

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014501.D
 Acq On : 03 Jan 2020 16:19
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW010320

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:43:27 AM

Quant Time: Jan 06 00:49:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	843518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1269257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1074407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	528957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	369851	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	7.88	113	372731	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	10.32	98	1584912	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.62	95	529256	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	243352	51.096	ug/l	100
3) Chloromethane	2.21	50	286472	49.141	ug/l	96
4) Vinyl Chloride	2.36	62	440734	51.401	ug/l	99
5) Bromomethane	2.77	94	281683	53.180	ug/l	98
6) Chloroethane	2.92	64	260102	53.215	ug/l	100
7) Trichlorofluoromethane	3.25	101	250081	58.293	ug/l	96
8) Diethyl Ether	3.68	74	220605	51.682	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	422115	52.660	ug/l	99
10) Methyl Iodide	4.26	142	622119	51.438	ug/l	99
11) Tert butyl alcohol	5.16	59	154441	273.779	ug/l	100
12) 1,1-Dichloroethene	4.04	96	443320	52.812	ug/l	98
13) Acrolein	3.88	56	167163	259.693	ug/l	100
14) Allyl chloride	4.66	41	698503	54.452	ug/l	99
15) Acrylonitrile	5.35	53	495425	253.920	ug/l	100
16) Acetone	4.11	43	561303	269.539	ug/l	99
17) Carbon Disulfide	4.38	76	1335211	52.775	ug/l	98
18) Methyl Acetate	4.66	43	247656	49.242	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	543504	52.160	ug/l	98
20) Methylene Chloride	4.91	84	448925	53.626	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	468801	52.596	ug/l	96
22) Diisopropyl ether	6.31	45	1254537	52.250	ug/l	99
23) Vinyl Acetate	6.24	43	3841038	264.921	ug/l	100
24) 1,1-Dichloroethane	6.21	63	789505	52.128	ug/l	99
25) 2-Butanone	7.16	43	670236	250.793	ug/l	98
26) 2,2-Dichloropropane	7.16	77	433076	51.648	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	492955	52.634	ug/l	99
28) Bromochloromethane	7.51	49	314997	53.050	ug/l	98
29) Tetrahydrofuran	7.52	42	408138	246.518	ug/l	99
30) Chloroform	7.67	83	730669	51.590	ug/l	99
31) Cyclohexane	7.95	56	796368	50.596	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	601816	52.834	ug/l	99
36) 1,1-Dichloropropene	8.08	75	647512	52.918	ug/l	100
37) Ethyl Acetate	7.24	43	279258	50.321	ug/l	98
38) Carbon Tetrachloride	8.06	117	564023	53.131	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	849345	54.089	ug/l	99
40) Benzene	8.32	78	1794257	51.826	ug/l	100
41) Methacrylonitrile	7.48	41	155941	50.409	ug/l	99
42) 1,2-Dichloroethane	8.40	62	454629	50.602	ug/l	100
43) Isopropyl Acetate	8.42	43	506288	50.240	ug/l	100
44) Trichloroethene	9.09	130	491178	52.431	ug/l	96
45) 1,2-Dichloropropane	9.37	63	438052	51.563	ug/l	96
46) Dibromomethane	9.45	93	212949	50.775	ug/l	99
47) Bromodichloromethane	9.64	83	540936	52.242	ug/l	99
48) Methyl methacrylate	9.43	41	251839	51.185	ug/l	99
49) 1,4-Dioxane	9.44	88	82297	1049.141	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	1320053	252.247	ug/l	99
52) Toluene	10.38	92	1147537	52.687	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	572180	53.371	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	695788	53.102	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	315144	51.450	ug/l	98
56) Ethyl methacrylate	10.64	69	422022	53.015	ug/l	99
57) 1,3-Dichloropropane	10.93	76	552148	51.290	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	630942	260.612	ug/l	100
59) 2-Hexanone	10.96	43	930988	258.169	ug/l	100
60) Dibromochloromethane	11.13	129	362856	52.503	ug/l	100
61) 1,2-Dibromoethane	11.23	107	296938	51.071	ug/l	99
64) Tetrachloroethene	10.86	164	406433	52.252	ug/l	98
65) Chlorobenzene	11.65	112	1161779	52.781	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.72	131	399893	53.959	ug/l	99
67) Ethyl Benzene	11.72	91	2138360	53.907	ug/l	97
68) m/p-Xylenes	11.83	106	1627369	107.192	ug/l	100
69) o-Xylene	12.16	106	756029	53.911	ug/l	100
70) Styrene	12.18	104	1281397	54.022	ug/l	100
71) Bromoform	12.35	173	210807	52.149	ug/l	# 100
73) Isopropylbenzene	12.46	105	2103537	54.198	ug/l	100
74) N-amyl acetate	12.27	43	463463	53.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	356051	50.825	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	265987m	53.185	ug/l	
77) Bromobenzene	12.74	156	471431	52.297	ug/l	100
78) n-propylbenzene	12.80	91	2479579	54.330	ug/l	100
79) 2-Chlorotoluene	12.89	91	1380153	53.140	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1768275	54.261	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	118820	52.934	ug/l	98
82) 4-Chlorotoluene	12.99	91	1426582	52.869	ug/l	100
83) tert-Butylbenzene	13.21	119	1556383	54.549	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1748602	53.920	ug/l	100
85) sec-Butylbenzene	13.38	105	2141719	54.230	ug/l	99
86) p-Isopropyltoluene	13.49	119	1958662	54.411	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	922569	52.630	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	918126	53.053	ug/l	99
89) n-Butylbenzene	13.82	91	1854348	55.472	ug/l	99
90) Hexachloroethane	14.09	117	341253	54.266	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	811283	52.657	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	57254	51.609	ug/l	99

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QLast Update : Fri Jan 03 16:07:20 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	589516	56.661	ug/l	99
94) Hexachlorobutadiene	15.24	225	373744	53.604	ug/l	97
95) Naphthalene	15.36	128	1017279	57.331	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	507981	56.013	ug/l	99

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

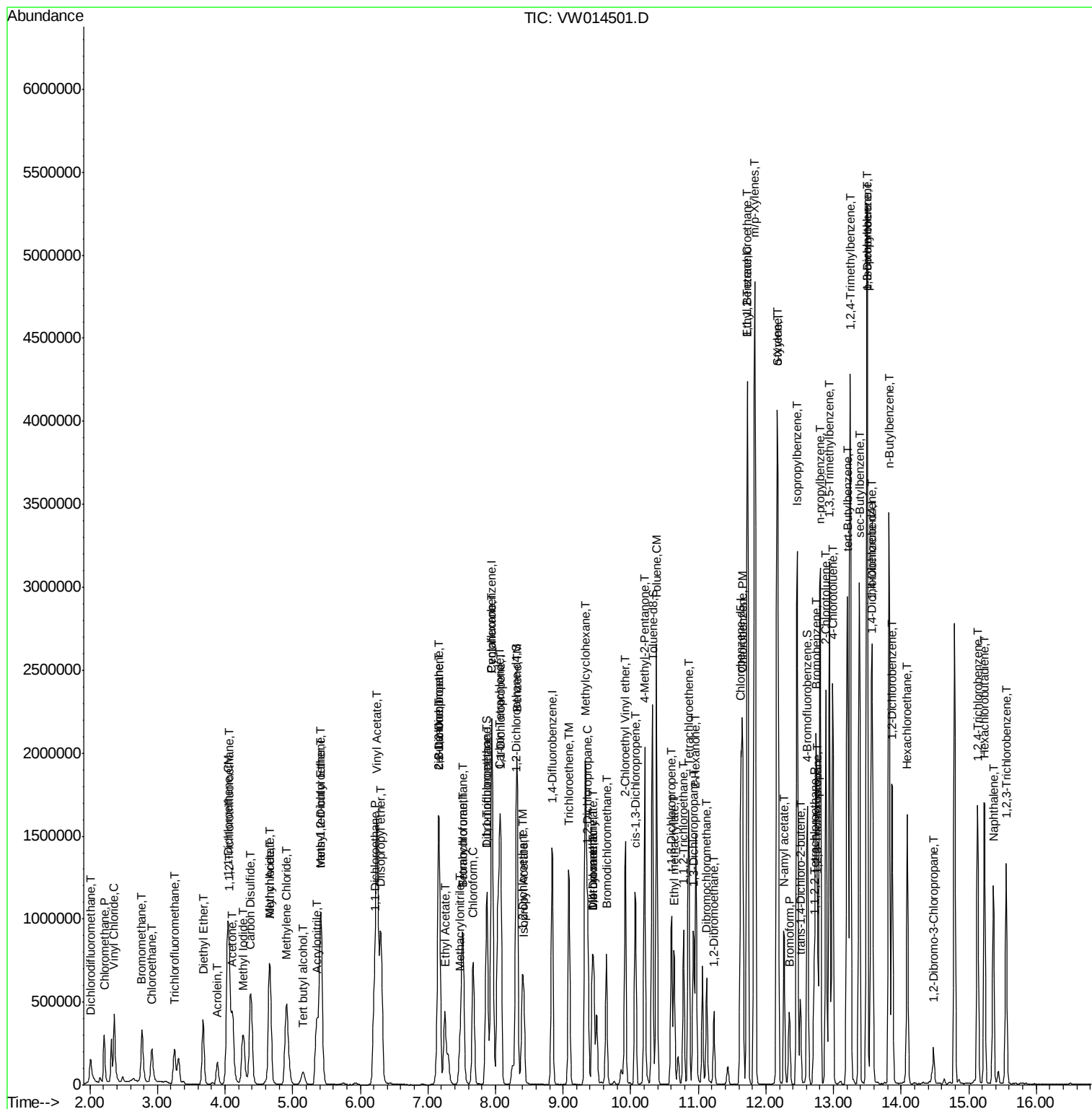
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

ClientSampled :

ICVW010320

Tot Ion:168 Resp: 843518

Ion Ratio Lower Upper

168 100

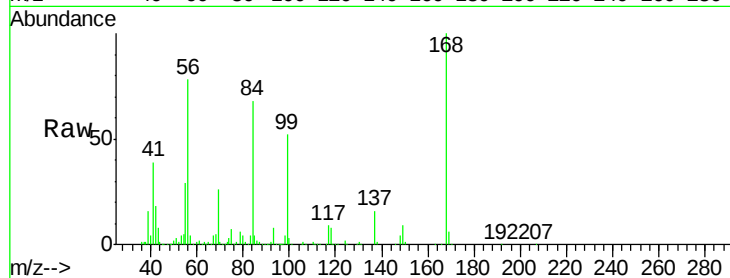
99 51.7 41.1 61.7

Manual Integrations

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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

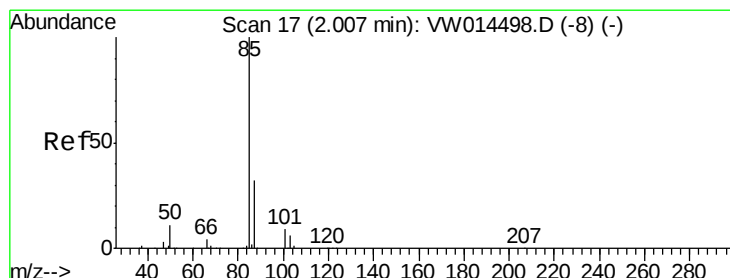
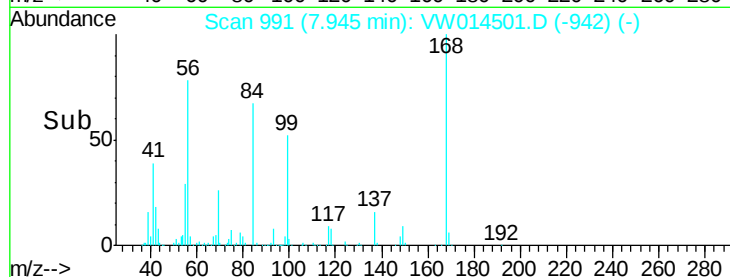
200000

100000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 51.096 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014501.D

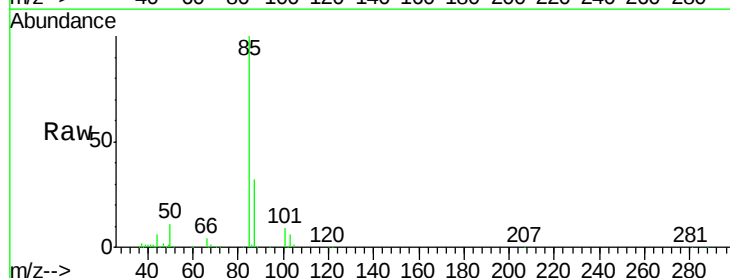
Acq: 03 Jan 2020 16:19

Tgt Ion: 85 Resp: 243352

Ion Ratio Lower Upper

85 100

87 32.4 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

100000

80000

60000

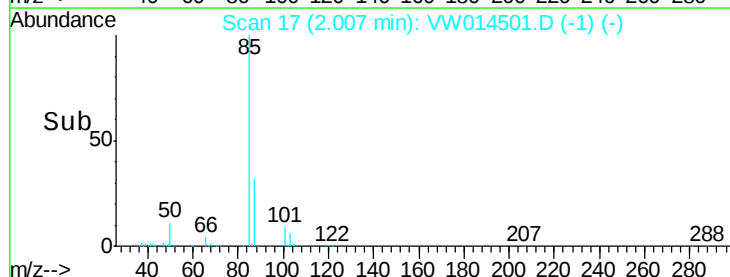
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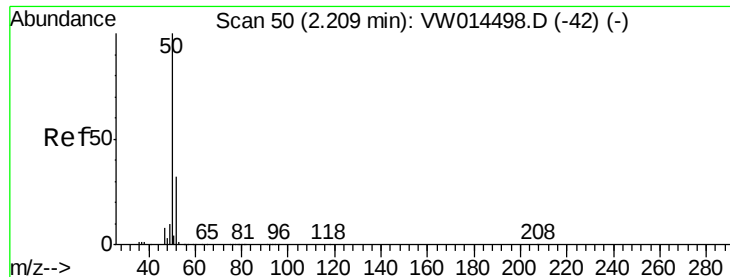
20000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 49.141 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW010320

Tot Ion: 50 Resp: 286472

Ion Ratio Lower Upper

50 100

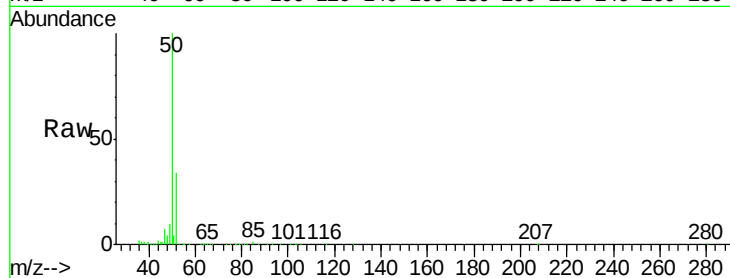
52 34.3 25.8 38.8

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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

200000

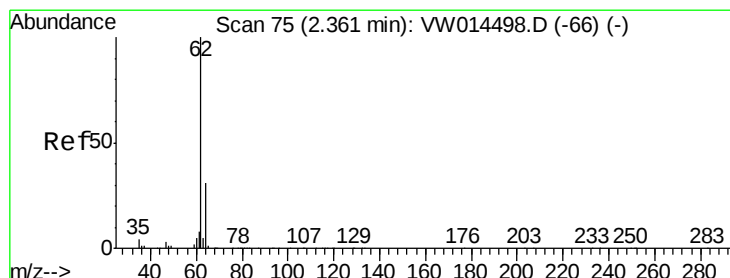
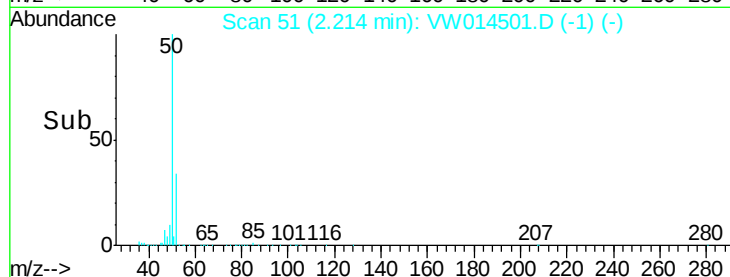
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 51.401 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014501.D

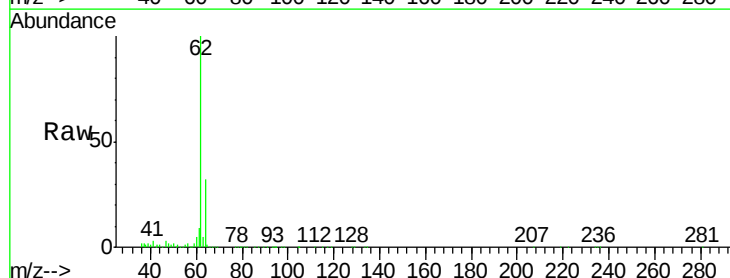
Acq: 03 Jan 2020 16:19

Tgt Ion: 62 Resp: 440734

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

250000

200000

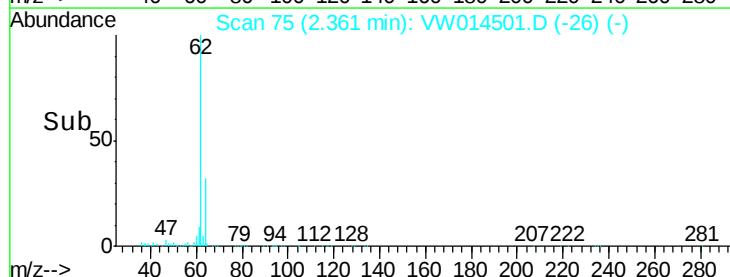
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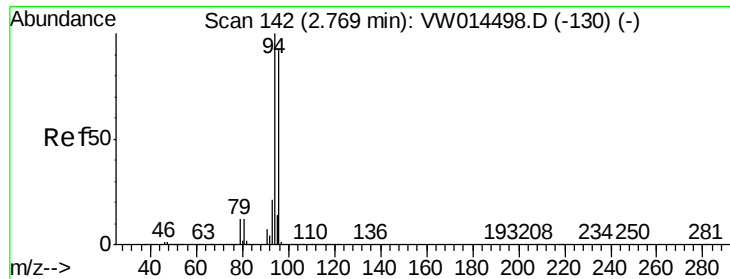
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50000

0

Time-->





#5

Bromomethane

Concen: 53.180 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

ClientSampled :

ICVW010320

Tot Ion: 94 Resp: 281683

Ion Ratio Lower Upper

94 100

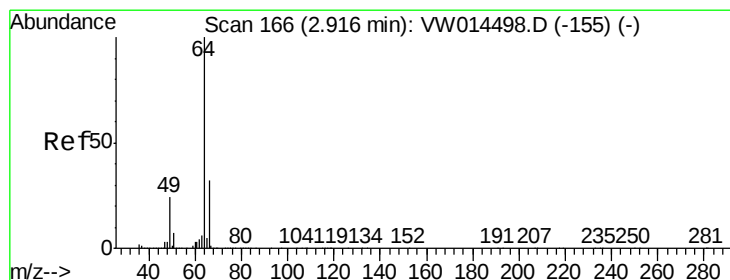
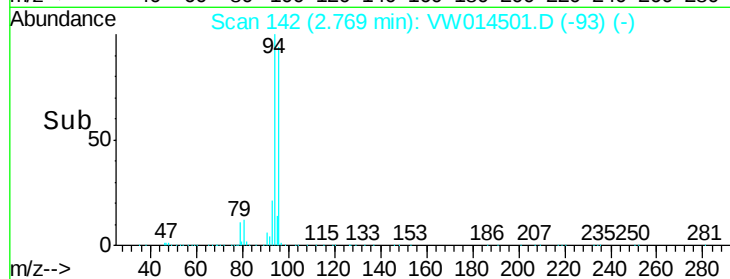
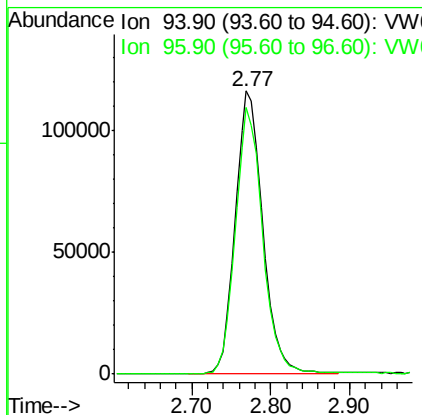
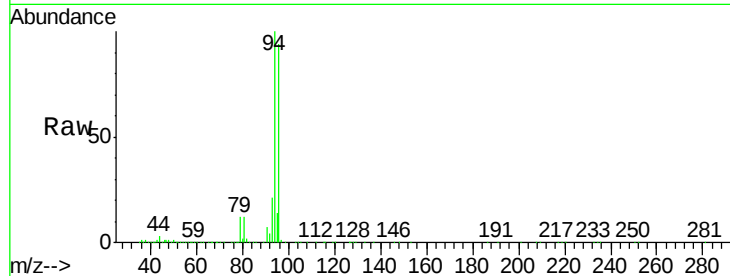
96 94.3 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 53.215 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014501.D

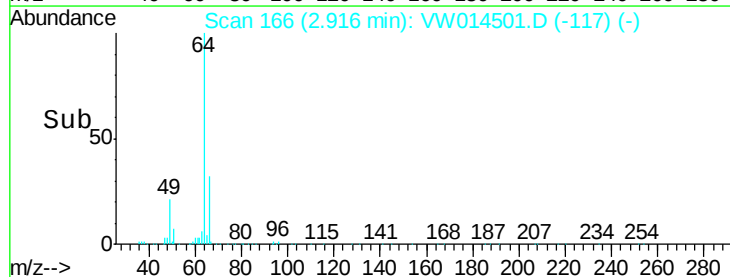
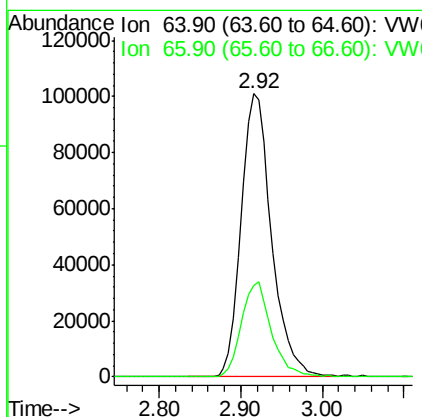
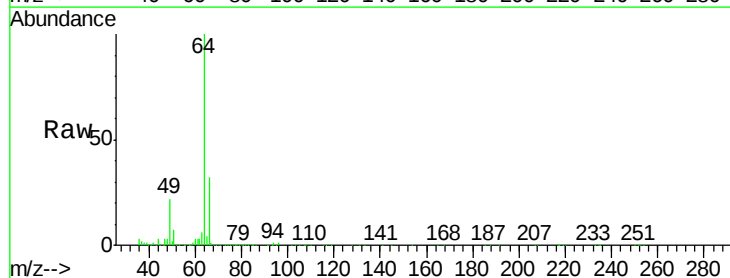
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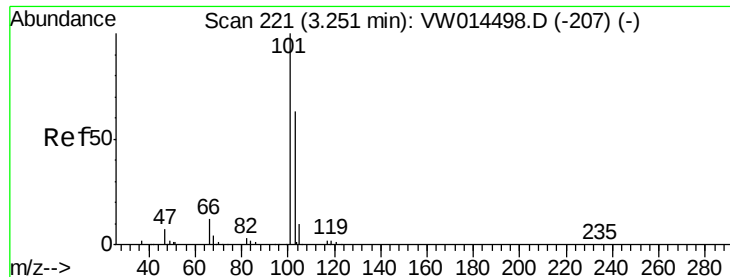
Tgt Ion: 64 Resp: 260102

Ion Ratio Lower Upper

64 100

66 32.2 25.7 38.5





#7

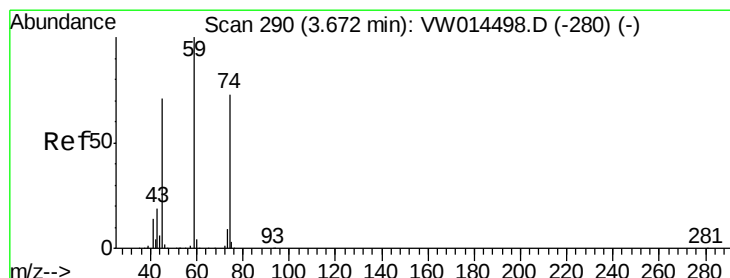
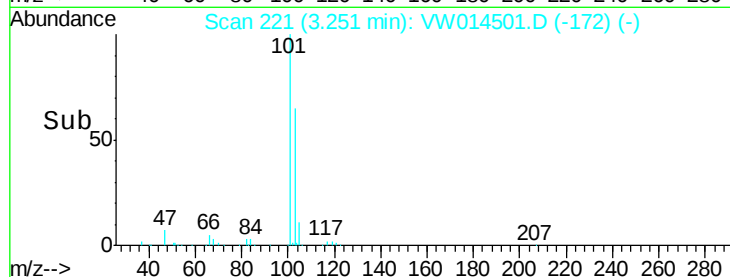
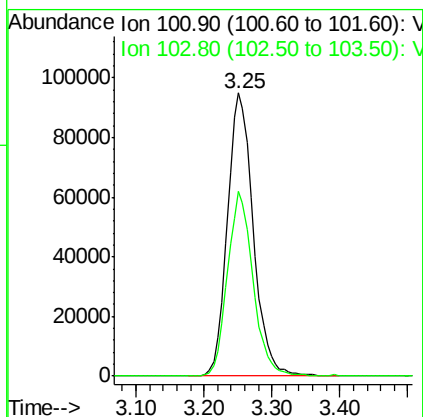
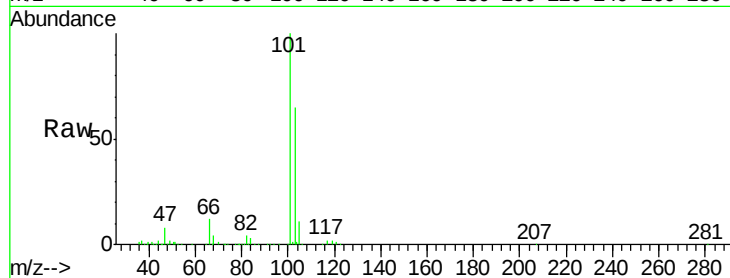
Trichlorofluoromethane
Concen: 58.293 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		250081		
103	65.3	50.1	75.1		

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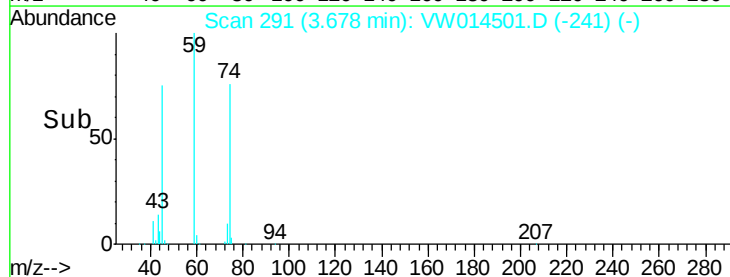
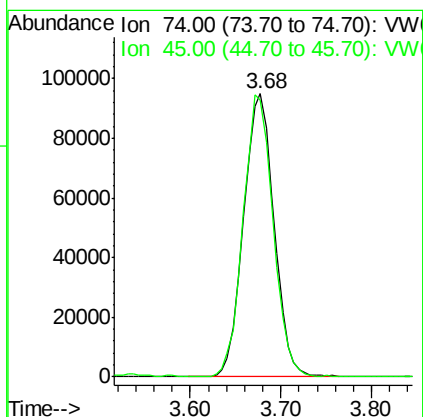
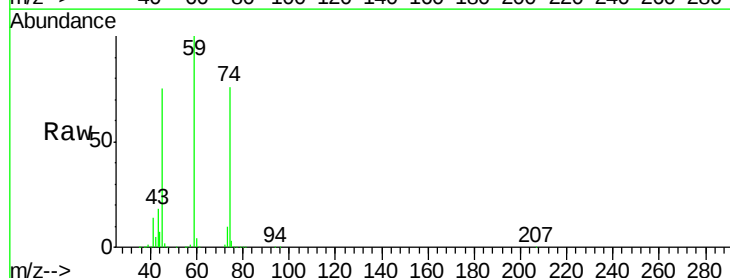
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#8

Diethyl Ether
Concen: 51.682 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		220605		
45	98.0	48.6	145.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.660 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

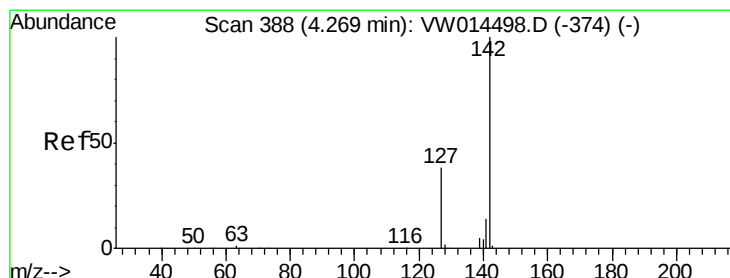
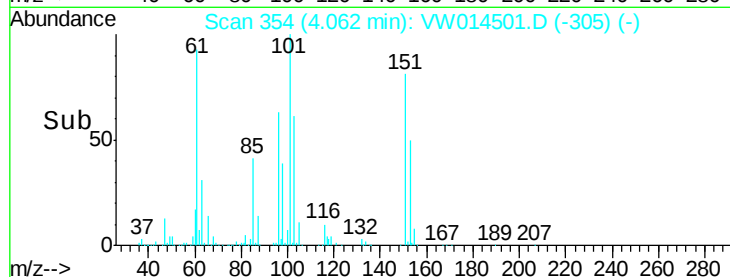
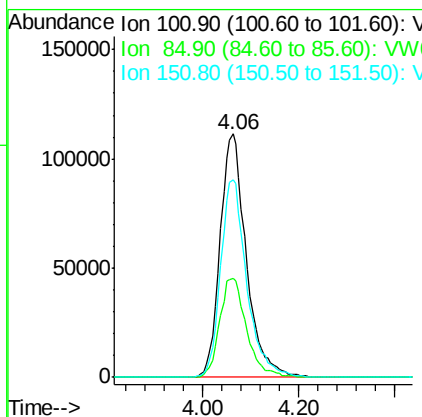
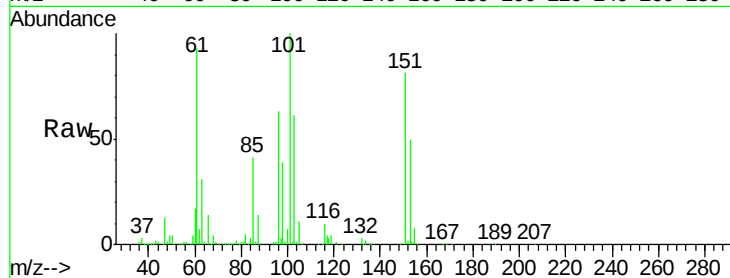
ClientSampleId :

ICVW010320

Tot Ion:	101	Resp:	422115
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.7	50.5
151	81.0	63.5	95.3

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#10

Methyl Iodide

Concen: 51.438 ug/l

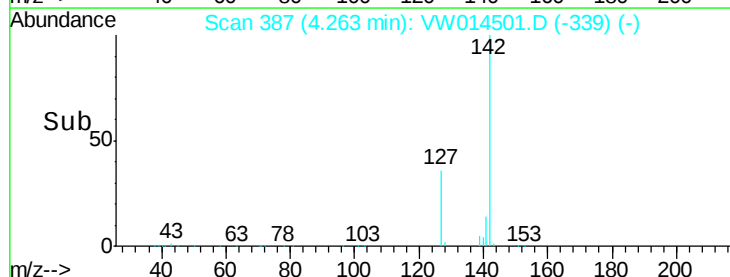
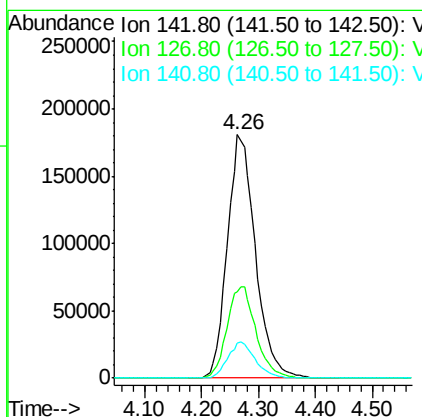
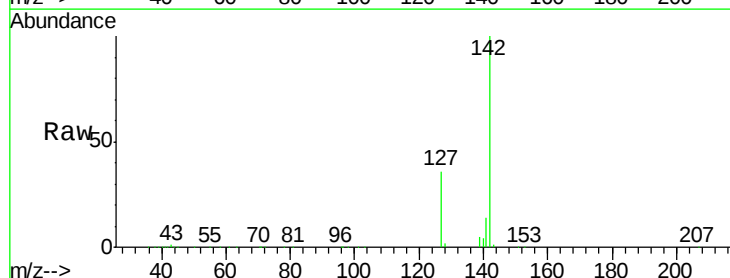
RT: 4.26 min Scan# 387

