

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
 Data File : VW014554.D
 Acq On : 08 Jan 2020 12:02
 Operator : SY/VA
 Sample : VW0108SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0108SBS01

Manual Integrations
 APPROVED

apatel
 1/9/2020 9:29:01 AM

Quant Time: Jan 08 13:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	740795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1134323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	984283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	478274	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	316538	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
35) Dibromofluoromethane	7.88	113	315979	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	10.32	98	1316945	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.62	95	448777	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	80494	19.245	ug/l	98
3) Chloromethane	2.21	50	107155	20.930	ug/l	96
4) Vinyl Chloride	2.35	62	154315	20.493	ug/l	100
5) Bromomethane	2.76	94	99431	21.375	ug/l	99
6) Chloroethane	2.92	64	89577	20.868	ug/l	99
7) Trichlorofluoromethane	3.25	101	66528	17.658	ug/l	98
8) Diethyl Ether	3.68	74	77412	20.650	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	139392	19.801	ug/l	99
10) Methyl Iodide	4.27	142	218813	20.601	ug/l	100
11) Tert butyl alcohol	5.15	59	49963	84.904	ug/l	100
12) 1,1-Dichloroethene	4.04	96	145589	19.749	ug/l	97
13) Acrolein	3.89	56	49280	87.174	ug/l	99
14) Allyl chloride	4.66	41	227862	20.226	ug/l	99
15) Acrylonitrile	5.36	53	163190	95.238	ug/l	99
16) Acetone	4.12	43	163110	89.187	ug/l	96
17) Carbon Disulfide	4.38	76	434887	19.573	ug/l	97
18) Methyl Acetate	4.67	43	86348	19.549	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	192512	21.037	ug/l	95
20) Methylene Chloride	4.92	84	173259	20.782	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	161507	20.633	ug/l	99
22) Diisopropyl ether	6.31	45	450956	21.386	ug/l	98
23) Vinyl Acetate	6.25	43	1264659	99.320	ug/l	98
24) 1,1-Dichloroethane	6.21	63	280050	21.055	ug/l	99
25) 2-Butanone	7.17	43	224396	95.609	ug/l	100
26) 2,2-Dichloropropane	7.16	77	155040	21.054	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	174251	21.185	ug/l	100
28) Bromochloromethane	7.51	49	97472	18.692	ug/l	99
29) Tetrahydrofuran	7.52	42	133894	92.087	ug/l	99
30) Chloroform	7.67	83	264652	21.277	ug/l	99
31) Cyclohexane	7.95	56	263730	19.079	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	204218	20.415	ug/l	99
36) 1,1-Dichloropropene	8.08	75	215759	19.730	ug/l	98
37) Ethyl Acetate	7.24	43	93598	18.872	ug/l	99
38) Carbon Tetrachloride	8.07	117	186171	19.624	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	262779	18.725	ug/l	99
40) Benzene	8.32	78	644572	20.833	ug/l	98
41) Methacrylonitrile	7.48	41	55651	20.130	ug/l	94
42) 1,2-Dichloroethane	8.40	62	164675	20.509	ug/l	99
43) Isopropyl Acetate	8.42	43	168309	18.689	ug/l	98
44) Trichloroethene	9.09	130	170656	20.384	ug/l	93
45) 1,2-Dichloropropane	9.37	63	161377	21.255	ug/l	96
46) Dibromomethane	9.45	93	75402	20.117	ug/l	98
47) Bromodichloromethane	9.64	83	190444	20.580	ug/l	99
48) Methyl methacrylate	9.43	41	75180	17.098	ug/l	90
49) 1,4-Dioxane	9.45	88	25571	364.763	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	446237	95.414	ug/l	100
52) Toluene	10.38	92	408144	20.968	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	193033	20.147	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	241493	20.623	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	110971	20.272	ug/l	99
56) Ethyl methacrylate	10.64	69	138121	19.415	ug/l	100
57) 1,3-Dichloropropane	10.93	76	195290	20.299	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	205693	95.069	ug/l	100
59) 2-Hexanone	10.97	43	306037	94.961	ug/l	98
60) Dibromochloromethane	11.13	129	123692	20.027	ug/l	99
61) 1,2-Dibromoethane	11.23	107	104888	20.186	ug/l	100
64) Tetrachloroethene	10.86	164	150237	21.083	ug/l	97
65) Chlorobenzene	11.65	112	419269	20.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	141175	20.793	ug/l	99
67) Ethyl Benzene	11.73	91	751597	20.682	ug/l	98
68) m/p-Xylenes	11.83	106	578377	41.585	ug/l	99
69) o-Xylene	12.16	106	268707	20.915	ug/l	99
70) Styrene	12.18	104	462558	21.287	ug/l	99
71) Bromoform	12.35	173	70910	19.148	ug/l #	97
73) Isopropylbenzene	12.46	105	721963	20.573	ug/l	100
74) N-amyl acetate	12.27	43	149902	19.051	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	123546	19.505	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	74629m	16.503	ug/l	
77) Bromobenzene	12.74	156	168144	20.629	ug/l	99
78) n-propylbenzene	12.80	91	853544	20.684	ug/l	100
79) 2-Chlorotoluene	12.89	91	491657	20.936	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	616528	20.924	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	37162	18.310	ug/l	94
82) 4-Chlorotoluene	12.99	91	514070	21.070	ug/l	100
83) tert-Butylbenzene	13.21	119	527537	20.449	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	615179	20.980	ug/l	100
85) sec-Butylbenzene	13.38	105	724108	20.278	ug/l	100
86) p-Isopropyltoluene	13.49	119	667450	20.506	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	333065	21.014	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	324497	20.738	ug/l	97
89) n-Butylbenzene	13.82	91	614819	20.341	ug/l	99
90) Hexachloroethane	14.09	117	112617	19.806	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	288507	20.710	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18549	18.492	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	186940	19.872	ug/l	97
94) Hexachlorobutadiene	15.24	225	125155	19.852	ug/l	97
95) Naphthalene	15.36	128	297153	18.521	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	164462	20.056	ug/l	99

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

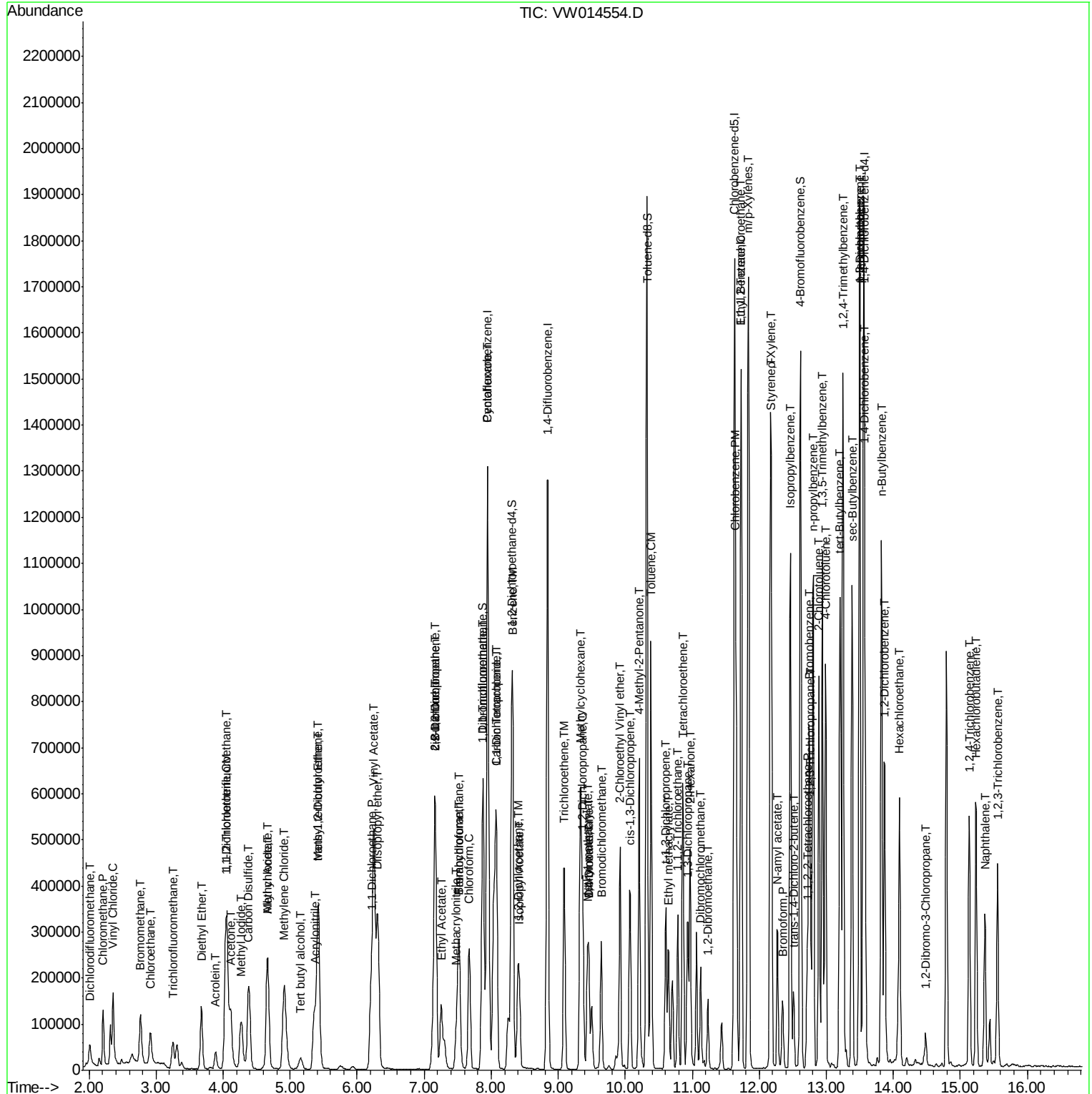
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 Data File : VW014554.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0108SBSD01

Tgt Ion: 168 Resp: 740795

Ion Ratio Lower Upper

168 100

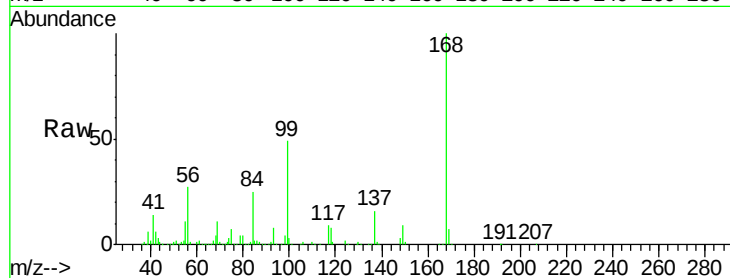
99 49.4 41.1 61.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

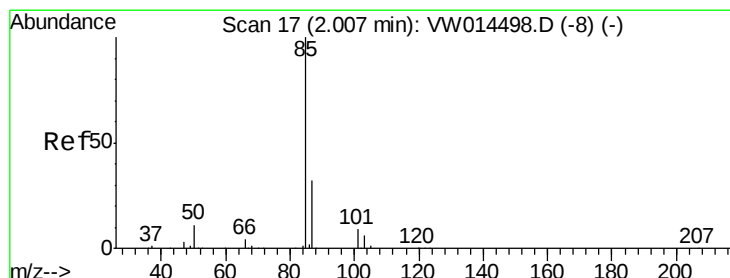
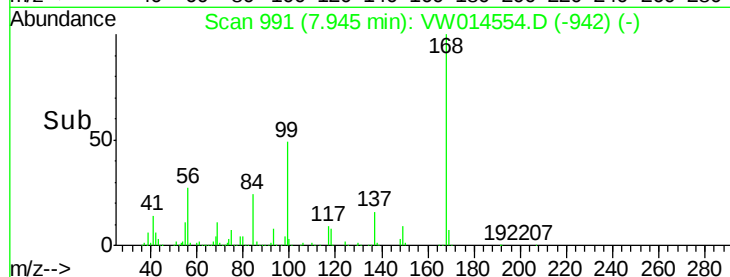
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 19.245 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014554.D

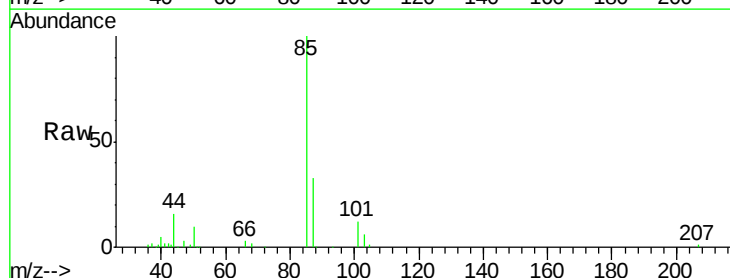
Acq: 08 Jan 2020 12:02

Tgt Ion: 85 Resp: 80494

Ion Ratio Lower Upper

85 100

87 33.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

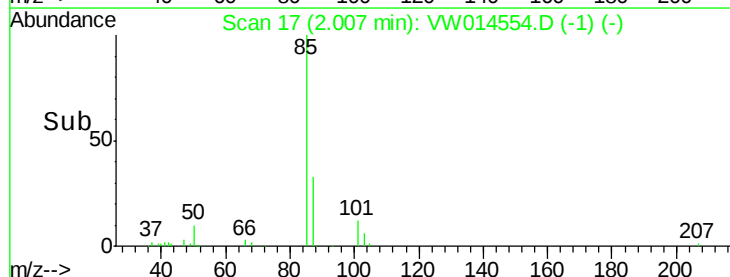
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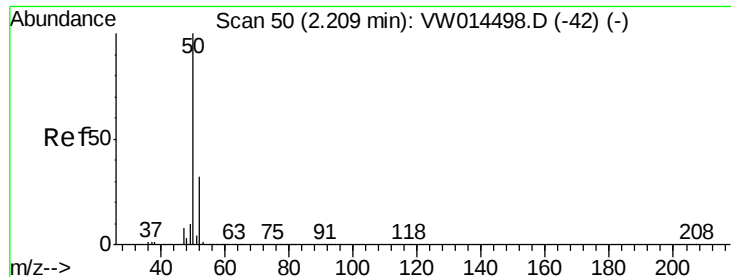
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 20.930 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0108SBS01

Tgt Ion: 50 Resp: 107155

Ion Ratio Lower Upper

50 100

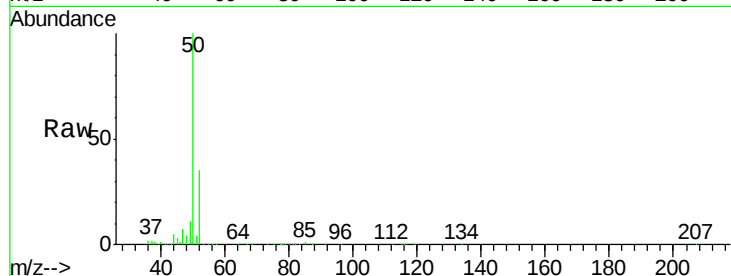
52 34.6 25.8 38.8

Manual Integrations

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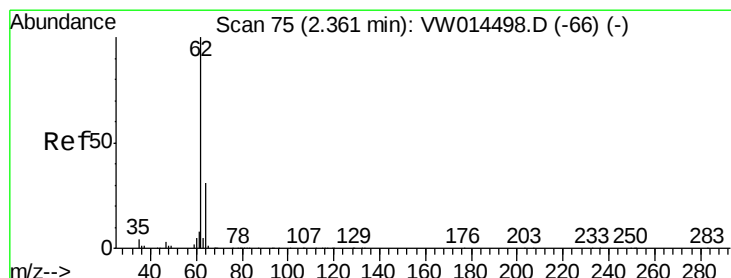
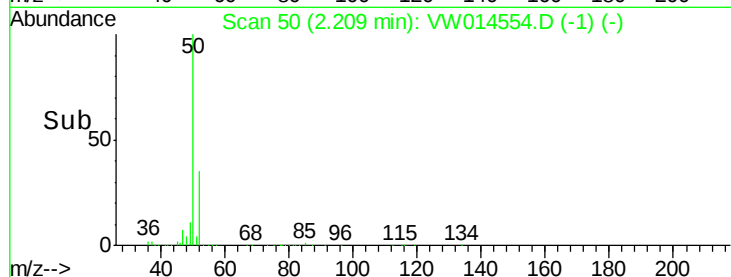
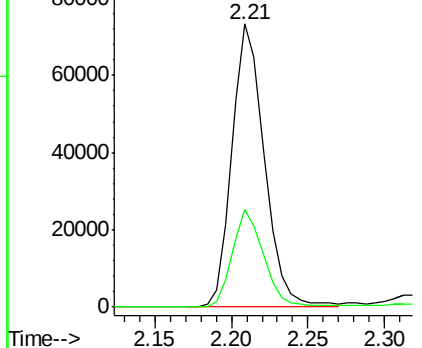
apatel

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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.493 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014554.D

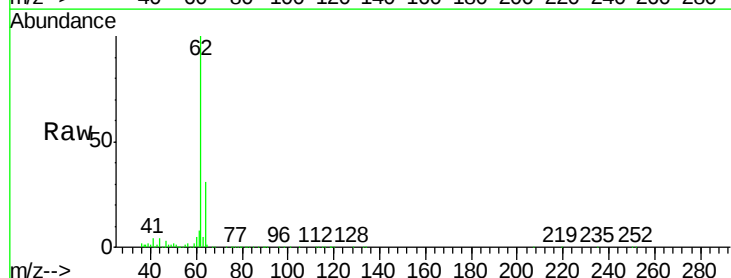
Acq: 08 Jan 2020 12:02

Tgt Ion: 62 Resp: 154315

Ion Ratio Lower Upper

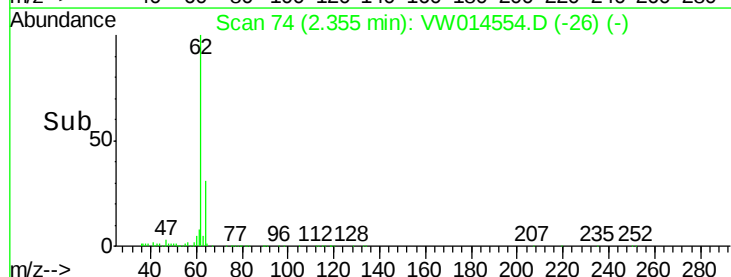
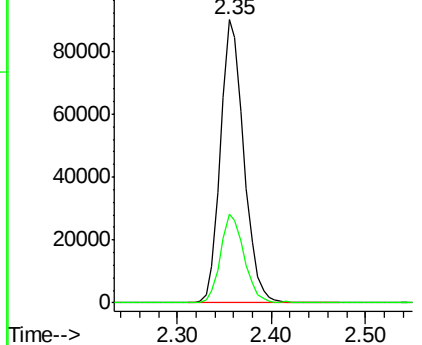
62 100

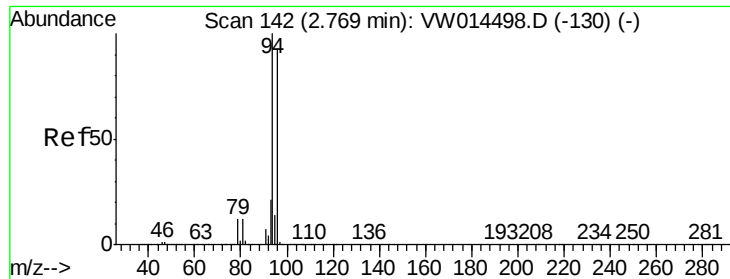
64 31.3 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 21.375 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

ClientSampled :

VW0108SBS01

Tgt Ion: 94 Resp: 99431

Ion Ratio Lower Upper

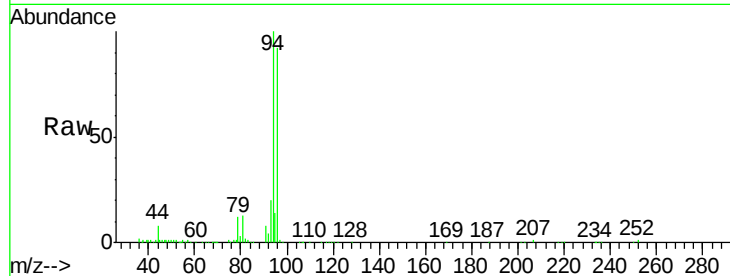
94 100

96 91.6 74.2 111.2

Manual Integrations
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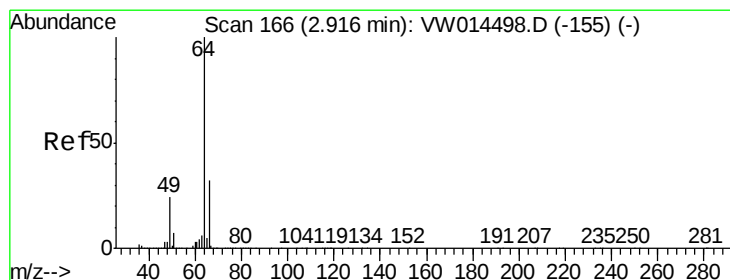
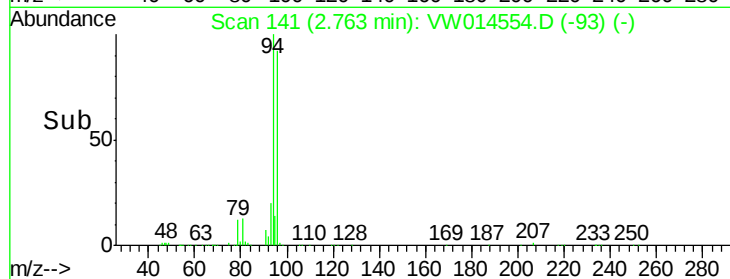
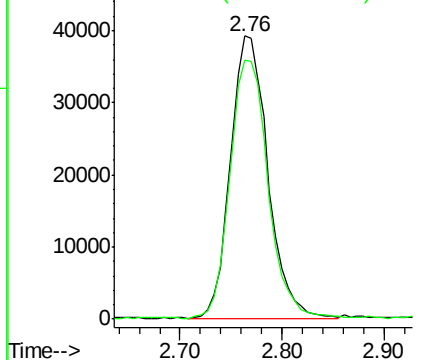
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.868 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW014554.D

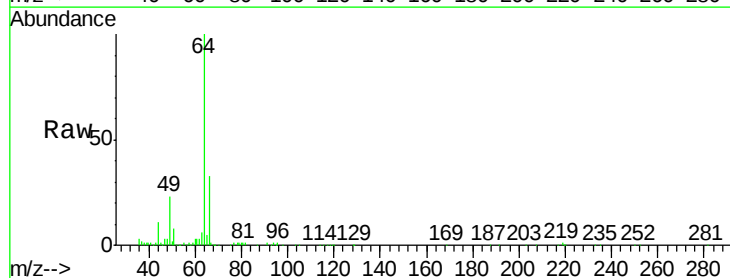
Acq: 08 Jan 2020 12:02

Tgt Ion: 64 Resp: 89577

Ion Ratio Lower Upper

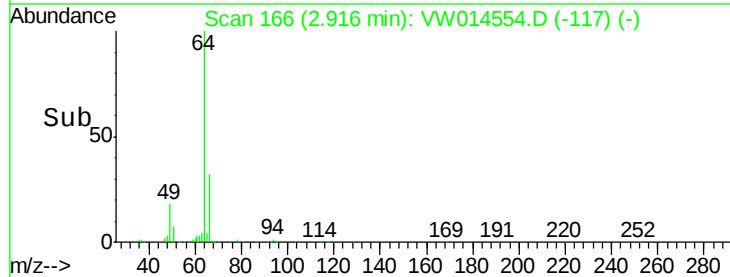
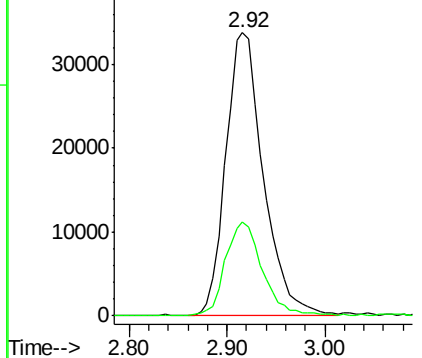
64 100

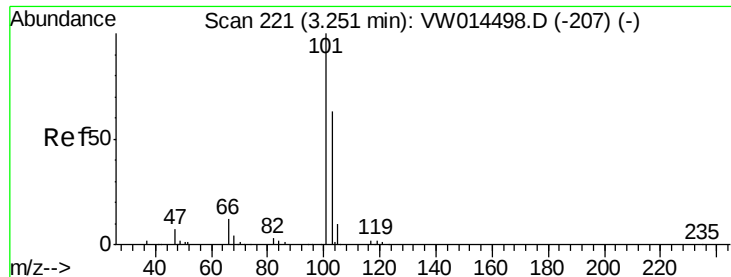
66 32.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

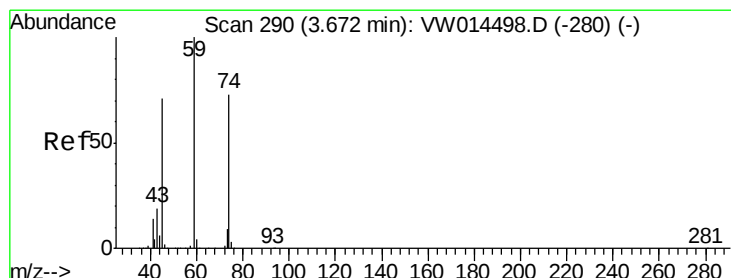
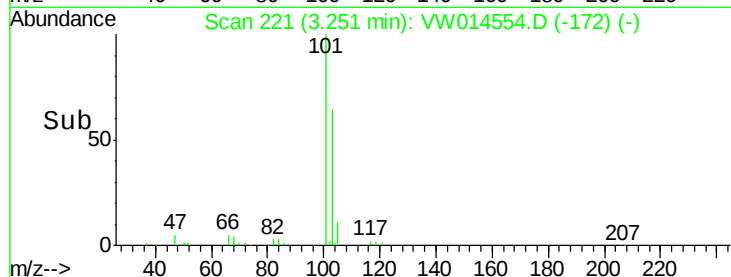
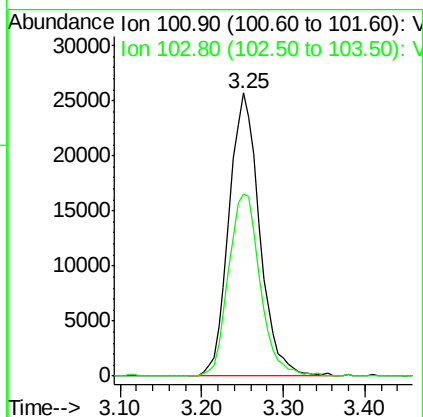
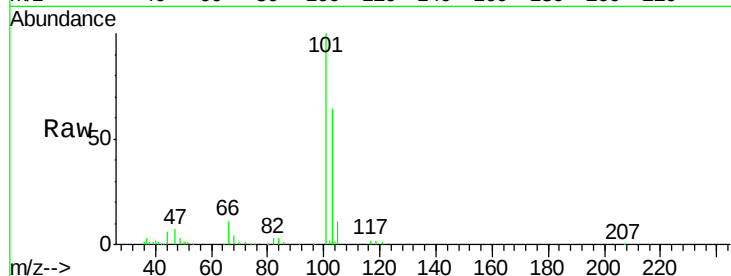
Trichlorofluoromethane
Concen: 17.658 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
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ClientSampleId :
VW0108SBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.3	50.1	75.1

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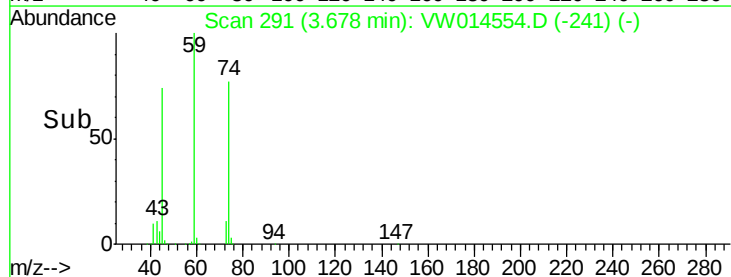
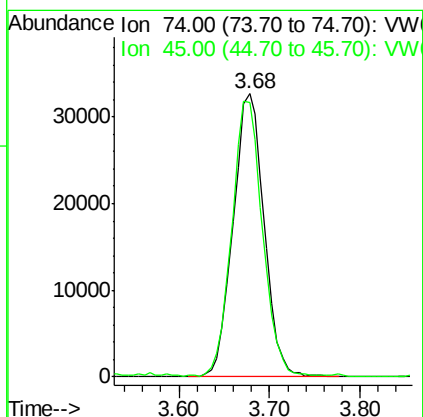
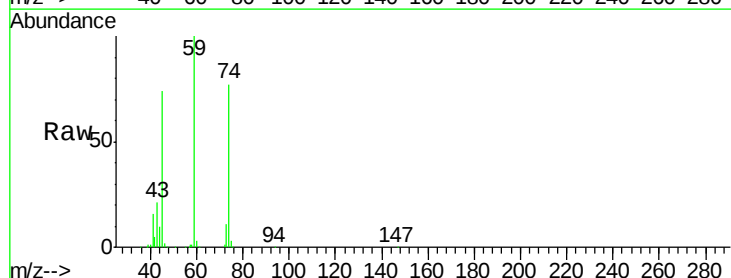
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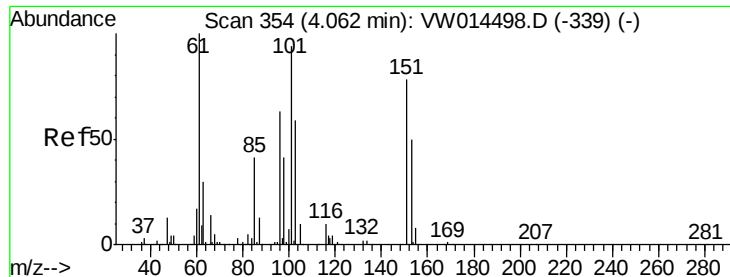


#8

Diethyl Ether
Concen: 20.650 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.801 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

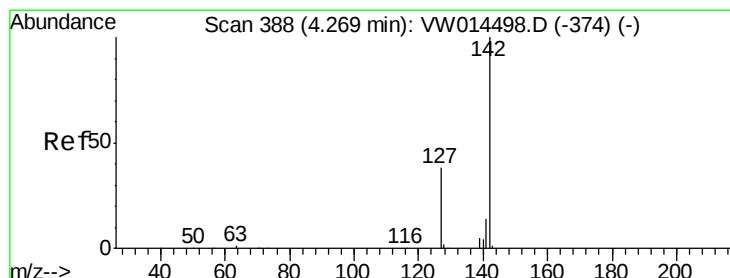
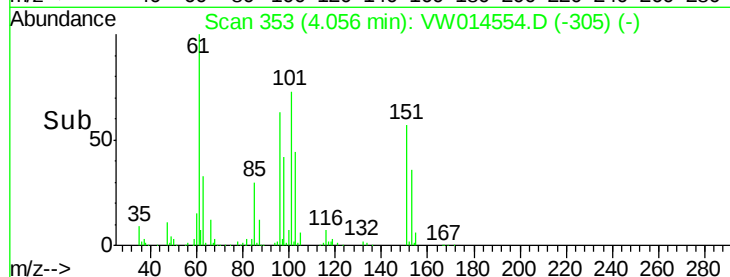
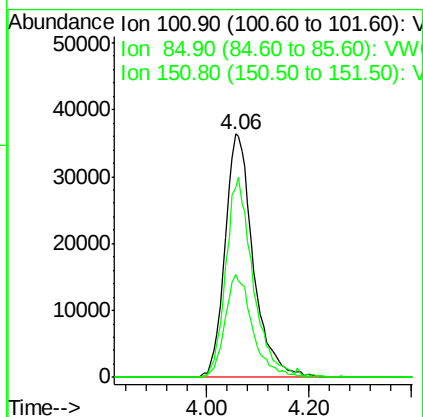
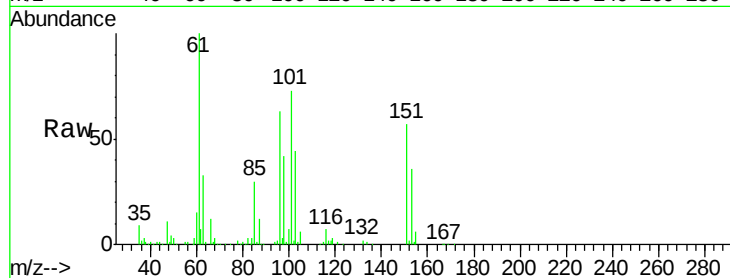
ClientSampleId :

