

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014496.D
 Acq On : 03 Jan 2020 13:55
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
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 1/6/2020 10:43:11 AM

Quant Time: Jan 03 15:23:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 15:15:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	891413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1335596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1132940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	556472	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	79960	11.70	ug/l	0.00
Spiked Amount						
			Recovery	=	23.40%	
35) Dibromofluoromethane	7.88	113	77061	10.44	ug/l	0.00
Spiked Amount						
			Recovery	=	20.88%	
50) Toluene-d8	10.32	98	324694	10.79	ug/l	0.00
Spiked Amount						
			Recovery	=	21.58%	
62) 4-Bromofluorobenzene	12.62	95	104711	10.25	ug/l	0.00
Spiked Amount						
			Recovery	=	20.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	51932	10.760	ug/l	99
3) Chloromethane	2.21	50	69966	13.461	ug/l	93
4) Vinyl Chloride	2.36	62	97599	12.424	ug/l	95
5) Bromomethane	2.77	94	61423	11.980	ug/l	99
6) Chloroethane	2.92	64	53587	11.380	ug/l	100
7) Trichlorofluoromethane	3.25	101	46886	9.891	ug/l	98
8) Diethyl Ether	3.67	74	46894	11.789	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	90126	11.461	ug/l	100
10) Methyl Iodide	4.27	142	133746	10.579	ug/l	98
11) Tert butyl alcohol	5.16	59	35283	78.864	ug/l	97
12) 1,1-Dichloroethene	4.04	96	94065	11.554	ug/l	95
13) Acrolein	3.89	56	35335	70.152	ug/l	99
14) Allyl chloride	4.66	41	141529	11.292	ug/l	99
15) Acrylonitrile	5.37	53	103754	61.509	ug/l	98
16) Acetone	4.12	43	110736	71.495	ug/l	99
17) Carbon Disulfide	4.38	76	281019	11.928	ug/l	97
18) Methyl Acetate	4.66	43	53499	12.628	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	116083	11.709	ug/l	98
20) Methylene Chloride	4.92	84	116360	12.747	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	98904	11.325	ug/l	100
22) Diisopropyl ether	6.31	45	267478	11.664	ug/l	95
23) Vinyl Acetate	6.25	43	776891	57.266	ug/l	100
24) 1,1-Dichloroethane	6.21	63	168395	11.627	ug/l	98
25) 2-Butanone	7.17	43	142350	64.144	ug/l	96
26) 2,2-Dichloropropane	7.16	77	95462	11.493	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	103873	11.218	ug/l	97
28) Bromochloromethane	7.51	49	61284	12.613	ug/l	100
29) Tetrahydrofuran	7.52	42	89671	65.190	ug/l	98
30) Chloroform	7.67	83	157495	11.072	ug/l	98
31) Cyclohexane	7.95	56	181002	11.952	ug/l	# 96
32) 1,1,1-Trichloroethane	7.87	97	127413	11.373	ug/l	99
36) 1,1-Dichloropropene	8.08	75	136078	10.864	ug/l	99
37) Ethyl Acetate	7.25	43	60286	11.873	ug/l	99
38) Carbon Tetrachloride	8.06	117	117729	10.502	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	170170	10.569	ug/l	97
40) Benzene	8.32	78	383634	10.838	ug/l	97
41) Methacrylonitrile	7.48	41	29543	9.511	ug/l	97
42) 1,2-Dichloroethane	8.40	62	99598	11.074	ug/l	100
43) Isopropyl Acetate	8.42	43	107179	11.252	ug/l	99
44) Trichloroethene	9.09	130	102264	10.206	ug/l	89
45) 1,2-Dichloropropane	9.37	63	94553	11.130	ug/l	96
46) Dibromomethane	9.46	93	45667	10.957	ug/l	99
47) Bromodichloromethane	9.64	83	111923	10.526	ug/l	99
48) Methyl methacrylate	9.43	41	50658	10.770	ug/l	98
49) 1,4-Dioxane	9.45	88	17245	259.905	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	278178	57.816	ug/l	99
52) Toluene	10.38	92	239870	10.549	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	112178	10.348	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	140421	10.540	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	66601	10.735	ug/l	97
56) Ethyl methacrylate	10.64	69	80620	10.245	ug/l	98
57) 1,3-Dichloropropane	10.93	76	117511	11.035	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	107014	31.863	ug/l	100
59) 2-Hexanone	10.97	43	187878	56.744	ug/l	97
60) Dibromochloromethane	11.13	129	73161	10.063	ug/l	97
61) 1,2-Dibromoethane	11.23	107	62701	10.666	ug/l	99
64) Tetrachloroethene	10.86	164	88979	10.375	ug/l	96
65) Chlorobenzene	11.66	112	248665	10.685	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	81184	10.042	ug/l	99
67) Ethyl Benzene	11.73	91	445401	10.618	ug/l	99
68) m/p-Xylenes	11.84	106	342936	21.181	ug/l	100
69) o-Xylene	12.16	106	155115	10.422	ug/l	99
70) Styrene	12.18	104	261350	10.243	ug/l	100
71) Bromoform	12.35	173	43105	10.008	ug/l #	100
73) Isopropylbenzene	12.46	105	427948	10.692	ug/l	99
74) N-amyl acetate	12.27	43	89653	11.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	76209	11.598	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	47249m	10.897	ug/l	
77) Bromobenzene	12.74	156	100793	10.575	ug/l	98
78) n-propylbenzene	12.80	91	505891	10.898	ug/l	99
79) 2-Chlorotoluene	12.89	91	290709	11.131	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	362815	10.774	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	23405	10.639	ug/l	97
82) 4-Chlorotoluene	12.99	91	299356	10.956	ug/l	100
83) tert-Butylbenzene	13.21	119	313485	10.494	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	357697	10.749	ug/l	100
85) sec-Butylbenzene	13.38	105	436125	10.656	ug/l	100
86) p-Isopropyltoluene	13.50	119	394344	10.377	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	192200	10.426	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	193773	10.560	ug/l	97
89) n-Butylbenzene	13.82	91	359434	10.427	ug/l	100
90) Hexachloroethane	14.09	117	67784	10.272	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	171619	10.696	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	11753	11.647	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	107173	9.235	ug/l	98
94) Hexachlorobutadiene	15.23	225	77483	9.951	ug/l	98
95) Naphthalene	15.36	128	168839	9.039	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	93748	9.342	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 891413

Ion Ratio Lower Upper

168 100

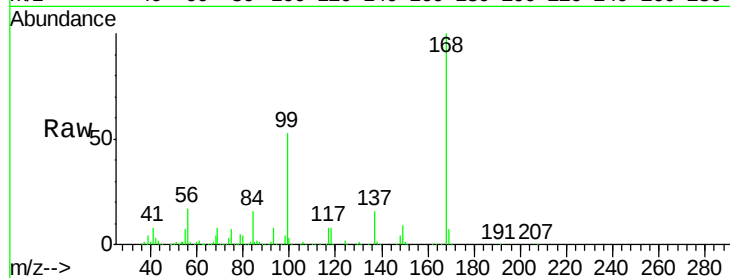
99 52.5 41.1 61.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

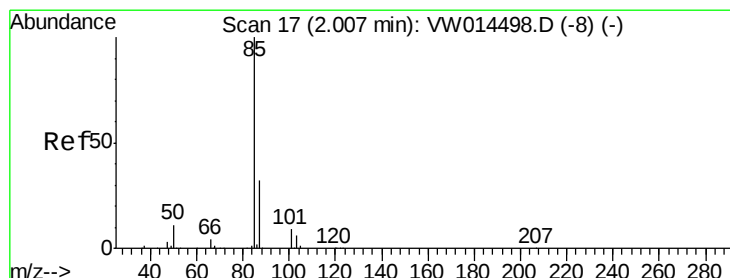
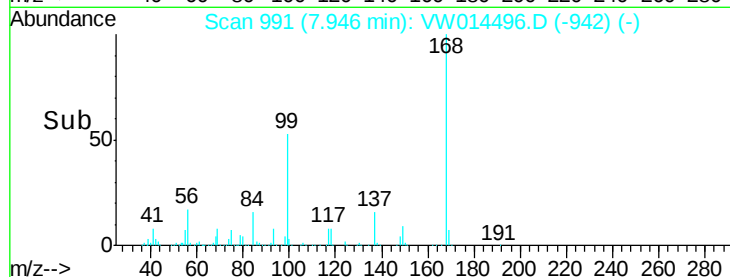
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 10.760 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014496.D

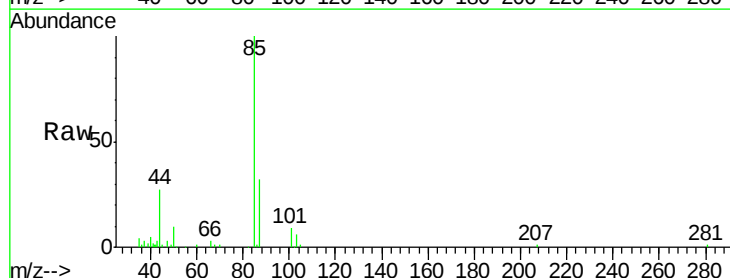
Acq: 03 Jan 2020 13:55

Tgt Ion: 85 Resp: 51932

Ion Ratio Lower Upper

85 100

87 31.8 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

20000

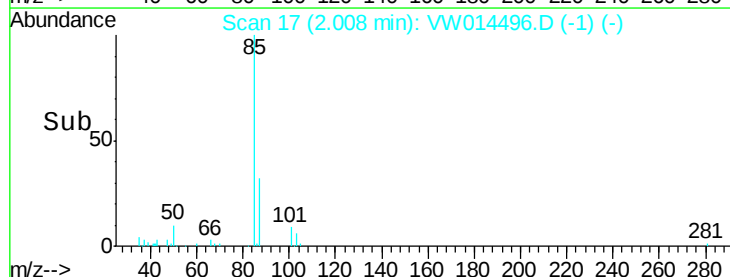
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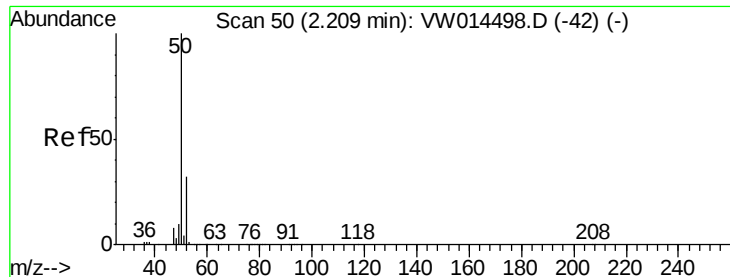
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 13.461 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 50 Resp: 69966

Ion Ratio Lower Upper

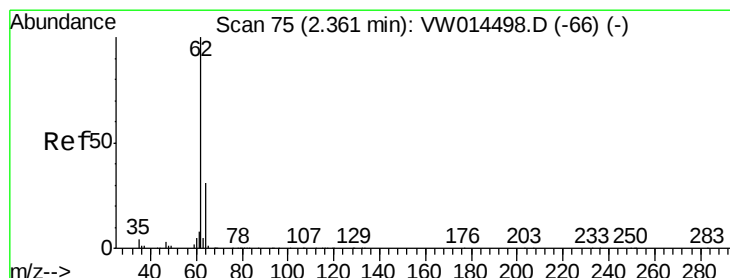
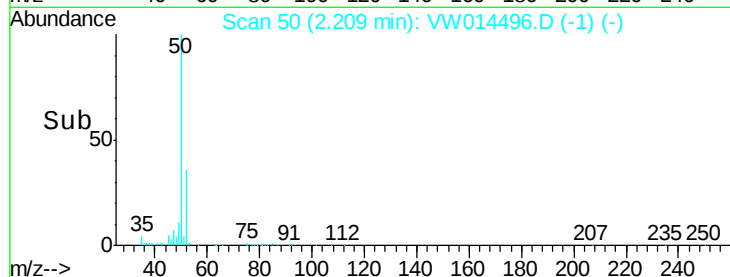
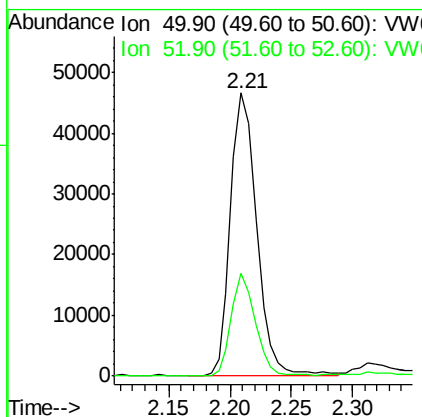
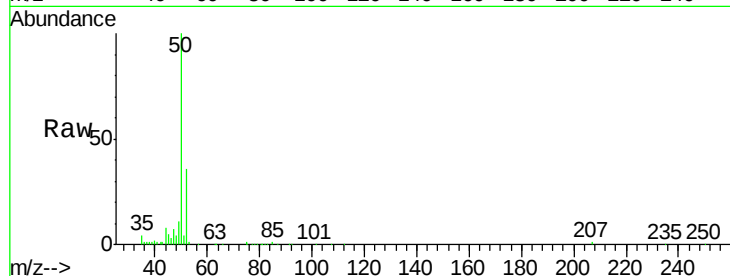
50 100

52 36.3 25.8 38.8

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#4

Vinyl Chloride

Concen: 12.424 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014496.D

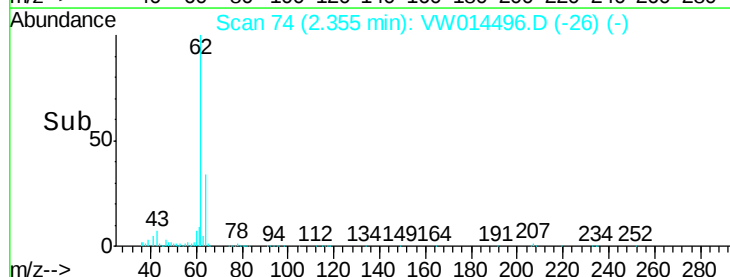
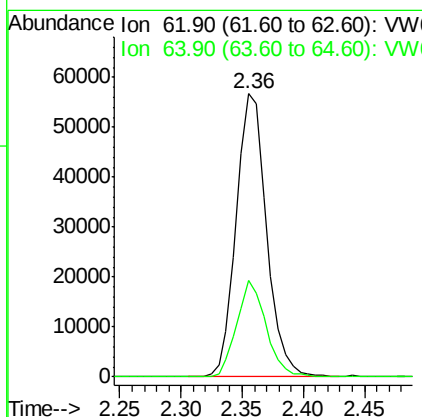
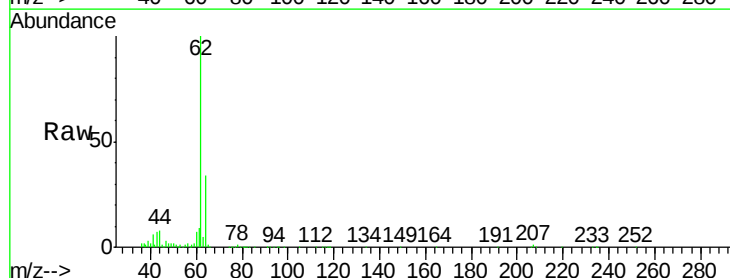
Acq: 03 Jan 2020 13:55

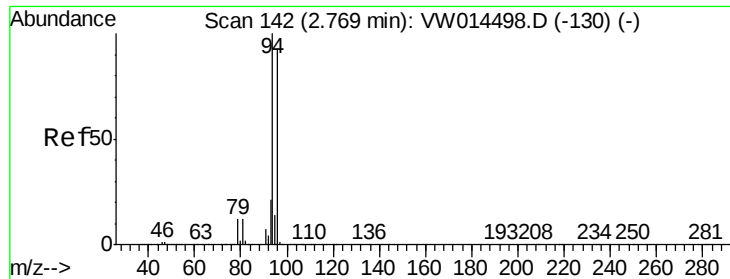
Tgt Ion: 62 Resp: 97599

Ion Ratio Lower Upper

62 100

64 34.1 25.0 37.4





#5

Bromomethane

Concen: 11.980 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 61423

Ion Ratio Lower Upper

94 100

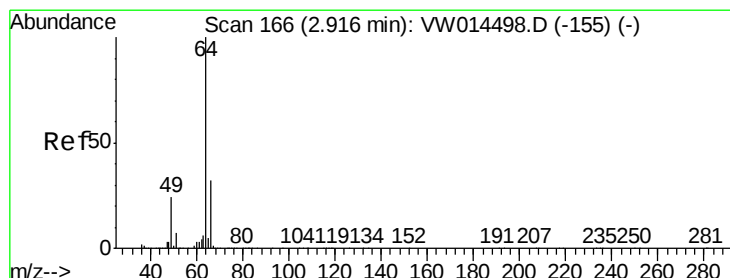
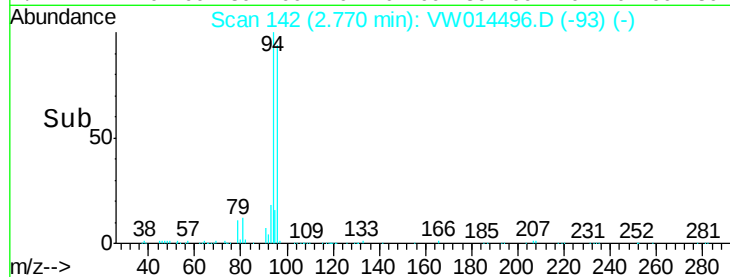
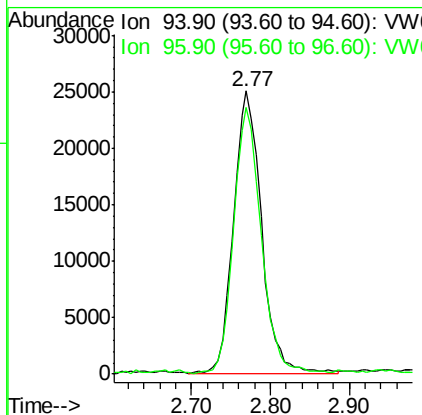
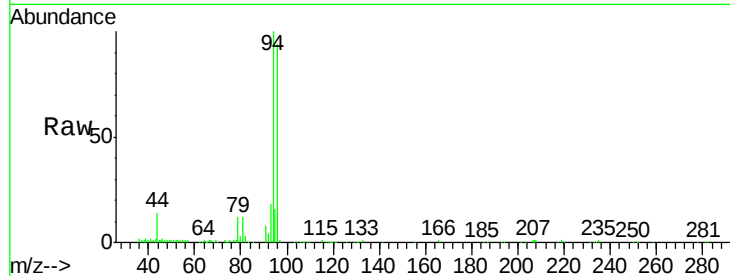
96 93.6 74.2 111.2

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#6

Chloroethane

Concen: 11.380 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW014496.D

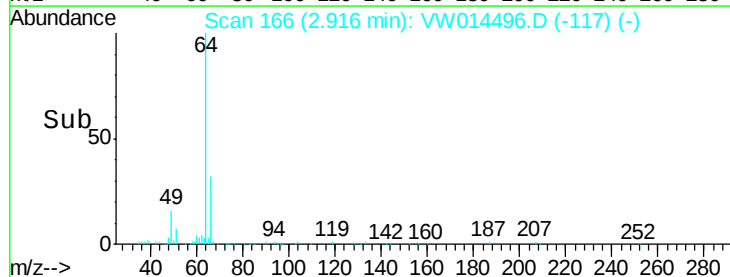
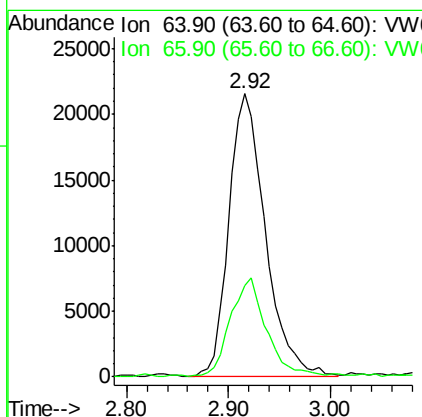
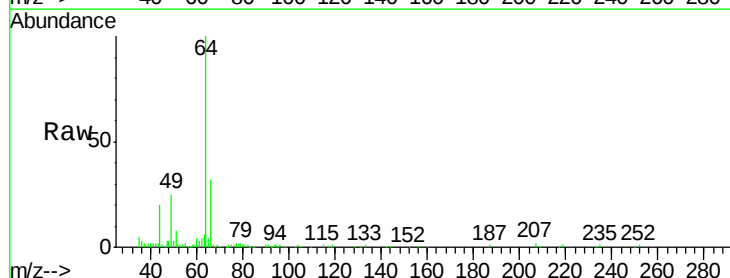
Acq: 03 Jan 2020 13:55

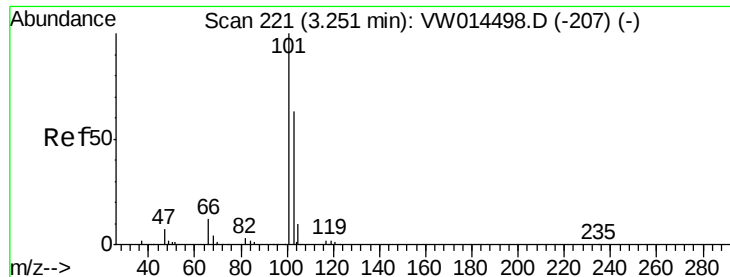
Tgt Ion: 64 Resp: 53587

Ion Ratio Lower Upper

64 100

66 32.2 25.7 38.5





#7

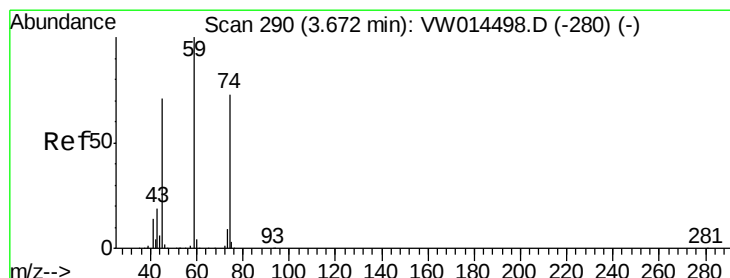
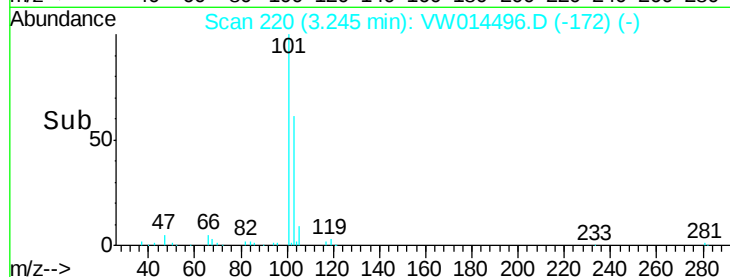
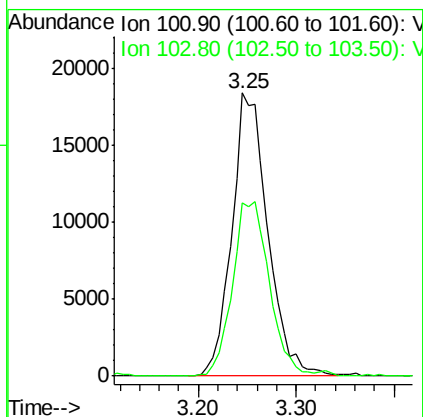
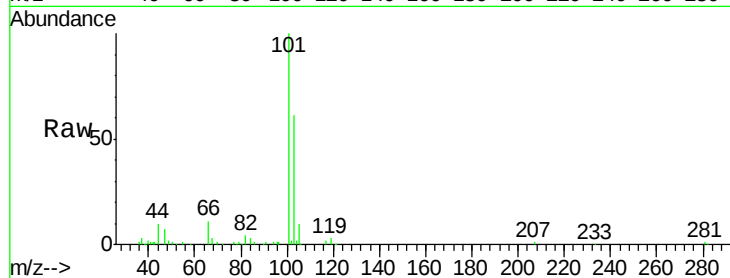
Trichlorofluoromethane
 Concen: 9.891 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

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 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.3	50.1	75.1

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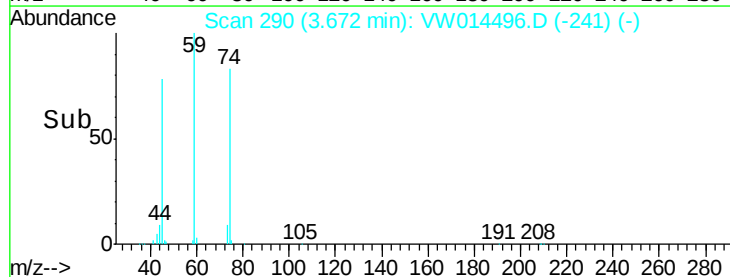
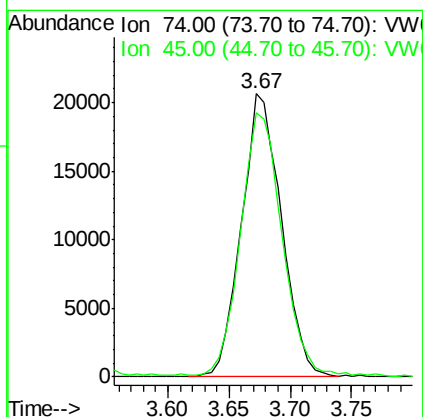
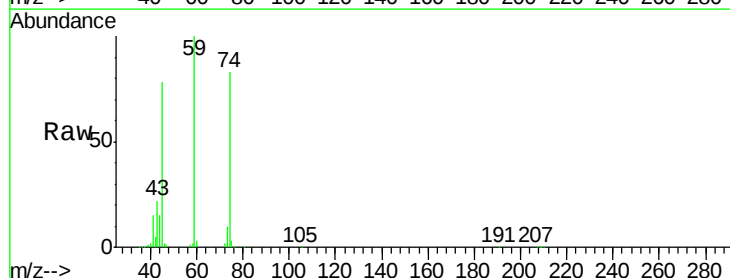
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#8

Diethyl Ether
 Concen: 11.789 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.461 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

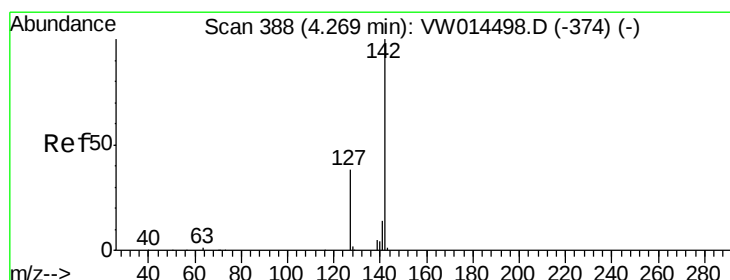
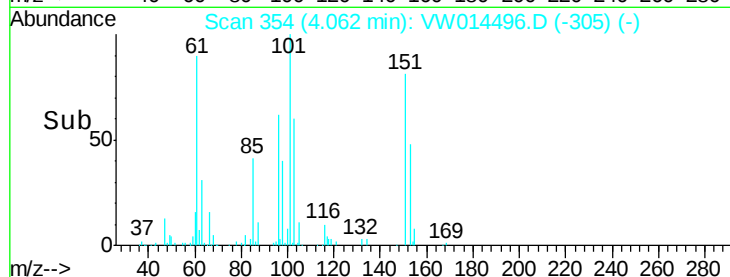
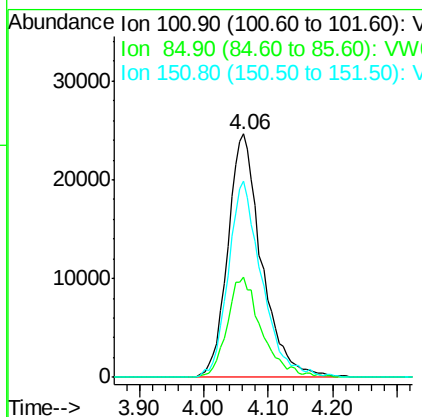
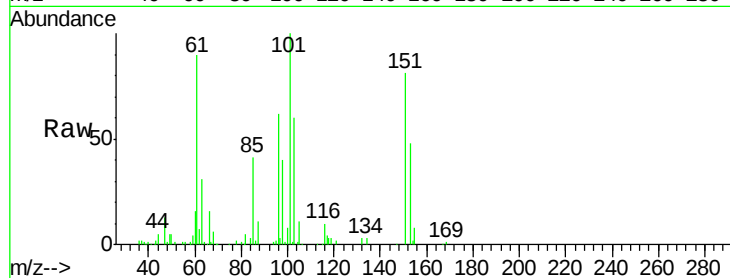
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	90126
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.7	50.5
151	79.9	63.5	95.3

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#10

Methyl Iodide

Concen: 10.579 ug/l

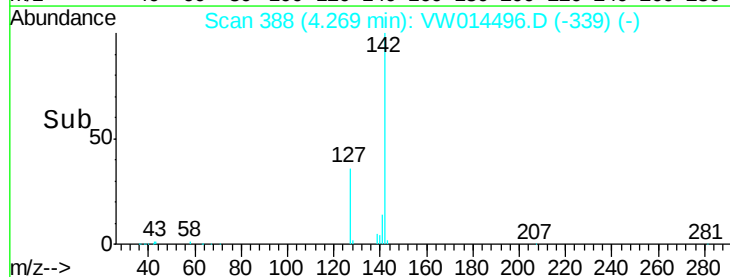
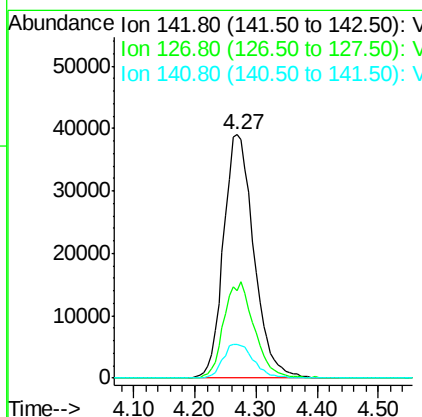
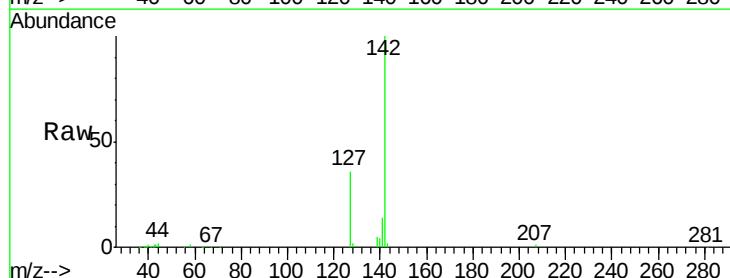
RT: 4.27 min Scan# 388

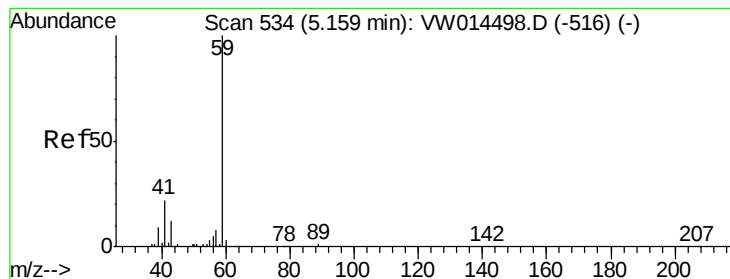
Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Tgt Ion:	142	Resp:	133746
Ion Ratio	Lower	Upper	
142	100		
127	39.6	30.2	45.4
141	14.2	11.4	17.2





