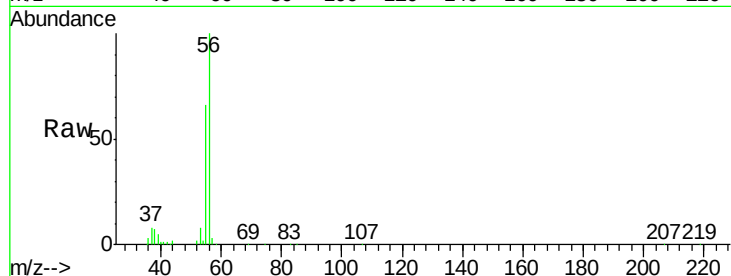
#13
Acrolein
Concen: 363.610 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.9	56.7	85.1

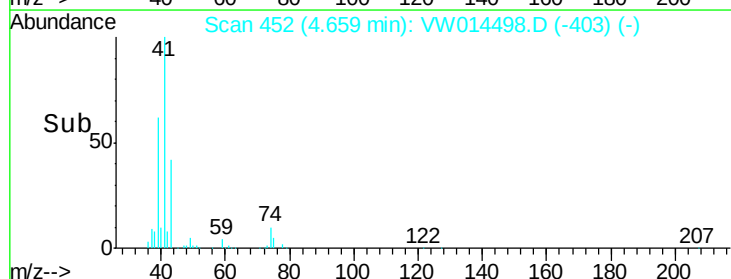
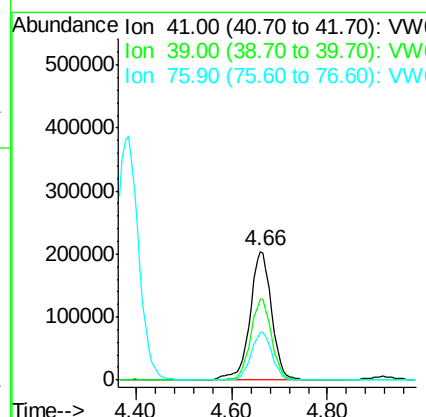
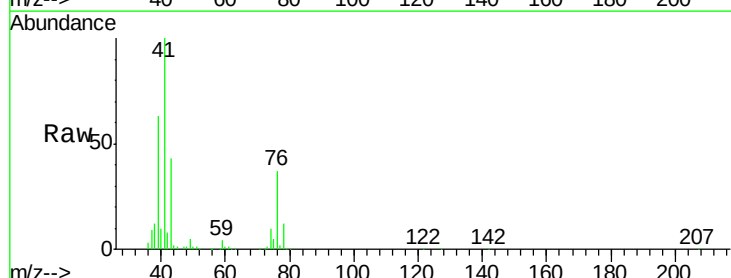
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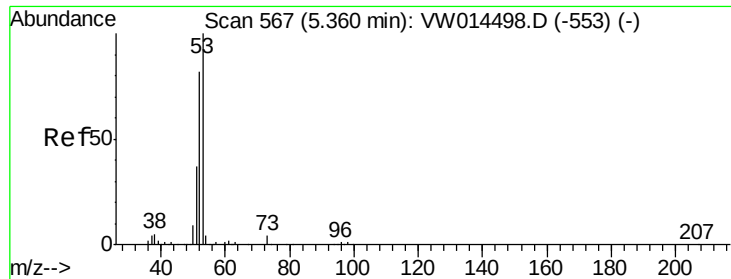
apatel
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#14
Allyl chloride
Concen: 54.230 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.6	48.5	72.7
76	35.1	28.1	42.1





#15

Acrylonitrile

Concen: 329.145 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

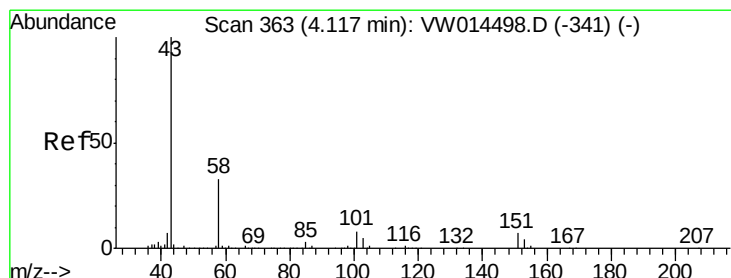
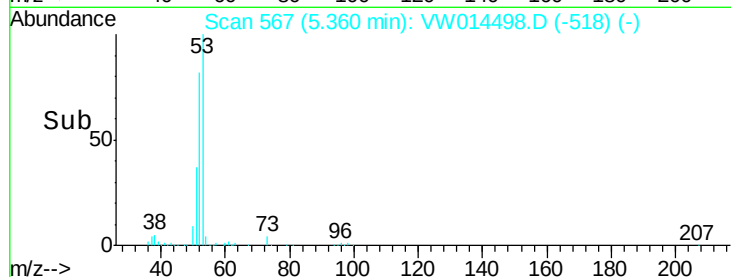
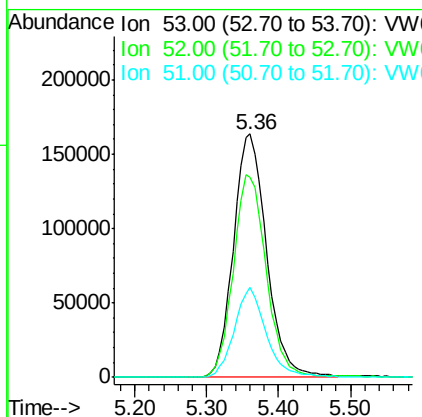
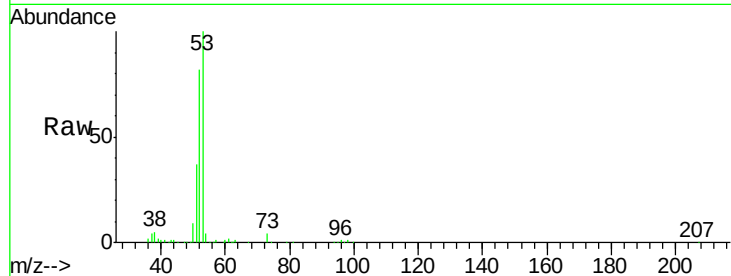
ClientSampleId :

VSTDICCC050

Tot Ion	53	Resp	524205
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.5	99.7
51	35.5	28.4	42.6

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#16

Acetone

Concen: 364.051 ug/l

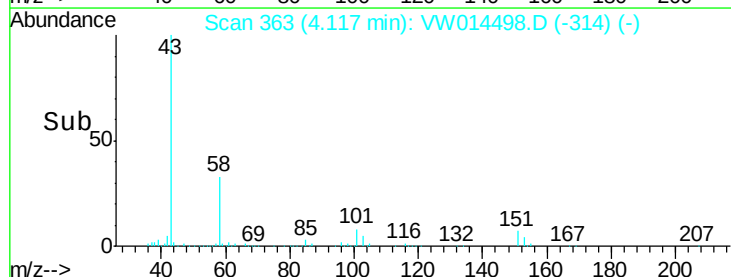
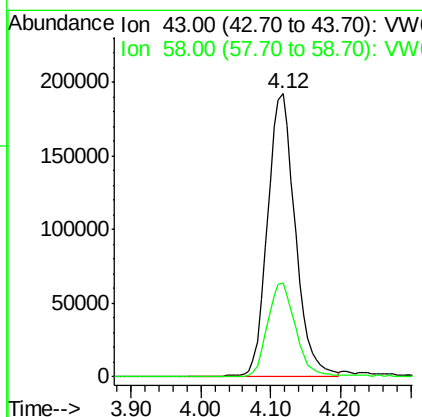
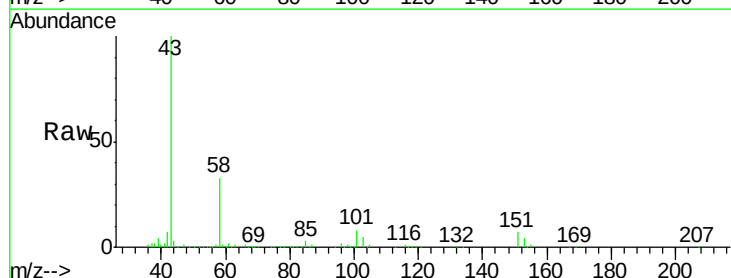
RT: 4.12 min Scan# 363

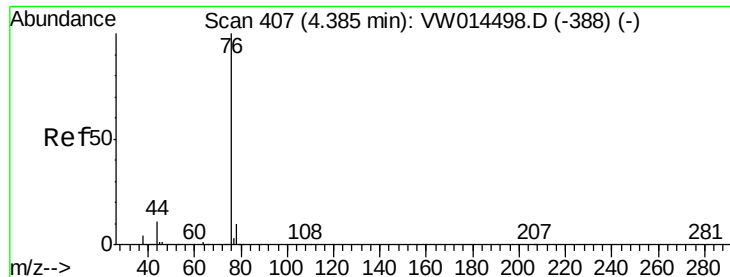
Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tgt Ion	43	Resp	532381
Ion	Ratio	Lower	Upper
43	100		
58	33.2	26.6	39.8





#17

Carbon Disulfide

Concen: 56.023 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 1246149

Ion Ratio Lower Upper

76 100

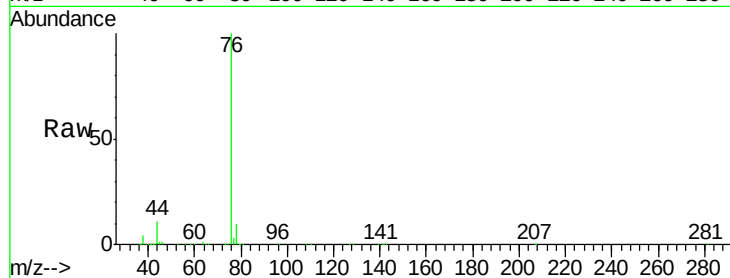
78 9.7 7.8 11.6

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

400000

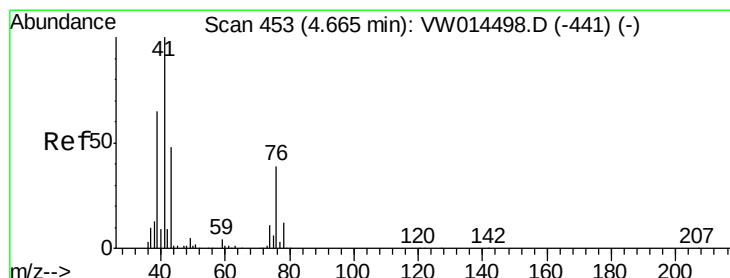
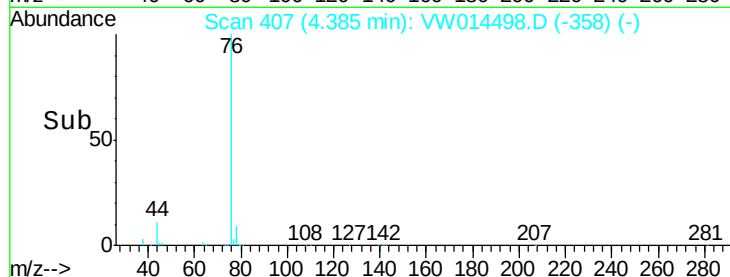
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 66.459 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW014498.D

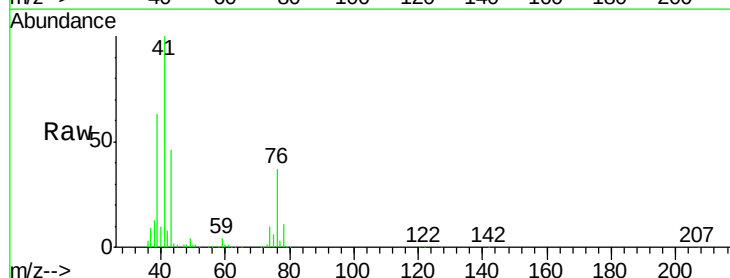
Acq: 03 Jan 2020 14:48

Tgt Ion: 43 Resp: 265830

Ion Ratio Lower Upper

43 100

74 24.1 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

100000

80000

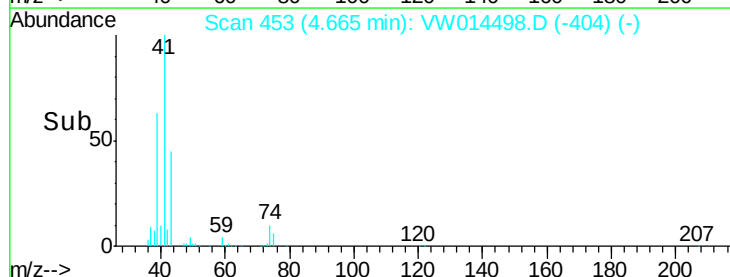
60000

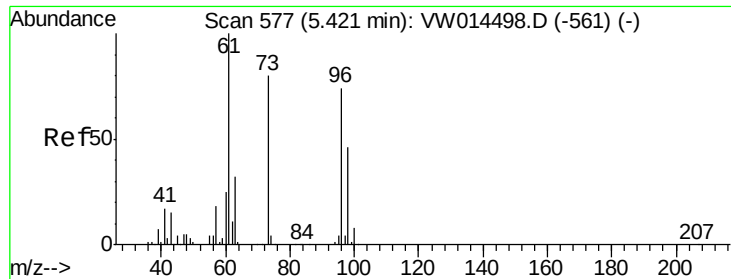
40000

20000

0

Time-->





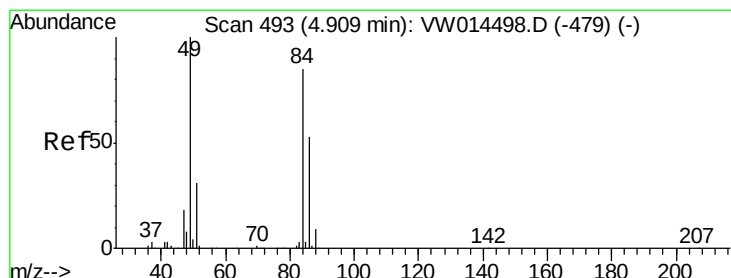
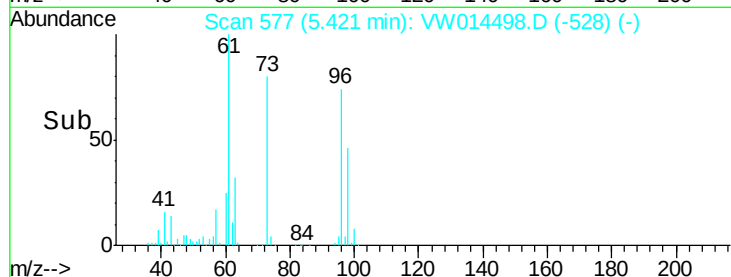
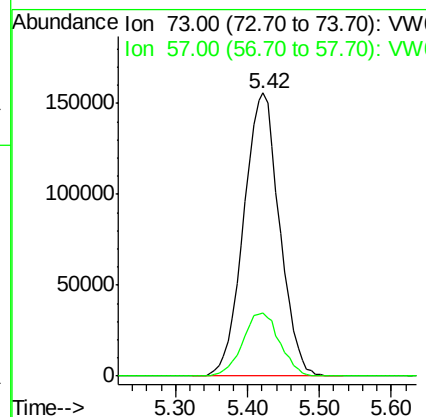
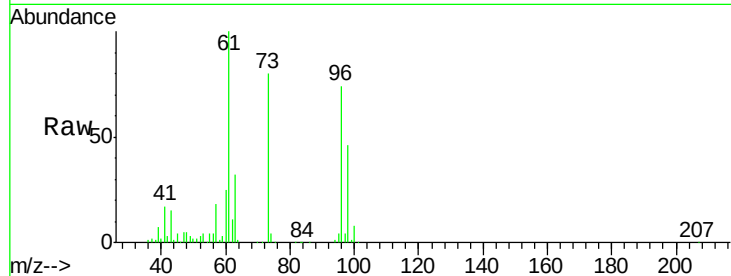
#19
Methyl tert-butyl Ether
Concen: 57.408 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.1	27.1

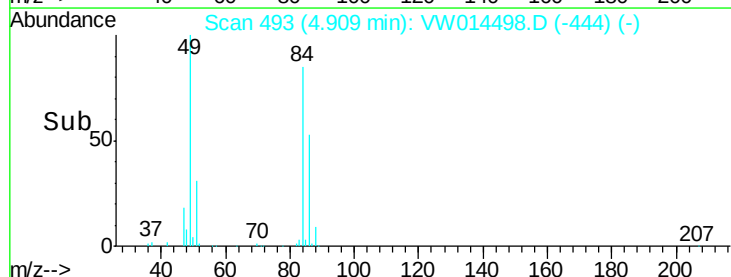
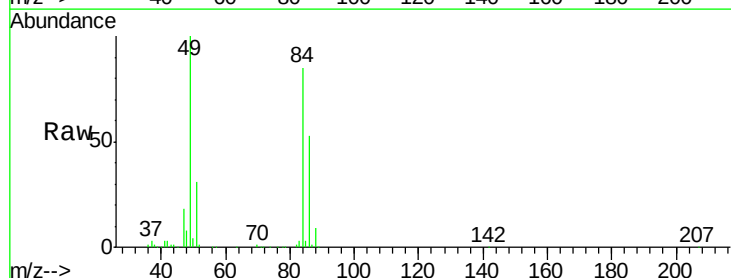
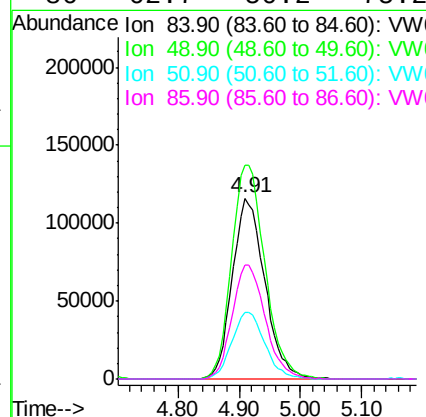
Manual Integrations
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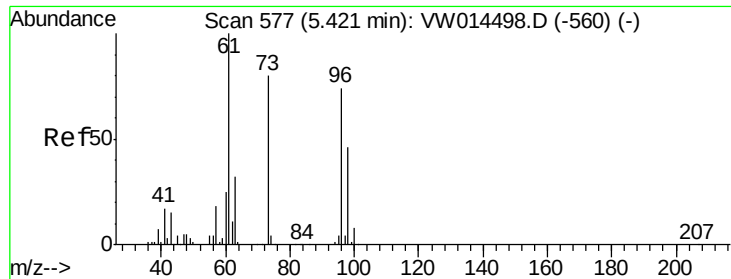
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#20
Methylene Chloride
Concen: 49.344 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.0	94.4	141.6
51	36.9	29.5	44.3
86	62.7	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 53.395 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 96 Resp: 440280

Ion Ratio Lower Upper

96 100

61 134.7 107.8 161.6

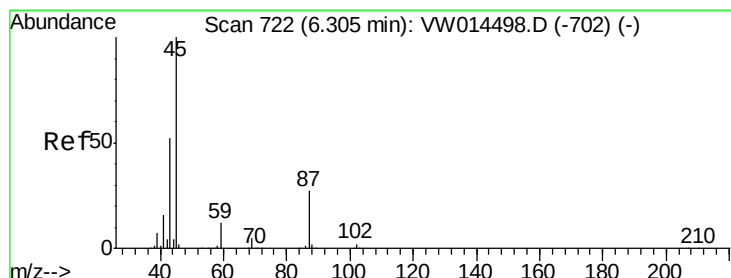
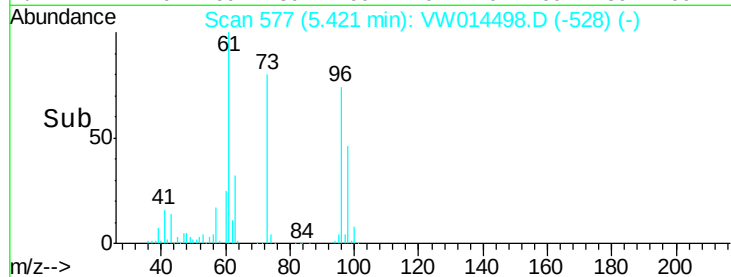
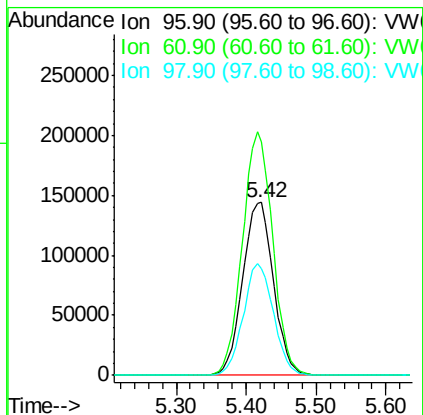
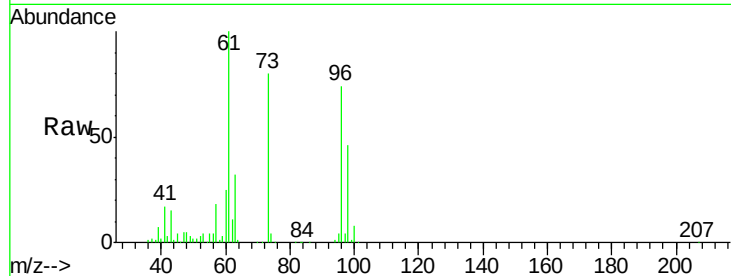
98 61.7 49.4 74.0

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#22

Diisopropyl ether

Concen: 55.511 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tgt Ion: 45 Resp: 1201873

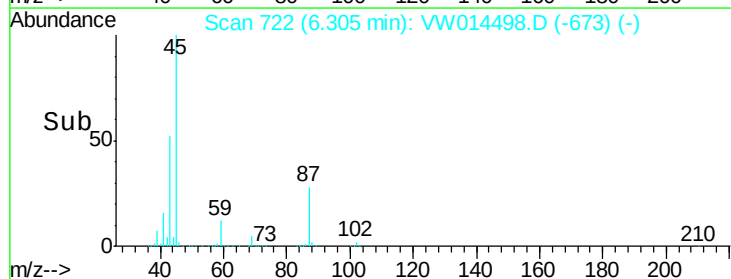
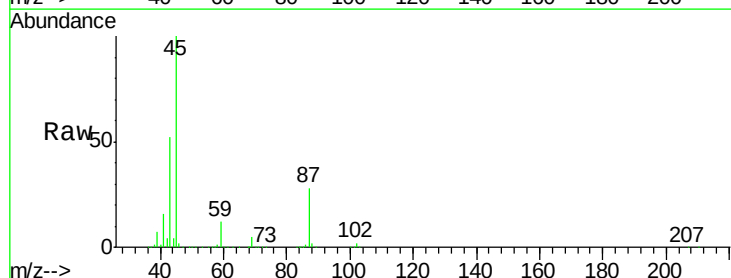
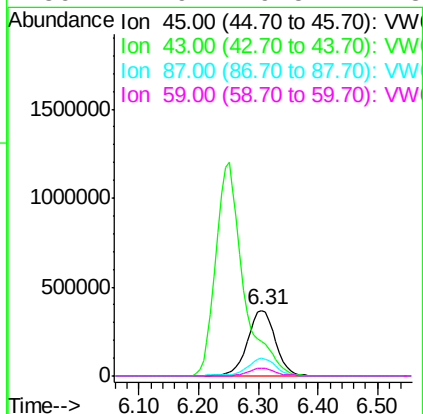
Ion Ratio Lower Upper

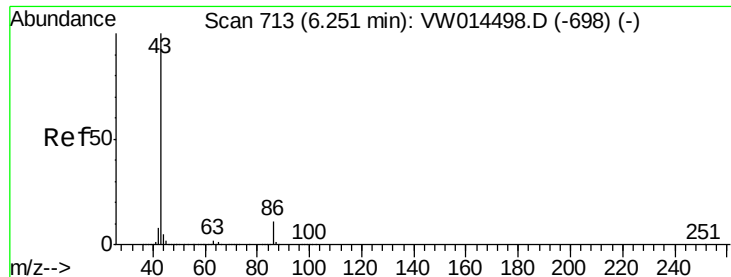
45 100

43 51.7 41.4 62.0

87 27.7 22.2 33.2

59 11.9 9.5 14.3





#23

Vinyl Acetate

Concen: 301.101 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tot Ion: 43 Resp: 3856760

Ion Ratio Lower Upper

43 100

86 11.0 8.8 13.2

Instrument :

MSVOA_W

ClientSampled :

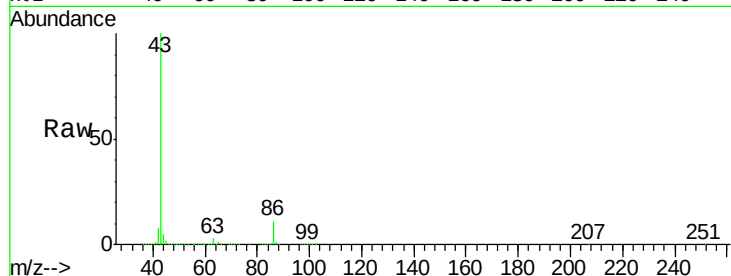
VSTDICCC050

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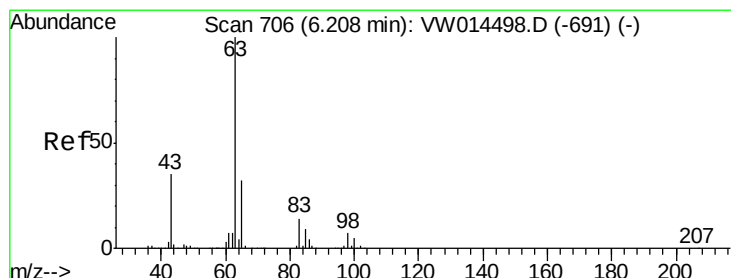
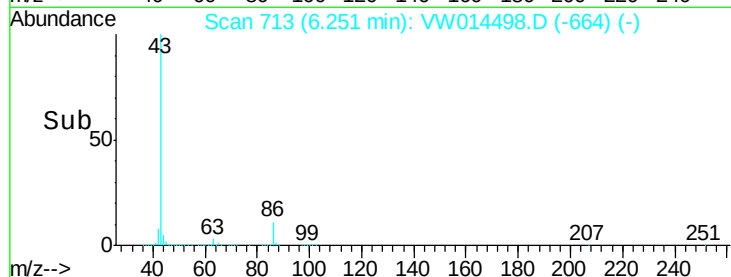
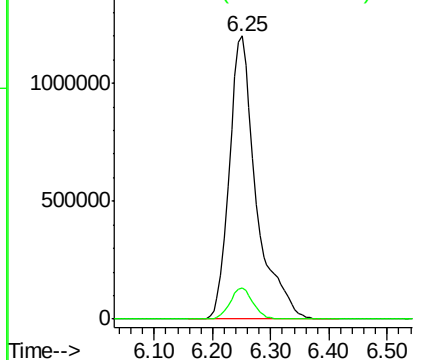
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 54.463 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