VW0108SBS01

Tgt Ion:	101	Resp:	139392
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.7	50.5
151	78.6	63.5	95.3

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#10

Methyl Iodide

Concen: 20.601 ug/l

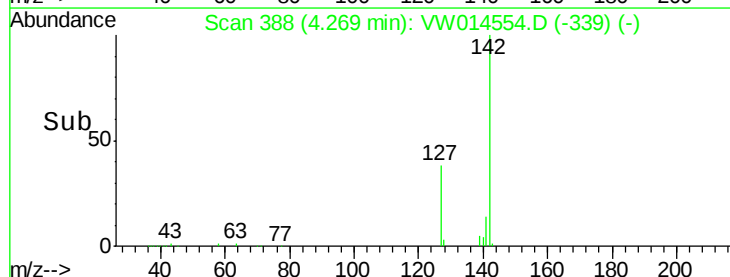
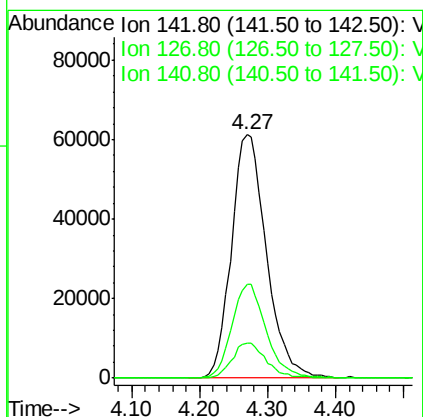
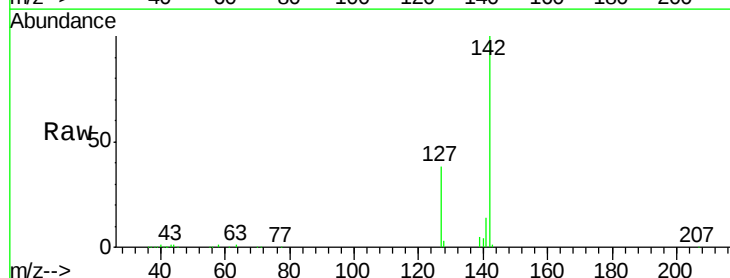
RT: 4.27 min Scan# 388

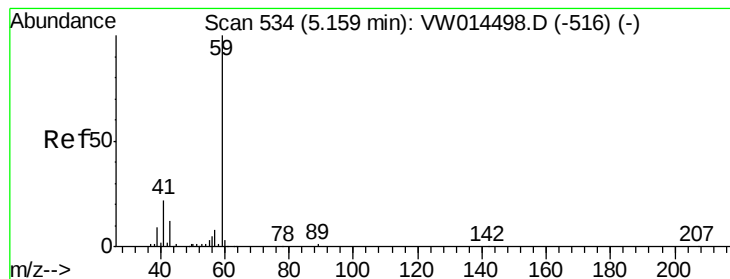
Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Tgt Ion:	142	Resp:	218813
Ion Ratio	Lower	Upper	
142	100		
127	38.0	30.2	45.4
141	14.0	11.4	17.2





#11

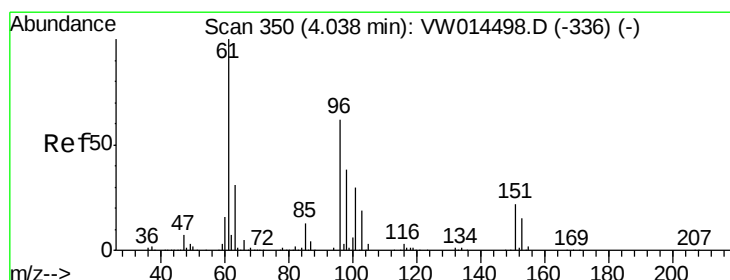
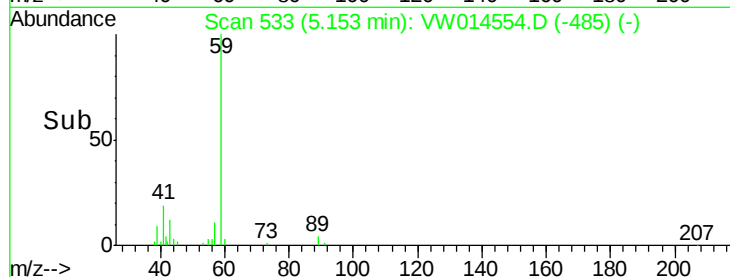
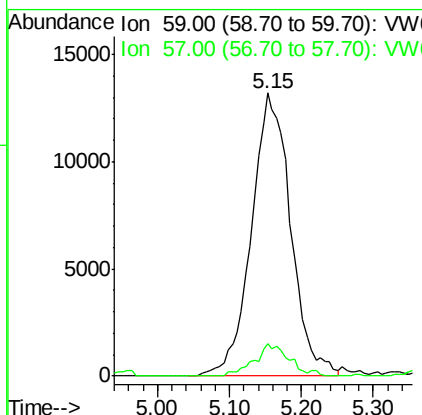
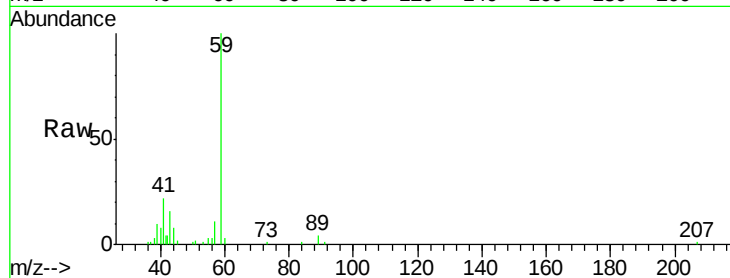
Tert butyl alcohol
Concen: 84.904 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0108SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.8

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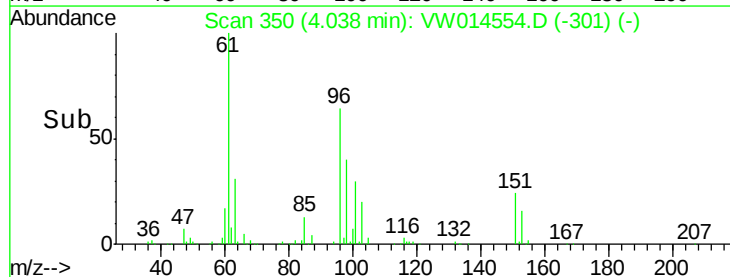
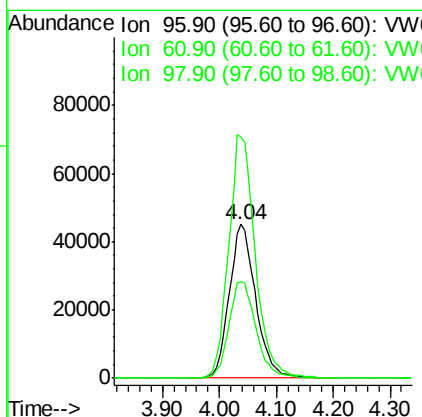
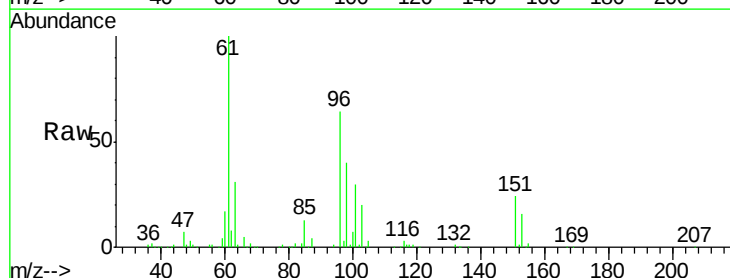
apatel
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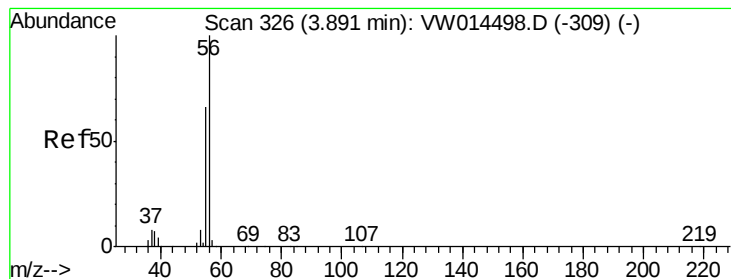


#12

1,1-Dichloroethene
Concen: 19.749 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	128.4	192.6
98	62.9	49.1	73.7





#13

Acrolein

Concen: 87.174 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0108SBS01

Tgt Ion: 56 Resp: 49280

Ion Ratio Lower Upper

56 100

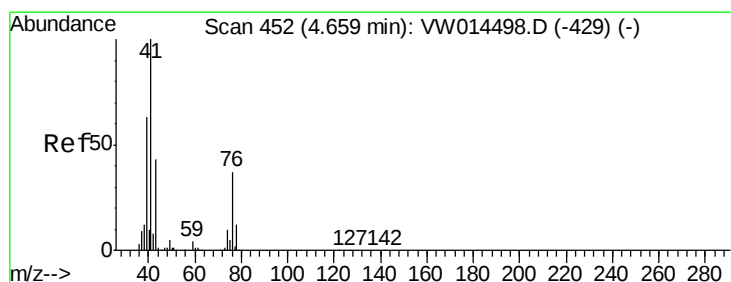
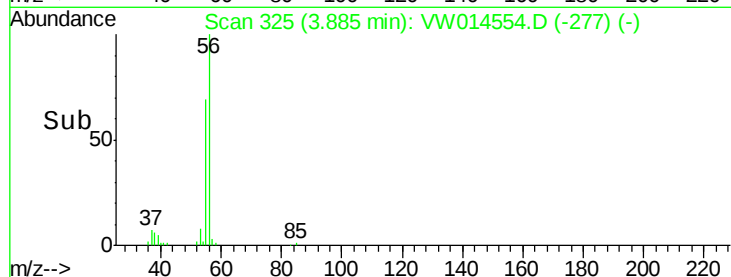
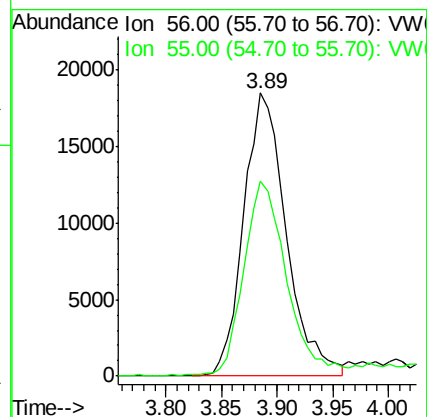
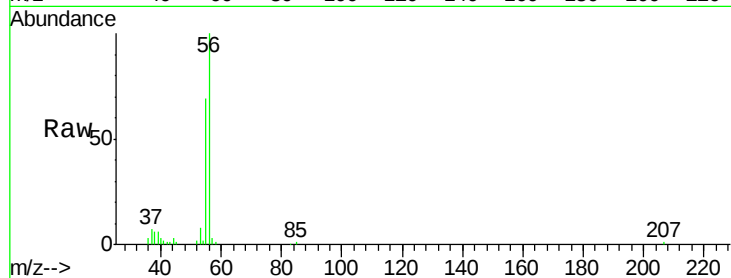
55 69.8 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 20.226 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

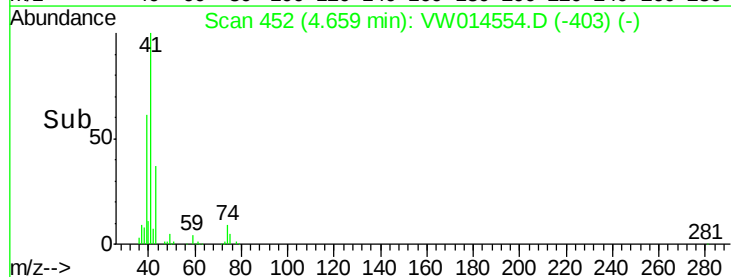
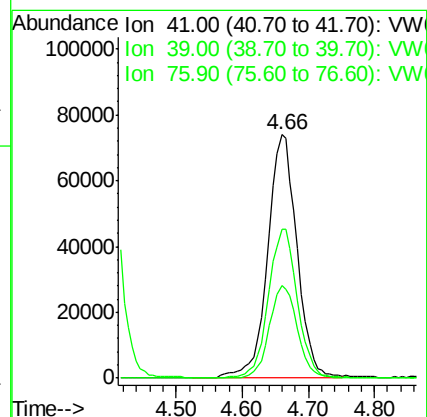
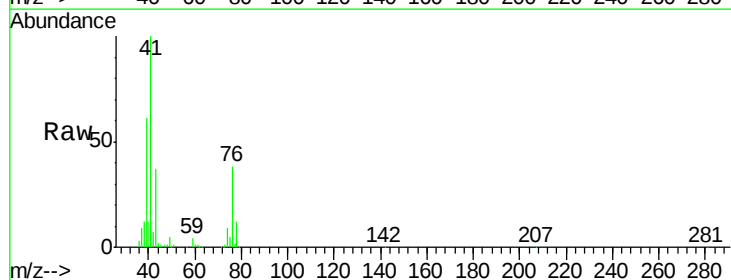
Tgt Ion: 41 Resp: 227862

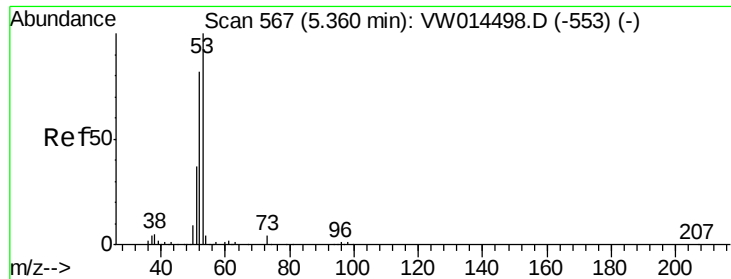
Ion Ratio Lower Upper

41 100

39 60.9 48.5 72.7

76 36.4 28.1 42.1





#15

Acrylonitrile

Concen: 95.238 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

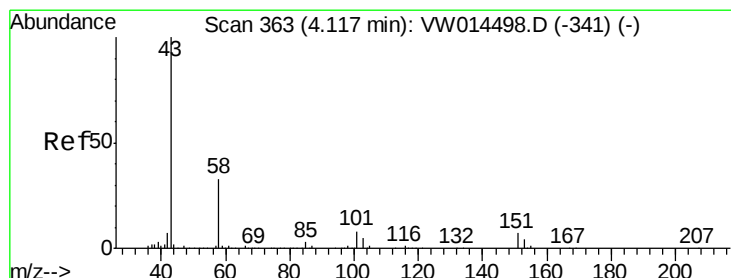
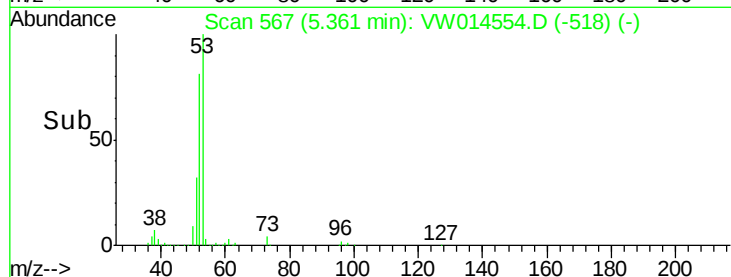
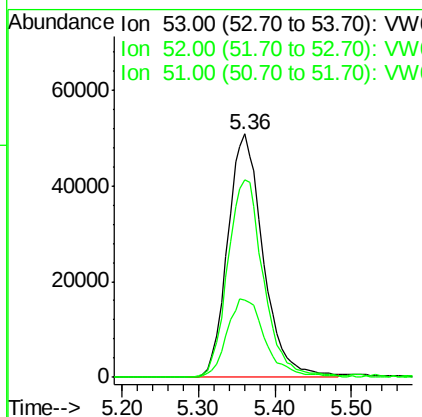
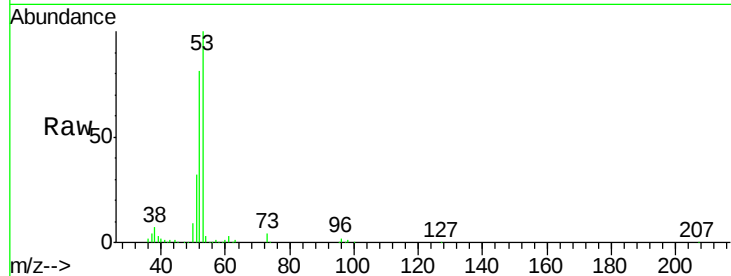
ClientSampleId :

VW0108SBSD01

Tgt Ion:	53	Resp:	163190
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.5	99.7
51	34.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 89.187 ug/l

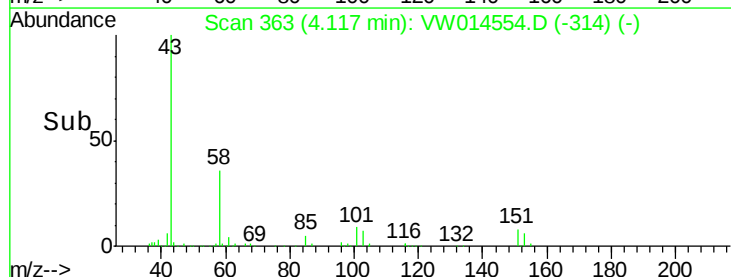
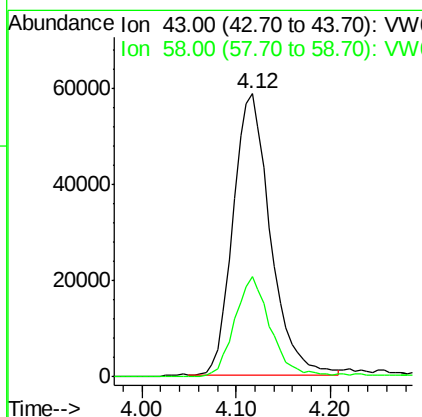
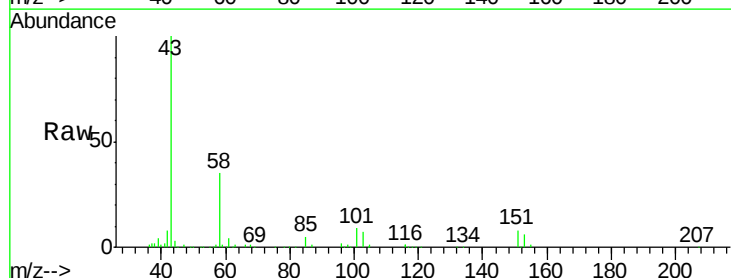
RT: 4.12 min Scan# 363

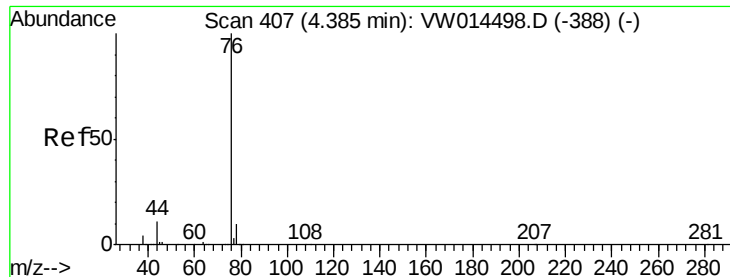
Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Tgt Ion:	43	Resp:	163110
Ion	Ratio	Lower	Upper
43	100		
58	35.2	26.6	39.8





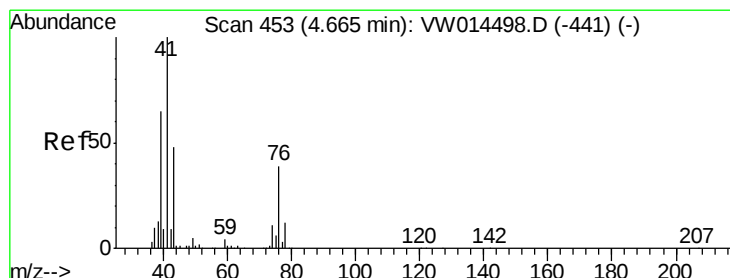
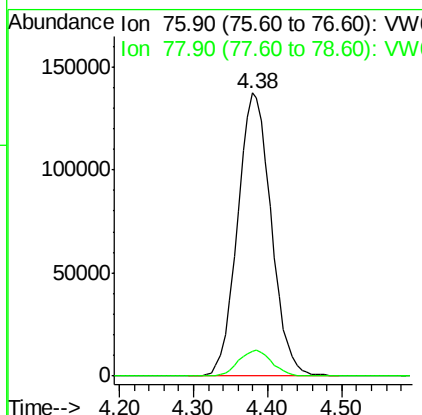
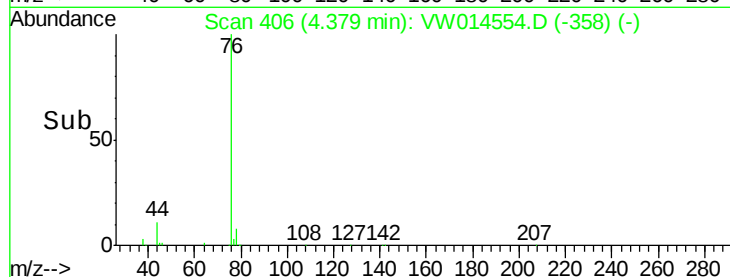
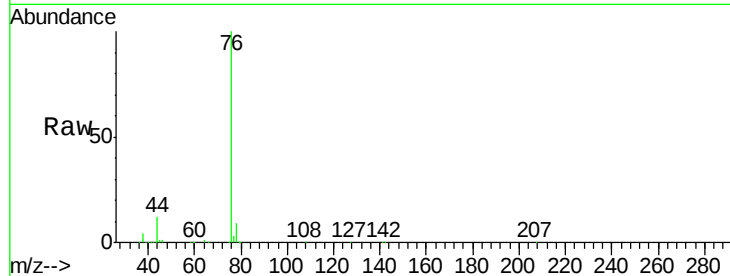
#17
Carbon Disulfide
Concen: 19.573 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0108SBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.8	11.6

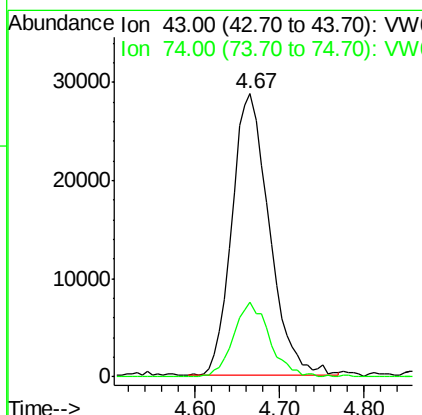
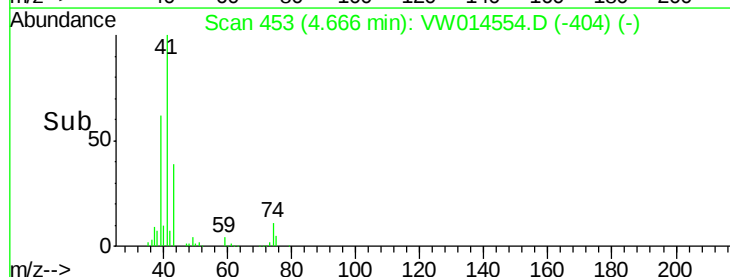
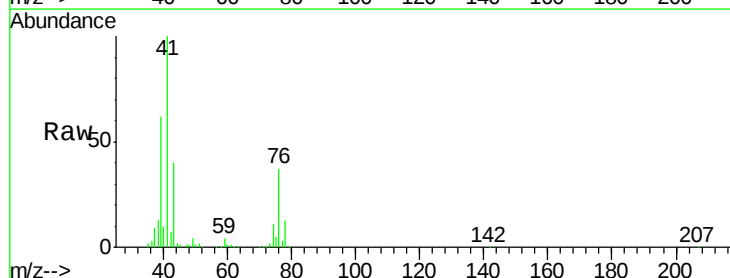
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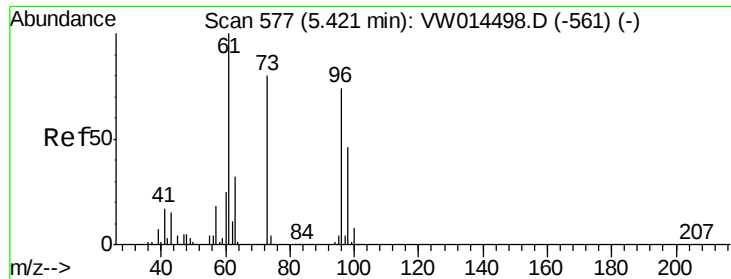
apatel
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#18
Methyl Acetate
Concen: 19.549 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	19.3	28.9





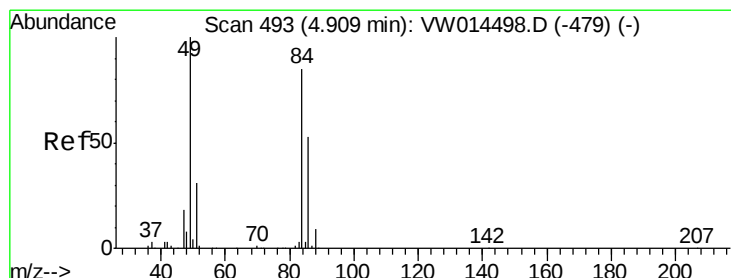
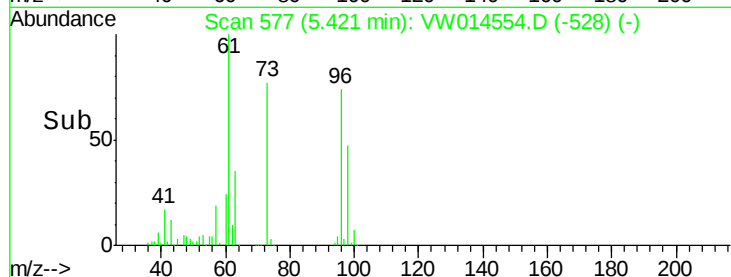
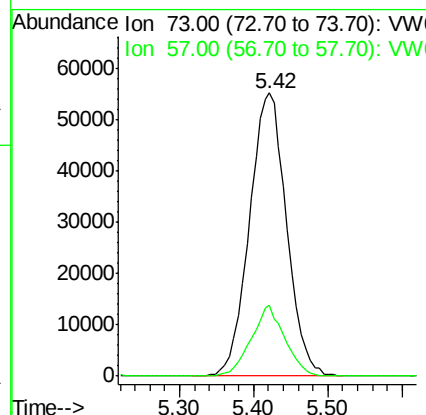
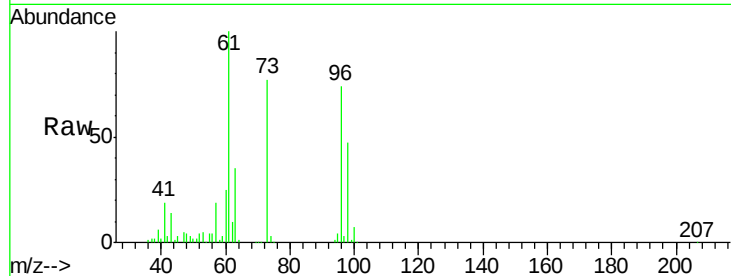
#19
Methyl tert-butyl Ether
Concen: 21.037 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0108SBS01

Tgt Ion: 73 Resp: 192512
Ion Ratio Lower Upper
73 100
57 24.9 18.1 27.1

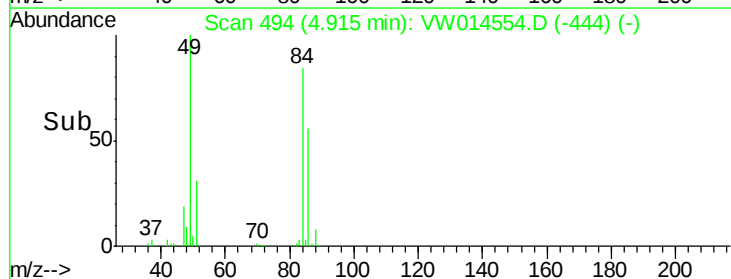
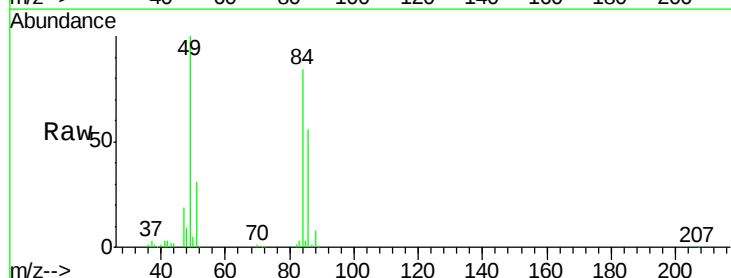
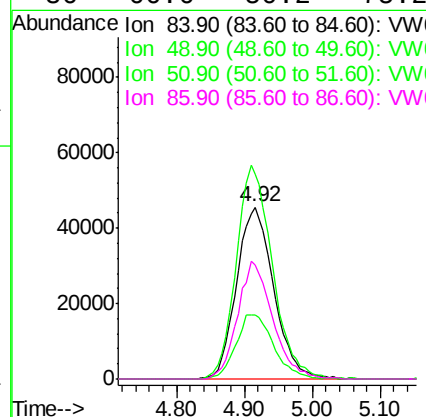
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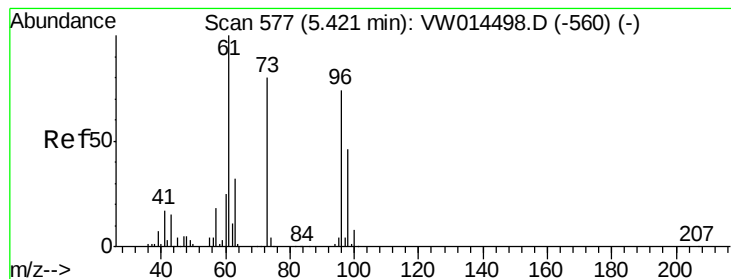
apatel
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#20
Methylene Chloride
Concen: 20.782 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion: 84 Resp: 173259
Ion Ratio Lower Upper
84 100
49 119.5 94.4 141.6
51 37.3 29.5 44.3
86 66.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 20.633 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

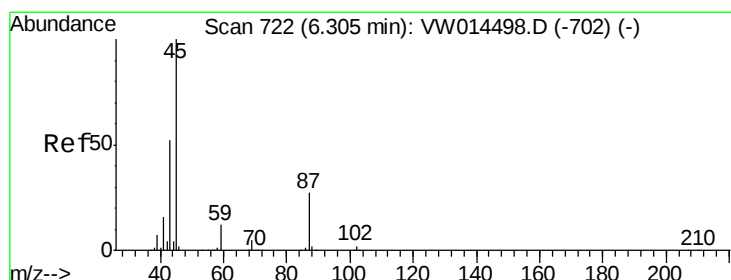
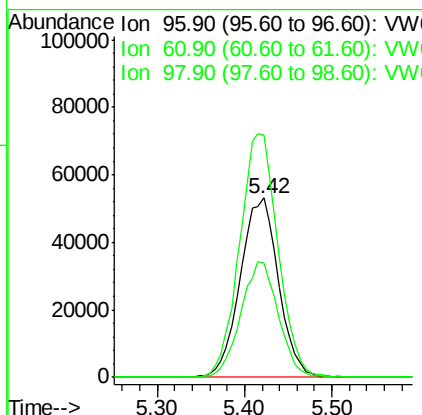
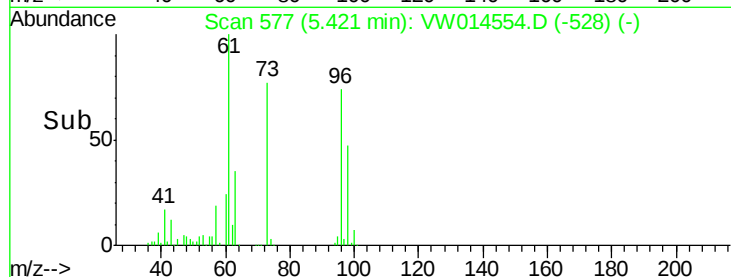
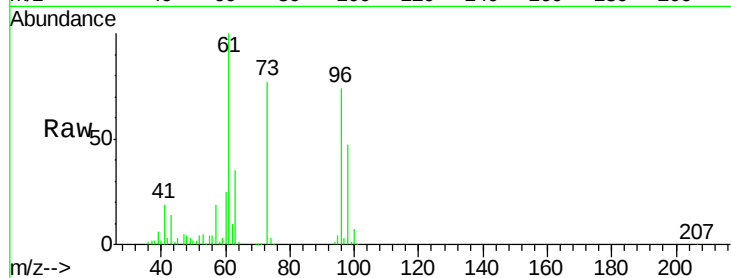
ClientSampleId :

