

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011320\
 Data File : VW014615.D
 Acq On : 13 Jan 2020 11:12
 Operator : SY/VA
 Sample : VW0113SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0113SBS01

Manual Integrations
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 1/14/2020 3:06:40 PM

Quant Time: Jan 14 12:32:26 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	727276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1086739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	925971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	454318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	325877	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.88	113	326371	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
50) Toluene-d8	10.32	98	1372862	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.62	95	454916	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	93930	22.874	ug/l	96
3) Chloromethane	2.21	50	114398	22.760	ug/l	97
4) Vinyl Chloride	2.36	62	167118	22.605	ug/l	100
5) Bromomethane	2.77	94	100794	22.071	ug/l	97
6) Chloroethane	2.92	64	91481	21.708	ug/l	96
7) Trichlorofluoromethane	3.25	101	79995	21.627	ug/l	93
8) Diethyl Ether	3.68	74	74608	20.272	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	153185	22.165	ug/l	99
10) Methyl Iodide	4.27	142	217833	20.890	ug/l	99
11) Tert butyl alcohol	5.16	59	48659	84.023	ug/l	97
12) 1,1-Dichloroethene	4.04	96	153975	21.275	ug/l	97
13) Acrolein	3.89	56	48831	87.985	ug/l	99
14) Allyl chloride	4.66	41	231354	20.918	ug/l	99
15) Acrylonitrile	5.35	53	166273	98.841	ug/l	99
16) Acetone	4.11	43	162095	90.279	ug/l	97
17) Carbon Disulfide	4.38	76	453648	20.796	ug/l	97
18) Methyl Acetate	4.66	43	85196	19.647	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	190793	21.237	ug/l	99
20) Methylene Chloride	4.91	84	180025	22.285	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	161512	21.017	ug/l	95
22) Diisopropyl ether	6.31	45	438625	21.188	ug/l	98
23) Vinyl Acetate	6.25	43	1261136	100.885	ug/l	99
24) 1,1-Dichloroethane	6.21	63	280894	21.511	ug/l	100
25) 2-Butanone	7.17	43	219349	95.196	ug/l	97
26) 2,2-Dichloropropane	7.16	77	159243	22.026	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	169821	21.030	ug/l	99
28) Bromochloromethane	7.51	49	96451	18.840	ug/l	98
29) Tetrahydrofuran	7.52	42	136376	95.538	ug/l	99
30) Chloroform	7.67	83	260810	21.358	ug/l	99
31) Cyclohexane	7.95	56	286176	21.088	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	214036	21.794	ug/l	99
36) 1,1-Dichloropropene	8.07	75	227520	21.717	ug/l	99
37) Ethyl Acetate	7.25	43	91373	19.230	ug/l	98
38) Carbon Tetrachloride	8.06	117	198099	21.795	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	279421	20.783	ug/l	97
40) Benzene	8.32	78	632836	21.349	ug/l	98
41) Methacrylonitrile	7.48	41	57257	21.617	ug/l	91
42) 1,2-Dichloroethane	8.40	62	160568	20.874	ug/l	100
43) Isopropyl Acetate	8.42	43	167880	19.457	ug/l	99
44) Trichloroethene	9.09	130	168577	21.017	ug/l	92
45) 1,2-Dichloropropane	9.37	63	153275	21.072	ug/l	96
46) Dibromomethane	9.46	93	72680	20.240	ug/l	98
47) Bromodichloromethane	9.64	83	185132	20.882	ug/l	99
48) Methyl methacrylate	9.43	41	80588	19.130	ug/l	99
49) 1,4-Dioxane	9.44	88	28384	422.618	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	434427	96.956	ug/l	100
52) Toluene	10.38	92	401998	21.557	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	186478	20.315	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	232480	20.723	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	107927	20.579	ug/l	98
56) Ethyl methacrylate	10.64	69	130698	19.176	ug/l	99
57) 1,3-Dichloropropane	10.93	76	190328	20.649	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	175461	84.647	ug/l	100
59) 2-Hexanone	10.96	43	298765	96.764	ug/l	100
60) Dibromochloromethane	11.13	129	119092	20.126	ug/l	97
61) 1,2-Dibromoethane	11.23	107	100506	20.189	ug/l	98
64) Tetrachloroethene	10.86	164	144669	21.580	ug/l	96
65) Chlorobenzene	11.65	112	405702	21.386	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	138946	21.754	ug/l	98
67) Ethyl Benzene	11.73	91	741489	21.689	ug/l	100
68) m/p-Xylenes	11.84	106	574811	43.931	ug/l	98
69) o-Xylene	12.16	106	257360	21.294	ug/l	98
70) Styrene	12.18	104	444066	21.722	ug/l	100
71) Bromoform	12.35	173	70549	20.250	ug/l #	99
73) Isopropylbenzene	12.46	105	729381	21.880	ug/l	99
74) N-amyl acetate	12.27	43	146028	19.537	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	121475	20.189	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	74827m	17.420	ug/l	
77) Bromobenzene	12.74	156	164036	21.187	ug/l	99
78) n-propylbenzene	12.80	91	860267	21.946	ug/l	99
79) 2-Chlorotoluene	12.89	91	480257	21.529	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	611314	21.841	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	40145	20.823	ug/l	99
82) 4-Chlorotoluene	12.99	91	499887	21.569	ug/l	100
83) tert-Butylbenzene	13.21	119	528920	21.583	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	607438	21.808	ug/l	100
85) sec-Butylbenzene	13.38	105	745992	21.992	ug/l	100
86) p-Isopropyltoluene	13.49	119	682670	22.080	ug/l	100
87) 1,3-Dichlorobenzene	13.49	146	324772	21.571	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	321923	21.658	ug/l	99
89) n-Butylbenzene	13.82	91	632116	22.016	ug/l	99
90) Hexachloroethane	14.09	117	114674	21.231	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	286799	21.673	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19596	20.566	ug/l	93

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VW0113SBS01

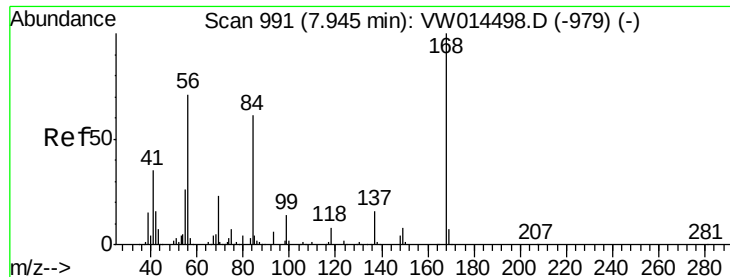
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	192993	21.597	ug/l	100
94) Hexachlorobutadiene	15.24	225	129940	21.698	ug/l	98
95) Naphthalene	15.37	128	301699	19.796	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	163723	21.019	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0113SBS01

Tot Ion:168 Resp: 727276

Ion Ratio Lower Upper

168 100

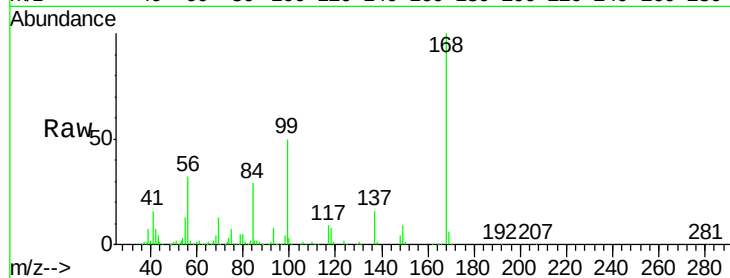
99 50.3 41.1 61.7

Manual Integrations

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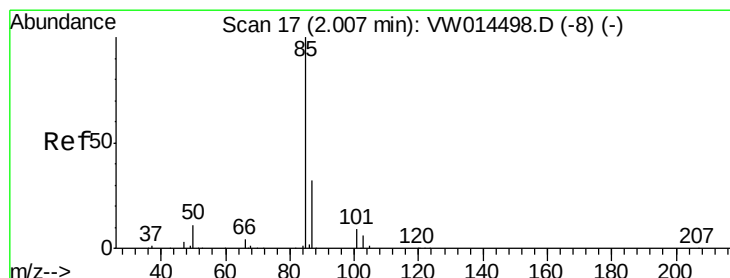
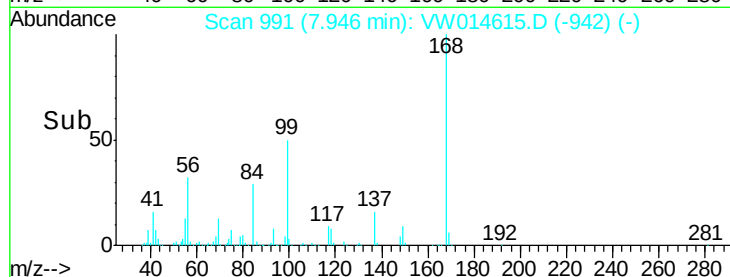
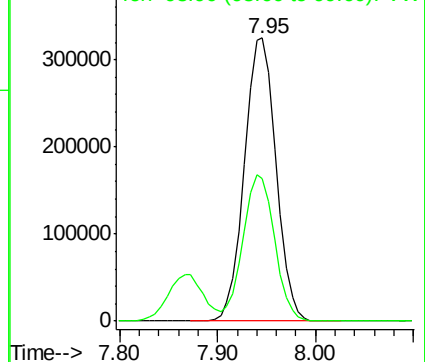
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 22.874 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014615.D

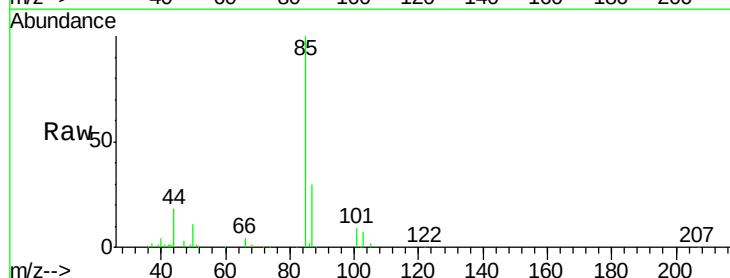
Acq: 13 Jan 2020 11:12

Tgt Ion: 85 Resp: 93930

Ion Ratio Lower Upper

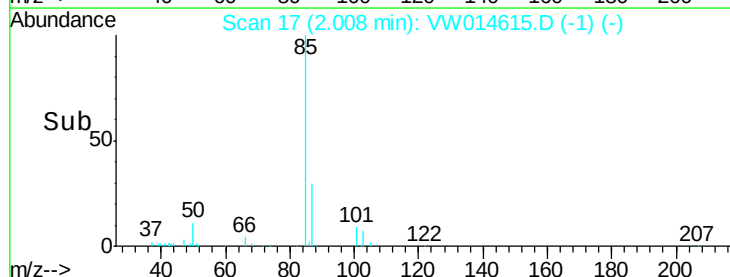
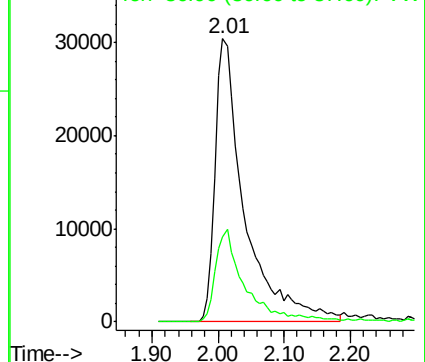
85 100

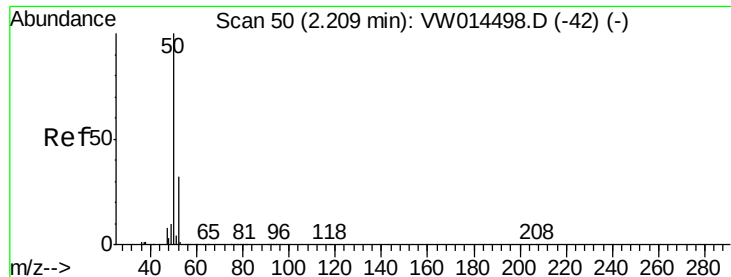
87 30.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.760 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0113SBS01

Tot Ion: 50 Resp: 114398

Ion Ratio Lower Upper

50 100

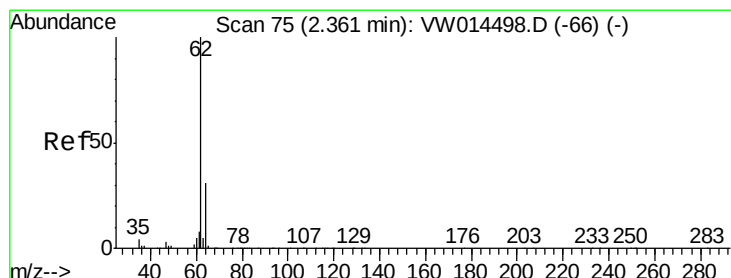
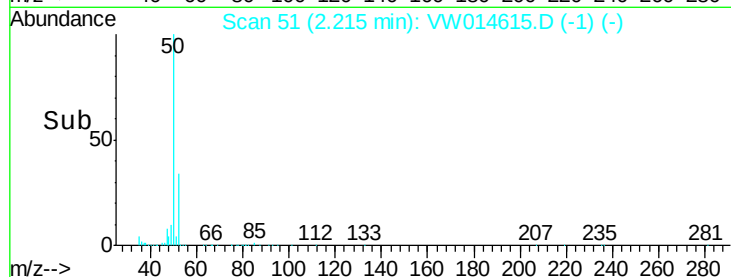
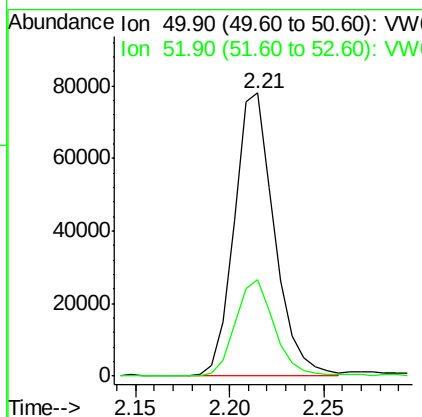
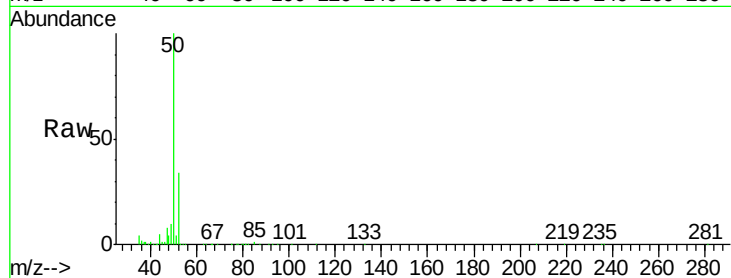
52 34.0 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.605 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014615.D

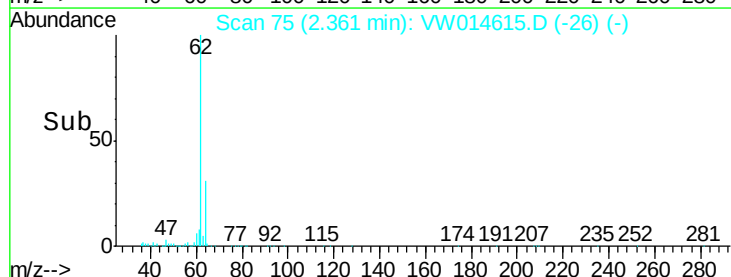
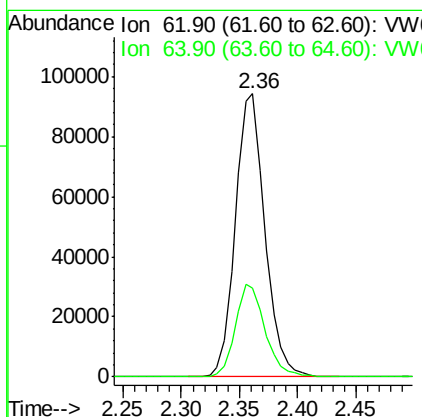
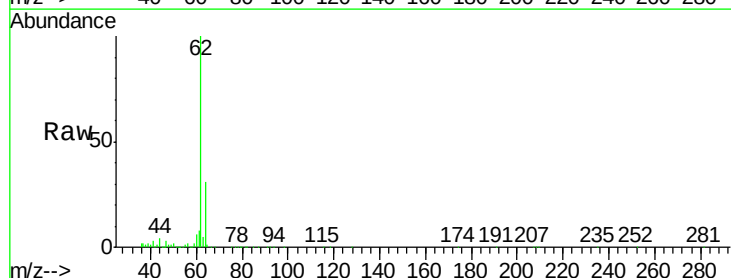
Acq: 13 Jan 2020 11:12

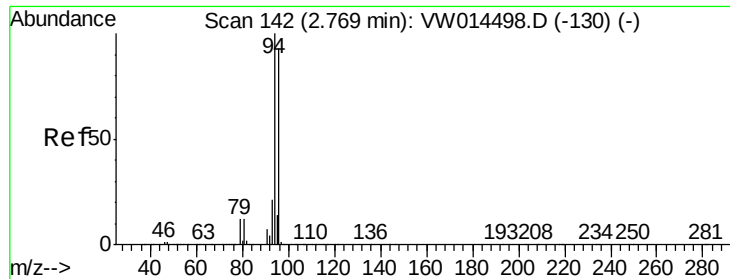
Tgt Ion: 62 Resp: 167118

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.4





#5

Bromomethane

Concen: 22.071 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

ClientSampled :

VW0113SBS01

Tot Ion: 94 Resp: 100794

Ion Ratio Lower Upper

94 100

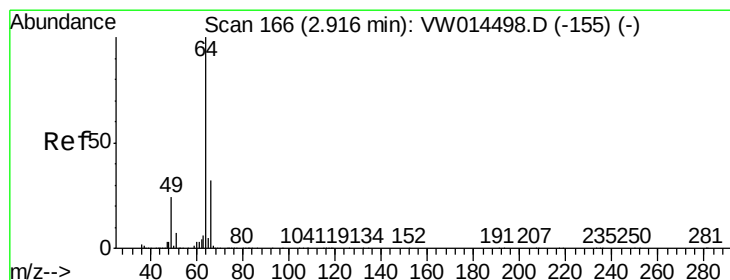
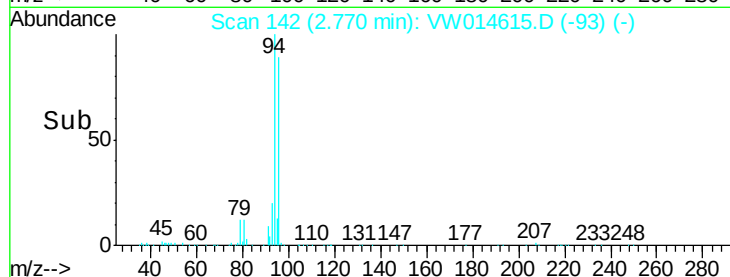
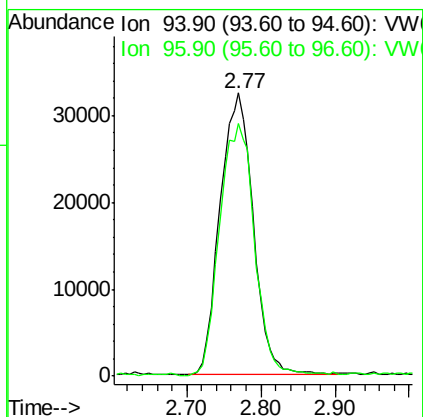
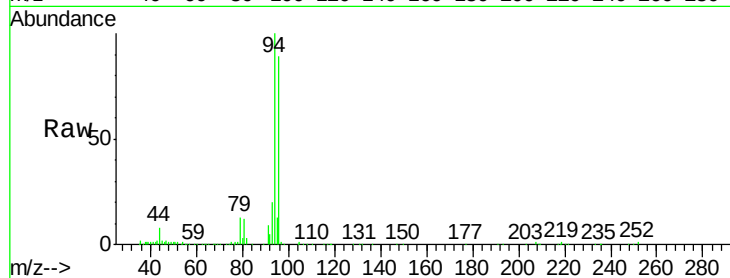
96 89.7 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 21.708 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW014615.D

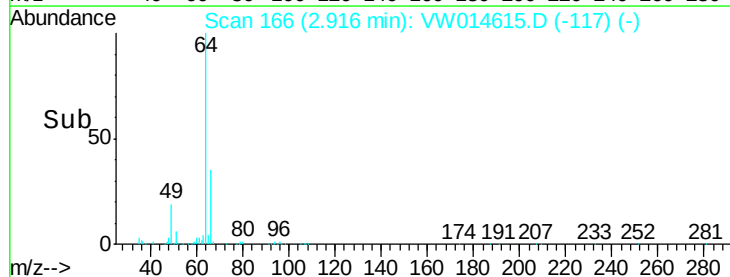
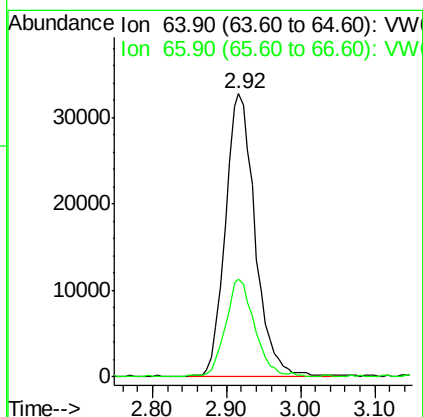
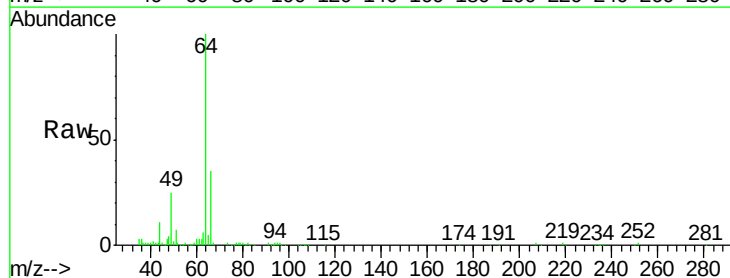
Acq: 13 Jan 2020 11:12

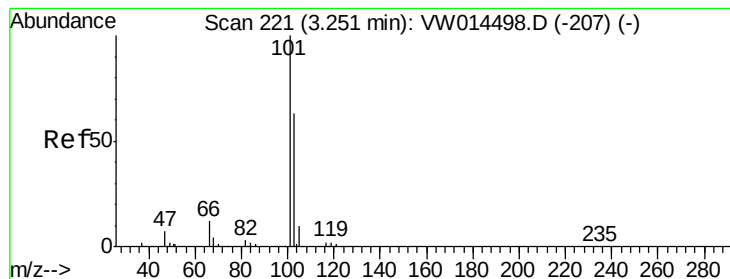
Tgt Ion: 64 Resp: 91481

Ion Ratio Lower Upper

64 100

66 34.5 25.7 38.5





#7

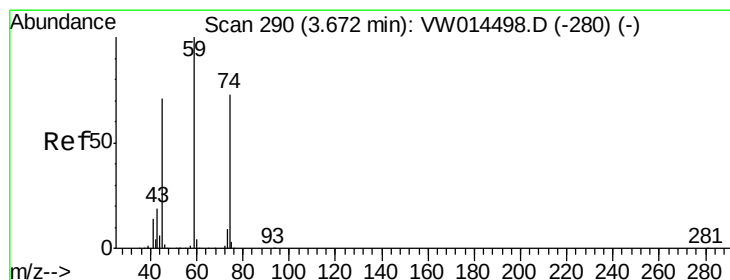
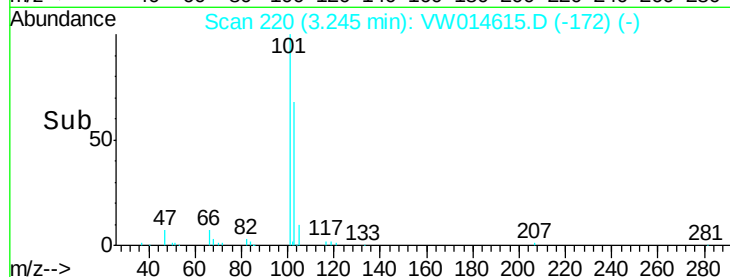
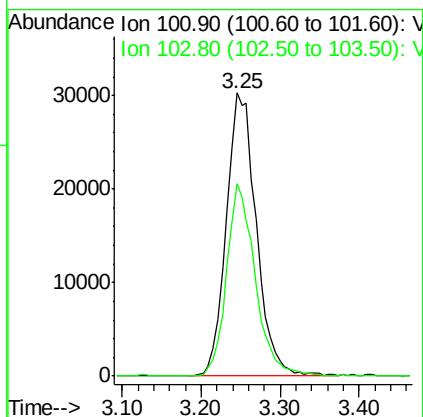
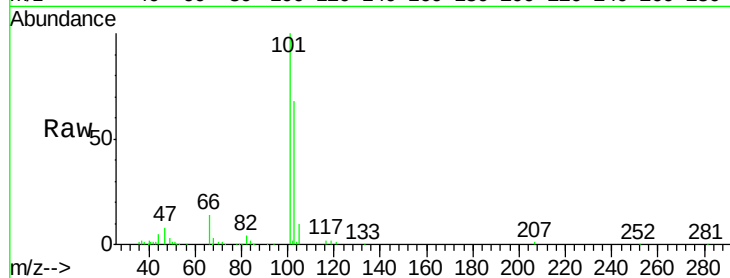
Trichlorofluoromethane
Concen: 21.627 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

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MSVOA_W
ClientSampleId :
VW0113SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.1	50.1	75.1

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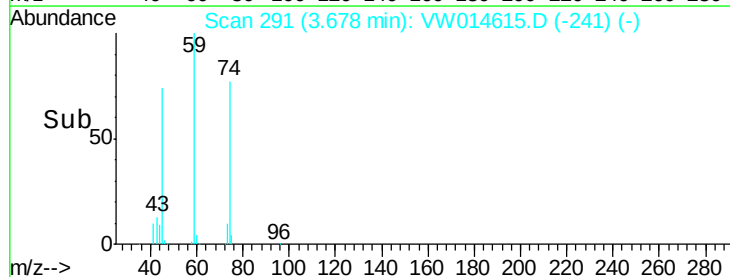
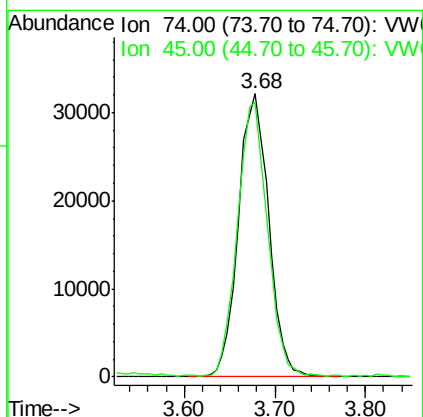
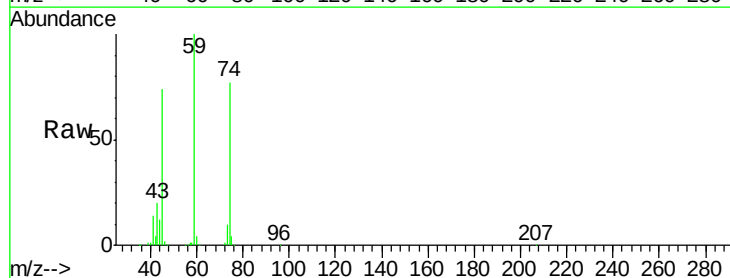
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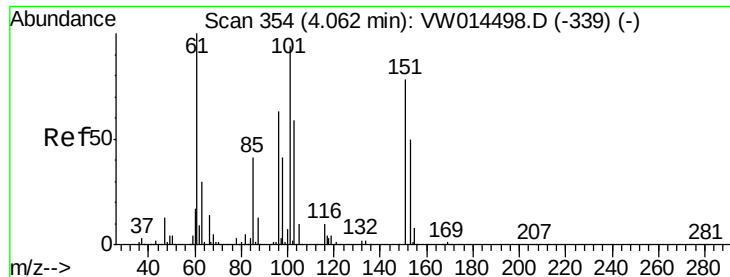


#8

Diethyl Ether
Concen: 20.272 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.165 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

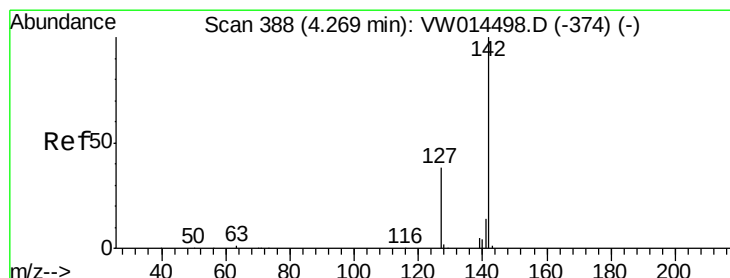
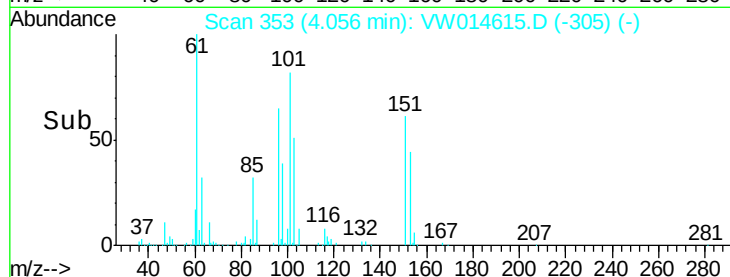
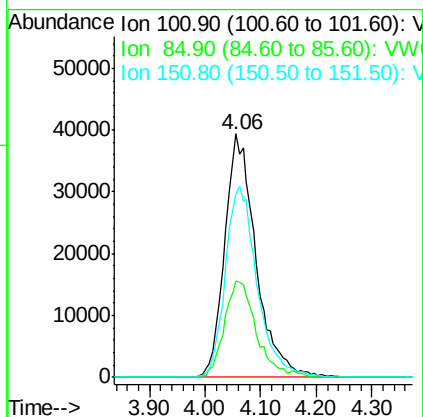
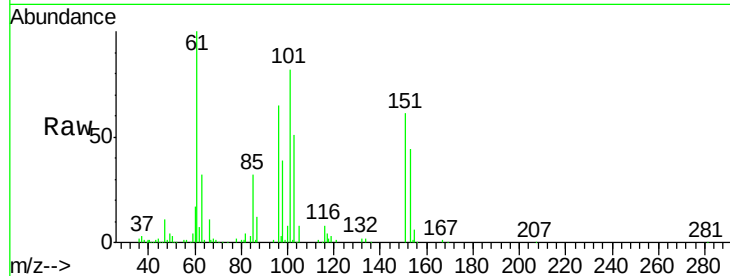
ClientSampled :

VW0113SBS01

Tot Ion:	101	Resp:	153185
Ion Ratio	Lower	Upper	
101	100		
85	40.8	33.7	50.5
151	79.9	63.5	95.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.890 ug/l

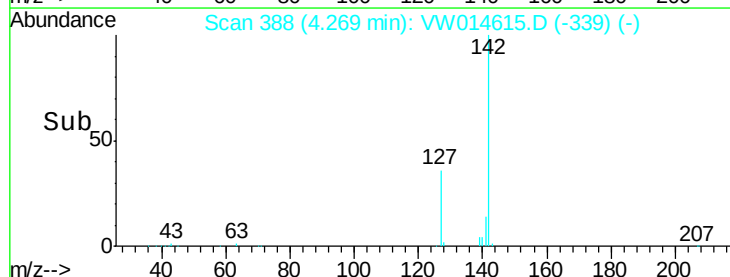
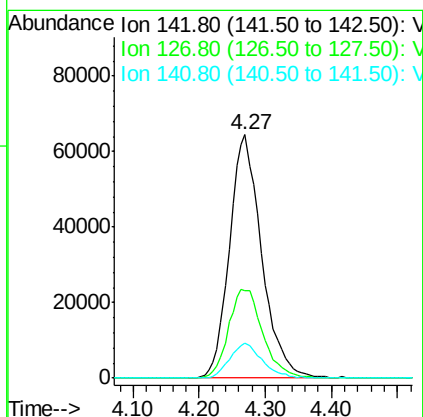
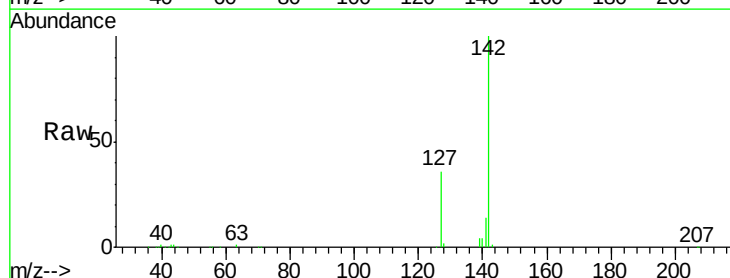
RT: 4.27 min Scan# 388

