

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014522.D
 Acq On : 06 Jan 2020 14:36
 Operator : SY/VA
 Sample : VW0106SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Manual Integrations
 APPROVED

apatel
 1/7/2020 10:27:48 AM

Quant Time: Jan 07 03:06:27 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	927460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1383616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1186446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	579534	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	390342	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	7.88	113	381538	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	10.32	98	1578818	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	12.62	95	529647	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	106843	20.403	ug/l	99
3) Chloromethane	2.21	50	129080	20.138	ug/l	99
4) Vinyl Chloride	2.35	62	191255	20.287	ug/l	99
5) Bromomethane	2.77	94	115694	19.865	ug/l	99
6) Chloroethane	2.91	64	104744	19.490	ug/l	99
7) Trichlorofluoromethane	3.25	101	97554	20.681	ug/l	98
8) Diethyl Ether	3.67	74	86356	18.400	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	173659	19.704	ug/l	100
10) Methyl Iodide	4.26	142	250534	18.840	ug/l	98
11) Tert butyl alcohol	5.15	59	65046	89.294	ug/l	100
12) 1,1-Dichloroethene	4.03	96	177326	19.213	ug/l	97
13) Acrolein	3.89	56	63769	90.101	ug/l	99
14) Allyl chloride	4.66	41	282520	20.031	ug/l	98
15) Acrylonitrile	5.36	53	194151	90.502	ug/l	98
16) Acetone	4.11	43	204158	89.164	ug/l	98
17) Carbon Disulfide	4.38	76	539390	19.390	ug/l	96
18) Methyl Acetate	4.66	43	98941	17.892	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	220666	19.260	ug/l	97
20) Methylene Chloride	4.92	84	210473	20.017	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	191215	19.511	ug/l	95
22) Diisopropyl ether	6.31	45	527655	19.987	ug/l	97
23) Vinyl Acetate	6.25	43	1512124	94.854	ug/l	98
24) 1,1-Dichloroethane	6.21	63	330004	19.817	ug/l	98
25) 2-Butanone	7.17	43	267928	91.181	ug/l	95
26) 2,2-Dichloropropane	7.16	77	191741	20.797	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	200520	19.472	ug/l	96
28) Bromochloromethane	7.51	49	114700	17.569	ug/l	# 11
29) Tetrahydrofuran	7.52	42	160909	88.394	ug/l	97
30) Chloroform	7.67	83	309026	19.844	ug/l	98
31) Cyclohexane	7.95	56	338061	19.534	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	248913	19.875	ug/l	98
36) 1,1-Dichloropropene	8.08	75	264613	19.838	ug/l	99
37) Ethyl Acetate	7.24	43	112245	18.554	ug/l	98
38) Carbon Tetrachloride	8.07	117	230499	19.919	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	328540	19.193	ug/l	96
40) Benzene	8.32	78	748492	19.833	ug/l	99
41) Methacrylonitrile	7.48	41	59499	17.644	ug/l	95
42) 1,2-Dichloroethane	8.40	62	193044	19.711	ug/l	98
43) Isopropyl Acetate	8.42	43	200558	18.257	ug/l	99
44) Trichloroethene	9.09	130	199387	19.525	ug/l	97
45) 1,2-Dichloropropane	9.37	63	182378	19.693	ug/l	100
46) Dibromomethane	9.46	93	85647	18.733	ug/l	98
47) Bromodichloromethane	9.64	83	222847	19.743	ug/l	100
48) Methyl methacrylate	9.43	41	97233	18.129	ug/l	99
49) 1,4-Dioxane	9.44	88	28475	333.003	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	522697	91.626	ug/l	99
52) Toluene	10.38	92	466865	19.664	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	221462	18.950	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	273110	19.121	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	125639	18.816	ug/l	99
56) Ethyl methacrylate	10.65	69	157612	18.163	ug/l	98
57) 1,3-Dichloropropane	10.93	76	221417	18.868	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	239600	90.787	ug/l	99
59) 2-Hexanone	10.96	43	357917	91.049	ug/l	99
60) Dibromochloromethane	11.13	129	140892	18.701	ug/l	100
61) 1,2-Dibromoethane	11.23	107	115313	18.194	ug/l	99
64) Tetrachloroethene	10.86	164	166616	19.398	ug/l	98
65) Chlorobenzene	11.66	112	474815	19.534	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	155499	19.001	ug/l	99
67) Ethyl Benzene	11.73	91	853078	19.475	ug/l	98
68) m/p-Xylenes	11.83	106	660570	39.402	ug/l	99
69) o-Xylene	12.16	106	299397	19.333	ug/l	99
70) Styrene	12.18	104	515725	19.689	ug/l	99
71) Bromoform	12.35	173	79311	17.767	ug/l #	99
73) Isopropylbenzene	12.46	105	830609	19.533	ug/l	100
74) N-amyl acetate	12.27	43	176042	18.463	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	141798	18.475	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	107929m	19.697	ug/l	
77) Bromobenzene	12.74	156	192079	19.448	ug/l	99
78) n-propylbenzene	12.80	91	999784	19.994	ug/l	98
79) 2-Chlorotoluene	12.89	91	561588	19.736	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	709145	19.862	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	44552	18.116	ug/l	96
82) 4-Chlorotoluene	12.99	91	584088	19.757	ug/l	99
83) tert-Butylbenzene	13.21	119	603343	19.301	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	704404	19.825	ug/l	99
85) sec-Butylbenzene	13.38	105	853306	19.721	ug/l	100
86) p-Isopropyltoluene	13.49	119	777642	19.717	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	367430	19.132	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	368667	19.444	ug/l	99
89) n-Butylbenzene	13.82	91	722851	19.737	ug/l	99
90) Hexachloroethane	14.09	117	131432	19.076	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	324425	19.219	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	22089	18.174	ug/l	92

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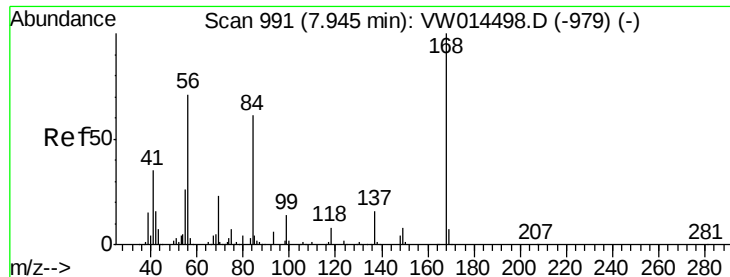
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	209714	18.397	ug/l	98
94) Hexachlorobutadiene	15.23	225	147408	19.297	ug/l	97
95) Naphthalene	15.36	128	322072	16.567	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	176397	17.753	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

Tgt Ion:168 Resp: 927460

Ion Ratio Lower Upper

168 100

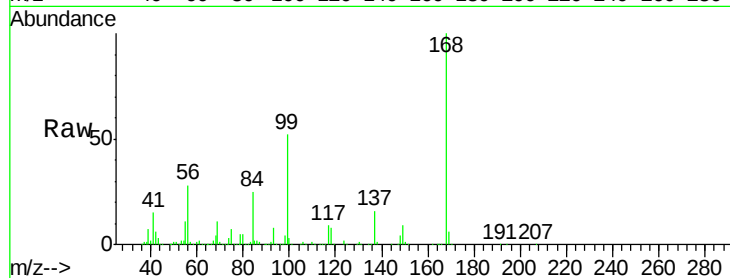
99 51.5 41.1 61.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

300000

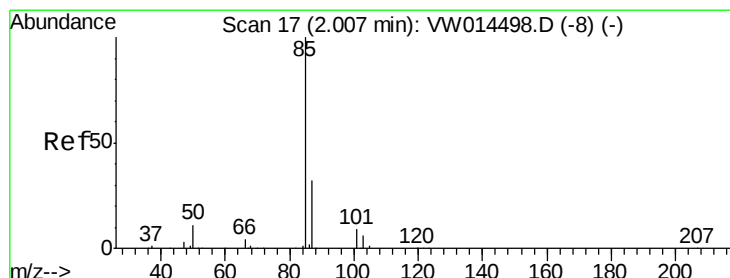
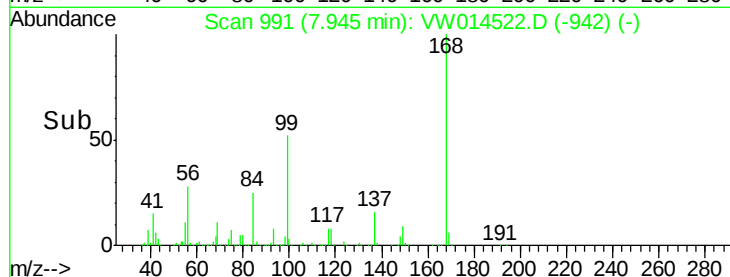
200000

100000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.403 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014522.D

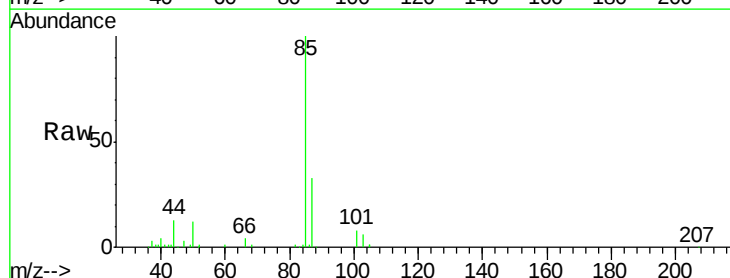
Acq: 06 Jan 2020 14:36

Tgt Ion: 85 Resp: 106843

Ion Ratio Lower Upper

85 100

87 32.7 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

40000

30000

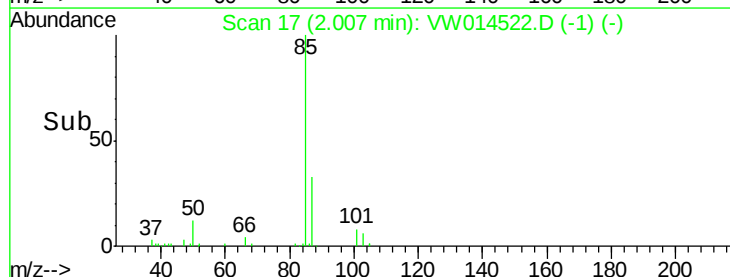
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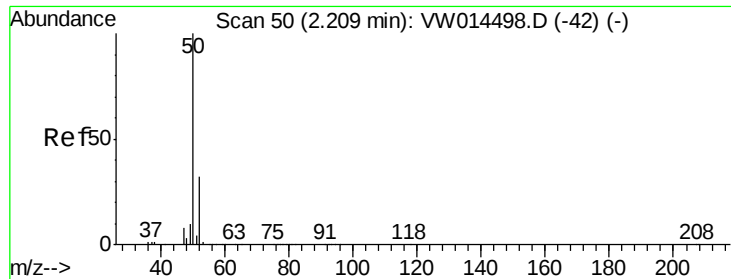
10000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 20.138 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

Tgt Ion: 50 Resp: 129080

Ion Ratio Lower Upper

50 100

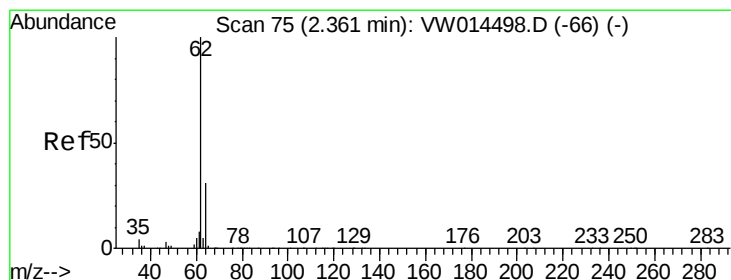
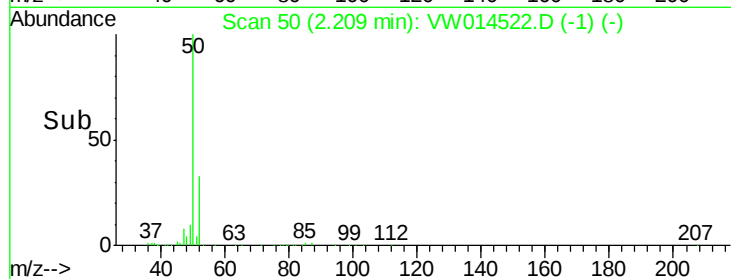
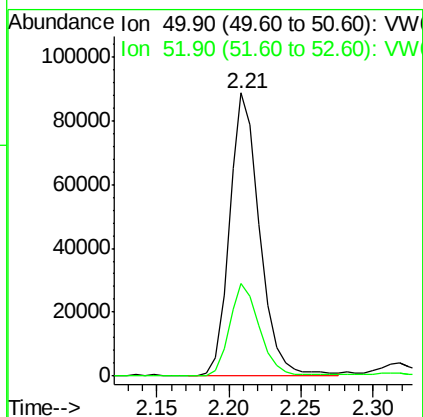
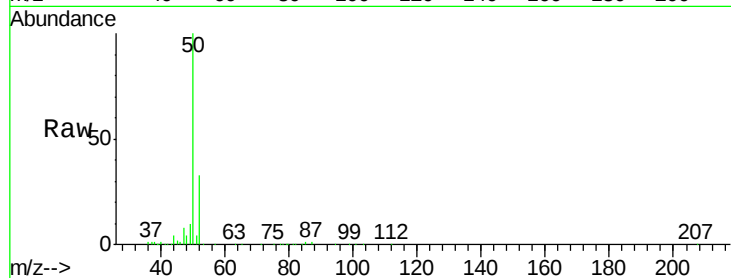
52 32.9 25.8 38.8

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#4

Vinyl Chloride

Concen: 20.287 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014522.D

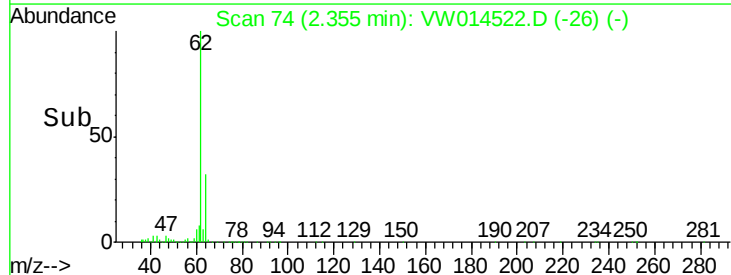
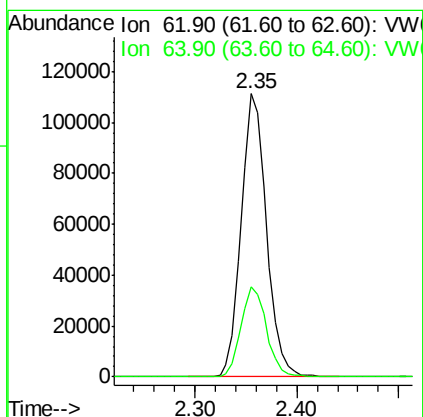
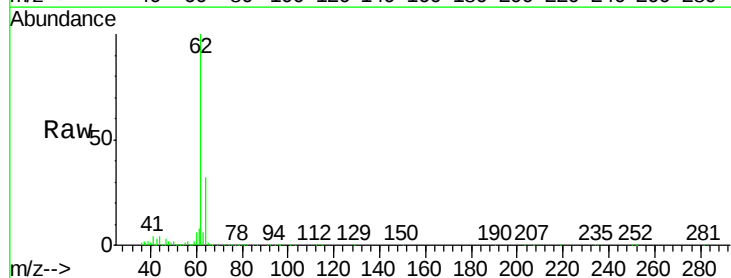
Acq: 06 Jan 2020 14:36

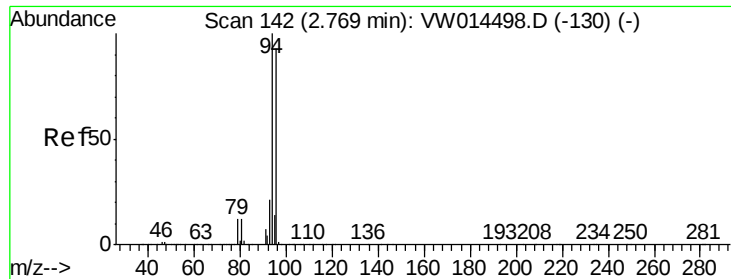
Tgt Ion: 62 Resp: 191255

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.4





#5

Bromomethane

Concen: 19.865 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

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VW0106SBS01

Tgt Ion: 94 Resp: 115694

Ion Ratio Lower Upper

94 100

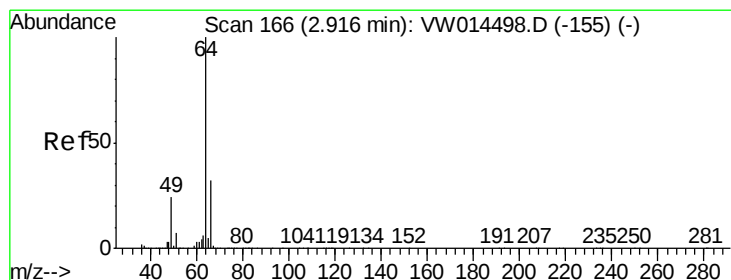
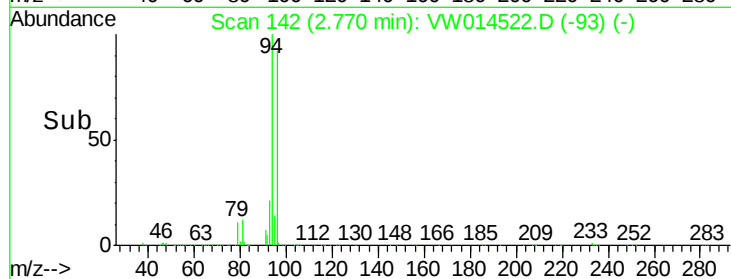
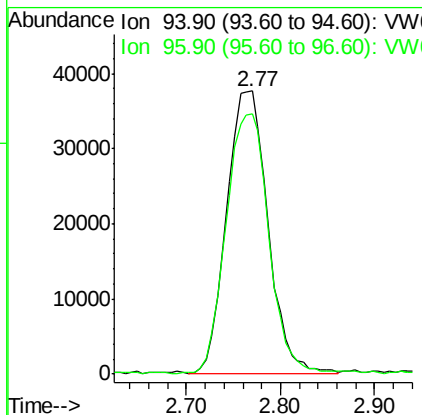
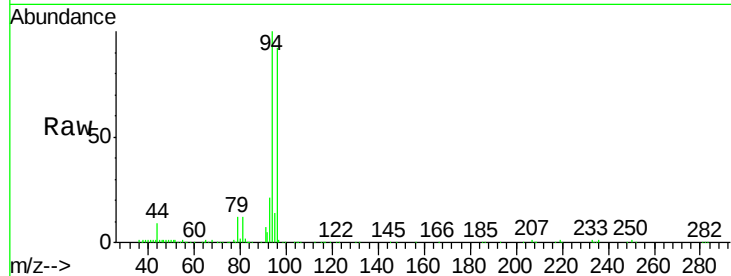
96 91.4 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 19.490 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW014522.D

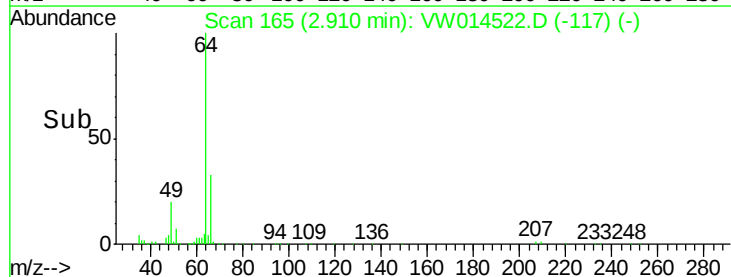
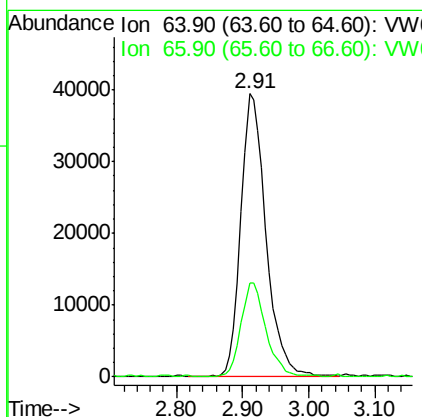
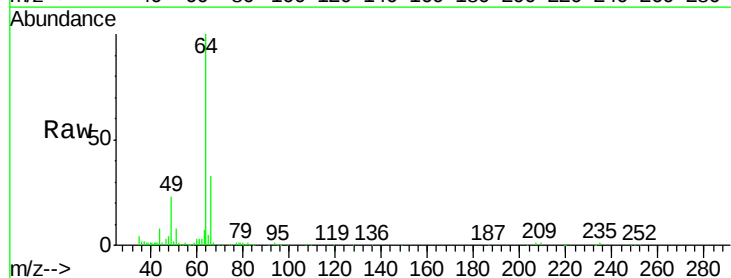
Acq: 06 Jan 2020 14:36

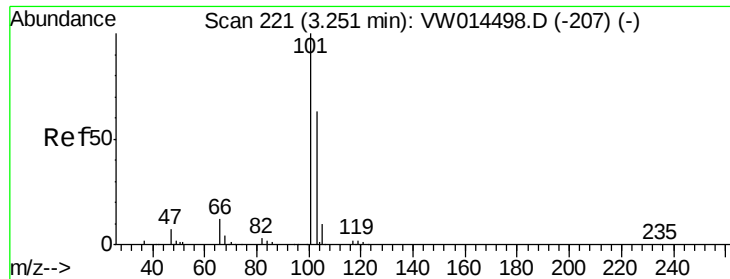
Tgt Ion: 64 Resp: 104744

Ion Ratio Lower Upper

64 100

66 32.7 25.7 38.5





#7

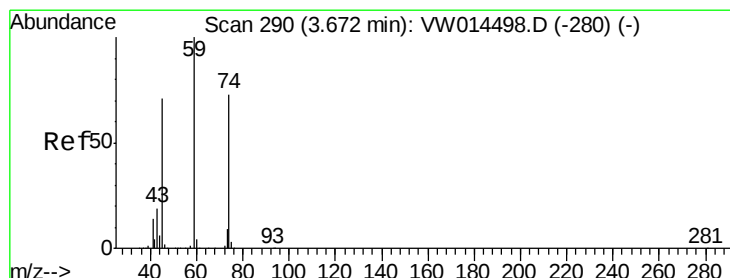
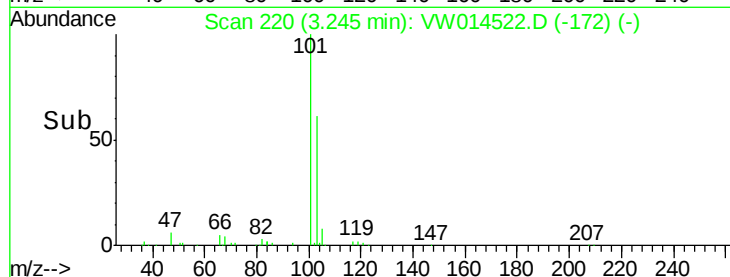
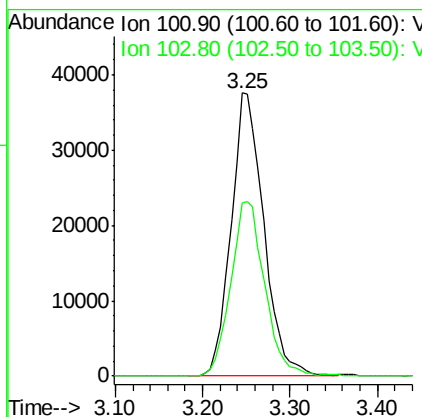
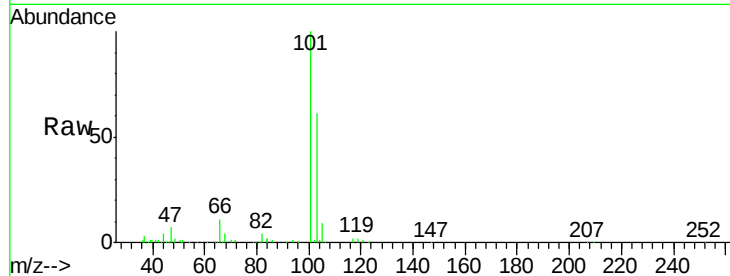
Trichlorofluoromethane
 Concen: 20.681 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW014522.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	61.1	50.1	75.1

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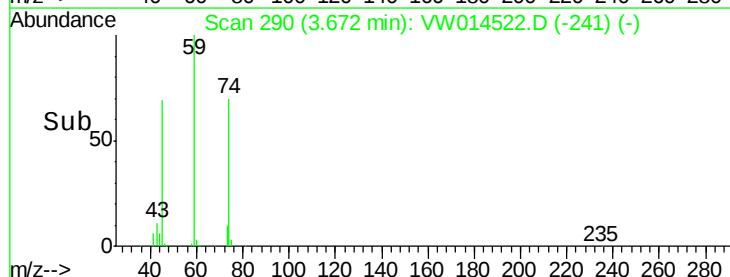
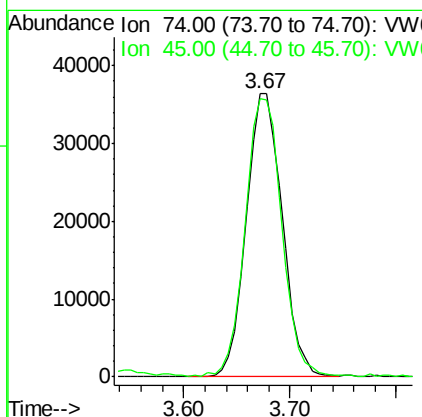
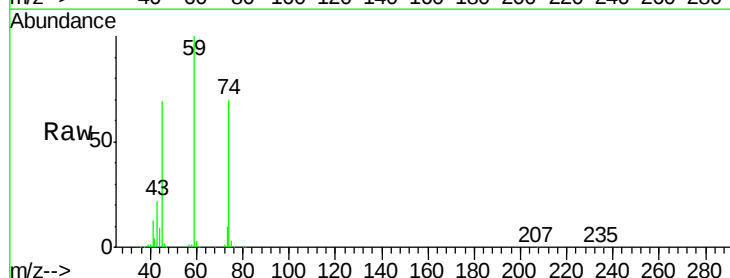
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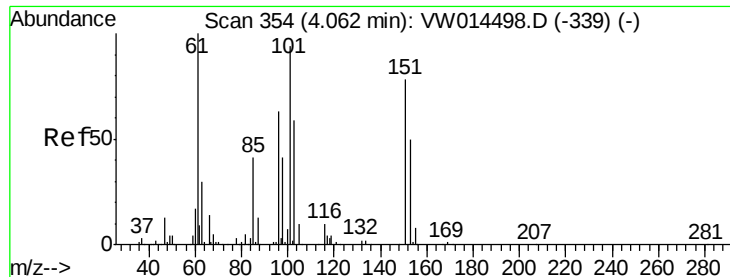


#8

Diethyl Ether
 Concen: 18.400 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.704 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

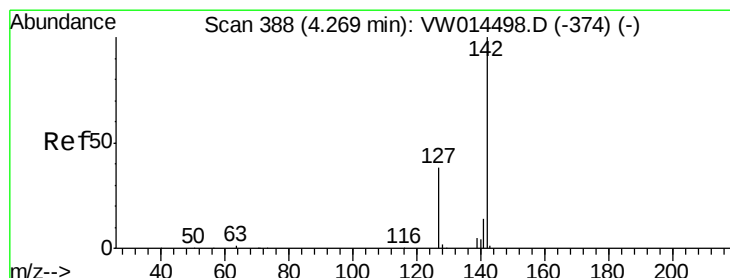
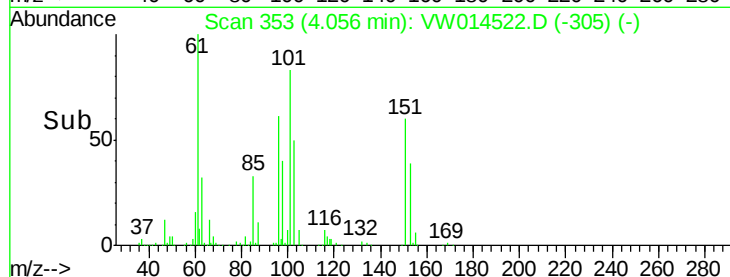
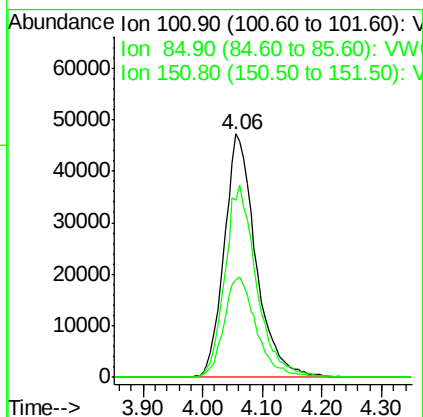
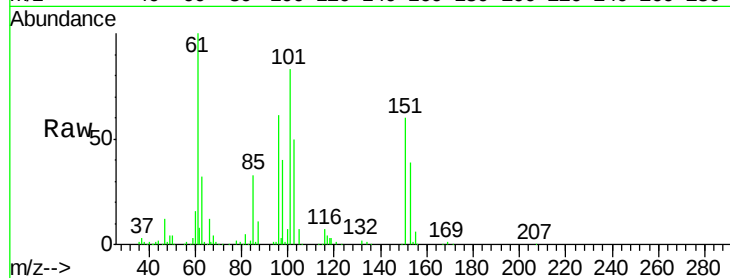
ClientSampleId :

VW0106SBS01

Tgt Ion:	101	Resp:	173659
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.7	50.5
151	79.3	63.5	95.3

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#10

Methyl Iodide

Concen: 18.840 ug/l

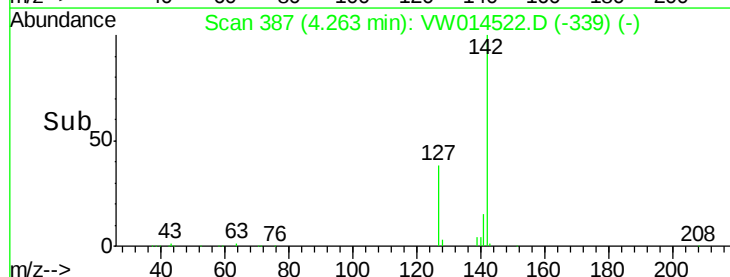
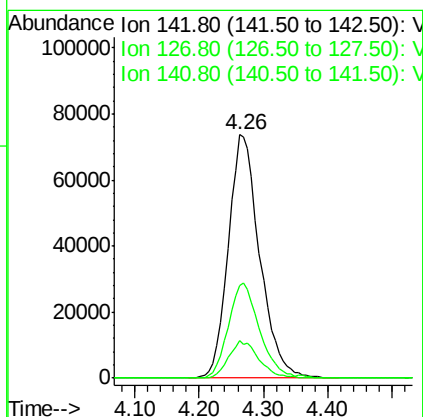
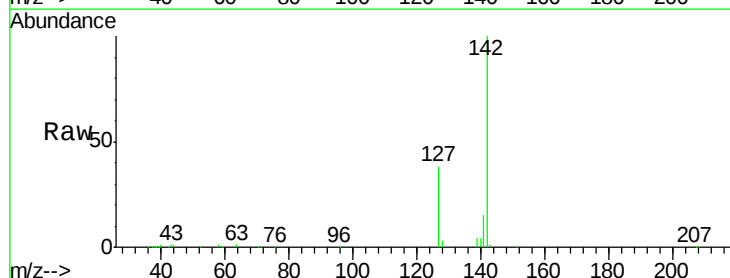
RT: 4.26 min Scan# 387

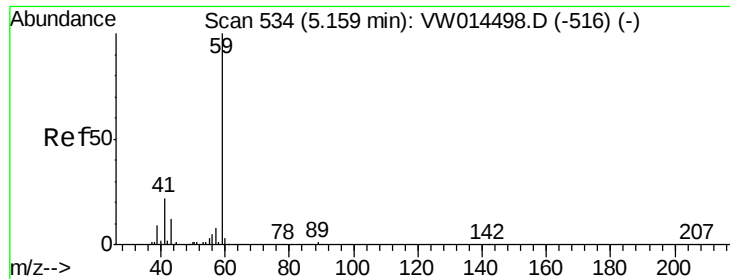
Delta R.T. -0.01 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Tgt Ion:	142	Resp:	250534
Ion Ratio	Lower	Upper	
142	100		
127	39.2	30.2	45.4
141	14.9	11.4	17.2





