

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015335.D
 Acq On : 24 Apr 2020 11:50
 Operator : SY/VA
 Sample : VW0424SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBS01

Manual Integrations
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 4/27/2020 2:28:01 PM

Quant Time: Apr 25 07:00:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	301664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	147008	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	87422	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
35) Dibromofluoromethane	7.88	113	85882	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.32	98	337453	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
62) 4-Bromofluorobenzene	12.62	95	124810	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	34520	20.380	ug/l	99
3) Chloromethane	2.21	50	35464	19.226	ug/l	98
4) Vinyl Chloride	2.36	62	44505	20.432	ug/l	97
5) Bromomethane	2.76	94	36697	23.695	ug/l	91
6) Chloroethane	2.92	64	25685	19.011	ug/l	97
7) Trichlorofluoromethane	3.26	101	66622	21.615	ug/l	98
8) Diethyl Ether	3.69	74	18718	21.636	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42793	22.514	ug/l	92
10) Methyl Iodide	4.28	142	32514	16.286	ug/l	99
11) Tert butyl alcohol	5.18	59	20573	143.887	ug/l	96
12) 1,1-Dichloroethene	4.04	96	39094	21.369	ug/l	89
13) Acrolein	3.90	56	10312	137.795	ug/l	94
14) Allyl chloride	4.67	41	47947	19.755	ug/l #	84
15) Acrylonitrile	5.37	53	35728	108.518	ug/l	99
16) Acetone	4.13	43	34504	112.626	ug/l	94
17) Carbon Disulfide	4.38	76	110577	20.339	ug/l	100
18) Methyl Acetate	4.68	43	17901	22.075	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	91347	21.750	ug/l	96
20) Methylene Chloride	4.92	84	38769	19.309	ug/l	90
21) trans-1,2-Dichloroethene	5.43	96	44418	21.407	ug/l	92
22) Diisopropyl ether	6.31	45	96301	20.683	ug/l	91
23) Vinyl Acetate	6.26	43	293318	107.353	ug/l	95
24) 1,1-Dichloroethane	6.22	63	67479	20.912	ug/l	97
25) 2-Butanone	7.17	43	46591	114.627	ug/l #	87
26) 2,2-Dichloropropane	7.17	77	73848	21.753	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	47666	21.279	ug/l	99
28) Bromochloromethane	7.51	49	23937	20.403	ug/l #	70
29) Tetrahydrofuran	7.53	42	28767	113.601	ug/l	90
30) Chloroform	7.68	83	74371	21.354	ug/l	100
31) Cyclohexane	7.95	56	66813	20.598	ug/l #	87
32) 1,1,1-Trichloroethane	7.87	97	74507	22.166	ug/l	99
36) 1,1-Dichloropropene	8.08	75	60796	22.329	ug/l	97
37) Ethyl Acetate	7.25	43	20780	23.517	ug/l	97
38) Carbon Tetrachloride	8.07	117	66964	22.506	ug/l	92