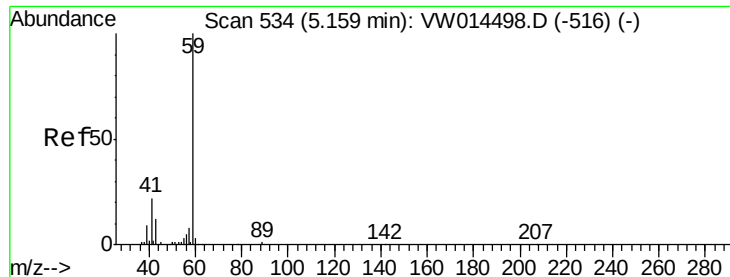
Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Tgt Ion:	142	Resp:	217833
Ion Ratio	Lower	Upper	
142	100		
127	38.7	30.2	45.4
141	14.3	11.4	17.2





#11

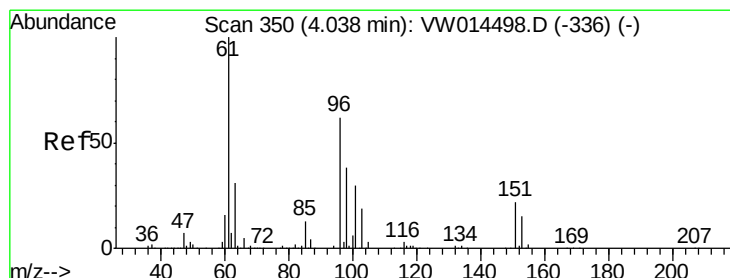
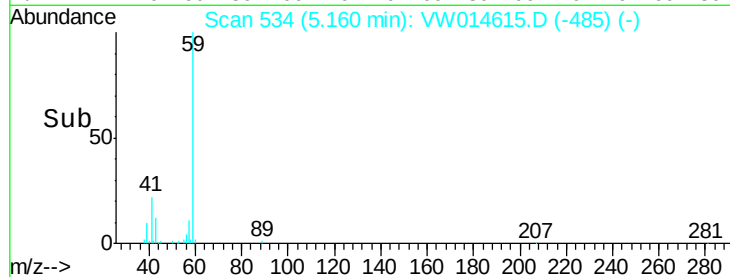
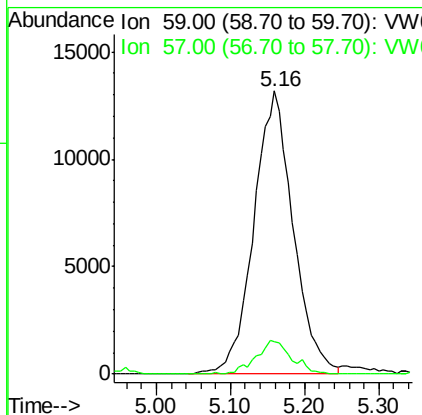
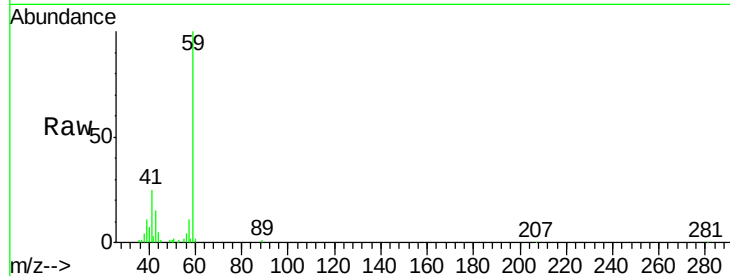
Tert butyl alcohol
 Concen: 84.023 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0113SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	7.8	11.8

Manual Integrations
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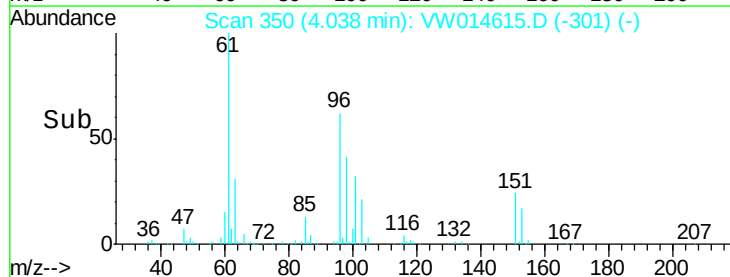
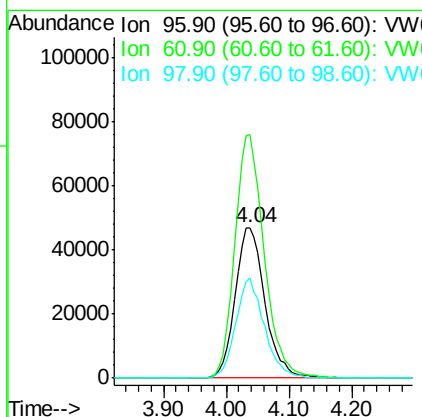
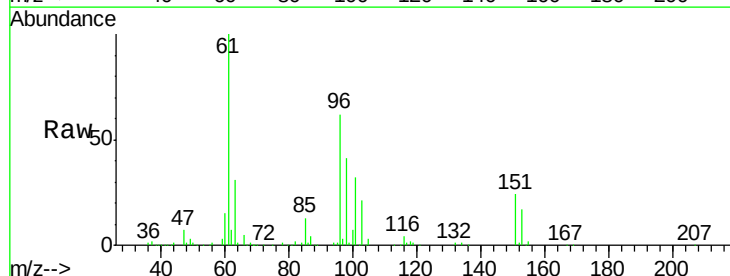
apatel
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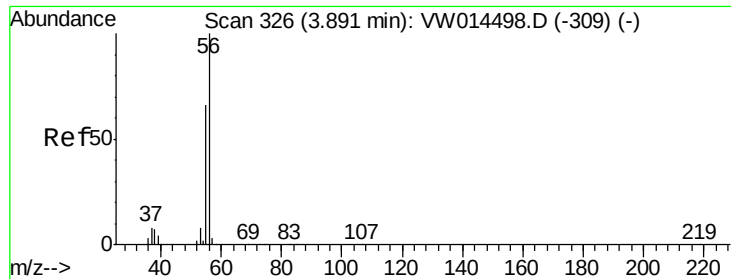


#12

1,1-Dichloroethene
 Concen: 21.275 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.8	128.4	192.6
98	67.0	49.1	73.7





#13

Acrolein

Concen: 87.985 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0113SBS01

Tot Ion: 56 Resp: 48831

Ion Ratio Lower Upper

56 100

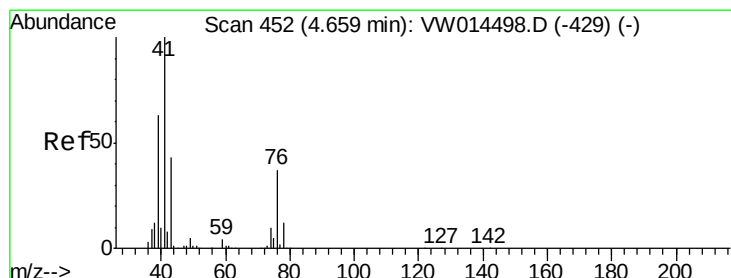
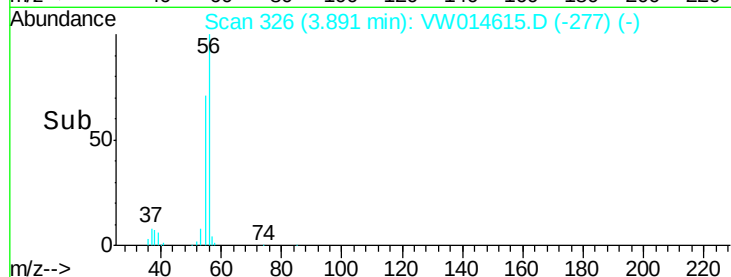
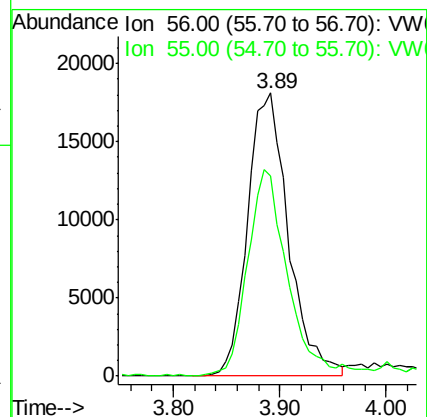
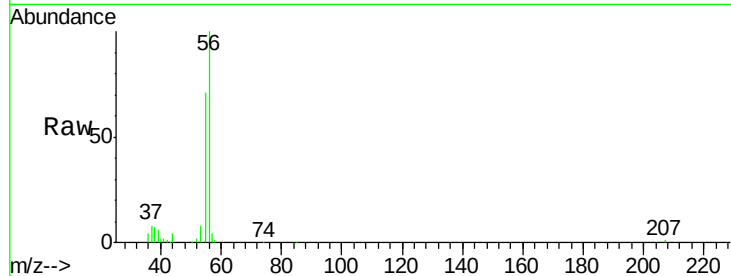
55 69.9 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 20.918 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

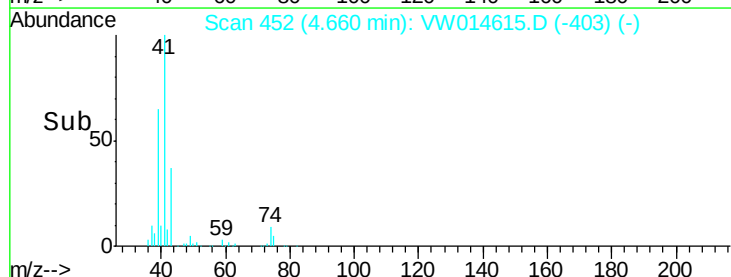
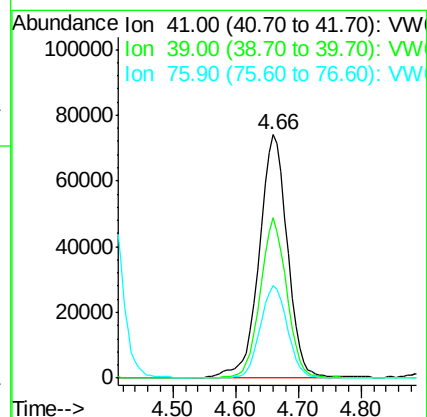
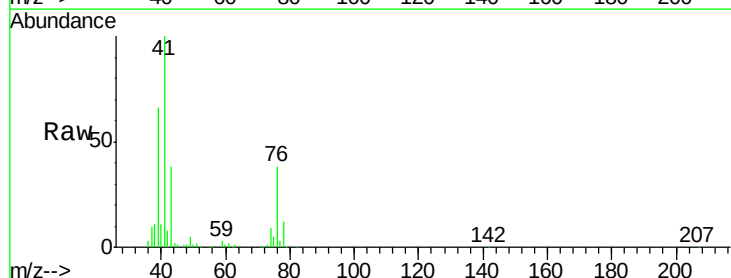
Tgt Ion: 41 Resp: 231354

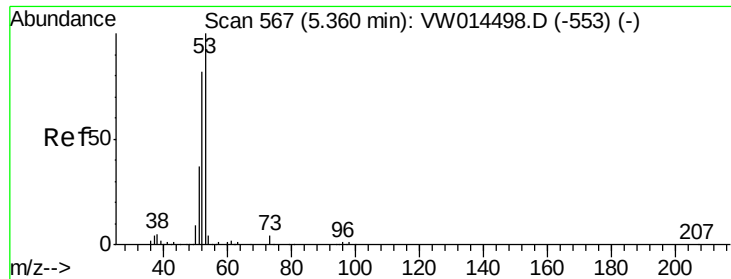
Ion Ratio Lower Upper

41 100

39 61.2 48.5 72.7

76 36.1 28.1 42.1





#15

Acrylonitrile

Concen: 98.841 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

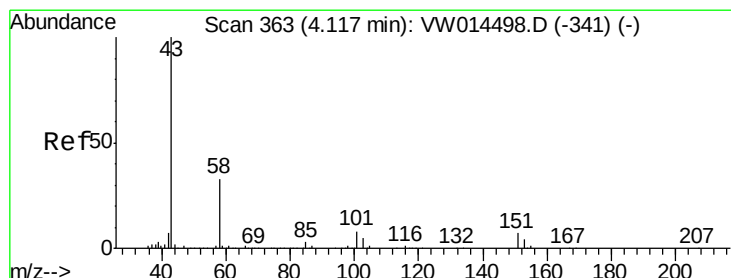
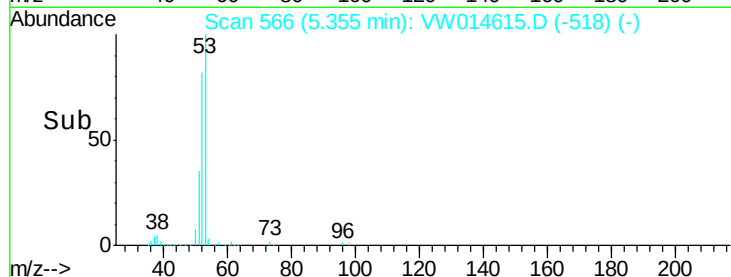
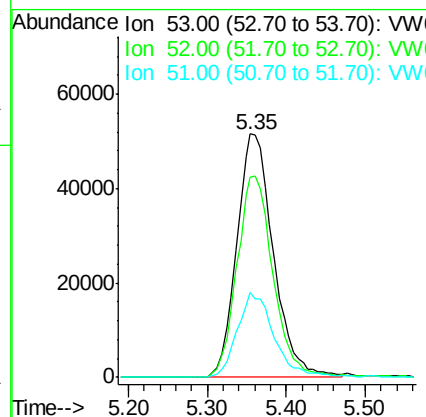
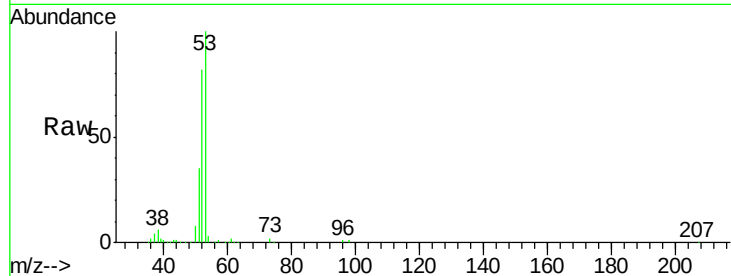
ClientSampleId :

VW0113SBS01

Tot Ion:	53	Resp:	166273
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.5	99.7
51	35.2	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 90.279 ug/l

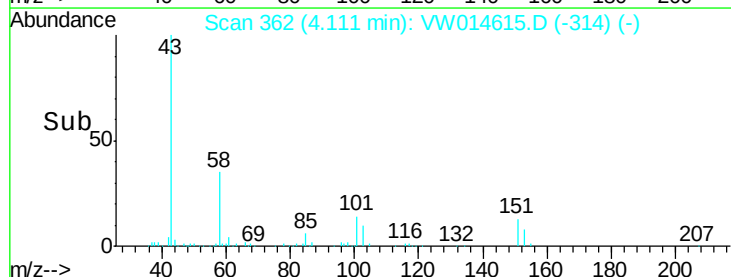
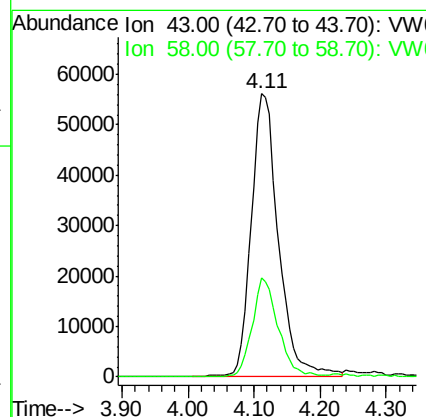
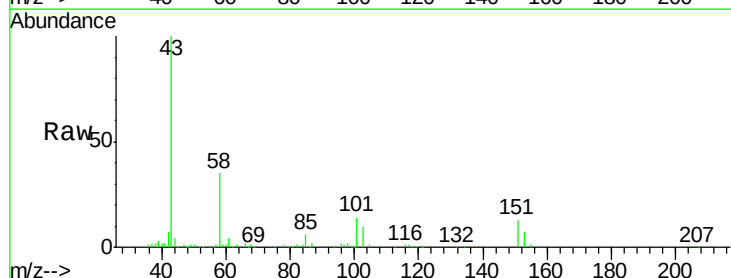
RT: 4.11 min Scan# 362

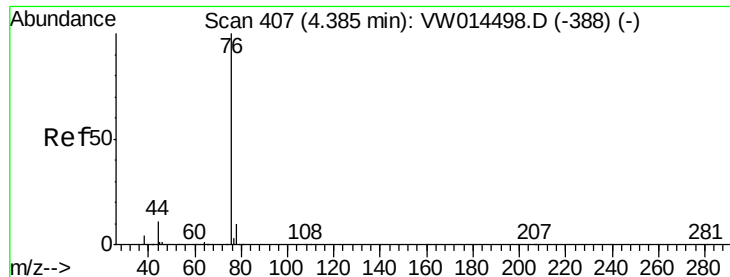
Delta R.T. -0.01 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Tgt Ion:	43	Resp:	162095
Ion Ratio	Lower	Upper	
43	100		
58	34.7	26.6	39.8





#17

Carbon Disulfide

Concen: 20.796 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0113SBS01

Tot Ion: 76 Resp: 453648

Ion Ratio Lower Upper

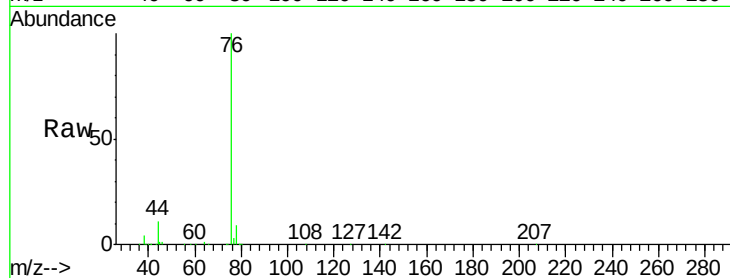
76 100

78 8.6 7.8 11.6

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

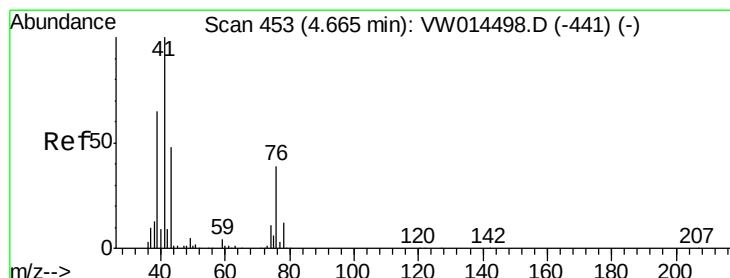
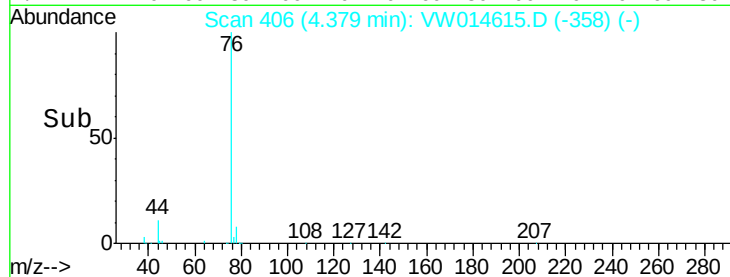
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.647 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW014615.D

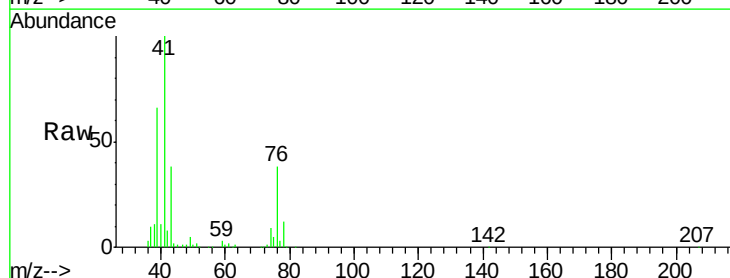
Acq: 13 Jan 2020 11:12

Tgt Ion: 43 Resp: 85196

Ion Ratio Lower Upper

43 100

74 24.5 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.66

30000

25000

20000

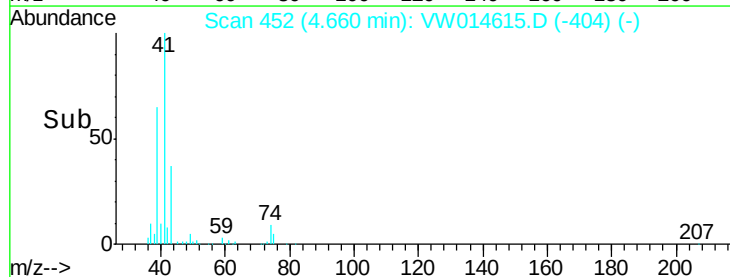
15000

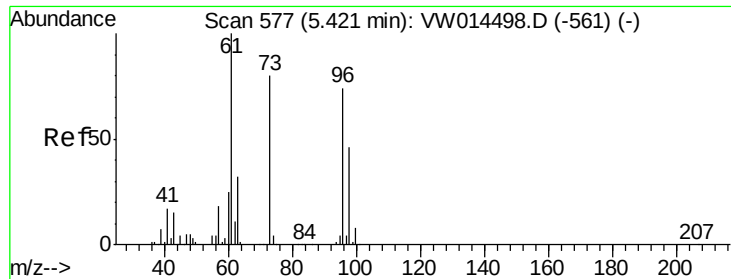
10000

5000

0

Time-->





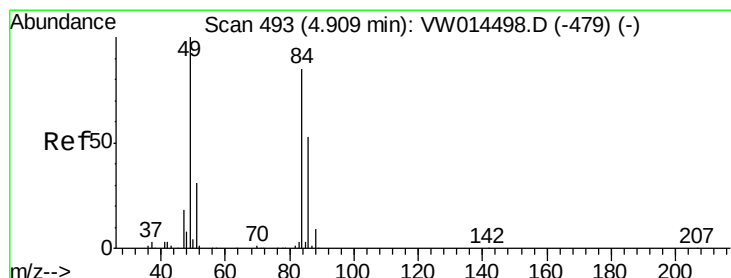
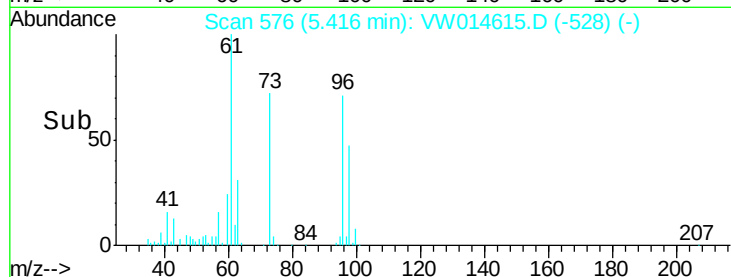
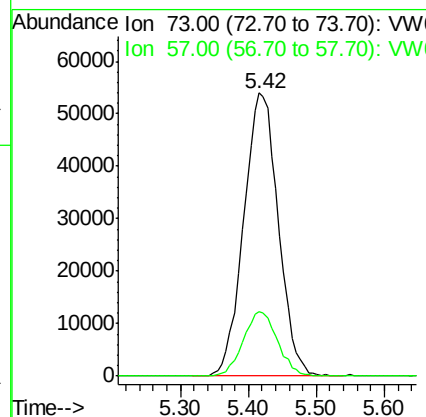
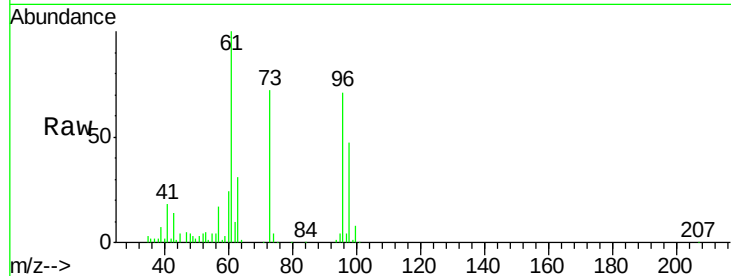
#19
Methyl tert-butyl Ether
Concen: 21.237 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0113SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.1	27.1

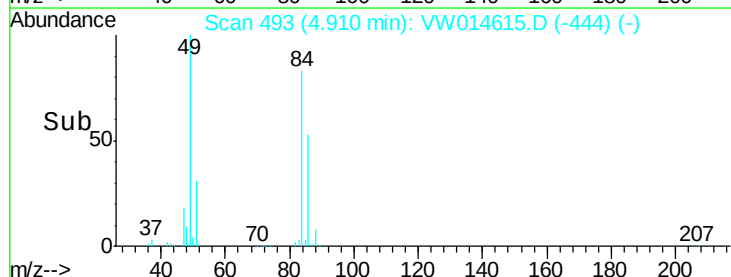
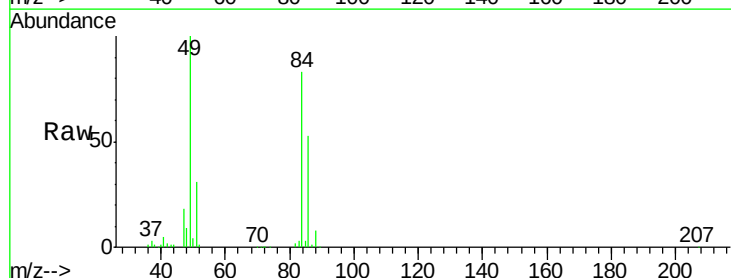
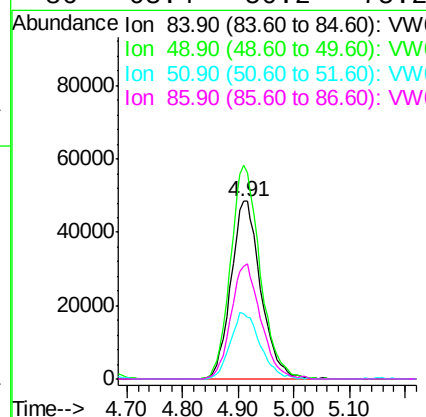
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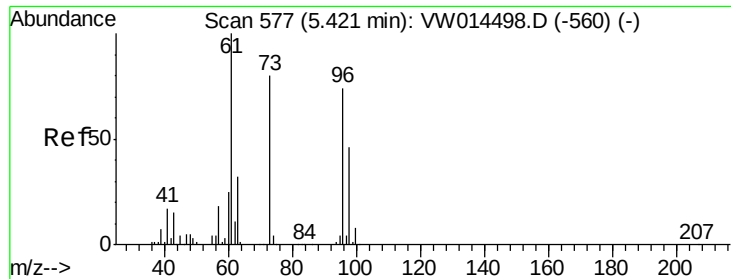
apatel
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#20
Methylene Chloride
Concen: 22.285 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	94.4	141.6
51	36.9	29.5	44.3
86	63.4	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 21.017 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

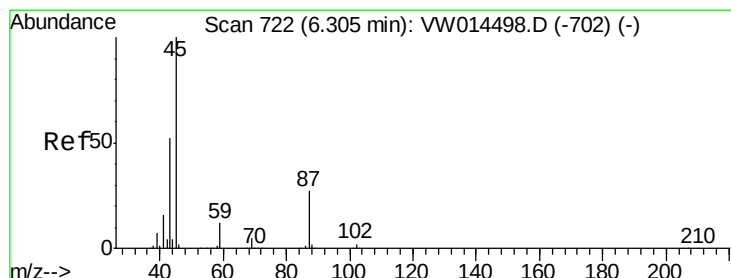
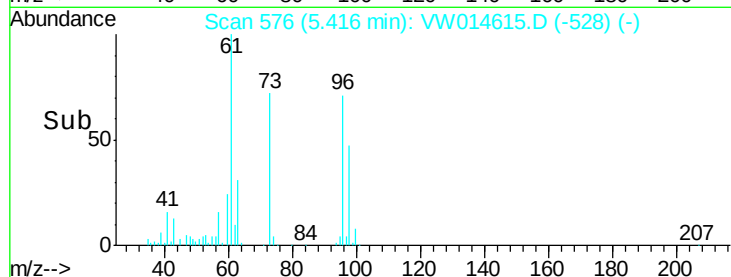
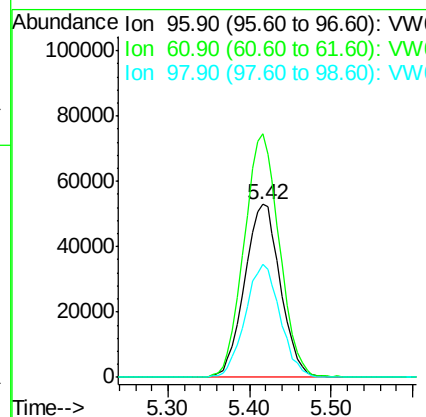
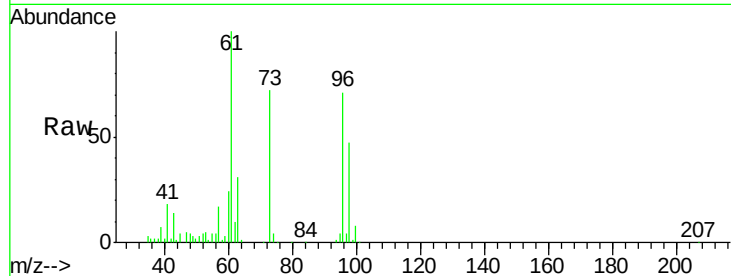
ClientSampled :

VW0113SBS01

Tot Ion:	96	Resp:	161512
Ion	Ratio	Lower	Upper
96	100		
61	140.7	107.8	161.6
98	65.6	49.4	74.0

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#22

Diisopropyl ether

Concen: 21.188 ug/l

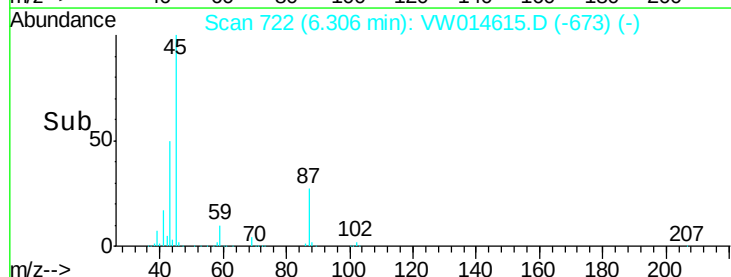
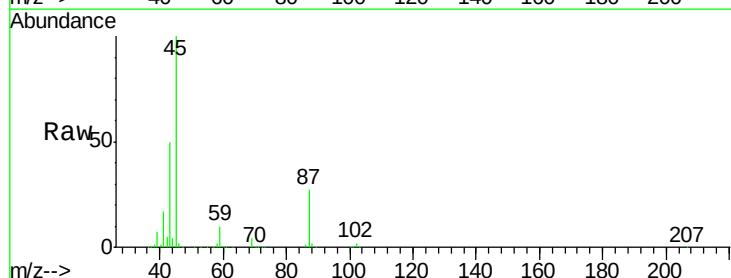
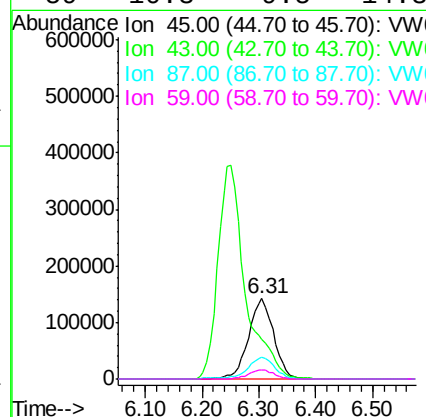
RT: 6.31 min Scan# 722

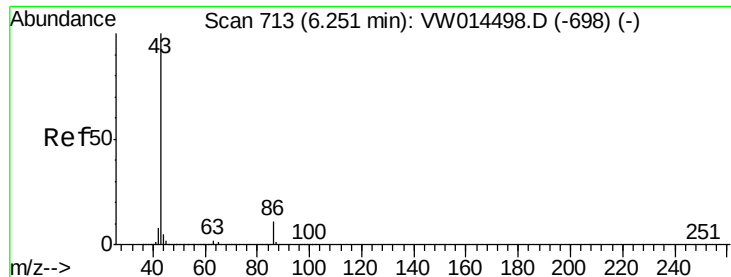
Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Tgt Ion:	45	Resp:	438625
Ion	Ratio	Lower	Upper
45	100		
43	50.2	41.4	62.0
87	26.9	22.2	33.2
59	10.3	9.5	14.3