#11

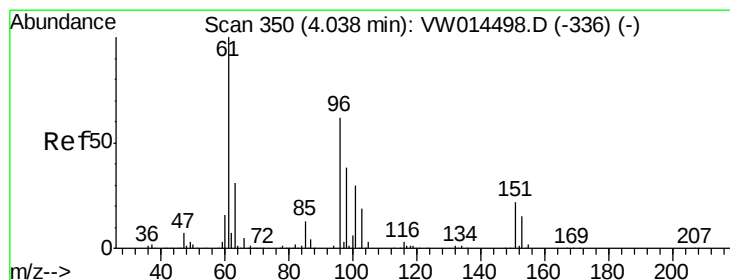
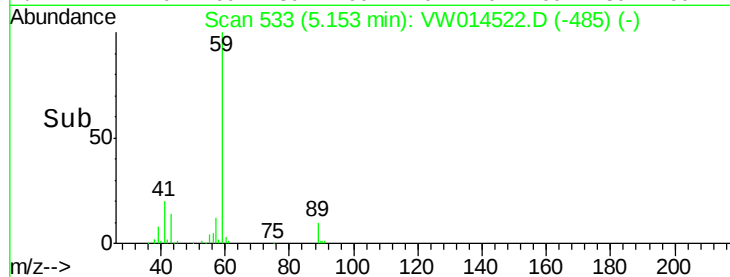
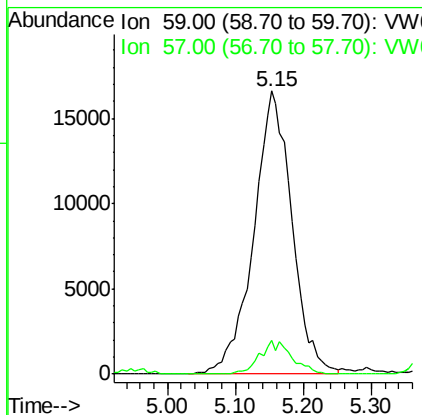
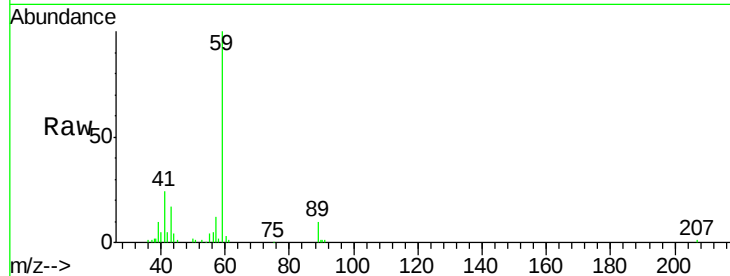
Tert butyl alcohol
 Concen: 89.294 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.8	11.8

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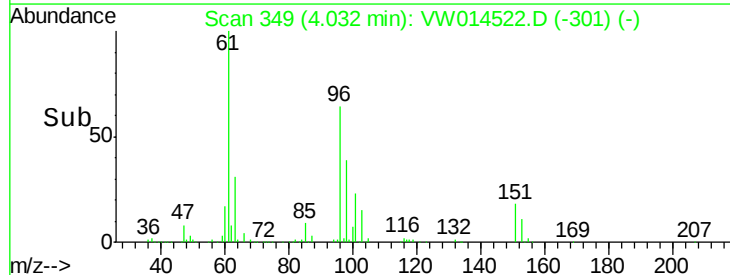
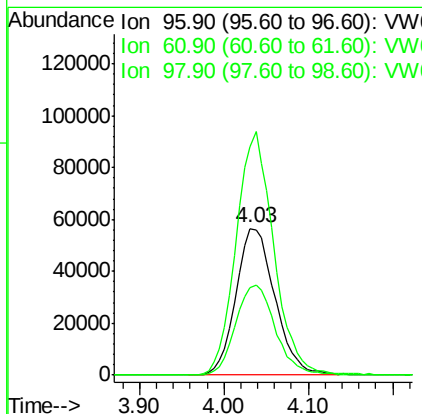
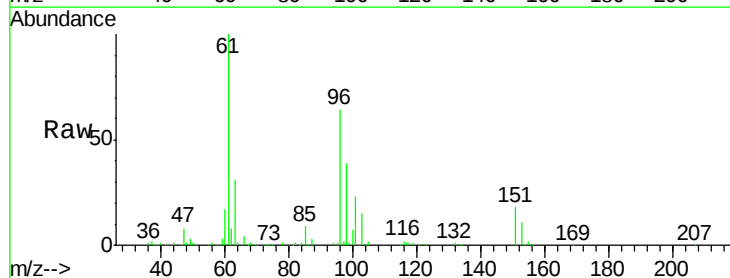
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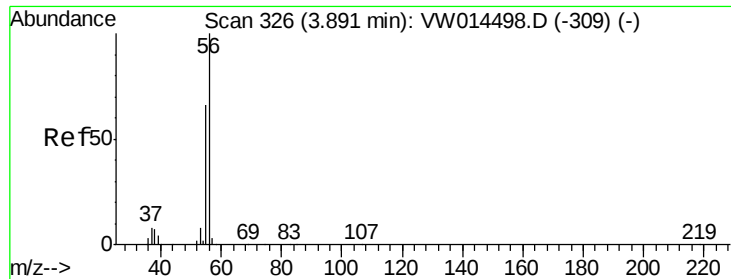


#12

1,1-Dichloroethene
 Concen: 19.213 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.5	128.4	192.6
98	60.0	49.1	73.7





#13

Acrolein

Concen: 90.101 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

ClientSampled :

VW0106SBS01

Tgt Ion: 56 Resp: 63769

Ion Ratio Lower Upper

56 100

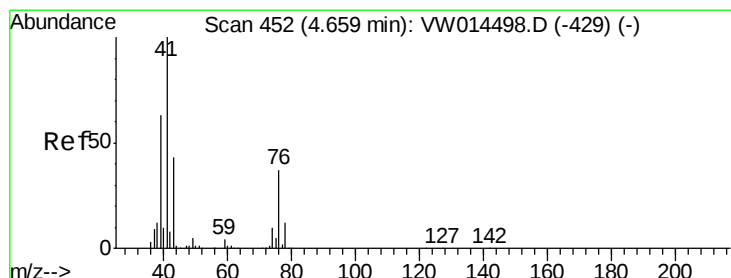
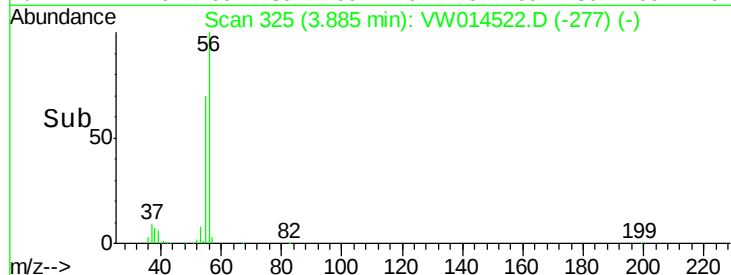
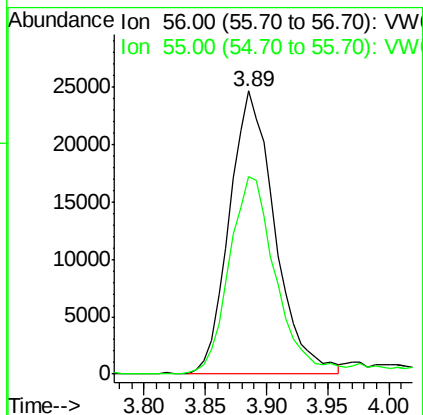
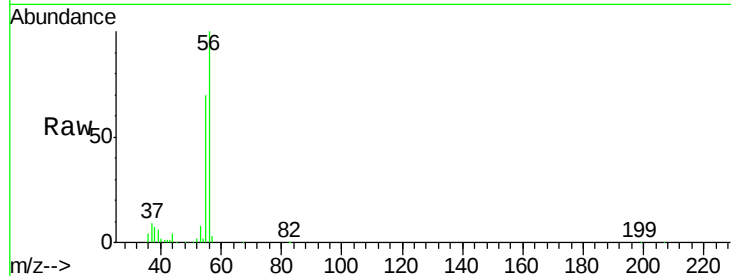
55 71.4 56.7 85.1

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#14

Allyl chloride

Concen: 20.031 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

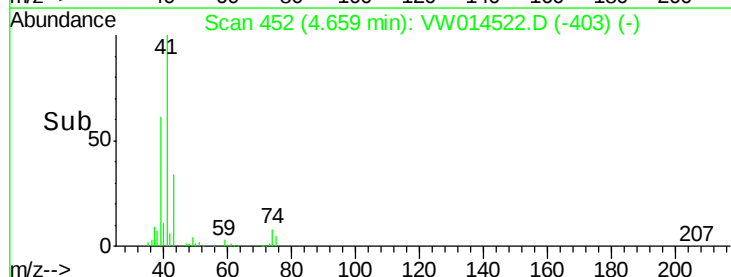
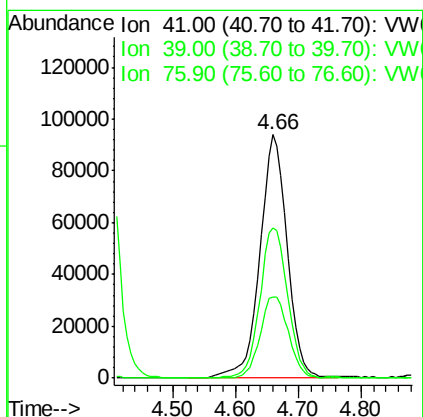
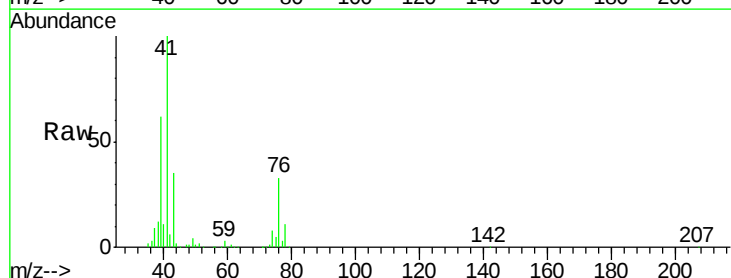
Tgt Ion: 41 Resp: 282520

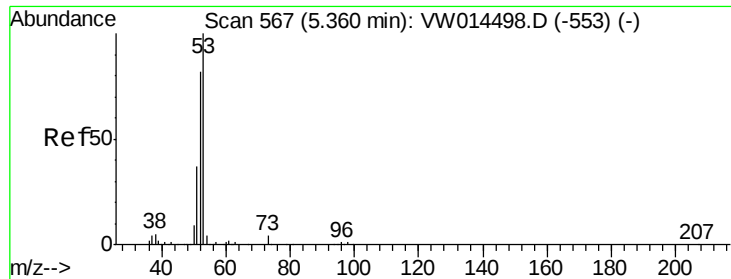
Ion Ratio Lower Upper

41 100

39 62.5 48.5 72.7

76 34.5 28.1 42.1





#15

Acrylonitrile

Concen: 90.502 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

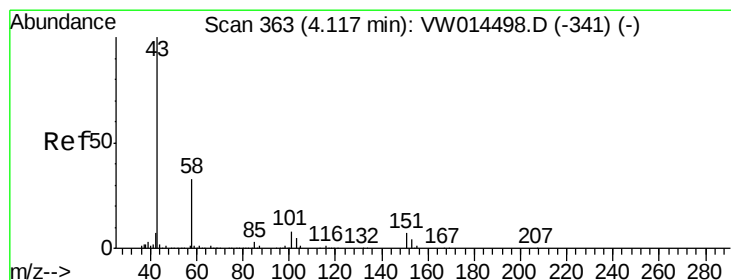
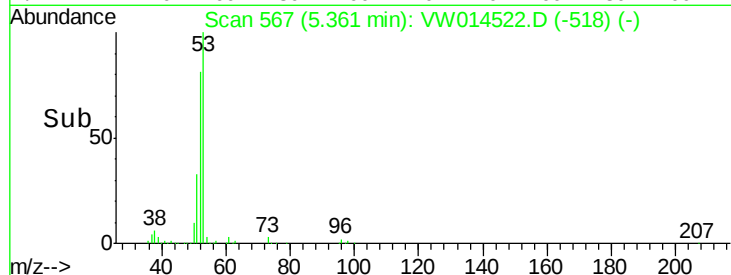
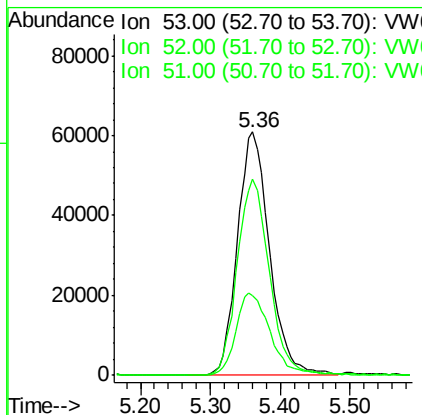
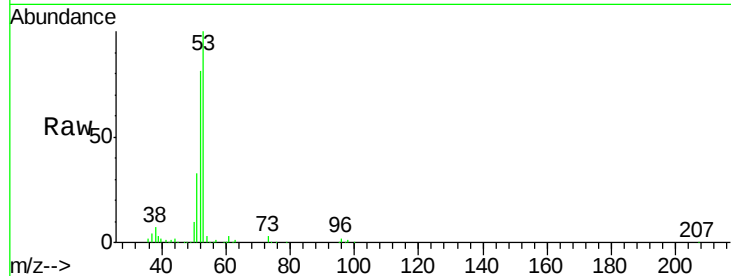
ClientSampleId :

VW0106SBS01

Tgt Ion:	53	Resp:	194151
Ion Ratio		Lower	Upper
53	100		
52	80.7	66.5	99.7
51	36.4	28.4	42.6

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#16

Acetone

Concen: 89.164 ug/l

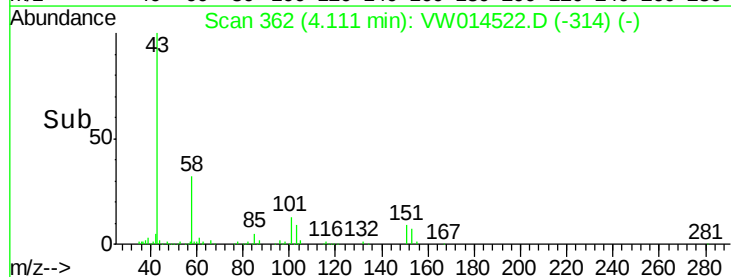
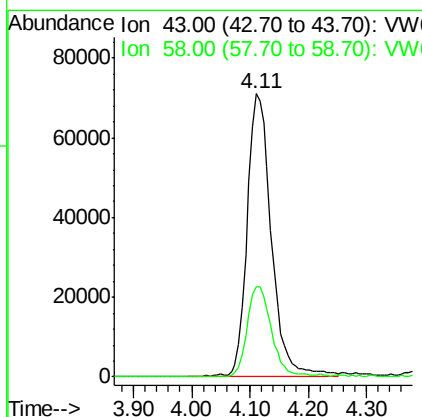
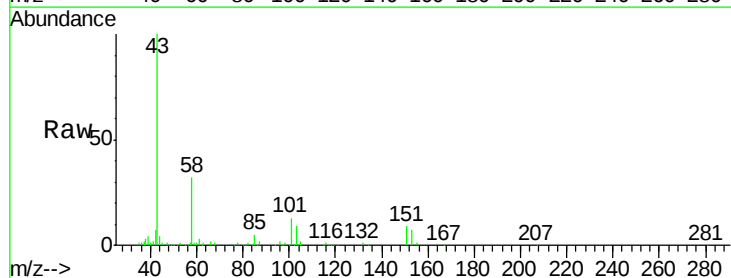
RT: 4.11 min Scan# 362

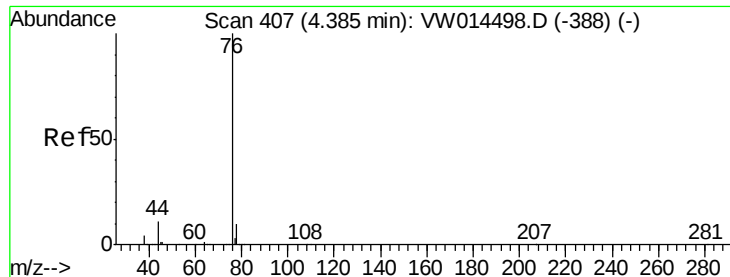
Delta R.T. -0.01 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Tgt Ion:	43	Resp:	204158
Ion Ratio		Lower	Upper
43	100		
58	31.8	26.6	39.8





#17

Carbon Disulfide

Concen: 19.390 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

Tgt Ion: 76 Resp: 539390

Ion Ratio Lower Upper

76 100

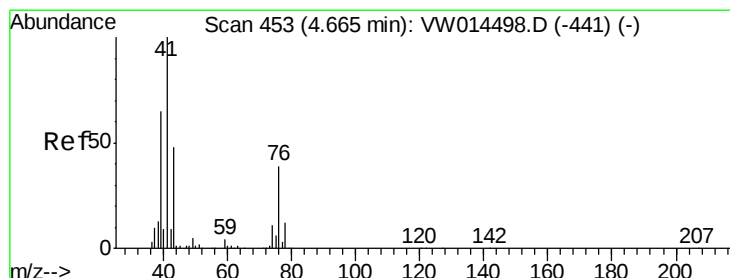
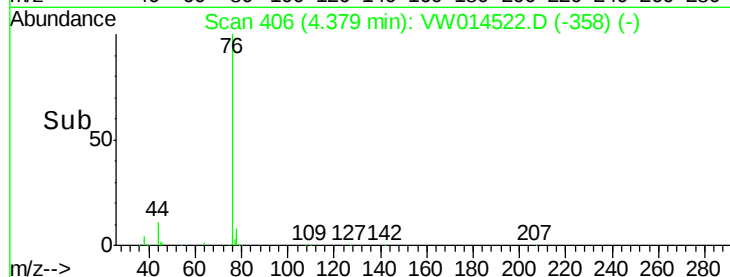
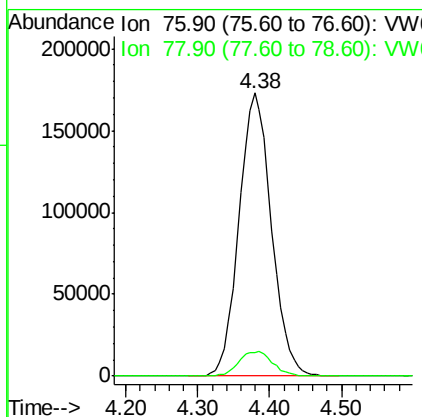
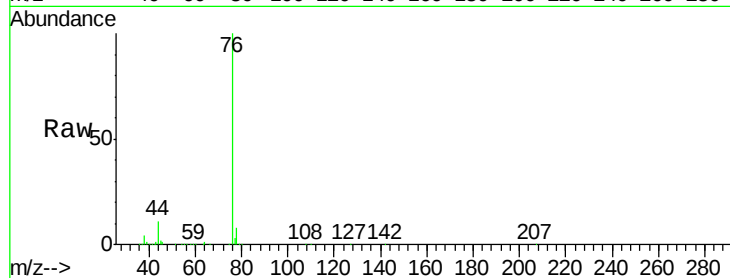
78 8.2 7.8 11.6

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#18

Methyl Acetate

Concen: 17.892 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW014522.D

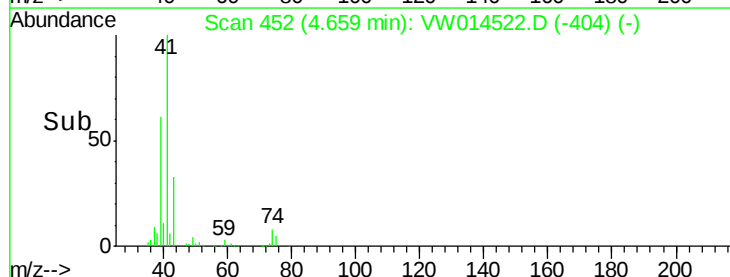
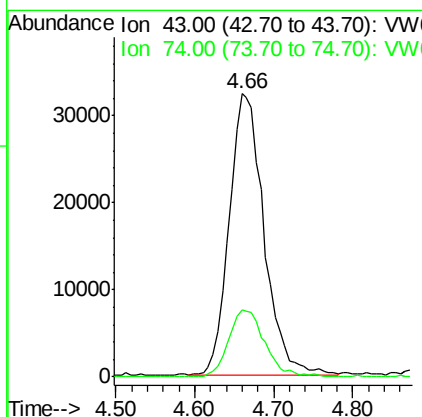
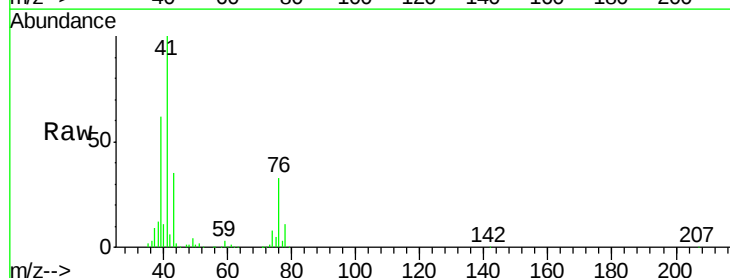
Acq: 06 Jan 2020 14:36

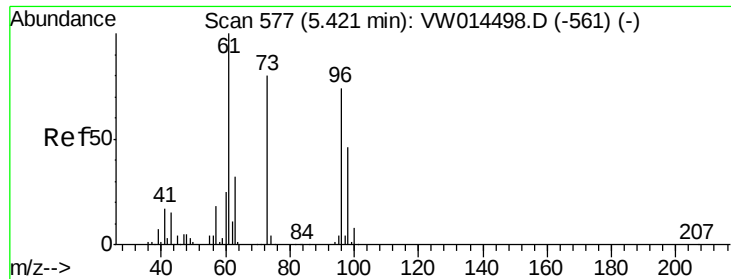
Tgt Ion: 43 Resp: 98941

Ion Ratio Lower Upper

43 100

74 24.8 19.3 28.9





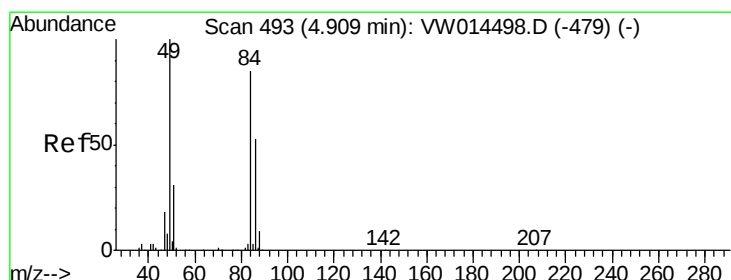
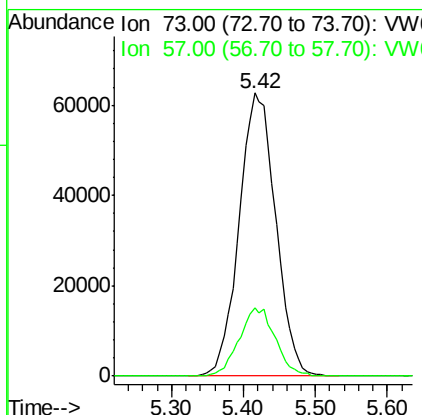
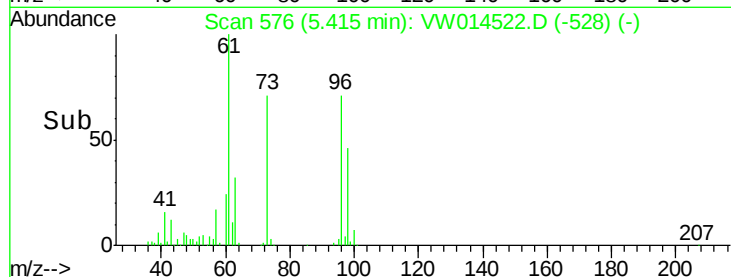
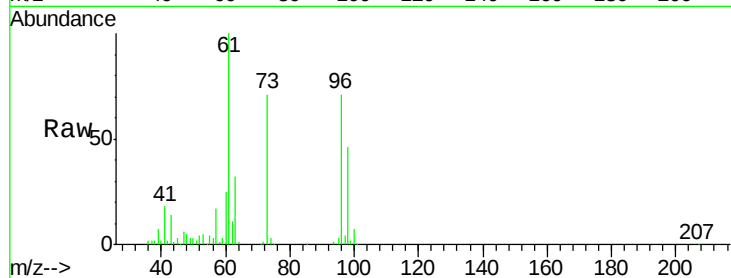
#19
Methyl tert-butyl Ether
Concen: 19.260 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion: 73 Resp: 220666
Ion Ratio Lower Upper
73 100
57 24.1 18.1 27.1

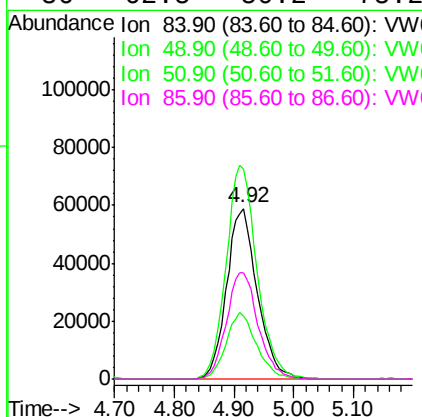
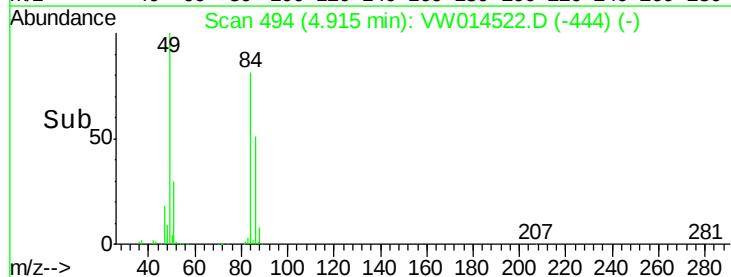
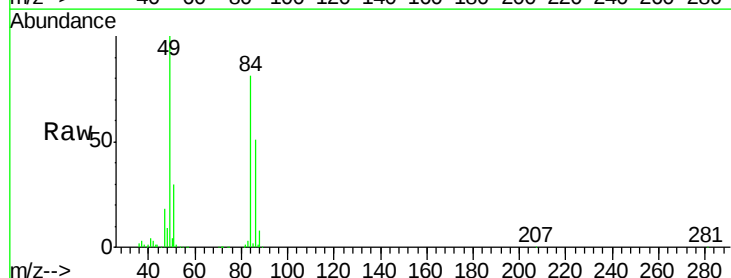
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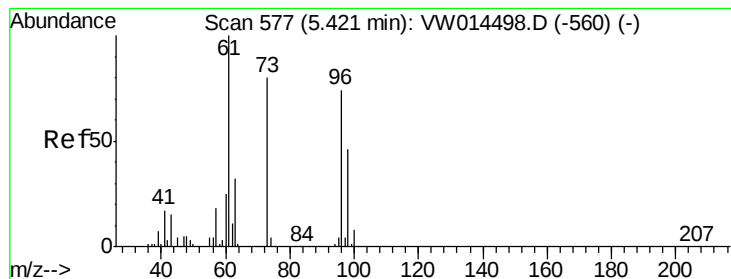
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#20
Methylene Chloride
Concen: 20.017 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Tgt Ion: 84 Resp: 210473
Ion Ratio Lower Upper
84 100
49 123.3 94.4 141.6
51 37.1 29.5 44.3
86 62.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 19.511 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

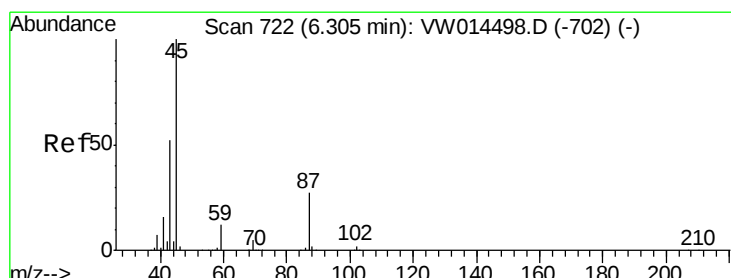
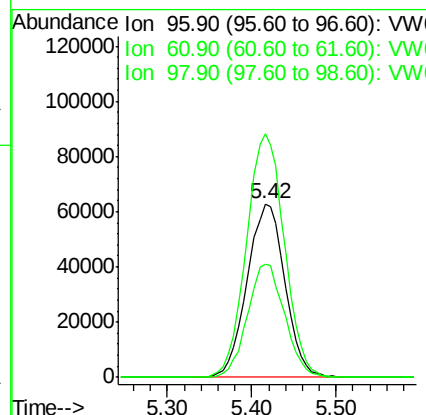
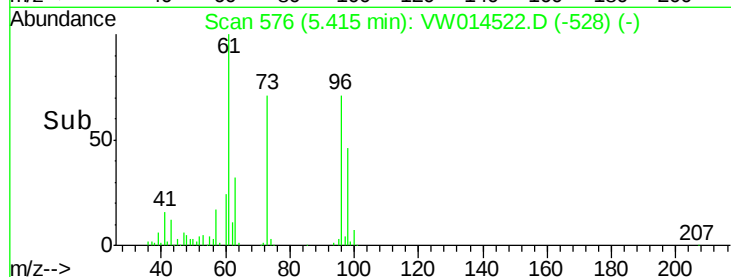
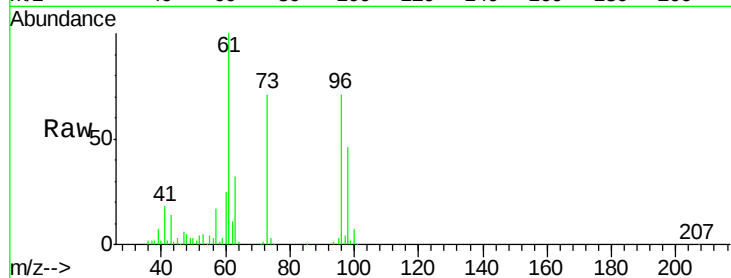
ClientSampled :

VW0106SBS01

Tgt Ion:	96	Resp:	191215
Ion	Ratio	Lower	Upper
96	100		
61	140.3	107.8	161.6
98	65.1	49.4	74.0

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#22

Diisopropyl ether

Concen: 19.987 ug/l

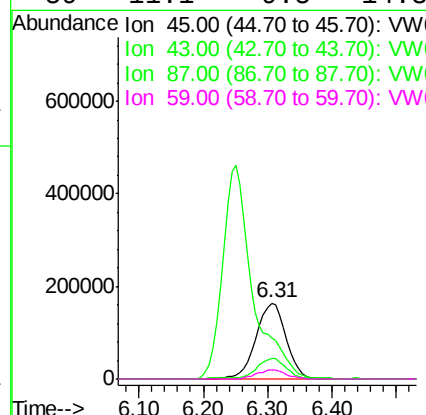
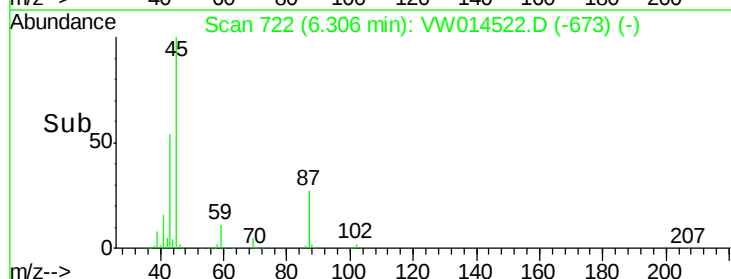
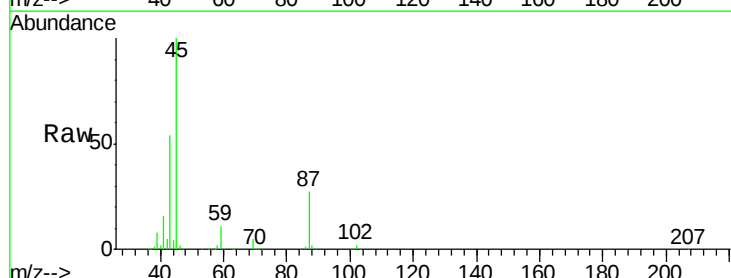
RT: 6.31 min Scan# 722

