

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014503.D
 Acq On : 03 Jan 2020 17:19
 Operator : SY/VA
 Sample : VW0103SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

Manual Integrations
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 1/6/2020 10:43:33 AM

Quant Time: Jan 06 00:54:08 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	933889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1380462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1193154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	576936	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	382148	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
35) Dibromofluoromethane	7.88	113	383344	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
50) Toluene-d8	10.32	98	1596805	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	12.62	95	532380	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	118558	22.484	ug/l	96
3) Chloromethane	2.21	50	138215	21.415	ug/l	98
4) Vinyl Chloride	2.36	62	195948	20.641	ug/l	98
5) Bromomethane	2.76	94	123787	21.109	ug/l	98
6) Chloroethane	2.91	64	110806	20.476	ug/l	98
7) Trichlorofluoromethane	3.25	101	92695	19.516	ug/l	99
8) Diethyl Ether	3.68	74	96461	20.412	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	180894	20.383	ug/l	99
10) Methyl Iodide	4.26	142	266249	19.884	ug/l	99
11) Tert butyl alcohol	5.16	59	62714	84.427	ug/l	99
12) 1,1-Dichloroethene	4.04	96	186926	20.113	ug/l	99
13) Acrolein	3.89	56	63574	89.207	ug/l	97
14) Allyl chloride	4.66	41	279907	19.709	ug/l	99
15) Acrylonitrile	5.36	53	202620	93.799	ug/l	99
16) Acetone	4.12	43	189935	82.381	ug/l	100
17) Carbon Disulfide	4.38	76	566687	20.231	ug/l	97
18) Methyl Acetate	4.67	43	106172	19.067	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	237396	20.578	ug/l	100
20) Methylene Chloride	4.91	84	206953	19.430	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	204557	20.729	ug/l	99
22) Diisopropyl ether	6.31	45	543075	20.430	ug/l	98
23) Vinyl Acetate	6.25	43	1613828	100.537	ug/l	99
24) 1,1-Dichloroethane	6.21	63	341314	20.355	ug/l	100
25) 2-Butanone	7.17	43	271013	91.596	ug/l	98
26) 2,2-Dichloropropane	7.17	77	186943	20.137	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	212406	20.485	ug/l	99
28) Bromochloromethane	7.51	49	116133	17.666	ug/l	100
29) Tetrahydrofuran	7.52	42	169248	92.334	ug/l	99
30) Chloroform	7.67	83	322132	20.544	ug/l	98
31) Cyclohexane	7.95	56	345717	19.839	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	259365	20.566	ug/l	99
36) 1,1-Dichloropropene	8.08	75	275393	20.693	ug/l	99
37) Ethyl Acetate	7.25	43	117562	19.478	ug/l	100
38) Carbon Tetrachloride	8.06	117	241049	20.878	ug/l	97

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 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)
39) Methylcyclohexane	9.34	83	349019	20.436	ug/l	99
40) Benzene	8.32	78	789667	20.972	ug/l	99
41) Methacrylonitrile	7.48	41	60929	18.109	ug/l	94
42) 1,2-Dichloroethane	8.40	62	199698	20.437	ug/l	100
43) Isopropyl Acetate	8.42	43	215834	19.692	ug/l	99
44) Trichloroethene	9.09	130	211996	20.807	ug/l	96
45) 1,2-Dichloropropane	9.37	63	193259	20.916	ug/l	96
46) Dibromomethane	9.46	93	93236	20.440	ug/l	98
47) Bromodichloromethane	9.64	83	232302	20.628	ug/l	100
48) Methyl methacrylate	9.43	41	104958	19.614	ug/l	98
49) 1,4-Dioxane	9.45	88	30685	359.667	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	552217	97.022	ug/l	100
52) Toluene	10.38	92	492846	20.805	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	235361	20.185	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	291735	20.472	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	134151	20.137	ug/l	98
56) Ethyl methacrylate	10.64	69	171857	19.850	ug/l	100
57) 1,3-Dichloropropane	10.93	76	240048	20.502	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	255980	97.215	ug/l	99
59) 2-Hexanone	10.96	43	378002	96.378	ug/l	99
60) Dibromochloromethane	11.13	129	153239	20.387	ug/l	99
61) 1,2-Dibromoethane	11.23	107	128270	20.284	ug/l	99
64) Tetrachloroethene	10.86	164	180968	20.950	ug/l	97
65) Chlorobenzene	11.65	112	505972	20.699	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	170233	20.684	ug/l	99
67) Ethyl Benzene	11.73	91	916519	20.805	ug/l	99
68) m/p-Xylenes	11.83	106	707894	41.987	ug/l	100
69) o-Xylene	12.16	106	321473	20.642	ug/l	100
70) Styrene	12.18	104	553589	21.016	ug/l	100
71) Bromoform	12.35	173	90056	20.061	ug/l #	99
73) Isopropylbenzene	12.46	105	898763	21.231	ug/l	99
74) N-amyl acetate	12.27	43	186498	19.648	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	152633	19.976	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	114379m	20.968	ug/l	
77) Bromobenzene	12.74	156	209242	21.281	ug/l	98
78) n-propylbenzene	12.80	91	1058419	21.262	ug/l	99
79) 2-Chlorotoluene	12.89	91	594190	20.975	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	751730	21.149	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	47302	19.321	ug/l	96
82) 4-Chlorotoluene	12.99	91	622474	21.150	ug/l	100
83) tert-Butylbenzene	13.20	119	654096	21.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	755608	21.362	ug/l	100
85) sec-Butylbenzene	13.38	105	904821	21.006	ug/l	100
86) p-Isopropyltoluene	13.49	119	832816	21.211	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	405070	21.187	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	396246	20.993	ug/l	98
89) n-Butylbenzene	13.82	91	771469	21.159	ug/l	99
90) Hexachloroethane	14.09	117	137595	20.061	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	351238	20.902	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	24229	20.024	ug/l	95

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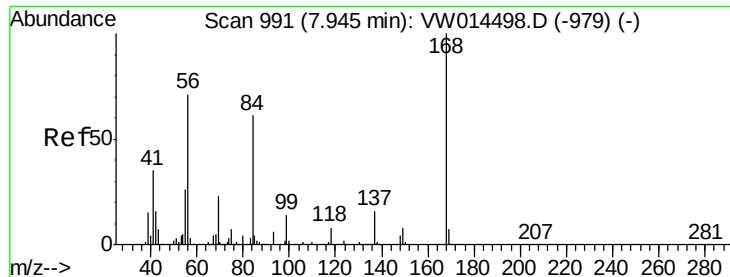
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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	247613	21.820	ug/l	99
94) Hexachlorobutadiene	15.23	225	156095	20.526	ug/l	99
95) Naphthalene	15.36	128	397063	20.516	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	212539	21.487	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

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBS01

Tot Ion:168 Resp: 933889

Ion Ratio Lower Upper

168 100

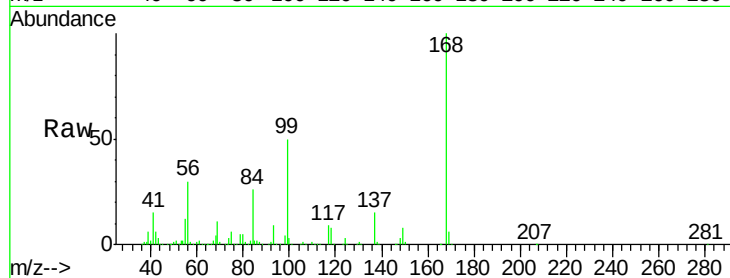
99 50.1 41.1 61.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

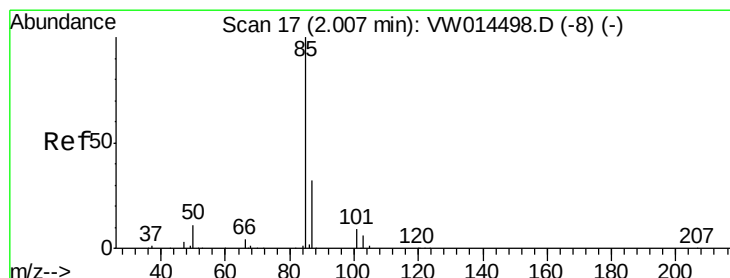
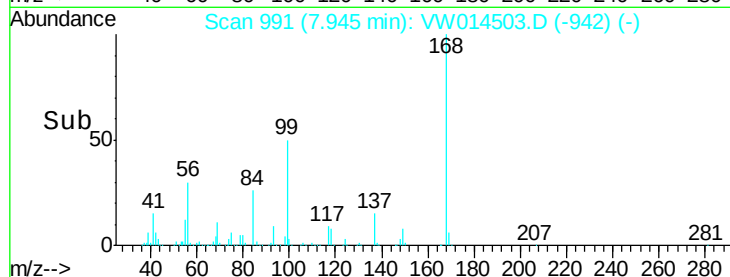
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.484 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014503.D

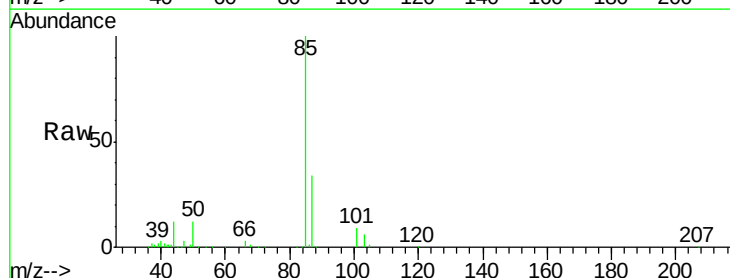
Acq: 03 Jan 2020 17:19

Tgt Ion: 85 Resp: 118558

Ion Ratio Lower Upper

85 100

87 34.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

40000

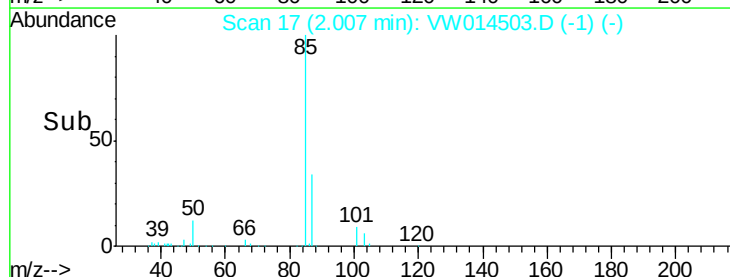
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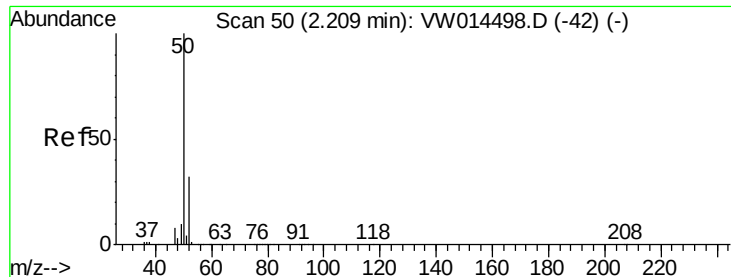
20000

10000

0

Time-->





#3

Chloromethane

Concen: 21.415 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

ClientSampled :

VW0103SBS01

Tot Ion: 50 Resp: 138215

Ion Ratio Lower Upper

50 100

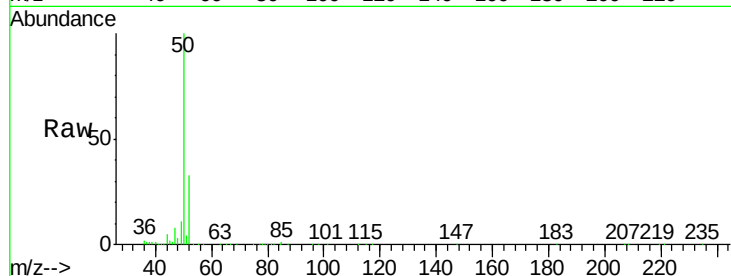
52 33.2 25.8 38.8

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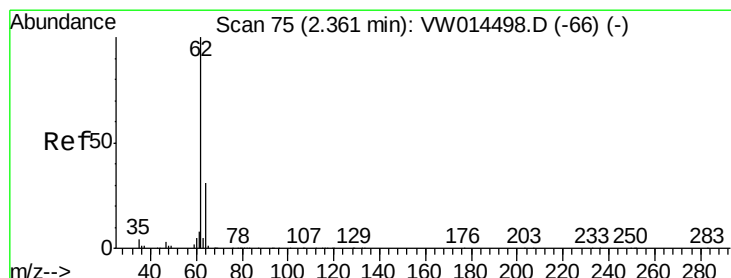
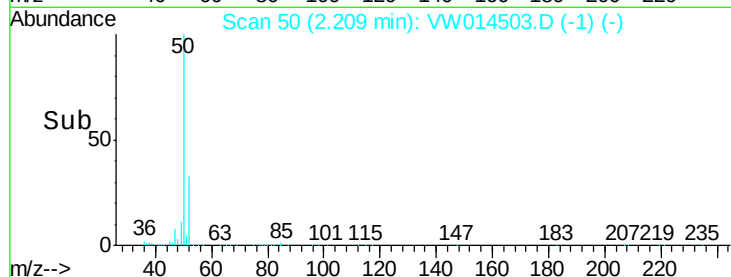
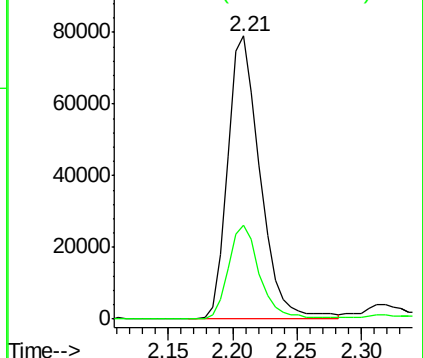
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.641 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014503.D

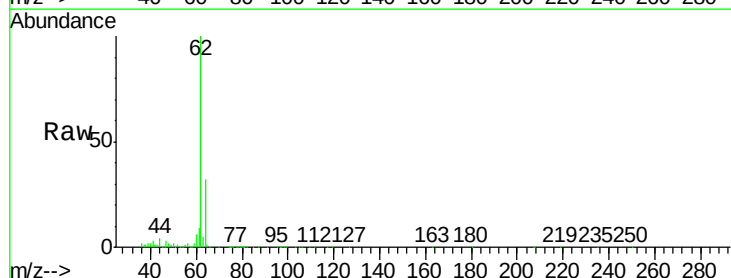
Acq: 03 Jan 2020 17:19

Tgt Ion: 62 Resp: 195948

Ion Ratio Lower Upper

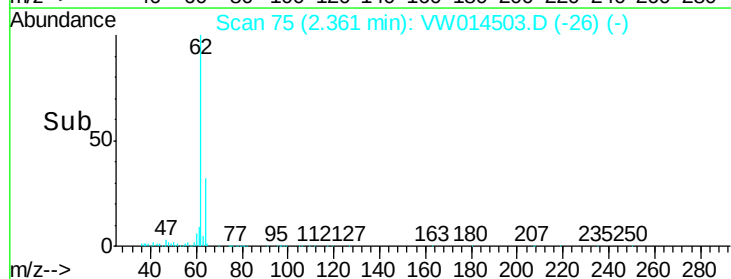
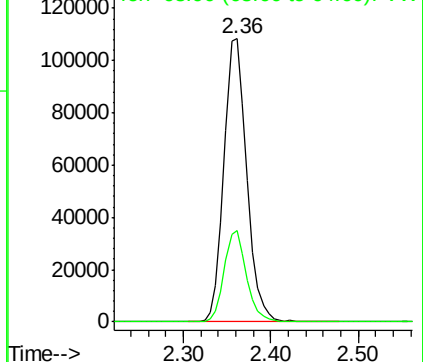
62 100

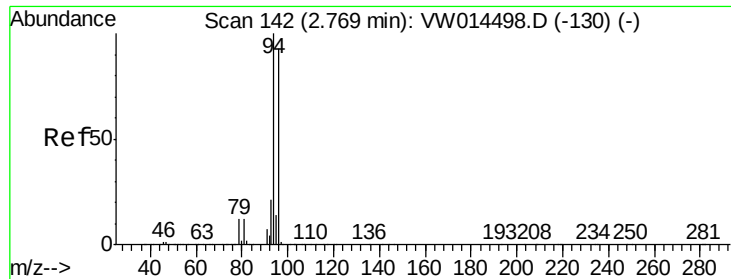
64 32.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 21.109 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

ClientSampled :

VW0103SBS01

Tot Ion: 94 Resp: 123787

Ion Ratio Lower Upper

94 100

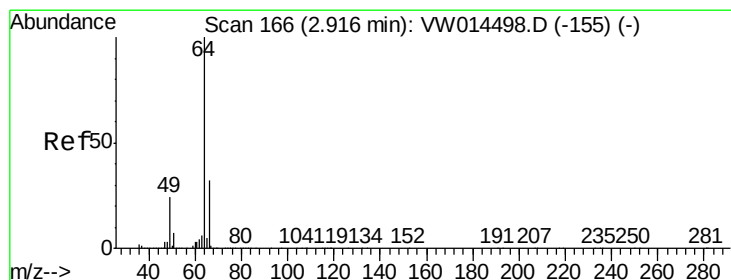
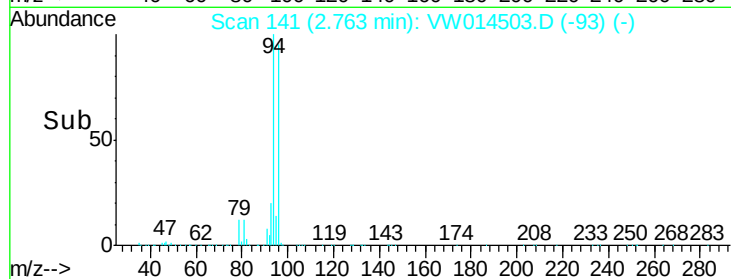
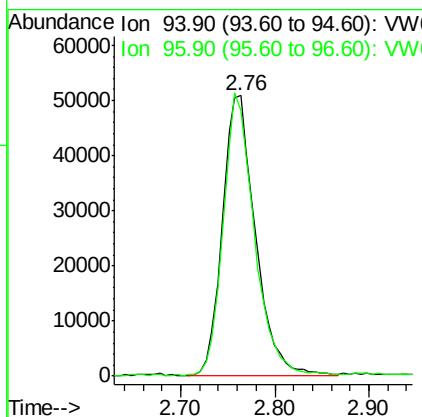
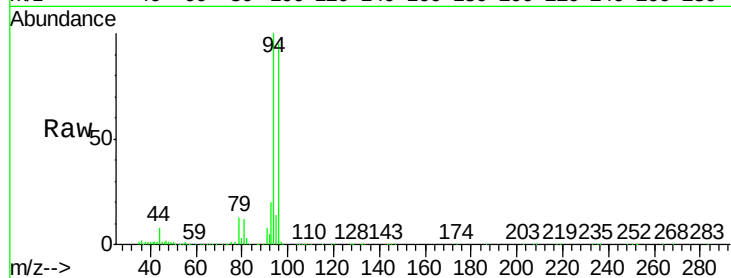
96 94.3 74.2 111.2

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#6

Chloroethane

Concen: 20.476 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW014503.D

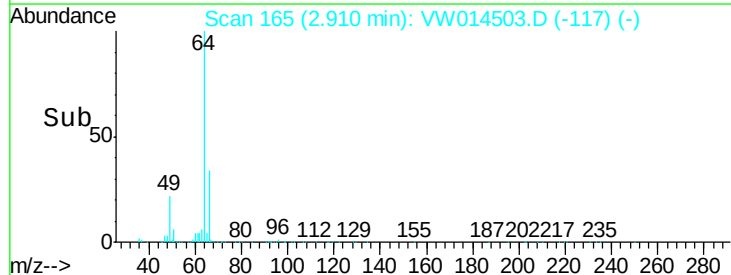
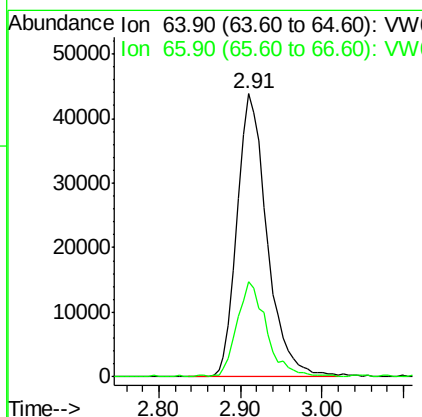
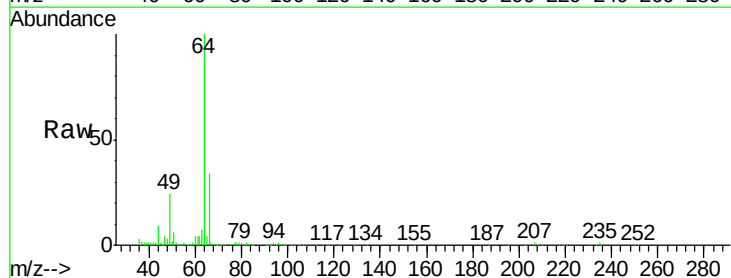
Acq: 03 Jan 2020 17:19

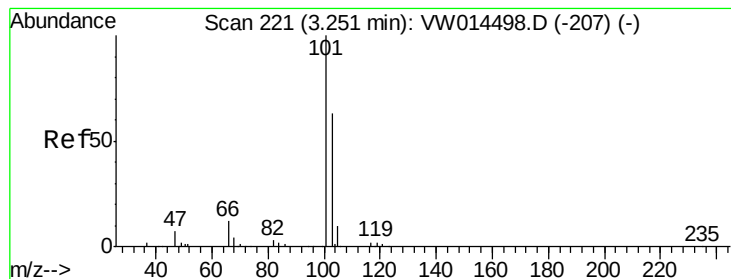
Tgt Ion: 64 Resp: 110806

Ion Ratio Lower Upper

64 100

66 33.3 25.7 38.5





#7

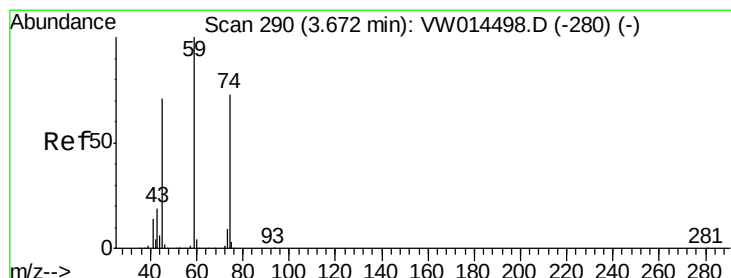
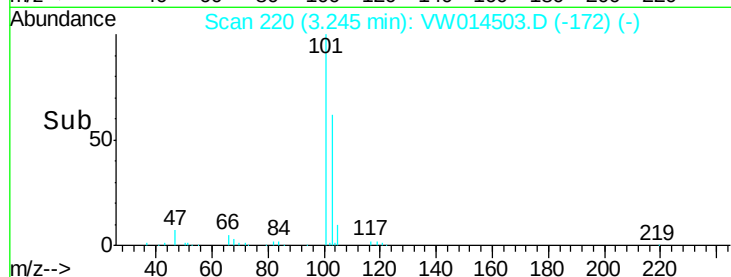
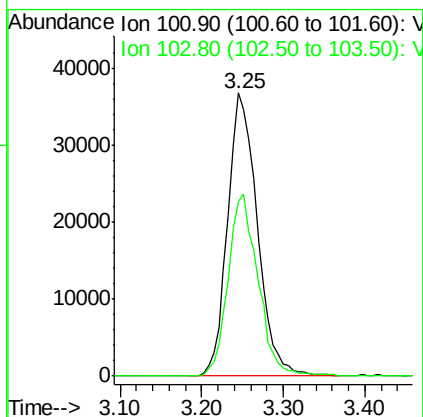
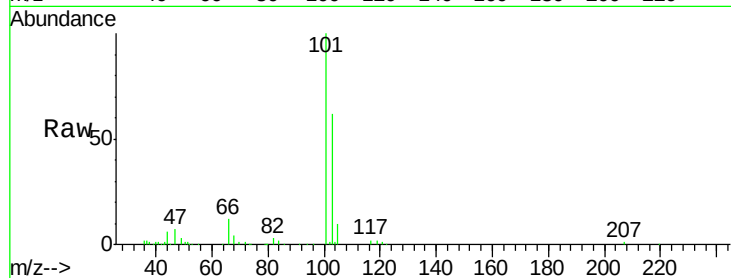
Trichlorofluoromethane
Concen: 19.516 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

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ClientSampleId :
VW0103SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	50.1	75.1

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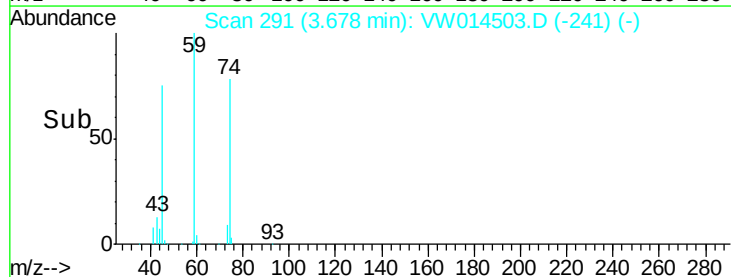
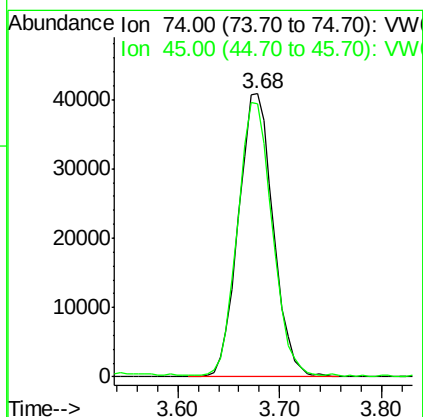
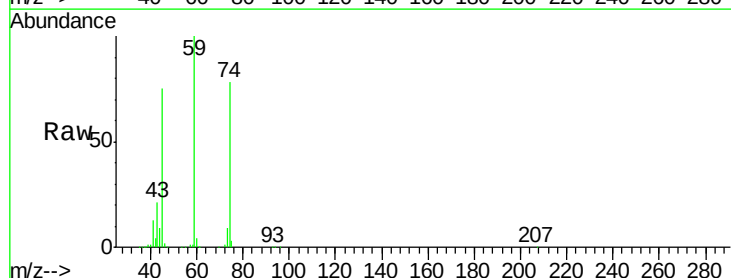
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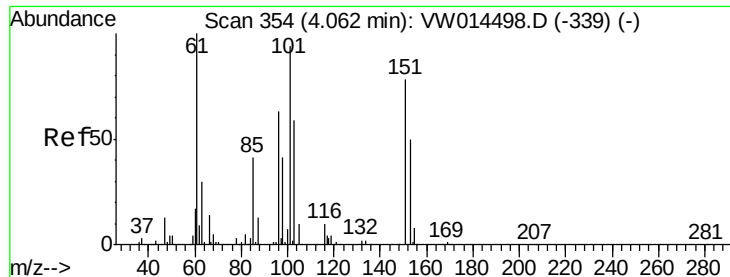


#8

Diethyl Ether
Concen: 20.412 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.383 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014503.D

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MSVOA_W

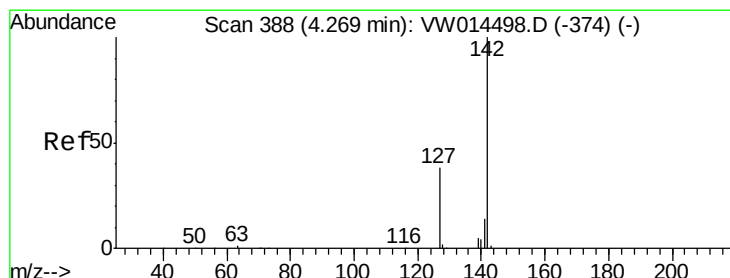
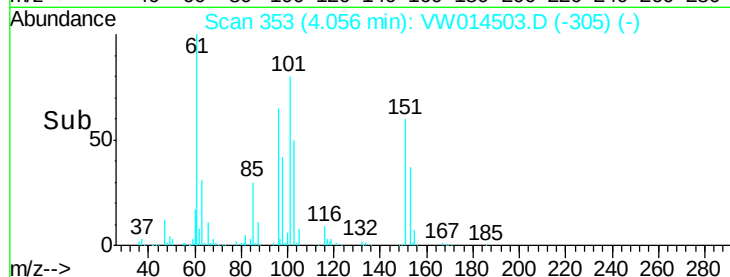
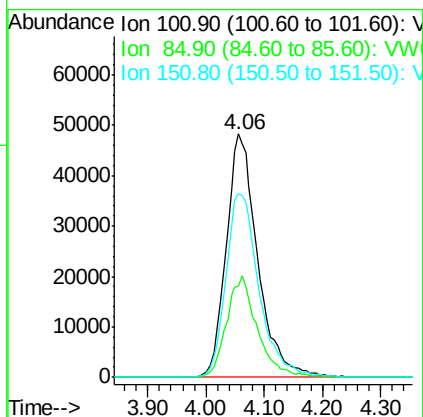
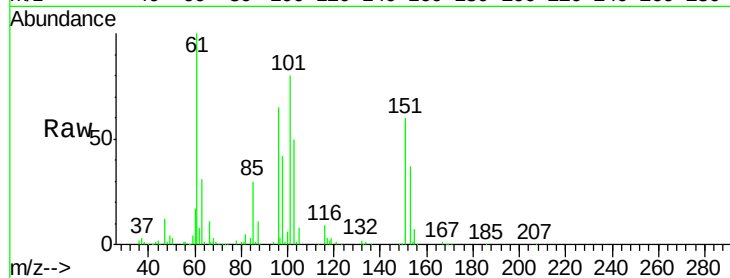
ClientSampled :

VW0103SBS01

Tot Ion:	101	Resp:	180894
Ion Ratio	Lower	Upper	
101	100		
85	40.9	33.7	50.5
151	79.8	63.5	95.3

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#10

Methyl Iodide

Concen: 19.884 ug/l

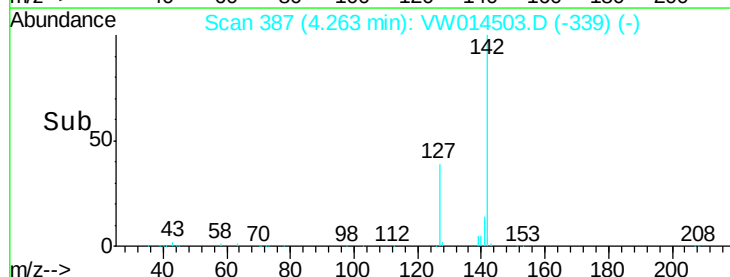
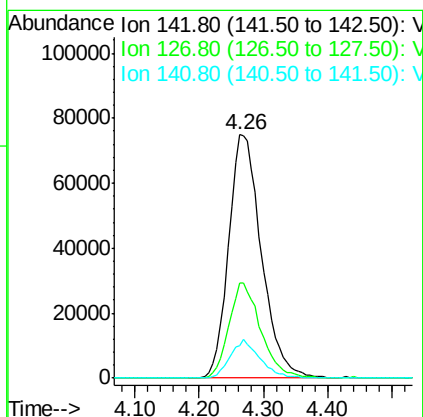
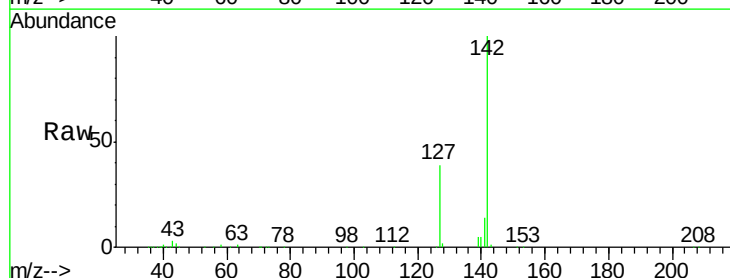
RT: 4.26 min Scan# 387

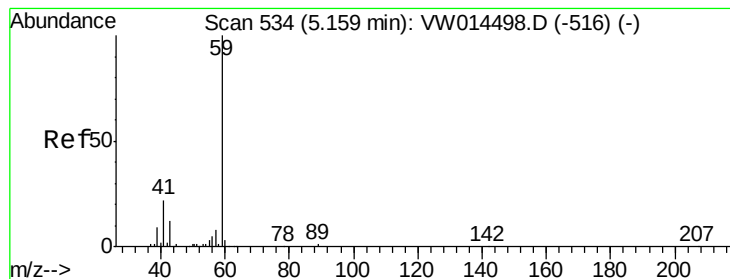
Delta R.T. -0.01 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Tgt Ion:	142	Resp:	266249
Ion Ratio	Lower	Upper	
142	100		
127	38.1	30.2	45.4
141	14.5	11.4	17.2