#23

Vinyl Acetate

Concen: 100.885 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0113SBS01

Tot Ion: 43 Resp: 1261136

Ion Ratio Lower Upper

43 100

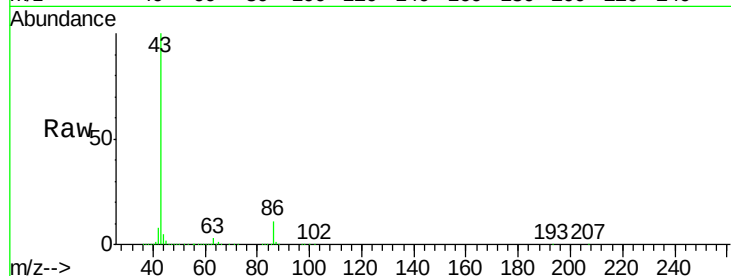
86 10.7 8.8 13.2

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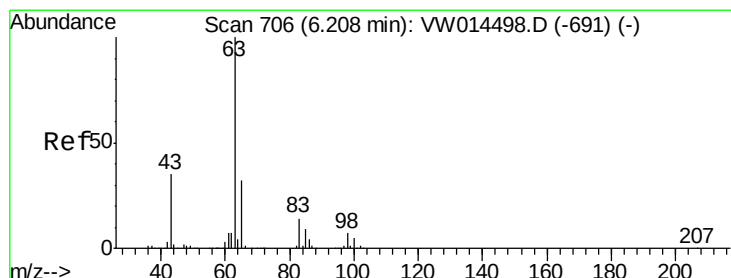
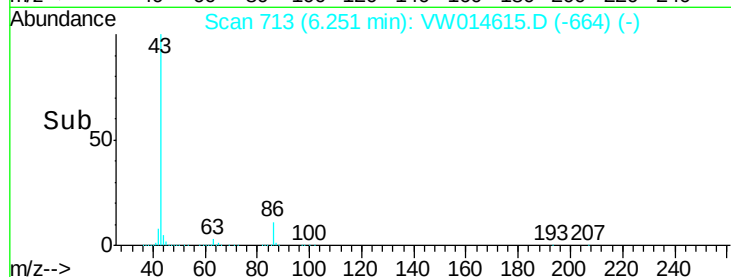
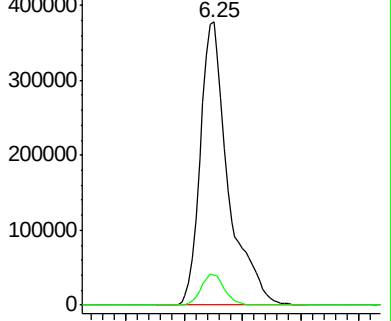
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.511 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

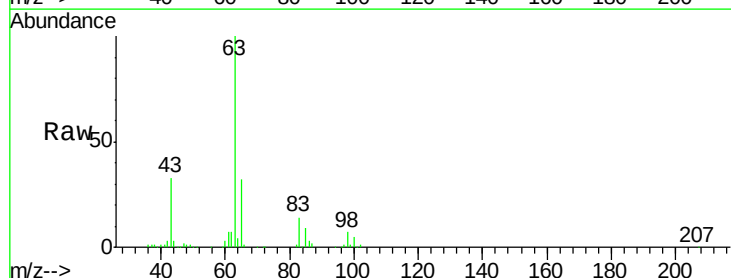
Tgt Ion: 63 Resp: 280894

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

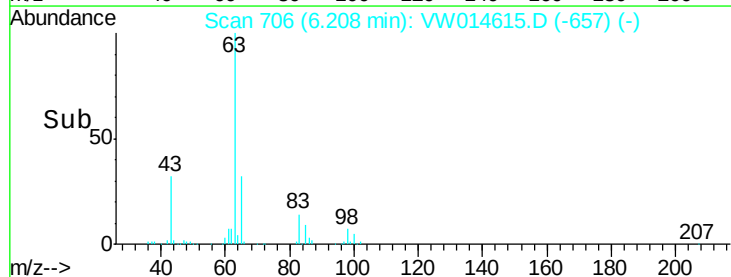
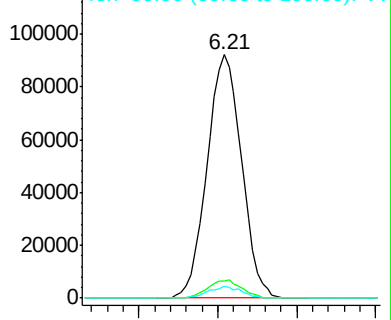
100 5.0 2.5 7.4

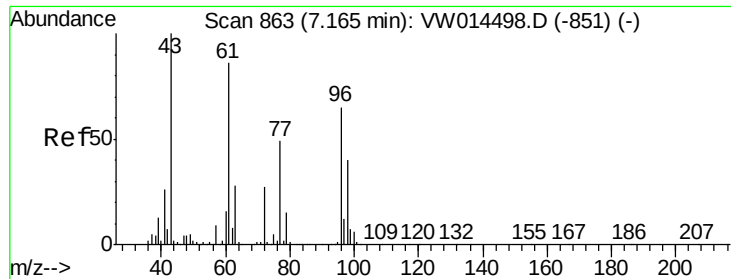


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





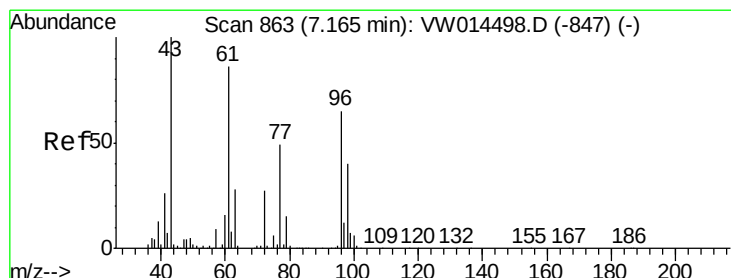
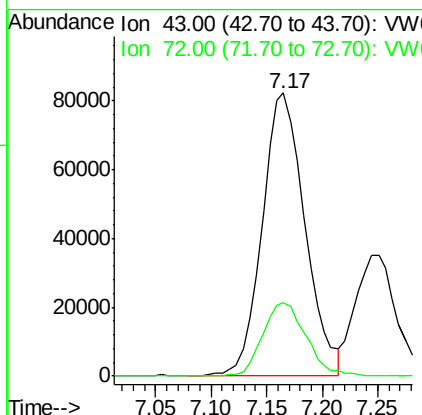
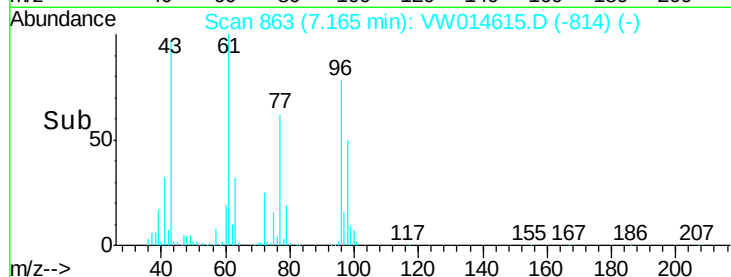
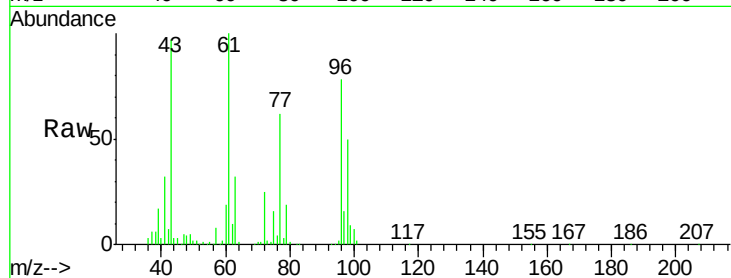
#25
2-Butanone
Concen: 95.196 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Instrument :
MSVOA_W
ClientSampled :
VW0113SBS01

Tot Ion: 43 Resp: 219349
Ion Ratio Lower Upper
43 100
72 25.8 21.9 32.9

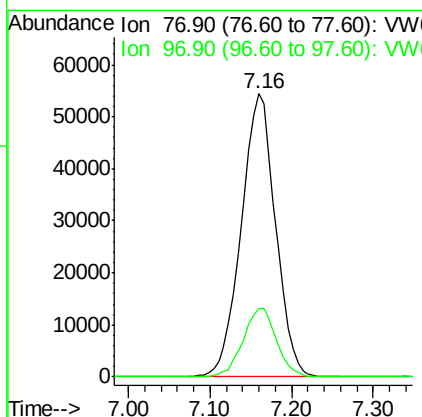
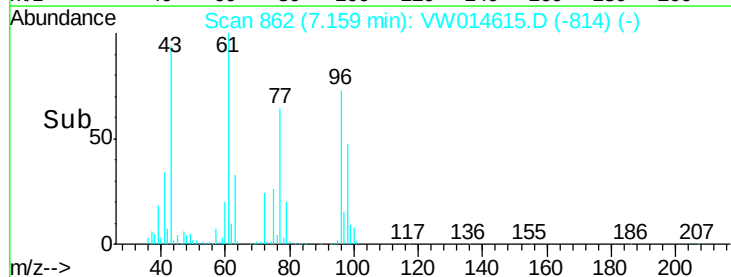
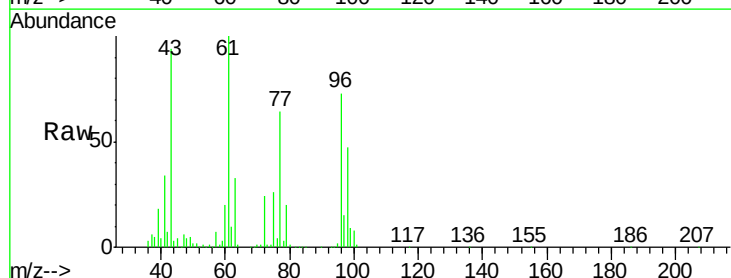
Manual Integrations
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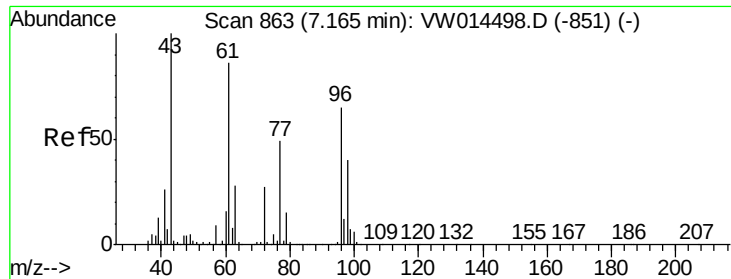
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#26
2,2-Dichloropropane
Concen: 22.026 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion: 77 Resp: 159243
Ion Ratio Lower Upper
77 100
97 23.6 12.5 37.5





#27

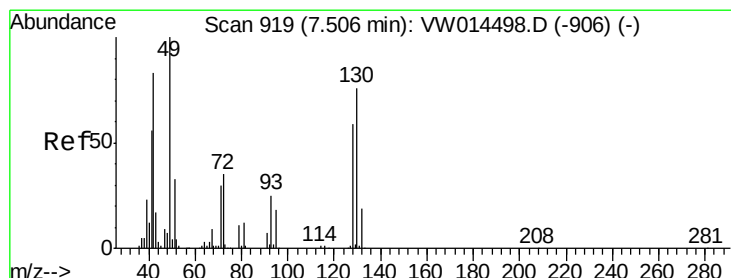
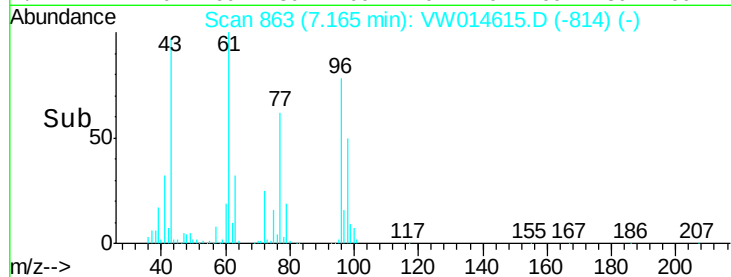
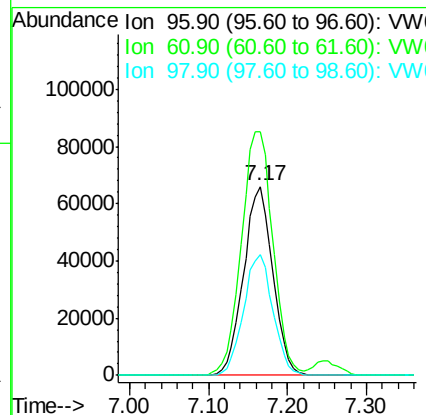
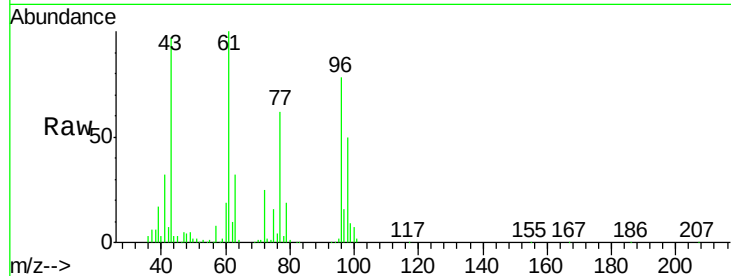
cis-1,2-Dichloroethene
Concen: 21.030 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0113SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	169821		
61	139.8	0.0	274.8	
98	64.4	0.0	128.6	

Manual Integrations
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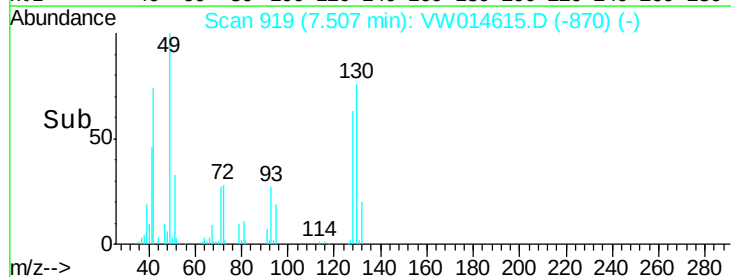
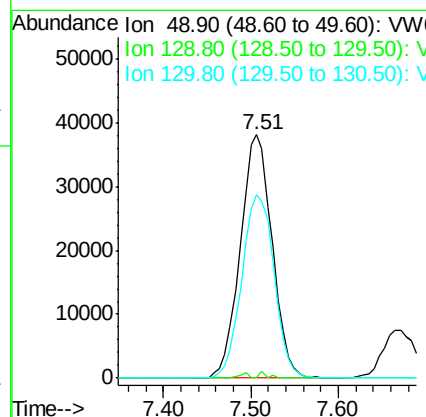
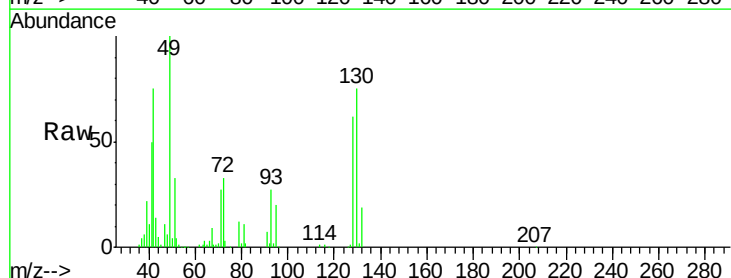
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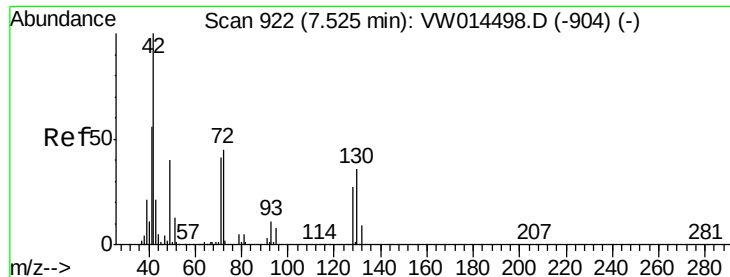


#28

Bromochloromethane
Concen: 18.840 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	96451		
129	0.6	0.0	2.0	
130	76.6	62.5	93.7	





#29

Tetrahydrofuran

Concen: 95.538 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

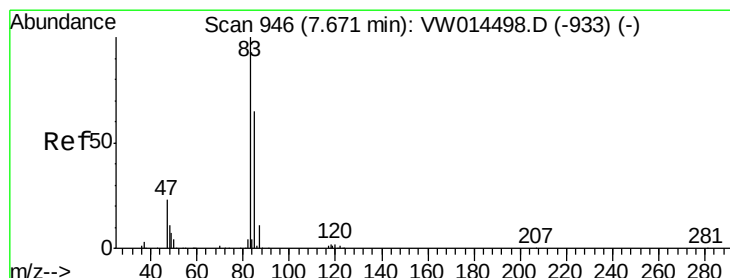
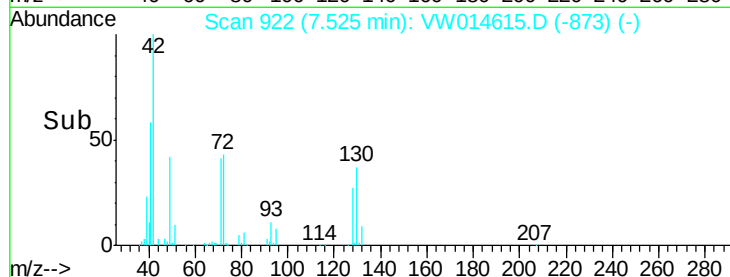
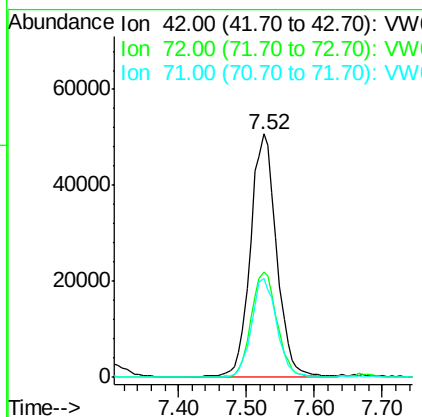
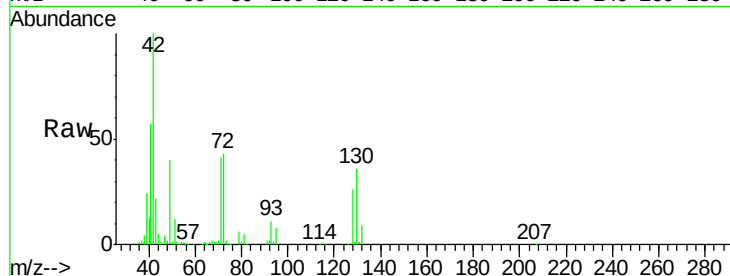
ClientSampleId :

VW0113SBS01

Tot Ion:	42	Resp:	136376
Ion Ratio		Lower	Upper
42	100		
72	42.9	34.5	51.7
71	39.1	32.0	48.0

Manual Integrations
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#30

Chloroform

Concen: 21.358 ug/l

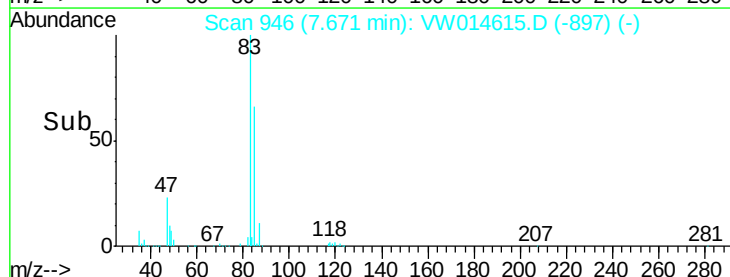
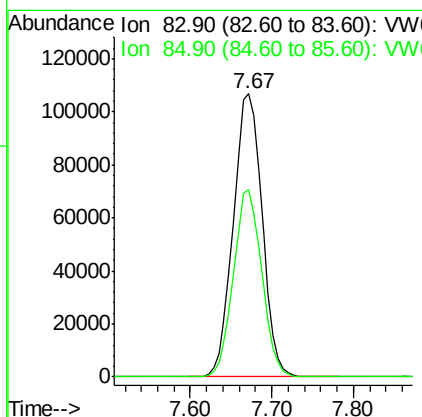
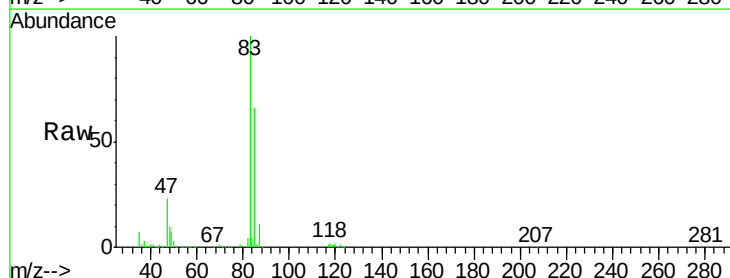
RT: 7.67 min Scan# 946

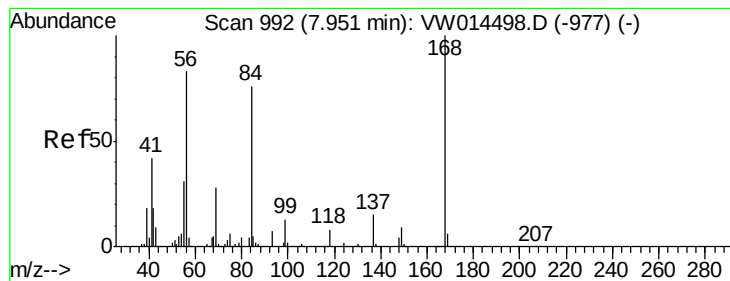
Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Tgt Ion:	83	Resp:	260810
Ion Ratio		Lower	Upper
83	100		
85	66.2	52.2	78.2





#31

Cyclohexane

Concen: 21.088 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

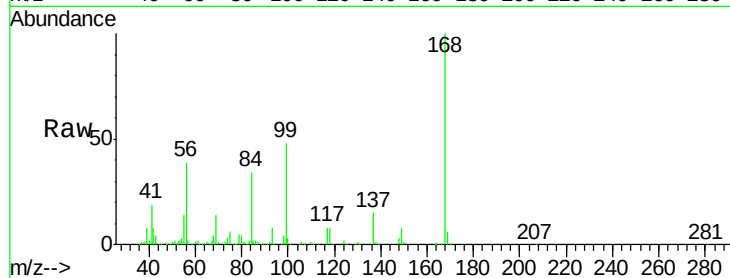
ClientSampleId :

VW0113SBS01

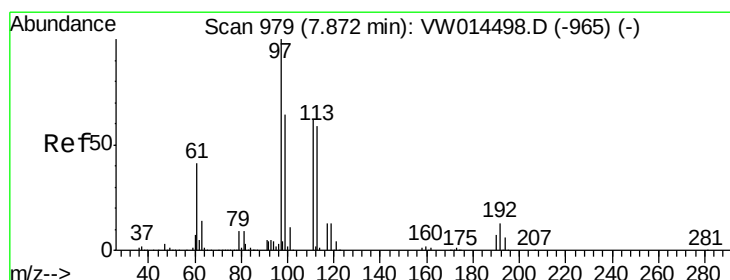
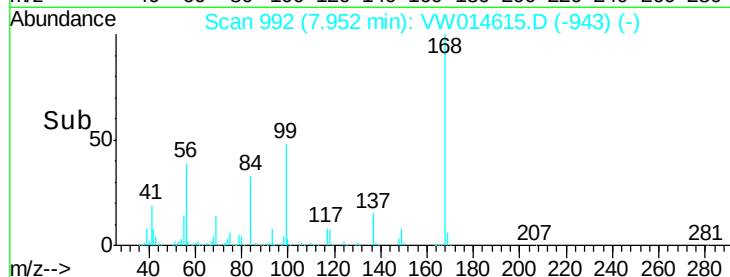
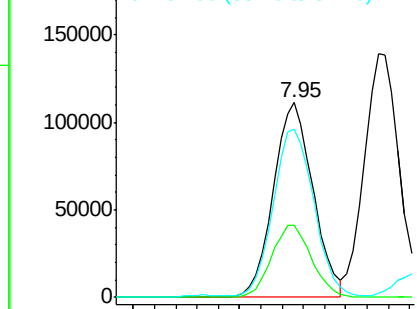
Tot Ion	56	Resp	286176
Ion Ratio	Lower	Upper	
56	100		
69	37.2	26.8	40.2
84	85.9	71.8	107.6

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 21.794 ug/l

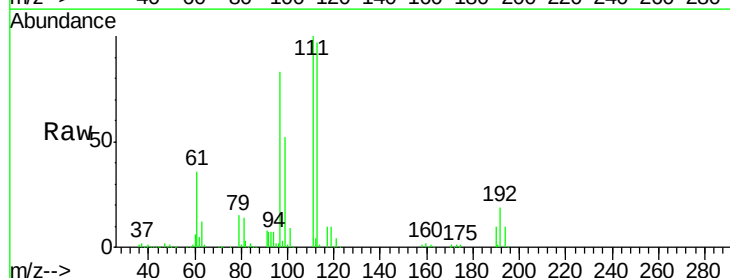
RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

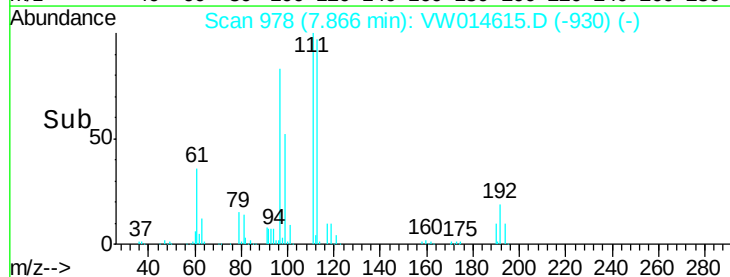
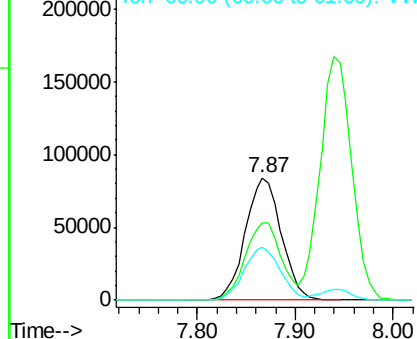
Lab File: VW014615.D

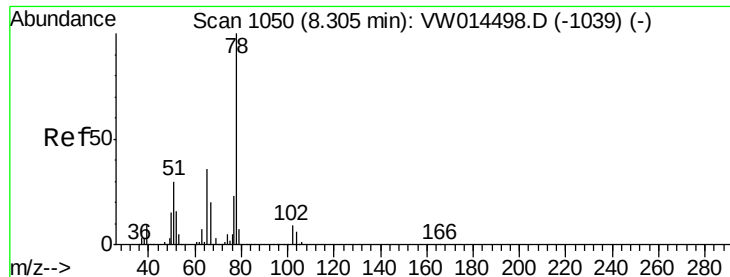
Acq: 13 Jan 2020 11:12

Tgt Ion	97	Resp	214036
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.8	77.6
61	43.4	33.8	50.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





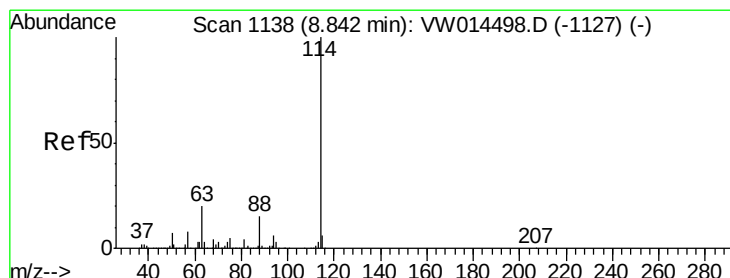
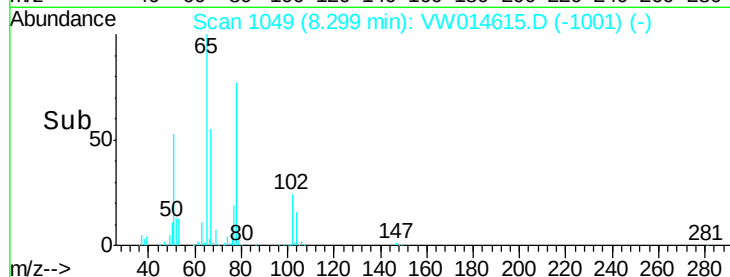
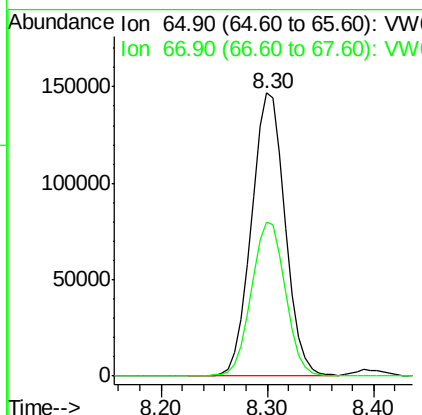
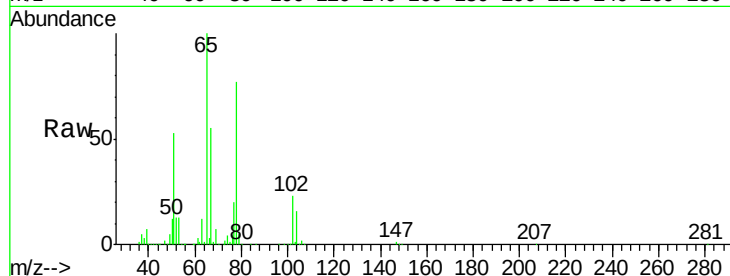
#33
 1,2-Dichloroethane-d4
 Concen: 51.249 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0113SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	108.4

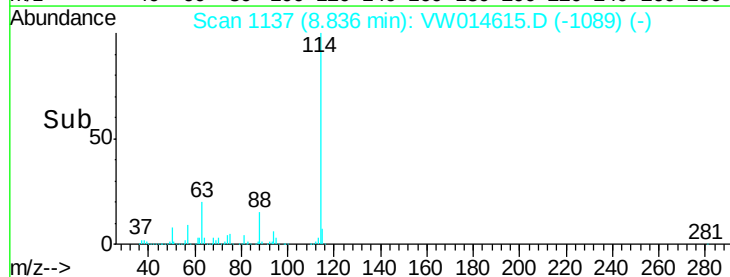
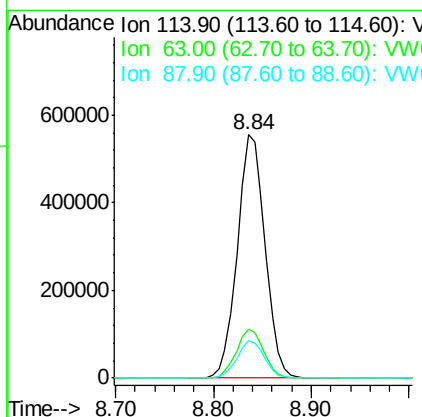
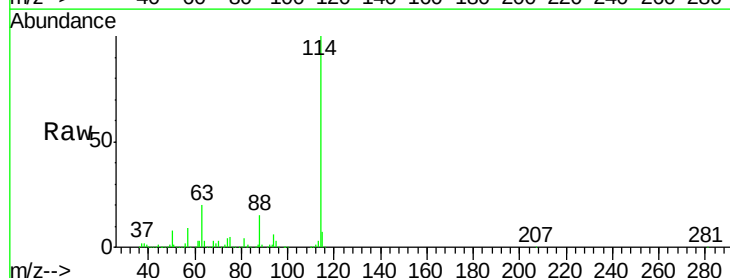
Manual Integrations
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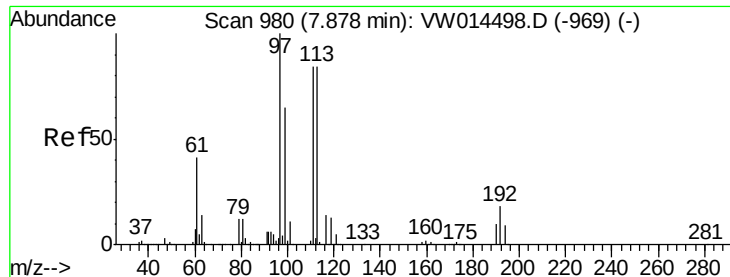
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.4
88	15.5	0.0	30.6