VW0108SBS01

Tgt Ion:	96	Resp:	161507
Ion	Ratio	Lower	Upper
96	100		
61	135.7	107.8	161.6
98	63.7	49.4	74.0

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#22

Diisopropyl ether

Concen: 21.386 ug/l

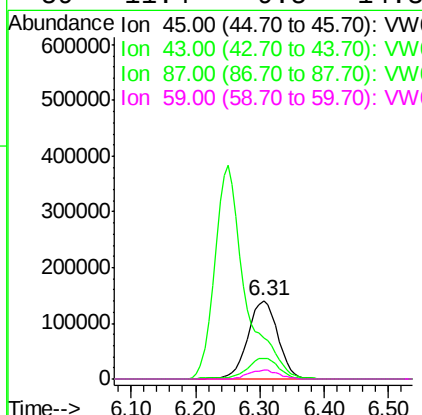
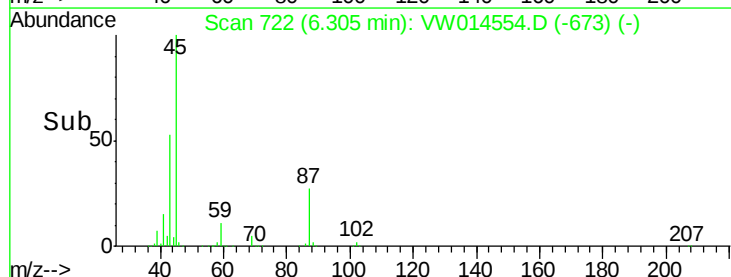
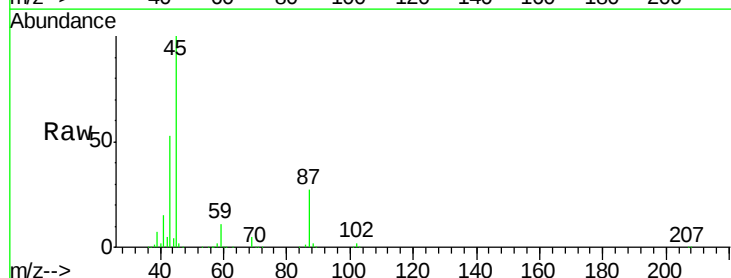
RT: 6.31 min Scan# 722

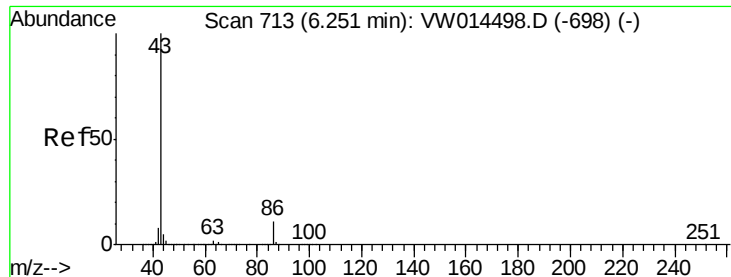
Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Tgt Ion:	45	Resp:	450956
Ion	Ratio	Lower	Upper
45	100		
43	52.7	41.4	62.0
87	26.8	22.2	33.2
59	11.4	9.5	14.3





#23

Vinyl Acetate

Concen: 99.320 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0108SBSD01

Tgt Ion: 43 Resp: 1264659

Ion Ratio Lower Upper

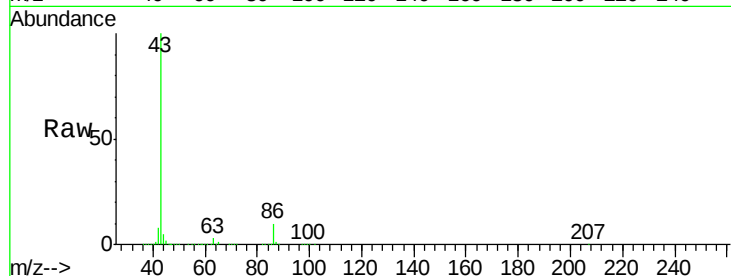
43 100

86 10.4 8.8 13.2

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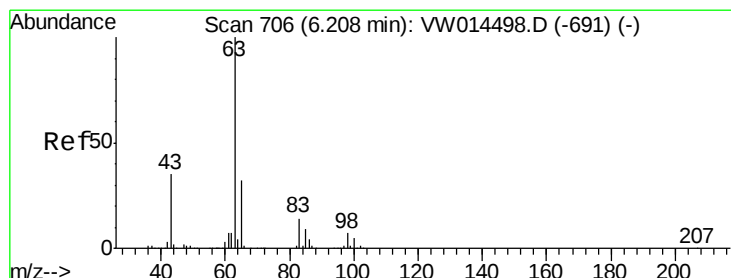
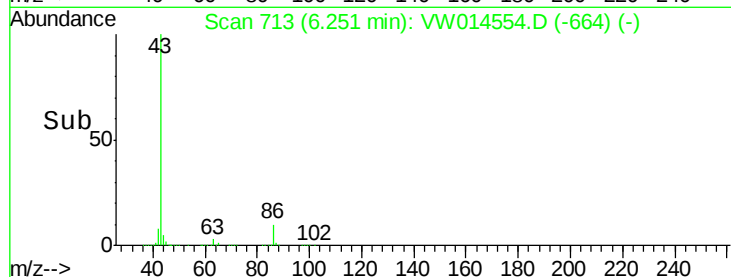
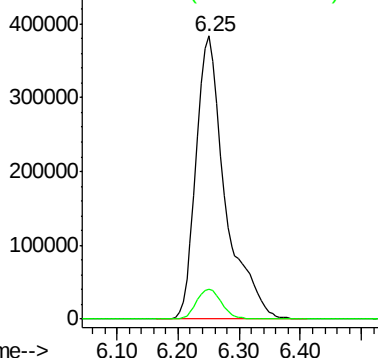
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.055 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

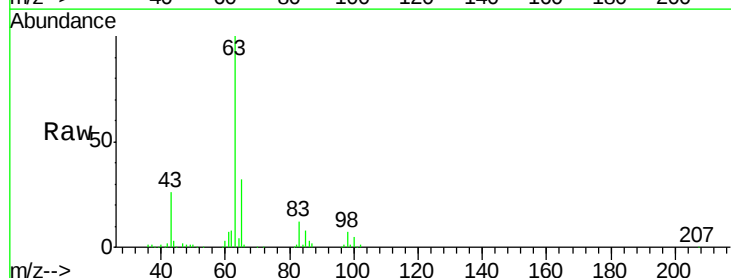
Tgt Ion: 63 Resp: 280050

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

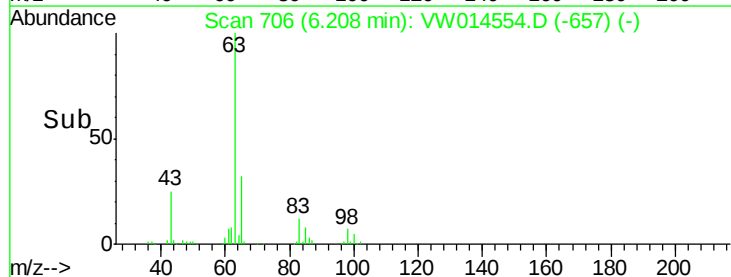
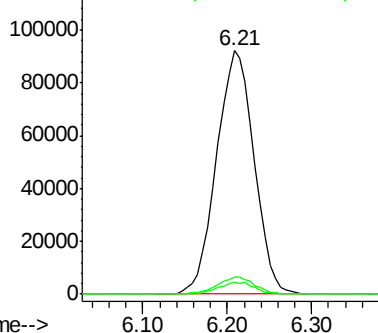
100 4.7 2.5 7.4

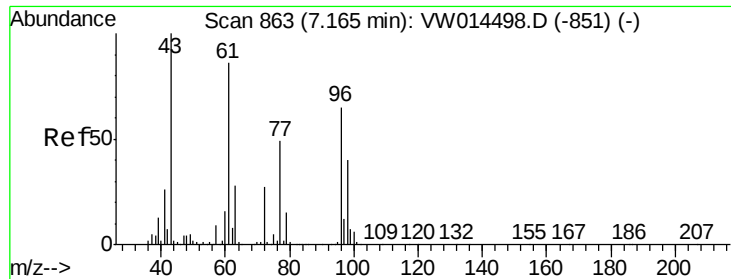


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 95.609 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0108SBS01

Tgt Ion: 43 Resp: 224396

Ion Ratio Lower Upper

43 100

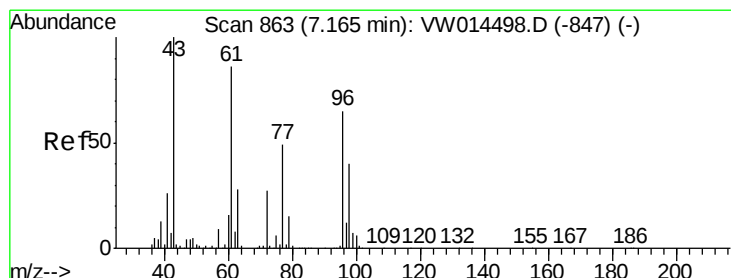
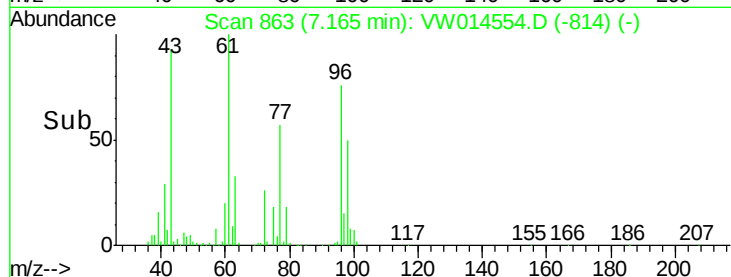
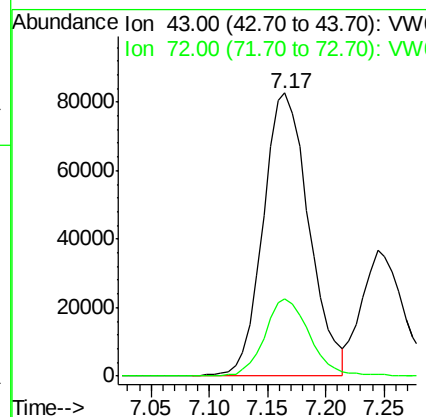
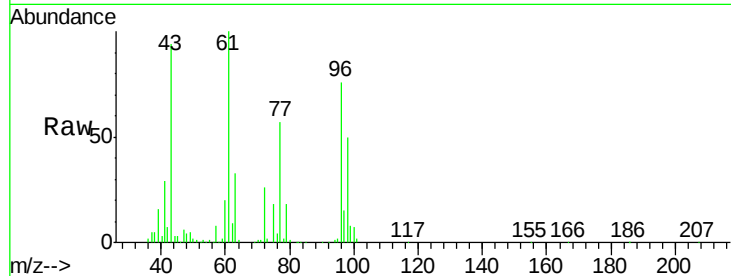
72 27.6 21.9 32.9

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#26

2,2-Dichloropropane

Concen: 21.054 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014554.D

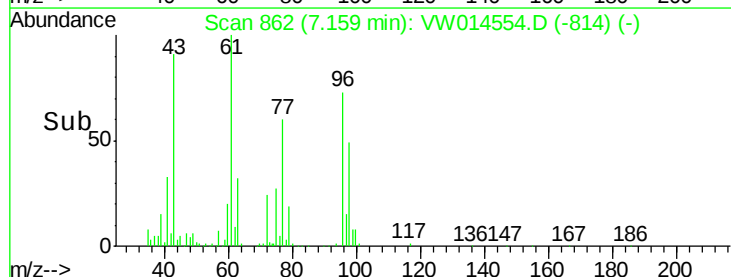
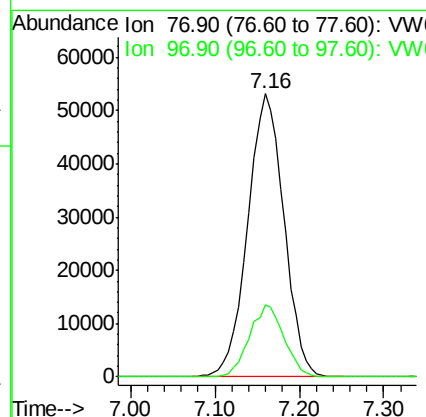
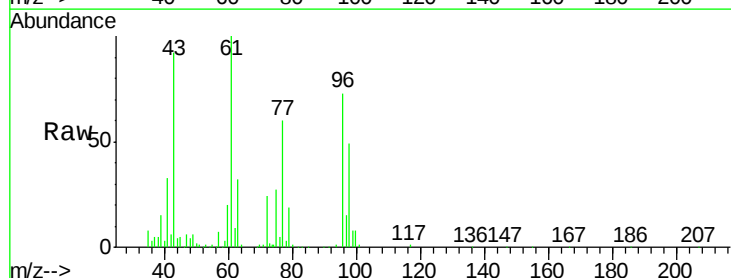
Acq: 08 Jan 2020 12:02

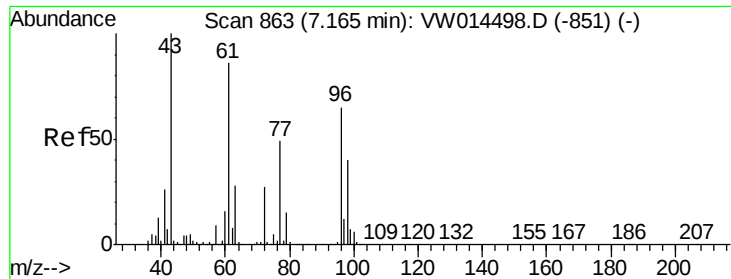
Tgt Ion: 77 Resp: 155040

Ion Ratio Lower Upper

77 100

97 24.2 12.5 37.5





#27

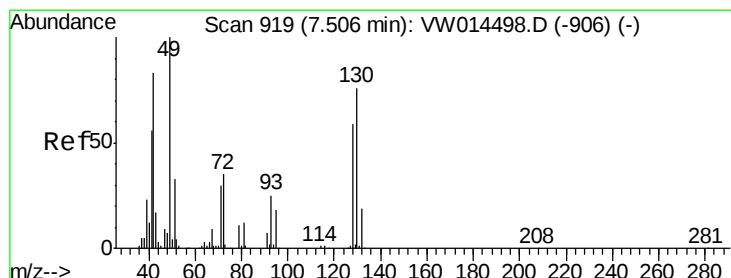
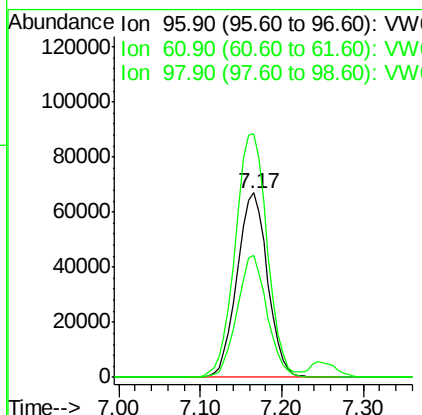
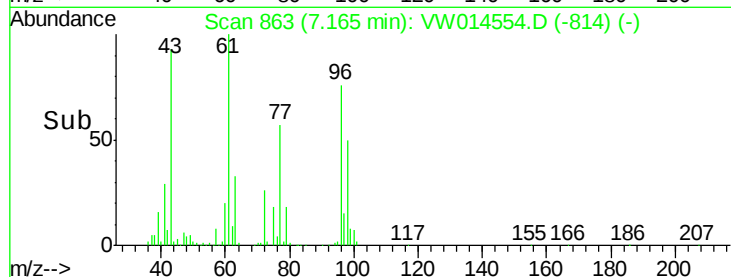
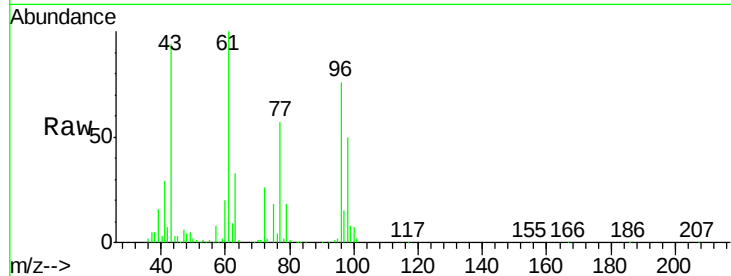
cis-1,2-Dichloroethene
Concen: 21.185 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0108SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	174251		
61	138.0	0.0	274.8	
98	64.5	0.0	128.6	

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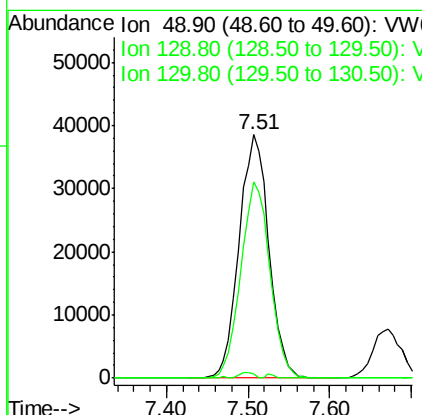
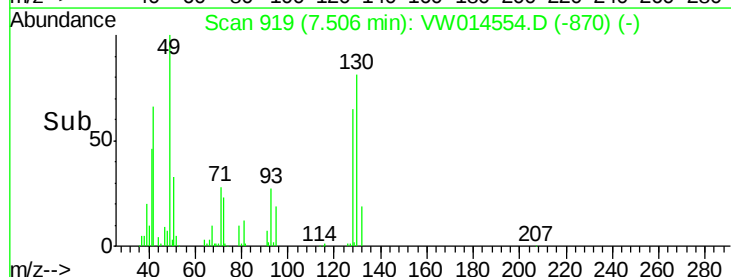
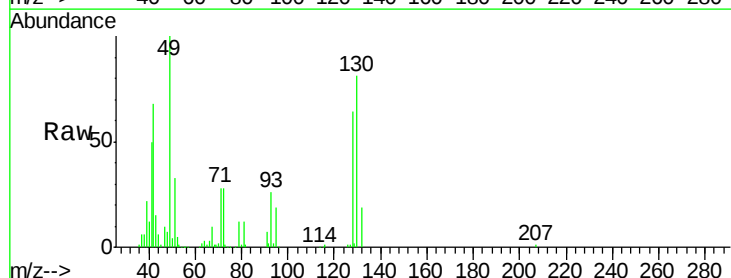
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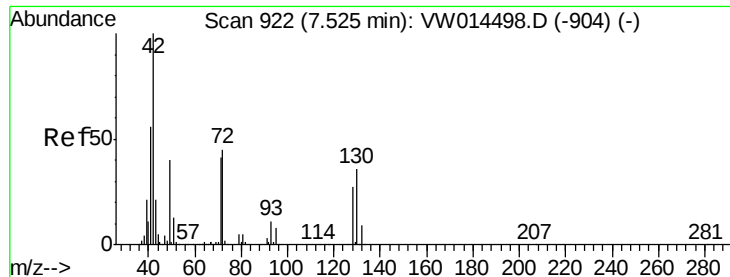


#28

Bromochloromethane
Concen: 18.692 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	97472		
129	1.2	0.0	2.0	
130	79.0	62.5	93.7	





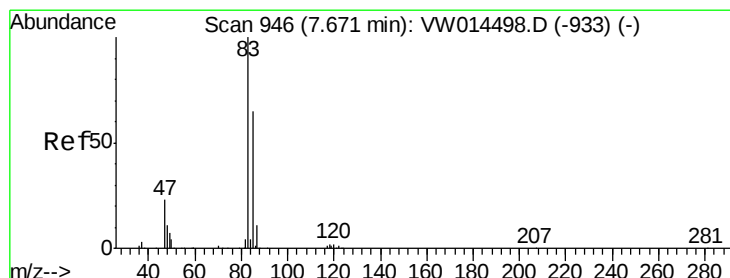
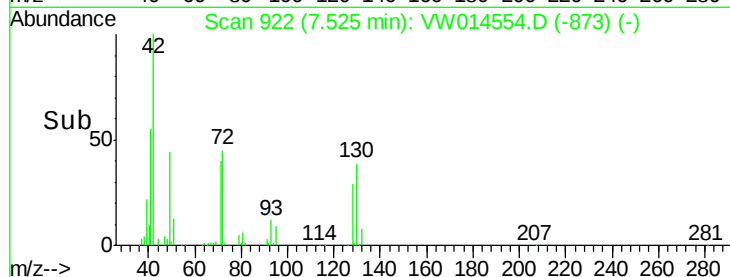
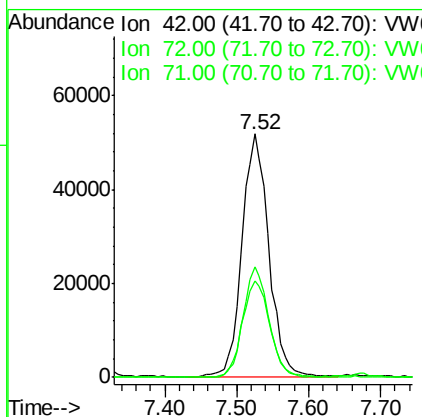
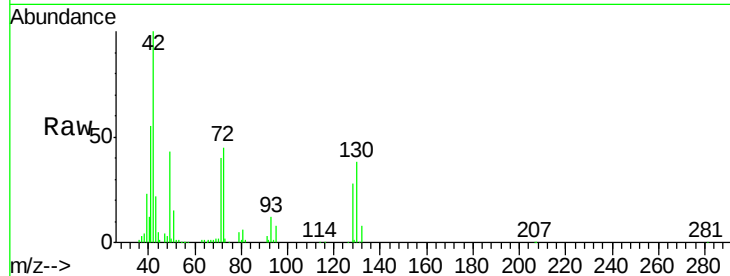
#29
Tetrahydrofuran
Concen: 92.087 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampled :
VW0108SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.5	51.7
71	40.4	32.0	48.0

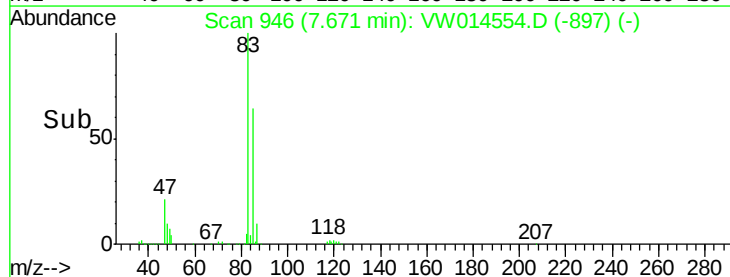
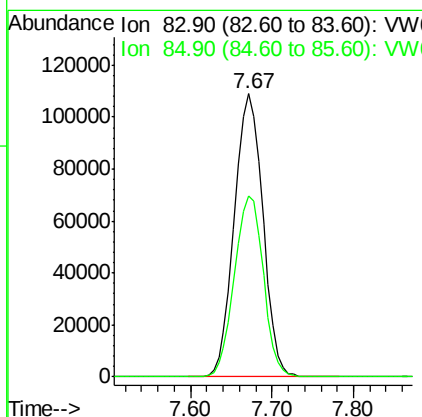
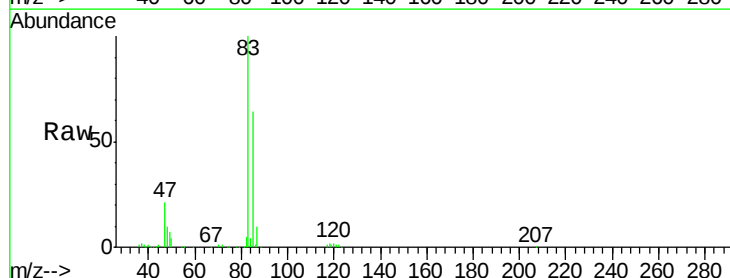
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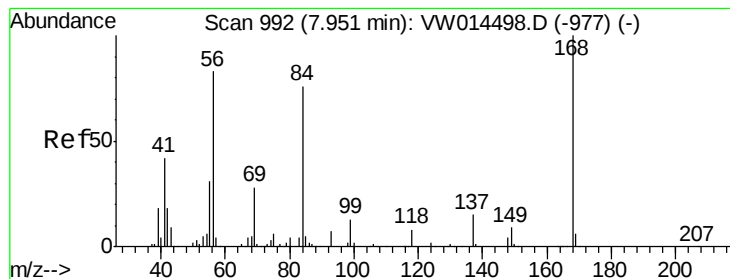
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#30
Chloroform
Concen: 21.277 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.2	78.2





#31

Cyclohexane

Concen: 19.079 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

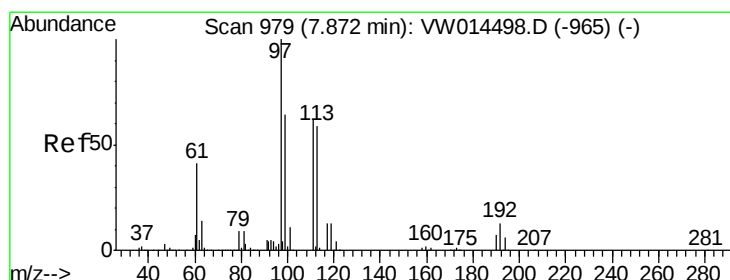
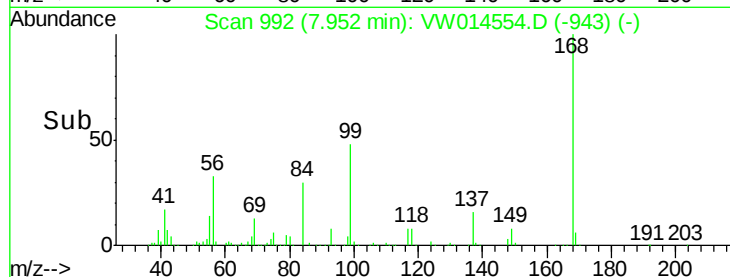
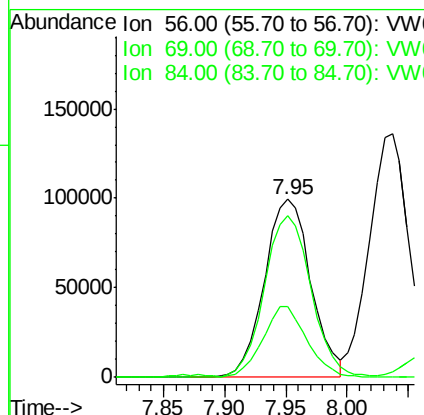
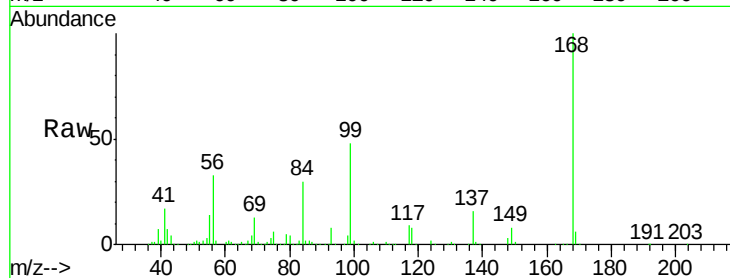
ClientSampled :

VW0108SBS01

Tgt Ion:	56	Resp:	263730
Ion	Ratio	Lower	Upper
56	100		
69	39.6	26.8	40.2
84	90.0	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 20.415 ug/l

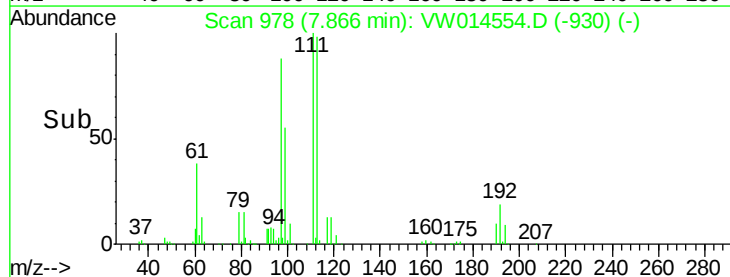
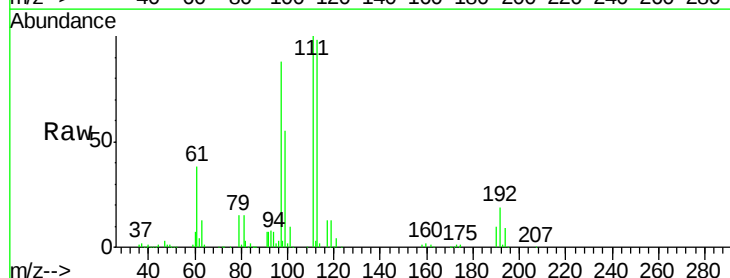
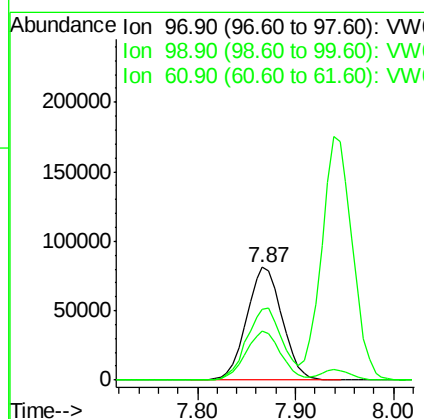
RT: 7.87 min Scan# 978

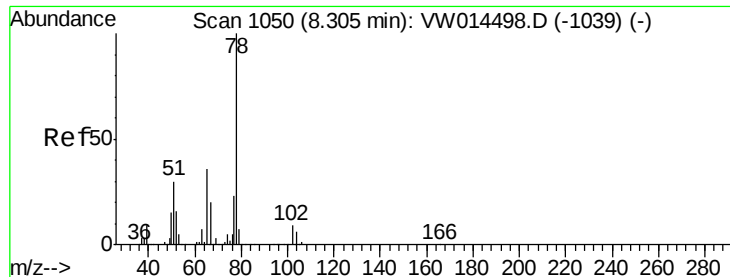
Delta R.T. -0.01 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Tgt Ion:	97	Resp:	204218
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.6
61	42.9	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 48.872 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0108SBS01

Tgt Ion: 65 Resp: 316538

Ion Ratio Lower Upper

65 100

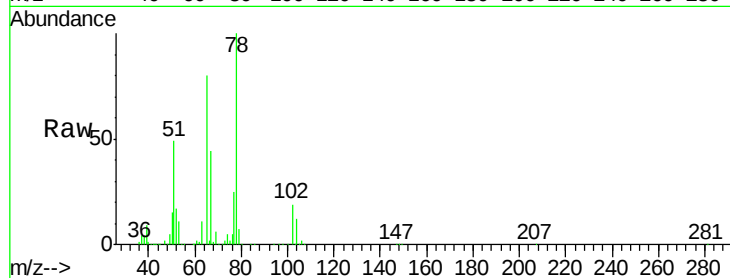
67 55.2 0.0 108.4

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

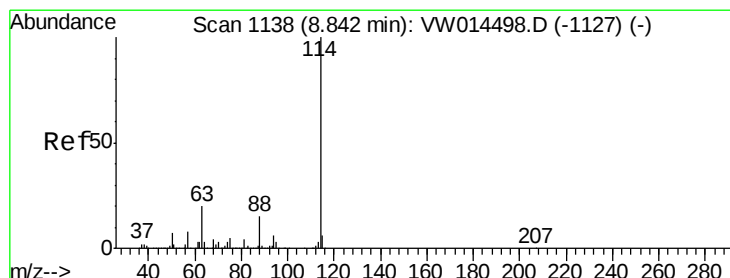
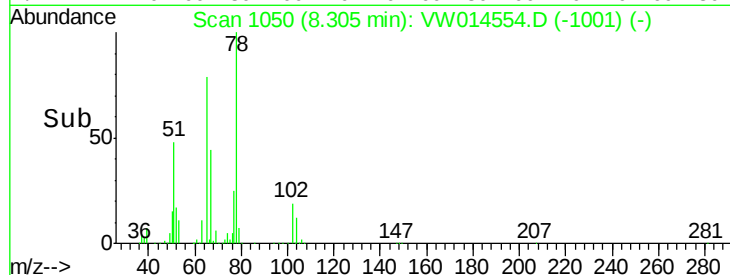
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