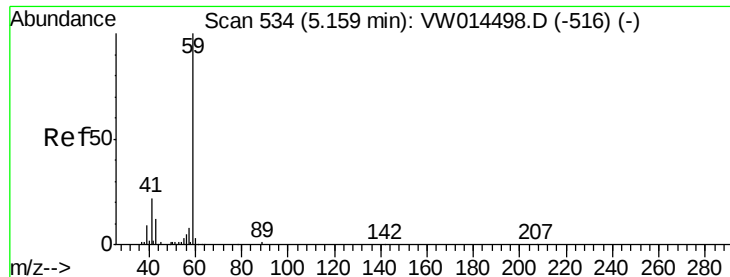
Delta R.T. -0.01 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Tgt Ion:	142	Resp:	622119
Ion Ratio	Lower	Upper	
142	100		
127	38.6	30.2	45.4
141	14.4	11.4	17.2





#11

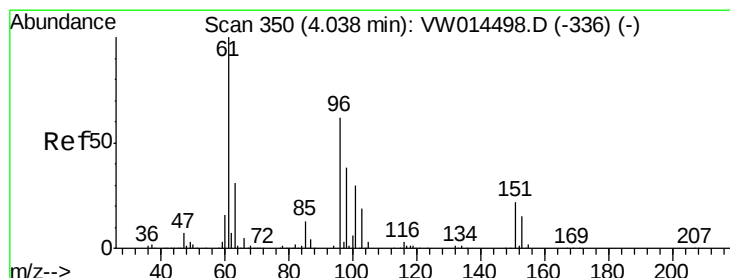
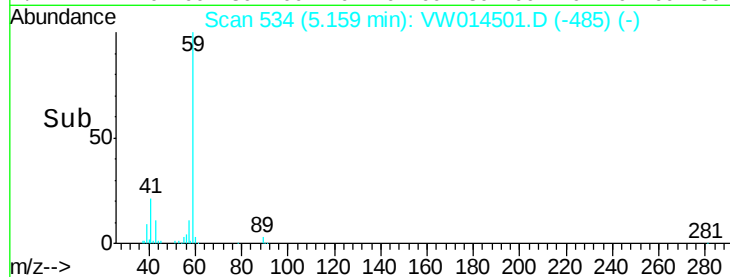
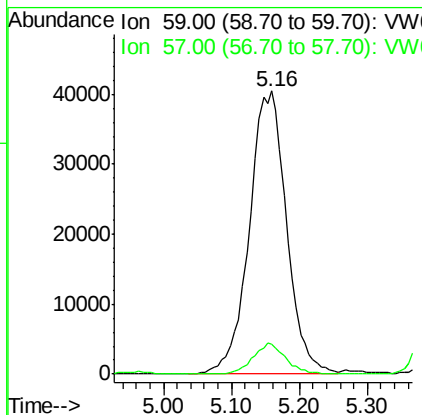
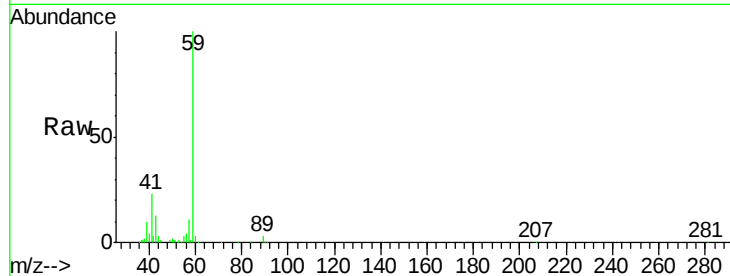
Tert butyl alcohol
 Concen: 273.779 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010320

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.8	11.8

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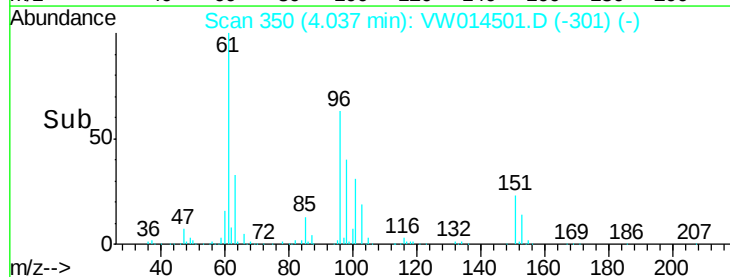
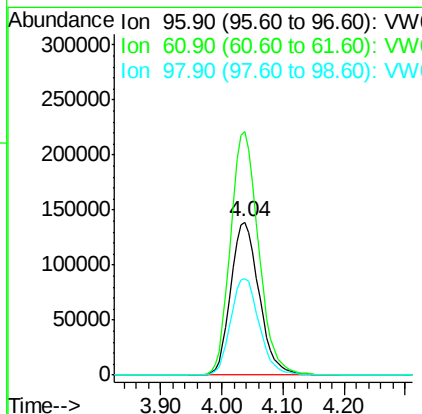
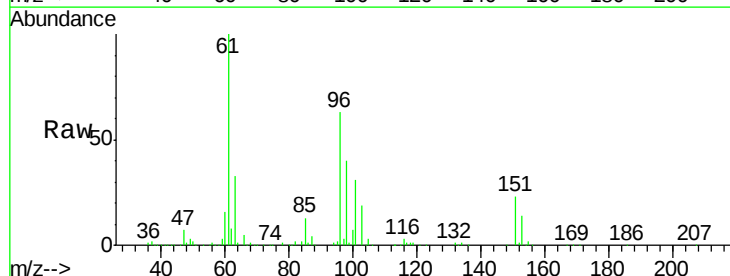
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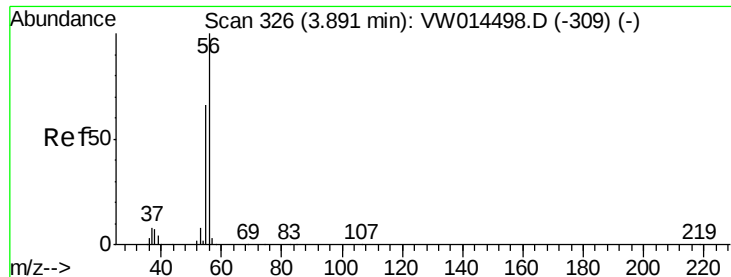


#12

1,1-Dichloroethene
 Concen: 52.812 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.8	128.4	192.6
98	63.1	49.1	73.7





#13

Acrolein

Concen: 259.693 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW010320

Tot Ion: 56 Resp: 167163

Ion Ratio Lower Upper

56 100

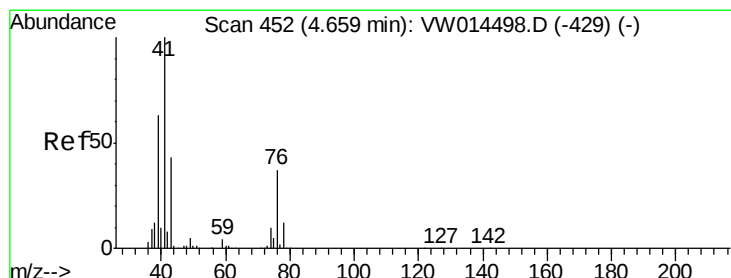
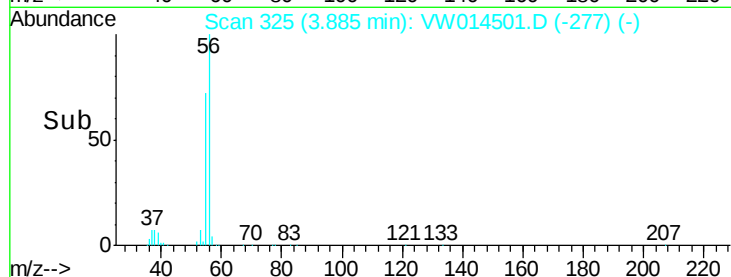
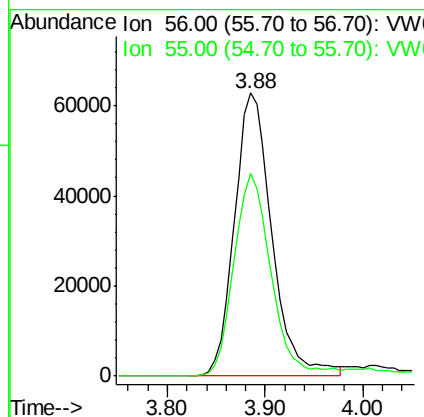
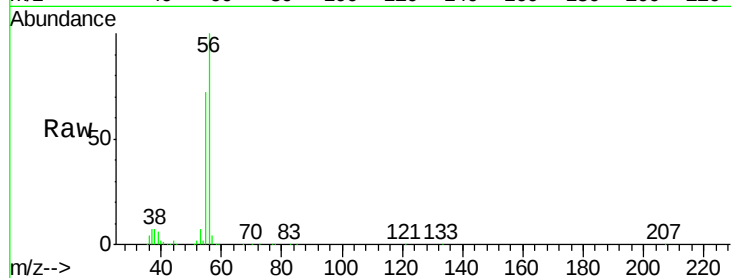
55 70.5 56.7 85.1

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#14

Allyl chloride

Concen: 54.452 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

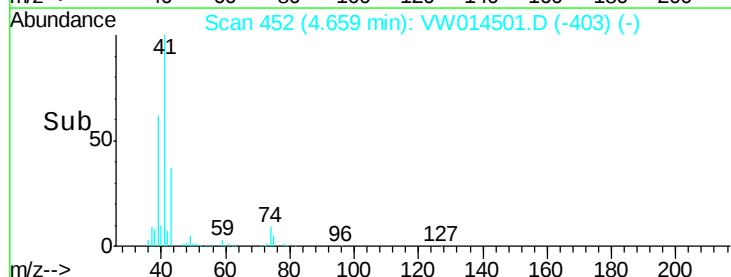
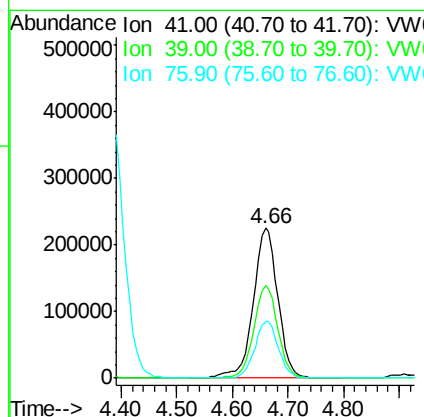
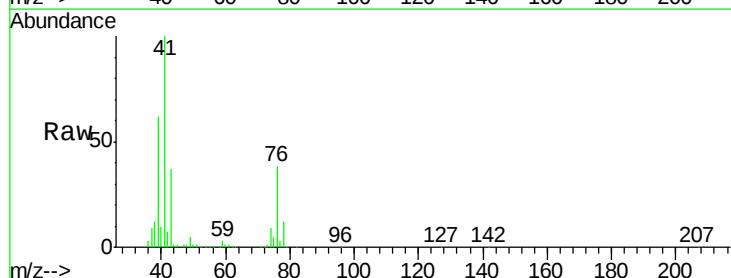
Tgt Ion: 41 Resp: 698503

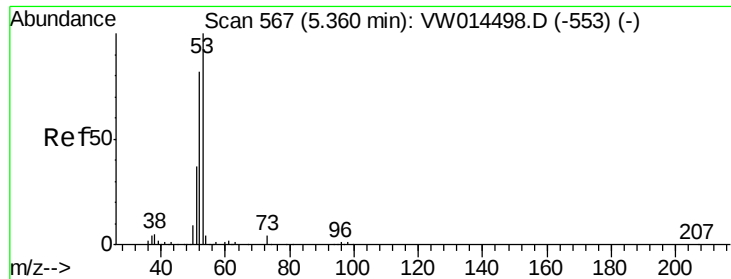
Ion Ratio Lower Upper

41 100

39 60.4 48.5 72.7

76 35.6 28.1 42.1





#15

Acrylonitrile

Concen: 253.920 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

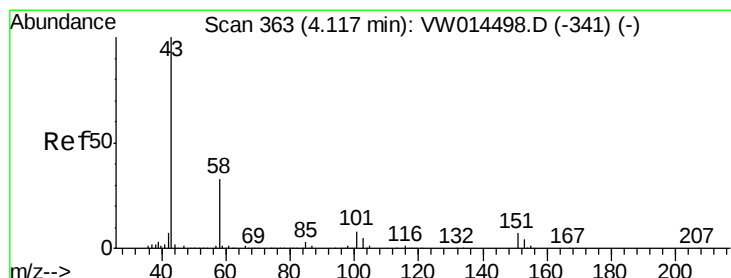
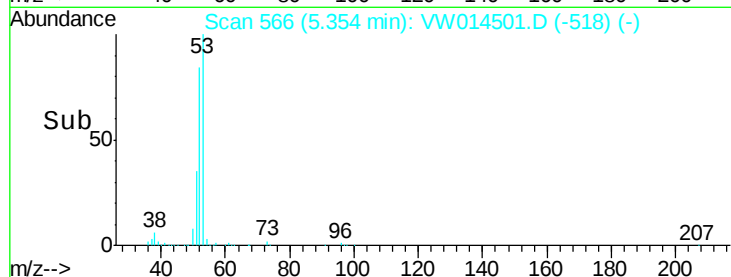
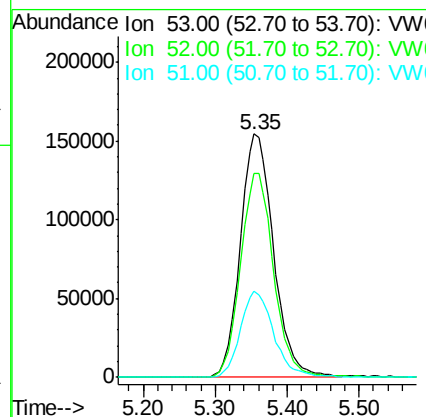
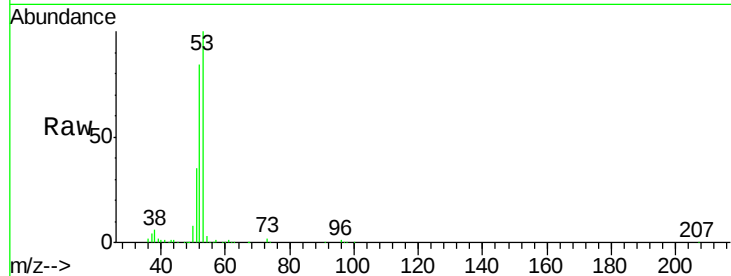
ClientSampleId :

ICVW010320

Tot Ion:	53	Resp:	495425
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.5	99.7
51	35.6	28.4	42.6

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#16

Acetone

Concen: 269.539 ug/l

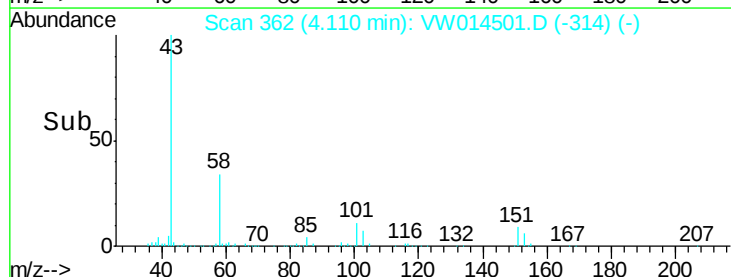
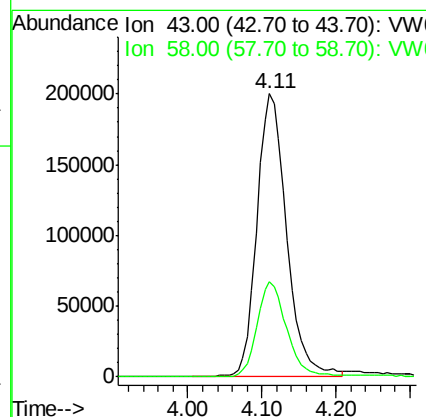
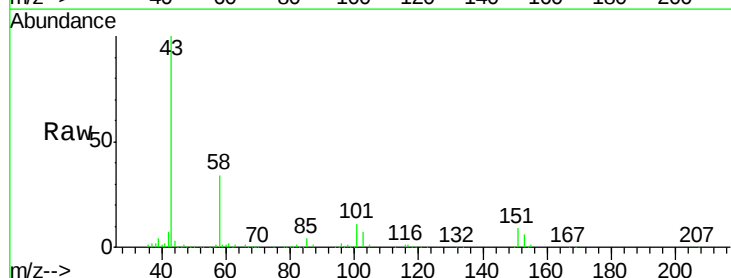
RT: 4.11 min Scan# 362

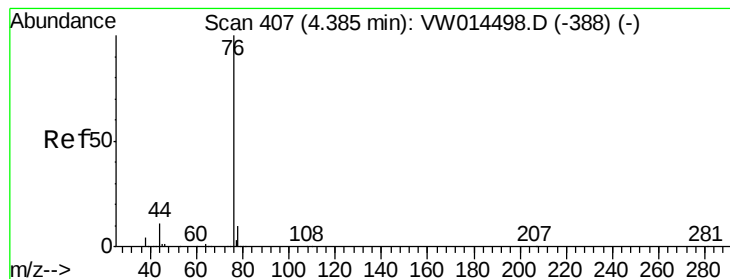
Delta R.T. -0.01 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Tgt Ion:	43	Resp:	561303
Ion Ratio	Lower	Upper	
43	100		
58	33.7	26.6	39.8





#17

Carbon Disulfide

Concen: 52.775 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

ClientSampled :

ICVW010320

Tot Ion: 76 Resp: 1335211

Ion Ratio Lower Upper

76 100

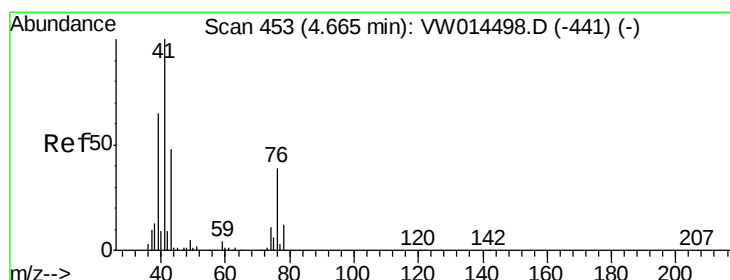
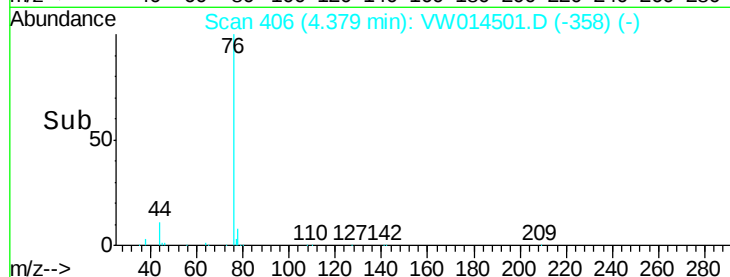
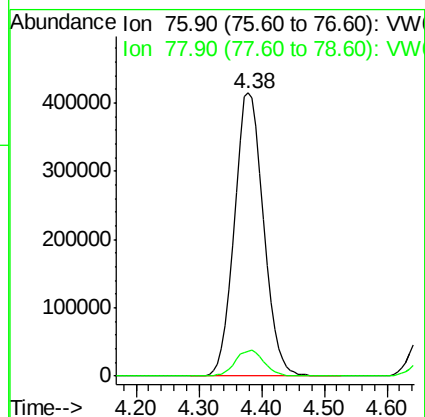
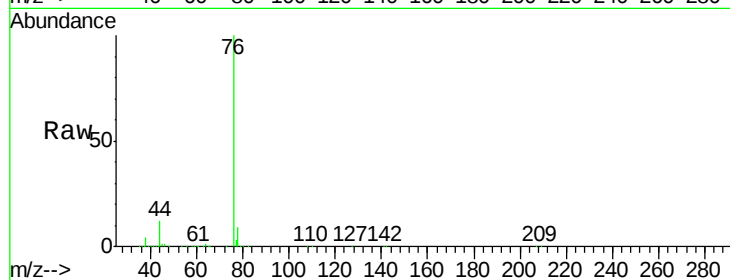
78 8.8 7.8 11.6

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#18

Methyl Acetate

Concen: 49.242 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW014501.D

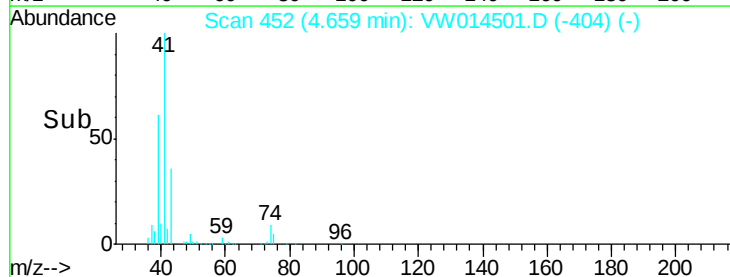
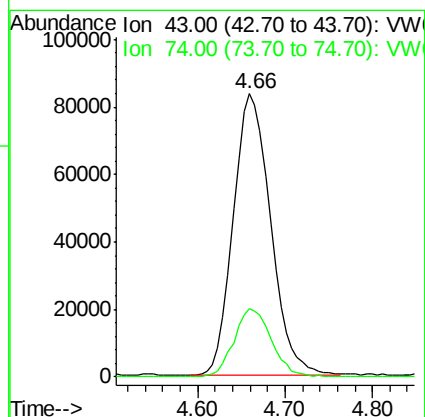
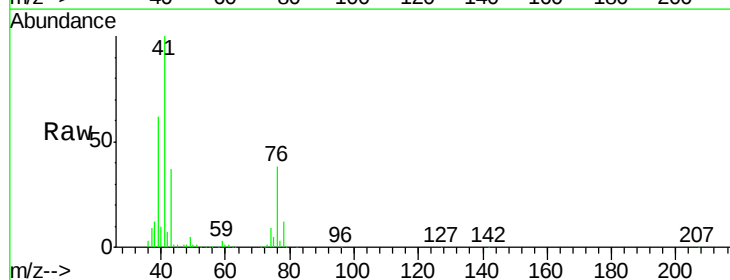
Acq: 03 Jan 2020 16:19

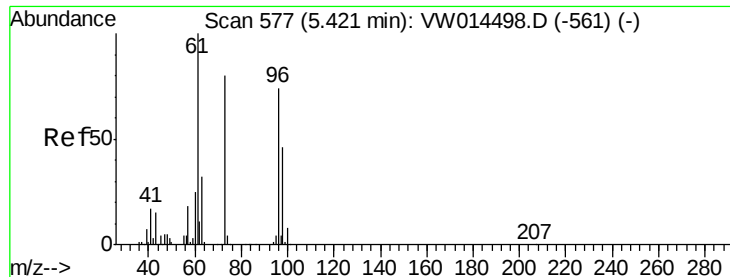
Tgt Ion: 43 Resp: 247656

Ion Ratio Lower Upper

43 100

74 24.3 19.3 28.9





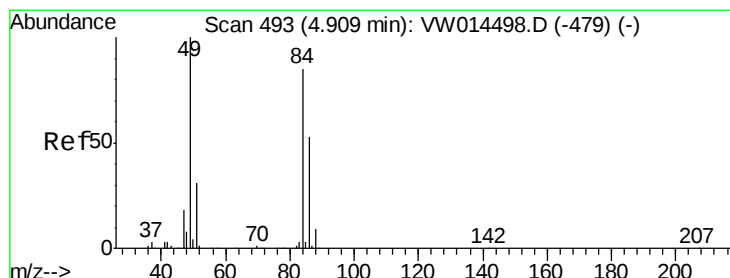
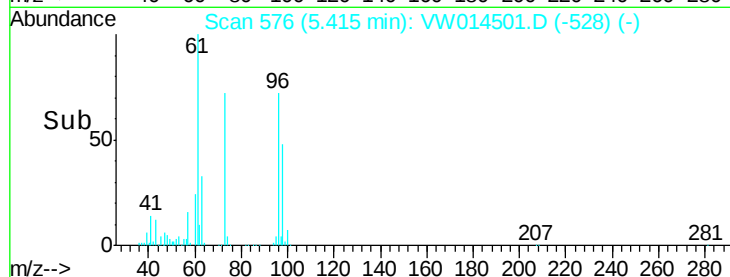
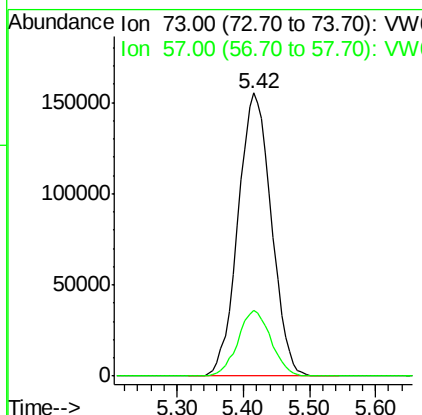
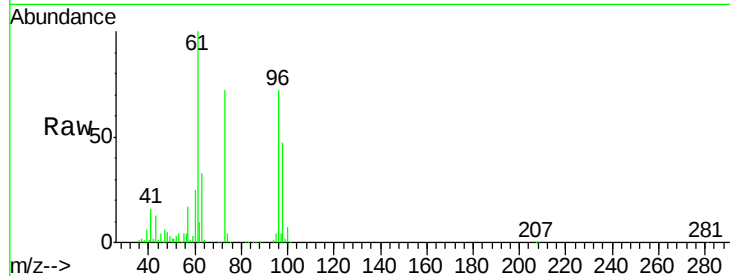
#19
Methvl tert-butvl Ether
Concen: 52.160 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW010320

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.1	27.1

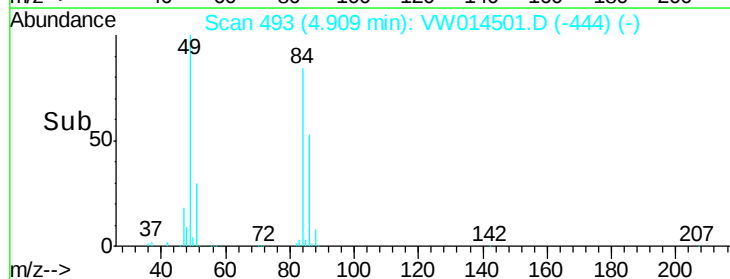
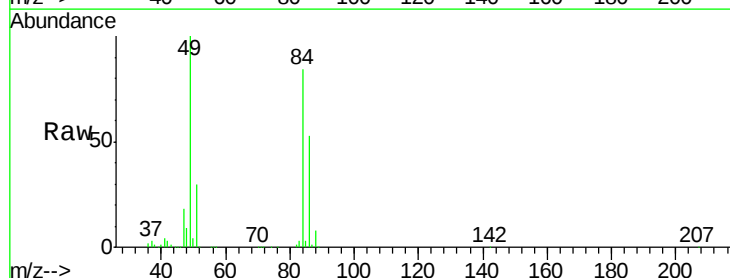
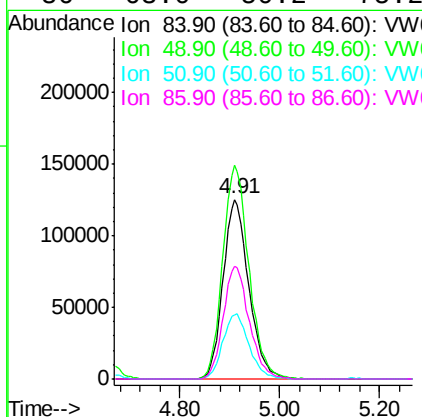
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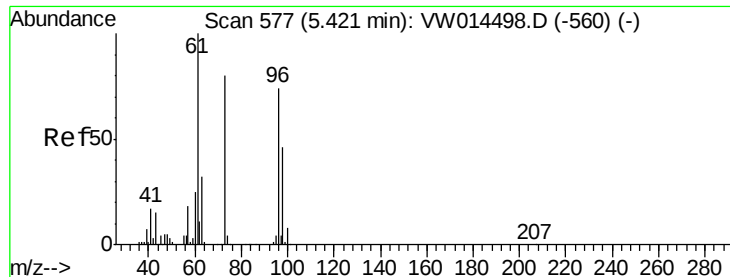
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#20
Methylene Chloride
Concen: 53.626 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.0	94.4	141.6
51	35.9	29.5	44.3
86	63.0	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 52.596 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

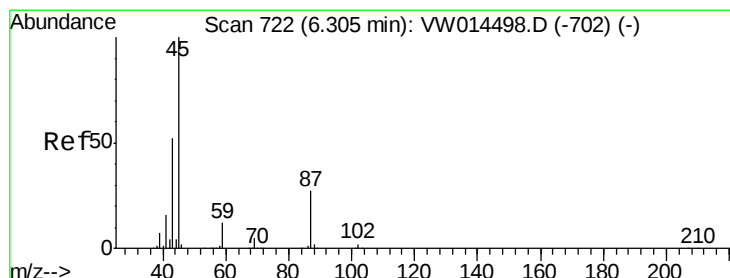
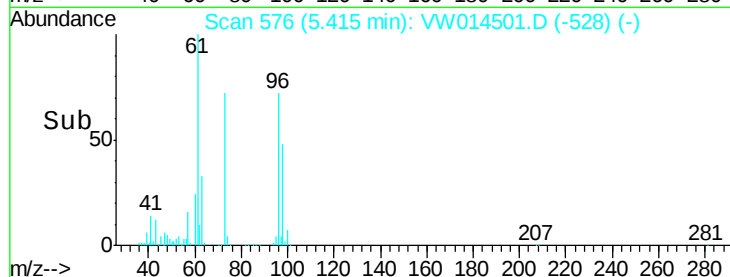
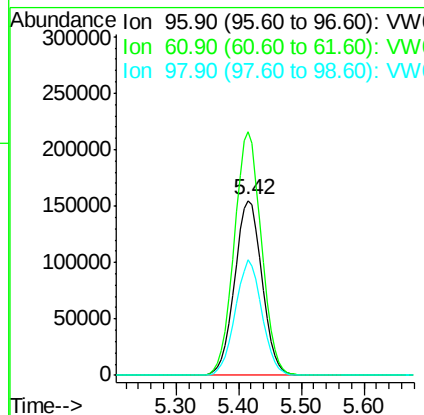
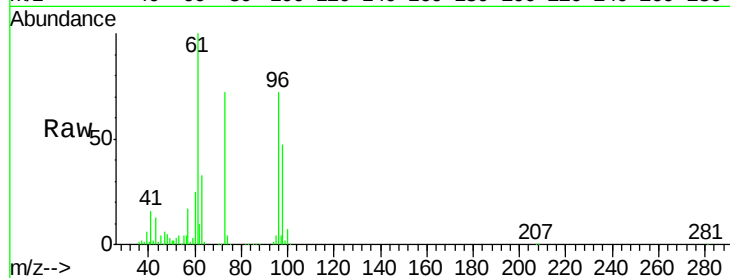
ClientSampled :

ICVW010320

Tot Ion:	96	Resp:	468801
Ion	Ratio	Lower	Upper
96	100		
61	139.1	107.8	161.6
98	66.0	49.4	74.0

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#22

Diisopropyl ether

Concen: 52.250 ug/l

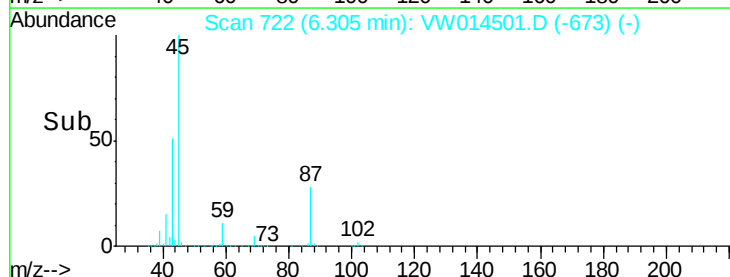
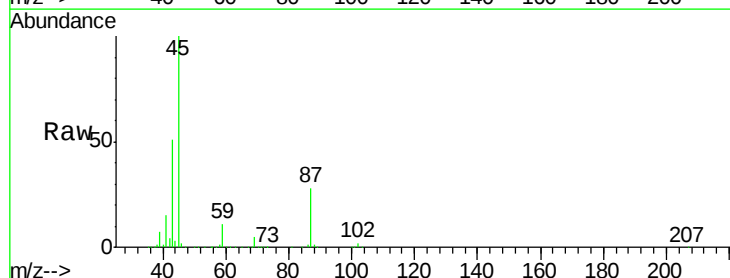
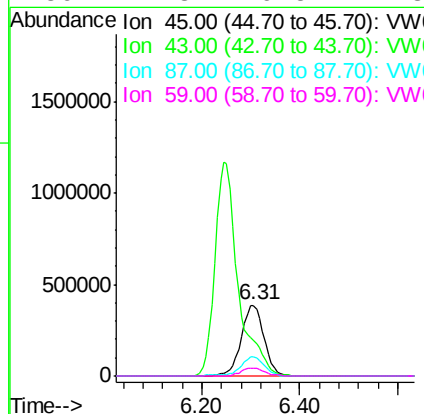
RT: 6.31 min Scan# 722