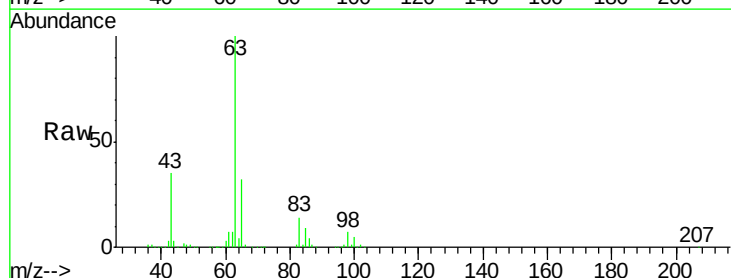
Tgt Ion: 63 Resp: 744779

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

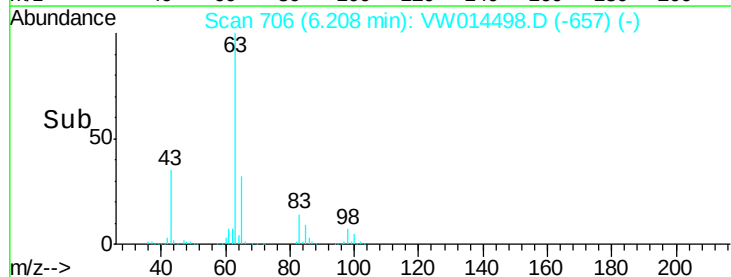
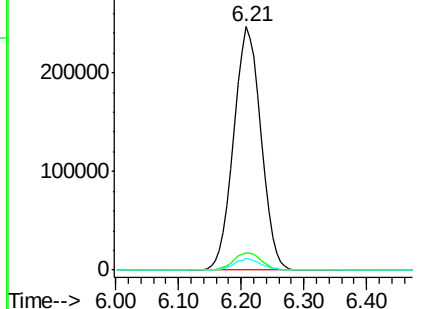
100 4.9 2.5 7.4

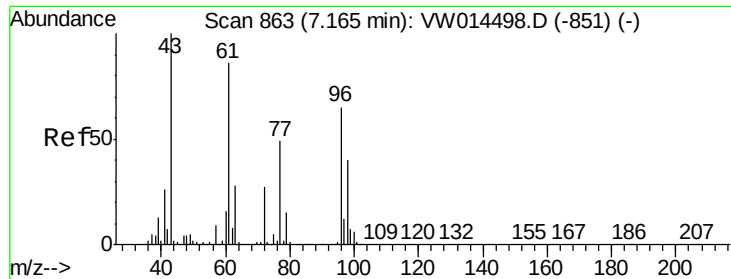


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





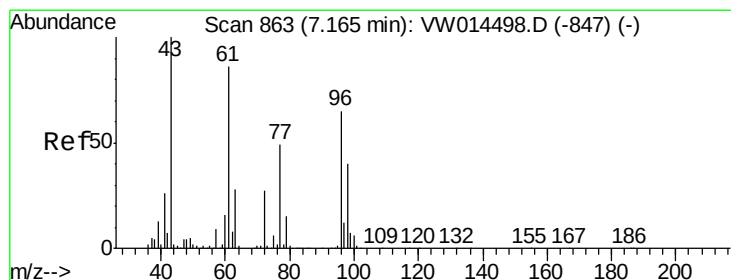
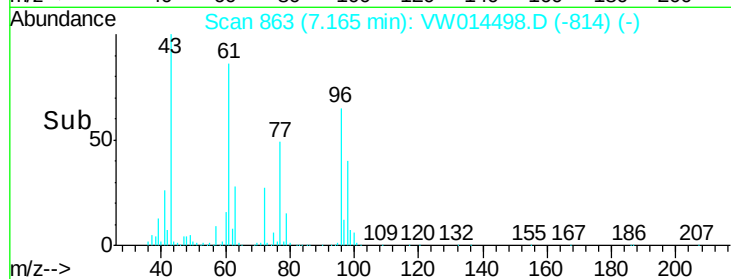
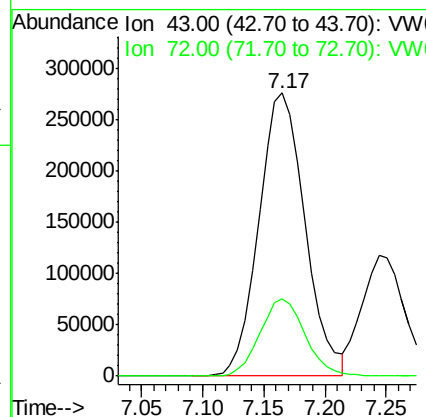
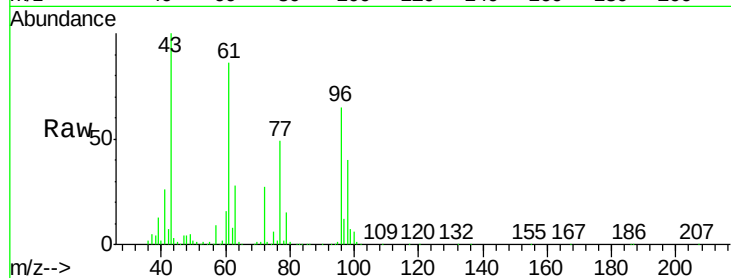
#25
2-Butanone
Concen: 345.506 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 723950
Ion Ratio Lower Upper
43 100
72 27.4 21.9 32.9

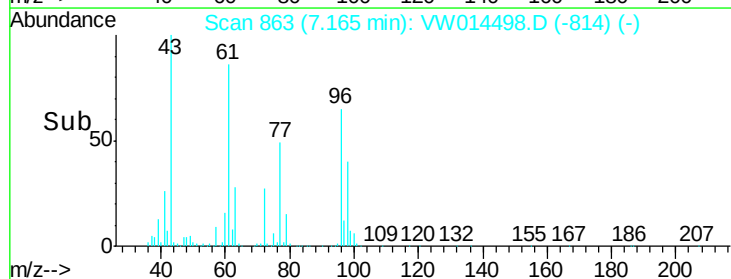
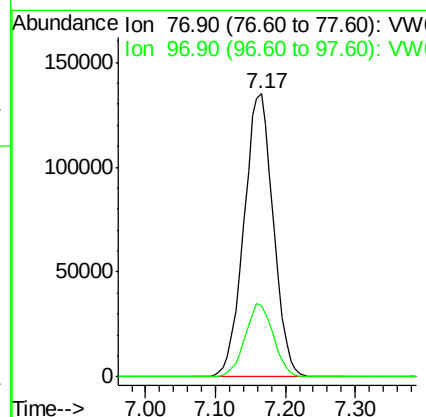
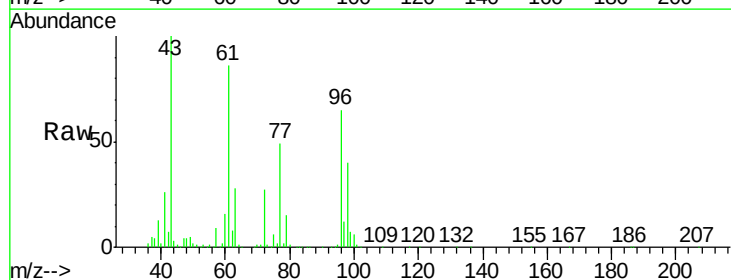
Manual Integrations
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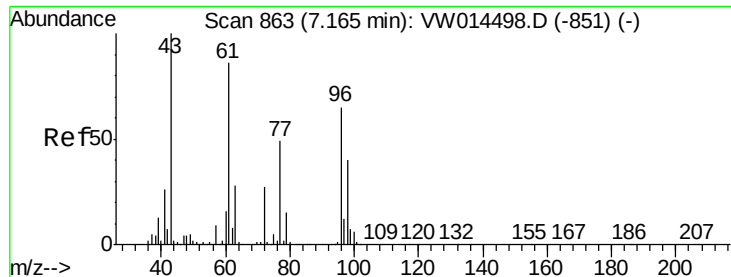
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#26
2,2-Dichloropropane
Concen: 50.129 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion: 77 Resp: 393134
Ion Ratio Lower Upper
77 100
97 25.0 12.5 37.5





#27

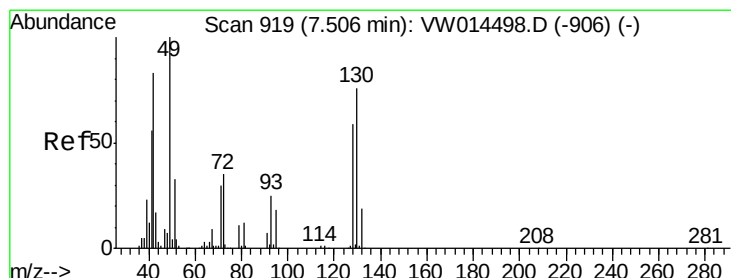
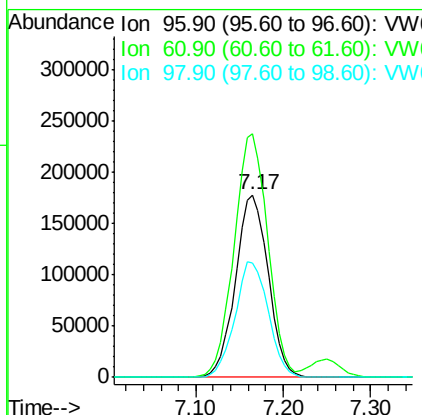
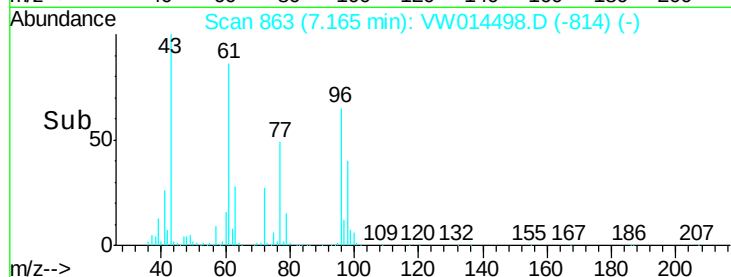
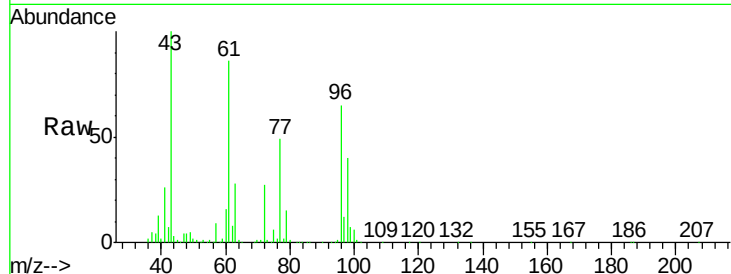
cis-1,2-Dichloroethene
Concen: 52.898 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	274.8
98	64.3	0.0	128.6

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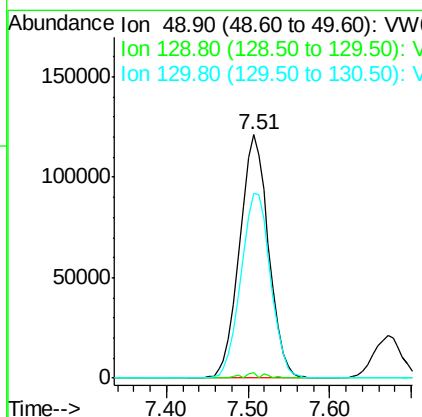
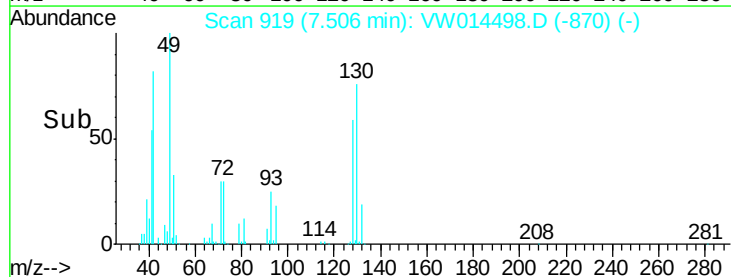
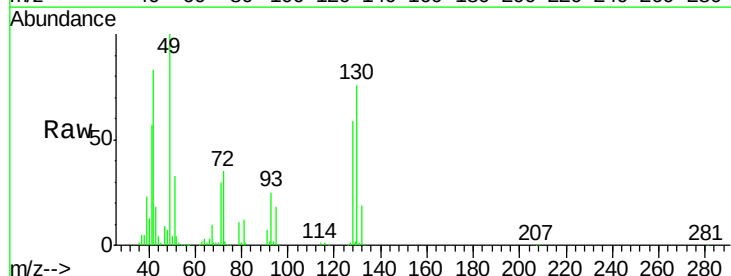
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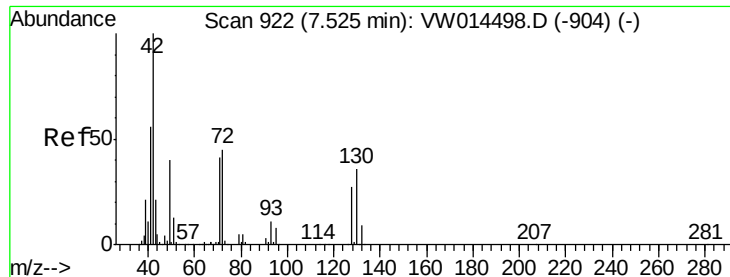


#28

Bromochloromethane
Concen: 64.917 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	2.0
130	78.1	62.5	93.7





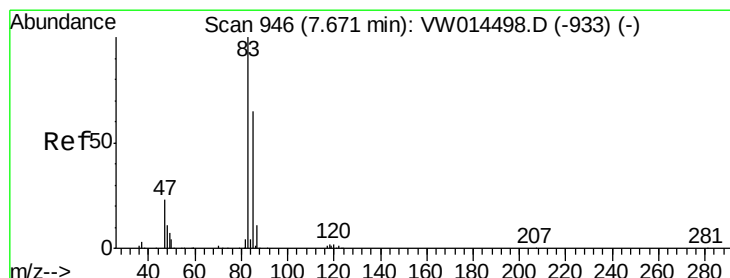
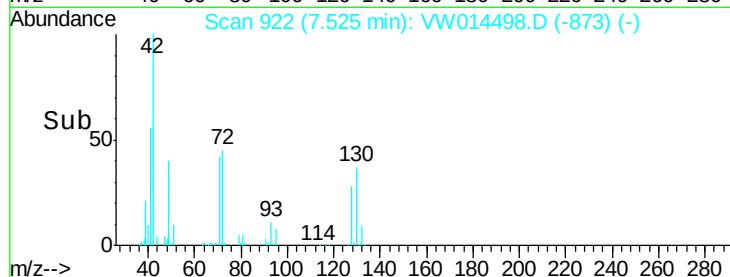
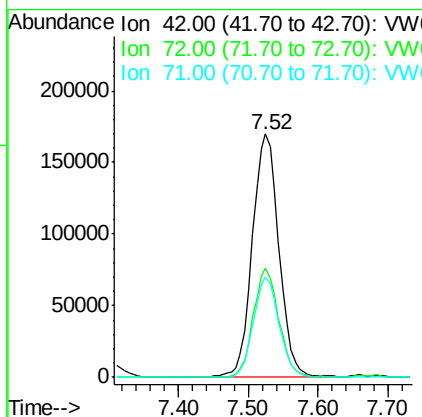
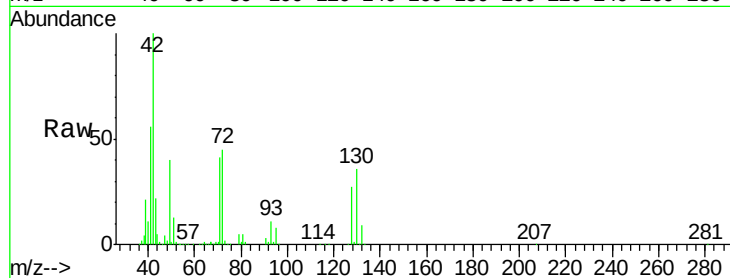
#29
Tetrahydrofuran
Concen: 344.731 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.5	51.7
71	40.0	32.0	48.0

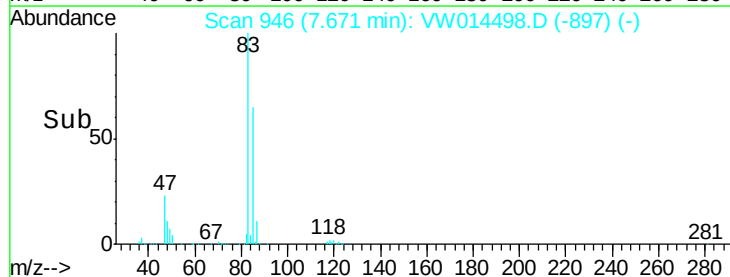
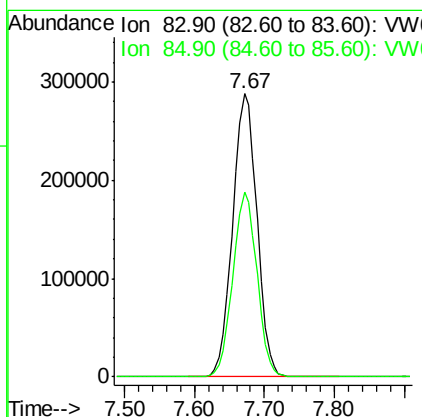
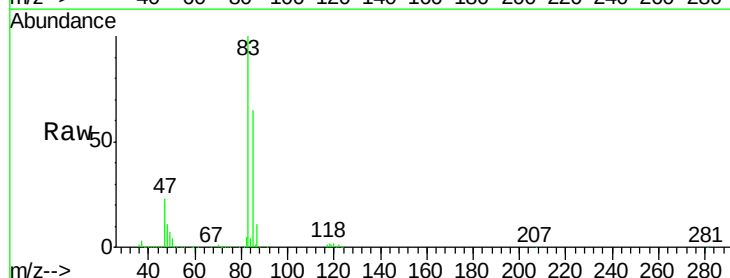
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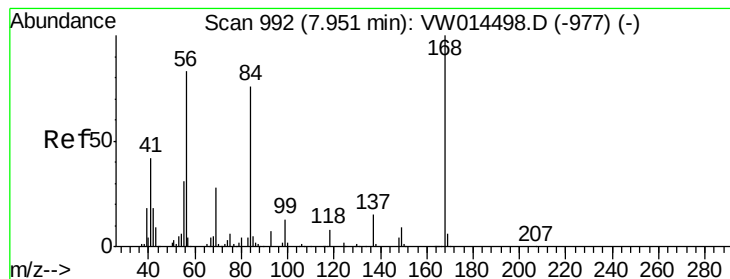
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#30
Chloroform
Concen: 51.817 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.2	78.2





#31

Cyclohexane

Concen: 52.012 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

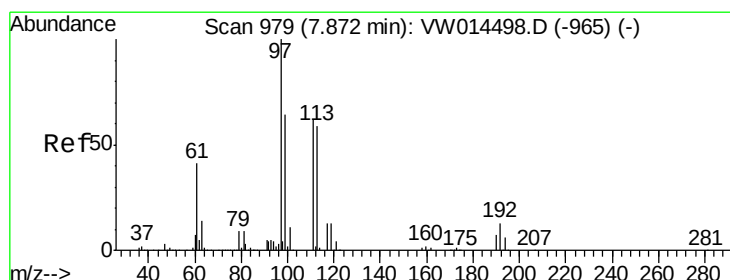
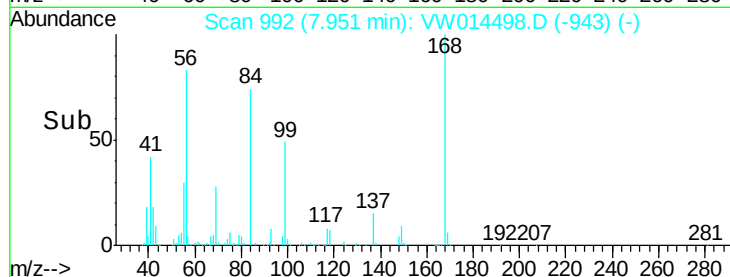
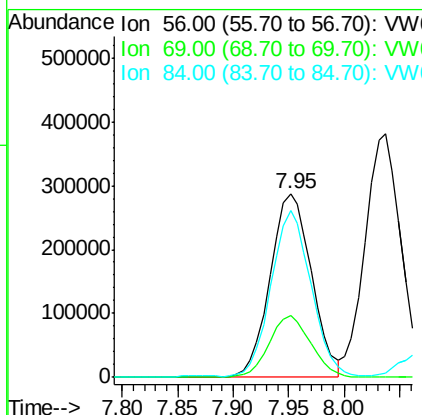
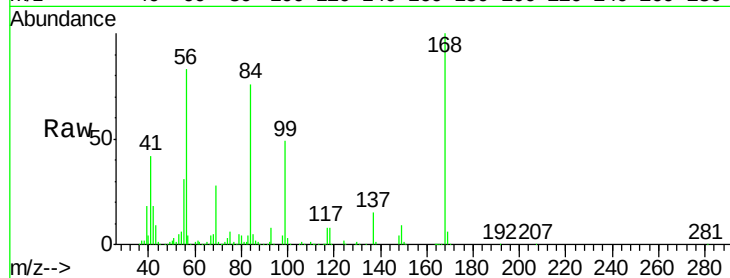
ClientSampled :

VSTDICCC050

Tot Ion:	56	Resp:	743727
Ion Ratio	Lower	Upper	
56	100		
69	33.5	26.8	40.2
84	89.7	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 53.349 ug/l

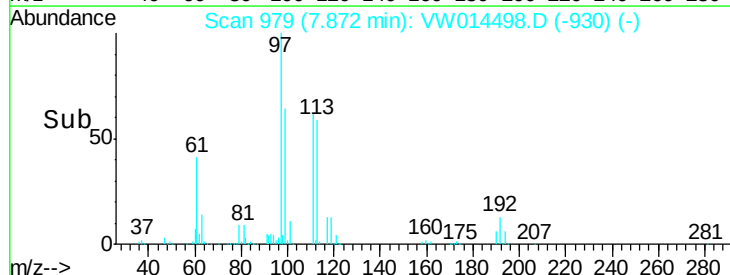
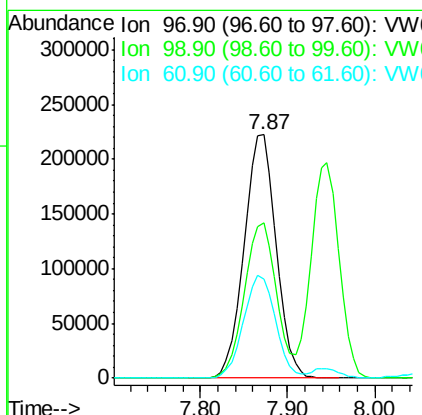
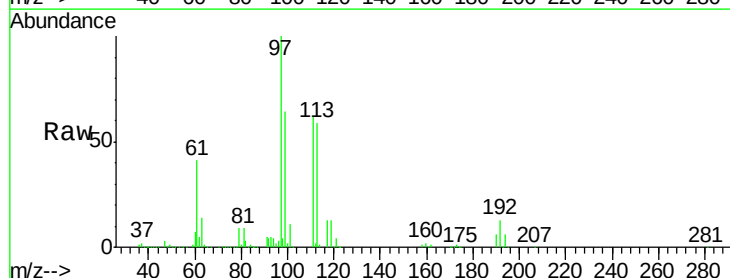
RT: 7.87 min Scan# 979

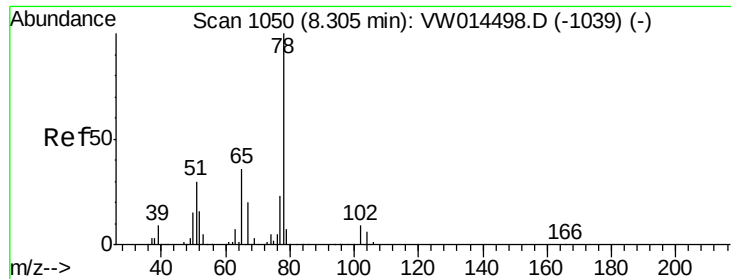
Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tgt Ion:	97	Resp:	564328
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.8	77.6
61	42.3	33.8	50.8





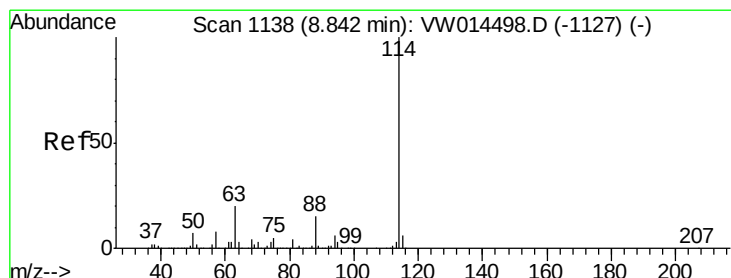
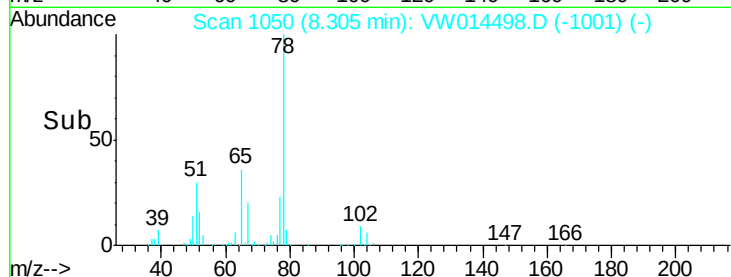
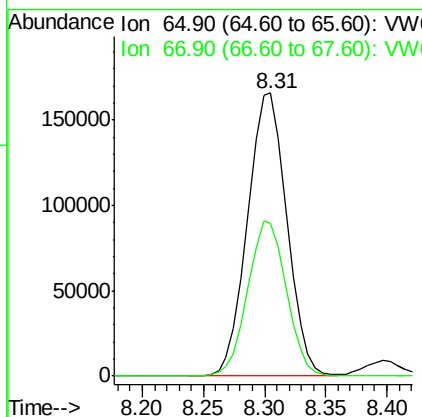
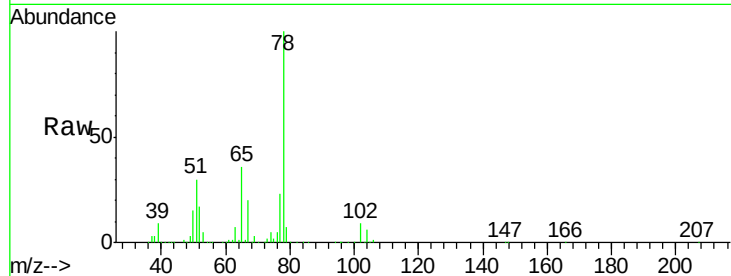
#33
 1,2-Dichloroethane-d4
 Concen: 57.597 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	371565		
67	54.2	0.0	108.4	