#11

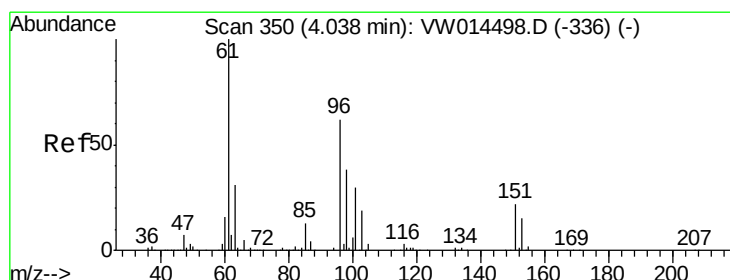
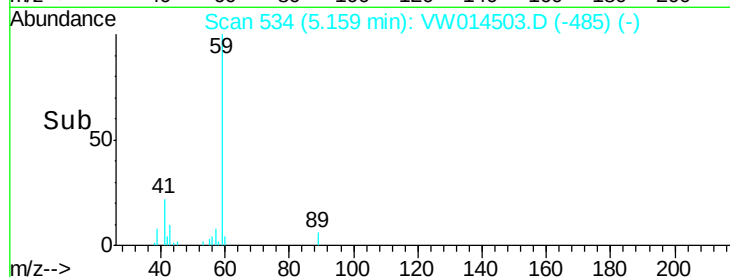
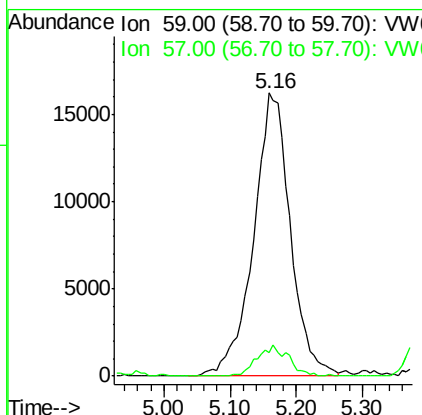
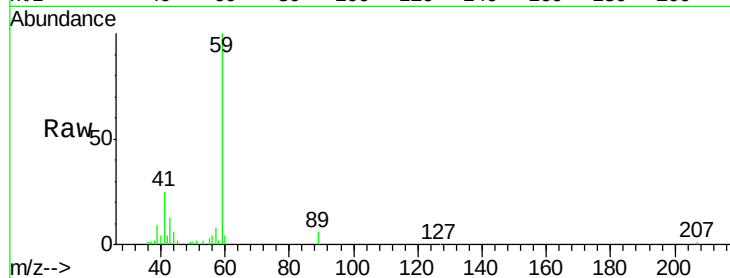
Tert butyl alcohol
Concen: 84.427 ug/l
RT: 5.16 min Scan# 534
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampled :
VW0103SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.8	11.8

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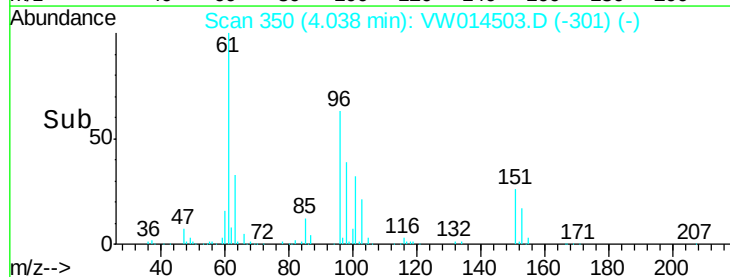
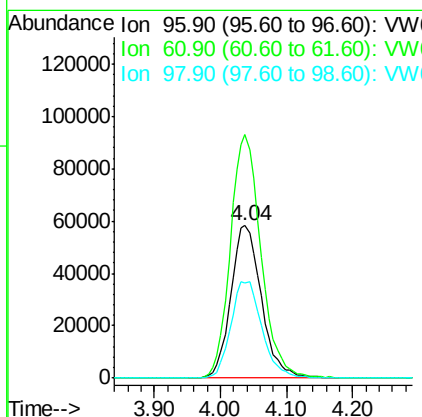
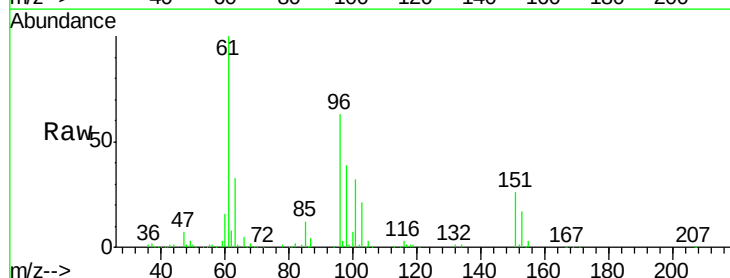
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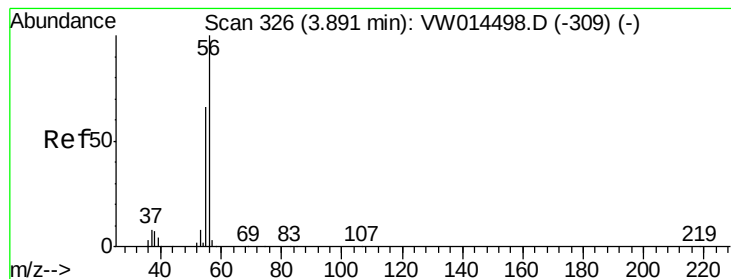


#12

1,1-Dichloroethene
Concen: 20.113 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.7	128.4	192.6
98	62.1	49.1	73.7





#13

Acrolein

Concen: 89.207 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

ClientSampled :

VW0103SBS01

Tot Ion: 56 Resp: 63574

Ion Ratio Lower Upper

56 100

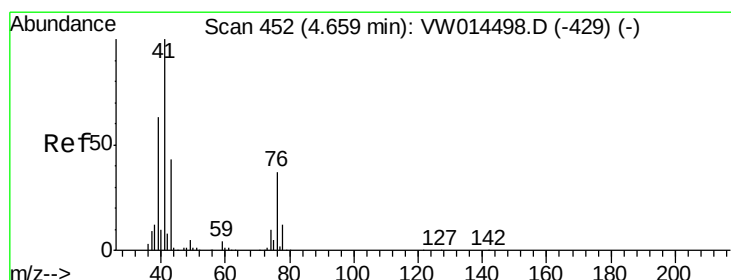
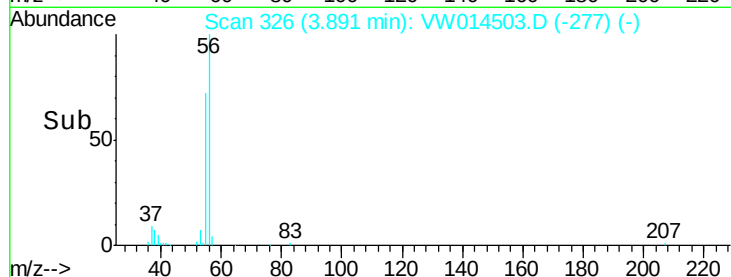
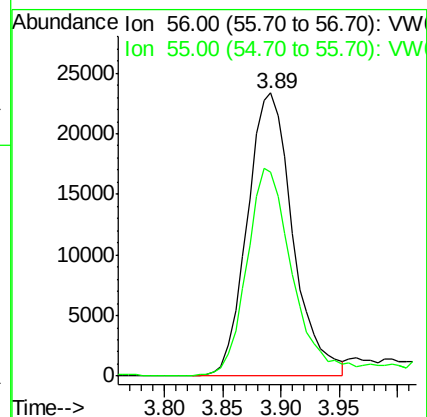
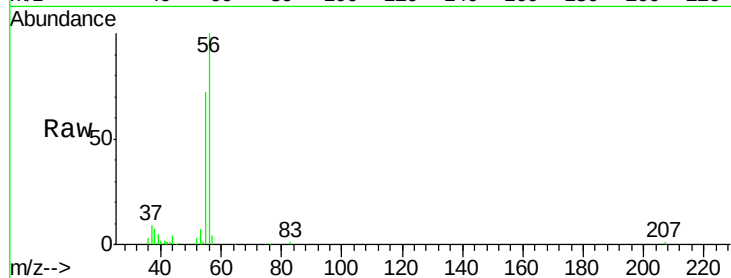
55 73.6 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 19.709 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

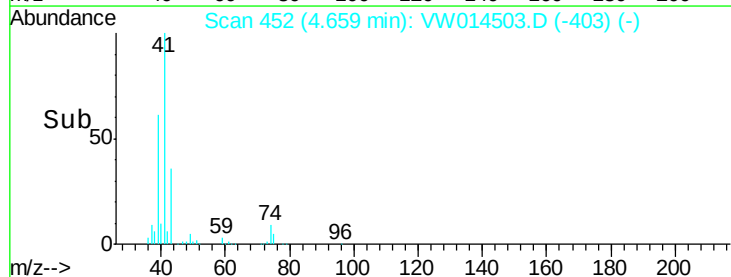
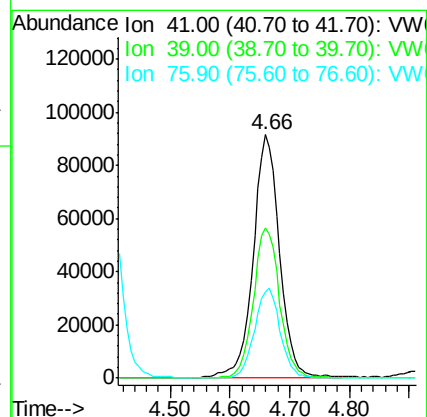
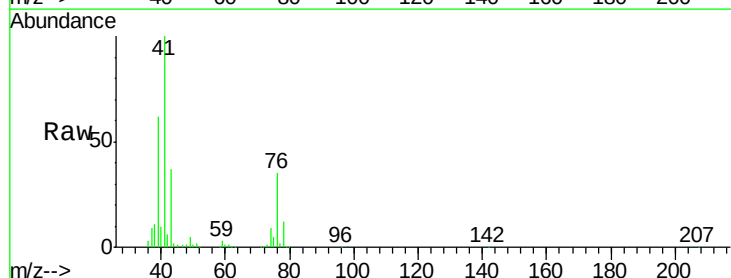
Tgt Ion: 41 Resp: 279907

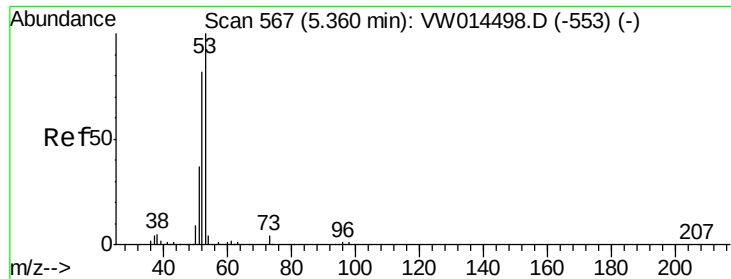
Ion Ratio Lower Upper

41 100

39 61.6 48.5 72.7

76 36.1 28.1 42.1





#15

Acrylonitrile

Concen: 93.799 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

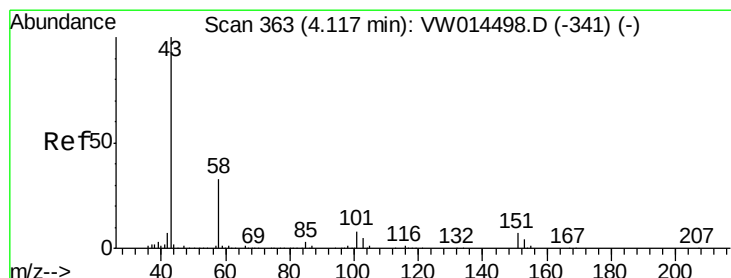
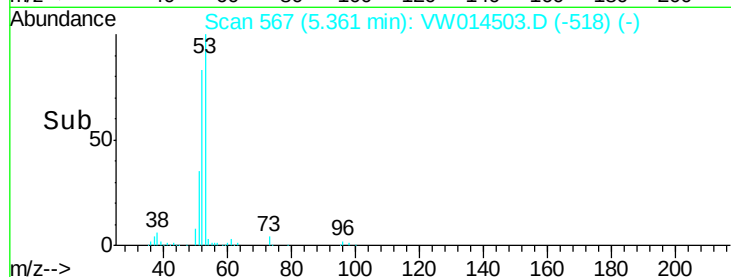
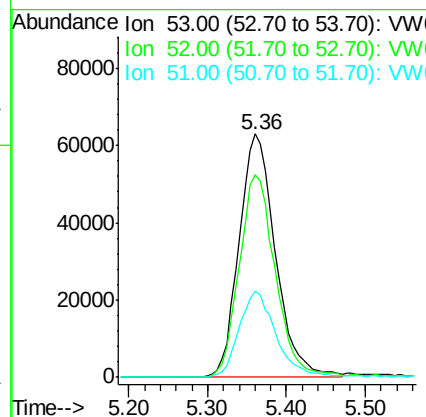
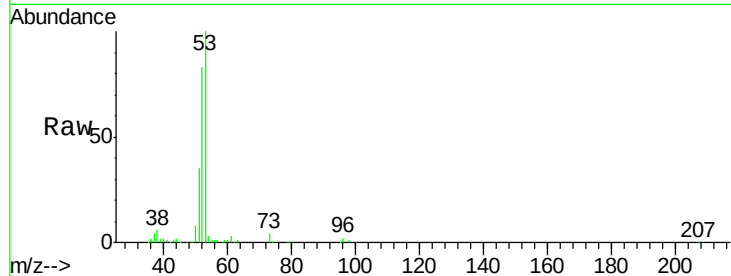
ClientSampled :

VW0103SBS01

Tot Ion:	53	Resp:	202620
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.5	99.7
51	35.8	28.4	42.6

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#16

Acetone

Concen: 82.381 ug/l

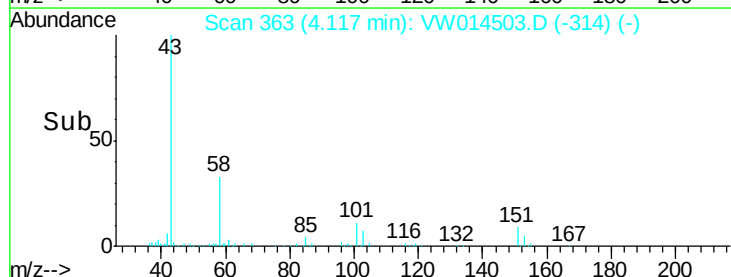
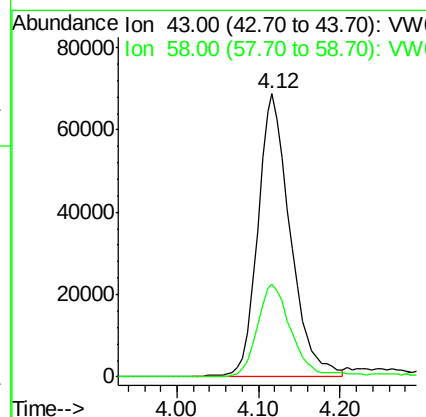
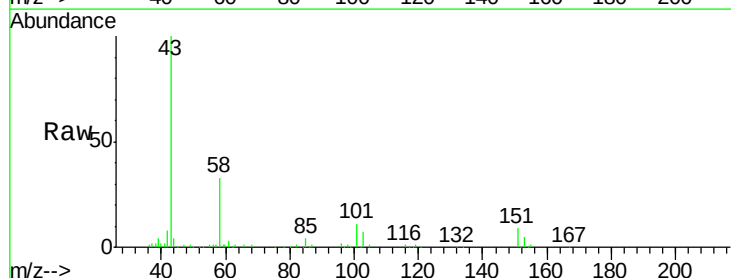
RT: 4.12 min Scan# 363

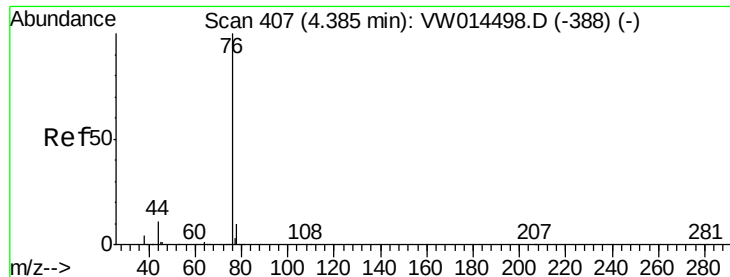
Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Tgt Ion:	43	Resp:	189935
Ion Ratio	Lower	Upper	
43	100		
58	32.9	26.6	39.8





#17

Carbon Disulfide

Concen: 20.231 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBS01

Tot Ion: 76 Resp: 566687

Ion Ratio Lower Upper

76 100

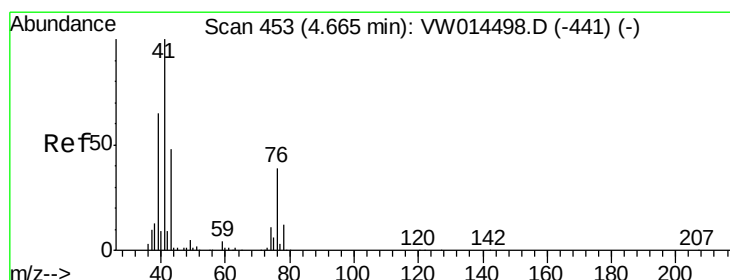
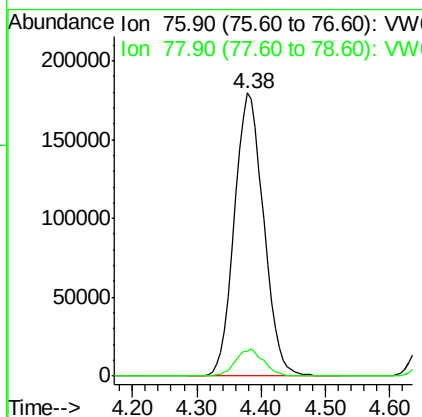
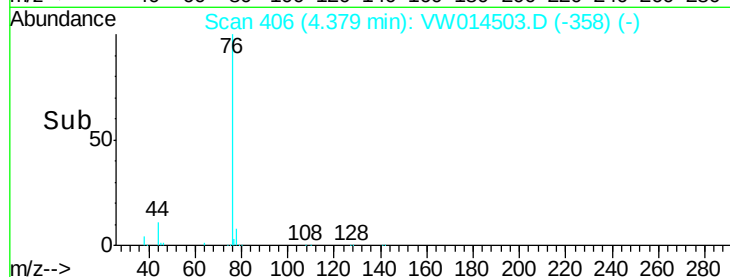
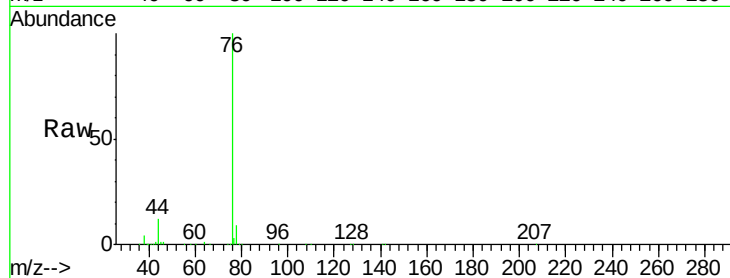
78 8.6 7.8 11.6

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#18

Methyl Acetate

Concen: 19.067 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW014503.D

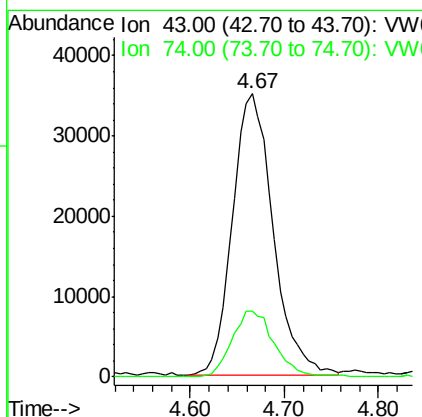
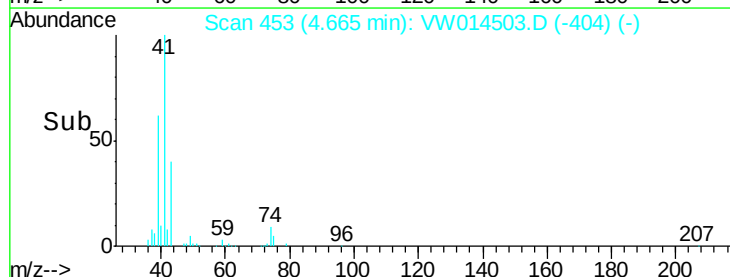
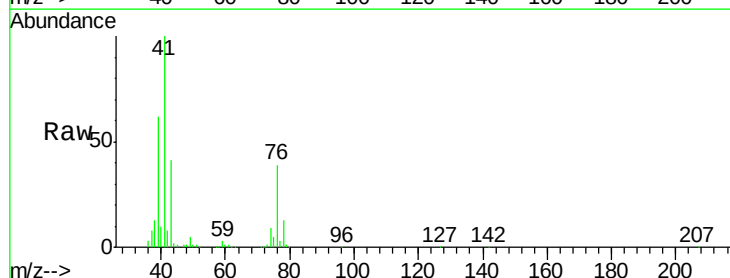
Acq: 03 Jan 2020 17:19

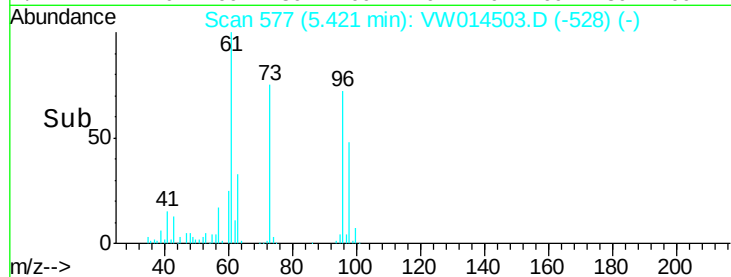
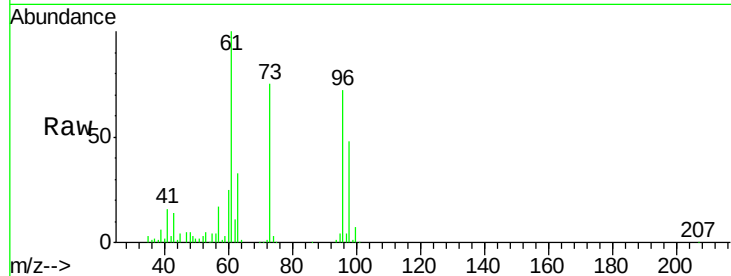
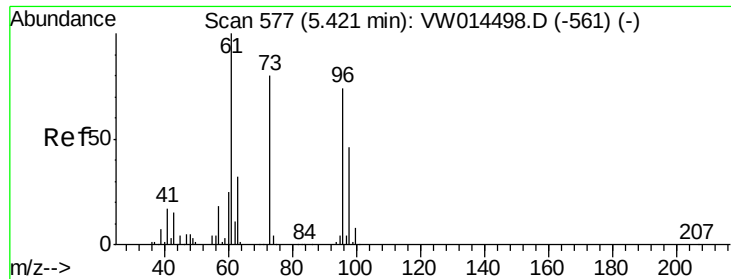
Tgt Ion: 43 Resp: 106172

Ion Ratio Lower Upper

43 100

74 24.3 19.3 28.9





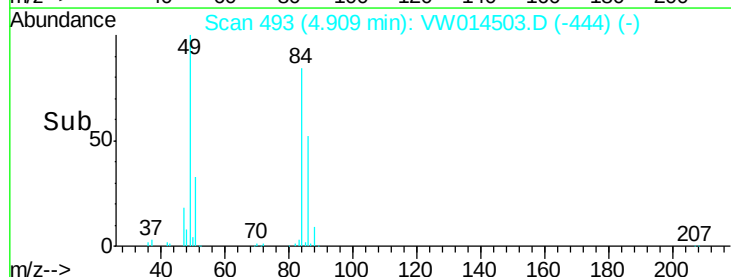
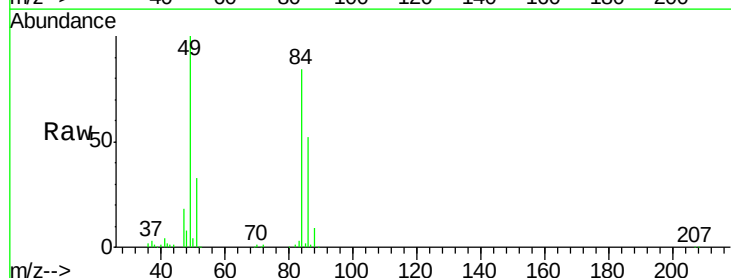
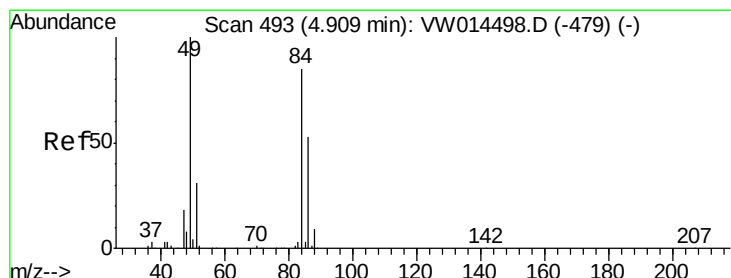
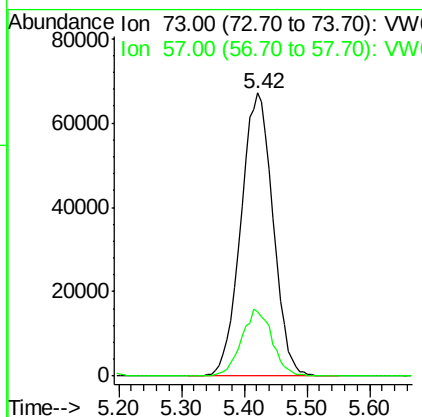
#19
Methyl tert-butyl Ether
Concen: 20.578 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tot Ion	Ratio	Resp	Lower	Upper
73	100	237396		
57	22.8	18.1	27.1	

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

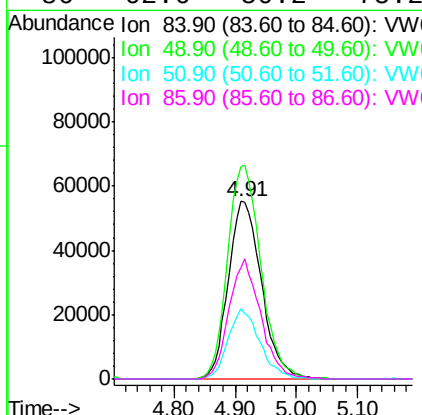
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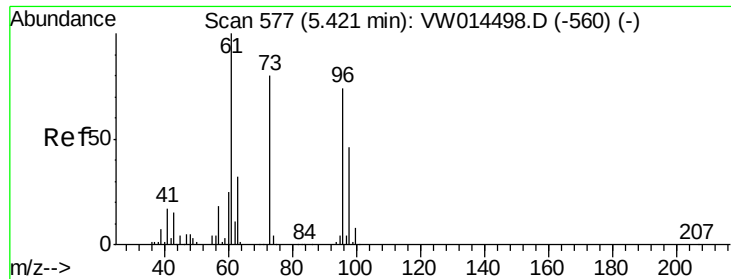
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#20
Methylene Chloride
Concen: 19.430 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	206953		
49	119.7	94.4	141.6	
51	39.4	29.5	44.3	
86	62.6	50.2	75.2	





#21

trans-1,2-Dichloroethene

Concen: 20.729 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

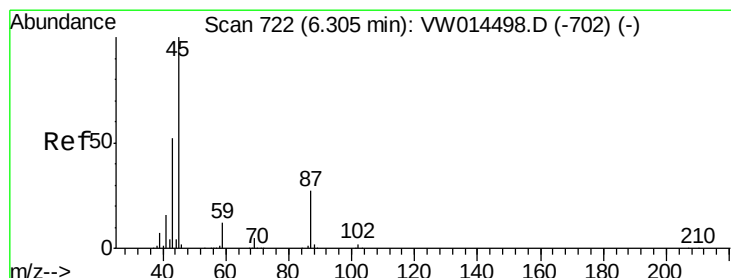
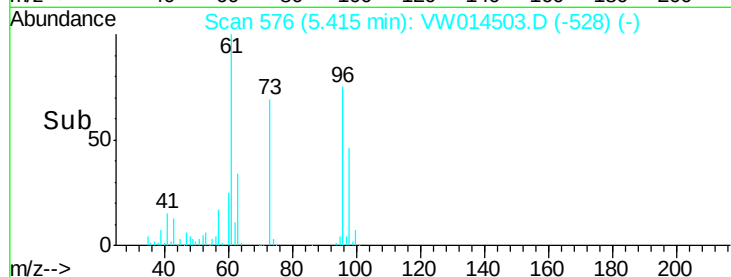
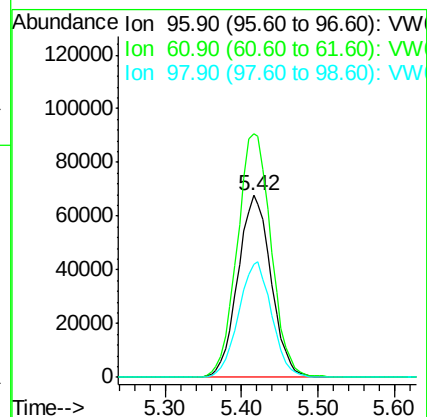
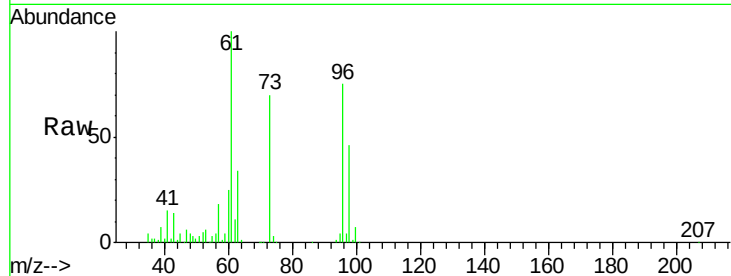
ClientSampled :

VW0103SBS01

Tot Ion:	96	Resp:	204557
Ion	Ratio	Lower	Upper
96	100		
61	133.7	107.8	161.6
98	62.0	49.4	74.0

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#22

Diisopropyl ether

Concen: 20.430 ug/l

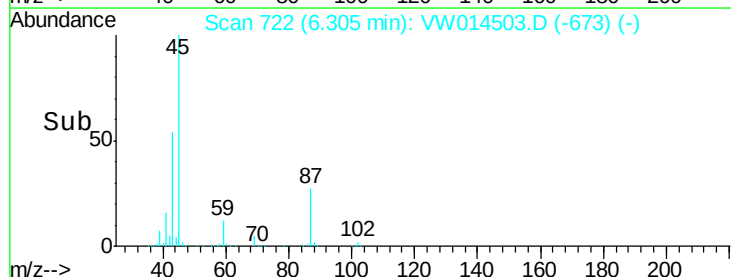
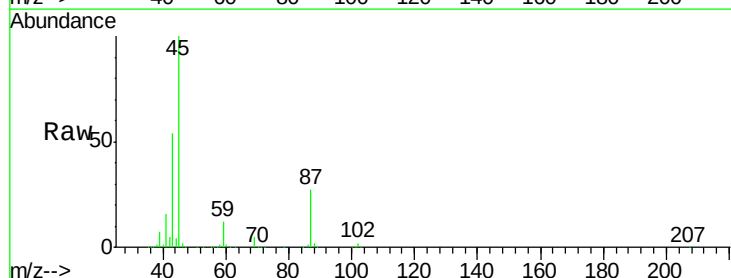
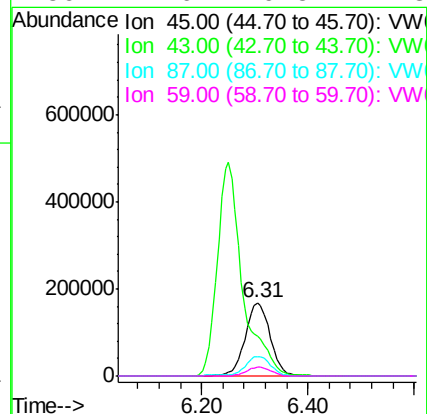
RT: 6.31 min Scan# 722