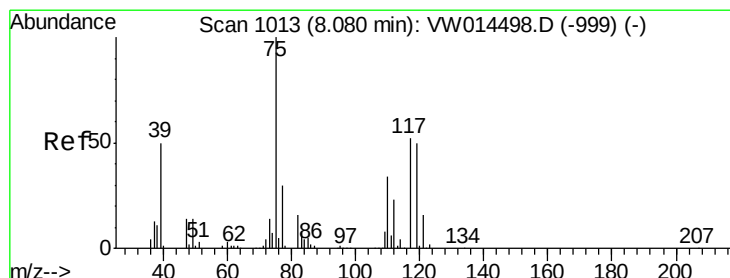
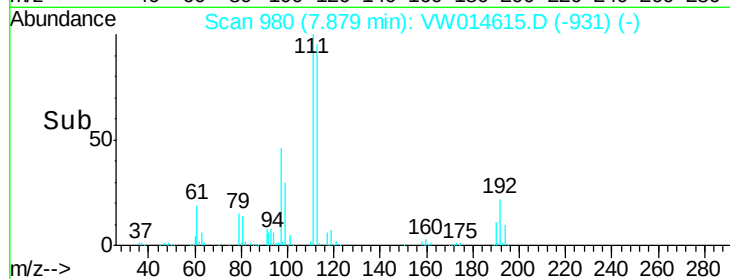
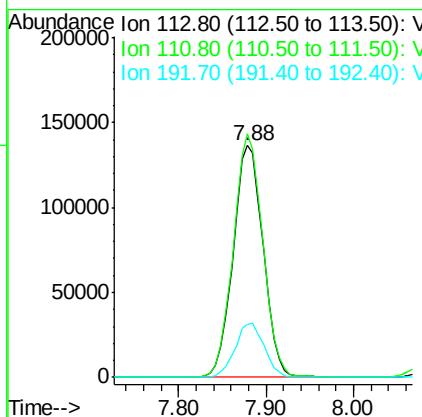
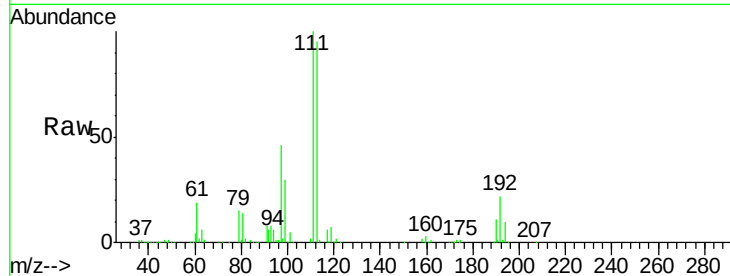
#35
 Dibromofluoromethane
 Concen: 52.548 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Instrument :
 MSVOA_W
 ClientSampled :
 VW0113SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	81.4	122.2	
192	22.8	17.8	26.8	

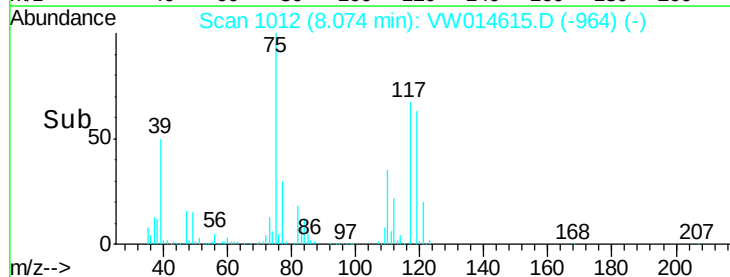
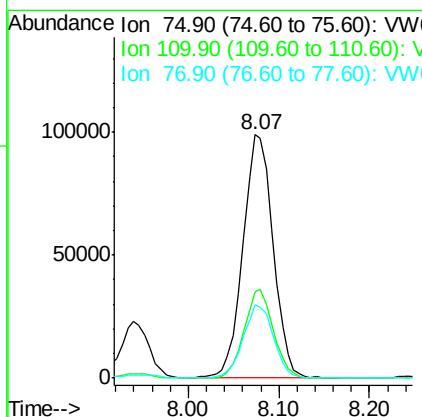
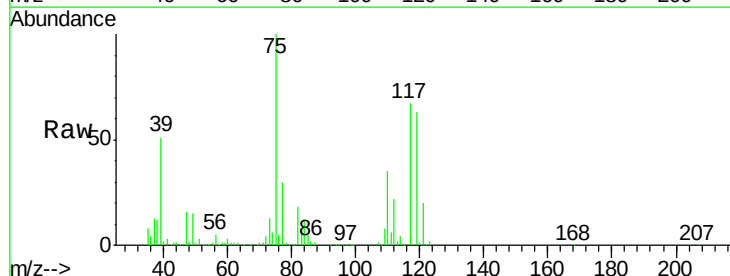
Manual Integrations
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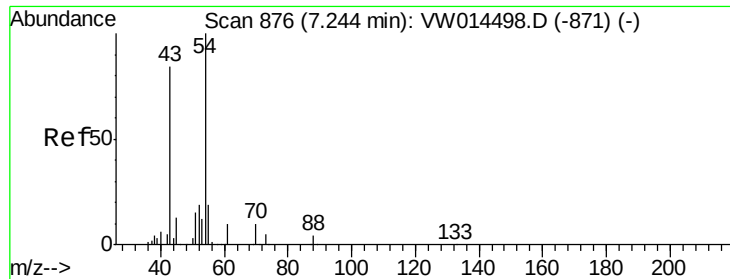
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#36
 1,1-Dichloropropene
 Concen: 21.717 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.2	17.8	53.5	
77	30.5	24.7	37.1	





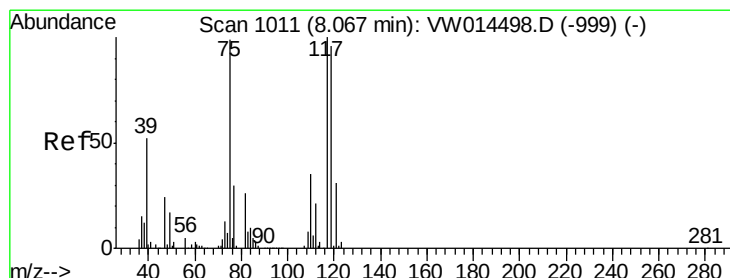
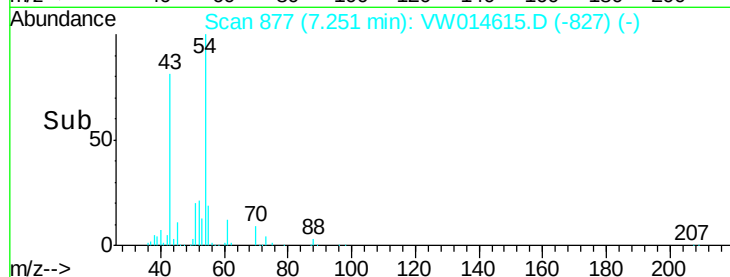
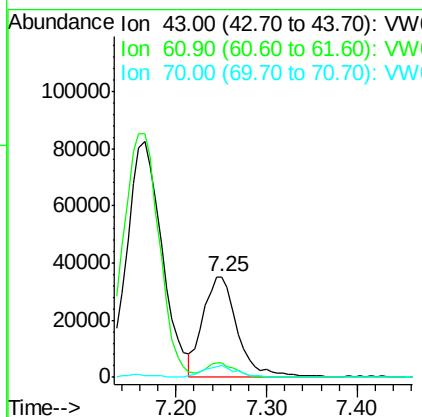
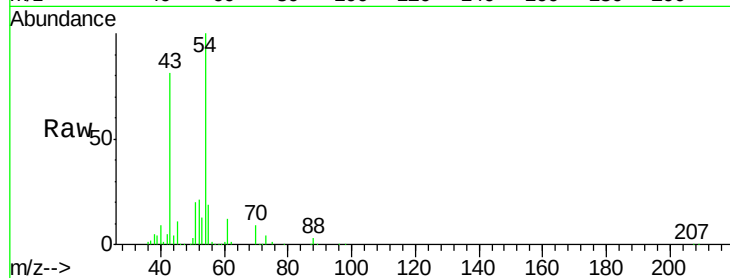
#37
Ethyl Acetate
Concen: 19.230 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0113SBS01

Tot Ion	43	Resp	91373
Ion Ratio	Lower	Upper	
43	100		
61	13.2	11.7	17.5
70	11.5	9.0	13.6

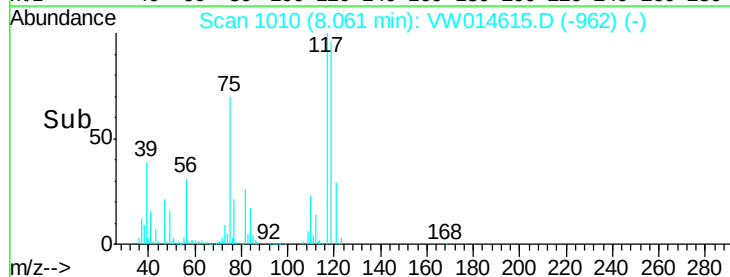
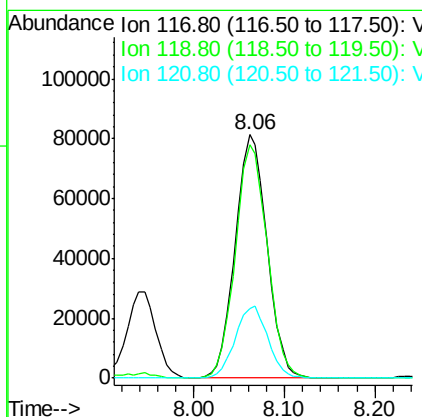
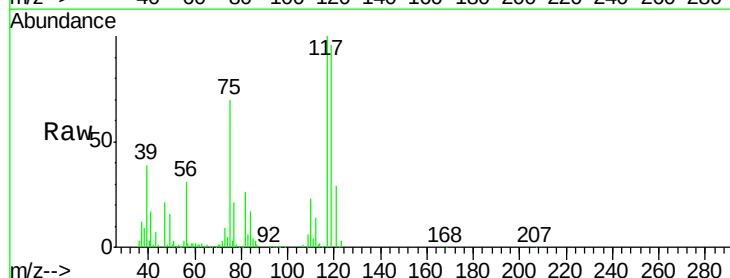
Manual Integrations
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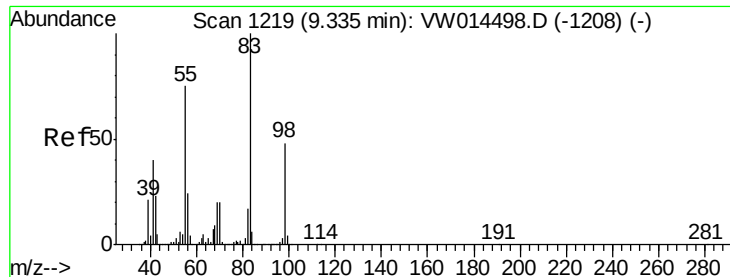
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#38
Carbon Tetrachloride
Concen: 21.795 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion	117	Resp	198099
Ion Ratio	Lower	Upper	
117	100		
119	95.8	77.0	115.6
121	28.7	24.6	36.8





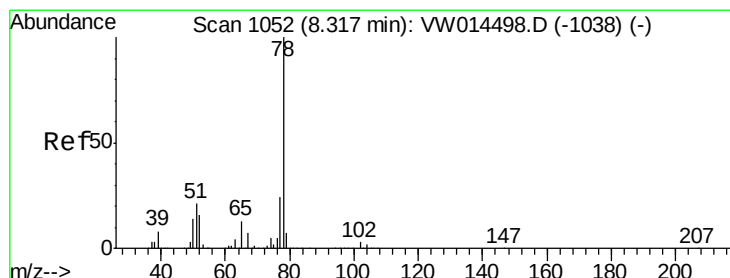
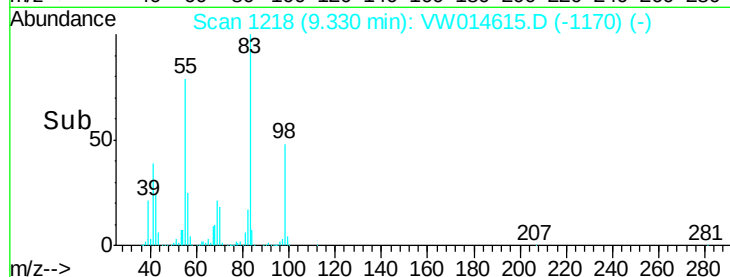
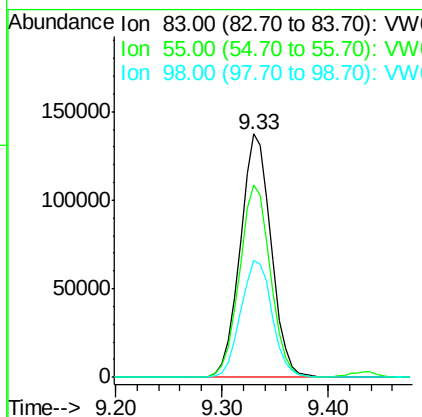
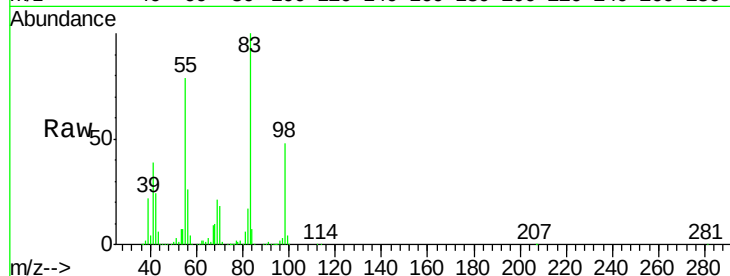
#39
Methylvlcyclohexane
Concen: 20.783 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0113SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	60.1	90.1
98	47.8	38.8	58.2

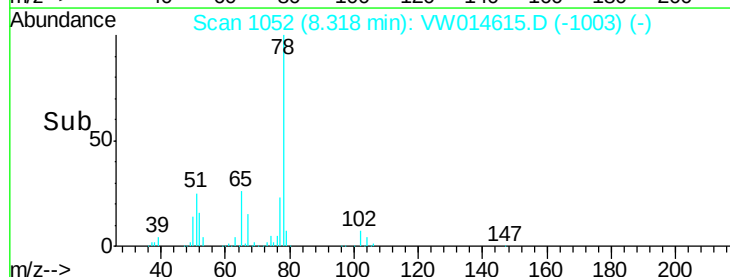
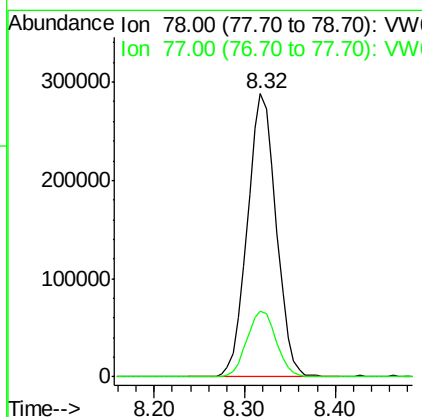
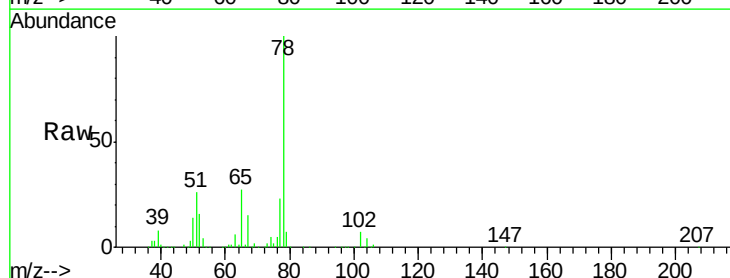
Manual Integrations
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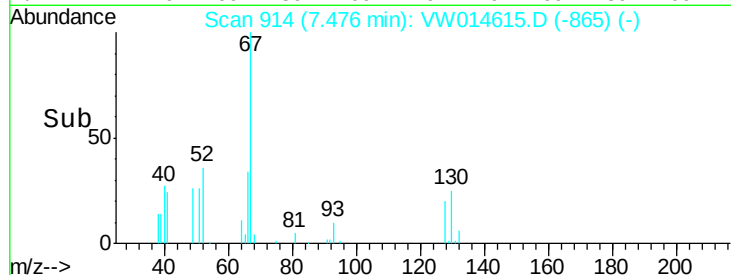
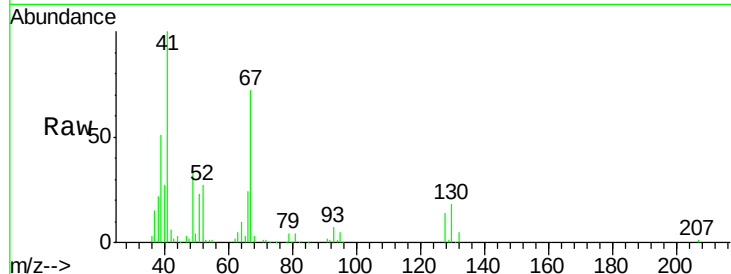
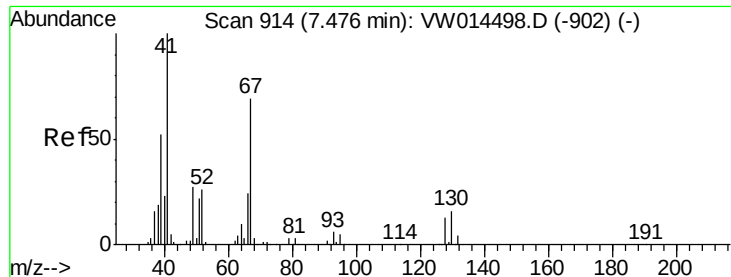
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#40
Benzene
Concen: 21.349 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.3	28.9





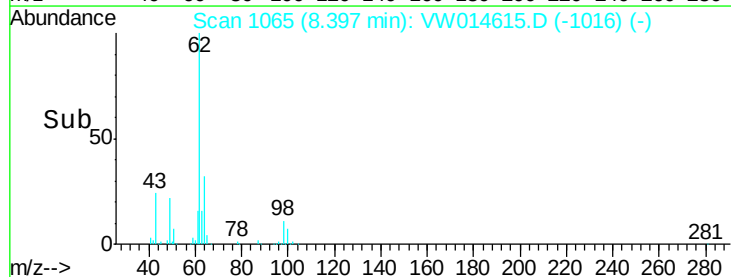
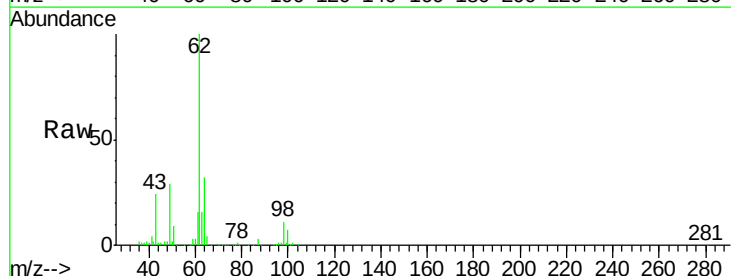
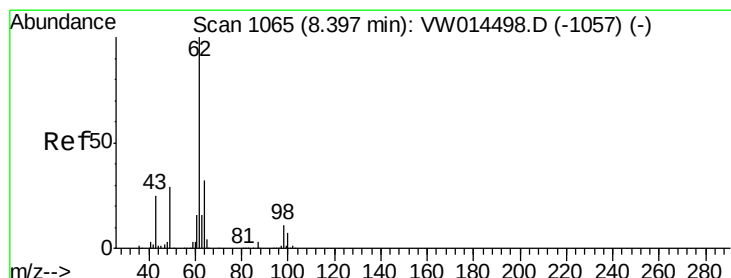
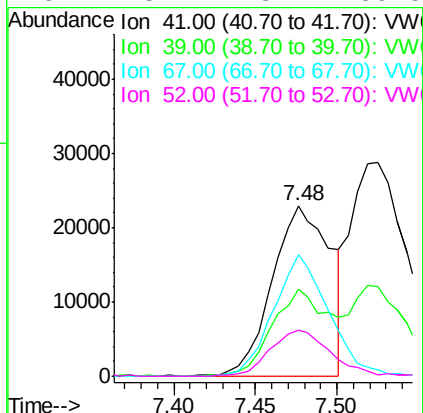
#41
Methacrylonitrile
Concen: 21.617 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tot Ion	41	Resp	57257
Ion	Ratio	Lower	Upper
41	100		
39	49.3	46.0	69.0
67	67.6	60.8	91.2
52	28.2	23.7	35.5

Instrument :
MSVOA_W
ClientSampleId :
VW0113SBS01

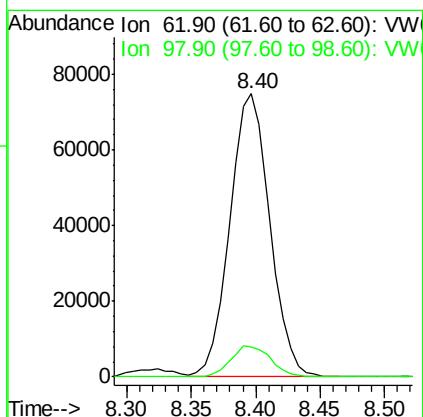
Manual Integrations
APPROVED

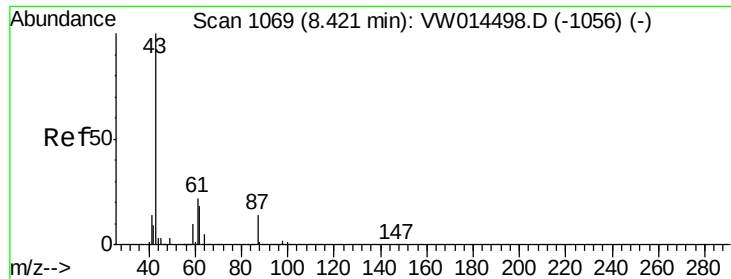
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#42
1,2-Dichloroethane
Concen: 20.874 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion	62	Resp	160568
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.0





#43

Isopropyl Acetate

Concen: 19.457 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

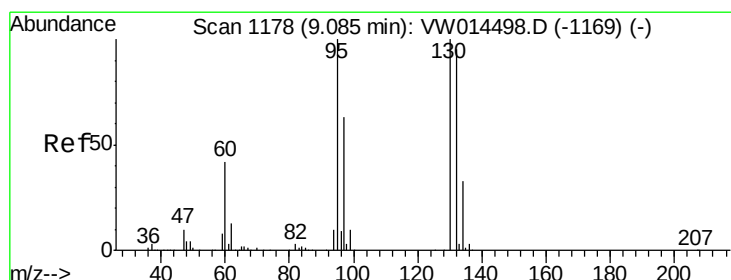
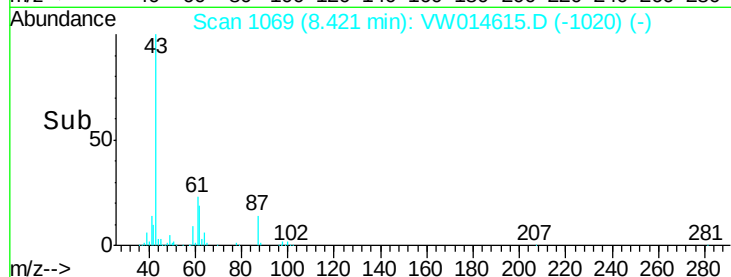
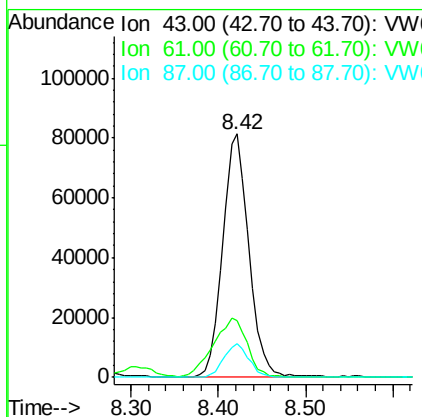
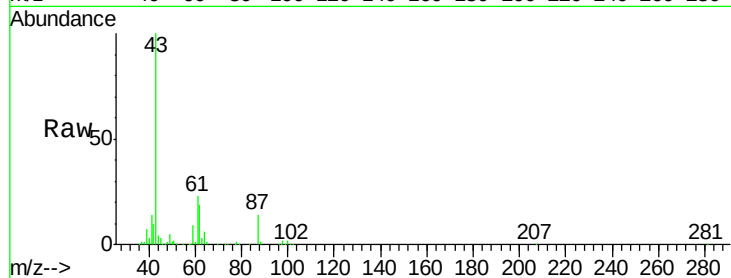
ClientSampled :

VW0113SBS01

Tot Ion:	43	Resp:	167880
Ion	Ratio	Lower	Upper
43	100		
61	31.6	24.7	37.1
87	13.4	11.1	16.7

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#44

Trichloroethene

Concen: 21.017 ug/l

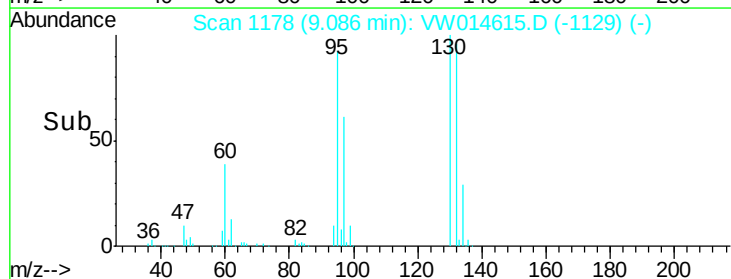
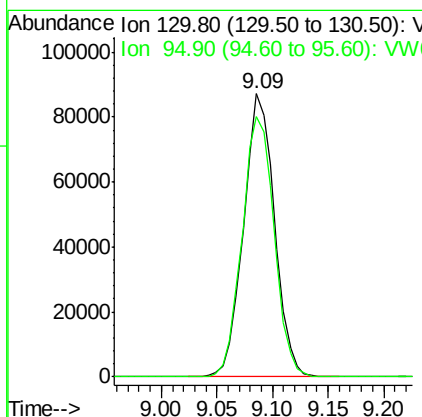
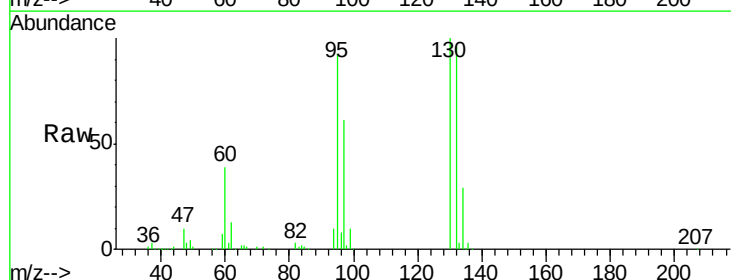
RT: 9.09 min Scan# 1178

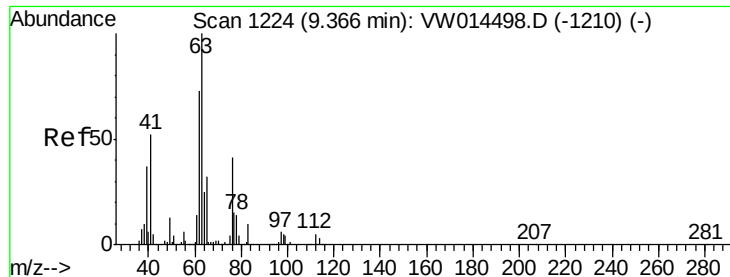
Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Tgt Ion:	130	Resp:	168577
Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	199.4





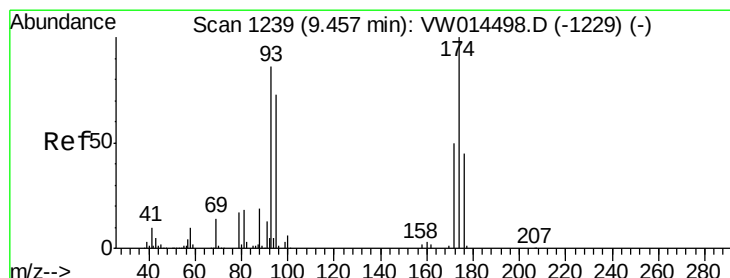
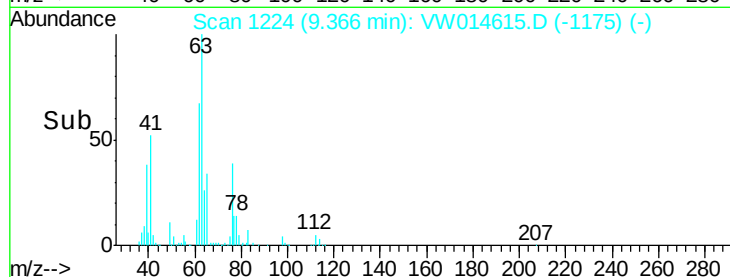
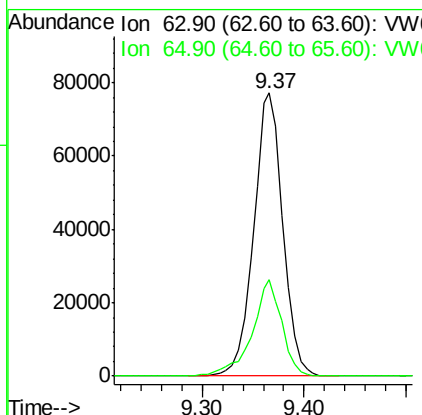
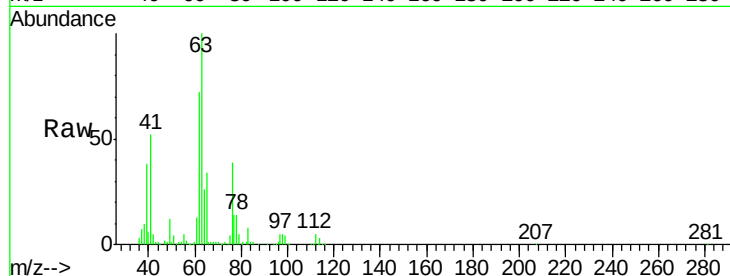
#45
 1,2-Dichloropropane
 Concen: 21.072 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0113SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	34.2	25.6	38.4

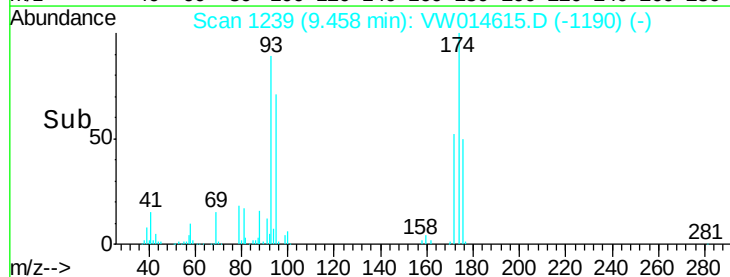
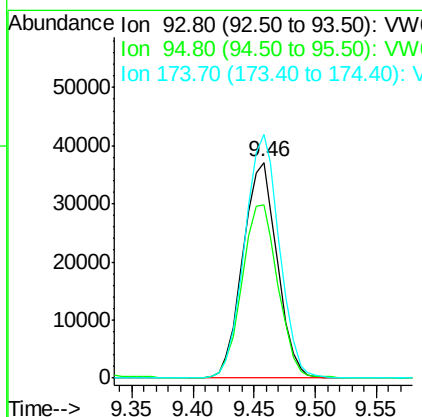
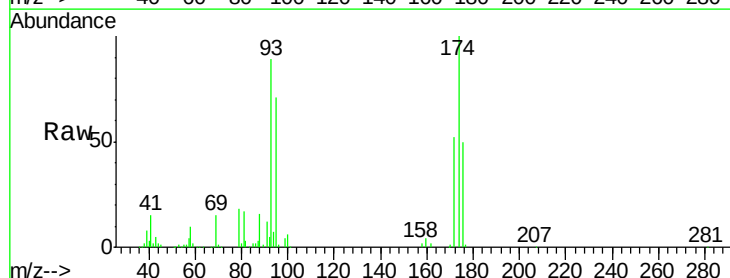
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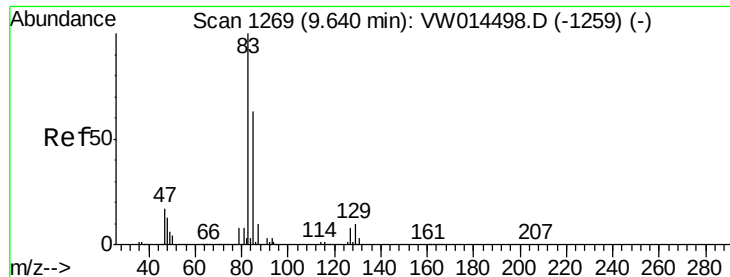
apatel
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#46
 Dibromomethane
 Concen: 20.240 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	66.4	99.6
174	114.3	89.1	133.7