#11

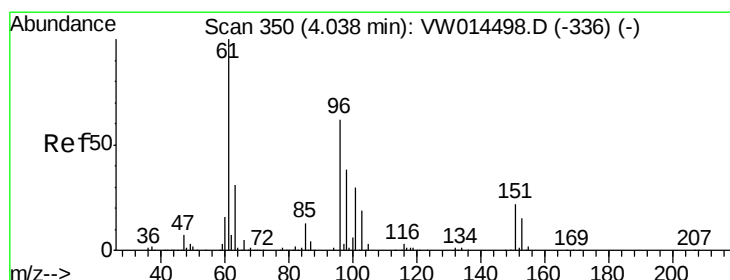
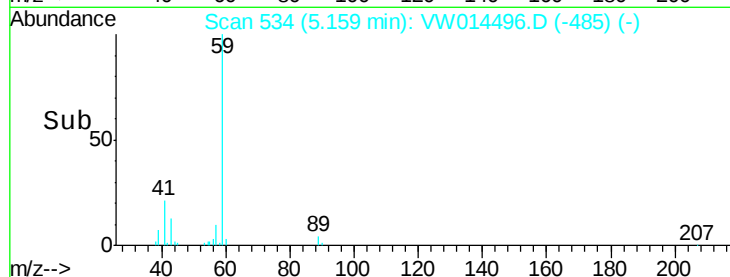
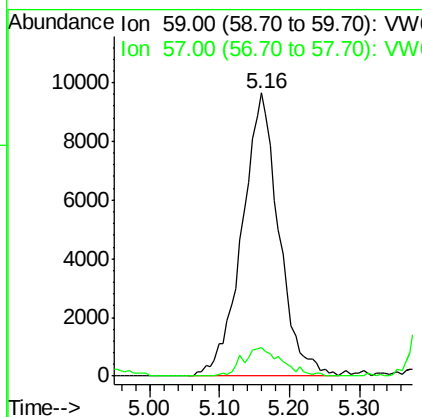
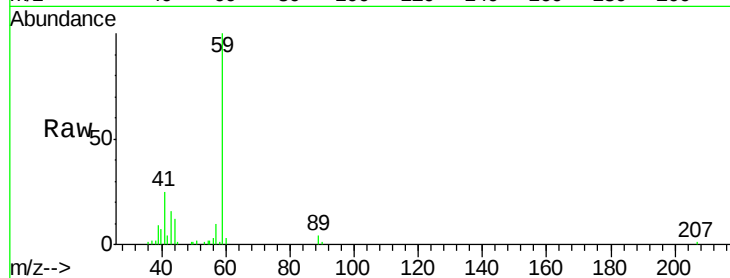
Tert butyl alcohol
Concen: 78.864 ug/l
RT: 5.16 min Scan# 534
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	59	Resp	35283
Ion Ratio	100	Lower	Upper
57	10.8	7.8	11.8

Manual Integrations
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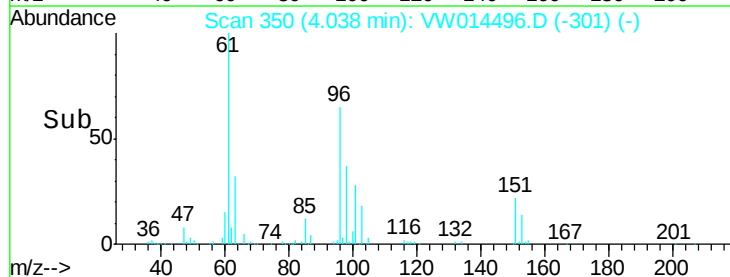
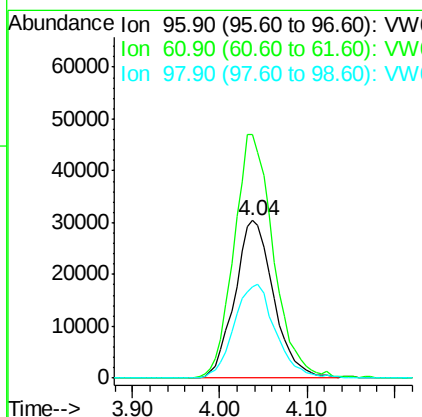
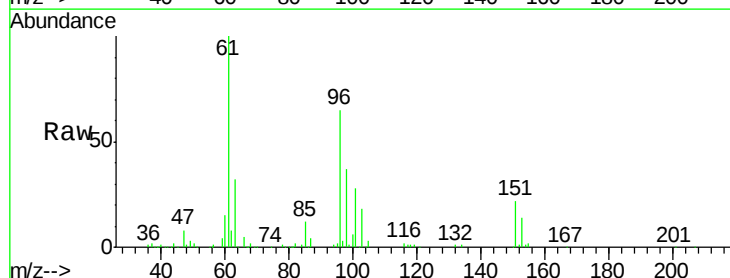
apatel
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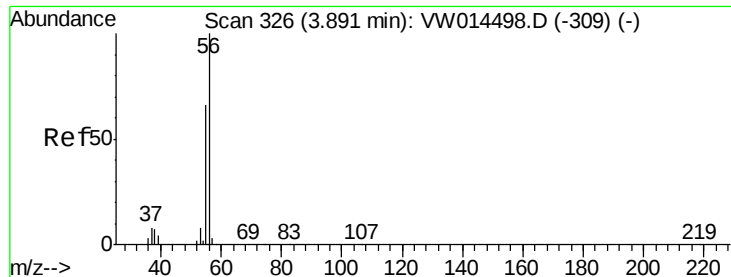


#12

1,1-Dichloroethene
Concen: 11.554 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tgt Ion	96	Resp	94065
Ion Ratio	100	Lower	Upper
61	154.2	128.4	192.6
98	57.5	49.1	73.7





#13

Acrolein

Concen: 70.152 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 56 Resp: 35335

Ion Ratio Lower Upper

56 100

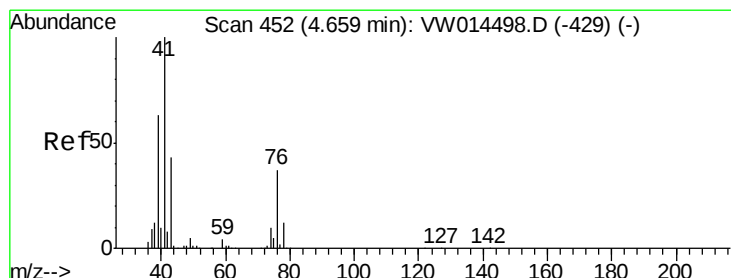
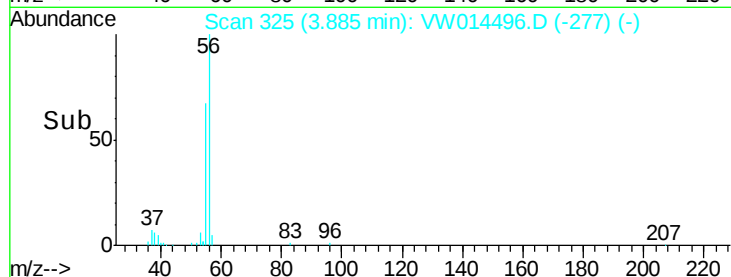
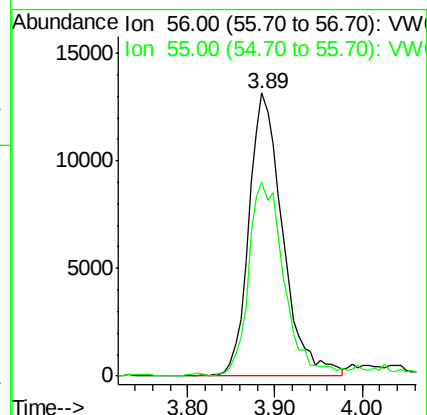
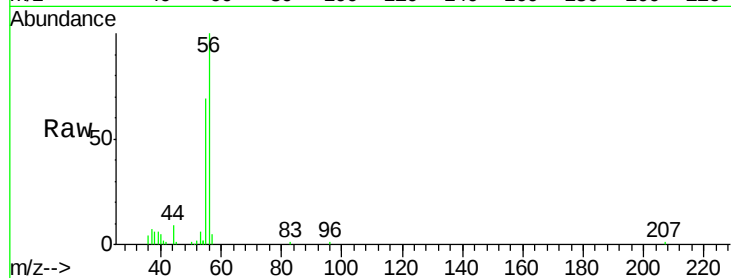
55 72.1 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 11.292 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

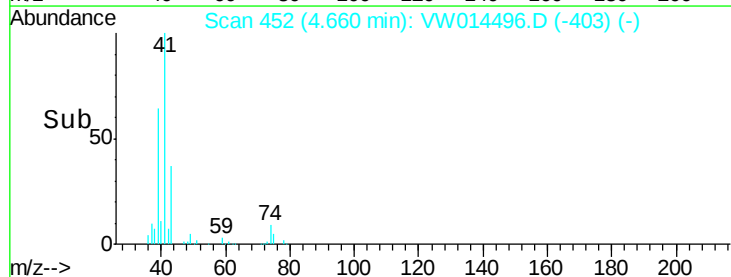
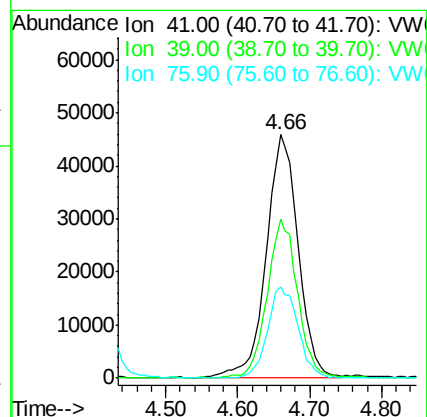
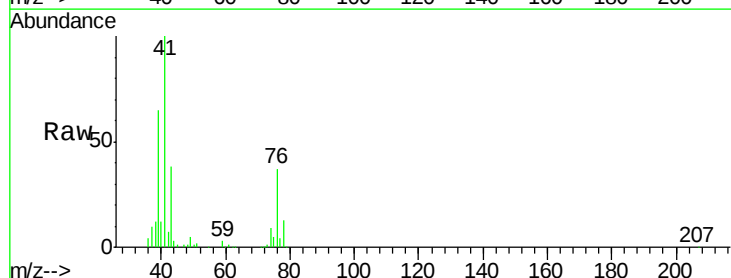
Tgt Ion: 41 Resp: 141529

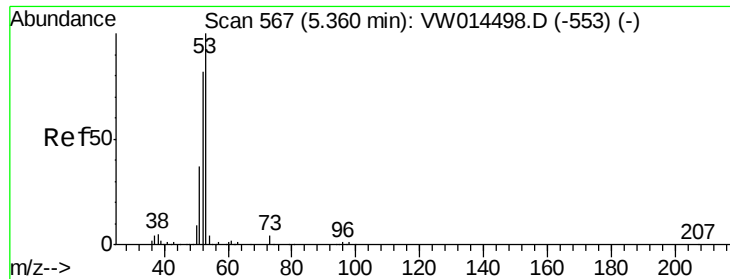
Ion Ratio Lower Upper

41 100

39 61.2 48.5 72.7

76 35.8 28.1 42.1





#15

Acrylonitrile

Concen: 61.509 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

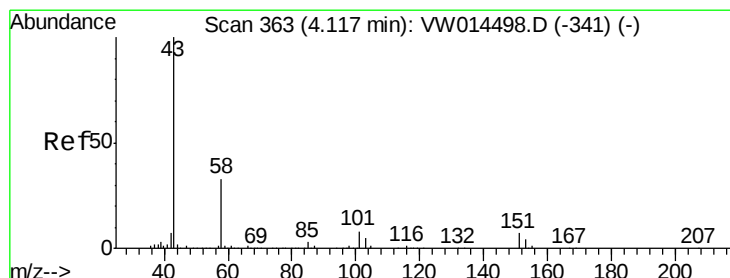
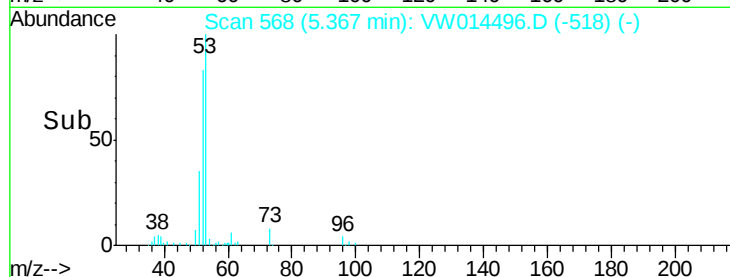
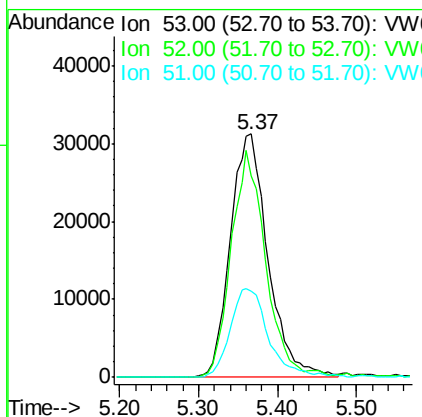
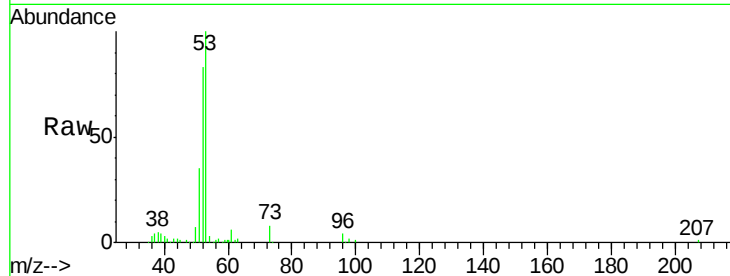
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	103754
Ion	Ratio	Lower	Upper
53	100		
52	85.4	66.5	99.7
51	36.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 71.495 ug/l

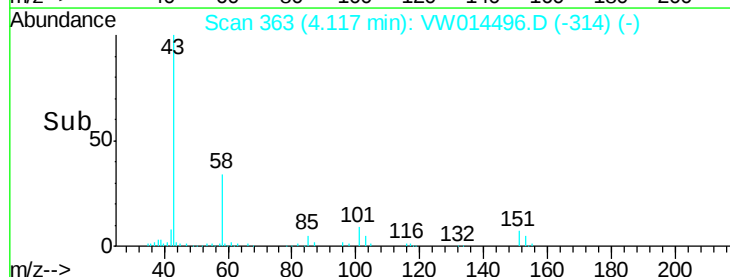
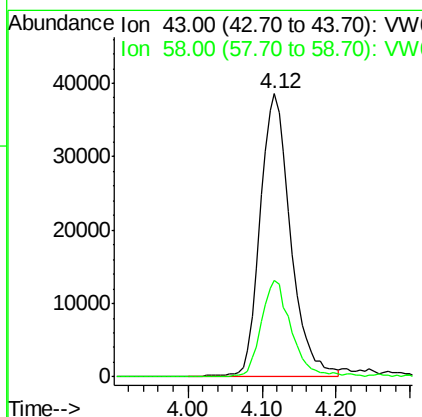
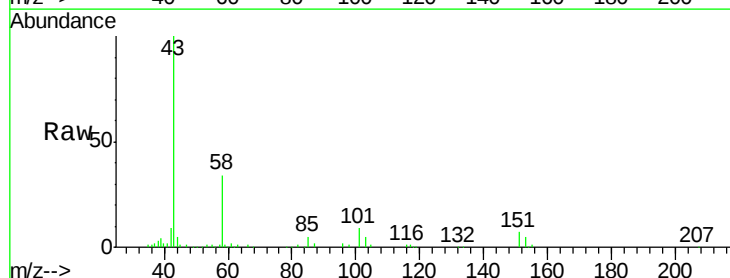
RT: 4.12 min Scan# 363

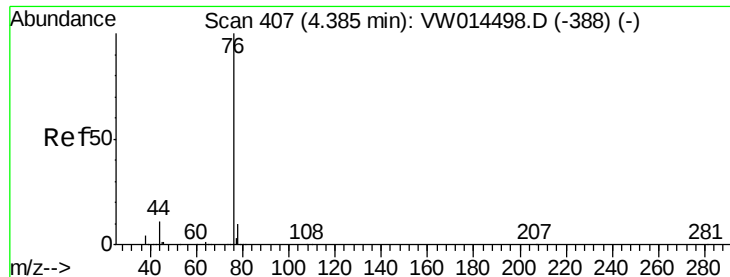
Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Tgt Ion:	43	Resp:	110736
Ion	Ratio	Lower	Upper
43	100		
58	34.0	26.6	39.8





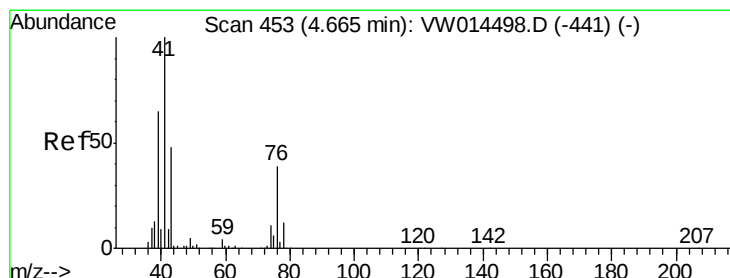
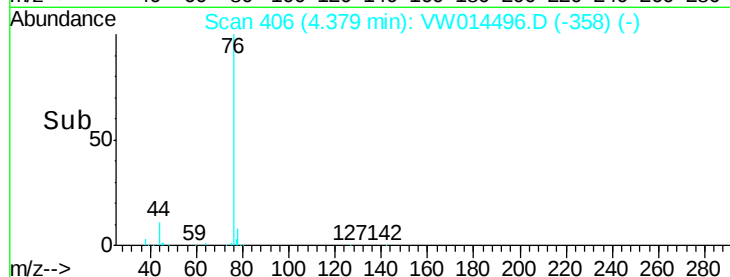
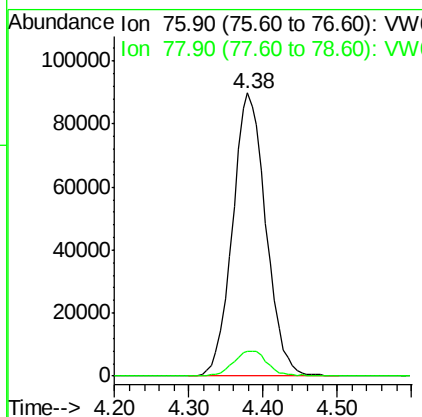
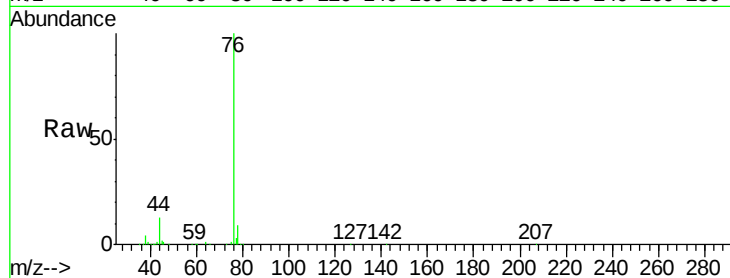
#17
Carbon Disulfide
Concen: 11.928 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.8	11.6

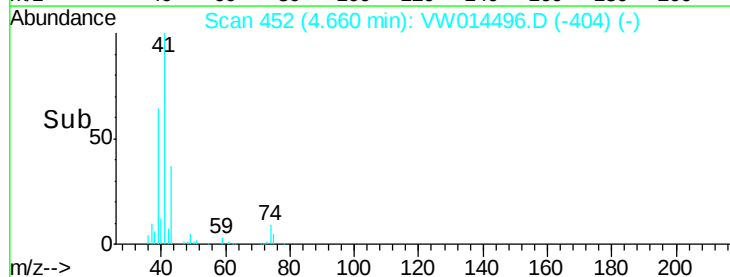
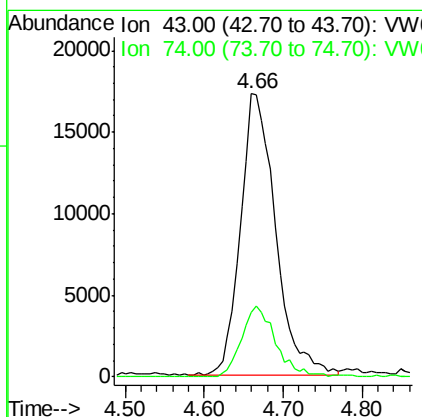
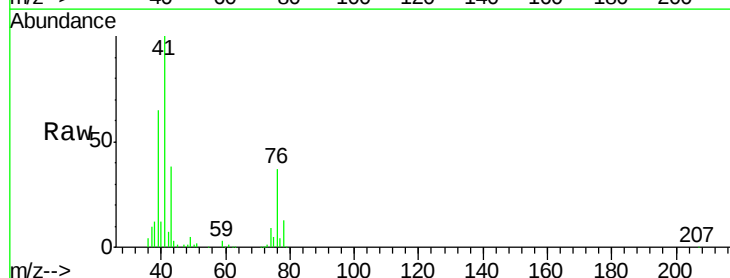
Manual Integrations
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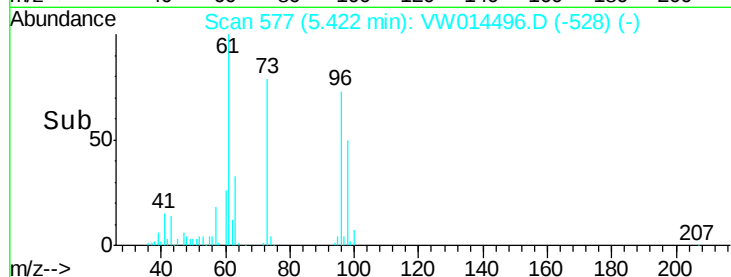
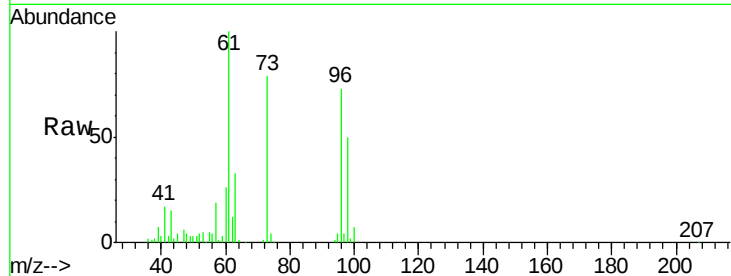
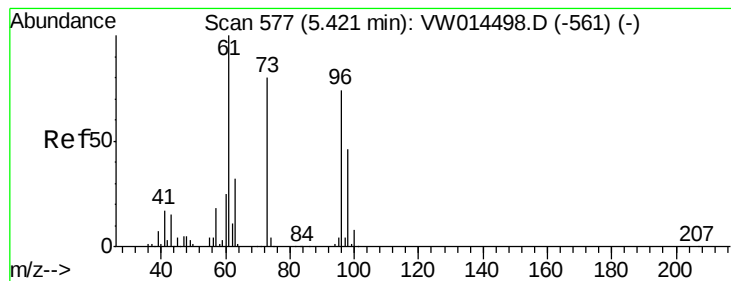
apatel
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#18
Methyl Acetate
Concen: 12.628 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.3	28.9





#19

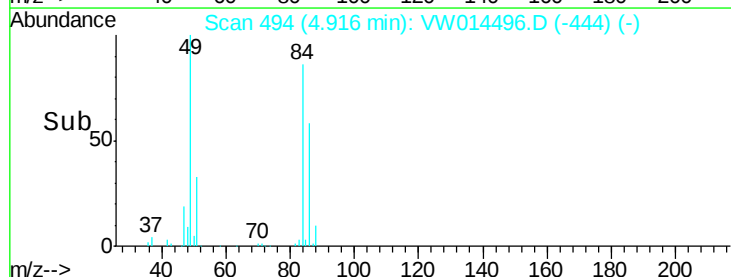
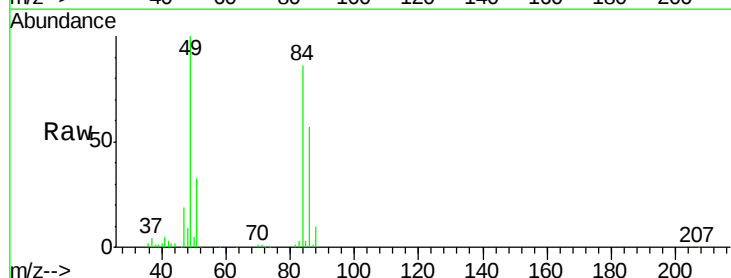
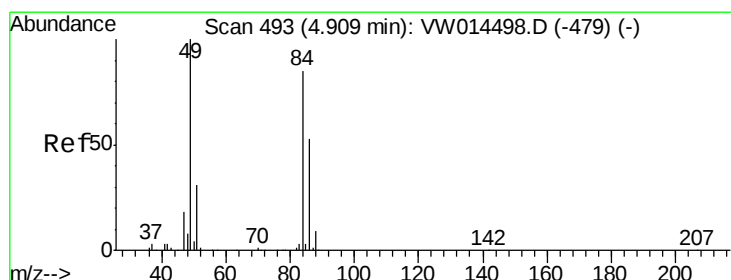
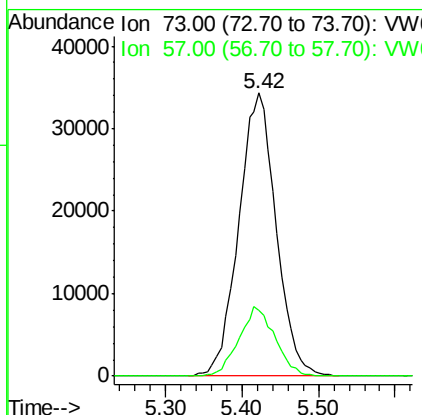
Methyl tert-butyl Ether
Concen: 11.709 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.1	27.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Manual Integrations
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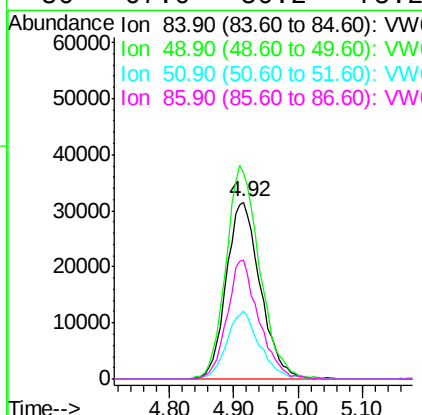
apatel
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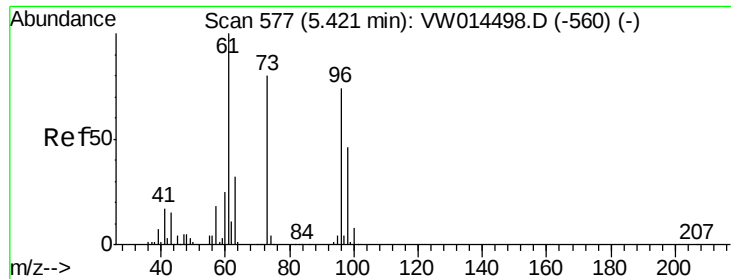


#20

Methylene Chloride
Concen: 12.747 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.4	94.4	141.6
51	38.2	29.5	44.3
86	67.0	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 11.325 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

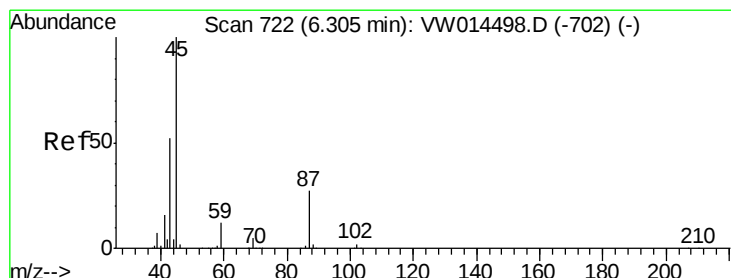
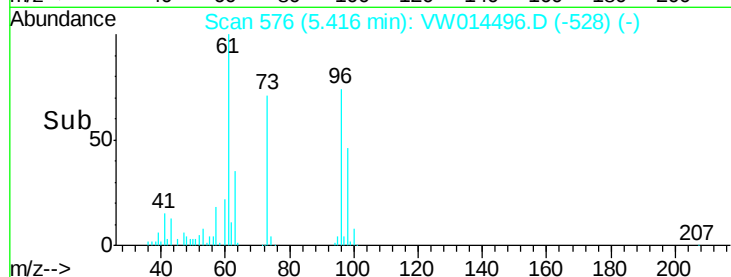
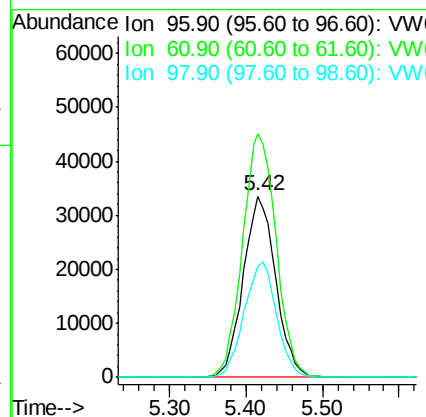
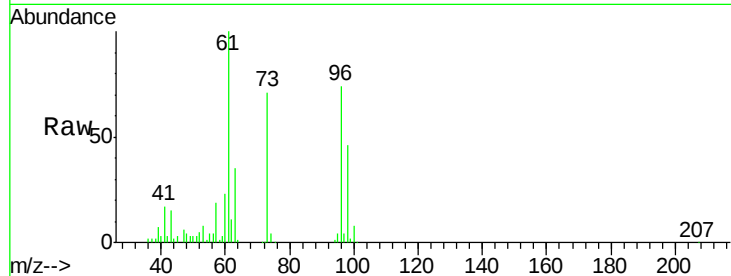
ClientSampled :

VSTDIC010

Tot Ion:	96	Resp:	98904
Ion	Ratio	Lower	Upper
96	100		
61	134.6	107.8	161.6
98	61.2	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 11.664 ug/l

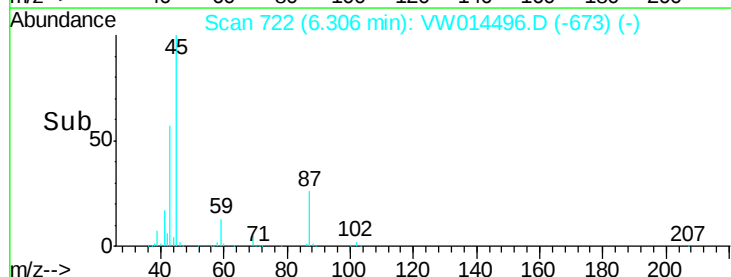
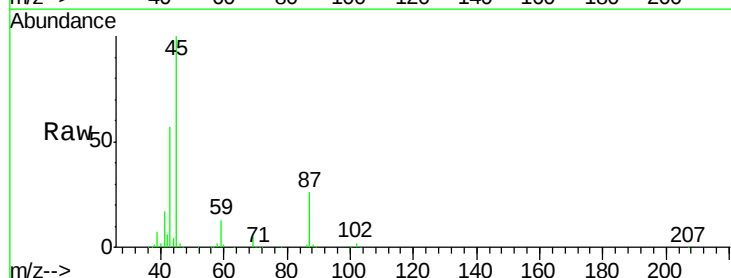
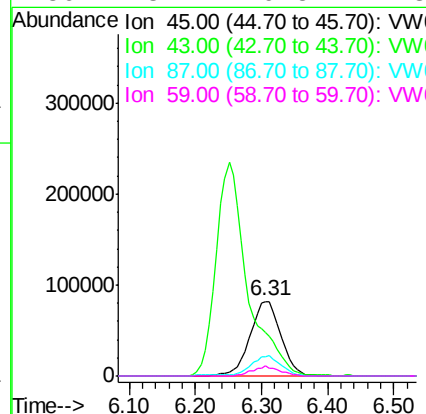
RT: 6.31 min Scan# 722