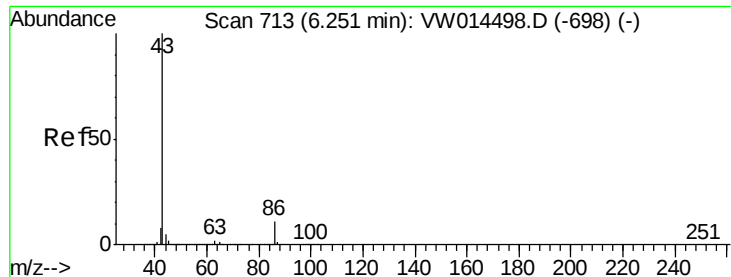
Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Tgt Ion:	45	Resp:	1254537
Ion	Ratio	Lower	Upper
45	100		
43	50.7	41.4	62.0
87	27.7	22.2	33.2
59	11.3	9.5	14.3





#23

Vinyl Acetate

Concen: 264.921 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

ClientSampled :

ICVW010320

Tot Ion: 43 Resp: 3841038

Ion Ratio Lower Upper

43 100

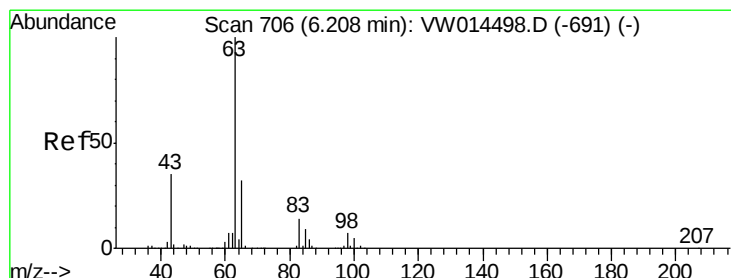
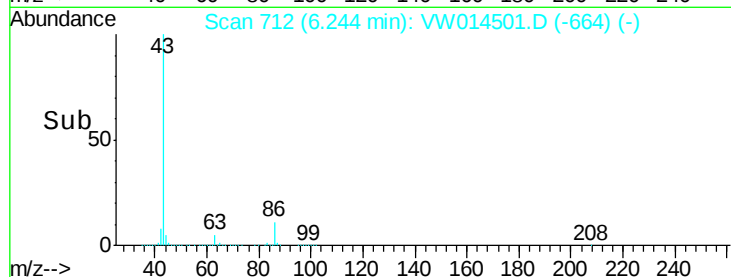
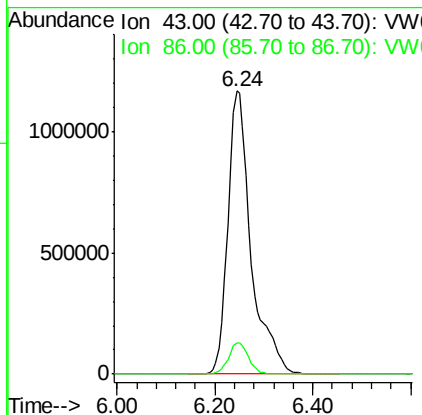
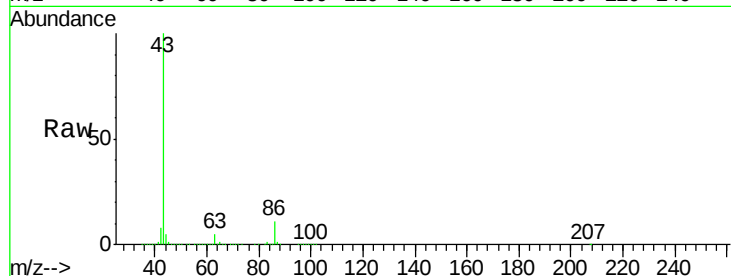
86 11.0 8.8 13.2

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#24

1,1-Dichloroethane

Concen: 52.128 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

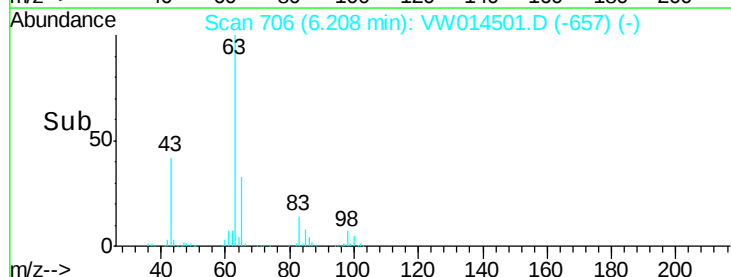
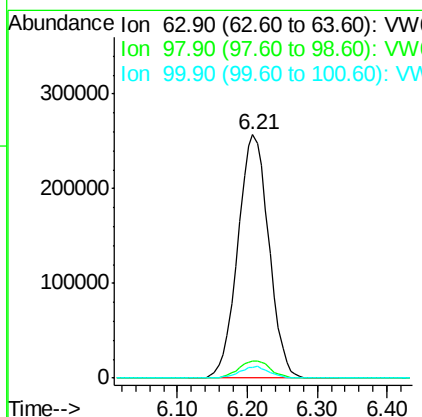
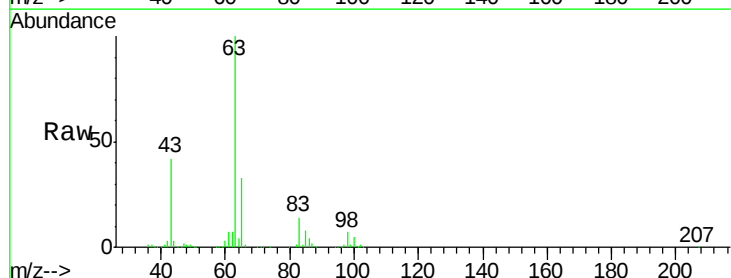
Tgt Ion: 63 Resp: 789505

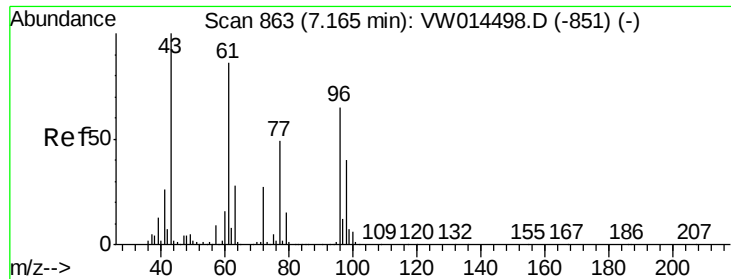
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 250.793 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

ClientSampled :

ICVW010320

Tot Ion: 43 Resp: 670236

Ion Ratio Lower Upper

43 100

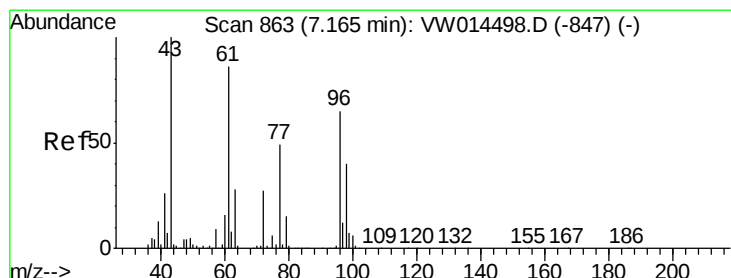
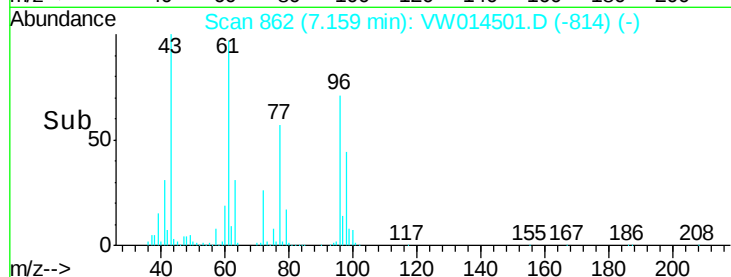
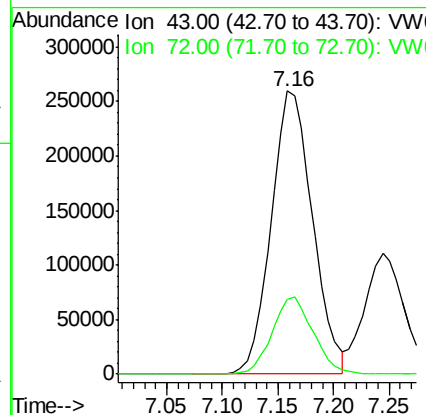
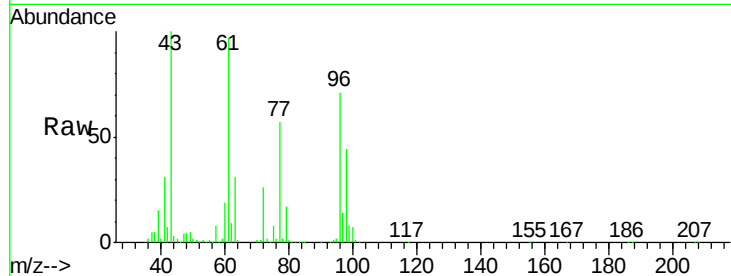
72 26.4 21.9 32.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.648 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014501.D

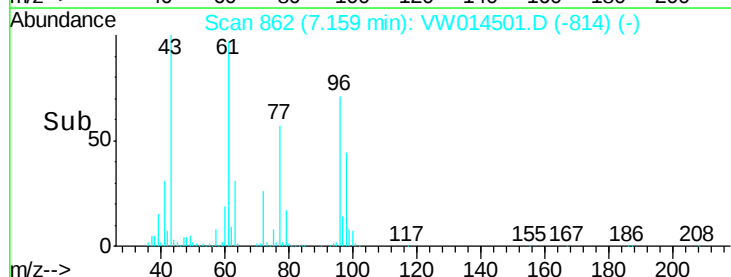
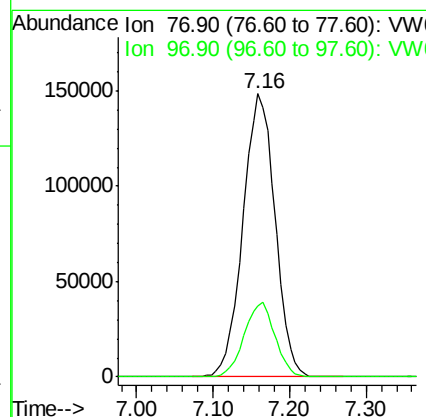
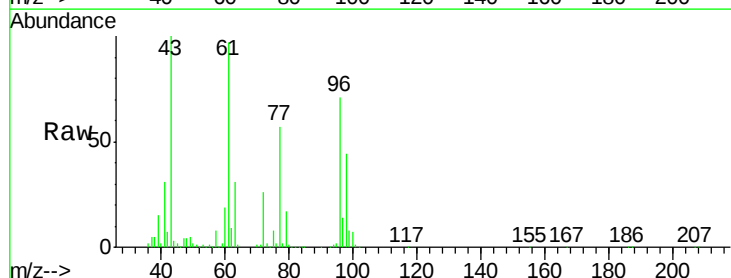
Acq: 03 Jan 2020 16:19

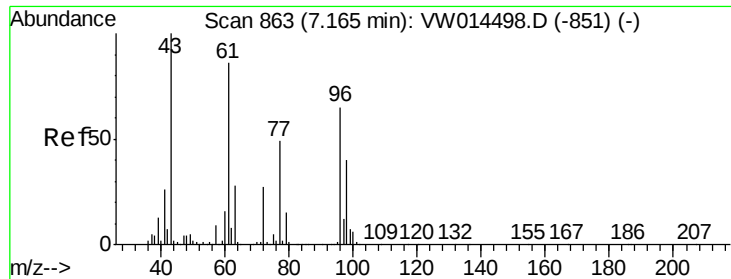
Tgt Ion: 77 Resp: 433076

Ion Ratio Lower Upper

77 100

97 25.2 12.5 37.5





#27

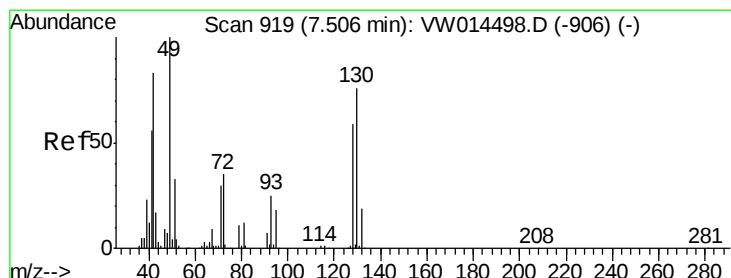
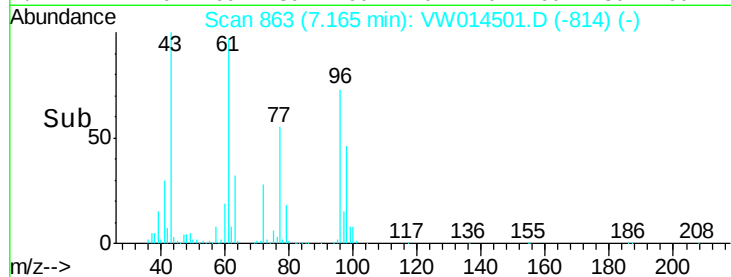
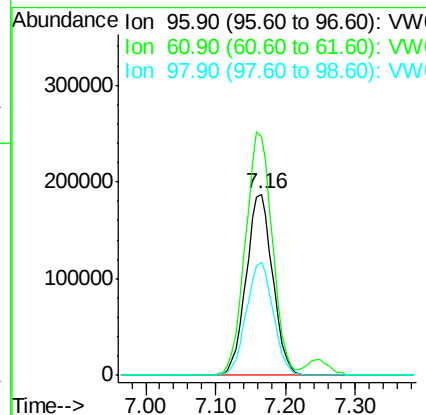
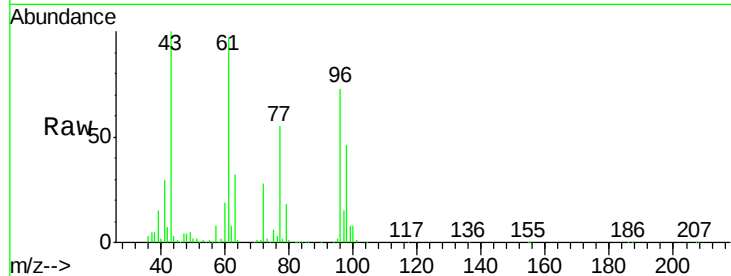
cis-1,2-Dichloroethene
Concen: 52.634 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW010320

Tot Ion	Ratio	Resp	Lower	Upper
96	100	492955		
61	137.0	0.0	274.8	
98	63.5	0.0	128.6	

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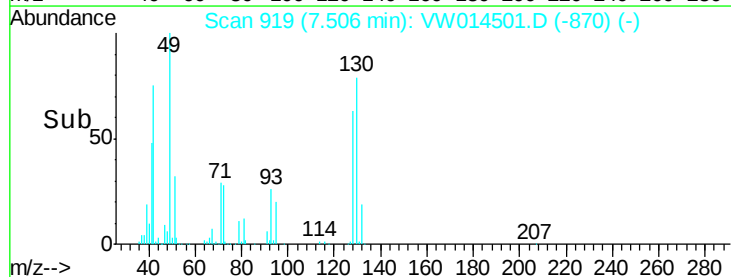
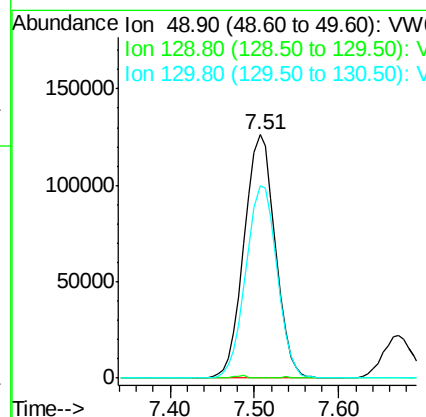
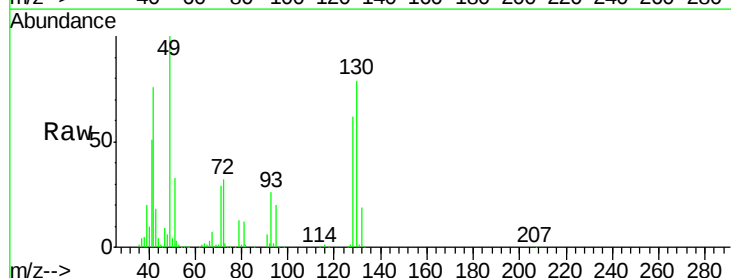
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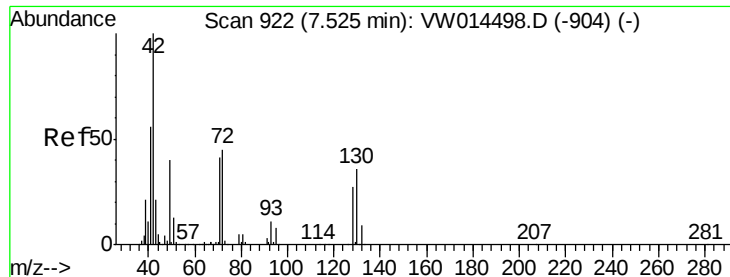


#28

Bromochloromethane
Concen: 53.050 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	314997		
129	0.4	0.0	2.0	
130	79.5	62.5	93.7	





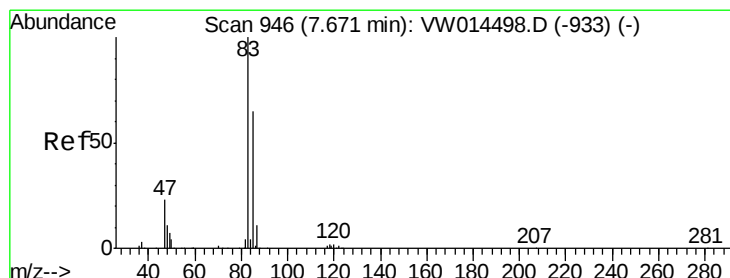
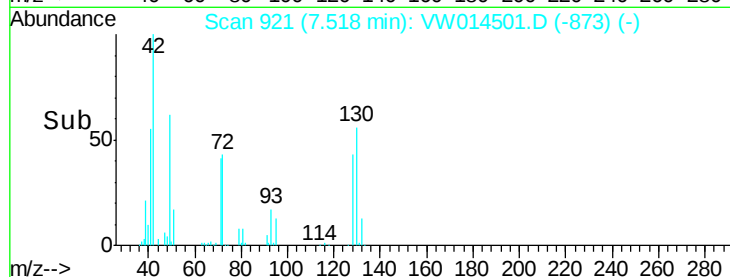
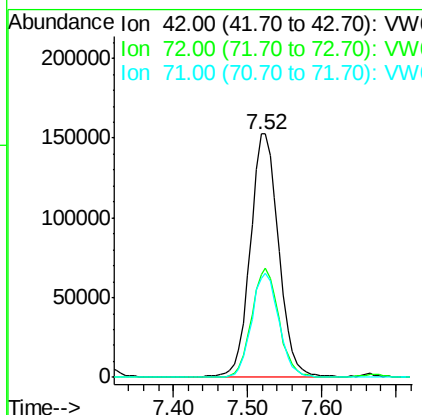
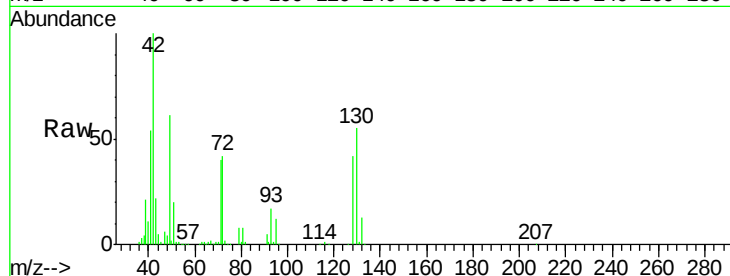
#29
Tetrahydrofuran
Concen: 246.518 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.01 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampled :
ICVW010320

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.5	51.7
71	41.3	32.0	48.0

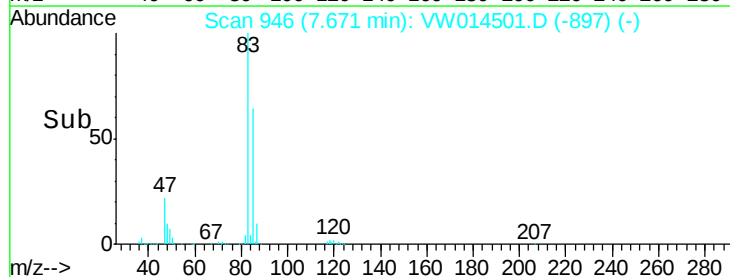
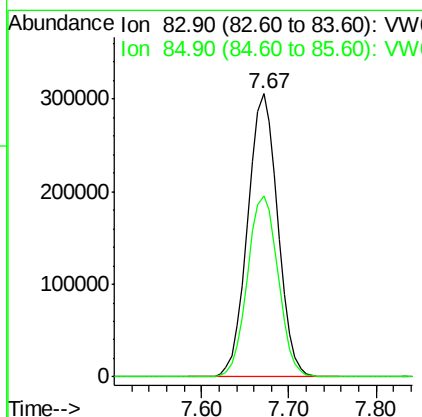
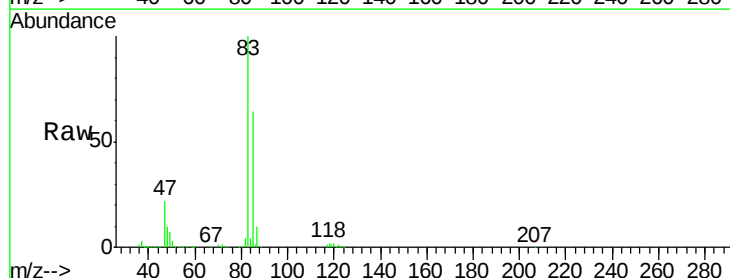
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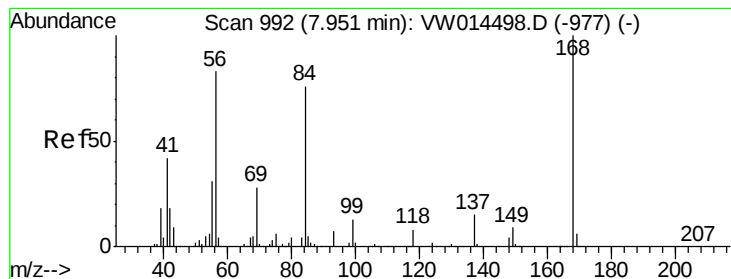
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#30
Chloroform
Concen: 51.590 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.2	78.2





#31

Cyclohexane

Concen: 50.596 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

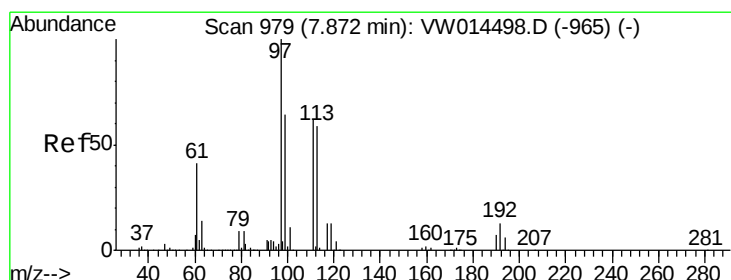
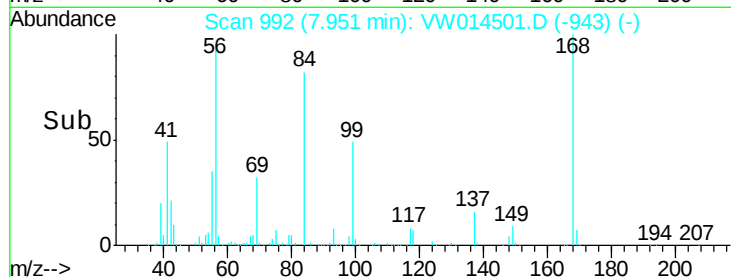
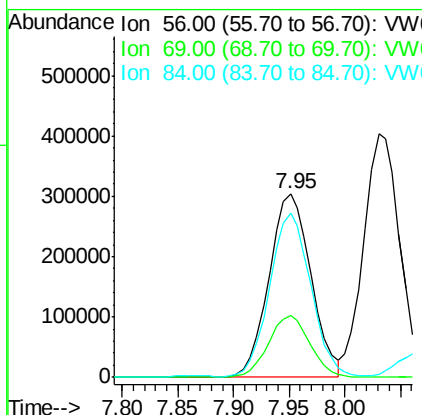
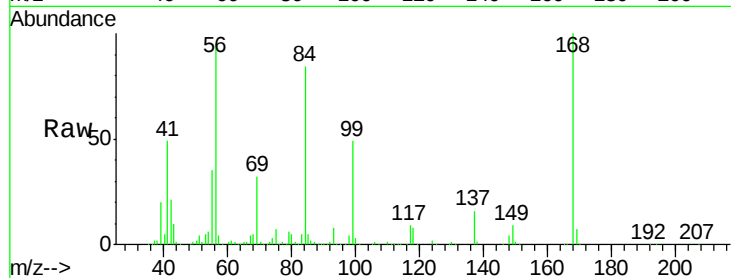
ClientSampled :

ICVW010320

Tot Ion:	56	Resp:	796368
Ion Ratio	Lower	Upper	
56	100		
69	33.5	26.8	40.2
84	88.0	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 52.834 ug/l

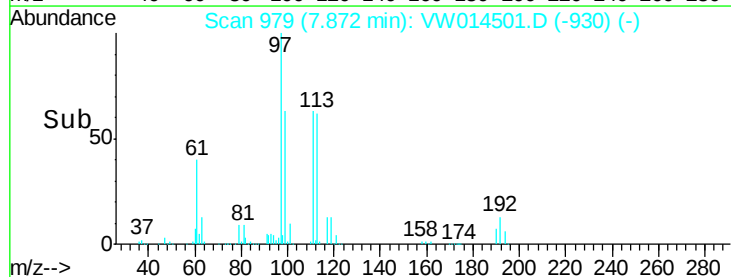
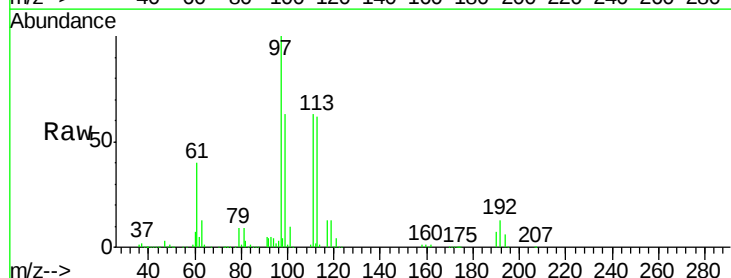
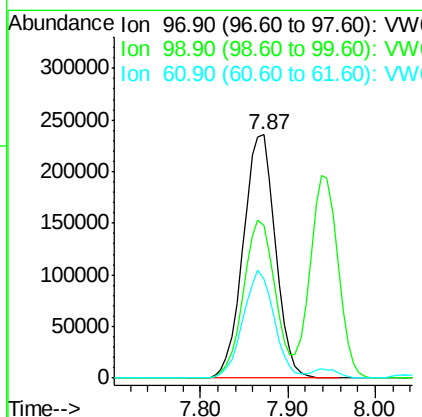
RT: 7.87 min Scan# 979

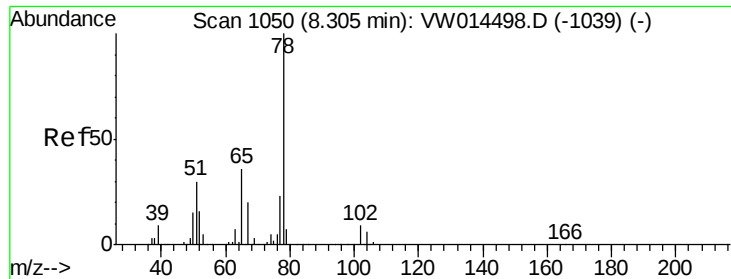
Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Tgt Ion:	97	Resp:	601816
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.8	77.6
61	42.6	33.8	50.8





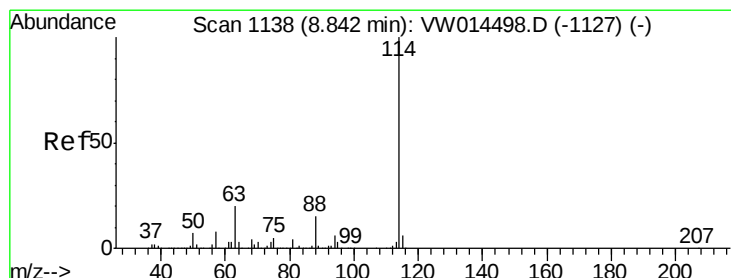
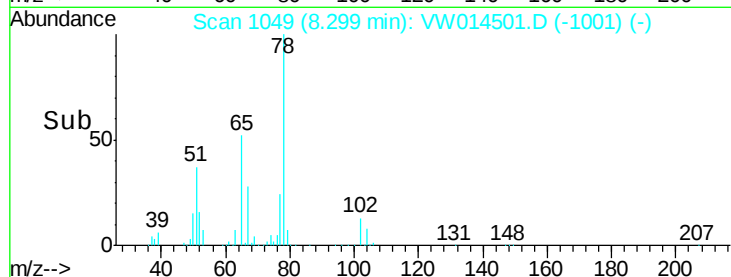
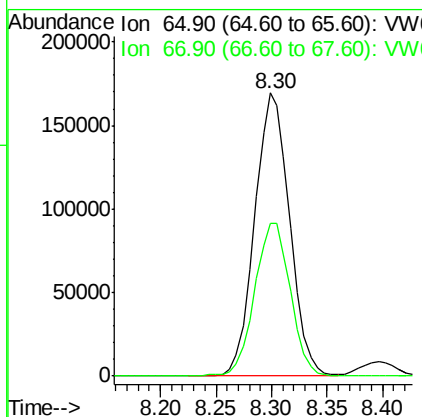
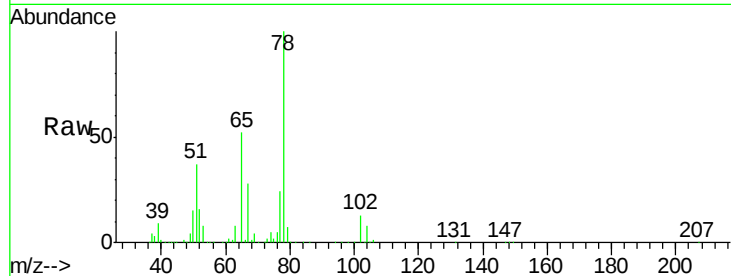
#33
 1,2-Dichloroethane-d4
 Concen: 50.149 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010320

Tot Ion	Ratio	Resp	Lower	Upper
65	100	369851		
67	55.4	0.0	108.4	

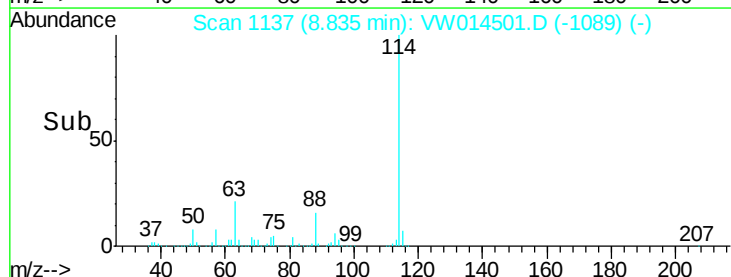
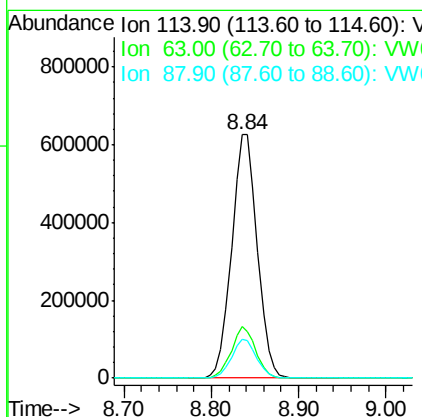
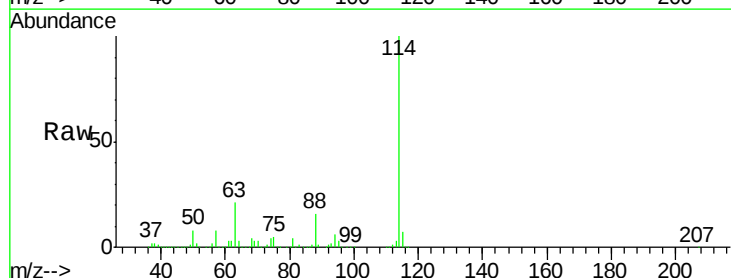
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1269257		
63	21.0	0.0	40.4	
88	16.1	0.0	30.6	