#47

Bromodichloromethane

Concen: 20.882 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

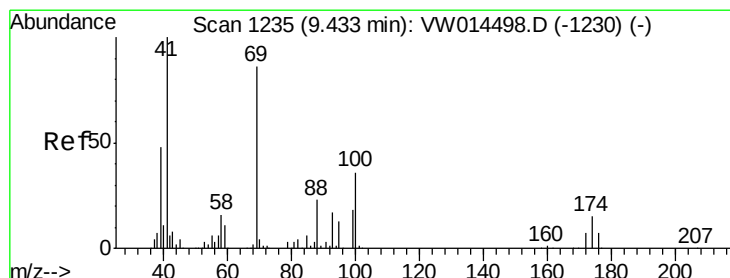
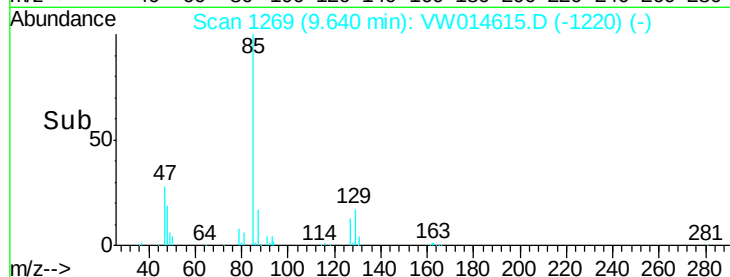
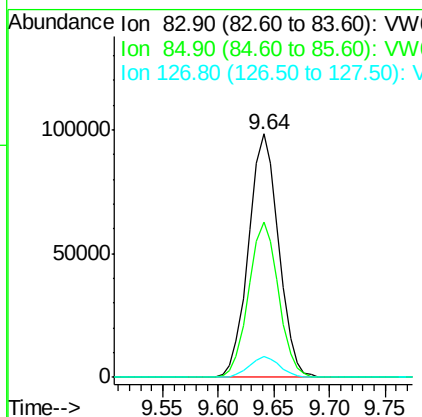
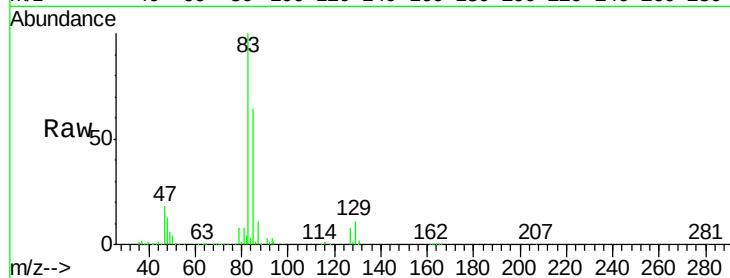
ClientSampled :

VW0113SBS01

Tot Ion:	83	Resp:	185132
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.6	76.0
127	8.4	6.6	9.8

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#48

Methyl methacrylate

Concen: 19.130 ug/l

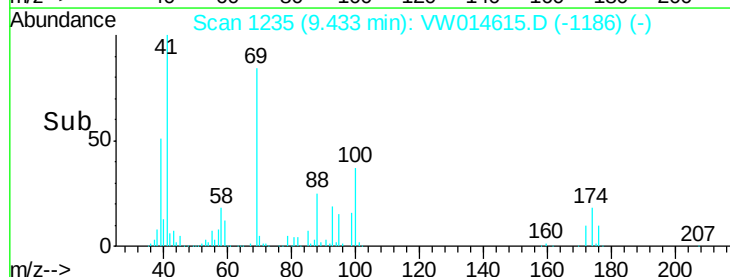
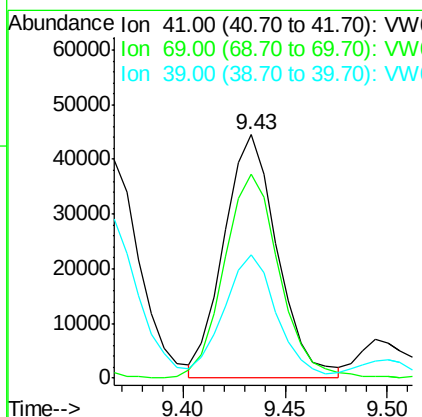
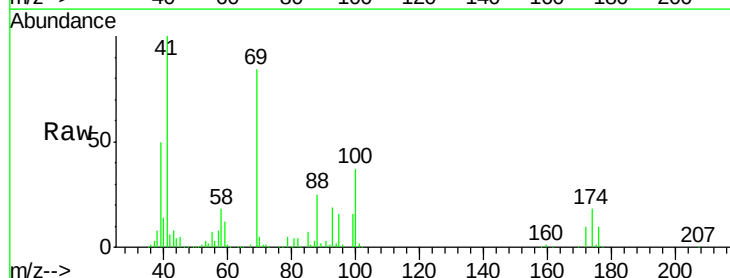
RT: 9.43 min Scan# 1235

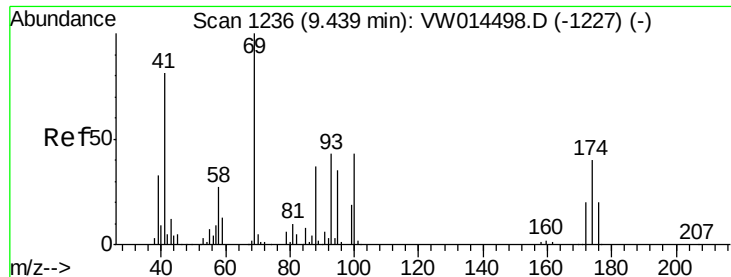
Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Tgt Ion:	41	Resp:	80588
Ion	Ratio	Lower	Upper
41	100		
69	86.5	68.3	102.5
39	46.1	36.8	55.2





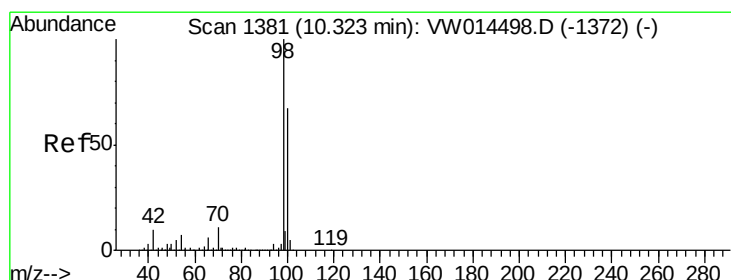
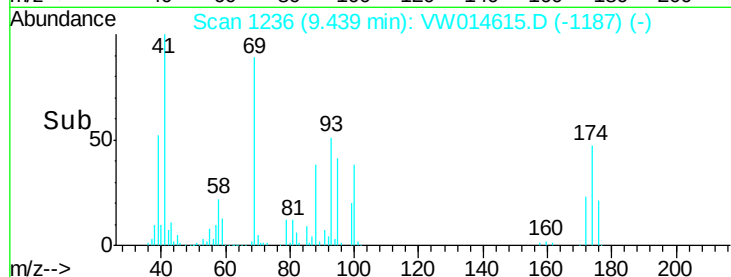
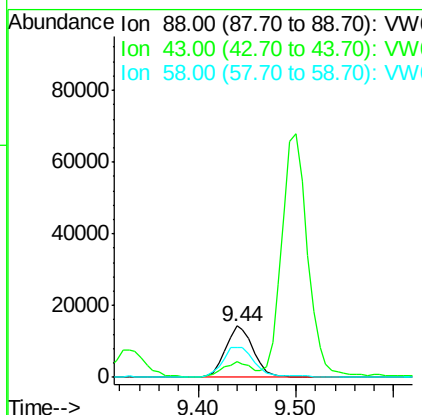
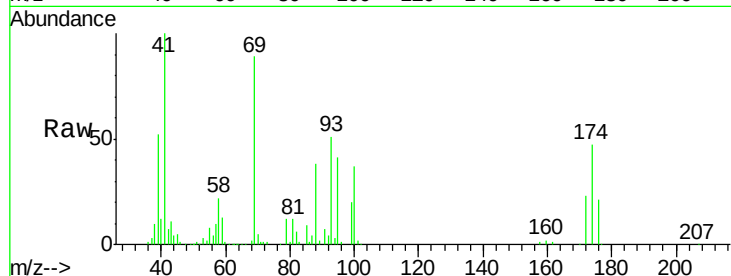
#49
1,4-Dioxane
Concen: 422.618 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0113SBS01

Tot Ion	88	Resp	28384
Ion	Ratio	Lower	Upper
88	100		
43	29.2	24.9	37.3
58	66.0	56.9	85.3

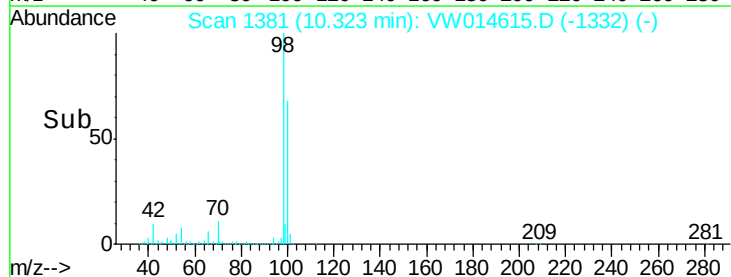
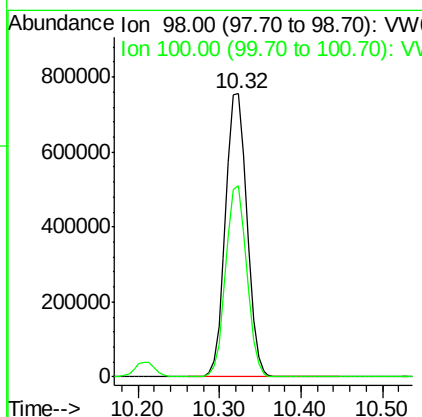
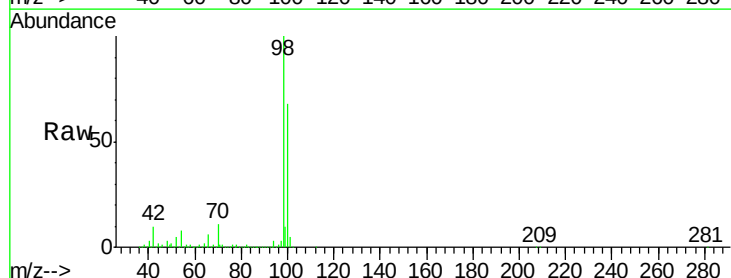
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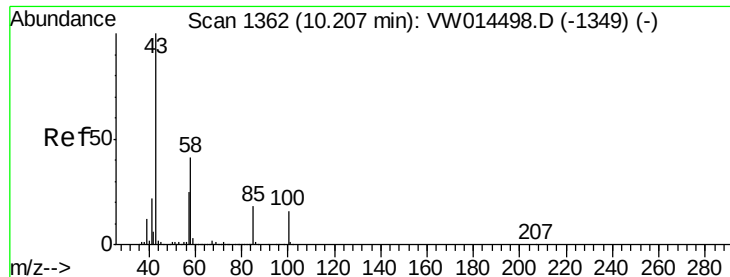
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#50
Toluene-d8
Concen: 52.966 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion	98	Resp	1372862
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.8	80.6





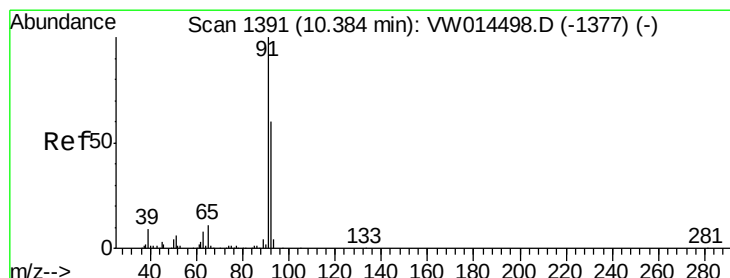
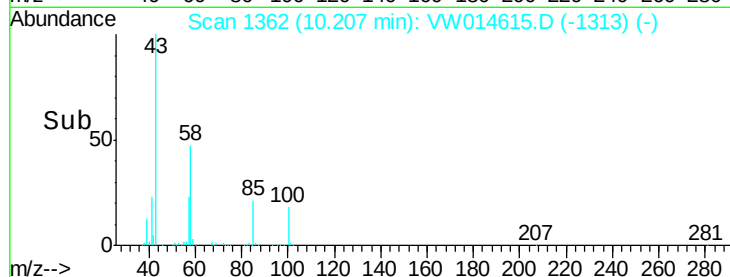
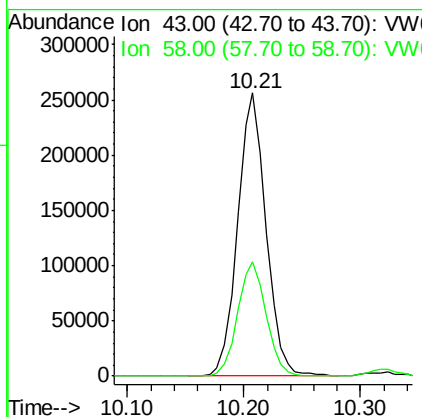
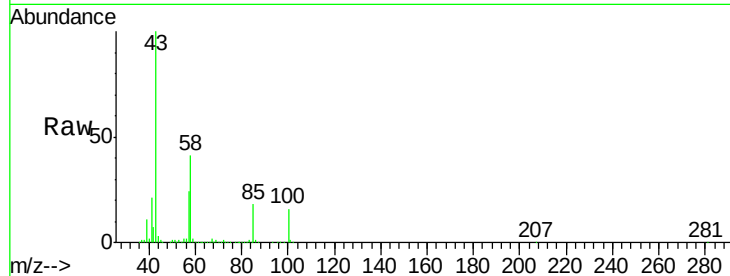
#51
4-Methyl-2-Pentanone
Concen: 96.956 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0113SBS01

Tot Ion: 43 Resp: 434427
Ion Ratio Lower Upper
43 100
58 40.8 32.7 49.1

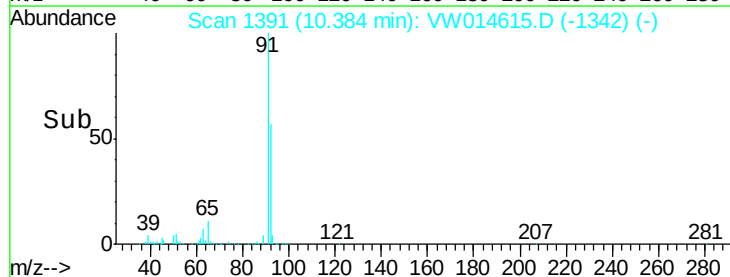
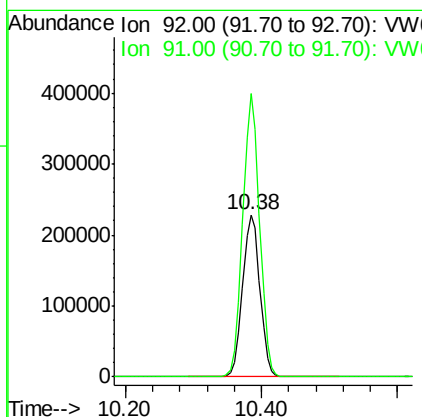
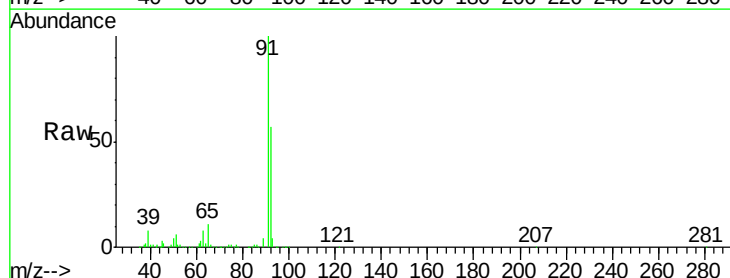
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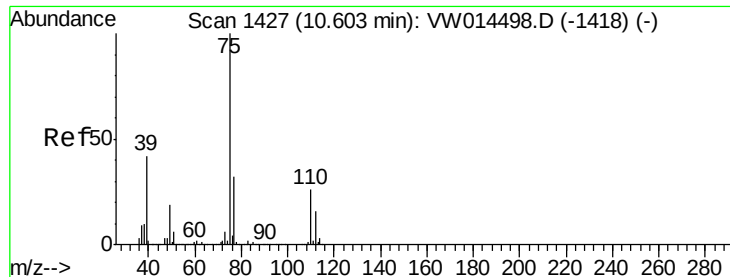
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#52
Toluene
Concen: 21.557 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion: 92 Resp: 401998
Ion Ratio Lower Upper
92 100
91 170.3 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 20.315 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

ClientSampled :

VW0113SBS01

Tot Ion: 75 Resp: 186478

Ion Ratio Lower Upper

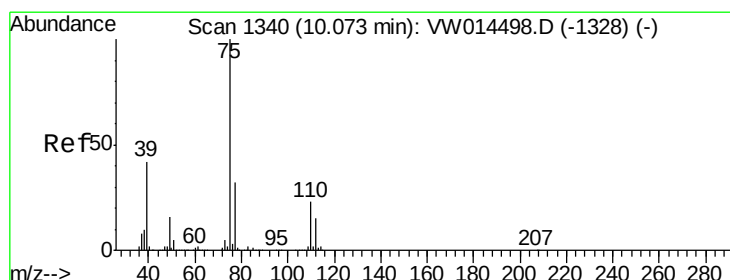
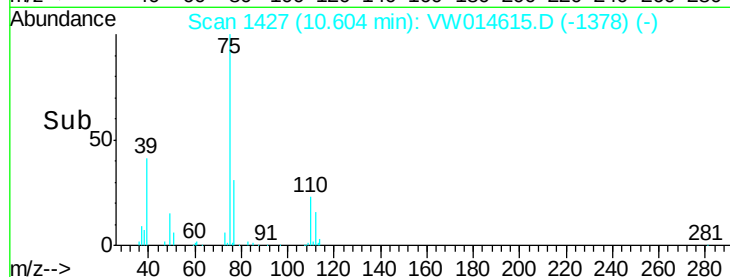
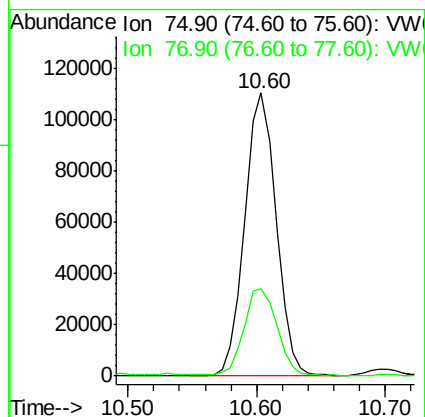
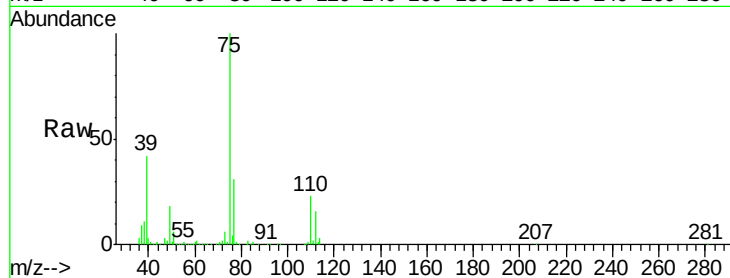
75 100

77 30.6 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 20.723 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

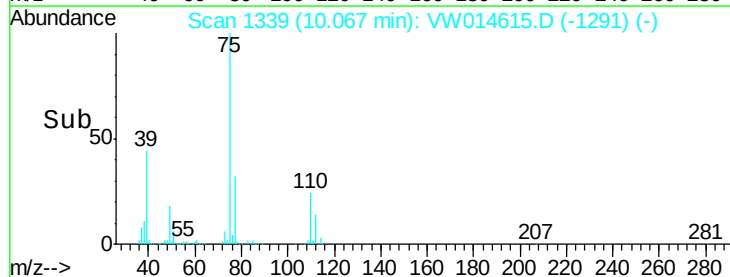
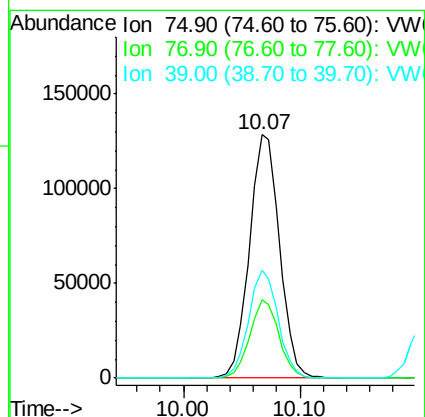
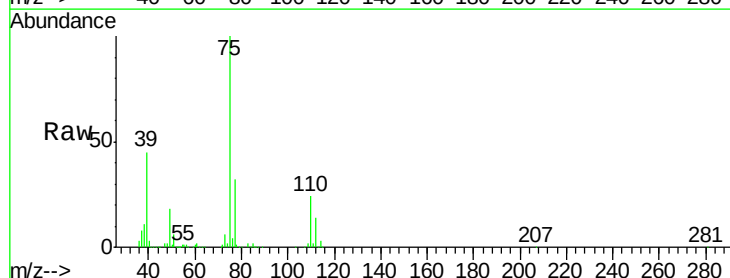
Tgt Ion: 75 Resp: 232480

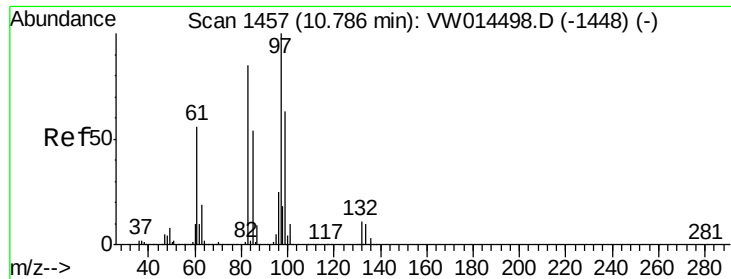
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 44.4 33.4 50.2





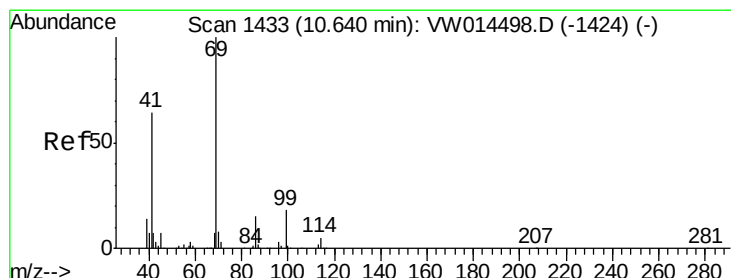
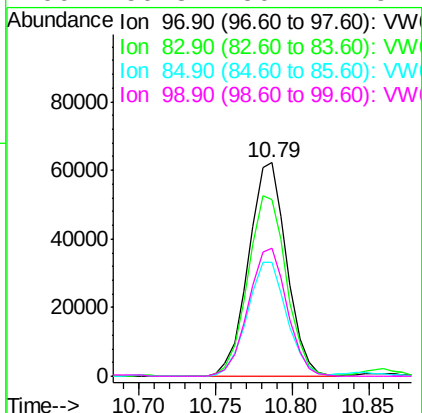
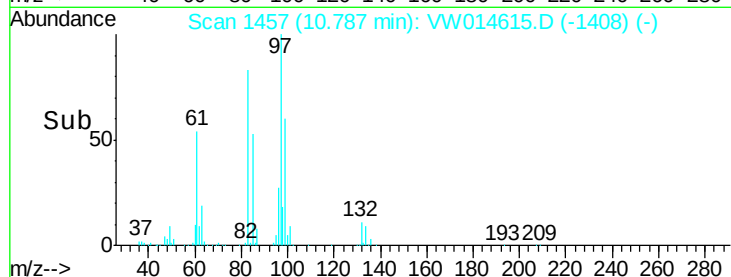
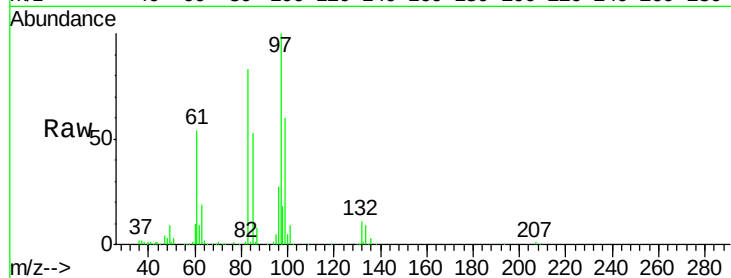
#55
 1,1,2-Trichloroethane
 Concen: 20.579 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0113SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		107927		
83	82.7	68.2	102.4		
85	53.4	43.0	64.4		
99	59.8	50.1	75.1		

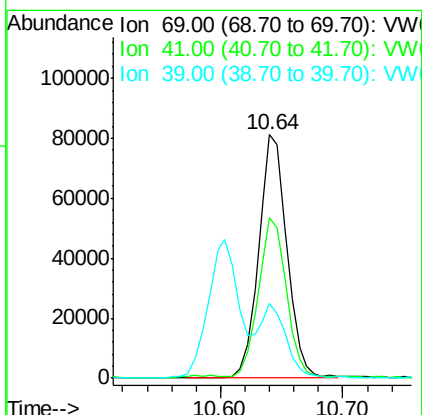
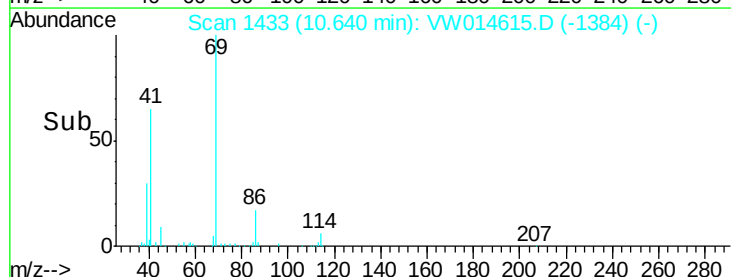
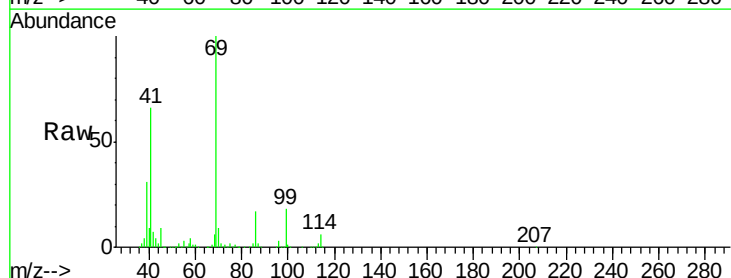
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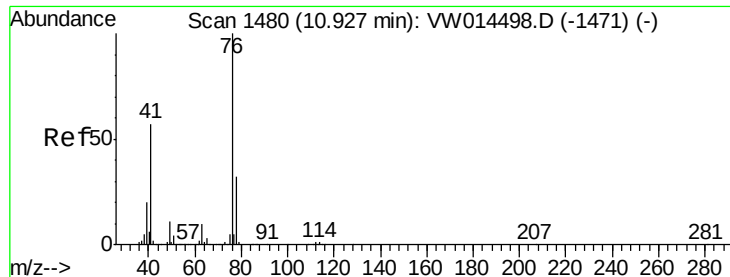
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#56
 Ethyl methacrylate
 Concen: 19.176 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		130698		
41	65.3	51.3	76.9		
39	25.8	21.0	31.6		





#57

1,3-Dichloropropane

Concen: 20.649 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

ClientSampled :

VW0113SBS01

Tot Ion: 76 Resp: 190328

Ion Ratio Lower Upper

76 100

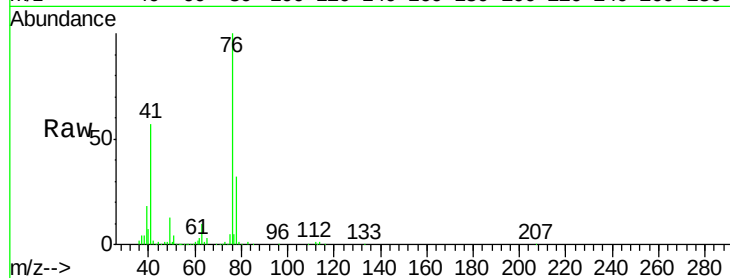
78 31.9 25.9 38.9

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.93

120000

100000

80000

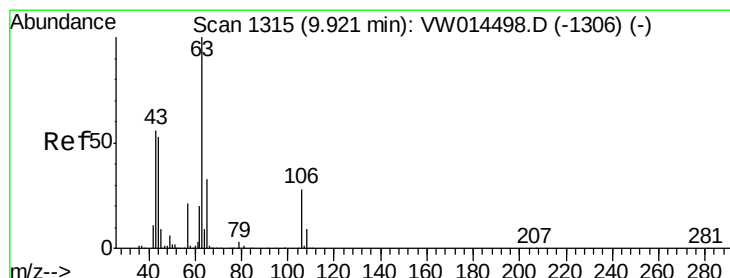
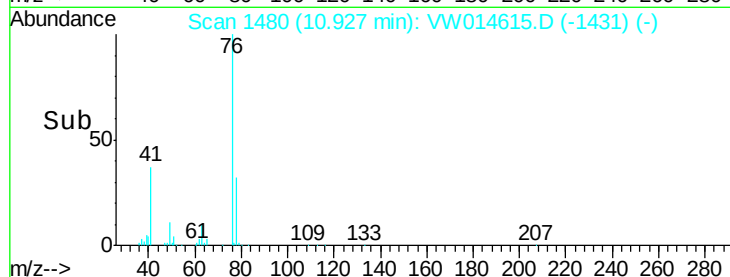
60000

40000

20000

0

Time--> 10.80 10.90 11.00



#58

2-Chloroethyl Vinyl ether

Concen: 84.647 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW014615.D

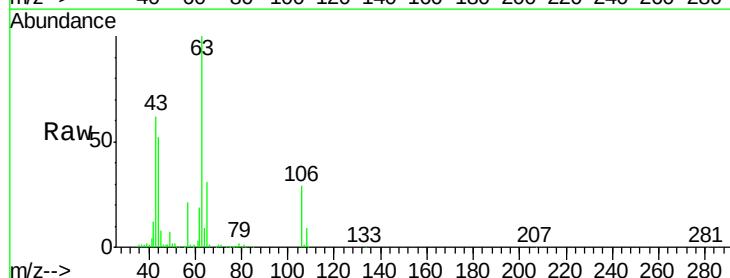
Acq: 13 Jan 2020 11:12

Tgt Ion: 63 Resp: 175461

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.92

120000

100000

80000

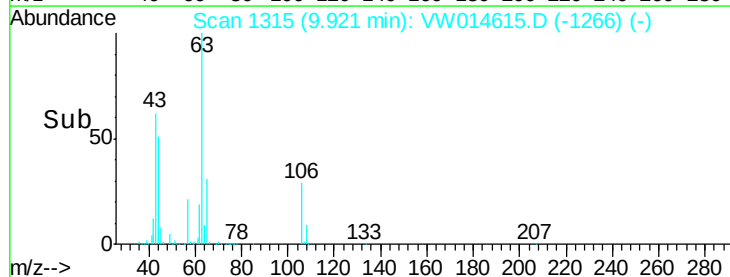
60000

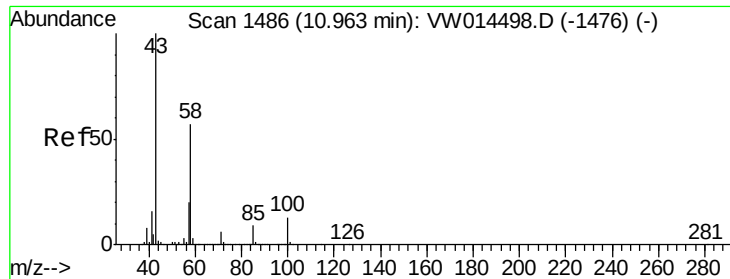
40000

20000

0

Time--> 9.80 9.90 10.00





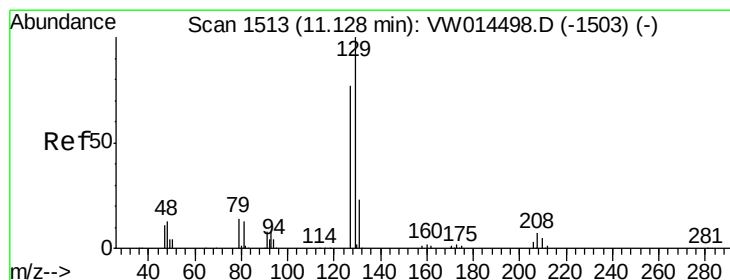
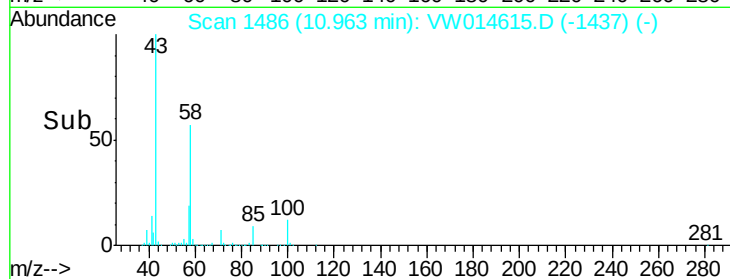
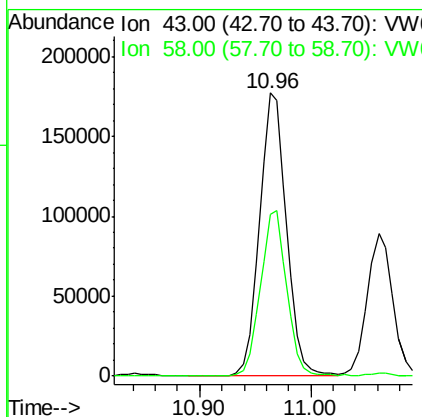
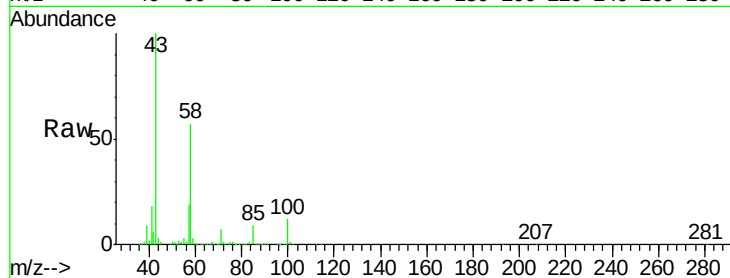
#59
2-Hexanone
Concen: 96.764 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0113SBS01