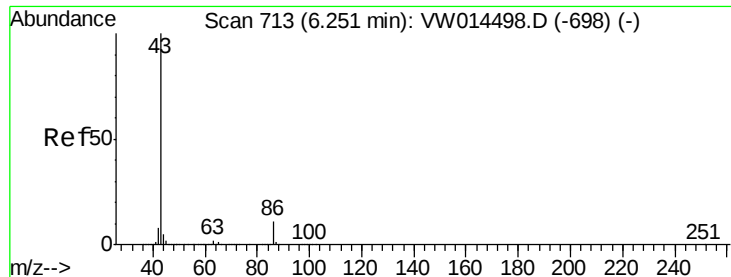
Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Tgt Ion:	45	Resp:	267478
Ion	Ratio	Lower	Upper
45	100		
43	56.6	41.4	62.0
87	26.4	22.2	33.2
59	13.2	9.5	14.3





#23

Vinyl Acetate

Concen: 57.266 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 776891

Ion Ratio Lower Upper

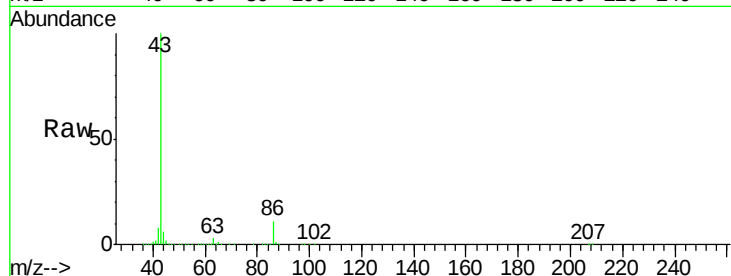
43 100

86 10.8 8.8 13.2

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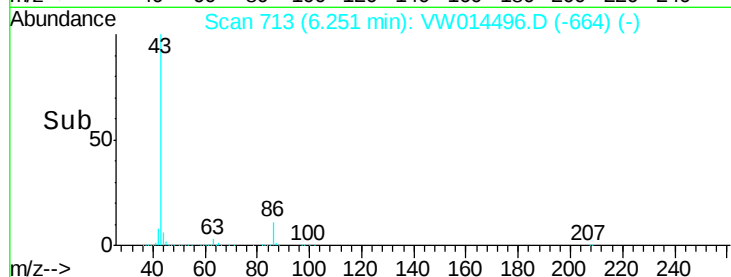
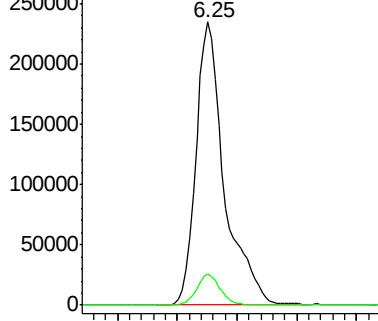
apatel

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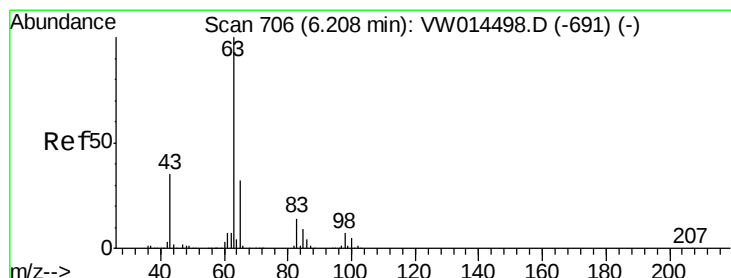


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 11.627 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

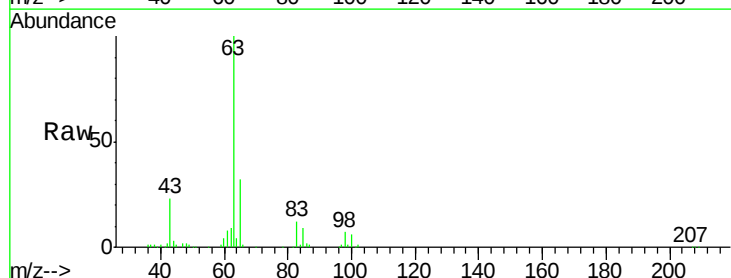
Tgt Ion: 63 Resp: 168395

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

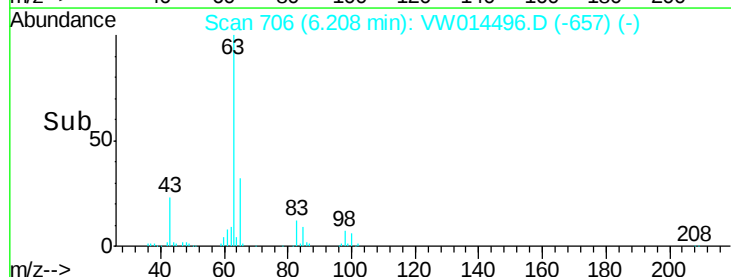
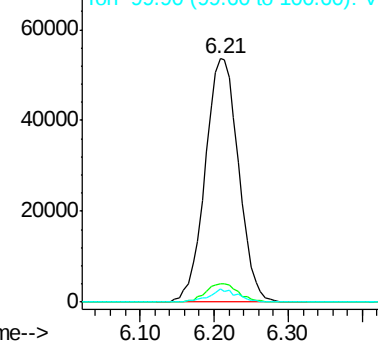
100 5.6 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->



#25

2-Butanone

Concen: 64.144 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 142350

Ion Ratio Lower Upper

43 100

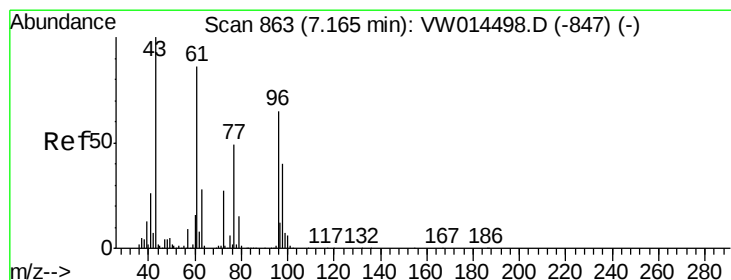
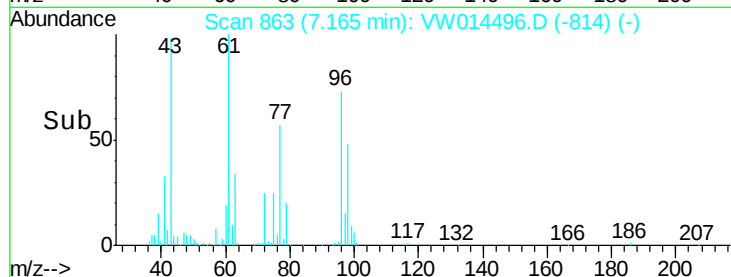
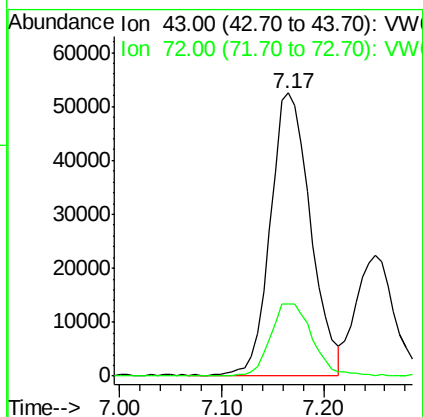
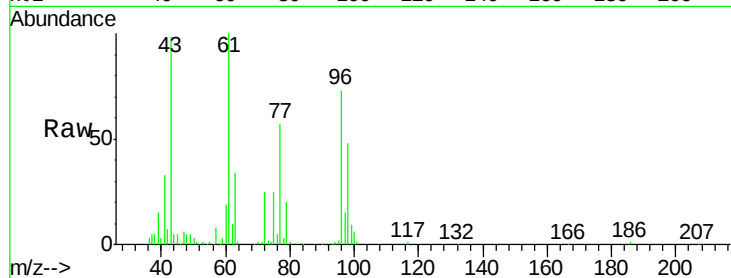
72 25.5 21.9 32.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 11.493 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014496.D

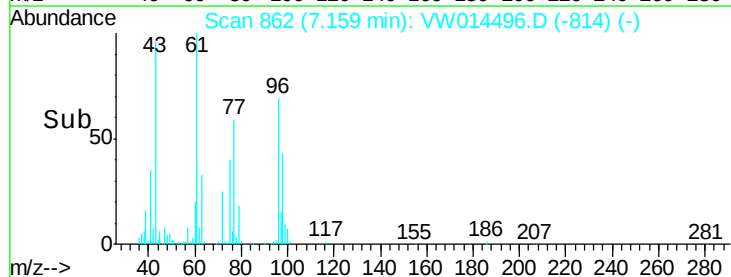
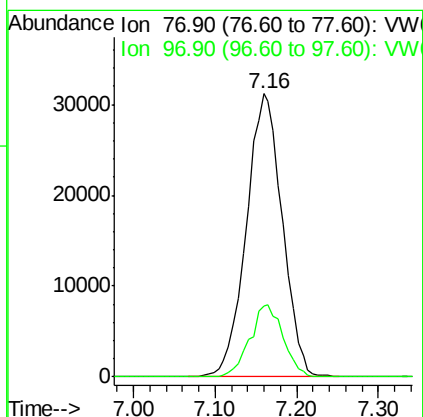
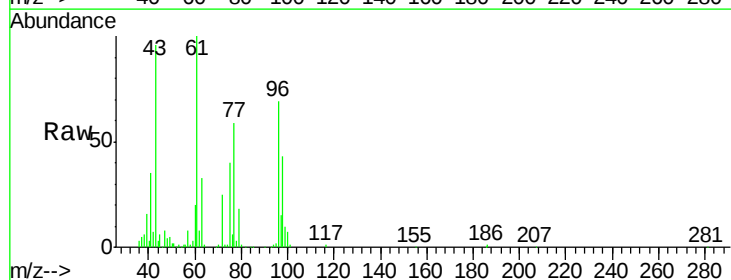
Acq: 03 Jan 2020 13:55

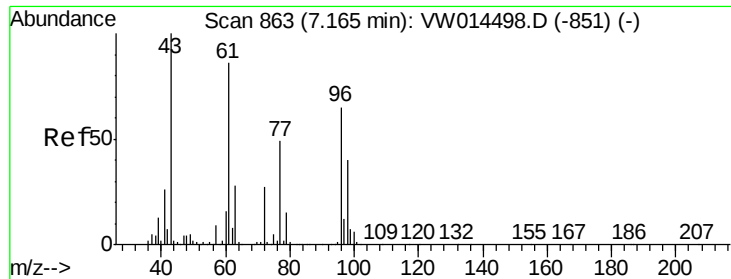
Tgt Ion: 77 Resp: 95462

Ion Ratio Lower Upper

77 100

97 23.4 12.5 37.5





#27

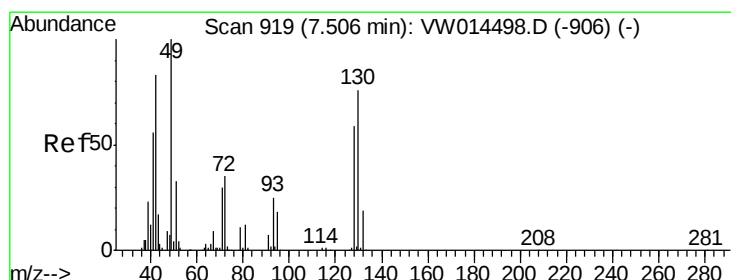
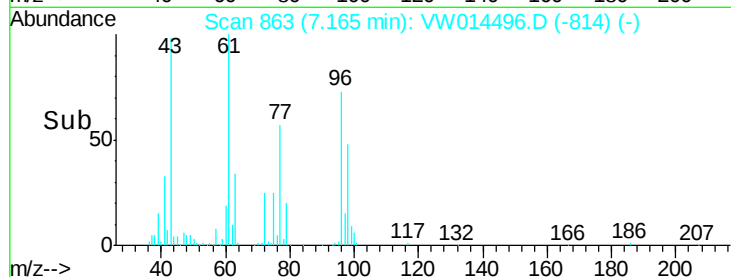
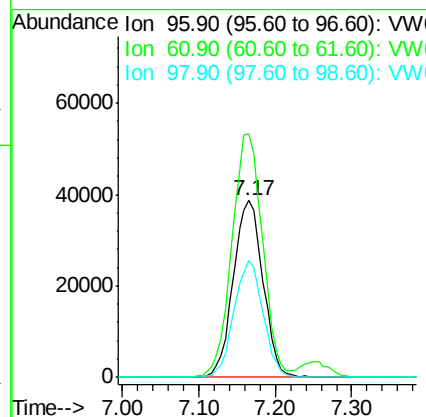
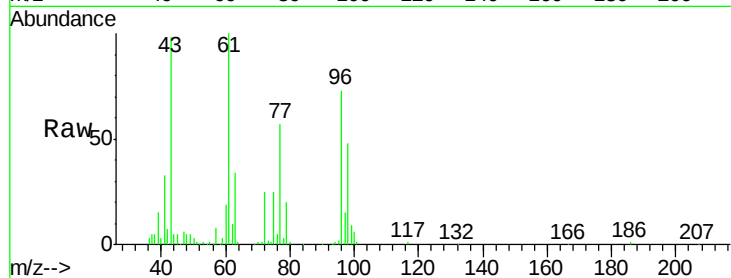
cis-1,2-Dichloroethene
Concen: 11.218 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	142.0	0.0	274.8	
98	64.5	0.0	128.6	

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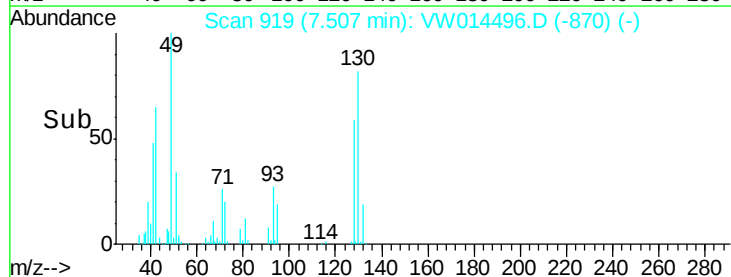
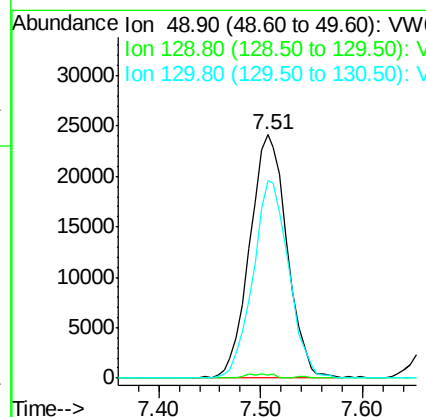
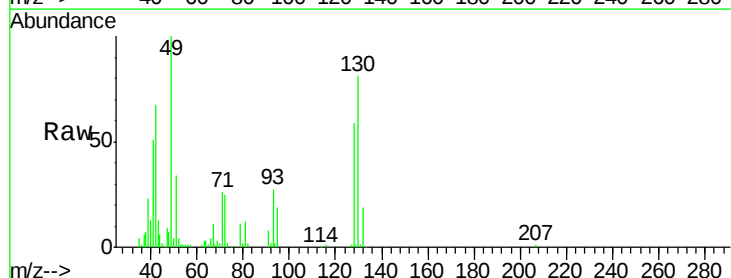
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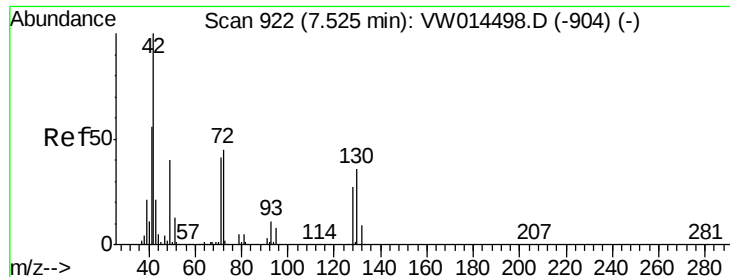


#28

Bromochloromethane
Concen: 12.613 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.3	0.0	2.0	
130	78.1	62.5	93.7	





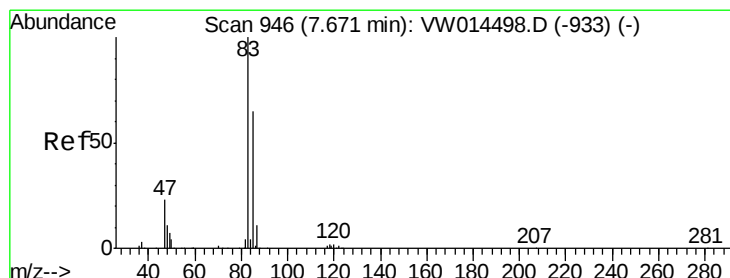
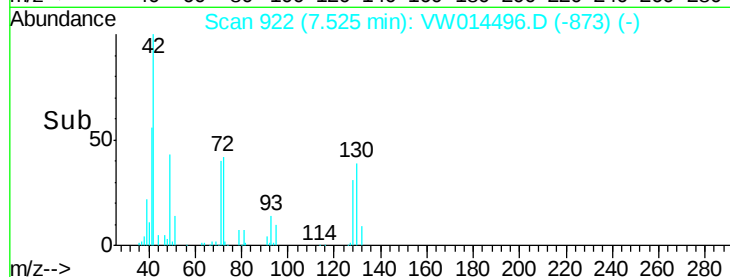
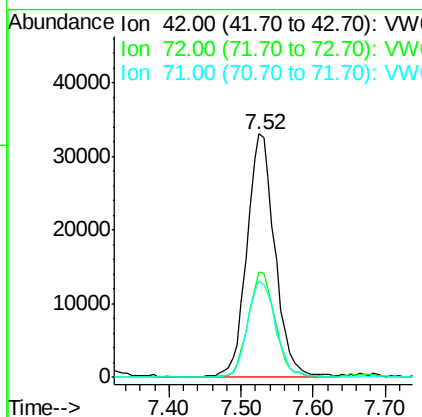
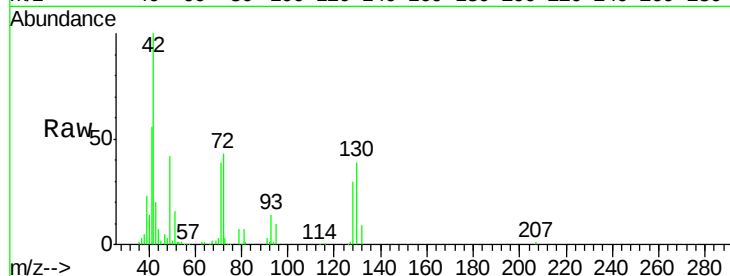
#29
Tetrahydrofuran
Concen: 65.190 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	34.5	51.7
71	39.5	32.0	48.0

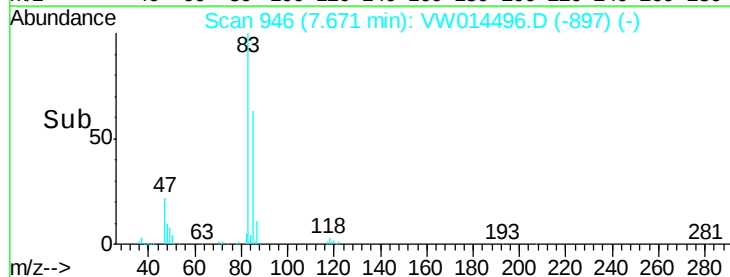
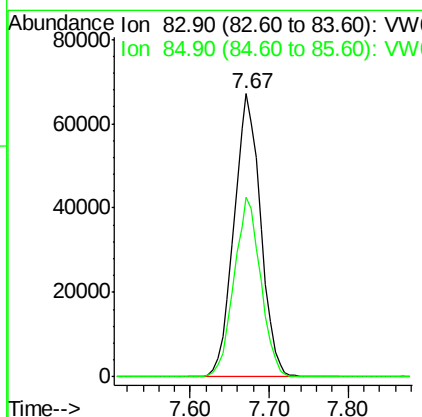
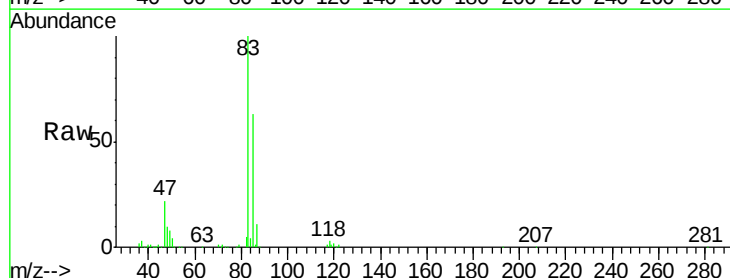
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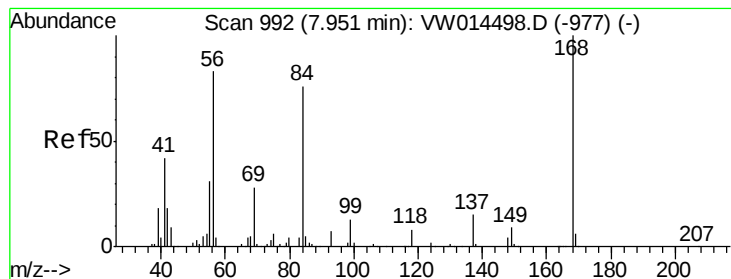
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#30
Chloroform
Concen: 11.072 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.2	78.2





#31

Cyclohexane

Concen: 11.952 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

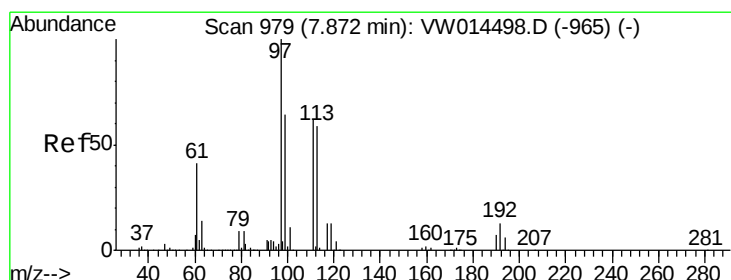
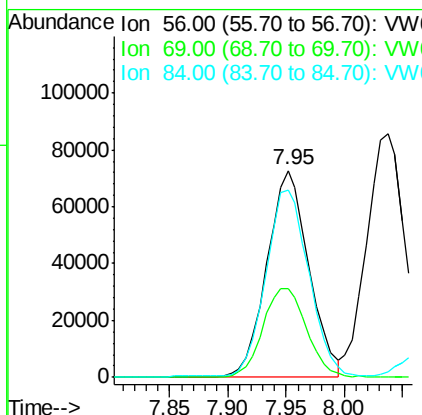
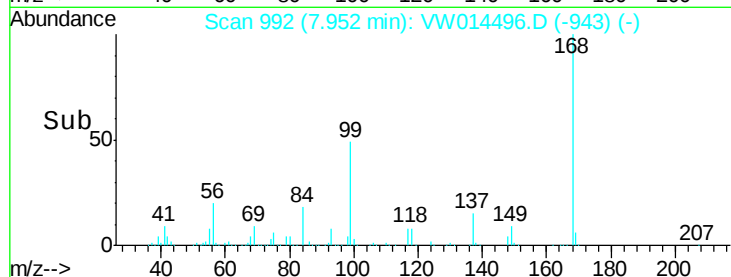
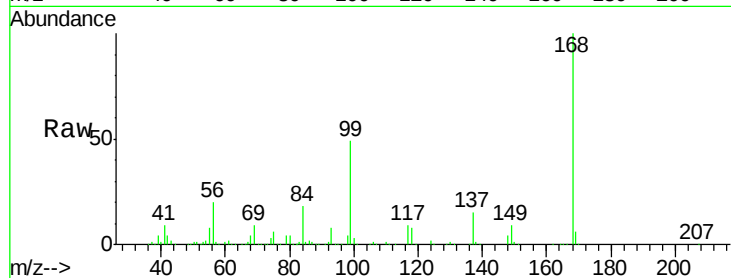
ClientSampled :

VSTDIC010

Tot Ion:	56	Resp:	181002
Ion Ratio	Lower	Upper	
56	100		
69	42.8	26.8	40.2#
84	89.7	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 11.373 ug/l

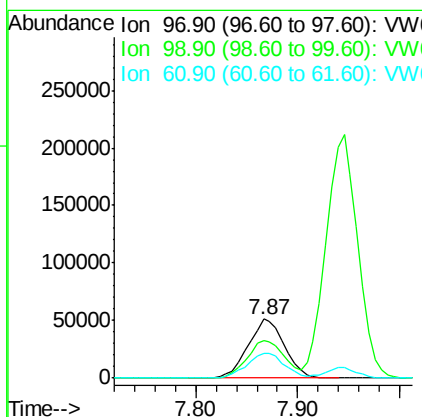
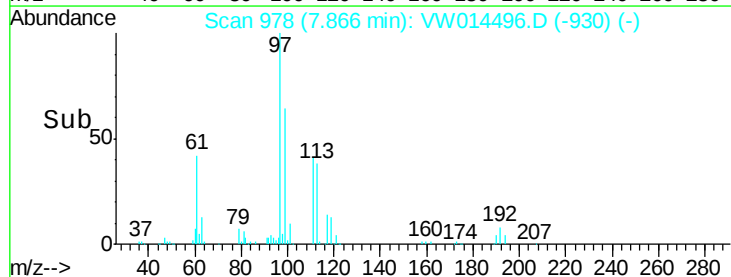
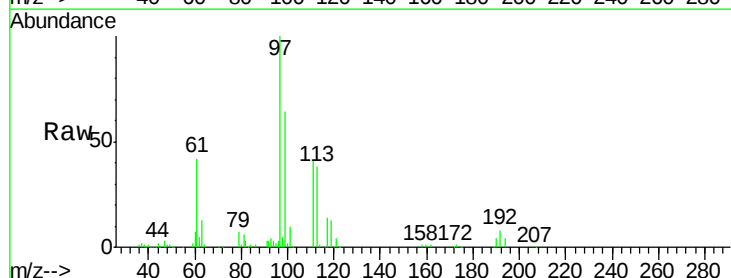
RT: 7.87 min Scan# 978

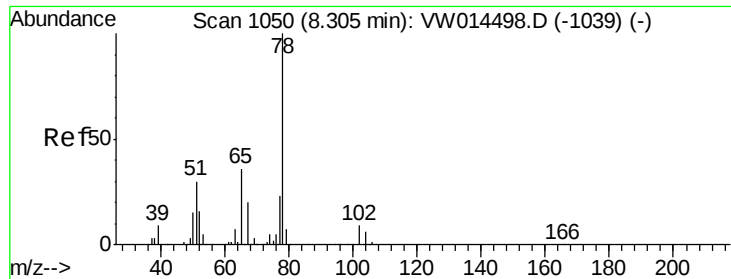
Delta R.T. -0.01 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Tgt Ion:	97	Resp:	127413
Ion Ratio	Lower	Upper	
97	100		
99	65.8	51.8	77.6
61	42.9	33.8	50.8





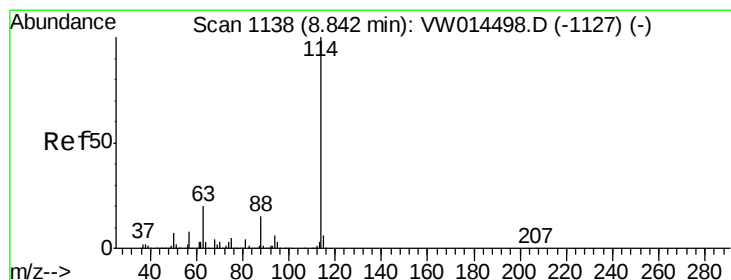
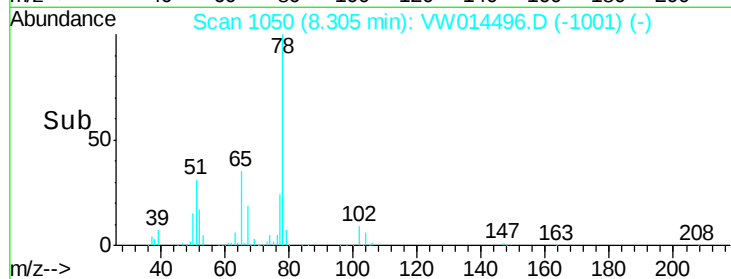
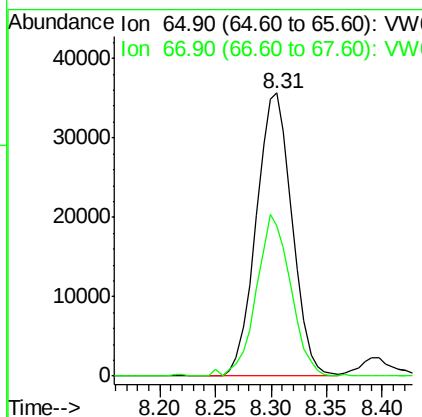
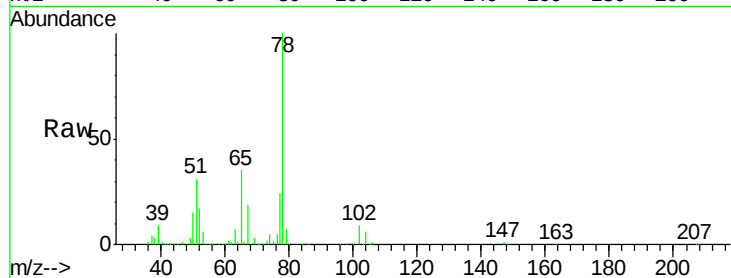
#33
 1,2-Dichloroethane-d4
 Concen: 11.703 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	108.4

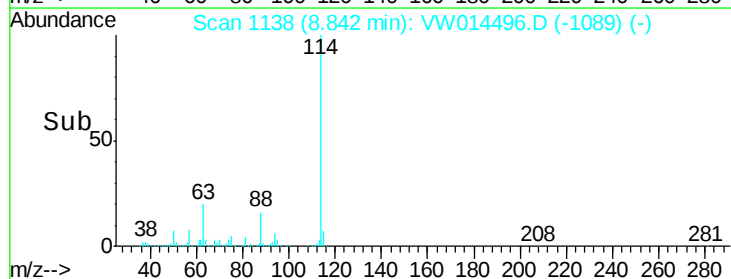
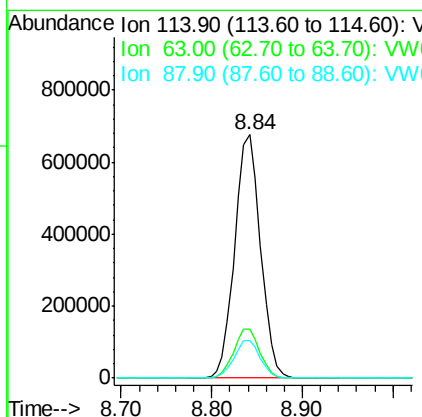
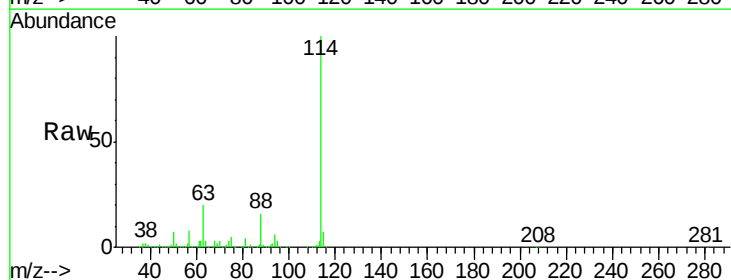
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.4
88	15.6	0.0	30.6