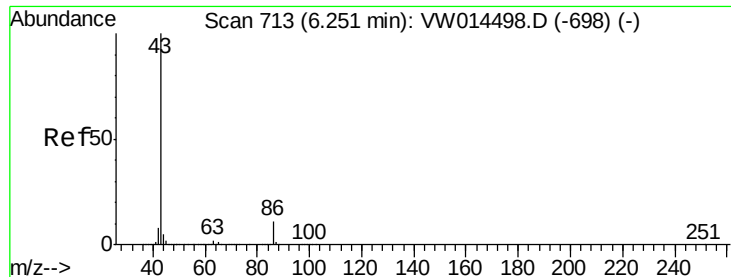
Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Tgt Ion:	45	Resp:	543075
Ion	Ratio	Lower	Upper
45	100		
43	53.8	41.4	62.0
87	26.9	22.2	33.2
59	11.6	9.5	14.3





#23

Vinyl Acetate

Concen: 100.537 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

ClientSampled :

VW0103SBS01

Tot Ion: 43 Resp: 1613828

Ion Ratio Lower Upper

43 100

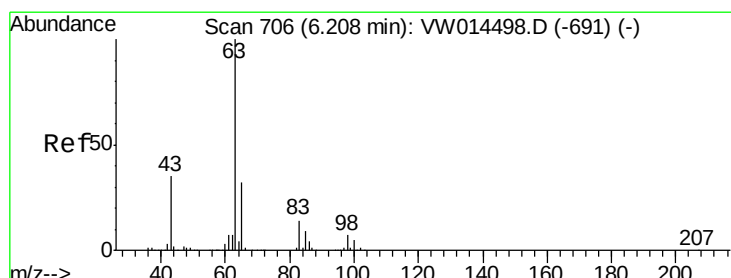
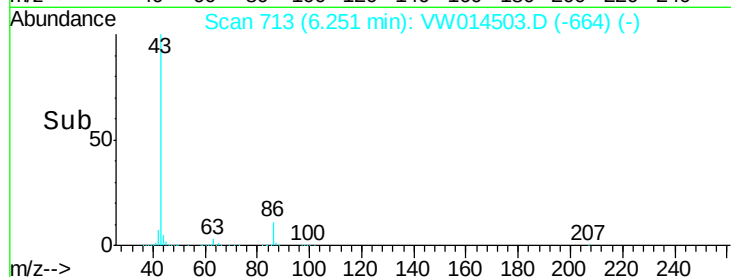
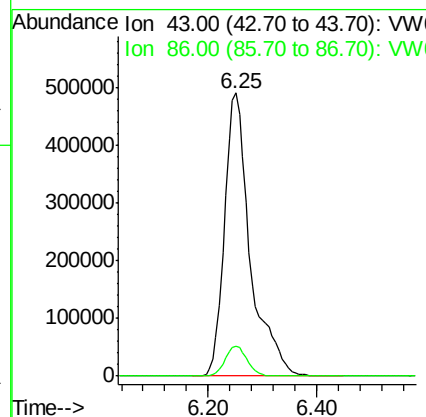
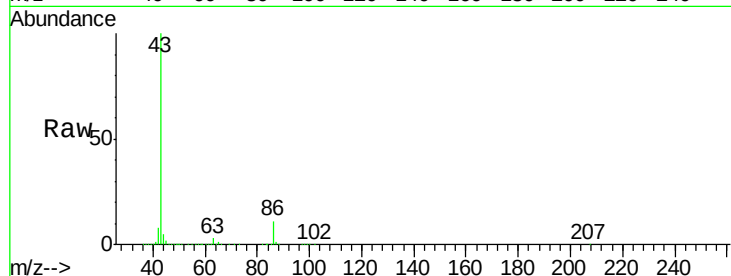
86 10.6 8.8 13.2

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#24

1,1-Dichloroethane

Concen: 20.355 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

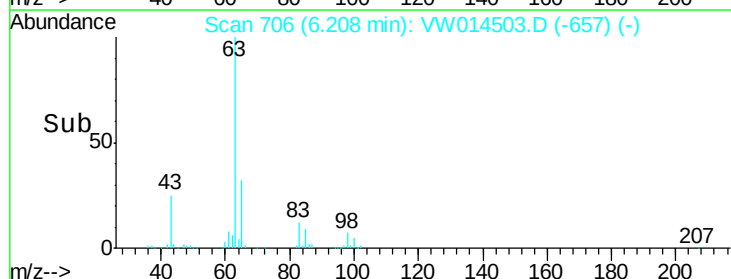
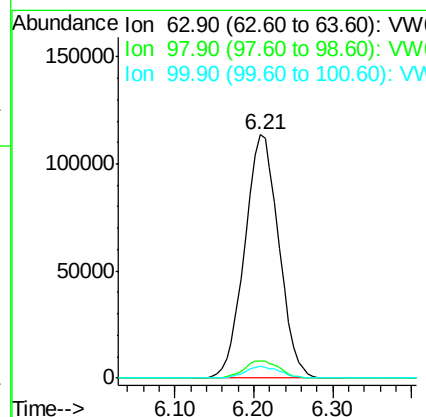
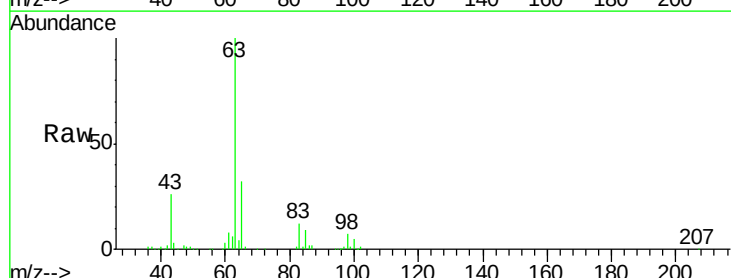
Tgt Ion: 63 Resp: 341314

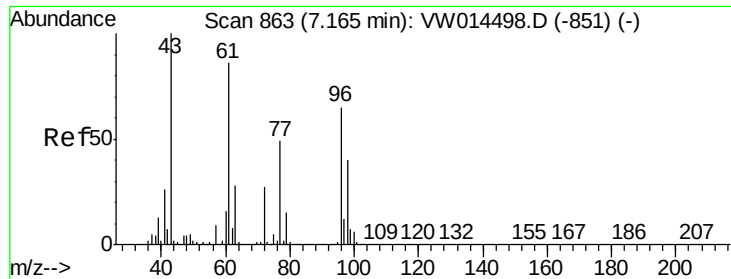
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.7 2.5 7.4





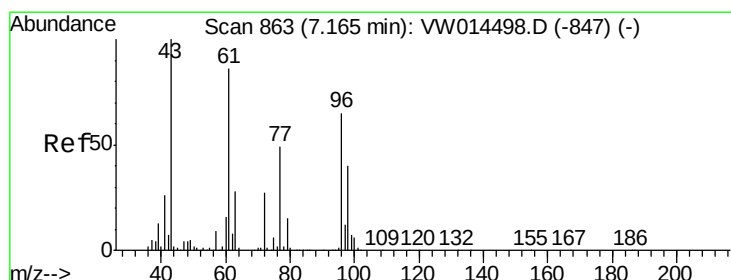
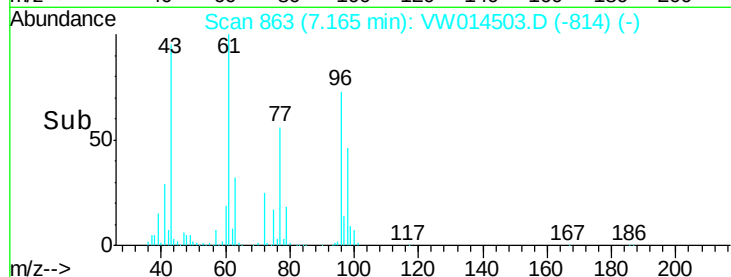
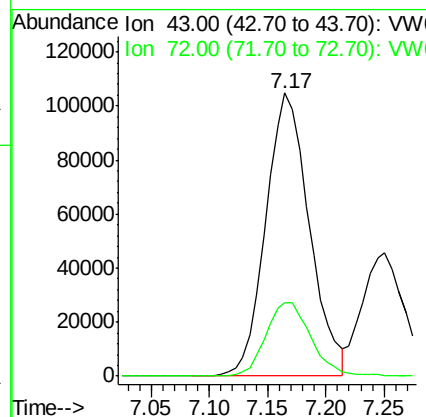
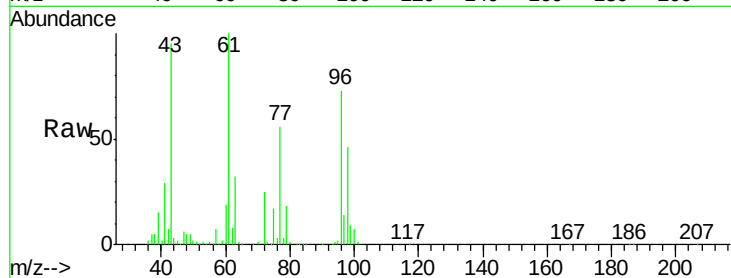
#25
2-Butanone
Concen: 91.596 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampled :
VW0103SBS01

Tot Ion: 43 Resp: 271013
Ion Ratio Lower Upper
43 100
72 26.1 21.9 32.9

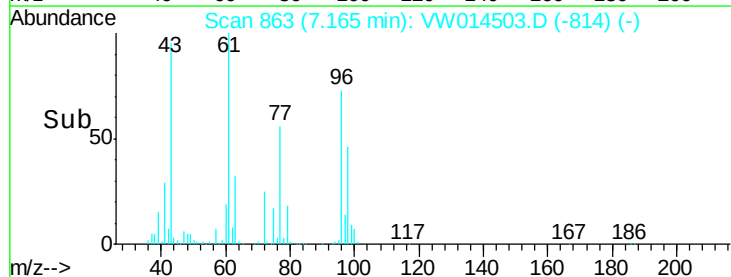
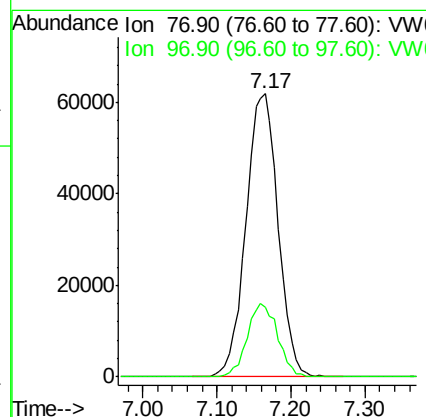
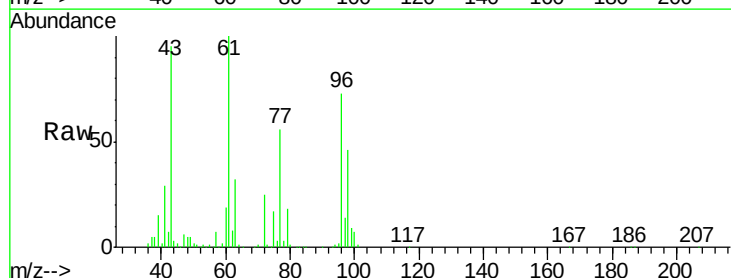
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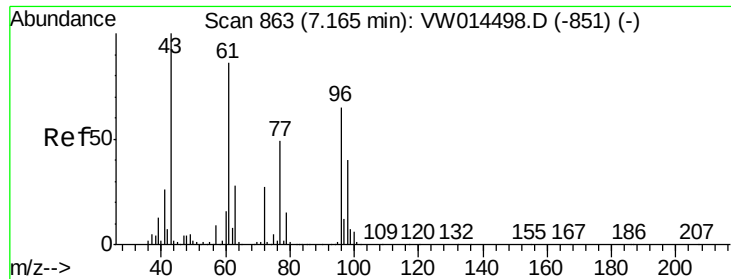
apatel
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#26
2,2-Dichloropropane
Concen: 20.137 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion: 77 Resp: 186943
Ion Ratio Lower Upper
77 100
97 24.6 12.5 37.5





#27

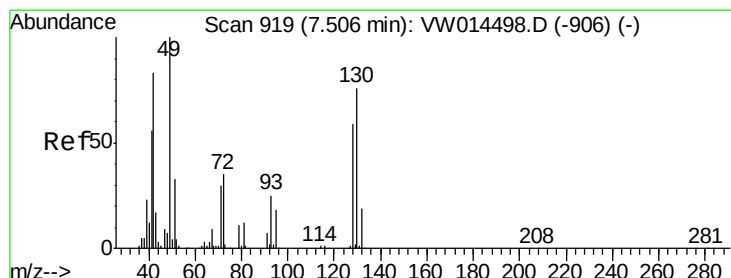
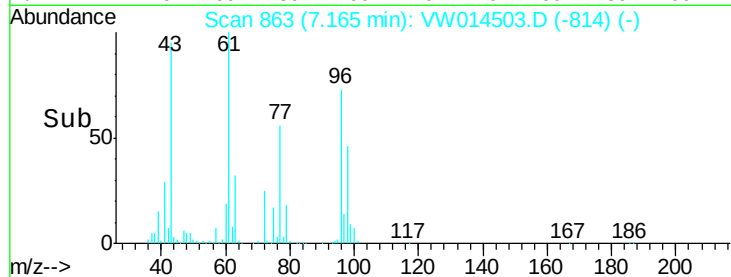
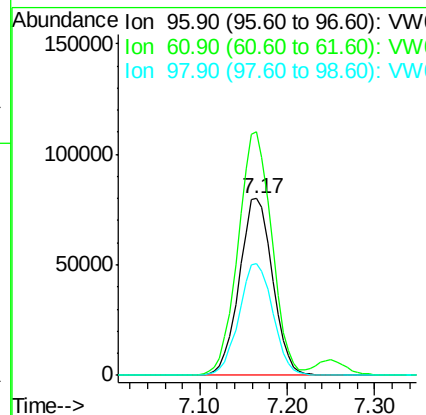
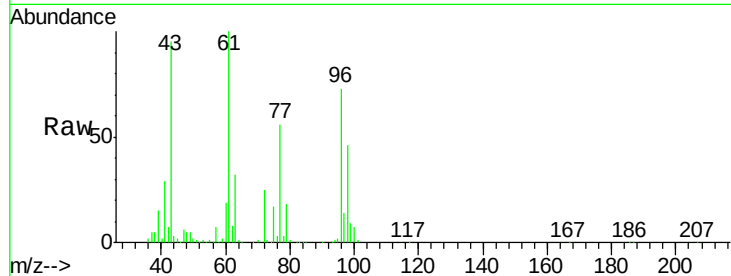
cis-1,2-Dichloroethene
Concen: 20.485 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampled :
VW0103SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	212406		
61	139.3	0.0	274.8	
98	64.0	0.0	128.6	

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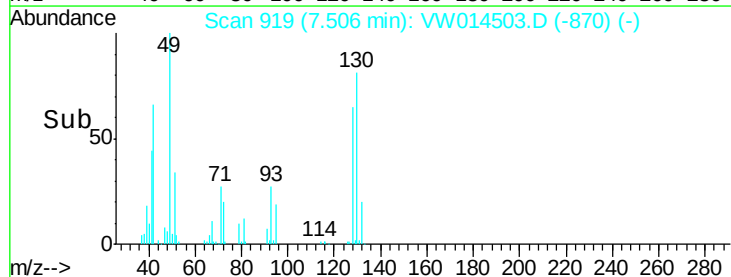
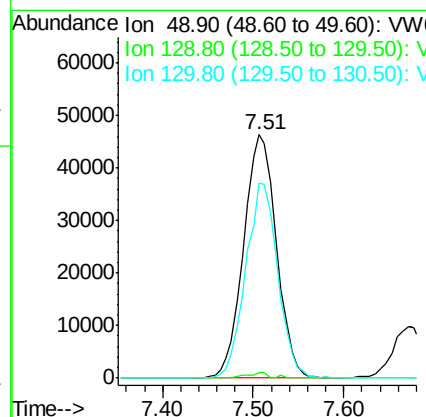
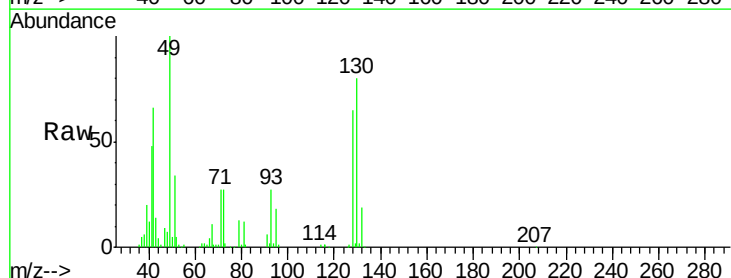
apatel
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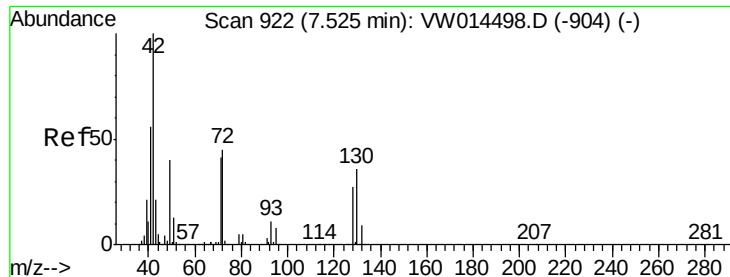


#28

Bromochloromethane
Concen: 17.666 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	116133		
129	1.3	0.0	2.0	
130	78.2	62.5	93.7	





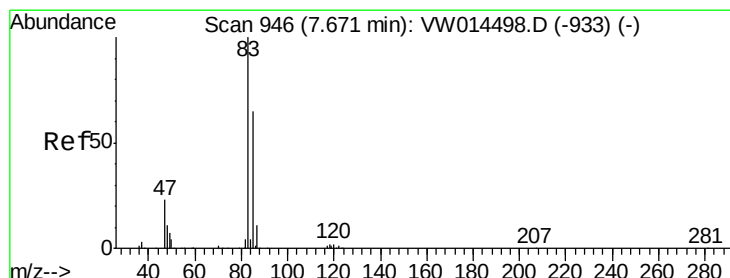
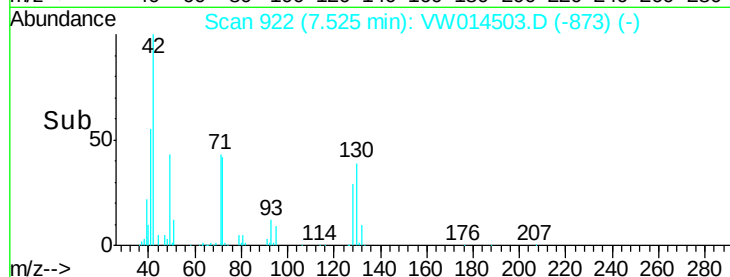
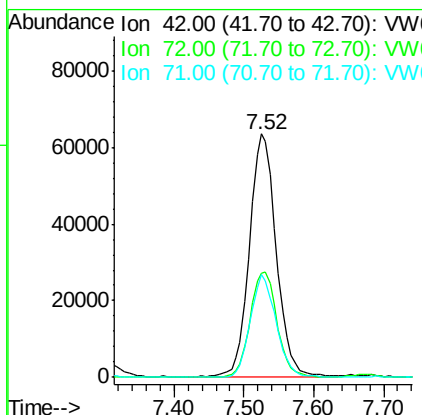
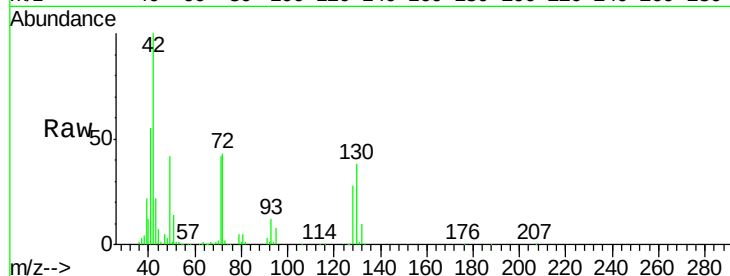
#29
Tetrahydrofuran
Concen: 92.334 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampled :
VW0103SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.5	51.7
71	40.6	32.0	48.0

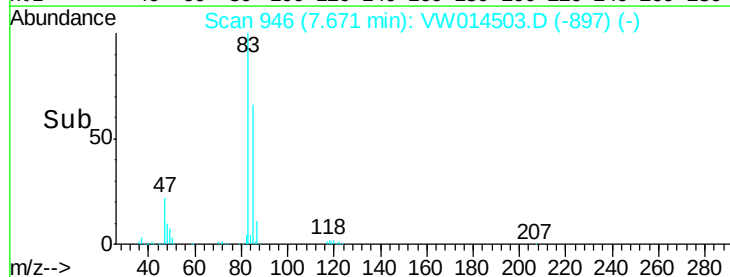
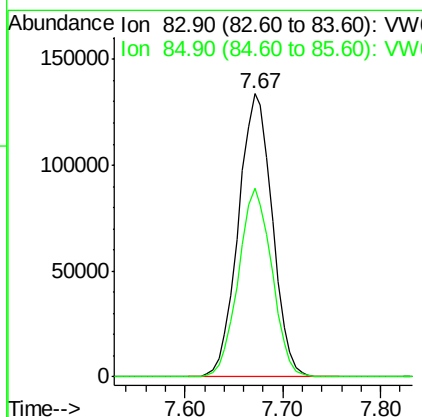
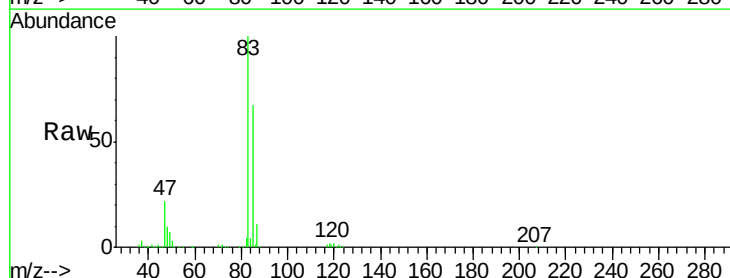
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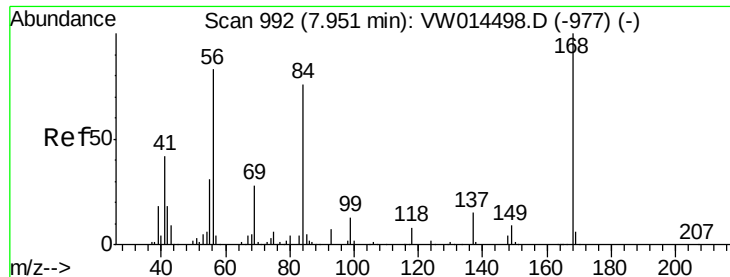
apatel
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#30
Chloroform
Concen: 20.544 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.2	78.2





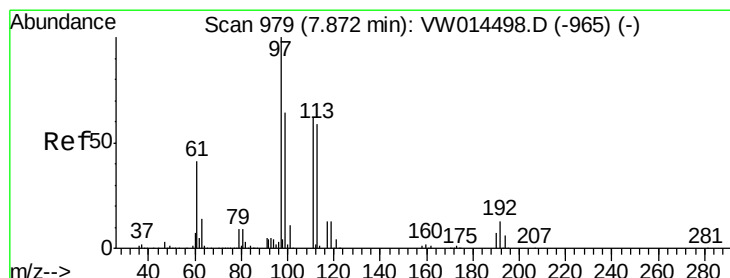
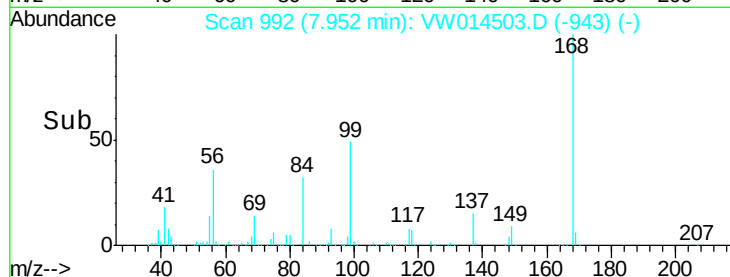
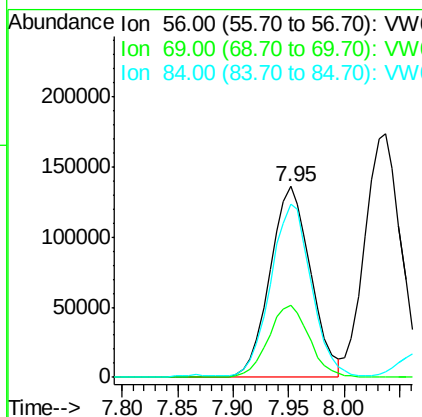
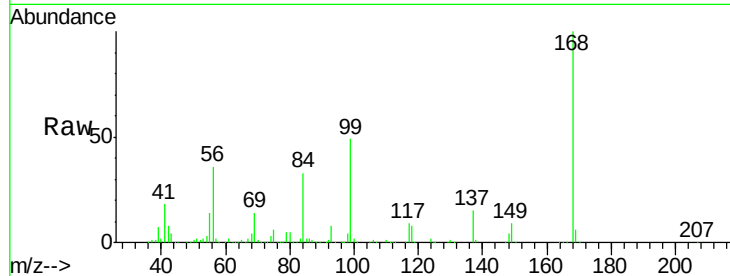
#31
Cyclohexane
Concen: 19.839 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.0	26.8	40.2
84	90.0	71.8	107.6

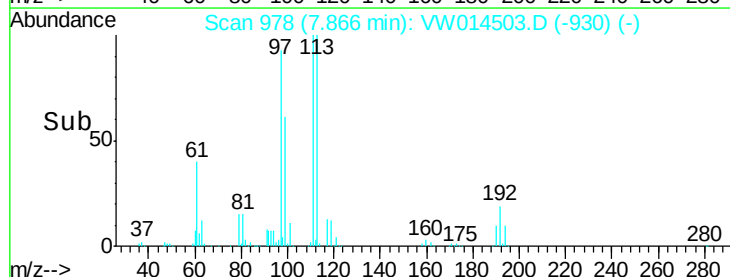
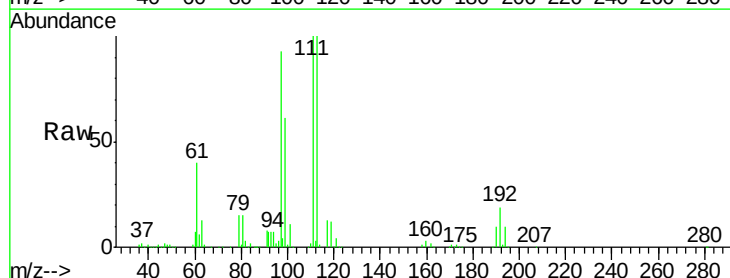
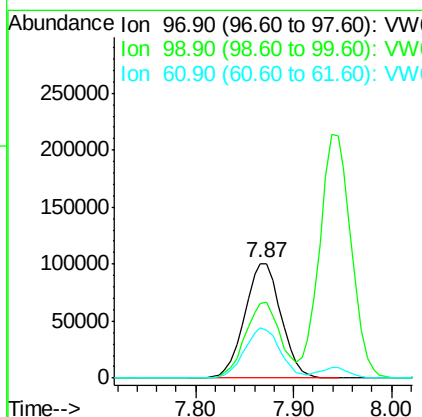
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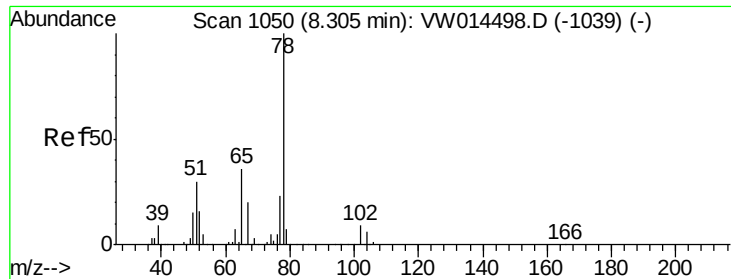
apatel
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#32
1,1,1-Trichloroethane
Concen: 20.566 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.6
61	43.3	33.8	50.8





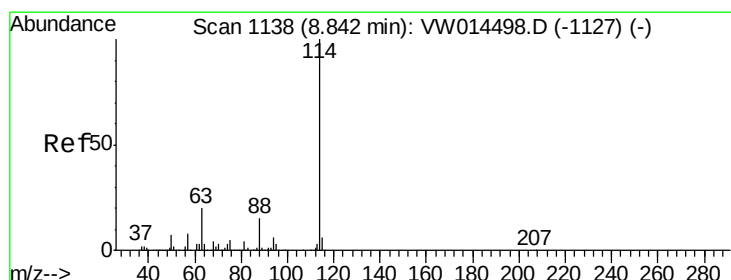
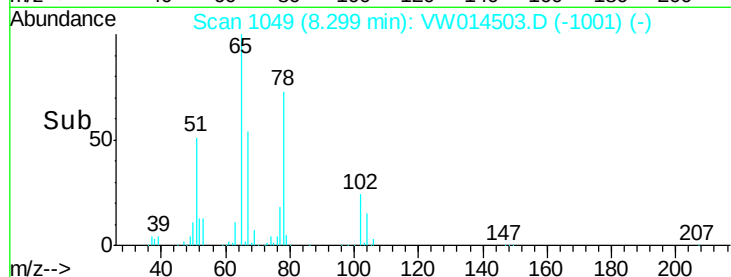
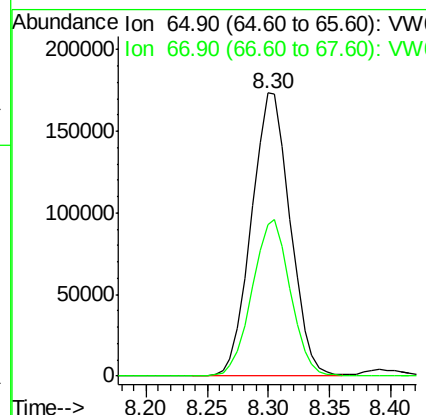
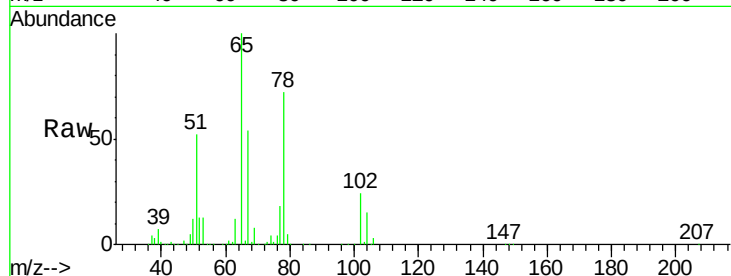
#33
 1,2-Dichloroethane-d4
 Concen: 46.802 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.6	0.0	108.4	

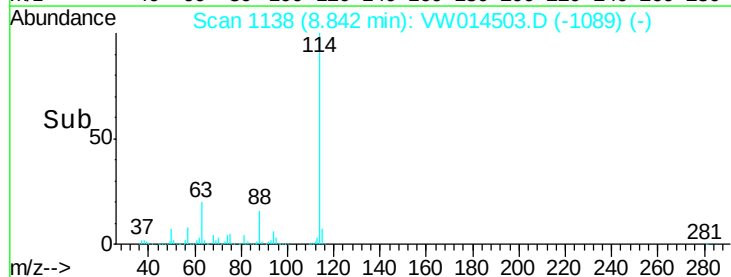
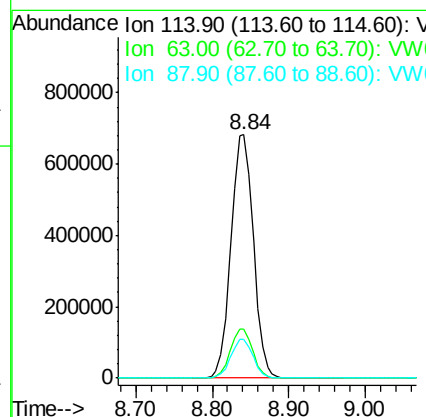
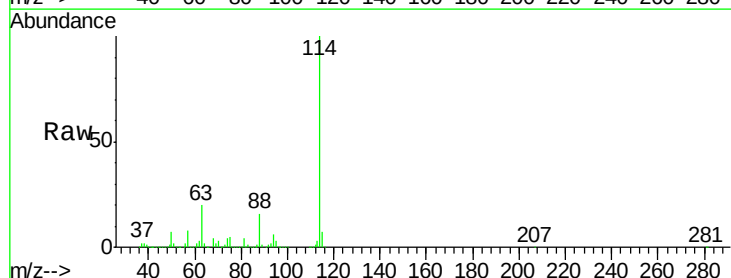
Manual Integrations
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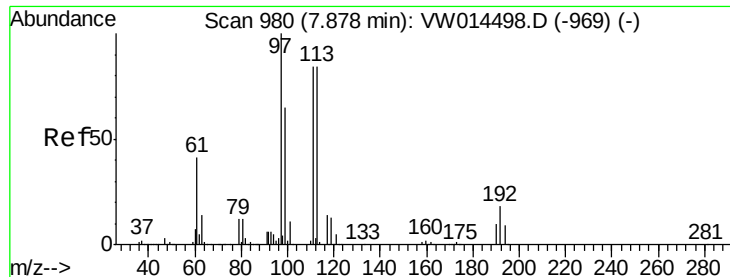
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.1	0.0	40.4	
88	15.7	0.0	30.6	