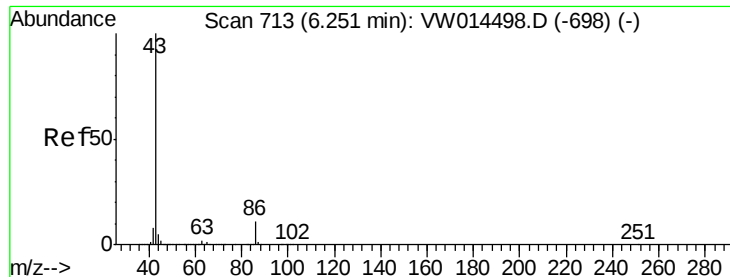
Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Tgt Ion:	45	Resp:	527655
Ion	Ratio	Lower	Upper
45	100		
43	54.0	41.4	62.0
87	27.0	22.2	33.2
59	11.1	9.5	14.3





#23

Vinyl Acetate

Concen: 94.854 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

ClientSampled :

VW0106SBS01

Tgt Ion: 43 Resp: 1512124

Ion Ratio Lower Upper

43 100

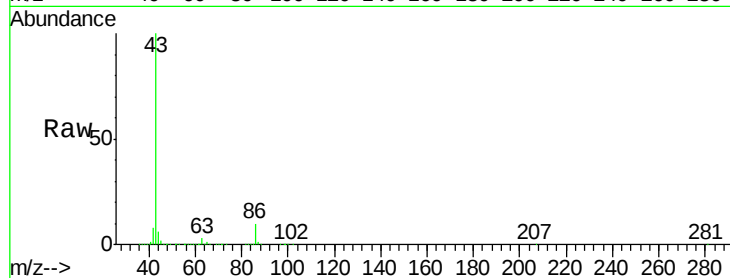
86 10.3 8.8 13.2

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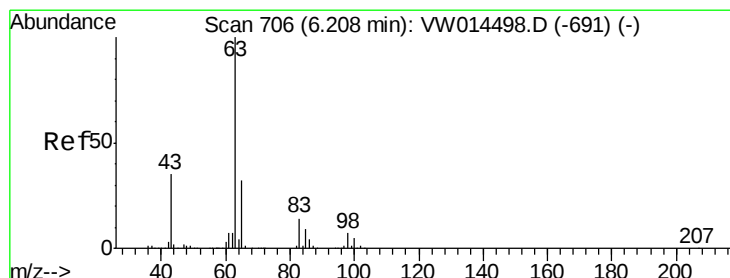
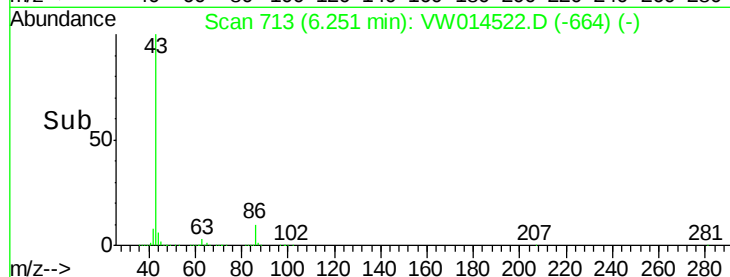
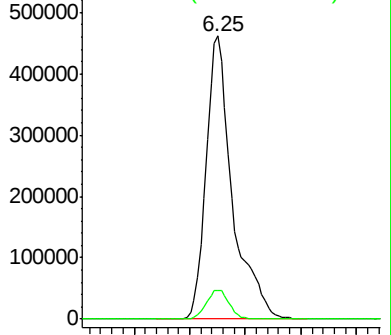
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.817 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

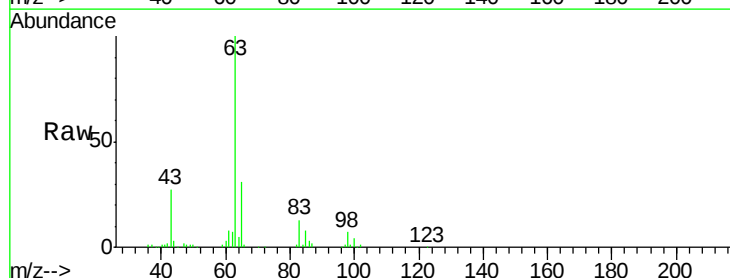
Tgt Ion: 63 Resp: 330004

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

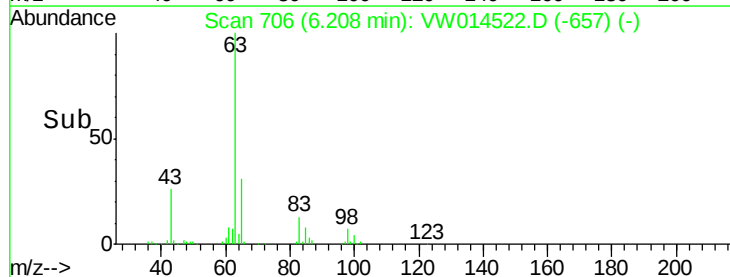
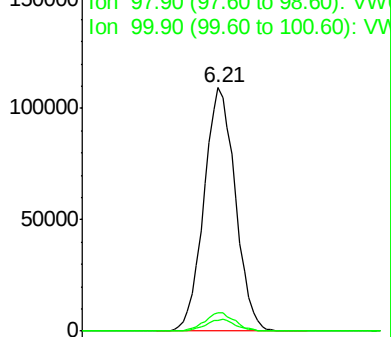
100 4.2 2.5 7.4

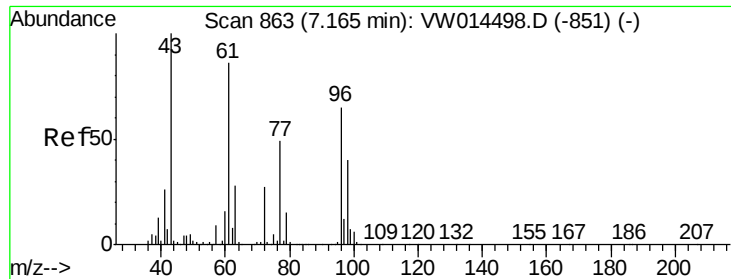


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 91.181 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

ClientSampled :

VW0106SBS01

Tgt Ion: 43 Resp: 267928

Ion Ratio Lower Upper

43 100

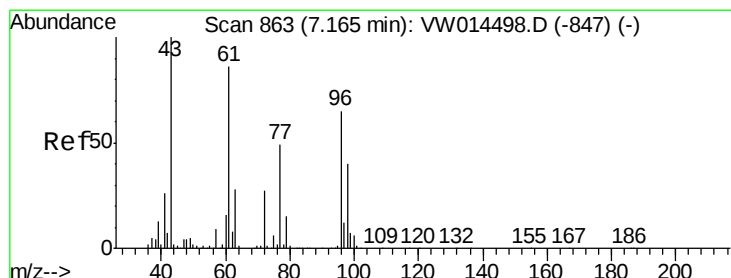
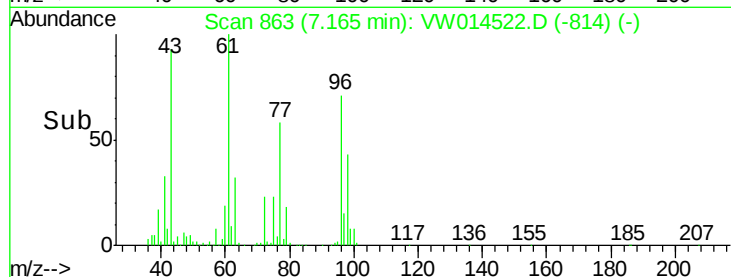
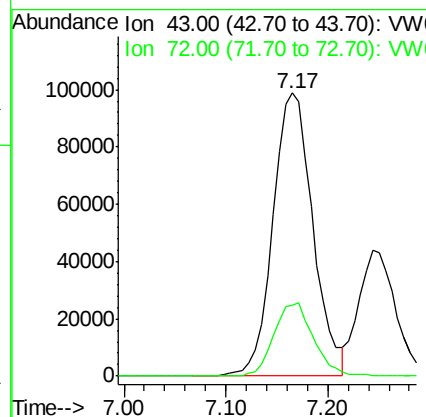
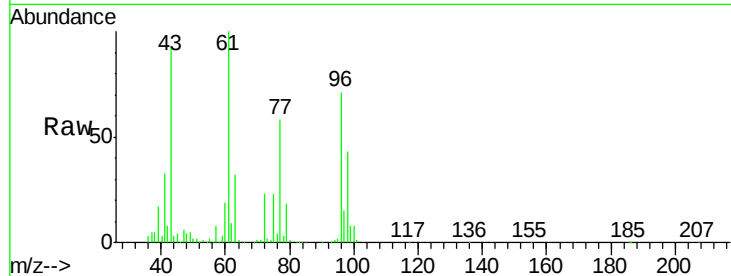
72 25.0 21.9 32.9

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#26

2,2-Dichloropropane

Concen: 20.797 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014522.D

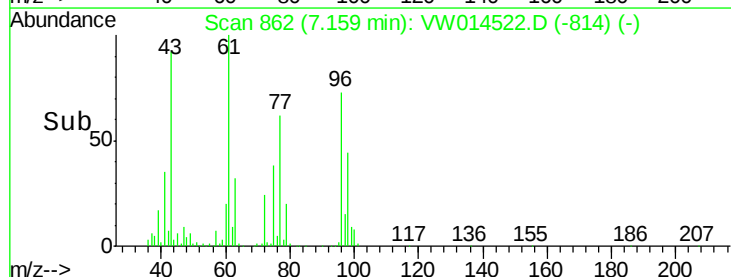
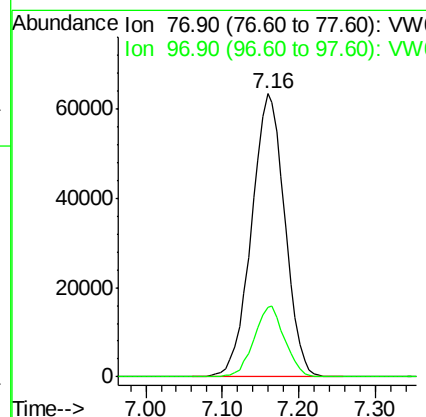
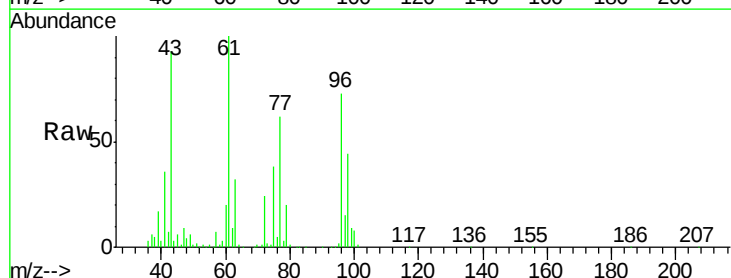
Acq: 06 Jan 2020 14:36

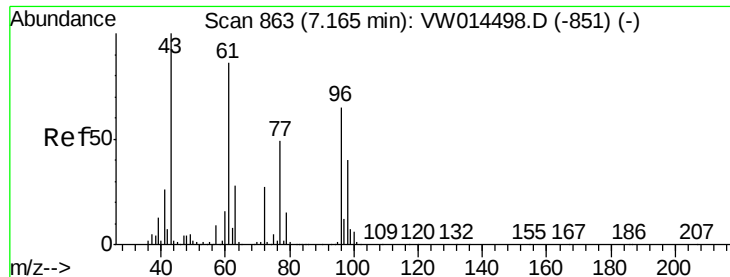
Tgt Ion: 77 Resp: 191741

Ion Ratio Lower Upper

77 100

97 22.9 12.5 37.5





#27

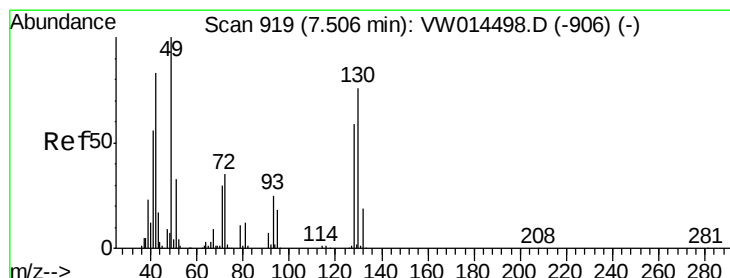
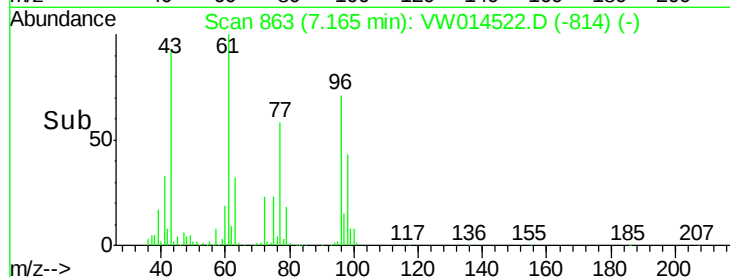
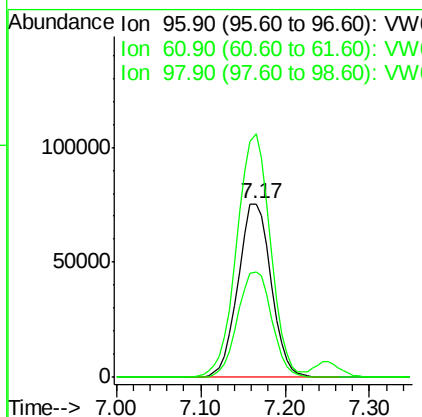
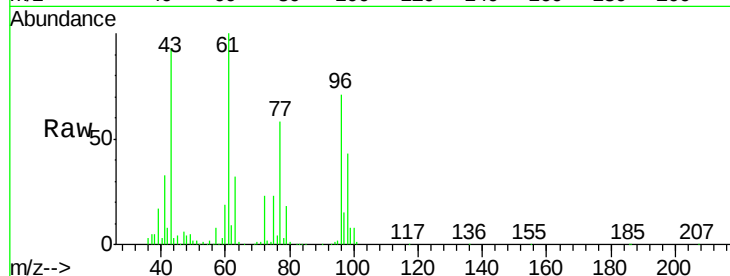
cis-1,2-Dichloroethene
Concen: 19.472 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Instrument :
MSVOA_W
ClientSampled :
VW0106SBS01

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	142.5	0.0	274.8
98	62.6	0.0	128.6

Manual Integrations
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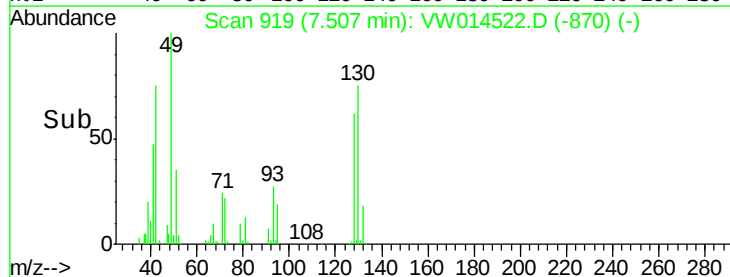
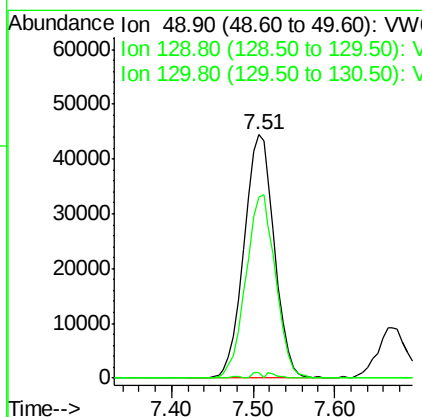
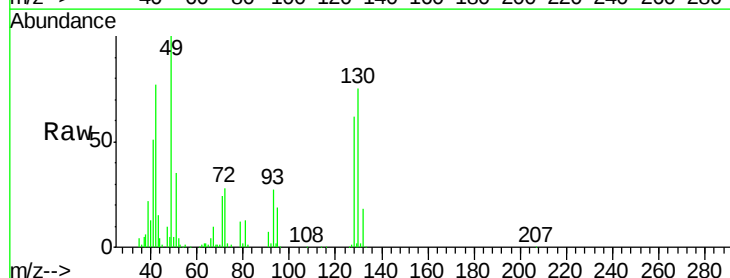
apatel
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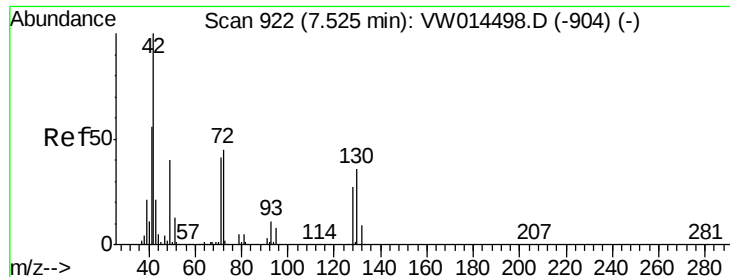


#28

Bromochloromethane
Concen: 17.569 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	0.6	0.0	2.0
130	0.0	62.5	93.7#





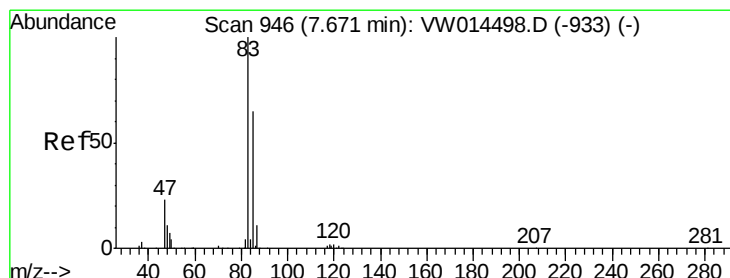
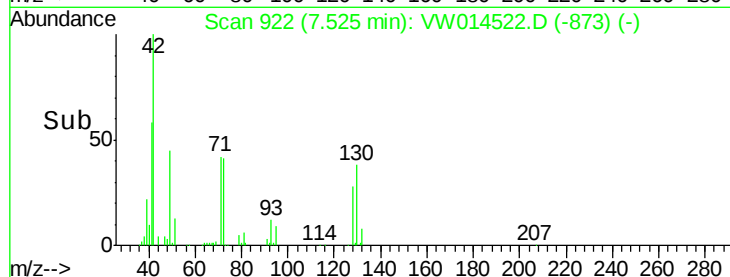
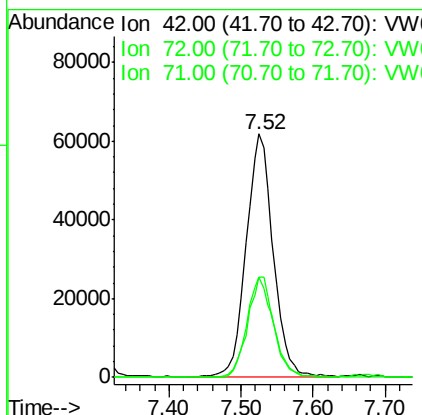
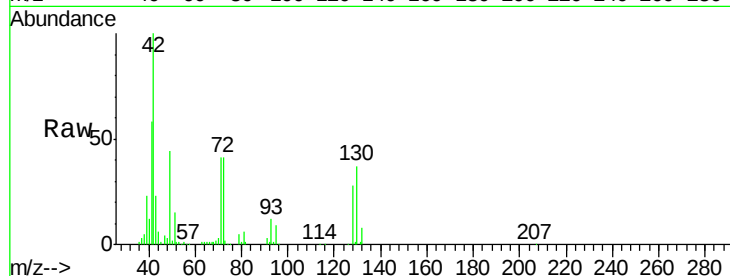
#29
Tetrahydrofuran
Concen: 88.394 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.4	34.5	51.7
71	38.5	32.0	48.0

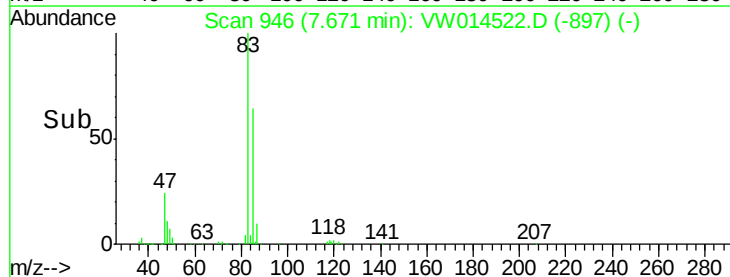
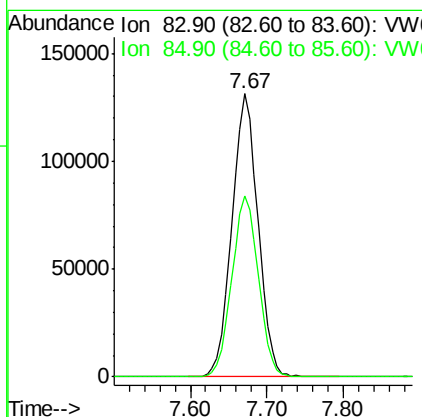
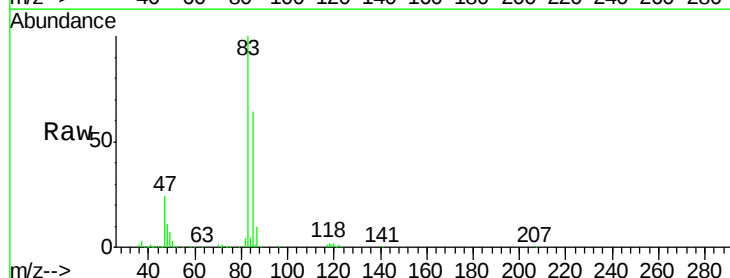
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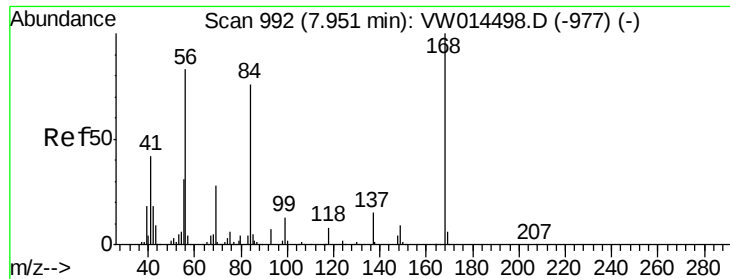
apatel
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#30
Chloroform
Concen: 19.844 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.2	78.2





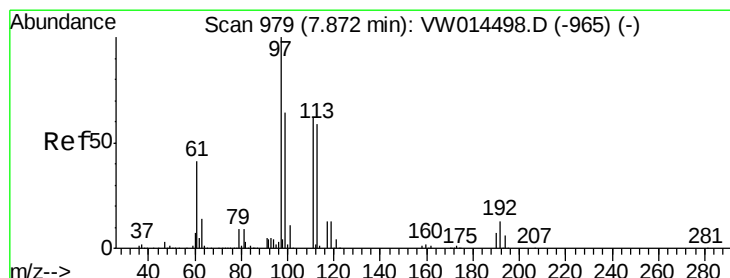
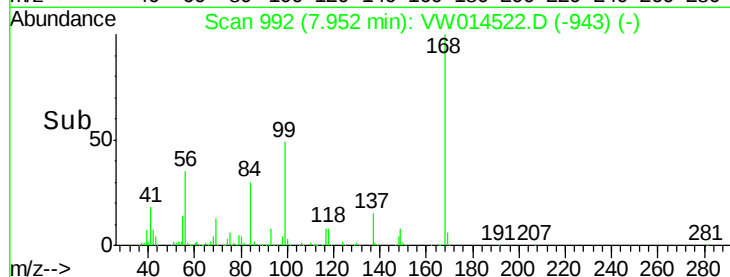
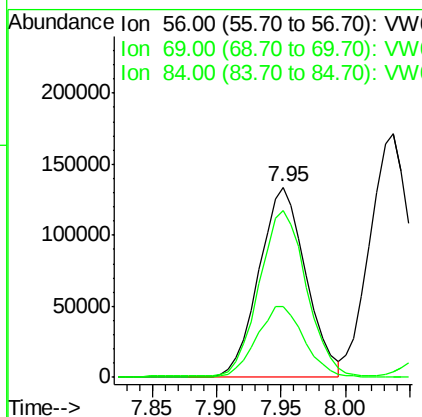
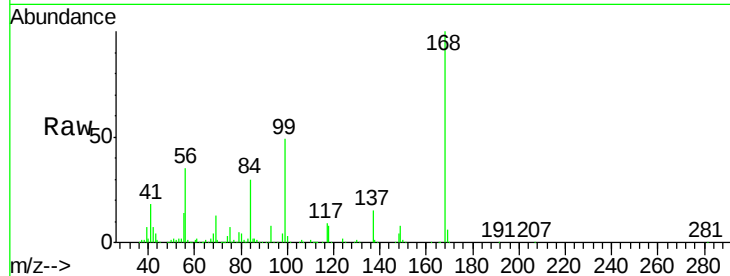
#31
Cyclohexane
Concen: 19.534 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Instrument :
MSVOA_W
ClientSampled :
VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	37.3	26.8	40.2
84	86.4	71.8	107.6

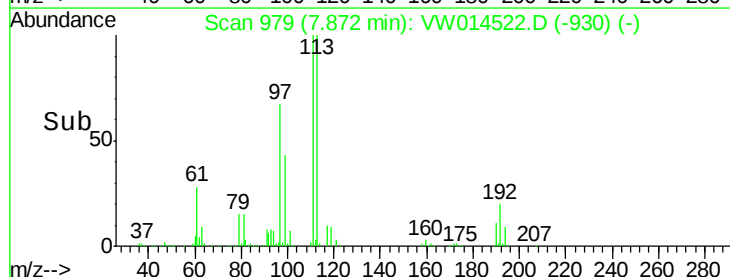
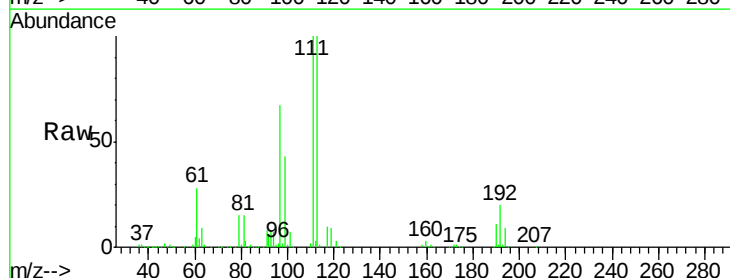
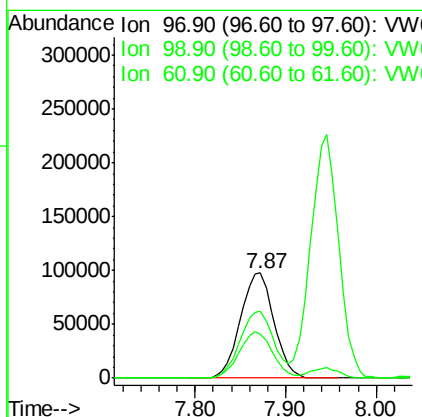
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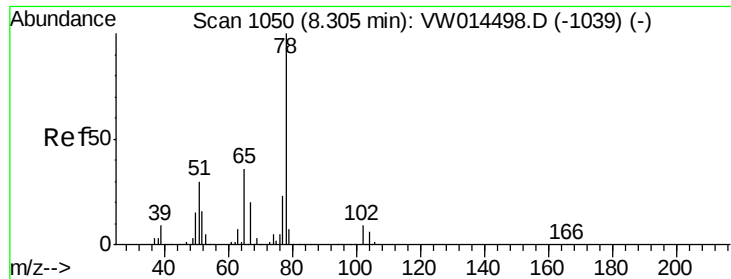
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#32
1,1,1-Trichloroethane
Concen: 19.875 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.6
61	44.5	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 48.137 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

Tgt Ion: 65 Resp: 390342

Ion Ratio Lower Upper

65 100

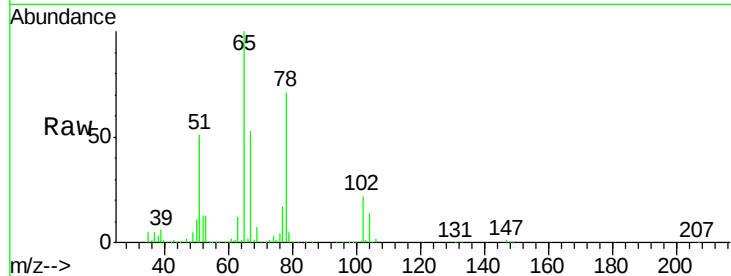
67 54.1 0.0 108.4

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

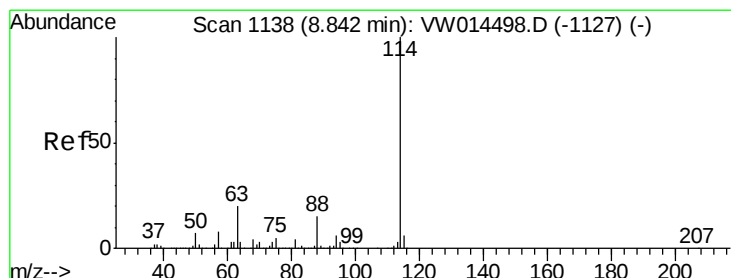
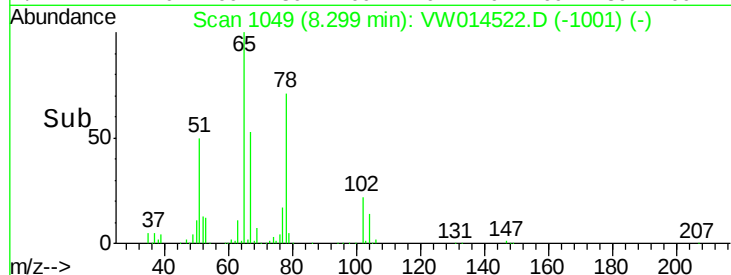
150000

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: VW014522.D

Acq: 06 Jan 2020 14:36

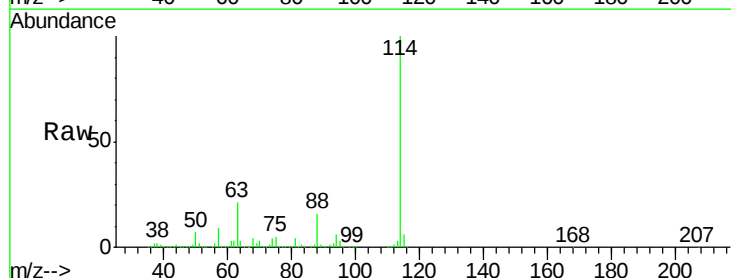
Tgt Ion: 114 Resp: 1383616

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.4

88 15.8 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

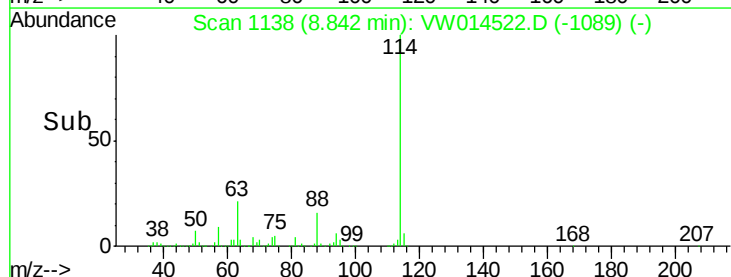
600000

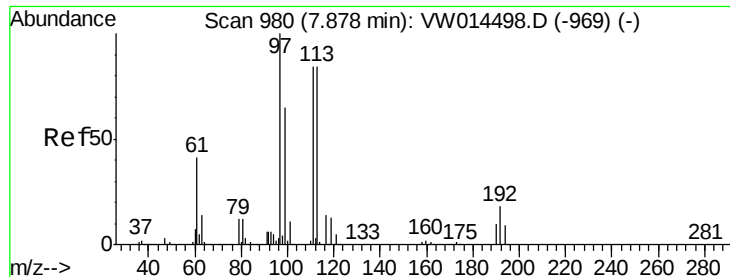
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.249 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