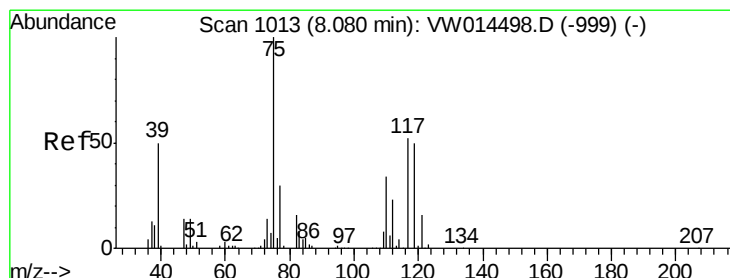
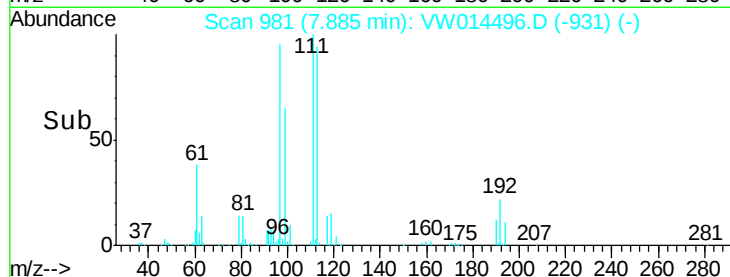
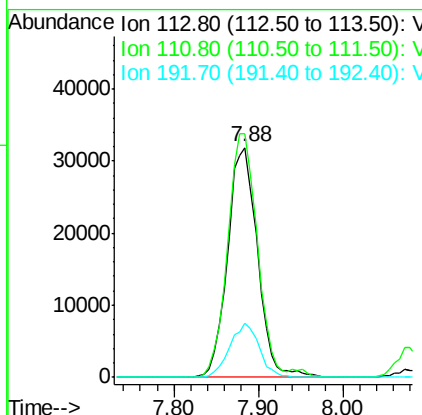
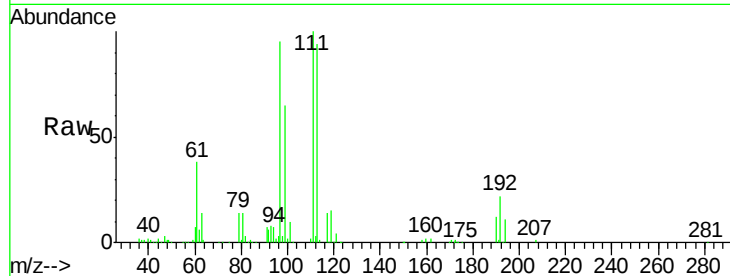
#35
Dibromofluoromethane
Concen: 10.443 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.4	122.2
192	23.0	17.8	26.8

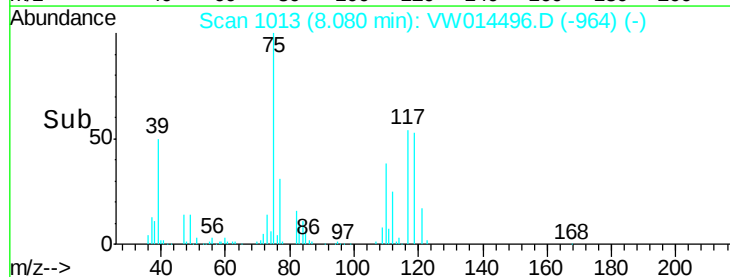
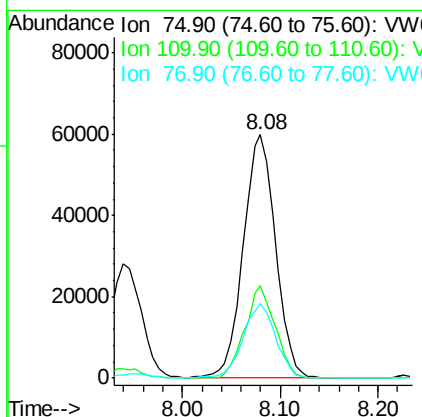
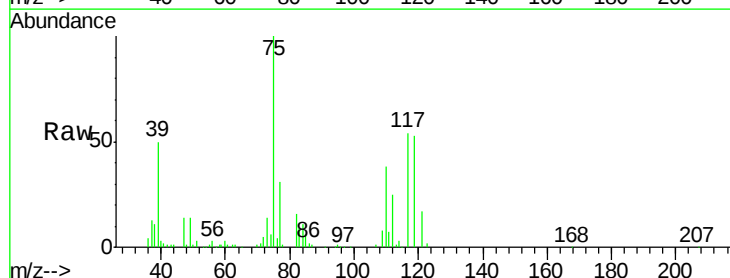
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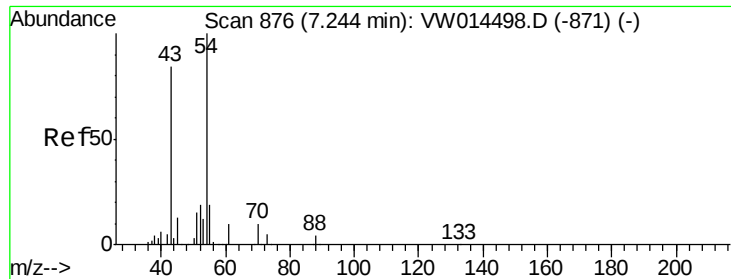
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#36
1,1-Dichloropropene
Concen: 10.864 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.8	53.5
77	31.3	24.7	37.1





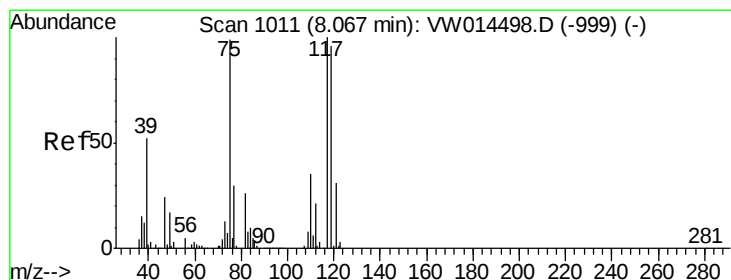
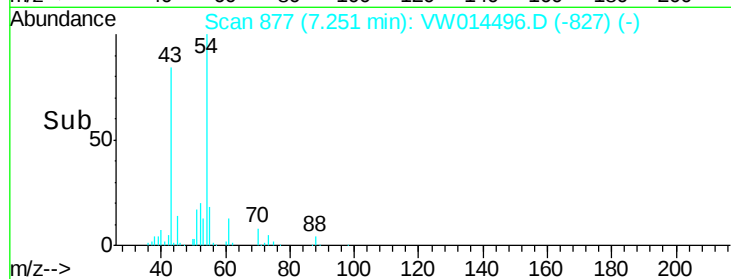
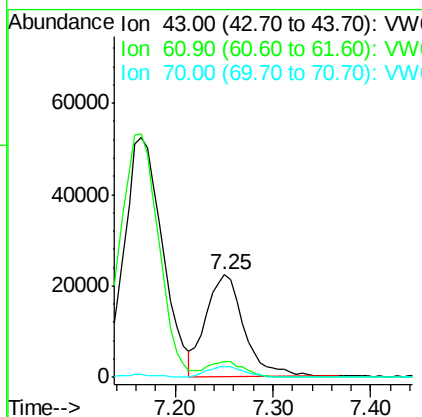
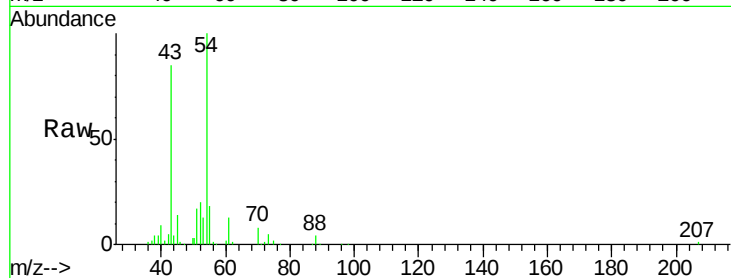
#37
Ethyl Acetate
Concen: 11.873 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.7	17.5
70	10.6	9.0	13.6

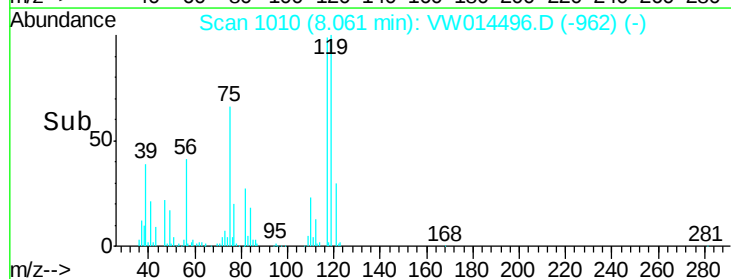
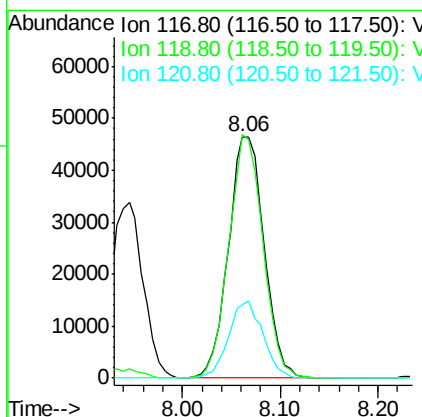
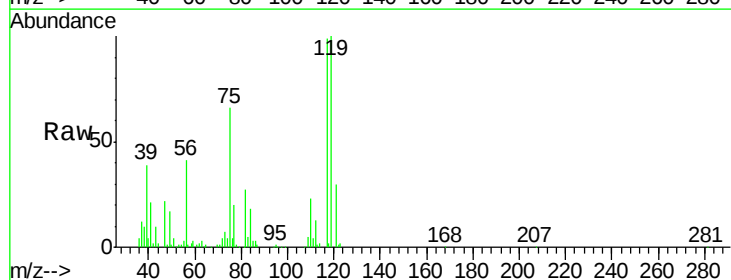
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#38
Carbon Tetrachloride
Concen: 10.502 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.7	77.0	115.6
121	30.4	24.6	36.8





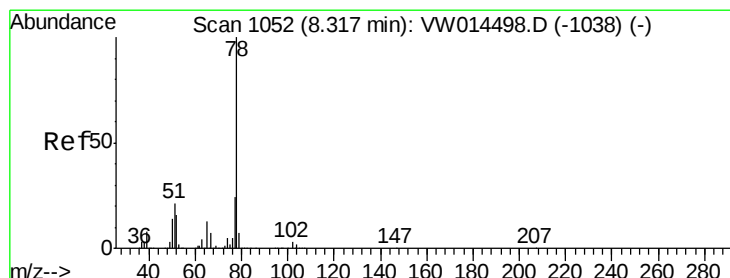
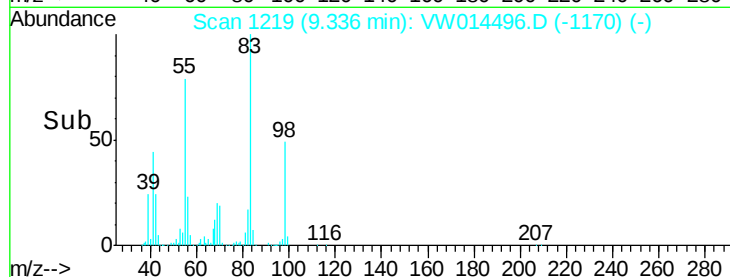
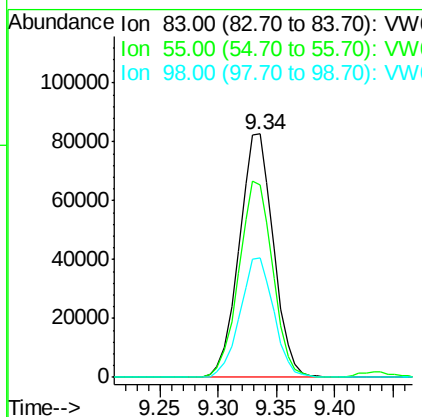
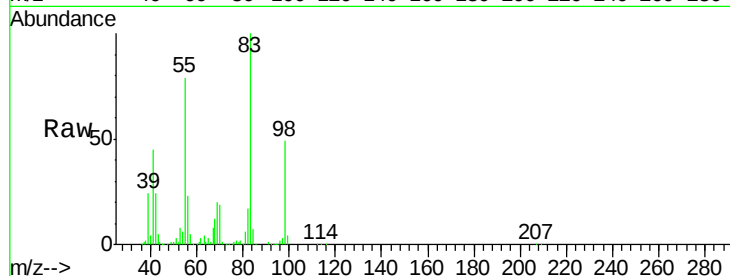
#39
Methvlcvclohexane
Concen: 10.569 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	60.1	90.1
98	49.1	38.8	58.2

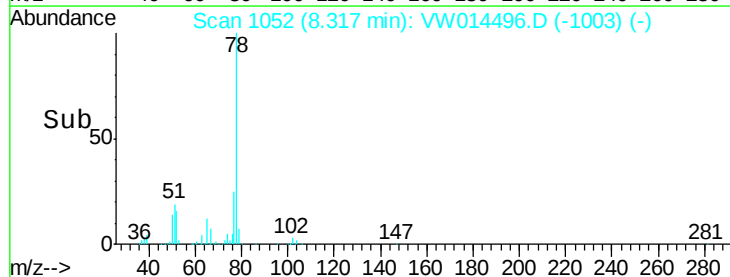
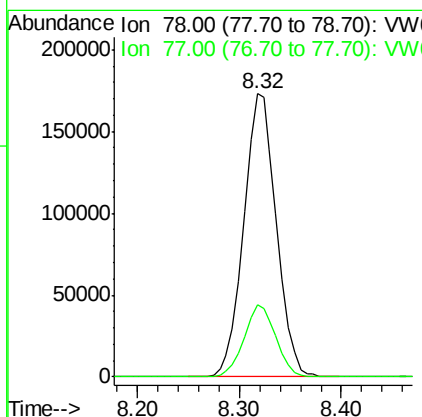
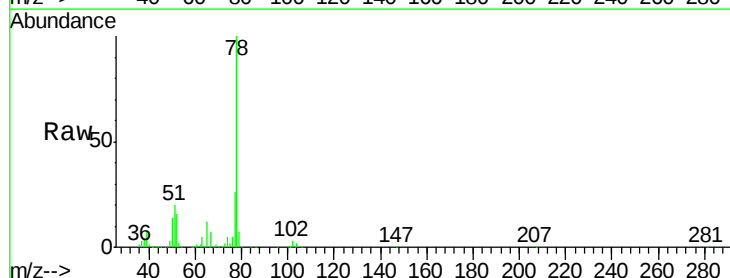
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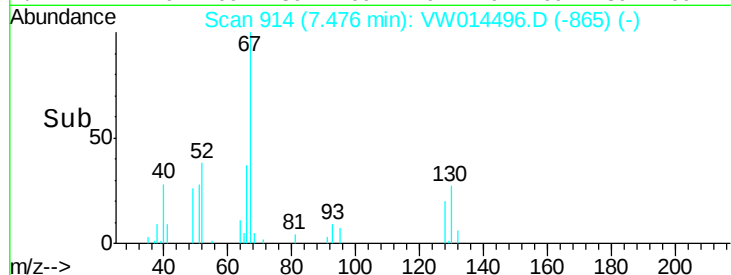
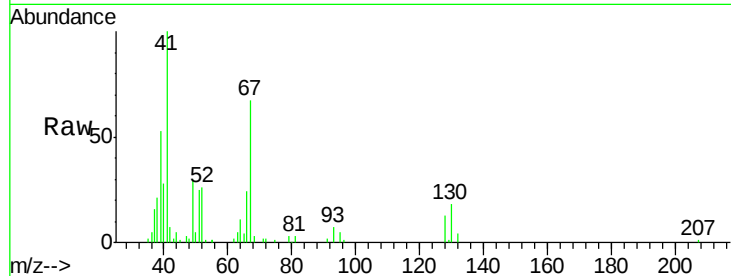
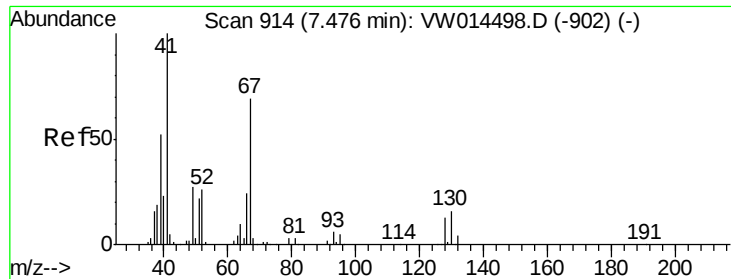
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#40
Benzene
Concen: 10.838 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.3	28.9





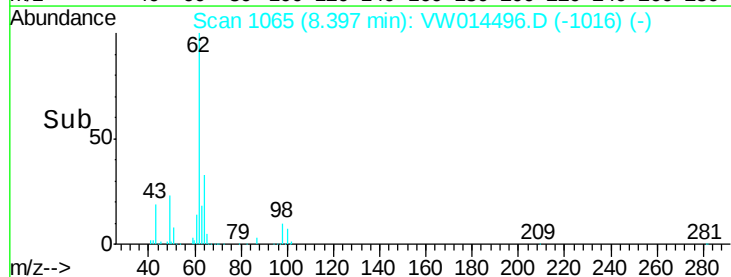
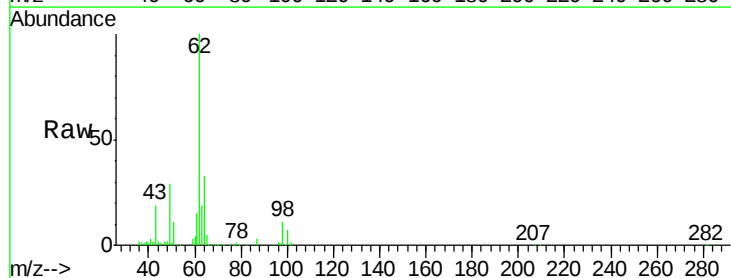
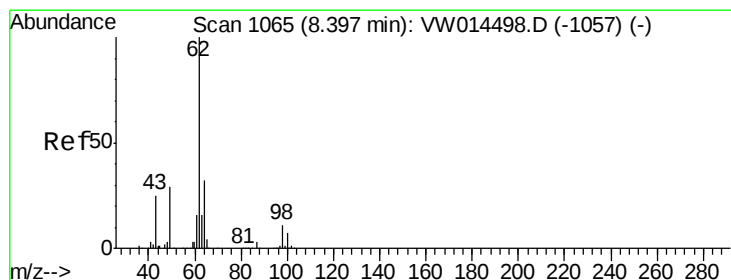
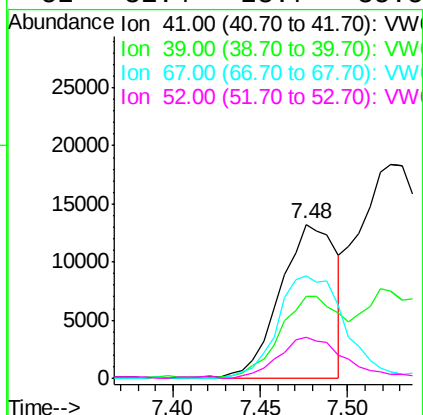
#41
Methacrylonitrile
Concen: 9.511 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tot Ion	41	Resp	29543
Ion Ratio	Lower	Upper	
41	100		
39	58.5	46.0	69.0
67	80.4	60.8	91.2
52	31.4	23.7	35.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

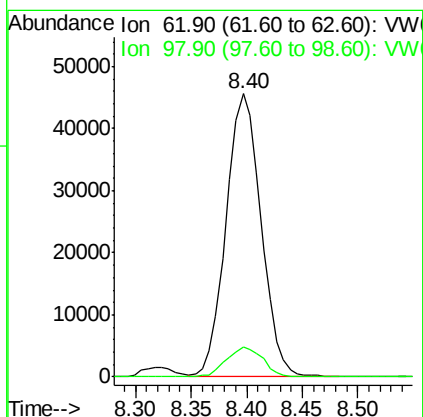
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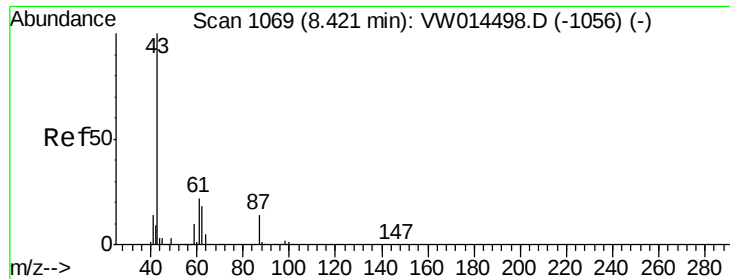
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#42
1,2-Dichloroethane
Concen: 11.074 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tgt Ion	62	Resp	99598
Ion Ratio	Lower	Upper	
62	100		
98	10.9	0.0	22.0





#43

Isopropyl Acetate

Concen: 11.252 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

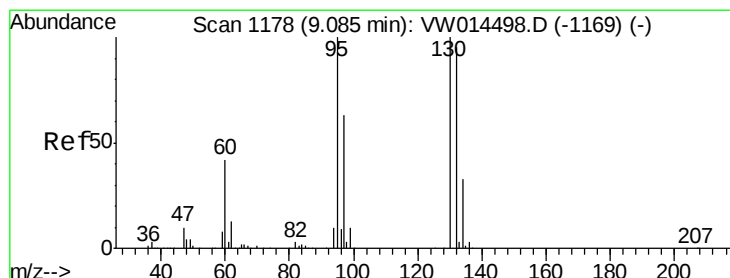
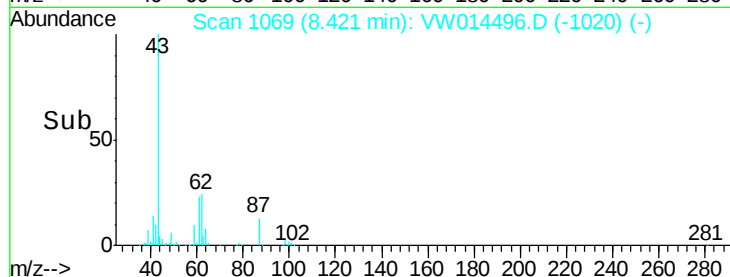
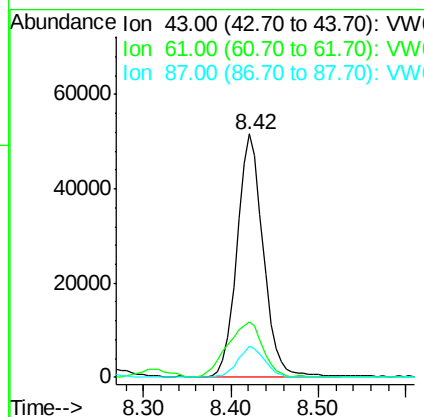
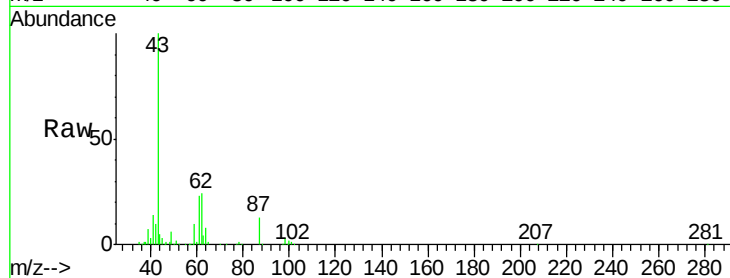
ClientSampled :

VSTDIC010

Tot Ion:	43	Resp:	107179
Ion	Ratio	Lower	Upper
43	100		
61	30.3	24.7	37.1
87	13.3	11.1	16.7

Manual Integrations
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#44

Trichloroethene

Concen: 10.206 ug/l

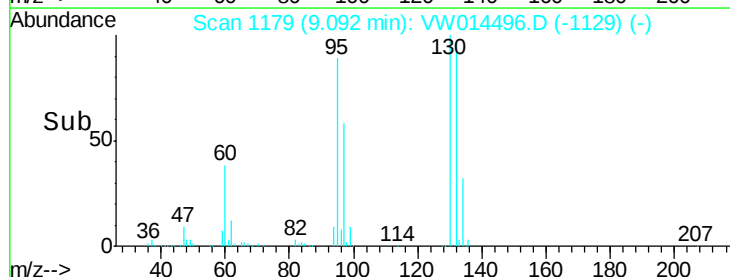
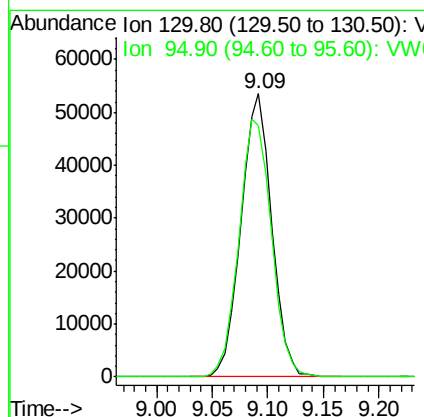
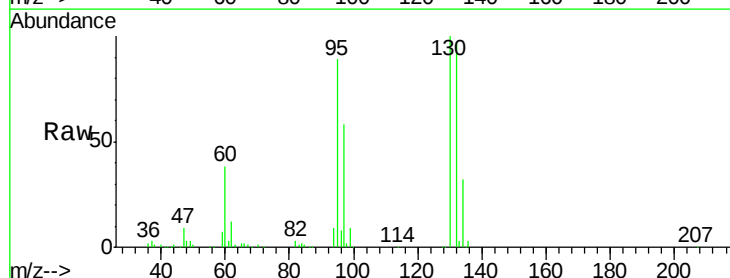
RT: 9.09 min Scan# 1179

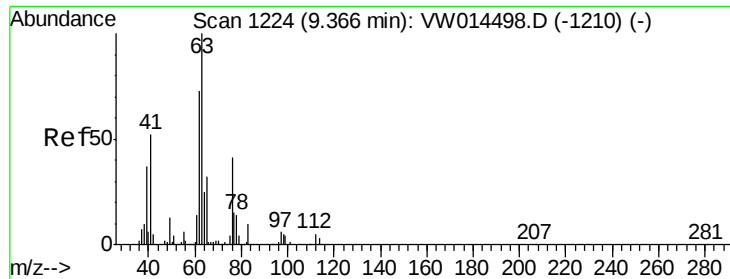
Delta R.T. 0.01 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Tgt Ion:	130	Resp:	102264
Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	199.4





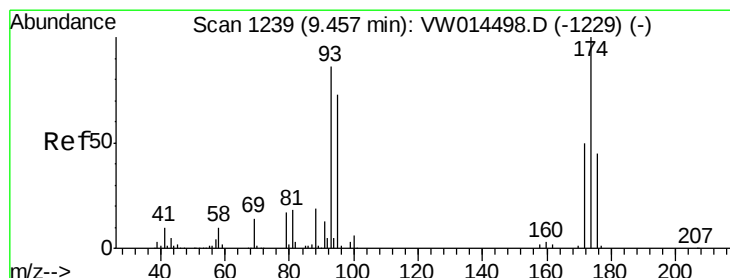
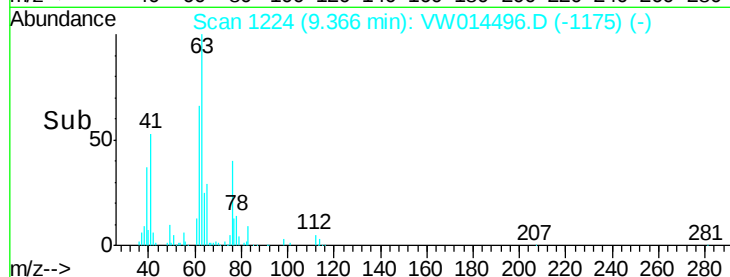
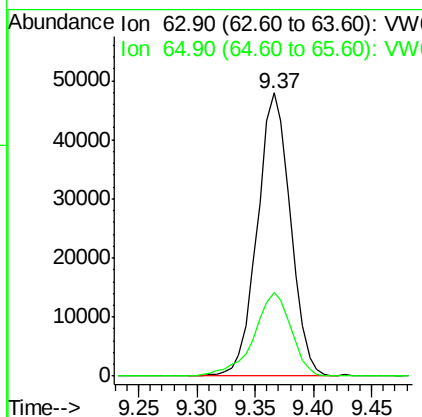
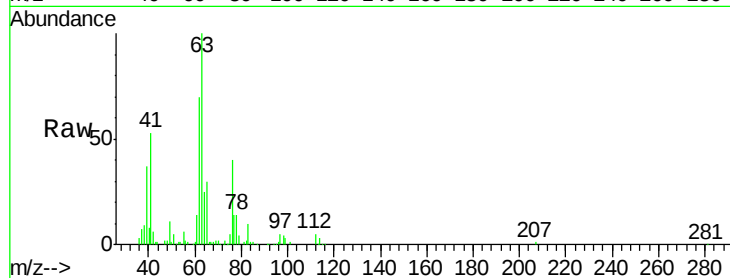
#45
 1,2-Dichloropropane
 Concen: 11.130 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion: 63 Resp: 94553
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.6 38.4

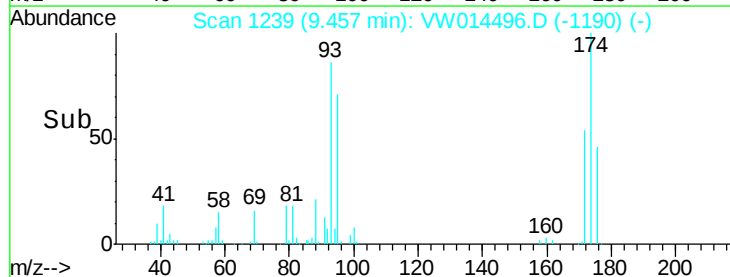
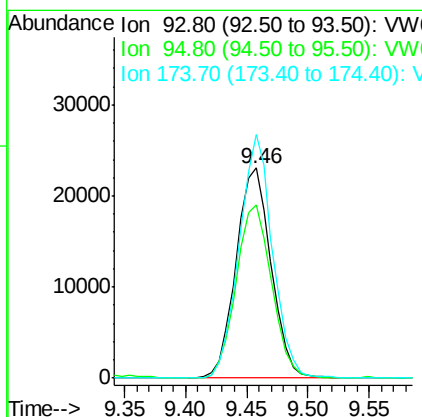
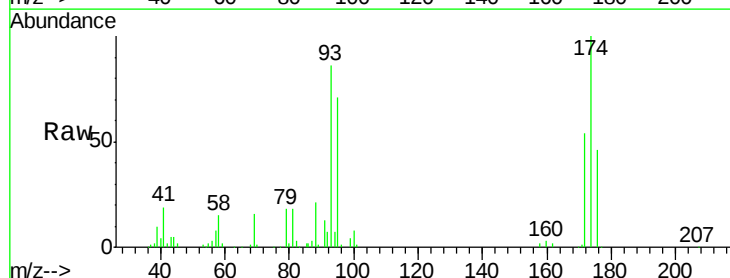
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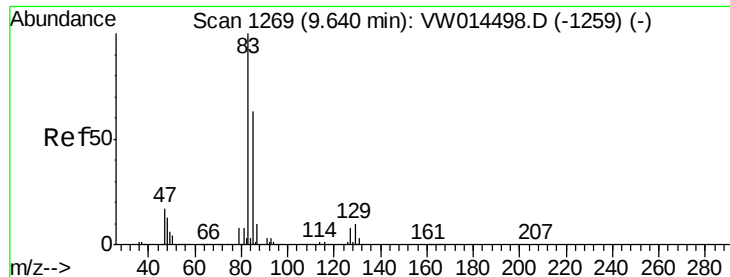
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#46
 Dibromomethane
 Concen: 10.957 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

Tgt Ion: 93 Resp: 45667
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.4 99.6
 174 110.6 89.1 133.7