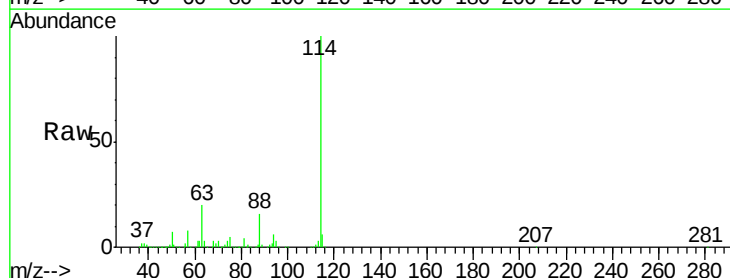
Tgt Ion: 114 Resp: 1134323

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.4

88 15.7 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

800000

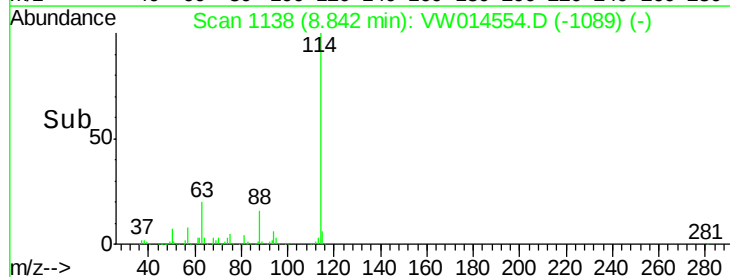
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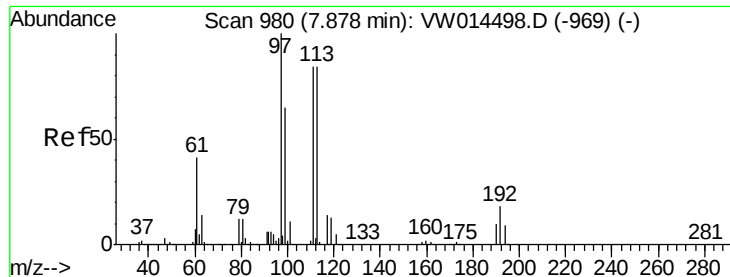
400000

200000

0

Time-->





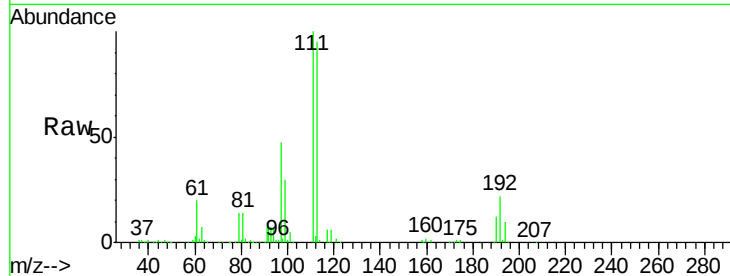
#35
 Dibromofluoromethane
 Concen: 48.741 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0108SBSD01

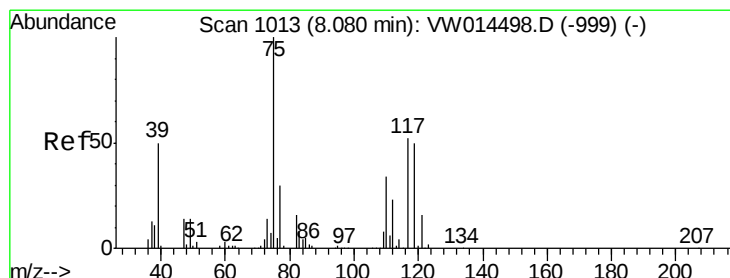
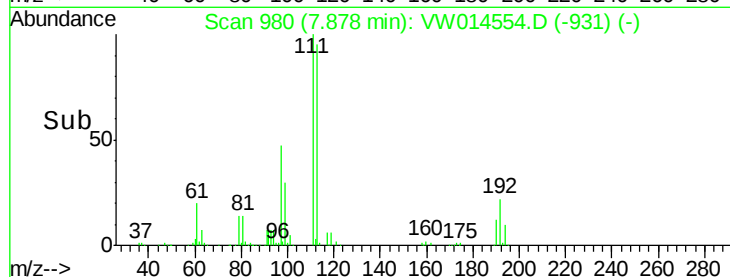
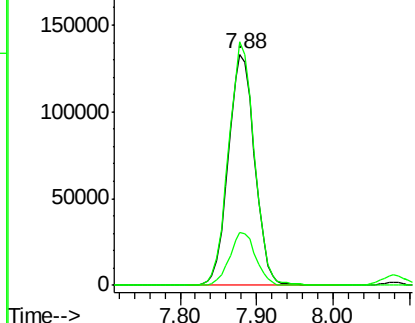
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	22.8	17.8	26.8

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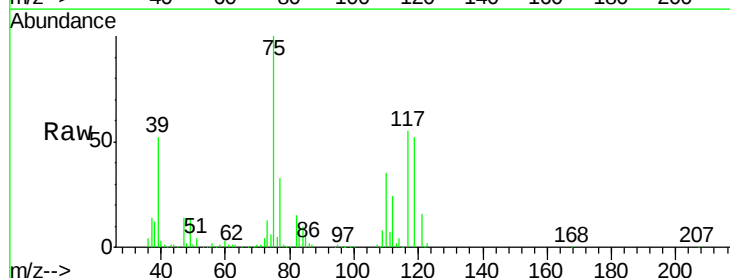


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

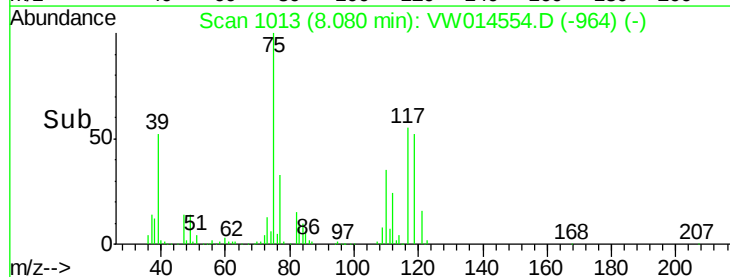
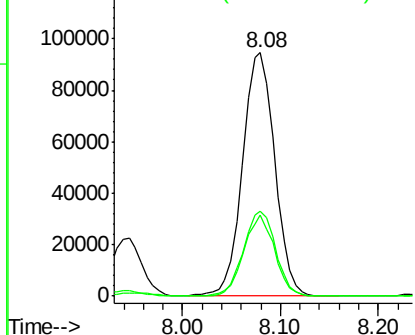


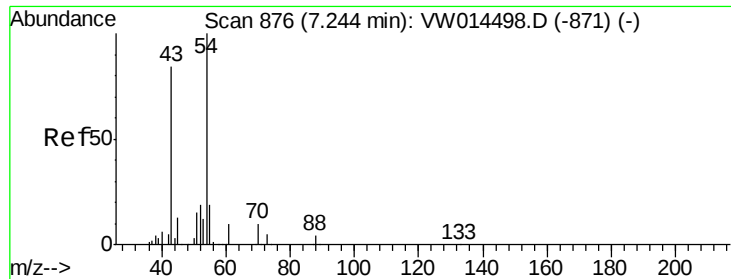
#36
 1,1-Dichloropropene
 Concen: 19.730 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.8	53.5
77	32.1	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





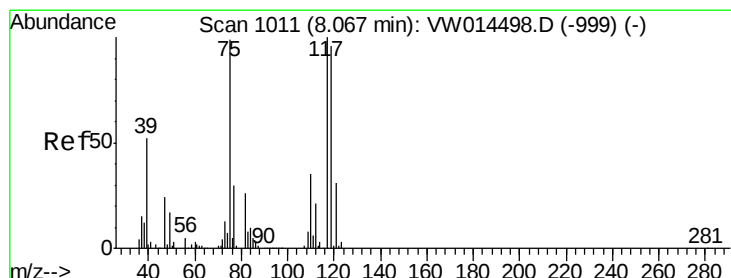
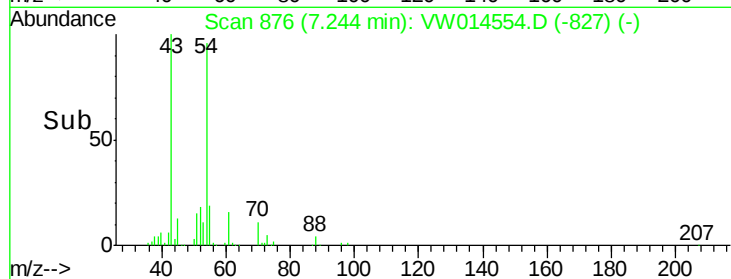
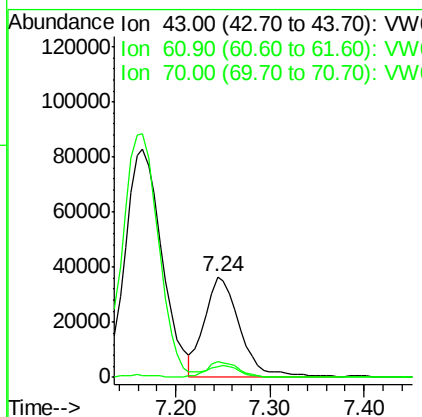
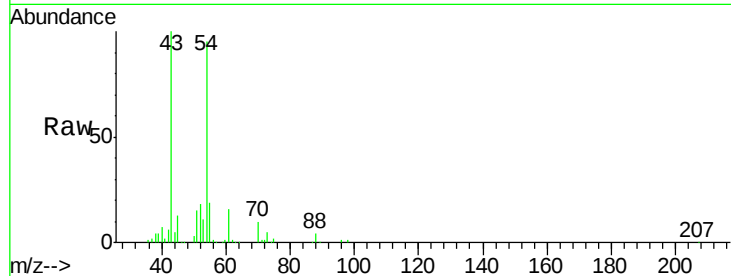
#37
 Ethyl Acetate
 Concen: 18.872 ug/l
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Instrument :
 MSVOA_W
 ClientSampled :
 VW0108SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.7	17.5
70	11.2	9.0	13.6

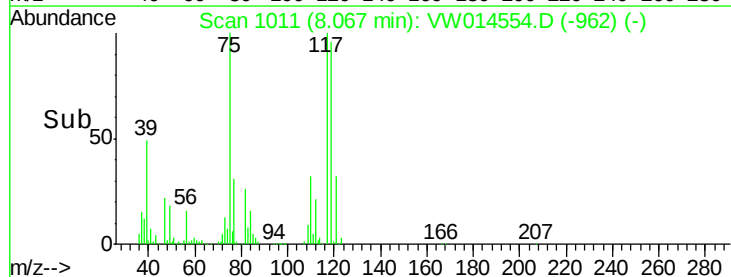
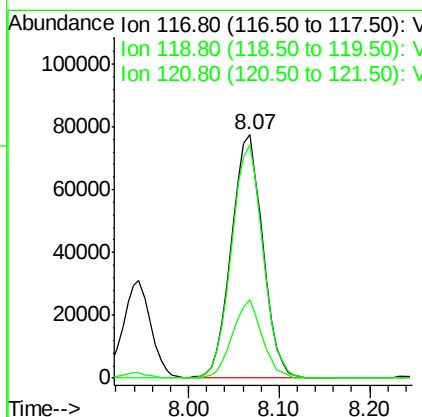
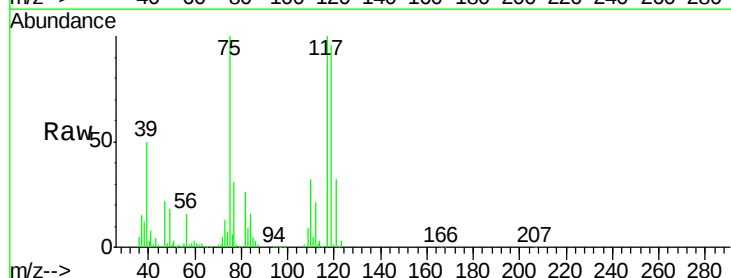
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#38
 Carbon Tetrachloride
 Concen: 19.624 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.0	115.6
121	32.1	24.6	36.8





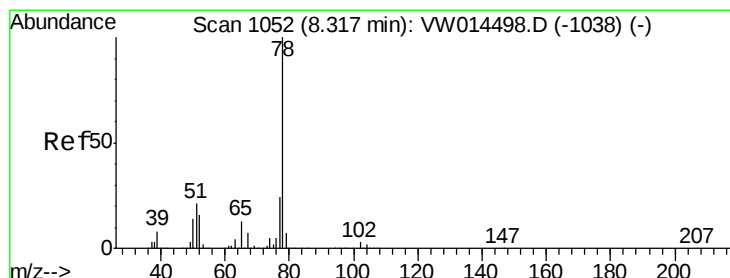
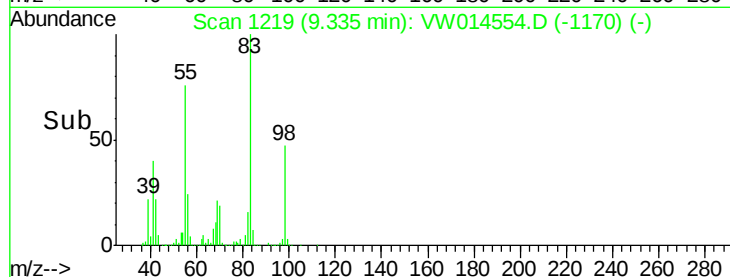
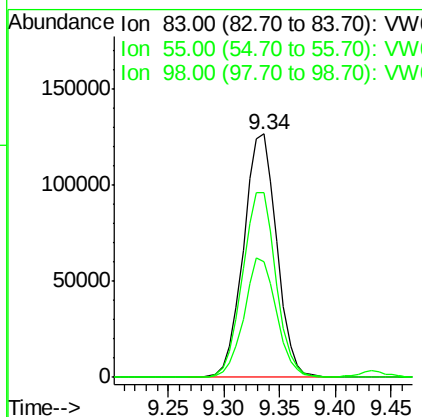
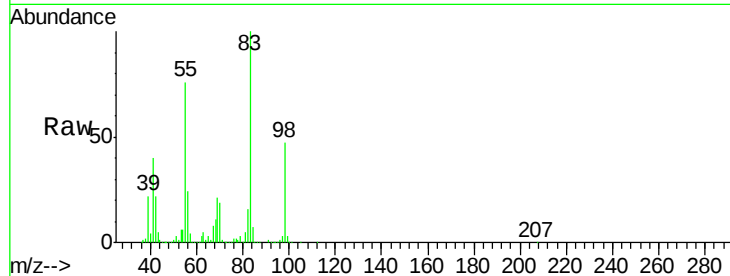
#39
Methylcyclohexane
Concen: 18.725 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0108SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.1	90.1
98	47.4	38.8	58.2

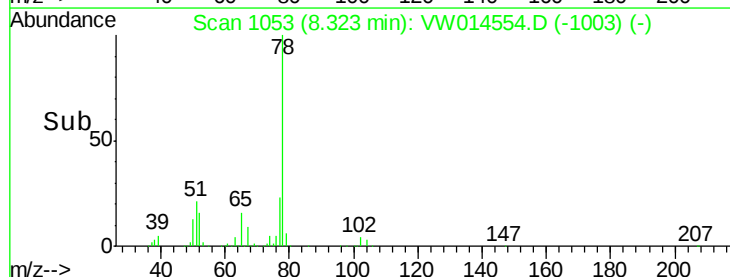
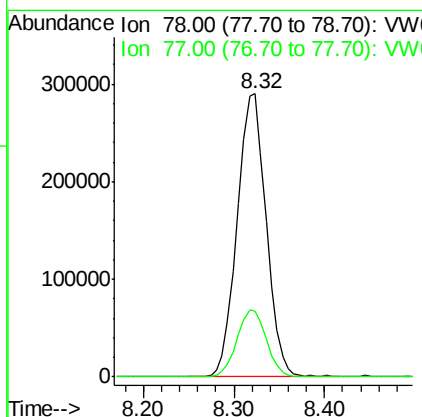
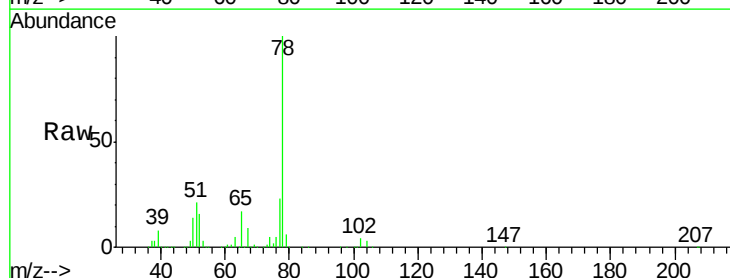
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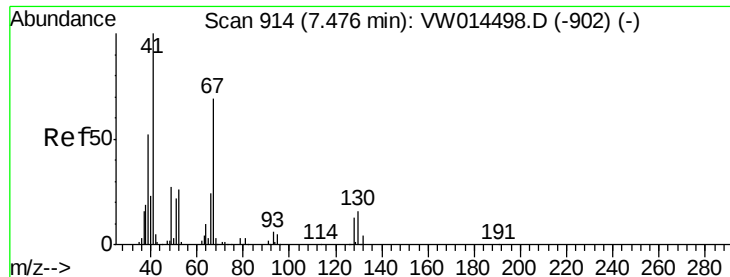
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#40
Benzene
Concen: 20.833 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





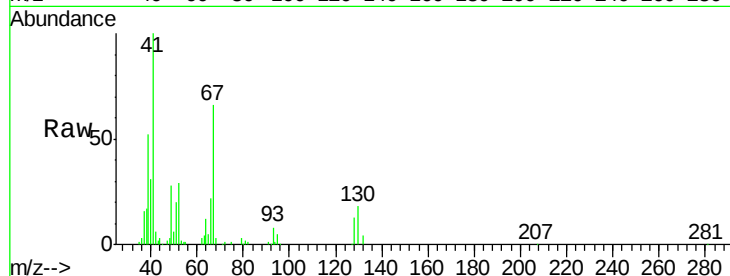
#41
Methacrylonitrile
Concen: 20.130 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0108SBSD01

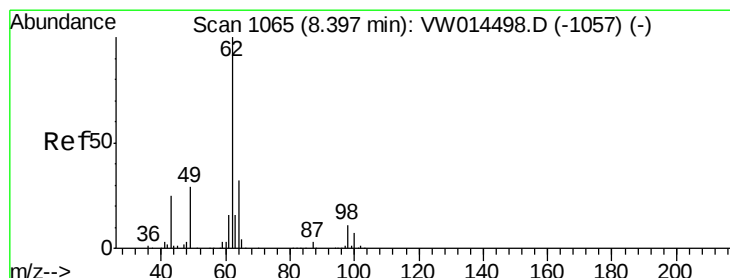
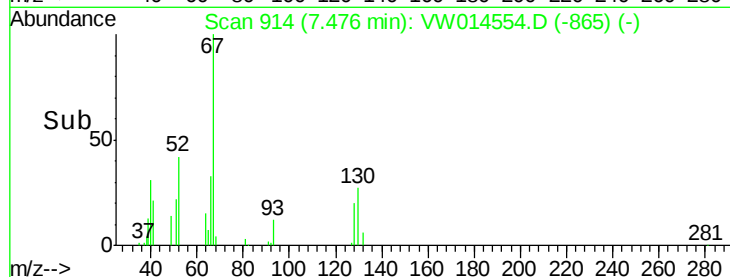
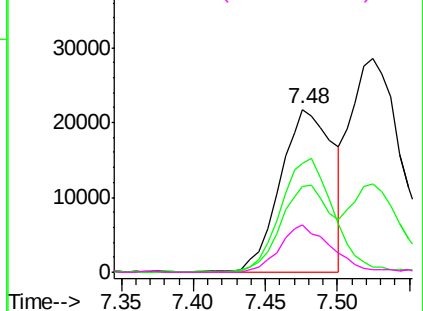
Tgt Ion	Ratio	Lower	Upper
41	100		
39	50.7	46.0	69.0
67	70.5	60.8	91.2
52	28.8	23.7	35.5

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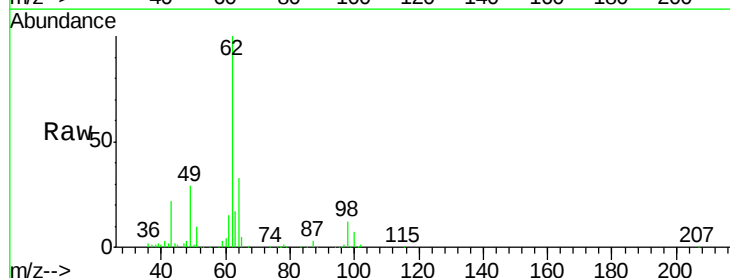


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

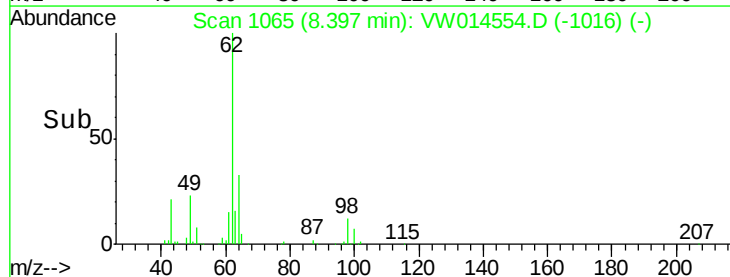
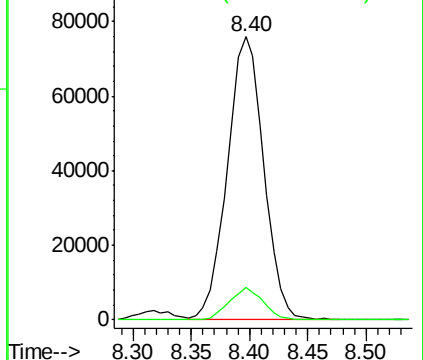


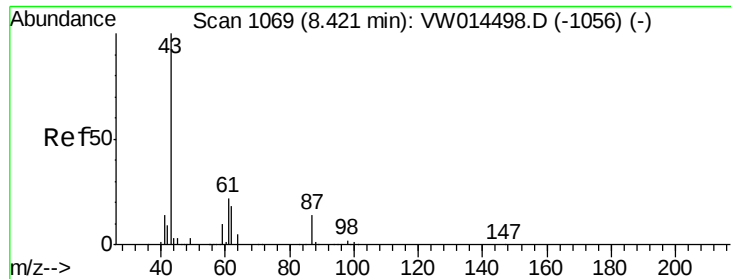
#42
1,2-Dichloroethane
Concen: 20.509 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





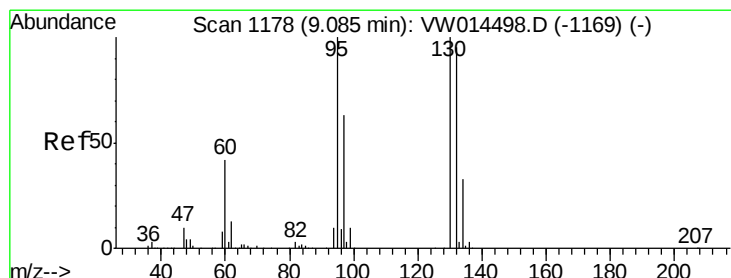
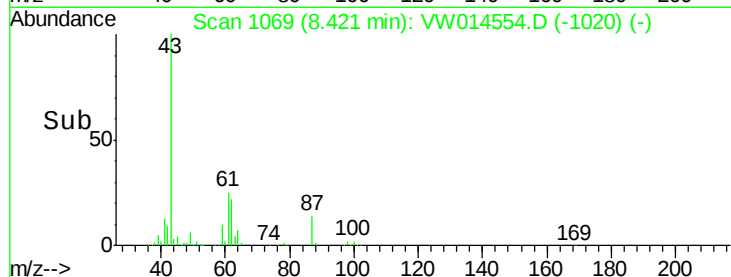
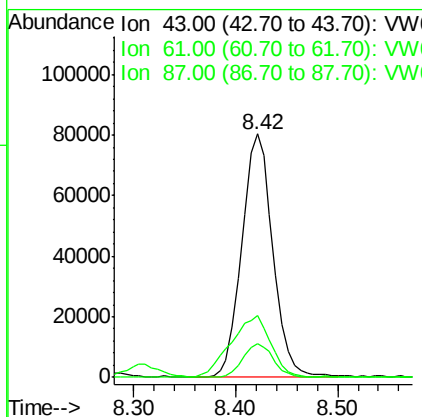
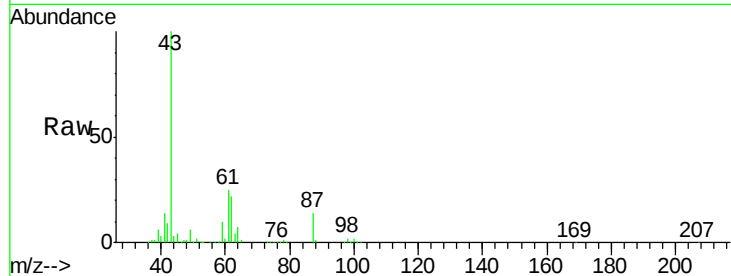
#43
Isopropyl Acetate
Concen: 18.689 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0108SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.3	24.7	37.1
87	14.0	11.1	16.7

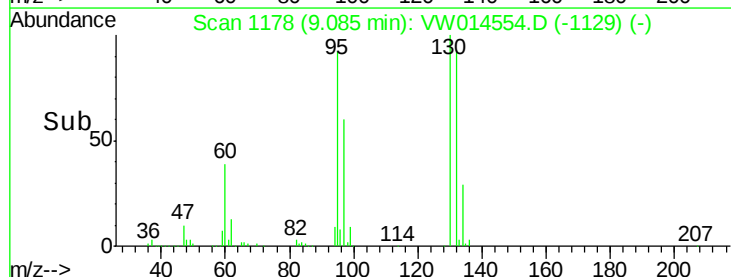
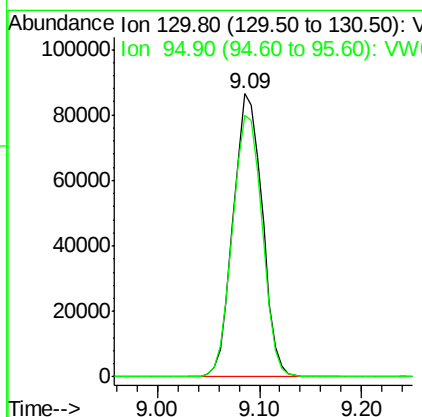
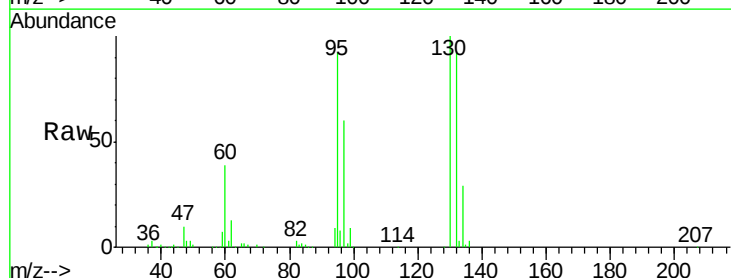
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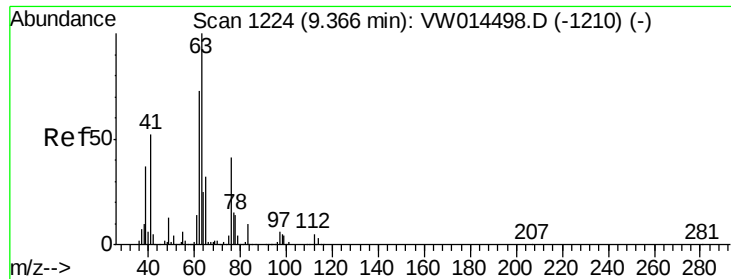
apatel
1/9/2020 9:29:01 AM



#44
Trichloroethene
Concen: 20.384 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	199.4





#45

1,2-Dichloropropane

Concen: 21.255 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0108SBS01

Tgt Ion: 63 Resp: 161377

Ion Ratio Lower Upper

63 100

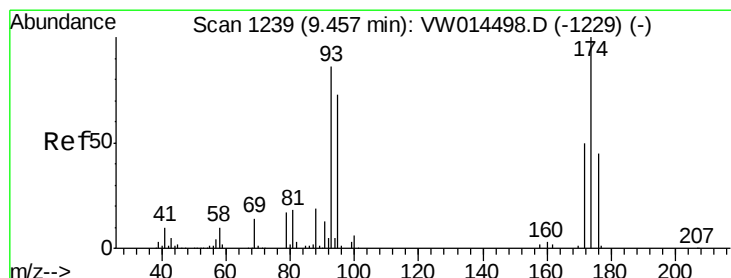
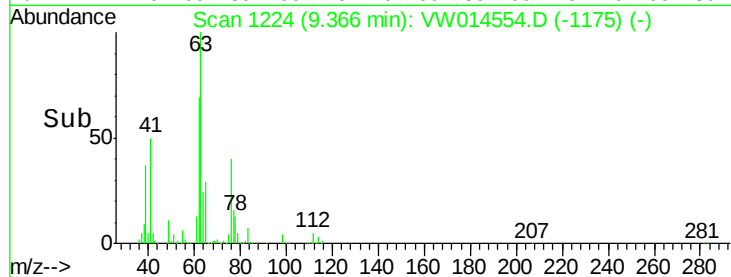
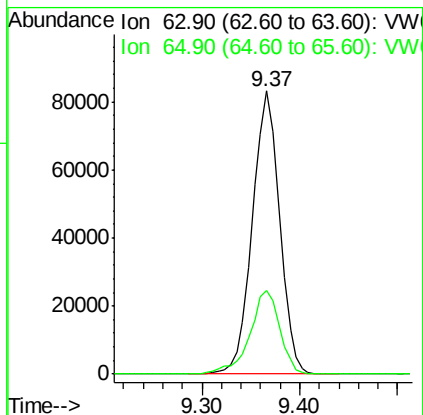
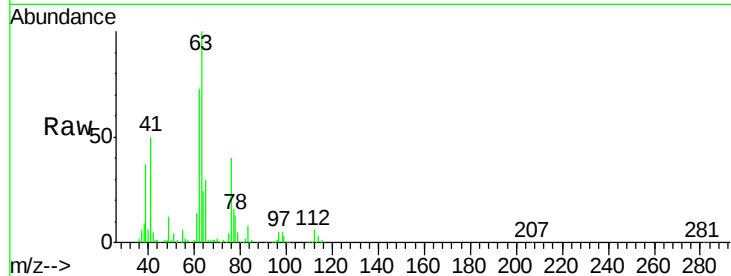
65 29.7 25.6 38.4

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#46

Dibromomethane

Concen: 20.117 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

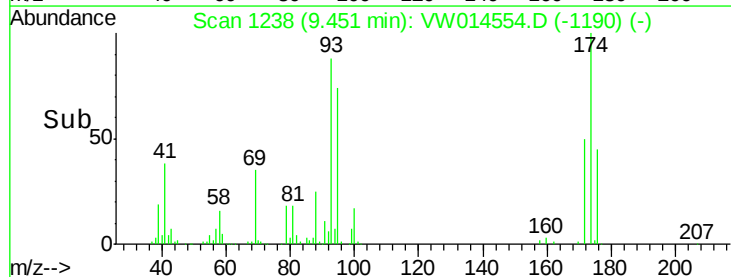
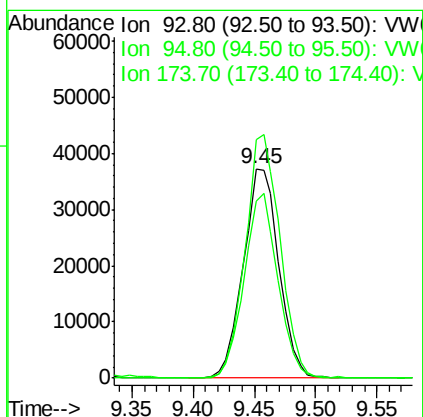
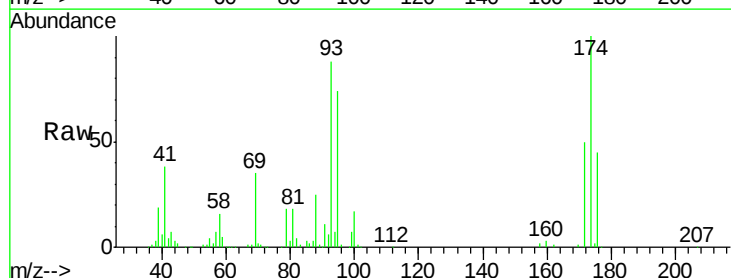
Tgt Ion: 93 Resp: 75402