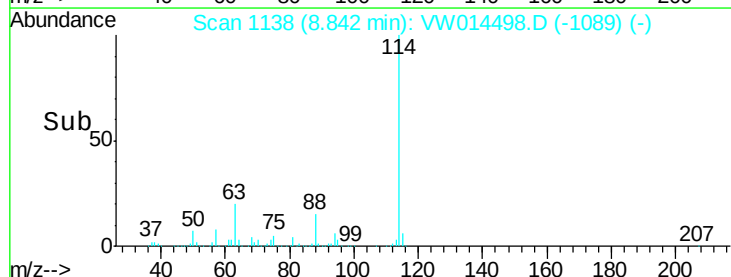
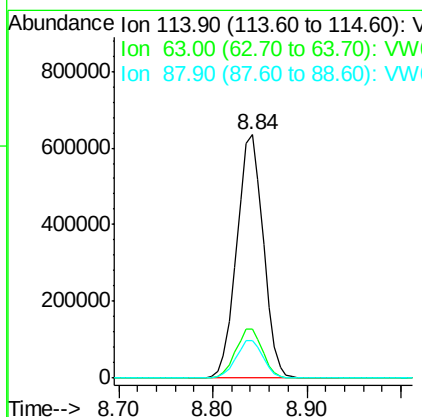
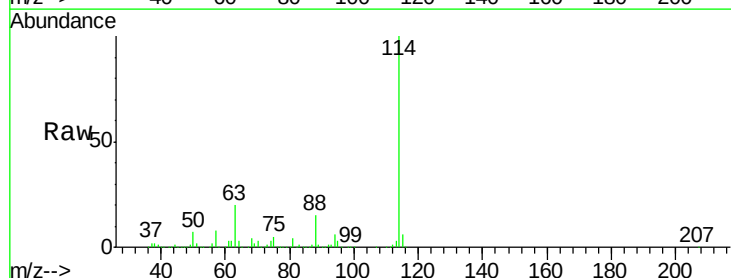
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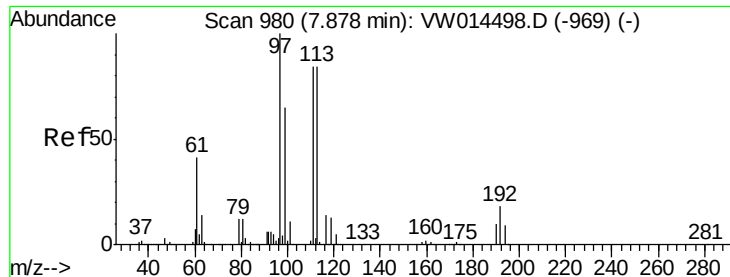
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1246785		
63	20.2	0.0	40.4	
88	15.3	0.0	30.6	





#35

Dibromofluoromethane

Concen: 52.327 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

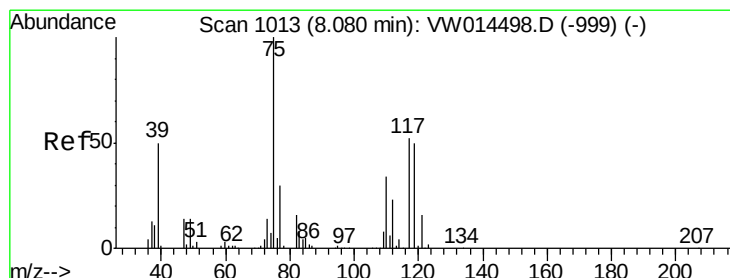
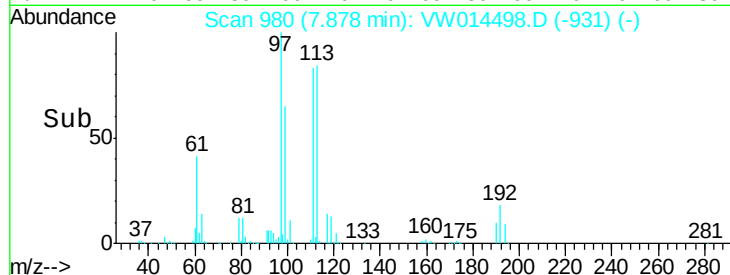
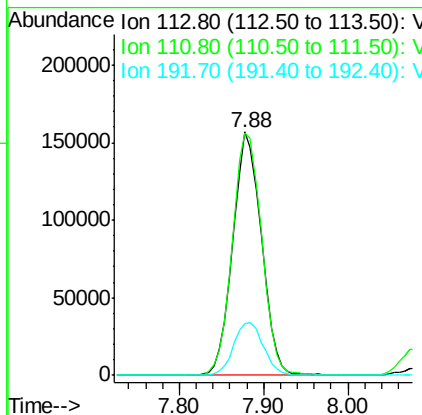
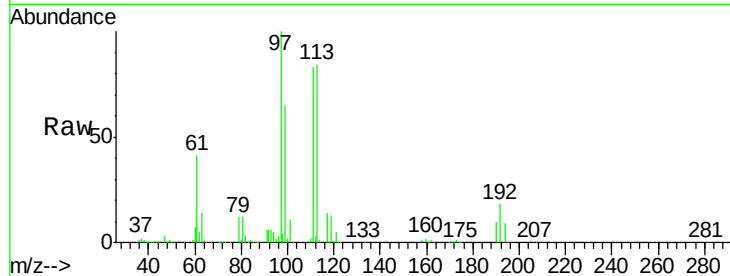
ClientSampled :

VSTDICCC050

Tot Ion:	113	Resp:	360447
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.4	122.2
192	22.3	17.8	26.8

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#36

1,1-Dichloropropene

Concen: 51.540 ug/l

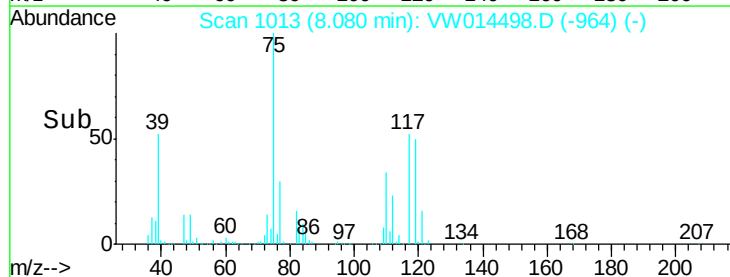
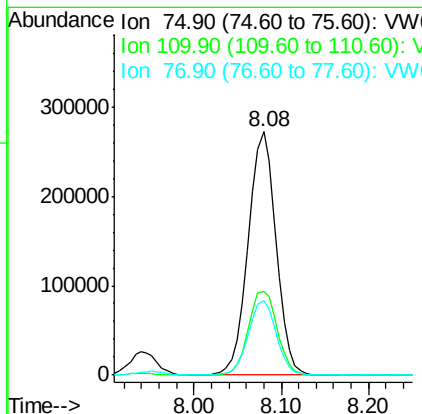
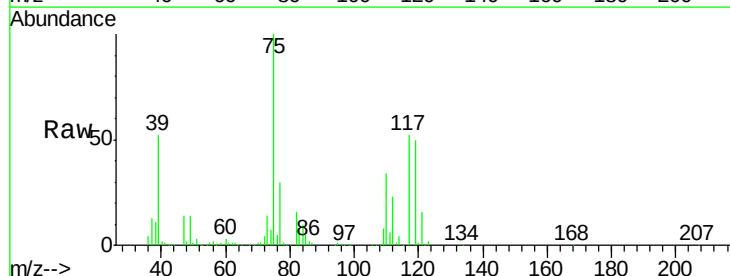
RT: 8.08 min Scan# 1013

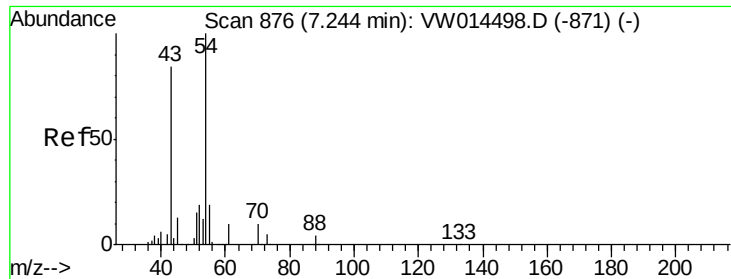
Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tgt Ion:	75	Resp:	602666
Ion Ratio	Lower	Upper	
75	100		
110	35.7	17.8	53.5
77	30.9	24.7	37.1





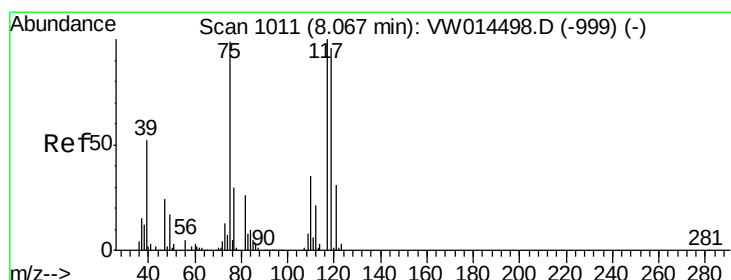
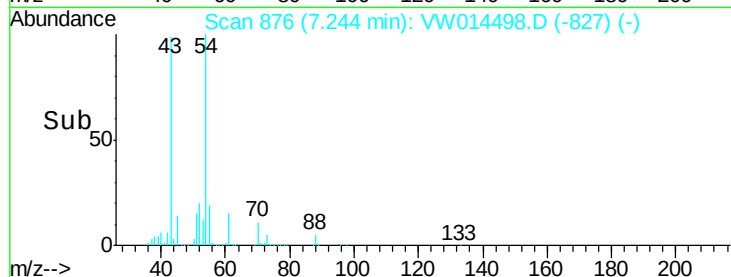
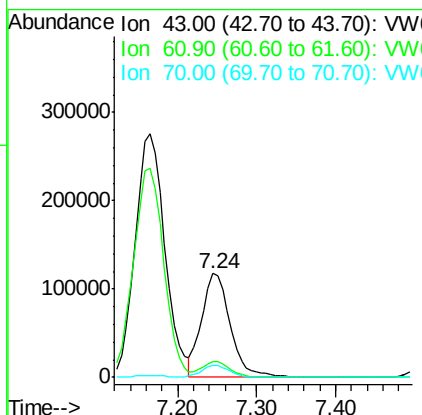
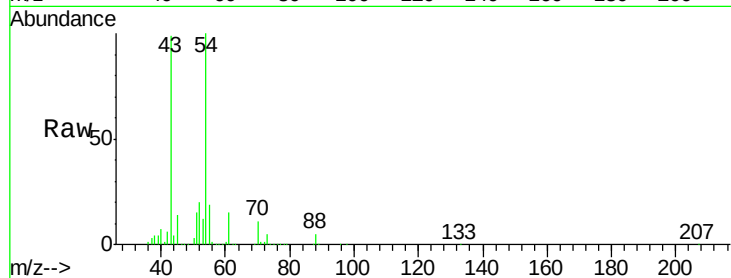
#37
Ethyl Acetate
Concen: 62.465 ug/l
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.7	17.5
70	11.3	9.0	13.6

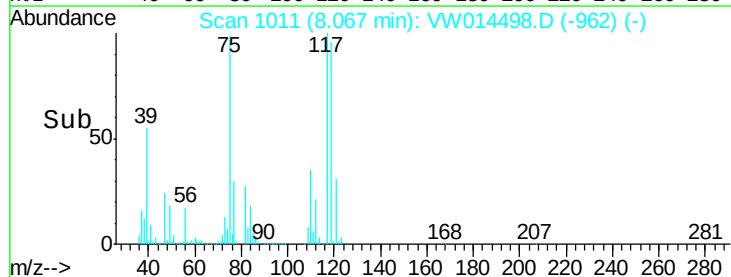
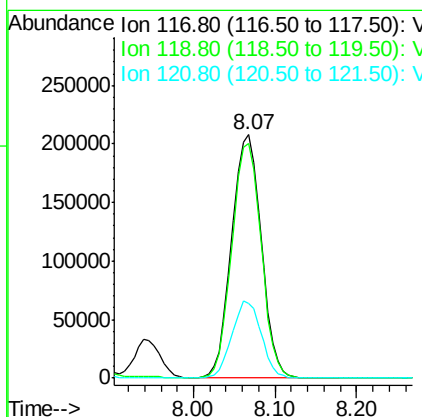
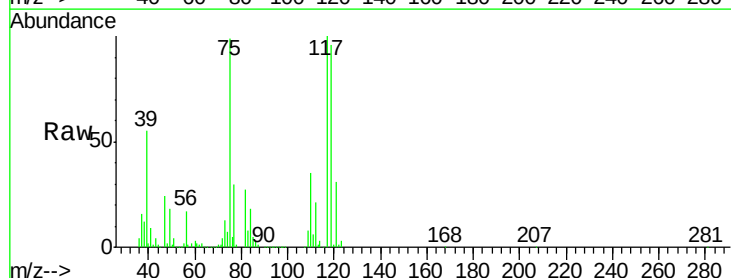
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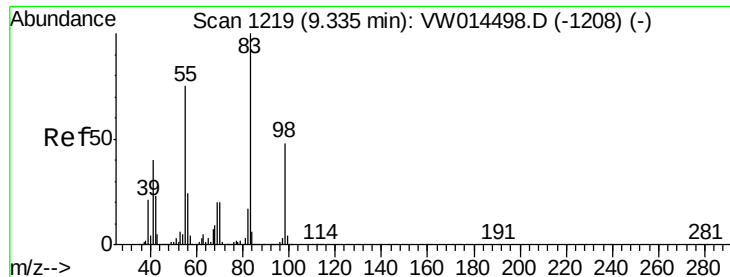
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#38
Carbon Tetrachloride
Concen: 49.848 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.6
121	30.7	24.6	36.8





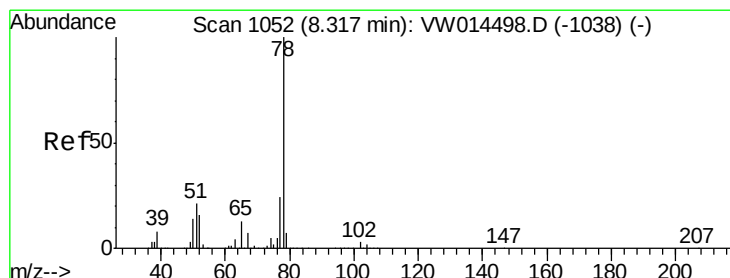
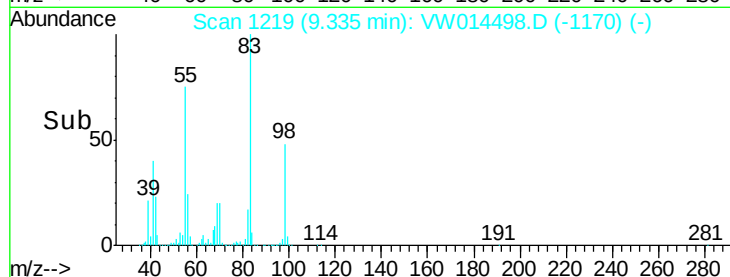
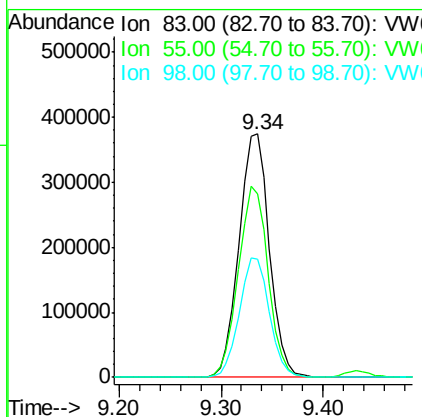
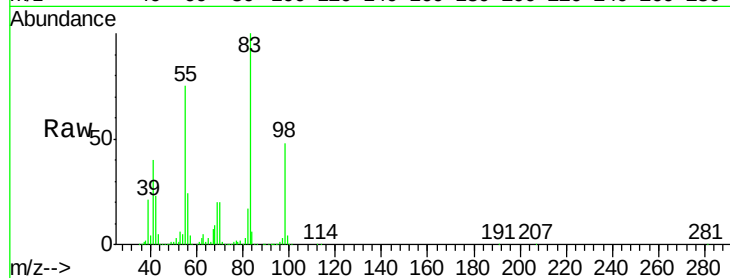
#39
Methylvlcyclohexane
Concen: 51.448 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	60.1	90.1
98	48.5	38.8	58.2

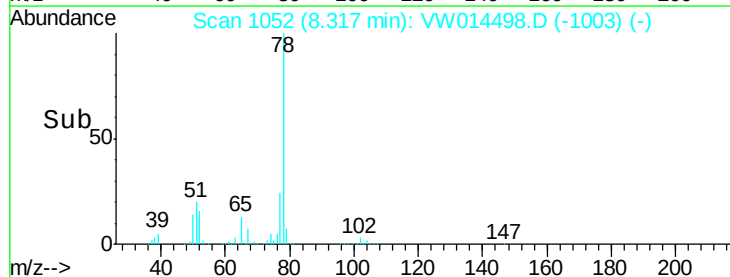
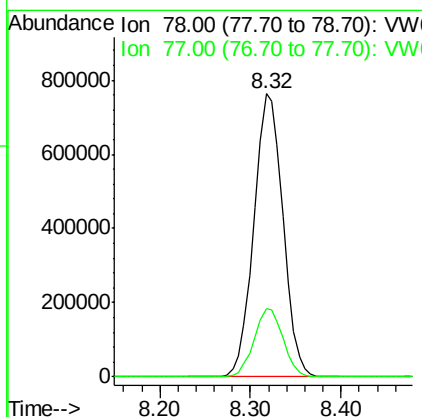
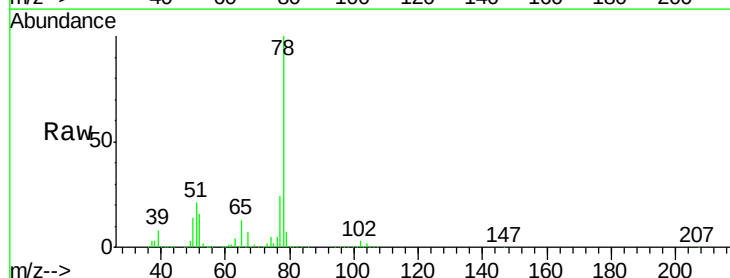
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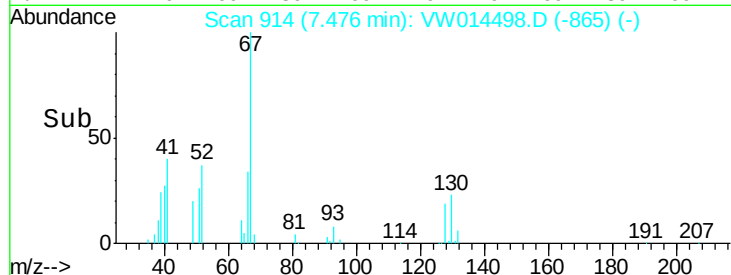
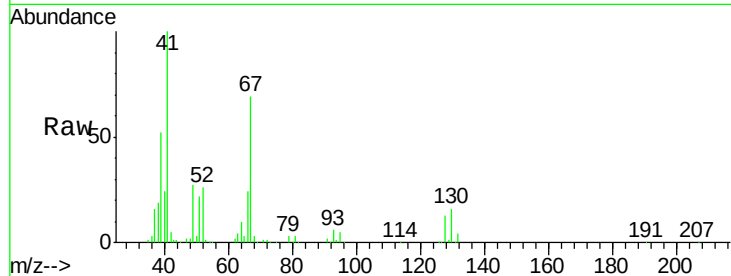
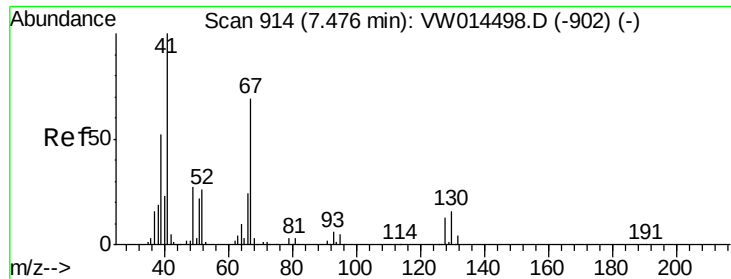
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#40
Benzene
Concen: 51.132 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





#41

Methacrylonitrile

Concen: 56.501 ug/l

RT: 7.48 min Scan# 914

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		163830		
39	57.5	46.0	69.0		
67	76.0	60.8	91.2		
52	29.6	23.7	35.5		

Instrument :

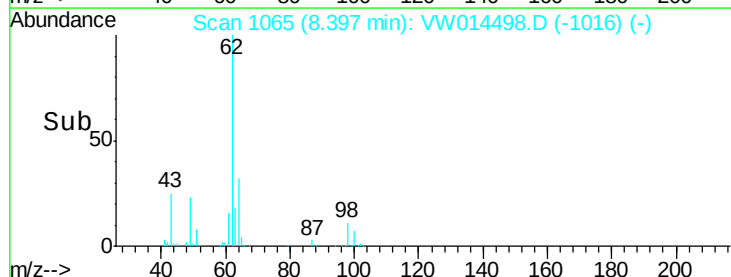
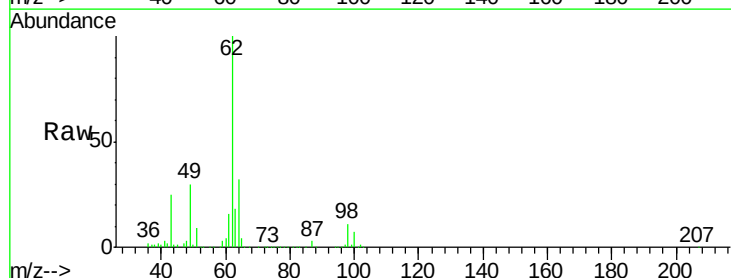
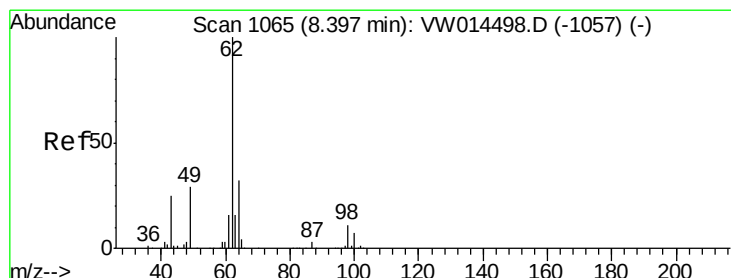
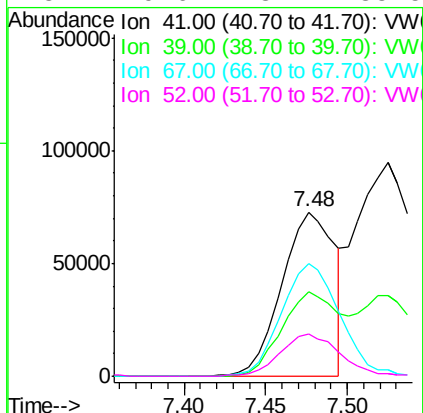
MSVOA_W

ClientSampleId :

VSTDICCC050

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#42

1,2-Dichloroethane

Concen: 53.066 ug/l

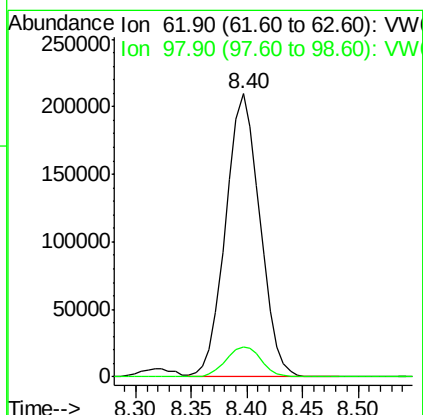
RT: 8.40 min Scan# 1065

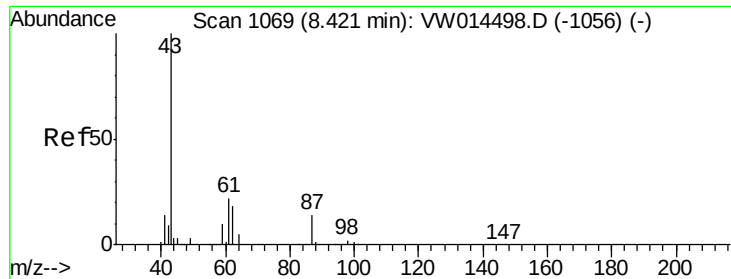
Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		445546		
98	11.0	0.0	22.0		





#43

Isopropyl Acetate

Concen: 59.659 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

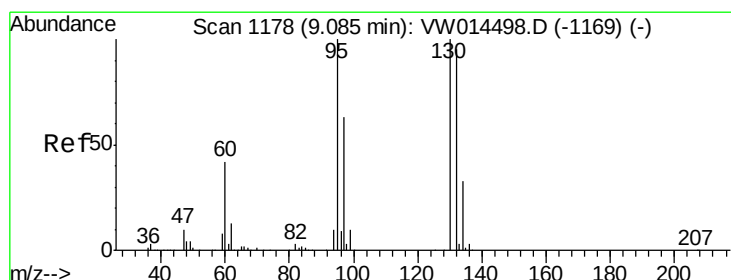
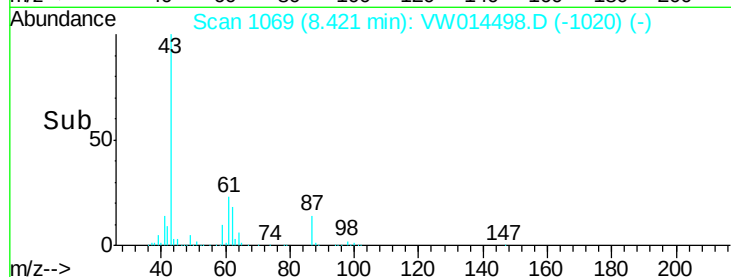
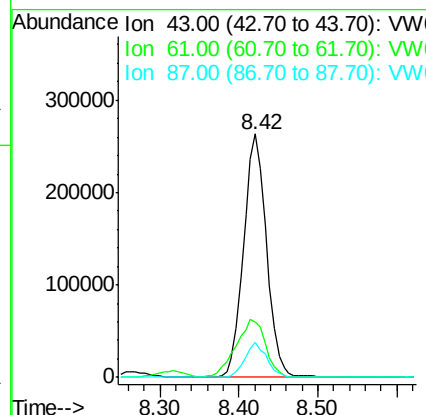
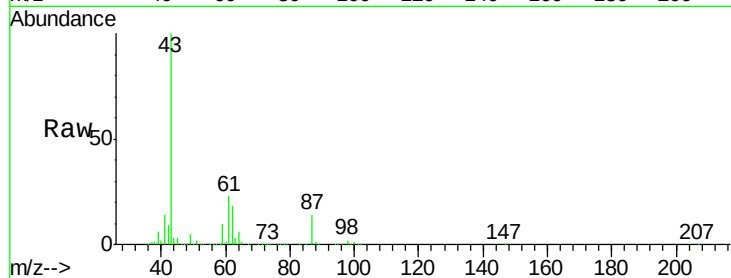
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	530495
Ion	Ratio	Lower	Upper
43	100		
61	30.9	24.7	37.1
87	13.9	11.1	16.7

Manual Integrations
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#44

Trichloroethene

Concen: 48.446 ug/l

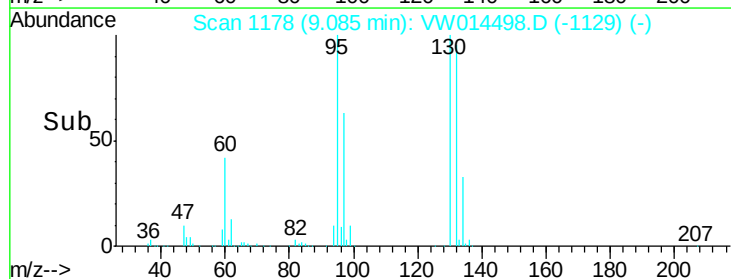
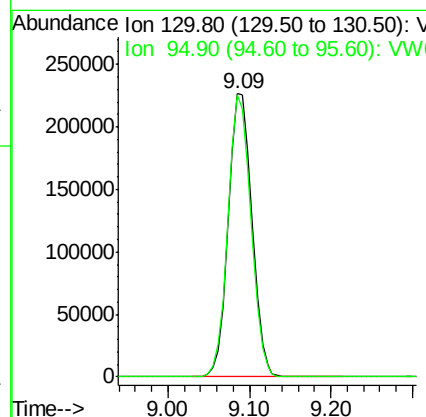
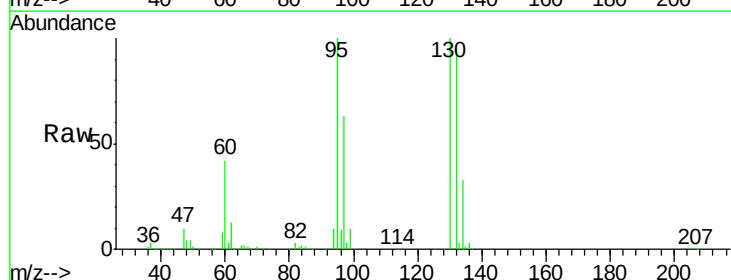
RT: 9.09 min Scan# 1178