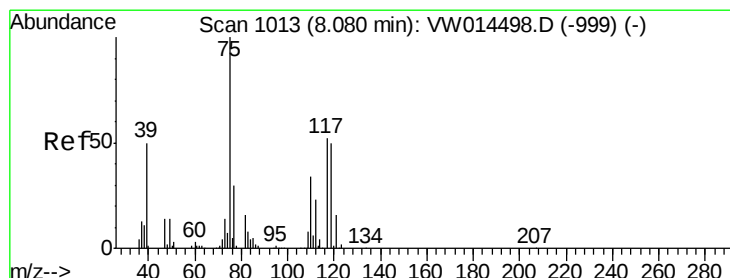
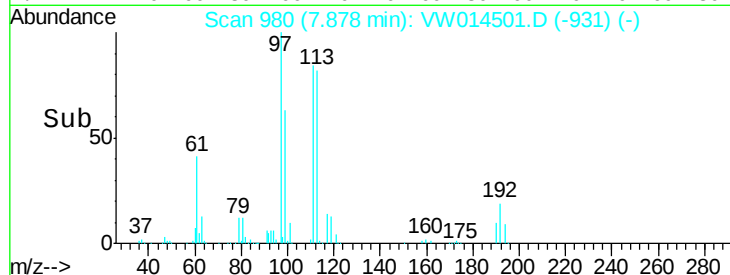
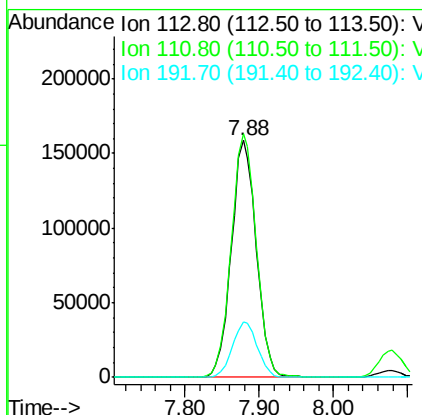
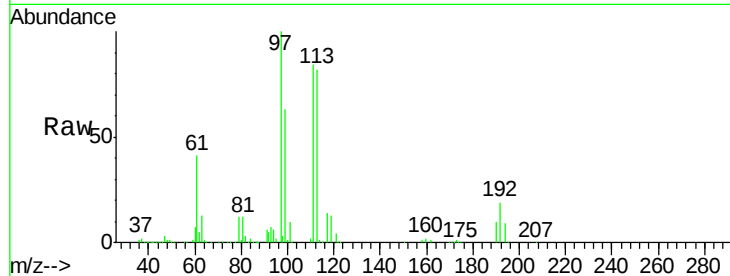
#35
 Dibromofluoromethane
 Concen: 51.383 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW010320

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.2
192	23.2	17.8	26.8

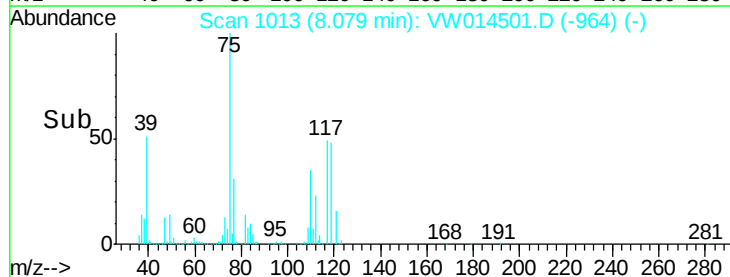
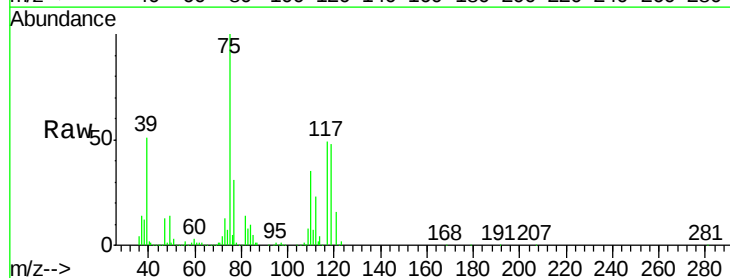
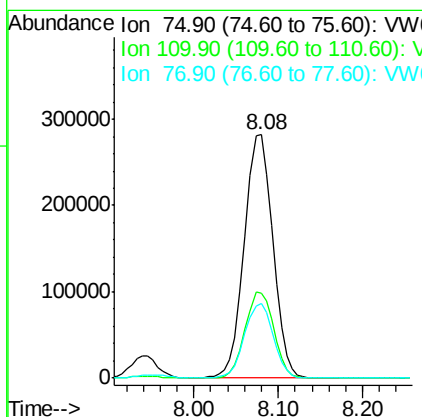
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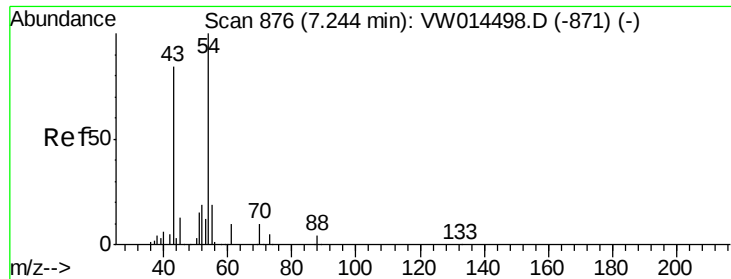
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#36
 1,1-Dichloropropene
 Concen: 52.918 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.8	53.5
77	30.7	24.7	37.1





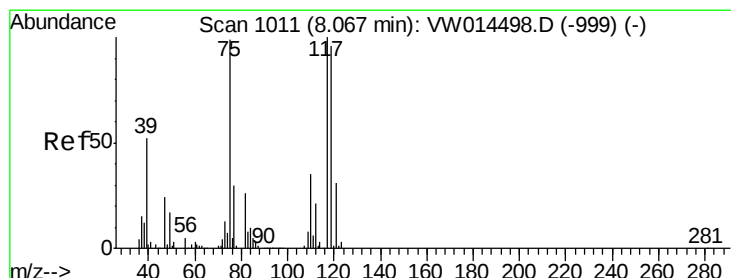
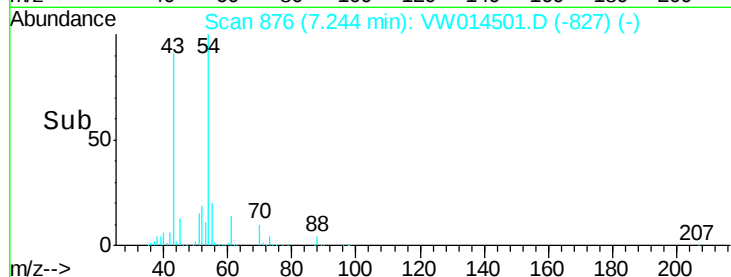
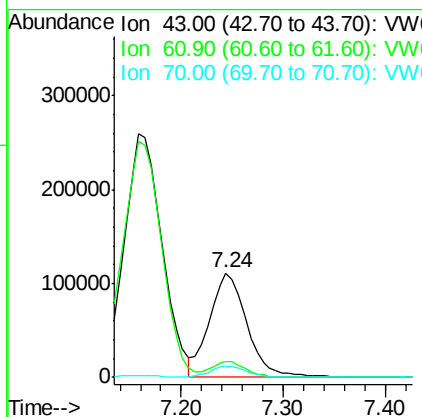
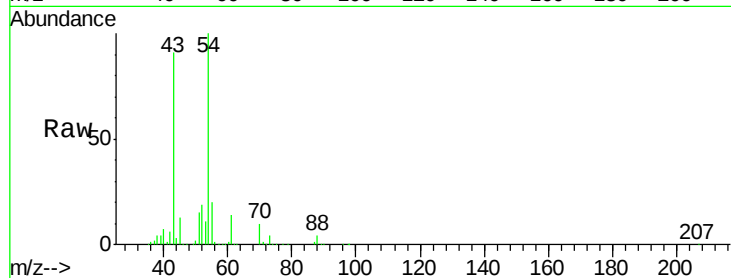
#37
Ethyl Acetate
Concen: 50.321 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampled :
ICVW010320

Tot Ion	Ratio	Resp	Lower	Upper
43	100	279258		
61	13.6		11.7	17.5
70	10.8		9.0	13.6

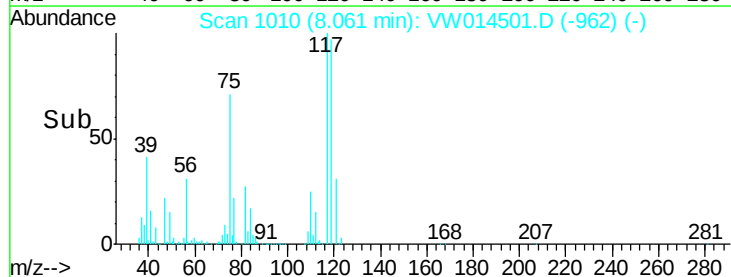
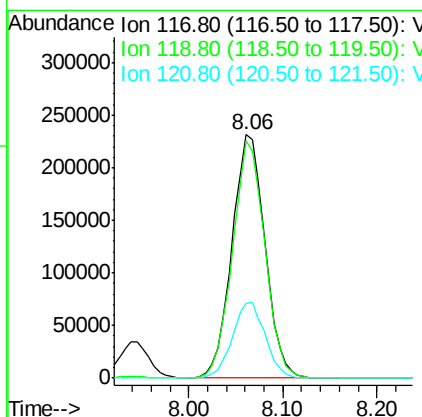
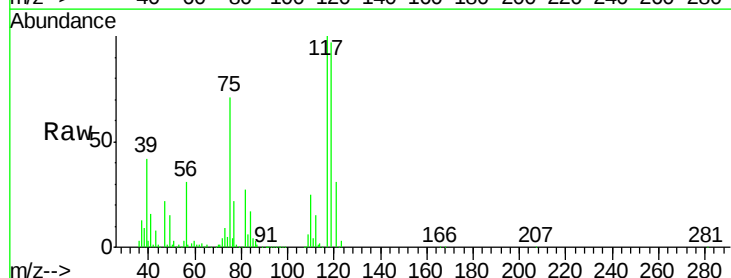
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#38
Carbon Tetrachloride
Concen: 53.131 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	564023		
119	97.4		77.0	115.6
121	30.7		24.6	36.8





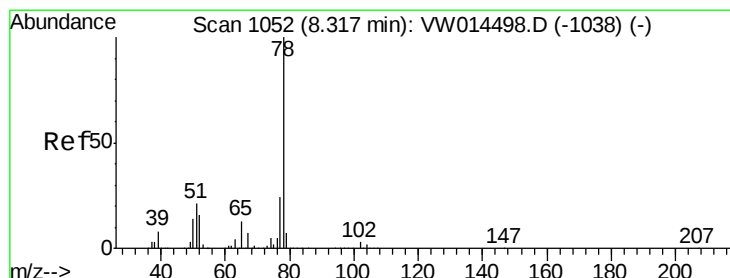
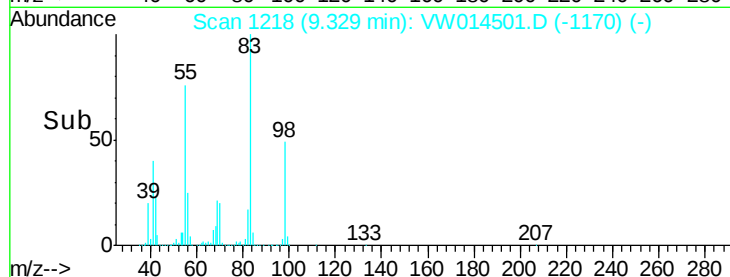
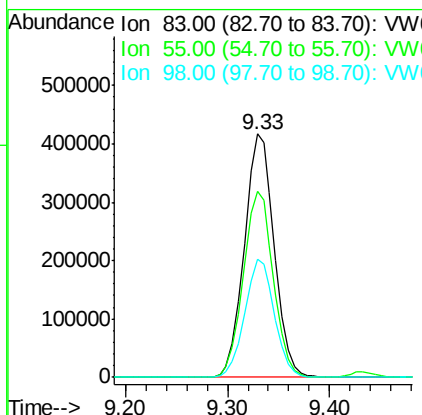
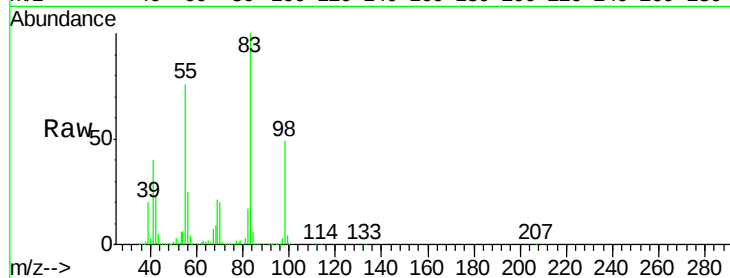
#39
Methvlcvclohexane
Concen: 54.089 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW010320

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.2	60.1	90.1
98	48.6	38.8	58.2

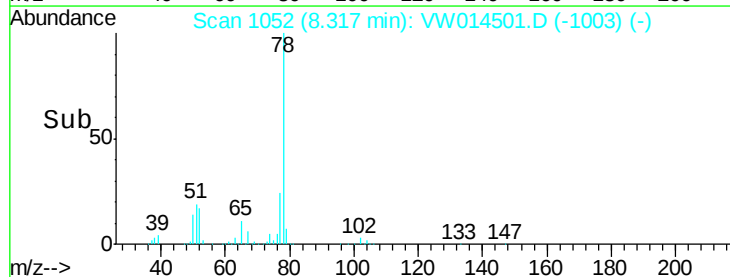
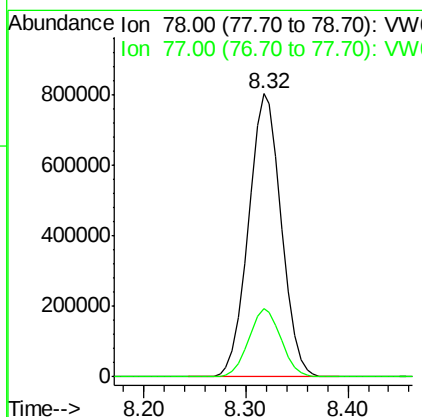
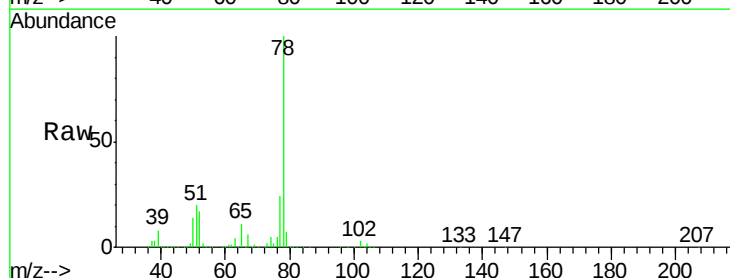
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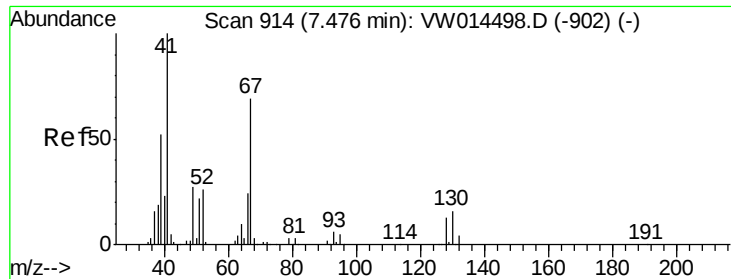
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#40
Benzene
Concen: 51.826 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





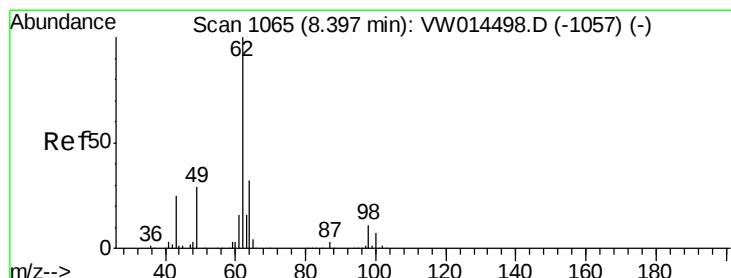
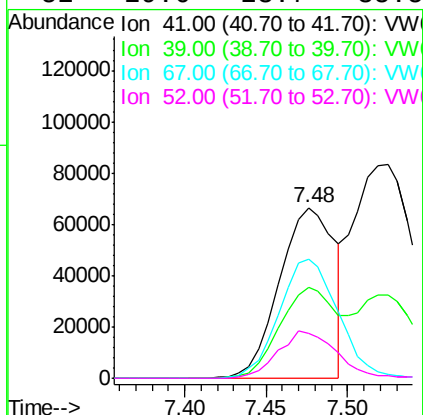
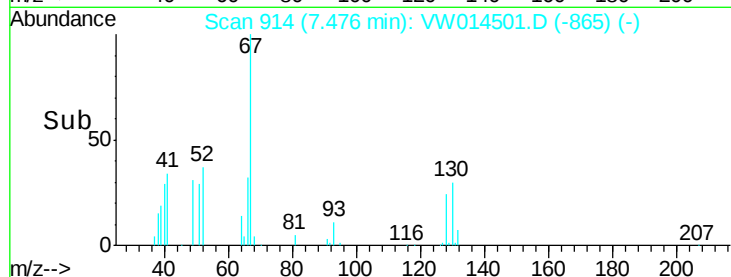
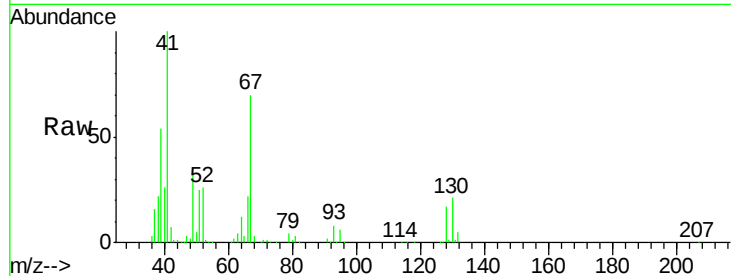
#41
Methacrylonitrile
Concen: 50.409 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW010320

Tot Ion	41	Resp	155941
Ion	Ratio	Lower	Upper
41	100		
39	57.8	46.0	69.0
67	75.3	60.8	91.2
52	29.6	23.7	35.5

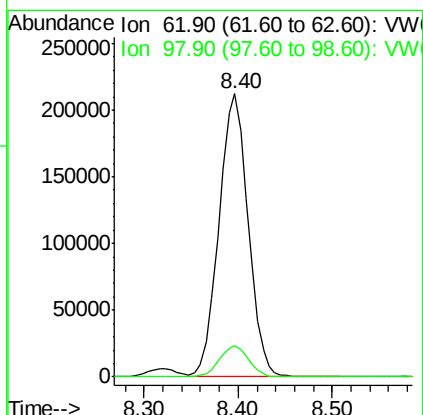
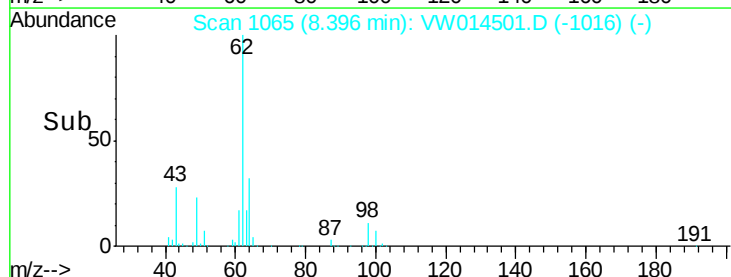
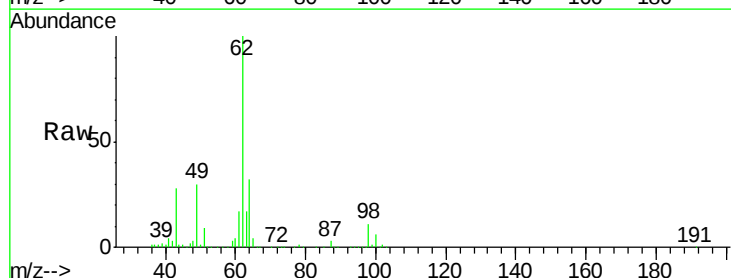
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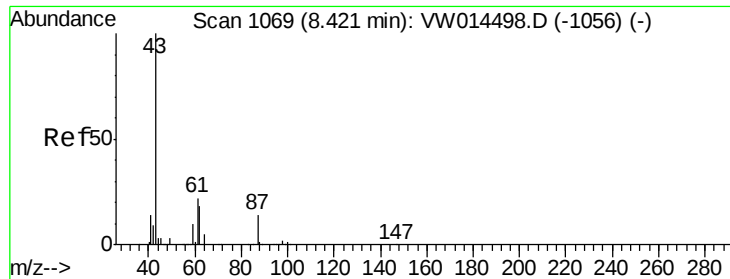
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#42
1,2-Dichloroethane
Concen: 50.602 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion	62	Resp	454629
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0





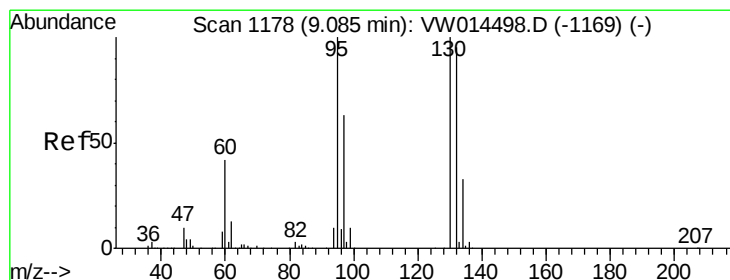
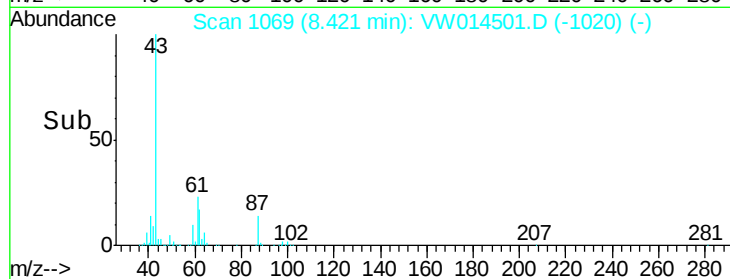
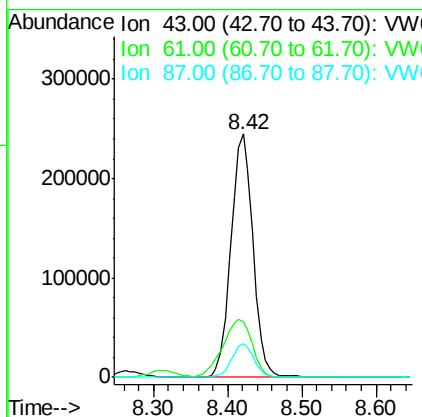
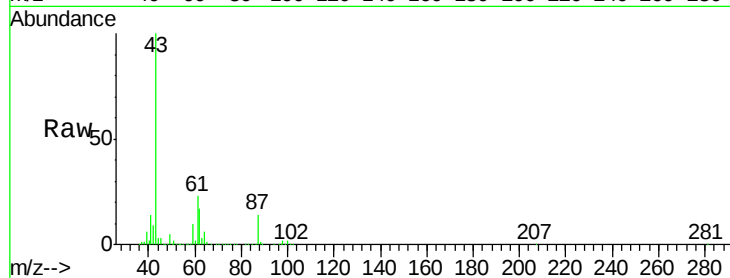
#43
Isopropyl Acetate
Concen: 50.240 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW010320

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.3	24.7	37.1
87	13.9	11.1	16.7

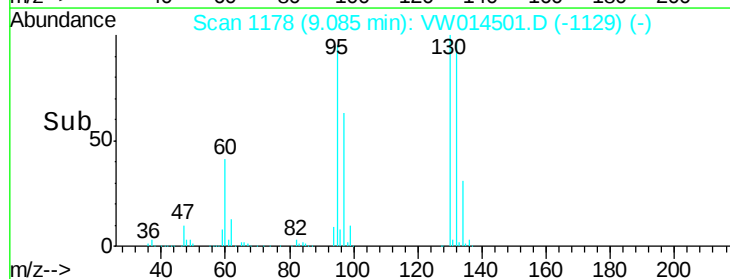
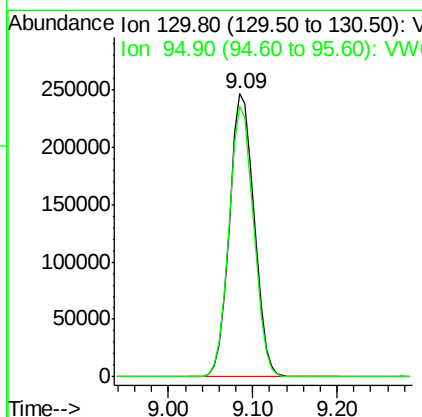
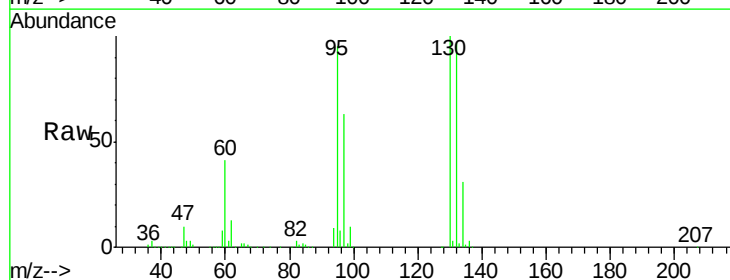
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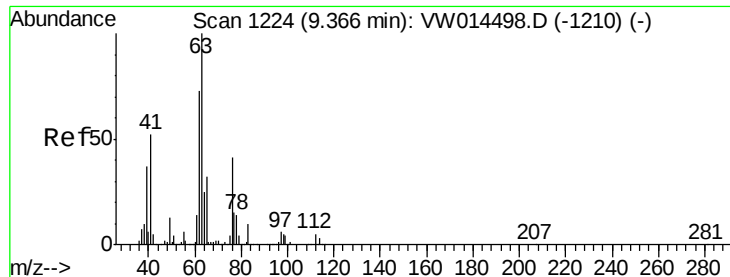
apatel
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#44
Trichloroethene
Concen: 52.431 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	199.4





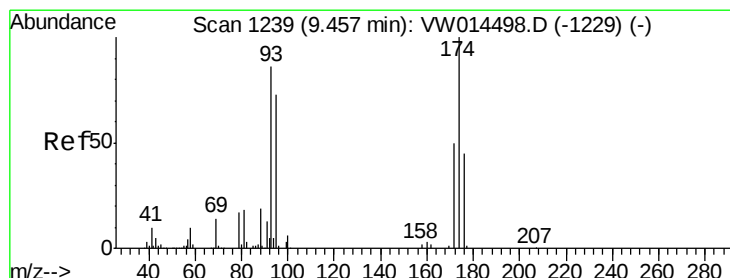
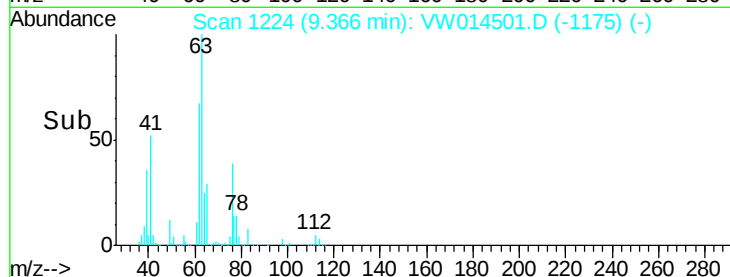
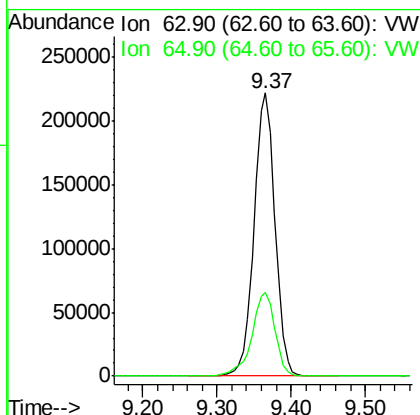
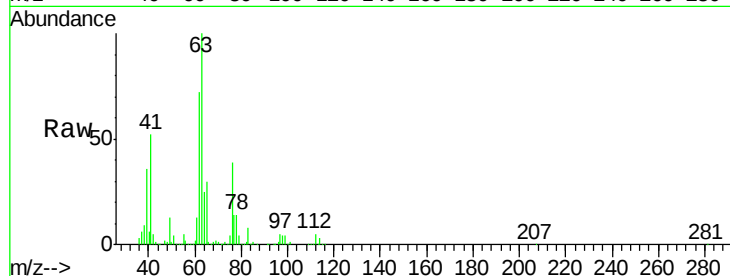
#45
 1,2-Dichloropropane
 Concen: 51.563 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW010320

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	25.6	38.4

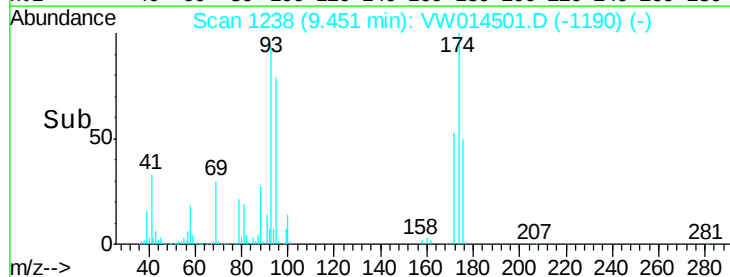
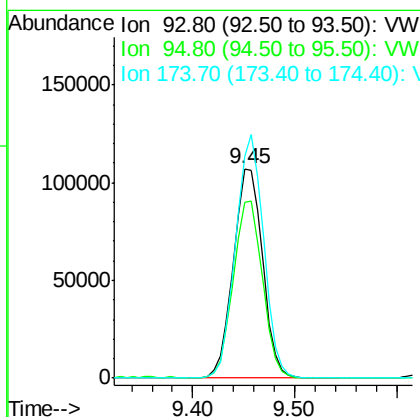
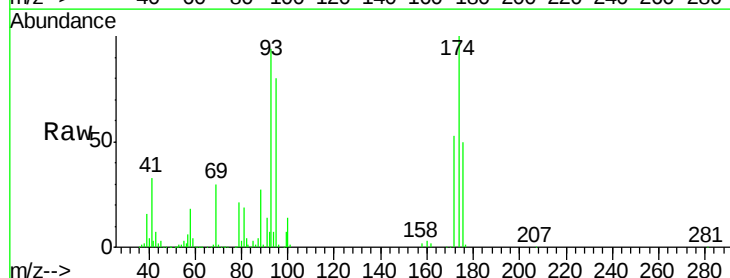
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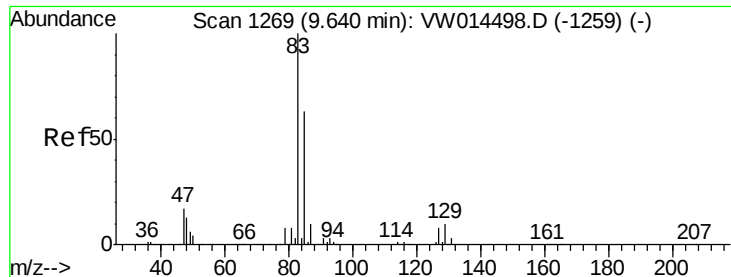
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#46
 Dibromomethane
 Concen: 50.775 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	66.4	99.6
174	111.5	89.1	133.7