#47

Bromodichloromethane

Concen: 10.526 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

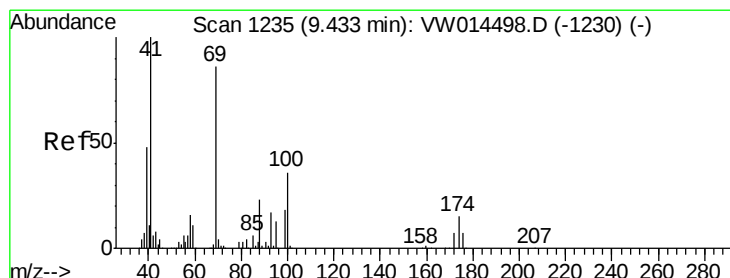
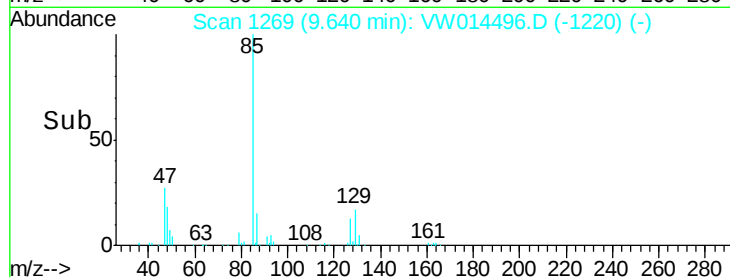
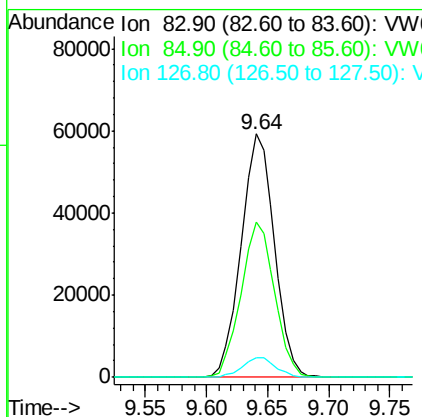
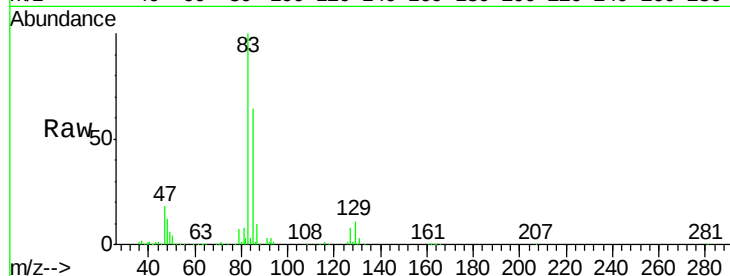
ClientSampled :

VSTDIC010

Tot Ion:	83	Resp:	111923
Ion Ratio	Lower	Upper	
83	100		
85	64.0	50.6	76.0
127	8.1	6.6	9.8

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#48

Methyl methacrylate

Concen: 10.770 ug/l

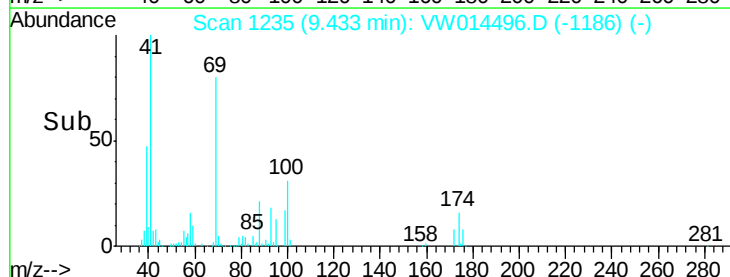
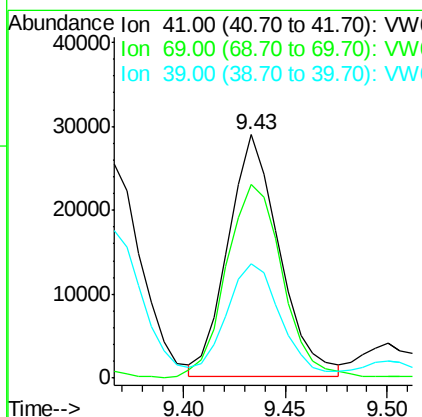
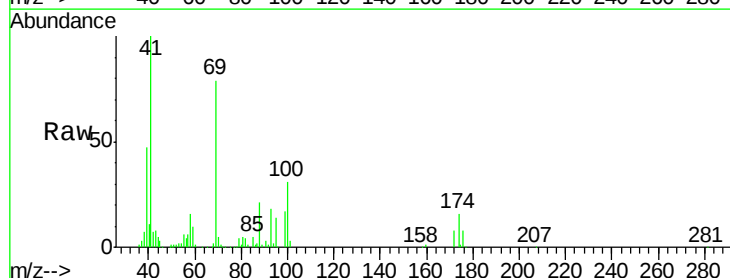
RT: 9.43 min Scan# 1235

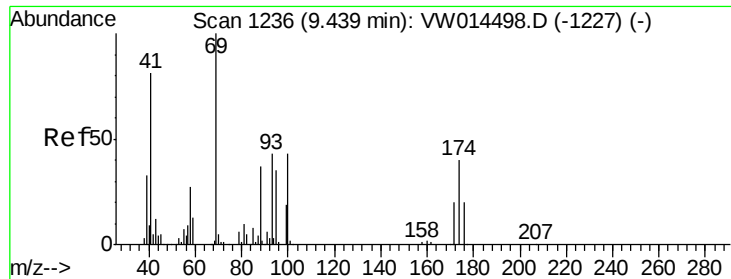
Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Tgt Ion:	41	Resp:	50658
Ion Ratio	Lower	Upper	
41	100		
69	86.8	68.3	102.5
39	44.7	36.8	55.2





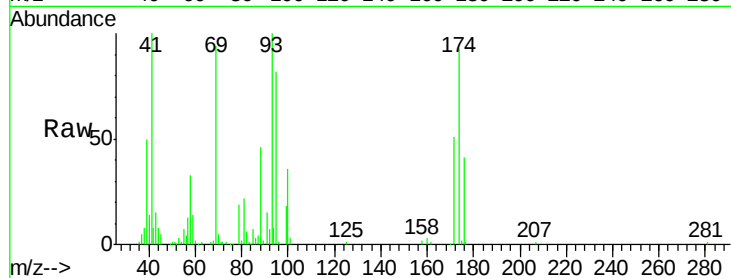
#49
1,4-Dioxane
Concen: 259.905 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.0	24.9	37.3
58	74.1	56.9	85.3

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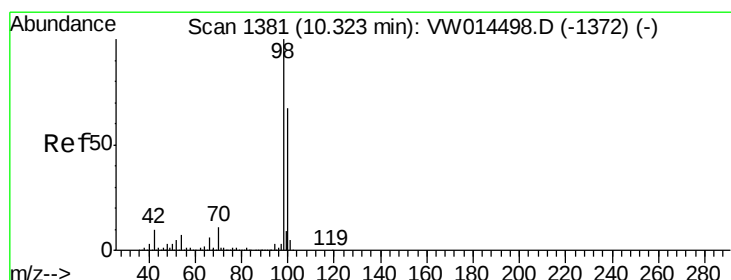
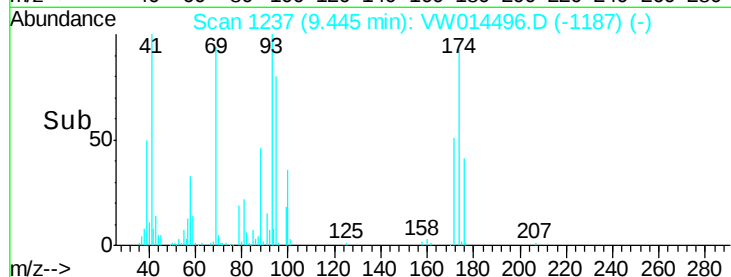
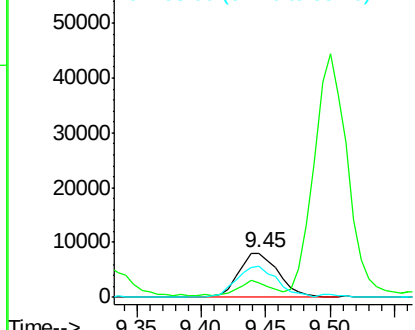


Abundance

Ion 88.00 (87.70 to 88.70): VW

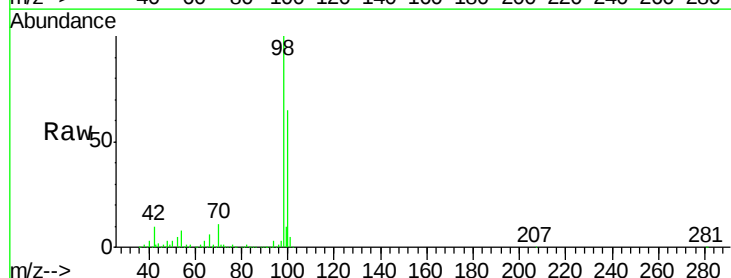
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 10.794 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

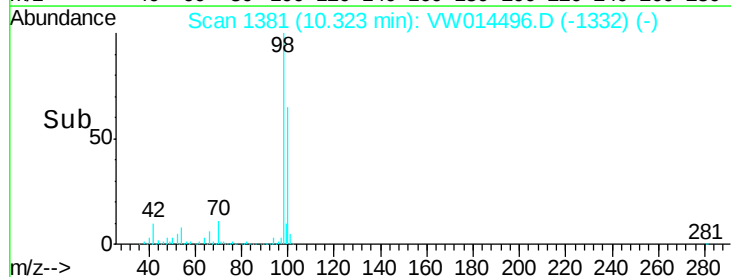
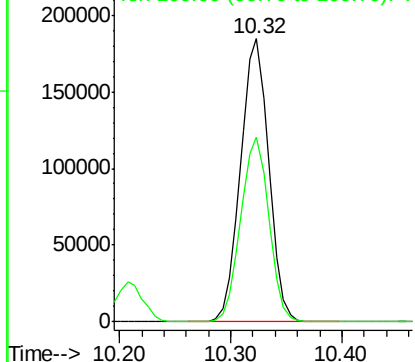
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.8	80.6

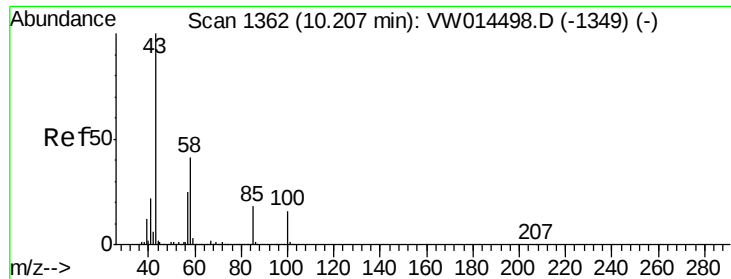


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 57.816 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 278178

Ion Ratio Lower Upper

43 100

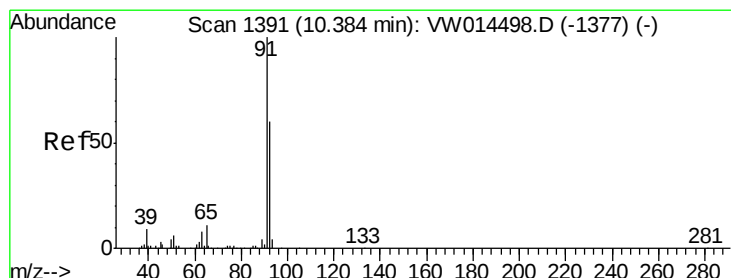
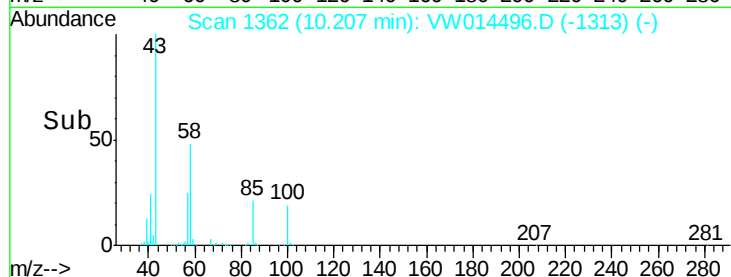
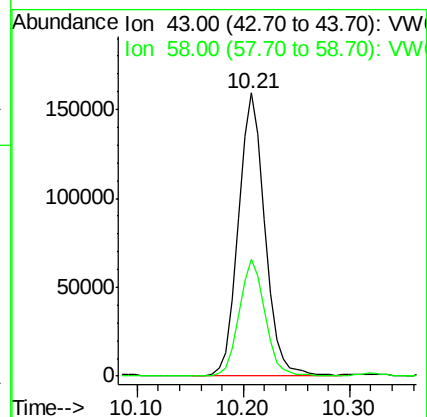
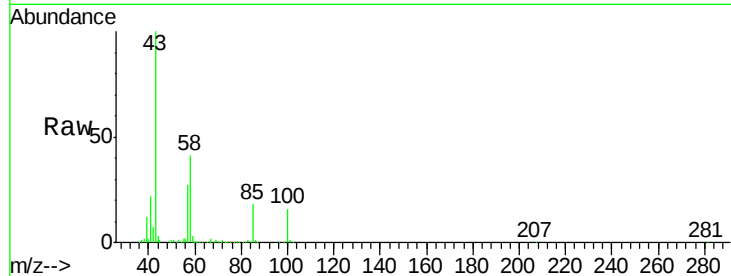
58 40.5 32.7 49.1

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#52

Toluene

Concen: 10.549 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014496.D

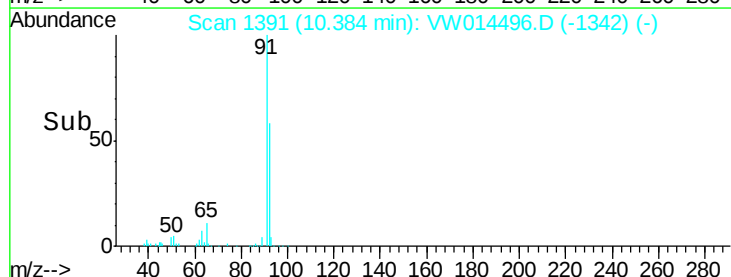
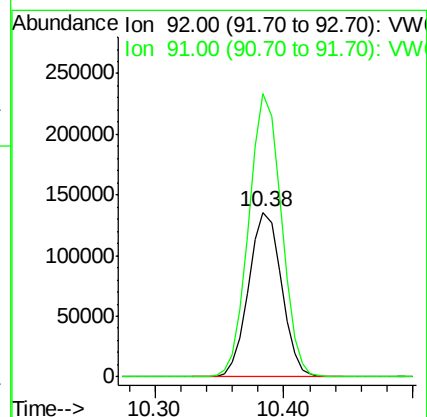
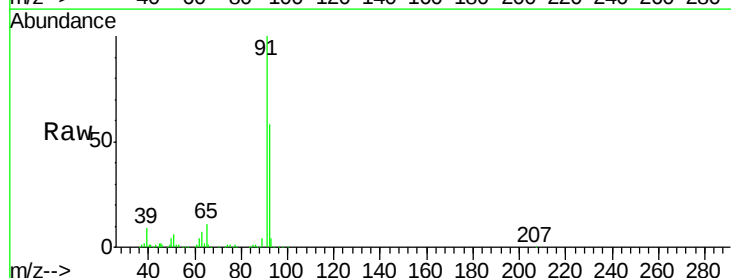
Acq: 03 Jan 2020 13:55

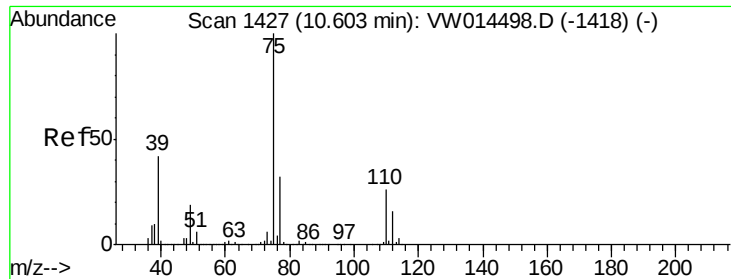
Tgt Ion: 92 Resp: 239870

Ion Ratio Lower Upper

92 100

91 169.9 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 10.348 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 112178

Ion Ratio Lower Upper

75 100

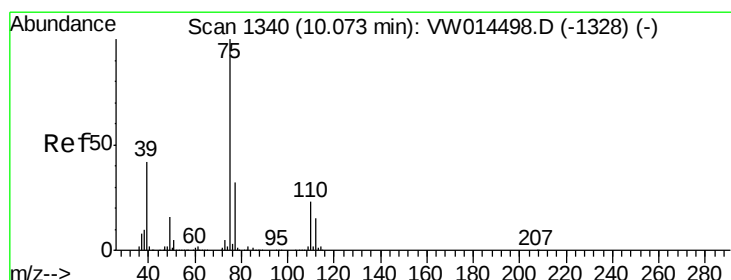
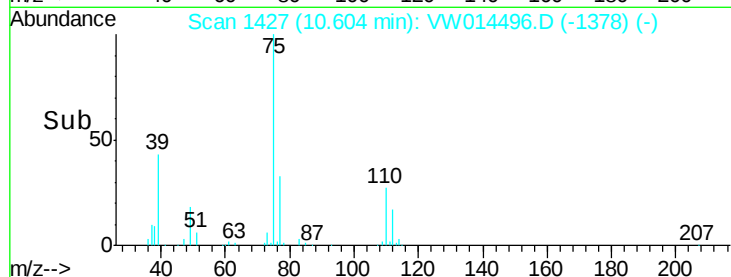
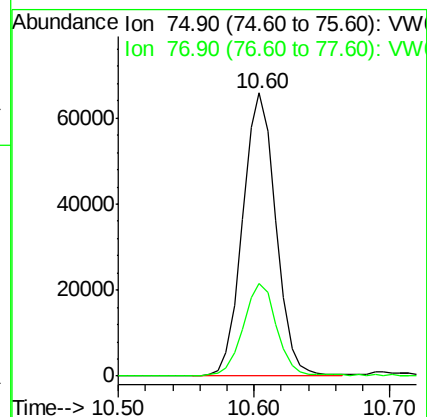
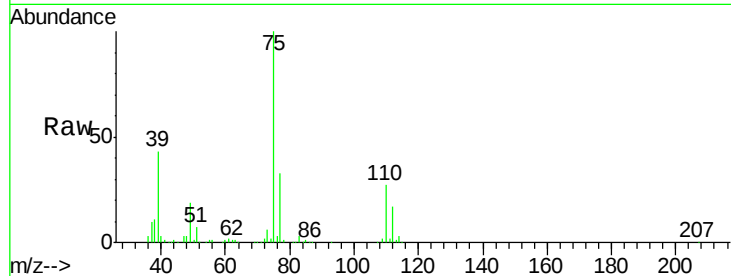
77 32.4 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 10.540 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

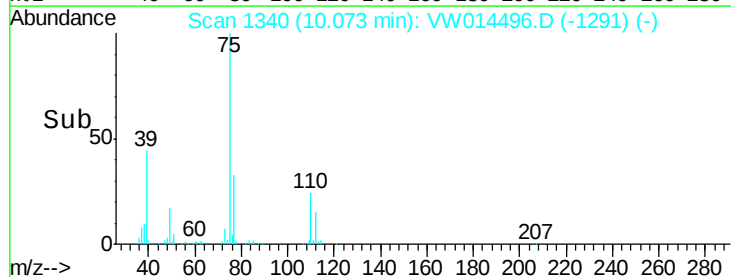
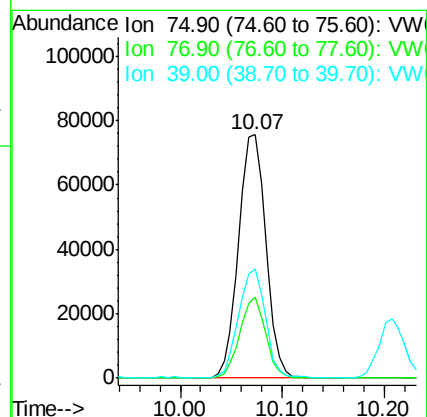
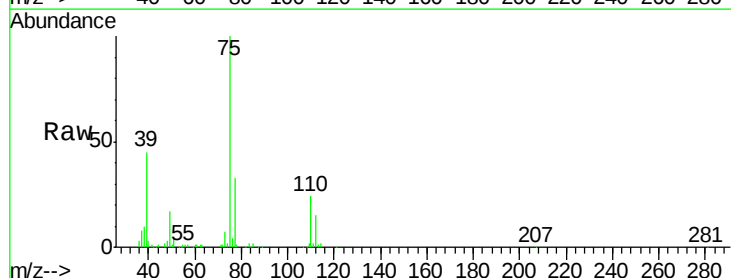
Tgt Ion: 75 Resp: 140421

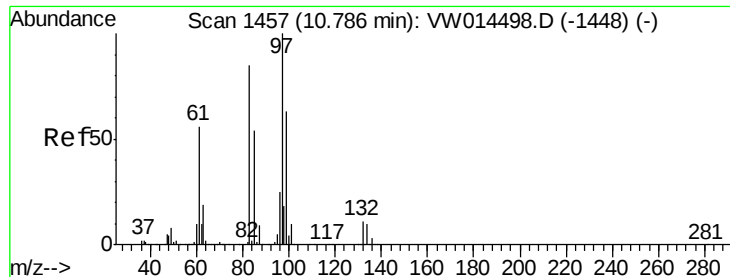
Ion Ratio Lower Upper

75 100

77 33.1 25.4 38.0

39 44.7 33.4 50.2





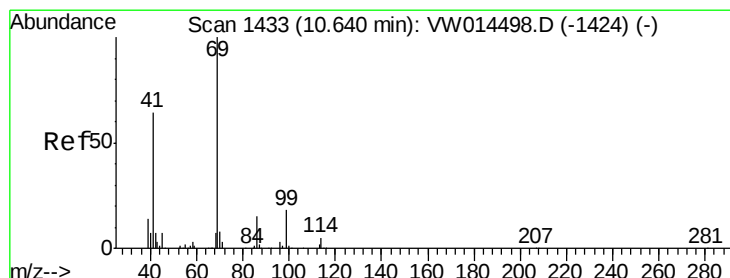
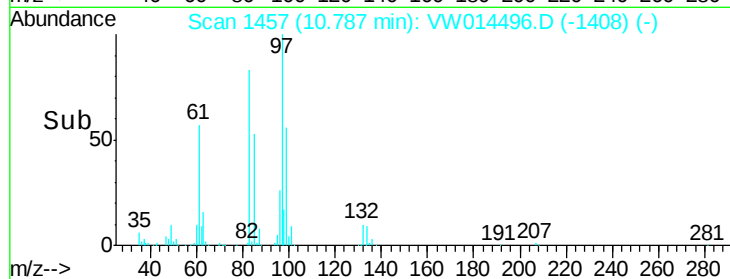
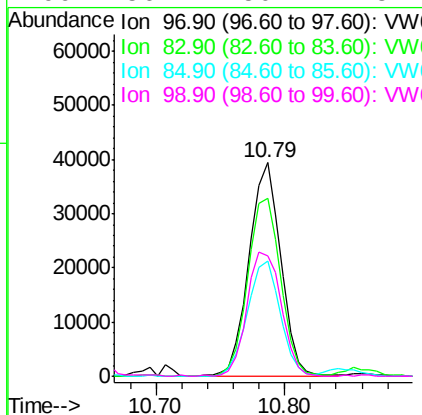
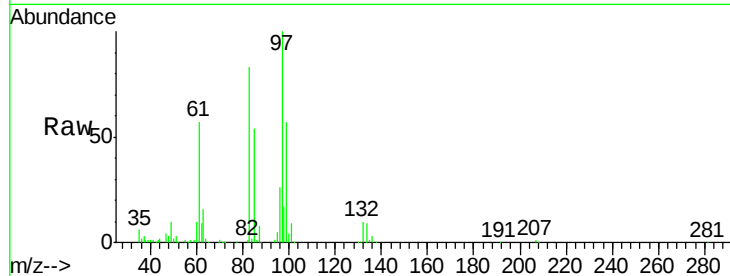
#55
 1,1,2-Trichloroethane
 Concen: 10.735 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion:	97	Resp:	66601
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.2	102.4
85	53.9	43.0	64.4
99	56.7	50.1	75.1

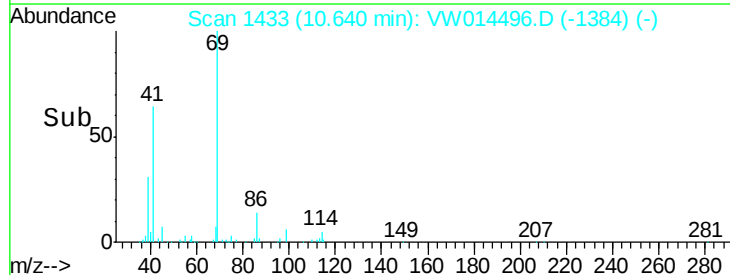
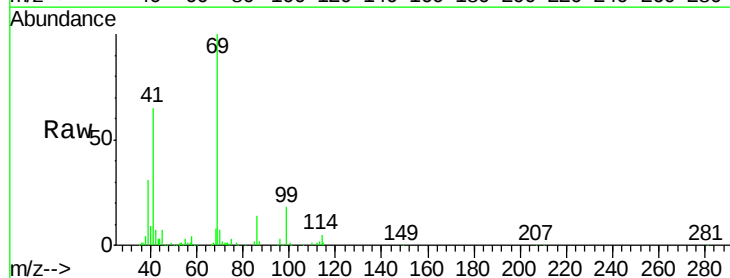
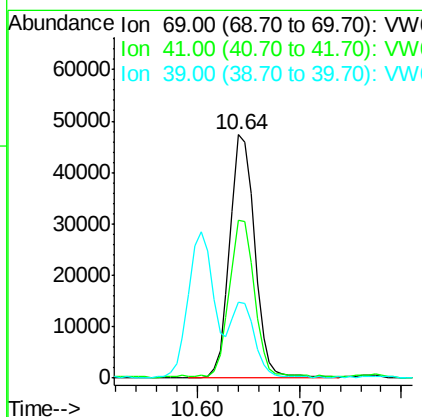
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#56
 Ethyl methacrylate
 Concen: 10.245 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

Tgt Ion:	69	Resp:	80620
Ion	Ratio	Lower	Upper
69	100		
41	64.8	51.3	76.9
39	28.5	21.0	31.6





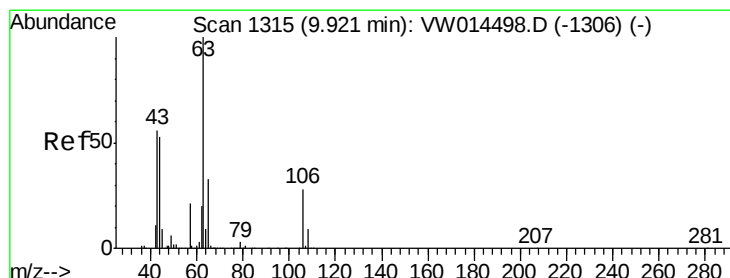
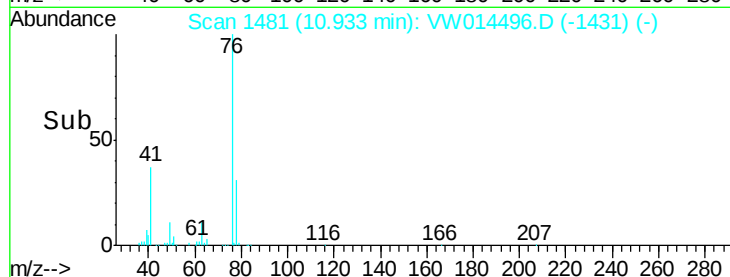
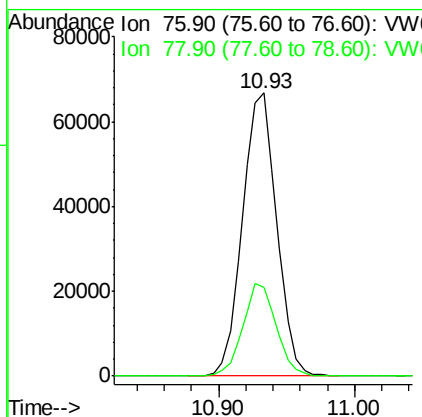
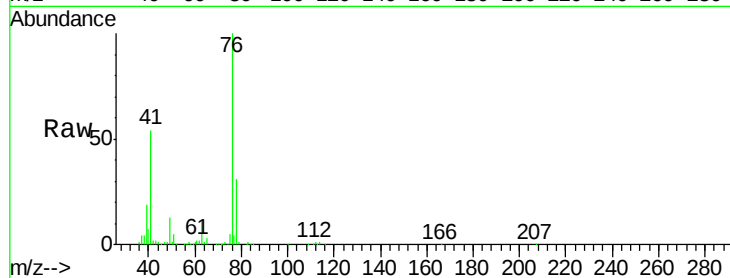
#57
 1,3-Dichloropropane
 Concen: 11.035 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.9	38.9

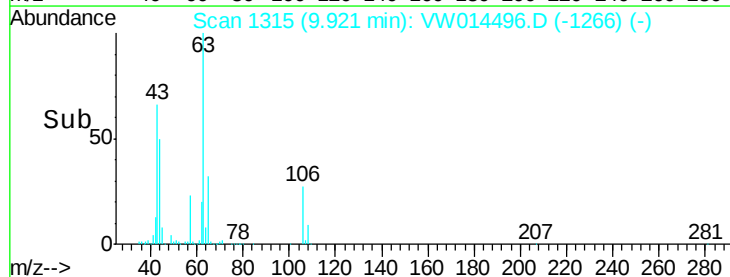
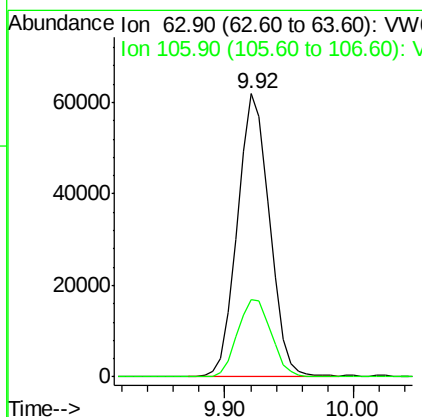
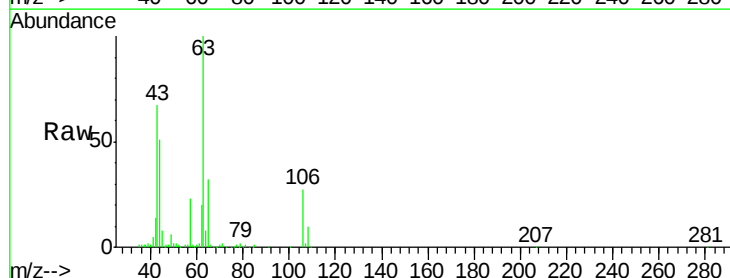
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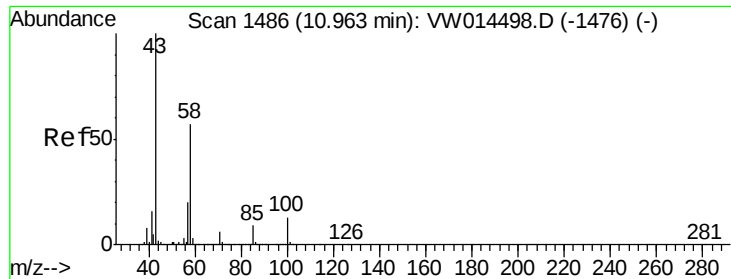
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#58
 2-Chloroethyl Vinyl ether
 Concen: 31.863 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	23.0	34.6