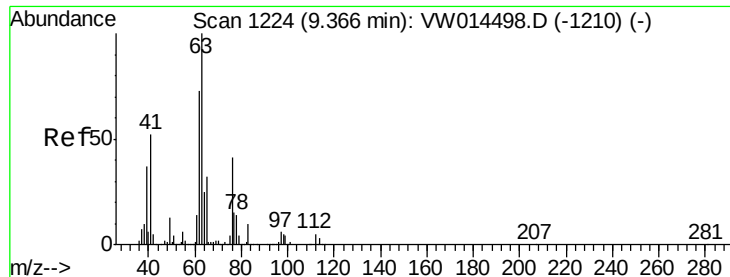
Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tgt Ion:	130	Resp:	453146
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	199.4





#45

1,2-Dichloropropane

Concen: 52.675 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 417745

Ion Ratio Lower Upper

63 100

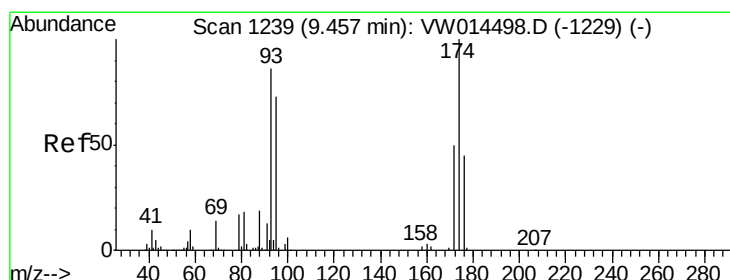
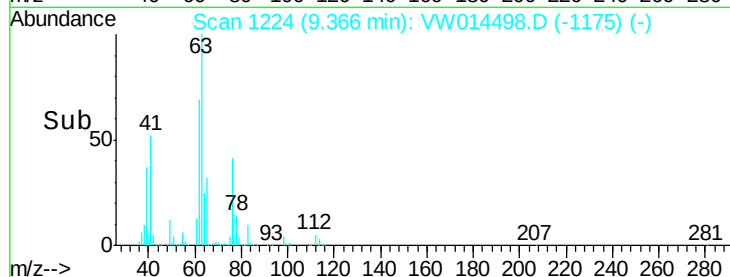
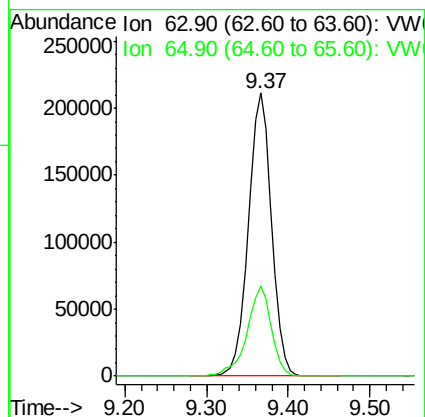
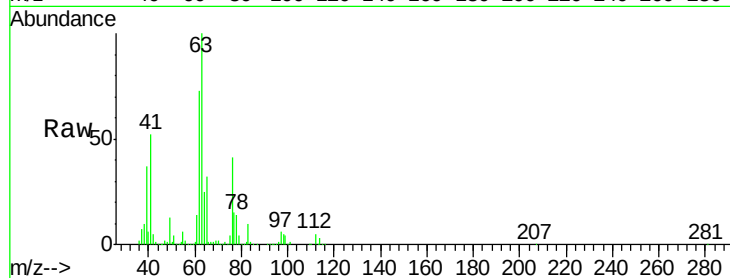
65 32.0 25.6 38.4

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#46

Dibromomethane

Concen: 54.733 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

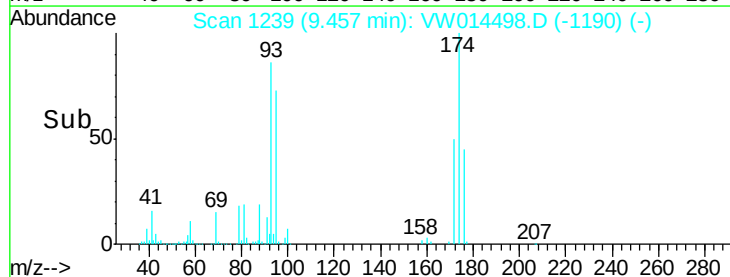
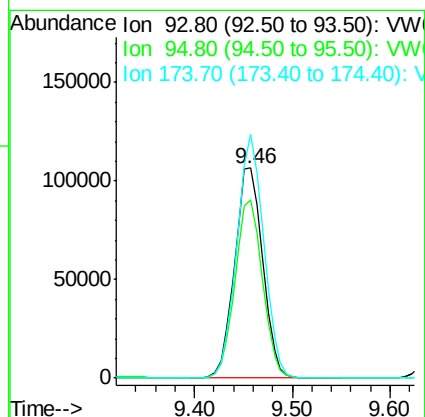
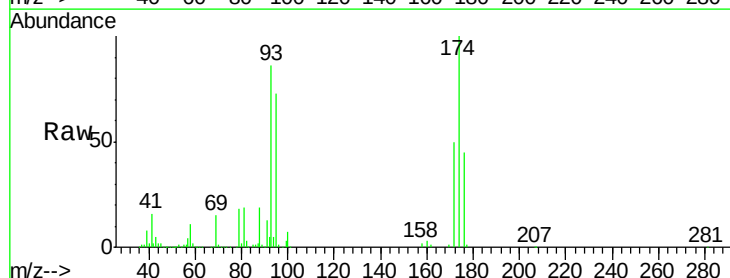
Tgt Ion: 93 Resp: 212954

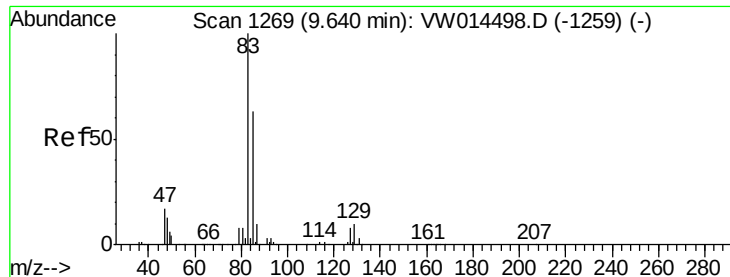
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 111.4 89.1 133.7





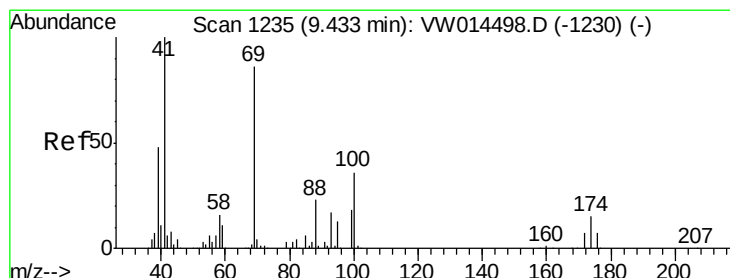
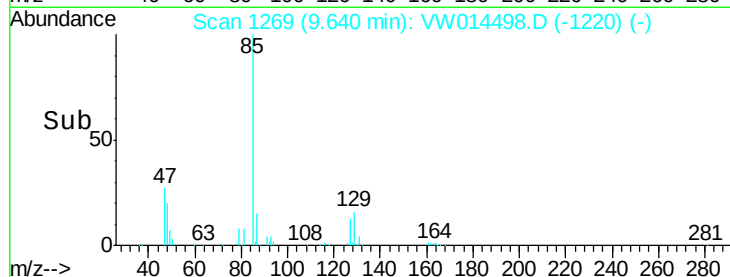
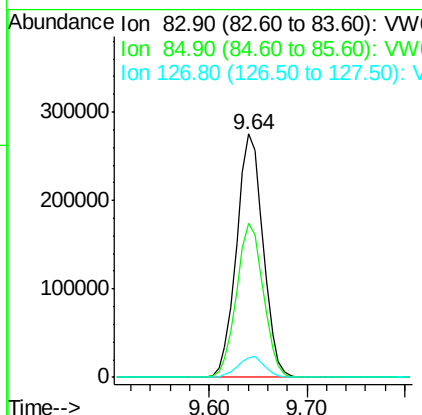
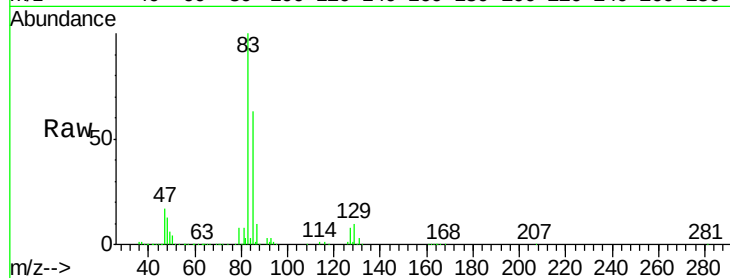
#47
Bromodichloromethane
Concen: 52.131 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	517451
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	50.6	76.0
127	8.2	6.6	9.8

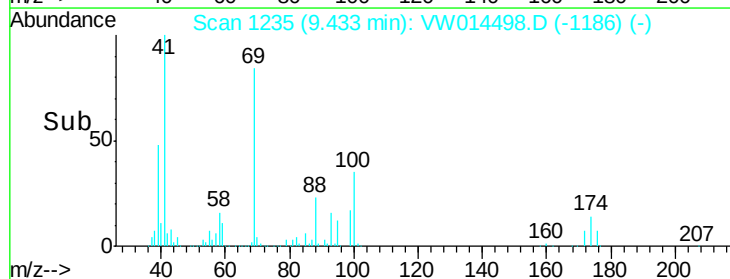
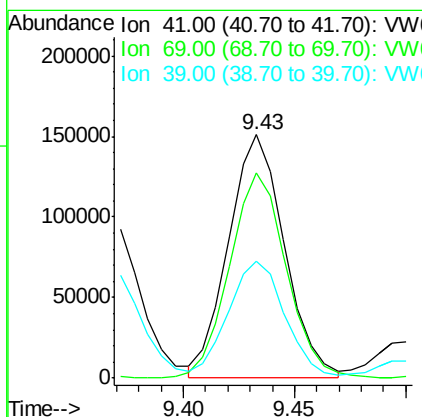
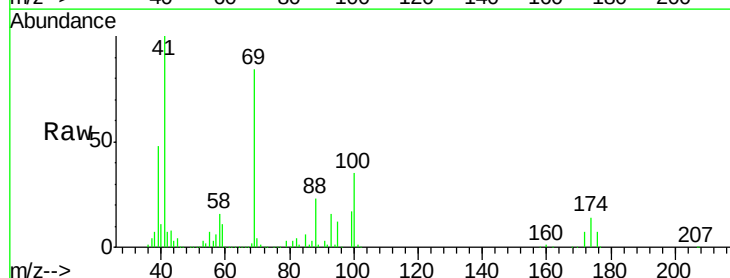
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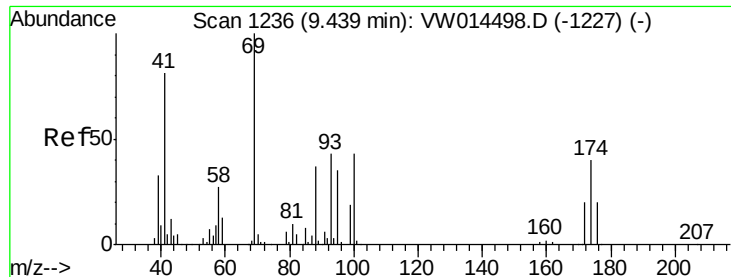
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#48
Methyl methacrylate
Concen: 60.086 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion	41	Resp	263832
Ion Ratio	100	Lower	Upper
41	100		
69	85.4	68.3	102.5
39	46.0	36.8	55.2





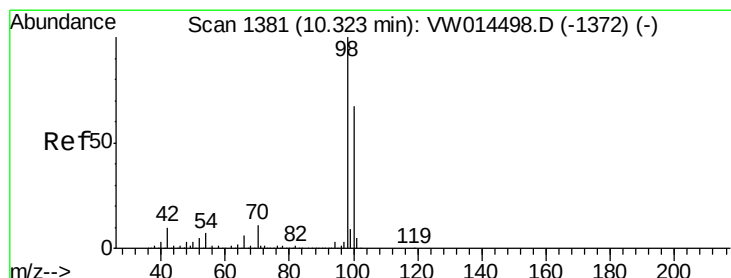
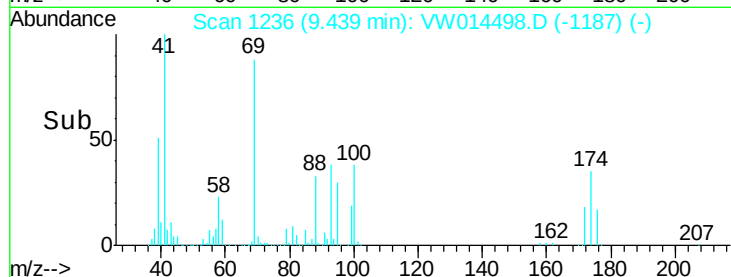
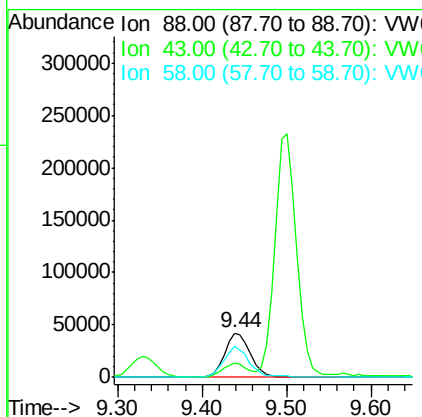
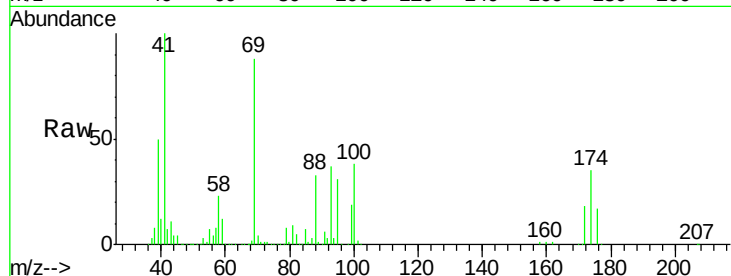
#49
1,4-Dioxane
Concen: 1393.446 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	31.1	24.9	37.3	
58	71.1	56.9	85.3	

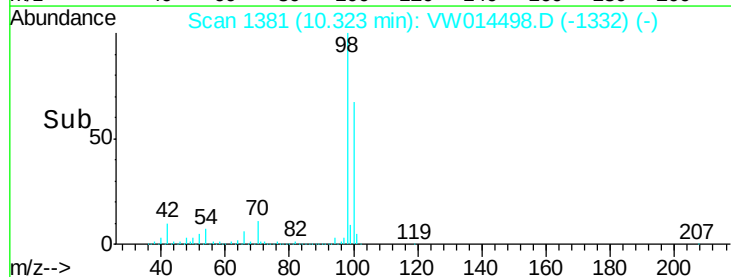
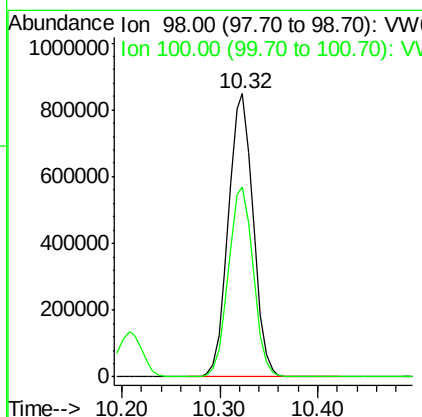
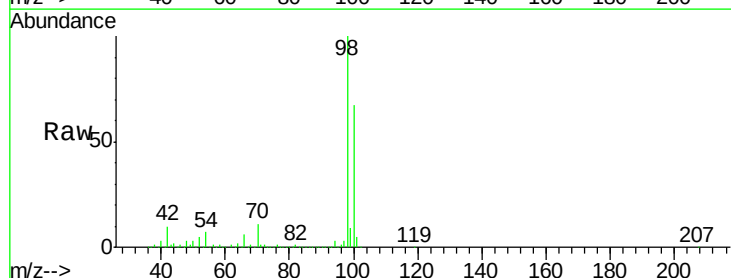
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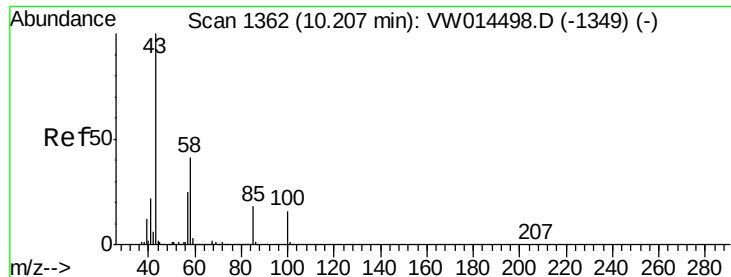
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#50
Toluene-d8
Concen: 53.074 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	67.2	53.8	80.6	





#51

4-Methyl-2-Pentanone

Concen: 315.002 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 1414836

Ion Ratio Lower Upper

43 100

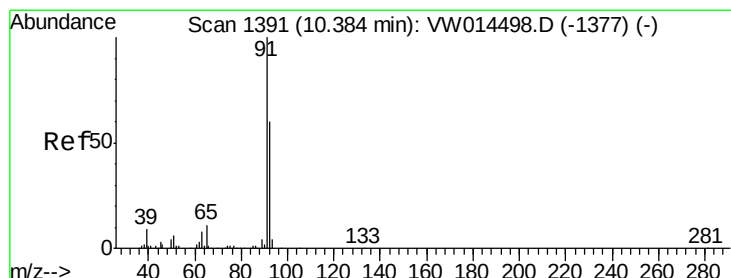
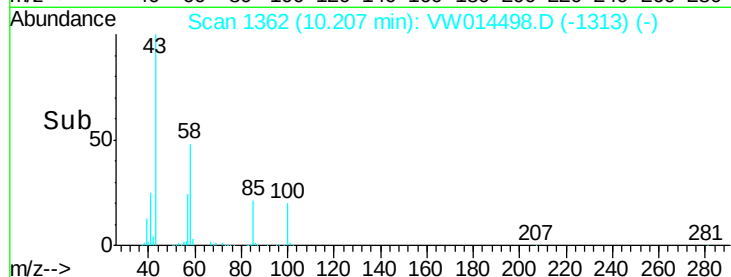
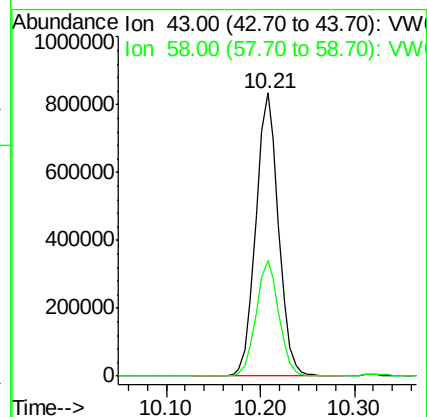
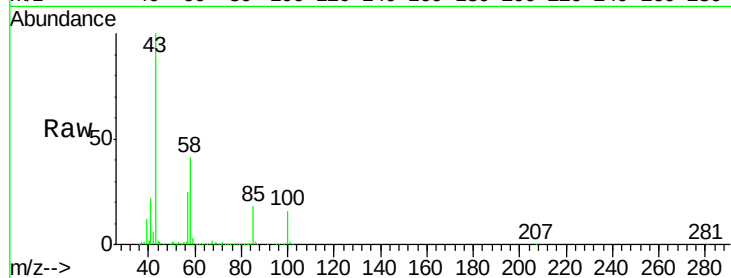
58 40.9 32.7 49.1

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#52

Toluene

Concen: 50.727 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014498.D

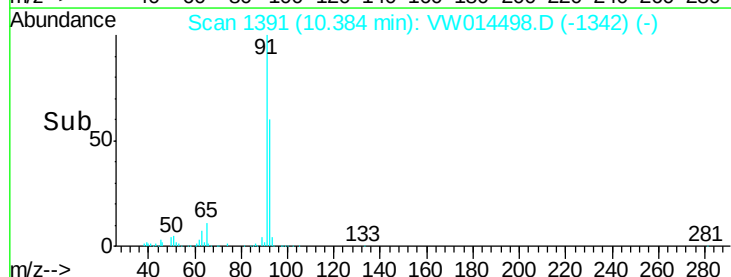
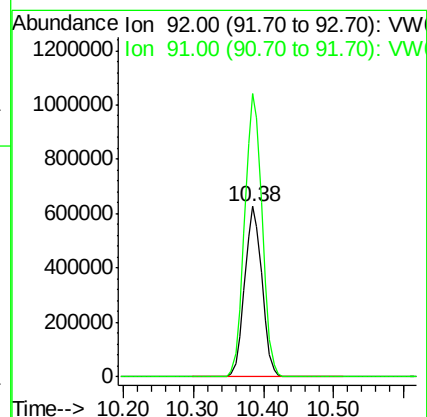
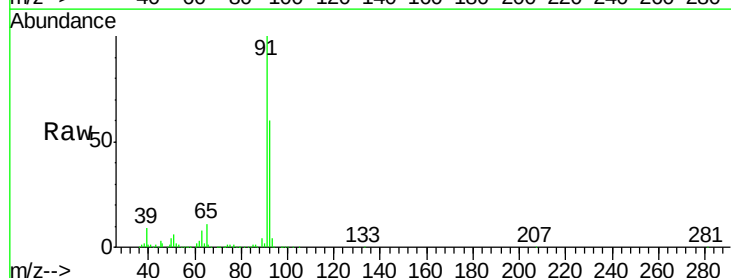
Acq: 03 Jan 2020 14:48

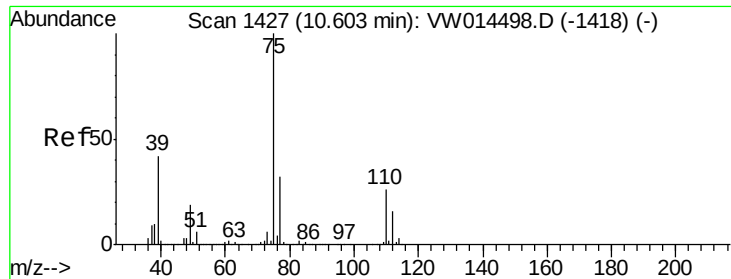
Tgt Ion: 92 Resp: 1076756

Ion Ratio Lower Upper

92 100

91 167.6 134.1 201.1





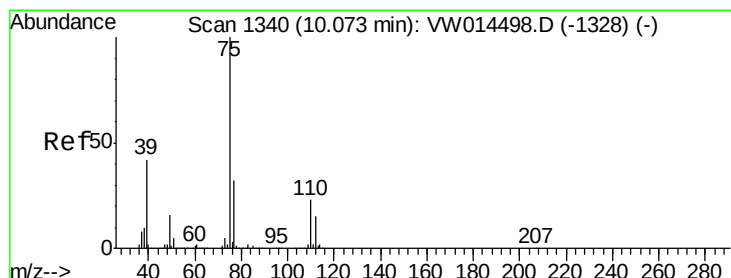
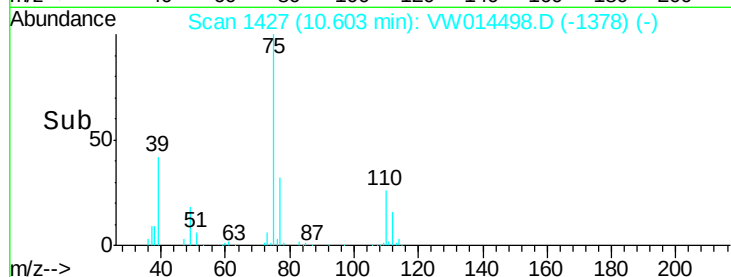
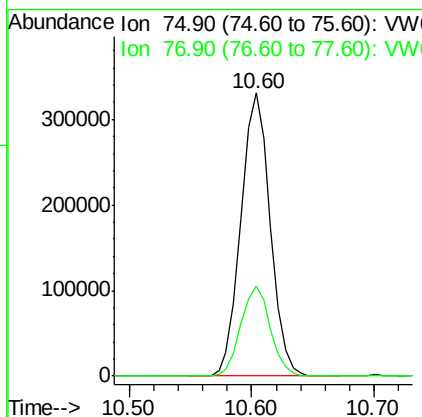
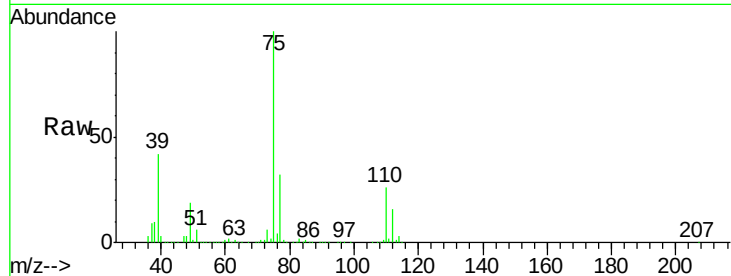
#53
t-1,3-Dichloropropene
Concen: 54.297 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2

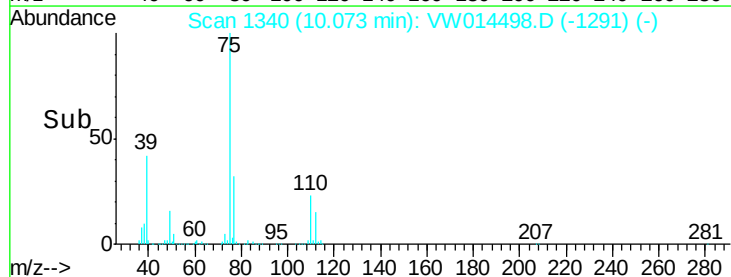
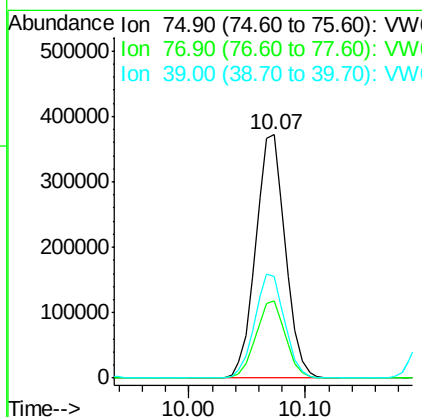
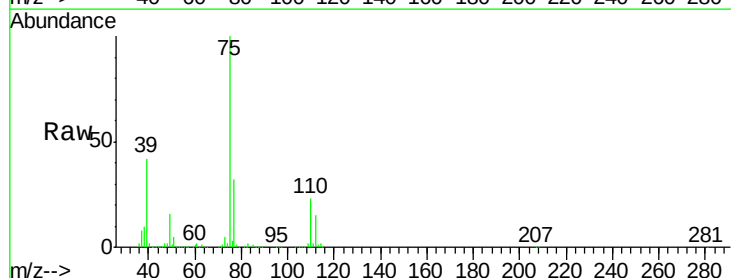
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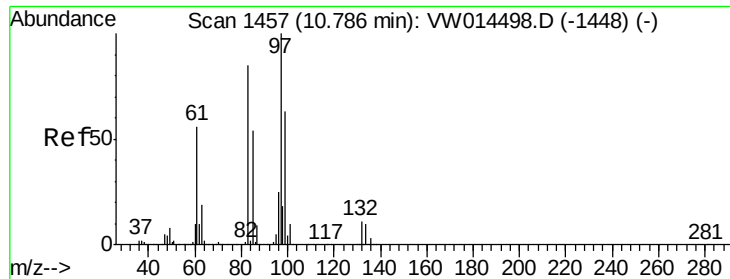
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#54
cis-1,3-Dichloropropene
Concen: 53.237 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	41.8	33.4	50.2