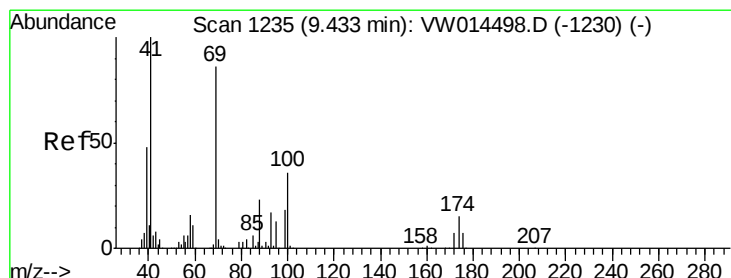
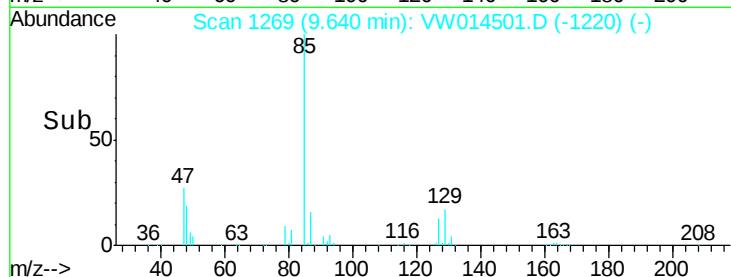
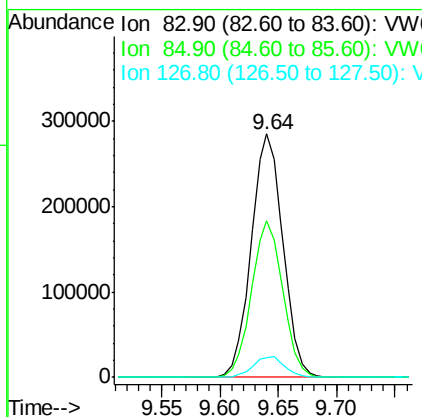
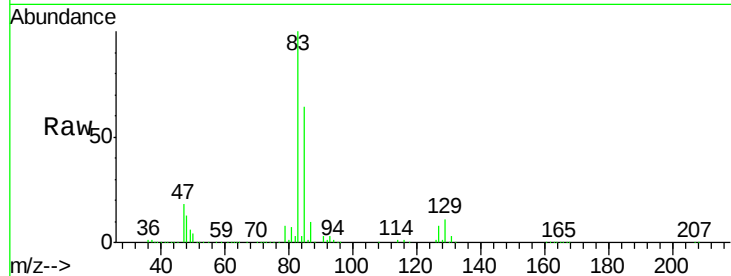
#47
Bromodichloromethane
Concen: 52.242 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampled :
ICVW010320

Tot Ion	83	Resp	540936
Ion Ratio	100	Lower	Upper
83	100		
85	64.2	50.6	76.0
127	8.2	6.6	9.8

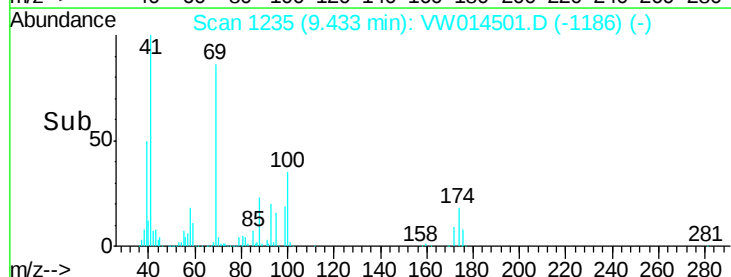
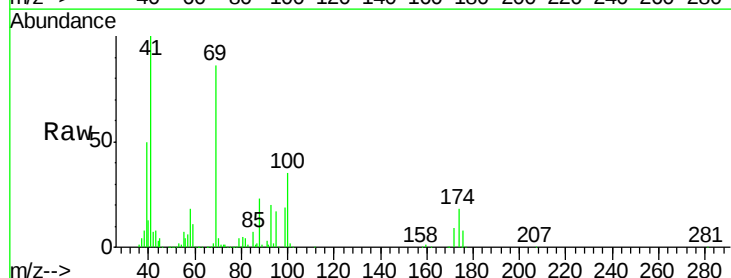
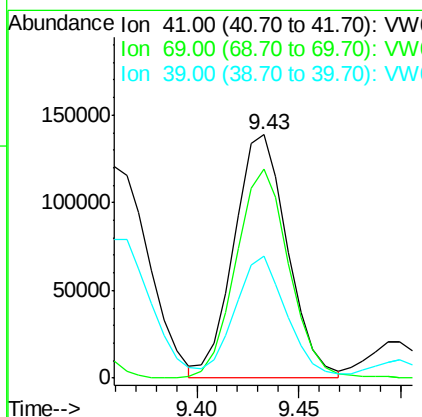
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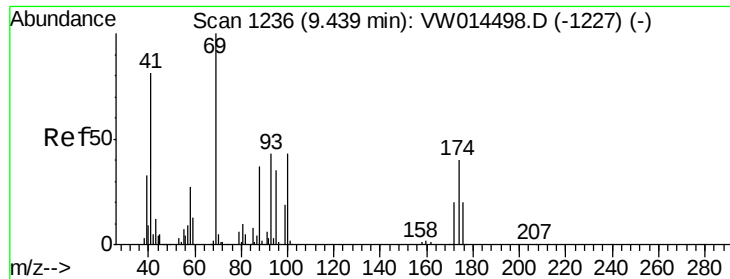
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#48
Methyl methacrylate
Concen: 51.185 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion	41	Resp	251839
Ion Ratio	100	Lower	Upper
41	100		
69	85.5	68.3	102.5
39	45.2	36.8	55.2





#49

1,4-Dioxane

Concen: 1049.141 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

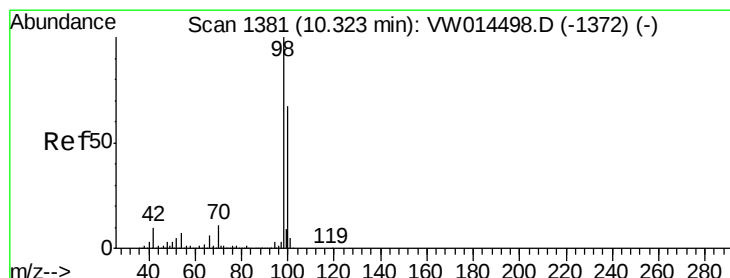
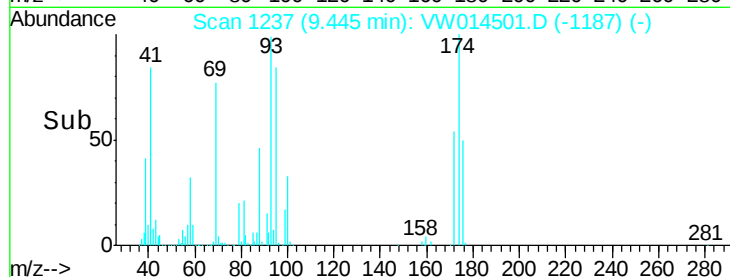
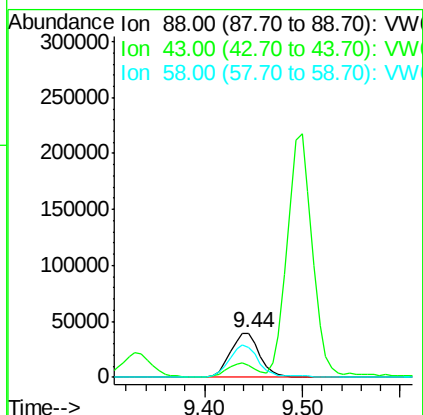
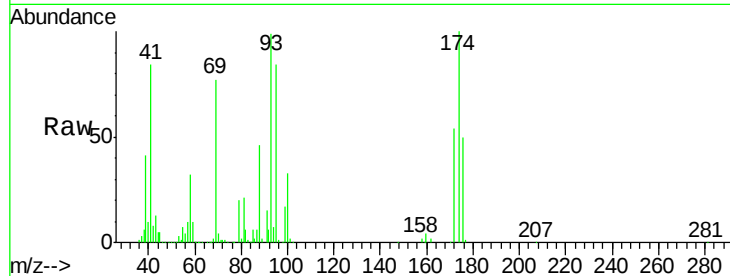
ClientSampleId :

ICVW010320

Tot Ion:	88	Resp:	82297
Ion Ratio	Lower	Upper	
88	100		
43	30.3	24.9	37.3
58	71.9	56.9	85.3

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#50

Toluene-d8

Concen: 52.354 ug/l

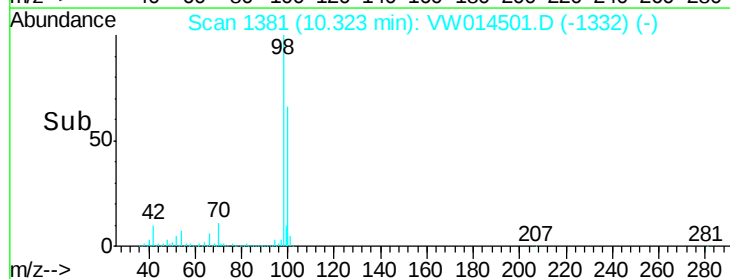
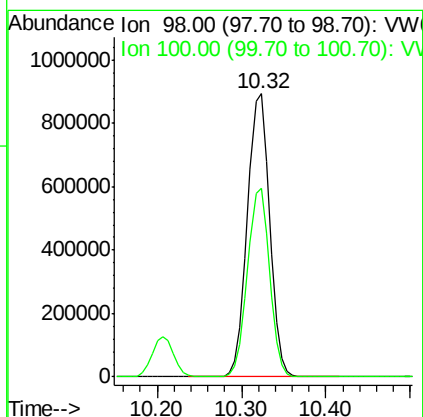
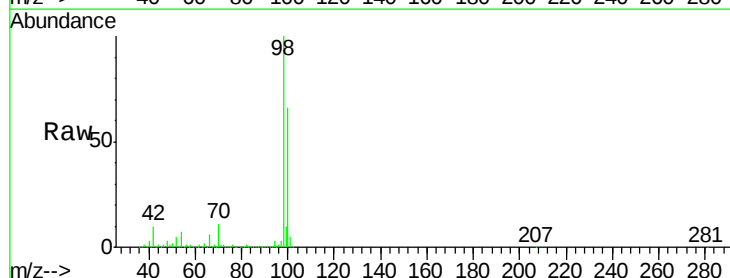
RT: 10.32 min Scan# 1381

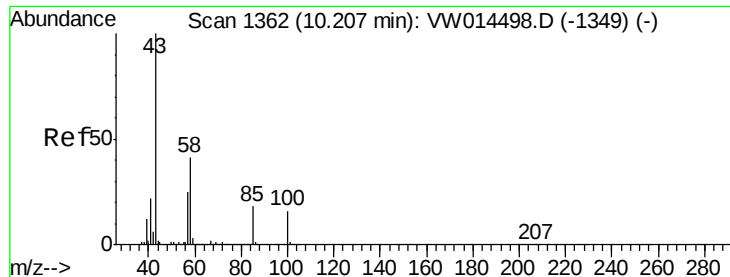
Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Tgt Ion:	98	Resp:	1584912
Ion Ratio	Lower	Upper	
98	100		
100	66.0	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 252.247 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW010320

Tot Ion: 43 Resp: 1320053

Ion Ratio Lower Upper

43 100

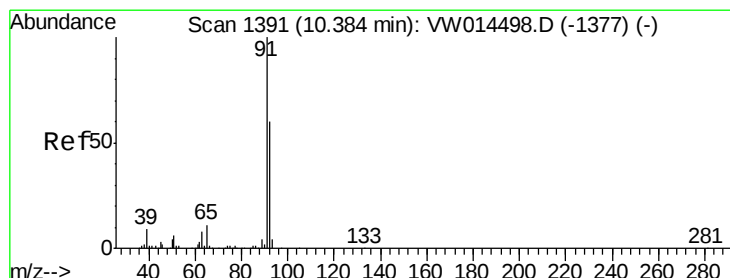
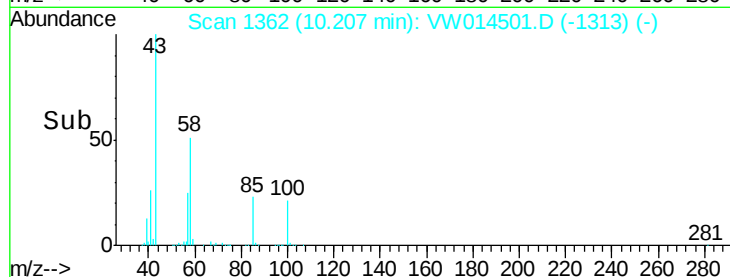
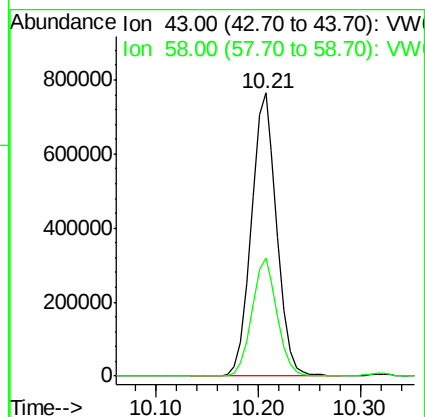
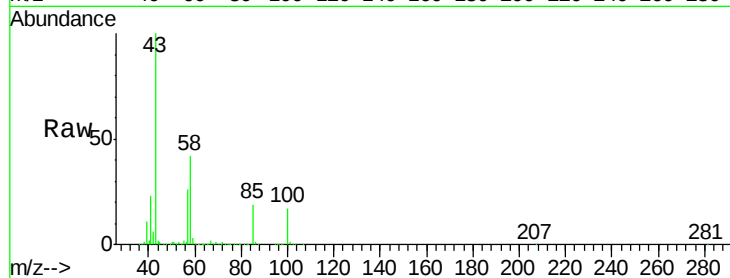
58 41.4 32.7 49.1

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#52

Toluene

Concen: 52.687 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014501.D

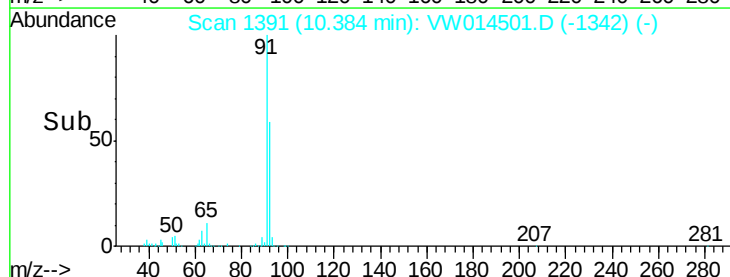
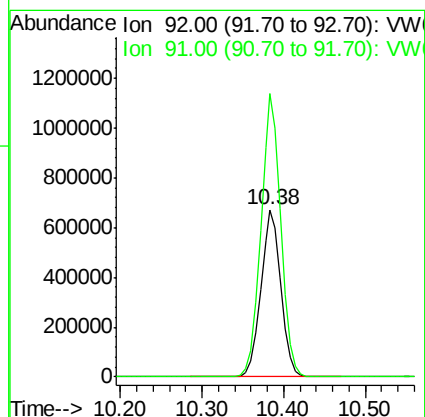
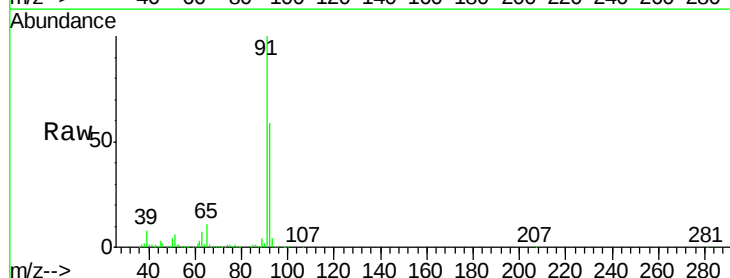
Acq: 03 Jan 2020 16:19

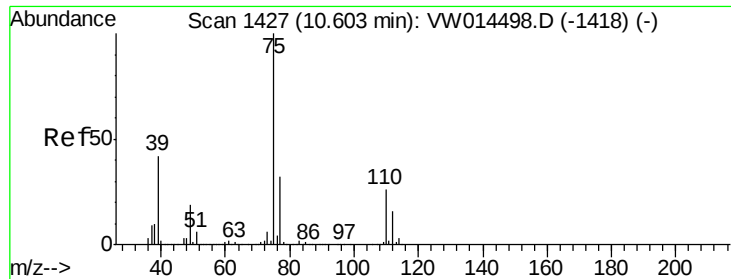
Tgt Ion: 92 Resp: 1147537

Ion Ratio Lower Upper

92 100

91 168.9 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 53.371 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW010320

Tot Ion: 75 Resp: 572180

Ion Ratio Lower Upper

75 100

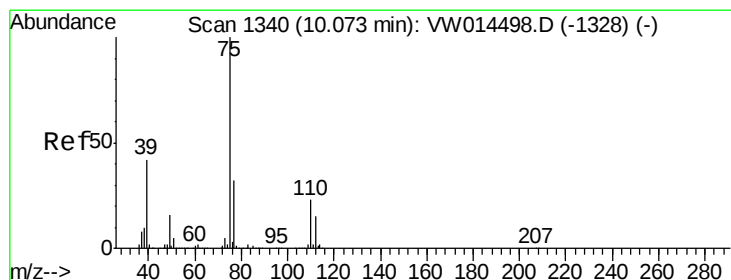
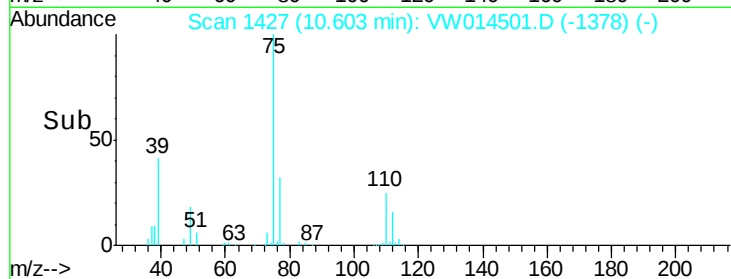
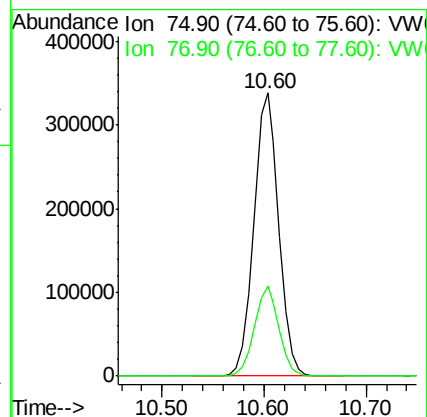
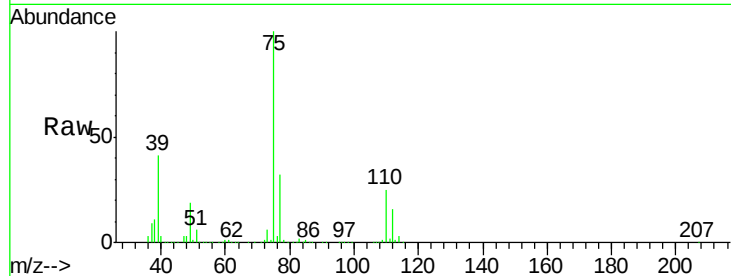
77 32.0 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 53.102 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

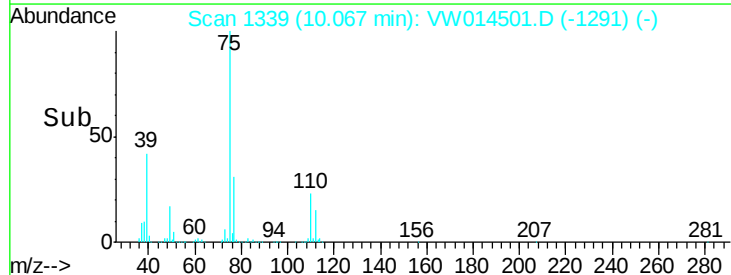
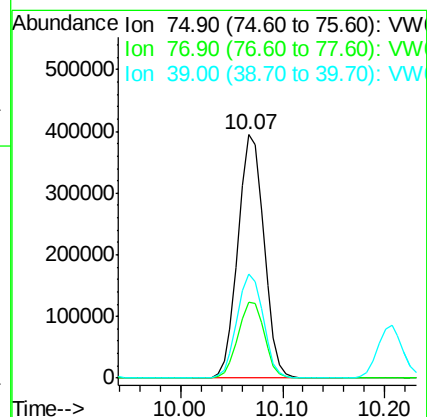
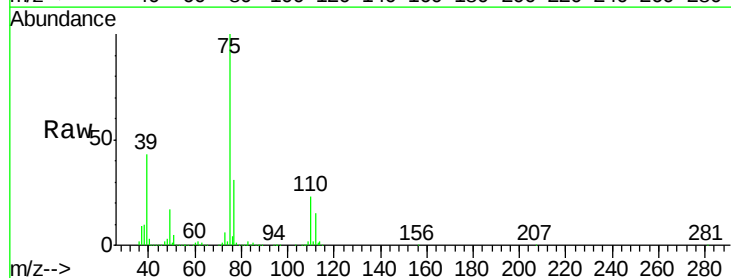
Tgt Ion: 75 Resp: 695788

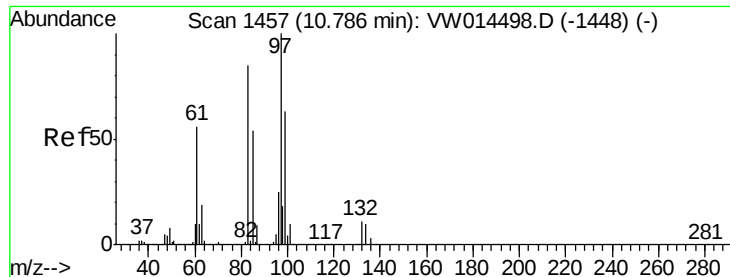
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 42.5 33.4 50.2





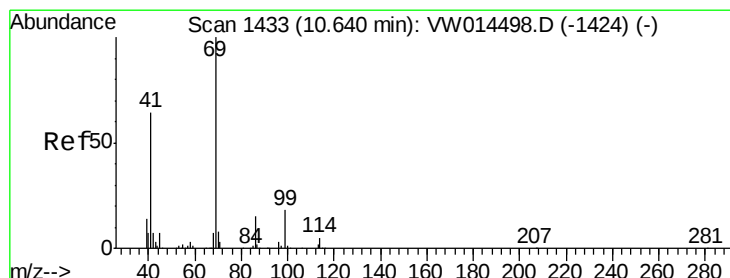
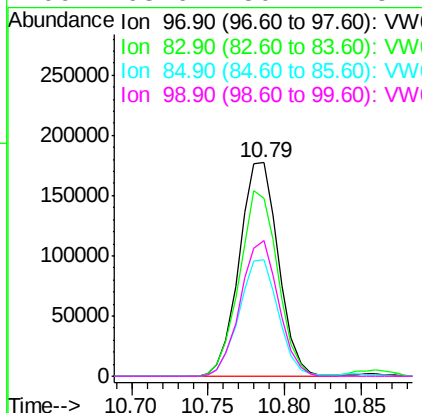
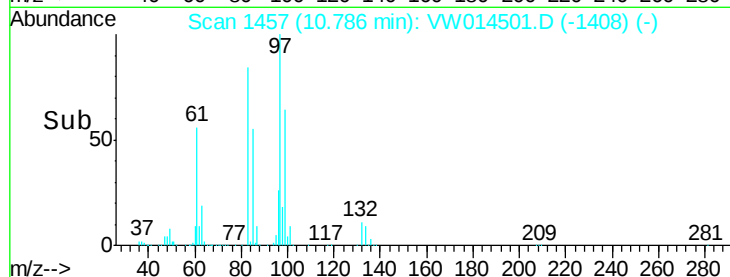
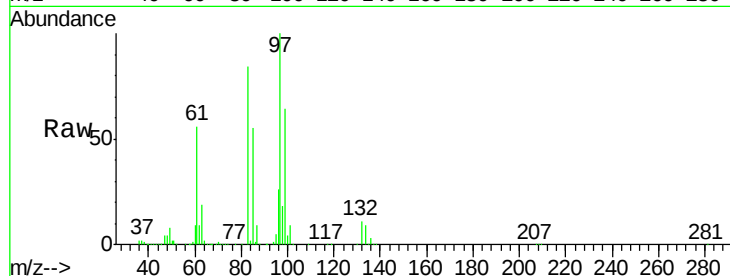
#55
 1,1,2-Trichloroethane
 Concen: 51.450 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW010320

Tot Ion	97	Resp	315144
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.2	102.4
85	54.6	43.0	64.4
99	63.6	50.1	75.1

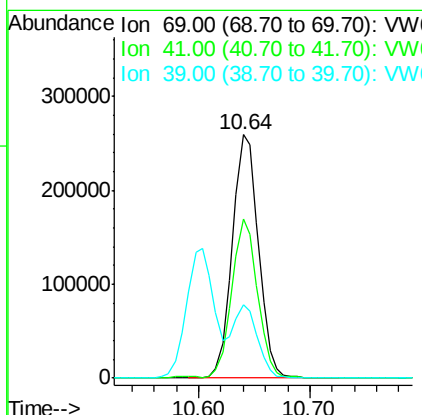
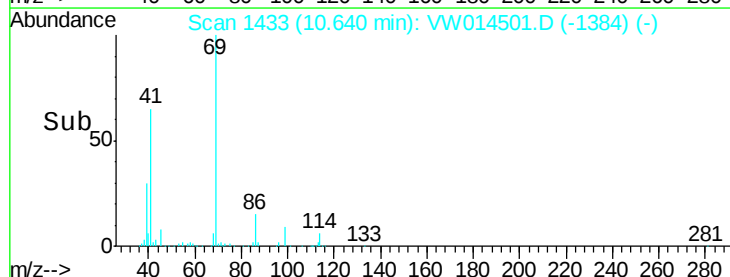
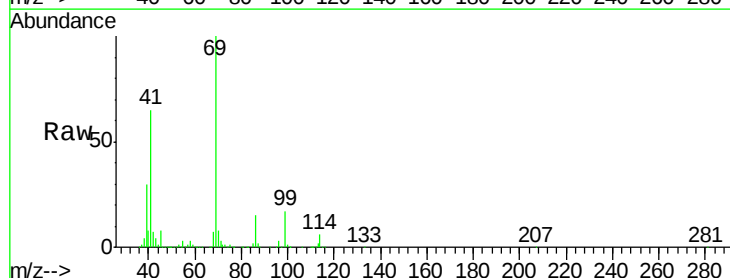
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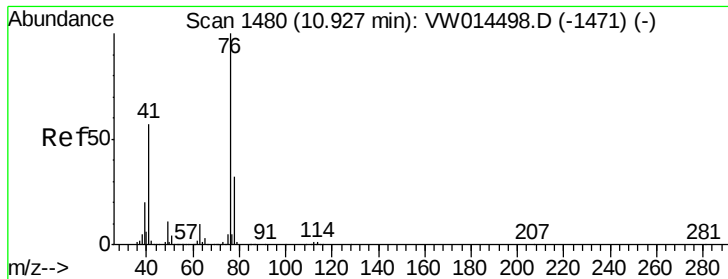
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#56
 Ethyl methacrylate
 Concen: 53.015 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Tgt Ion	69	Resp	422022
Ion	Ratio	Lower	Upper
69	100		
41	63.3	51.3	76.9
39	25.3	21.0	31.6





#57

1,3-Dichloropropane

Concen: 51.290 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW010320

Tot Ion: 76 Resp: 552148

Ion Ratio Lower Upper

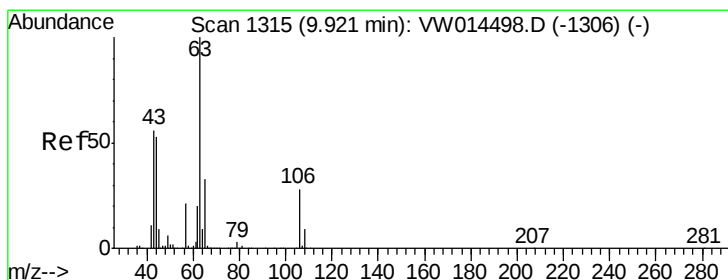
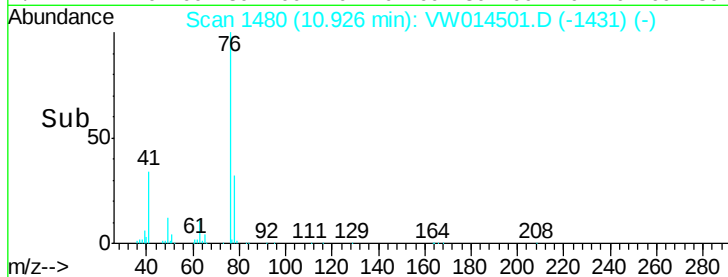
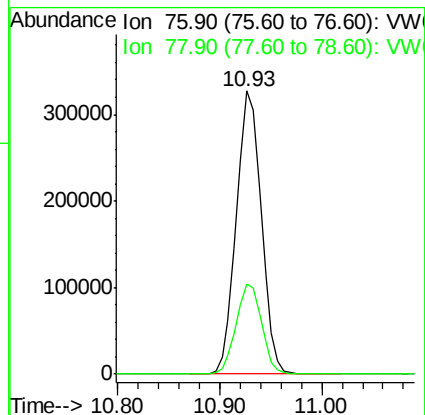
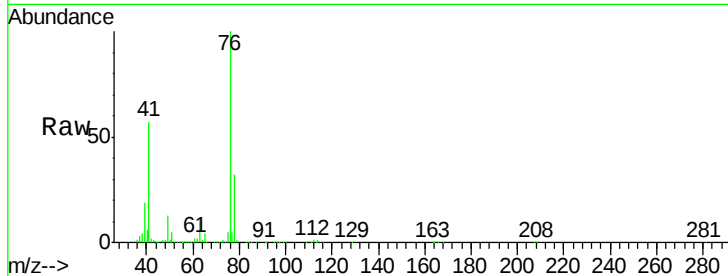
76 100

78 32.4 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 260.612 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014501.D

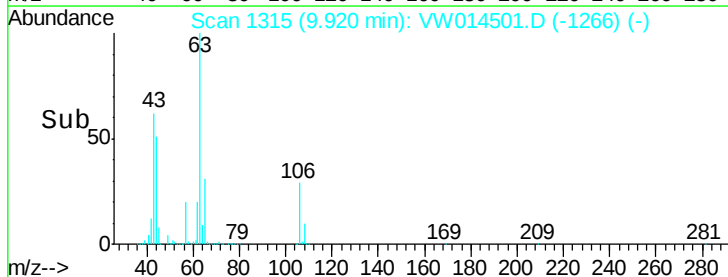
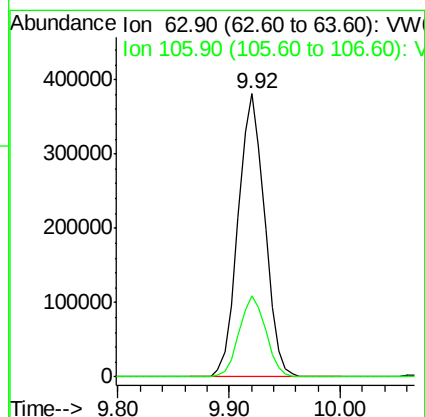
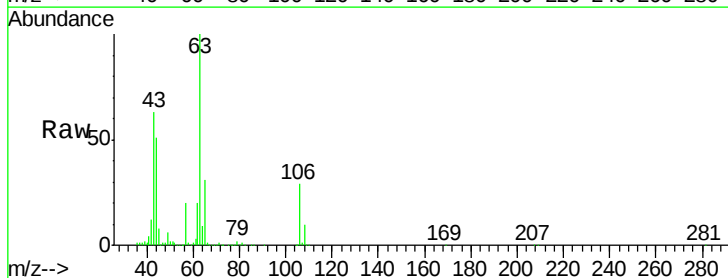
Acq: 03 Jan 2020 16:19

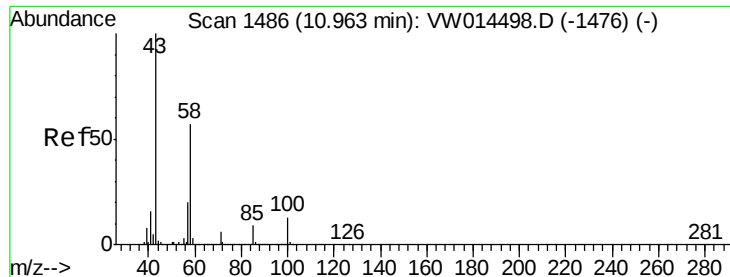
Tgt Ion: 63 Resp: 630942

Ion Ratio Lower Upper

63 100

106 28.8 23.0 34.6





#59

2-Hexanone

Concen: 258.169 ug/l

RT: 10.96 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

ClientSampleId :