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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	9.34	83	77981	21.519	ug/l	94
40) Benzene	8.32	78	157256	21.622	ug/l	96
41) Methacrylonitrile	7.48	41	11223	21.168	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	46861	21.886	ug/l	100
43) Isopropyl Acetate	8.42	43	41452	22.367	ug/l	95
44) Trichloroethene	9.09	130	51022	22.935	ug/l	94
45) 1,2-Dichloropropane	9.37	63	36630	21.657	ug/l	94
46) Dibromomethane	9.46	93	21651	22.129	ug/l #	86
47) Bromodichloromethane	9.65	83	57833	22.112	ug/l	99
48) Methyl methacrylate	9.43	41	17898	20.429	ug/l #	79
49) 1,4-Dioxane	9.45	88	6028	462.165	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	96918	111.403	ug/l	97
52) Toluene	10.38	92	105913	20.808	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	54978	21.318	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	65061	21.704	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30779	22.467	ug/l	94
56) Ethyl methacrylate	10.65	69	36562	20.716	ug/l	92
57) 1,3-Dichloropropane	10.93	76	49761	21.927	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	88643	108.334	ug/l	90
59) 2-Hexanone	10.96	43	68176	109.780	ug/l	98
60) Dibromochloromethane	11.13	129	40833	22.574	ug/l	99
61) 1,2-Dibromoethane	11.23	107	30111	22.525	ug/l	98
64) Tetrachloroethene	10.86	164	45853	23.873	ug/l	93
65) Chlorobenzene	11.66	112	117075	22.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44379	23.382	ug/l	98
67) Ethyl Benzene	11.73	91	212127	21.540	ug/l	98
68) m/p-Xylenes	11.83	106	165833	42.959	ug/l	100
69) o-Xylene	12.16	106	77411	21.484	ug/l	100
70) Styrene	12.18	104	132494	21.572	ug/l	99
71) Bromoform	12.35	173	25309	23.665	ug/l #	98
73) Isopropylbenzene	12.46	105	220767	21.659	ug/l	100
74) N-amyl acetate	12.27	43	37270	21.018	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	32492	22.452	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	21446m	18.858	ug/l	
77) Bromobenzene	12.74	156	51558	22.017	ug/l	82
78) n-propylbenzene	12.80	91	251020	21.152	ug/l	97
79) 2-Chlorotoluene	12.89	91	143226	21.415	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	186533	21.245	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11232	21.590	ug/l	93
82) 4-Chlorotoluene	12.99	91	148720	20.943	ug/l	96
83) tert-Butylbenzene	13.21	119	168540	21.962	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	186095	21.489	ug/l	99
85) sec-Butylbenzene	13.38	105	229577	21.662	ug/l	98
86) p-Isopropyltoluene	13.50	119	211426	21.469	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	100075	21.508	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	100845	22.110	ug/l	98
89) n-Butylbenzene	13.82	91	190565	21.171	ug/l	97
90) Hexachloroethane	14.09	117	39224	21.718	ug/l	74
91) 1,2-Dichlorobenzene	13.87	146	89806	22.211	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5723	21.852	ug/l	87

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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	61199	21.776	ug/l	98
94) Hexachlorobutadiene	15.24	225	42561	22.715	ug/l	98
95) Naphthalene	15.36	128	98108	21.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	51418	22.487	ug/l	96