Tot Ion: 43 Resp: 298765
Ion Ratio Lower Upper
43 100
58 57.4 28.7 86.3

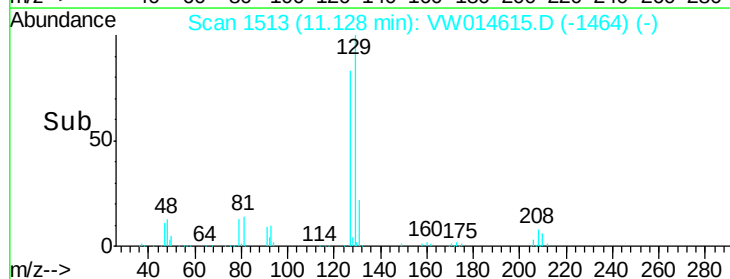
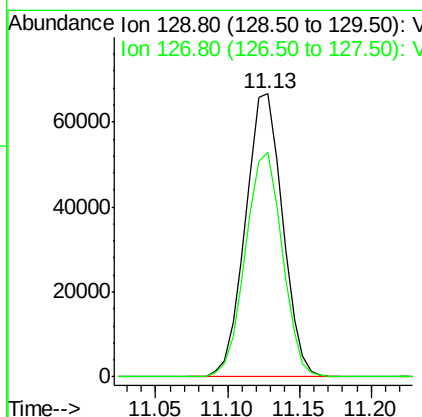
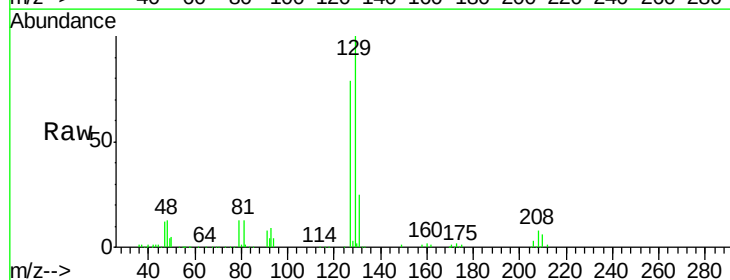
Manual Integrations
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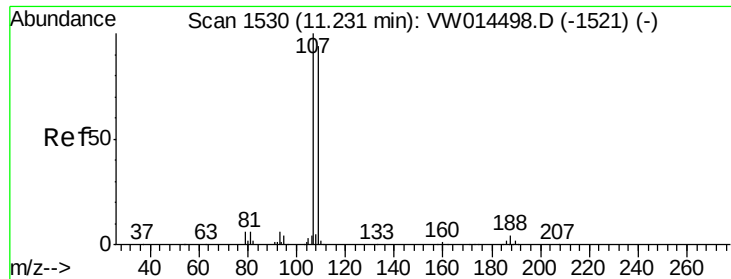
apatel
1/14/2020 3:06:40 PM



#60
Dibromochloromethane
Concen: 20.126 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion: 129 Resp: 119092
Ion Ratio Lower Upper
129 100
127 78.7 38.1 114.5





#61

1,2-Dibromoethane

Concen: 20.189 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0113SBS01

Tot Ion: 107 Resp: 100506

Ion Ratio Lower Upper

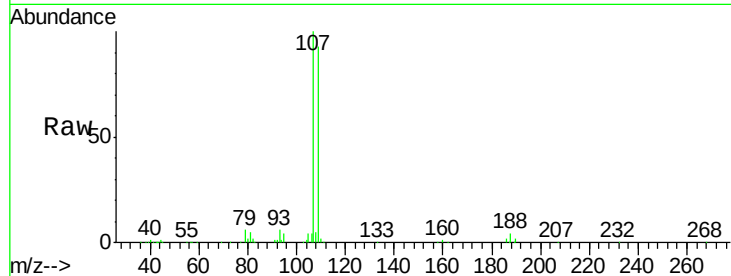
107 100

109 95.9 75.1 112.7

Manual Integrations
APPROVED

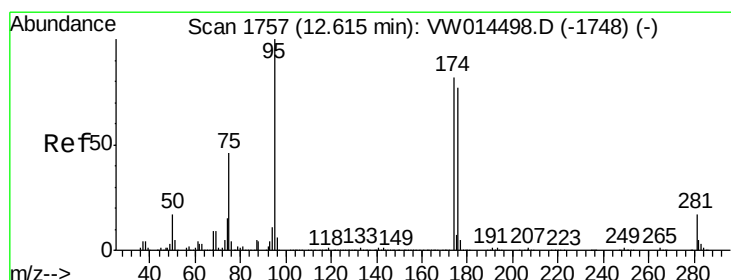
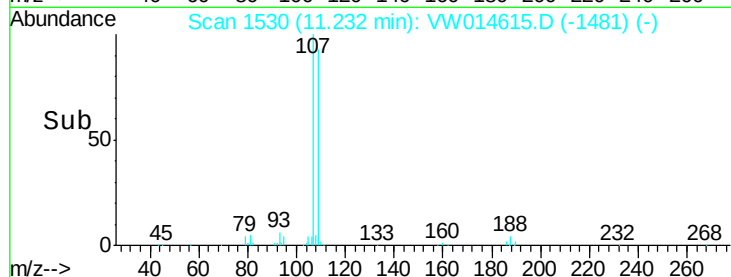
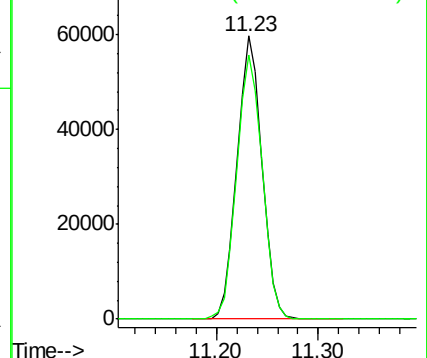
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.744 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

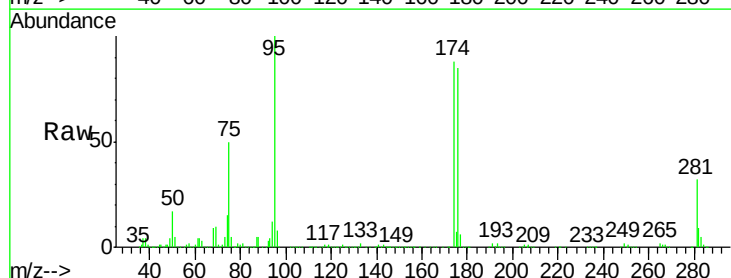
Tgt Ion: 95 Resp: 454916

Ion Ratio Lower Upper

95 100

174 85.5 0.0 168.6

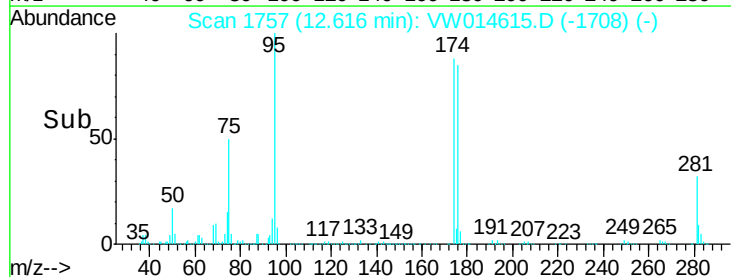
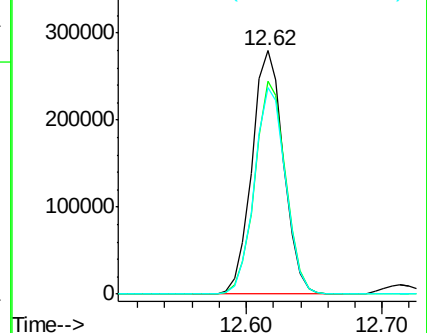
176 84.1 0.0 162.0

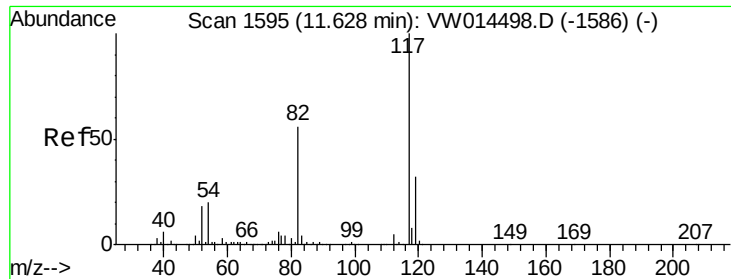


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





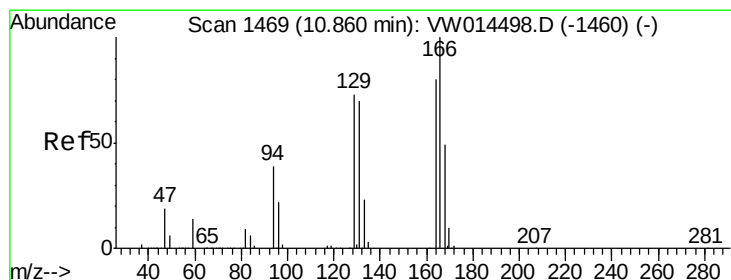
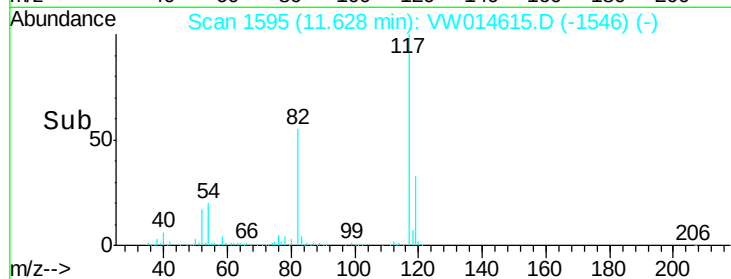
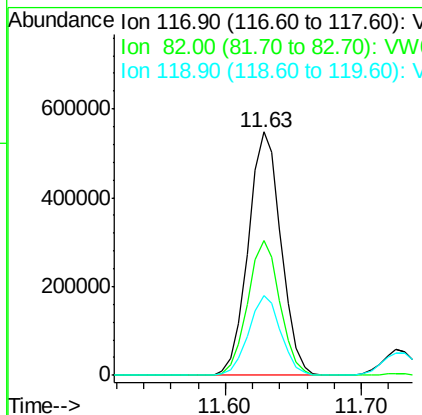
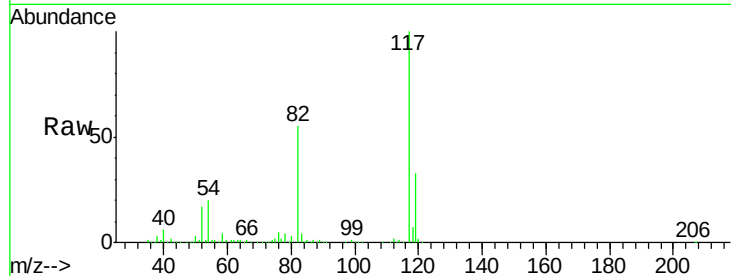
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0113SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	925971		
82	55.5	44.6	67.0	
119	33.0	25.7	38.5	

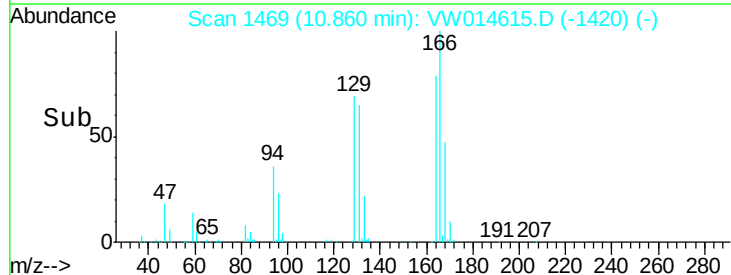
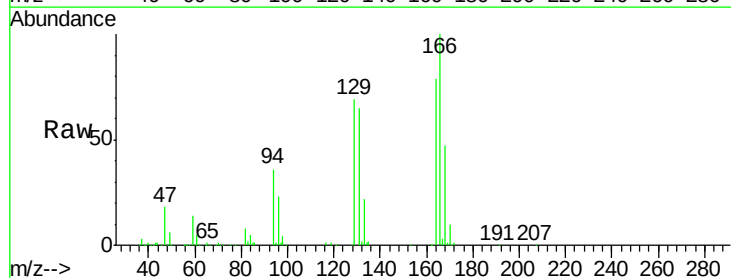
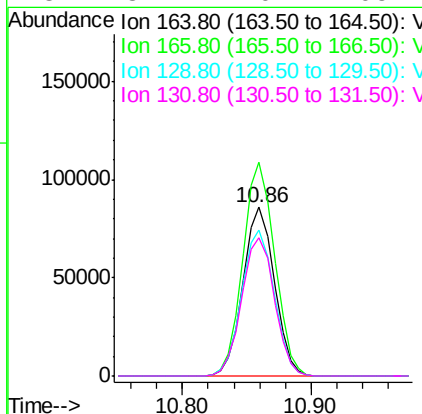
Manual Integrations
APPROVED

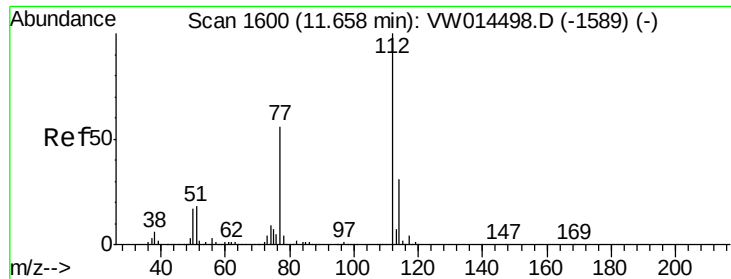
apatel
1/14/2020 3:06:40 PM



#64
Tetrachloroethene
Concen: 21.580 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	144669		
166	126.6	99.8	149.6	
129	86.8	72.4	108.6	
131	82.2	70.1	105.1	





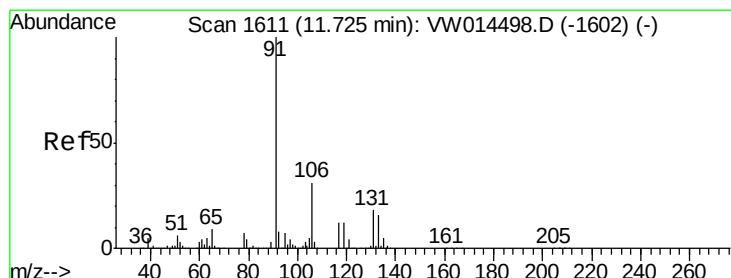
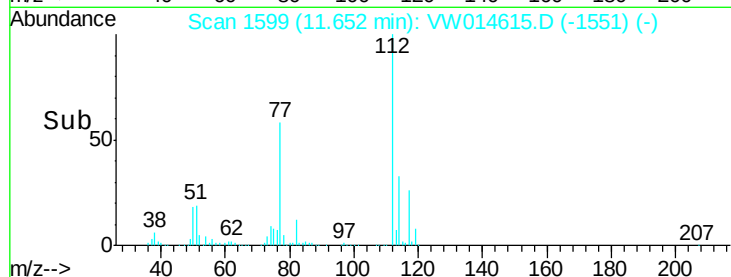
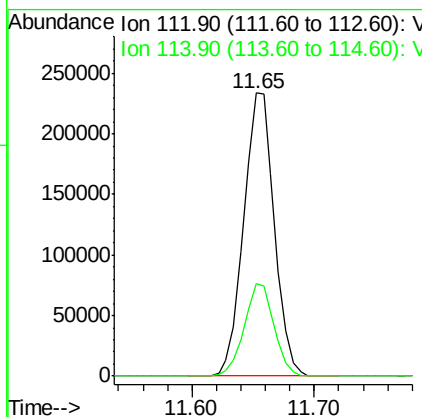
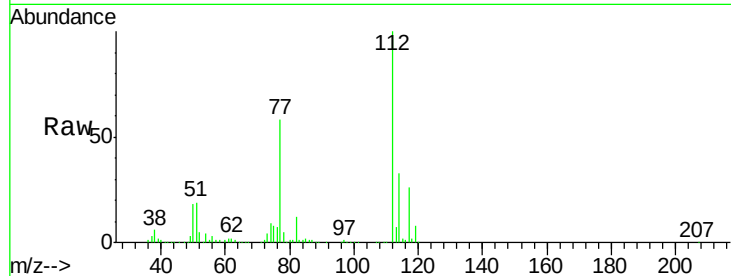
#65
Chlorobenzene
Concen: 21.386 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0113SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	24.6	37.0

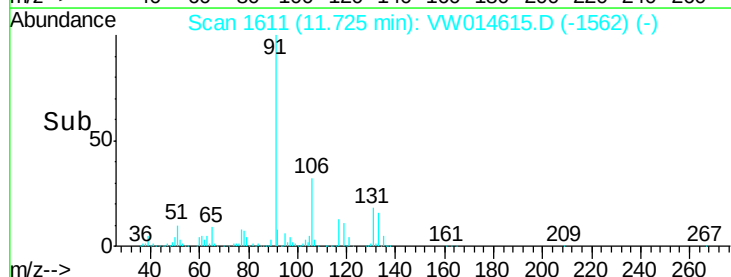
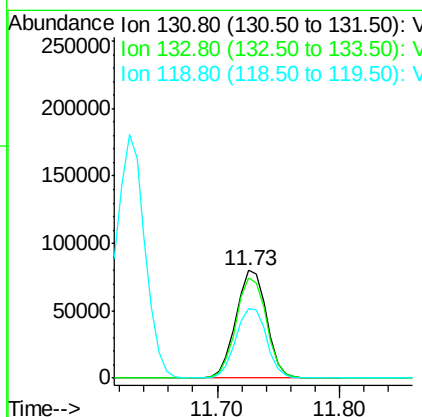
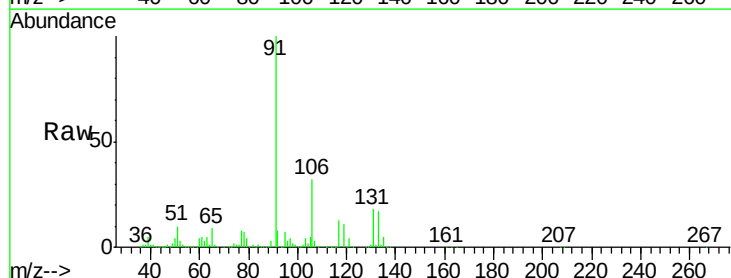
Manual Integrations
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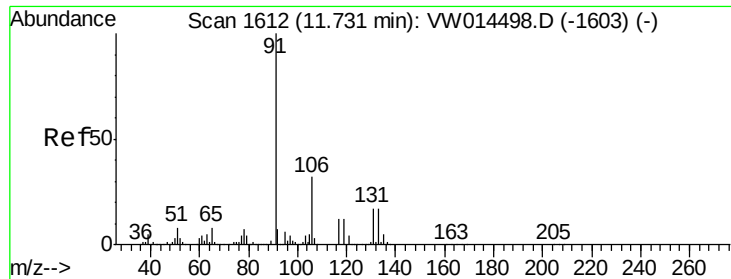
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.754 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.5	47.3	142.0
119	65.1	33.1	99.3





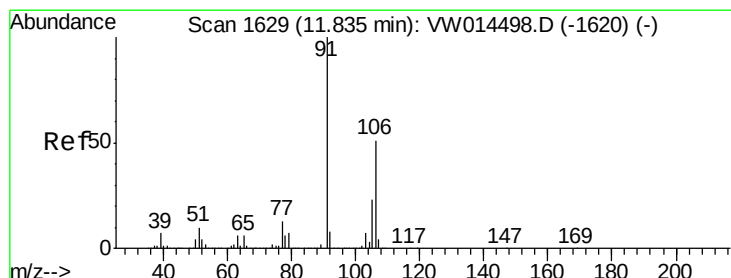
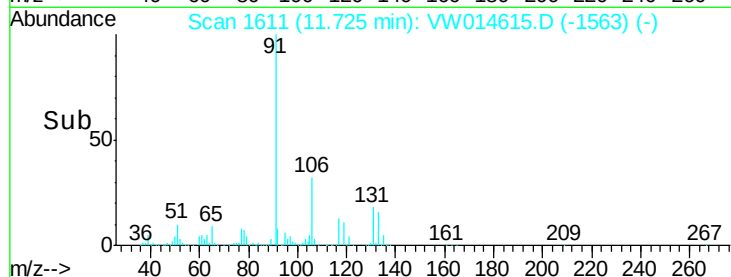
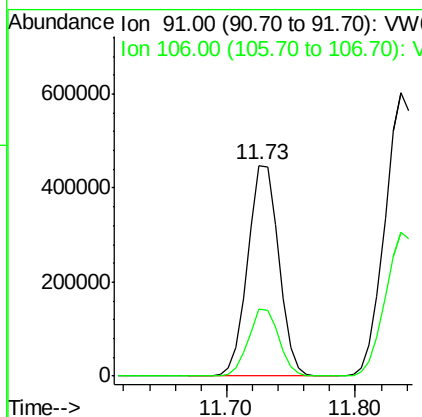
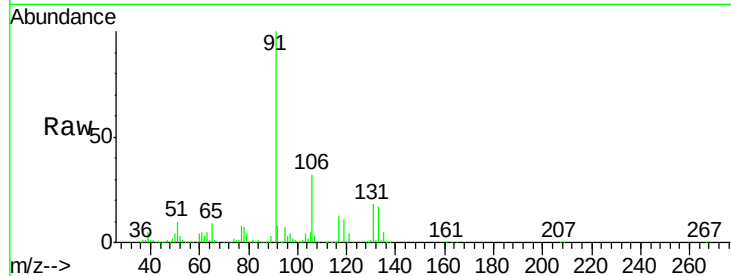
#67
Ethyl Benzene
Concen: 21.689 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0113SBS01

Tot Ion: 91 Resp: 741489
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

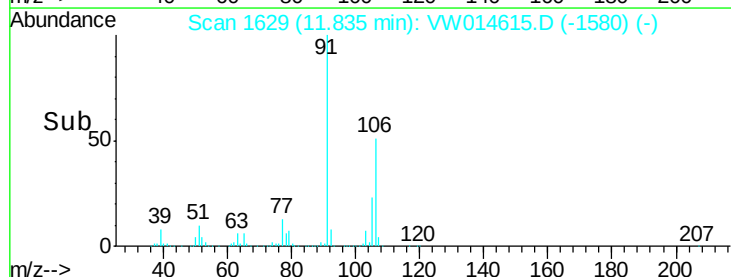
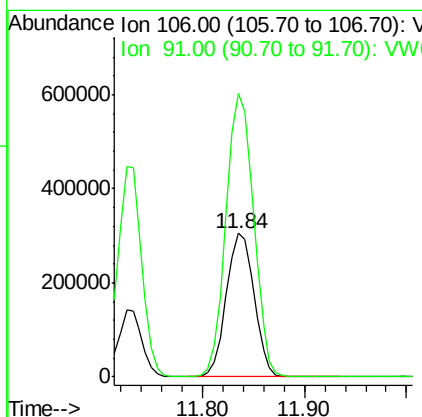
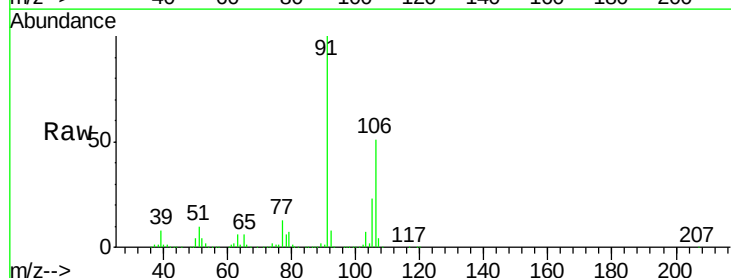
Manual Integrations
APPROVED

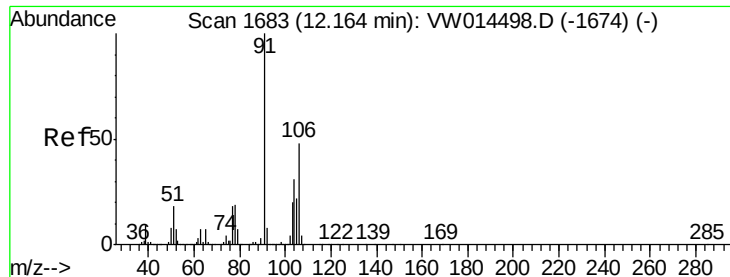
apatel
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#68
m/p-Xylenes
Concen: 43.931 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion: 106 Resp: 574811
Ion Ratio Lower Upper
106 100
91 196.5 159.0 238.6





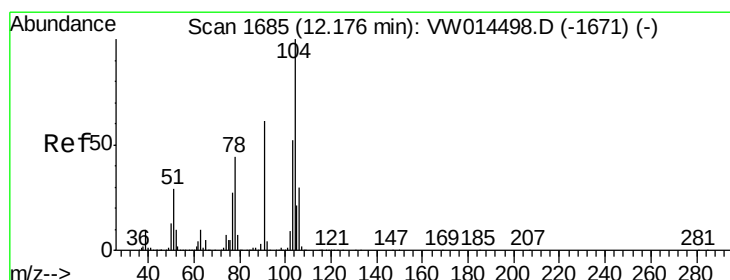
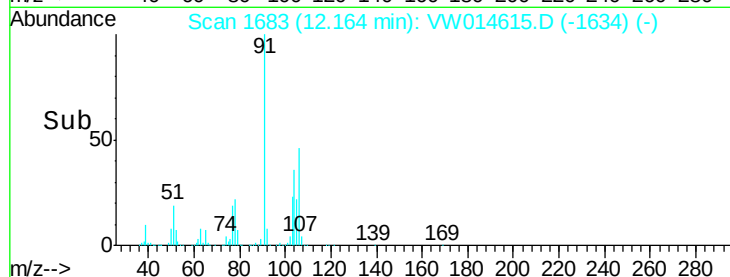
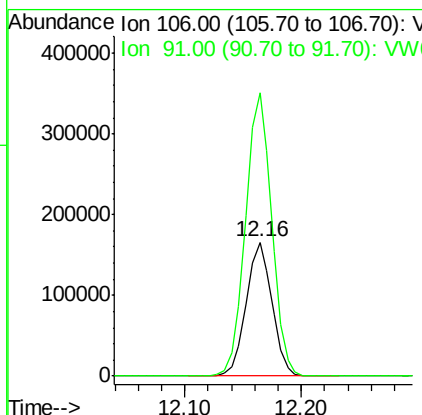
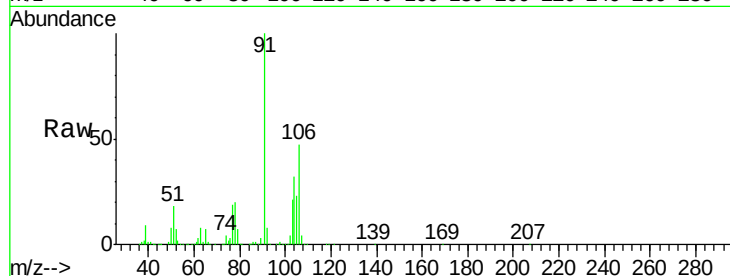
#69
o-Xylene
Concen: 21.294 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Instrument :
MSVOA_W
ClientSampled :
VW0113SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.8	105.2	315.6	

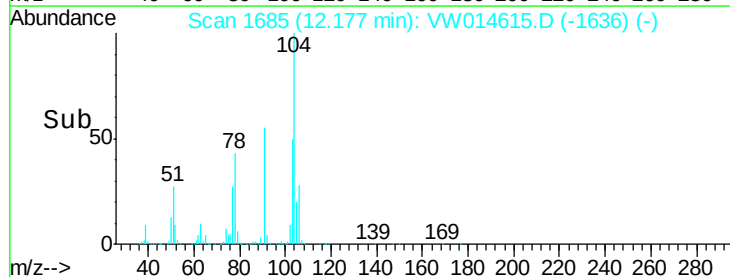
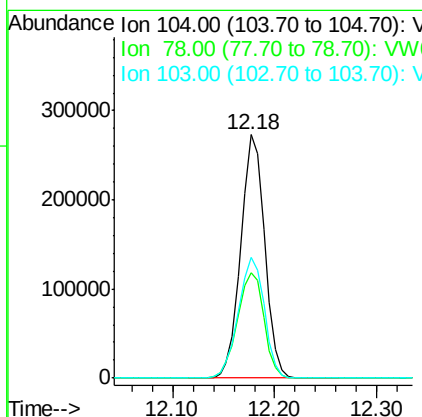
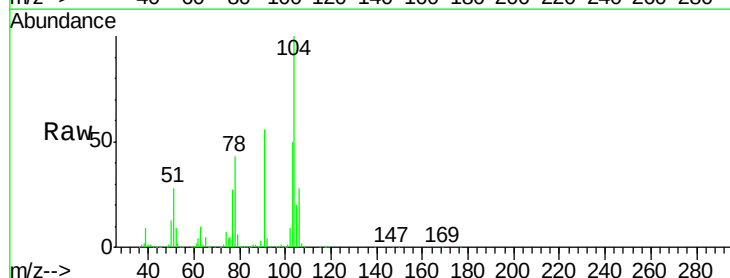
Manual Integrations
APPROVED

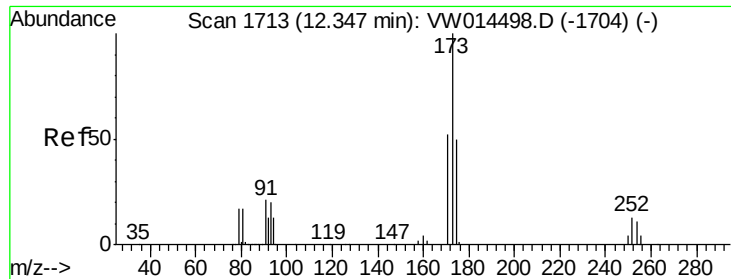
apatel
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#70
Styrene
Concen: 21.722 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.1	38.4	57.6	
103	54.0	43.7	65.5	





#71

Bromoform

Concen: 20.250 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

ClientSampled :