ICVW010320

Tot Ion: 43 Resp: 930988

Ion Ratio Lower Upper

43 100

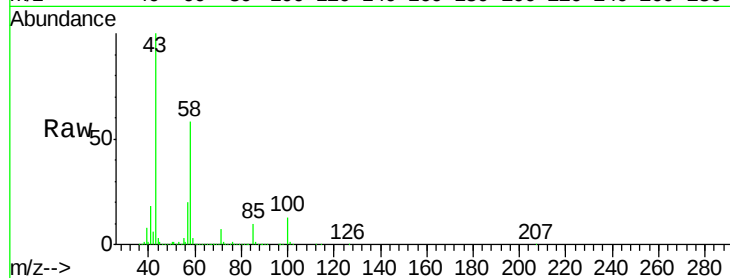
58 57.6 28.7 86.3

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.96

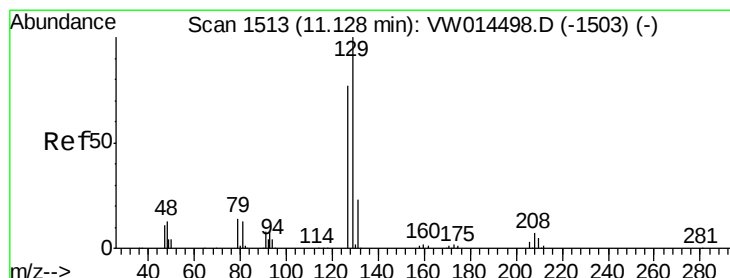
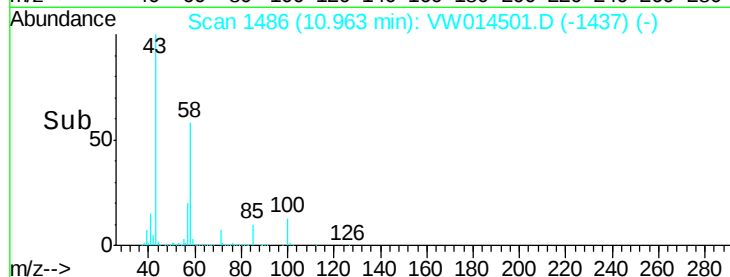
600000

400000

200000

0

Time-->



#60

Dibromochloromethane

Concen: 52.503 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW014501.D

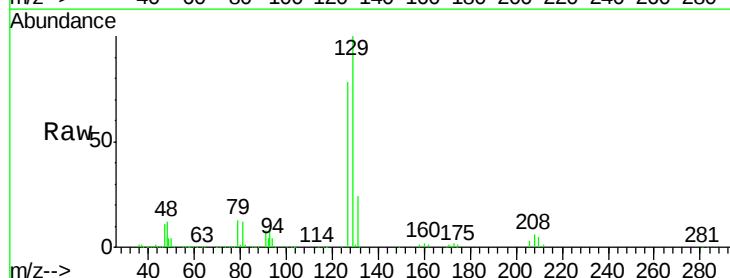
Acq: 03 Jan 2020 16:19

Tgt Ion: 129 Resp: 362856

Ion Ratio Lower Upper

129 100

127 76.5 38.1 114.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.13

200000

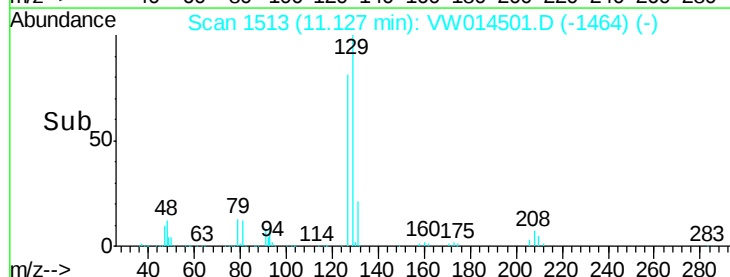
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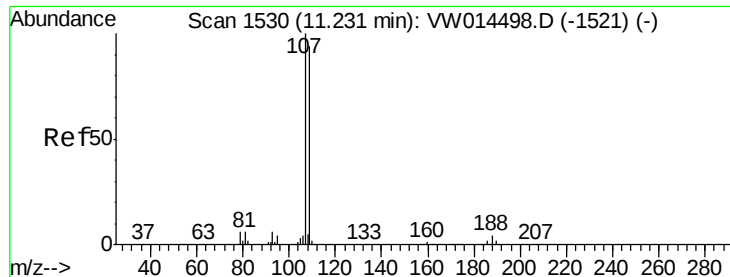
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50000

0

Time-->





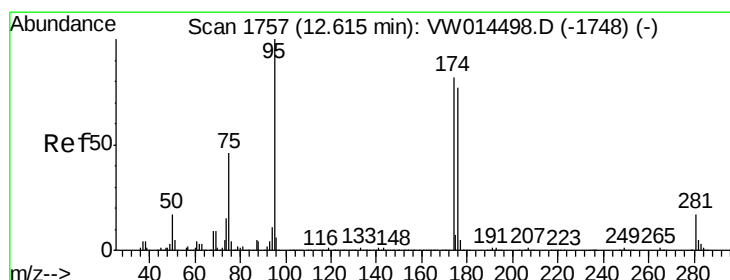
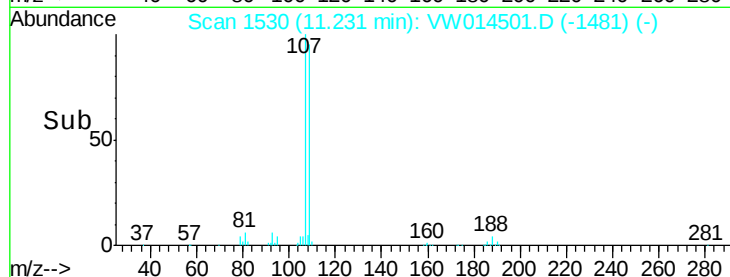
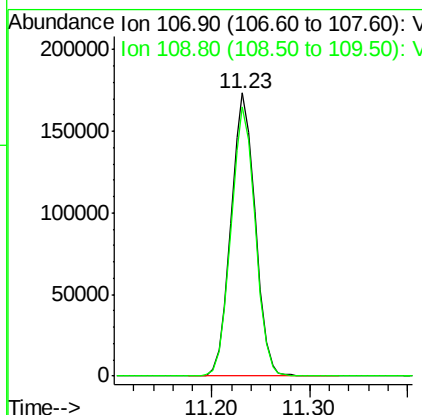
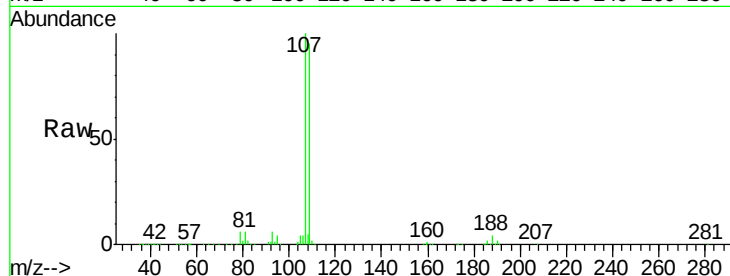
#61
 1,2-Dibromoethane
 Concen: 51.071 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010320

Tot Ion	Ratio	Resp	Lower	Upper
107	100	296938		
109	95.2	75.1	112.7	

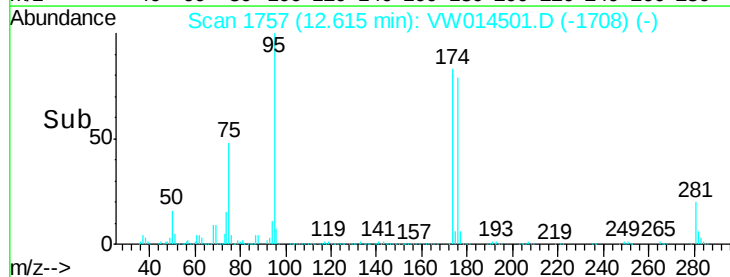
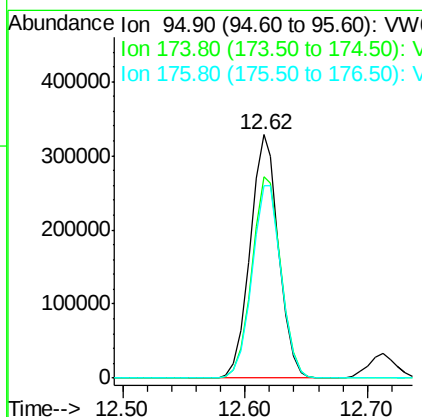
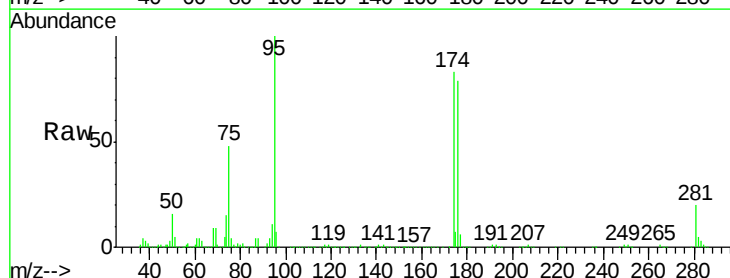
Manual Integrations
 APPROVED

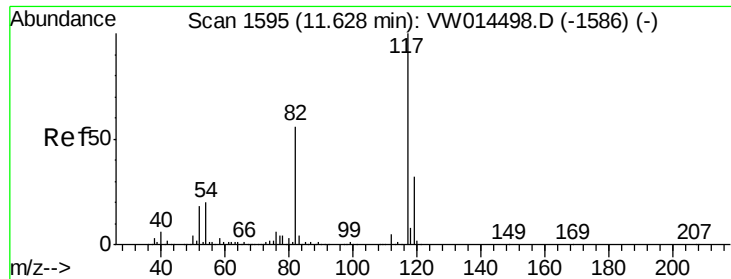
apatel
 1/6/2020 10:43:27 AM



#62
 4-Bromofluorobenzene
 Concen: 51.543 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	529256		
174	84.2	0.0	168.6	
176	81.3	0.0	162.0	





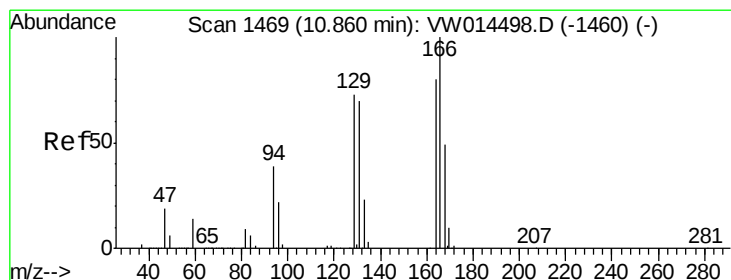
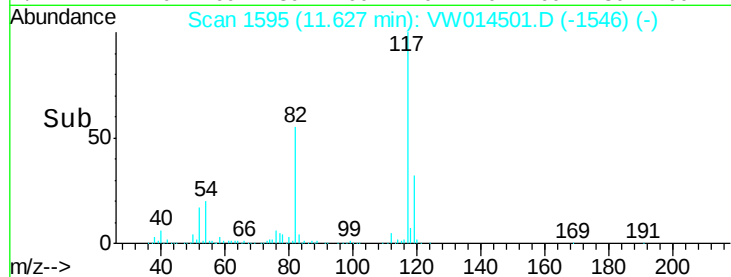
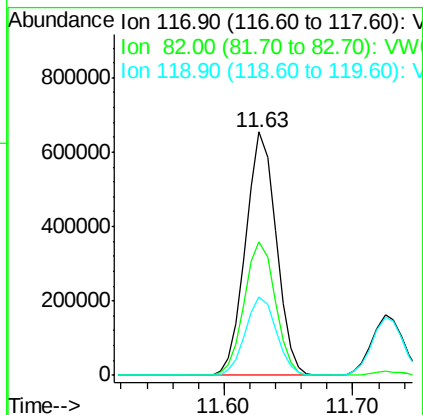
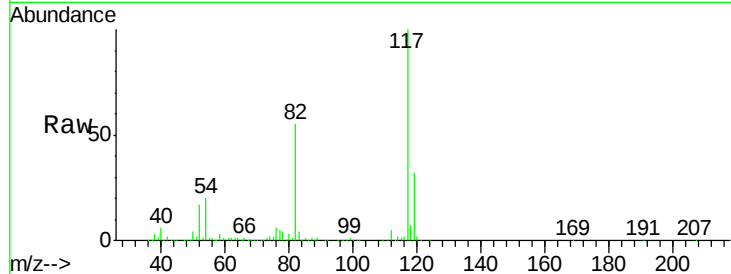
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW010320

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.6	67.0
119	32.3	25.7	38.5

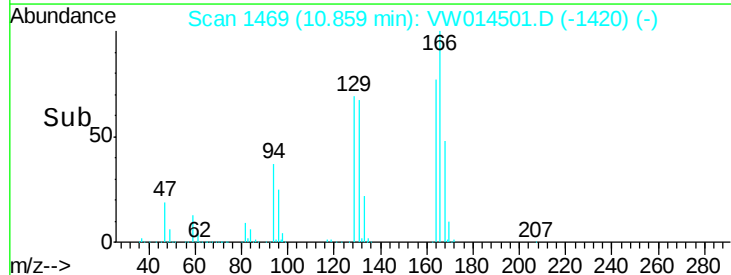
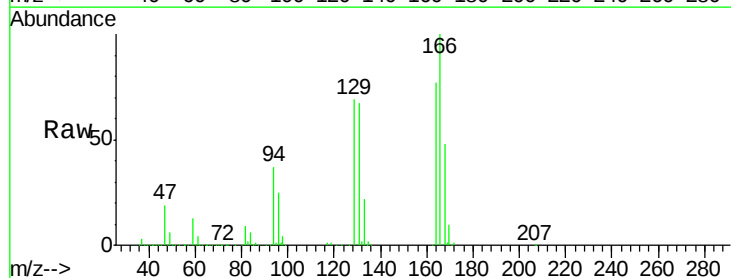
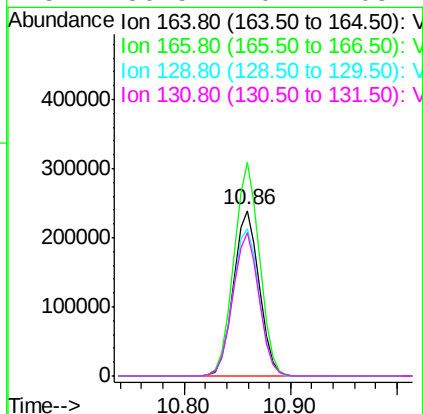
Manual Integrations
APPROVED

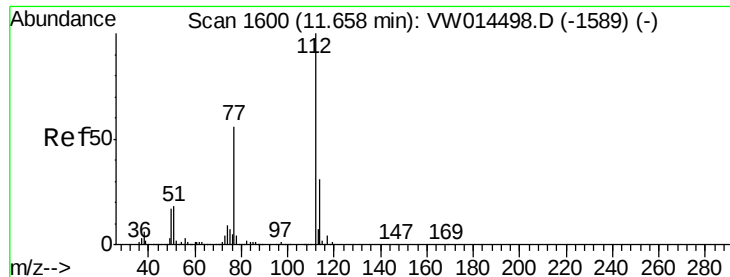
apatel
1/6/2020 10:43:27 AM



#64
Tetrachloroethene
Concen: 52.252 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	99.8	149.6
129	88.8	72.4	108.6
131	86.5	70.1	105.1





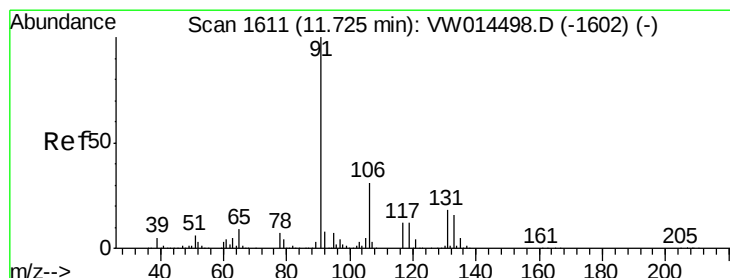
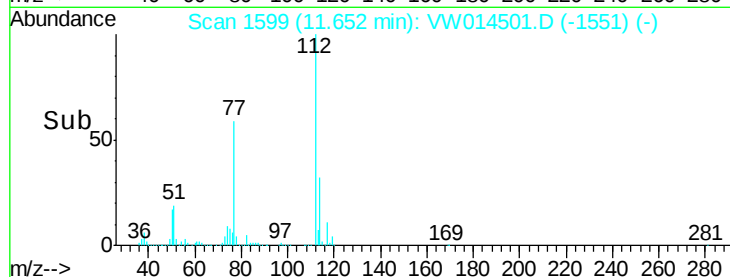
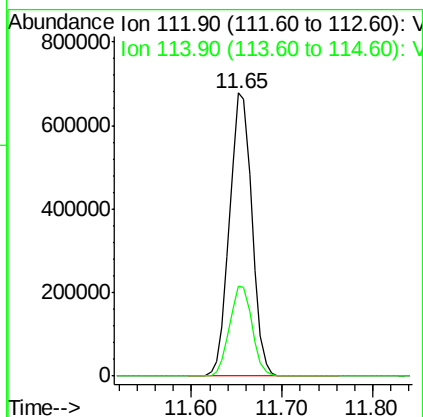
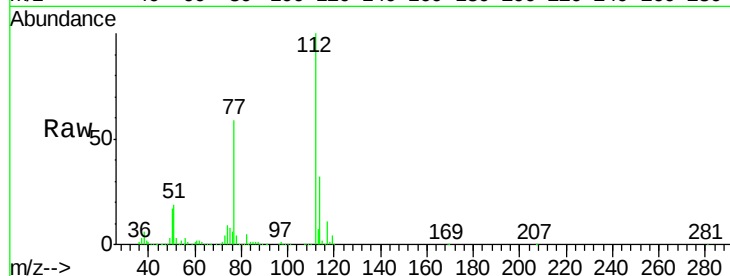
#65
Chlorobenzene
Concen: 52.781 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW010320

Tot Ion:112 Resp: 1161779
Ion Ratio Lower Upper
112 100
114 31.9 24.6 37.0

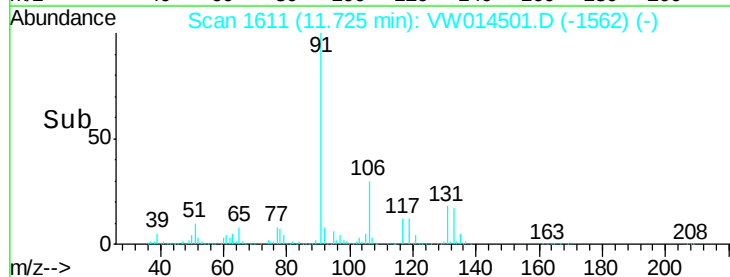
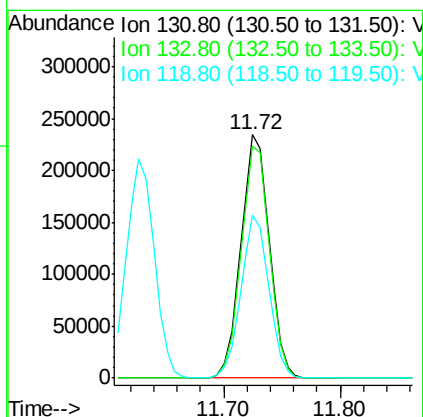
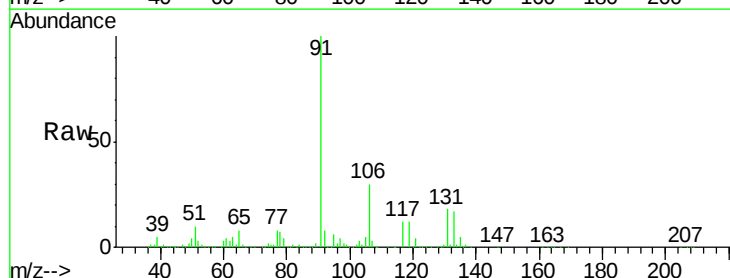
Manual Integrations
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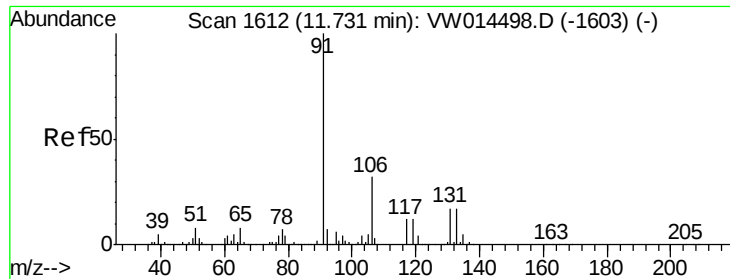
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.959 ug/l
RT: 11.72 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion:131 Resp: 399893
Ion Ratio Lower Upper
131 100
133 95.2 47.3 142.0
119 65.7 33.1 99.3





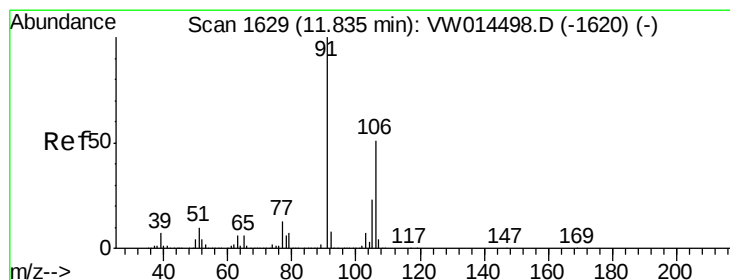
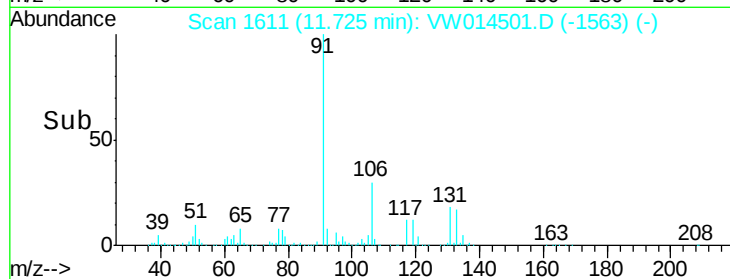
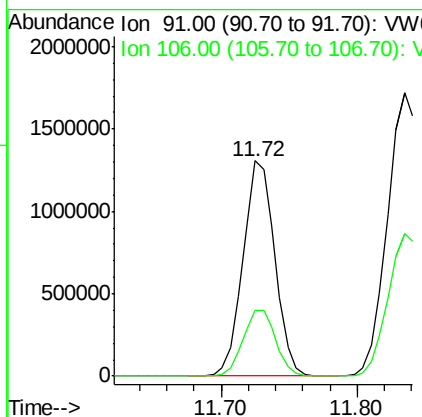
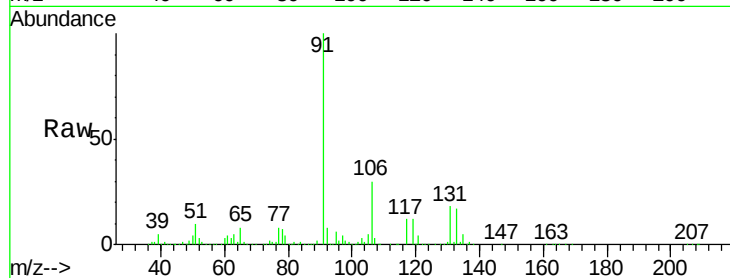
#67
Ethyl Benzene
Concen: 53.907 ug/l
RT: 11.72 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampled :
ICVW010320

Tot Ion: 91 Resp: 2138360
Ion Ratio Lower Upper
91 100
106 30.3 25.5 38.3

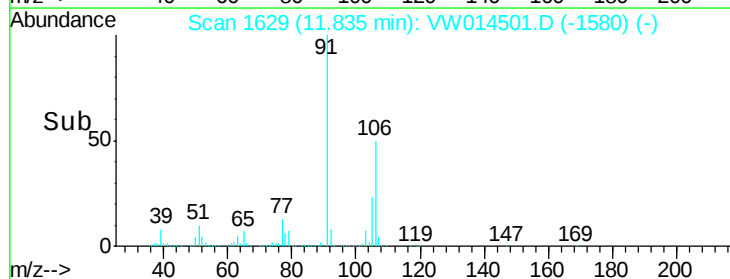
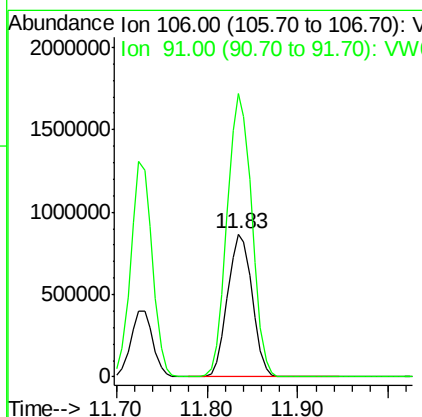
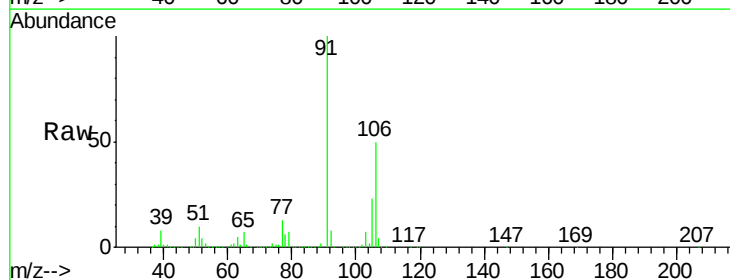
Manual Integrations
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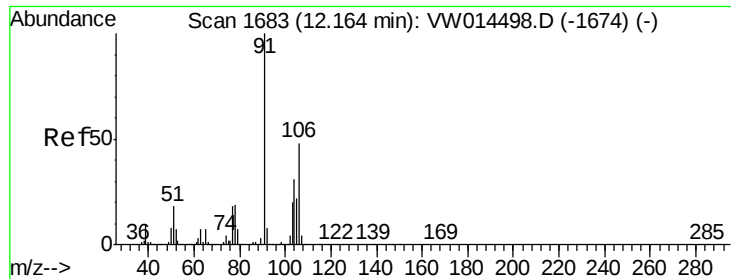
apatel
1/6/2020 10:43:27 AM



#68
m/p-Xylenes
Concen: 107.192 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion: 106 Resp: 1627369
Ion Ratio Lower Upper
106 100
91 199.0 159.0 238.6





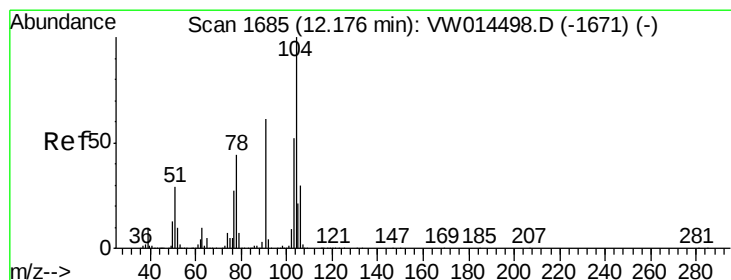
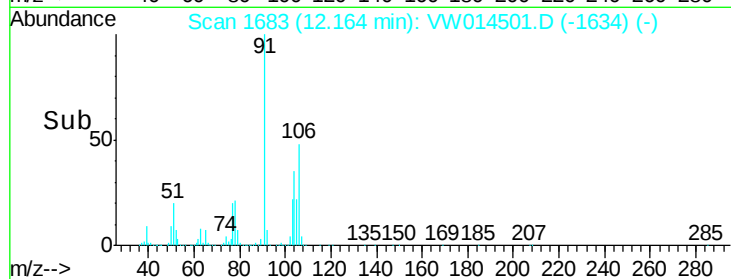
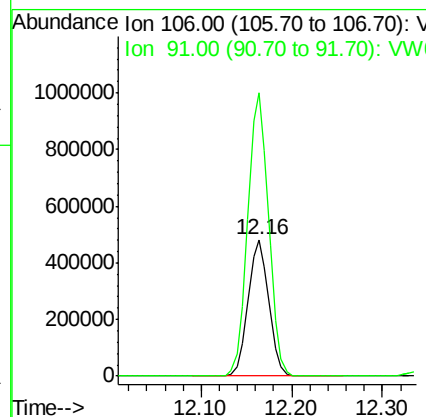
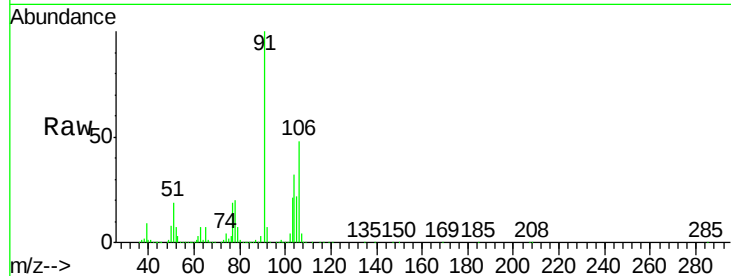
#69
o-Xylene
Concen: 53.911 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampled :
ICVW010320

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.0	105.2	315.6	

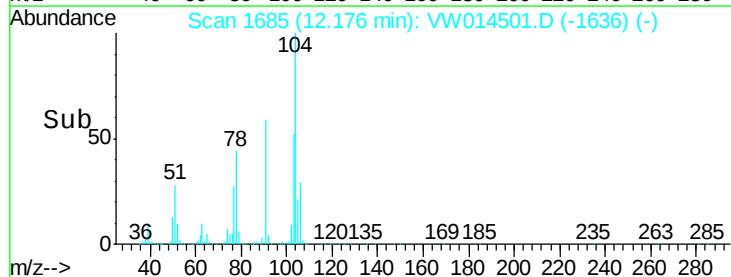
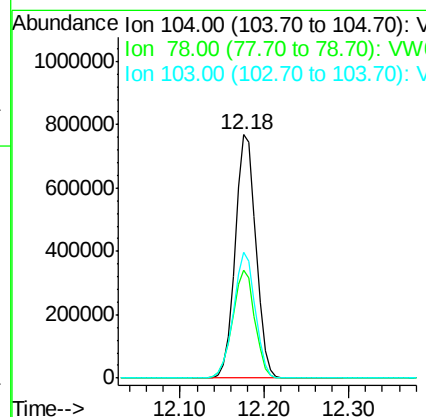
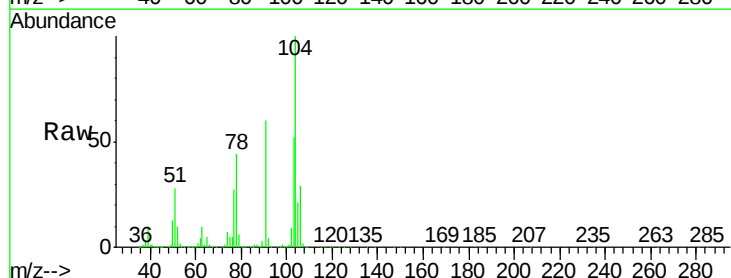
Manual Integrations
APPROVED

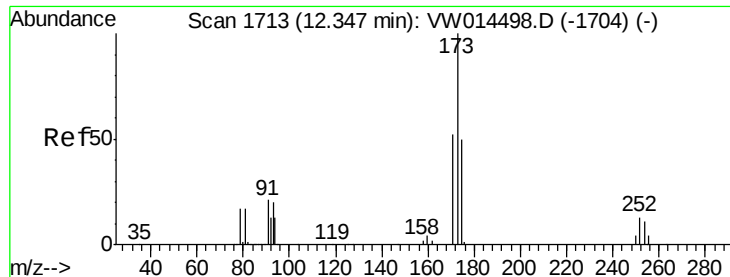
apatel
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#70
Styrene
Concen: 54.022 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.0	38.4	57.6	
103	54.3	43.7	65.5	