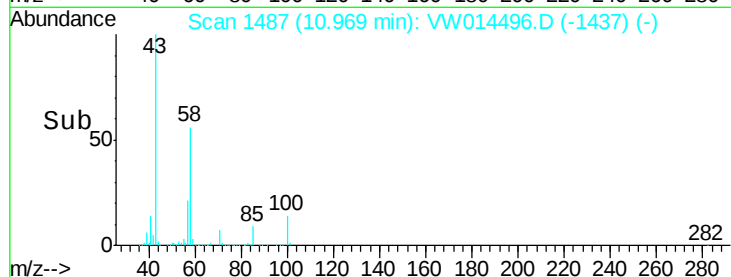
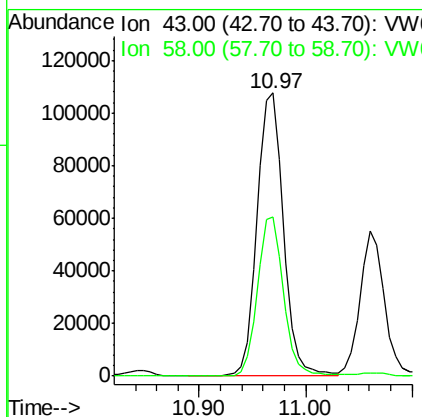
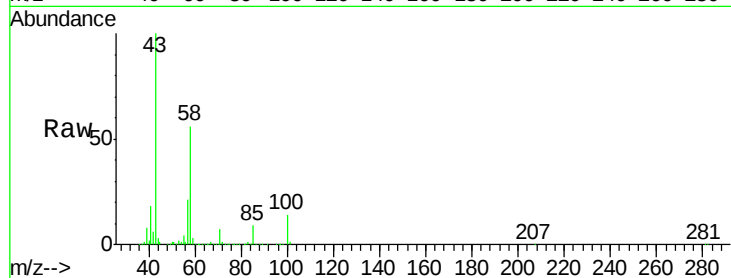
#59
2-Hexanone
Concen: 56.744 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 187878
Ion Ratio Lower Upper
43 100
58 55.4 28.7 86.3

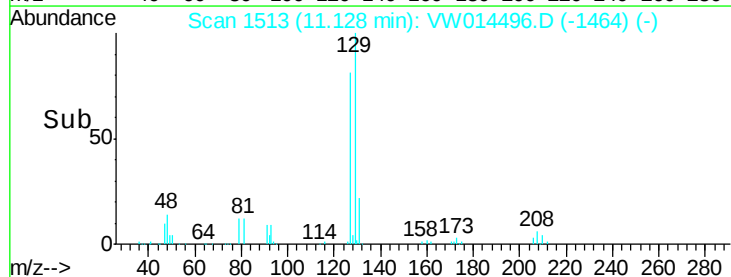
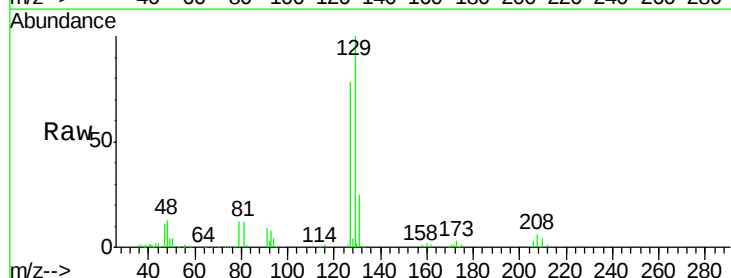
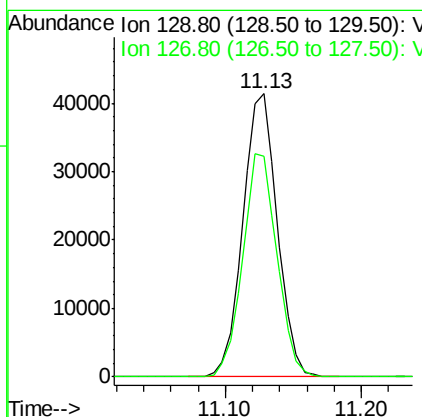
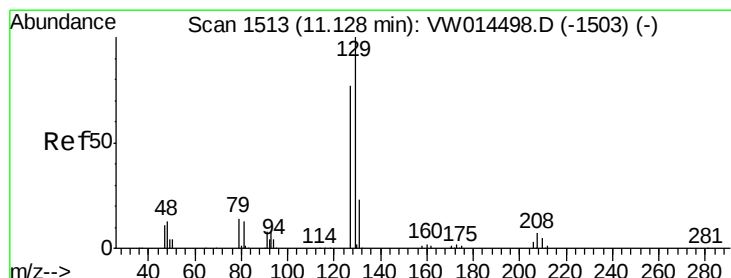
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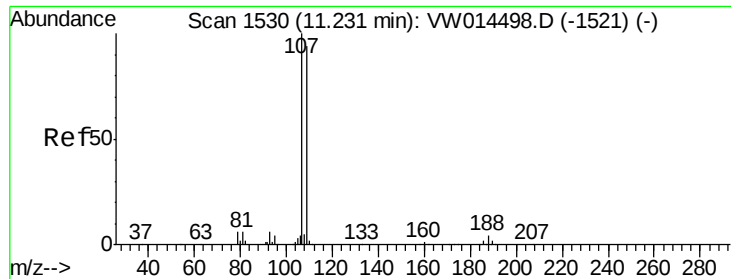
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#60
Dibromochloromethane
Concen: 10.063 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tgt Ion: 129 Resp: 73161
Ion Ratio Lower Upper
129 100
127 78.8 38.1 114.5





#61

1,2-Dibromoethane

Concen: 10.666 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 107 Resp: 62701

Ion Ratio Lower Upper

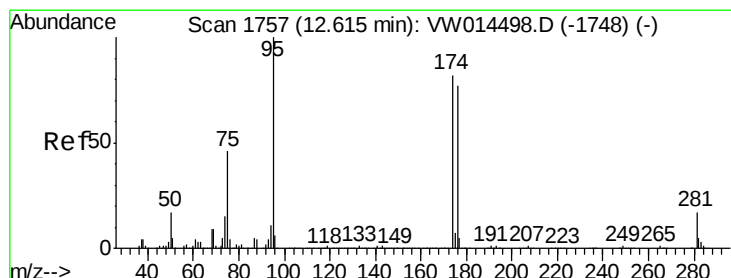
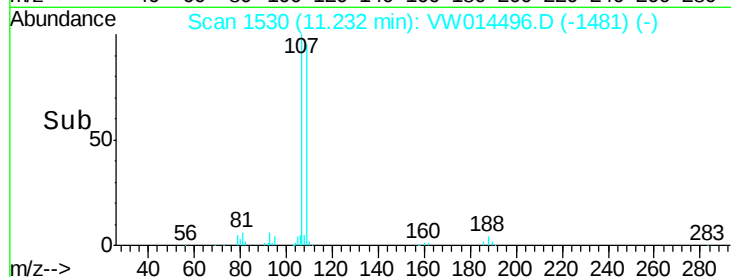
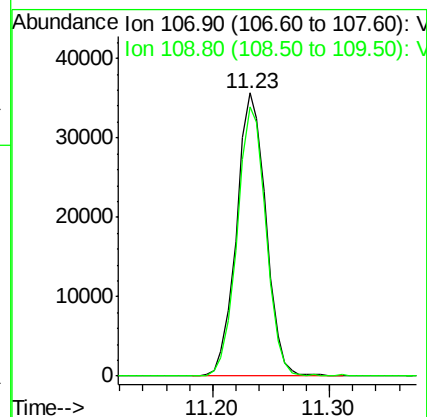
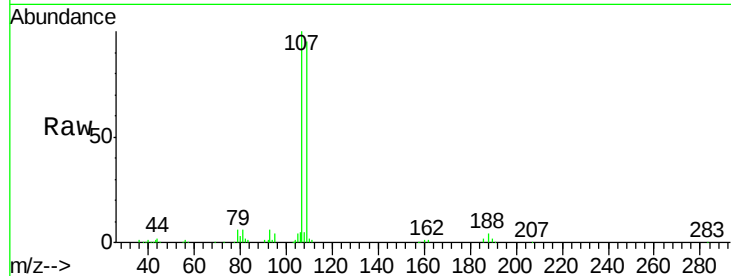
107 100

109 93.3 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 10.247 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

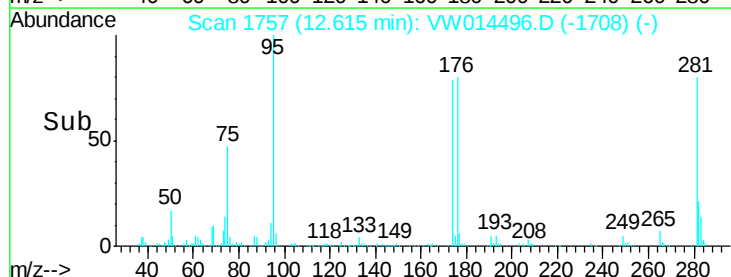
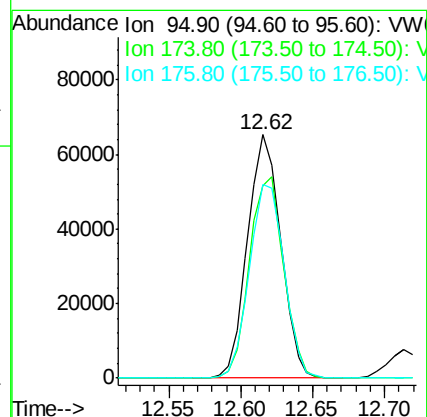
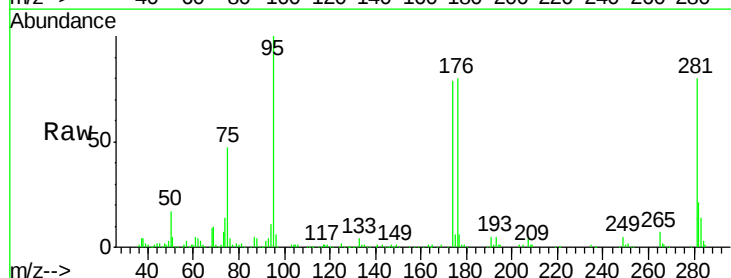
Tgt Ion: 95 Resp: 104711

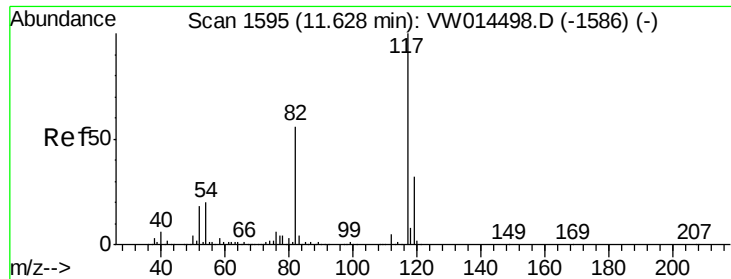
Ion Ratio Lower Upper

95 100

174 84.9 0.0 168.6

176 82.8 0.0 162.0





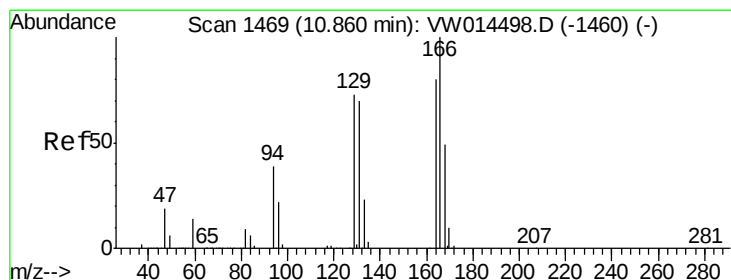
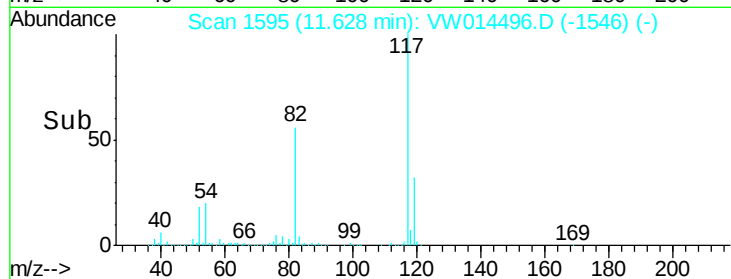
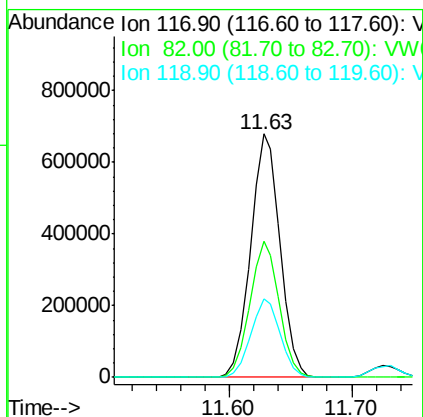
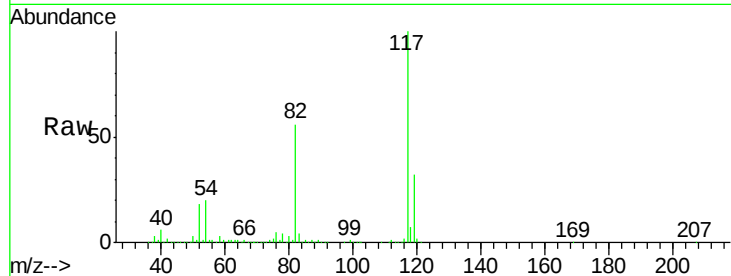
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.6	67.0
119	32.1	25.7	38.5

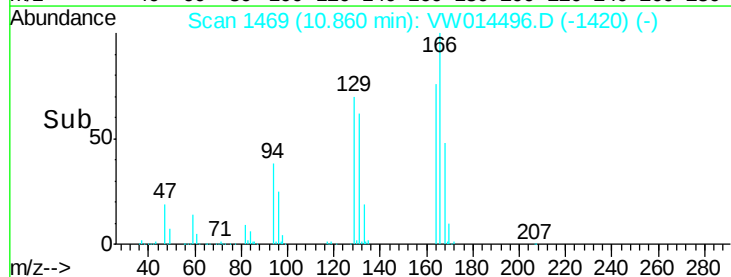
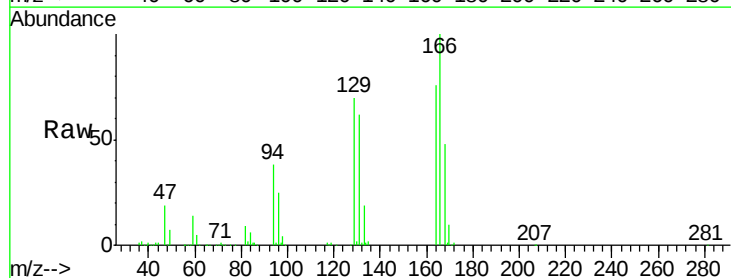
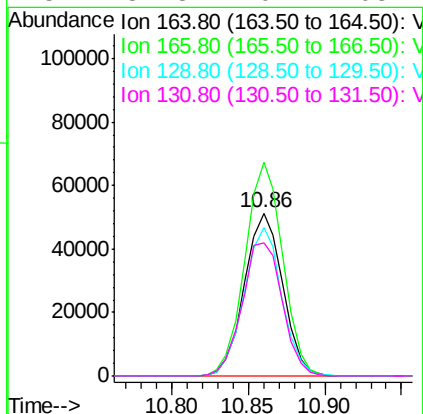
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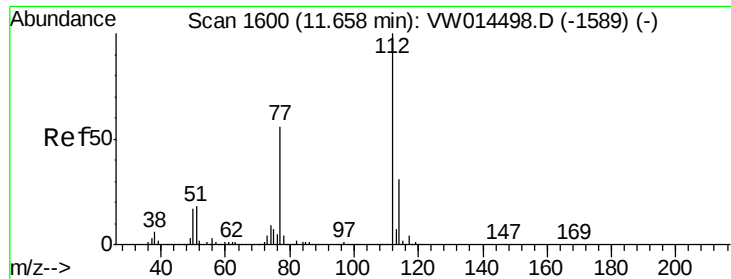
apatel
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#64
Tetrachloroethene
Concen: 10.375 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.4	99.8	149.6
129	91.4	72.4	108.6
131	81.8	70.1	105.1





#65

Chlorobenzene

Concen: 10.685 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:112 Resp: 248665

Ion Ratio Lower Upper

112 100

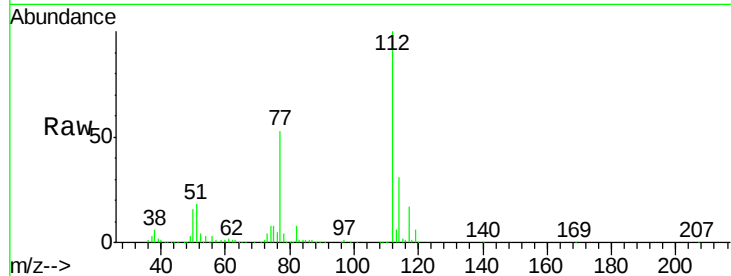
114 31.0 24.6 37.0

Manual Integrations

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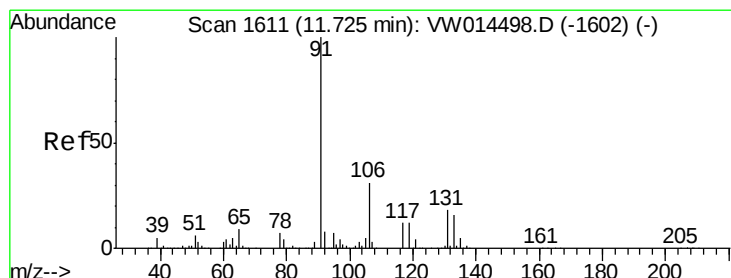
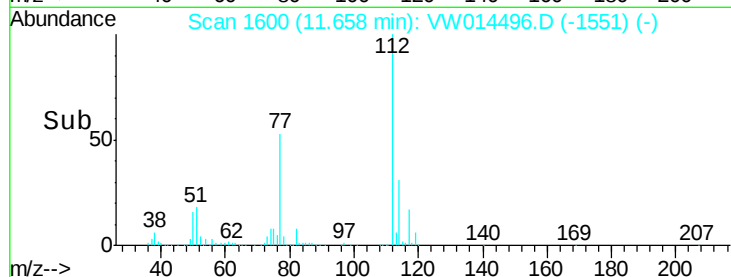
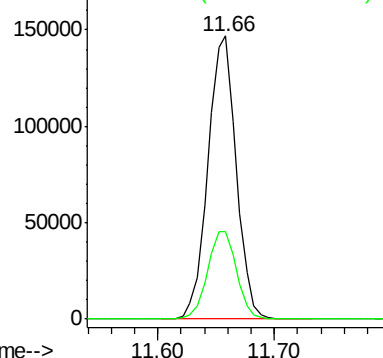
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 10.042 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

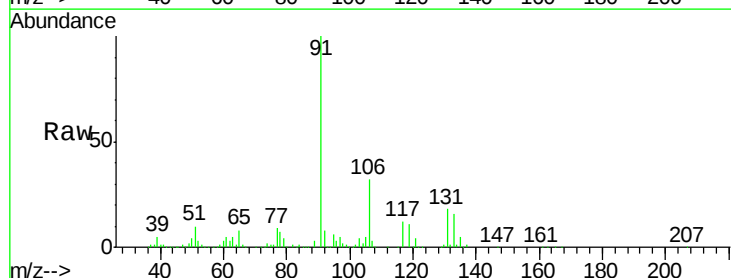
Tgt Ion:131 Resp: 81184

Ion Ratio Lower Upper

131 100

133 95.3 47.3 142.0

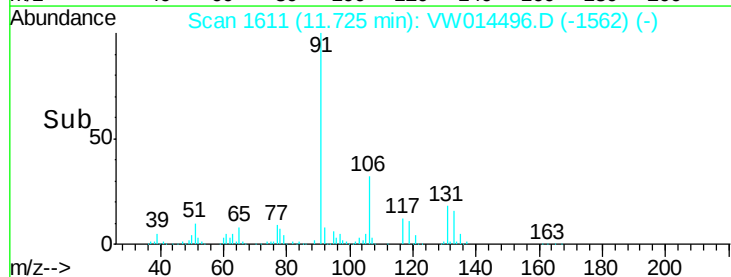
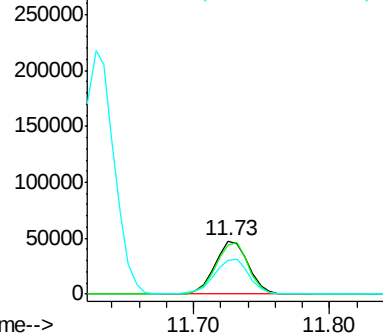
119 67.9 33.1 99.3

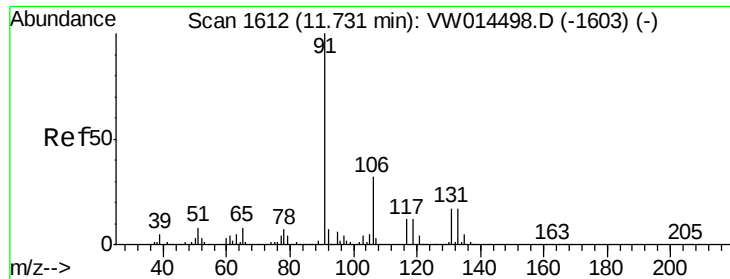


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





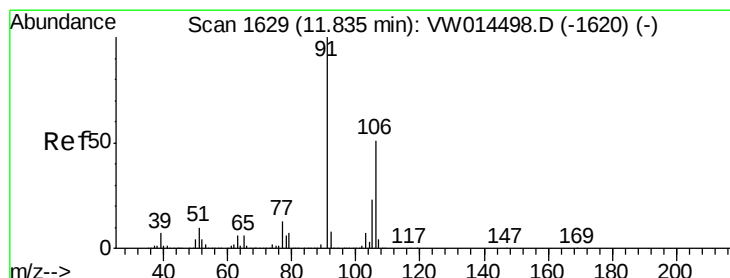
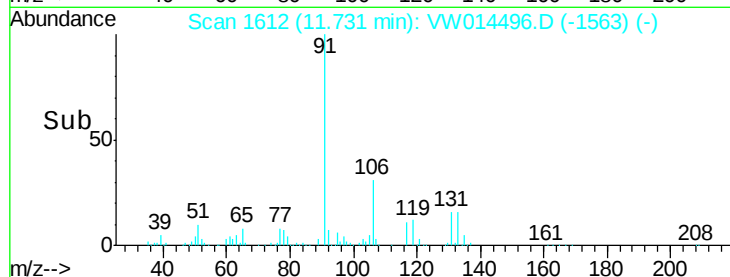
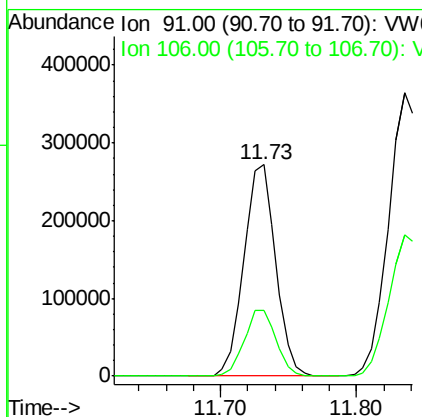
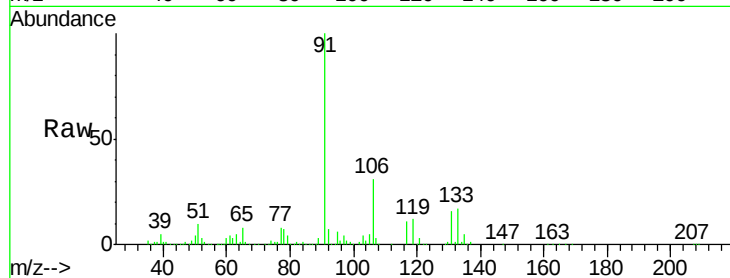
#67
Ethyl Benzene
Concen: 10.618 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 91 Resp: 445401
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3

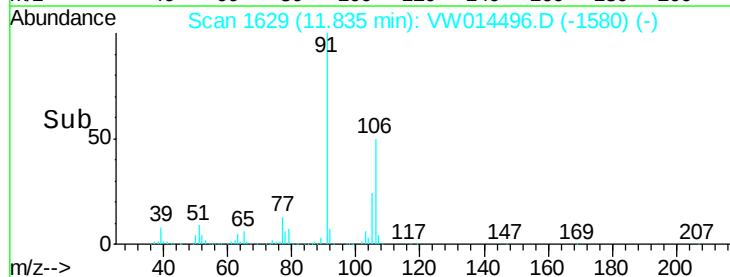
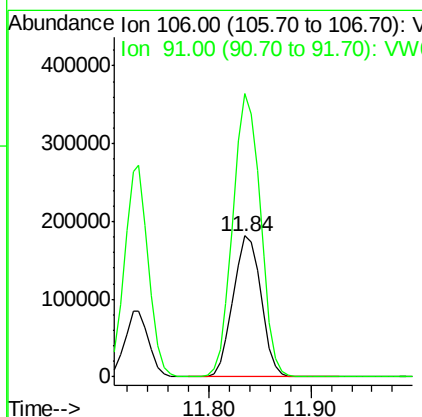
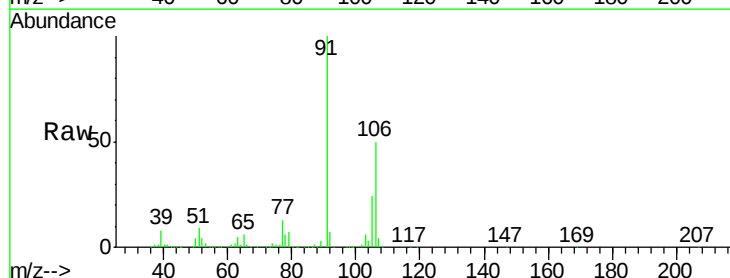
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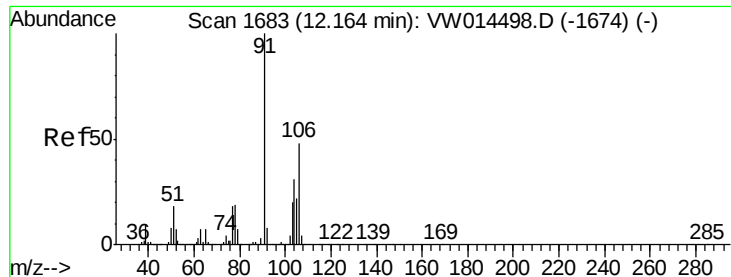
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#68
m/p-Xylenes
Concen: 21.181 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tgt Ion: 106 Resp: 342936
Ion Ratio Lower Upper
106 100
91 198.5 159.0 238.6





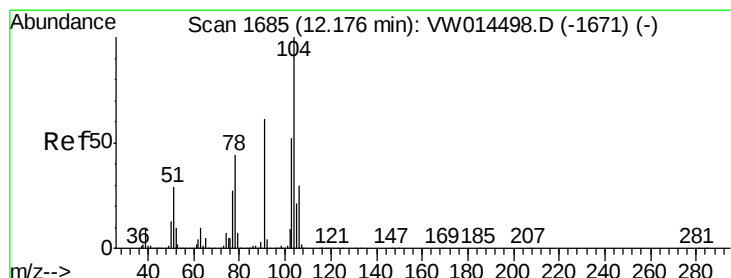
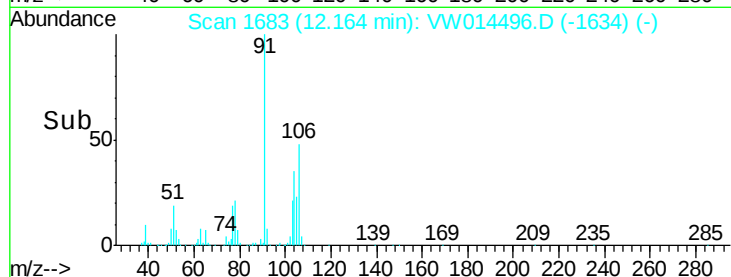
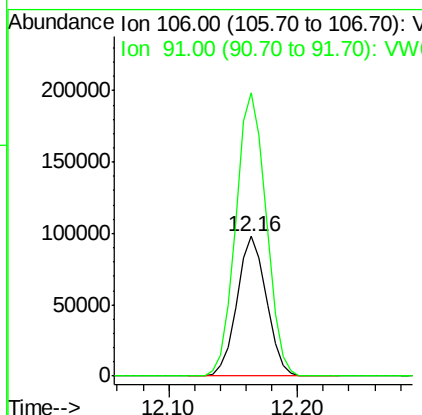
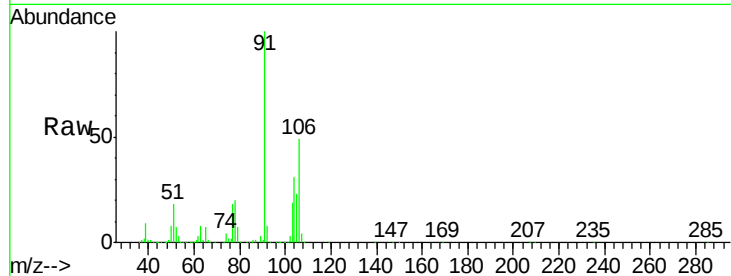
#69
o-Xylene
Concen: 10.422 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		155115		
91	208.8	105.2	315.6		

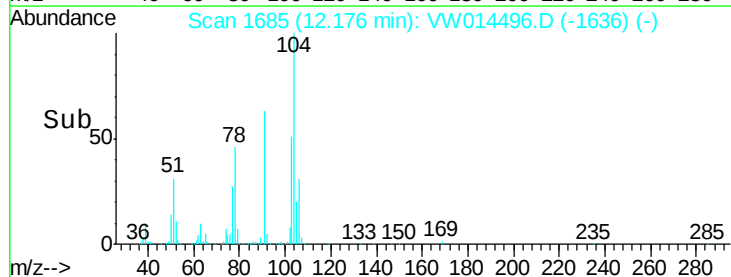
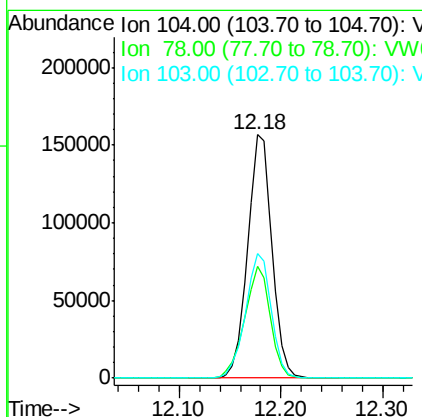
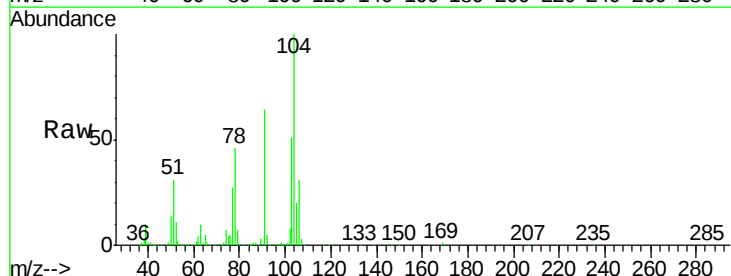
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#70
Styrene
Concen: 10.243 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		261350		
78	48.4	38.4	57.6		
103	54.3	43.7	65.5		





#71

Bromoform

Concen: 10.008 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion:173 Resp: 43105