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

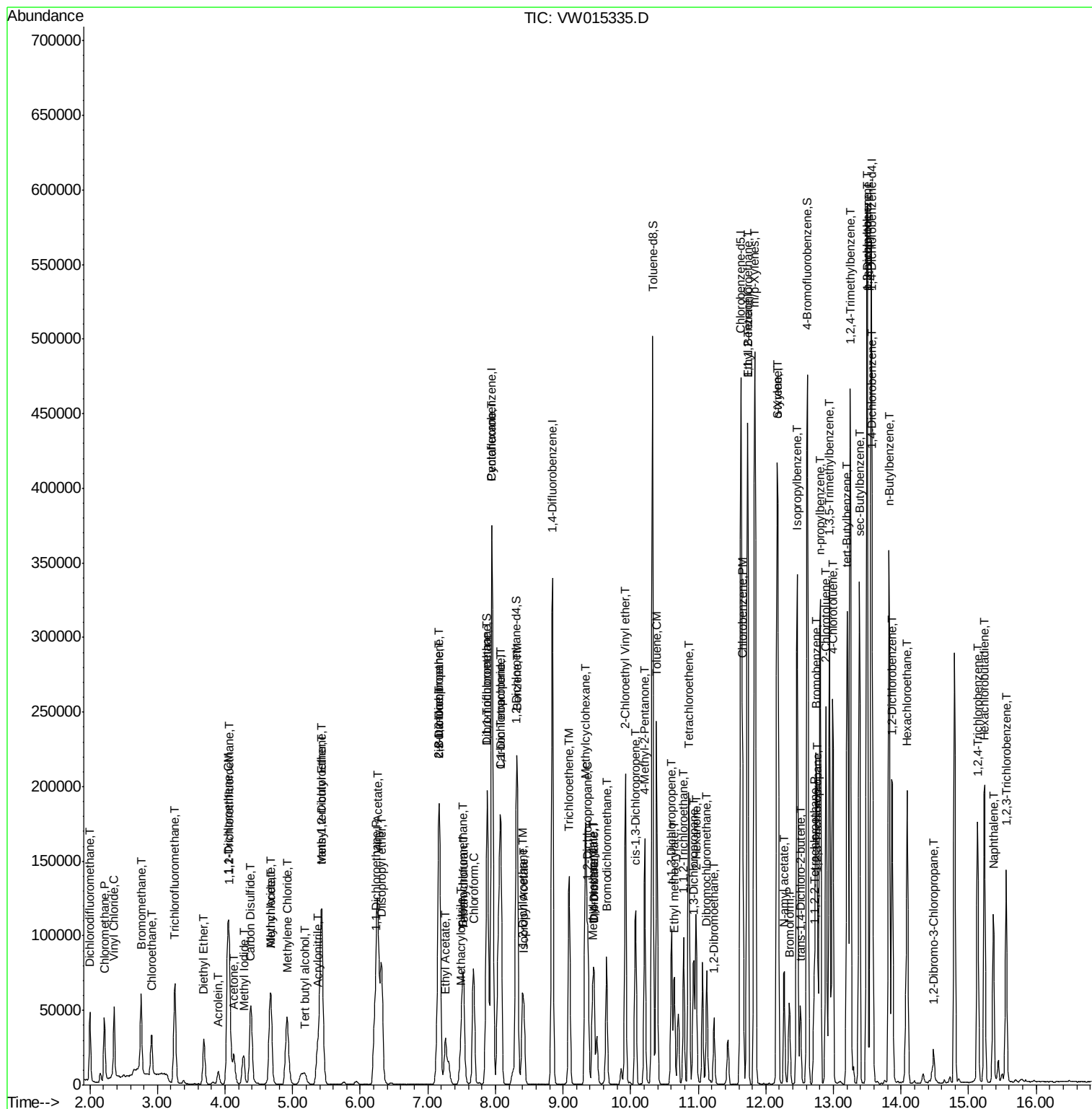
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042420\
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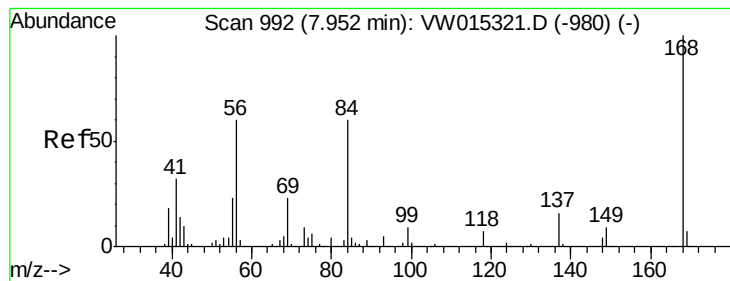
Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Tot Ion: 168 Resp: 214493

Ion Ratio Lower Upper

168 100

99 50.1 48.5 72.7

Instrument :

MSVOA_W

ClientSampled :

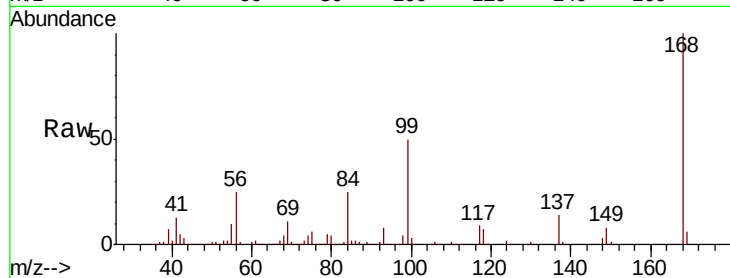
VW0424SBS01

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

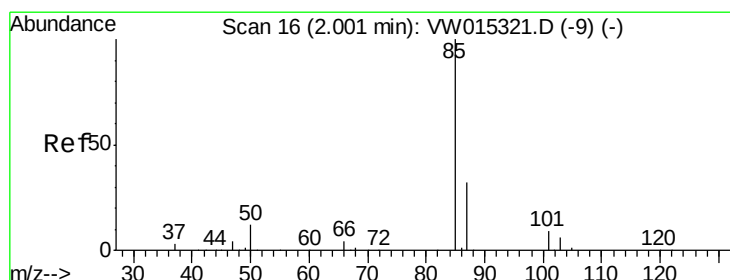
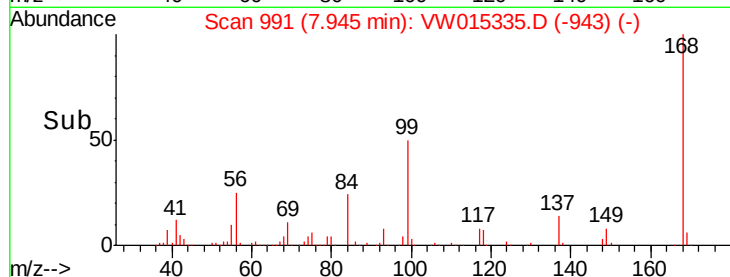
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.380 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015335.D