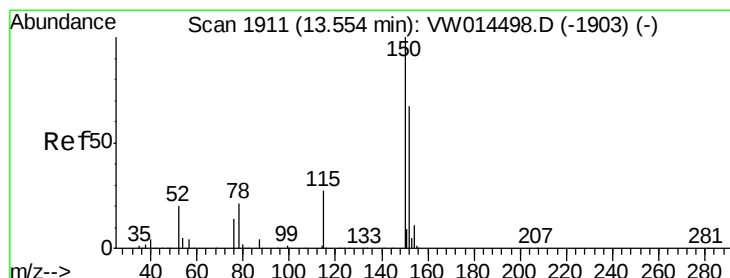
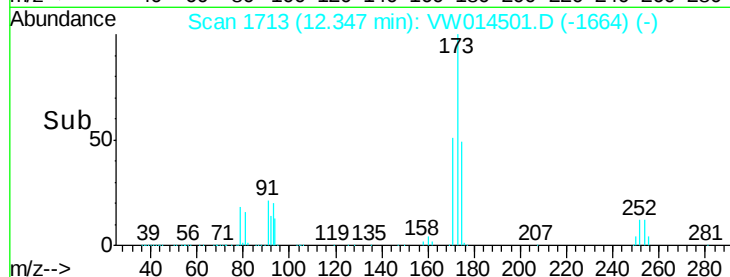
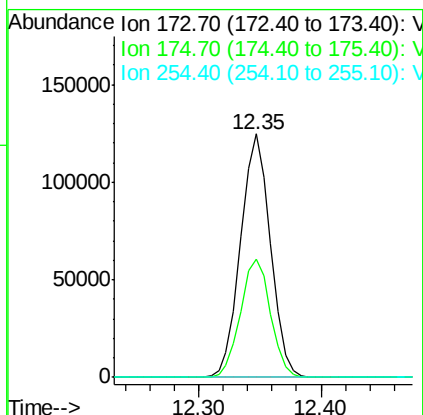
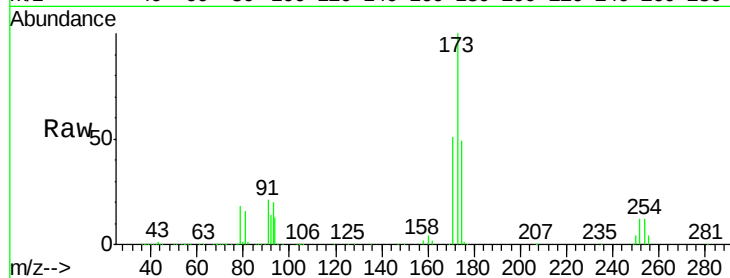
#71
Bromoform
Concen: 52.149 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW010320

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.1	0.0	0.0

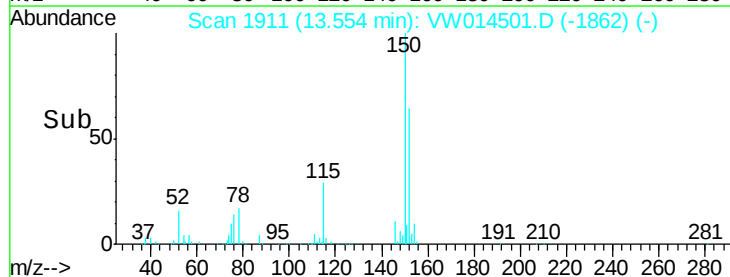
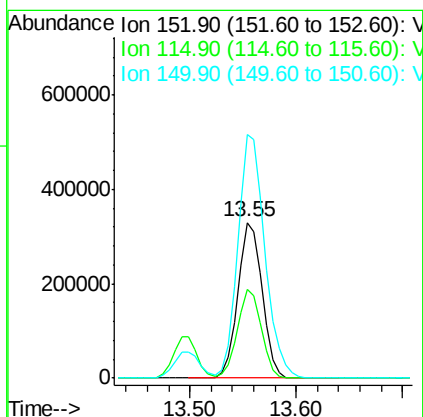
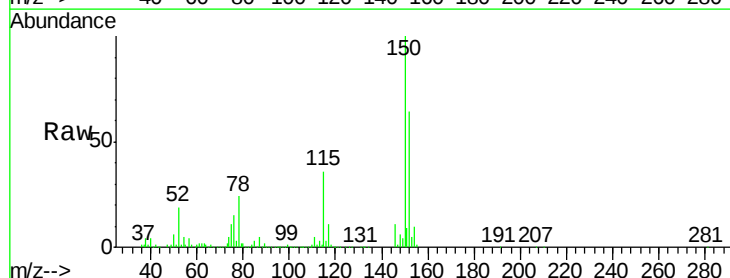
Manual Integrations
APPROVED

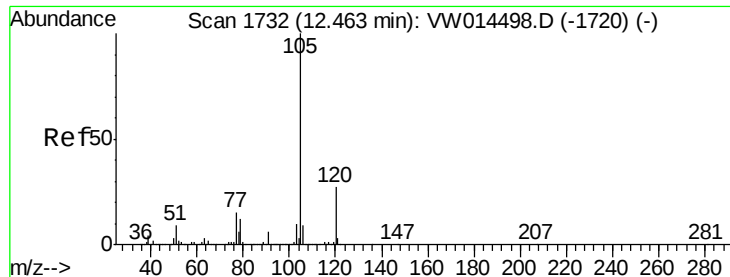
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.7	83.1
150	173.5	0.0	343.4





#73

Isopropylbenzene

Concen: 54.198 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

ClientSampled :

ICVW010320

Tot Ion:105 Resp: 2103537

Ion Ratio Lower Upper

105 100

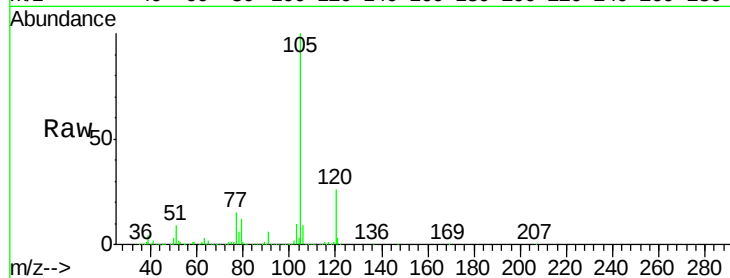
120 26.8 13.4 40.1

Manual Integrations

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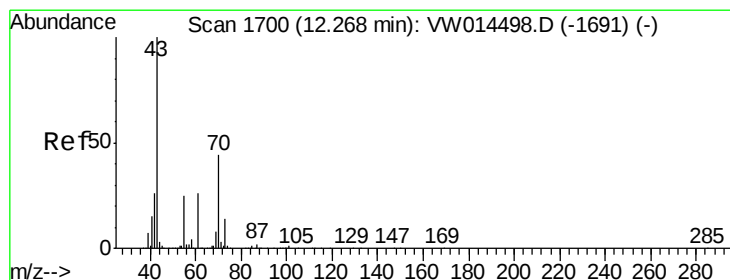
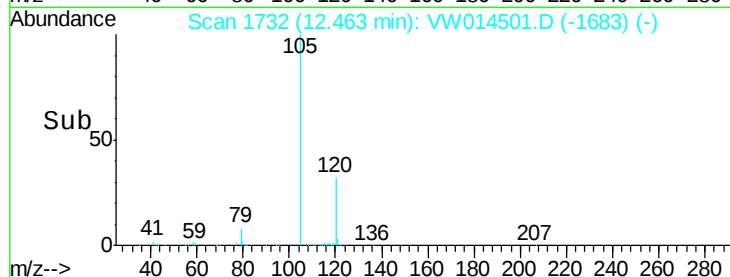
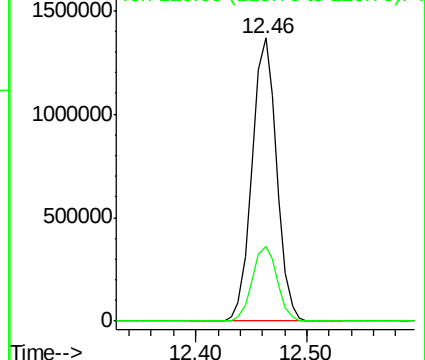
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.256 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Tgt Ion: 43 Resp: 463463

Ion Ratio Lower Upper

43 100

70 45.2 36.5 54.7

55 25.6 20.9 31.3

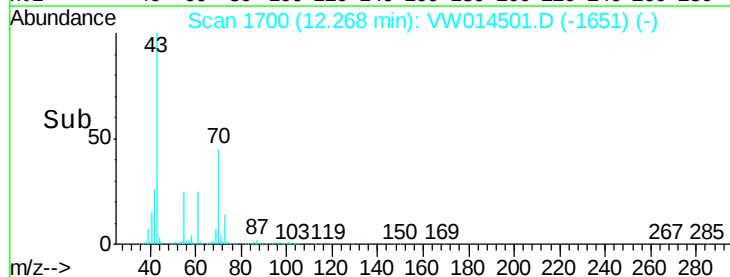
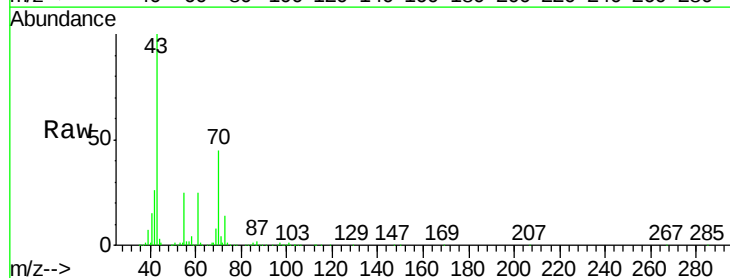
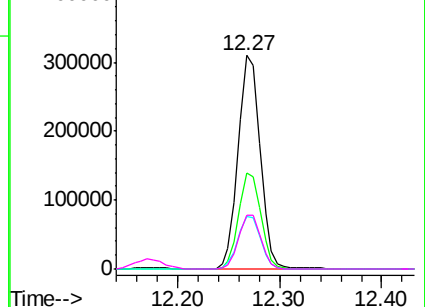
61 25.7 20.7 31.1

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 50.825 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

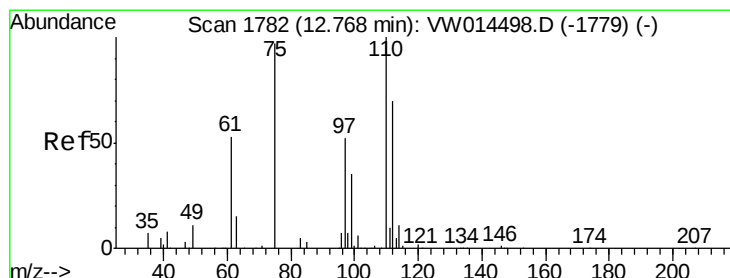
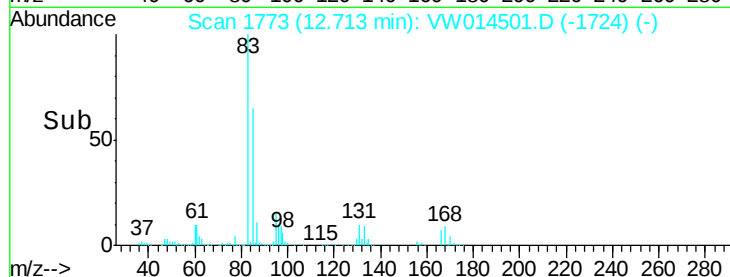
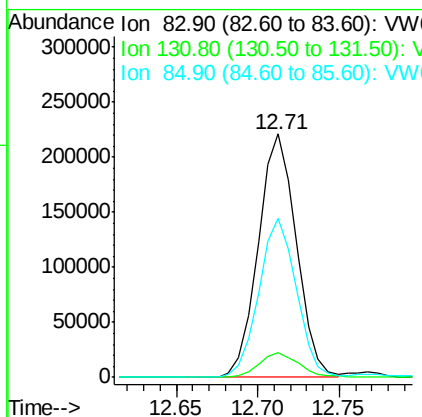
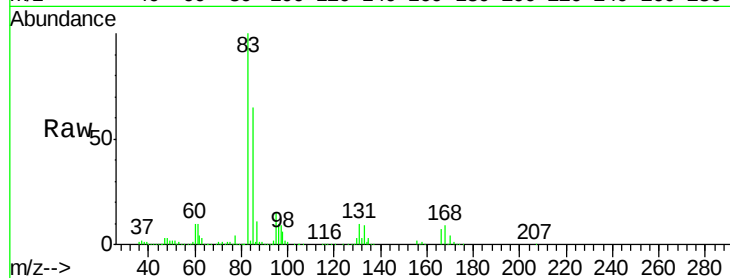
ClientSampled :

ICVW010320

Tot Ion:	83	Resp:	356051
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.4
85	64.4	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.185 ug/l m

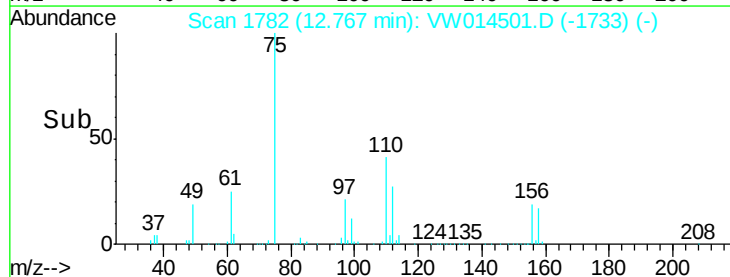
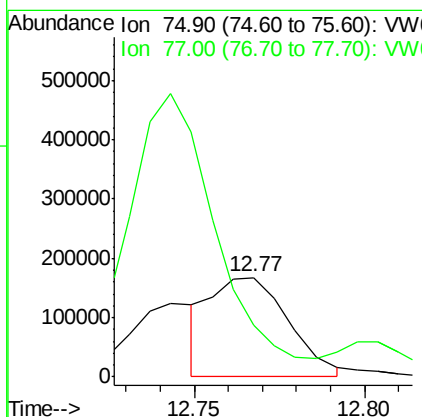
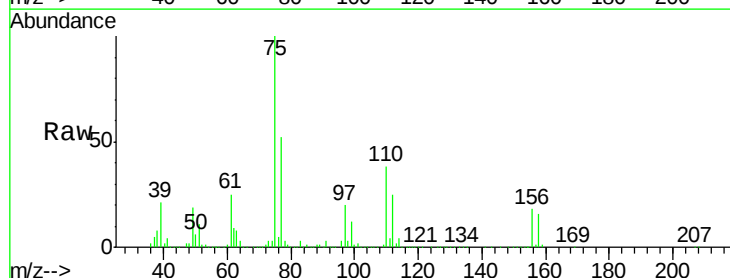
RT: 12.77 min Scan# 1782

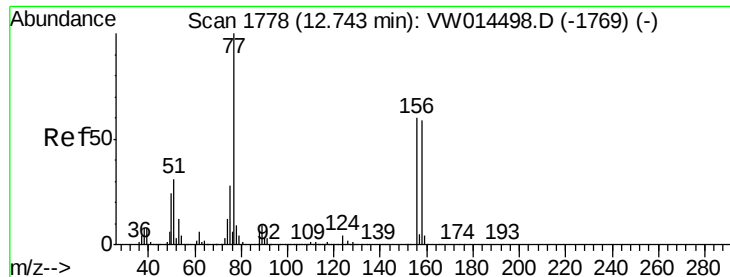
Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Tgt Ion:	75	Resp:	265987
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.297 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

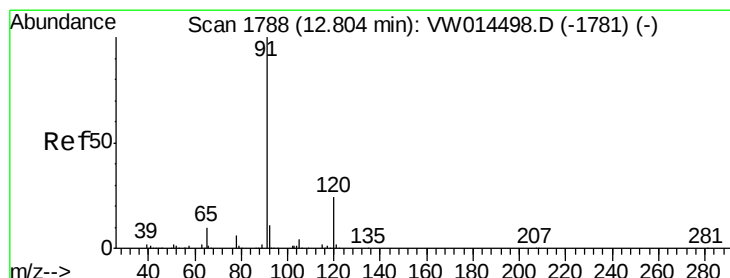
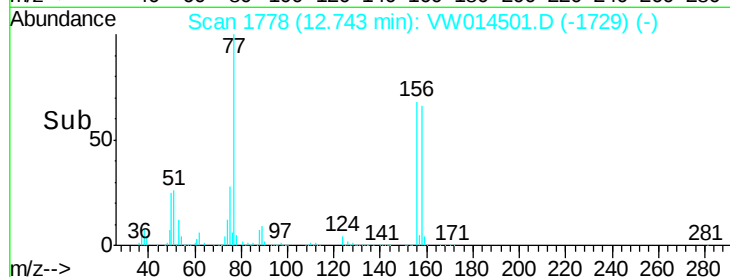
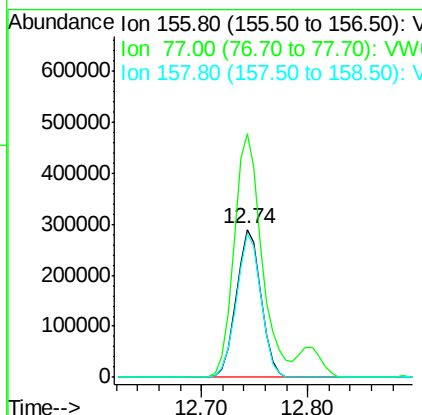
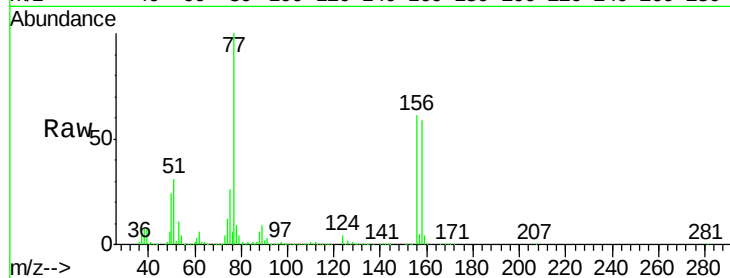
ClientSampleId :

ICVW010320

Tot Ion:	156	Resp:	471431
Ion Ratio	Lower	Upper	
156	100		
77	185.0	92.3	277.1
158	97.0	48.6	145.9

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#78

n-propylbenzene

Concen: 54.330 ug/l

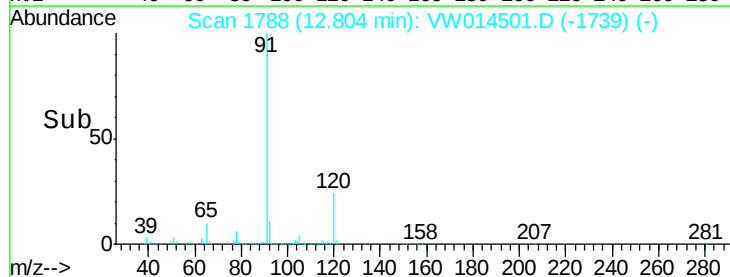
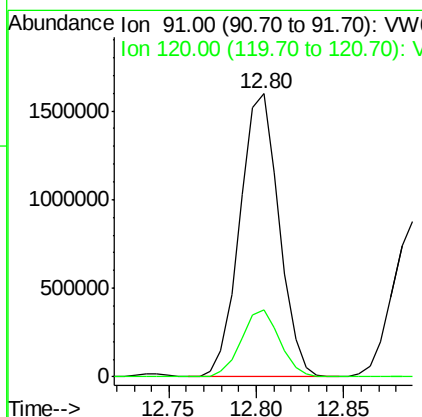
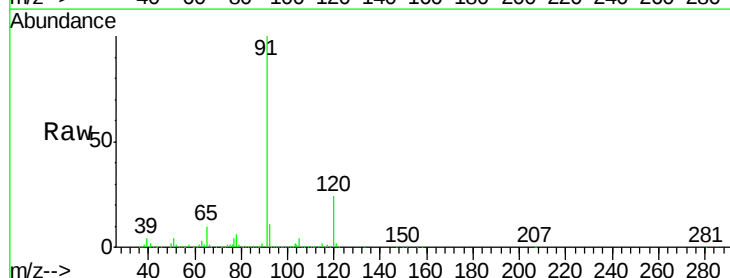
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Tgt Ion:	91	Resp:	2479579
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.1





#79

2-Chlorotoluene

Concen: 53.140 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

ClientSampled :

ICVW010320

Tot Ion: 91 Resp: 1380153

Ion Ratio Lower Upper

91 100

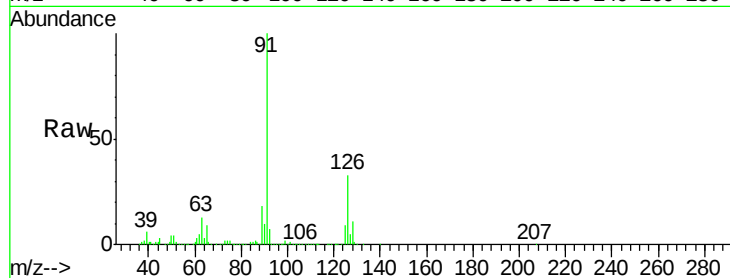
126 34.1 17.1 51.2

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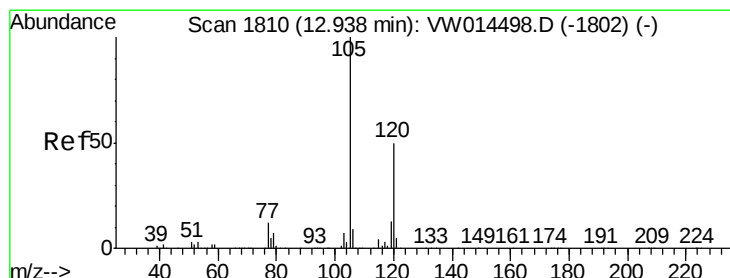
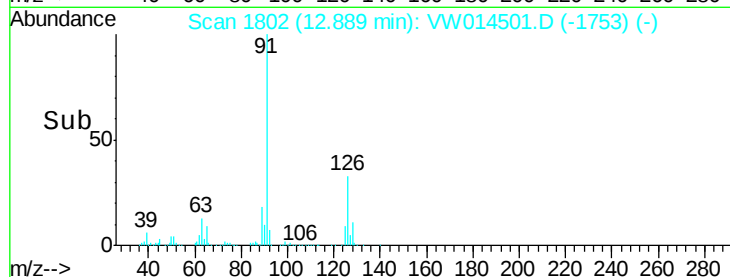
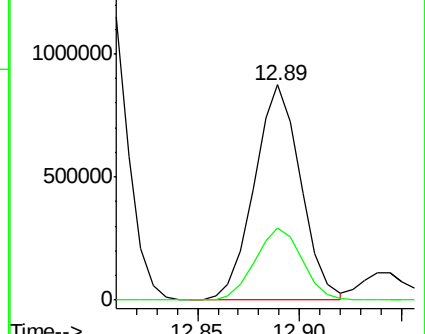
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.261 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW014501.D

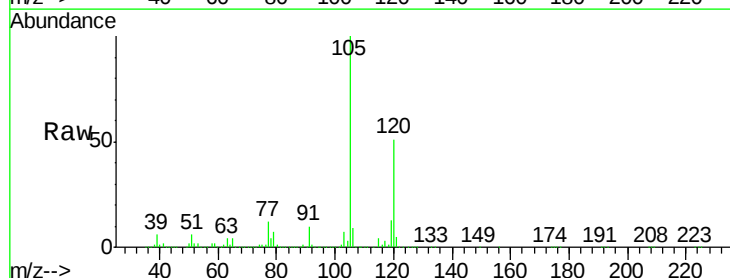
Acq: 03 Jan 2020 16:19

Tgt Ion:105 Resp: 1768275

Ion Ratio Lower Upper

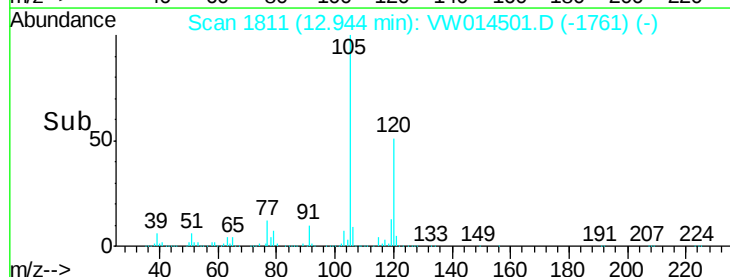
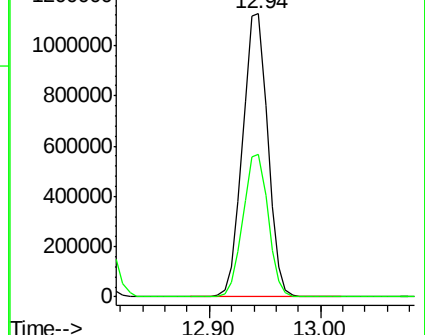
105 100

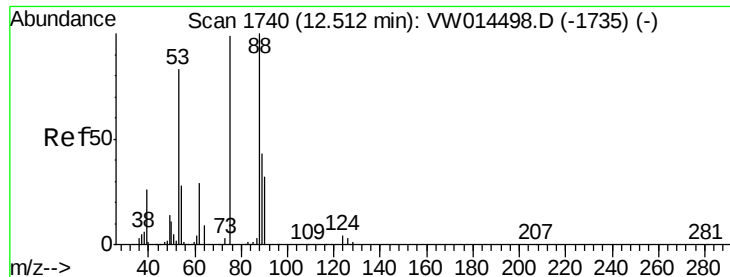
120 50.2 25.2 75.6



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: 52.934 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

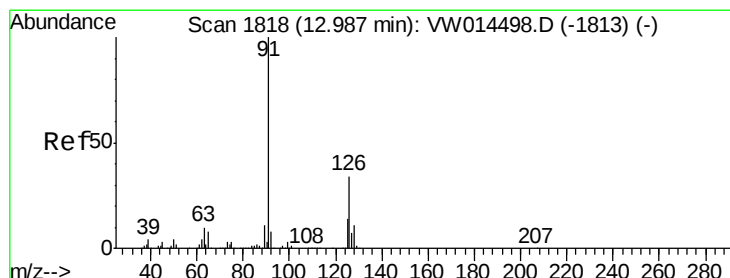
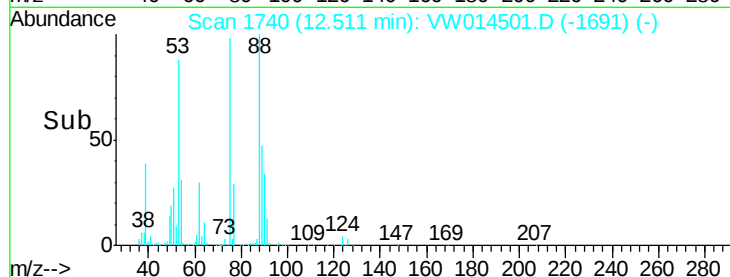
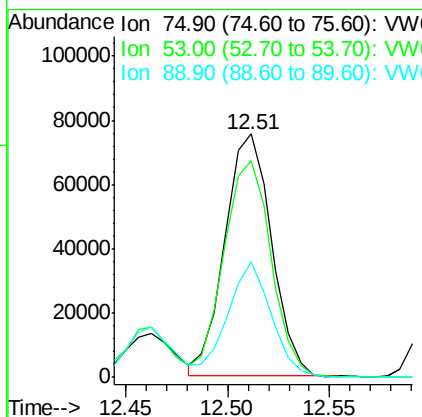
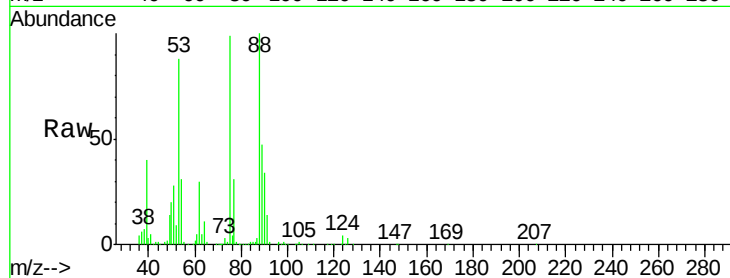
ClientSampleId :

ICVW010320

Tot Ion:	75	Resp:	118820
Ion	Ratio	Lower	Upper
75	100		
53	91.3	70.9	106.3
89	45.4	35.8	53.8

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#82

4-Chlorotoluene

Concen: 52.869 ug/l

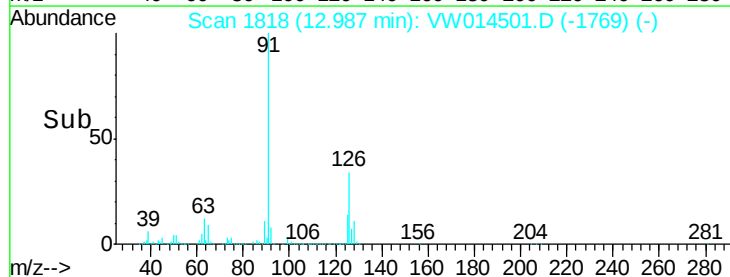
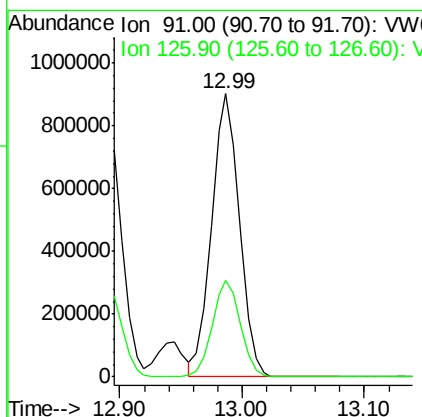
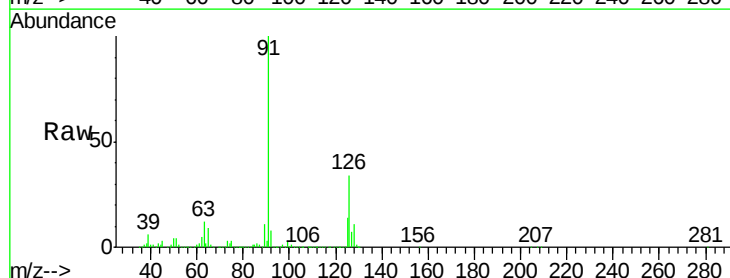
RT: 12.99 min Scan# 1818

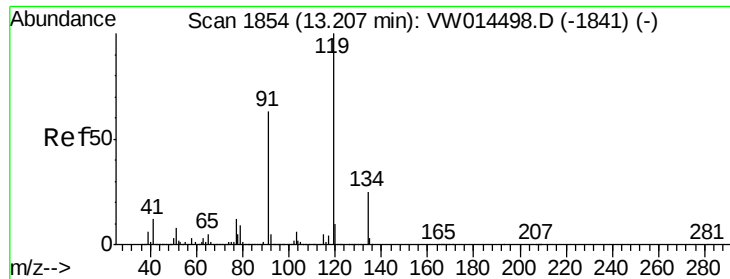
Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Tgt Ion:	91	Resp:	1426582
Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.1	51.2





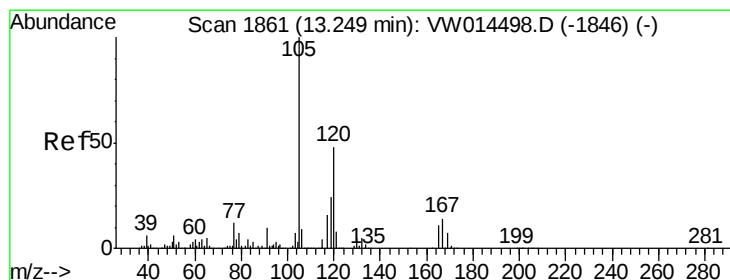
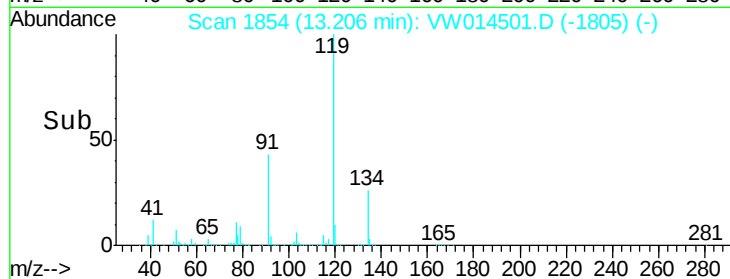
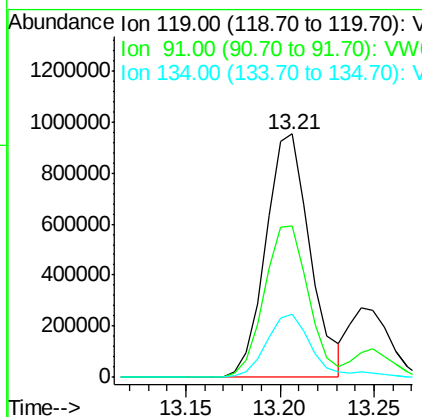
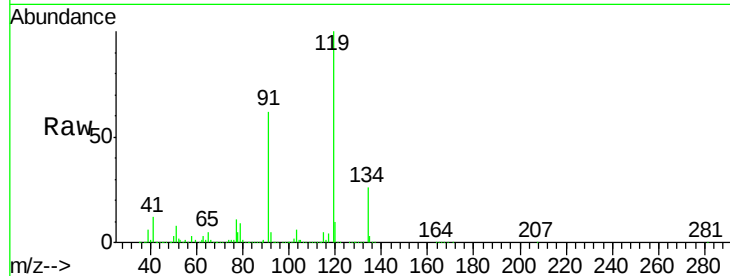
#83
tert-Butylbenzene
Concen: 54.549 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW010320