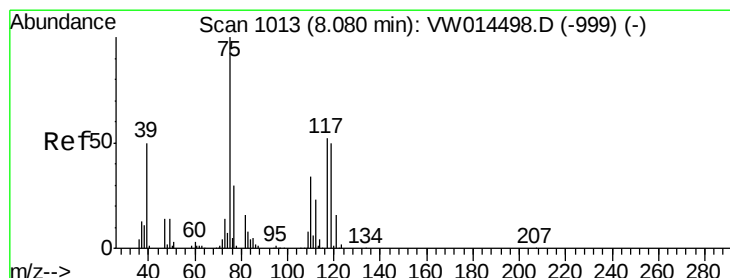
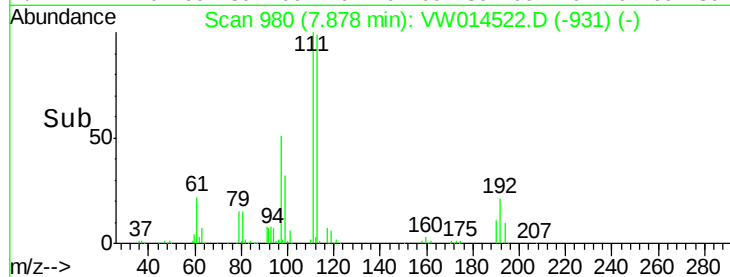
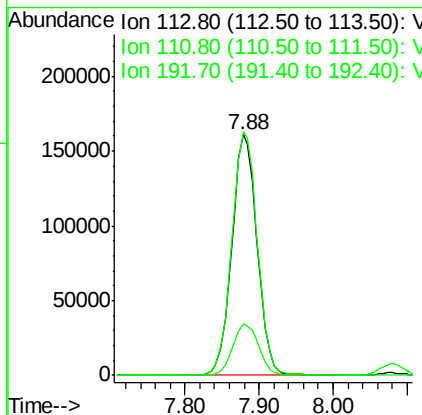
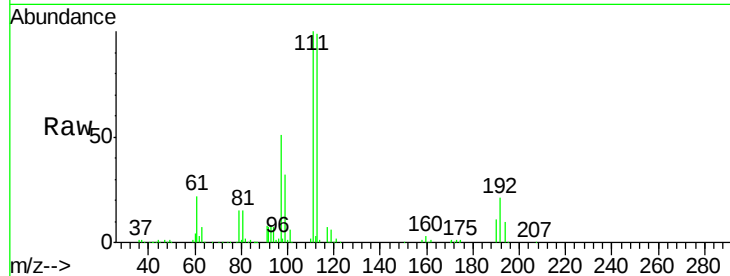
ClientSampled :

VW0106SBS01

Tgt Ion:	113	Resp:	381538
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.4	122.2
192	22.0	17.8	26.8

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#36

1,1-Dichloropropene

Concen: 19.838 ug/l

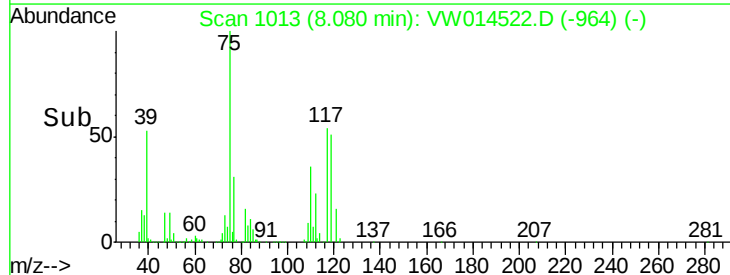
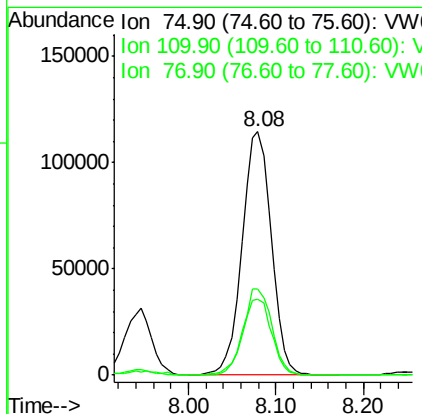
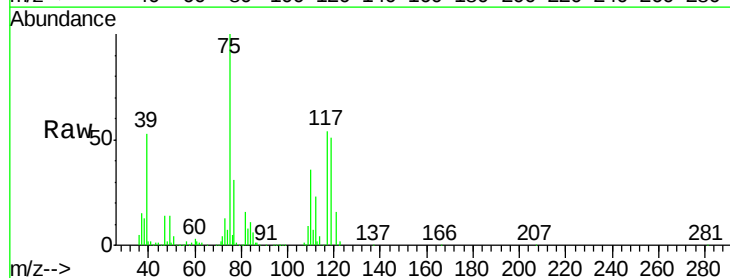
RT: 8.08 min Scan# 1013

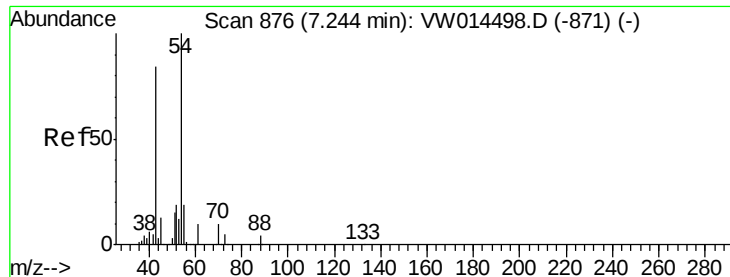
Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Tgt Ion:	75	Resp:	264613
Ion Ratio	Lower	Upper	
75	100		
110	34.9	17.8	53.5
77	31.5	24.7	37.1





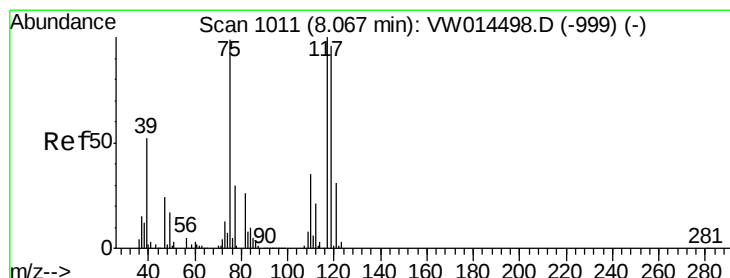
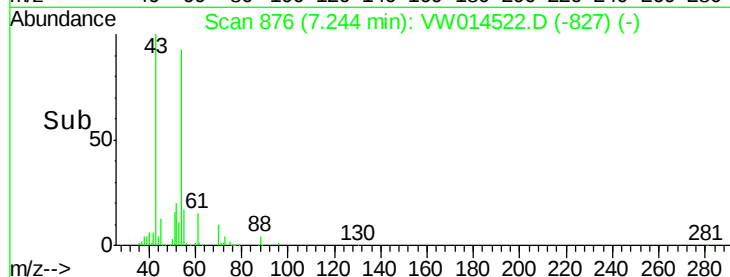
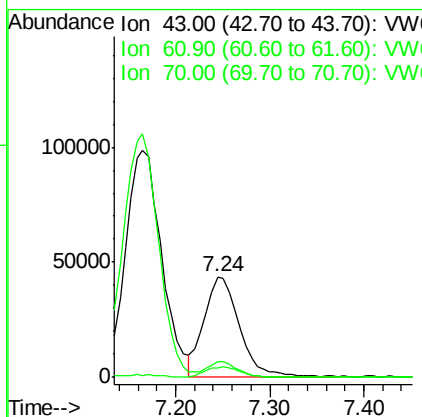
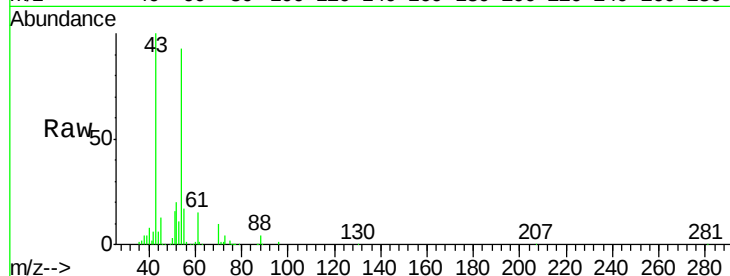
#37
Ethyl Acetate
Concen: 18.554 ug/l
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Instrument :
MSVOA_W
ClientSampled :
VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.7	17.5
70	10.9	9.0	13.6

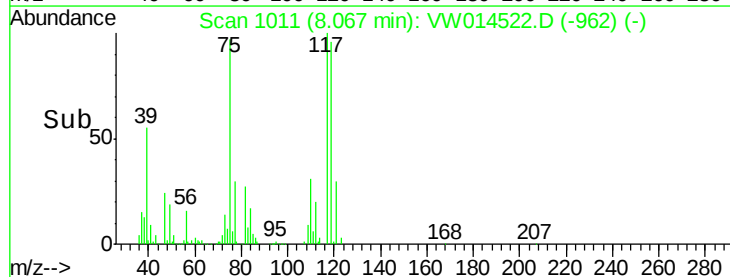
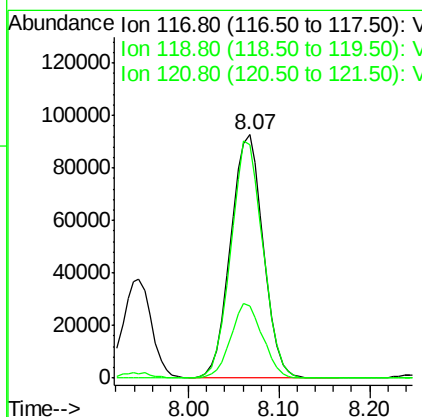
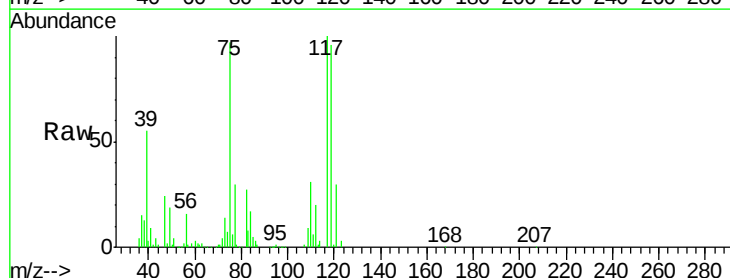
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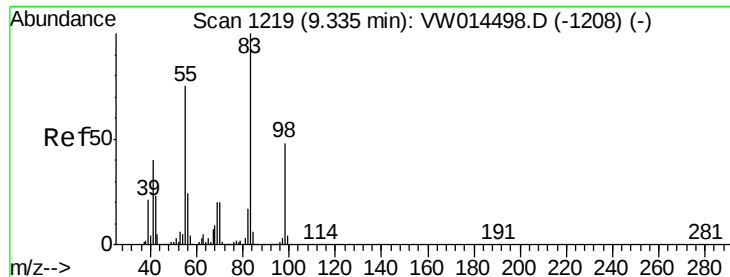
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#38
Carbon Tetrachloride
Concen: 19.919 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.0	115.6
121	29.8	24.6	36.8





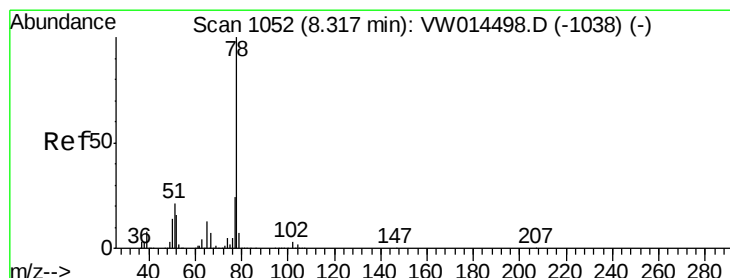
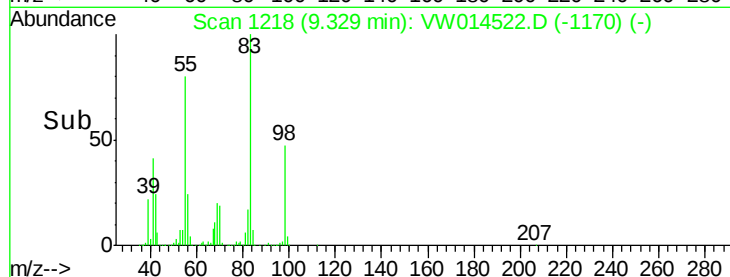
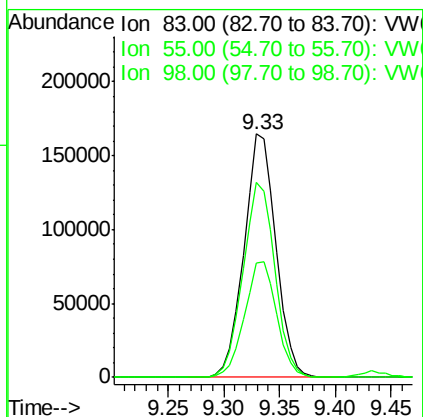
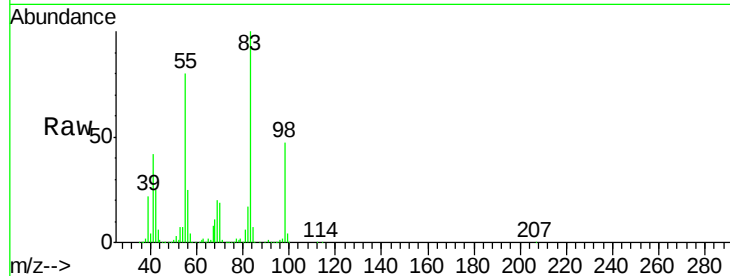
#39
Methylcyclohexane
Concen: 19.193 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Instrument :
MSVOA_W
ClientSampled :
VW0106SBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	80.2	60.1	90.1
98	47.1	38.8	58.2

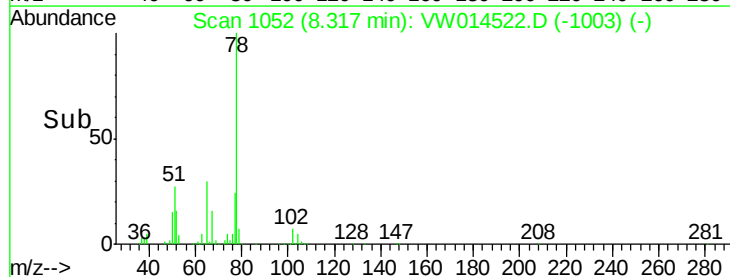
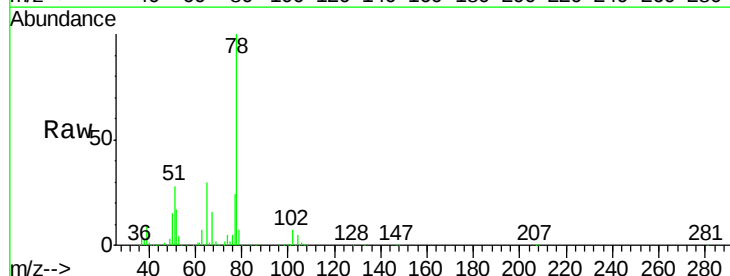
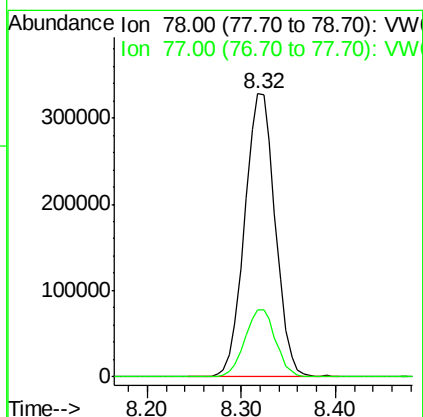
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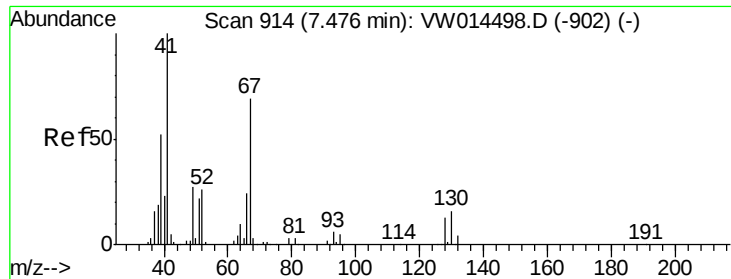
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#40
Benzene
Concen: 19.833 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
78	100		
77	23.8	19.3	28.9





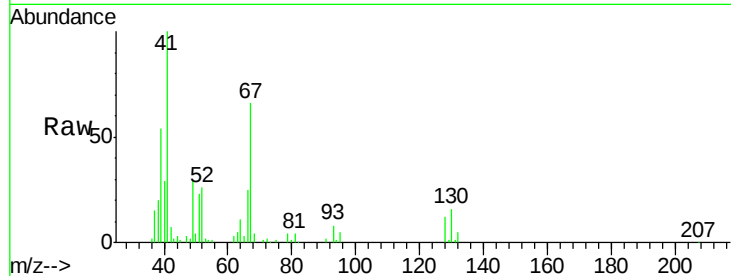
#41
Methacrylonitrile
Concen: 17.644 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

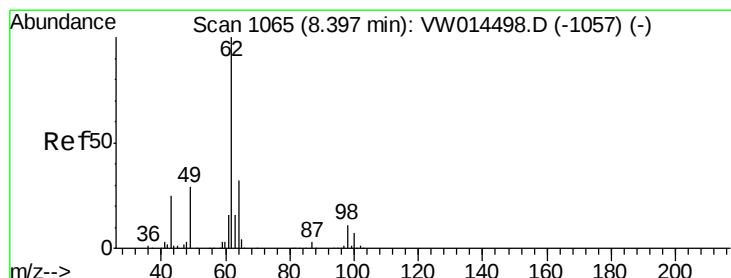
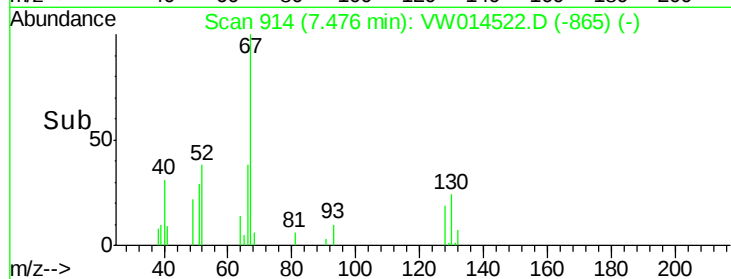
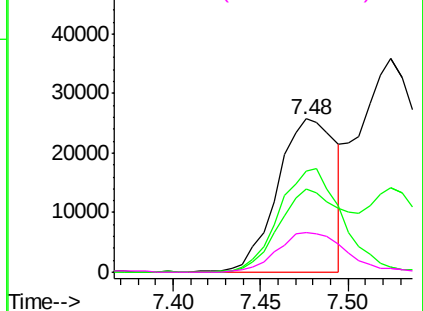
Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.2	46.0	69.0
67	74.3	60.8	91.2
52	31.2	23.7	35.5

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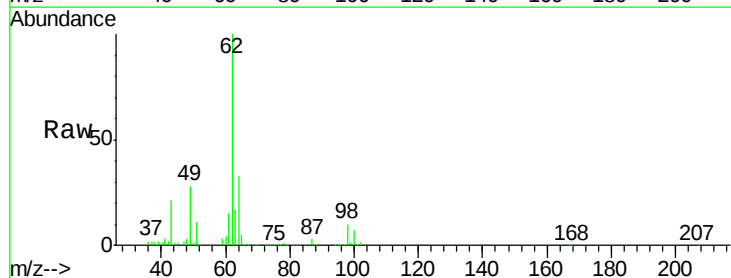


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

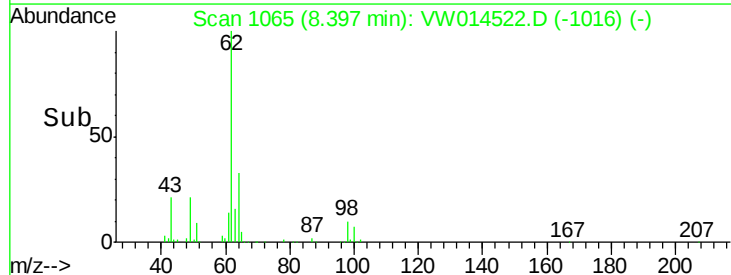
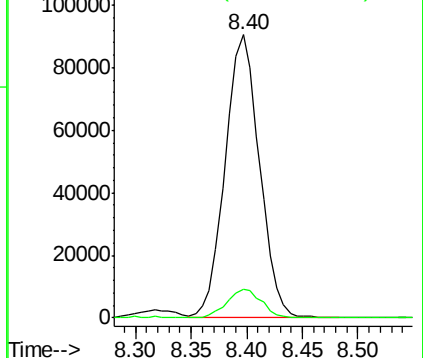


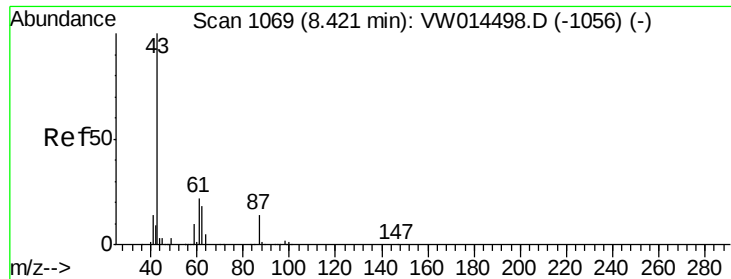
#42
1,2-Dichloroethane
Concen: 19.711 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	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: 18.257 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

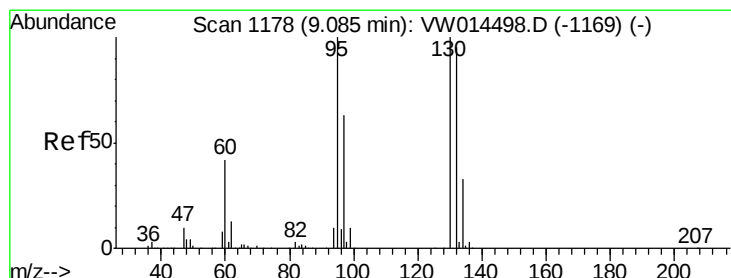
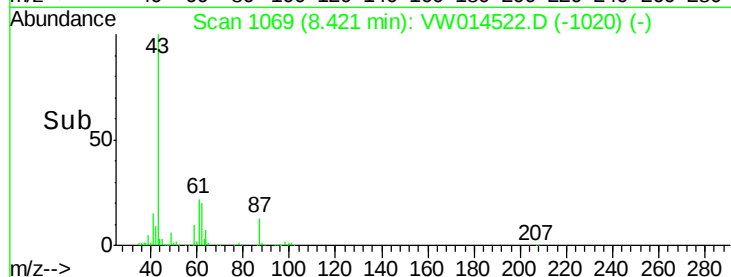
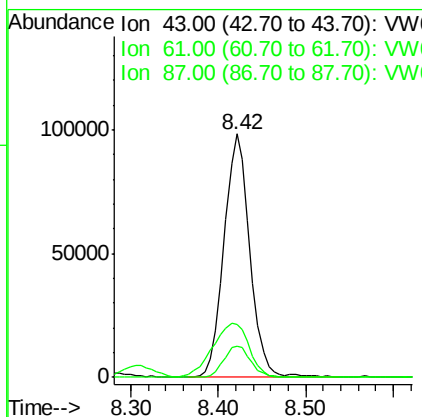
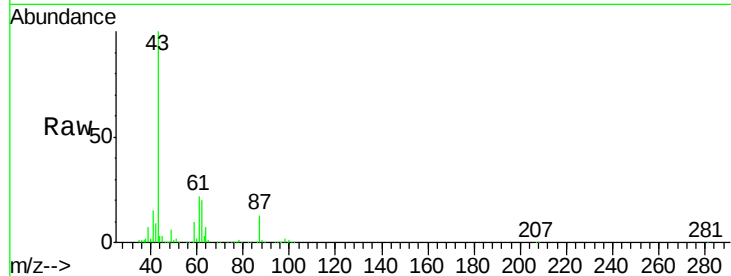
ClientSampleId :

VW0106SBS01

Tgt Ion:	43	Resp:	200558
Ion Ratio		Lower	Upper
43	100		
61	31.4	24.7	37.1
87	13.4	11.1	16.7

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#44

Trichloroethene

Concen: 19.525 ug/l

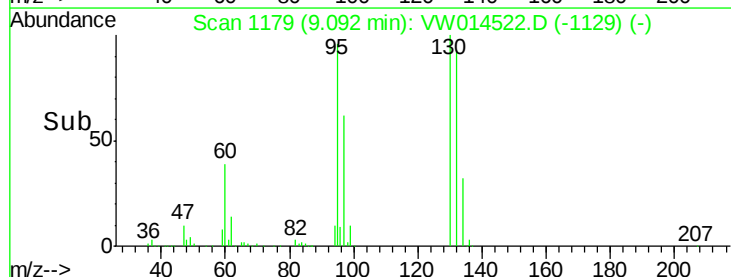
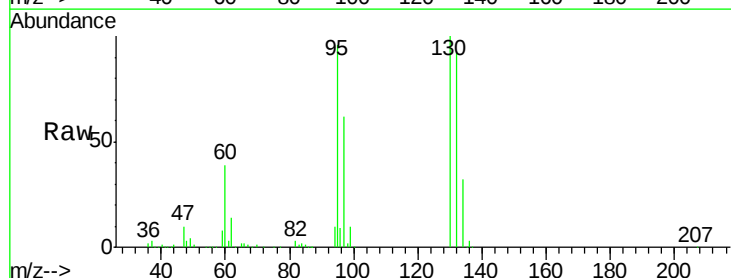
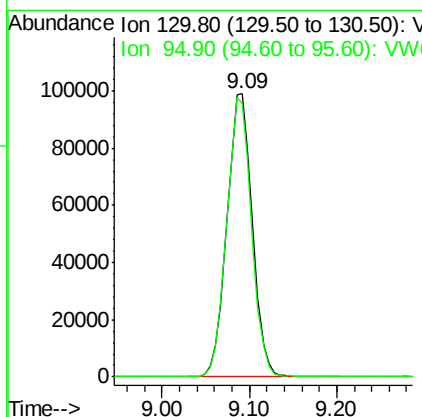
RT: 9.09 min Scan# 1179

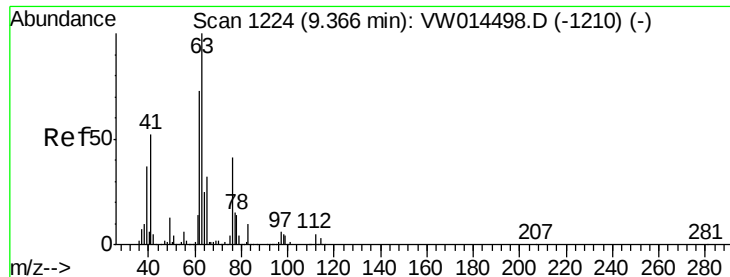
Delta R.T. 0.01 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Tgt Ion:	130	Resp:	199387
Ion Ratio		Lower	Upper
130	100		
95	96.3	0.0	199.4





#45

1,2-Dichloropropane

Concen: 19.693 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

ClientSampled :

VW0106SBS01

Tgt Ion: 63 Resp: 182378

Ion Ratio Lower Upper

63 100

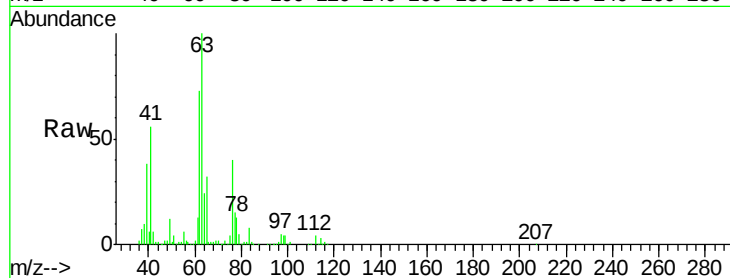
65 31.8 25.6 38.4

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

100000

80000

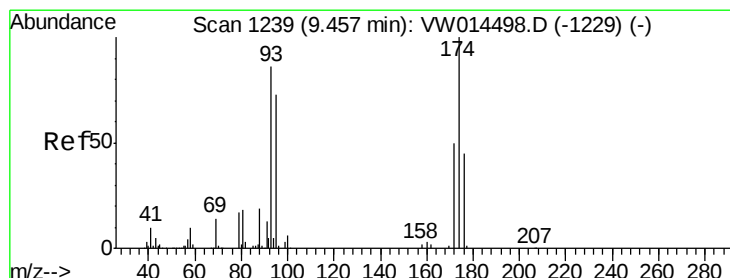
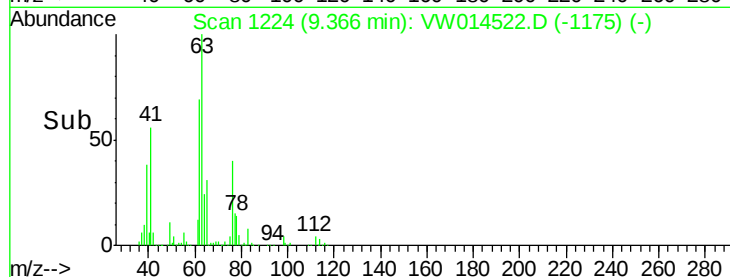
60000

40000

20000

0

Time--> 9.20 9.30 9.40



#46

Dibromomethane

Concen: 18.733 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

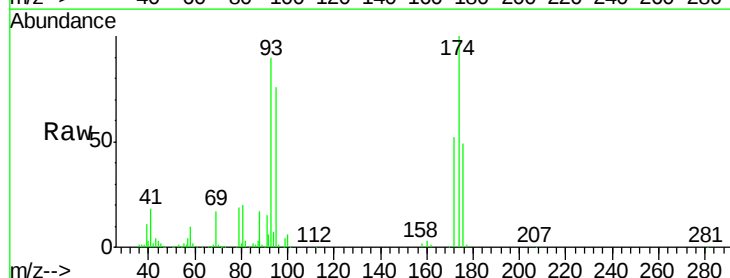
Tgt Ion: 93 Resp: 85647

Ion Ratio Lower Upper

93 100

95 84.0 66.4 99.6

174 108.4 89.1 133.7



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

60000

50000

40000

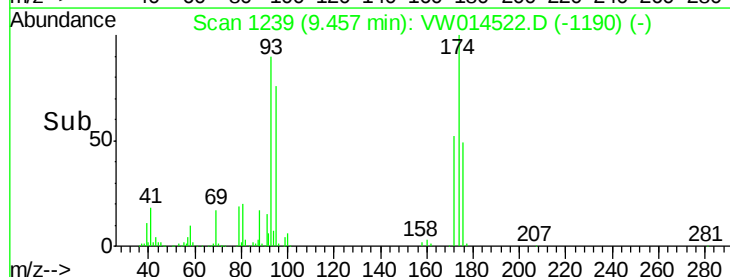
30000

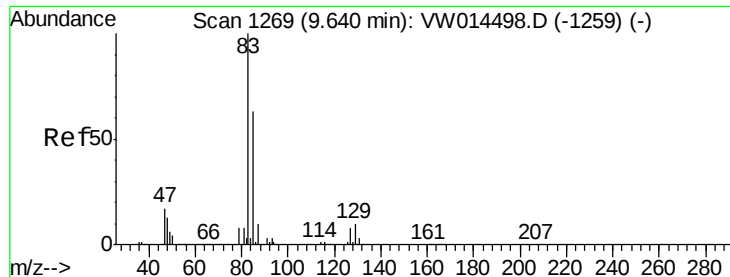
20000

10000

0

Time--> 9.40 9.50





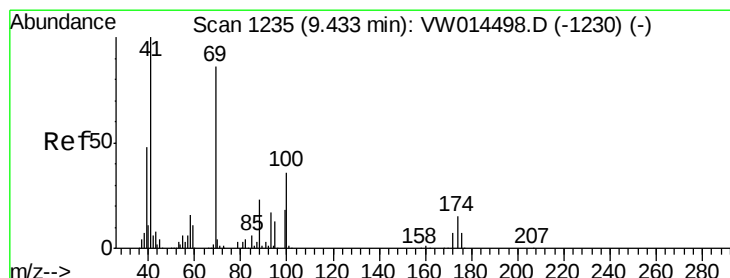
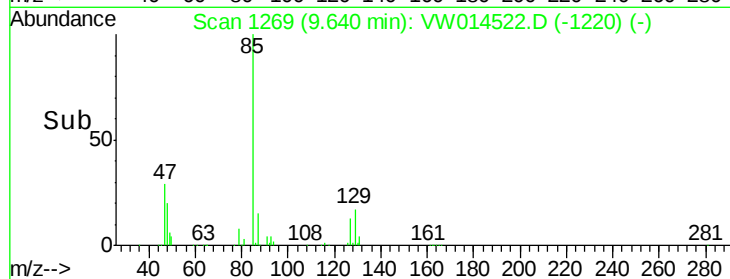
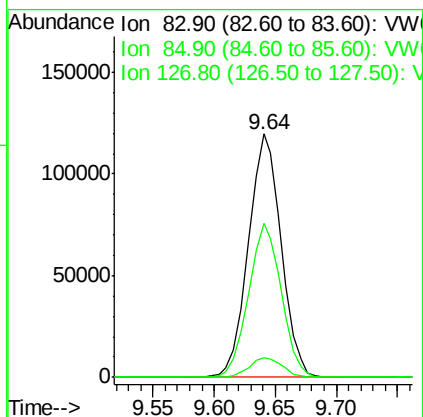
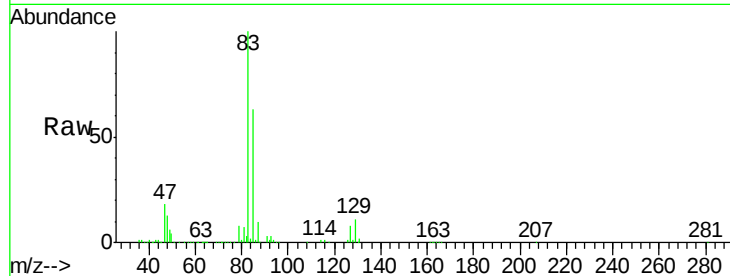
#47
Bromodichloromethane
Concen: 19.743 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.6	76.0
127	8.1	6.6	9.8