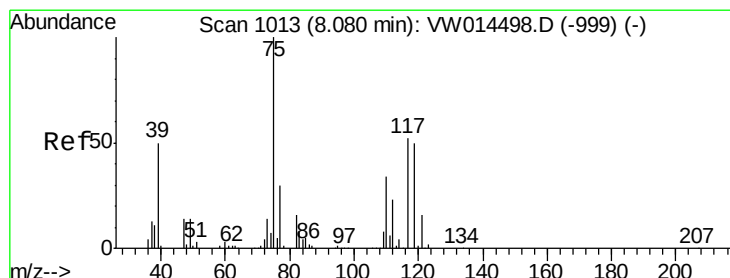
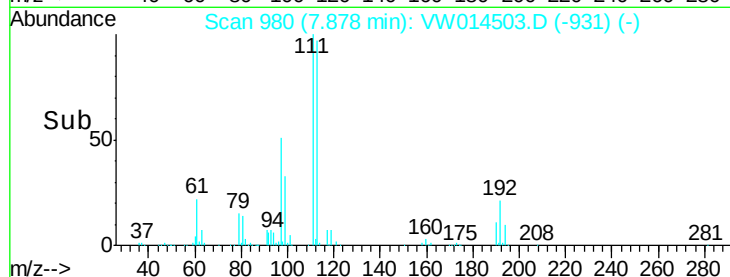
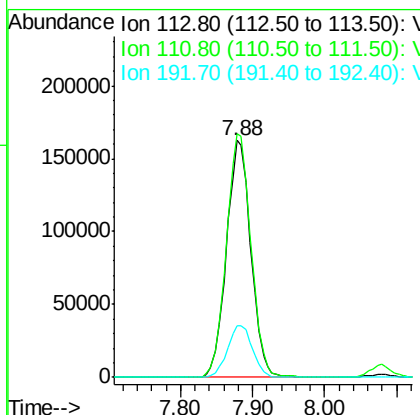
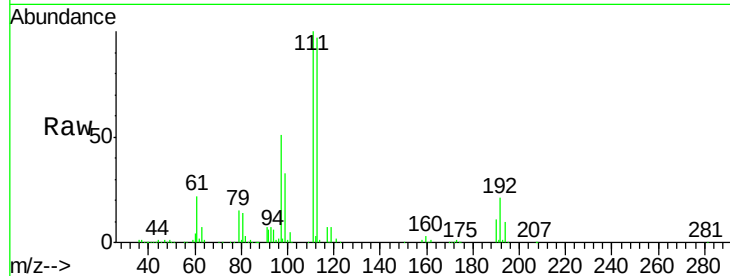
#35
 Dibromofluoromethane
 Concen: 48.589 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

Instrument :
 MSVOA_W
 ClientSampled :
 VW0103SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	22.3	17.8	26.8

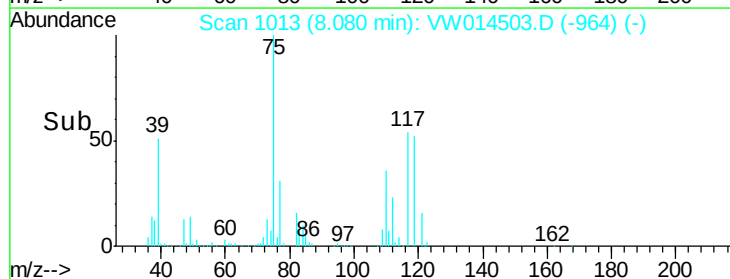
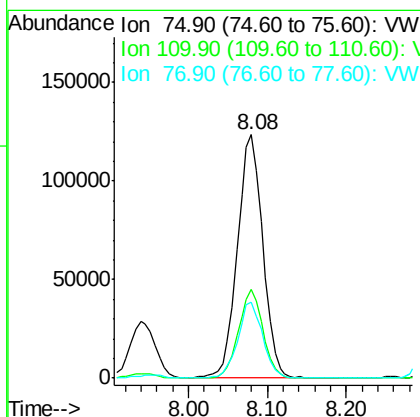
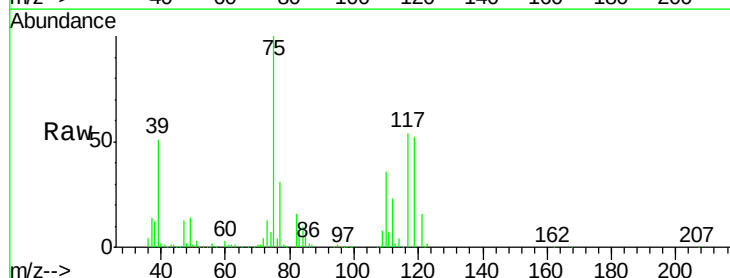
Manual Integrations
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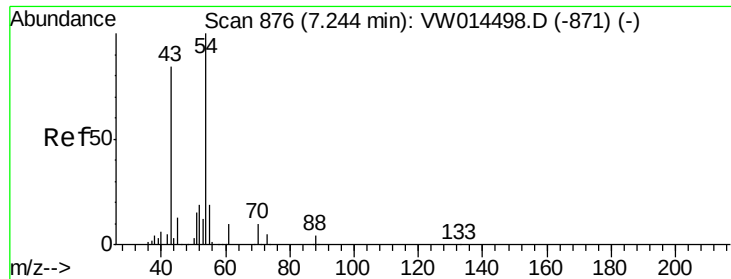
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.693 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.8	53.5
77	31.0	24.7	37.1





#37

Ethyl Acetate

Concen: 19.478 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

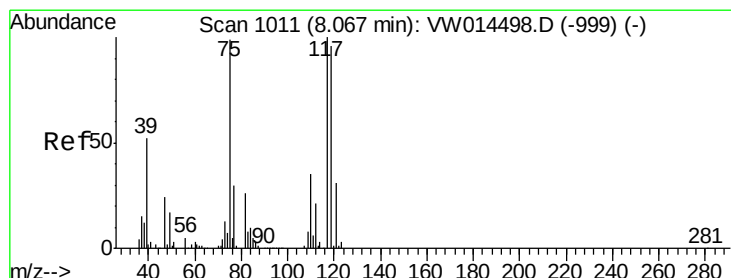
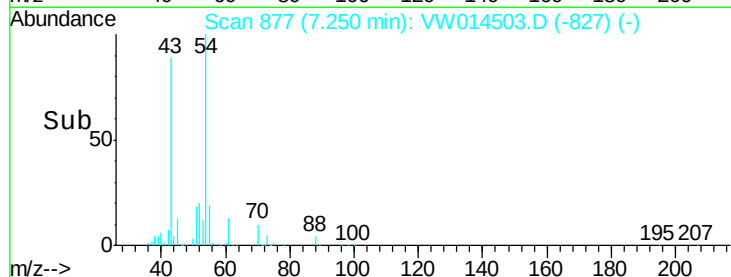
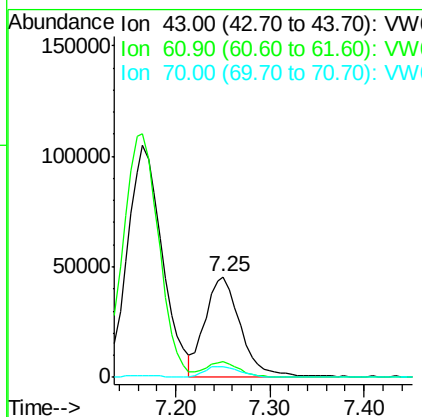
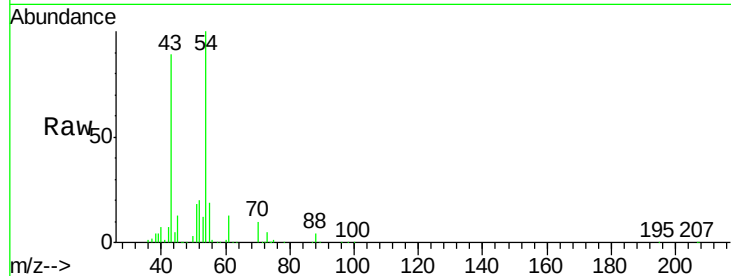
ClientSampled :

VW0103SBS01

Tot Ion:	43	Resp:	117562
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.7	17.5
70	11.4	9.0	13.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 20.878 ug/l

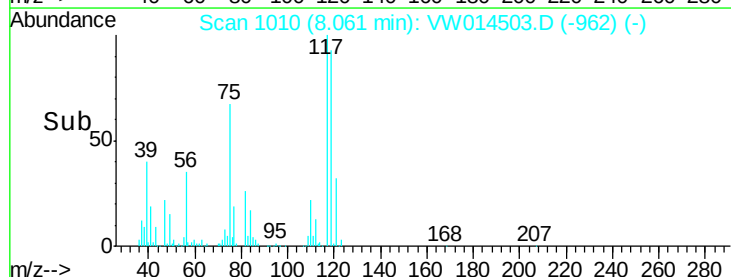
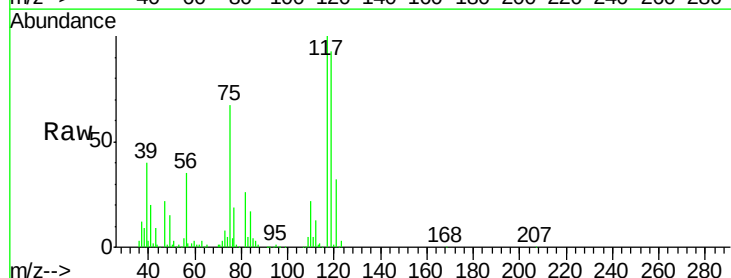
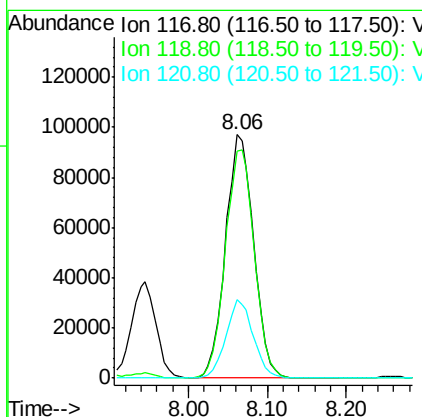
RT: 8.06 min Scan# 1010

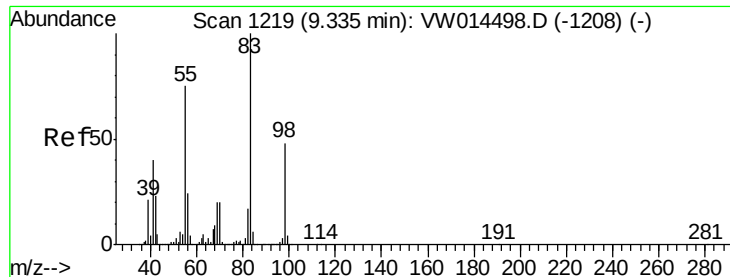
Delta R.T. -0.01 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Tgt Ion:	117	Resp:	241049
Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.0	115.6
121	32.3	24.6	36.8





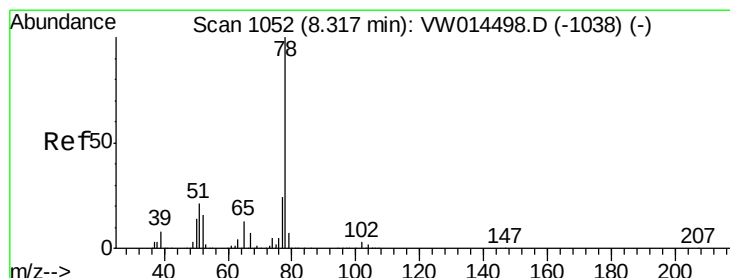
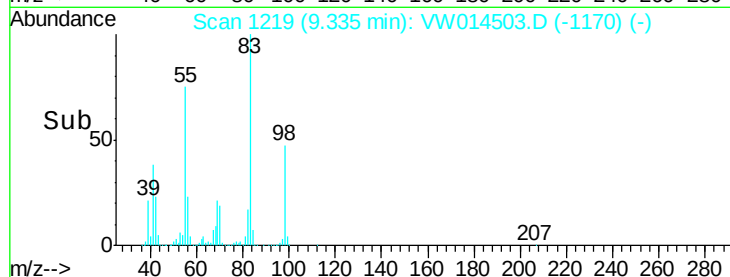
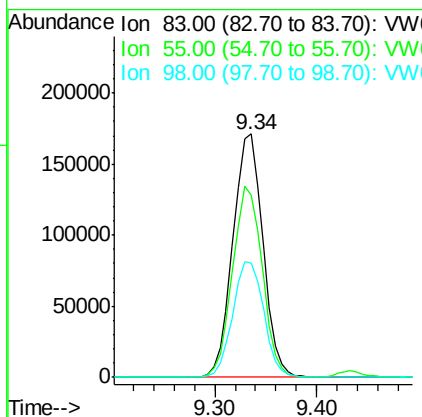
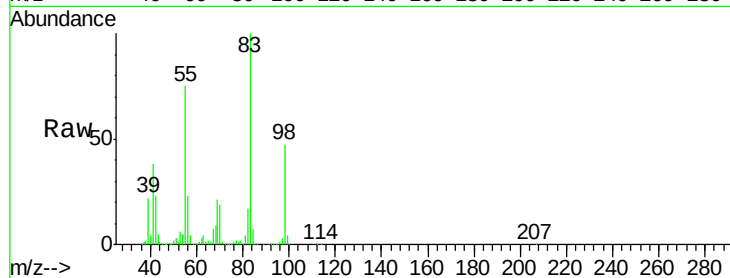
#39
Methylvlcyclohexane
Concen: 20.436 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.7	60.1	90.1
98	47.2	38.8	58.2

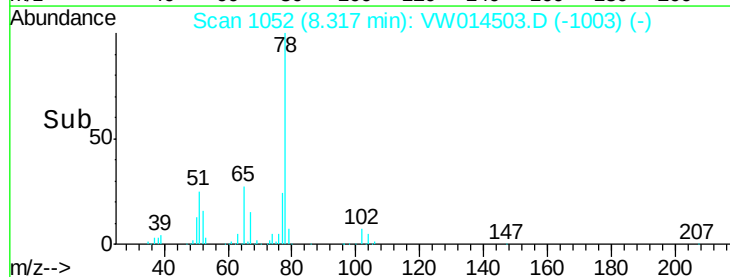
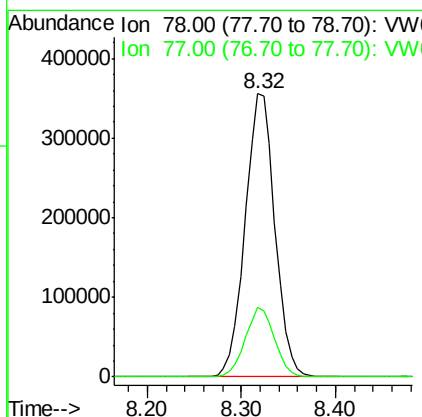
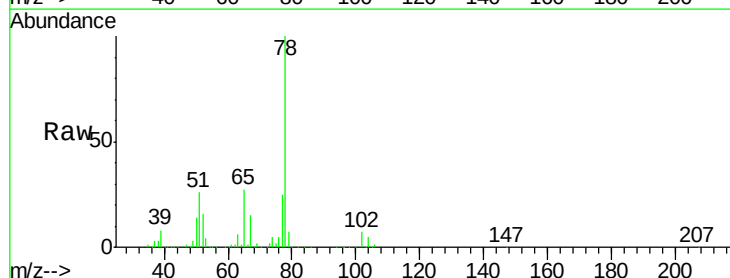
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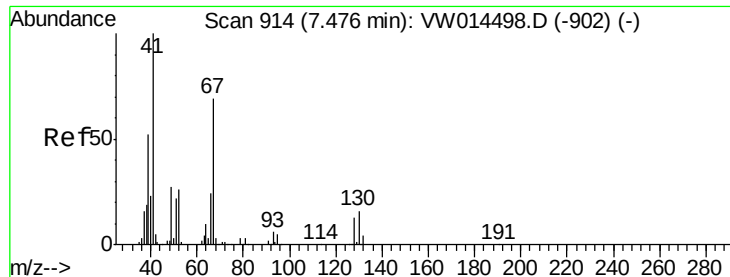
apatel
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#40
Benzene
Concen: 20.972 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.3	28.9





#41

Methacrylonitrile

Concen: 18.109 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.01 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

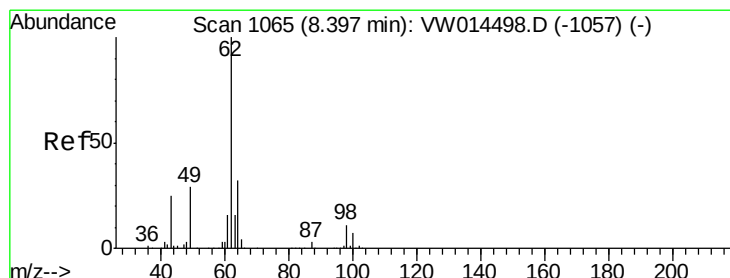
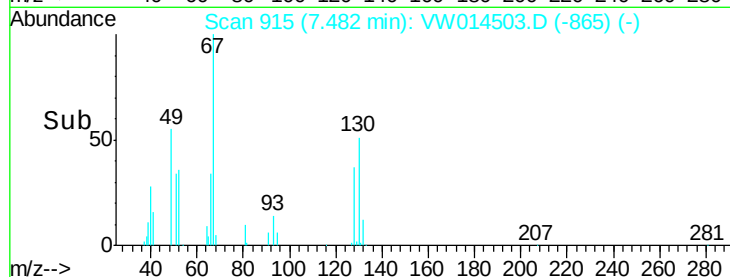
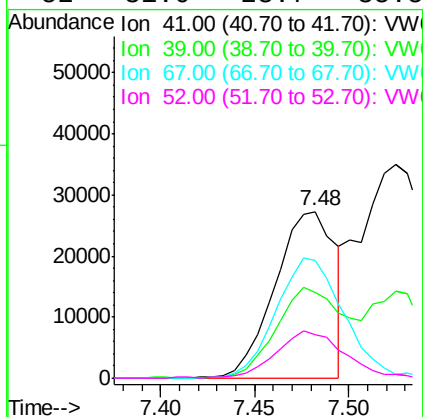
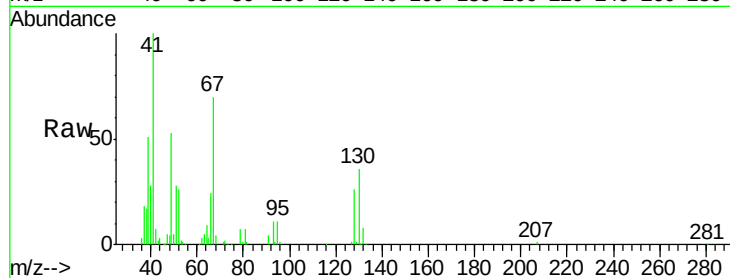
ClientSampled :

VW0103SBS01

Tot Ion:	41	Resp:	60929
Ion	Ratio	Lower	Upper
41	100		
39	64.1	46.0	69.0
67	80.8	60.8	91.2
52	31.0	23.7	35.5

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#42

1,2-Dichloroethane

Concen: 20.437 ug/l

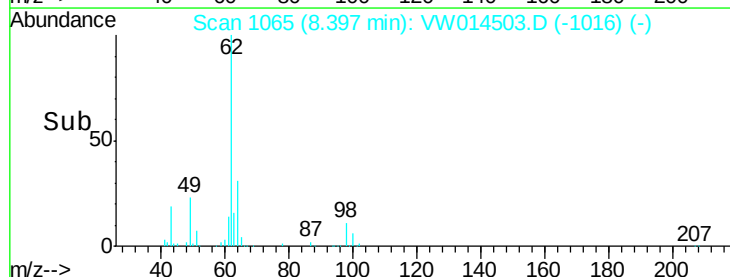
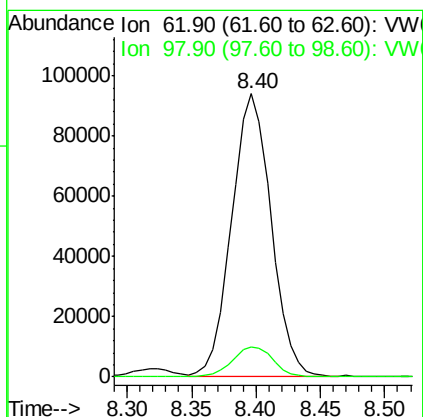
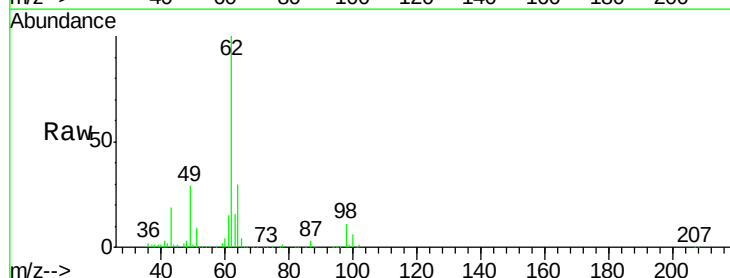
RT: 8.40 min Scan# 1065

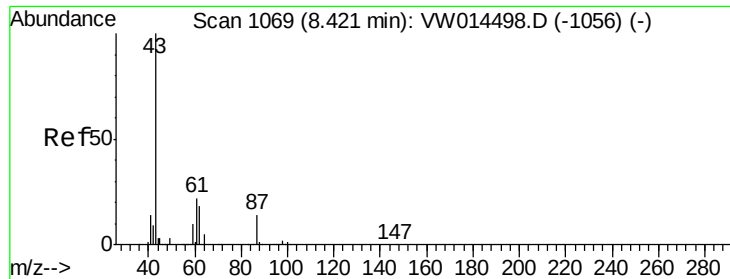
Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Tgt Ion:	62	Resp:	199698
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.0





#43

Isopropyl Acetate

Concen: 19.692 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

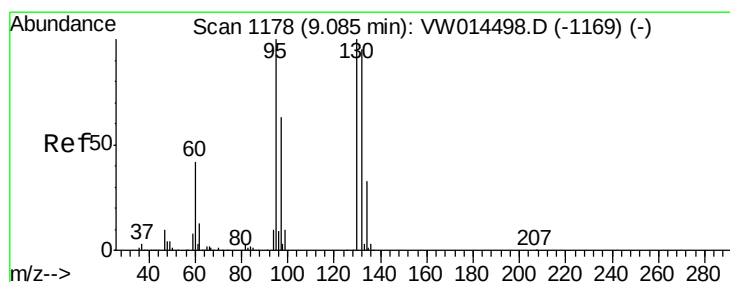
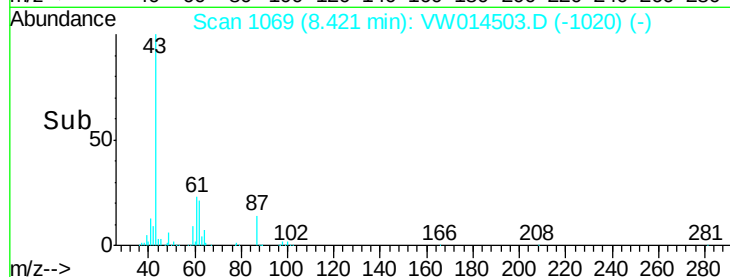
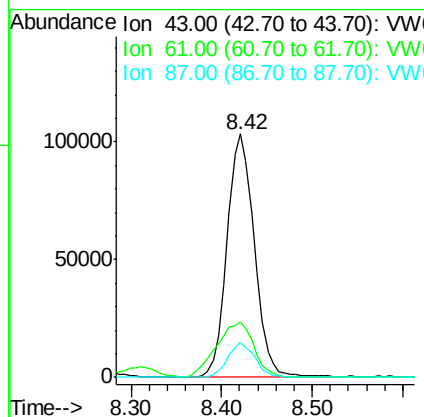
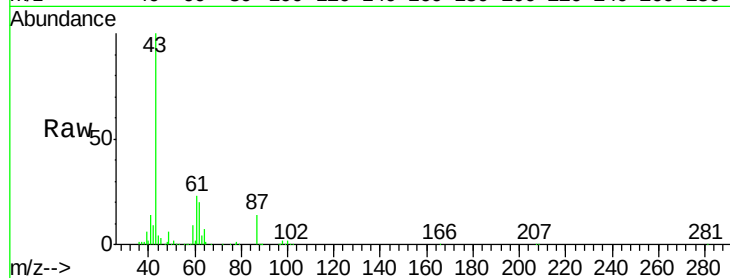
ClientSampled :

VW0103SBS01

Tot Ion:	43	Resp:	215834
Ion	Ratio	Lower	Upper
43	100		
61	31.2	24.7	37.1
87	14.4	11.1	16.7

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#44

Trichloroethene

Concen: 20.807 ug/l

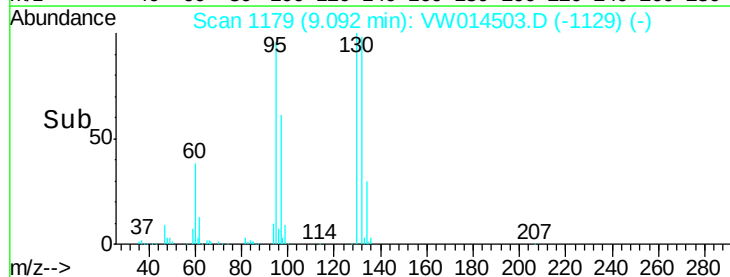
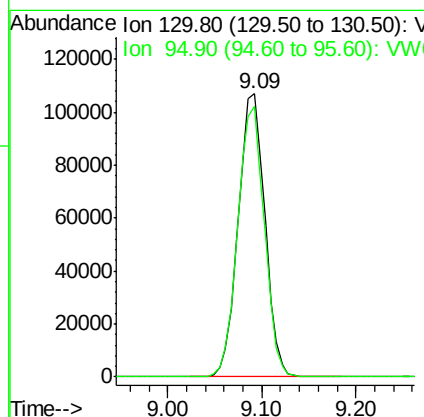
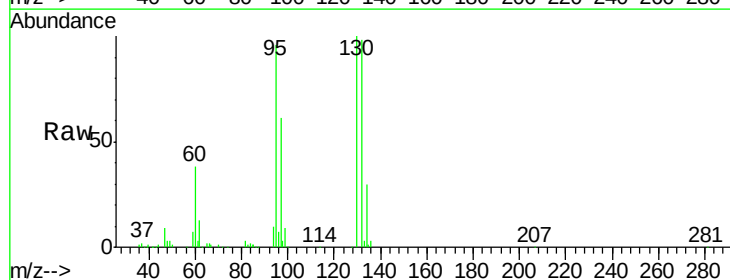
RT: 9.09 min Scan# 1179

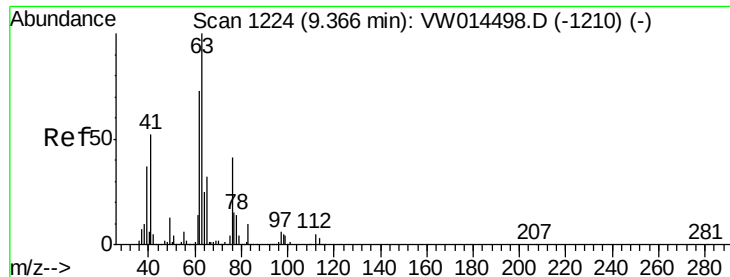
Delta R.T. 0.01 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Tgt Ion:	130	Resp:	211996
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	199.4





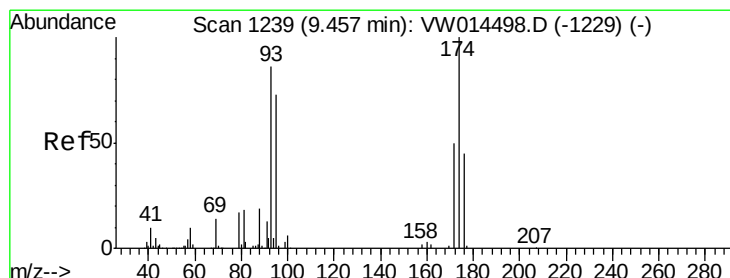
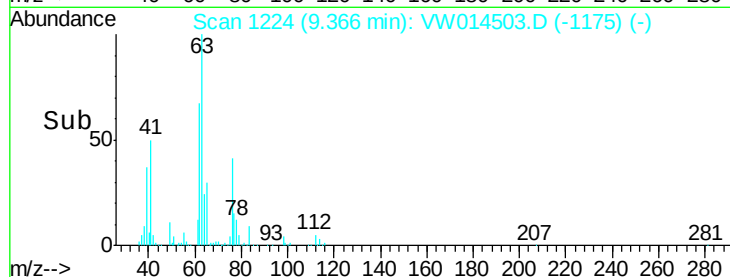
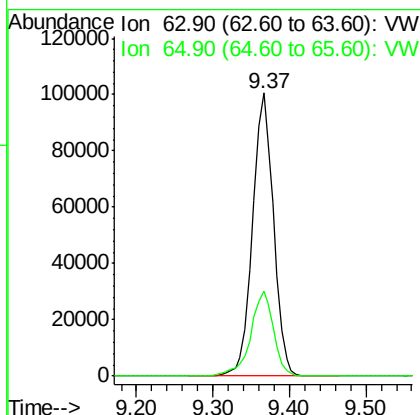
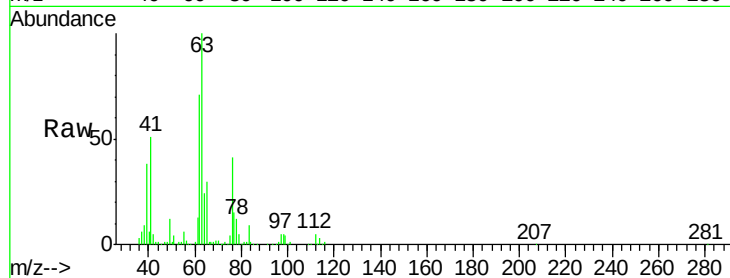
#45
 1,2-Dichloropropane
 Concen: 20.916 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

Instrument :
 MSVOA_W
 ClientSampled :
 VW0103SBS01

Tot Ion	63	Resp	193259
Ion	Ratio	Lower	Upper
63	100		
65	30.0	25.6	38.4

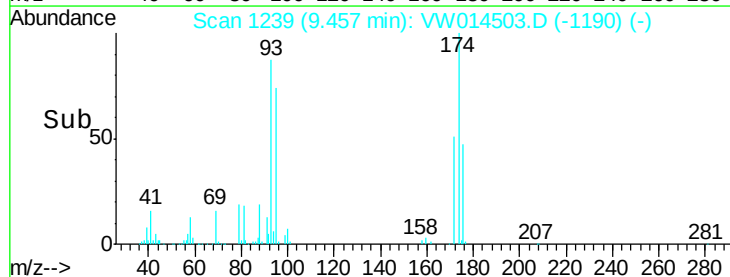
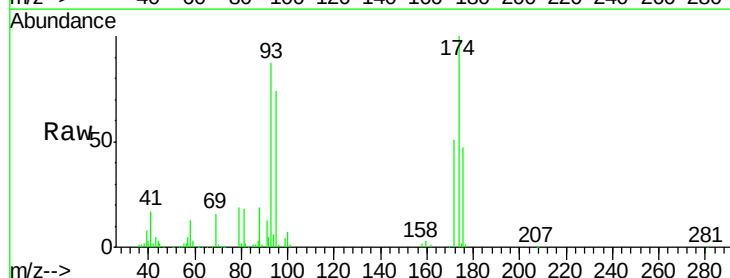
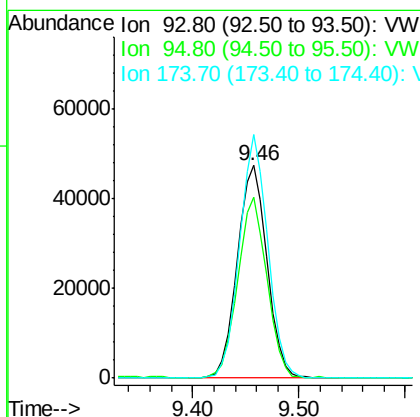
Manual Integrations
 APPROVED