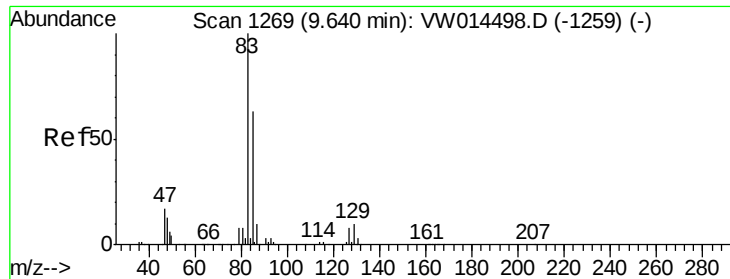
Ion Ratio Lower Upper

93 100

95 84.0 66.4 99.6

174 114.1 89.1 133.7





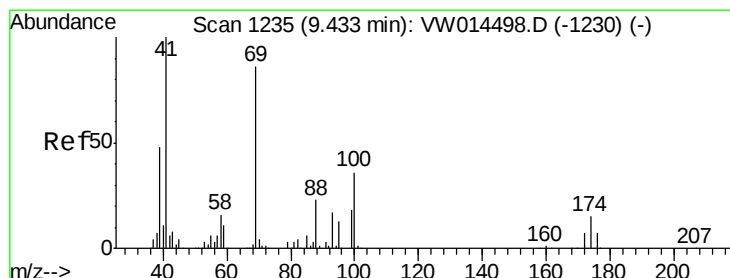
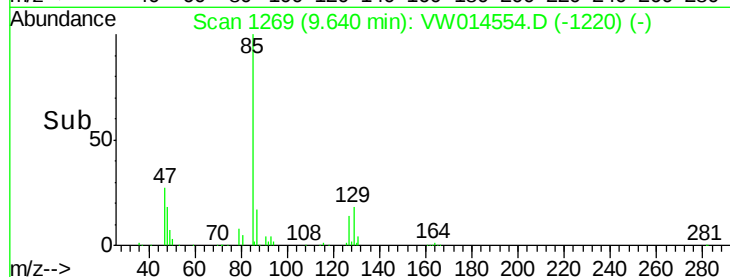
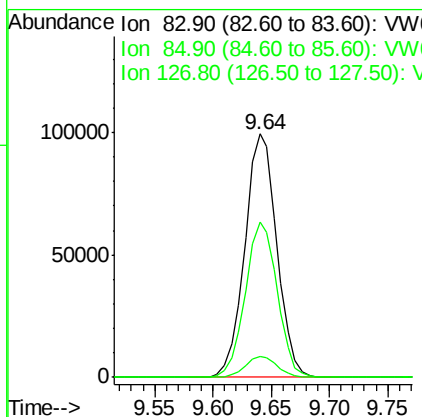
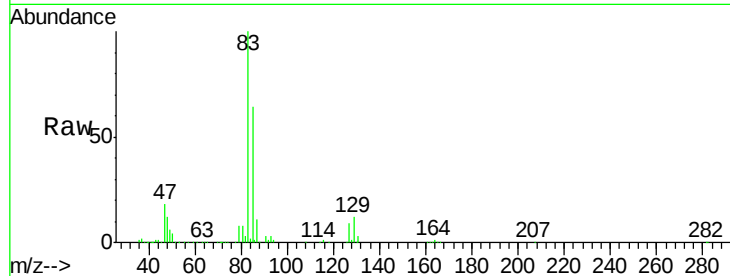
#47
 Bromodichloromethane
 Concen: 20.580 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0108SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.6	76.0
127	8.6	6.6	9.8

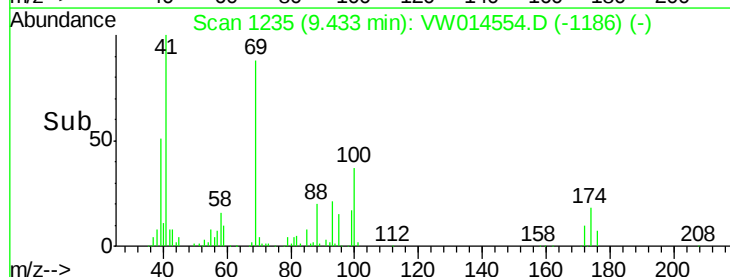
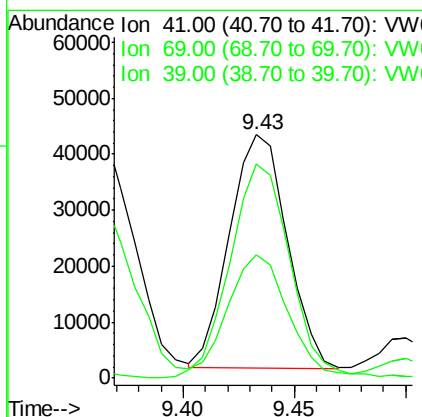
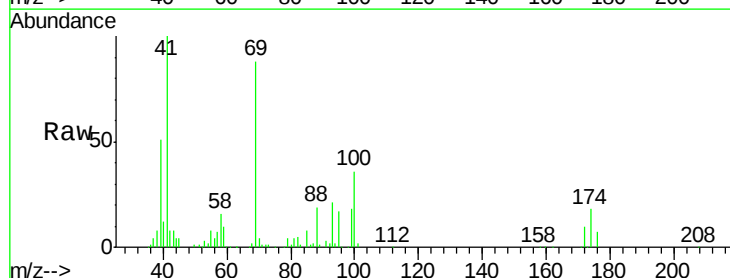
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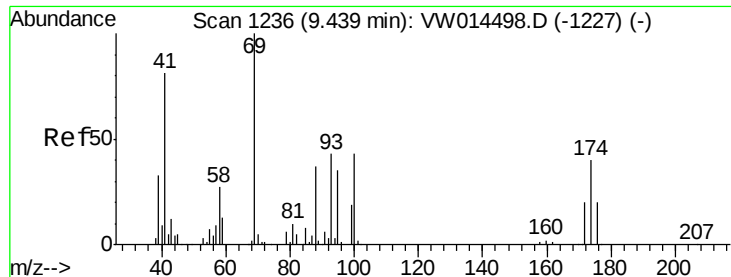
apatel
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#48
 Methyl methacrylate
 Concen: 17.098 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
41	100		
69	95.4	68.3	102.5
39	51.2	36.8	55.2





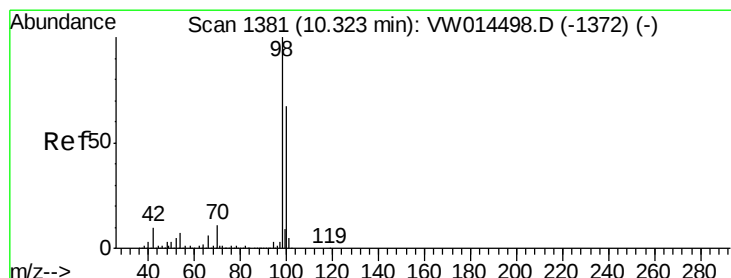
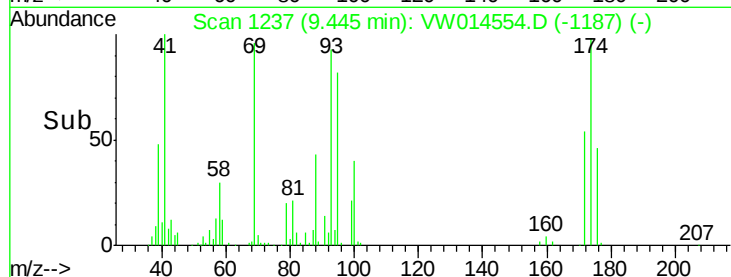
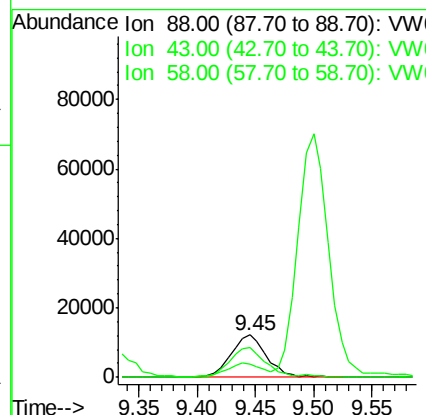
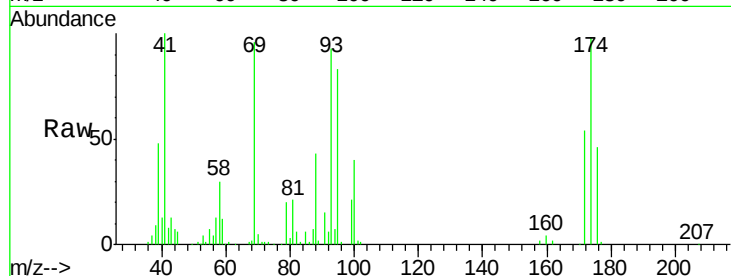
#49
1,4-Dioxane
Concen: 364.763 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0108SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.0	24.9	37.3
58	75.7	56.9	85.3

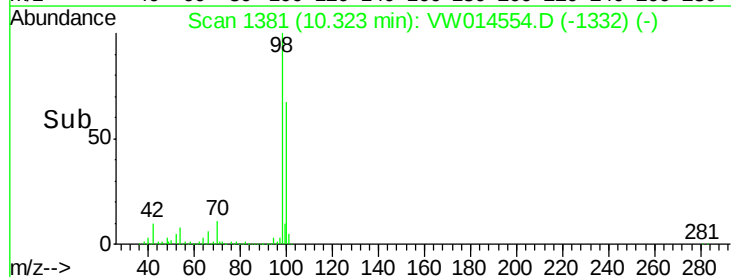
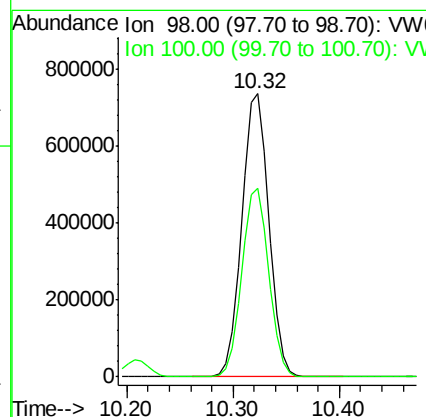
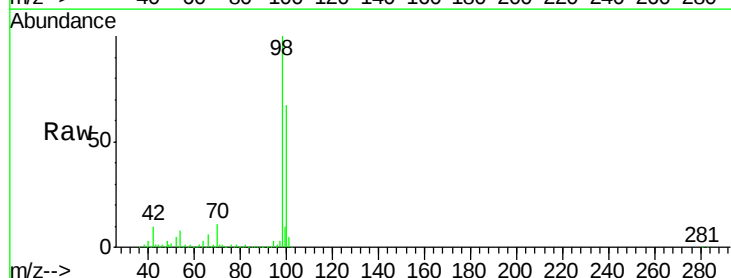
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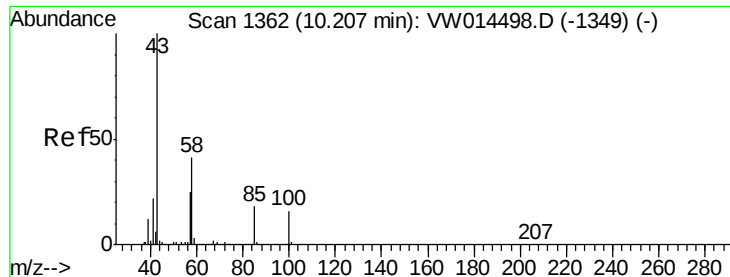
apatel
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#50
Toluene-d8
Concen: 48.677 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.8	80.6





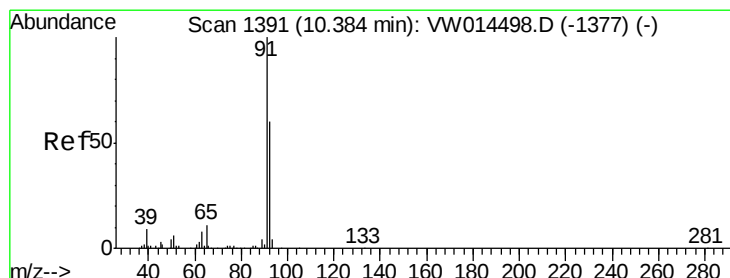
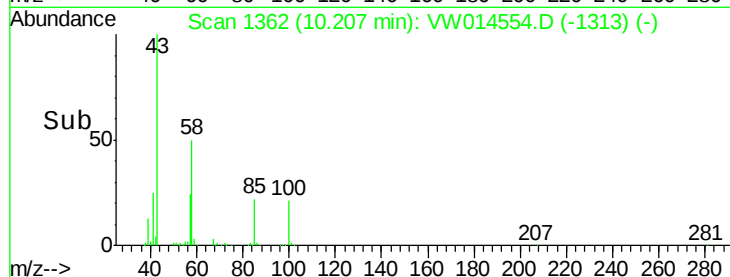
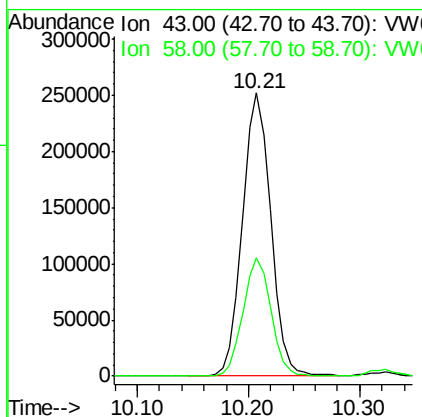
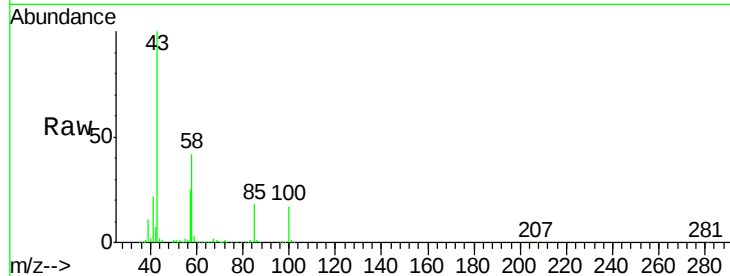
#51
4-Methyl-2-Pentanone
Concen: 95.414 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0108SBS01

Tgt Ion: 43 Resp: 446237
Ion Ratio Lower Upper
43 100
58 41.2 32.7 49.1

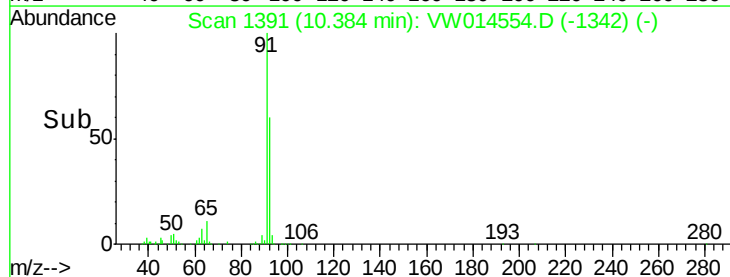
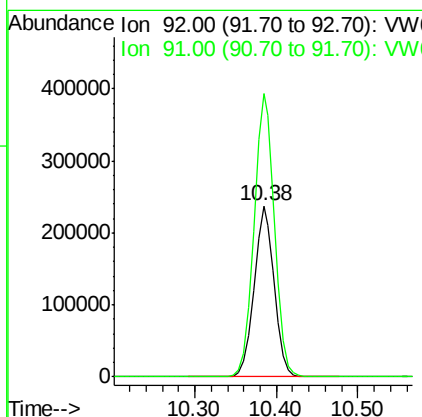
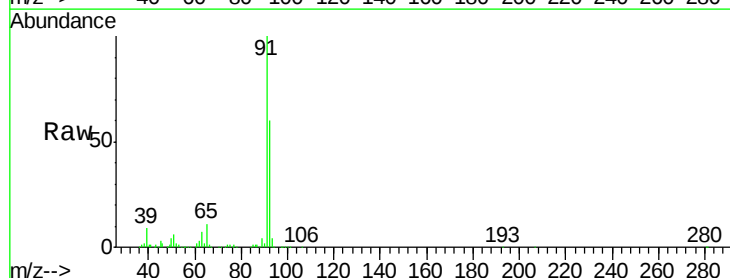
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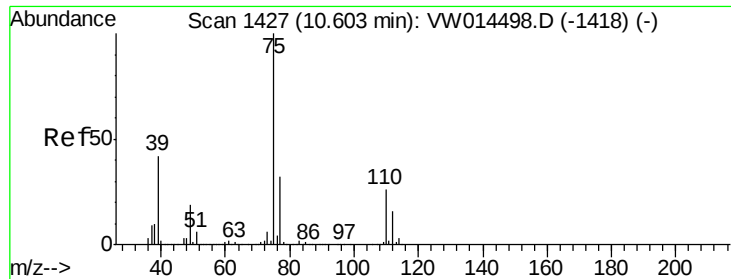
apatel
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#52
Toluene
Concen: 20.968 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion: 92 Resp: 408144
Ion Ratio Lower Upper
92 100
91 169.0 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 20.147 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

ClientSampled :

VW0108SBS01

Tgt Ion: 75 Resp: 193033

Ion Ratio Lower Upper

75 100

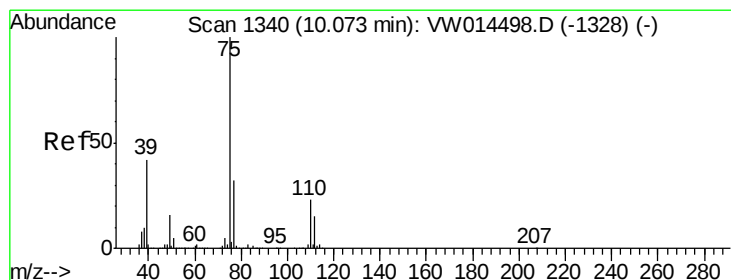
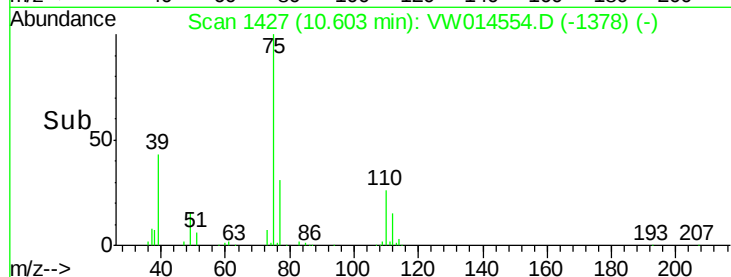
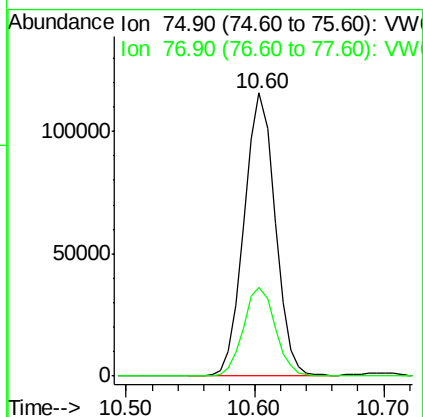
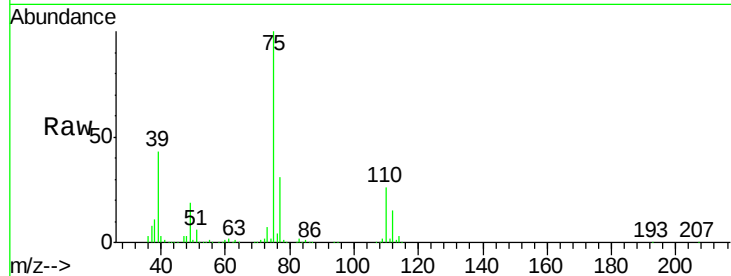
77 31.4 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 20.623 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

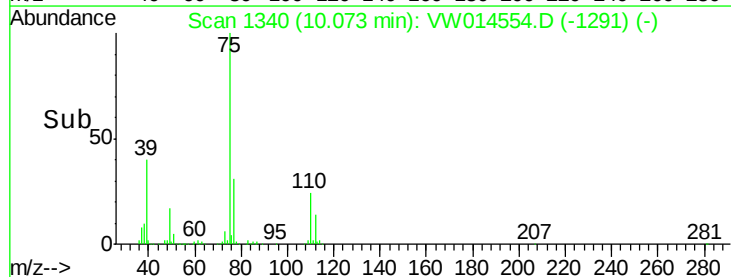
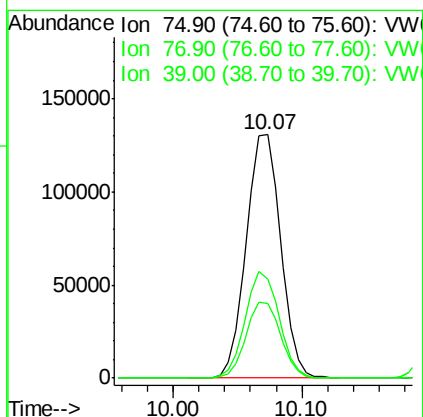
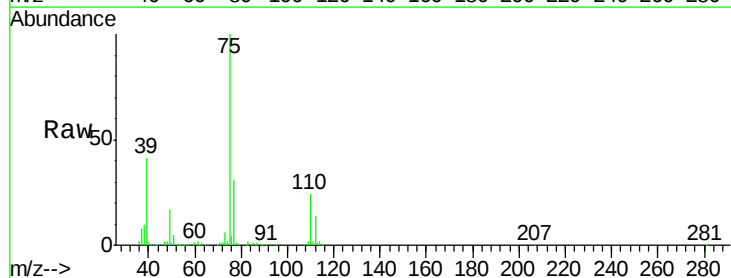
Tgt Ion: 75 Resp: 241493

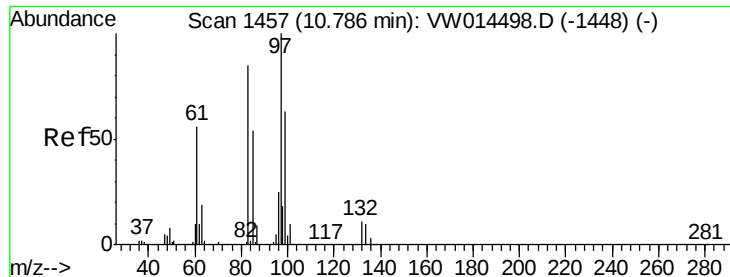
Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0

39 40.5 33.4 50.2





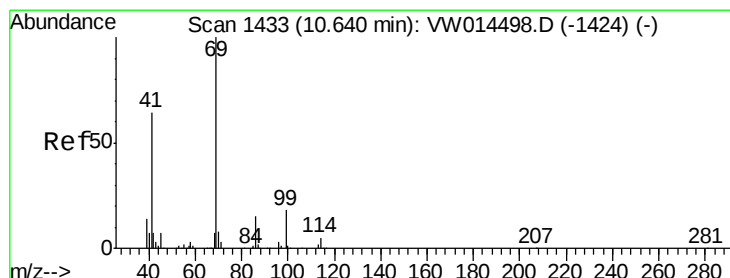
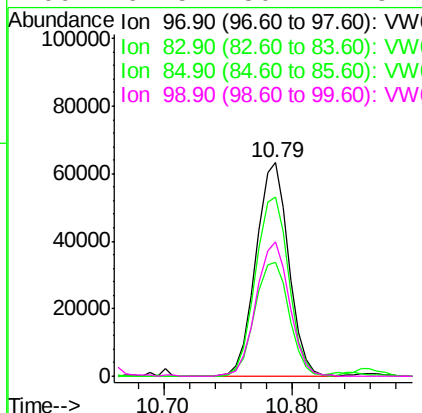
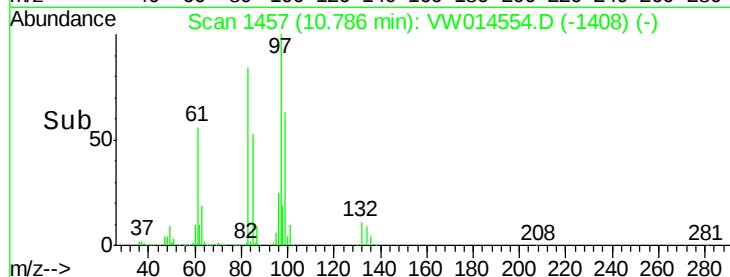
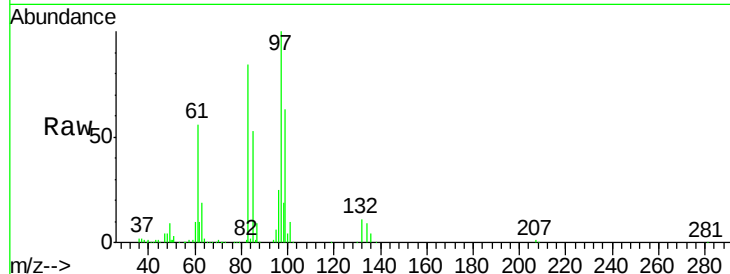
#55
 1,1,2-Trichloroethane
 Concen: 20.272 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0108SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	110971		
83	83.7	68.2	102.4	
85	53.1	43.0	64.4	
99	62.5	50.1	75.1	

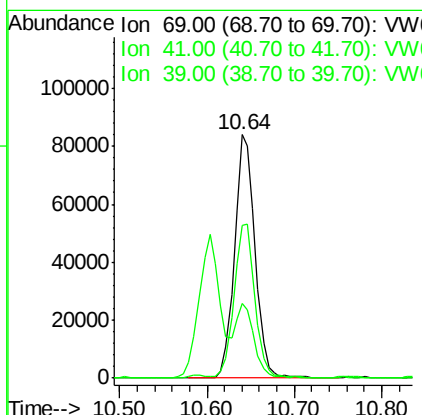
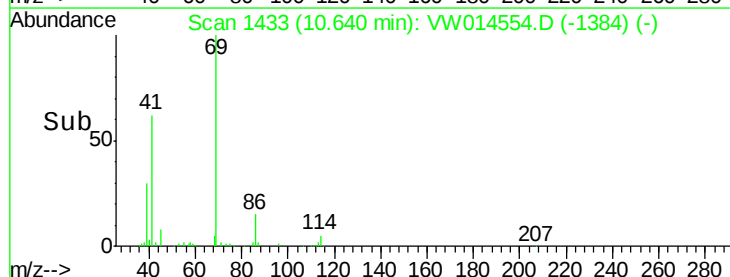
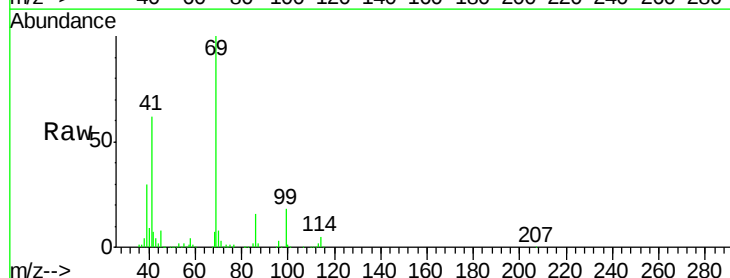
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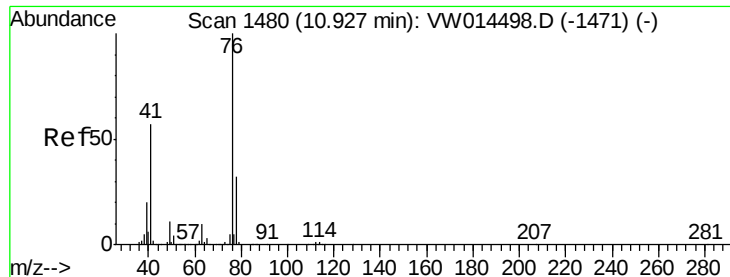
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#56
 Ethyl methacrylate
 Concen: 19.415 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	138121		
41	63.7	51.3	76.9	
39	26.4	21.0	31.6	





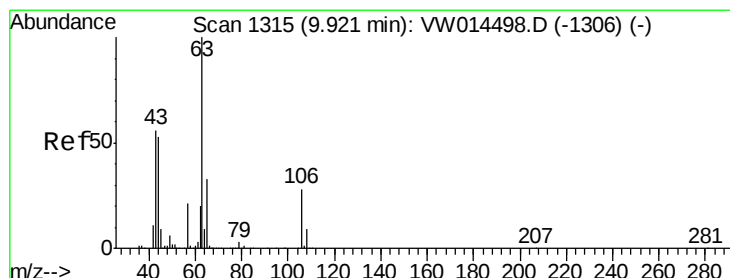
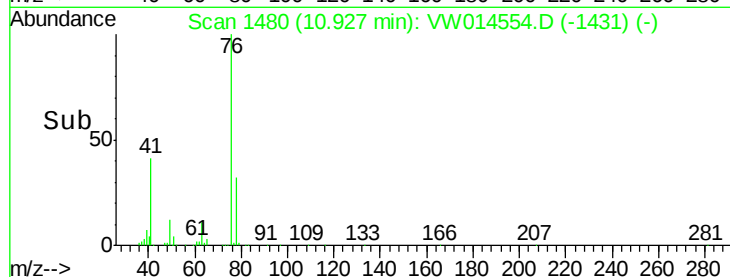
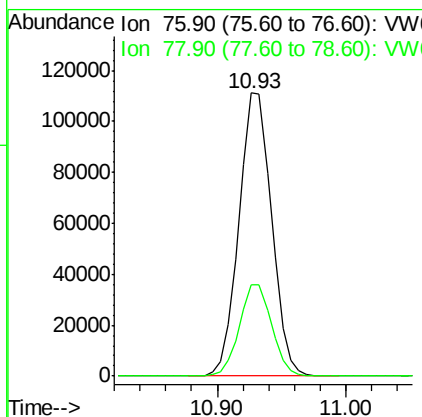
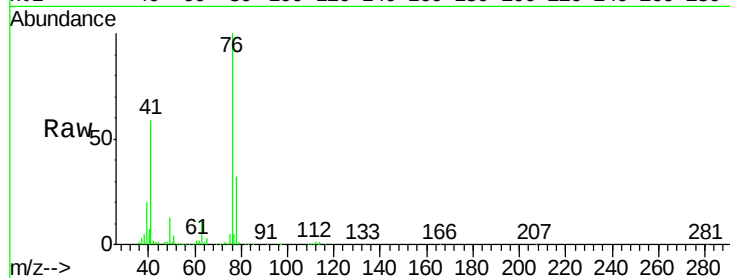
#57
 1,3-Dichloropropane
 Concen: 20.299 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0108SBS01

Tgt Ion: 76 Resp: 195290
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9

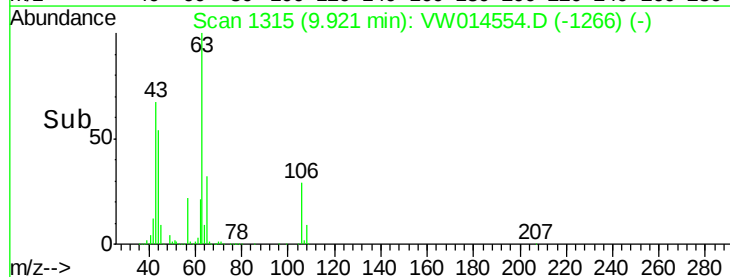
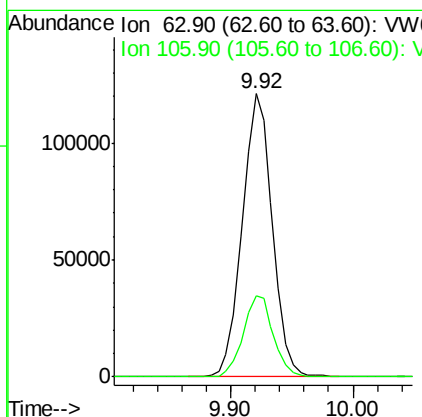
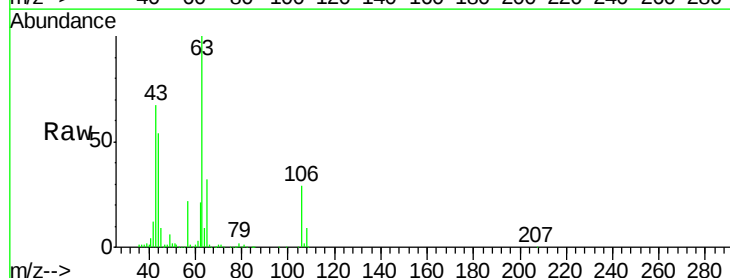
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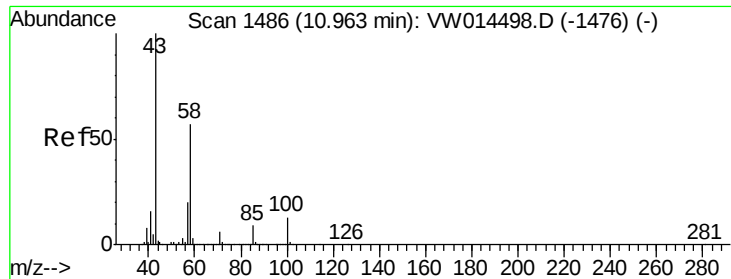
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#58
 2-Chloroethyl Vinyl ether
 Concen: 95.069 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Tgt Ion: 63 Resp: 205693
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.0 34.6