VW0113SBS01

Tot Ion:173 Resp: 70549

Ion Ratio Lower Upper

173 100

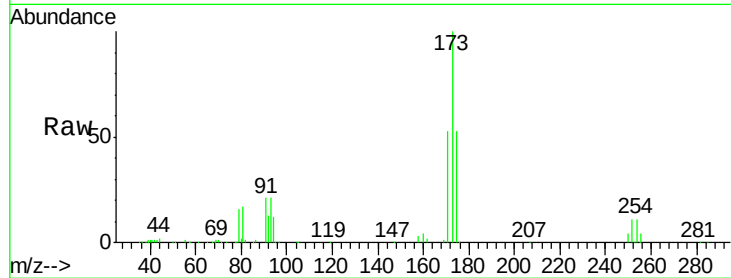
175 49.9 24.5 73.5

254 0.1 0.0 0.0#

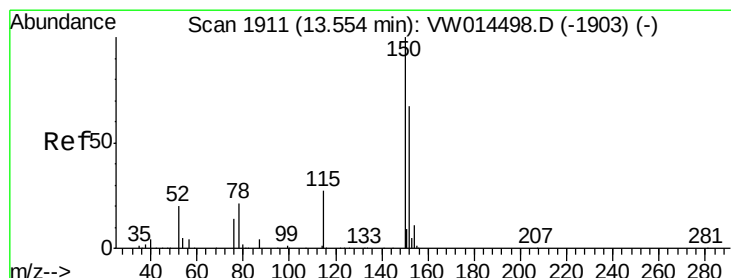
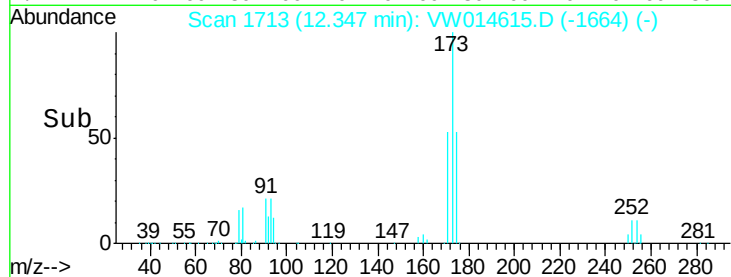
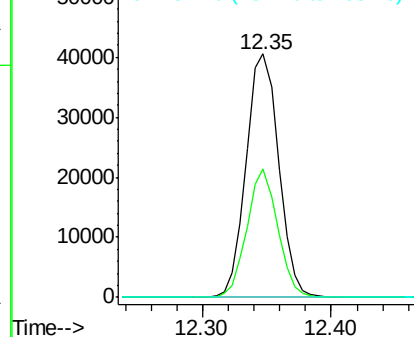
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

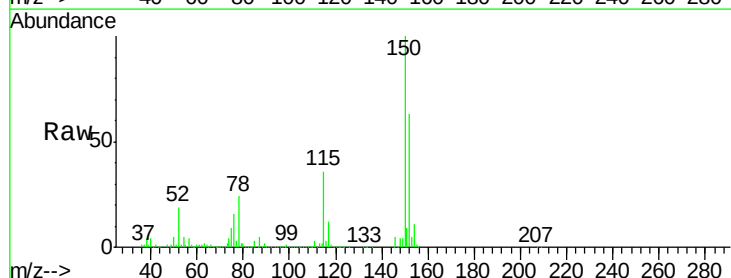
Tgt Ion:152 Resp: 454318

Ion Ratio Lower Upper

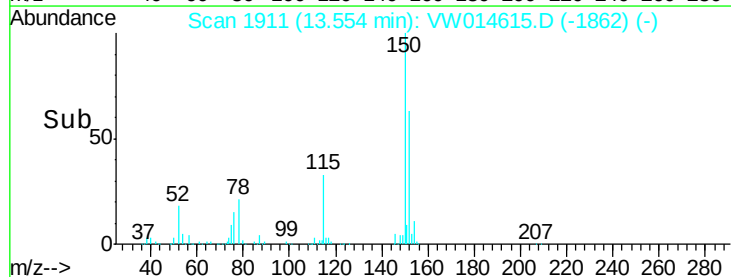
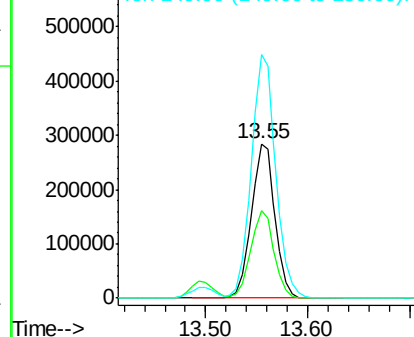
152 100

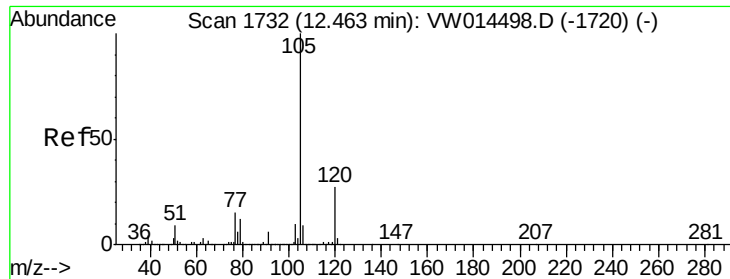
115 56.3 27.7 83.1

150 164.3 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: 21.880 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

ClientSampled :

VW0113SBS01

Tot Ion:105 Resp: 729381

Ion Ratio Lower Upper

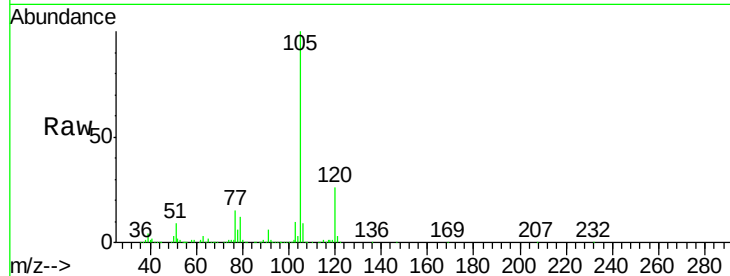
105 100

120 26.4 13.4 40.1

Manual Integrations
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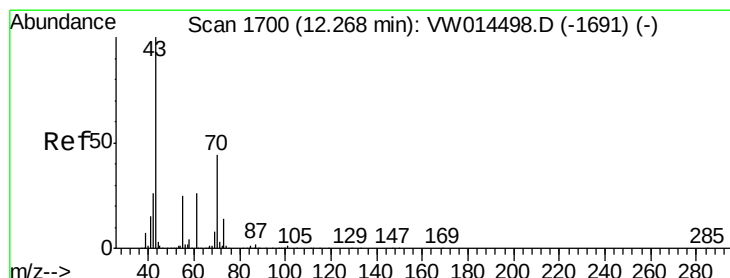
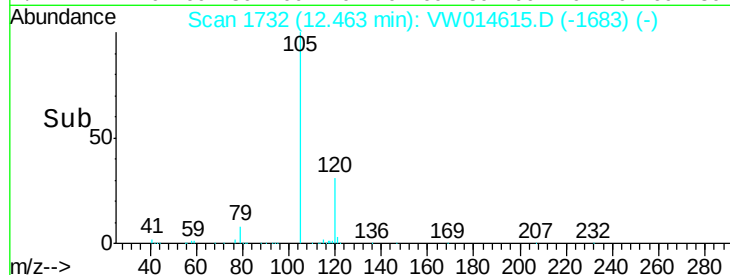
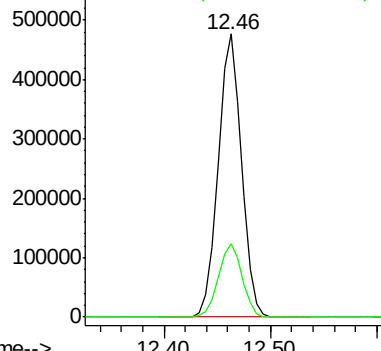
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.537 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Tgt Ion: 43 Resp: 146028

Ion Ratio Lower Upper

43 100

70 46.0 36.5 54.7

55 26.9 20.9 31.3

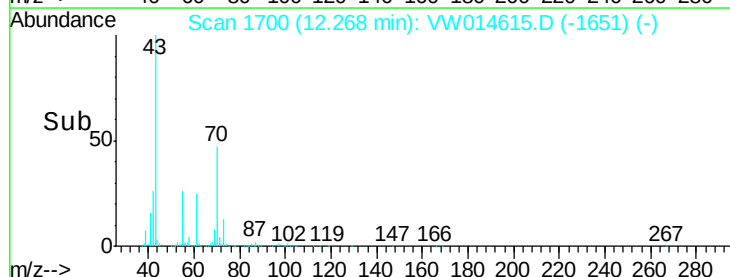
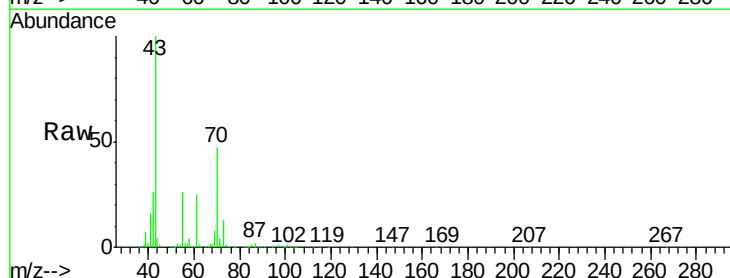
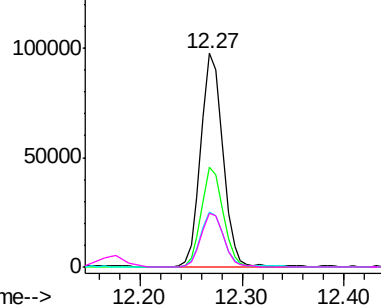
61 25.9 20.7 31.1

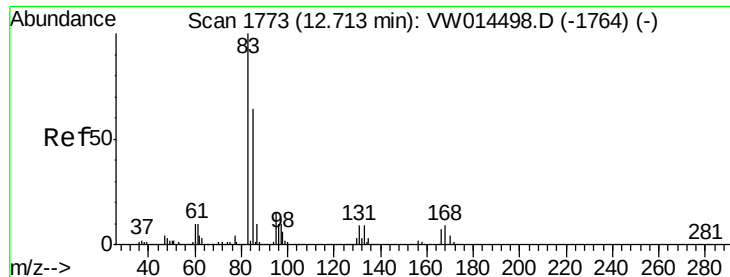
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.189 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

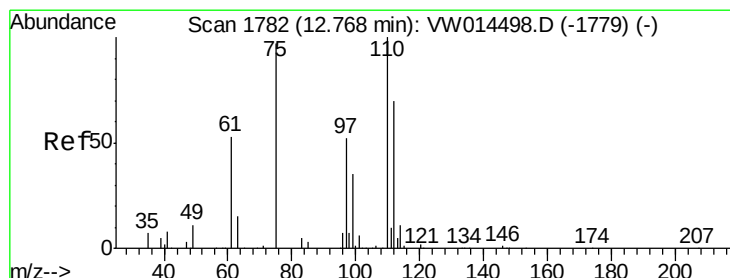
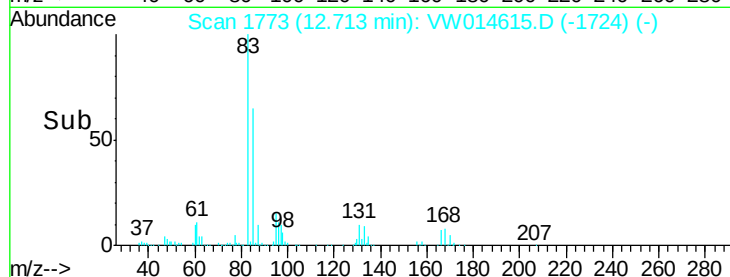
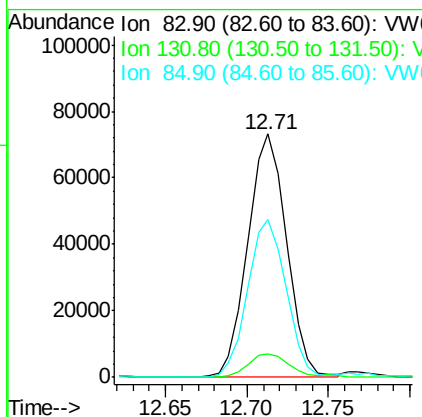
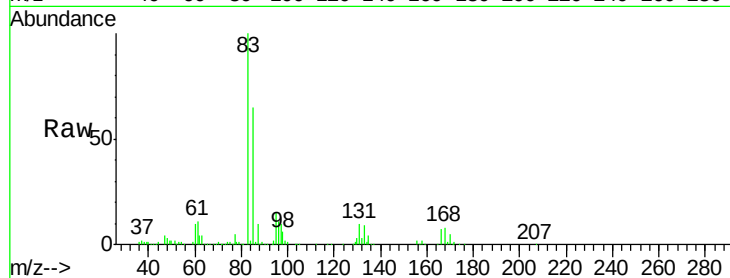
ClientSampleId :

VW0113SBS01

Tot Ion:	83	Resp:	121475
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	64.2	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.420 ug/l m

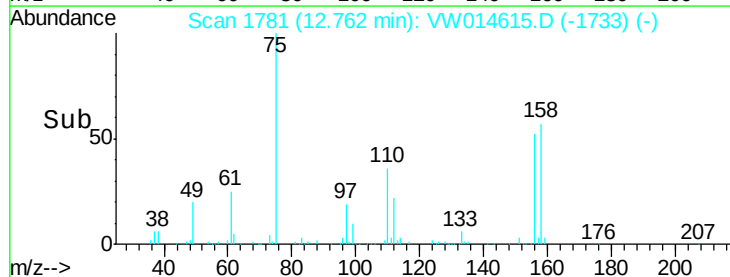
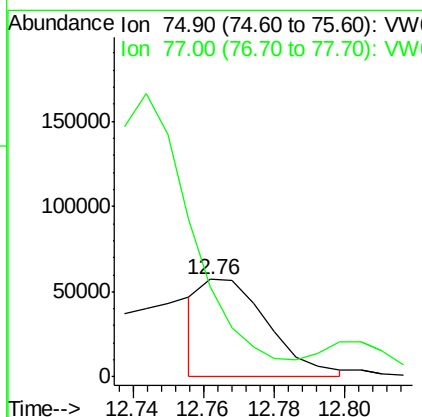
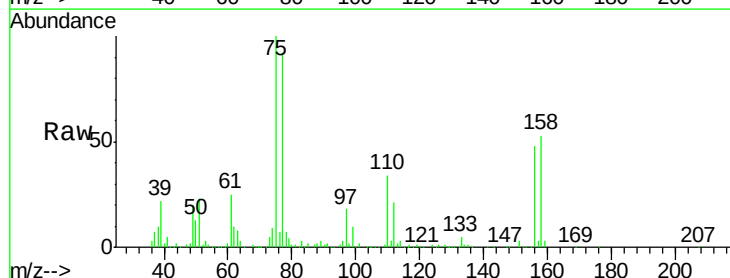
RT: 12.76 min Scan# 1781

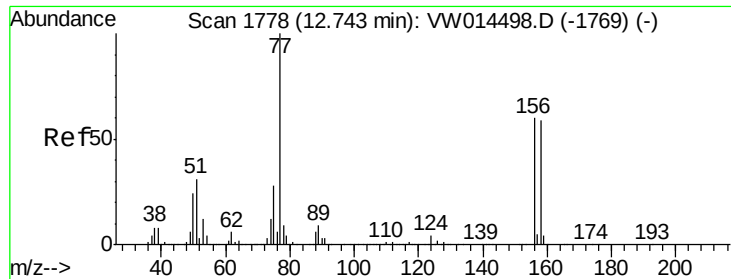
Delta R.T. -0.01 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Tgt Ion:	75	Resp:	74827
Ion Ratio	Lower	Upper	
75	100		
77	404.5	0.0	0.0#





#77

Bromobenzene

Concen: 21.187 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

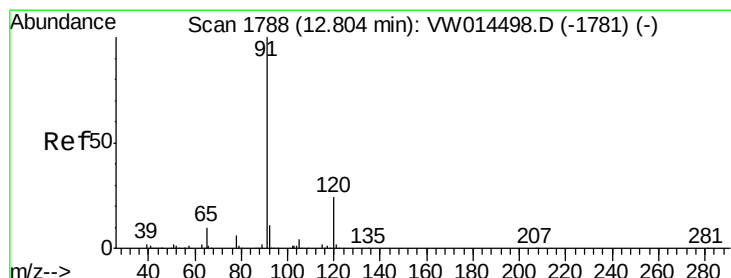
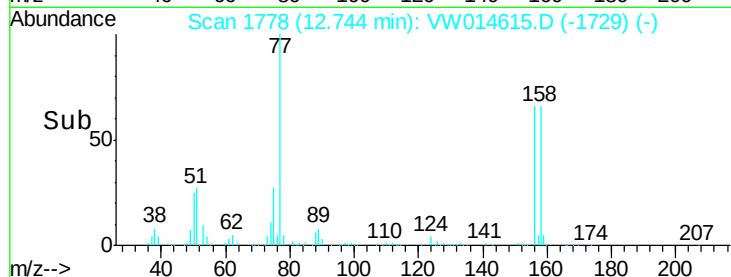
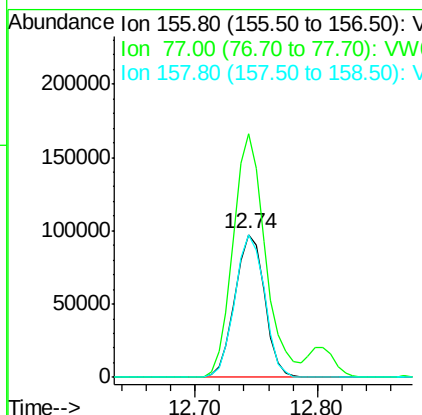
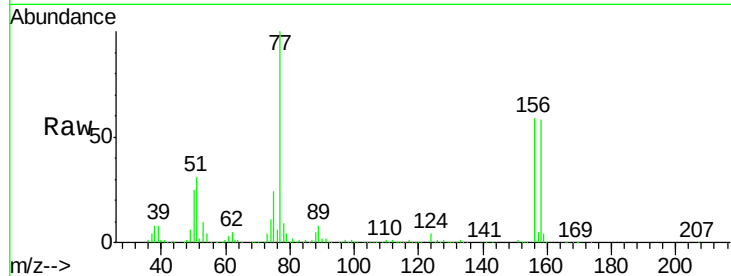
ClientSampled :

VW0113SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	184.5	92.3	277.1
158	99.5	48.6	145.9

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#78

n-propylbenzene

Concen: 21.946 ug/l

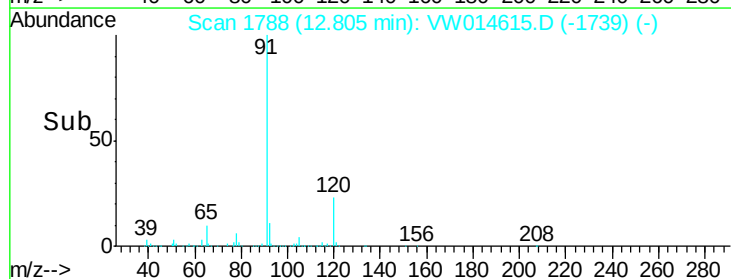
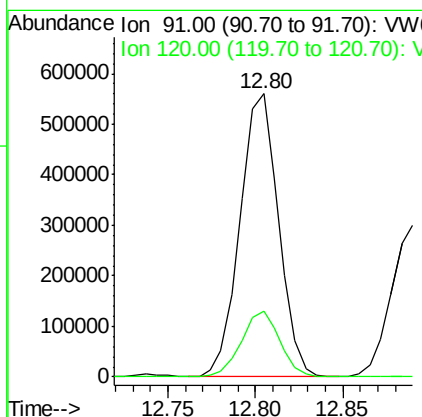
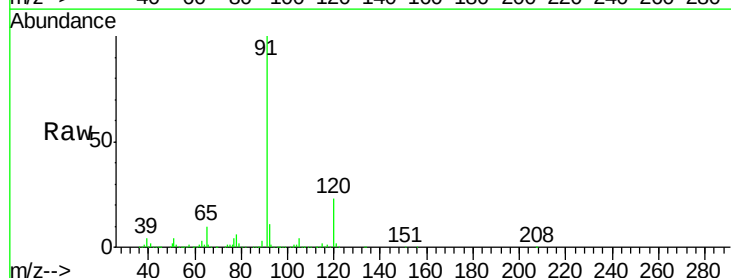
RT: 12.80 min Scan# 1788

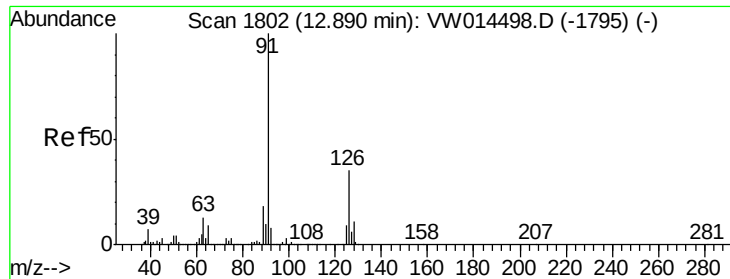
Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.7	35.1





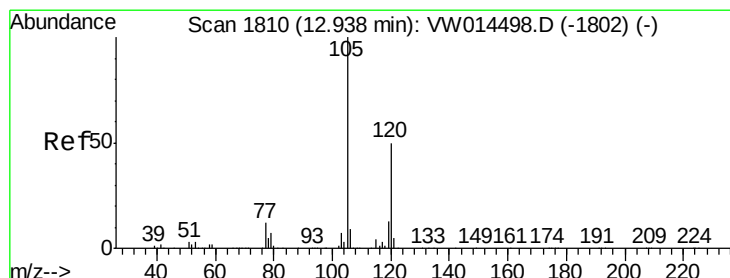
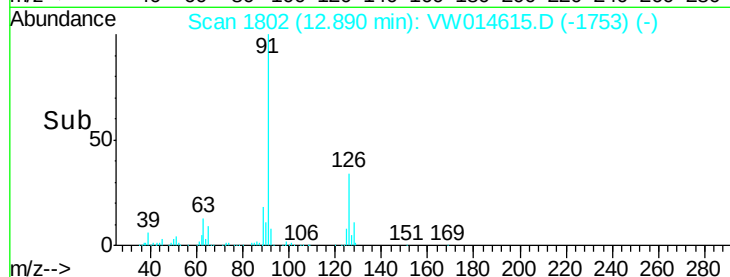
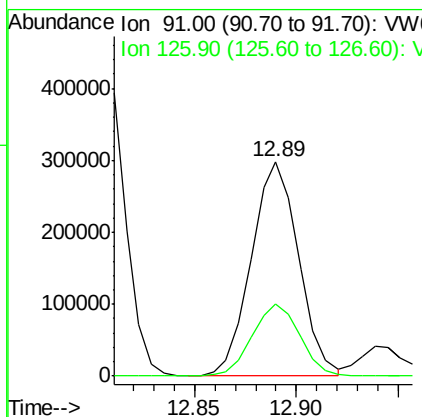
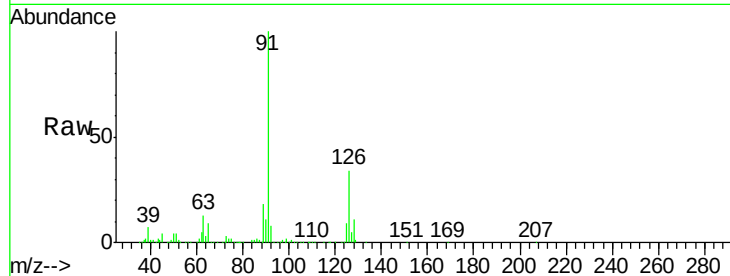
#79
 2-Chlorotoluene
 Concen: 21.529 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0113SBS01

Tot Ion: 91 Resp: 480257
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.1 51.2

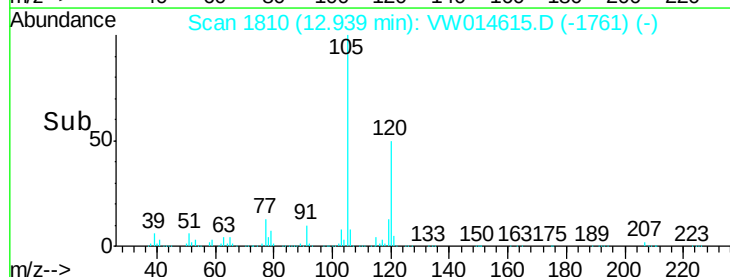
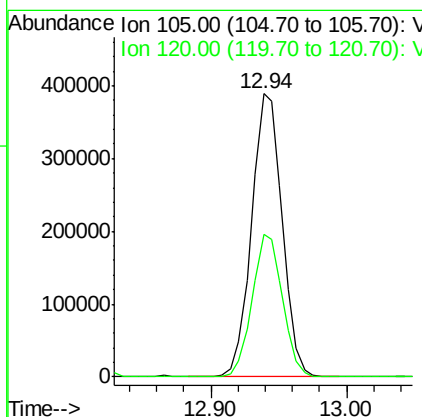
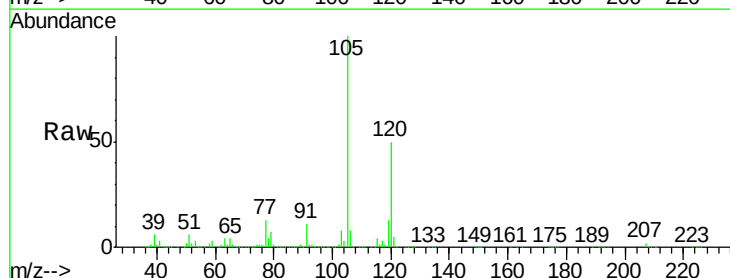
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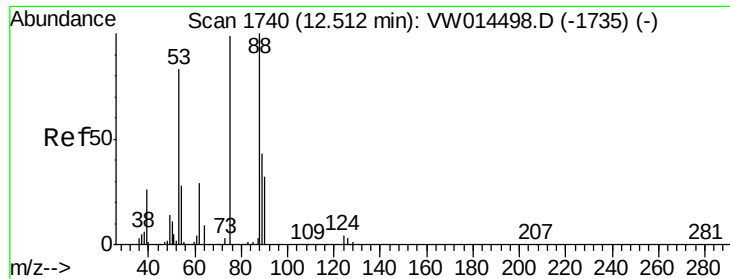
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.841 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Tgt Ion: 105 Resp: 611314
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.2 75.6





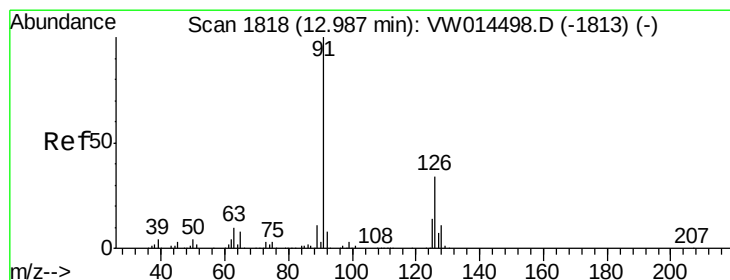
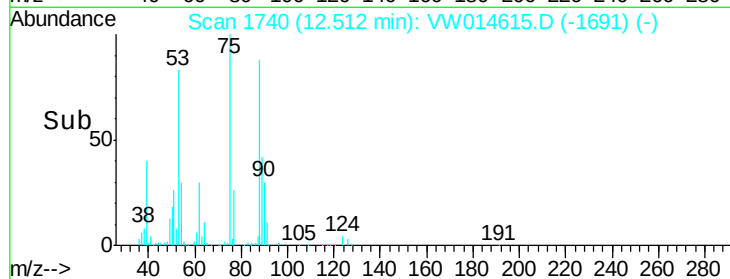
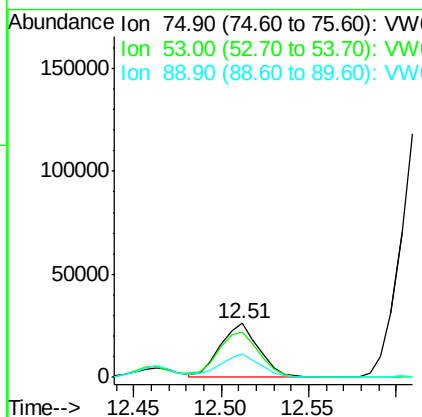
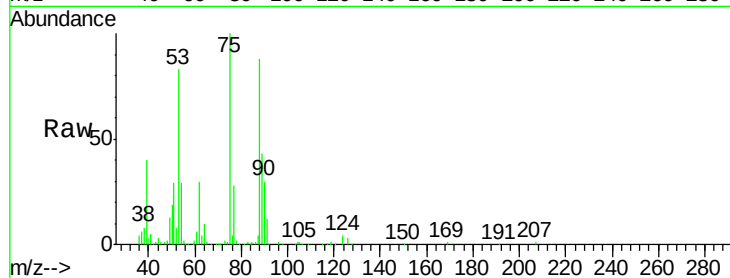
#81
trans-1,4-Dichloro-2-butene
Concen: 20.823 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0113SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.2	70.9	106.3
89	44.1	35.8	53.8

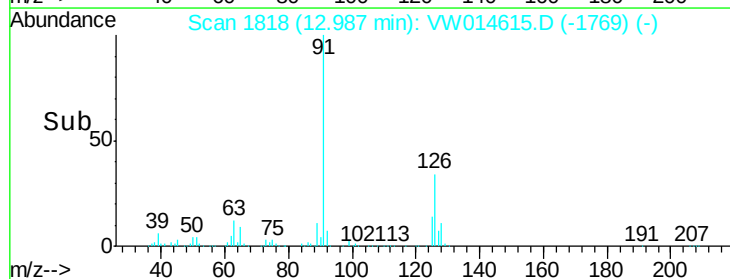
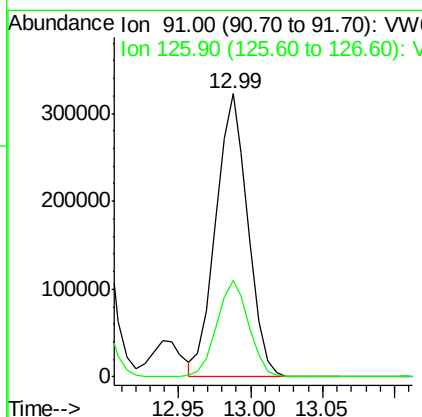
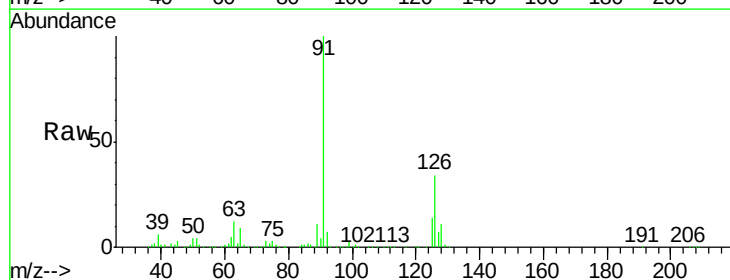
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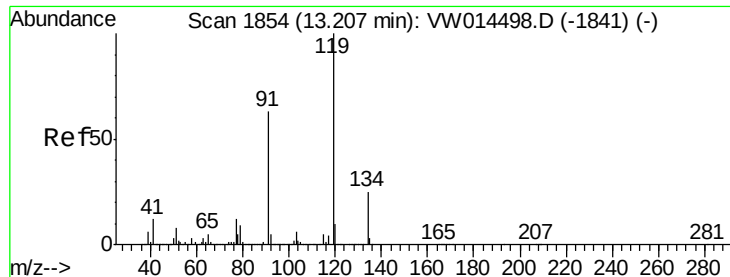
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#82
4-Chlorotoluene
Concen: 21.569 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.1	51.2





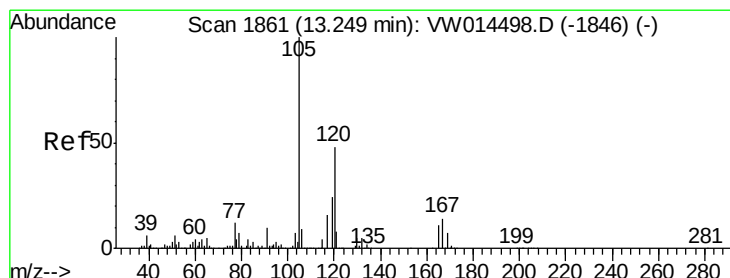
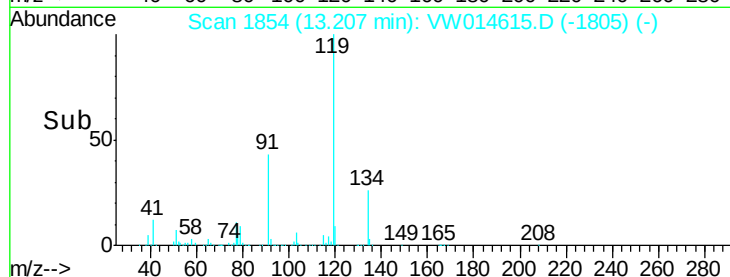
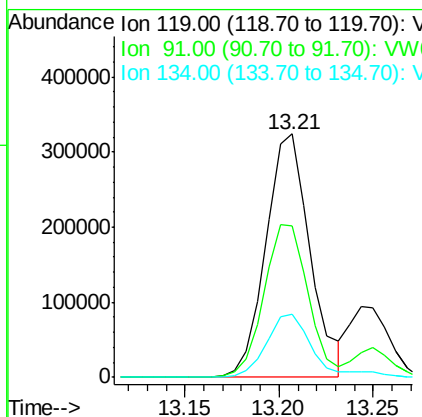
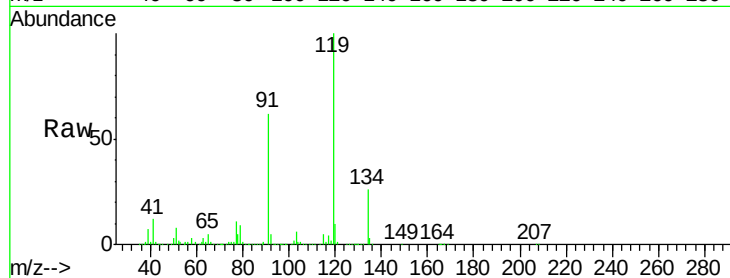
#83
 tert-Butylbenzene
 Concen: 21.583 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0113SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	31.1	93.3
134	27.1	13.5	40.5