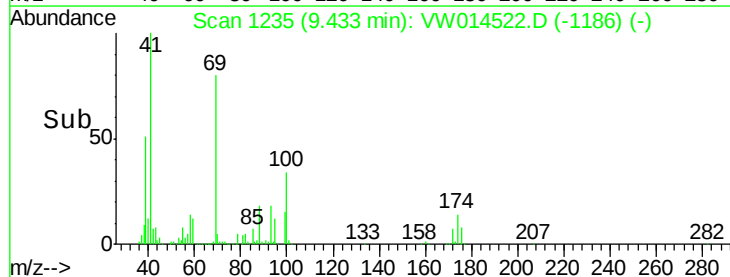
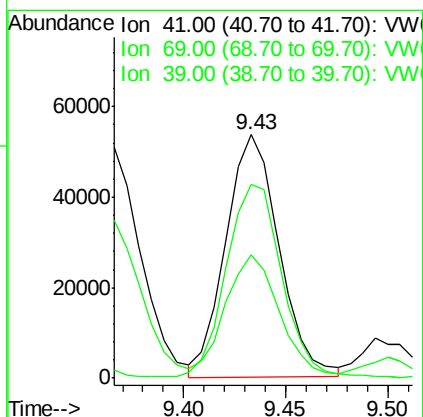
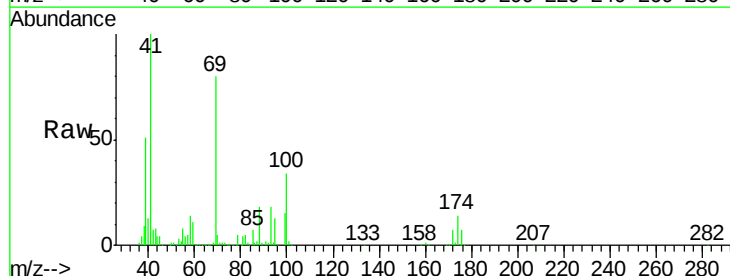
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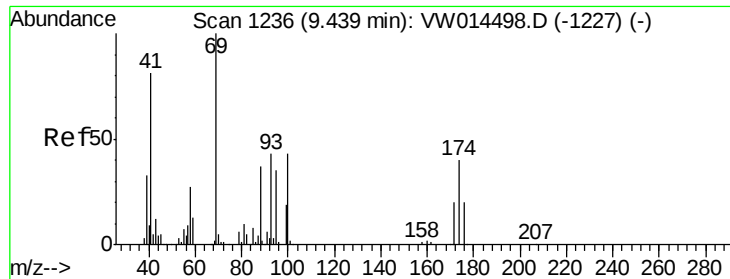
apatel
1/7/2020 10:27:48 AM



#48
Methyl methacrylate
Concen: 18.129 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.6	68.3	102.5
39	47.6	36.8	55.2





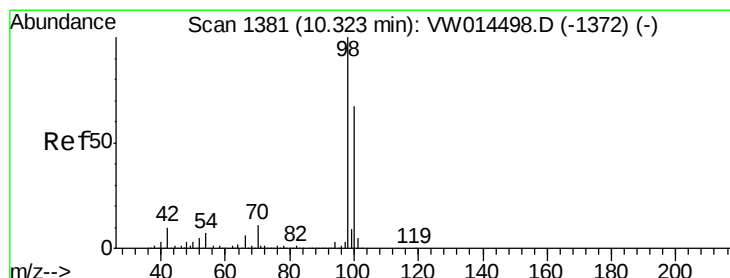
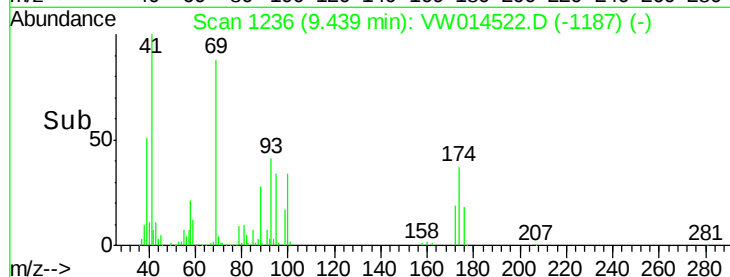
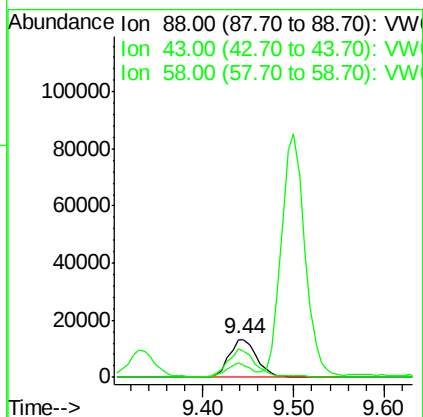
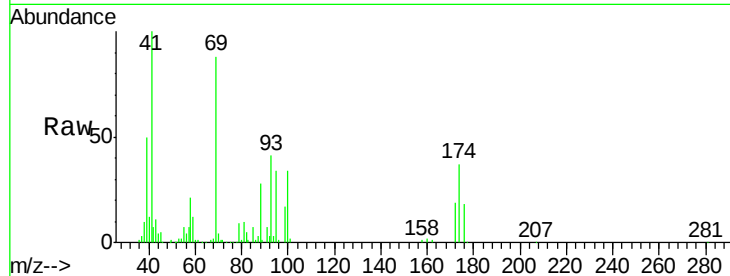
#49
1,4-Dioxane
Concen: 333.003 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Instrument :
MSVOA_W
ClientSampled :
VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.9	24.9	37.3
58	72.2	56.9	85.3

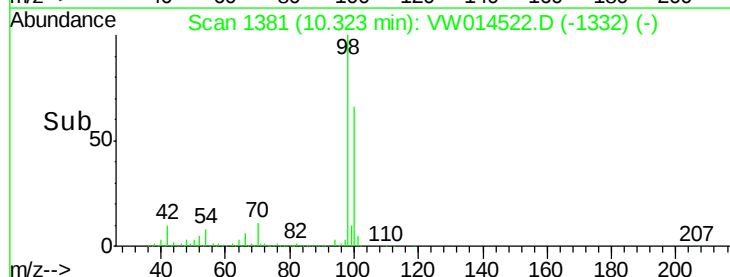
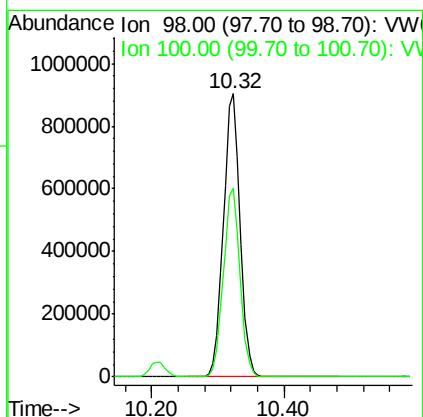
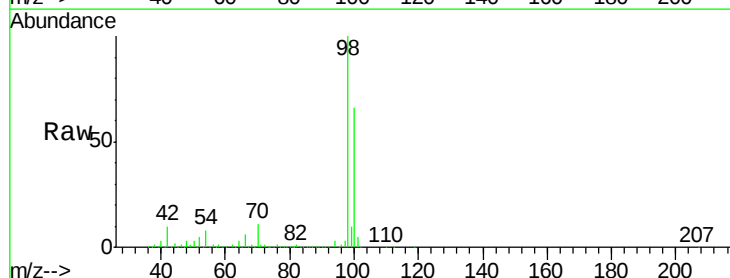
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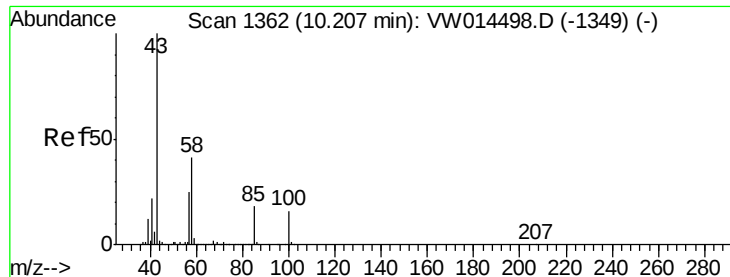
apatel
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#50
Toluene-d8
Concen: 47.842 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 91.626 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

ClientSampled :

VW0106SBS01

Tgt Ion: 43 Resp: 522697
Ion Ratio Lower Upper

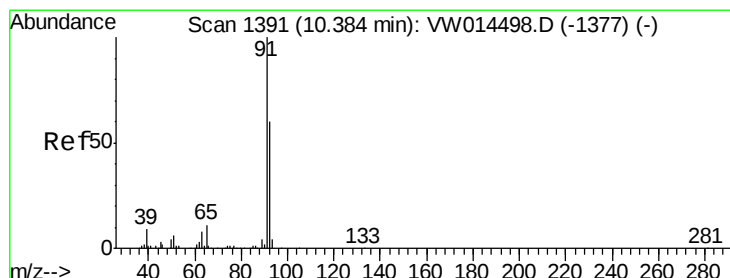
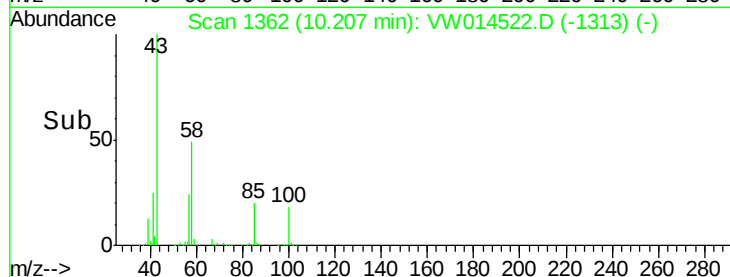
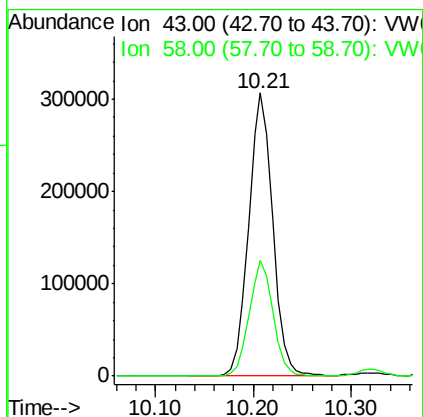
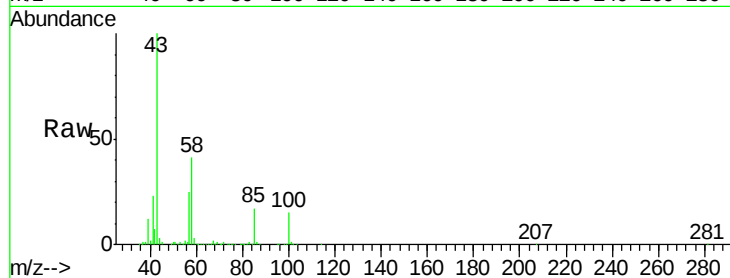
43 100

58 40.4 32.7 49.1

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#52

Toluene

Concen: 19.664 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

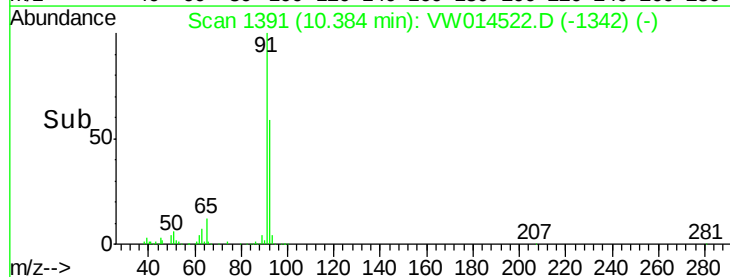
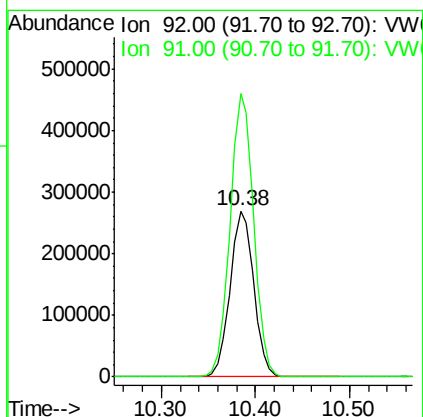
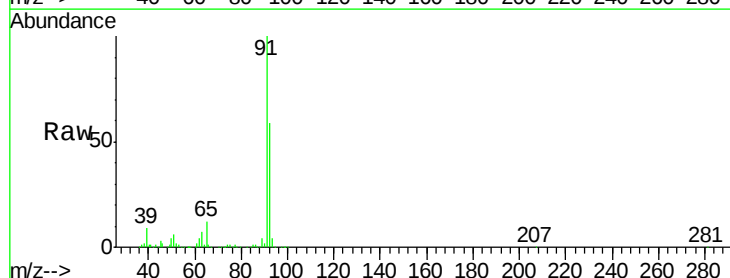
Lab File: VW014522.D

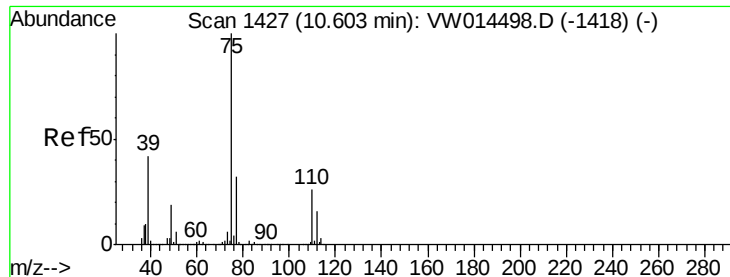
Acq: 06 Jan 2020 14:36

Tgt Ion: 92 Resp: 466865
Ion Ratio Lower Upper

92 100

91 170.3 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 18.950 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

ClientSampled :

VW0106SBS01

Tgt Ion: 75 Resp: 221462

Ion Ratio Lower Upper

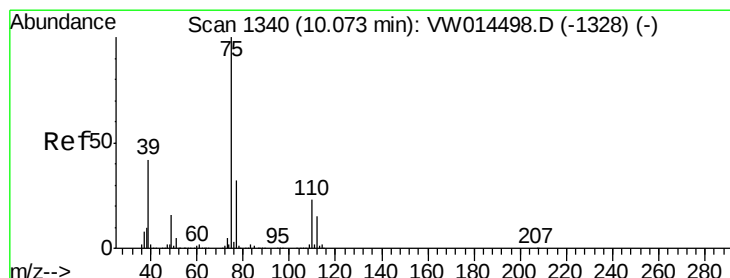
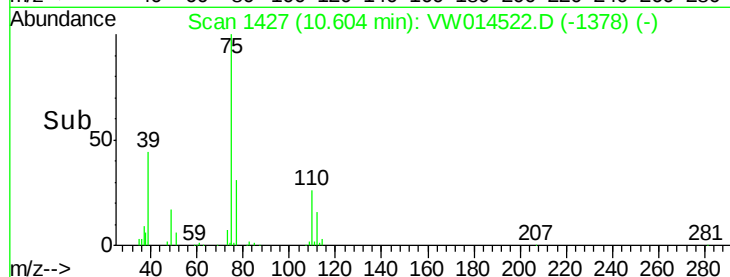
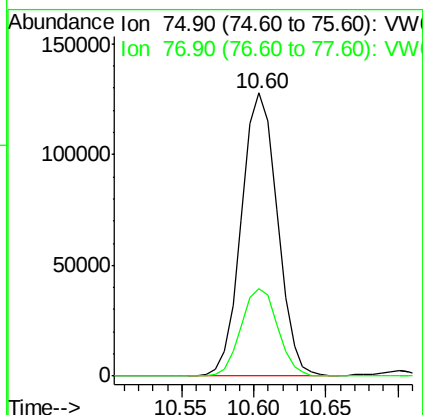
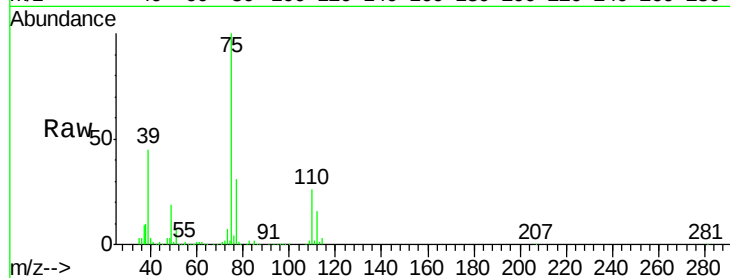
75 100

77 31.1 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 19.121 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

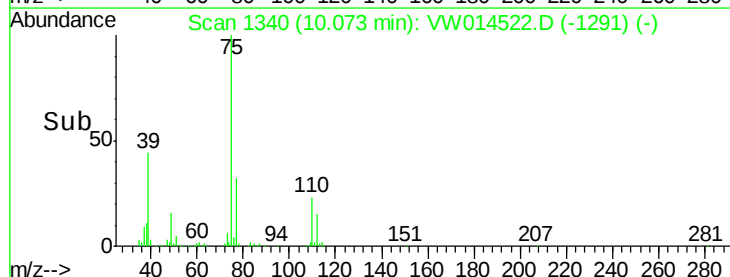
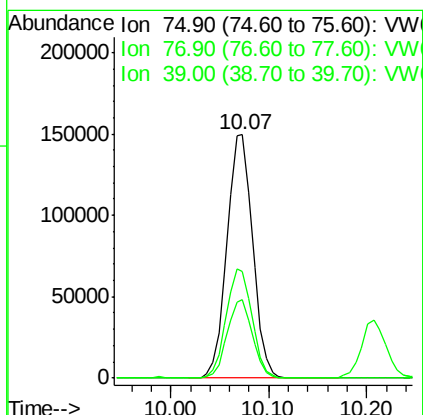
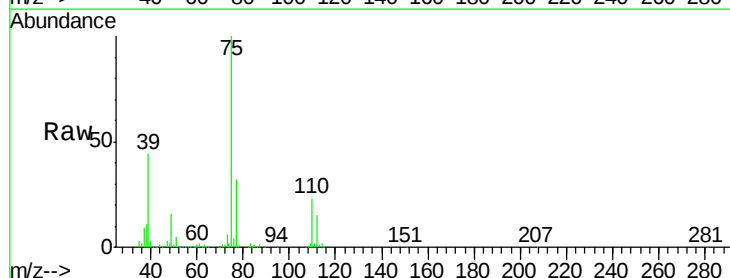
Tgt Ion: 75 Resp: 273110

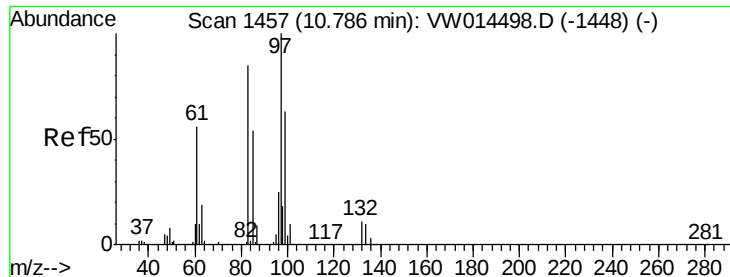
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 43.8 33.4 50.2





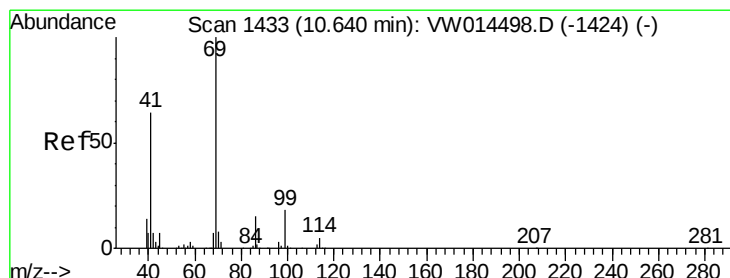
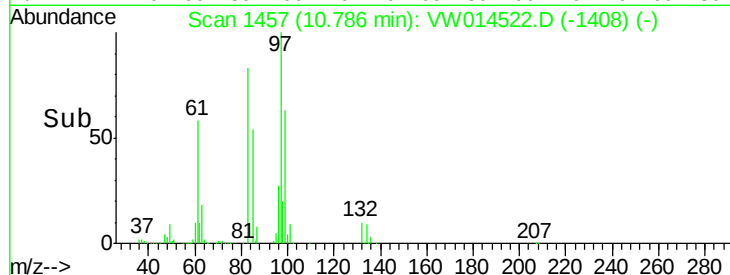
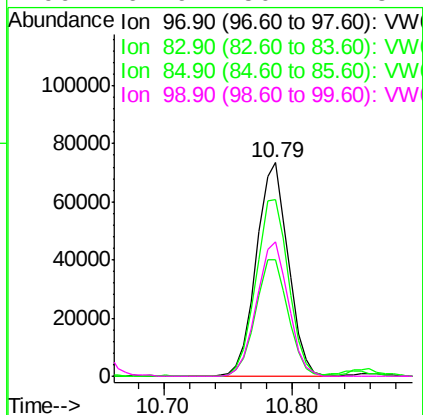
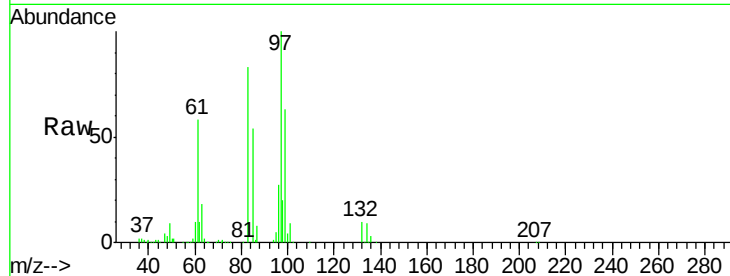
#55
 1,1,2-Trichloroethane
 Concen: 18.816 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.8	68.2	102.4
85	54.2	43.0	64.4
99	62.9	50.1	75.1

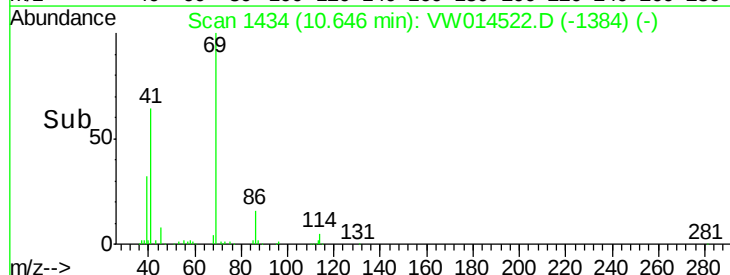
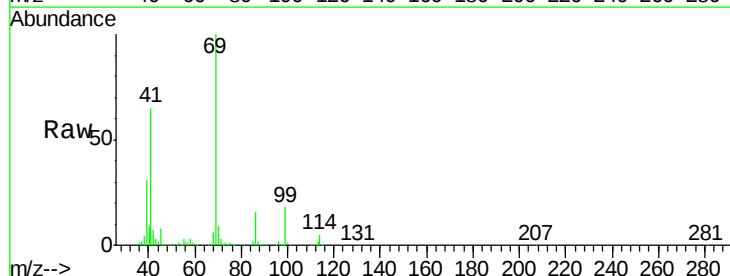
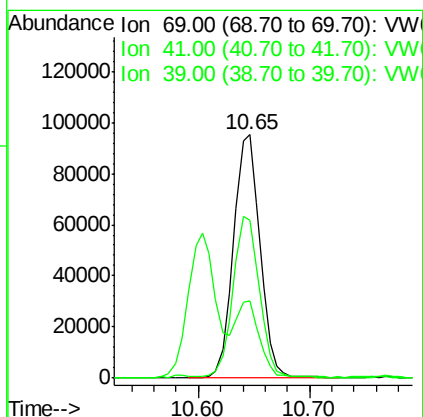
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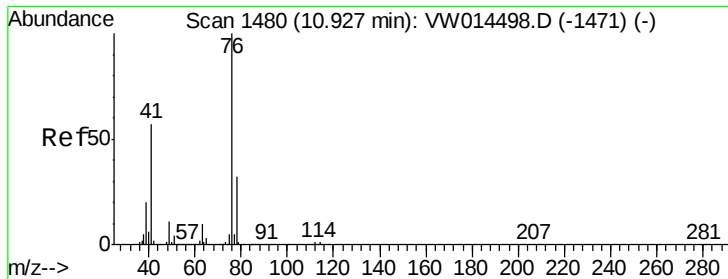
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#56
 Ethyl methacrylate
 Concen: 18.163 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.2	51.3	76.9
39	27.7	21.0	31.6





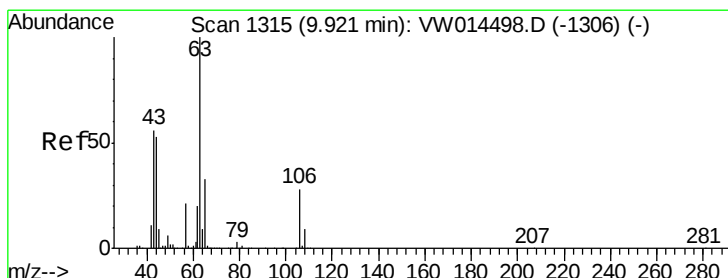
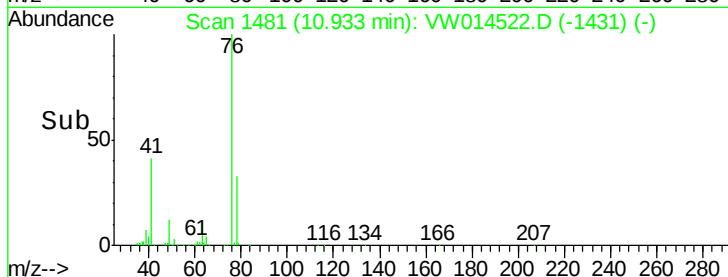
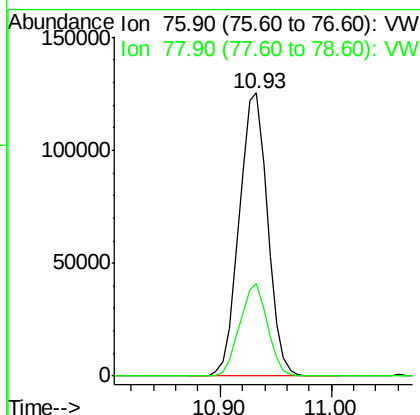
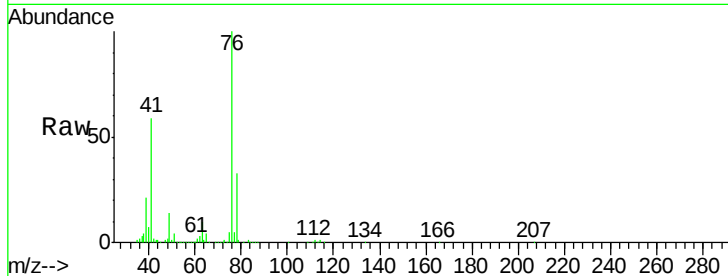
#57
 1,3-Dichloropropane
 Concen: 18.868 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Instrument :
 MSVOA_W
 ClientSampled :
 VW0106SBS01

Tgt Ion: 76 Resp: 221417
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9

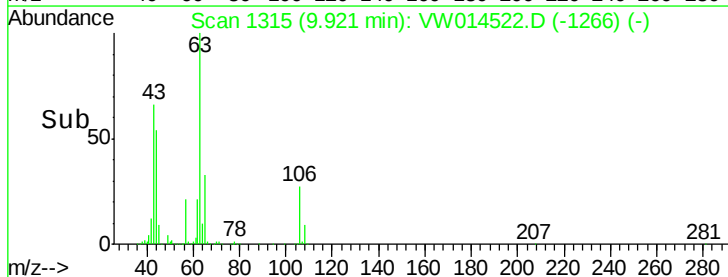
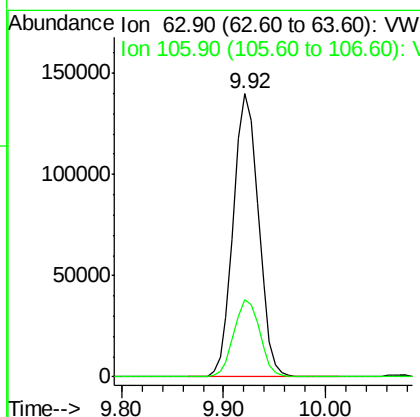
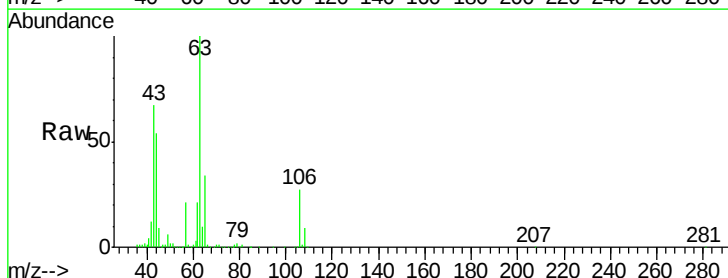
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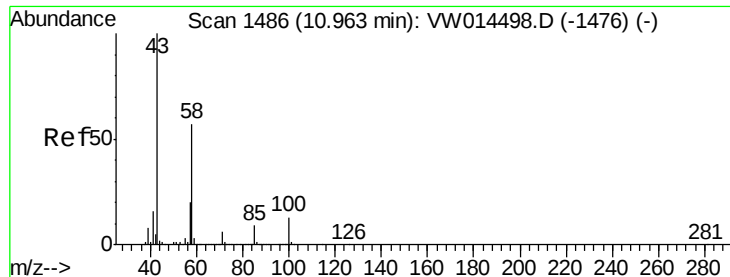
apatel
 1/7/2020 10:27:48 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.787 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Tgt Ion: 63 Resp: 239600
 Ion Ratio Lower Upper
 63 100
 106 28.0 23.0 34.6





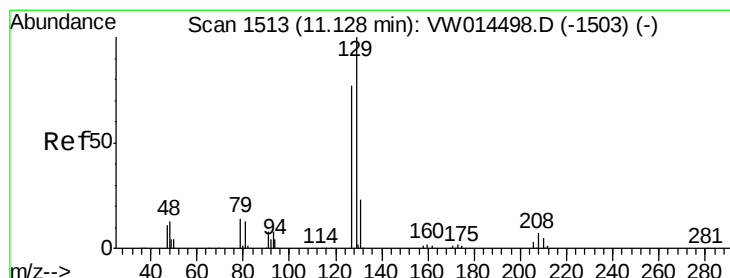
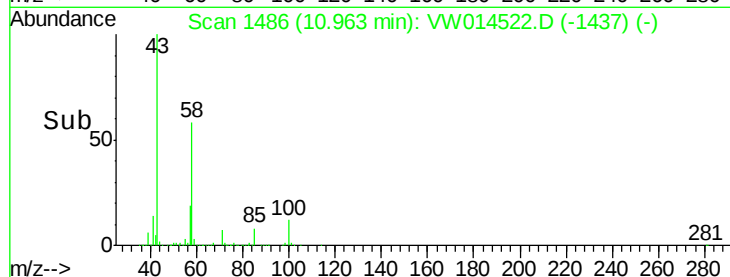
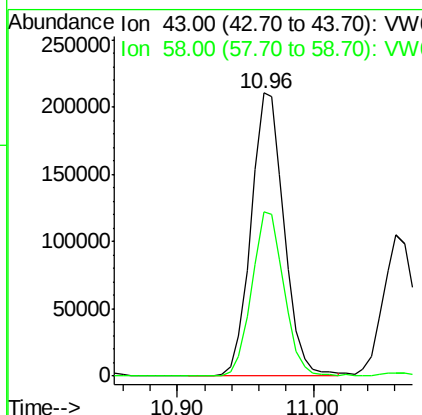
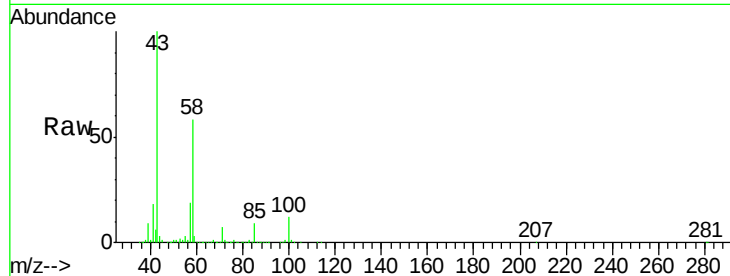
#59
2-Hexanone
Concen: 91.049 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion: 43 Resp: 357917
Ion Ratio Lower Upper
43 100
58 56.8 28.7 86.3