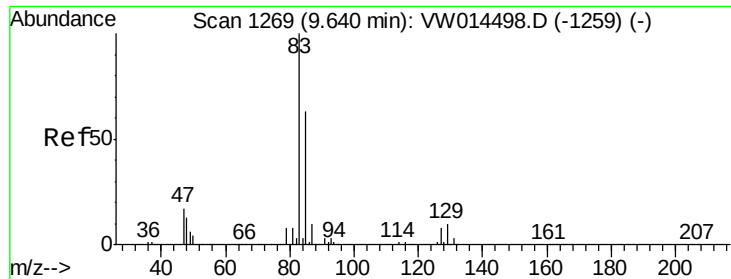
apatel
 1/6/2020 10:43:33 AM



#46
 Dibromomethane
 Concen: 20.440 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

Tgt Ion	93	Resp	93236
Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.4	99.6
174	109.0	89.1	133.7





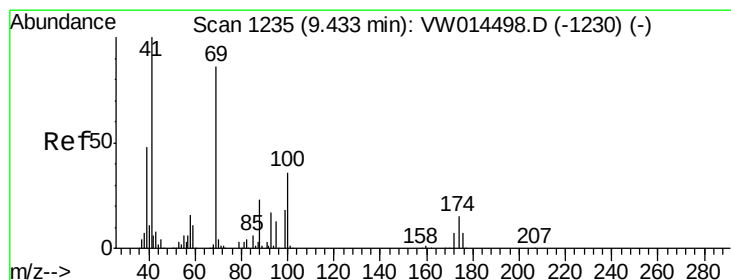
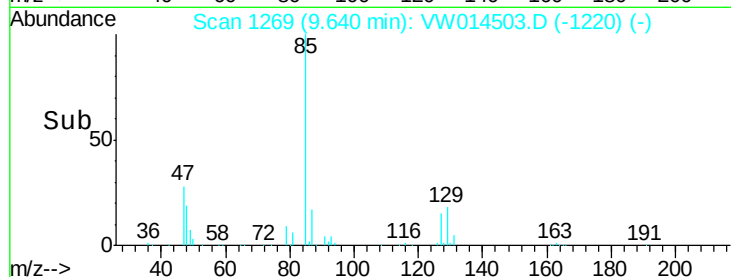
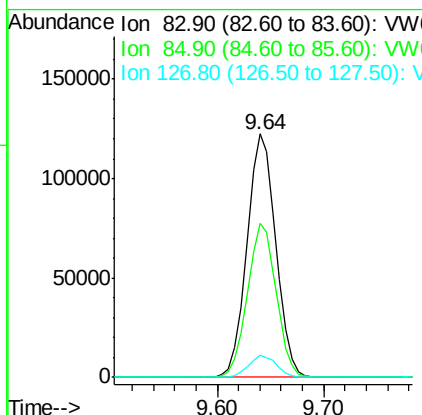
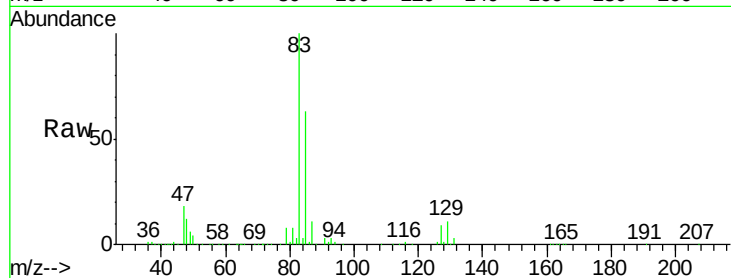
#47
Bromodichloromethane
Concen: 20.628 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampled :
VW0103SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	232302		
85	63.1	50.6	76.0	
127	9.1	6.6	9.8	

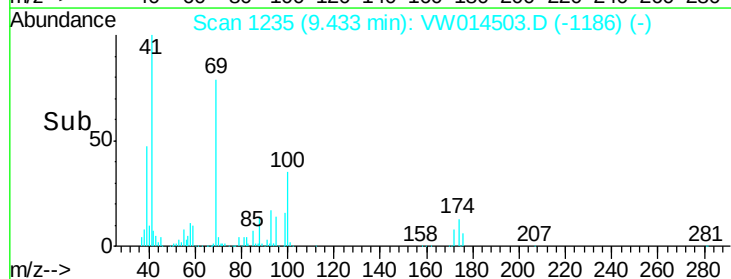
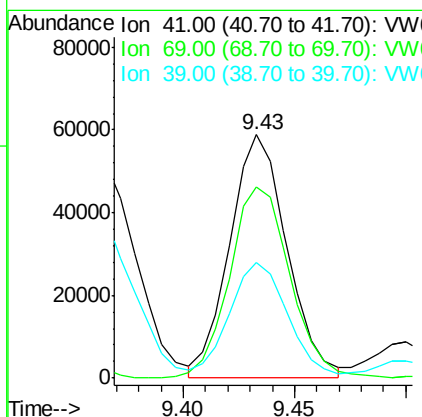
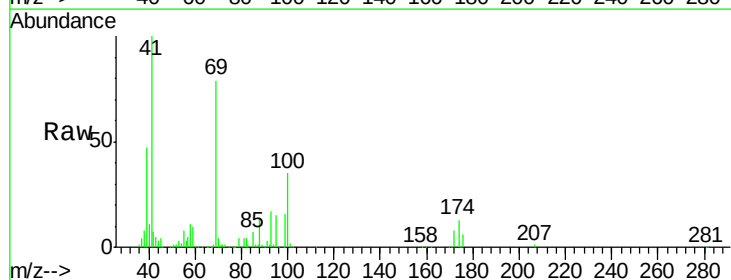
Manual Integrations
APPROVED

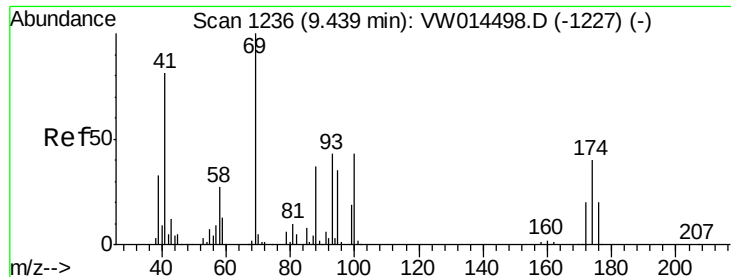
apatel
1/6/2020 10:43:33 AM



#48
Methyl methacrylate
Concen: 19.614 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	104958		
69	82.8	68.3	102.5	
39	45.5	36.8	55.2	





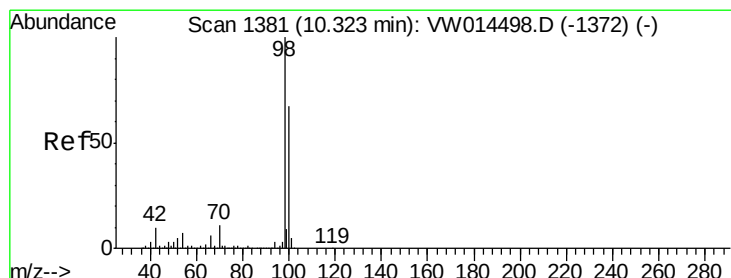
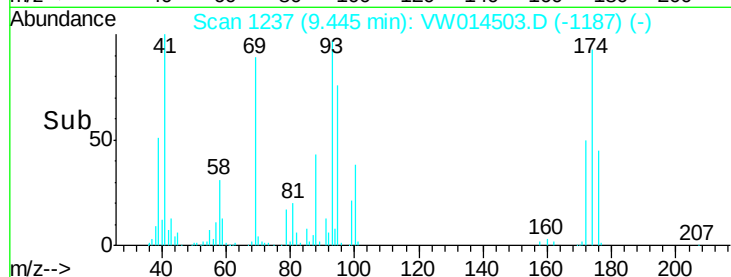
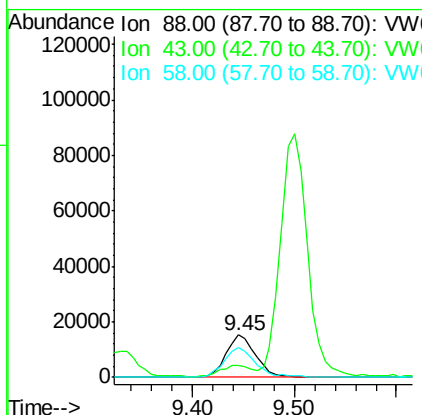
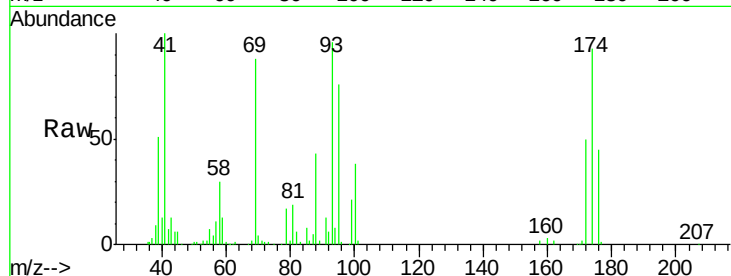
#49
1,4-Dioxane
Concen: 359.667 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.9	24.9	37.3
58	75.4	56.9	85.3

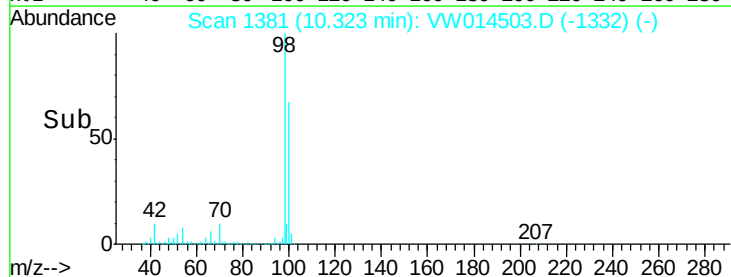
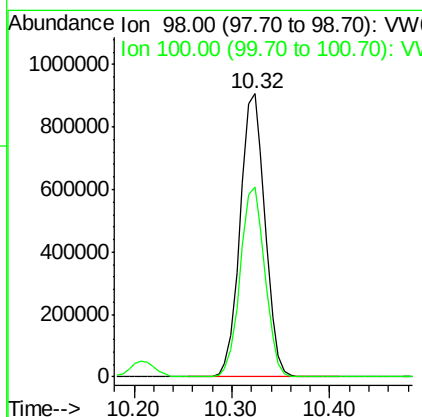
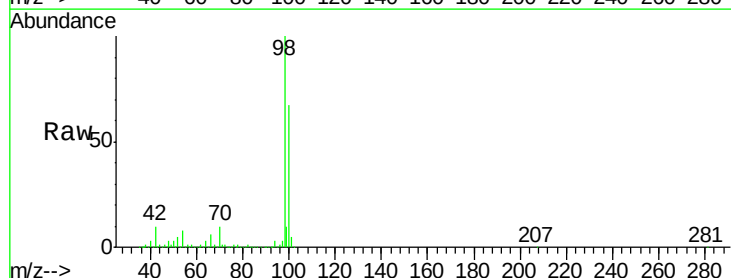
Manual Integrations
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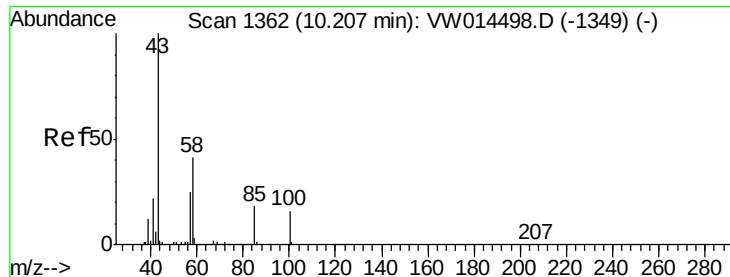
apatel
1/6/2020 10:43:33 AM



#50
Toluene-d8
Concen: 48.498 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.8	80.6





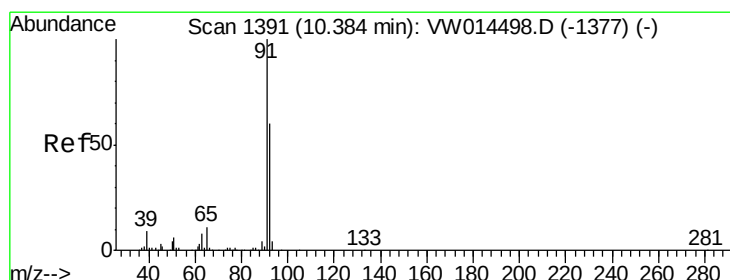
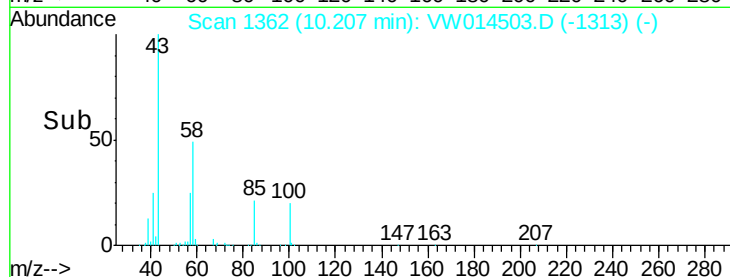
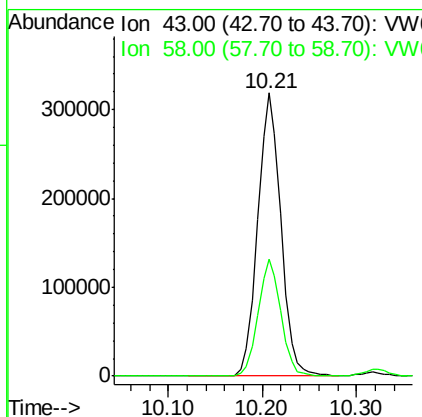
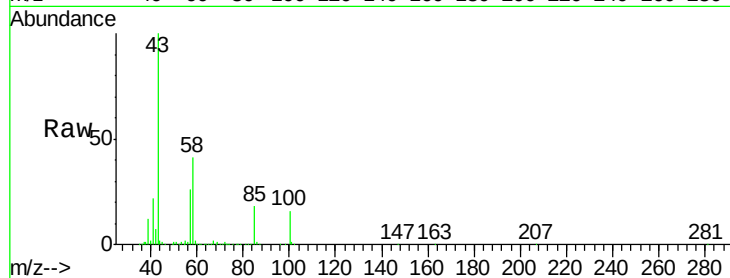
#51
4-Methyl-2-Pentanone
Concen: 97.022 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampled :
VW0103SBS01

Tot Ion: 43 Resp: 552217
Ion Ratio Lower Upper
43 100
58 40.8 32.7 49.1

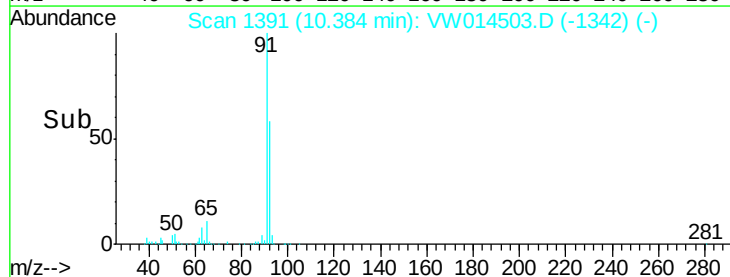
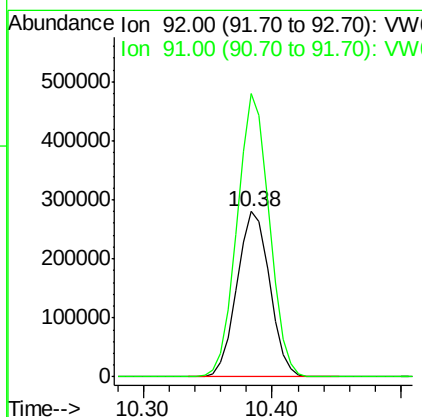
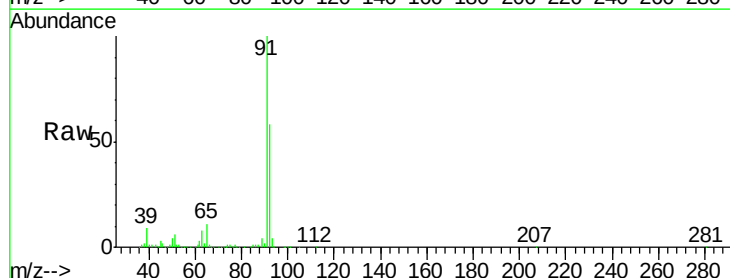
Manual Integrations
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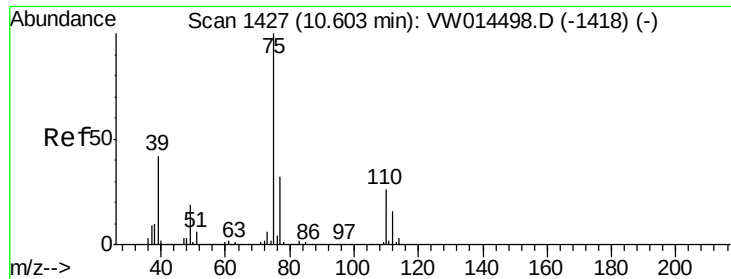
apatel
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#52
Toluene
Concen: 20.805 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion: 92 Resp: 492846
Ion Ratio Lower Upper
92 100
91 168.3 134.1 201.1





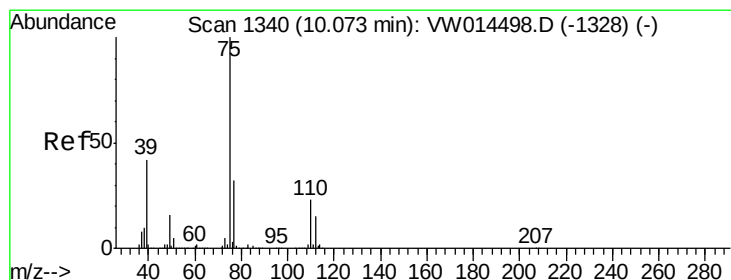
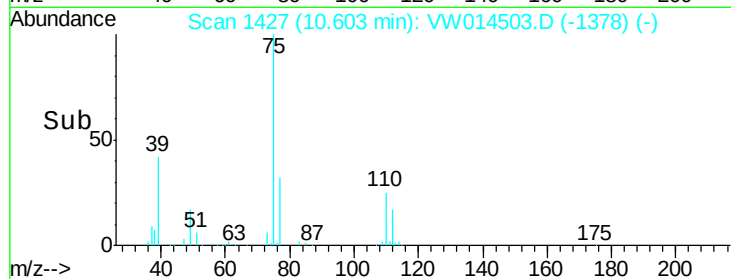
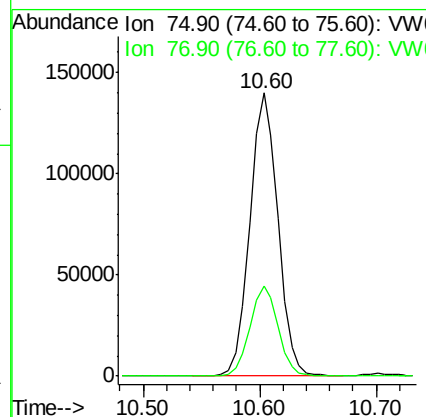
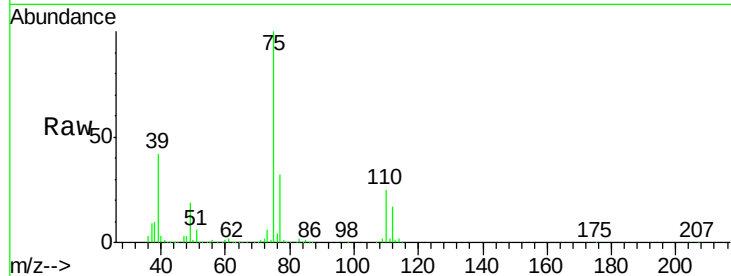
#53
t-1,3-Dichloropropene
Concen: 20.185 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2

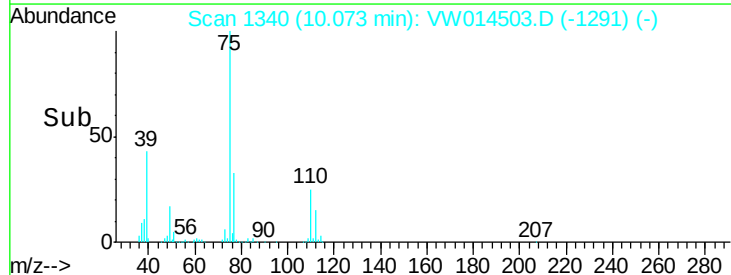
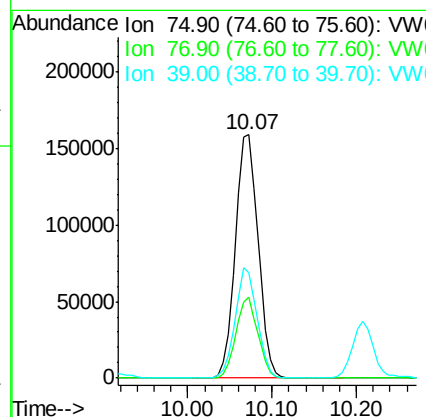
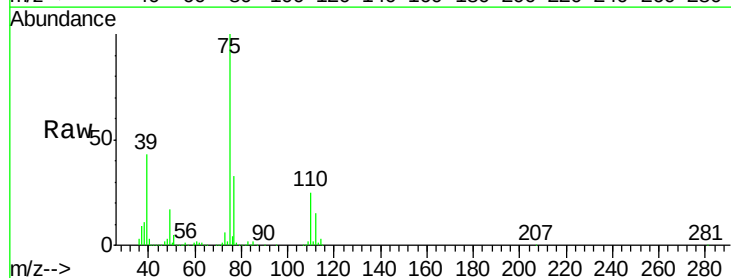
Manual Integrations
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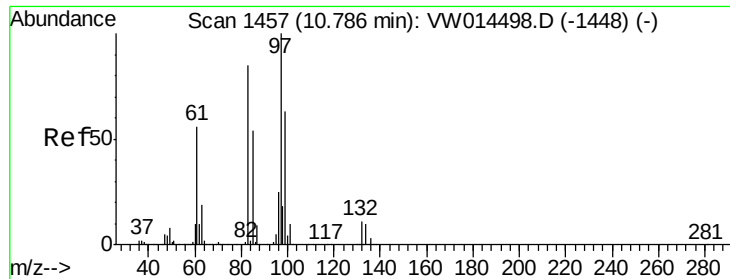
apatel
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#54
cis-1,3-Dichloropropene
Concen: 20.472 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.4	38.0
39	43.4	33.4	50.2





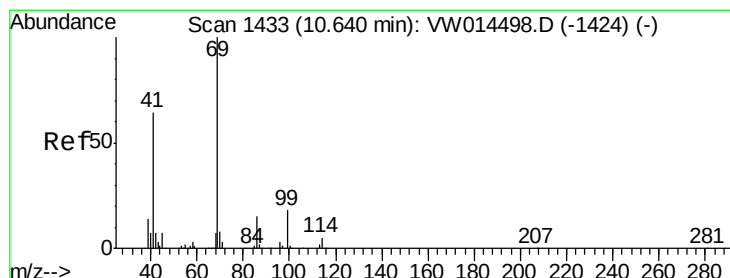
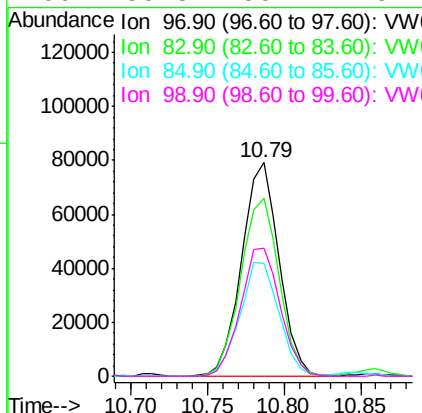
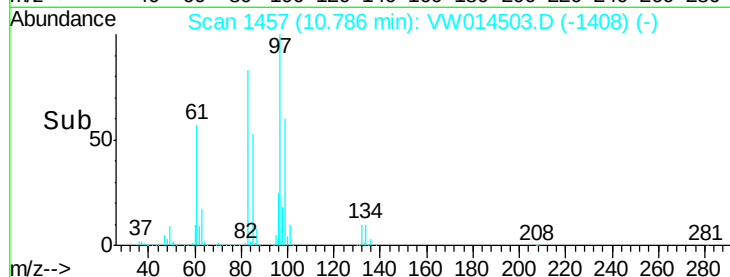
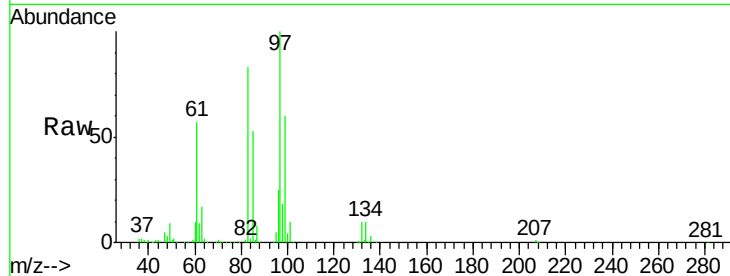
#55
 1,1,2-Trichloroethane
 Concen: 20.137 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

Instrument :
 MSVOA_W
 ClientSampled :
 VW0103SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		134151		
83	83.4	68.2	102.4		
85	53.1	43.0	64.4		
99	59.8	50.1	75.1		

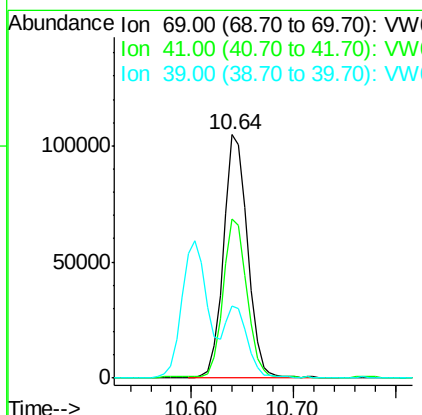
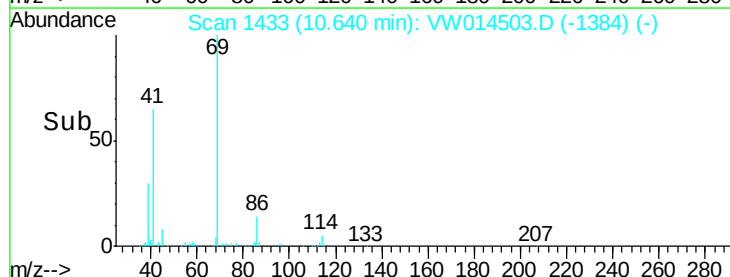
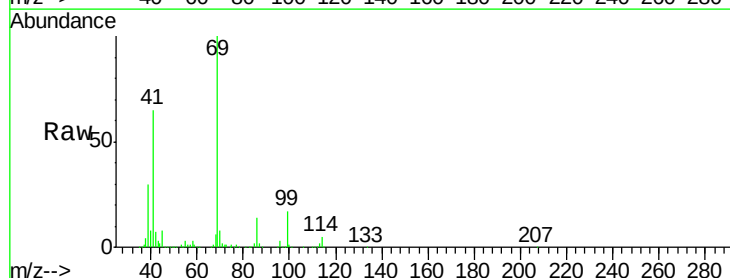
Manual Integrations
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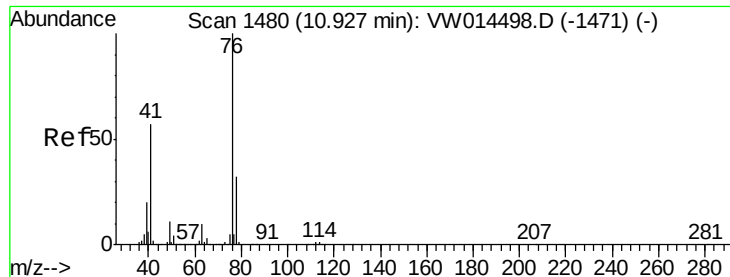
apatel
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#56
 Ethyl methacrylate
 Concen: 19.850 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		171857		
41	64.3	51.3	76.9		
39	26.9	21.0	31.6		





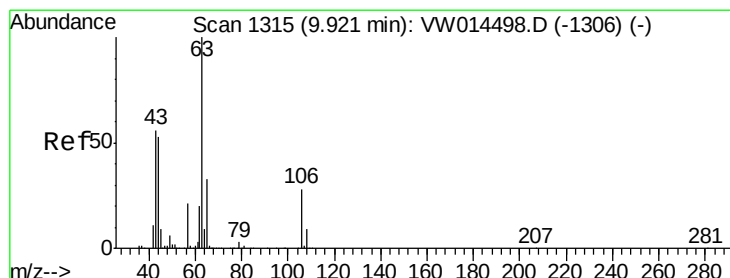
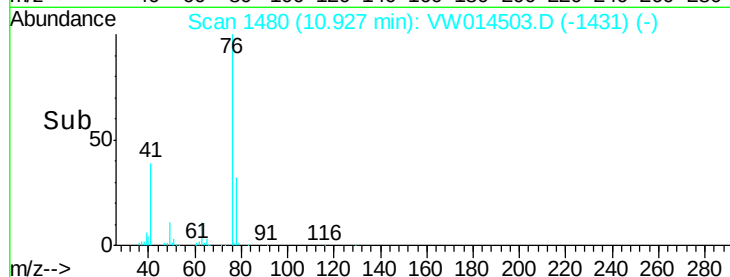
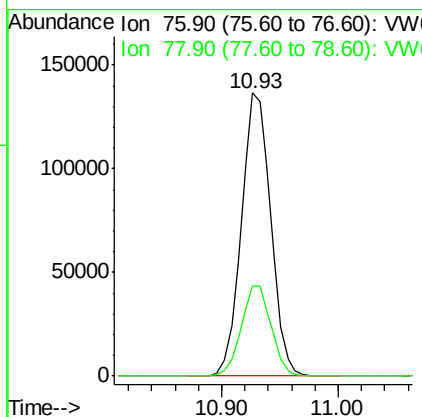
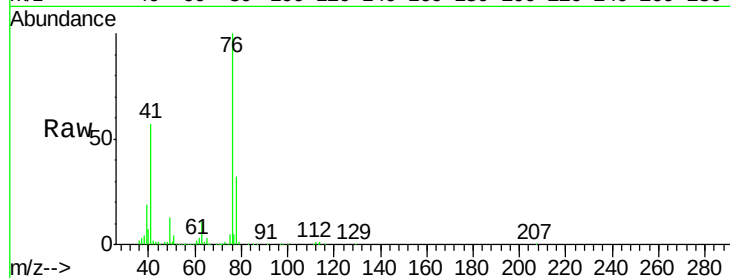
#57
 1,3-Dichloropropane
 Concen: 20.502 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

Instrument :
 MSVOA_W
 ClientSampled :
 VW0103SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.9	38.9

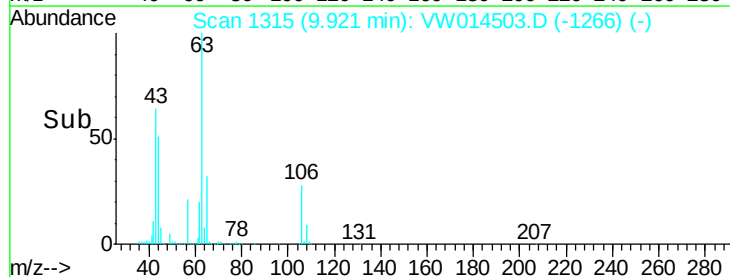
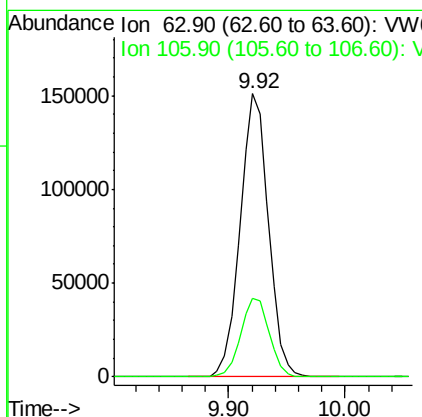
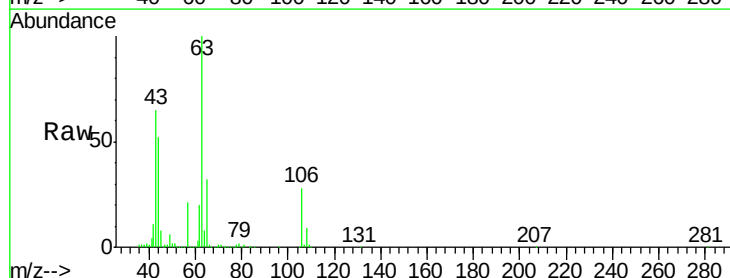
Manual Integrations
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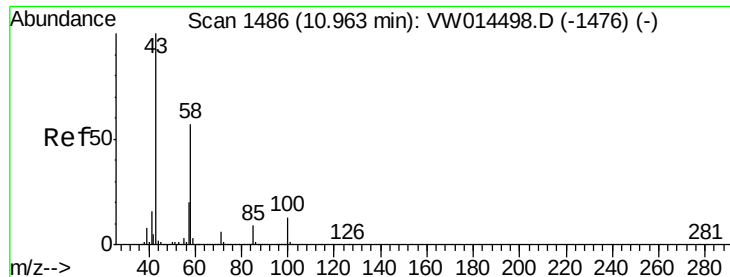
apatel
 1/6/2020 10:43:33 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.215 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	23.0	34.6