Ion Ratio Lower Upper

173 100

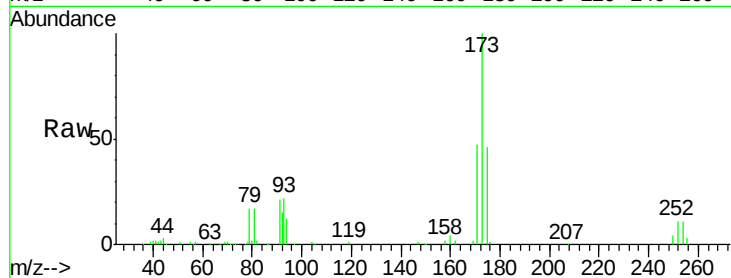
175 48.7 24.5 73.5

254 0.1 0.0 0.0#

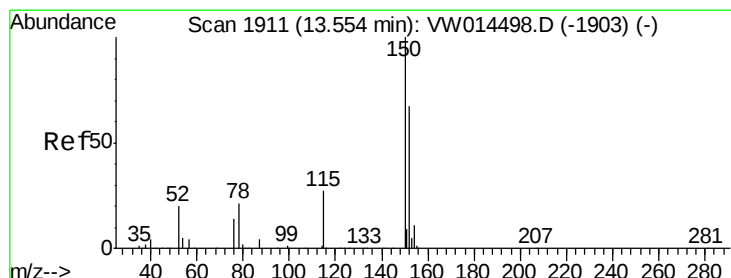
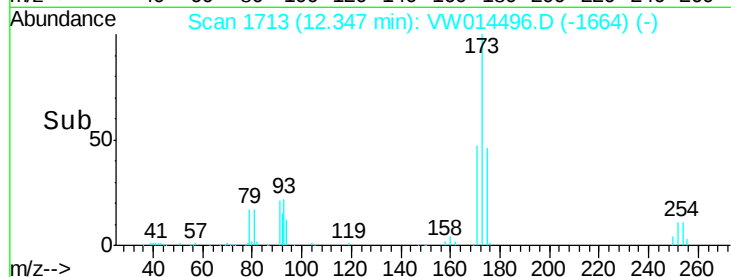
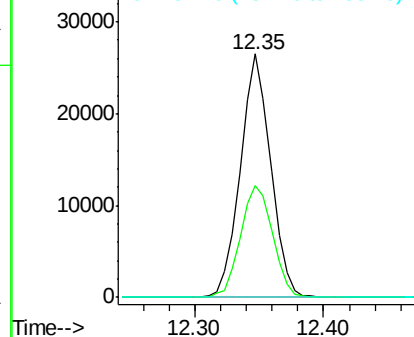
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

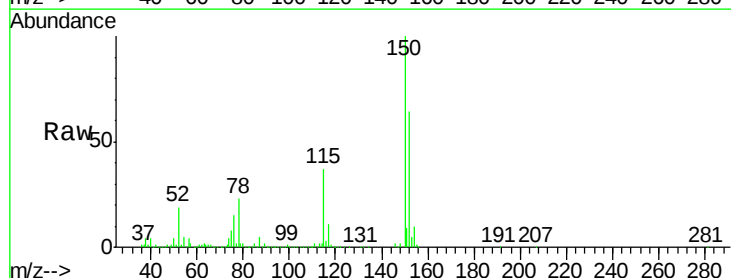
Tgt Ion:152 Resp: 556472

Ion Ratio Lower Upper

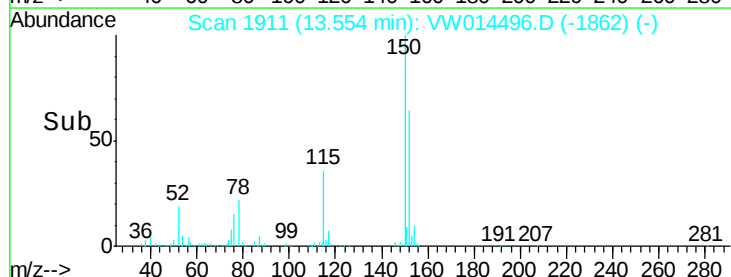
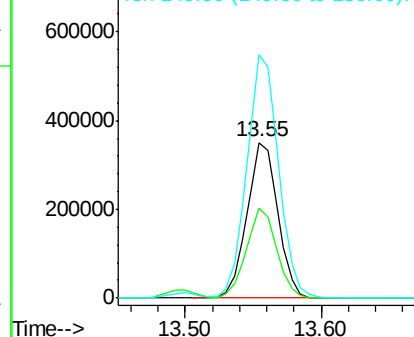
152 100

115 56.6 27.7 83.1

150 160.8 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.692 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 427948

Ion Ratio Lower Upper

105 100

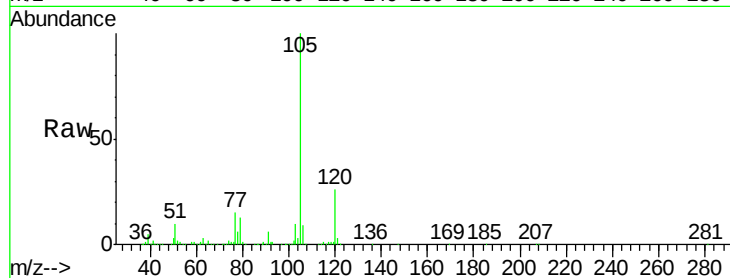
120 26.3 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

250000

200000

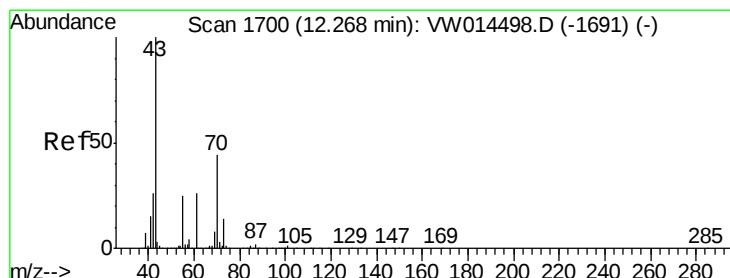
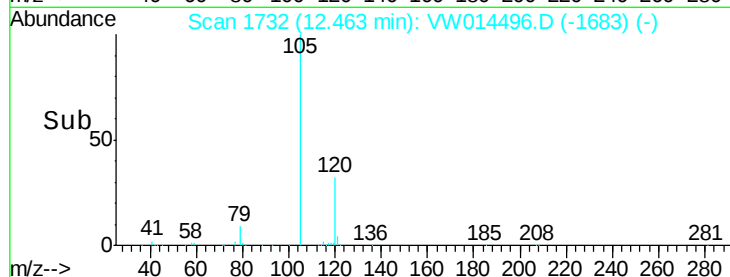
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 11.077 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Tgt Ion: 43 Resp: 89653

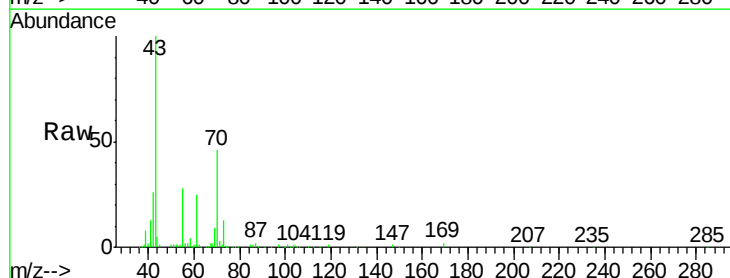
Ion Ratio Lower Upper

43 100

70 45.4 36.5 54.7

55 28.4 20.9 31.3

61 24.5 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

12.27

80000

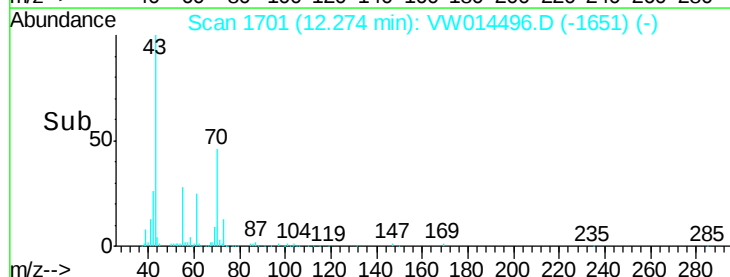
60000

40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 11.598 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

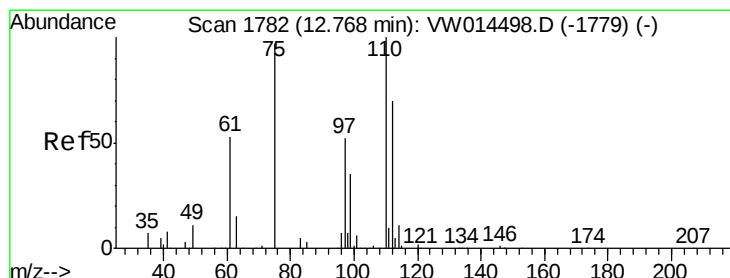
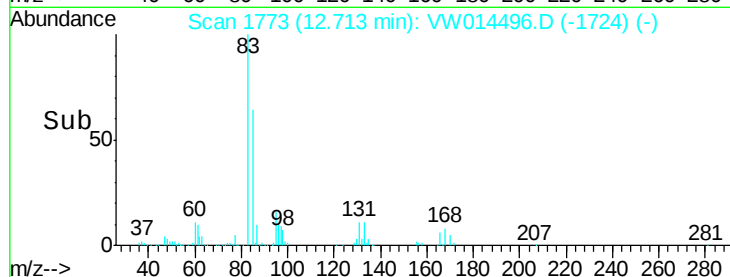
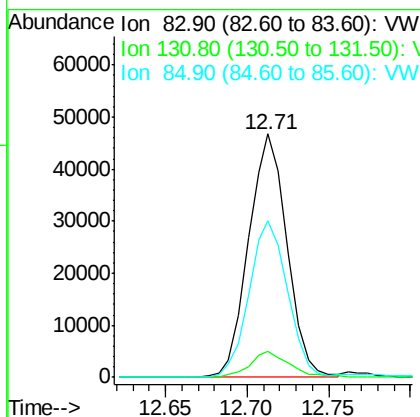
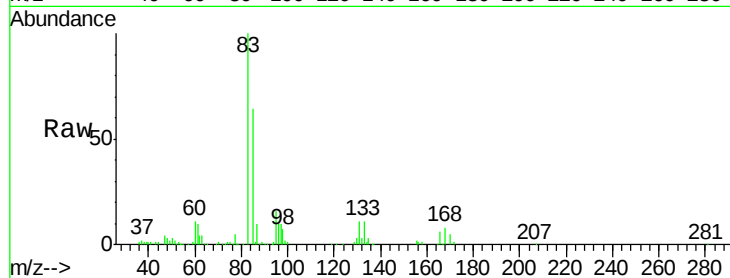
ClientSampled :

VSTDIC010

Tot Ion:	83	Resp:	76209
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.4
85	64.6	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 10.897 ug/l m

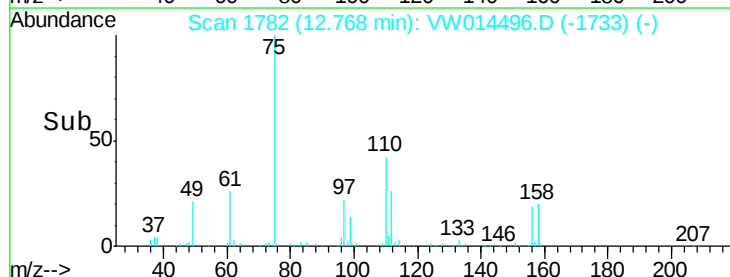
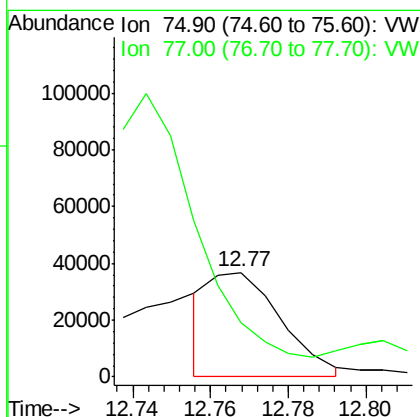
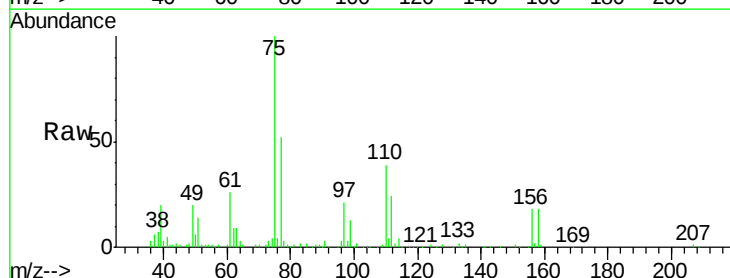
RT: 12.77 min Scan# 1782

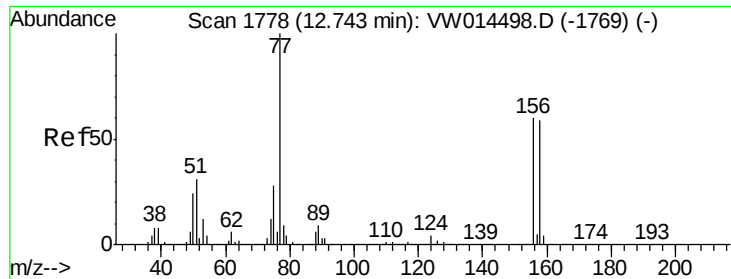
Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Tgt Ion:	75	Resp:	47249
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.575 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

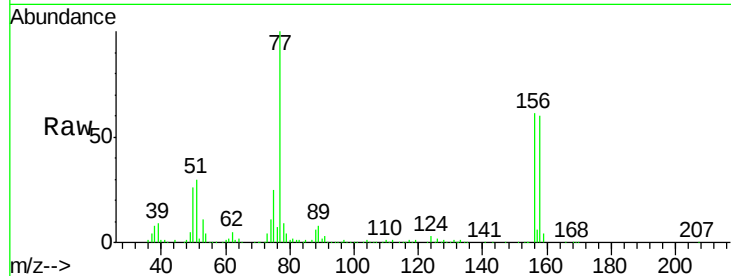
ClientSampled :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	181.1	92.3	277.1
158	95.7	48.6	145.9

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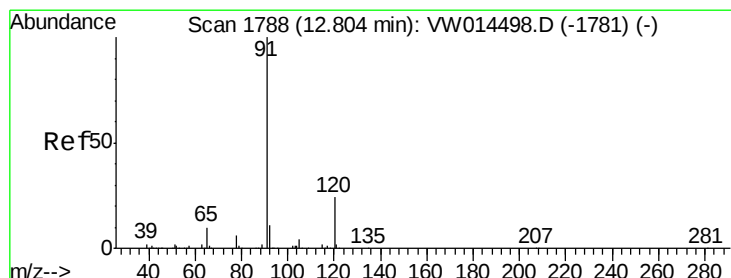
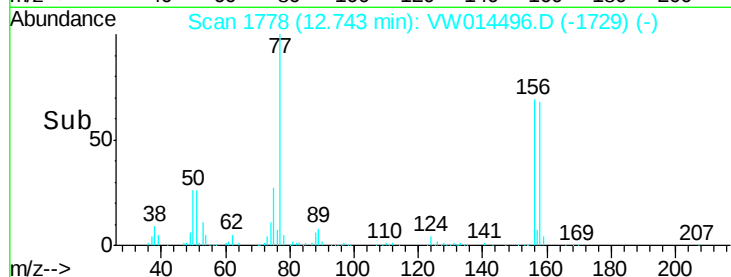
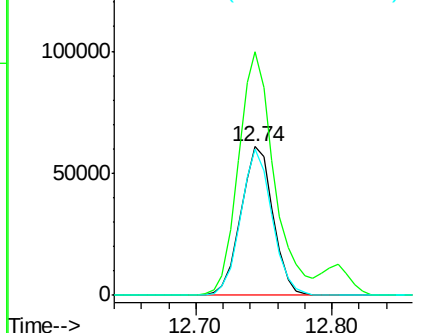
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.898 ug/l

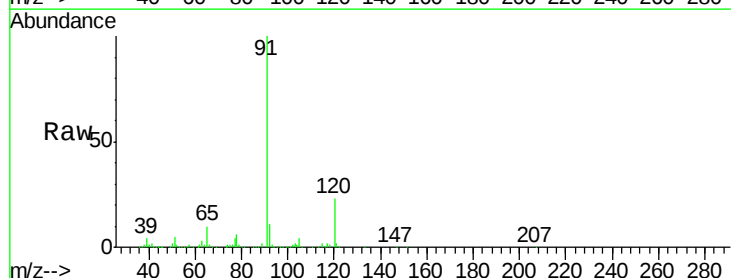
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW014496.D

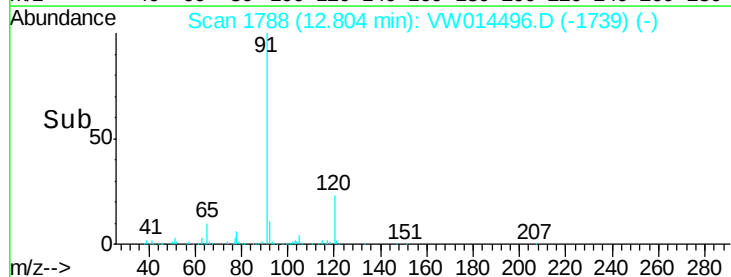
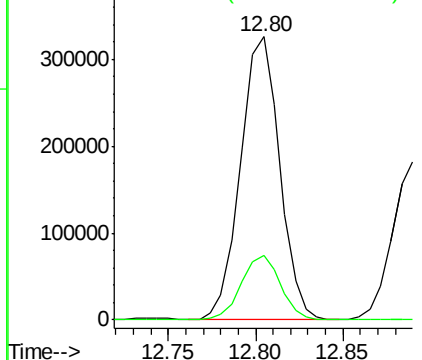
Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 11.131 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 91 Resp: 290709

Ion Ratio Lower Upper

91 100

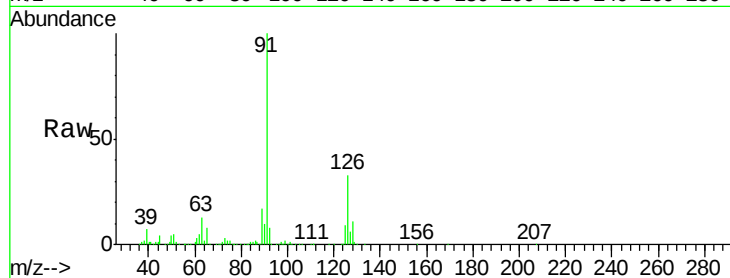
126 33.4 17.1 51.2

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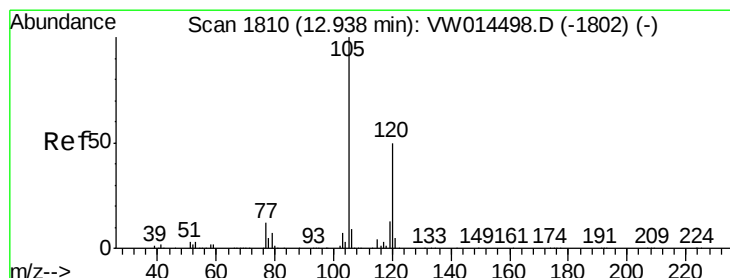
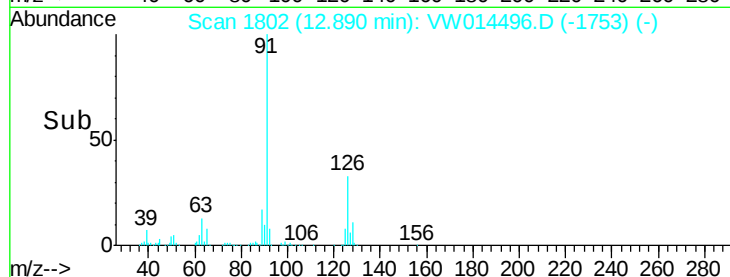
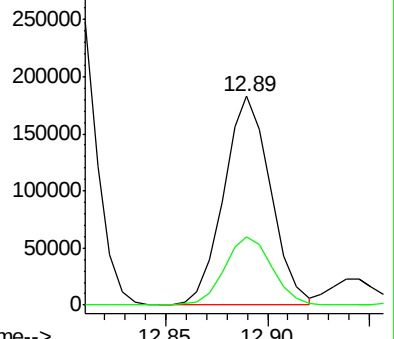
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.774 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW014496.D

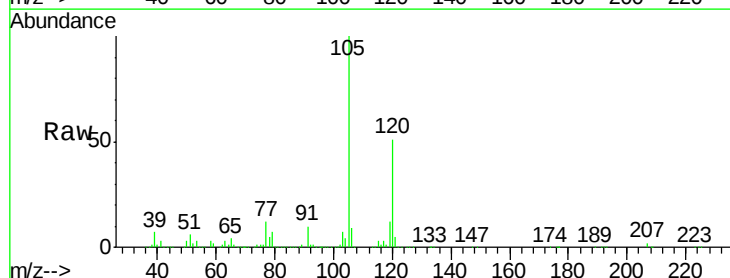
Acq: 03 Jan 2020 13:55

Tgt Ion: 105 Resp: 362815

Ion Ratio Lower Upper

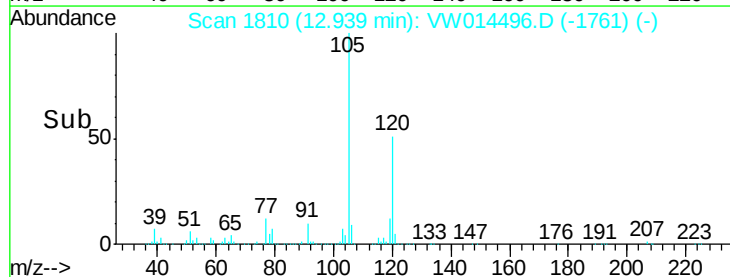
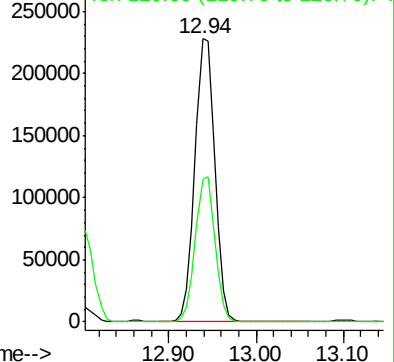
105 100

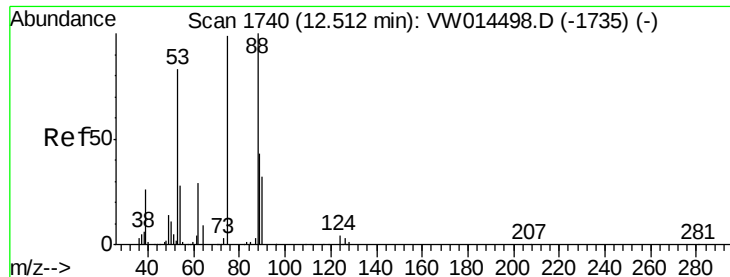
120 50.6 25.2 75.6



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: 10.639 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

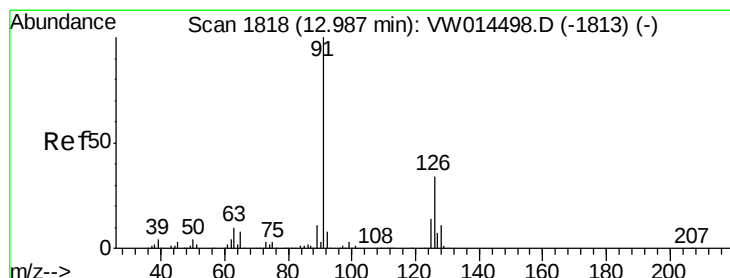
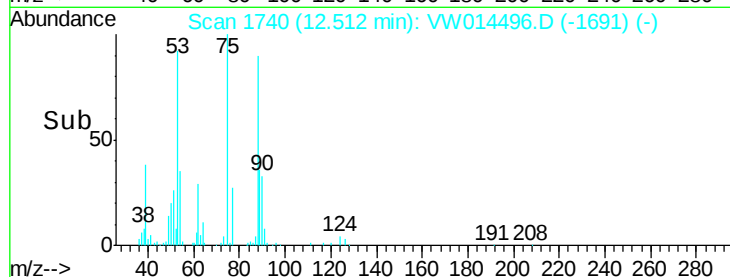
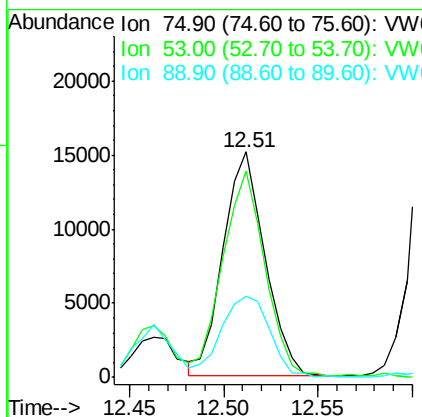
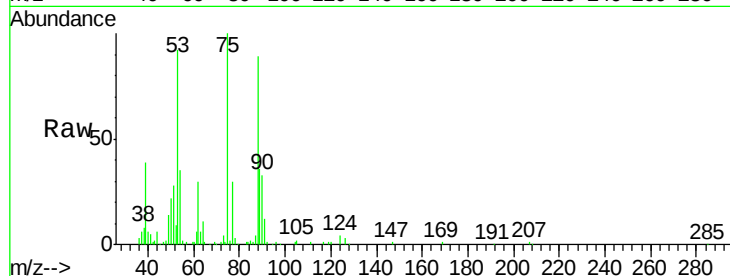
ClientSampled :

VSTDIC010

Tot Ion:	75	Resp:	23405
Ion	Ratio	Lower	Upper
75	100		
53	91.4	70.9	106.3
89	42.6	35.8	53.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 10.956 ug/l

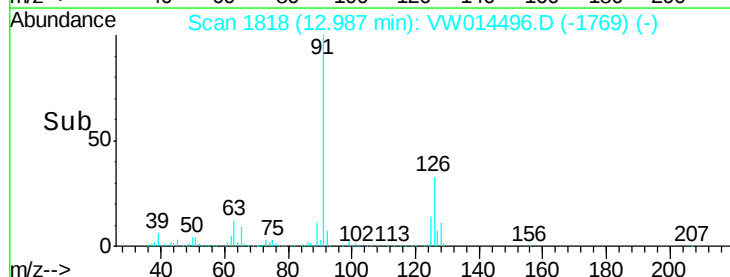
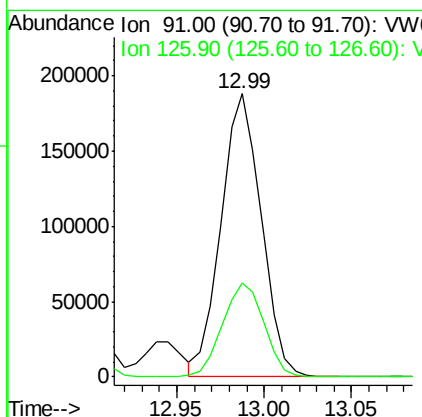
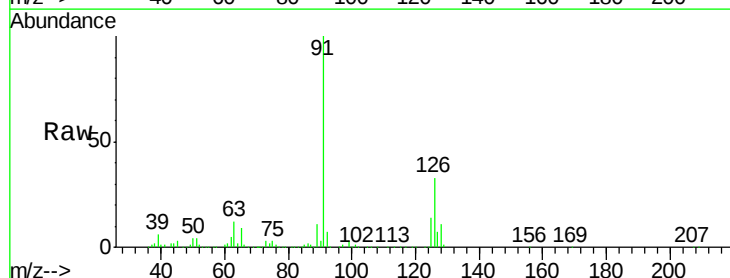
RT: 12.99 min Scan# 1818

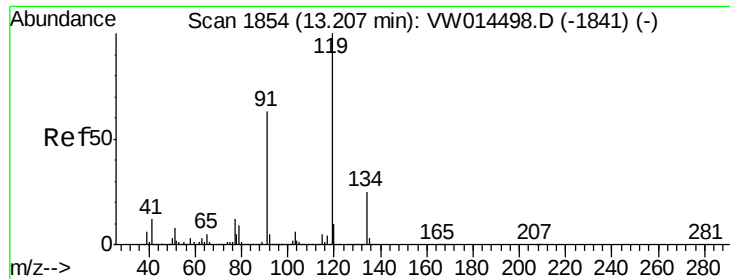
Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Tgt Ion:	91	Resp:	299356
Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.1	51.2





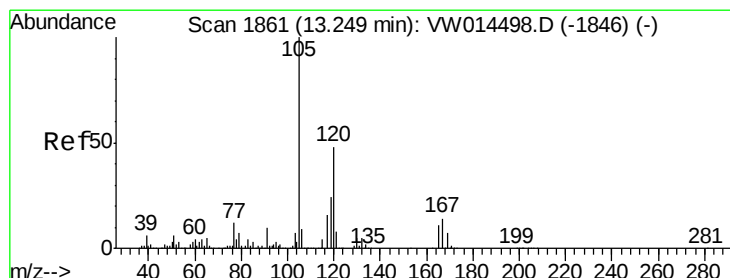
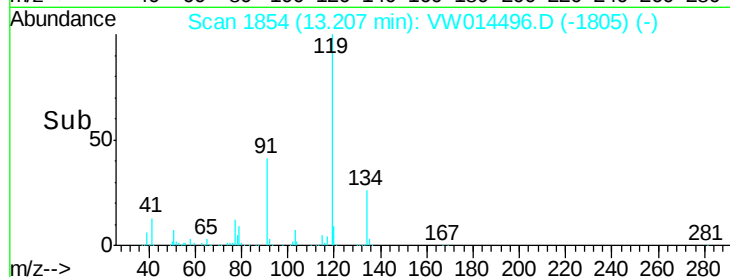
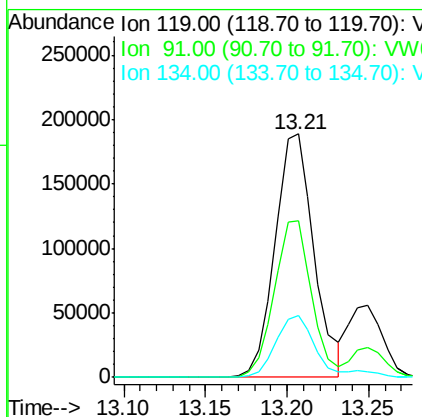
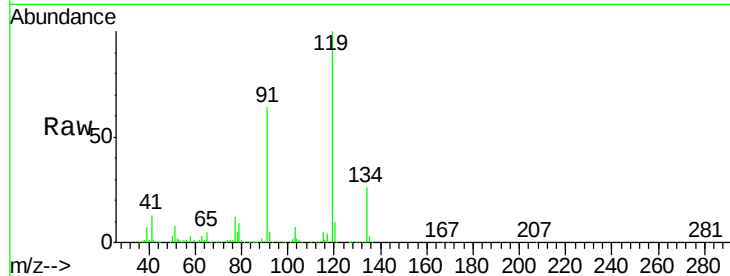
#83
tert-Butylbenzene
Concen: 10.494 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.9	31.1	93.3
134	27.1	13.5	40.5