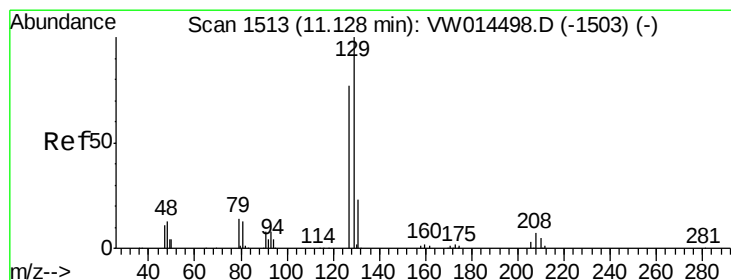
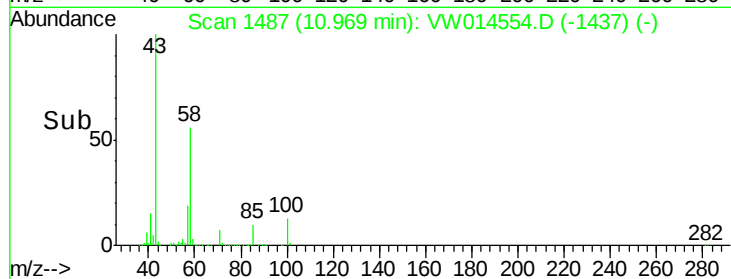
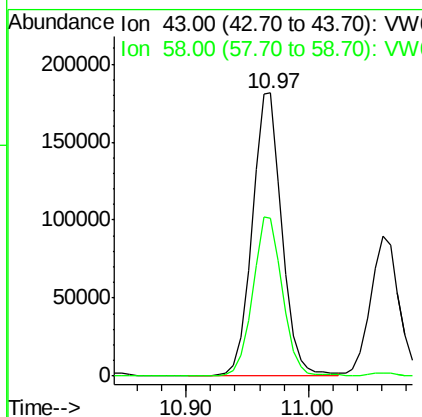
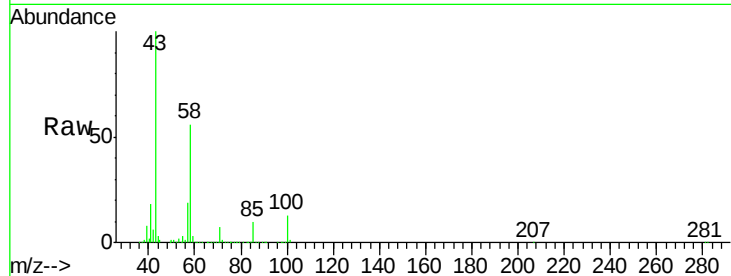
#59
2-Hexanone
Concen: 94.961 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0108SBSD01

Tgt Ion: 43 Resp: 306037
Ion Ratio Lower Upper
43 100
58 56.3 28.7 86.3

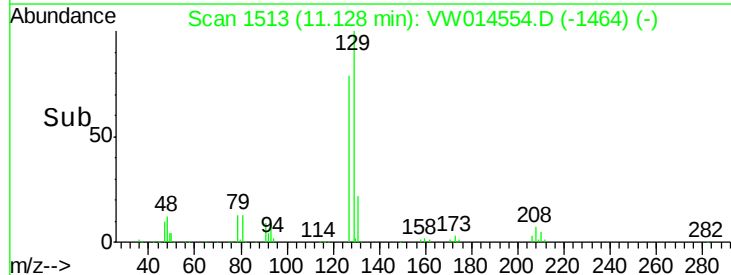
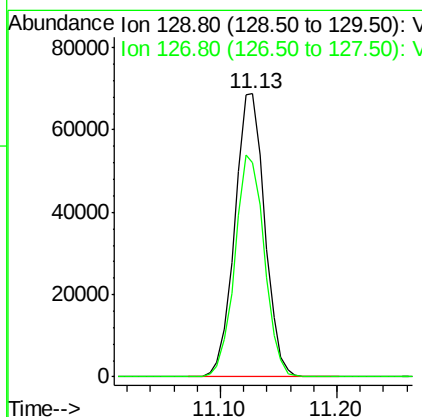
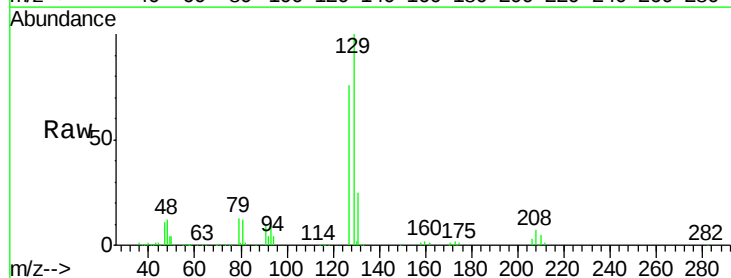
Manual Integrations
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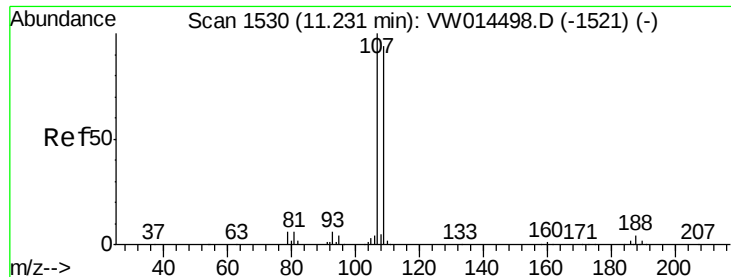
apatel
1/9/2020 9:29:01 AM



#60
Dibromochloromethane
Concen: 20.027 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion: 129 Resp: 123692
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.5





#61

1,2-Dibromoethane

Concen: 20.186 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

ClientSampleId :

VW0108SBSD01

Tgt Ion: 107 Resp: 104888

Ion Ratio Lower Upper

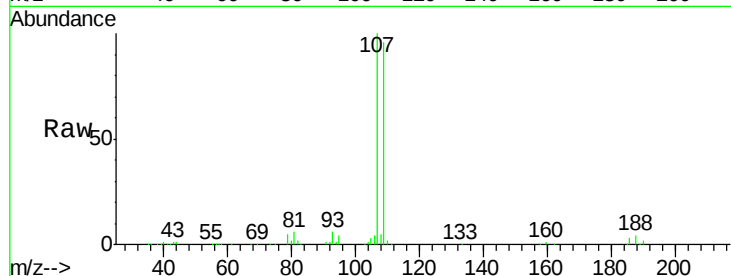
107 100

109 93.6 75.1 112.7

Manual Integrations
APPROVED

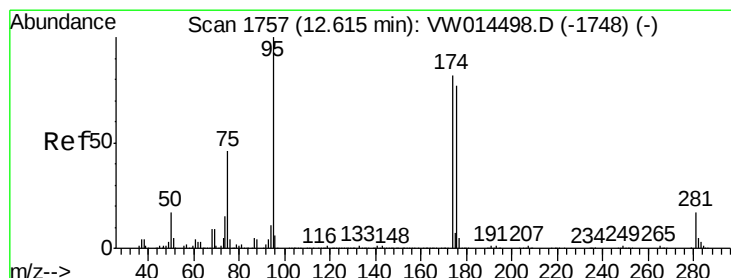
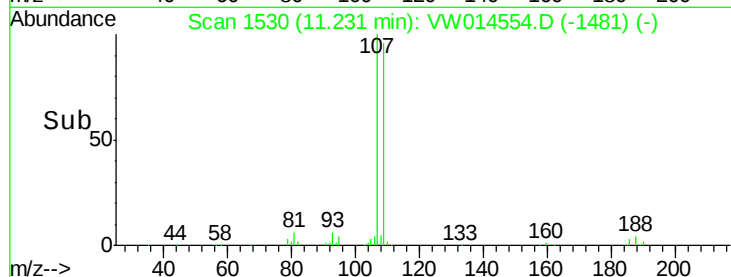
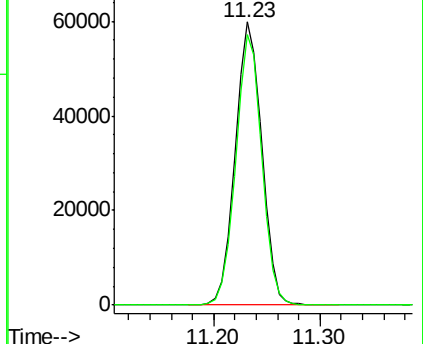
apatel

1/9/2020 9:29:01 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.905 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

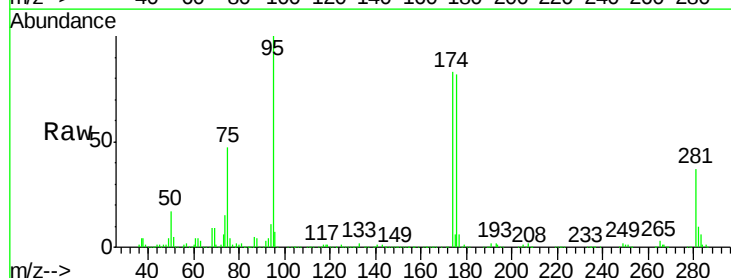
Tgt Ion: 95 Resp: 448777

Ion Ratio Lower Upper

95 100

174 84.5 0.0 168.6

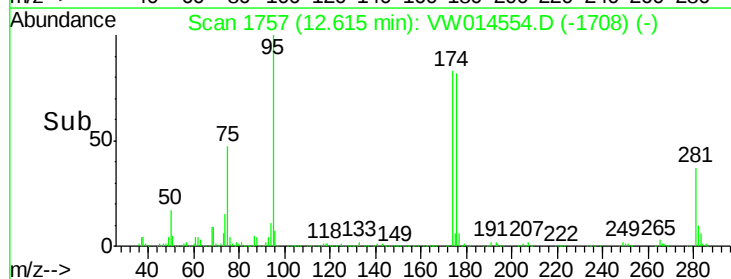
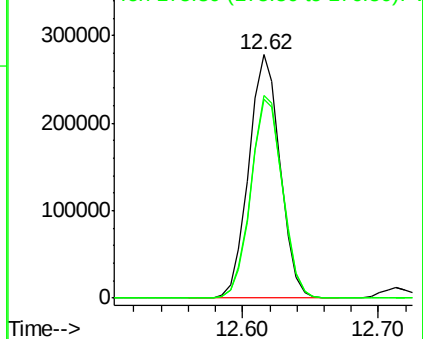
176 82.7 0.0 162.0

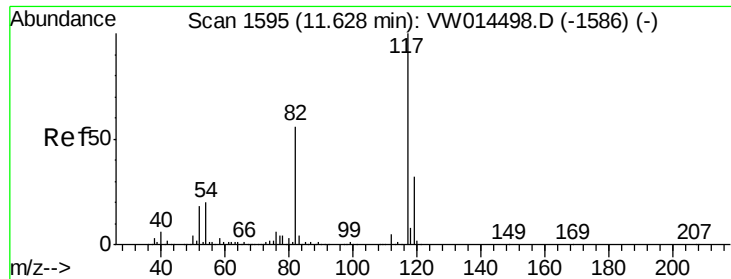


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





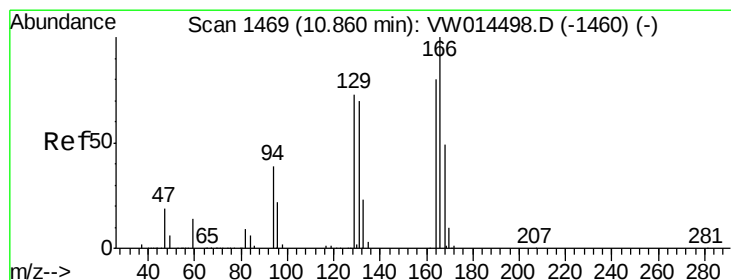
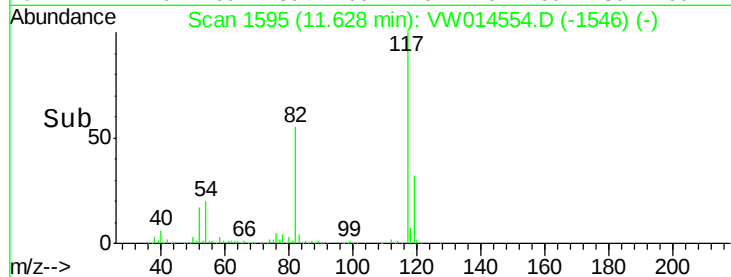
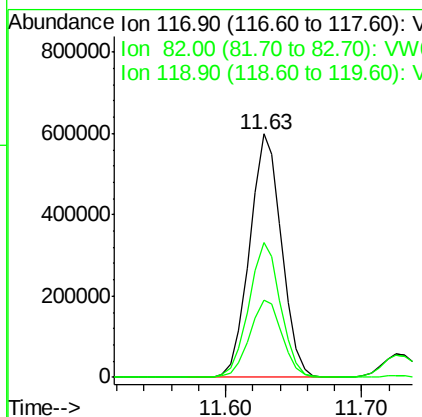
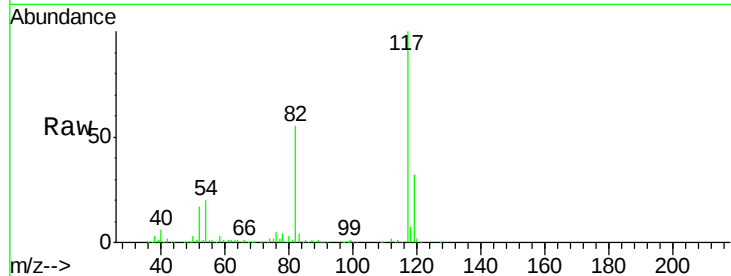
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0108SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	984283		
82	55.4	44.6	67.0	
119	31.8	25.7	38.5	

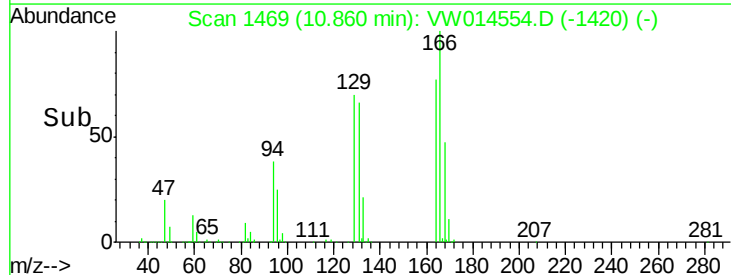
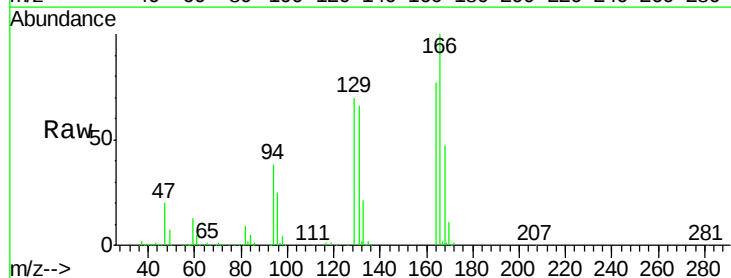
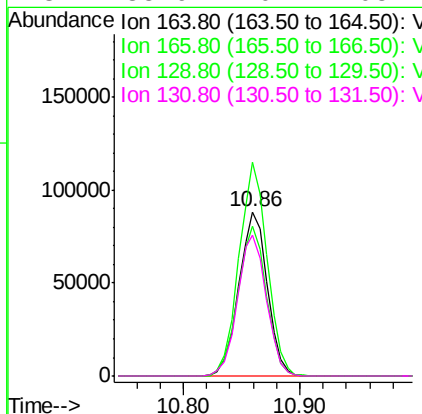
Manual Integrations
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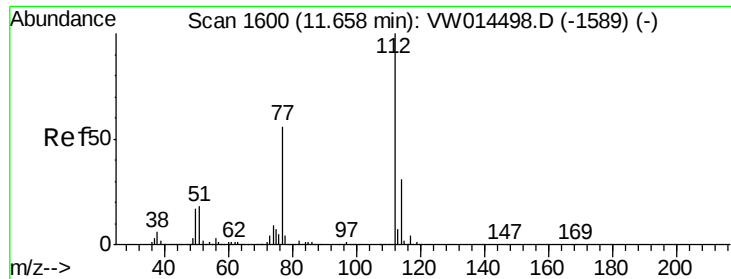
apatel
1/9/2020 9:29:01 AM



#64
Tetrachloroethene
Concen: 21.083 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	150237		
166	129.9	99.8	149.6	
129	91.3	72.4	108.6	
131	85.9	70.1	105.1	





#65

Chlorobenzene

Concen: 20.792 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

ClientSampled :

VW0108SBS01

Tgt Ion:112 Resp: 419269

Ion Ratio Lower Upper

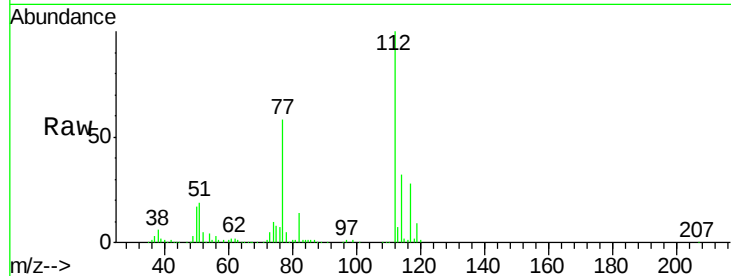
112 100

114 31.5 24.6 37.0

Manual Integrations
APPROVED

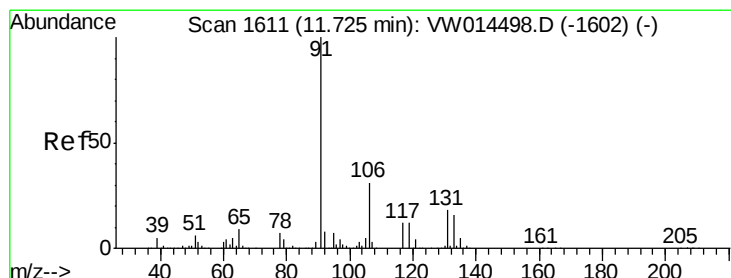
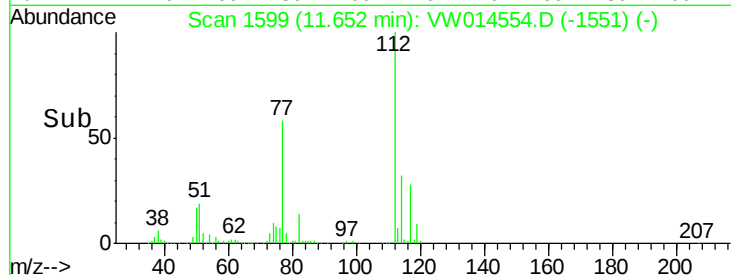
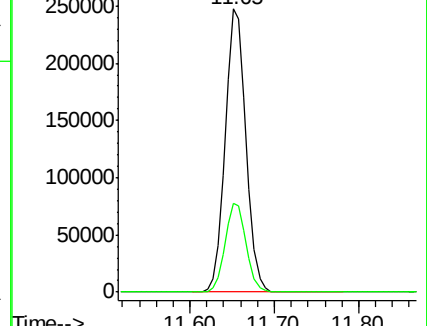
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.793 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

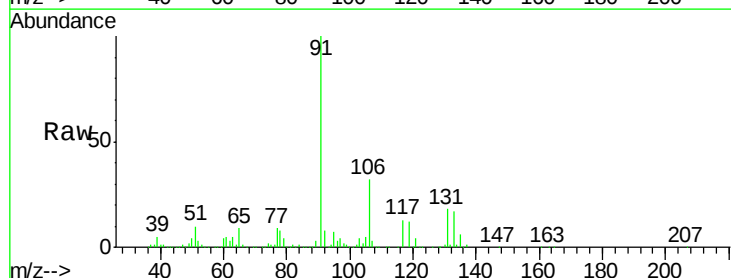
Tgt Ion:131 Resp: 141175

Ion Ratio Lower Upper

131 100

133 96.0 47.3 142.0

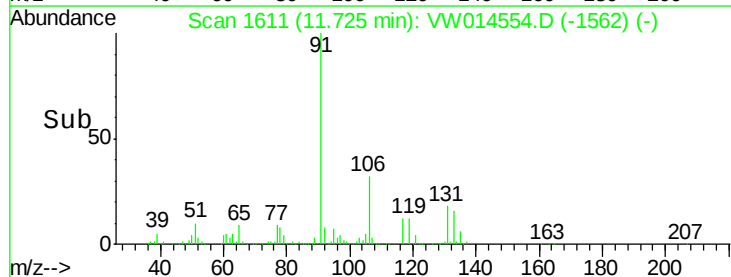
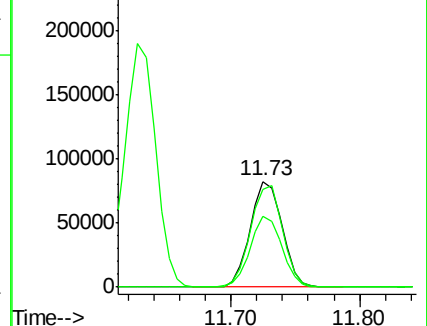
119 66.4 33.1 99.3

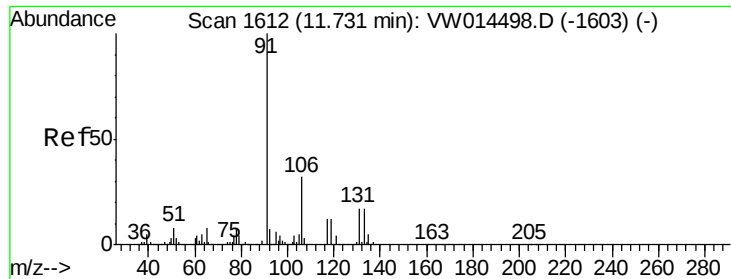


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





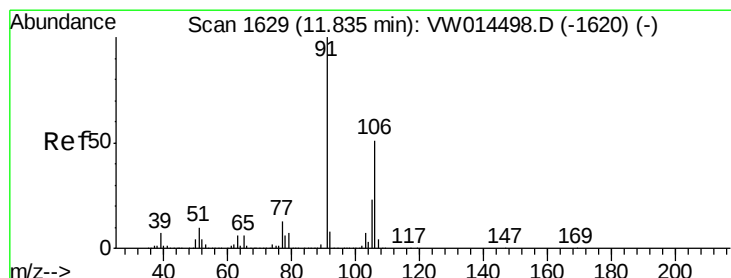
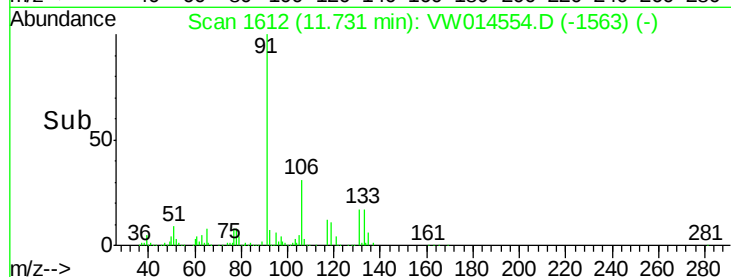
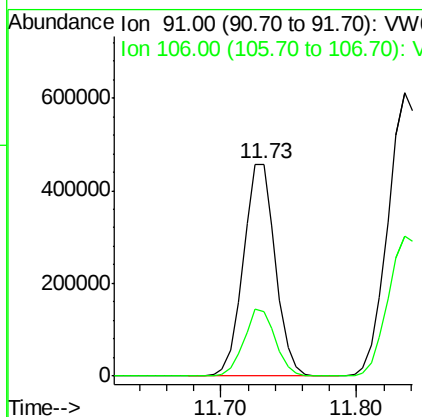
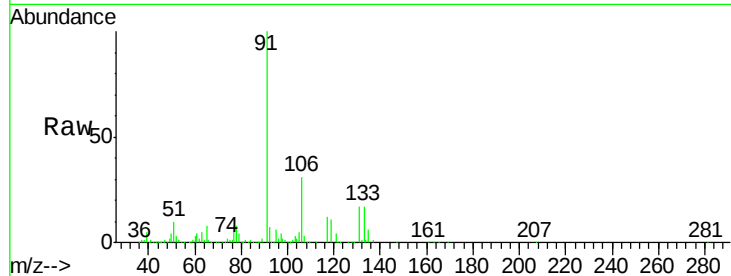
#67
Ethyl Benzene
Concen: 20.682 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampled :
VW0108SBSD01

Tgt Ion: 91 Resp: 751597
Ion Ratio Lower Upper
91 100
106 30.7 25.5 38.3

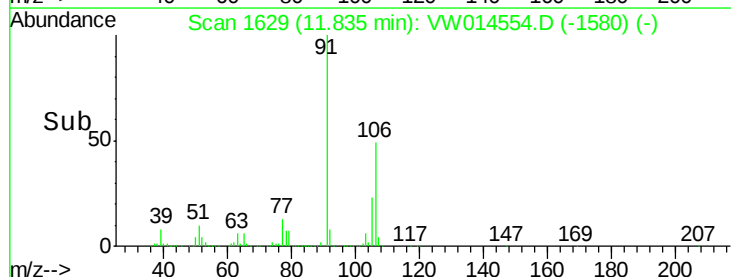
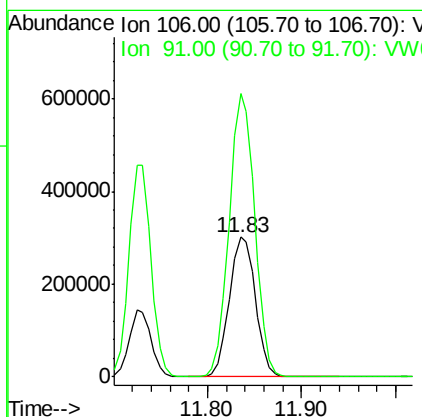
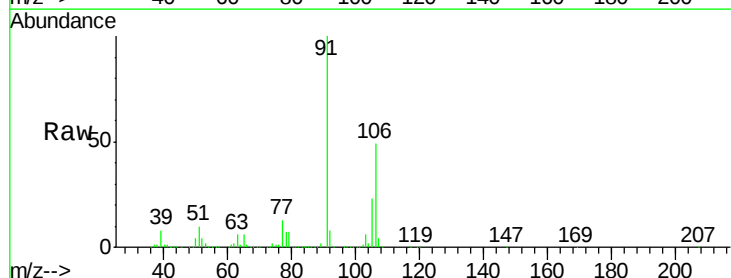
Manual Integrations
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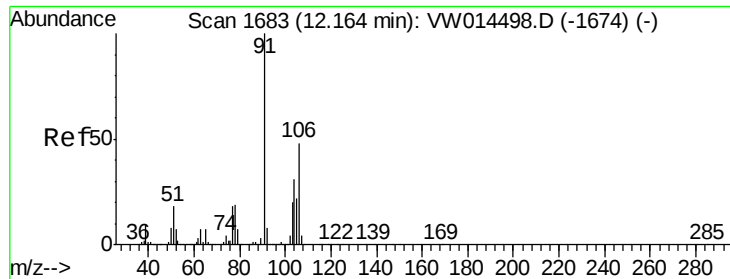
apatel
1/9/2020 9:29:01 AM



#68
m/p-Xylenes
Concen: 41.585 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion: 106 Resp: 578377
Ion Ratio Lower Upper
106 100
91 197.9 159.0 238.6





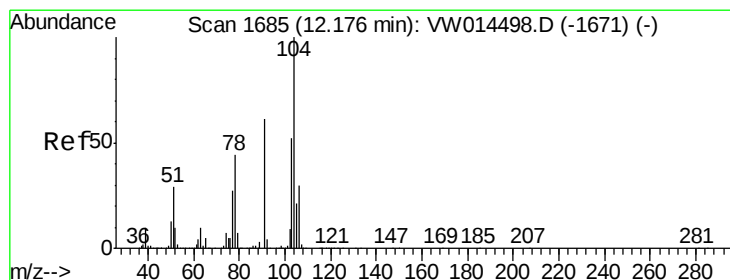
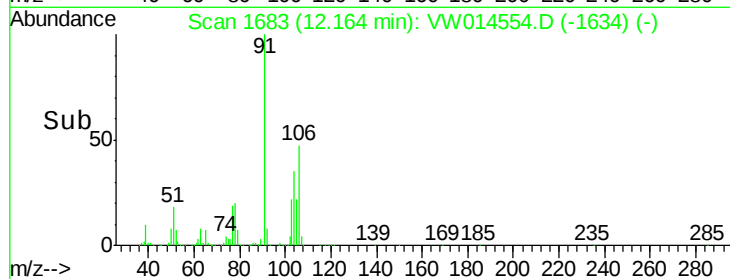
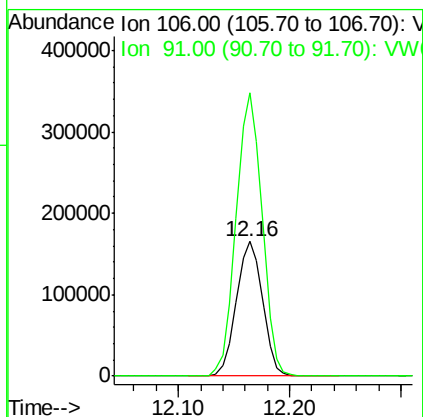
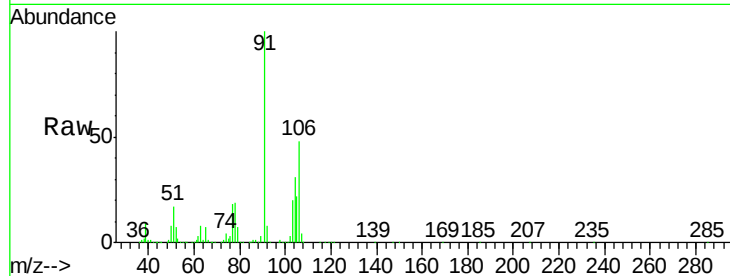
#69
o-Xylene
Concen: 20.915 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampled :
VW0108SBSD01

Tgt Ion:106 Resp: 268707
Ion Ratio Lower Upper
106 100
91 209.3 105.2 315.6

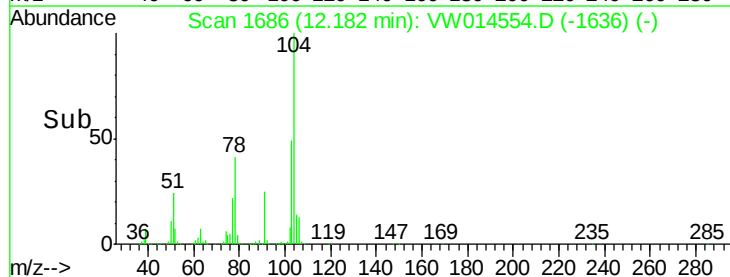
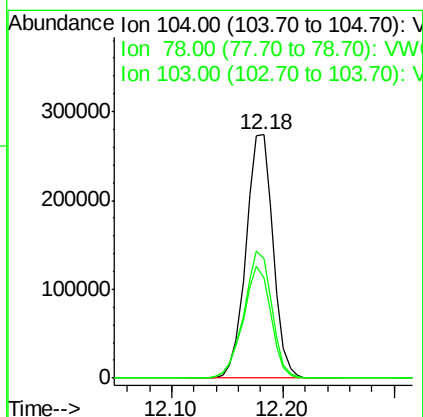
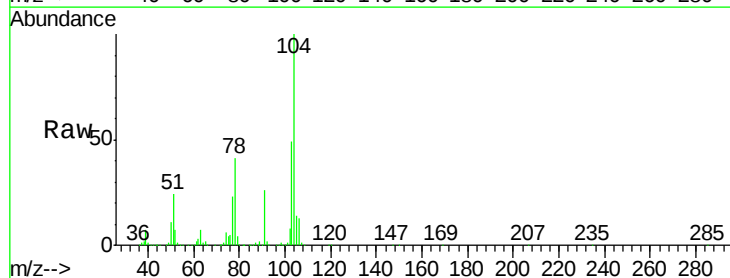
Manual Integrations
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#70
Styrene
Concen: 21.287 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion:104 Resp: 462558
Ion Ratio Lower Upper
104 100
78 47.3 38.4 57.6
103 54.0 43.7 65.5