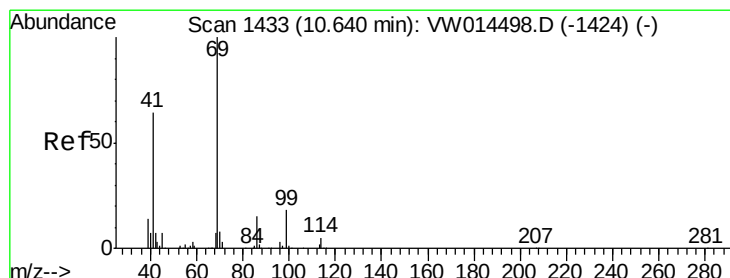
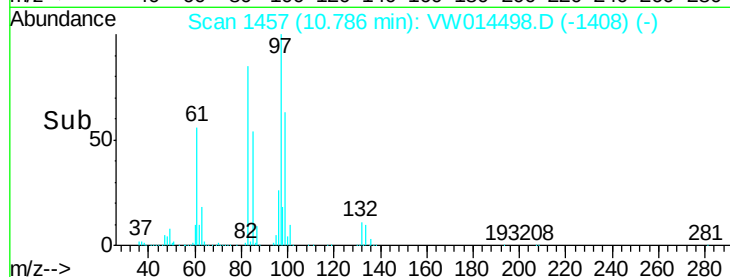
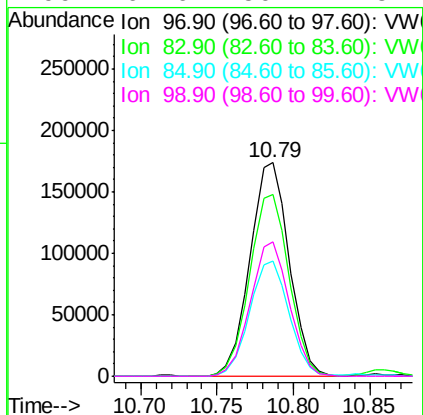
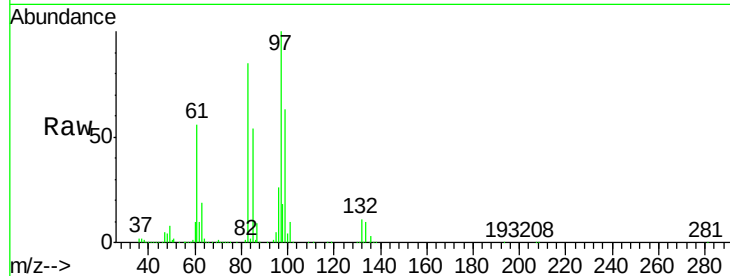
#55
 1,1,2-Trichloroethane
 Concen: 53.536 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	310062
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.2	102.4
85	53.7	43.0	64.4
99	62.6	50.1	75.1

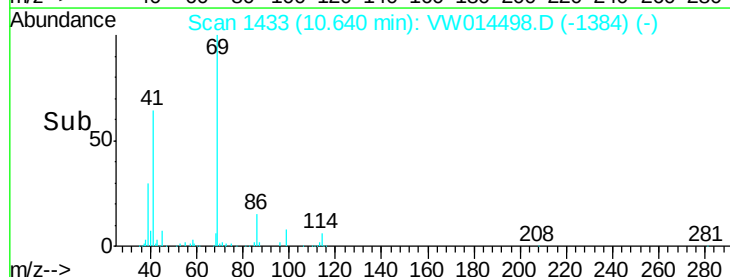
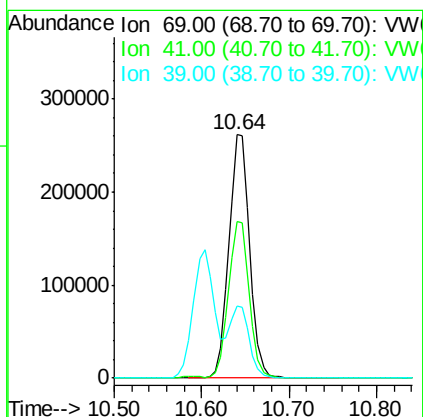
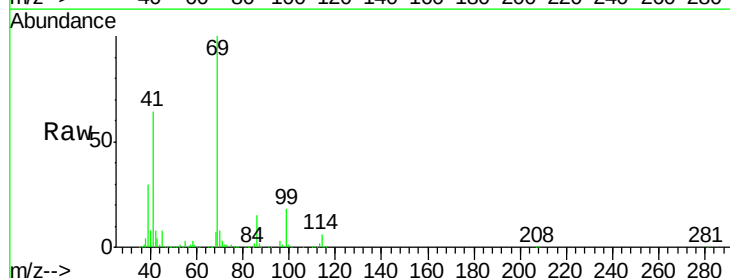
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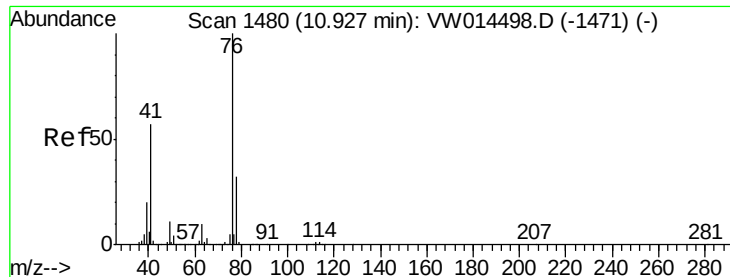
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#56
 Ethyl methacrylate
 Concen: 58.760 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion:	69	Resp:	431656
Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.3	76.9
39	26.3	21.0	31.6





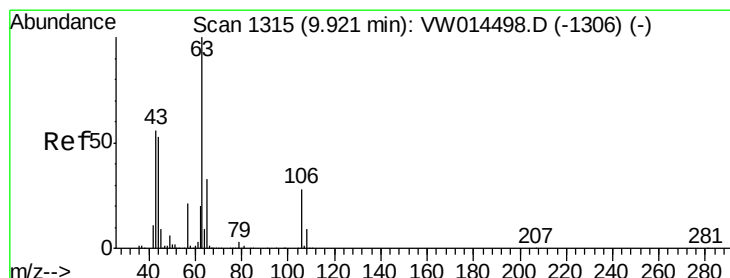
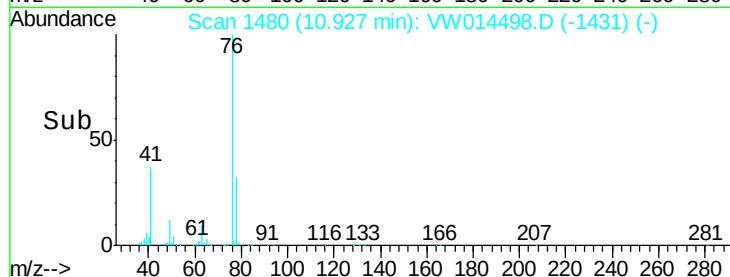
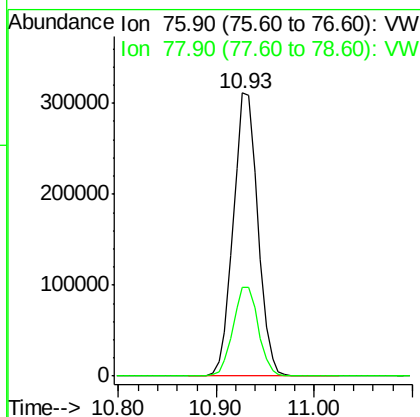
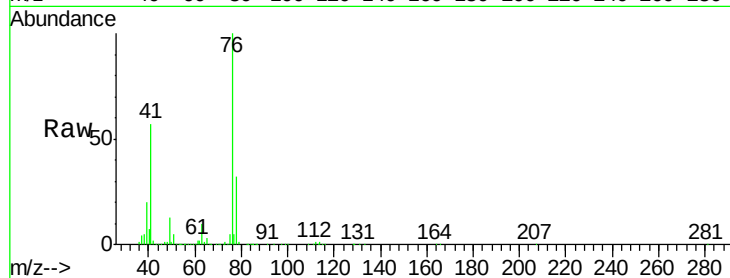
#57
 1,3-Dichloropropane
 Concen: 54.636 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

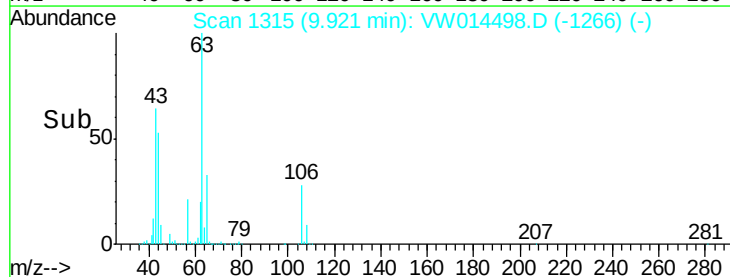
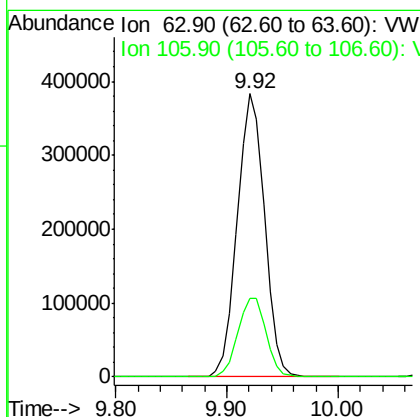
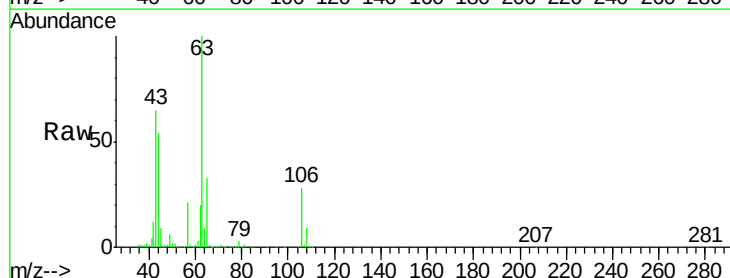
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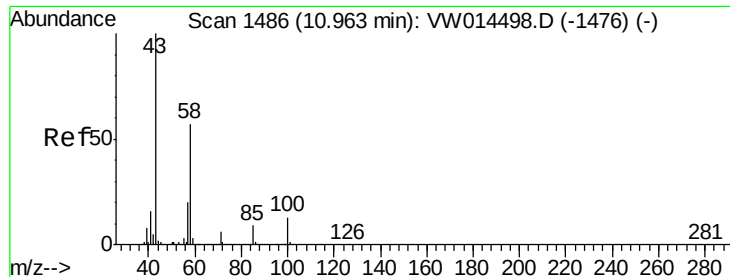
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#58
 2-Chloroethyl Vinyl ether
 Concen: 207.586 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	23.0	34.6





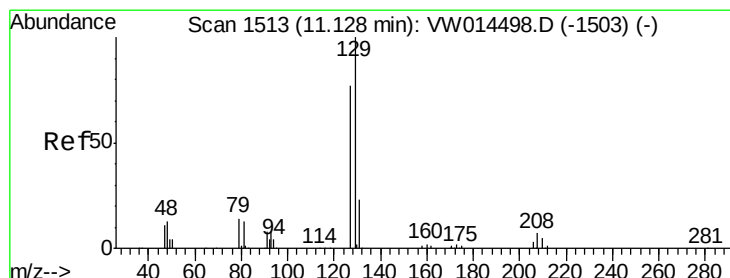
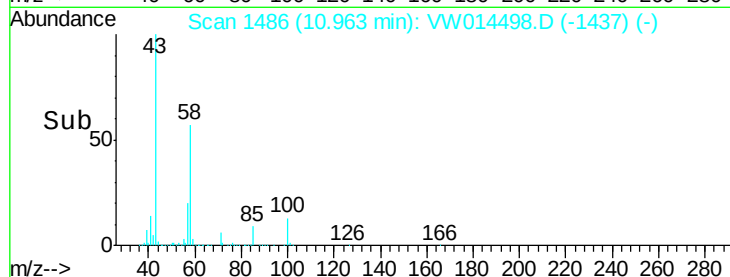
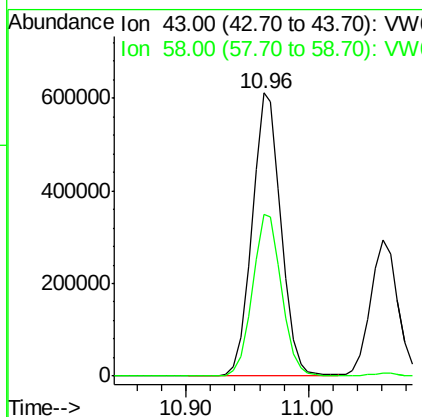
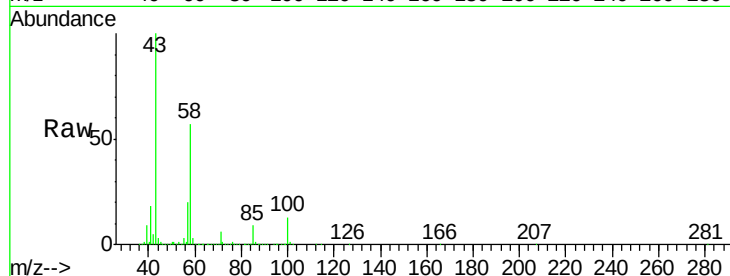
#59
2-Hexanone
Concen: 323.705 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 1000514
Ion Ratio Lower Upper
43 100
58 57.5 28.7 86.3

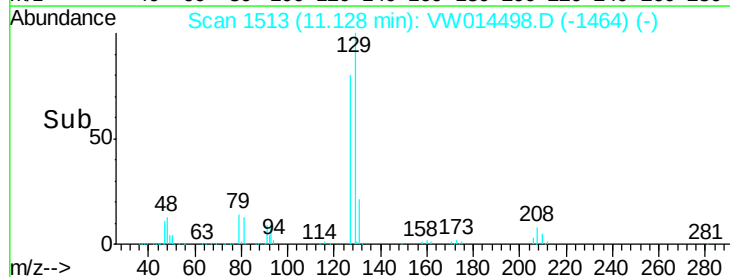
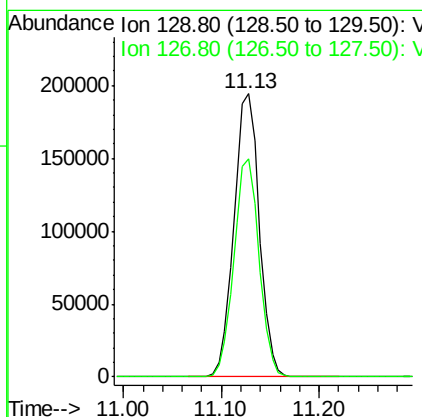
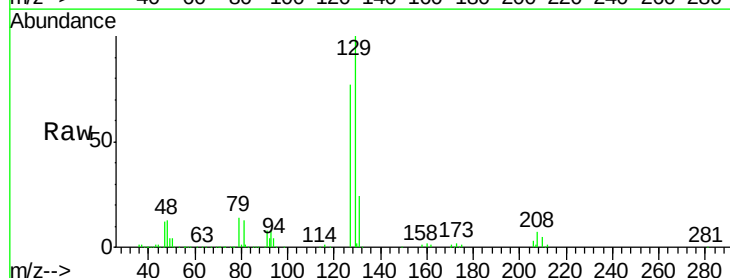
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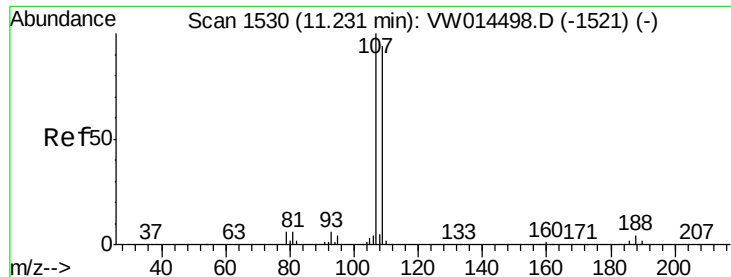
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#60
Dibromochloromethane
Concen: 51.593 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion: 129 Resp: 350162
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.5





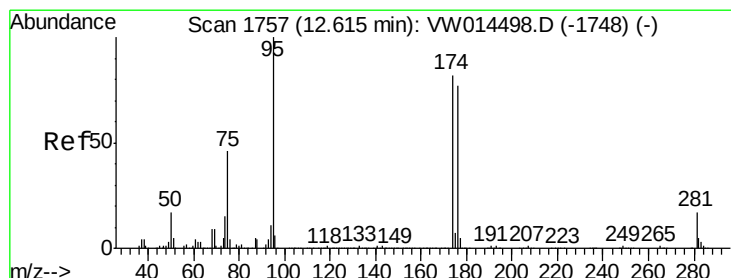
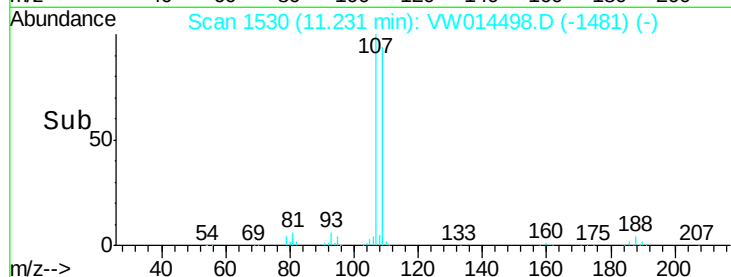
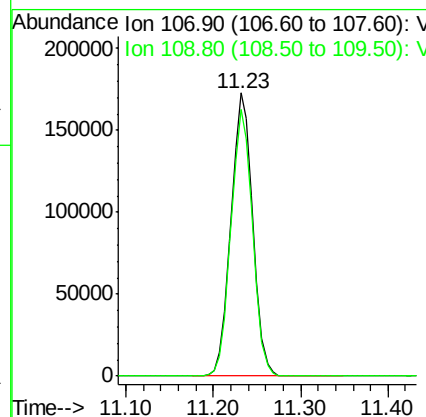
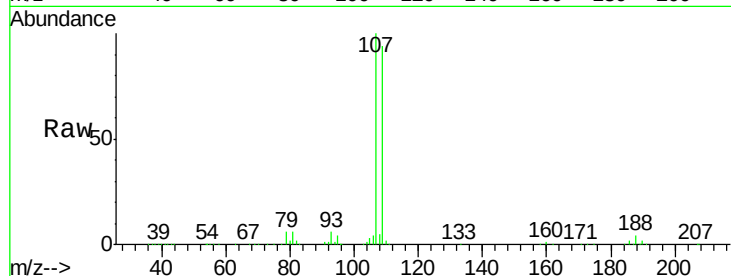
#61
 1,2-Dibromoethane
 Concen: 54.263 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.1	112.7

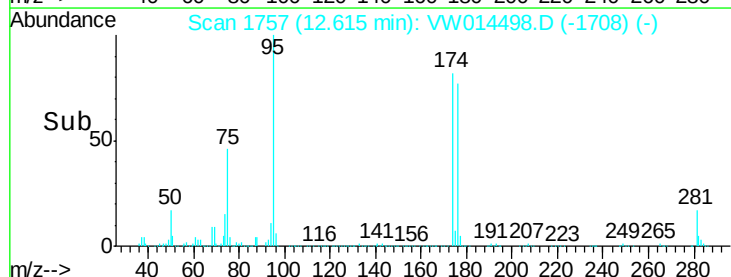
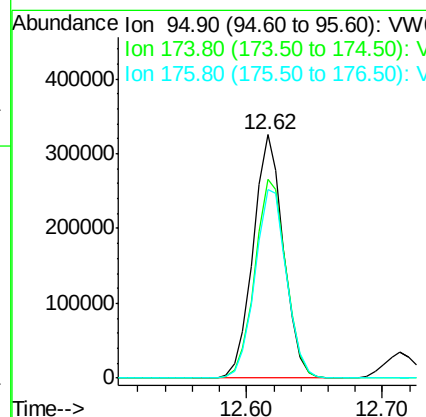
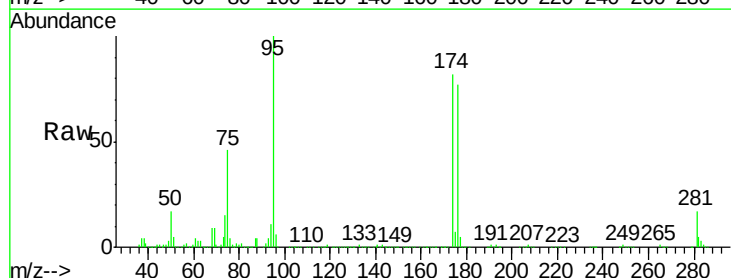
Manual Integrations
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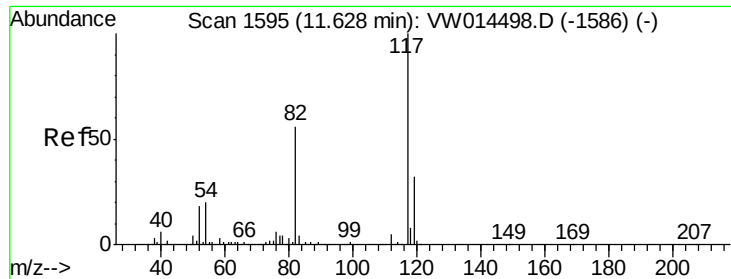
apatel
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#62
 4-Bromofluorobenzene
 Concen: 53.143 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	168.6
176	81.0	0.0	162.0





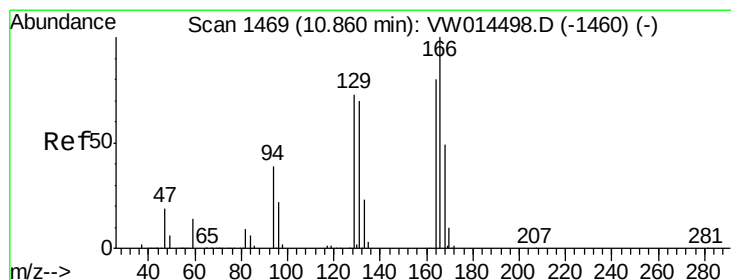
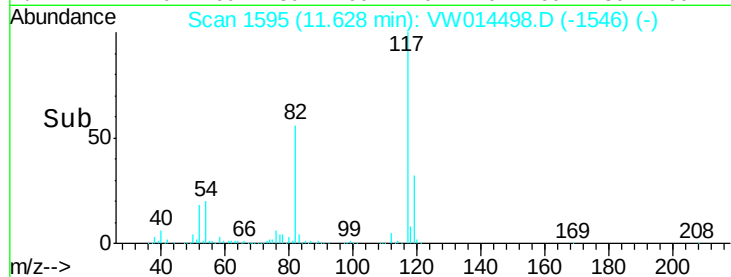
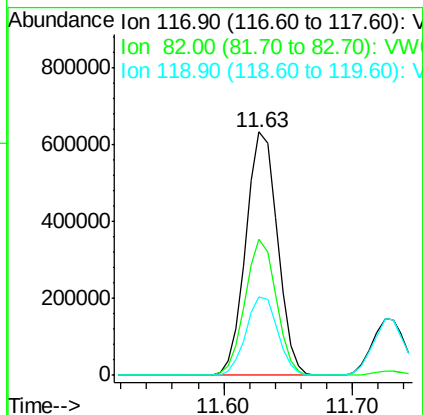
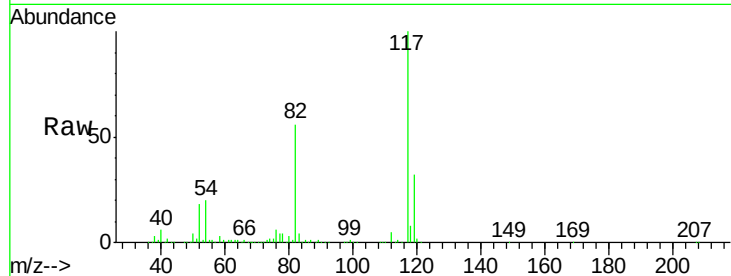
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.6	67.0
119	32.1	25.7	38.5

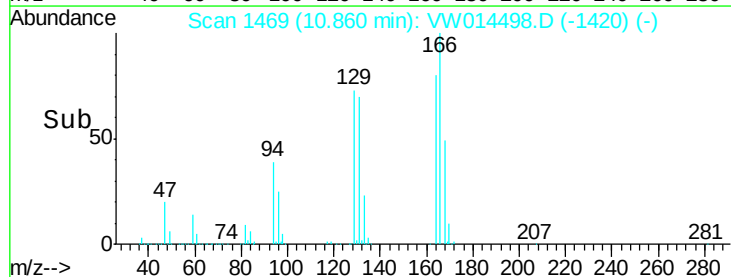
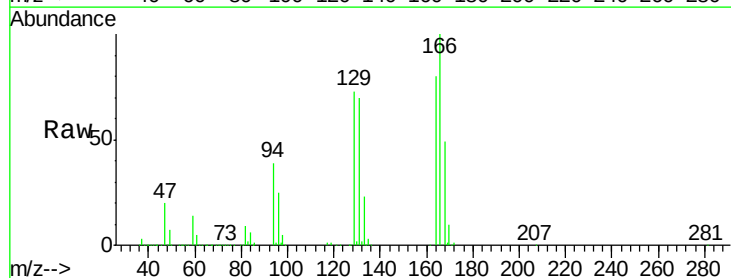
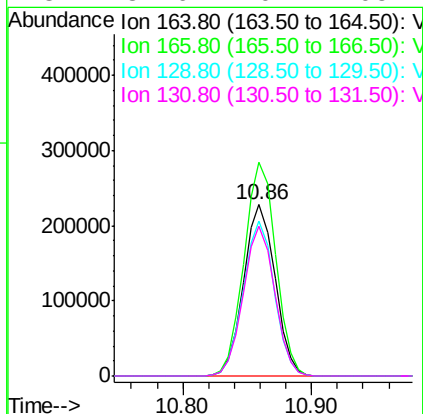
Manual Integrations
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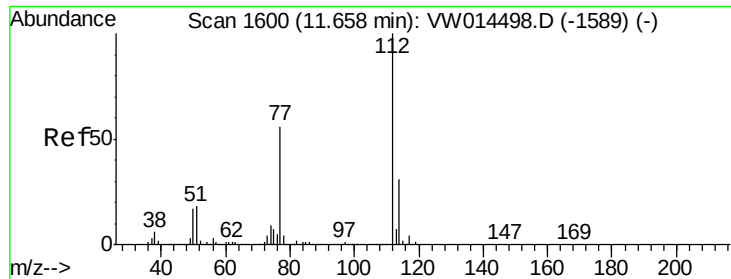
apatel
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#64
Tetrachloroethene
Concen: 47.233 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	99.8	149.6
129	90.5	72.4	108.6
131	87.6	70.1	105.1