Tot Ion:119 Resp: 1556383
Ion Ratio Lower Upper
119 100
91 61.9 31.1 93.3
134 26.9 13.5 40.5

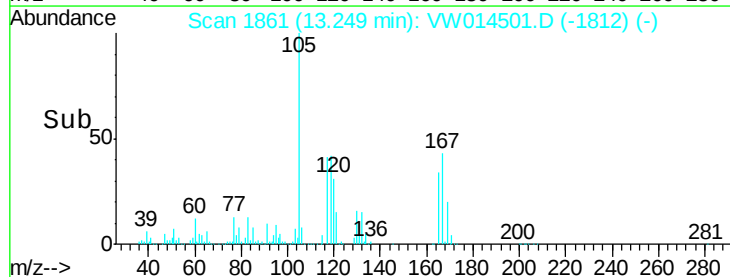
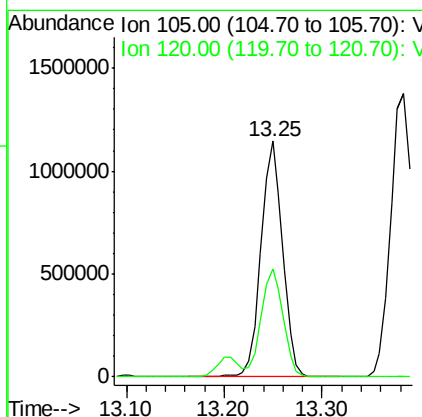
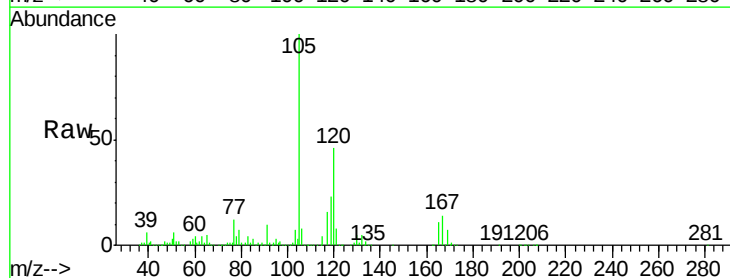
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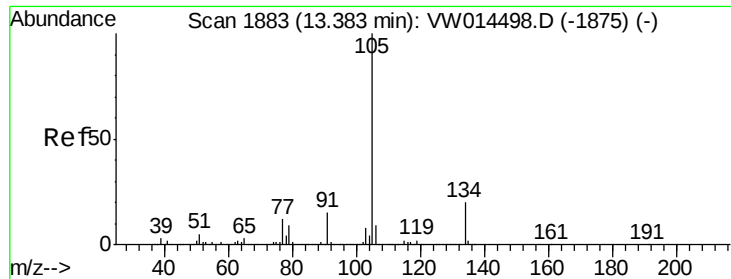
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#84
1,2,4-Trimethylbenzene
Concen: 53.920 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion:105 Resp: 1748602
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.0





#85

sec-Butylbenzene

Concen: 54.230 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Instrument :

MSVOA_W

ClientSampled :

ICVW010320

Tot Ion:105 Resp: 2141719

Ion Ratio Lower Upper

105 100

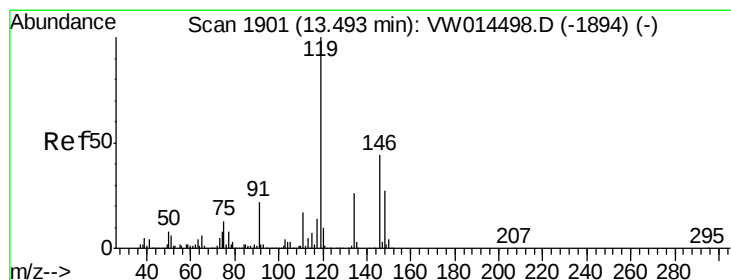
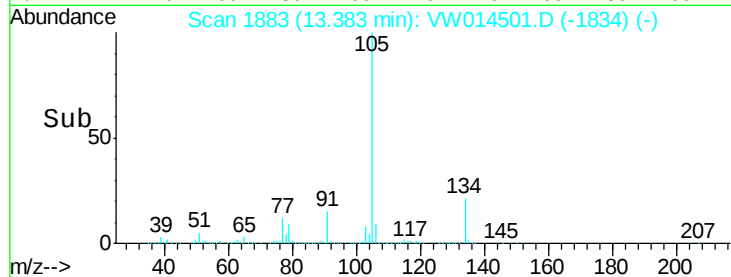
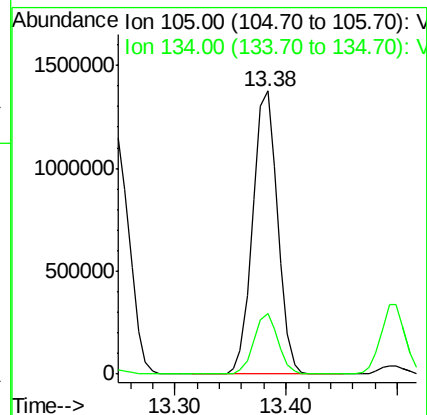
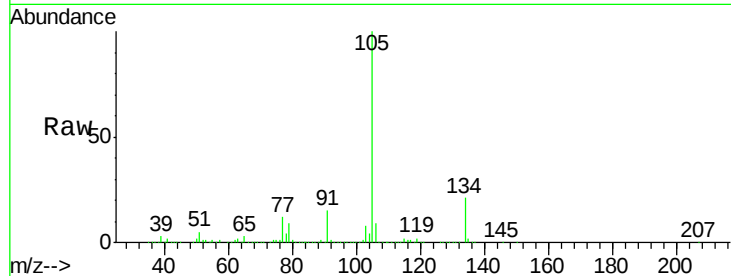
134 20.7 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 54.411 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

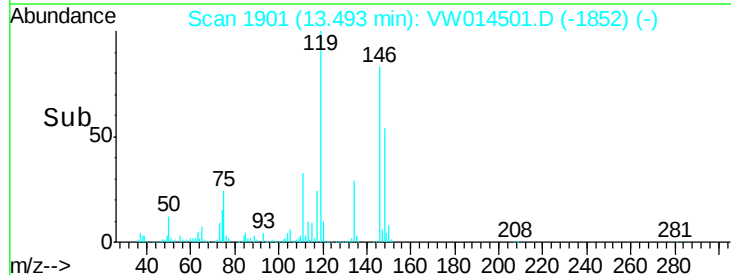
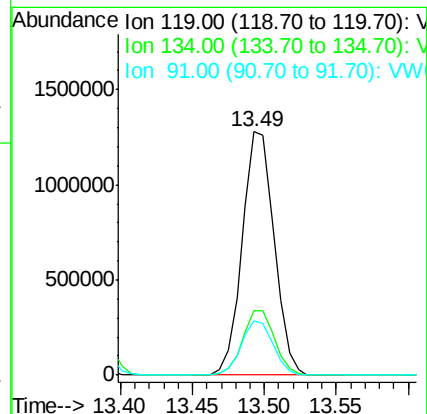
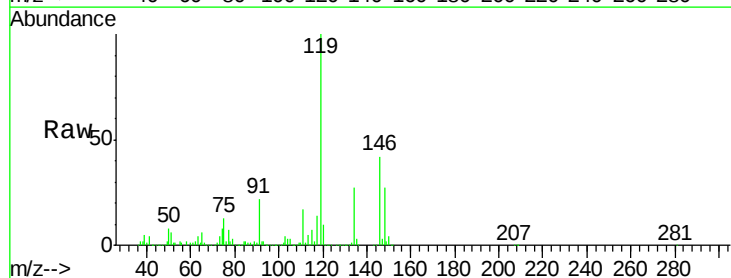
Tgt Ion:119 Resp: 1958662

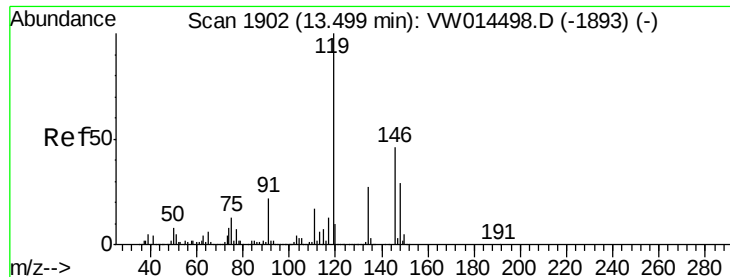
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 22.2 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 52.630 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW014501.D

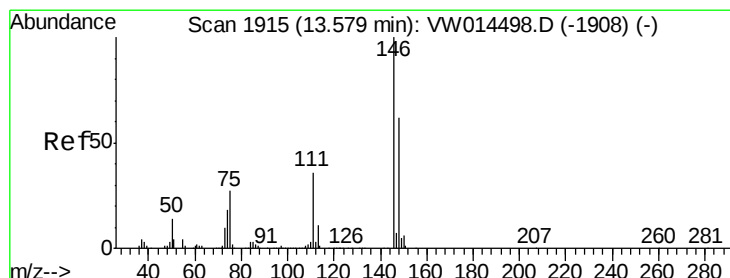
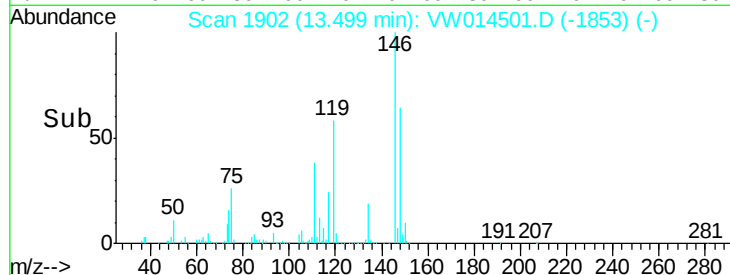
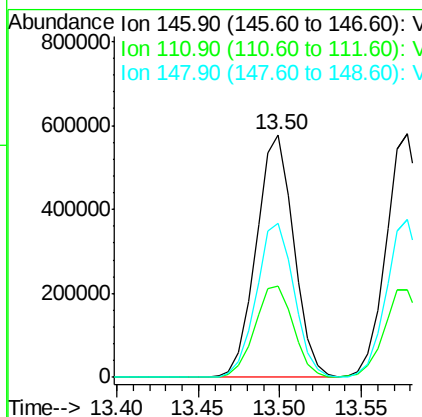
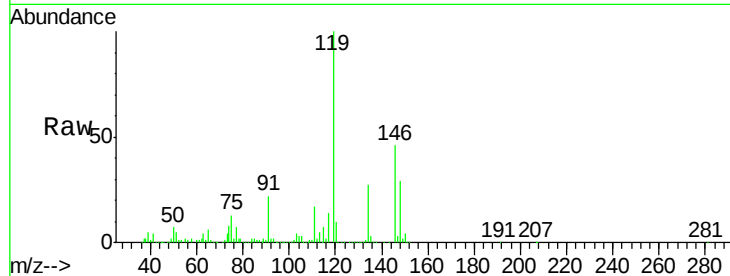
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW010320

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.3	57.9
148	64.3	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 53.053 ug/l

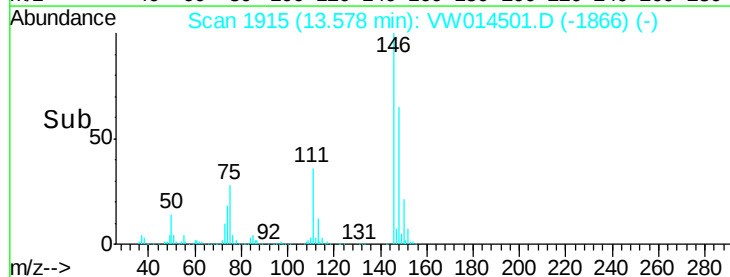
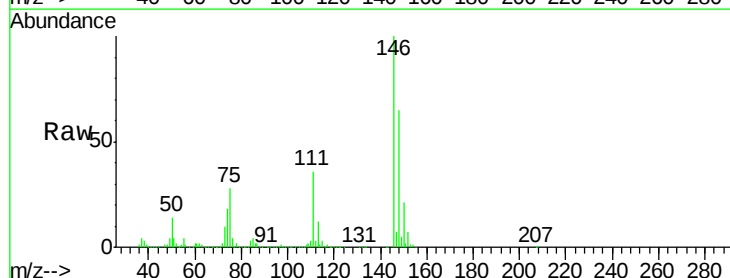
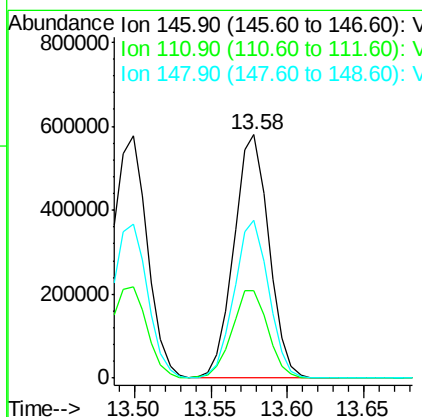
RT: 13.58 min Scan# 1915

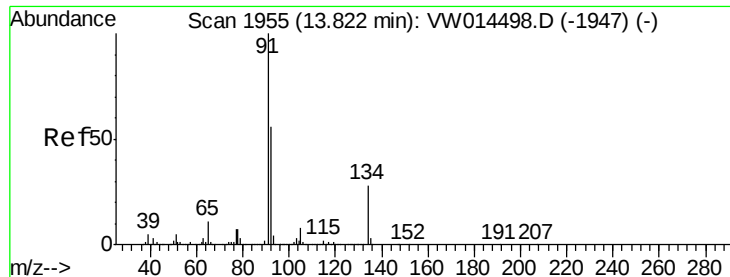
Delta R.T. -0.00 min

Lab File: VW014501.D

Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	64.1	31.7	95.1





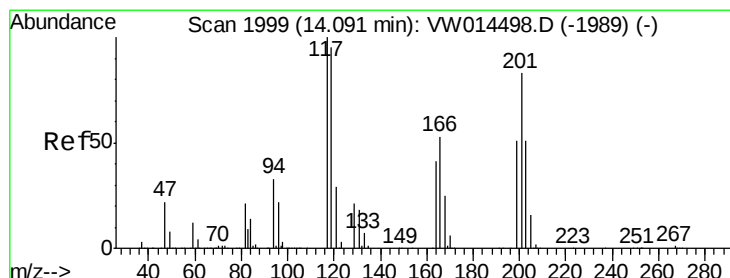
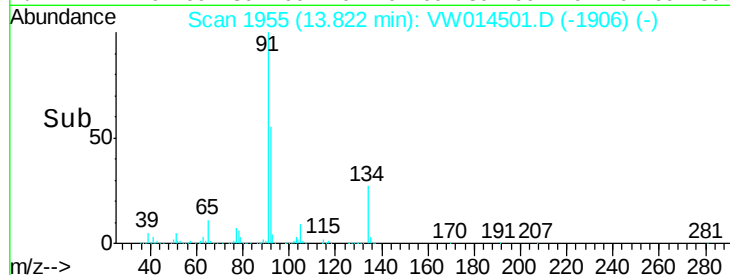
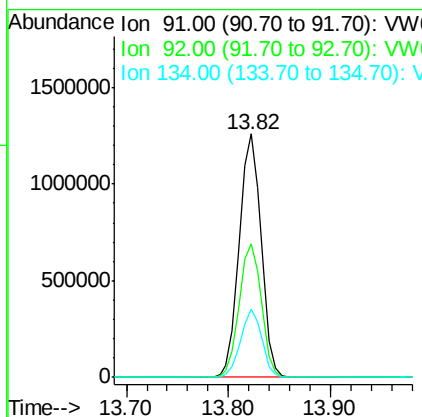
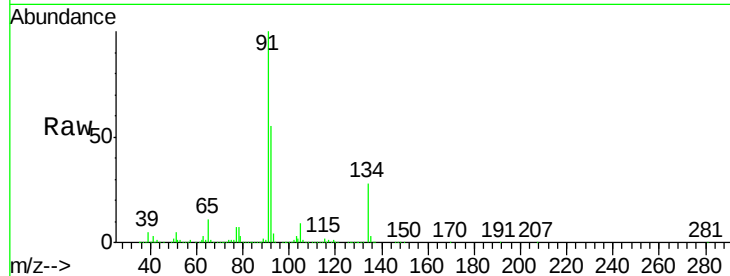
#89
n-Butylbenzene
Concen: 55.472 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampleId :
ICVW010320

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.5	82.5
134	27.1	13.7	41.1

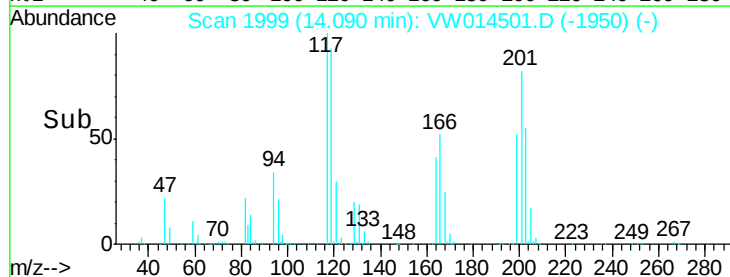
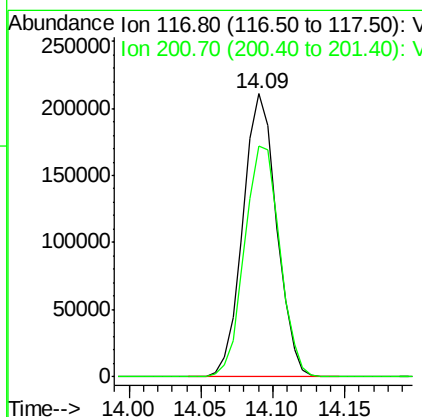
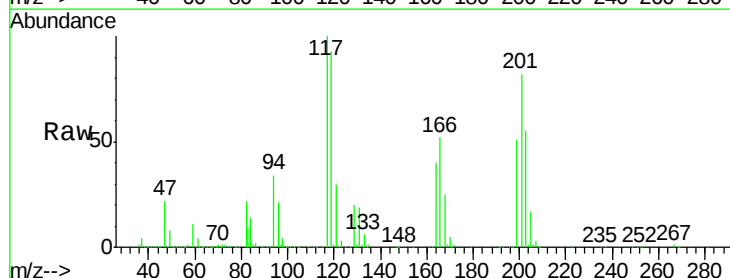
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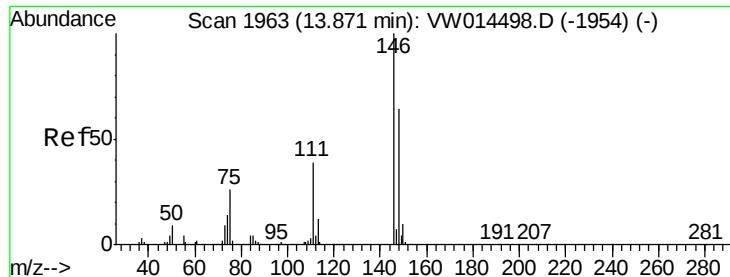
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#90
Hexachloroethane
Concen: 54.266 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.1	43.0	128.8





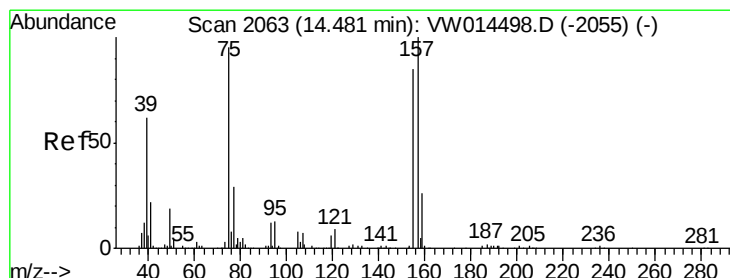
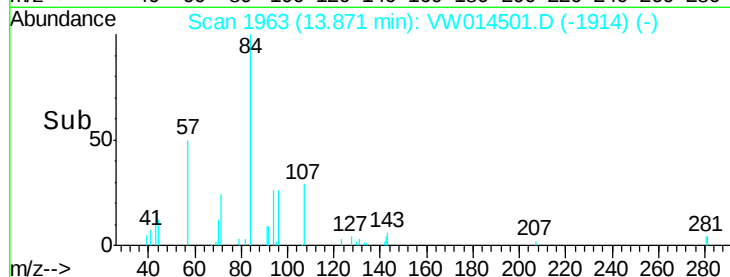
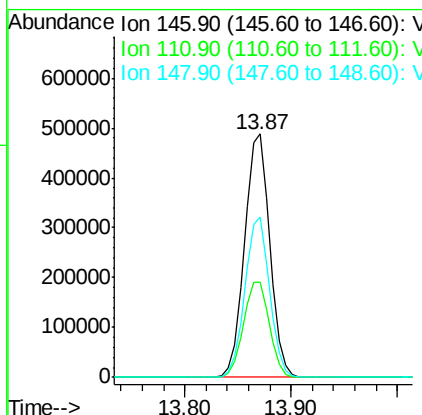
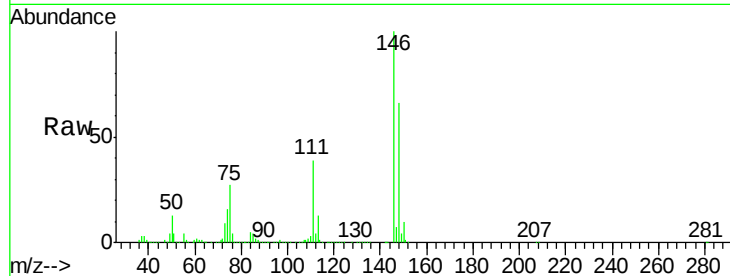
#91
 1,2-Dichlorobenzene
 Concen: 52.657 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010320

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.3
148	64.7	32.3	96.8

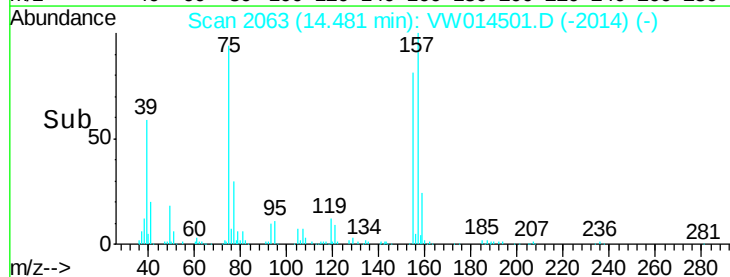
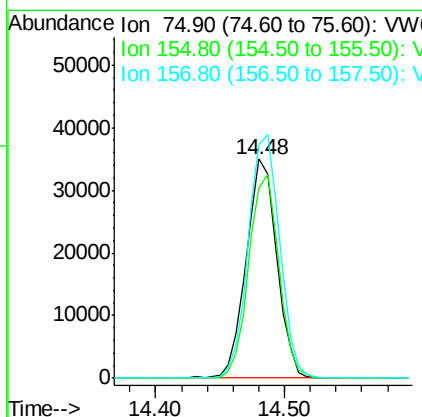
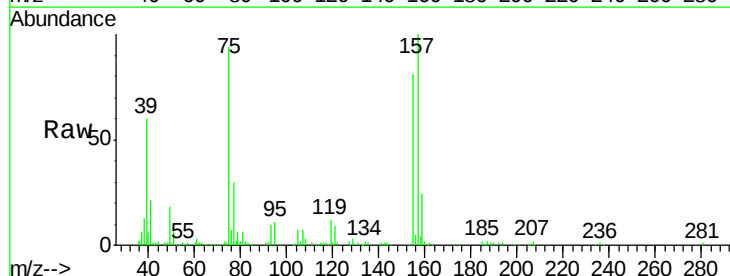
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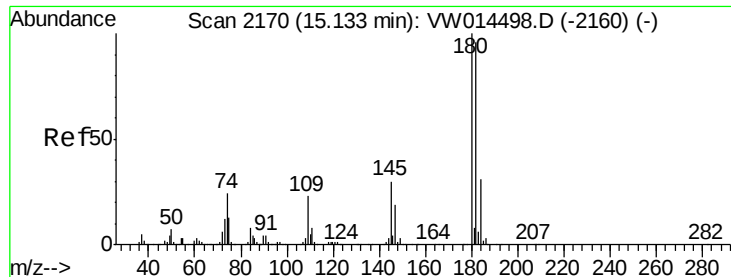
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 1/6/2020 10:43:27 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.609 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.0	45.8	137.4
157	114.0	58.1	174.2





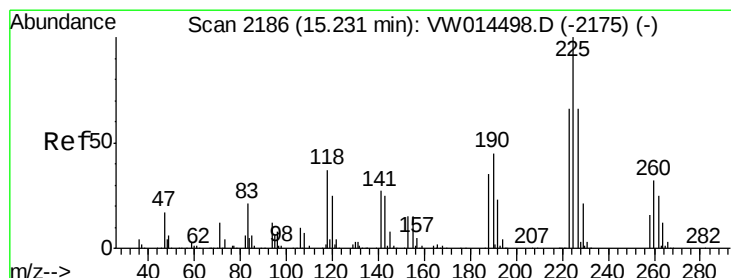
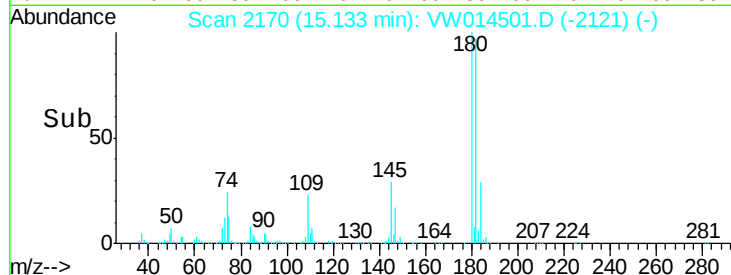
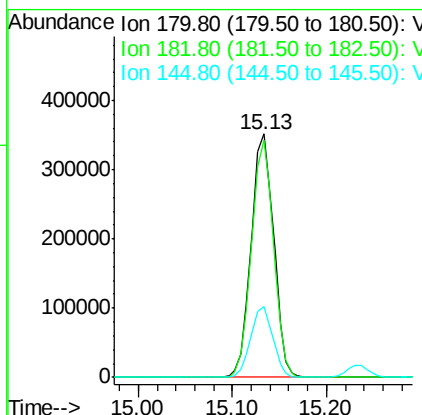
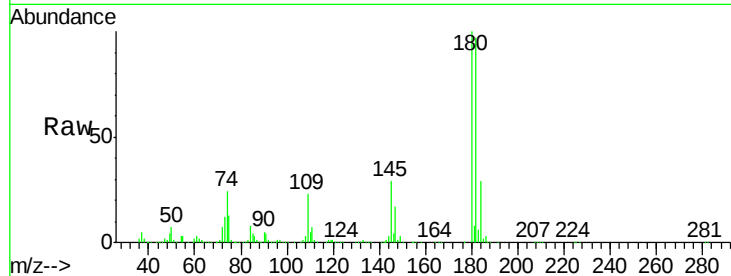
#93
 1,2,4-Trichlorobenzene
 Concen: 56.661 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010320

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.3	141.8	
145	28.7	14.7	44.1	

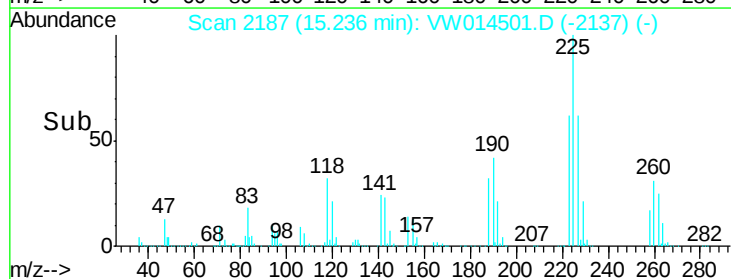
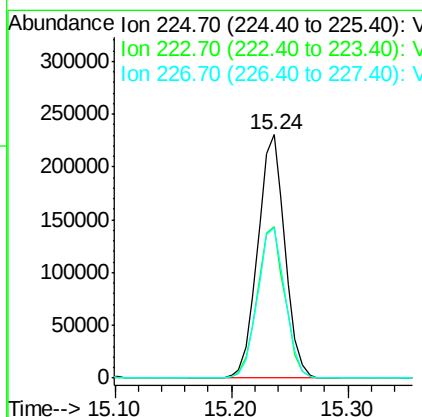
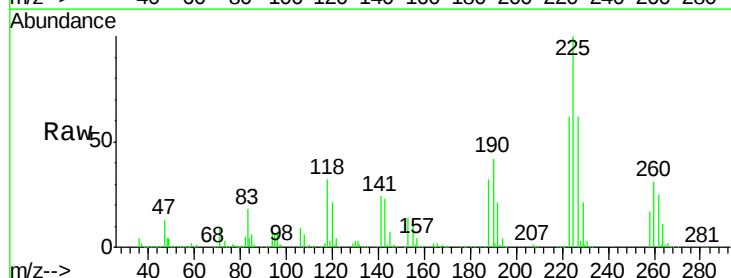
Manual Integrations
 APPROVED

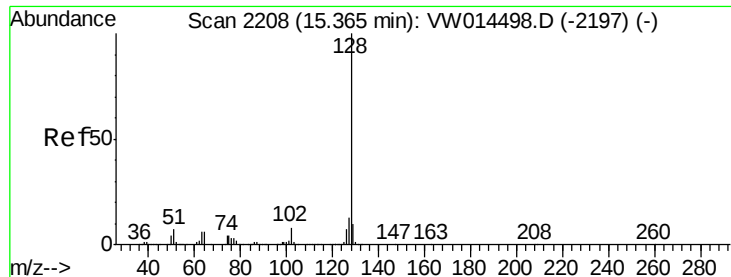
apatel
 1/6/2020 10:43:27 AM



#94
 Hexachlorobutadiene
 Concen: 53.604 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014501.D
 Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	32.4	97.2	
227	62.9	32.6	97.8	





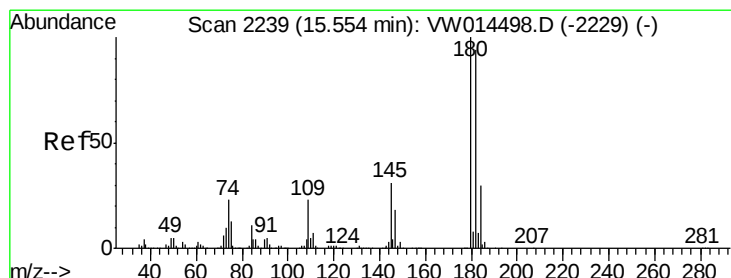
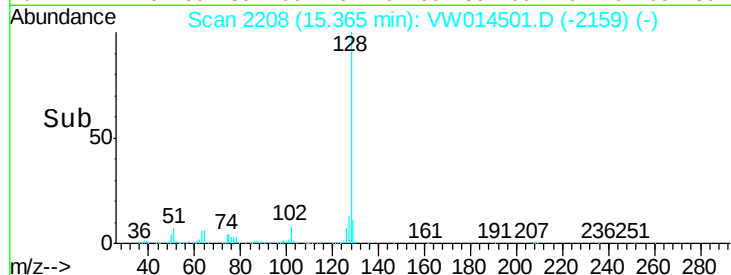
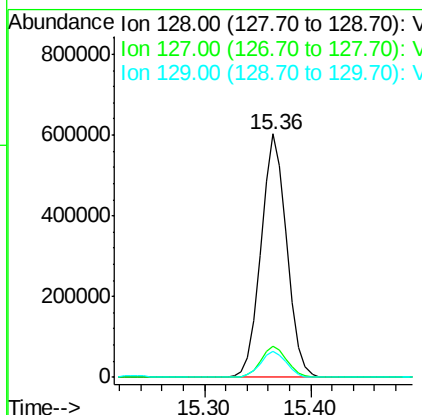
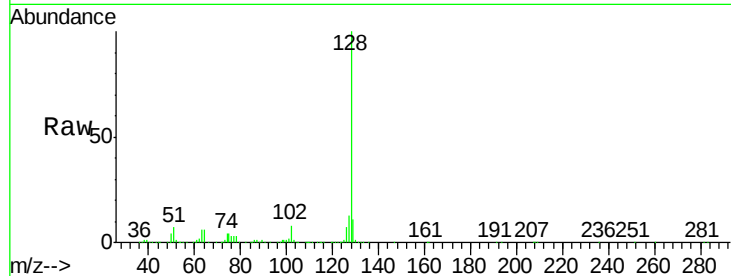
#95
Naphthalene
Concen: 57.331 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Instrument :
MSVOA_W
ClientSampled :
ICVW010320

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
1/6/2020 10:43:27 AM



#96
1,2,3-Trichlorobenzene
Concen: 56.013 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014501.D
Acq: 03 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.2
145	30.2	15.5	46.5