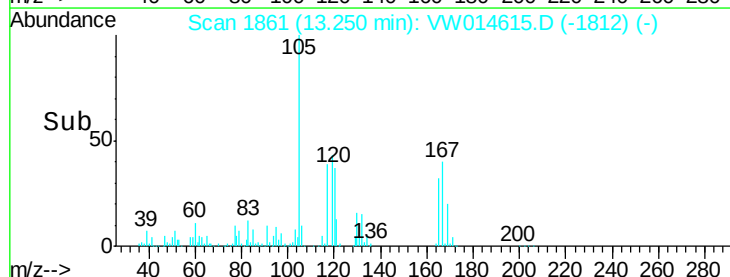
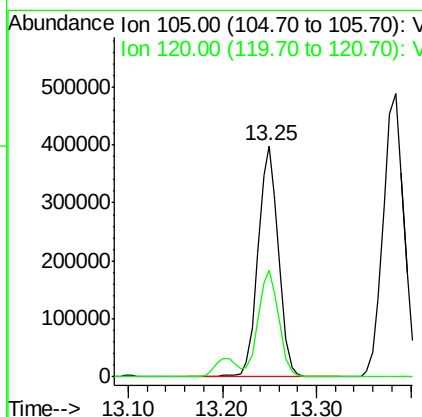
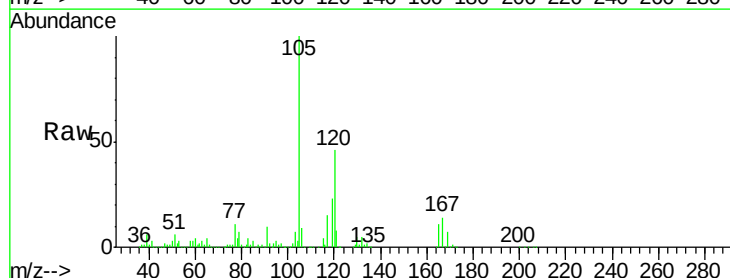
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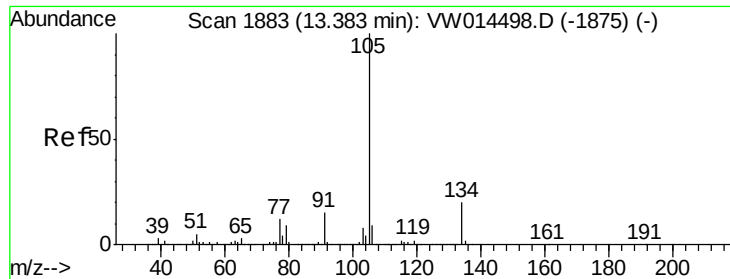
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.808 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.4	70.0





#85

sec-Butylbenzene

Concen: 21.992 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

Instrument :

MSVOA_W

ClientSampled :

VW0113SBS01

Tot Ion:105 Resp: 745992

Ion Ratio Lower Upper

105 100

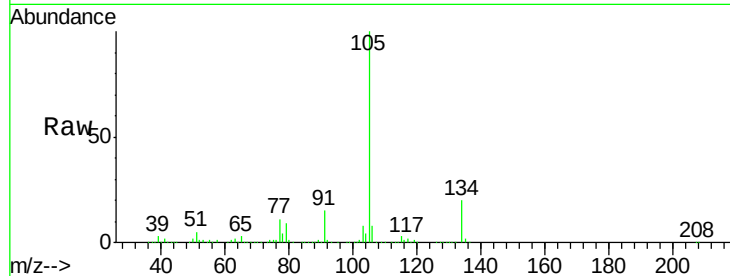
134 20.4 10.2 30.6

Manual Integrations

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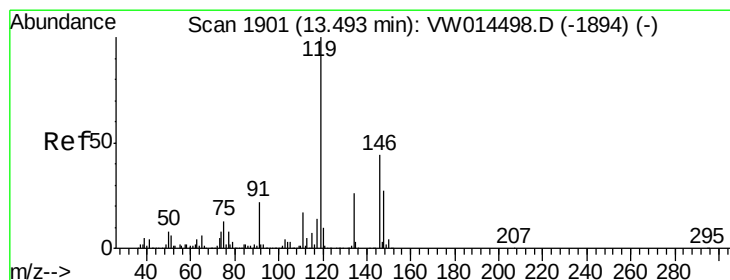
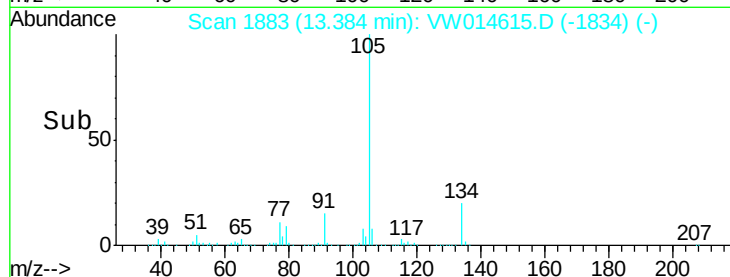
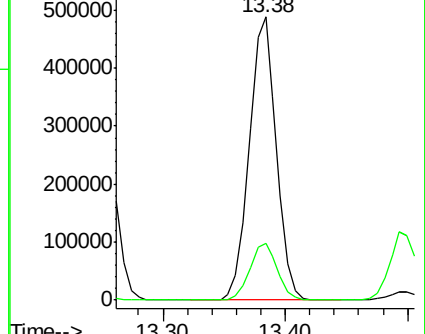
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.080 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW014615.D

Acq: 13 Jan 2020 11:12

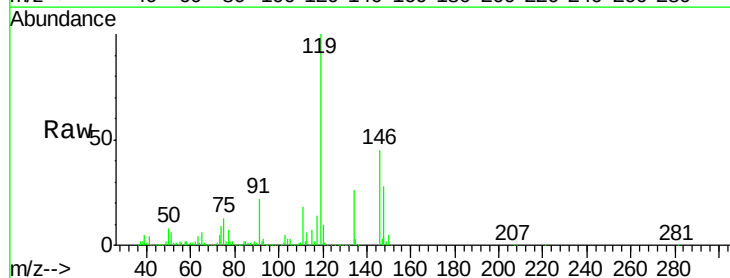
Tgt Ion:119 Resp: 682670

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

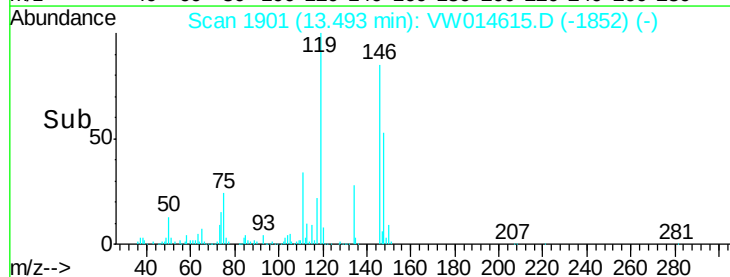
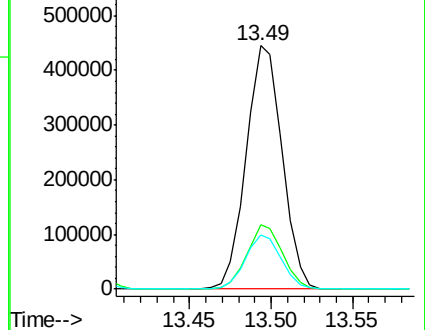
91 22.2 11.1 33.3

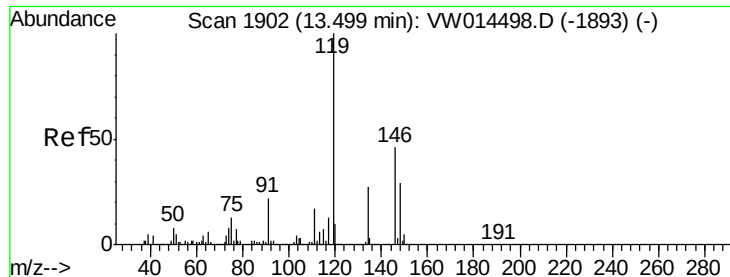


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





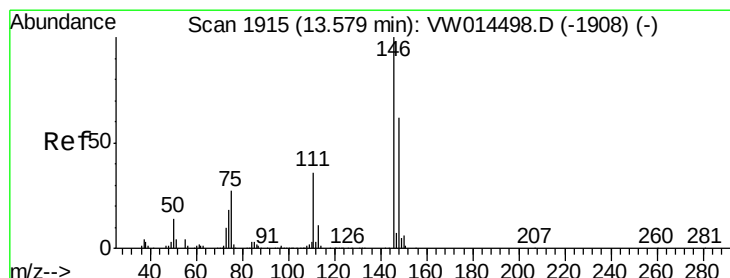
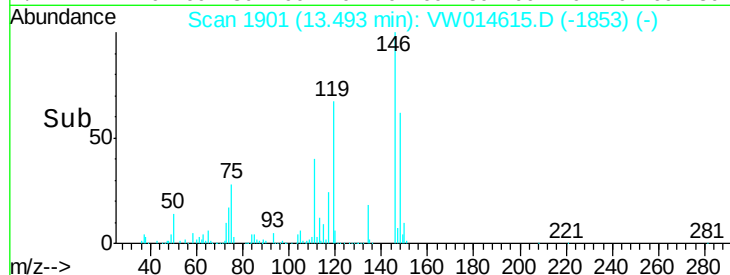
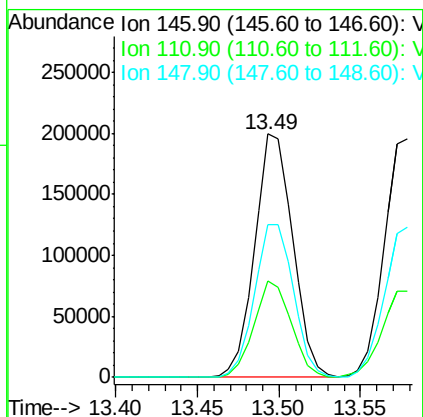
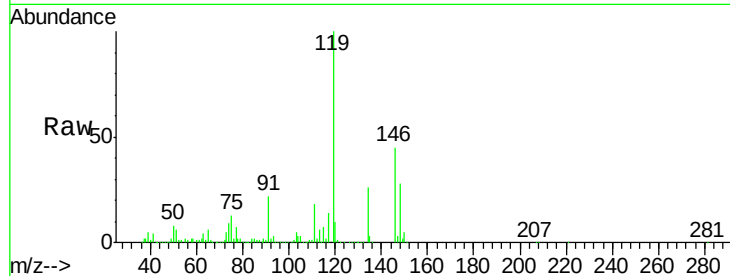
#87
 1,3-Dichlorobenzene
 Concen: 21.571 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0113SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.9
148	64.1	31.8	95.4

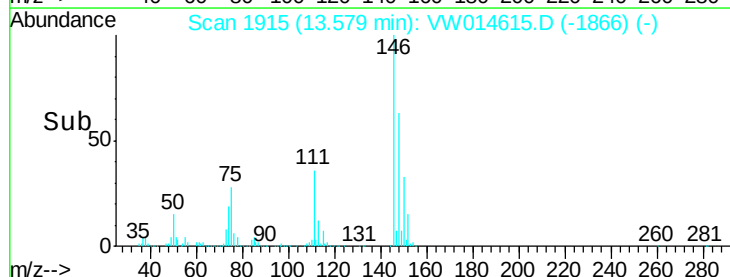
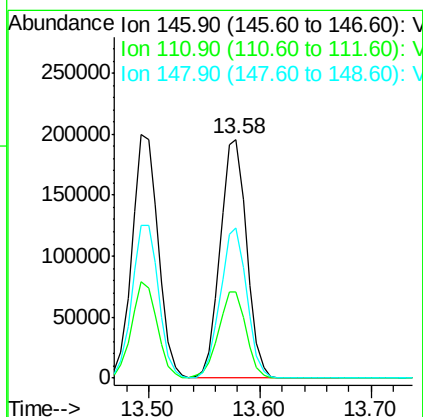
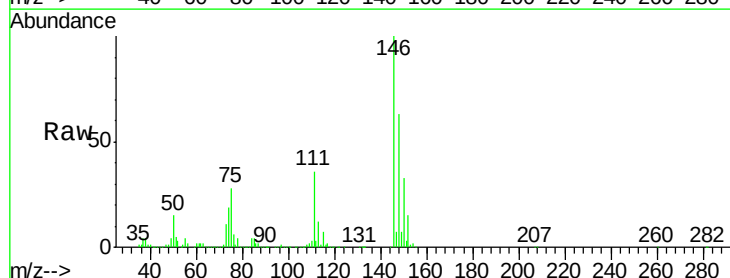
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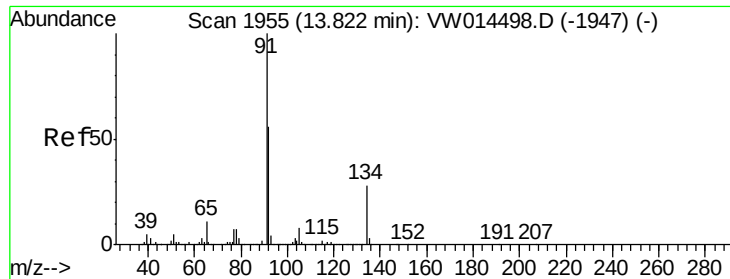
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#88
 1,4-Dichlorobenzene
 Concen: 21.658 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	62.7	31.7	95.1





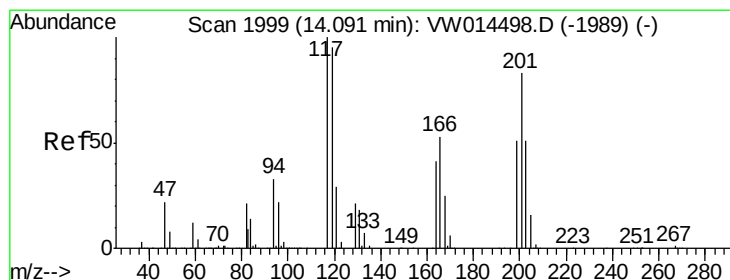
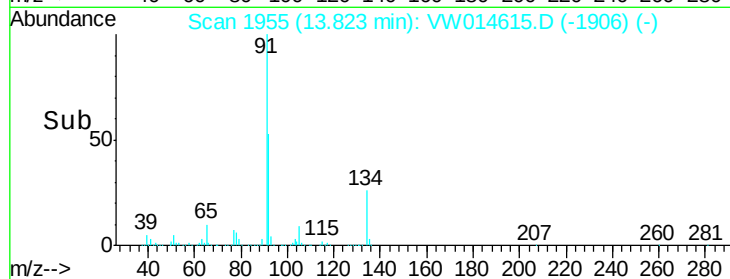
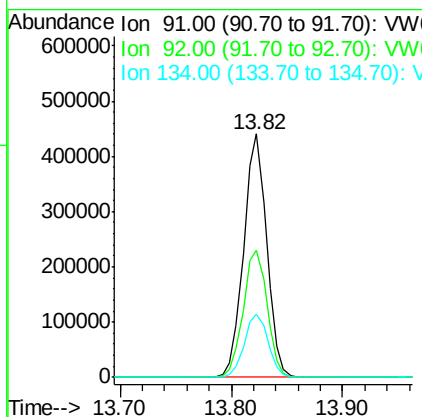
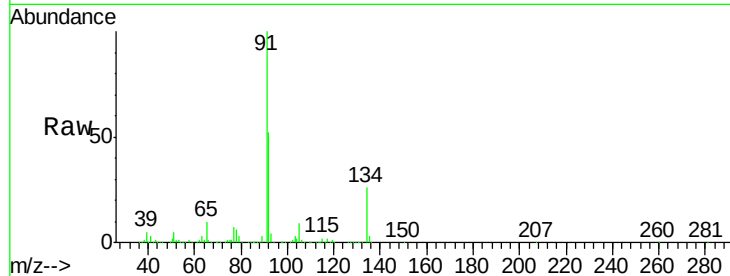
#89
n-Butylbenzene
Concen: 22.016 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0113SBS01

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

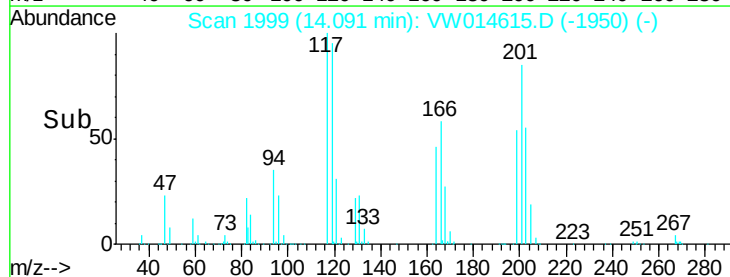
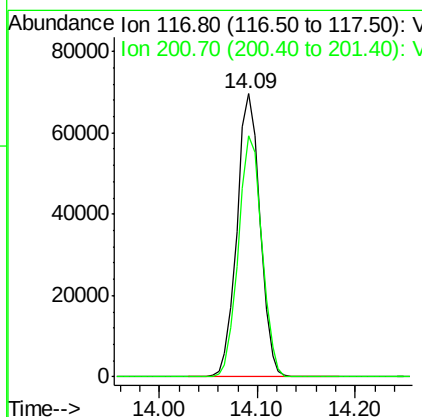
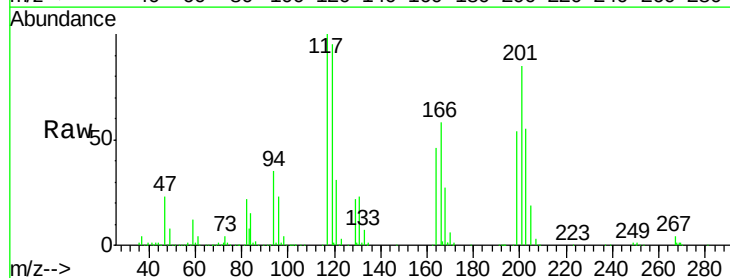
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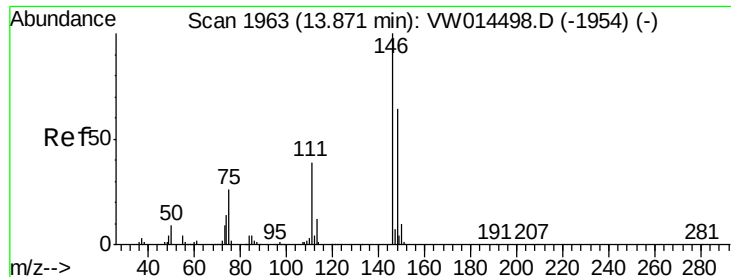
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#90
Hexachloroethane
Concen: 21.231 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.5	43.0	128.8





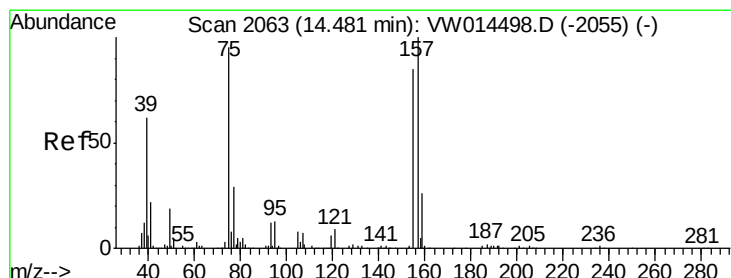
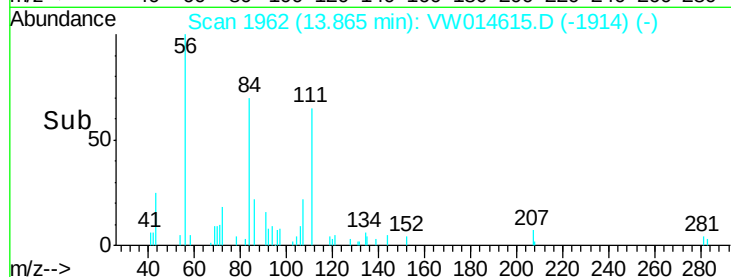
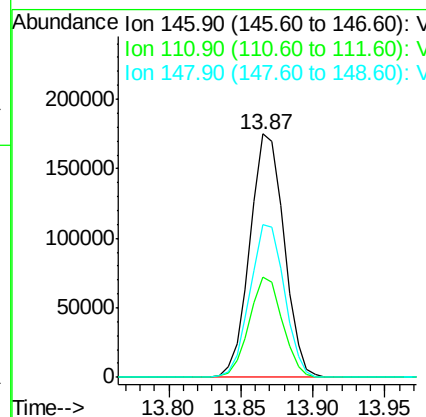
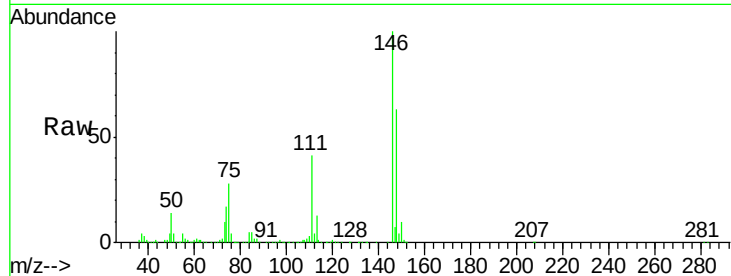
#91
 1,2-Dichlorobenzene
 Concen: 21.673 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0113SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	286799		
111	40.1		20.4	61.3
148	63.3		32.3	96.8

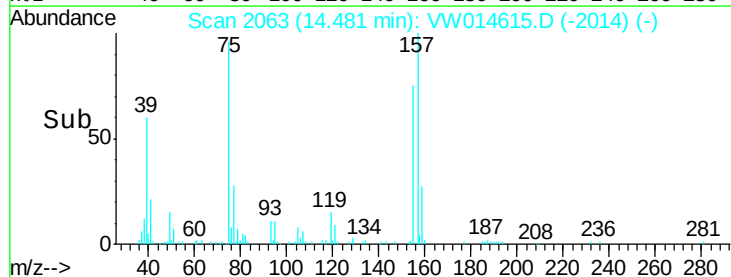
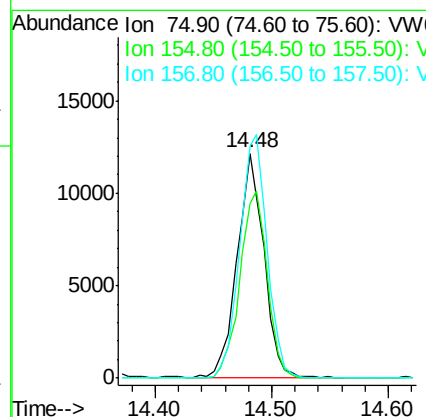
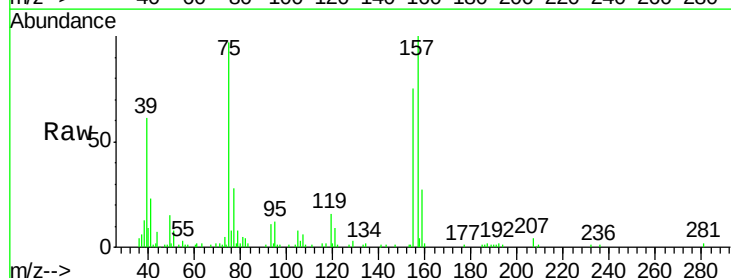
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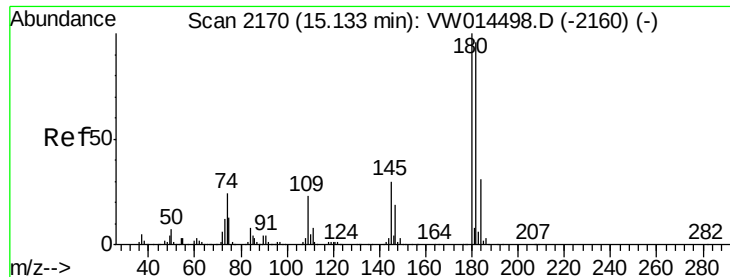
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.566 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19596		
155	84.4		45.8	137.4
157	109.4		58.1	174.2





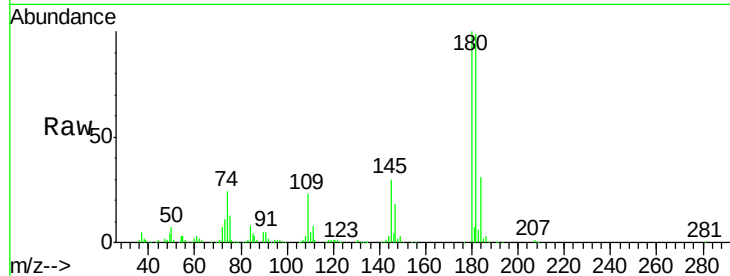
#93
 1,2,4-Trichlorobenzene
 Concen: 21.597 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0113SBS01

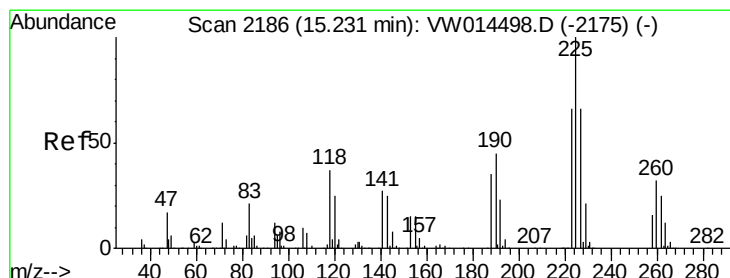
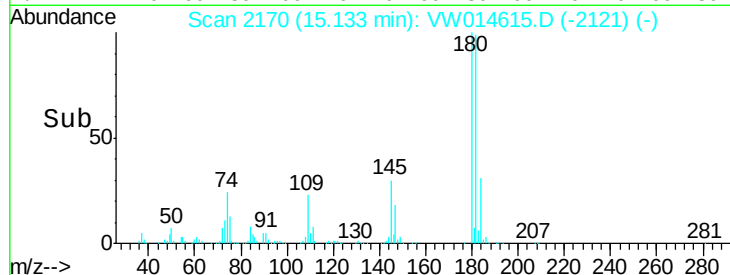
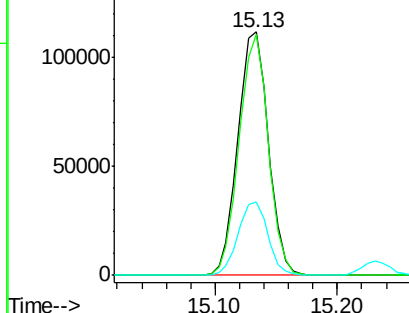
Tot Ion	Ratio	Resp	Lower	Upper
180	100	192993		
182	94.5	47.3	141.8	
145	29.5	14.7	44.1	

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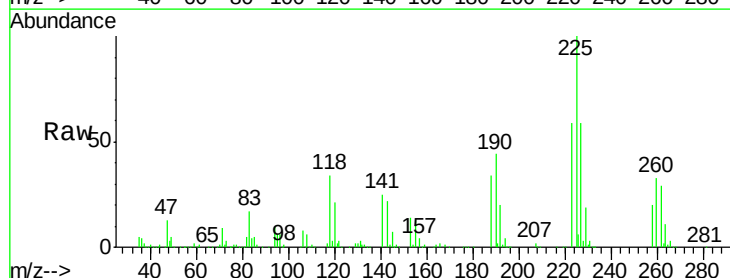


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

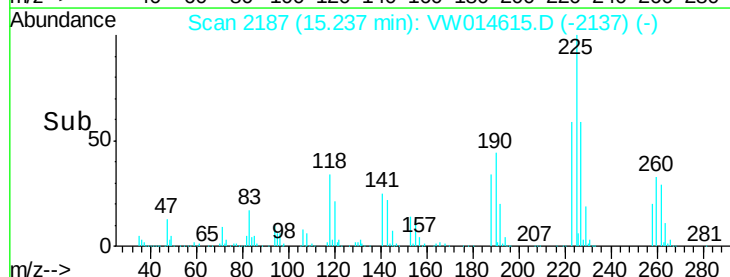
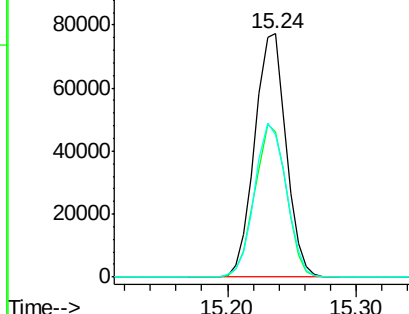


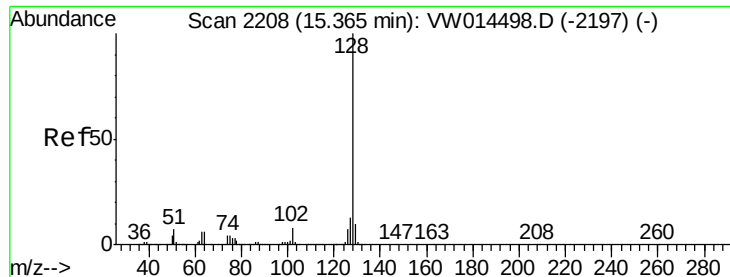
#94
 Hexachlorobutadiene
 Concen: 21.698 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014615.D
 Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	129940		
223	63.0	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





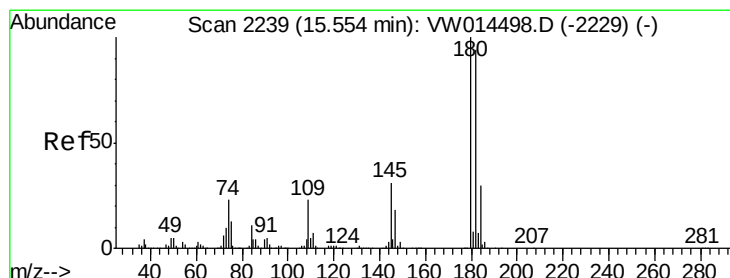
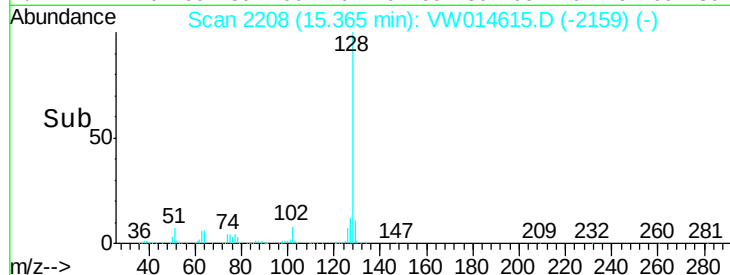
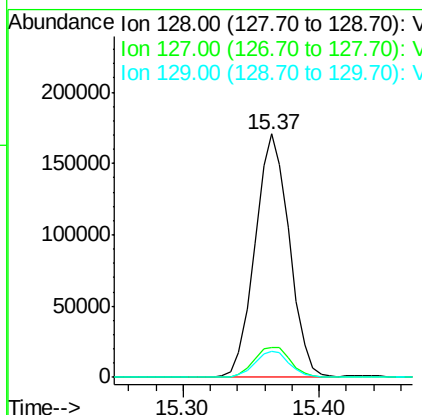
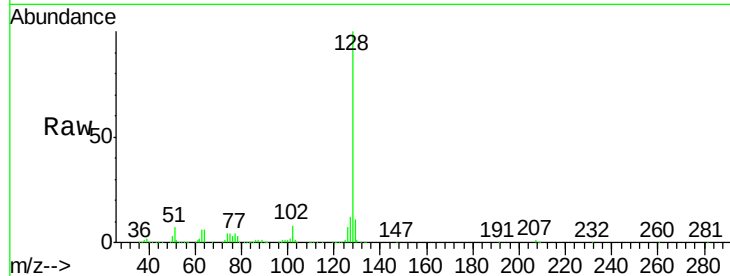
#95
Naphthalene
Concen: 19.796 ug/l
RT: 15.37 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Instrument :
MSVOA_W
ClientSampled :
VW0113SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	301699		
127	13.3		10.6	15.8
129	10.9		8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 21.019 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW014615.D
Acq: 13 Jan 2020 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	163723		
182	95.7		47.4	142.2
145	30.2		15.5	46.5