#65

Chlorobenzene

Concen: 49.769 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 1098824

Ion Ratio Lower Upper

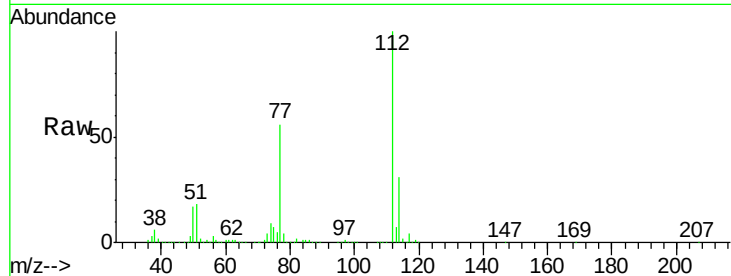
112 100

114 30.8 24.6 37.0

Manual Integrations
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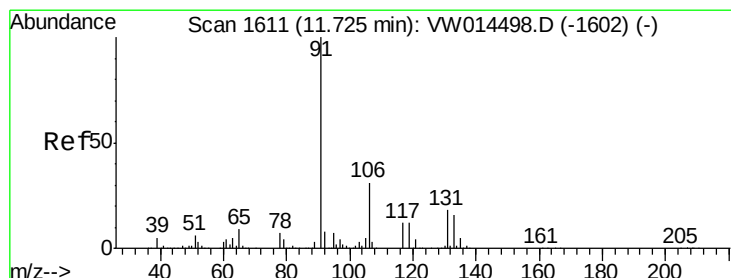
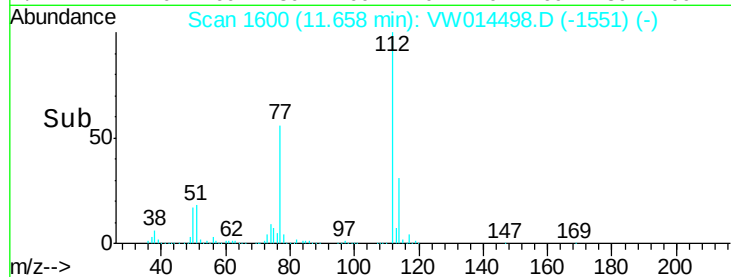
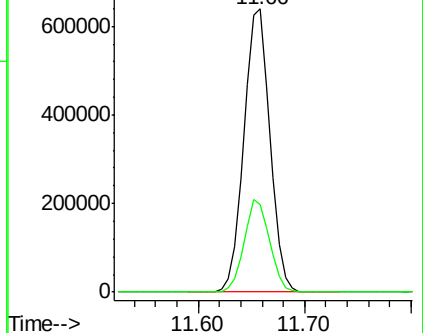
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.074 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

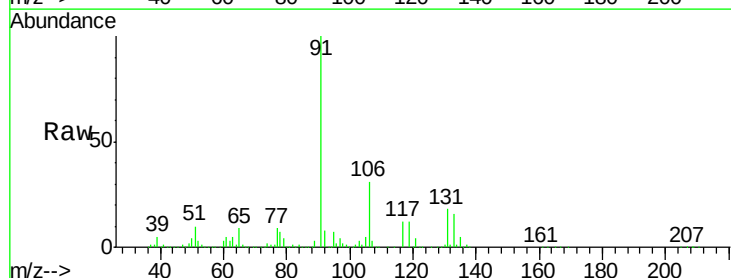
Tgt Ion:131 Resp: 376393

Ion Ratio Lower Upper

131 100

133 94.7 47.3 142.0

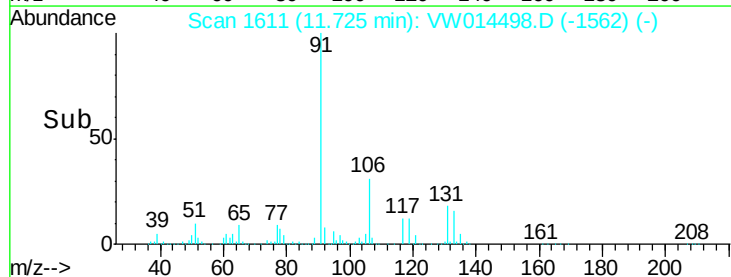
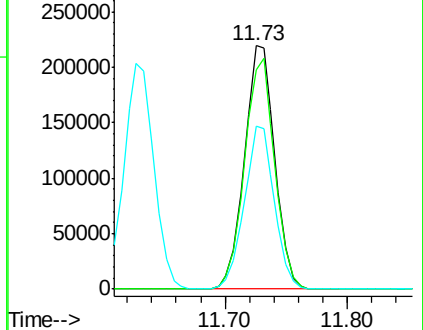
119 66.2 33.1 99.3

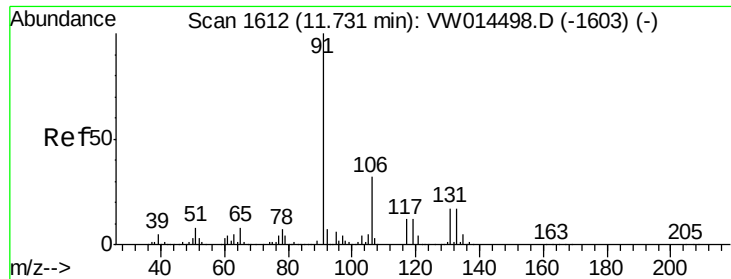


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





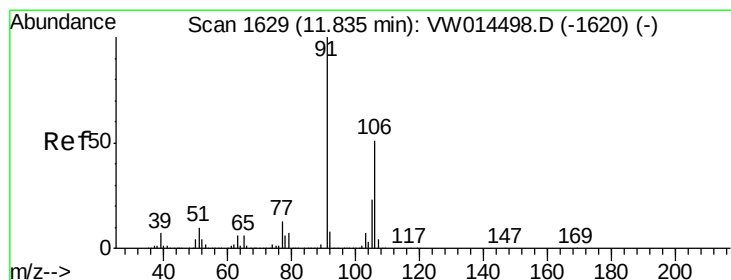
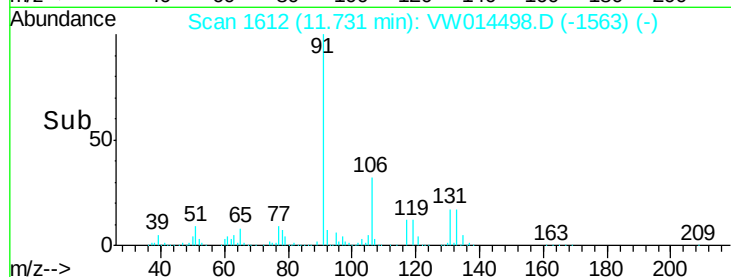
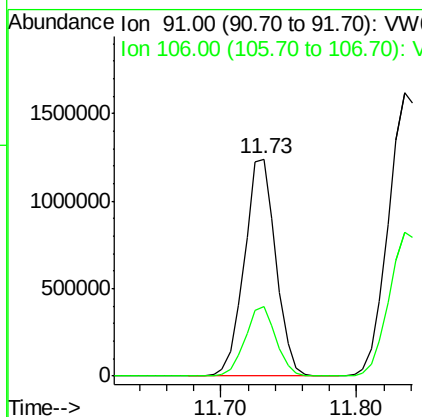
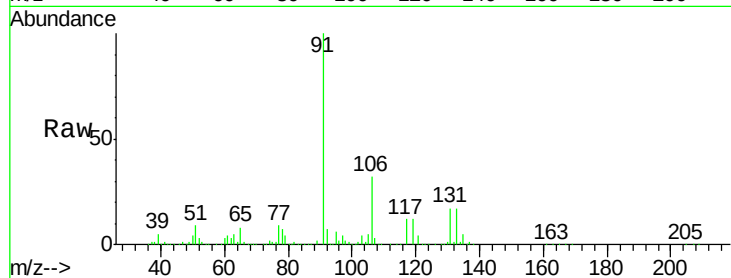
#67
Ethyl Benzene
Concen: 50.425 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 2006806
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

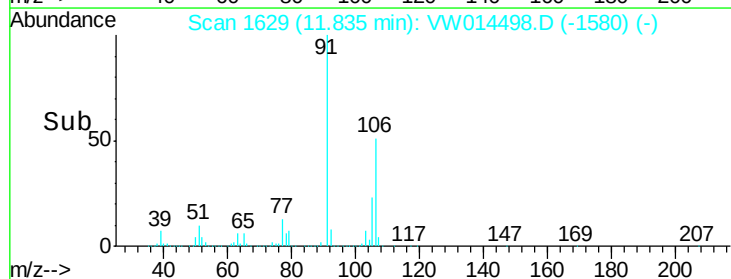
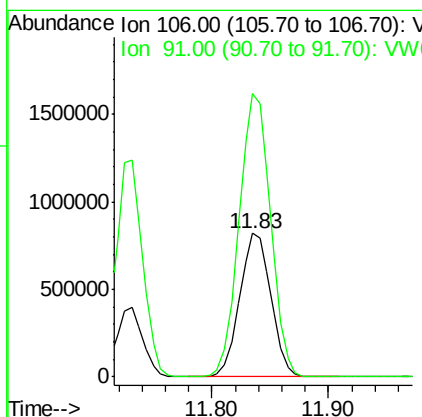
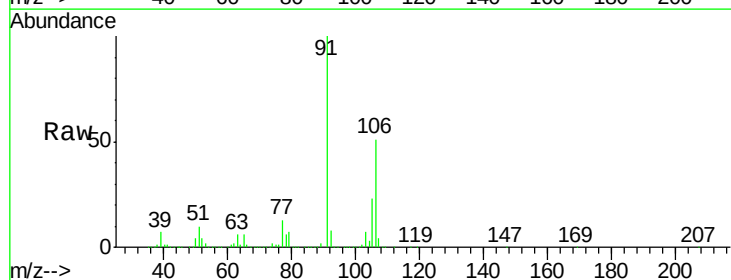
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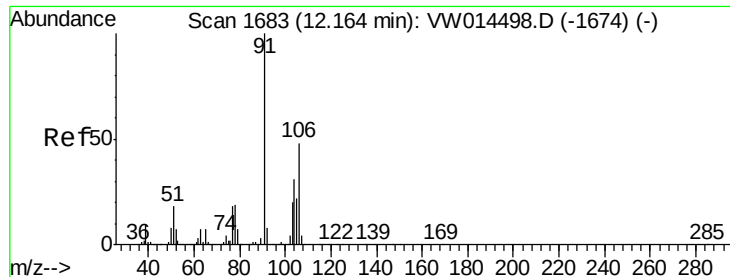
apatel
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#68
m/p-Xylenes
Concen: 99.835 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion: 106 Resp: 1533535
Ion Ratio Lower Upper
106 100
91 198.8 159.0 238.6





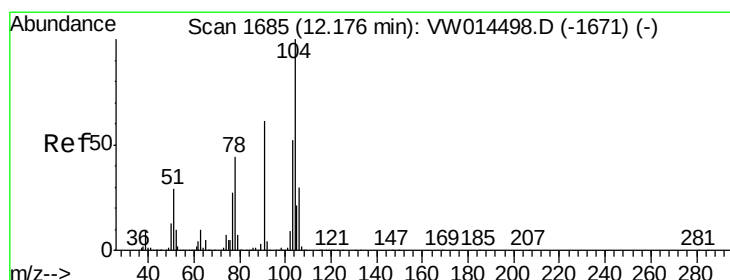
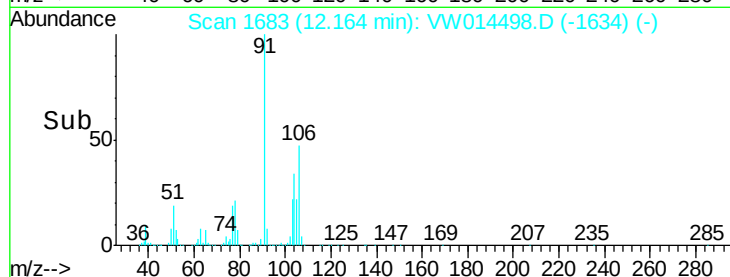
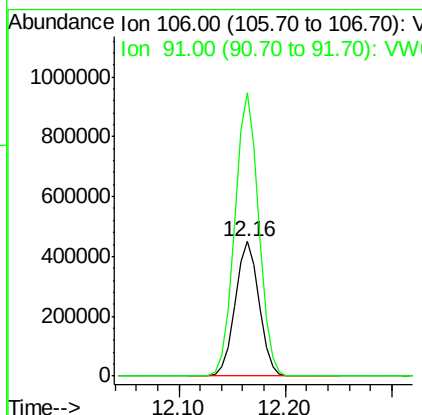
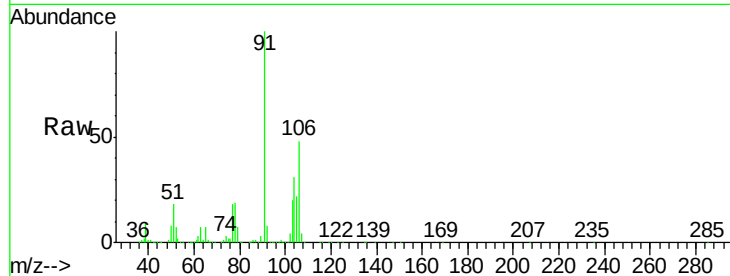
#69
o-Xylene
Concen: 50.065 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.4	105.2	315.6	

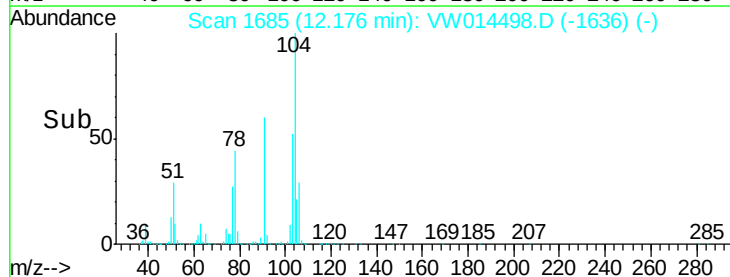
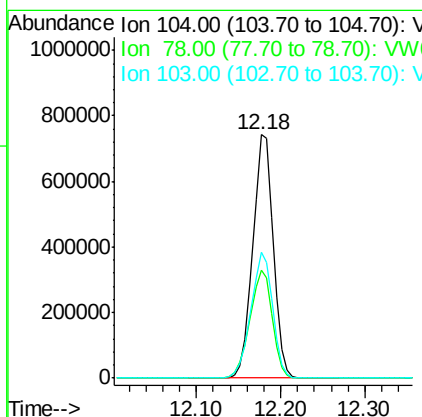
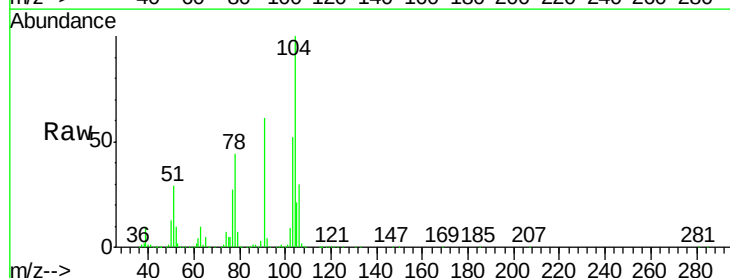
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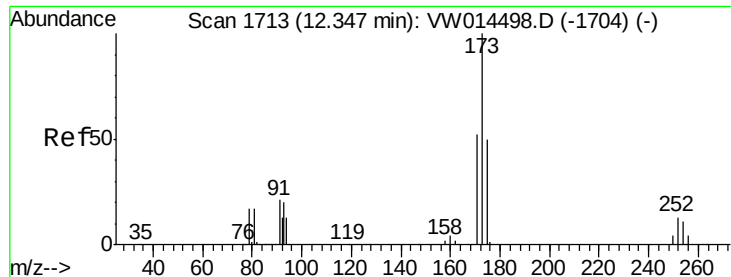
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#70
Styrene
Concen: 50.482 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.0	38.4	57.6	
103	54.6	43.7	65.5	





#71

Bromoform

Concen: 52.107 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion:173 Resp: 212921

Ion Ratio Lower Upper

173 100

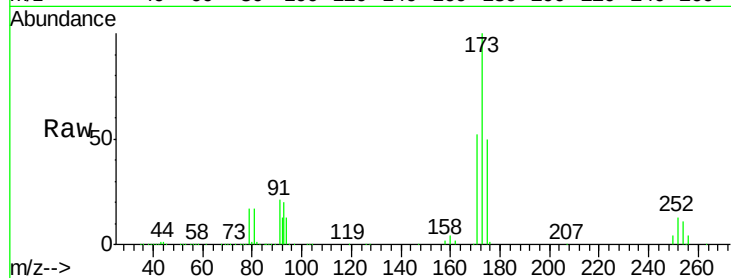
175 49.0 24.5 73.5

254 0.0 0.0 0.0#

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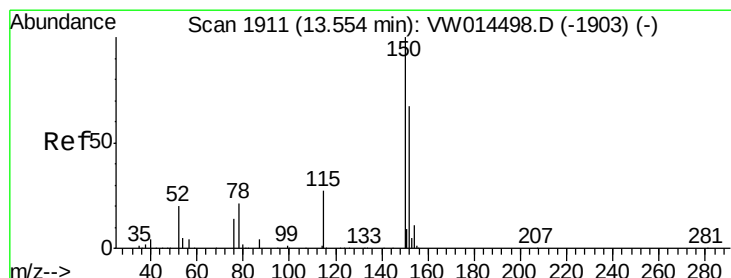
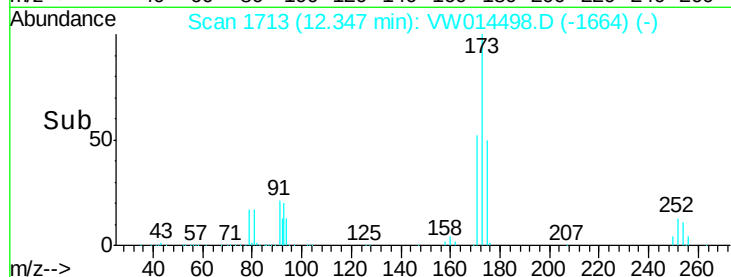
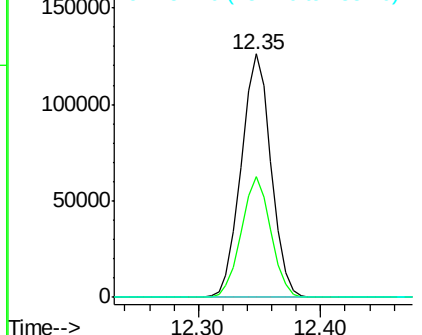
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

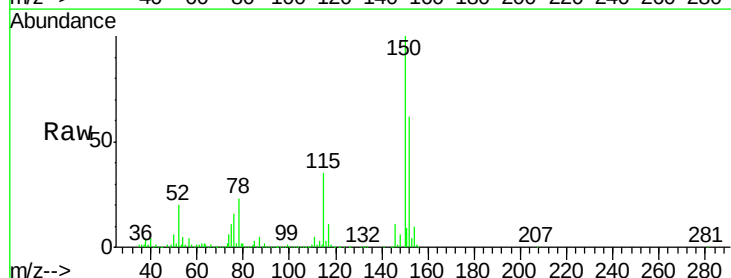
Tgt Ion:152 Resp: 539902

Ion Ratio Lower Upper

152 100

115 55.4 27.7 83.1

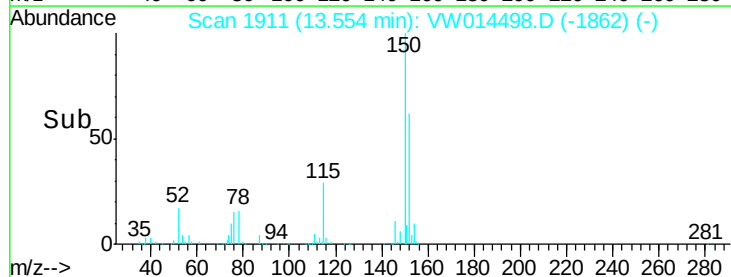
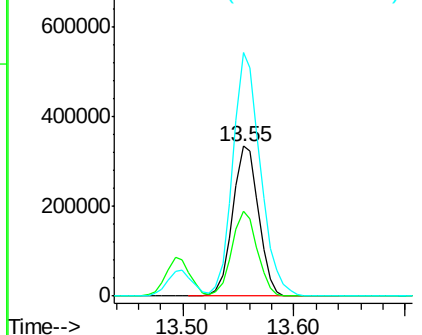
150 171.7 0.0 343.4

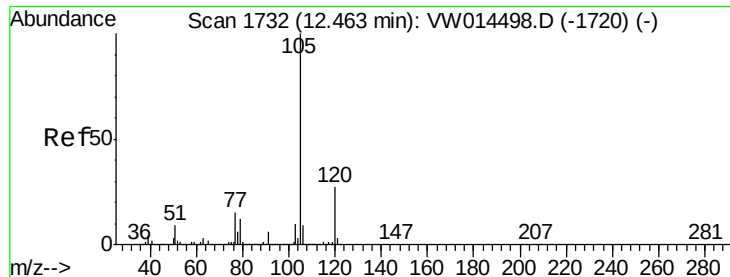


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.680 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion:105 Resp: 1968096

Ion Ratio Lower Upper

105 100

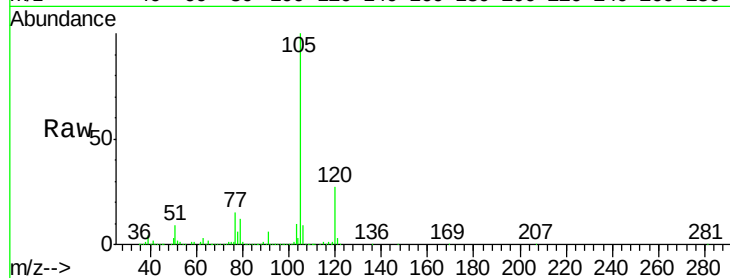
120 26.7 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

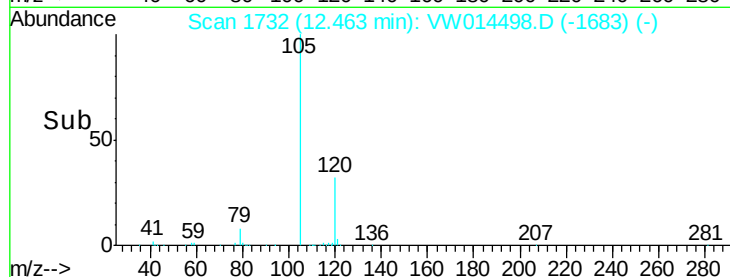
1500000

1000000

500000

0

Time-->

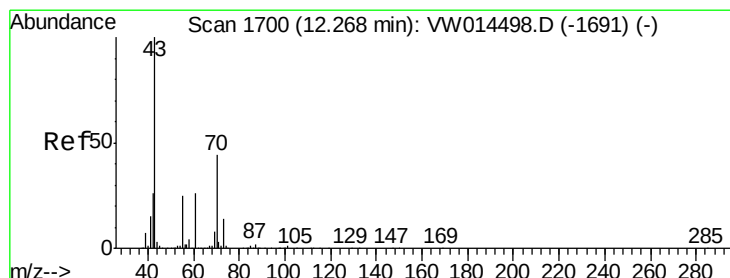


12.46

12.40

12.50

12.60



#74

N-ethyl acetate

Concen: 60.865 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tgt Ion: 43 Resp: 477939

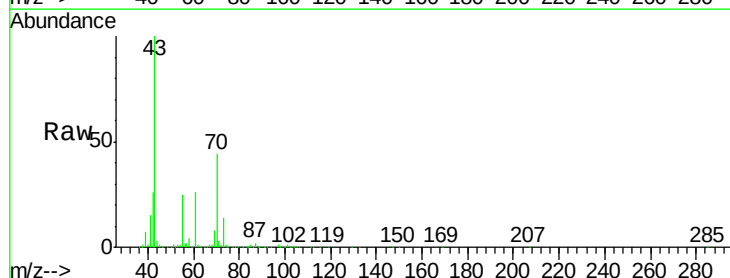
Ion Ratio Lower Upper

43 100

70 45.6 36.5 54.7

55 26.1 20.9 31.3

61 25.9 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

500000

400000

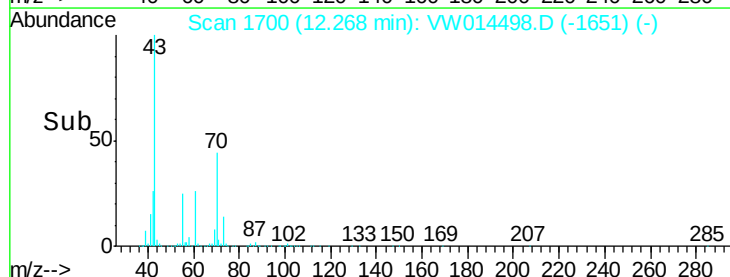
300000

200000

100000

0

Time-->

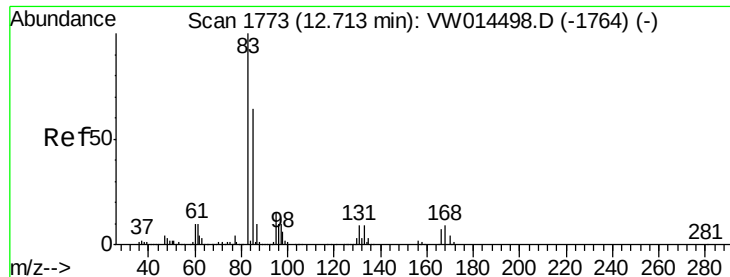


12.27

12.20

12.30

12.40



#75

1,1,2,2-Tetrachloroethane

Concen: 58.091 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

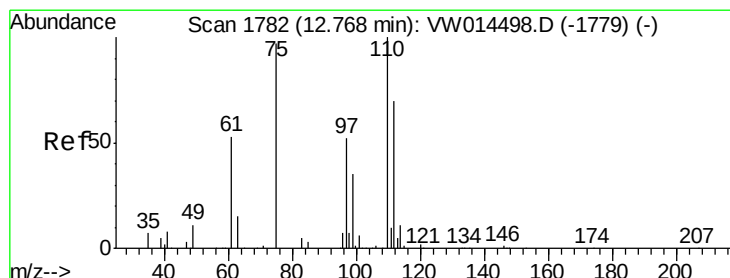
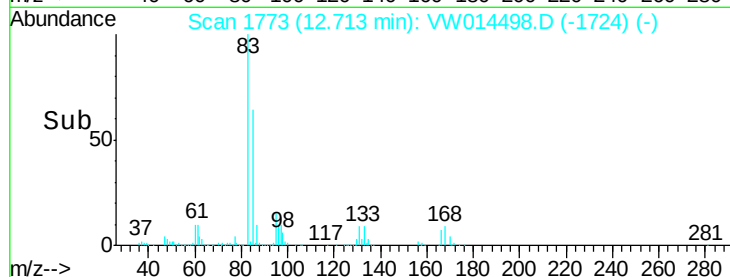
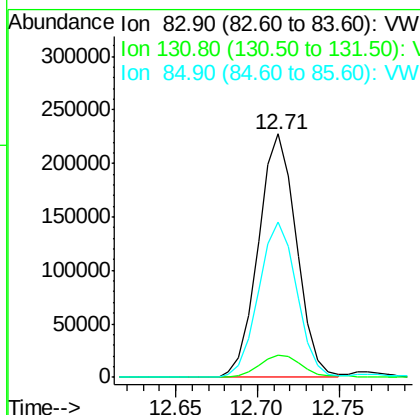
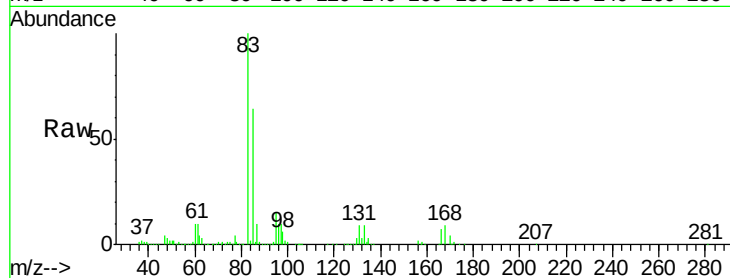
ClientSampled :