#71

Bromoform

Concen: 19.148 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

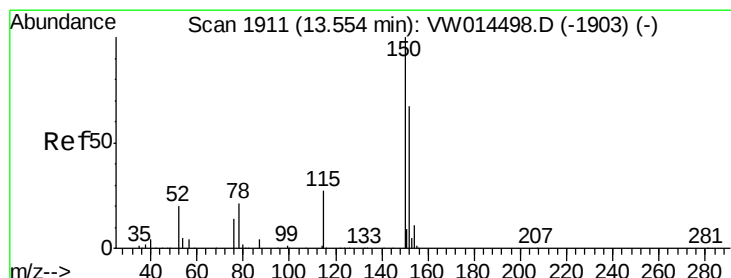
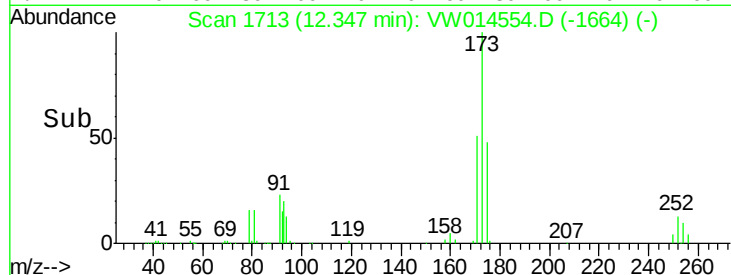
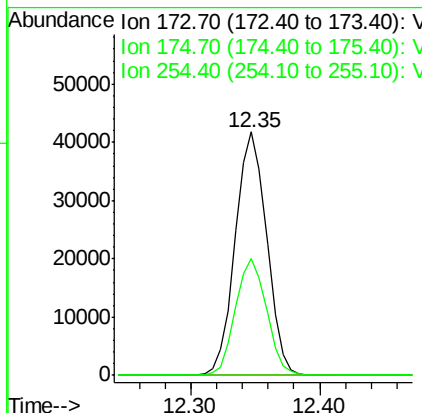
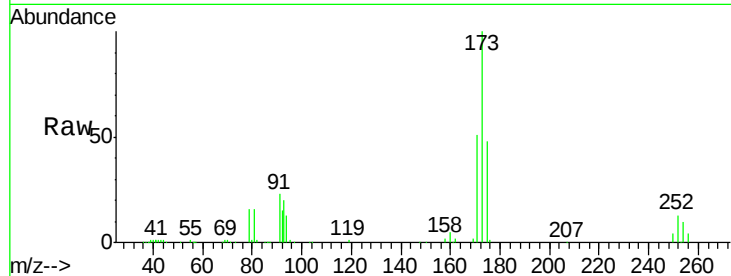
ClientSampleId :

VW0108SBSD01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.5	73.5
254	0.1	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

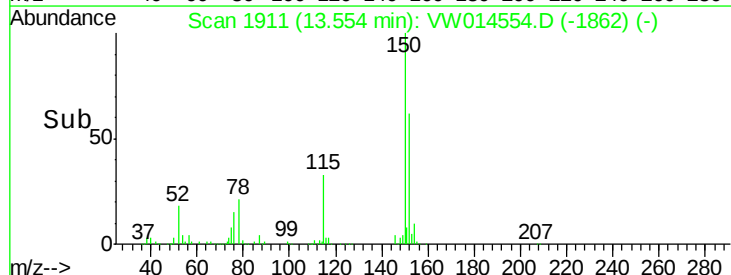
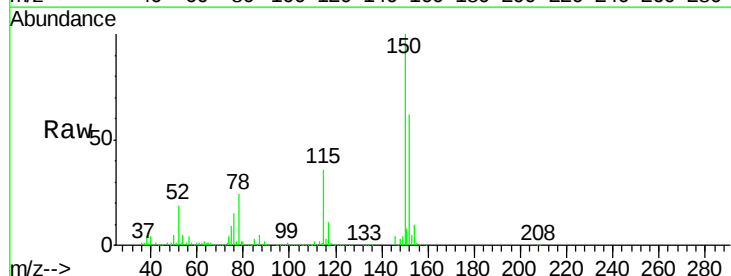
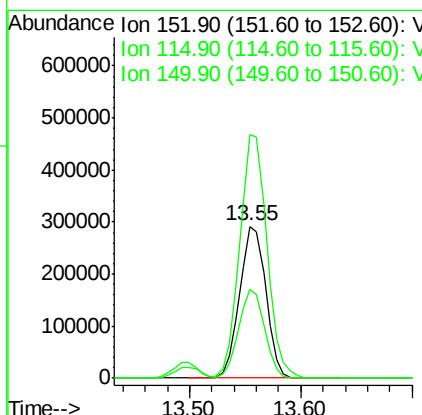
RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	27.7	83.1
150	166.1	0.0	343.4





#73

Isopropylbenzene

Concen: 20.573 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

ClientSampled :

VW0108SBS01

Tgt Ion: 105 Resp: 721963

Ion Ratio Lower Upper

105 100

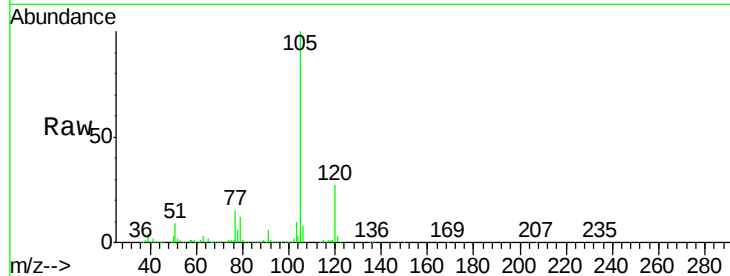
120 26.6 13.4 40.1

Manual Integrations

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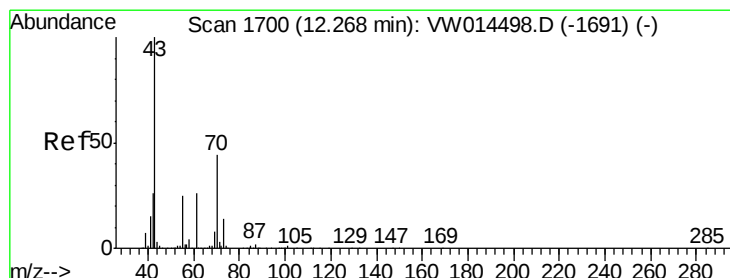
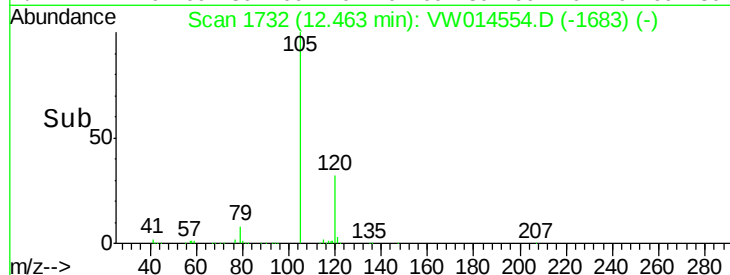
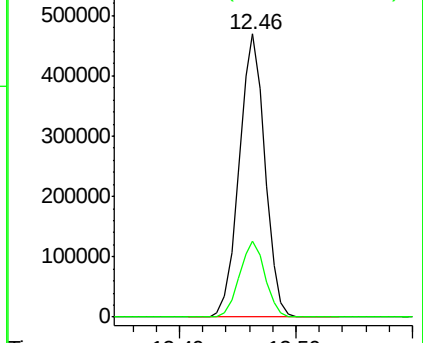
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.051 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Tgt Ion: 43 Resp: 149902

Ion Ratio Lower Upper

43 100

70 46.0 36.5 54.7

55 27.0 20.9 31.3

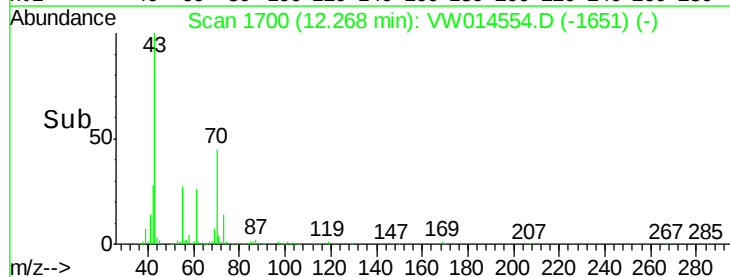
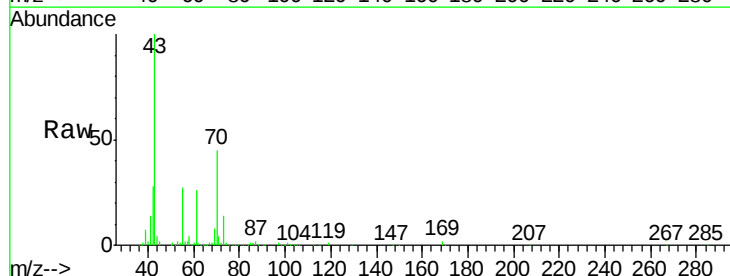
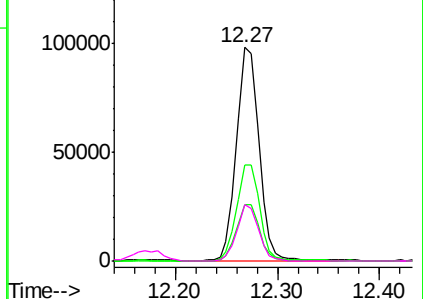
61 25.2 20.7 31.1

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.505 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

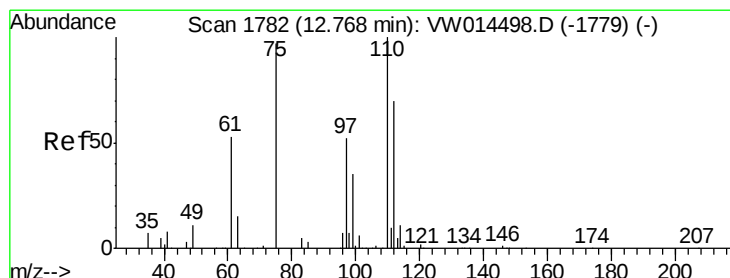
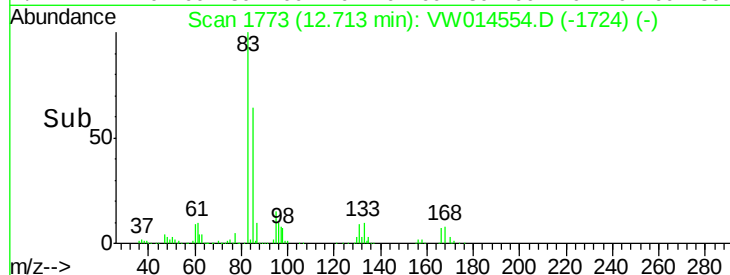
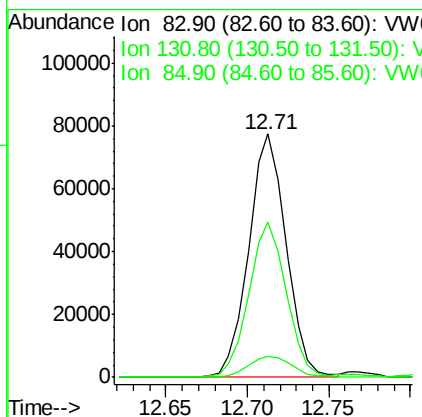
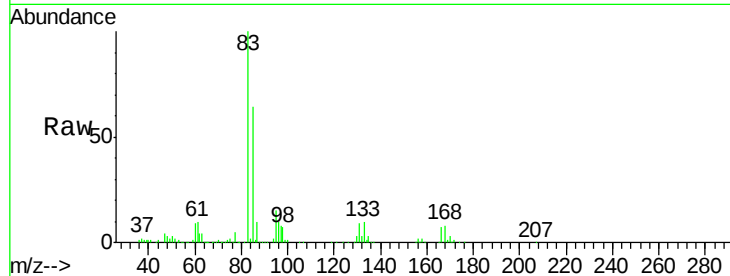
ClientSampled :

VW0108SBS01

Tgt Ion:	83	Resp:	123546
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.4
85	64.3	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 16.503 ug/l m

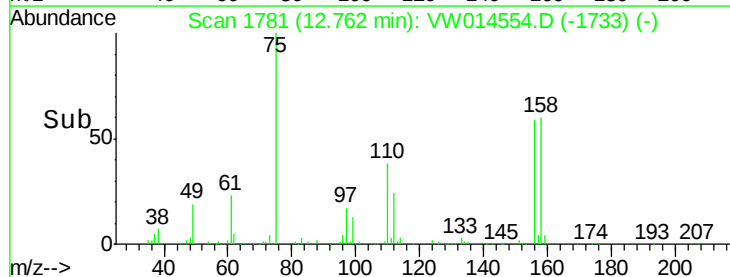
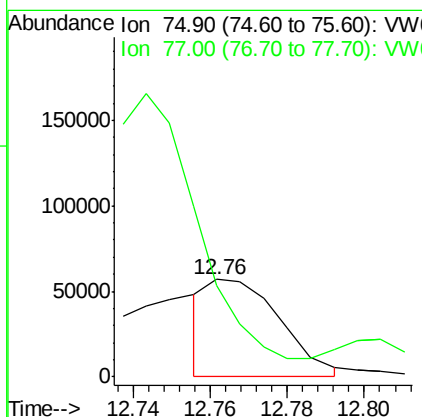
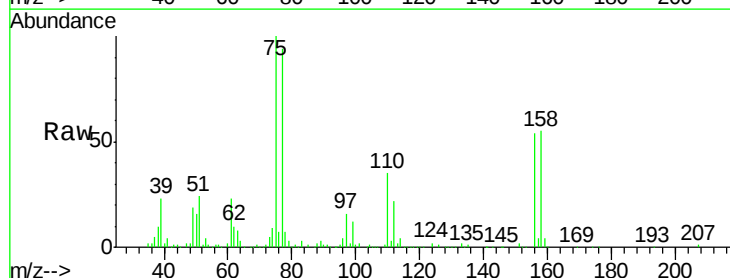
RT: 12.76 min Scan# 1781

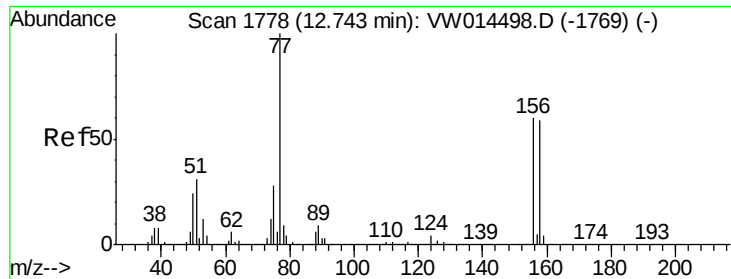
Delta R.T. -0.01 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Tgt Ion:	75	Resp:	74629
Ion Ratio	Lower	Upper	
75	100		
77	414.8	0.0	0.0#





#77

Bromobenzene

Concen: 20.629 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

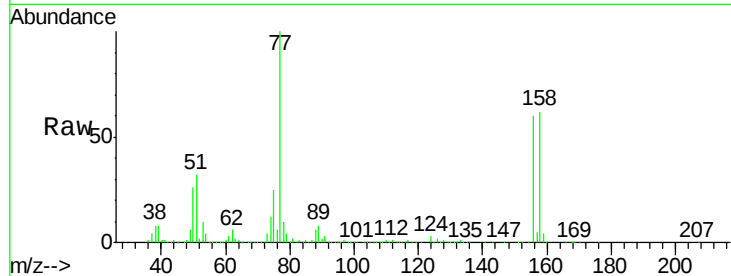
ClientSampleId :

VW0108SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	184.1	92.3	277.1
158	98.8	48.6	145.9

Manual Integrations
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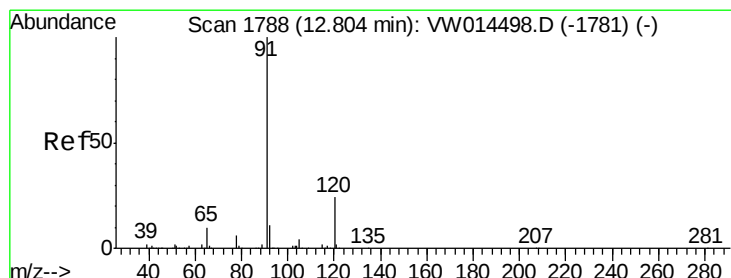
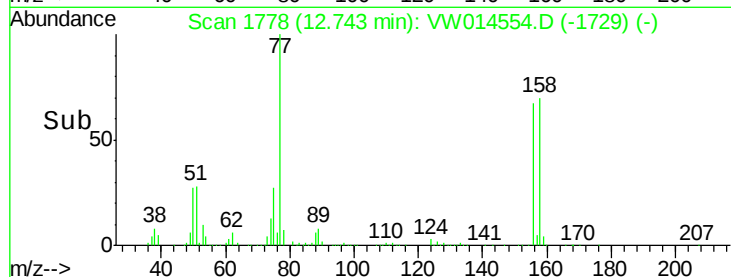
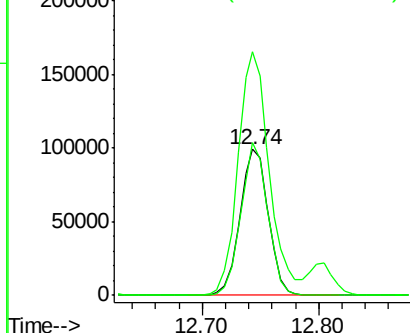
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.684 ug/l

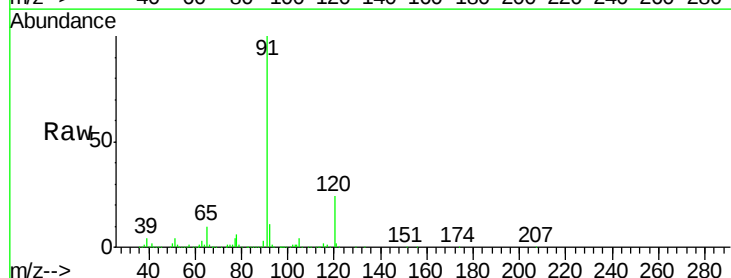
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW014554.D

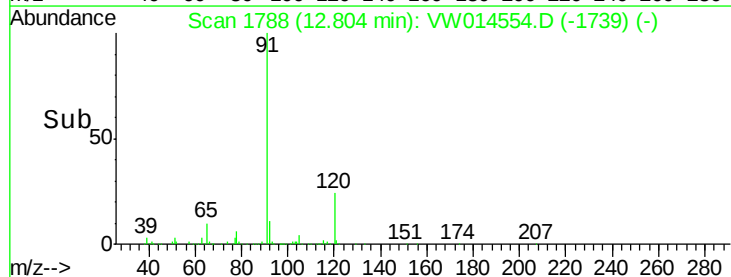
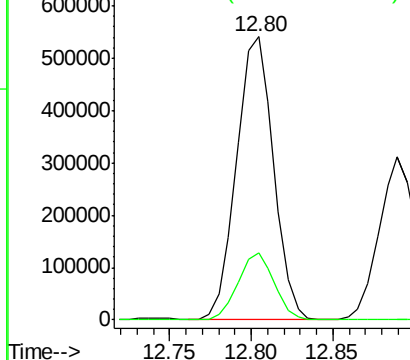
Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	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: 20.936 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Instrument :

MSVOA_W

ClientSampled :

VW0108SBSD01

Tgt Ion: 91 Resp: 491657

Ion Ratio Lower Upper

91 100

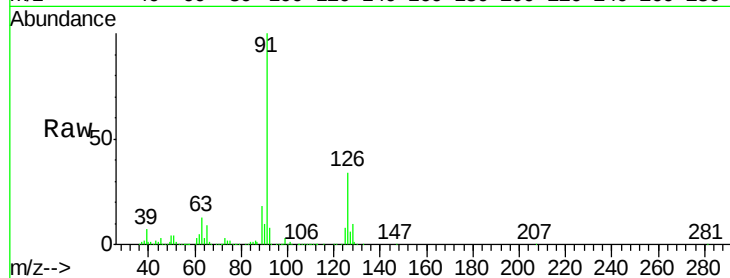
126 33.9 17.1 51.2

Manual Integrations

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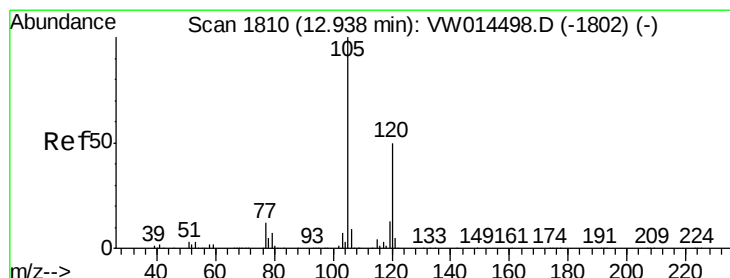
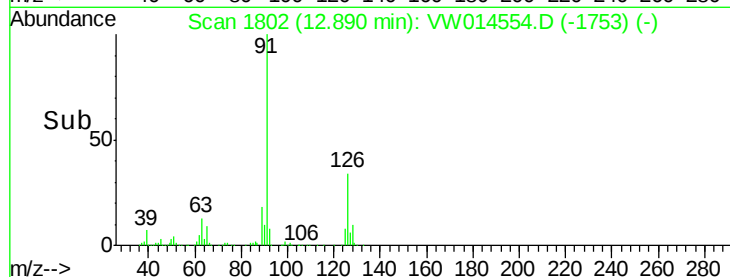
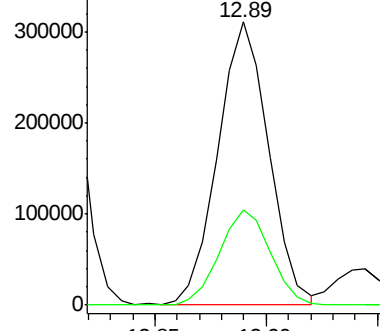
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.924 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW014554.D

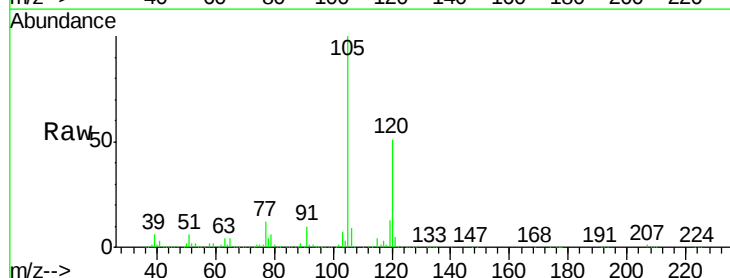
Acq: 08 Jan 2020 12:02

Tgt Ion: 105 Resp: 616528

Ion Ratio Lower Upper

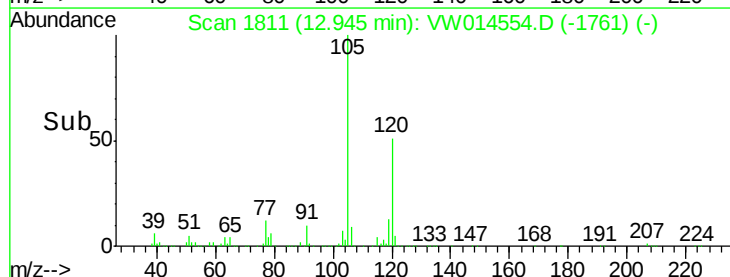
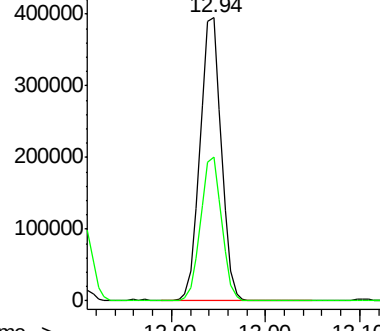
105 100

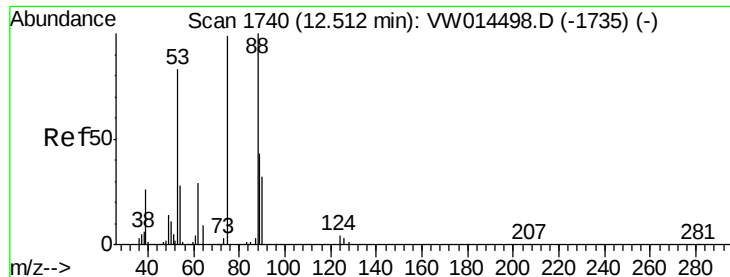
120 50.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





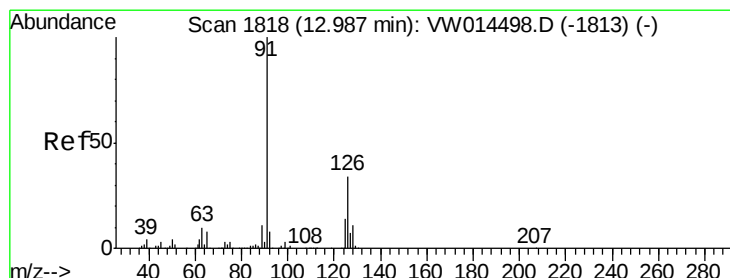
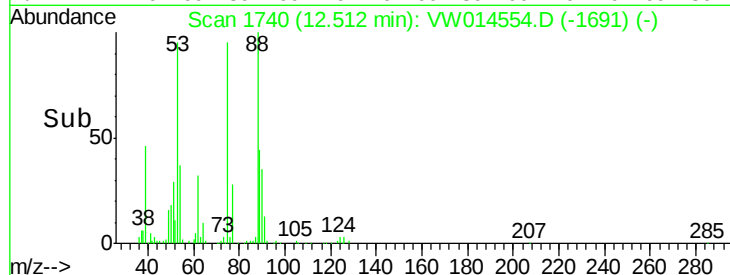
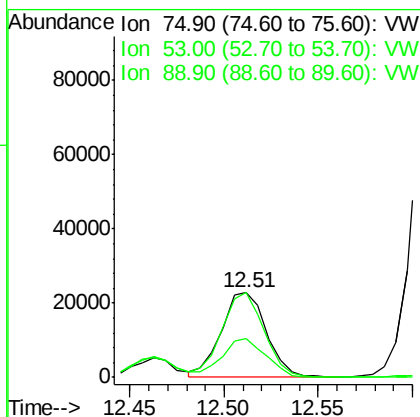
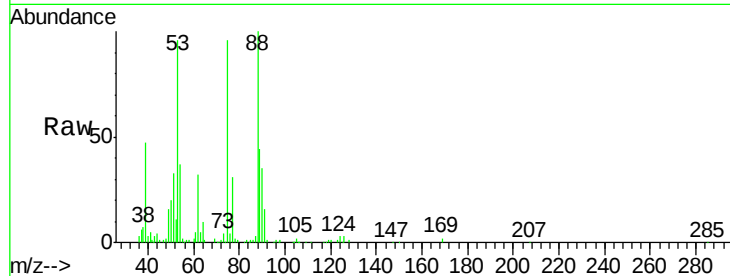
#81
trans-1,4-Dichloro-2-butene
Concen: 18.310 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0108SBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.3	70.9	106.3
89	46.4	35.8	53.8

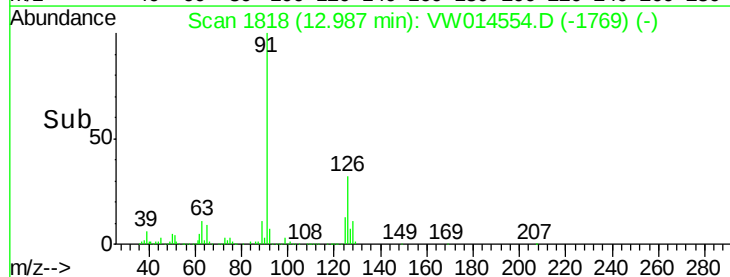
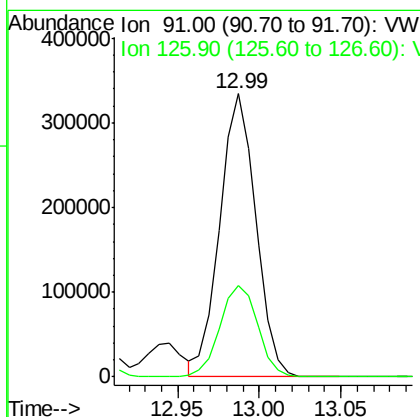
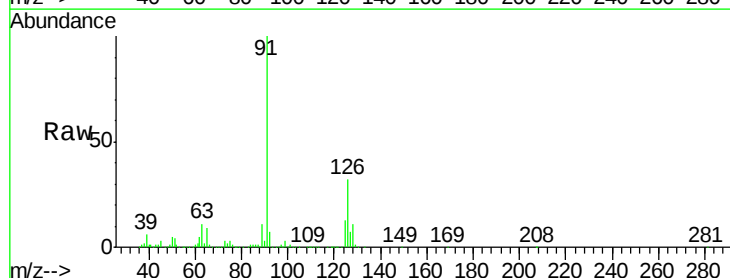
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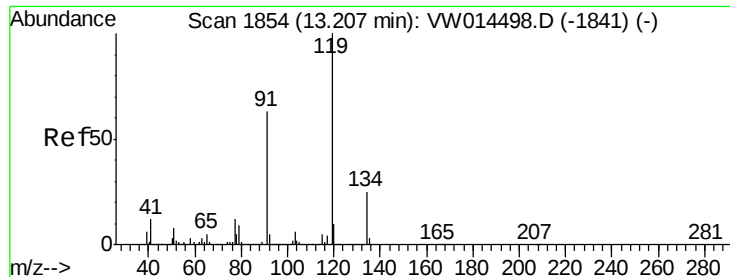
apatel
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#82
4-Chlorotoluene
Concen: 21.070 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.1	51.2





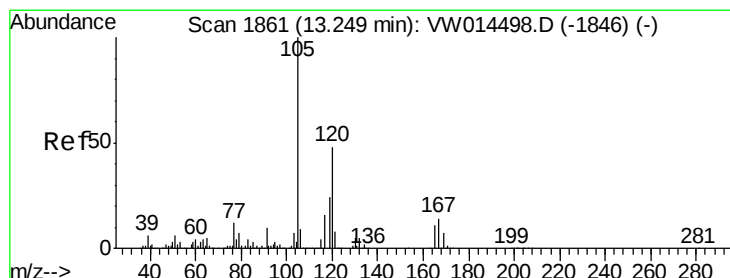
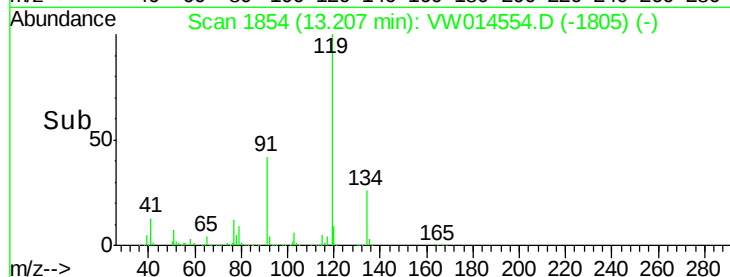
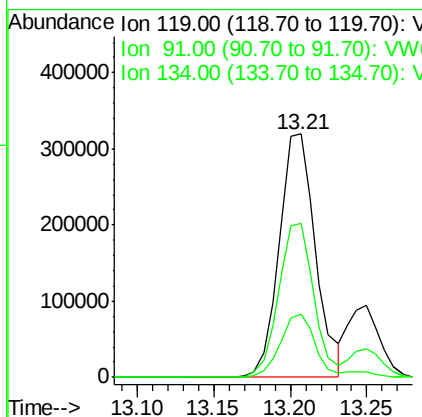
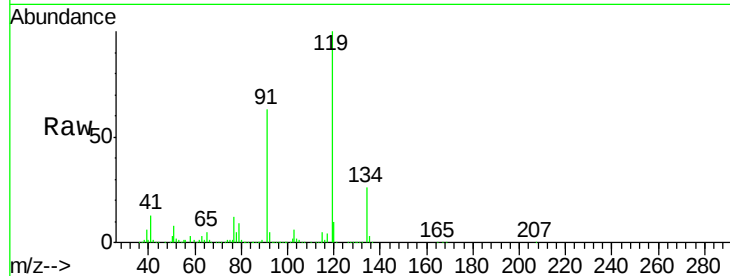
#83
tert-Butylbenzene
Concen: 20.449 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0108SBSD01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.4	31.1	93.3
134	25.3	13.5	40.5