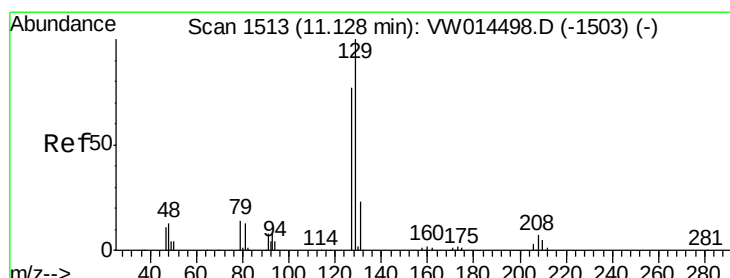
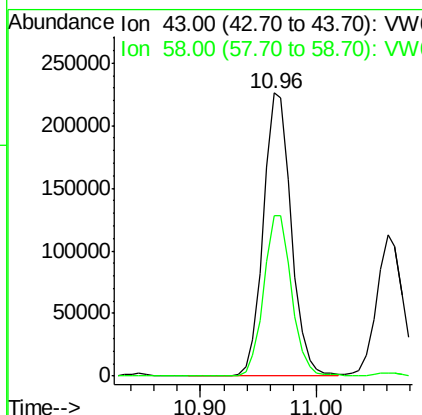
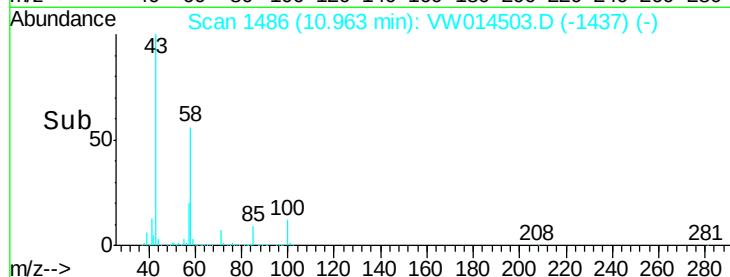
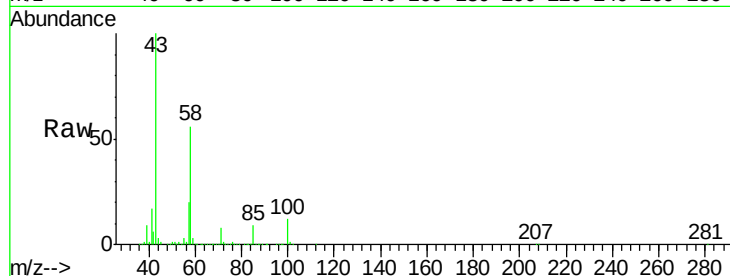
#59
2-Hexanone
Concen: 96.378 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampled :
VW0103SBS01

Tot Ion: 43 Resp: 378002
Ion Ratio Lower Upper
43 100
58 56.6 28.7 86.3

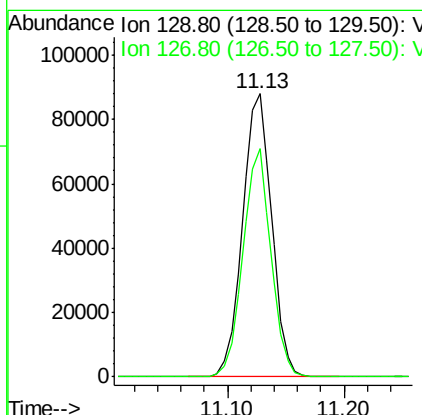
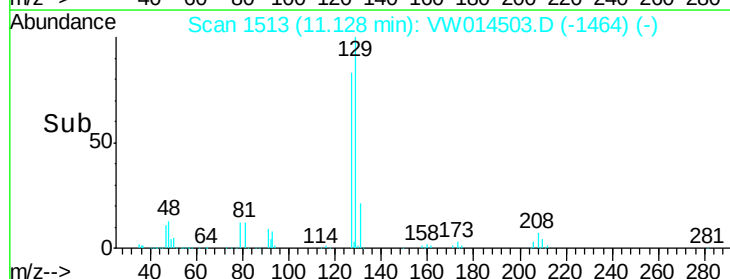
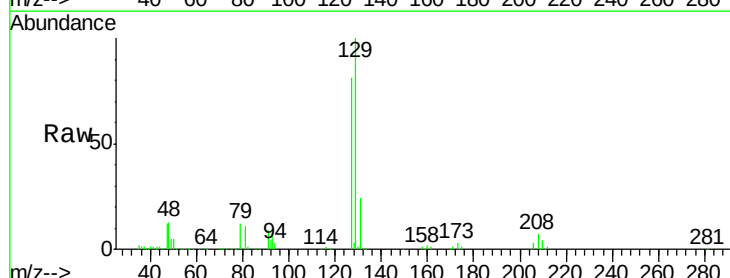
Manual Integrations
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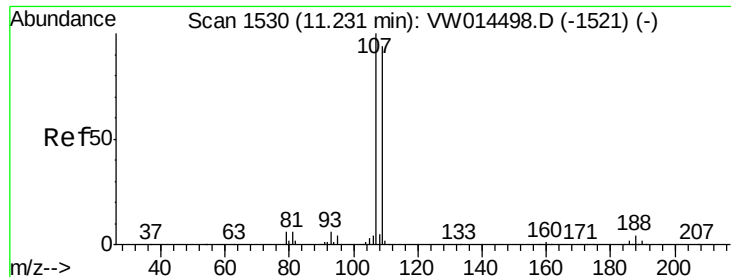
apatel
1/6/2020 10:43:33 AM



#60
Dibromochloromethane
Concen: 20.387 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion:129 Resp: 153239
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.5





#61

1,2-Dibromoethane

Concen: 20.284 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBS01

Tot Ion: 107 Resp: 128270

Ion Ratio Lower Upper

107 100

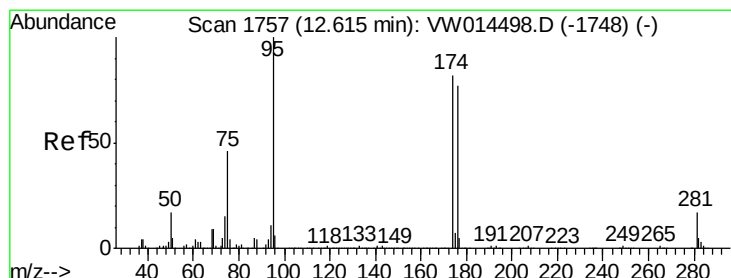
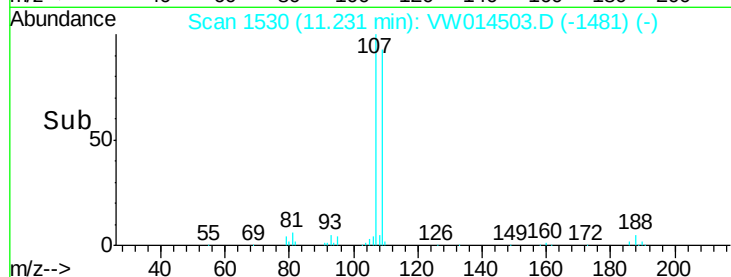
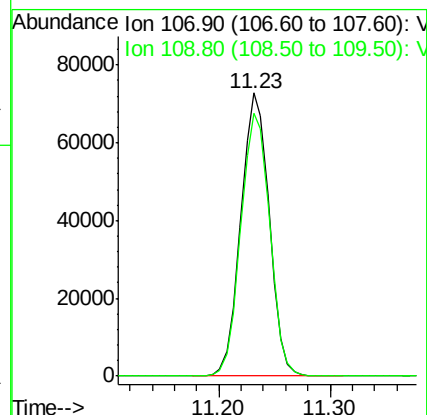
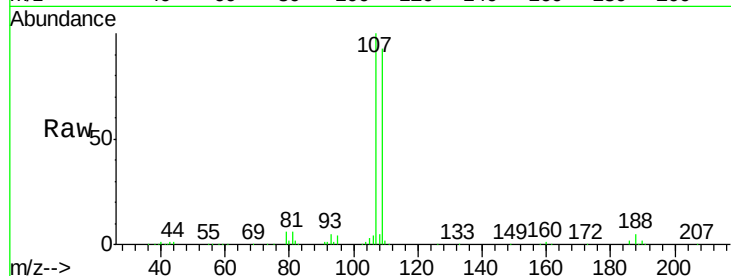
109 95.0 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 47.671 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

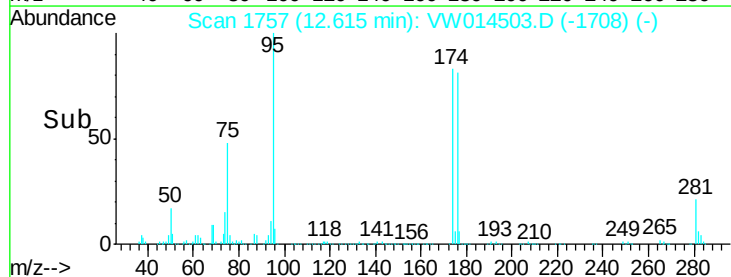
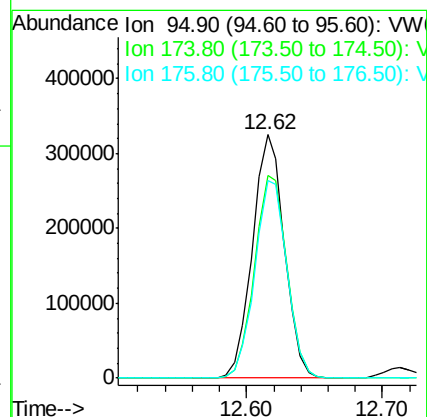
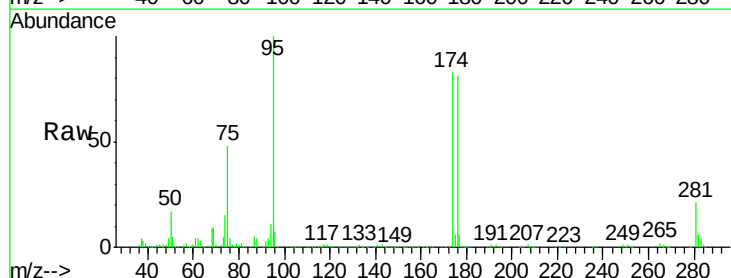
Tgt Ion: 95 Resp: 532380

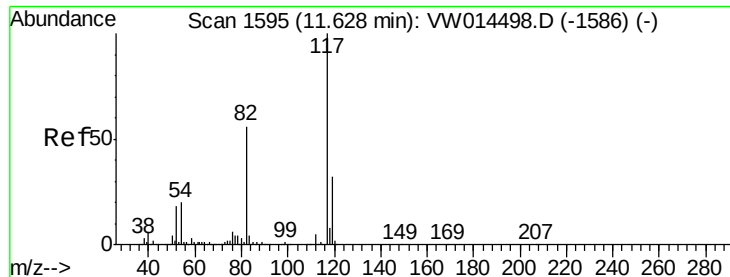
Ion Ratio Lower Upper

95 100

174 84.9 0.0 168.6

176 82.6 0.0 162.0





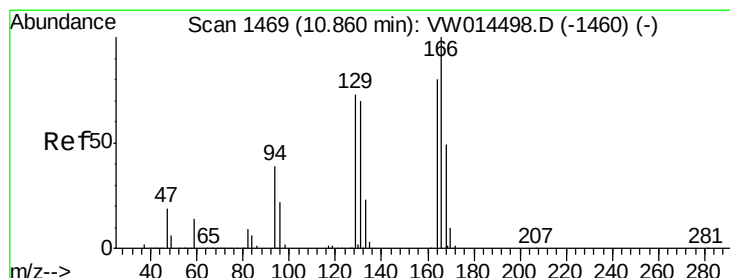
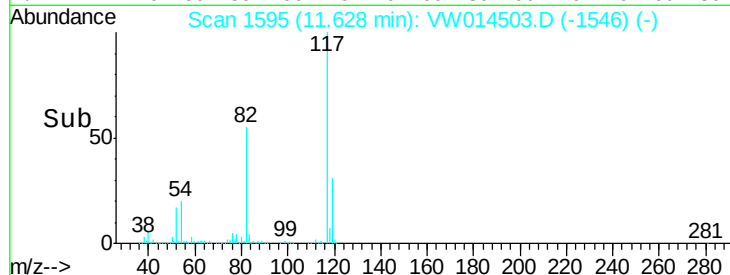
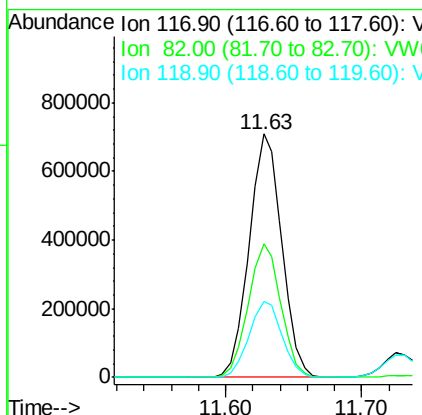
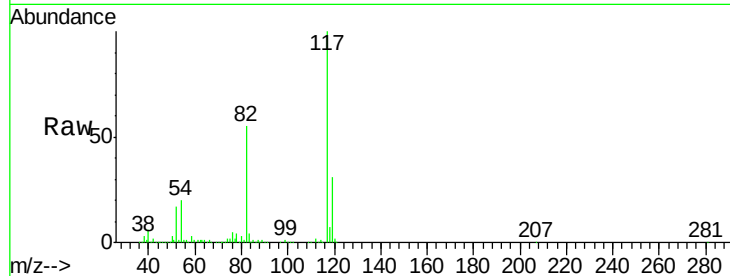
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	67.0
119	31.4	25.7	38.5

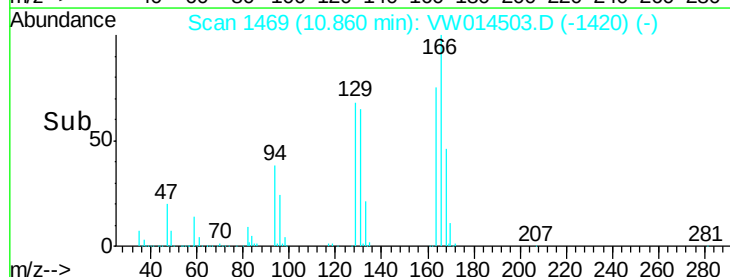
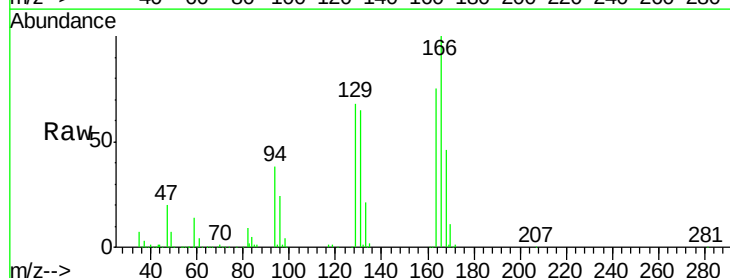
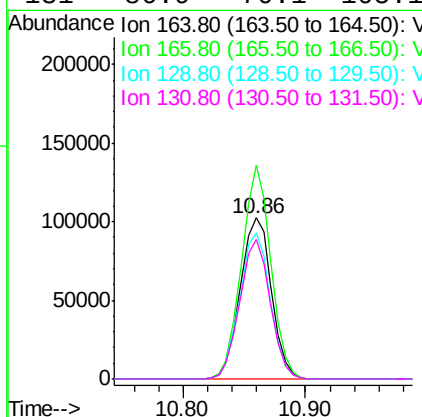
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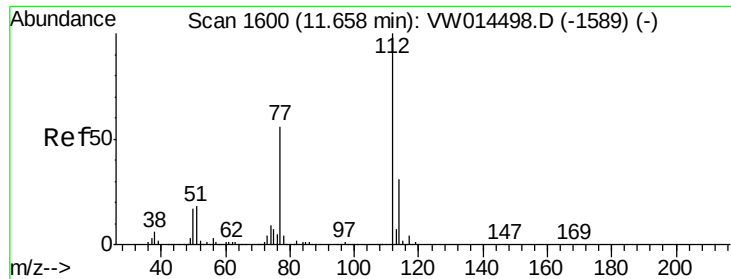
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#64
Tetrachloroethene
Concen: 20.950 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.9	99.8	149.6
129	90.7	72.4	108.6
131	86.9	70.1	105.1





#65

Chlorobenzene

Concen: 20.699 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBS01

Tot Ion:112 Resp: 505972

Ion Ratio Lower Upper

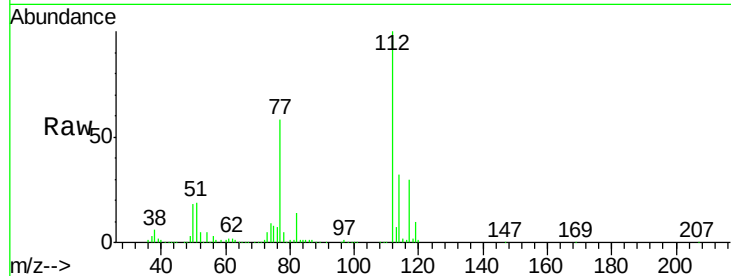
112 100

114 31.9 24.6 37.0

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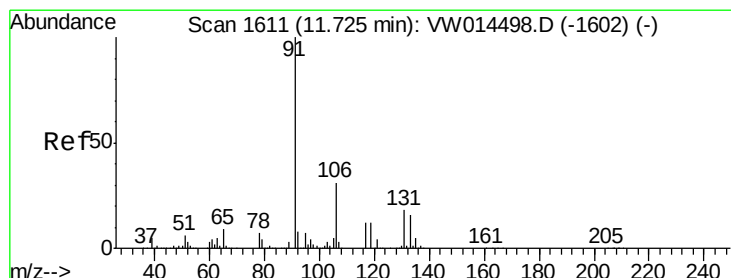
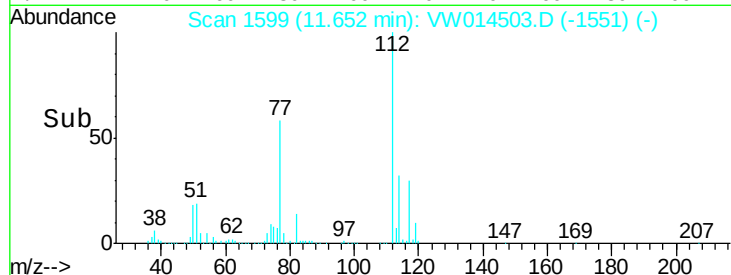
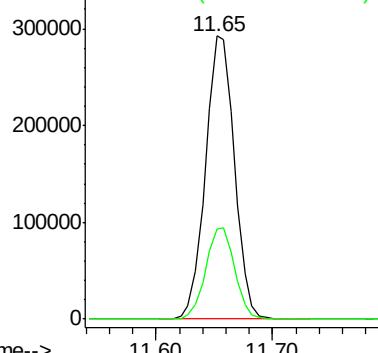
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.684 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

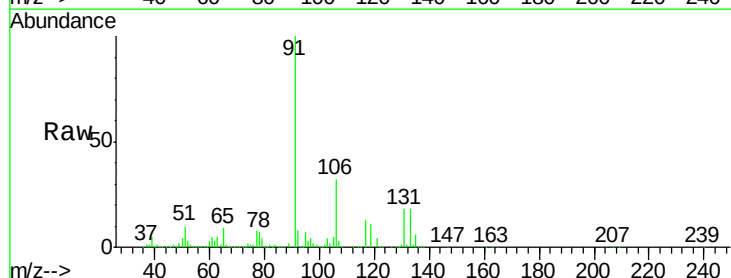
Tgt Ion:131 Resp: 170233

Ion Ratio Lower Upper

131 100

133 95.9 47.3 142.0

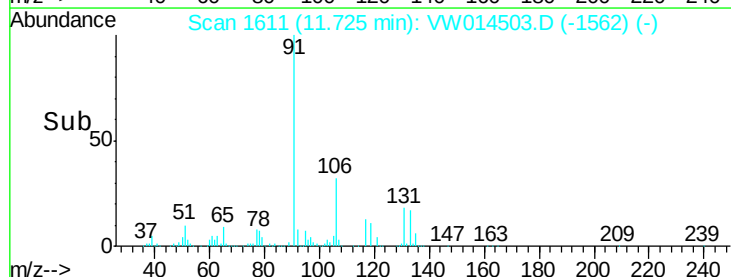
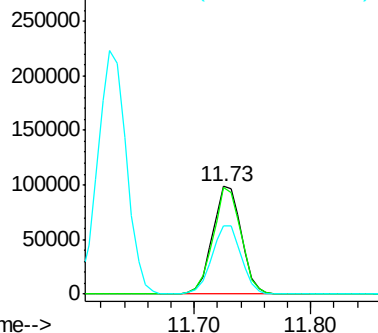
119 65.2 33.1 99.3

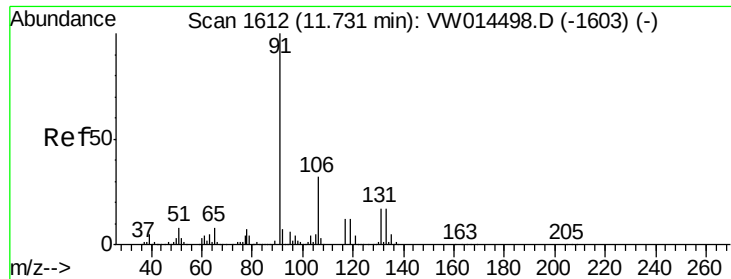


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





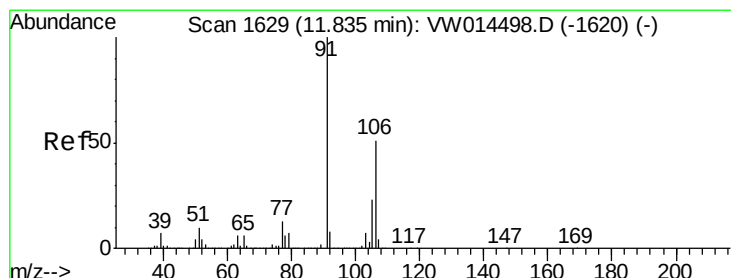
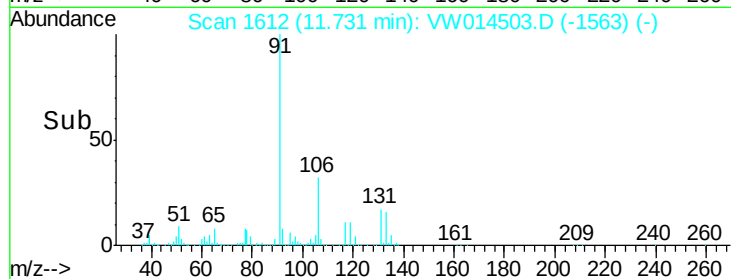
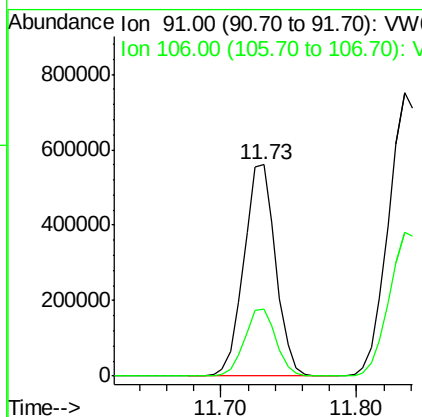
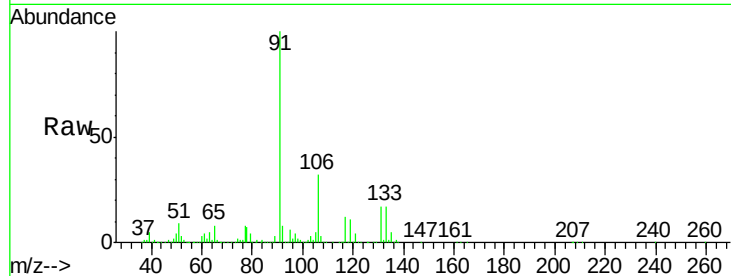
#67
Ethyl Benzene
Concen: 20.805 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampled :
VW0103SBS01

Tot Ion: 91 Resp: 916519
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3

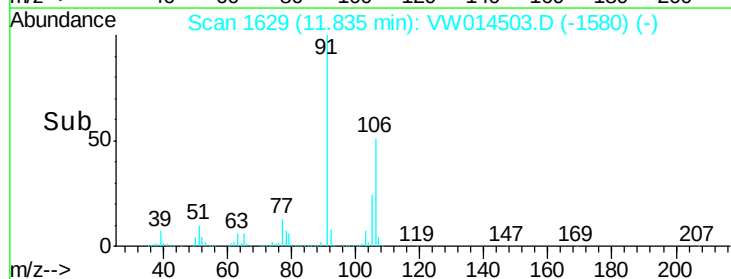
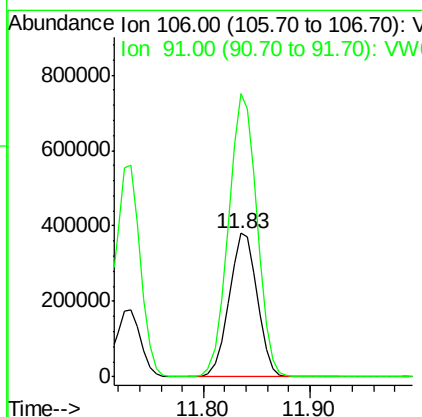
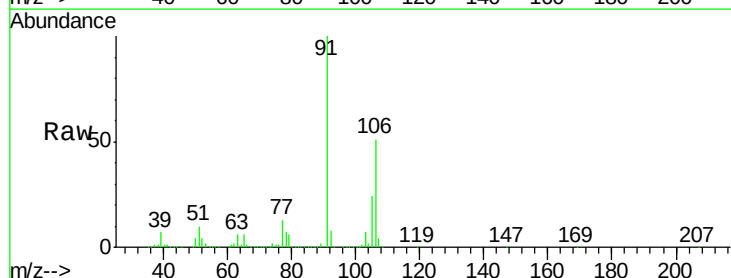
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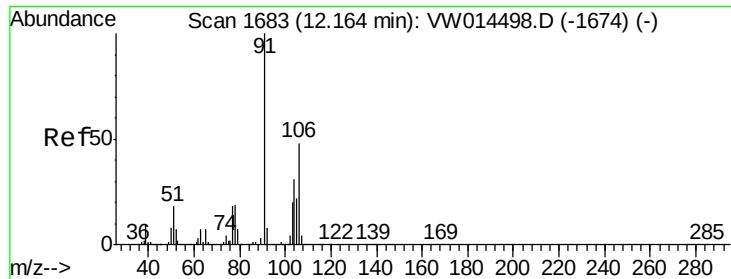
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#68
m/p-Xylenes
Concen: 41.987 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion: 106 Resp: 707894
Ion Ratio Lower Upper
106 100
91 198.2 159.0 238.6





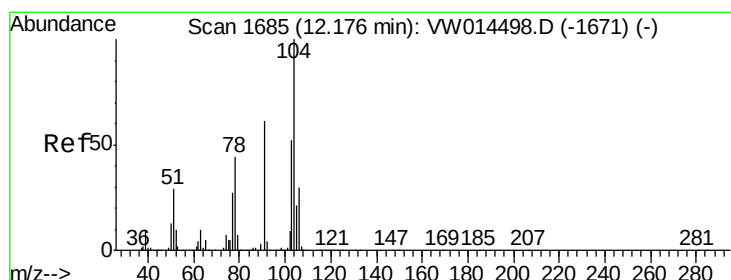
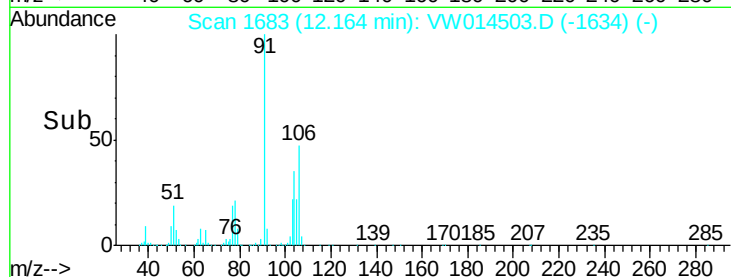
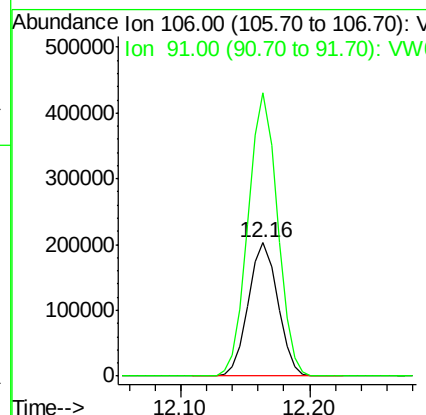
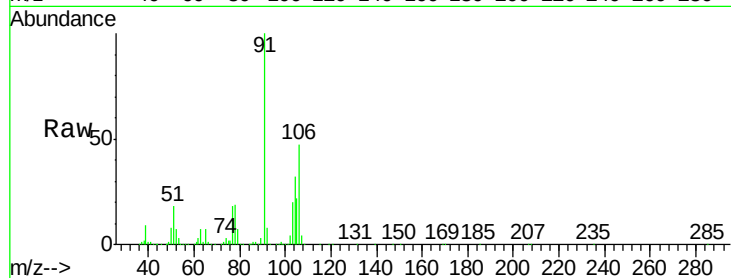
#69
o-Xylene
Concen: 20.642 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		321473		
91	210.4	105.2	315.6		

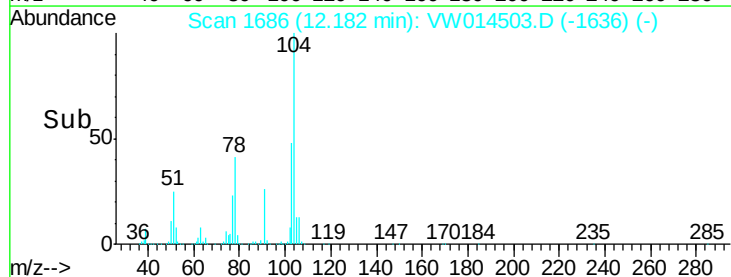
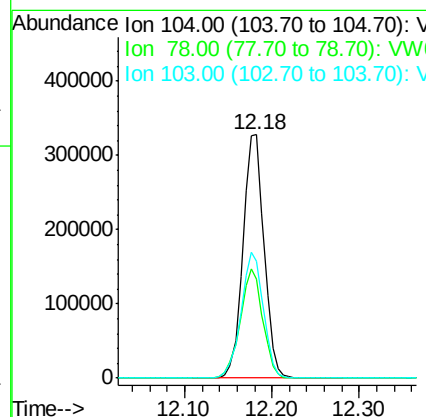
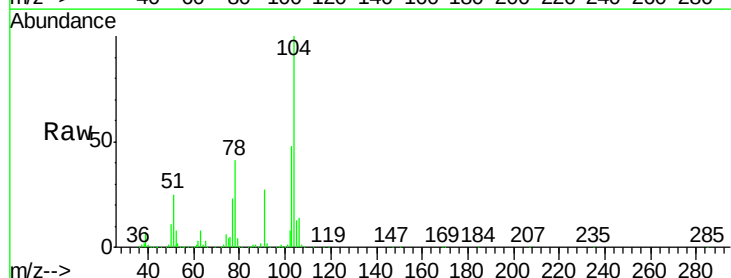
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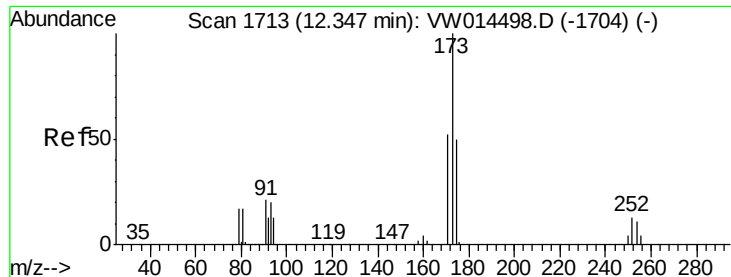
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#70
Styrene
Concen: 21.016 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		553589		
78	47.8	38.4	57.6		
103	54.3	43.7	65.5		