VSTDICCC050

Tot Ion:	83	Resp:	370335
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	63.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 67.076 ug/l m

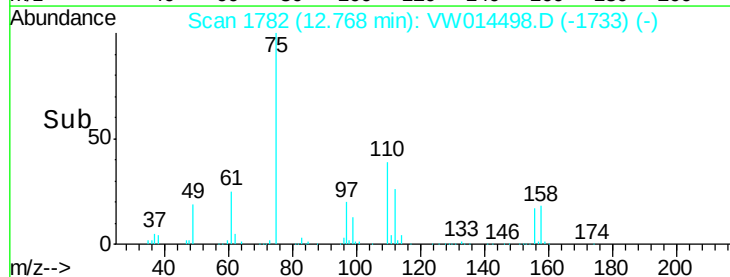
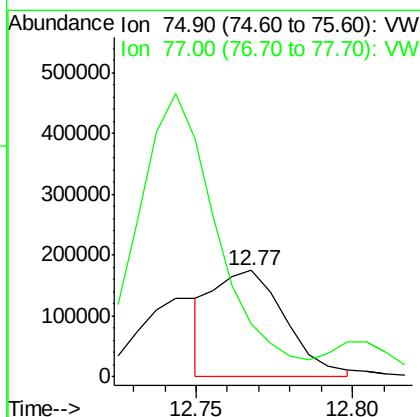
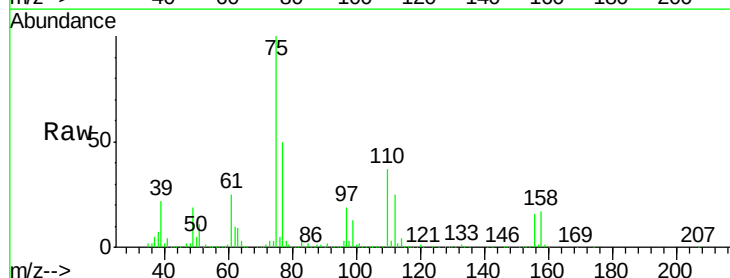
RT: 12.77 min Scan# 1782

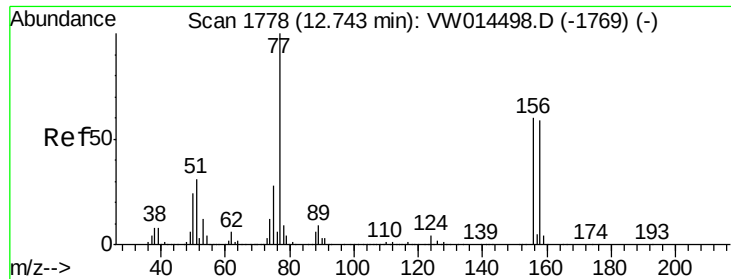
Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tgt Ion:	75	Resp:	282188
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.427 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 457088

Ion Ratio Lower Upper

156 100

77 184.7 92.3 277.1

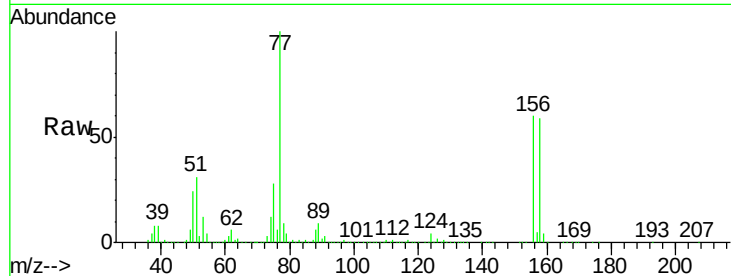
158 97.3 48.6 145.9

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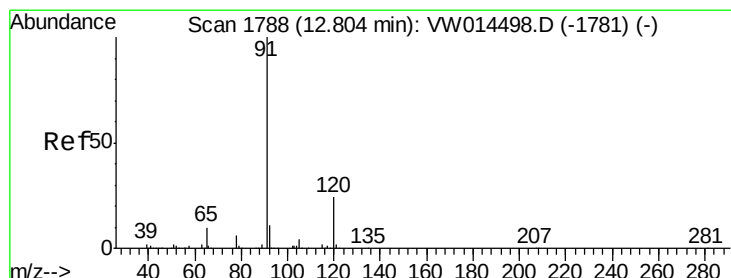
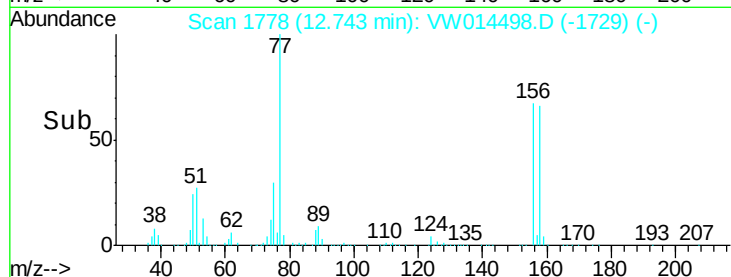
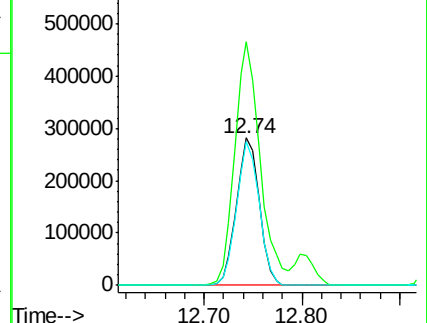
1/6/2020 10:43:19 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.334 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW014498.D

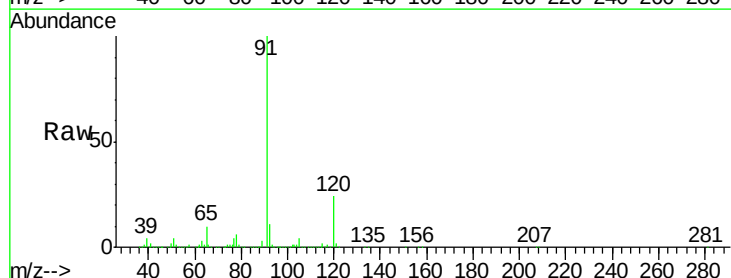
Acq: 03 Jan 2020 14:48

Tgt Ion: 91 Resp: 2311957

Ion Ratio Lower Upper

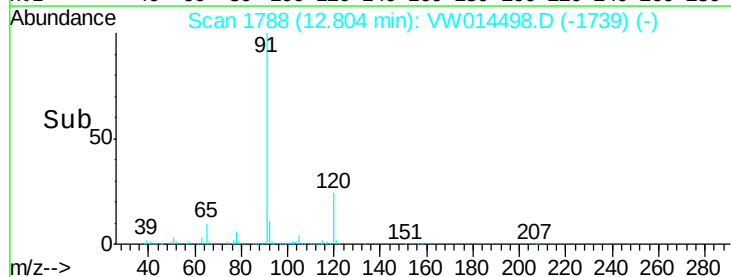
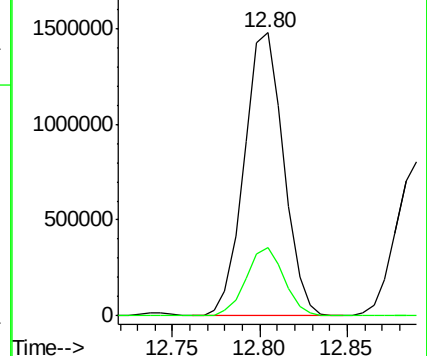
91 100

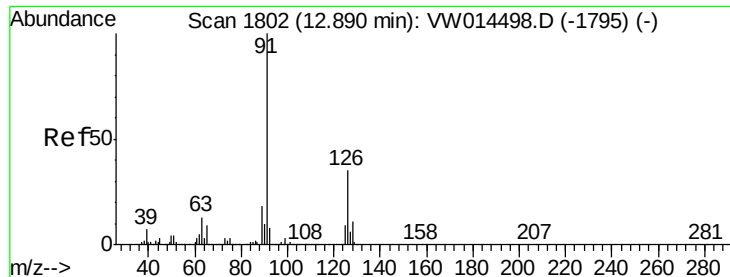
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.327 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 1300629

Ion Ratio Lower Upper

91 100

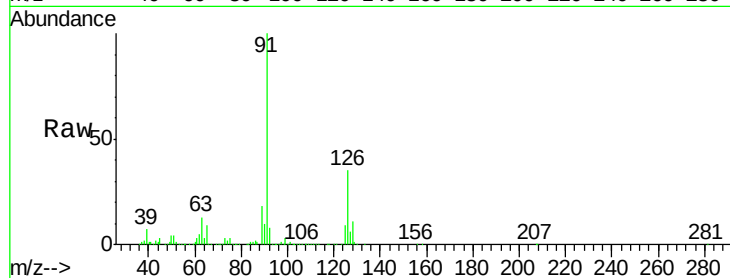
126 34.1 17.1 51.2

Manual Integrations

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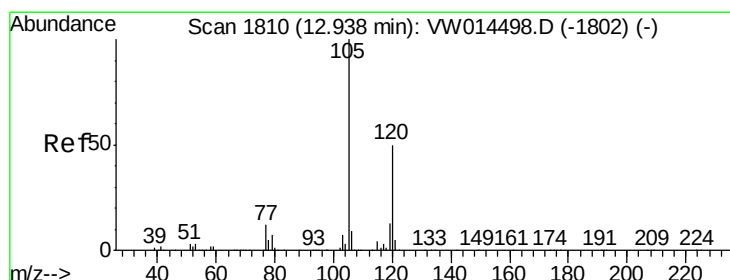
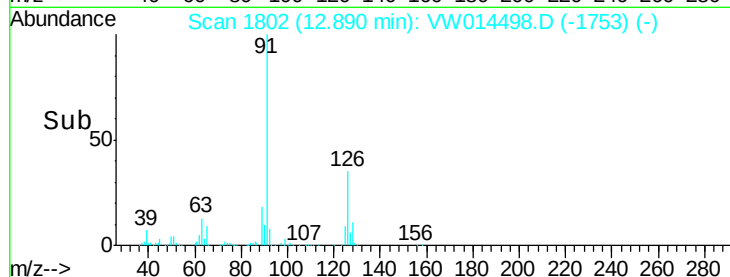
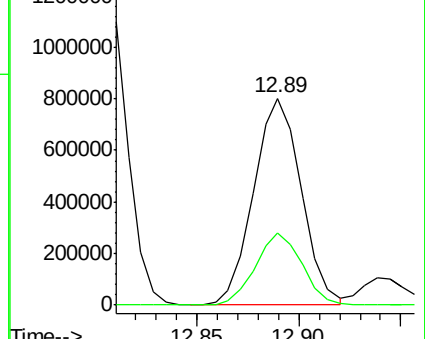
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.432 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW014498.D

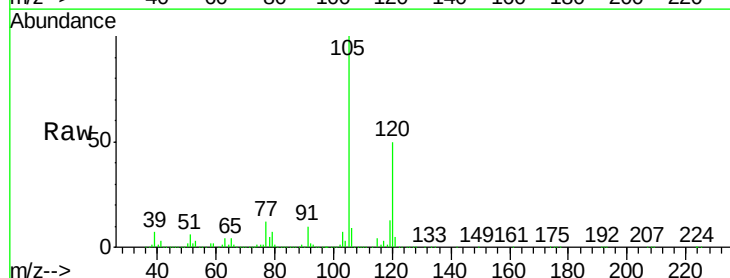
Acq: 03 Jan 2020 14:48

Tgt Ion:105 Resp: 1647709

Ion Ratio Lower Upper

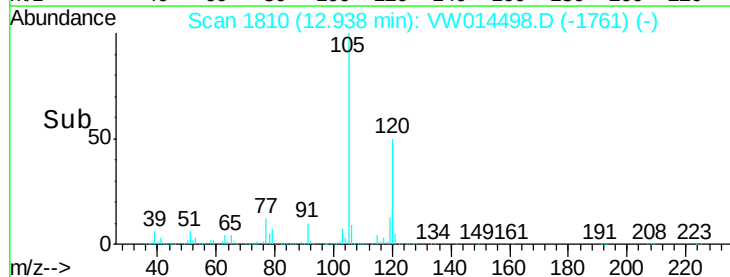
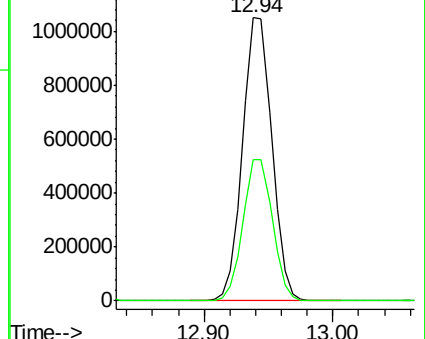
105 100

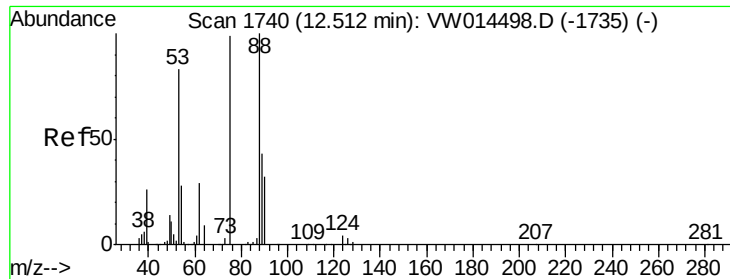
120 50.4 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





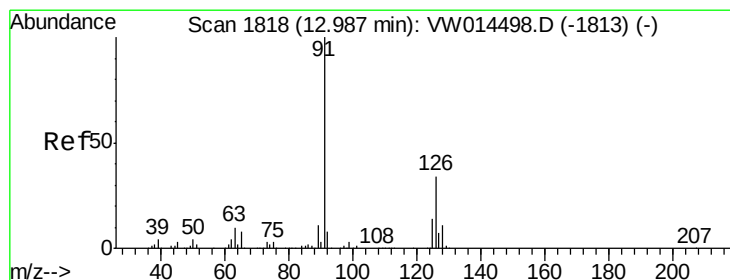
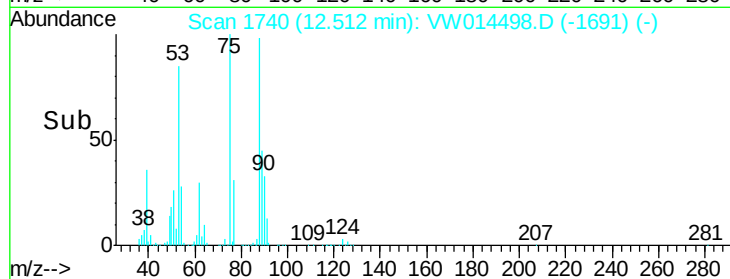
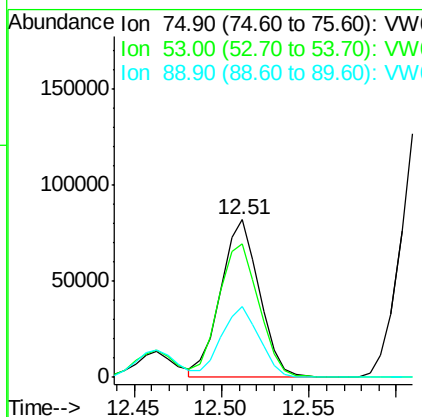
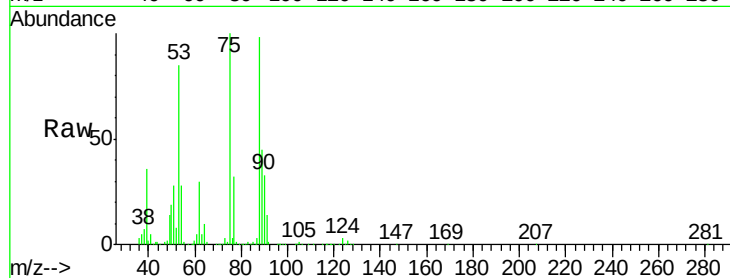
#81
trans-1,4-Dichloro-2-butene
Concen: 58.445 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.6	70.9	106.3
89	44.8	35.8	53.8

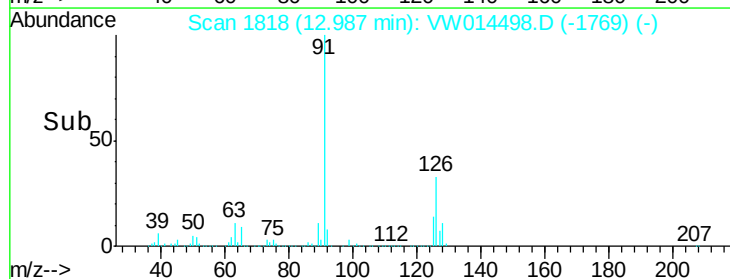
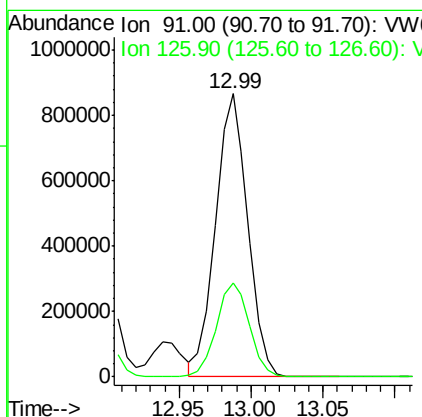
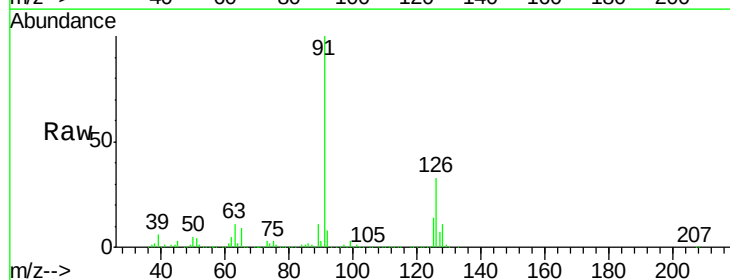
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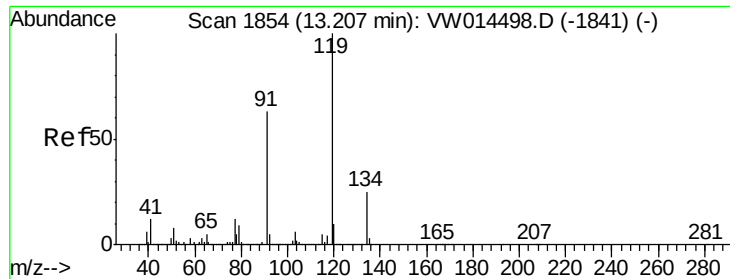
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#82
4-Chlorotoluene
Concen: 50.847 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.1	51.2





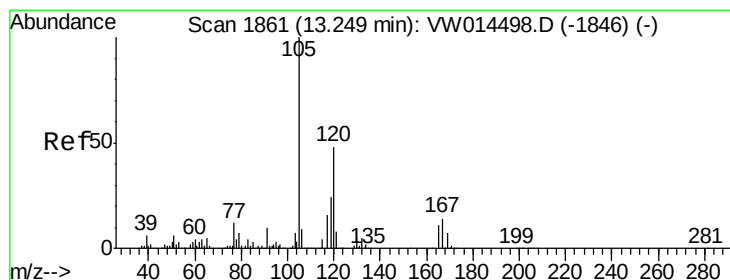
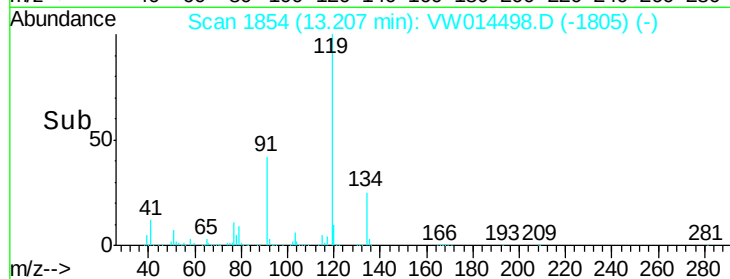
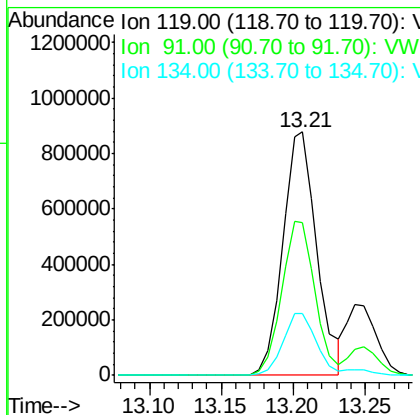
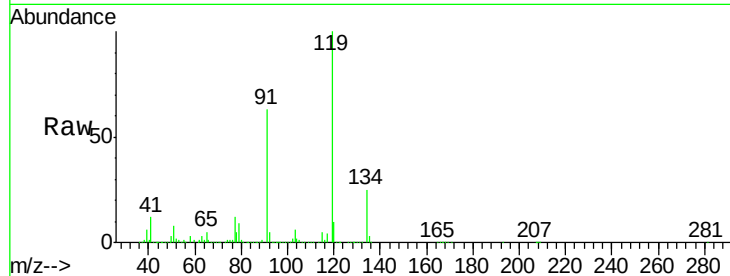
#83
 tert-Butylbenzene
 Concen: 49.980 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion:119 Resp: 1448644
 Ion Ratio Lower Upper
 119 100
 91 62.2 31.1 93.3
 134 27.0 13.5 40.5

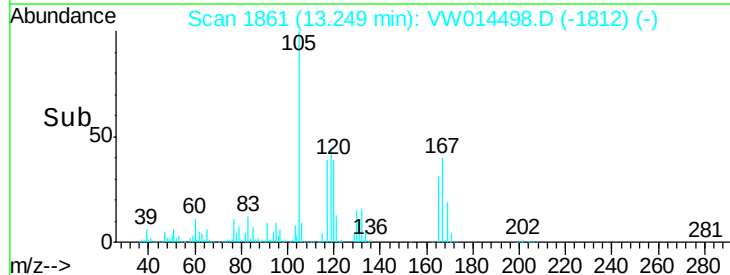
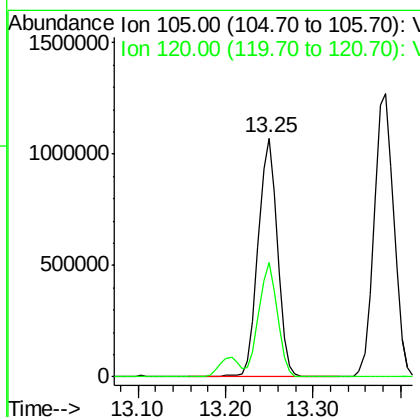
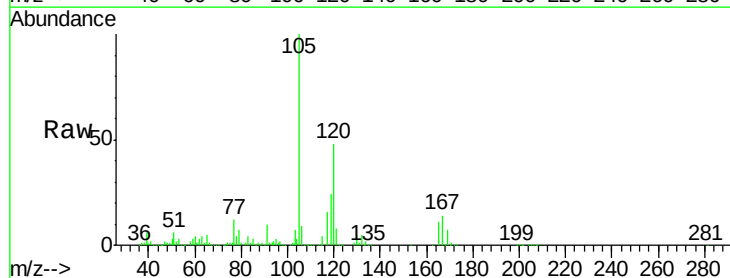
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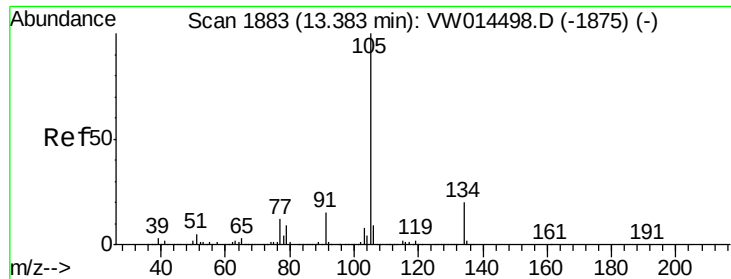
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.897 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion:105 Resp: 1643270
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0





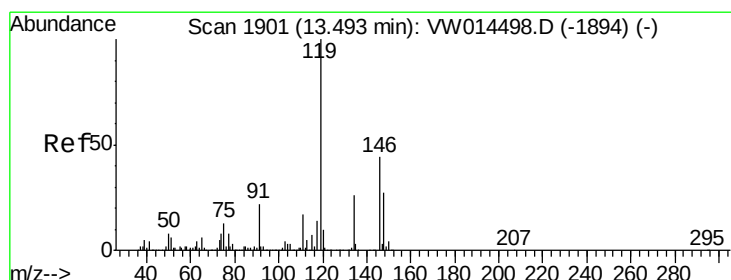
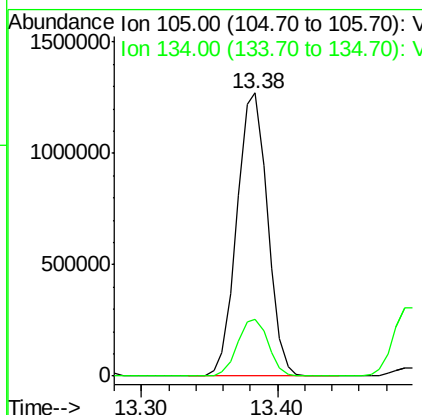
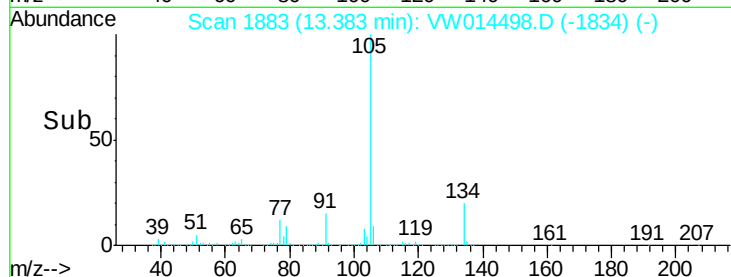
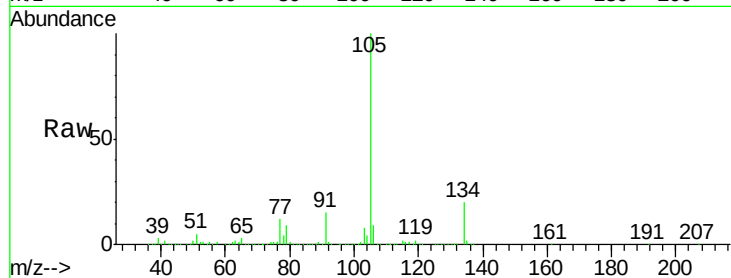
#85
 sec-Butylbenzene
 Concen: 50.255 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion:105 Resp: 1995571
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