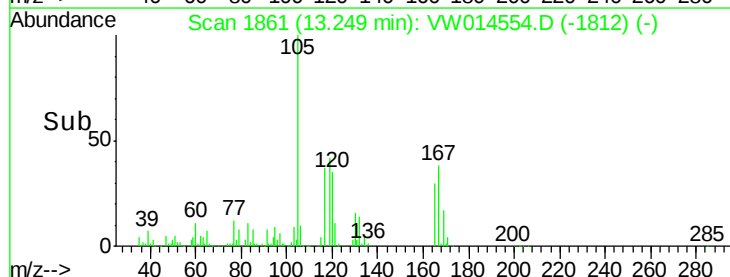
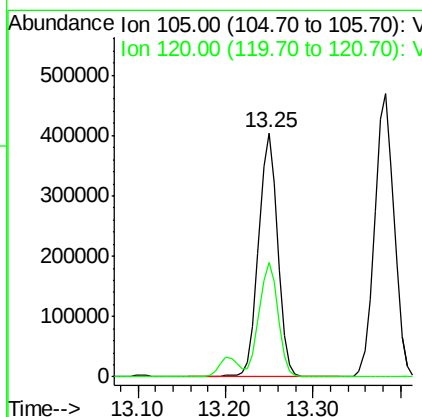
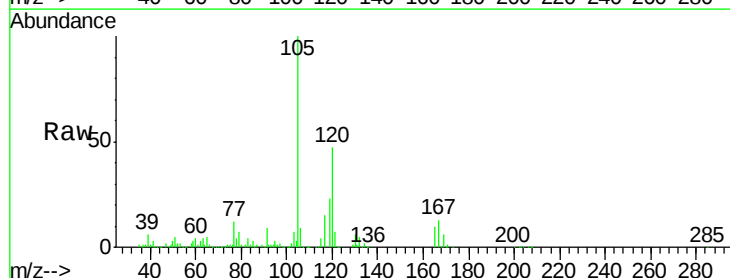
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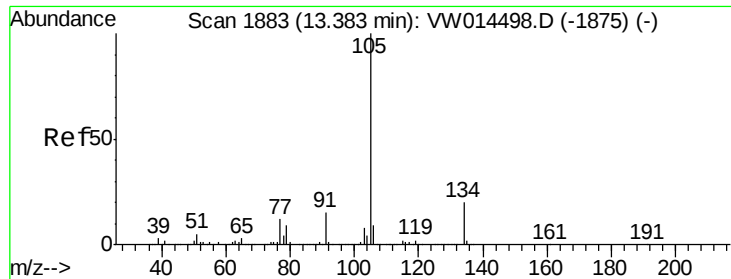
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 20.980 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.0





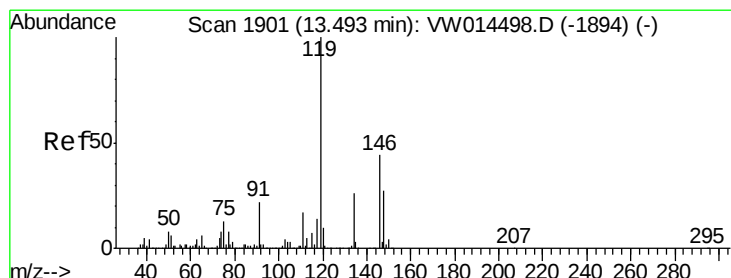
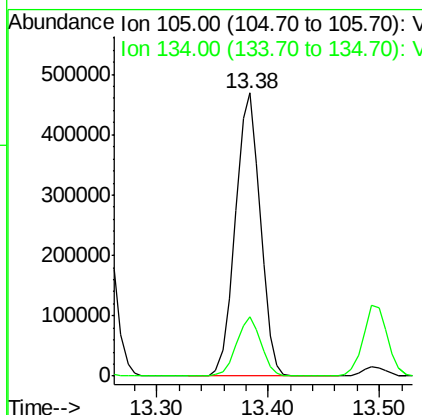
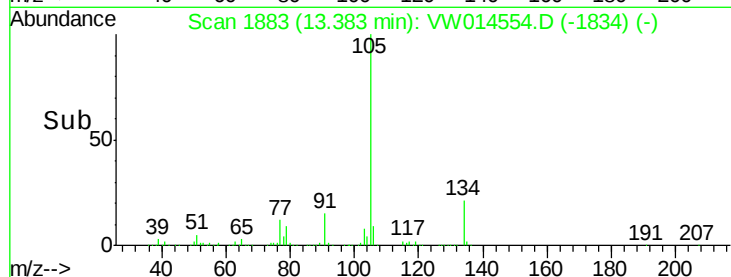
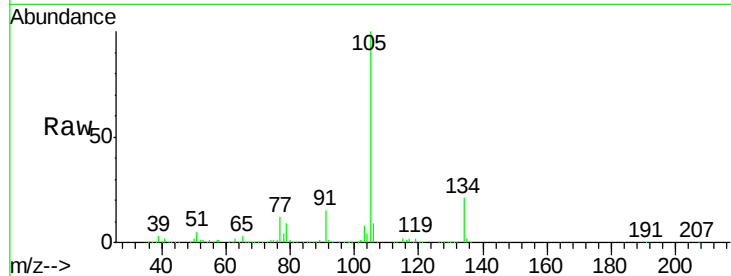
#85
 sec-Butylbenzene
 Concen: 20.278 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0108SBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.2	30.6

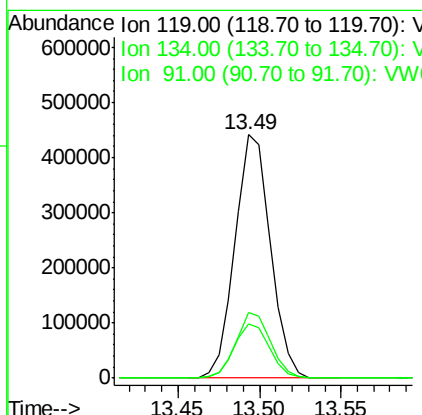
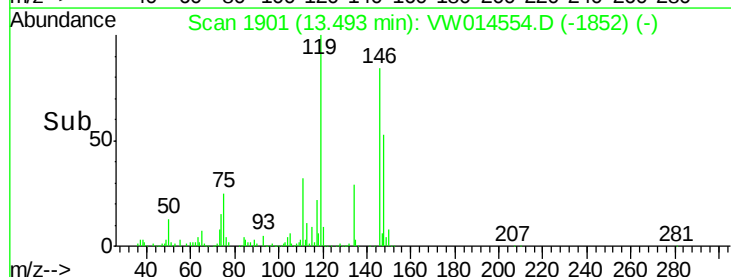
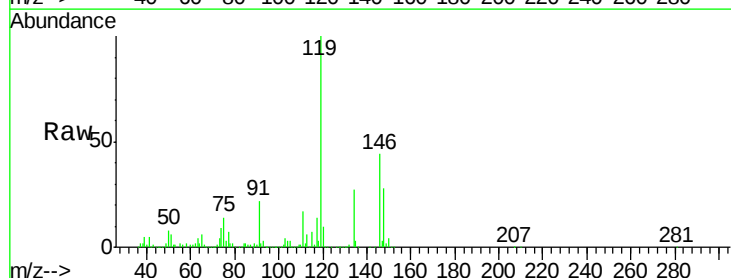
Manual Integrations
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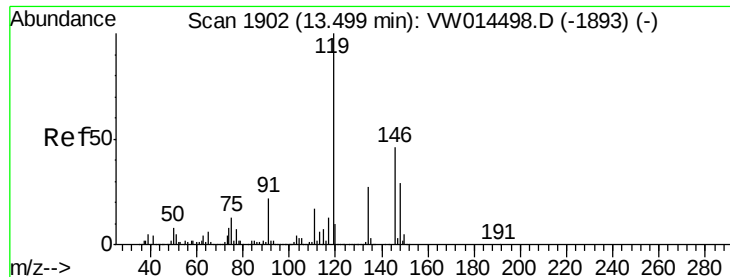
apatel
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#86
 p-Isopropyltoluene
 Concen: 20.506 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.2	39.5
91	22.1	11.1	33.3





#87

1,3-Dichlorobenzene

Concen: 21.014 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

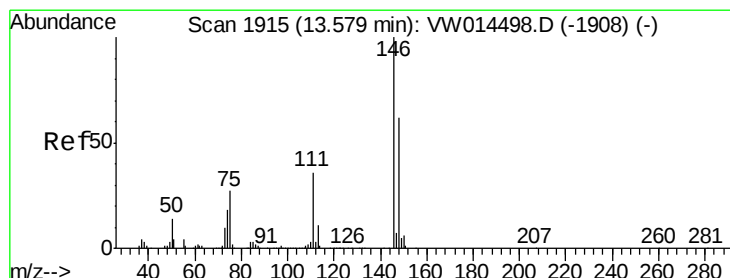
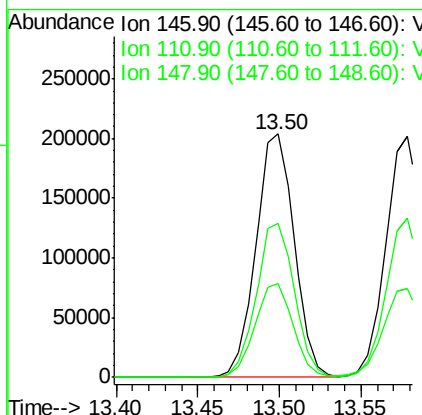
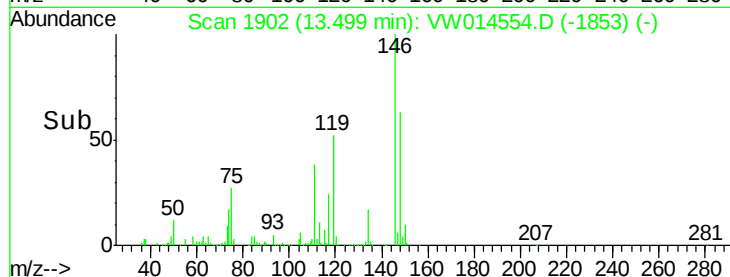
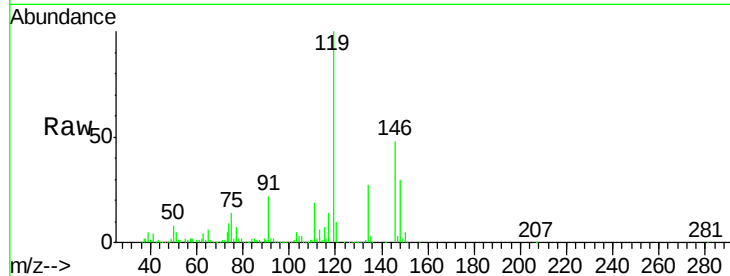
Instrument :
MSVOA_W

ClientSampled :
VW0108SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.9
148	62.9	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.738 ug/l

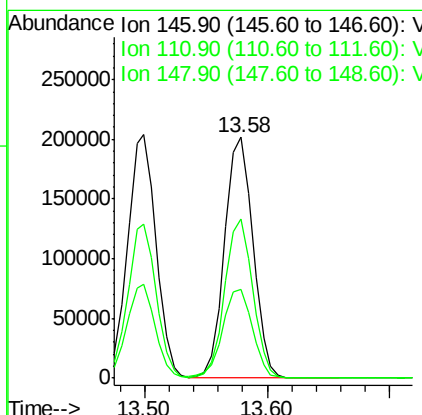
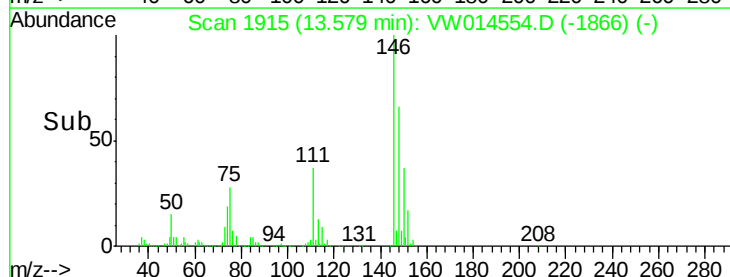
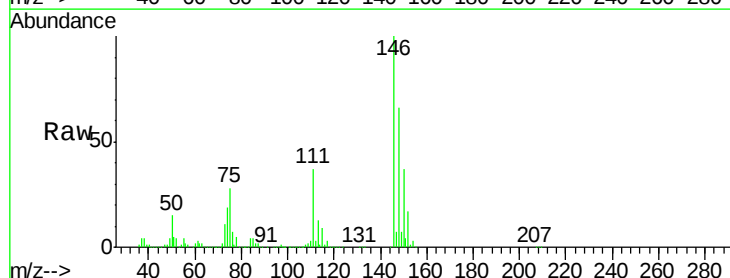
RT: 13.58 min Scan# 1915

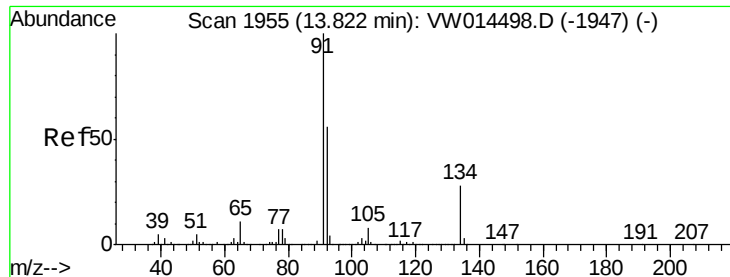
Delta R.T. 0.00 min

Lab File: VW014554.D

Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.7	56.1
148	65.2	31.7	95.1





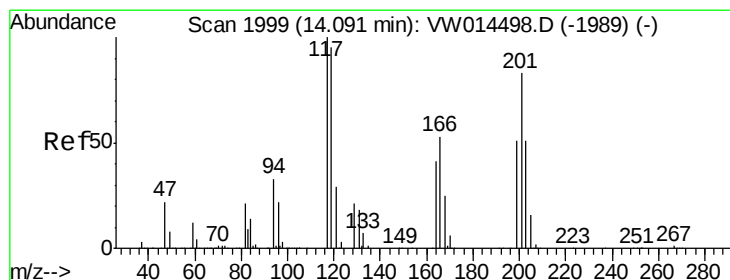
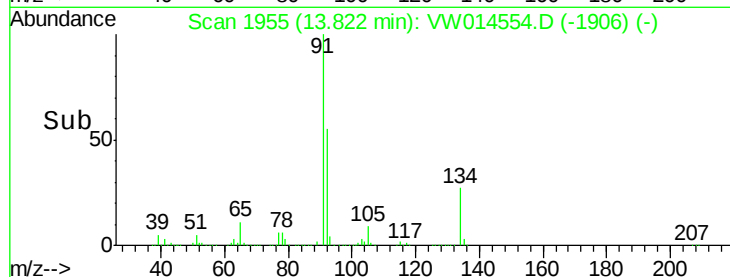
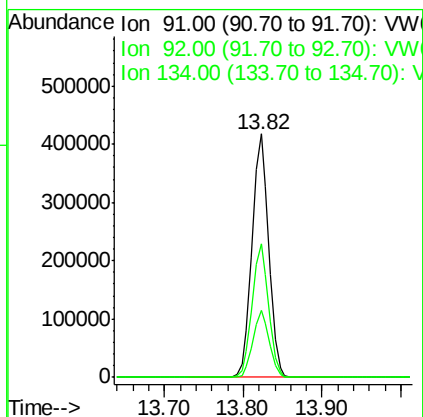
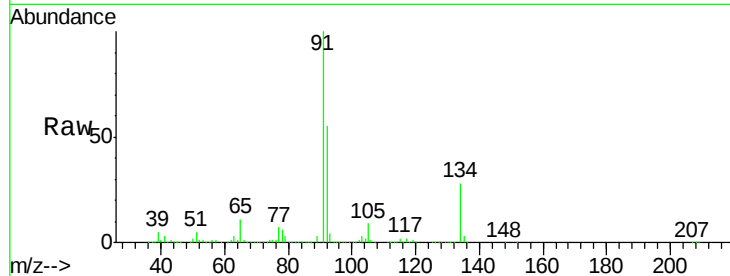
#89
n-Butylbenzene
Concen: 20.341 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampled :
VW0108SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.5	82.5
134	27.0	13.7	41.1

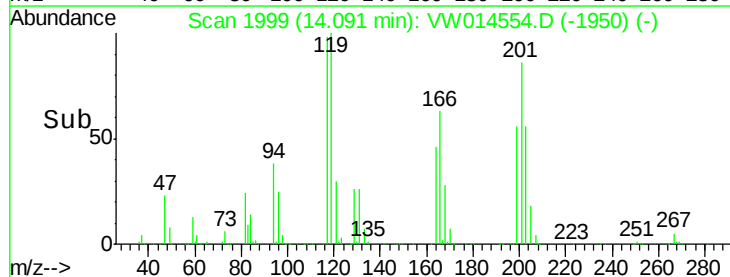
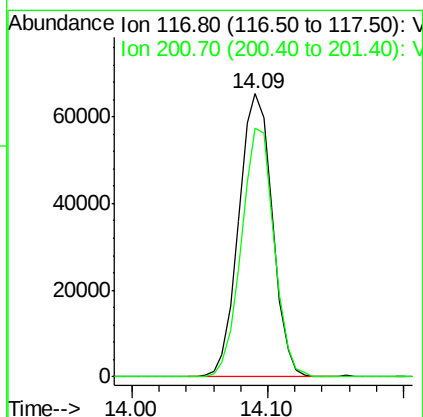
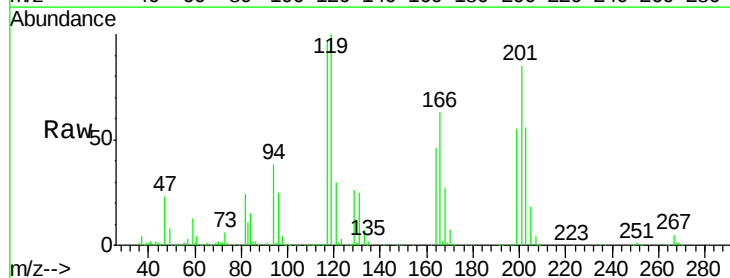
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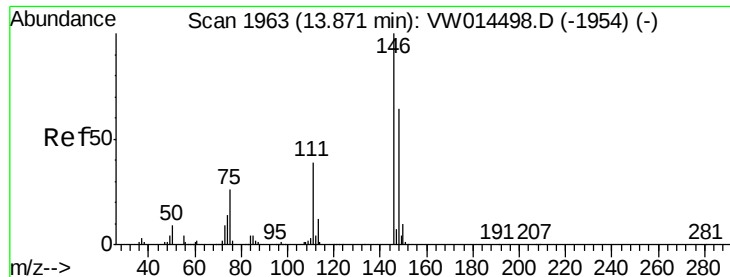
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#90
Hexachloroethane
Concen: 19.806 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.6	43.0	128.8





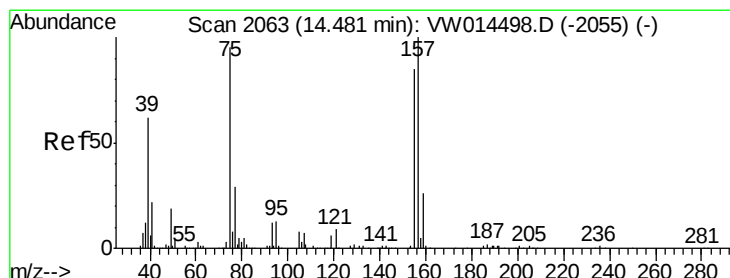
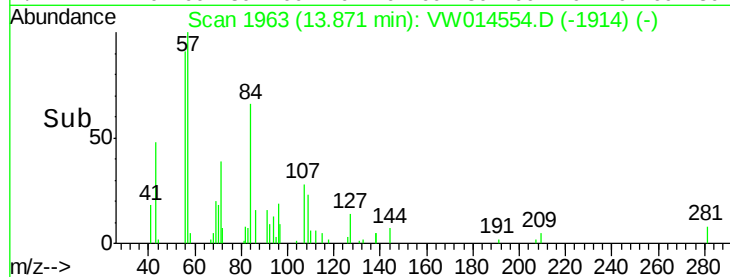
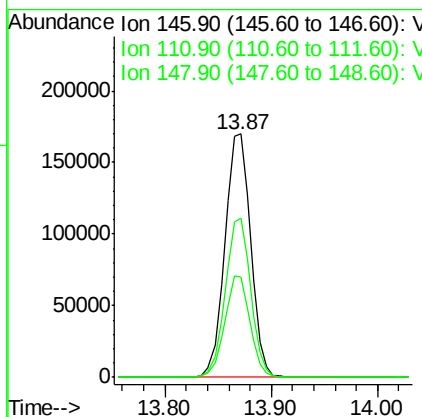
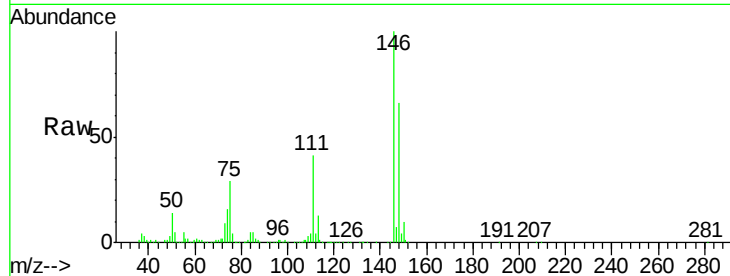
#91
 1,2-Dichlorobenzene
 Concen: 20.710 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0108SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	288507		
111	40.5		20.4	61.3
148	64.2		32.3	96.8

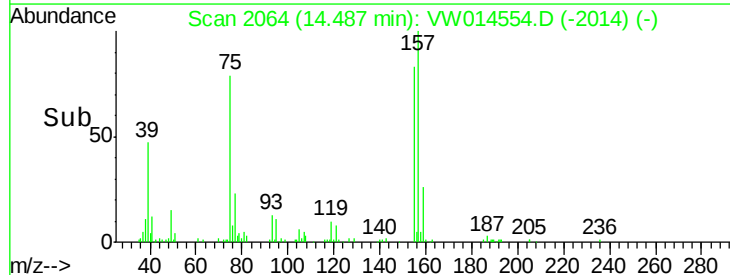
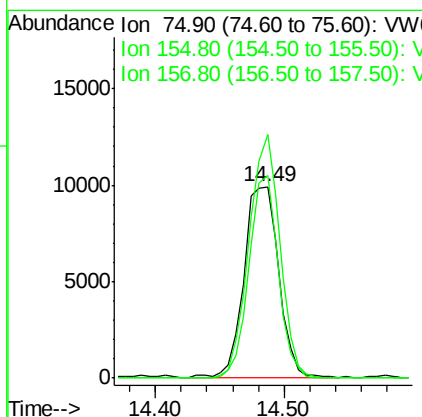
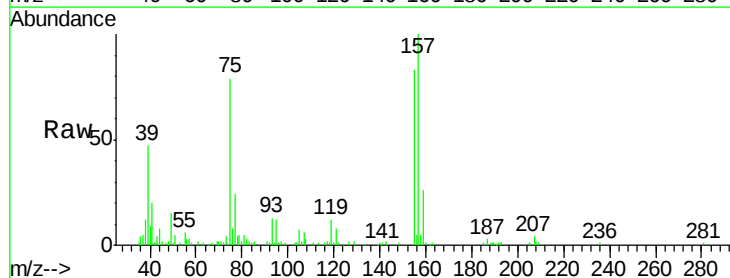
Manual Integrations
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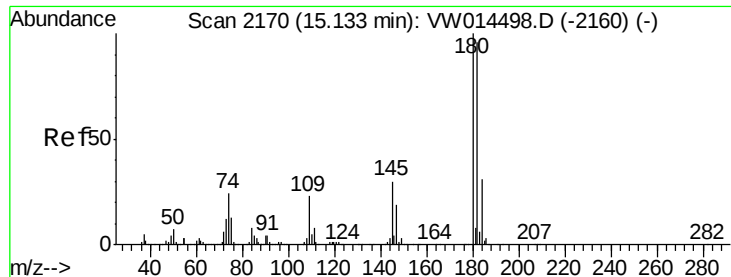
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.492 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18549		
155	88.1		45.8	137.4
157	112.2		58.1	174.2





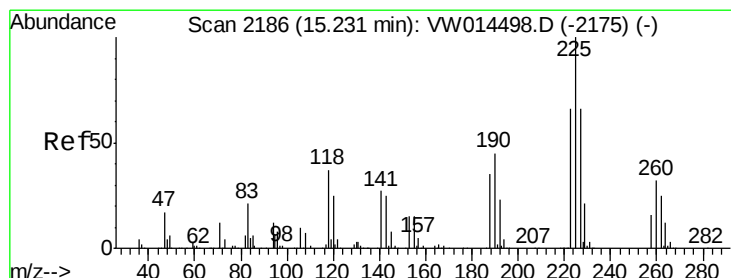
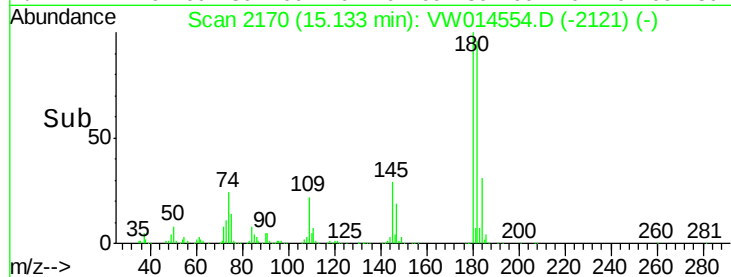
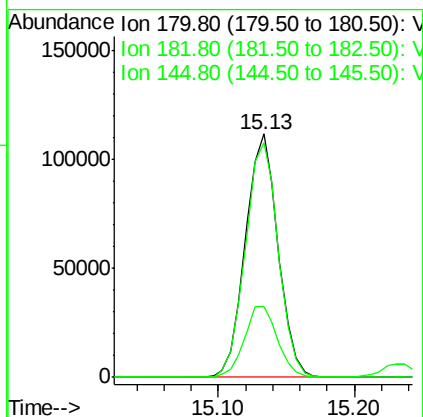
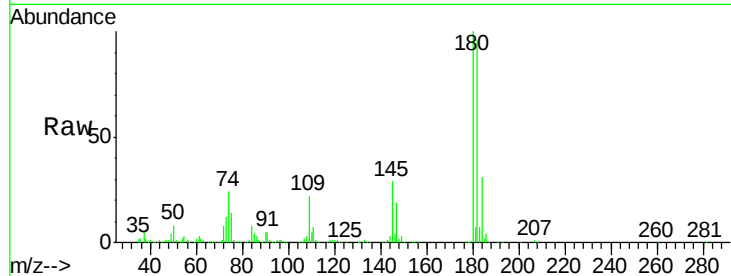
#93
 1,2,4-Trichlorobenzene
 Concen: 19.872 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0108SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	186940		
182	97.6	47.3	141.8	
145	29.8	14.7	44.1	

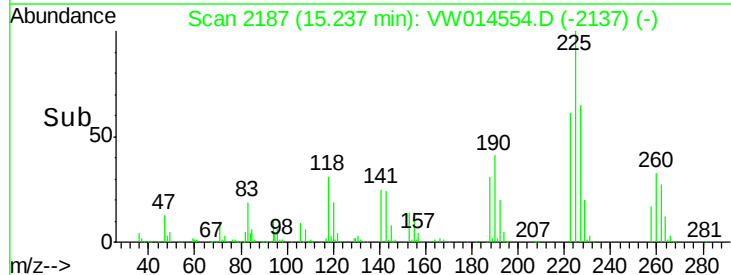
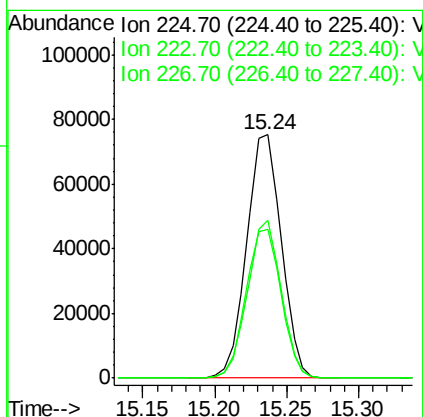
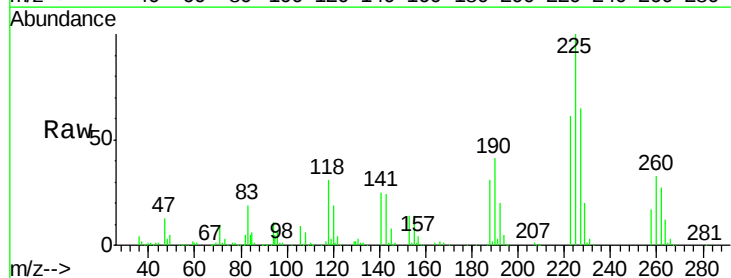
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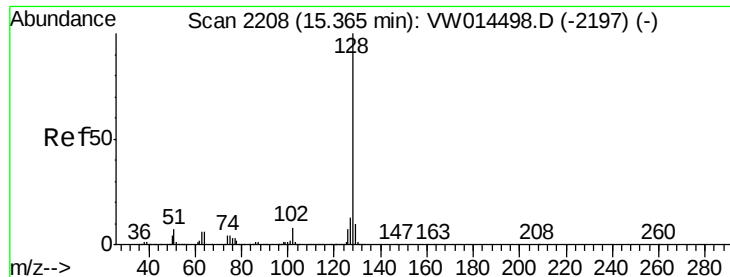
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#94
 Hexachlorobutadiene
 Concen: 19.852 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014554.D
 Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	125155		
223	62.4	32.4	97.2	
227	63.2	32.6	97.8	





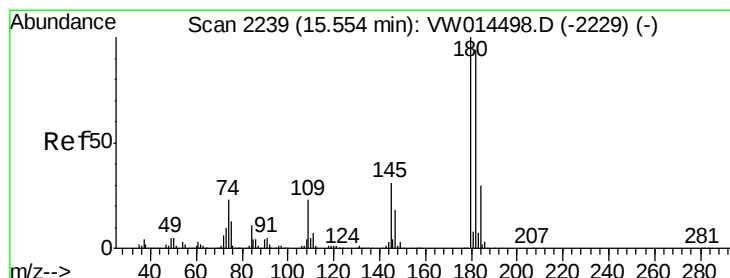
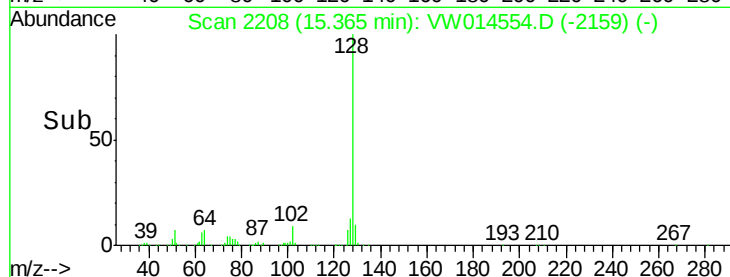
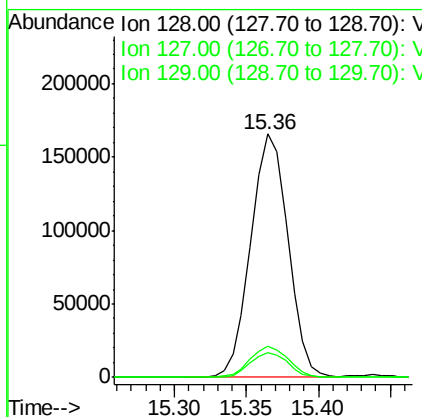
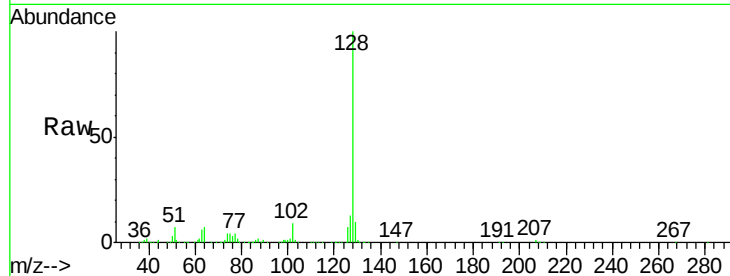
#95
Naphthalene
Concen: 18.521 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Instrument :
MSVOA_W
ClientSampleId :
VW0108SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	297153		
127	13.2	10.6	15.8	
129	10.3	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.056 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW014554.D
Acq: 08 Jan 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	164462		
182	93.9	47.4	142.2	
145	30.4	15.5	46.5	