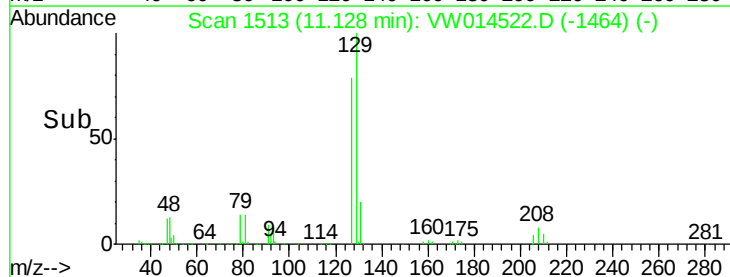
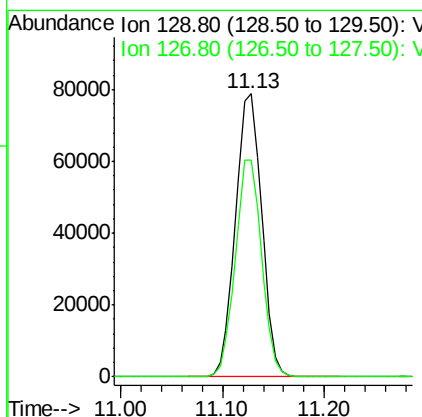
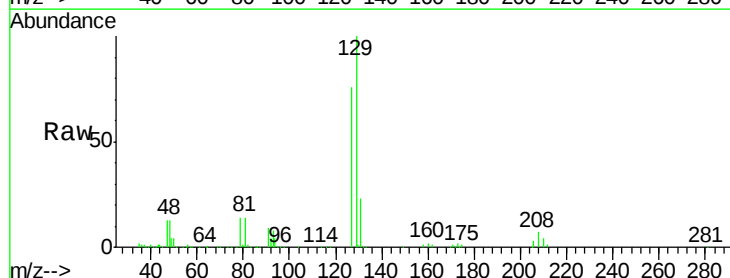
Manual Integrations
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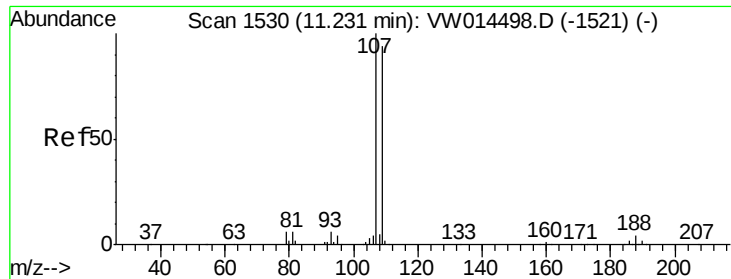
apatel
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#60
Dibromochloromethane
Concen: 18.701 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Tgt Ion: 129 Resp: 140892
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.5





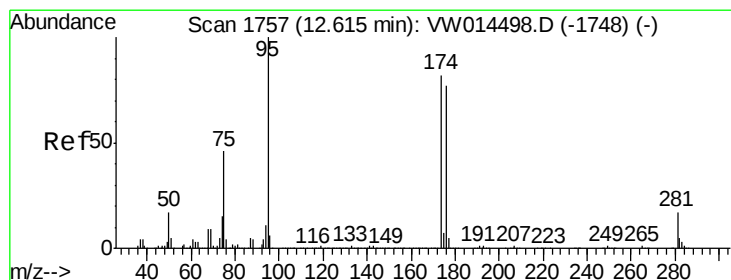
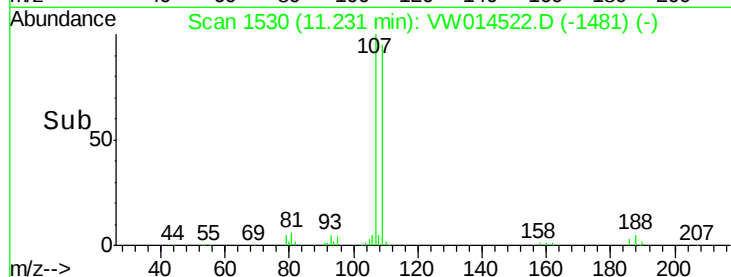
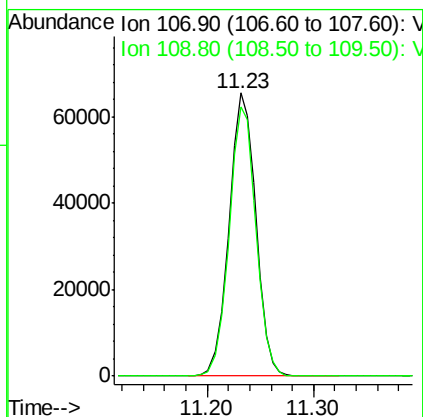
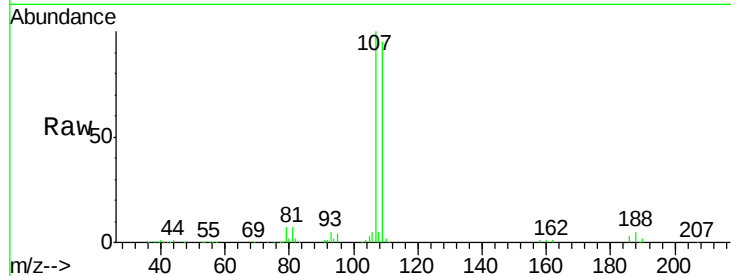
#61
 1,2-Dibromoethane
 Concen: 18.194 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Tgt Ion: 107 Resp: 115313
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.1 112.7

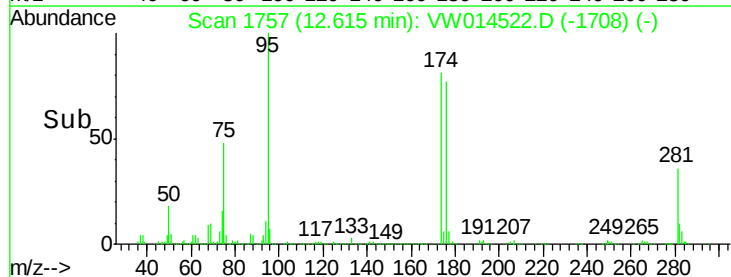
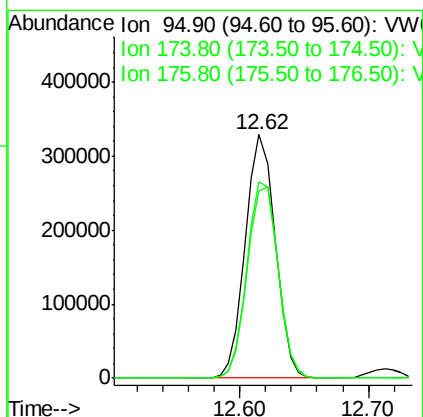
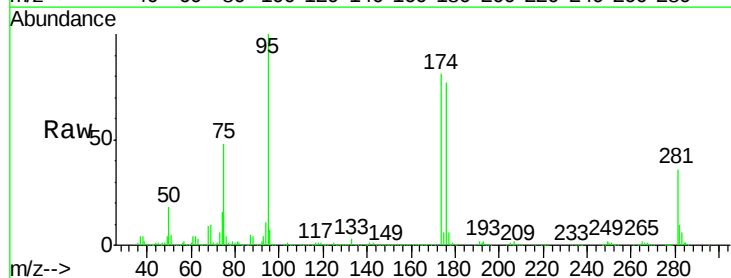
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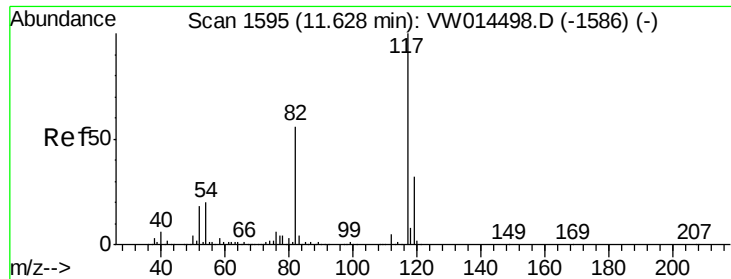
apatel
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#62
 4-Bromofluorobenzene
 Concen: 47.318 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Tgt Ion: 95 Resp: 529647
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 168.6
 176 81.1 0.0 162.0





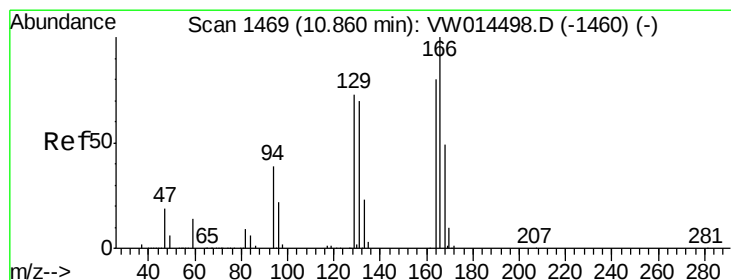
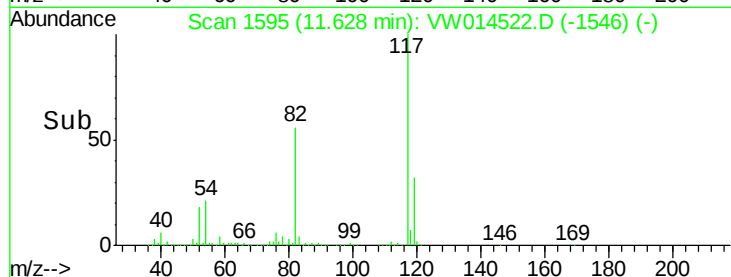
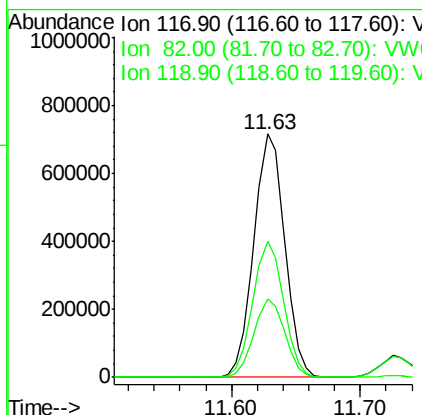
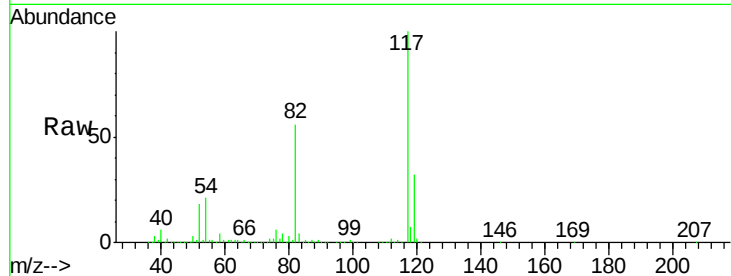
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.6	67.0
119	32.0	25.7	38.5

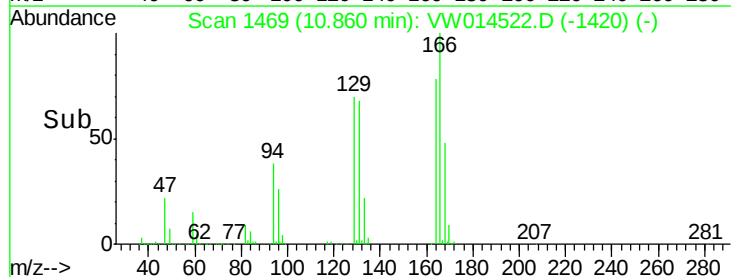
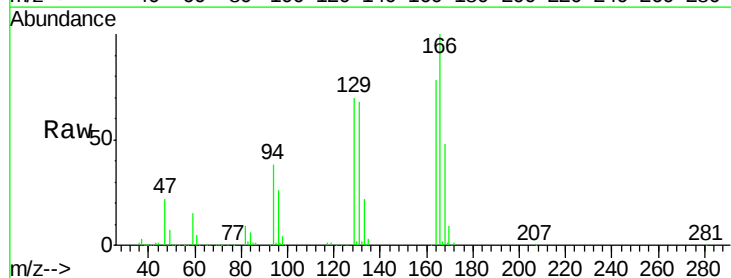
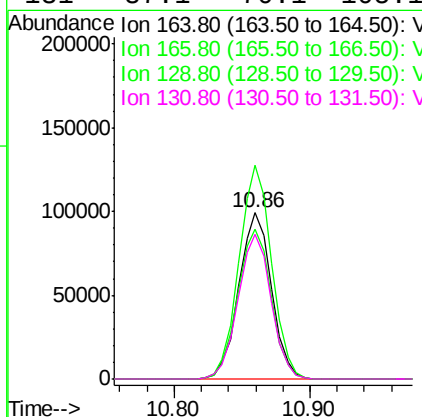
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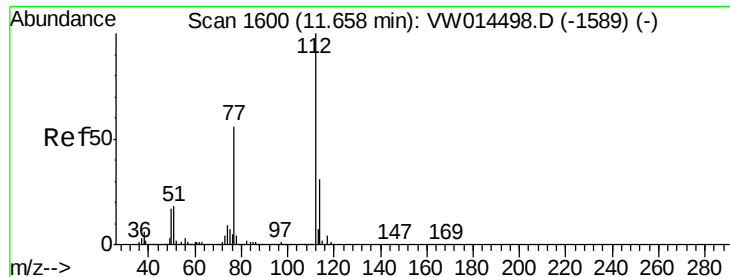
apatel
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#64
Tetrachloroethene
Concen: 19.398 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	99.8	149.6
129	89.8	72.4	108.6
131	87.1	70.1	105.1





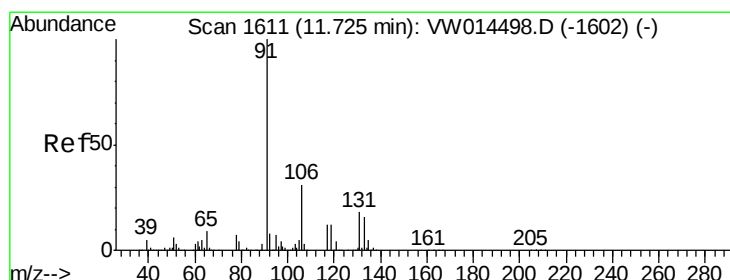
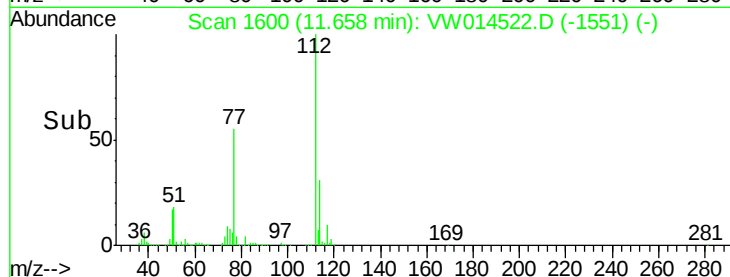
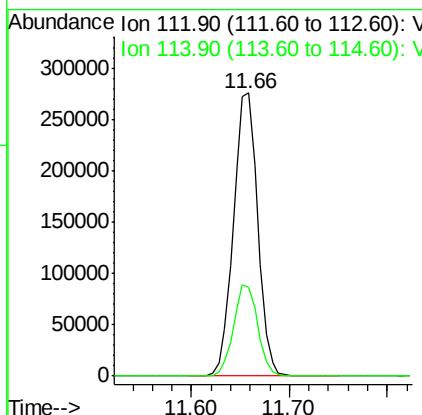
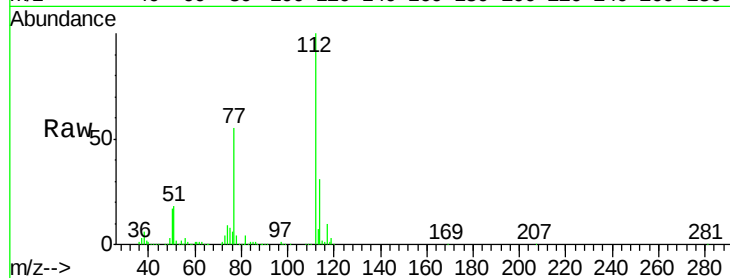
#65
Chlorobenzene
Concen: 19.534 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion:112 Resp: 474815
Ion Ratio Lower Upper
112 100
114 31.3 24.6 37.0

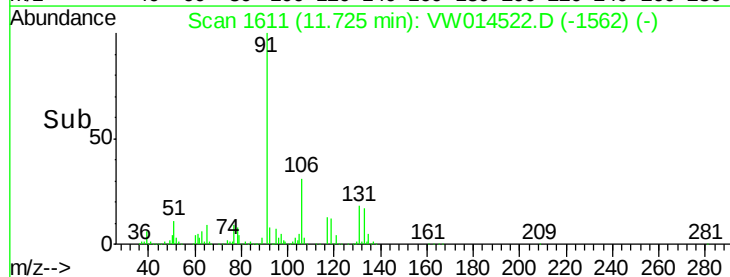
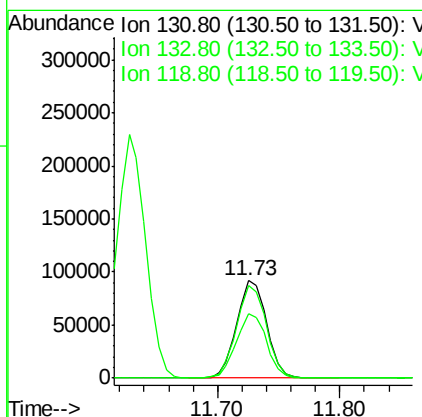
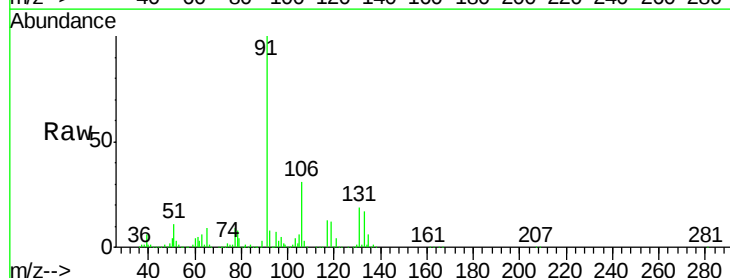
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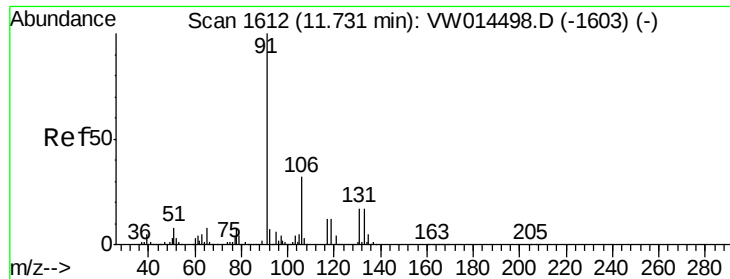
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.001 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Tgt Ion:131 Resp: 155499
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 67.0 33.1 99.3





#67

Ethyl Benzene

Concen: 19.475 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

ClientSampled :

VW0106SBS01

Tgt Ion: 91 Resp: 853078

Ion Ratio Lower Upper

91 100

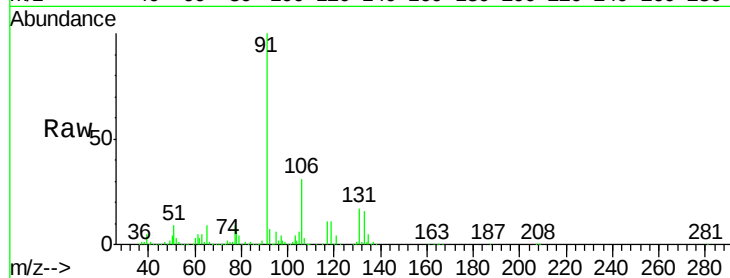
106 30.9 25.5 38.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

800000

600000

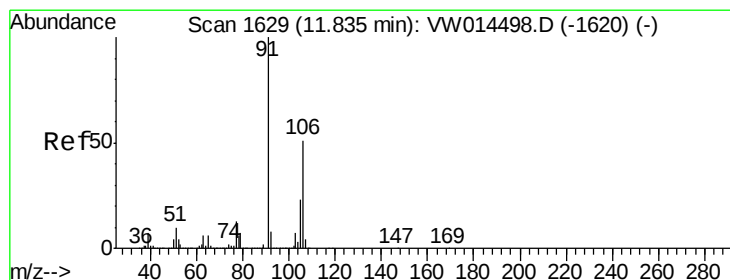
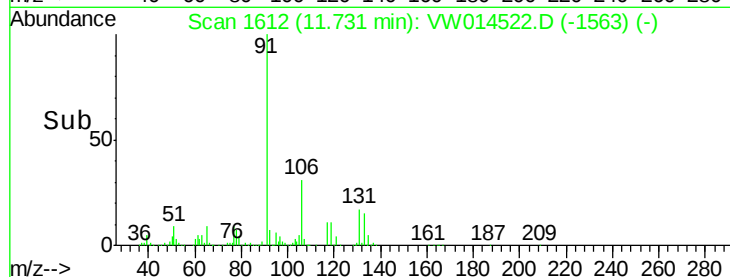
400000

200000

0

11.70 11.80

Time-->



#68

m/p-Xylenes

Concen: 39.402 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014522.D

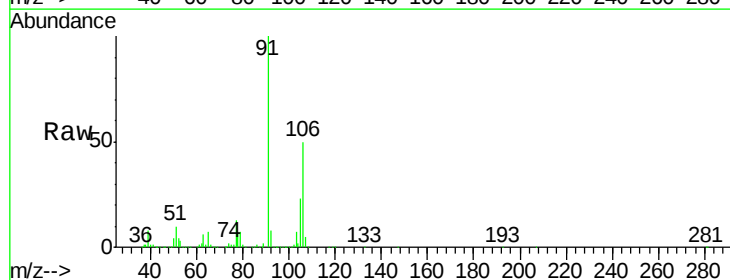
Acq: 06 Jan 2020 14:36

Tgt Ion: 106 Resp: 660570

Ion Ratio Lower Upper

106 100

91 200.9 159.0 238.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

800000

600000

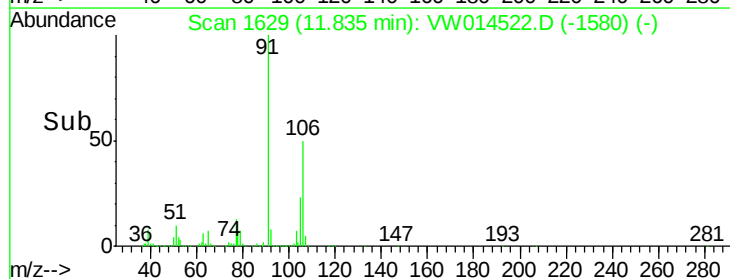
400000

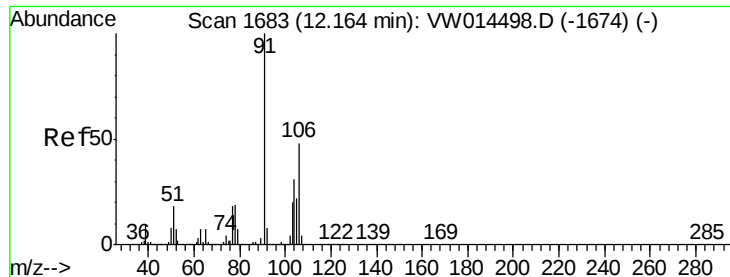
200000

0

11.80 11.90

Time-->





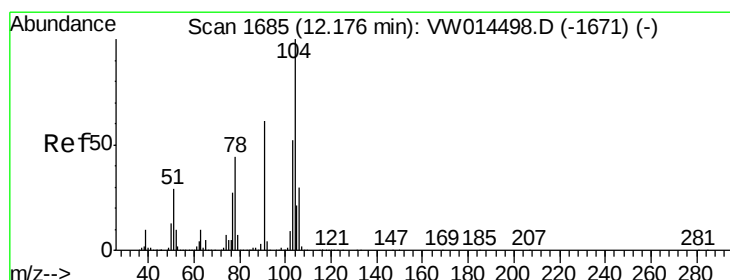
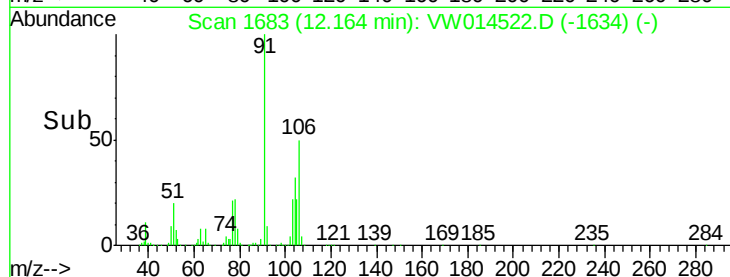
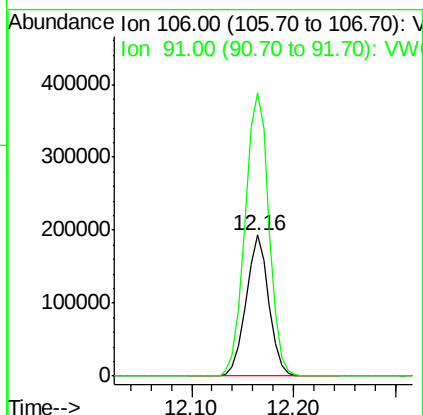
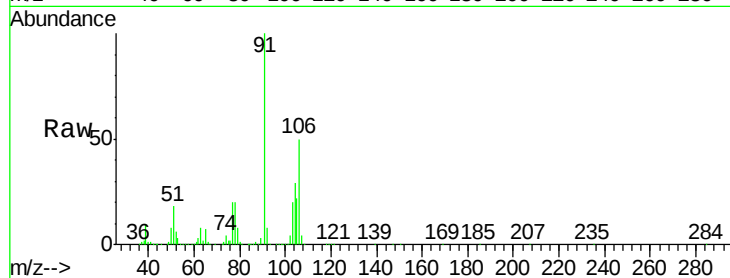
#69
o-Xylene
Concen: 19.333 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Instrument :
MSVOA_W
ClientSampled :
VW0106SBS01

Tgt Ion:106 Resp: 299397
Ion Ratio Lower Upper
106 100
91 211.5 105.2 315.6

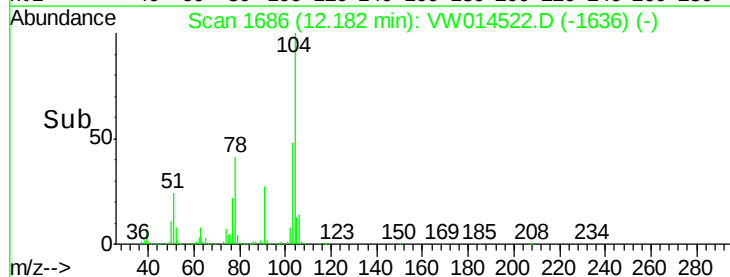
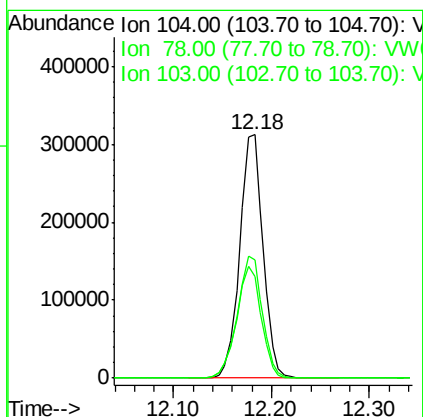
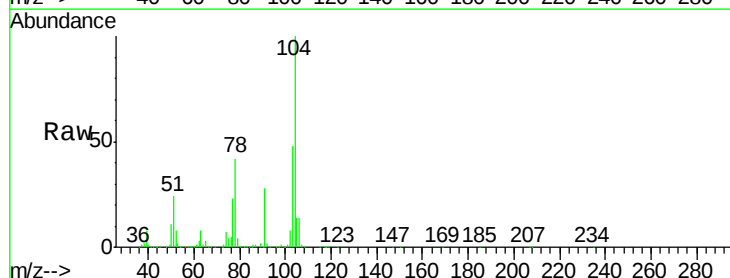
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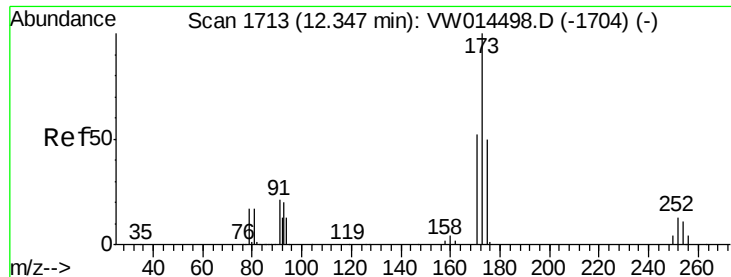
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#70
Styrene
Concen: 19.689 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Tgt Ion:104 Resp: 515725
Ion Ratio Lower Upper
104 100
78 48.7 38.4 57.6
103 53.9 43.7 65.5





#71

Bromoform

Concen: 17.767 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014522.D

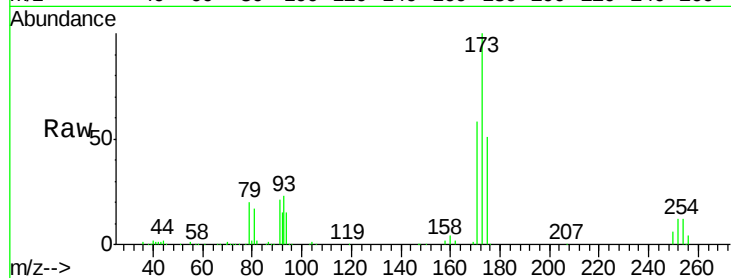
Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

ClientSampled :

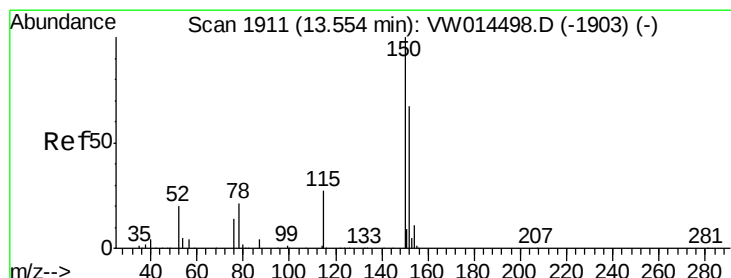
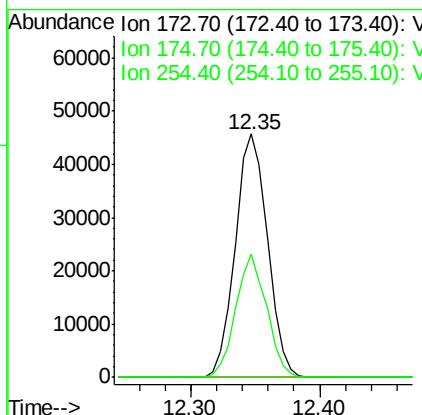
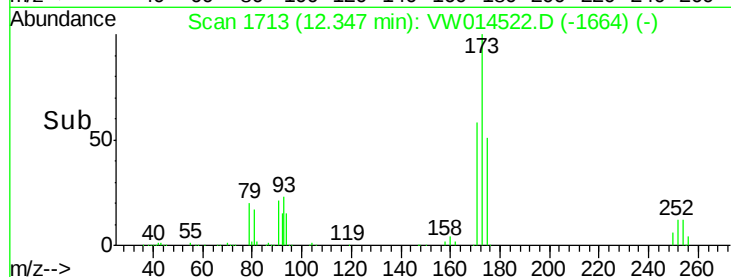
VW0106SBS01



Tgt Ion:	173	Resp:	79311
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.5	73.5
254	0.1	0.0	0.0#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