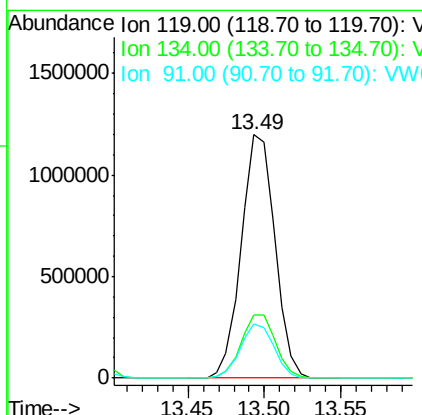
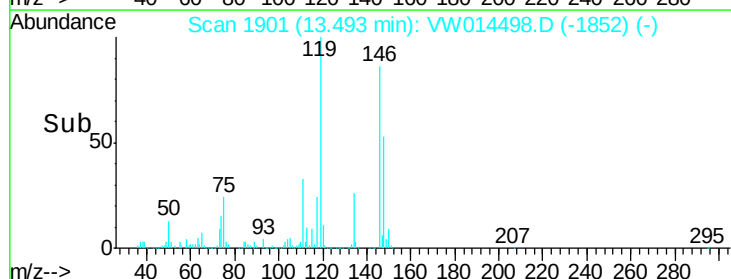
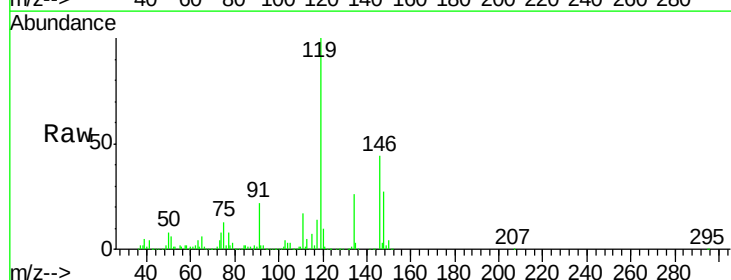
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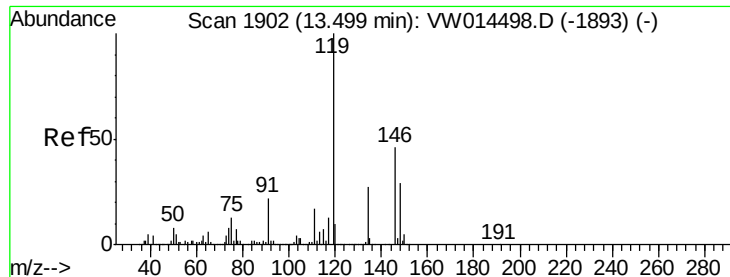
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#86
 p-Isopropyltoluene
 Concen: 49.641 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion:119 Resp: 1830321
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 22.2 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 49.281 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

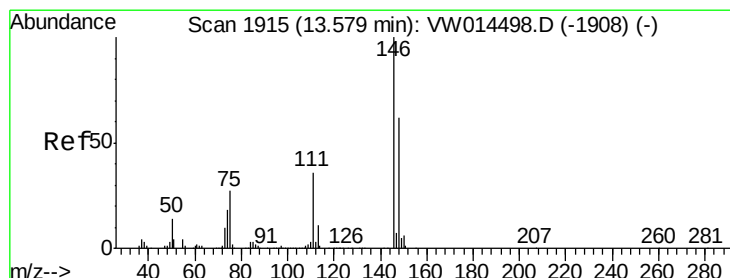
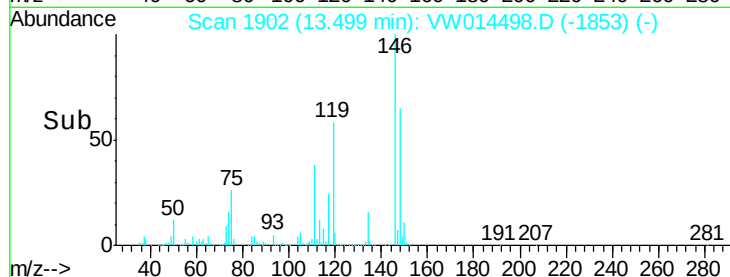
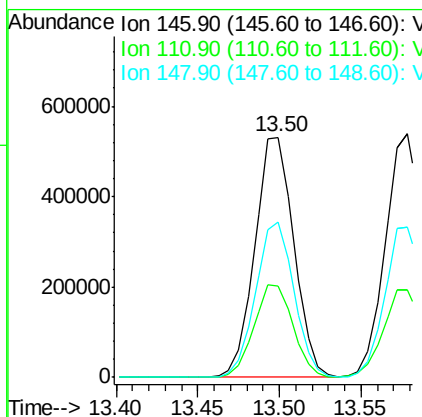
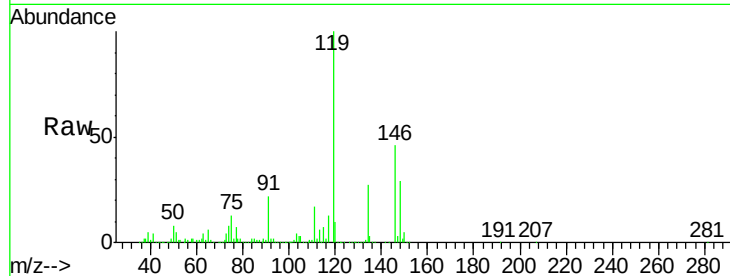
Instrument :
MSVOA_W

ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	63.6	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.918 ug/l

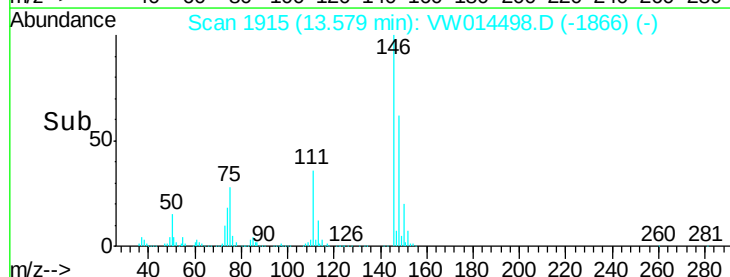
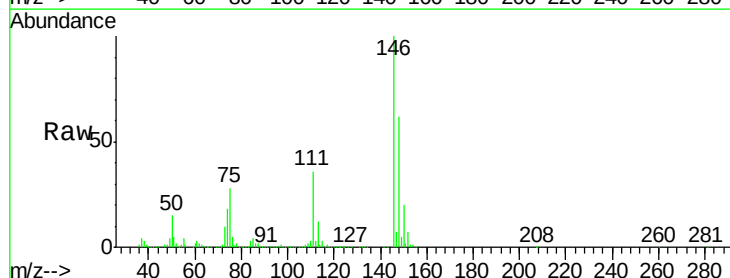
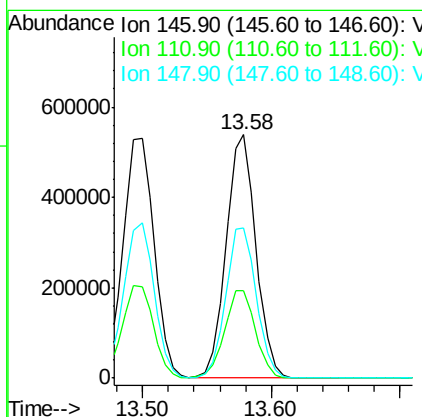
RT: 13.58 min Scan# 1915

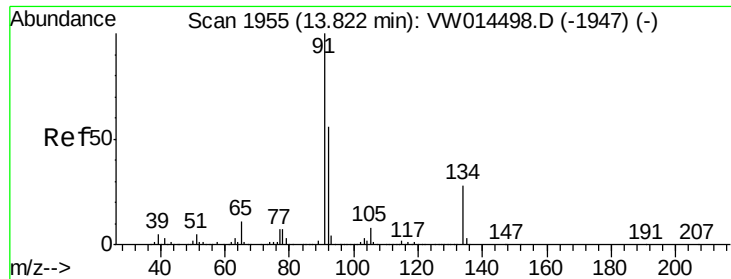
Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	63.4	31.7	95.1





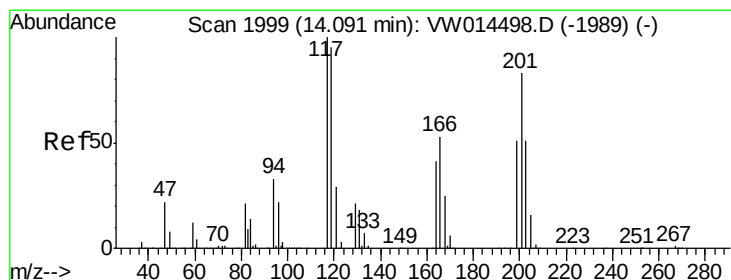
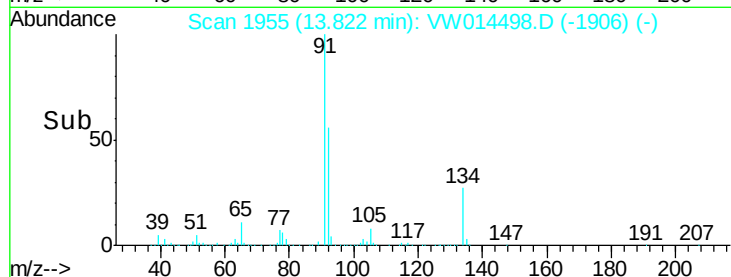
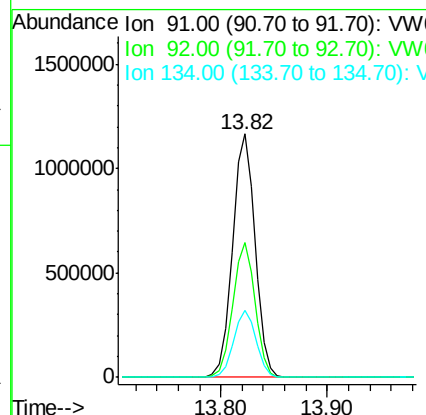
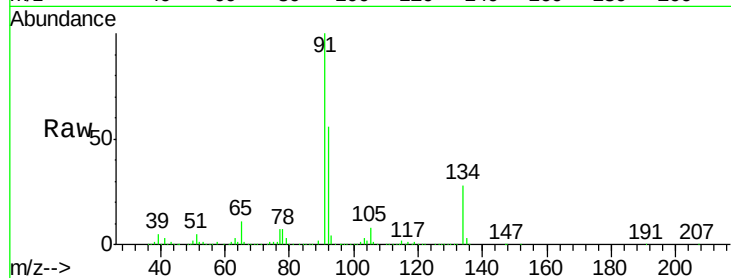
#89
n-Butylbenzene
Concen: 51.514 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1722930
Ion Ratio Lower Upper
91 100
92 55.0 27.5 82.5
134 27.4 13.7 41.1

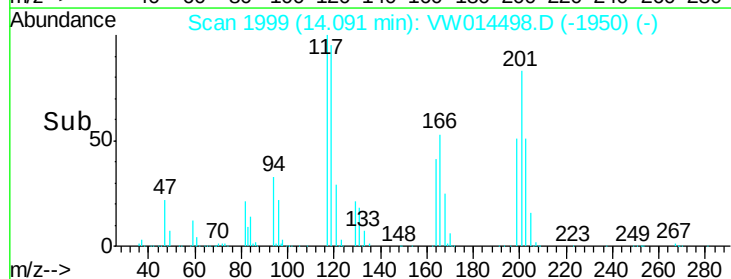
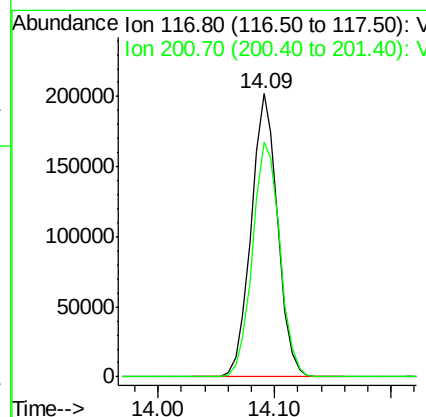
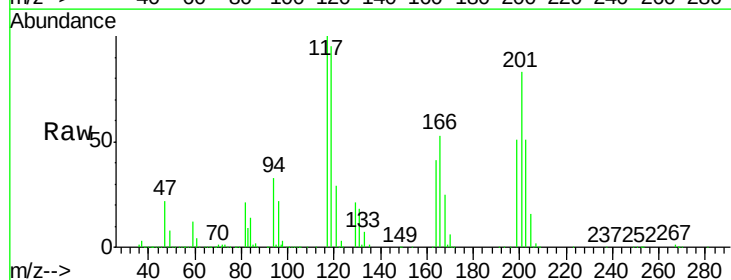
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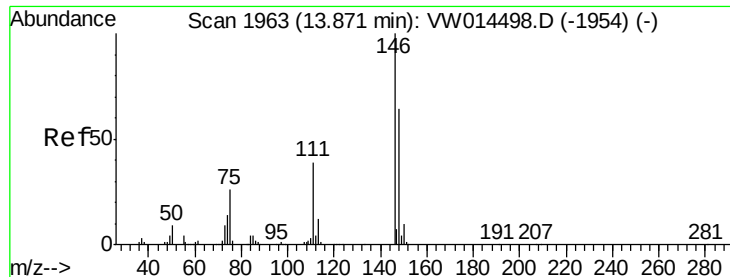
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#90
Hexachloroethane
Concen: 49.778 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion: 117 Resp: 318699
Ion Ratio Lower Upper
117 100
201 85.9 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 49.632 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

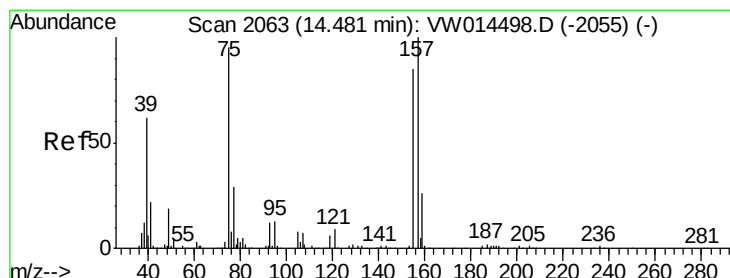
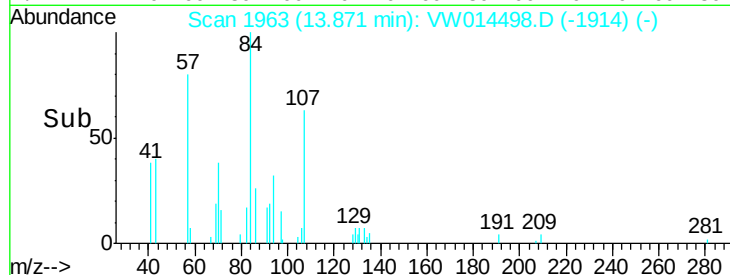
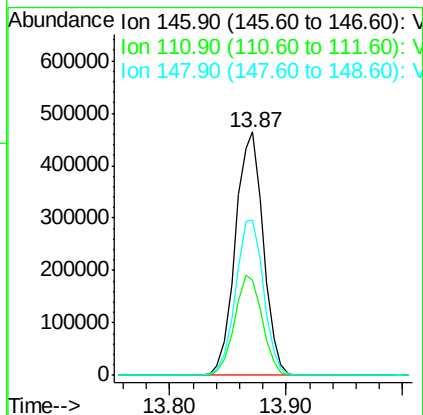
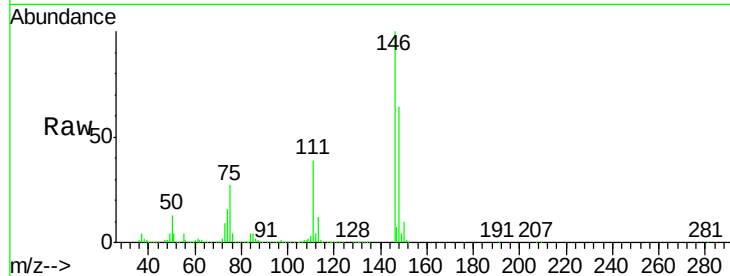
ClientSampled :

VSTDICCC050

Tot Ion:	146	Resp:	772600
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.4	61.3
148	64.5	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 61.206 ug/l

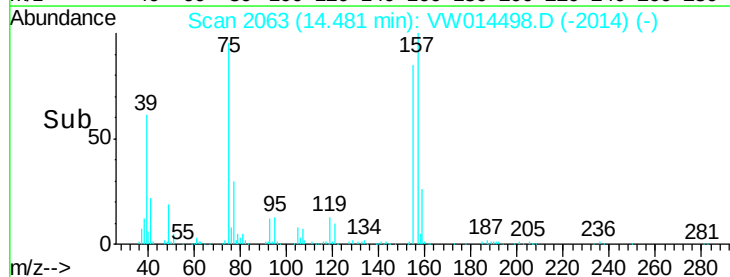
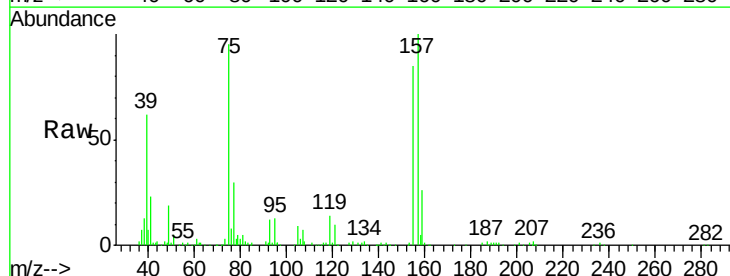
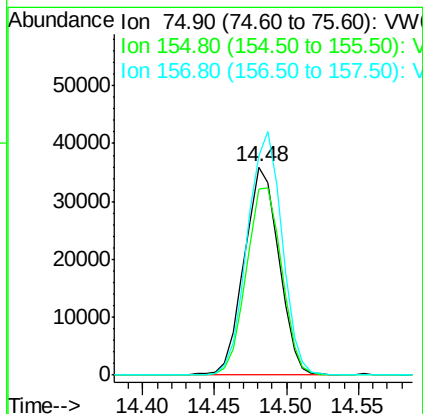
RT: 14.48 min Scan# 2063

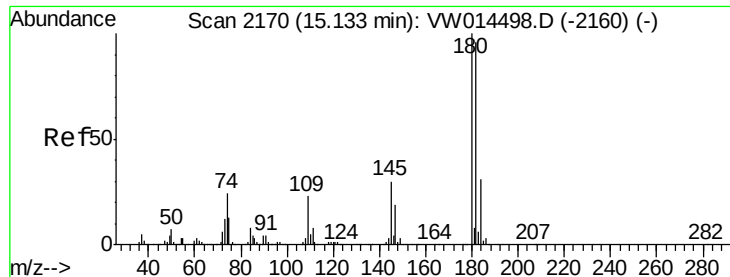
Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tgt Ion:	75	Resp:	59924
Ion Ratio	Lower	Upper	
75	100		
155	91.6	45.8	137.4
157	116.1	58.1	174.2





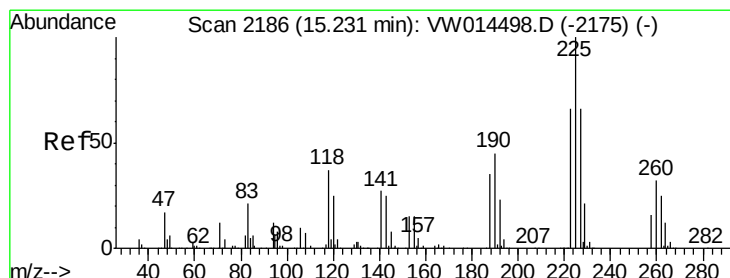
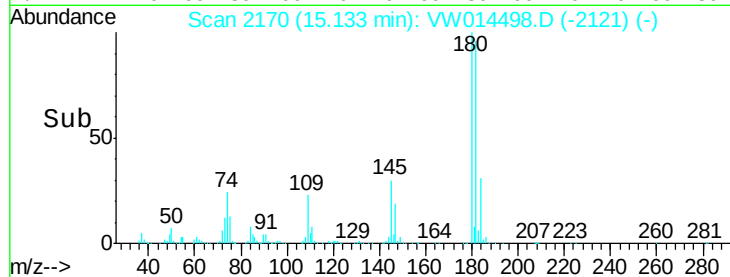
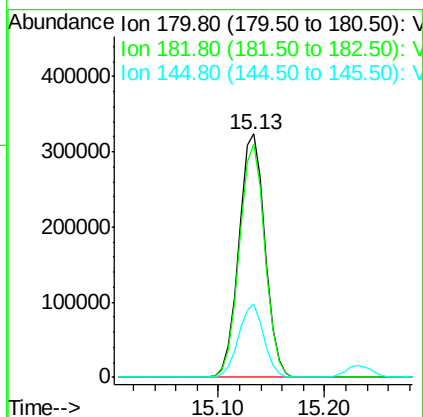
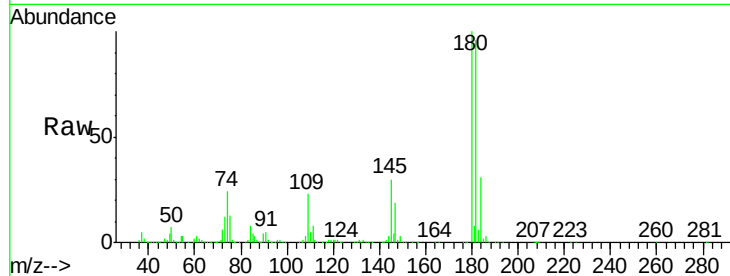
#93
 1,2,4-Trichlorobenzene
 Concen: 49.254 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	554559		
182	94.5	47.3	141.8	
145	29.4	14.7	44.1	

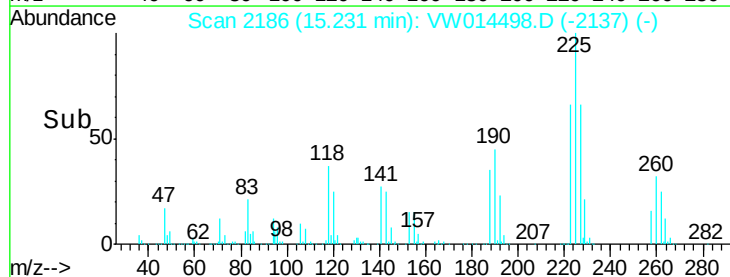
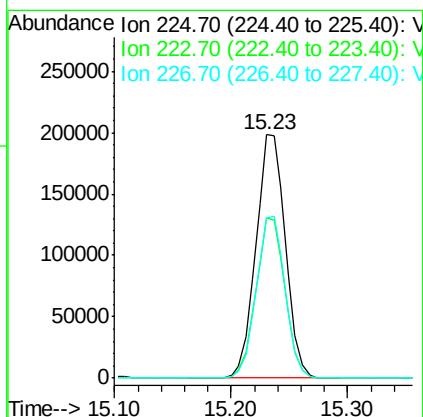
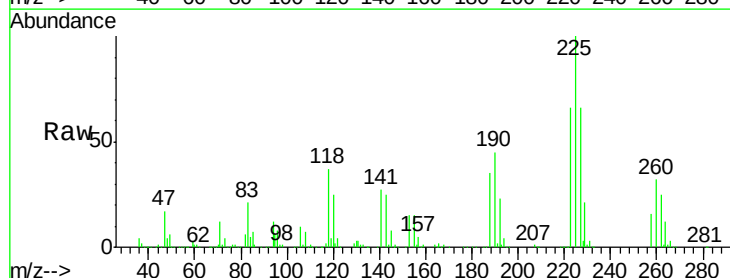
Manual Integrations
 APPROVED

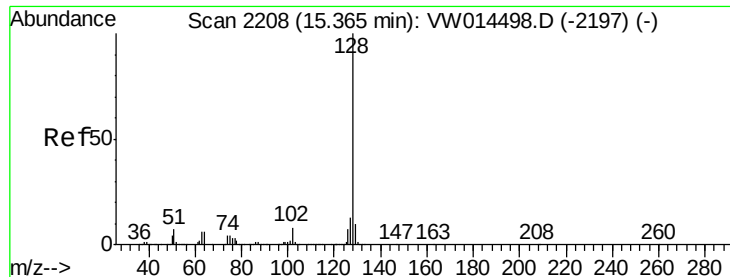
apatel
 1/6/2020 10:43:19 AM



#94
 Hexachlorobutadiene
 Concen: 46.181 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	348892		
223	64.8	32.4	97.2	
227	65.2	32.6	97.8	





#95

Naphthalene

Concen: 56.842 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion:128 Resp: 1030137

Ion Ratio Lower Upper

128 100

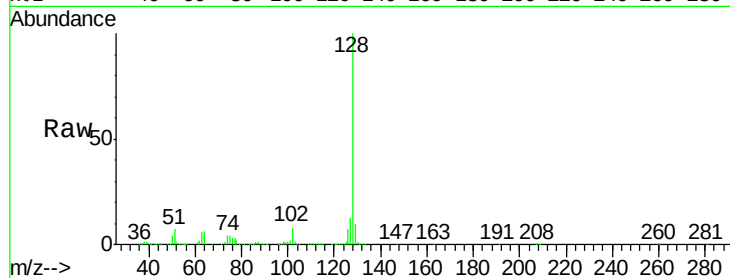
127 13.2 10.6 15.8

129 10.9 8.7 13.1

Manual Integrations
APPROVED

apatel

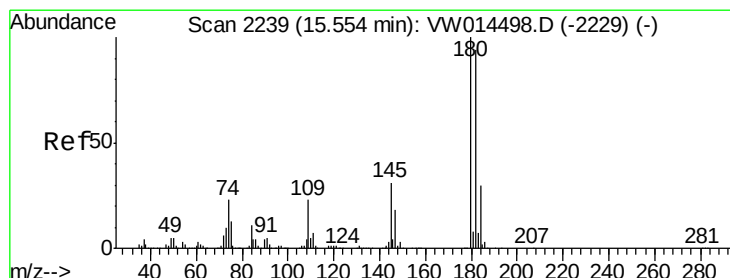
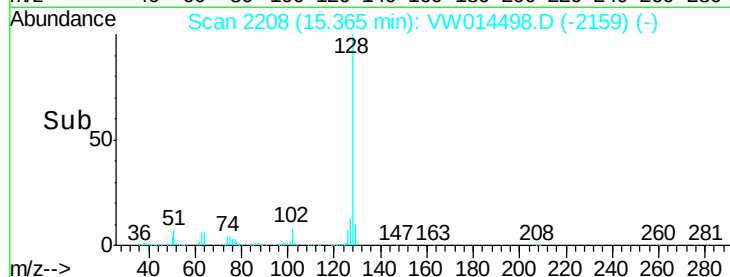
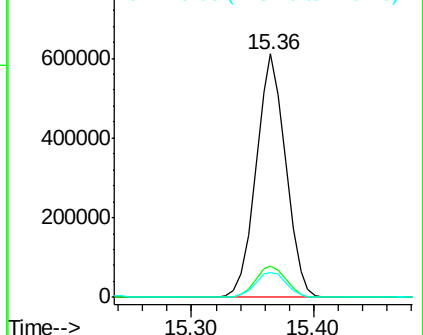
1/6/2020 10:43:19 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.055 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

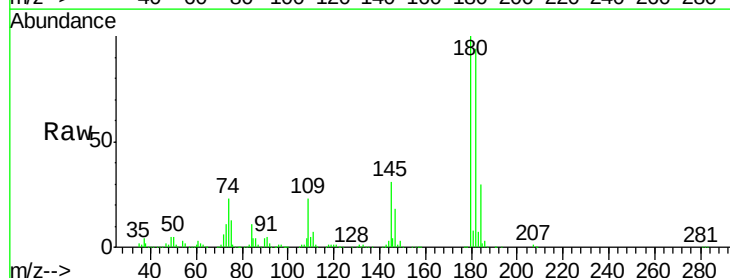
Tgt Ion:180 Resp: 487358

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

145 31.0 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