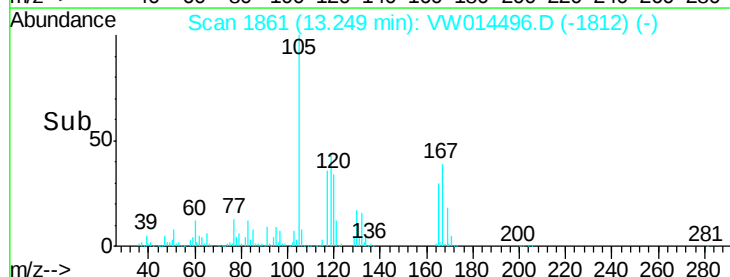
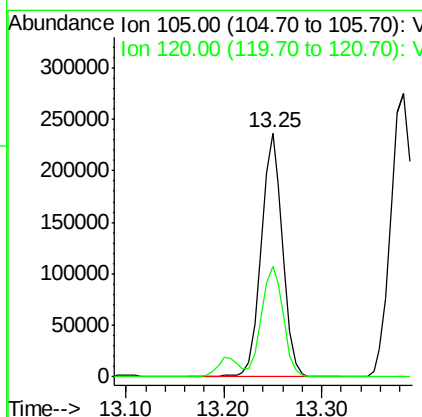
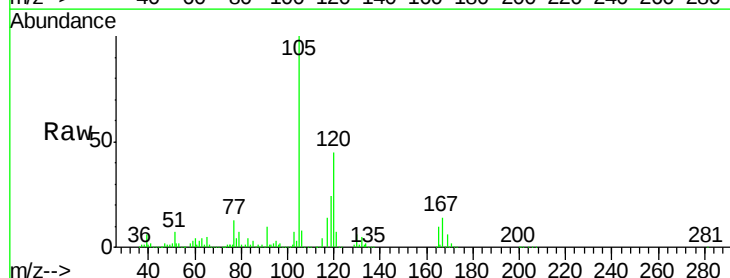
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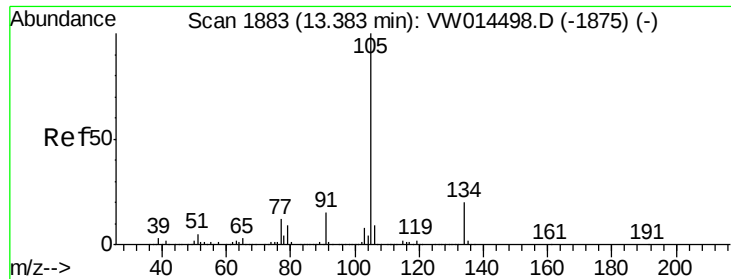
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#84
1,2,4-Trimethylbenzene
Concen: 10.749 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.4	70.0





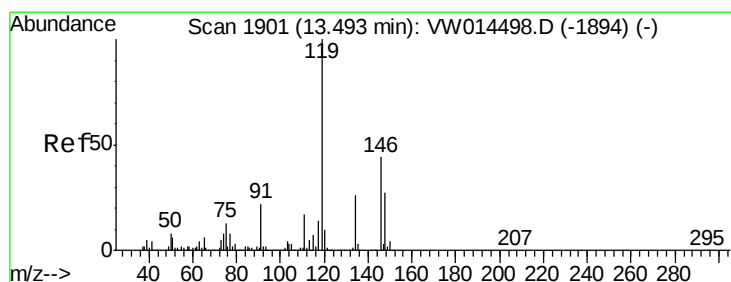
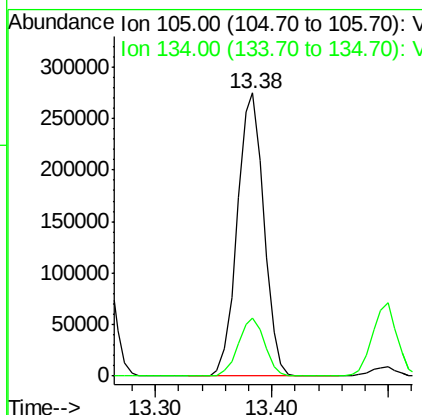
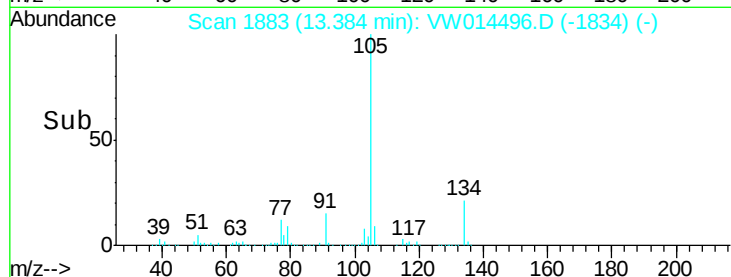
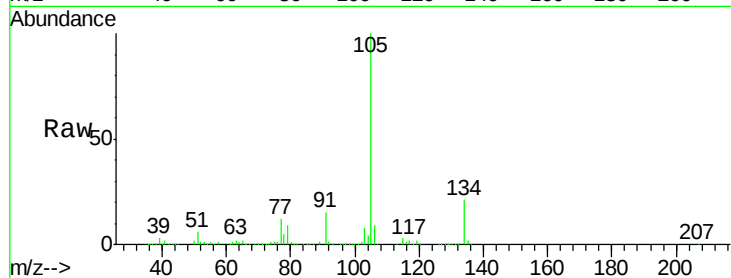
#85
 sec-Butylbenzene
 Concen: 10.656 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.2	30.6

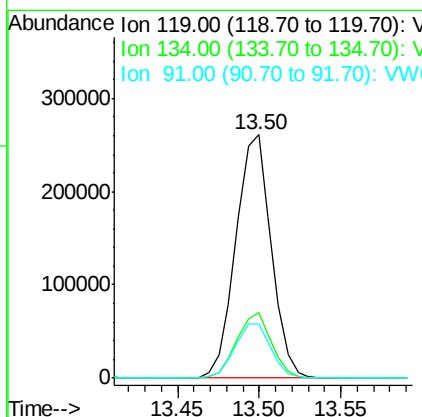
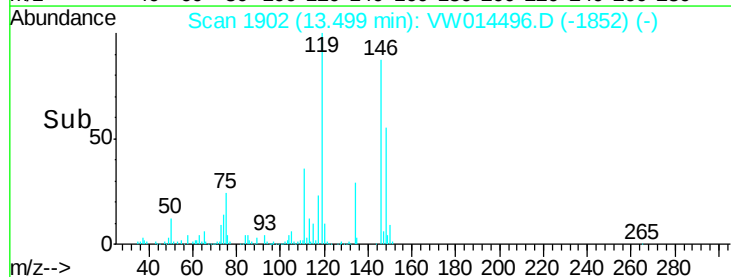
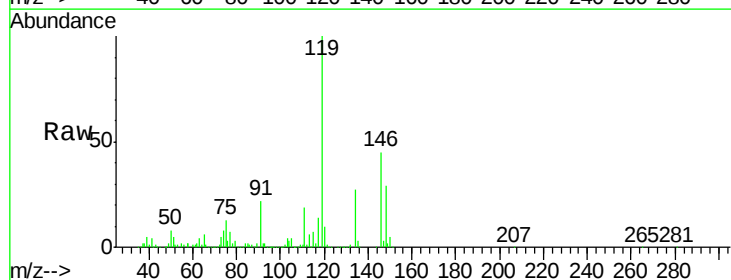
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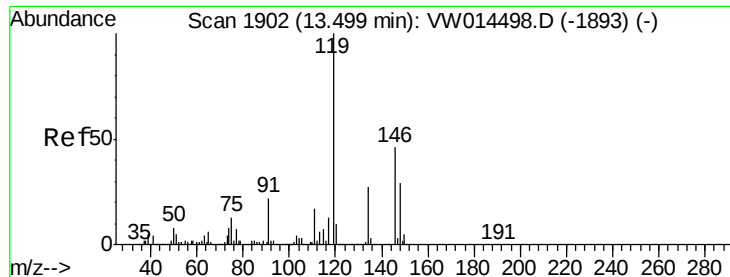
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#86
 p-Isopropyltoluene
 Concen: 10.377 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.2	39.5
91	22.7	11.1	33.3





#87

1,3-Dichlorobenzene

Concen: 10.426 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

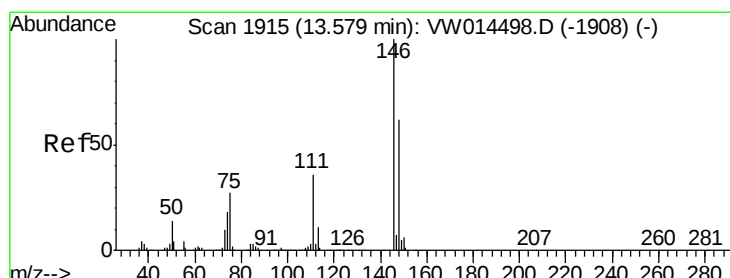
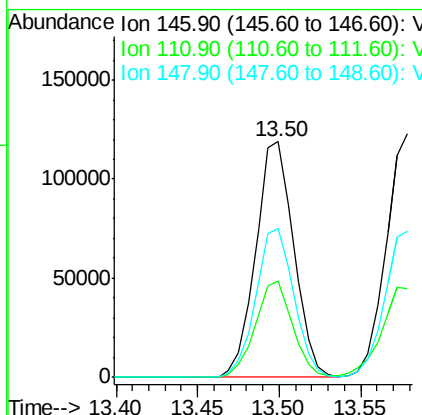
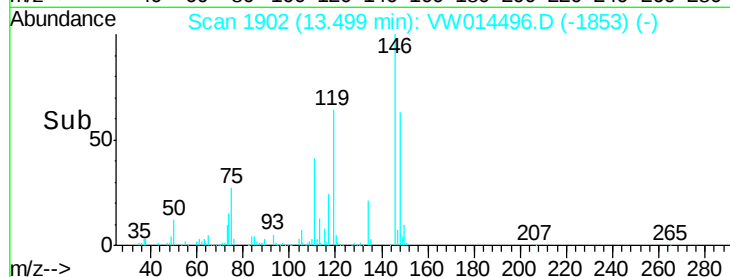
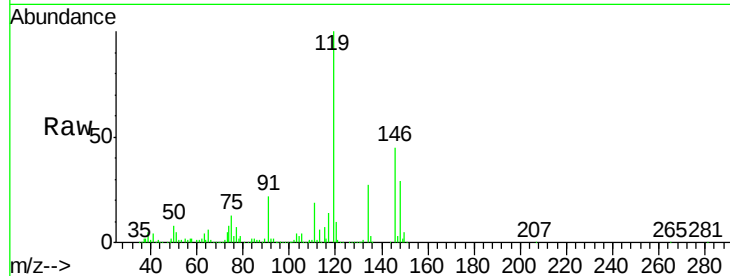
Instrument :
MSVOA_W

ClientSampled :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
146	100	192200		
111	39.9	19.3	57.9	
148	63.2	31.8	95.4	

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#88

1,4-Dichlorobenzene

Concen: 10.560 ug/l

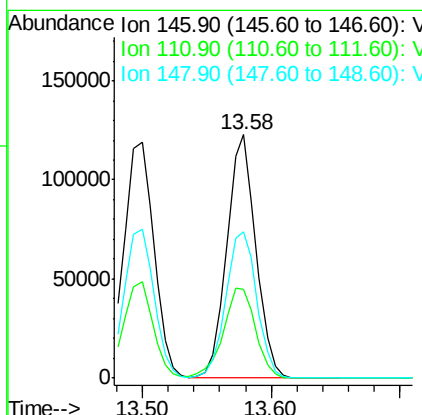
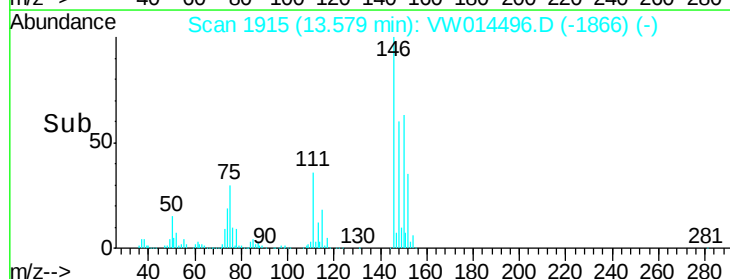
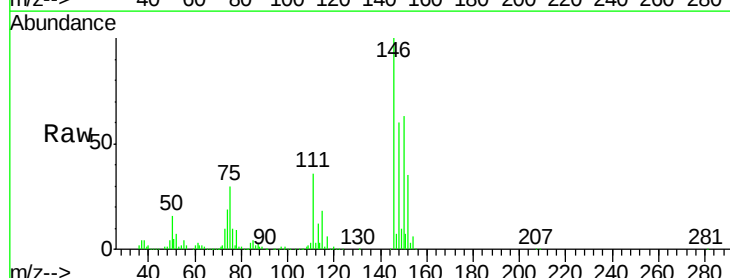
RT: 13.58 min Scan# 1915

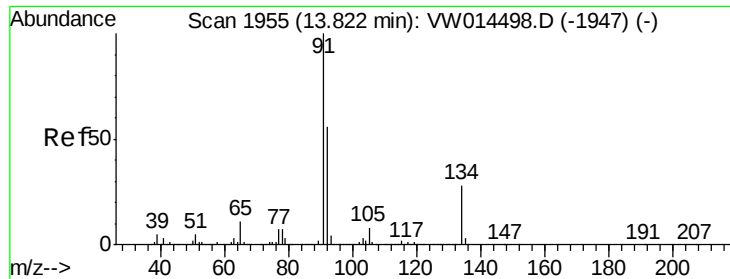
Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	193773		
111	41.2	18.7	56.1	
148	64.1	31.7	95.1	





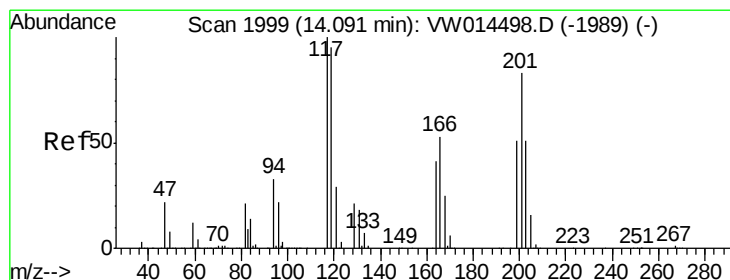
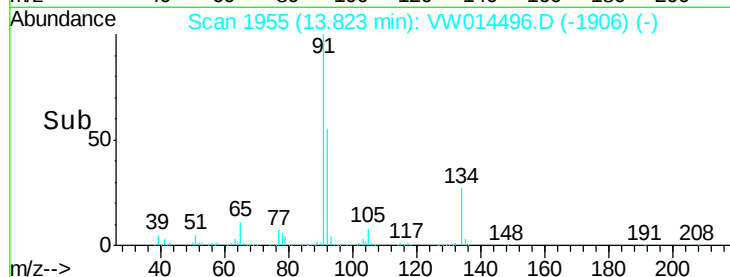
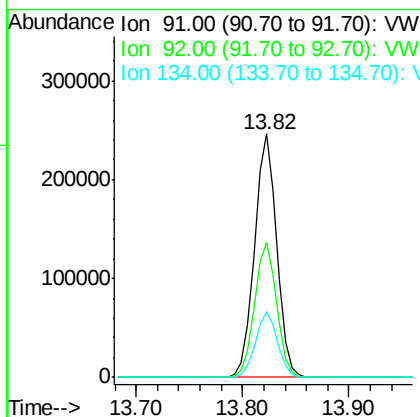
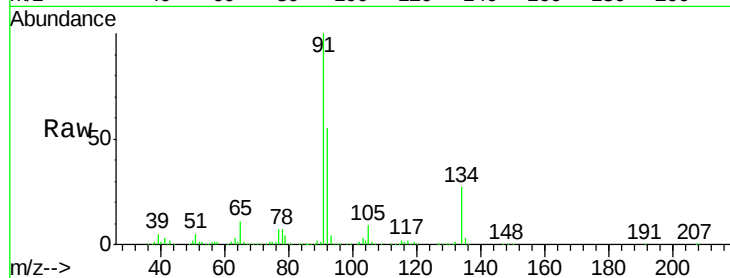
#89
n-Butylbenzene
Concen: 10.427 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.5	82.5
134	26.8	13.7	41.1

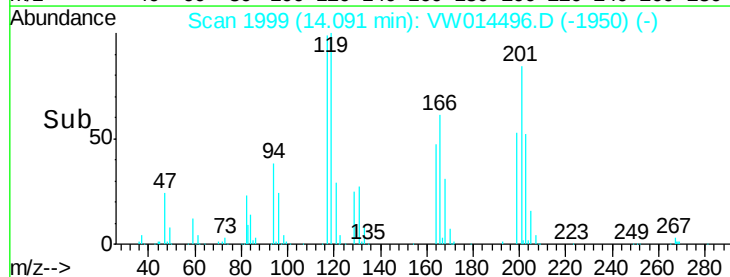
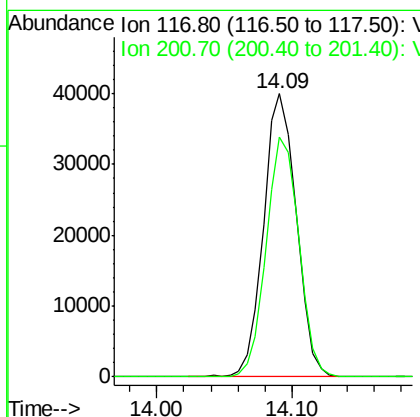
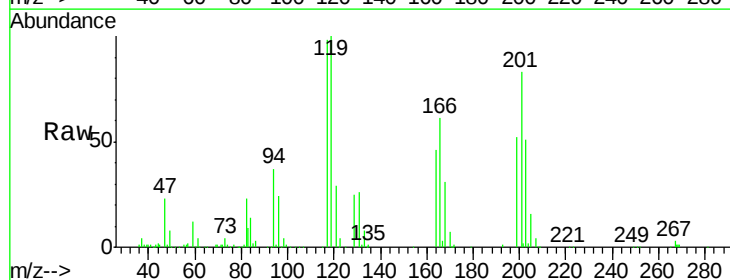
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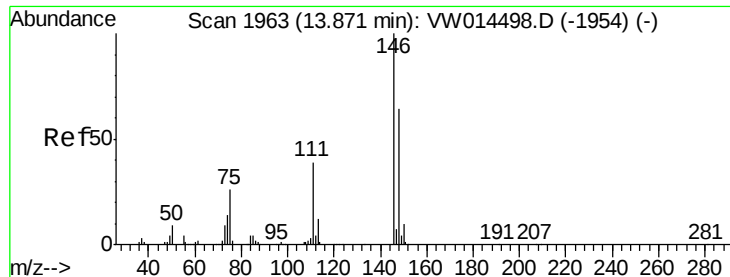
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#90
Hexachloroethane
Concen: 10.272 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW014496.D
Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.3	43.0	128.8





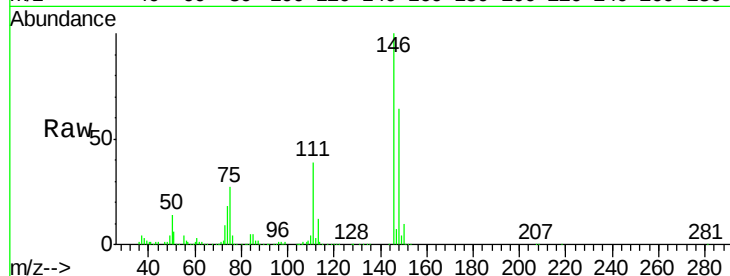
#91
 1,2-Dichlorobenzene
 Concen: 10.696 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

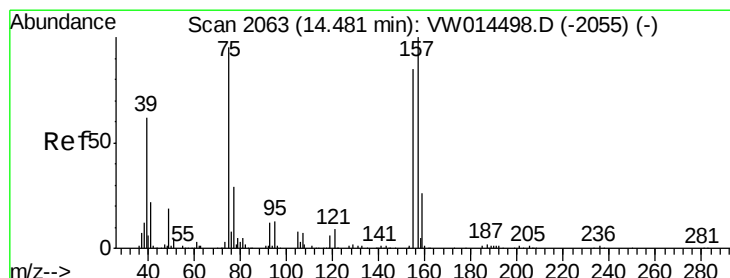
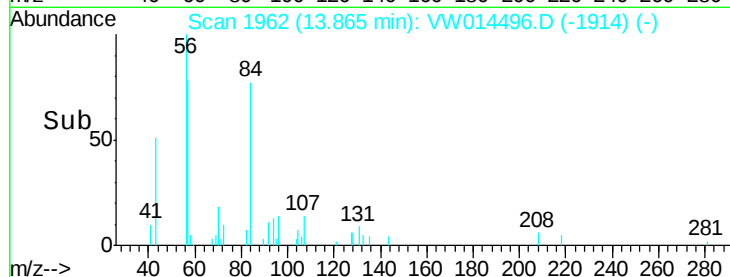
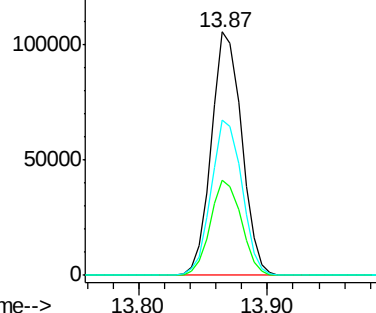
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.4	61.3
148	64.6	32.3	96.8

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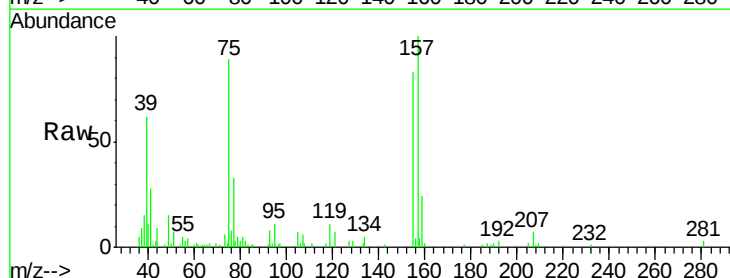


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

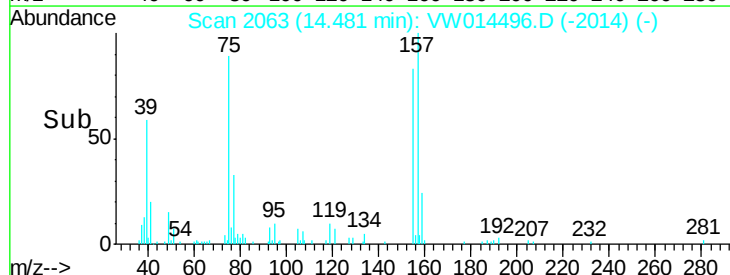
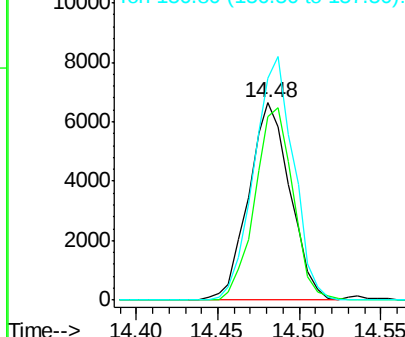


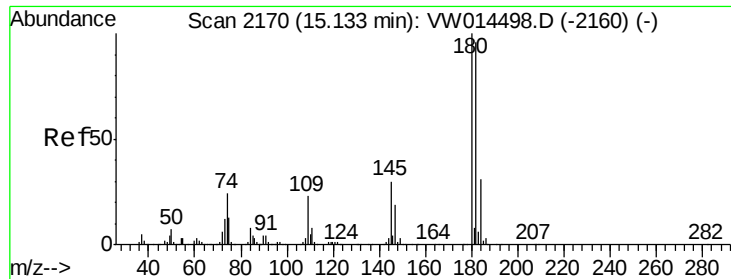
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.647 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	45.8	137.4
157	117.5	58.1	174.2



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





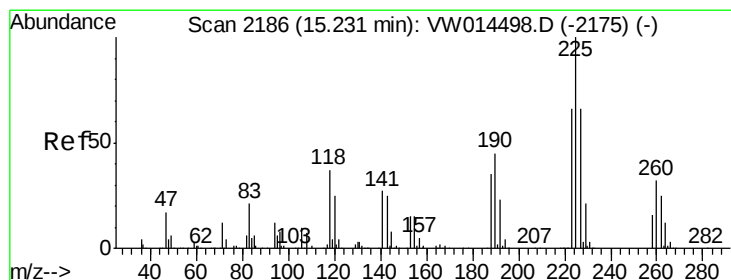
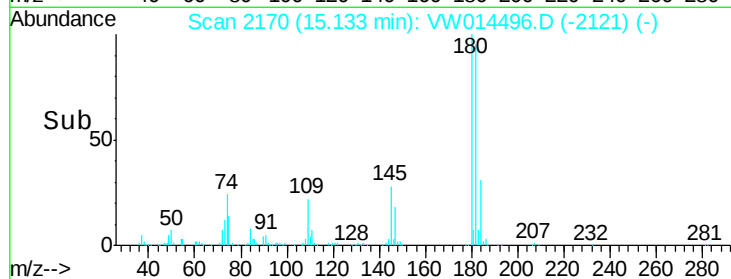
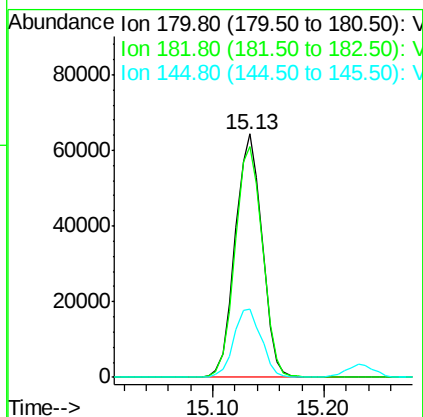
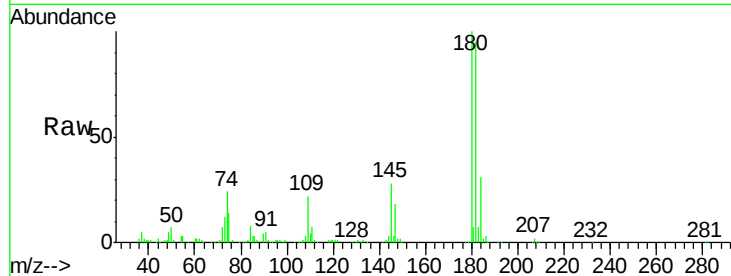
#93
 1,2,4-Trichlorobenzene
 Concen: 9.235 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	107173		
182	96.8	47.3	141.8	
145	28.8	14.7	44.1	

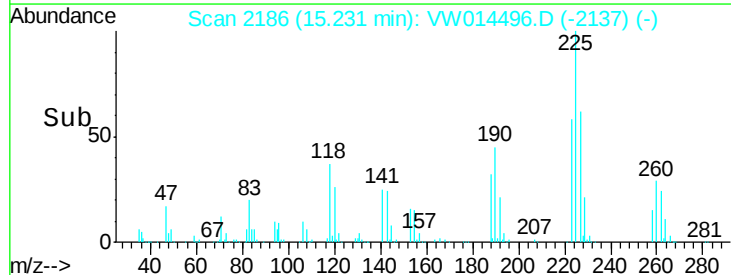
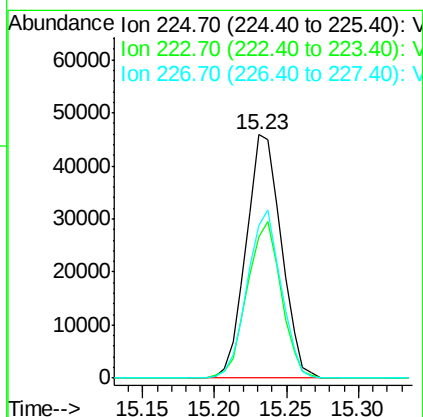
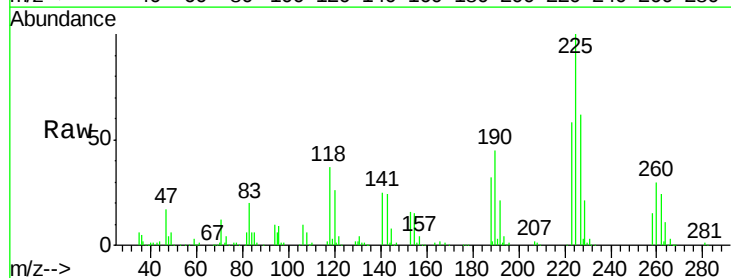
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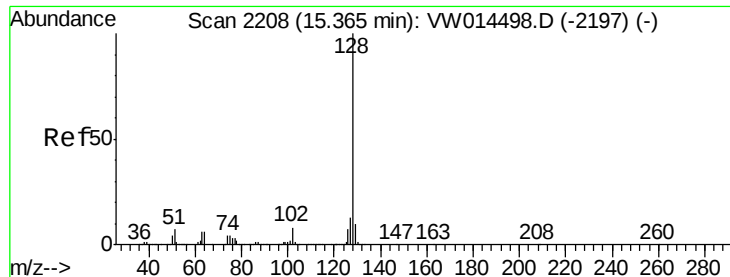
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#94
 Hexachlorobutadiene
 Concen: 9.951 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW014496.D
 Acq: 03 Jan 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	77483		
223	62.1	32.4	97.2	
227	66.0	32.6	97.8	





#95

Naphthalene

Concen: 9.039 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Instrument :

MSVOA_W

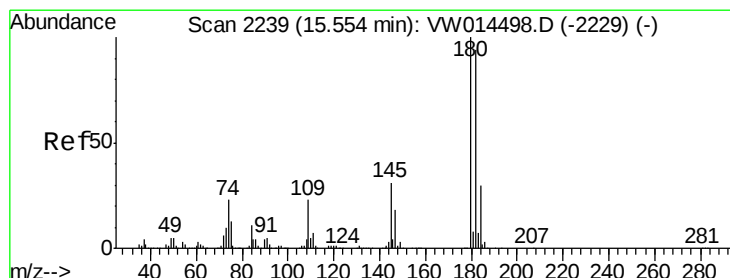
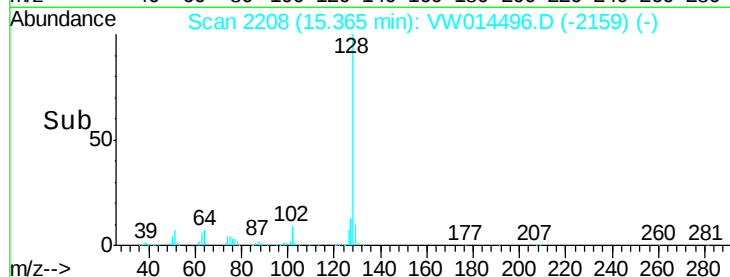
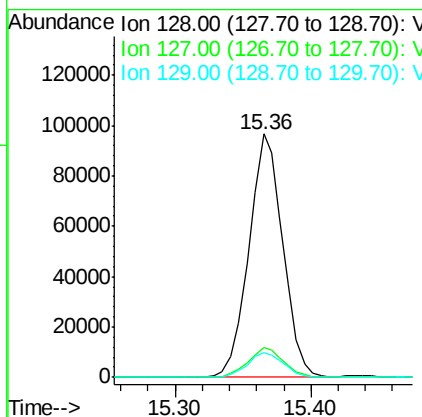
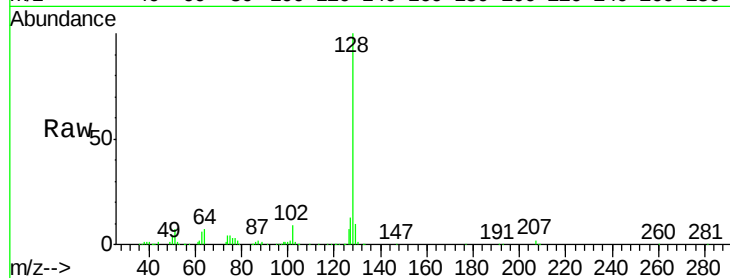
ClientSampleId :

VSTDIC010

Tot Ion:	128	Resp:	168839
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
1/6/2020 10:43:11 AM



#96

1,2,3-Trichlorobenzene

Concen: 9.342 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW014496.D

Acq: 03 Jan 2020 13:55

Tgt Ion:	180	Resp:	93748
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.4	142.2
145	30.7	15.5	46.5