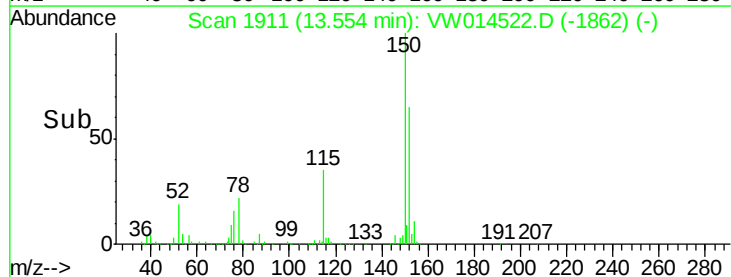
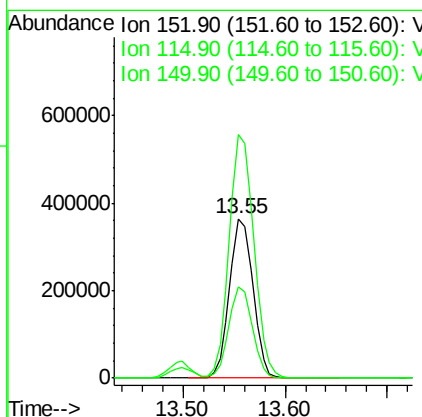
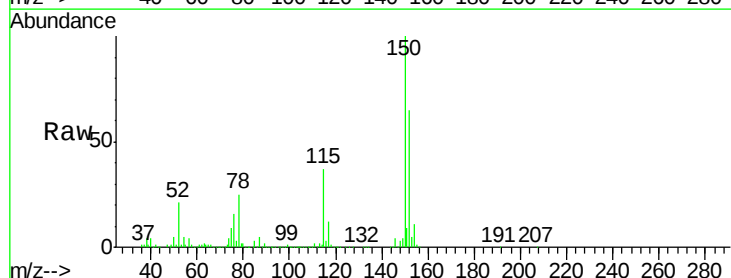
RT: 13.55 min Scan# 1911

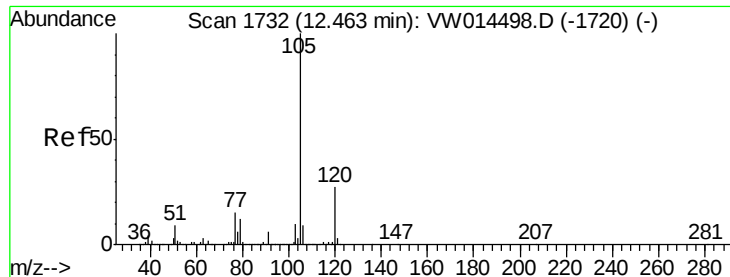
Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Tgt Ion:	152	Resp:	579534
Ion Ratio	Lower	Upper	
152	100		
115	56.9	27.7	83.1
150	160.7	0.0	343.4





#73

Isopropylbenzene

Concen: 19.533 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

Tgt Ion: 105 Resp: 830609

Ion Ratio Lower Upper

105 100

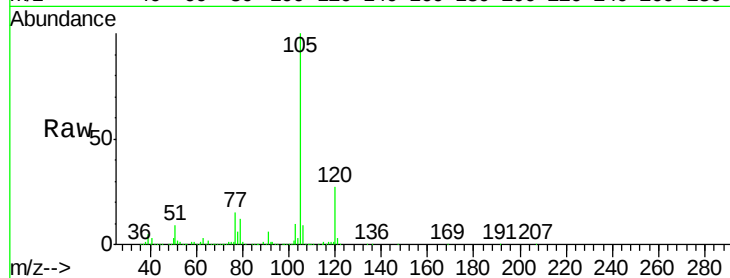
120 26.5 13.4 40.1

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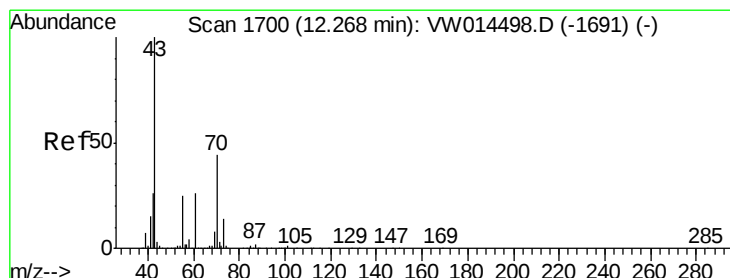
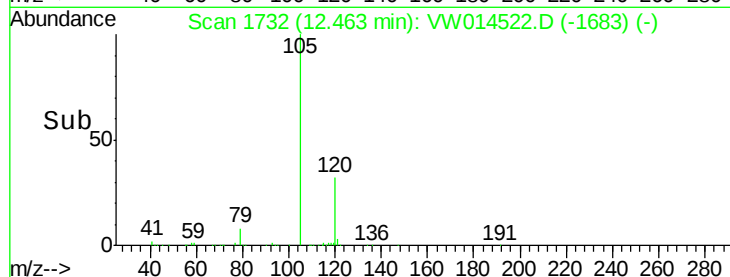
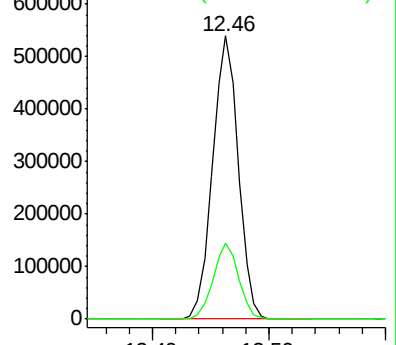
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.463 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Tgt Ion: 43 Resp: 176042

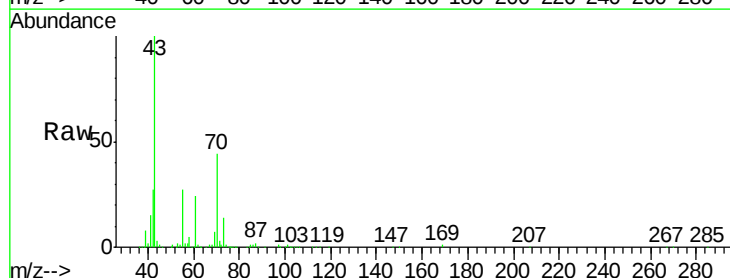
Ion Ratio Lower Upper

43 100

70 44.1 36.5 54.7

55 26.8 20.9 31.3

61 24.2 20.7 31.1

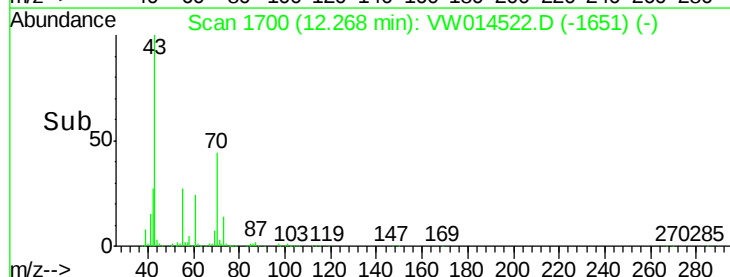
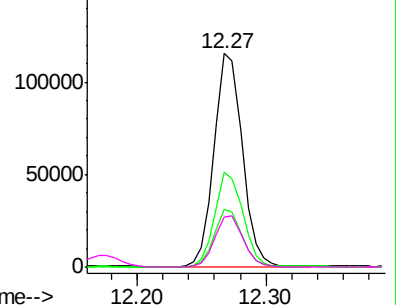


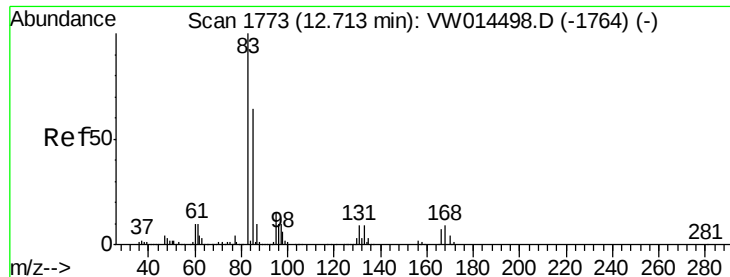
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 18.475 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

ClientSampled :

VW0106SBS01

Tgt Ion: 83 Resp: 141798
Ion Ratio Lower Upper

83 100

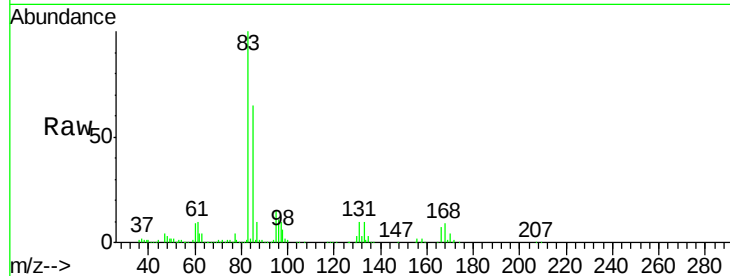
131 10.6 5.1 15.4

85 64.7 31.9 95.7

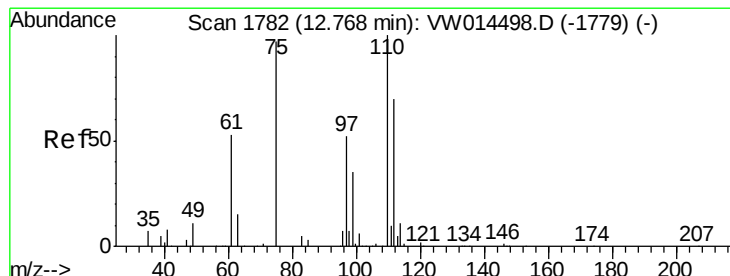
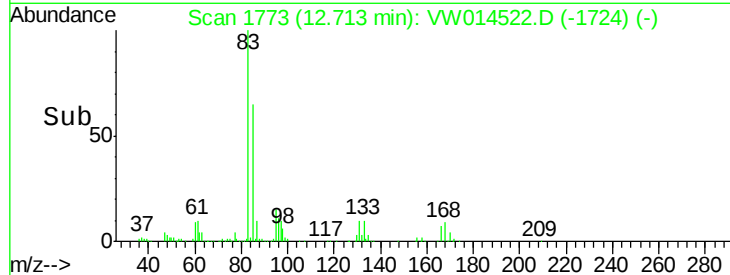
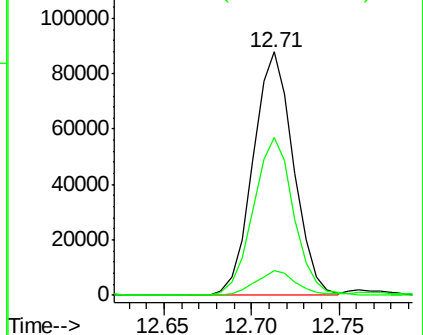
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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): VW
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 19.697 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

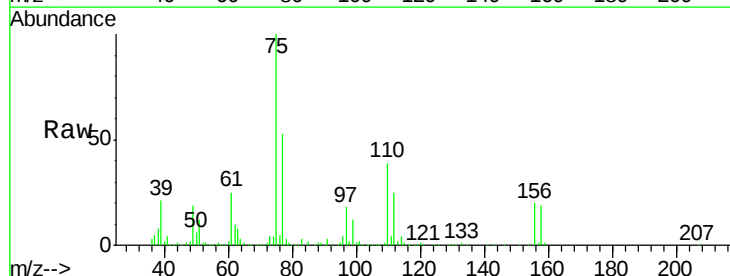
Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

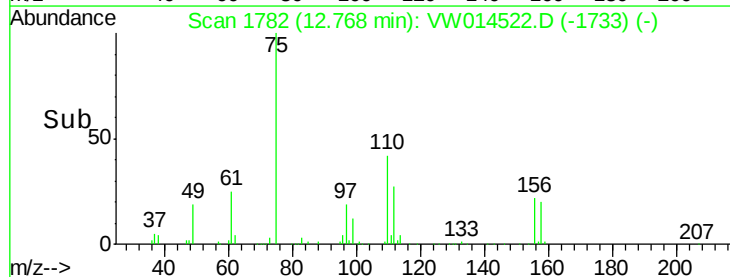
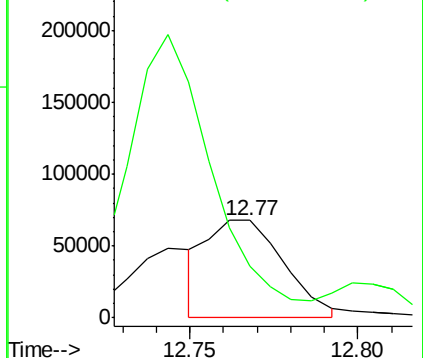
Tgt Ion: 75 Resp: 107929
Ion Ratio Lower Upper

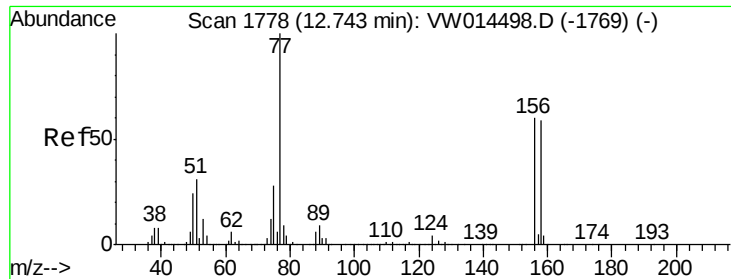
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.448 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

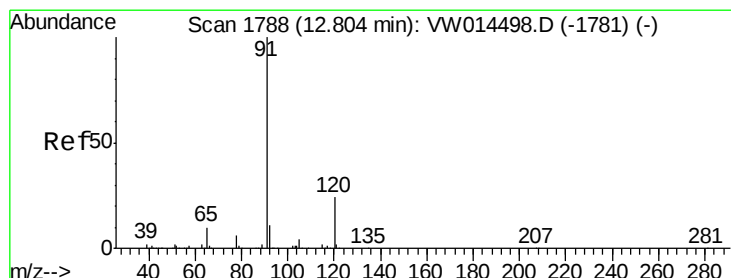
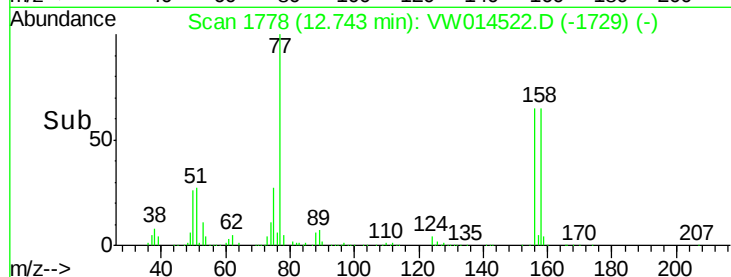
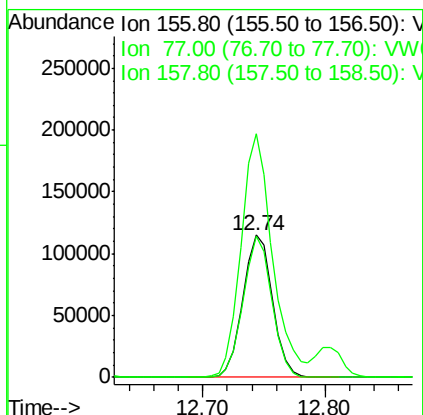
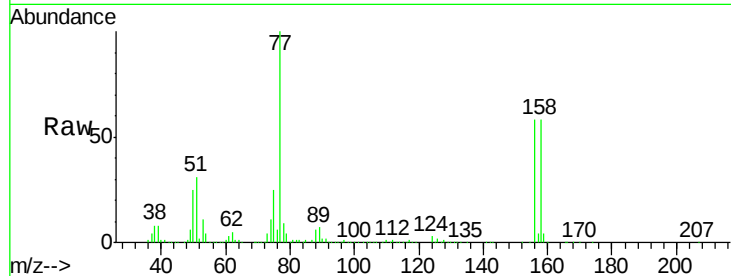
ClientSampled :

VW0106SBS01

Tgt Ion:	156	Resp:	192079
Ion Ratio	Lower	Upper	
156	100		
77	183.1	92.3	277.1
158	96.5	48.6	145.9

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#78

n-propylbenzene

Concen: 19.994 ug/l

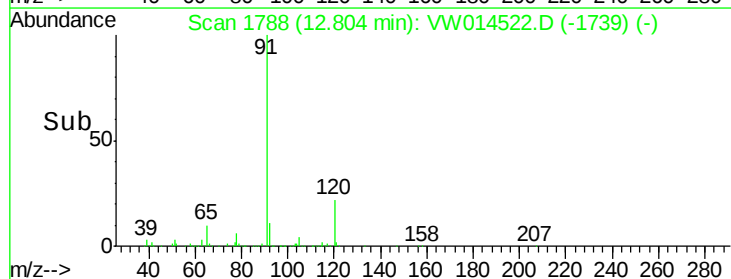
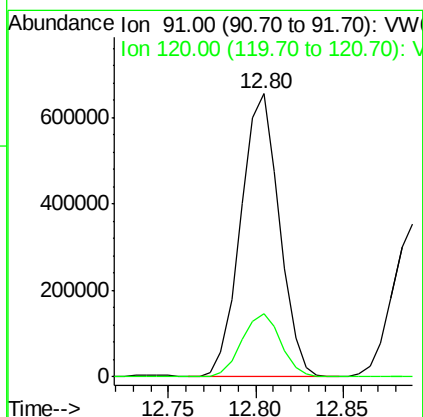
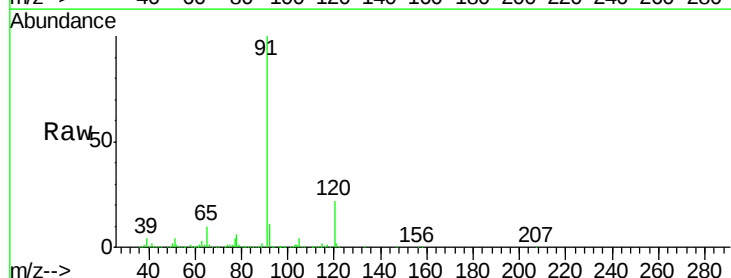
RT: 12.80 min Scan# 1788

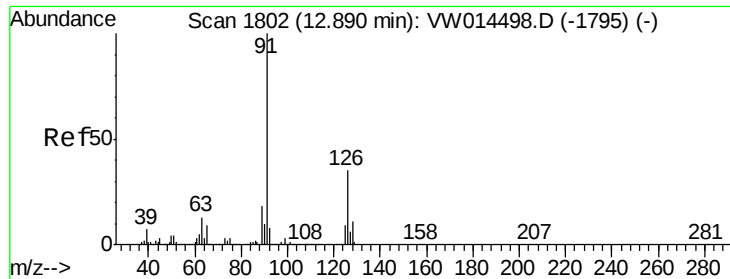
Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Tgt Ion:	91	Resp:	999784
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.7	35.1





#79

2-Chlorotoluene

Concen: 19.736 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

ClientSampled :

VW0106SBS01

Tgt Ion: 91 Resp: 561588

Ion Ratio Lower Upper

91 100

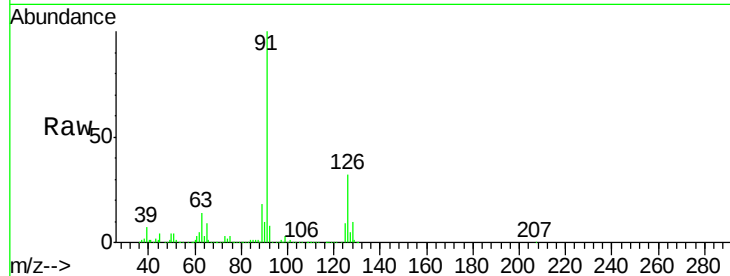
126 33.5 17.1 51.2

Manual Integrations

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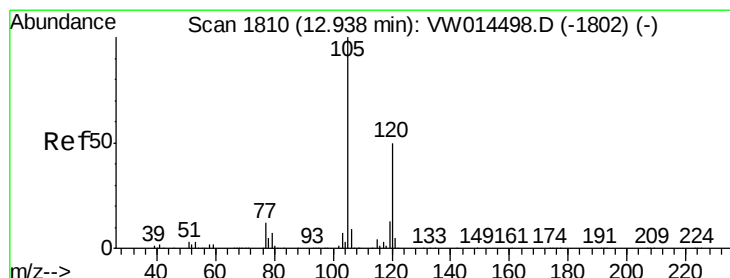
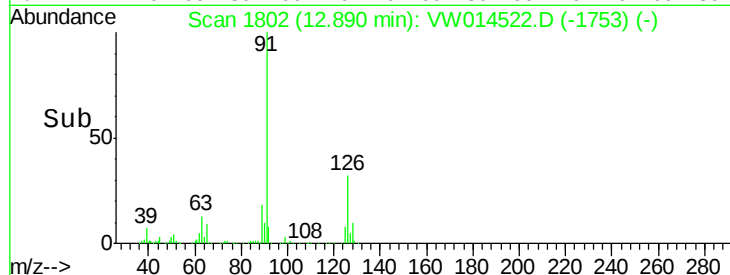
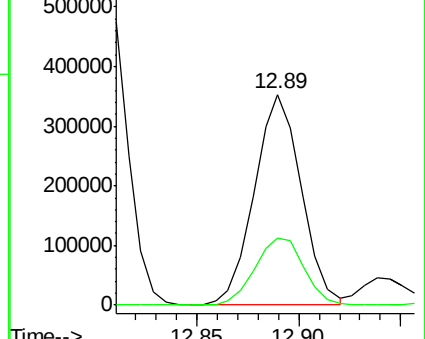
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.862 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW014522.D

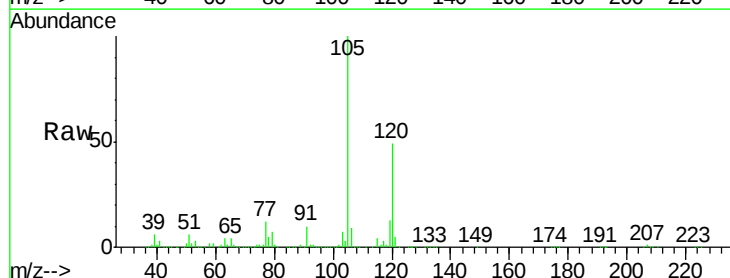
Acq: 06 Jan 2020 14:36

Tgt Ion: 105 Resp: 709145

Ion Ratio Lower Upper

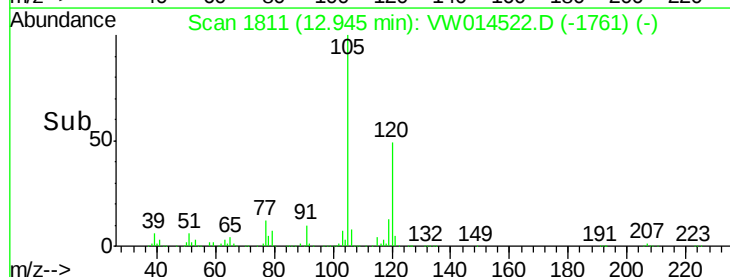
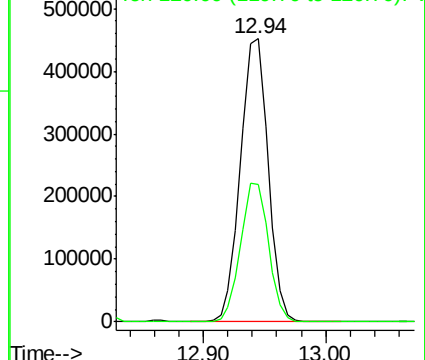
105 100

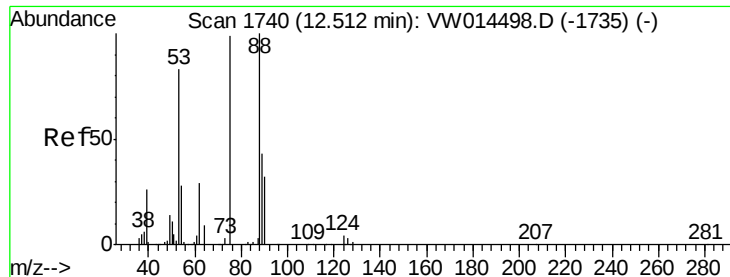
120 49.5 25.2 75.6



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: 18.116 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Instrument :

MSVOA_W

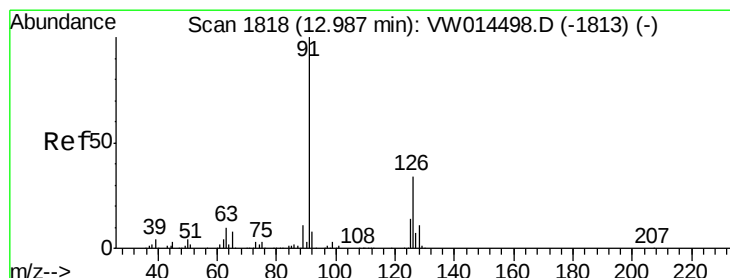
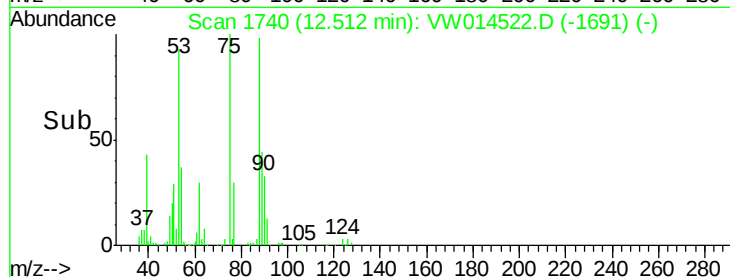
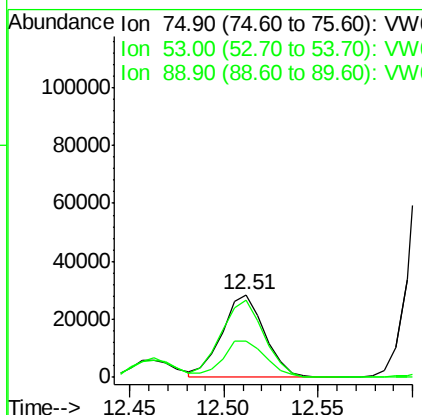
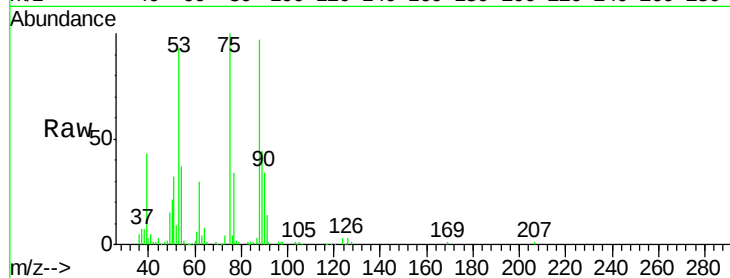
ClientSampleId :

VW0106SBS01

Tgt Ion:	75	Resp:	44552
Ion	Ratio	Lower	Upper
75	100		
53	94.3	70.9	106.3
89	44.2	35.8	53.8

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#82

4-Chlorotoluene

Concen: 19.757 ug/l

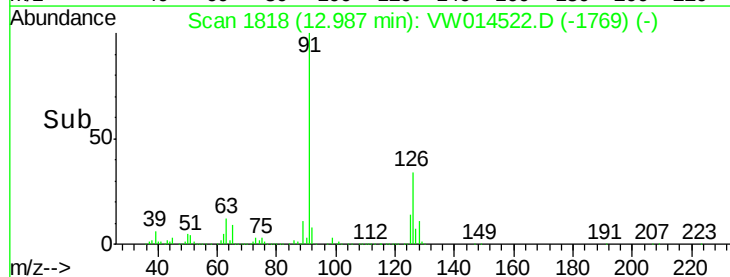
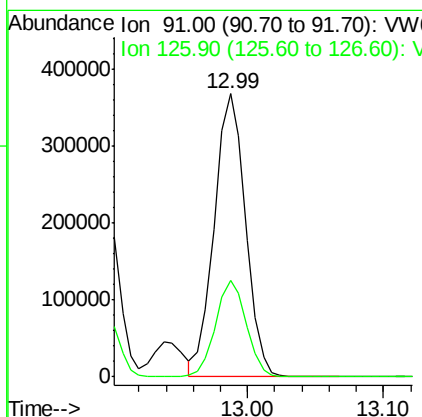
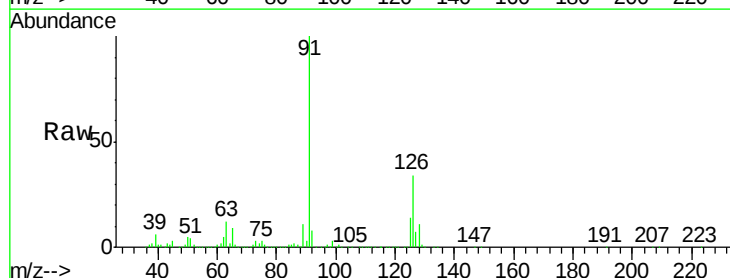
RT: 12.99 min Scan# 1818

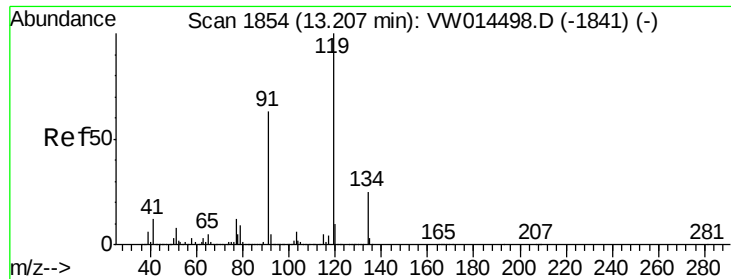
Delta R.T. 0.00 min

Lab File: VW014522.D

Acq: 06 Jan 2020 14:36

Tgt Ion:	91	Resp:	584088
Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.1	51.2





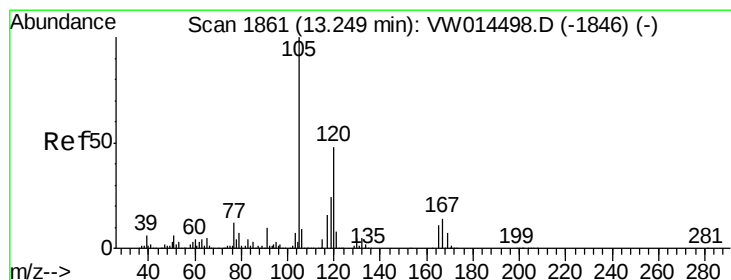
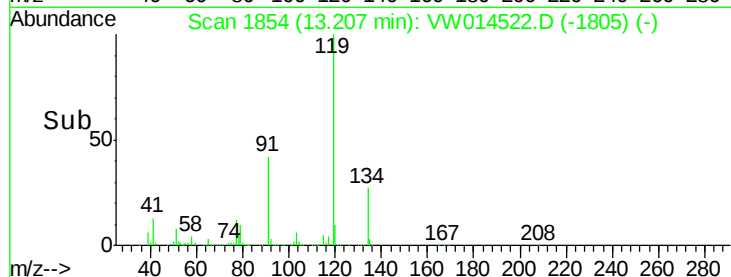
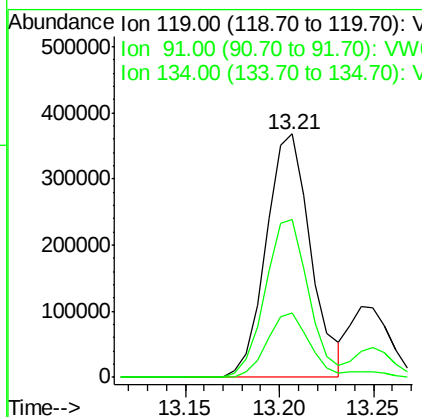
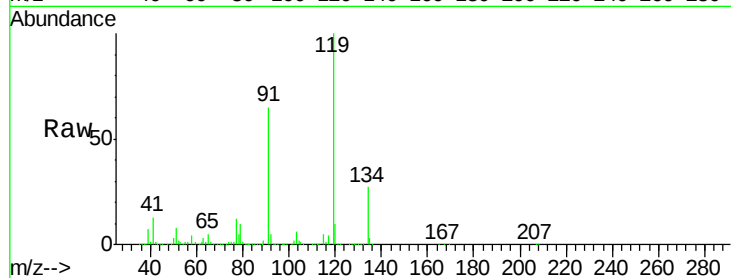
#83
 tert-Butylbenzene
 Concen: 19.301 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Instrument :
 MSVOA_W
 ClientSampled :
 VW0106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	603343		
91	62.9	31.1	93.3	
134	25.5	13.5	40.5	