#71

Bromoform

Concen: 20.061 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

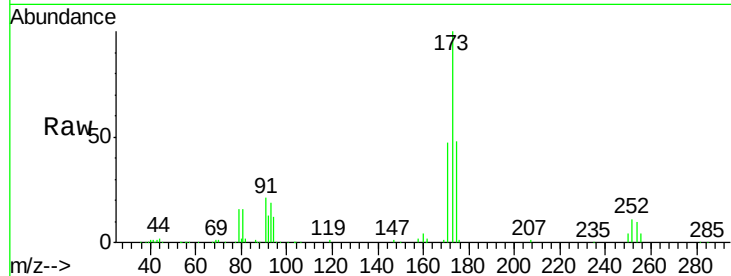
ClientSampled :

VW0103SBS01

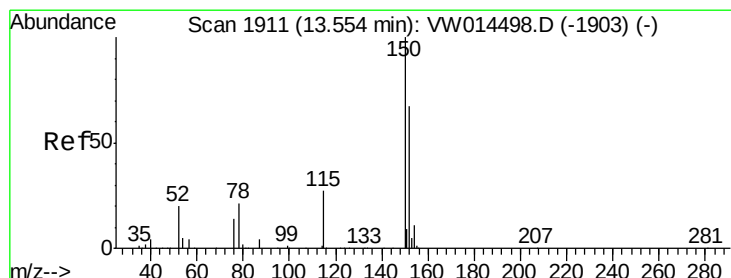
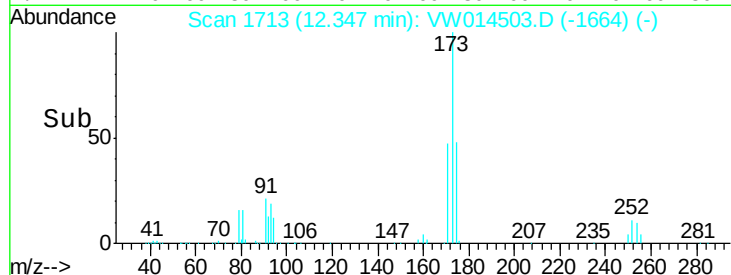
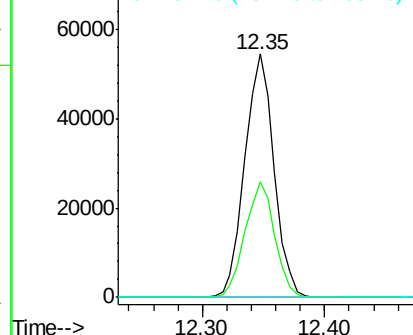
Tot Ion:	173	Resp:	90056
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.5	73.5
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

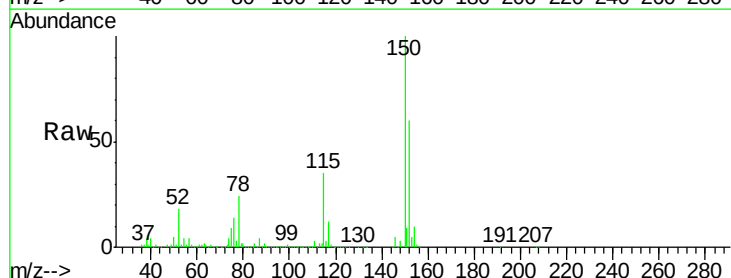
RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

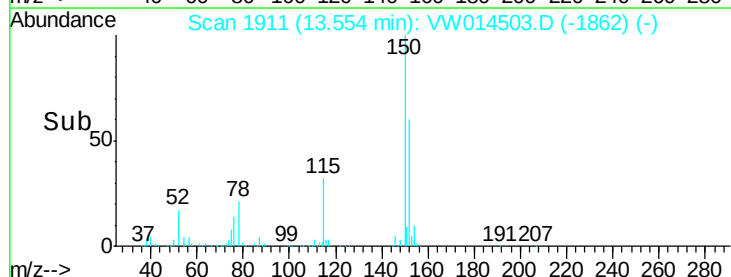
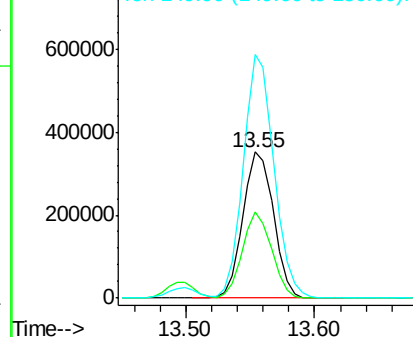
Lab File: VW014503.D

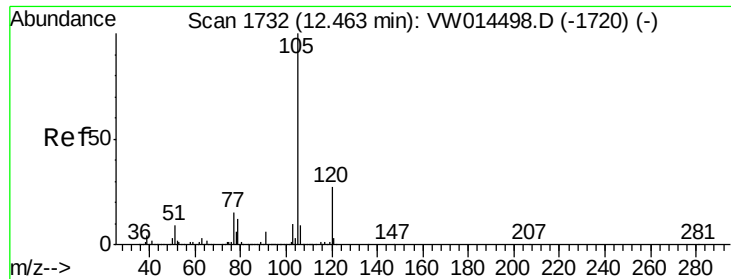
Acq: 03 Jan 2020 17:19

Tgt Ion:	152	Resp:	576936
Ion Ratio	Lower	Upper	
152	100		
115	56.5	27.7	83.1
150	166.9	0.0	343.4



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





#73

Isopropylbenzene

Concen: 21.231 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

ClientSampleId :

VW0103SBS01

Tot Ion:105 Resp: 898763

Ion Ratio Lower Upper

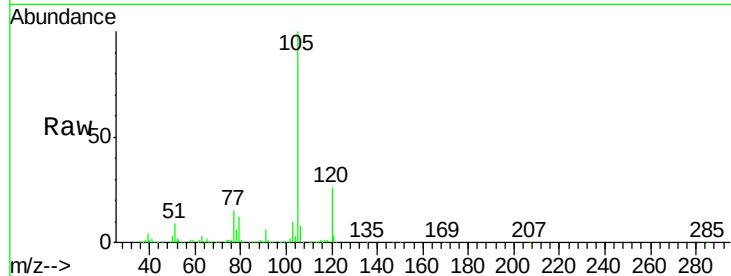
105 100

120 26.3 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

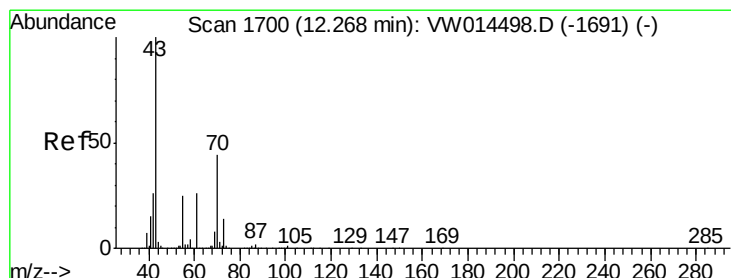
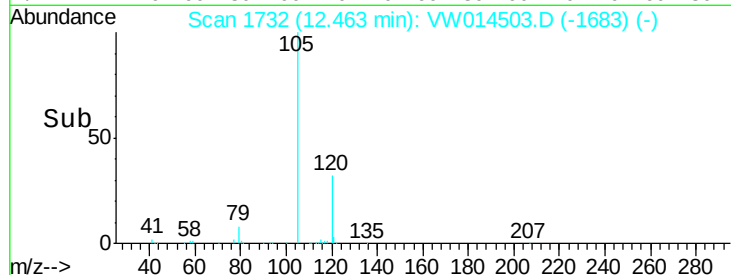
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 19.648 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Tgt Ion: 43 Resp: 186498

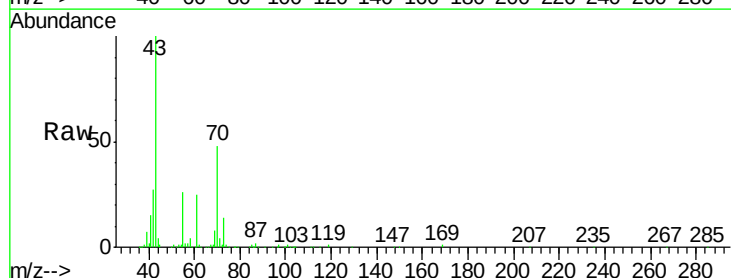
Ion Ratio Lower Upper

43 100

70 46.7 36.5 54.7

55 26.4 20.9 31.3

61 25.6 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.27

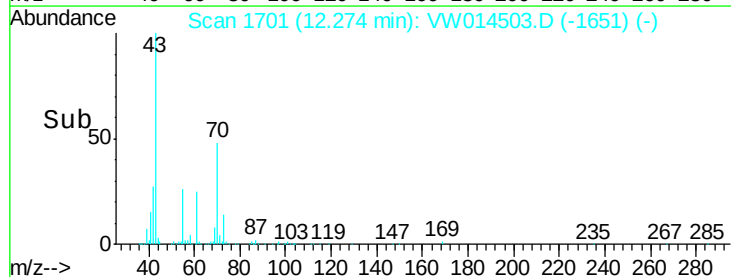
150000

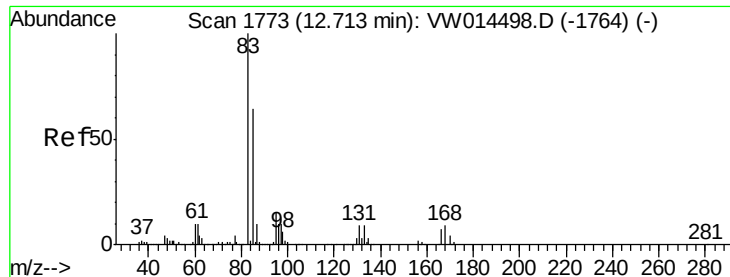
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.976 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

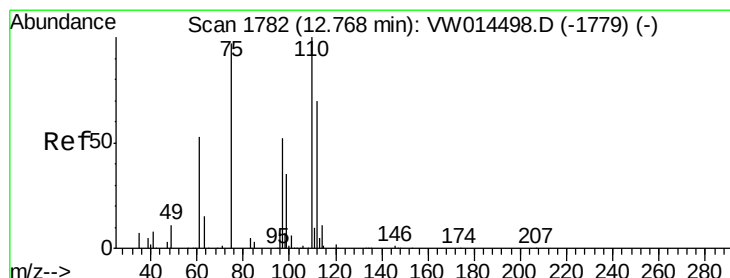
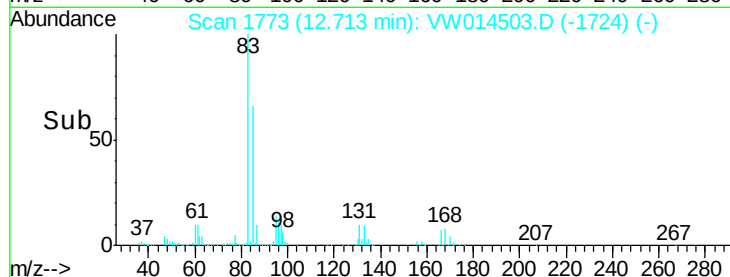
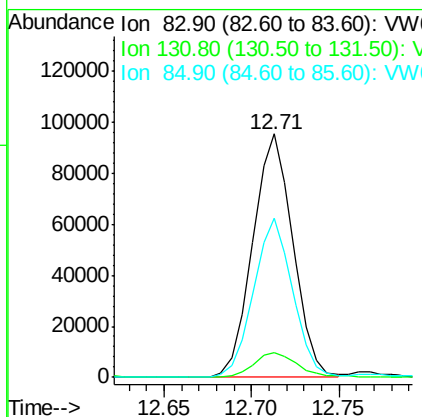
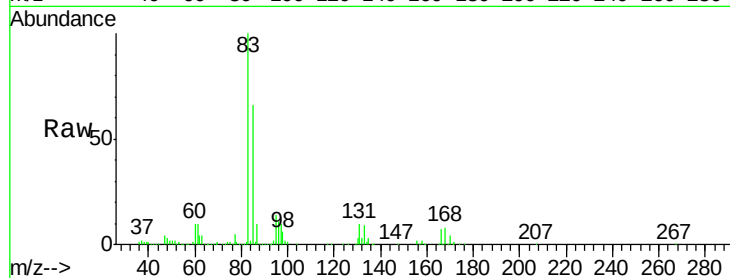
ClientSampled :

VW0103SBS01

Tot Ion:	83	Resp:	152633
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.1	15.4
85	63.7	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 20.968 ug/l m

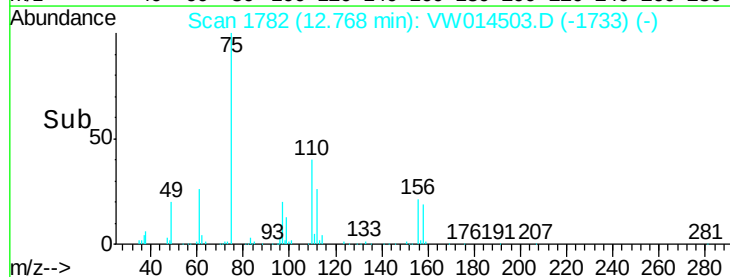
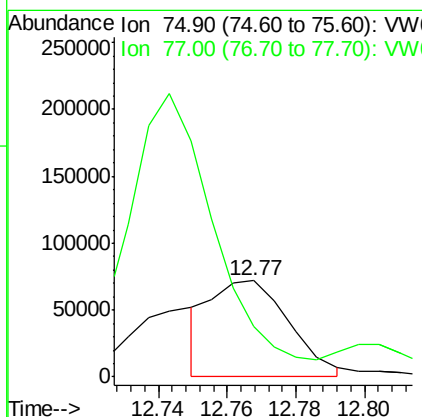
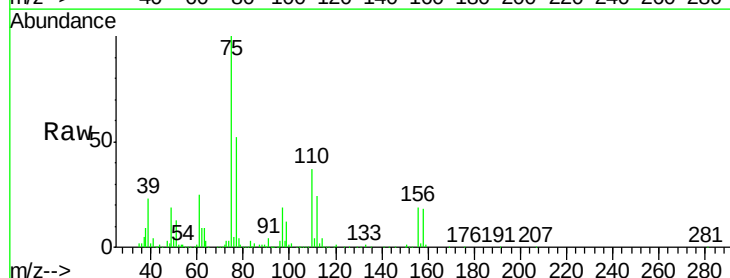
RT: 12.77 min Scan# 1782

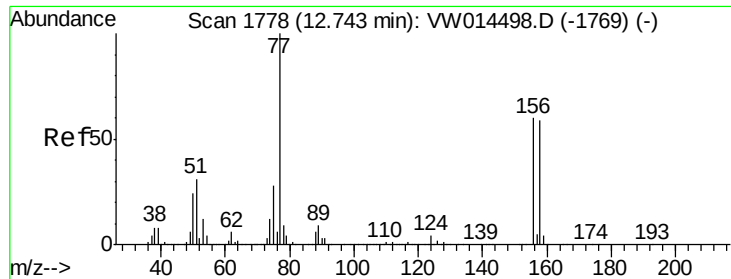
Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Tgt Ion:	75	Resp:	114379
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.281 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

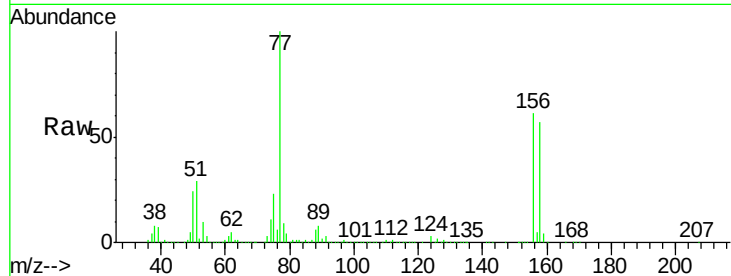
ClientSampled :

VW0103SBS01

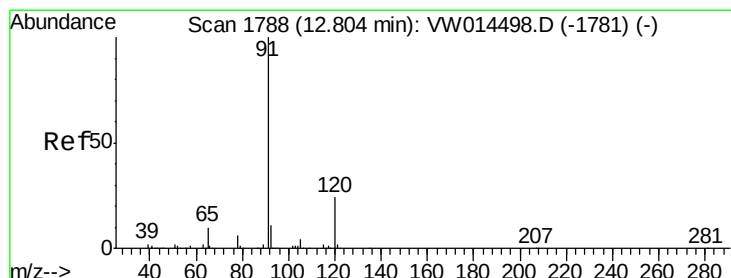
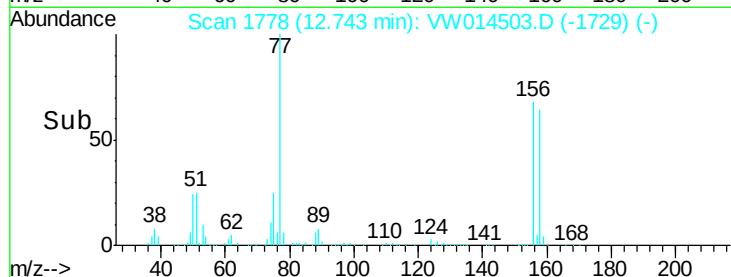
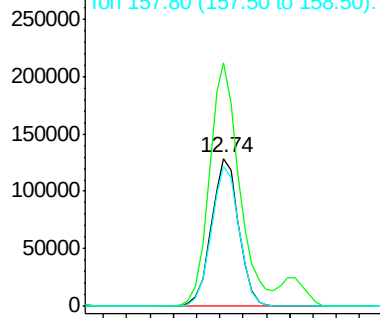
Tot Ion	Ratio	Lower	Upper
156	100		
77	181.8	92.3	277.1
158	96.2	48.6	145.9

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Abundance Ion 155.80 (155.50 to 156.50): V



#78

n-propylbenzene

Concen: 21.262 ug/l

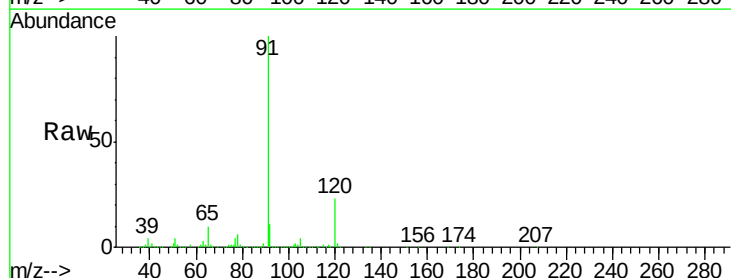
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

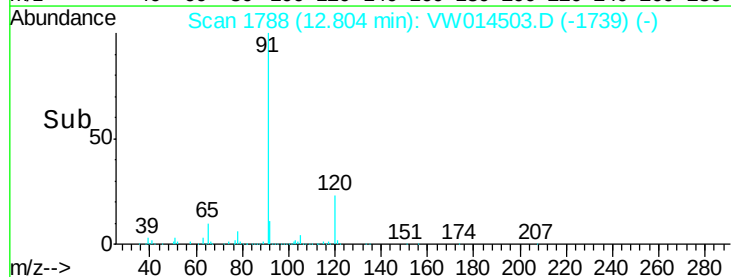
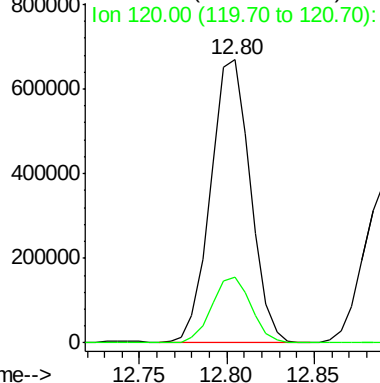
Lab File: VW014503.D

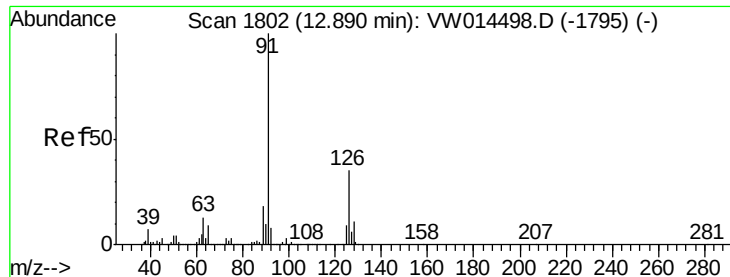
Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VW





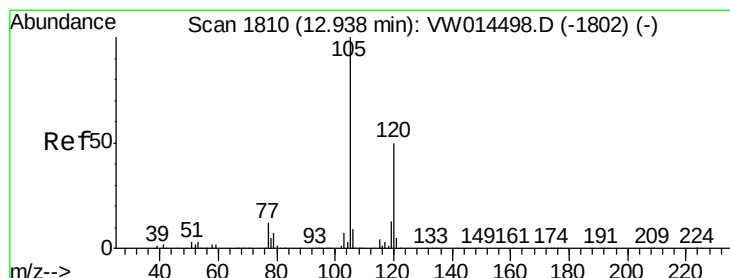
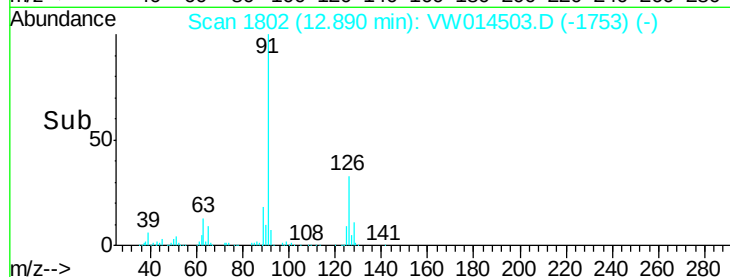
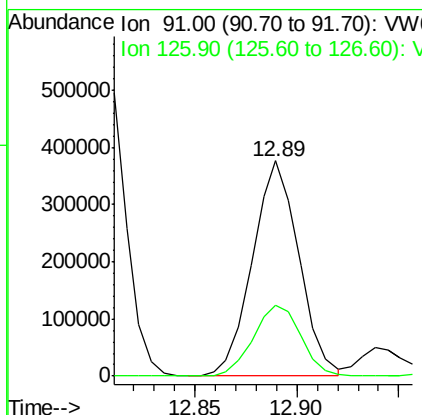
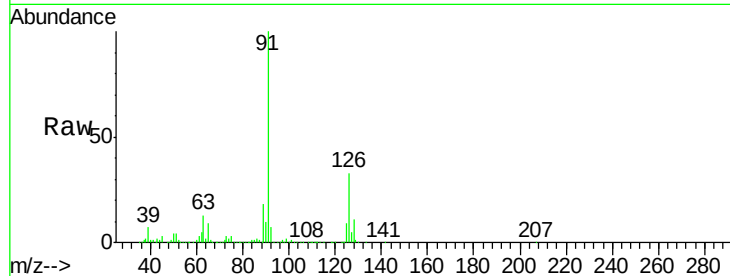
#79
2-Chlorotoluene
Concen: 20.975 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampled :
VW0103SBS01

Tot Ion: 91 Resp: 594190
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2

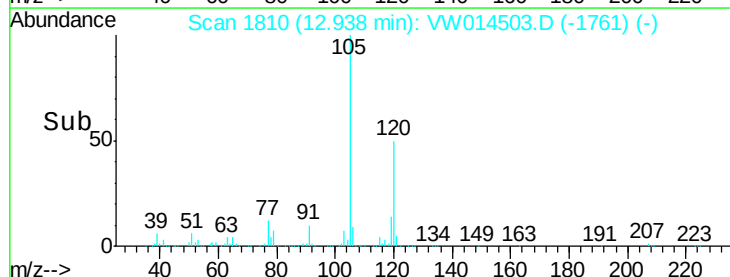
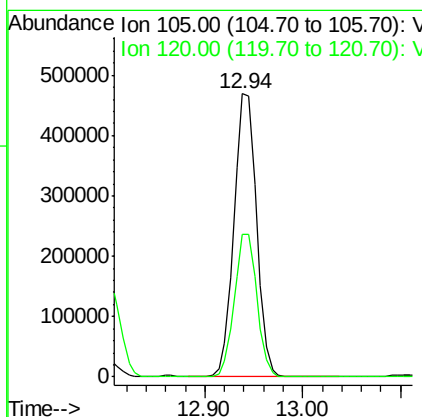
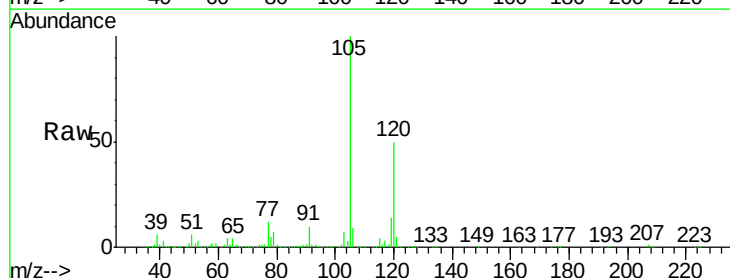
Manual Integrations
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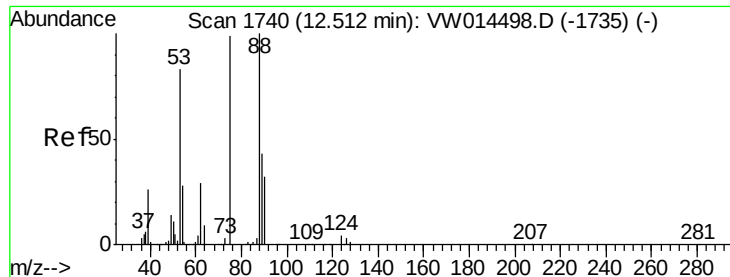
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 21.149 ug/l
RT: 12.94 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion: 105 Resp: 751730
Ion Ratio Lower Upper
105 100
120 50.5 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.321 ug/l

RT: 12.51 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

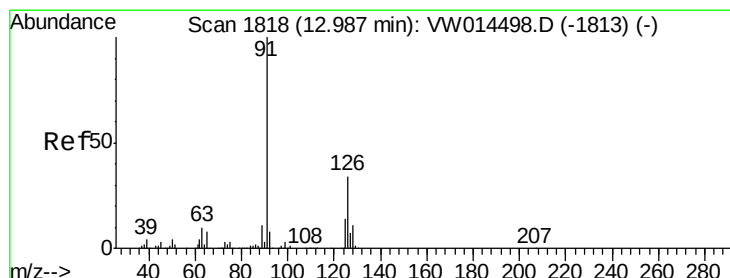
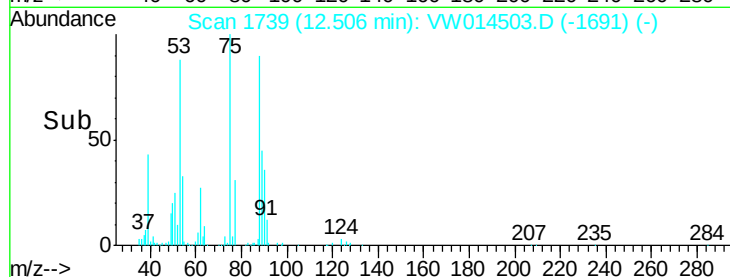
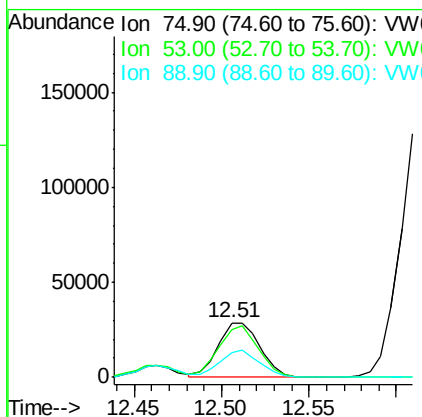
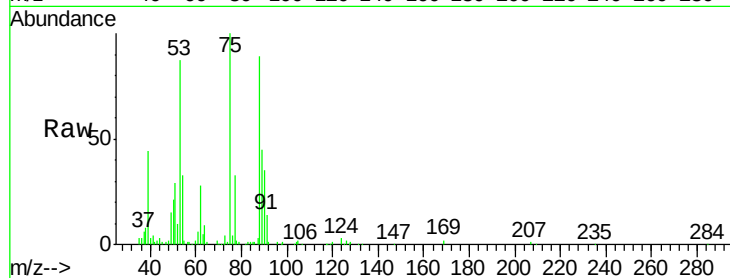
ClientSampleId :

VW0103SBS01

Tot Ion:	75	Resp:	47302
Ion Ratio	Lower	Upper	
75	100		
53	92.3	70.9	106.3
89	48.1	35.8	53.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.150 ug/l

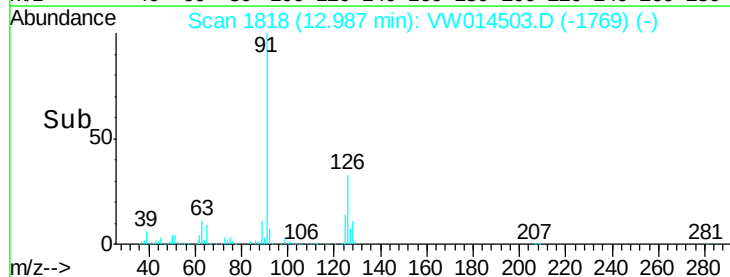
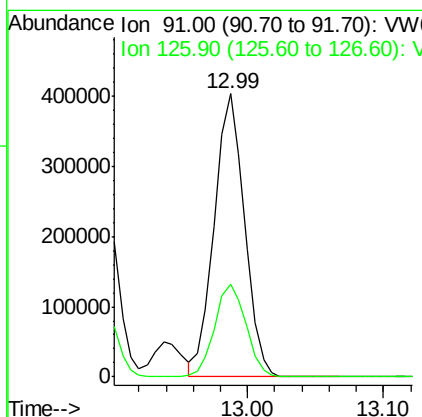
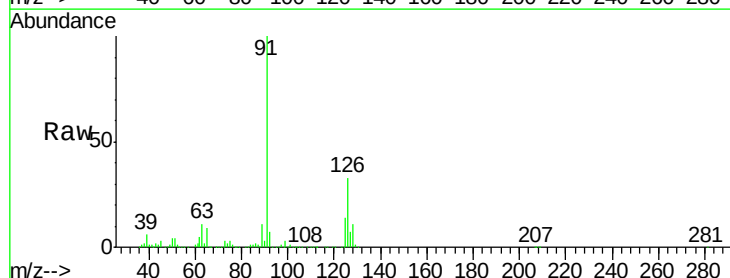
RT: 12.99 min Scan# 1818

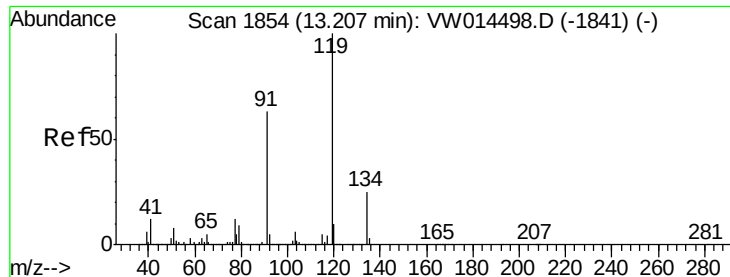
Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Tgt Ion:	91	Resp:	622474
Ion Ratio	Lower	Upper	
91	100		
126	33.9	17.1	51.2