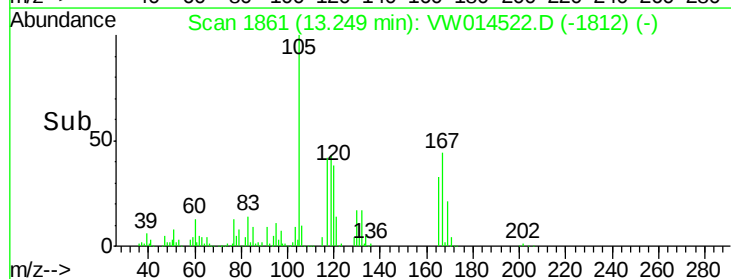
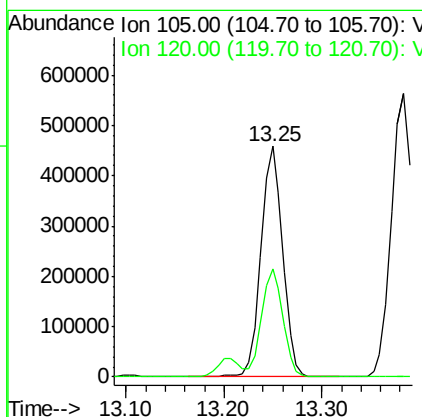
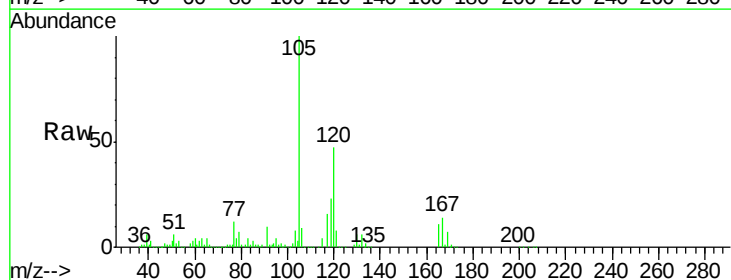
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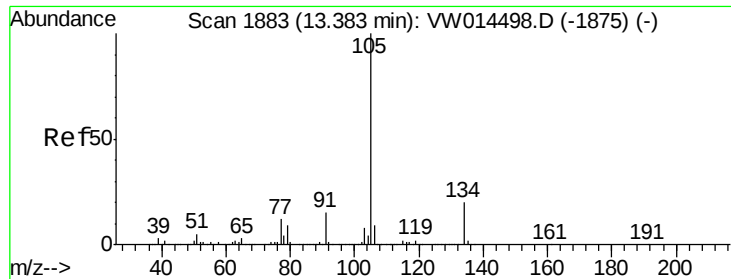
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.825 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	704404		
120	46.0	23.4	70.0	





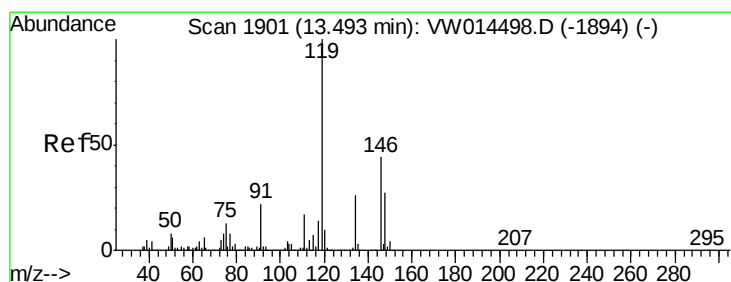
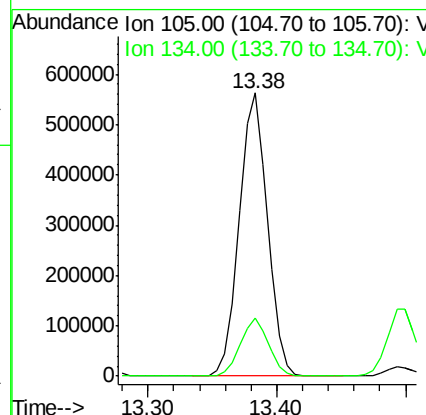
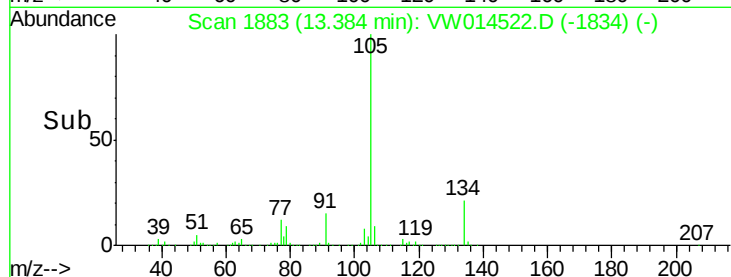
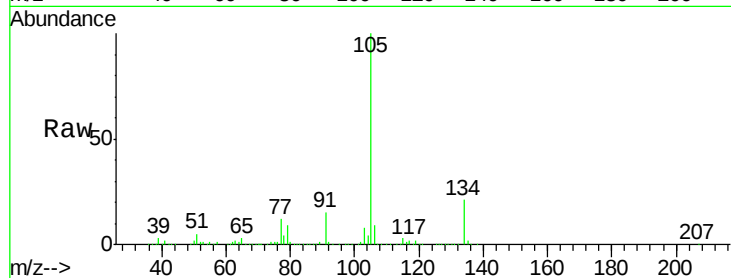
#85
 sec-Butylbenzene
 Concen: 19.721 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.2	30.6

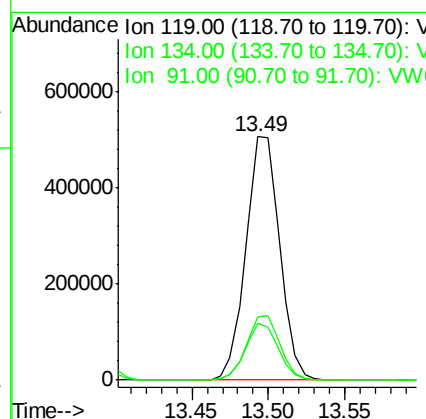
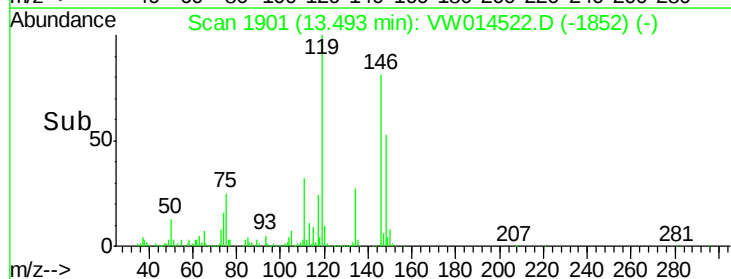
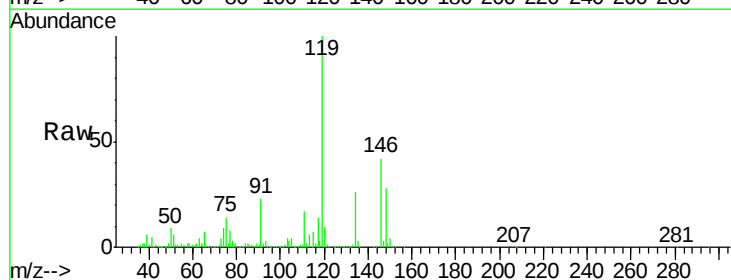
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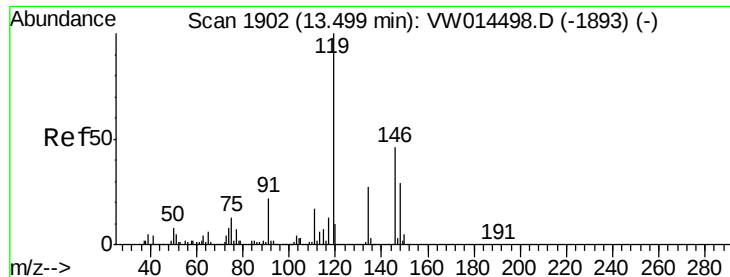
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#86
 p-Isopropyltoluene
 Concen: 19.717 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.2	39.5
91	22.5	11.1	33.3





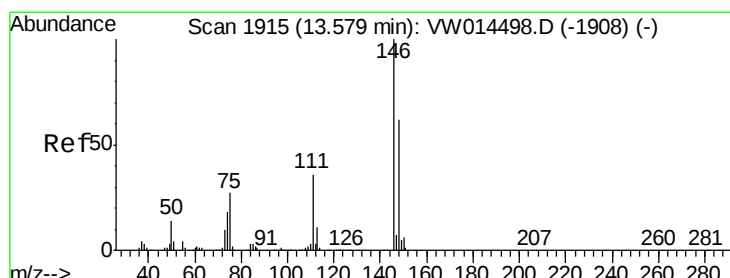
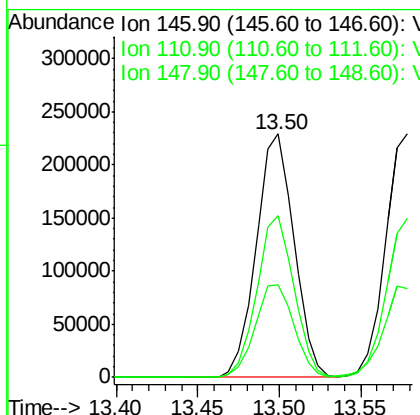
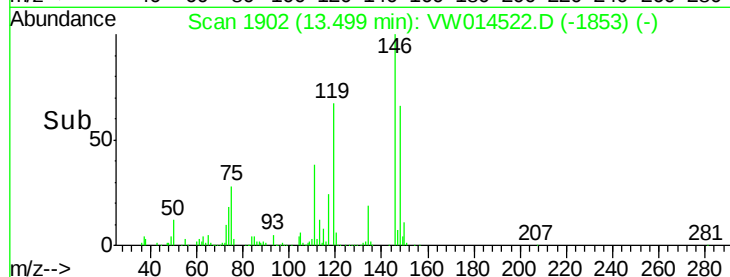
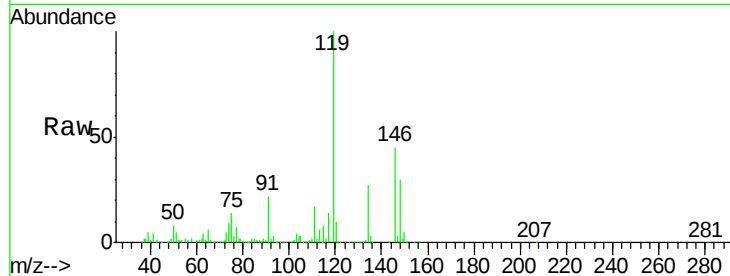
#87
 1,3-Dichlorobenzene
 Concen: 19.132 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Instrument :
 MSVOA_W
 ClientSampled :
 VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.3	57.9
148	65.3	31.8	95.4

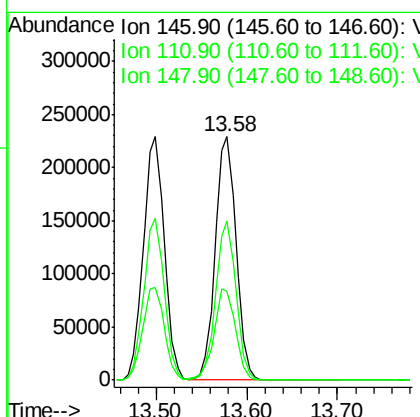
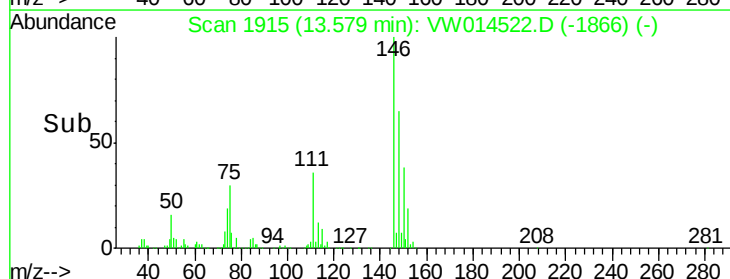
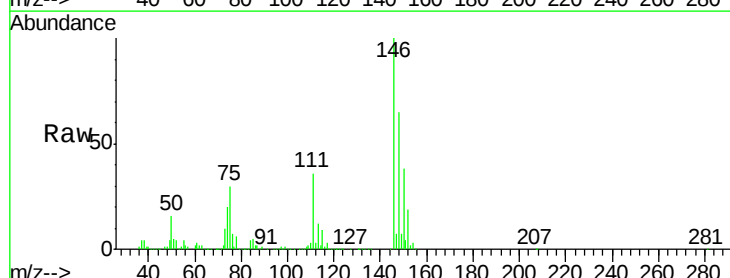
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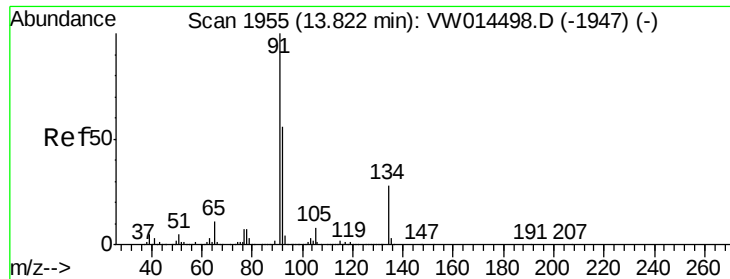
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#88
 1,4-Dichlorobenzene
 Concen: 19.444 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.7	56.1
148	63.9	31.7	95.1





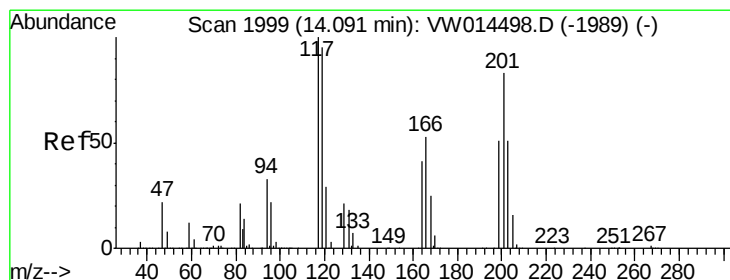
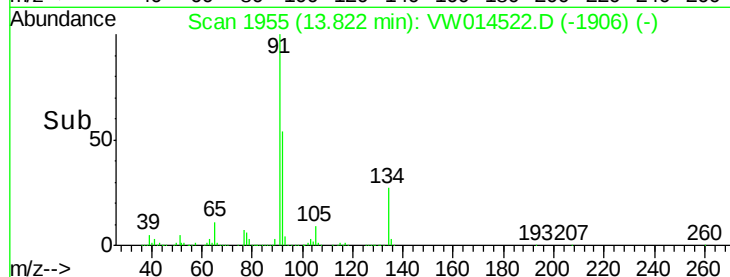
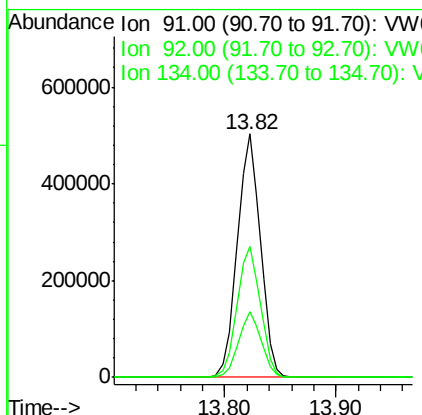
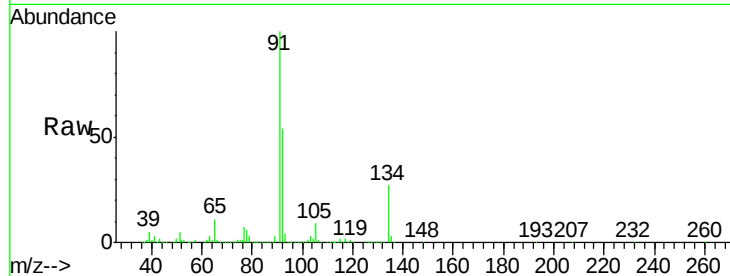
#89
n-Butylbenzene
Concen: 19.737 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
91	100		
92	54.2	27.5	82.5
134	26.5	13.7	41.1

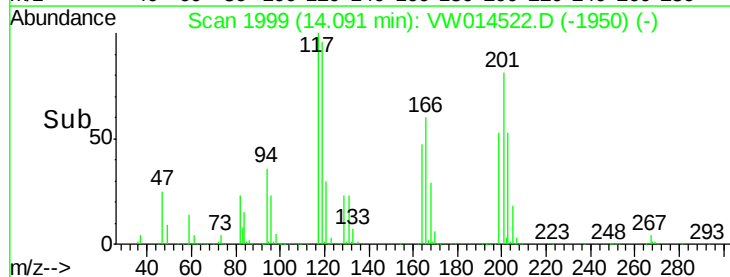
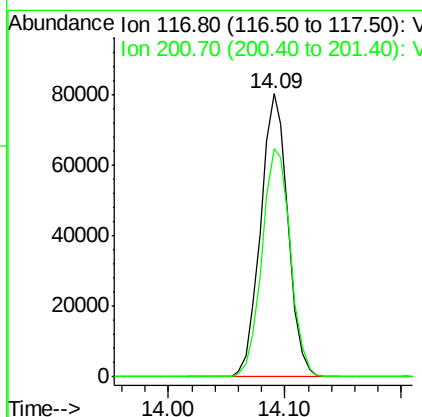
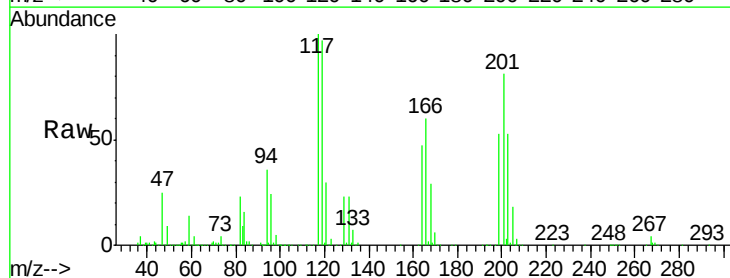
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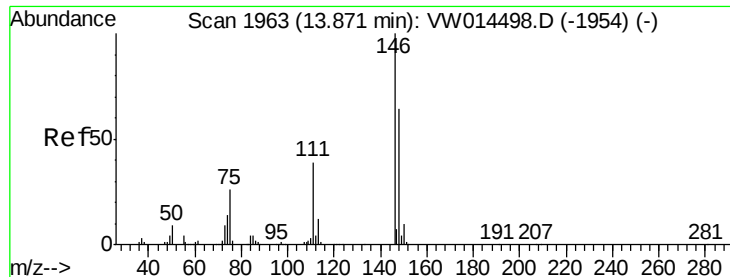
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#90
Hexachloroethane
Concen: 19.076 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
201	83.3	43.0	128.8





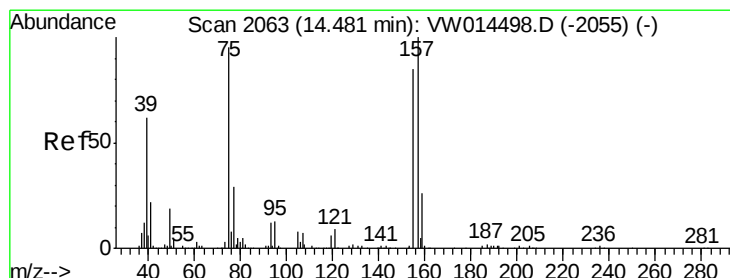
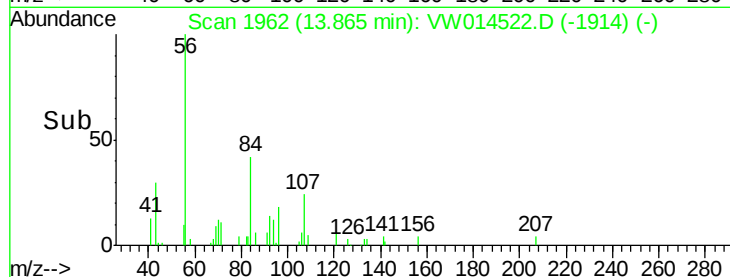
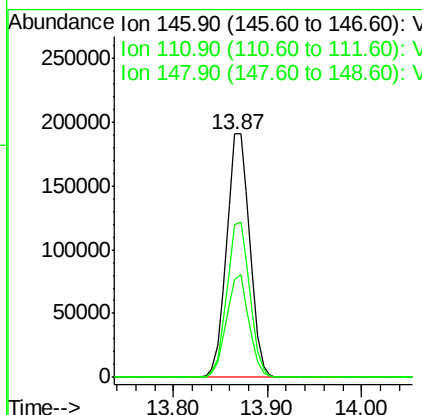
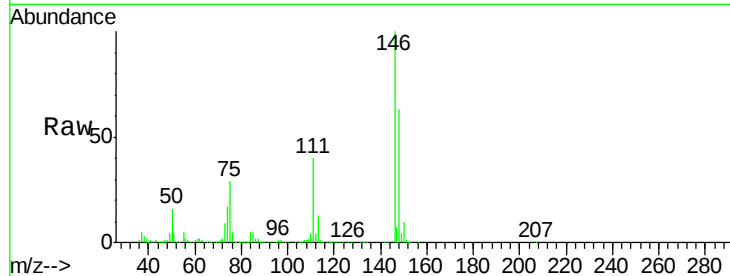
#91
 1,2-Dichlorobenzene
 Concen: 19.219 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Instrument :
 MSVOA_W
 ClientSampled :
 VW0106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	324425		
111	41.0	20.4	61.3	
148	63.2	32.3	96.8	

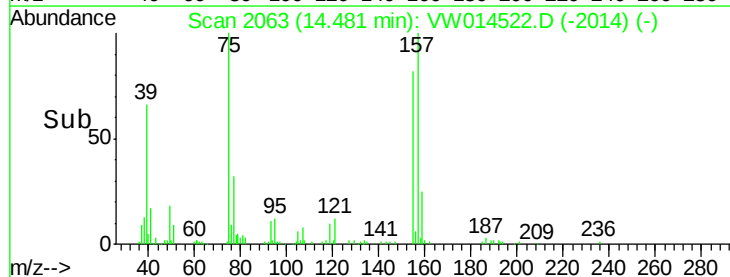
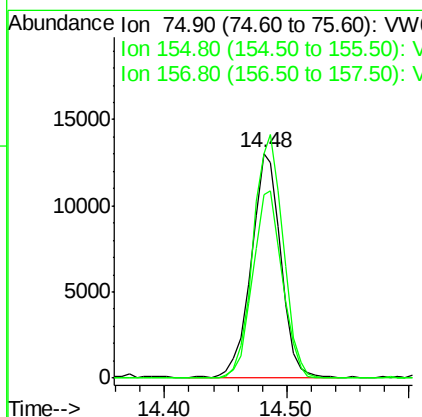
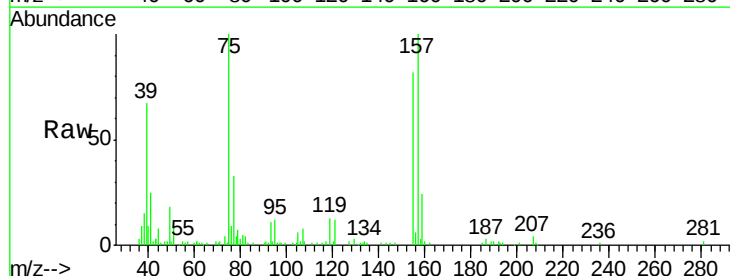
Manual Integrations
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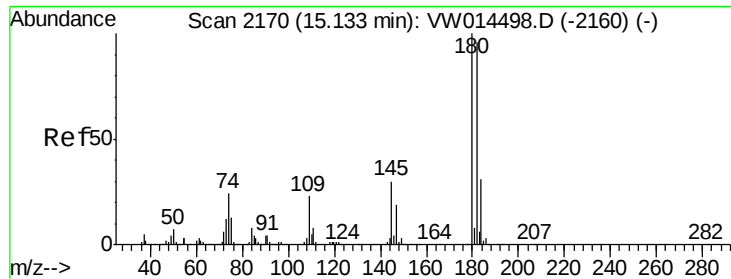
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.174 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22089		
155	83.1	45.8	137.4	
157	108.6	58.1	174.2	





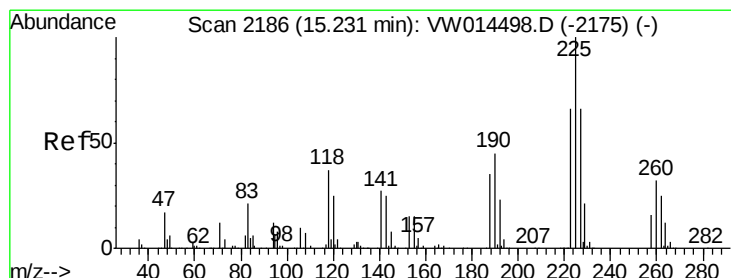
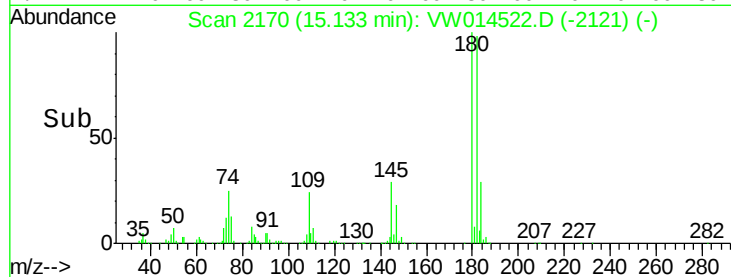
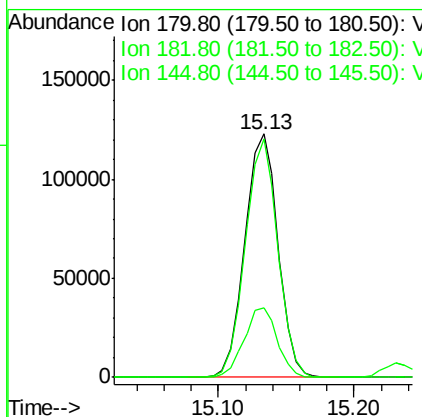
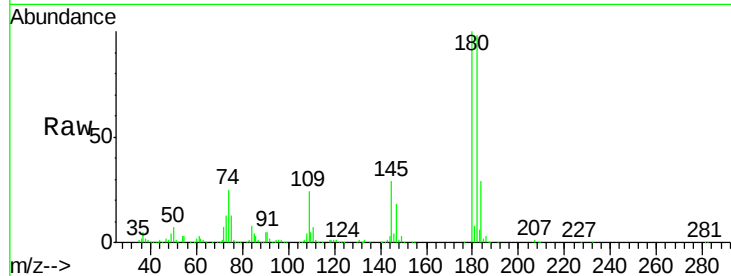
#93
 1,2,4-Trichlorobenzene
 Concen: 18.397 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	209714		
182	96.2	47.3	141.8	
145	28.7	14.7	44.1	

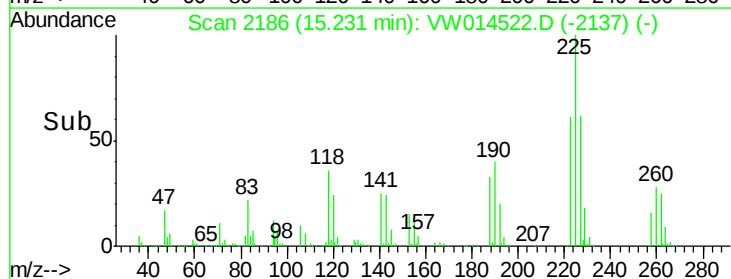
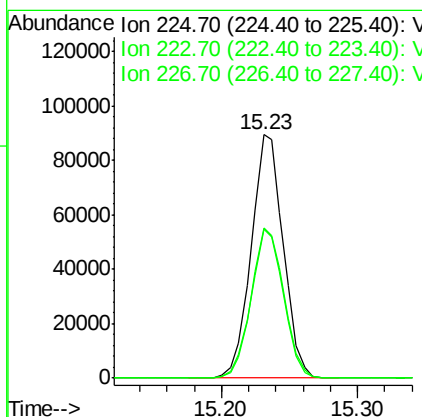
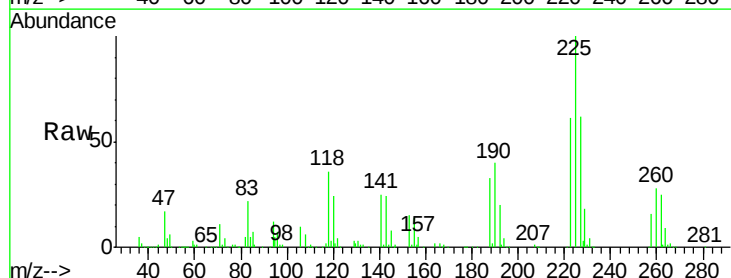
Manual Integrations
 APPROVED

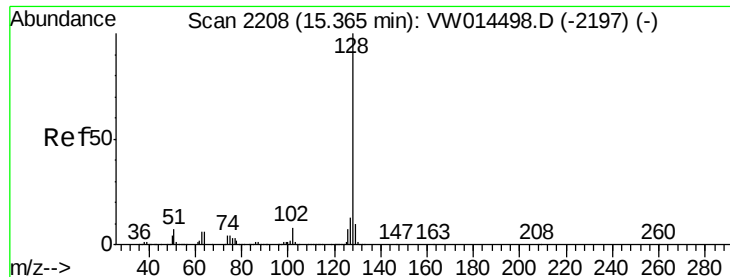
apatel
 1/7/2020 10:27:48 AM



#94
 Hexachlorobutadiene
 Concen: 19.297 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW014522.D
 Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	147408		
223	61.9	32.4	97.2	
227	62.8	32.6	97.8	





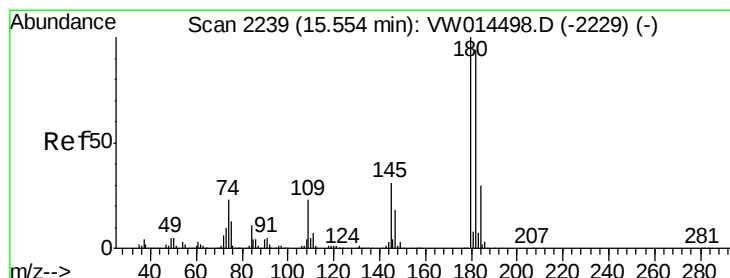
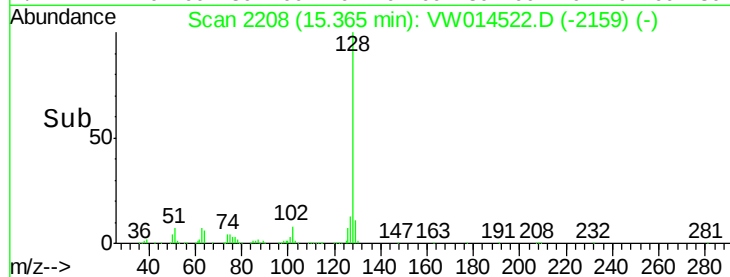
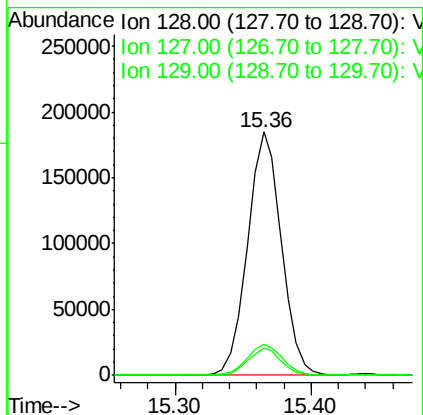
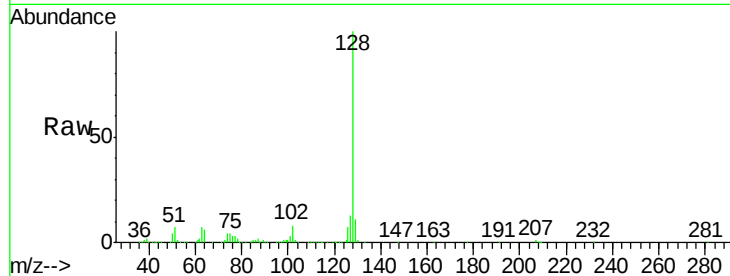
#95
Naphthalene
Concen: 16.567 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
1/7/2020 10:27:48 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.753 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW014522.D
Acq: 06 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.4	142.2
145	31.1	15.5	46.5