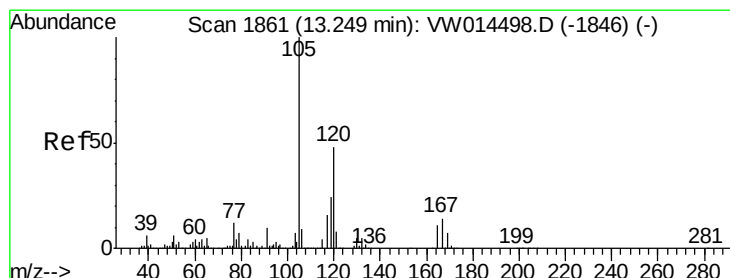
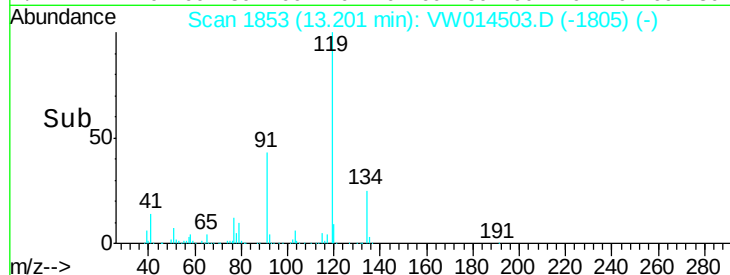
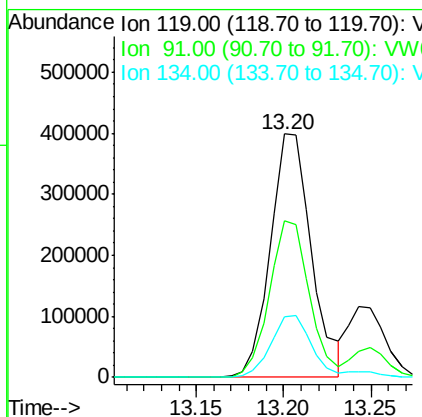
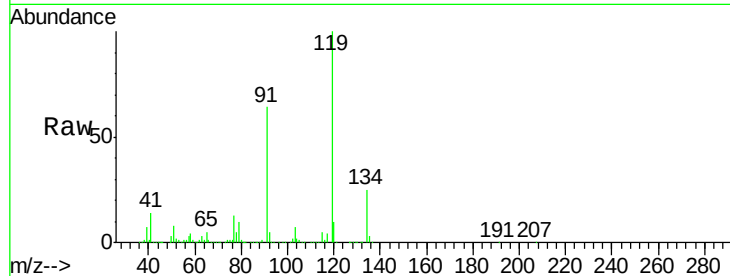
#83
tert-Butylbenzene
Concen: 21.019 ug/l
RT: 13.20 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampled :
VW0103SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.1	31.1	93.3
134	25.1	13.5	40.5

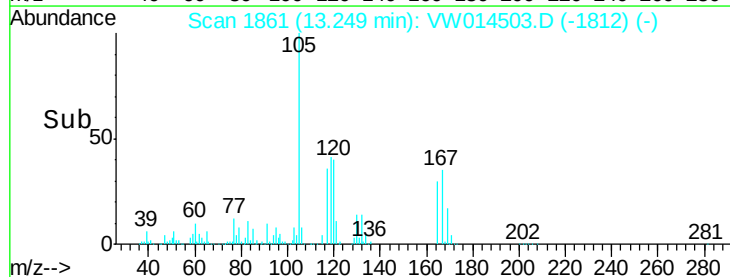
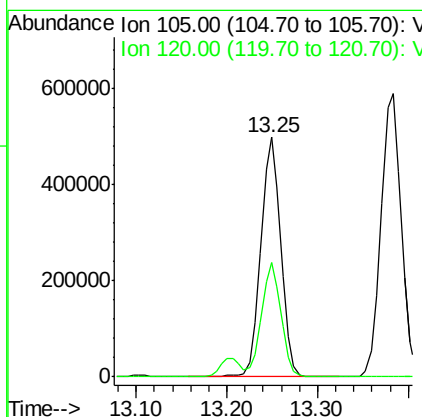
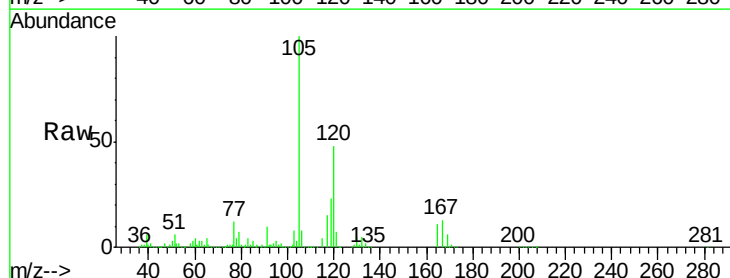
Manual Integrations
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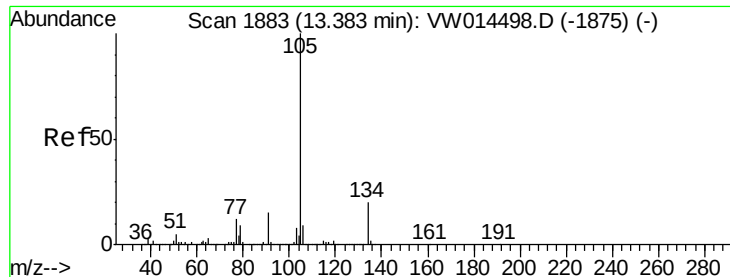
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#84
1,2,4-Trimethylbenzene
Concen: 21.362 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.0





#85

sec-Butylbenzene

Concen: 21.006 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

ClientSampled :

VW0103SBS01

Tot Ion:105 Resp: 904821

Ion Ratio Lower Upper

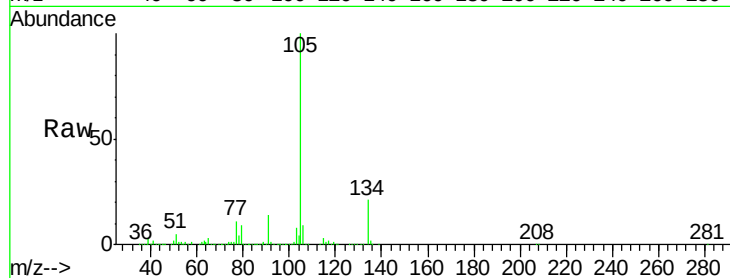
105 100

134 20.3 10.2 30.6

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

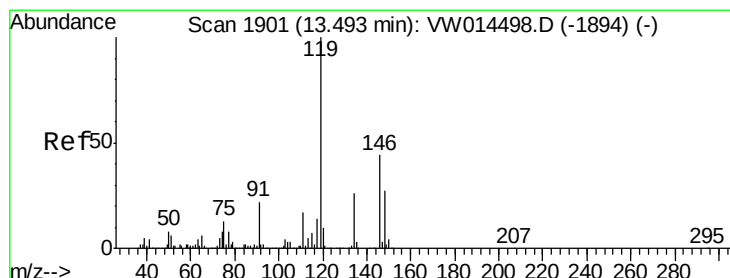
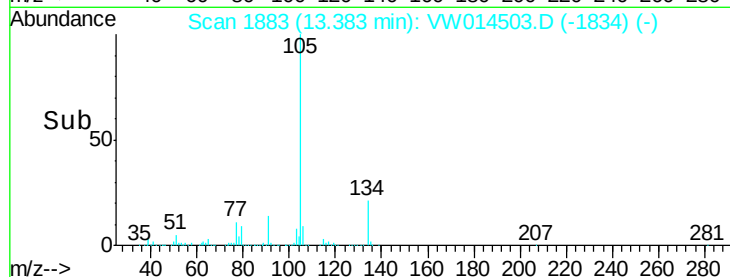
600000

400000

200000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 21.211 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

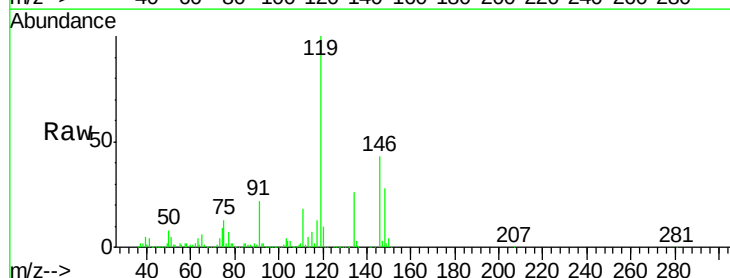
Tgt Ion:119 Resp: 832816

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 22.0 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.49

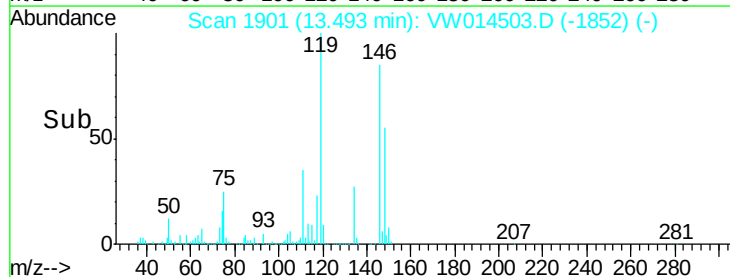
600000

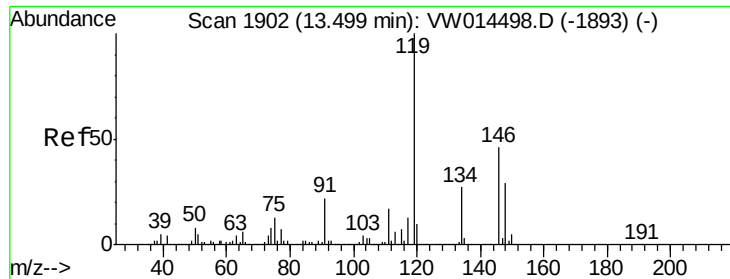
400000

200000

0

Time--> 13.45 13.50 13.55





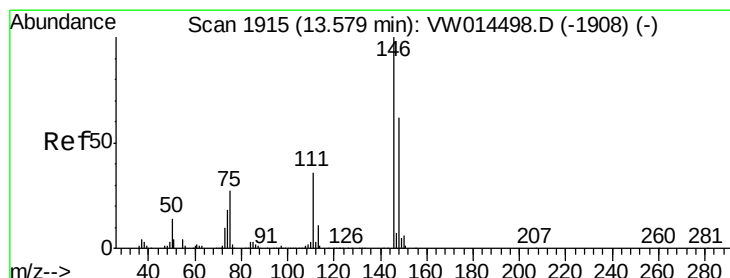
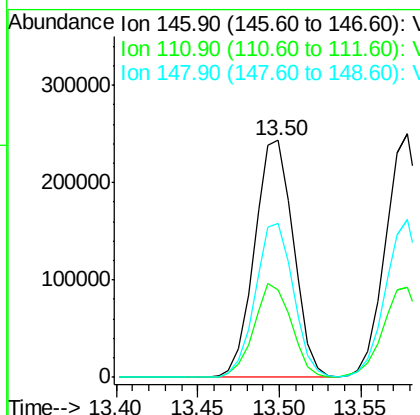
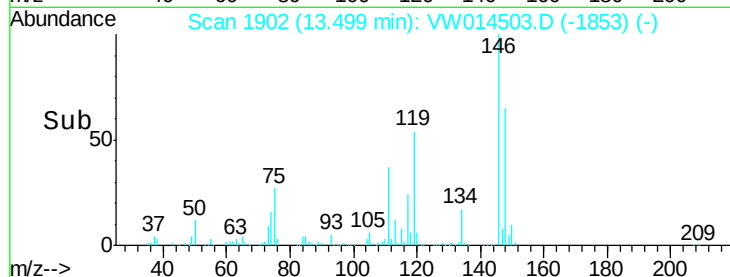
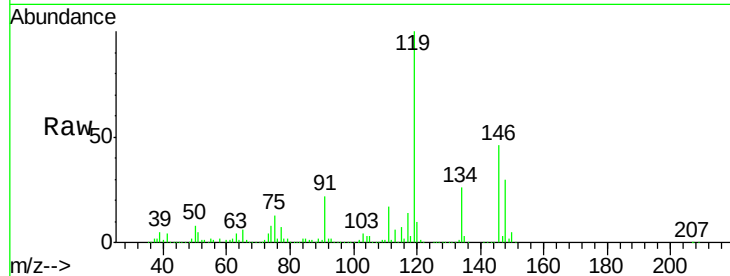
#87
 1,3-Dichlorobenzene
 Concen: 21.187 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.9
148	63.4	31.8	95.4

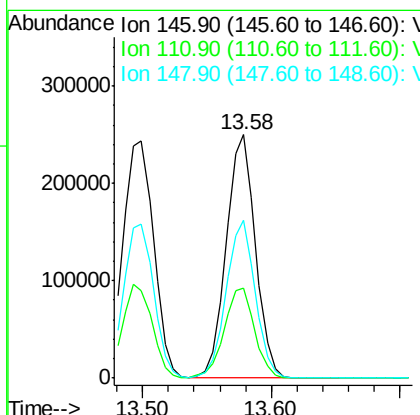
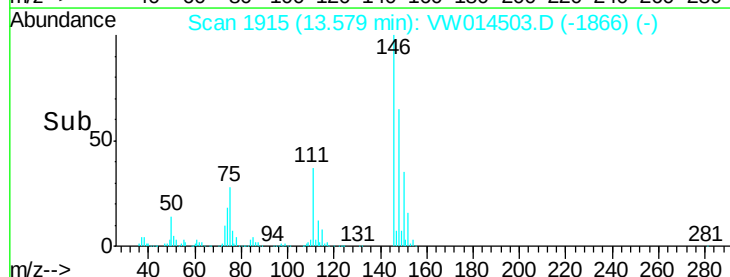
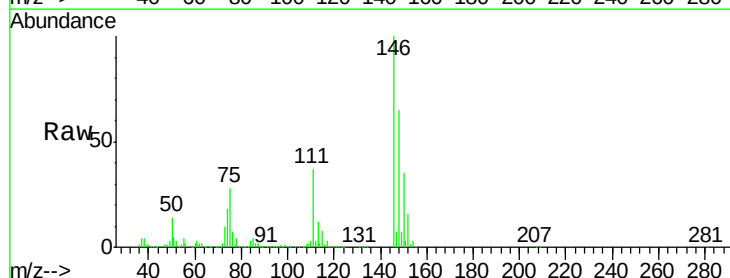
Manual Integrations
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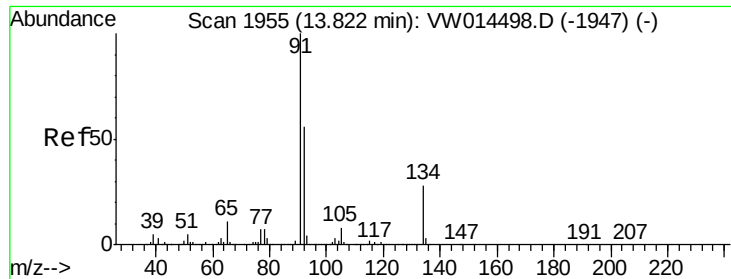
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 20.993 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.7	56.1
148	64.5	31.7	95.1





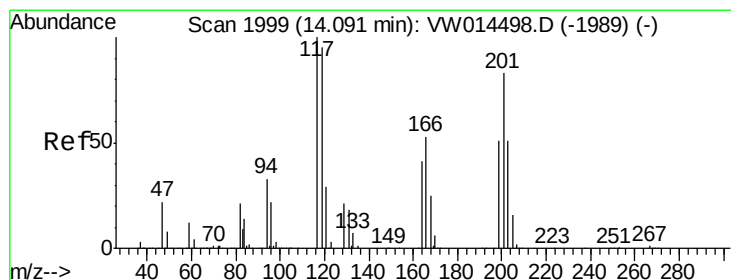
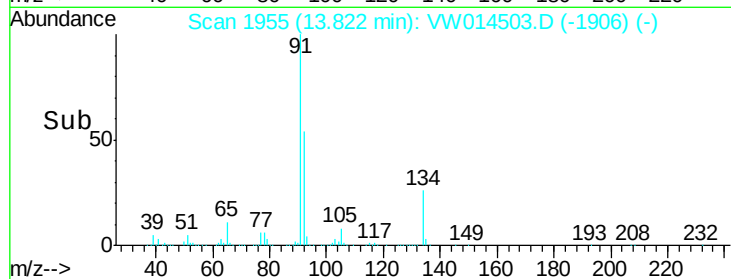
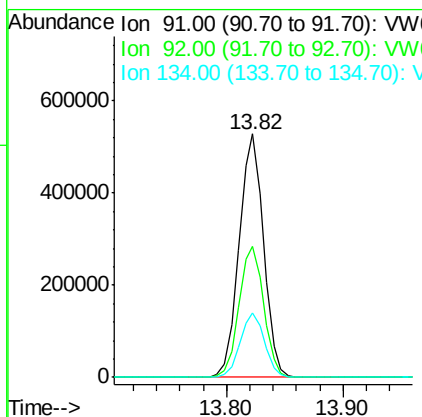
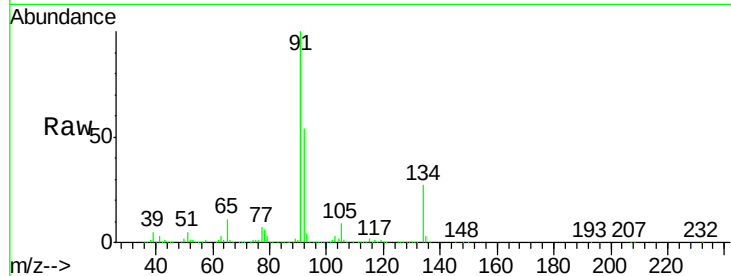
#89
n-Butylbenzene
Concen: 21.159 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Instrument :
MSVOA_W
ClientSampleId :
VW0103SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.5	82.5
134	26.6	13.7	41.1

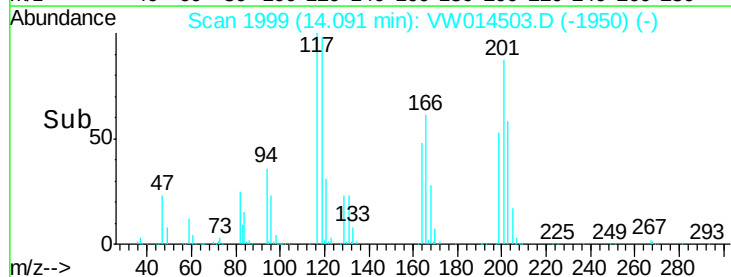
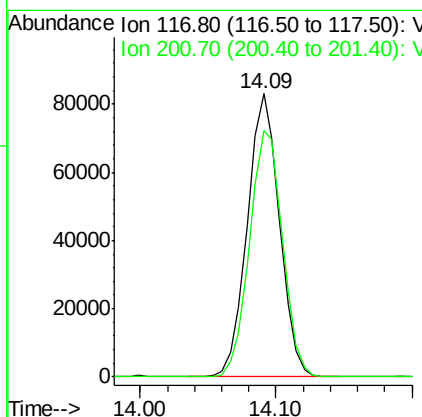
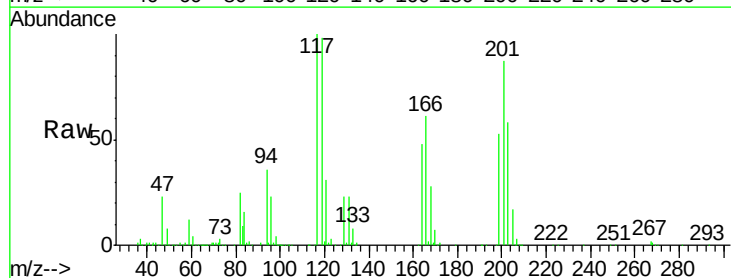
Manual Integrations
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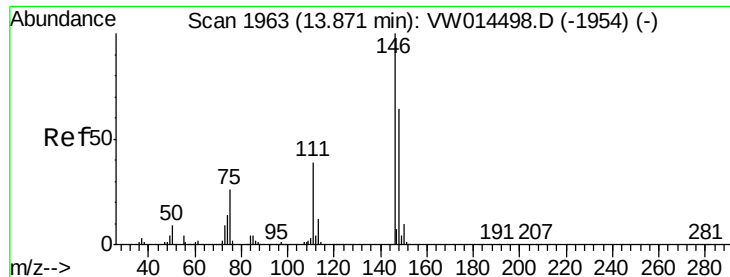
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#90
Hexachloroethane
Concen: 20.061 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW014503.D
Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	43.0	128.8





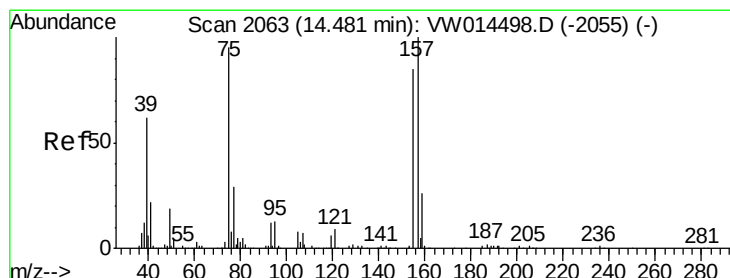
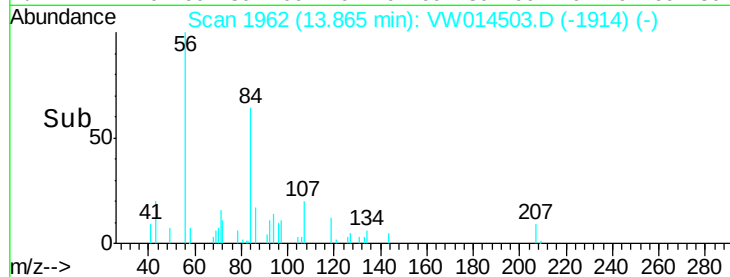
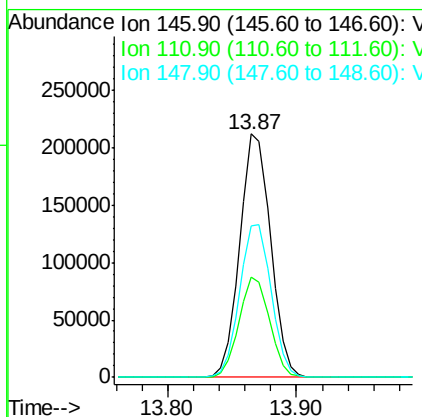
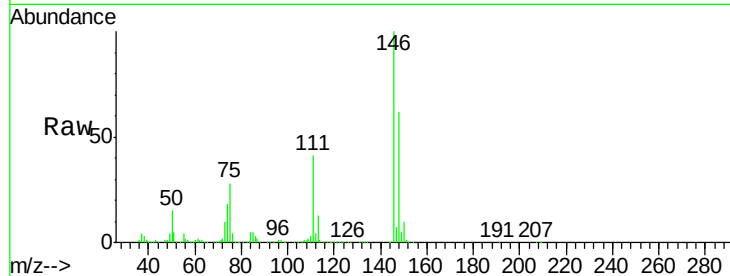
#91
 1,2-Dichlorobenzene
 Concen: 20.902 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.3
148	64.1	32.3	96.8

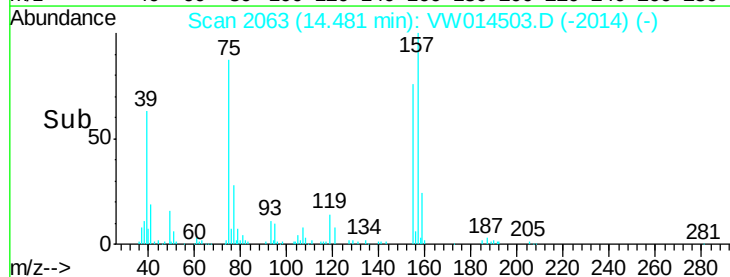
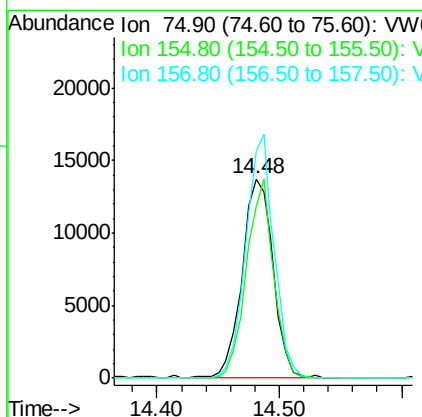
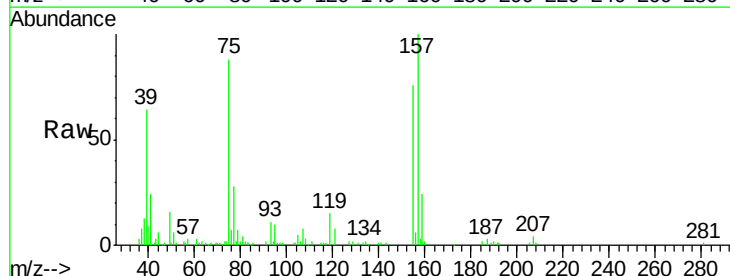
Manual Integrations
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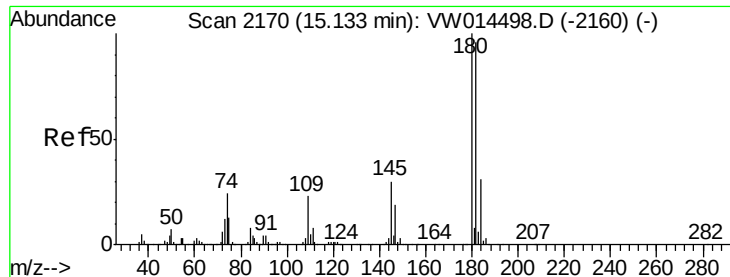
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.024 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.9	45.8	137.4
157	111.2	58.1	174.2





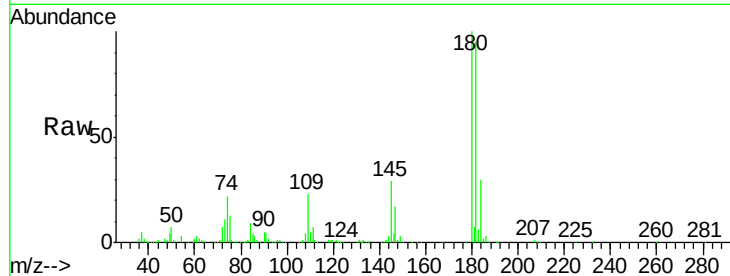
#93
 1,2,4-Trichlorobenzene
 Concen: 21.820 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

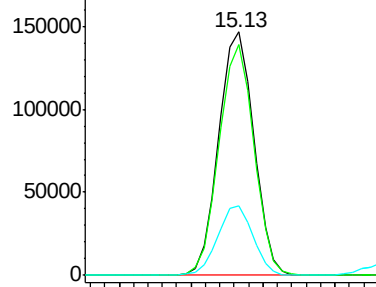
Tot Ion	Ratio	Resp	Lower	Upper
180	100	247613		
182	93.9	47.3	141.8	
145	28.7	14.7	44.1	

Manual Integrations
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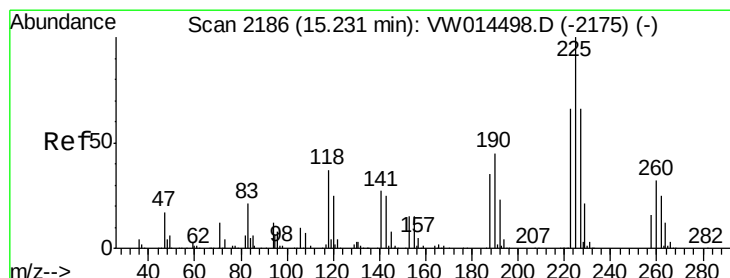
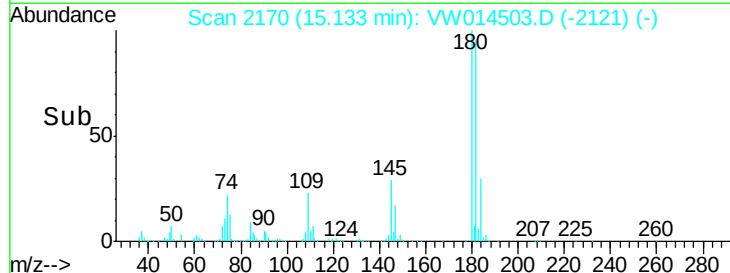
apatel
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

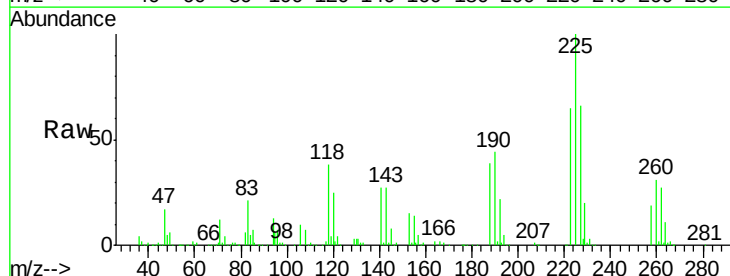


Time-->

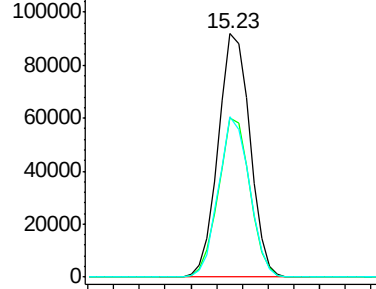


#94
 Hexachlorobutadiene
 Concen: 20.526 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW014503.D
 Acq: 03 Jan 2020 17:19

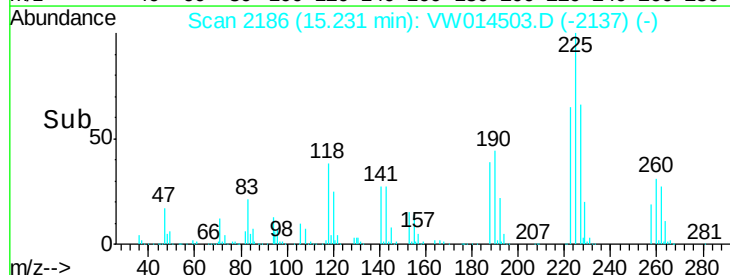
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	156095		
223	64.6	32.4	97.2	
227	64.1	32.6	97.8	

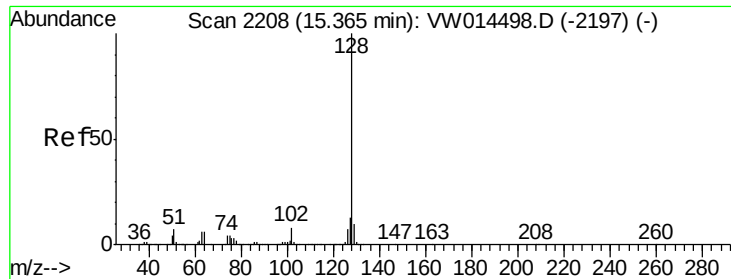


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 20.516 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Instrument :

MSVOA_W

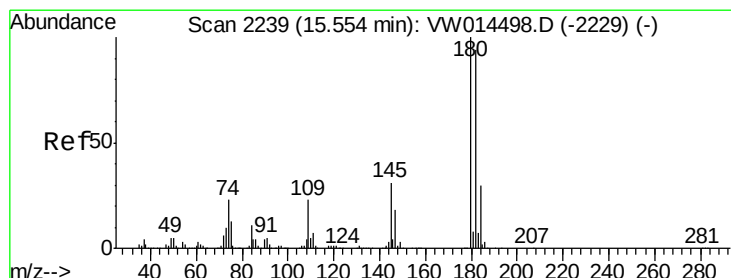
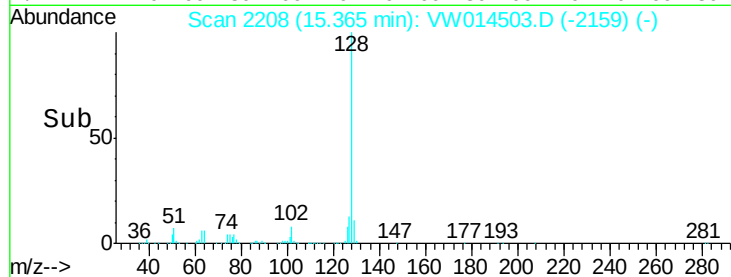
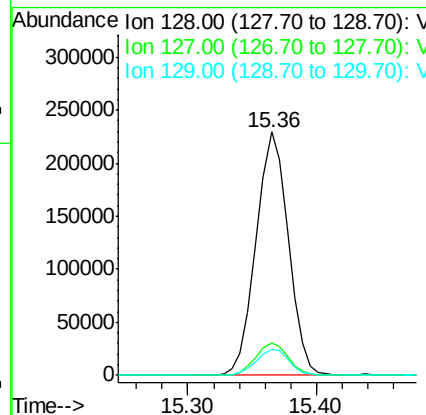
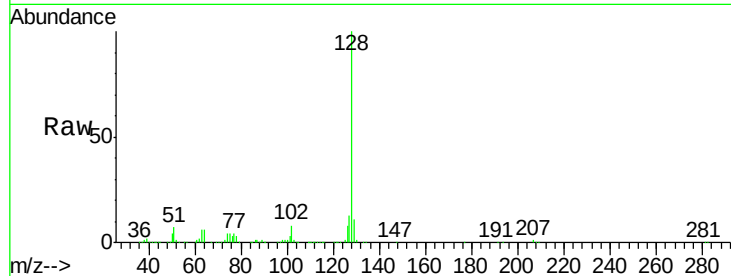
ClientSampled :

VW0103SBS01

Tot Ion:	128	Resp:	397063
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	15.8
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
1/6/2020 10:43:33 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.487 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW014503.D

Acq: 03 Jan 2020 17:19

Tgt Ion:	180	Resp:	212539
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.4	142.2
145	30.6	15.5	46.5