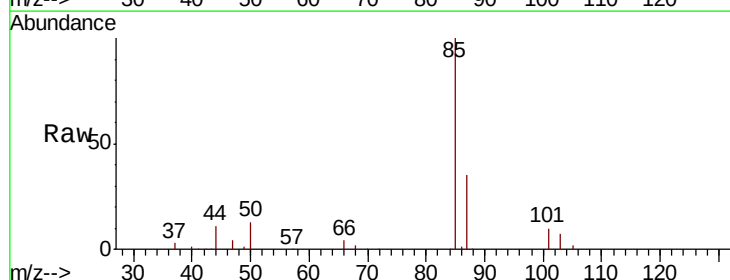
Acq: 24 Apr 2020 11:50

Tgt Ion: 85 Resp: 34520

Ion Ratio Lower Upper

85 100

87 34.7 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

15000

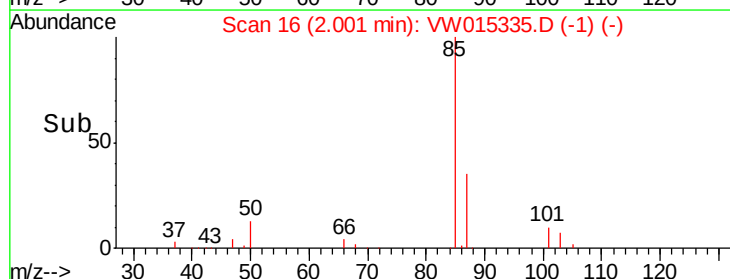
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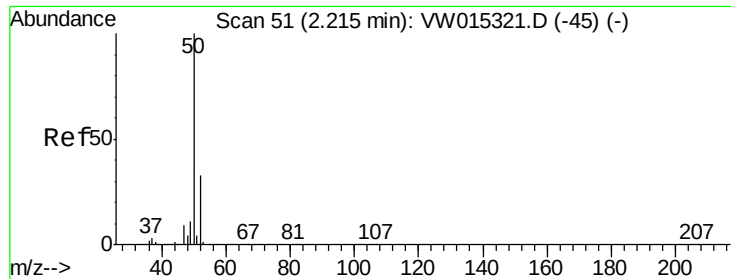
5000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.226 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_W

ClientSampled :

VW0424SBS01

Tot Ion: 50 Resp: 35464

Ion Ratio Lower Upper

50 100

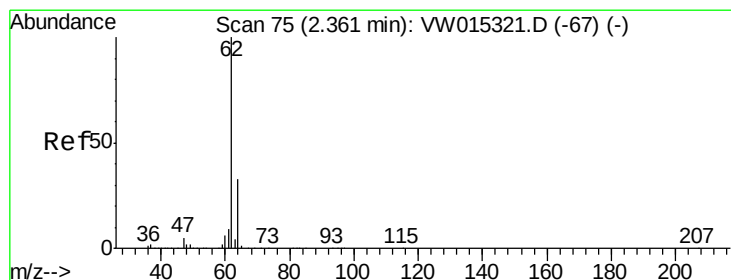
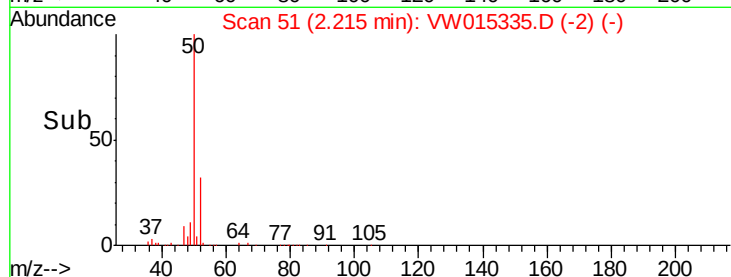
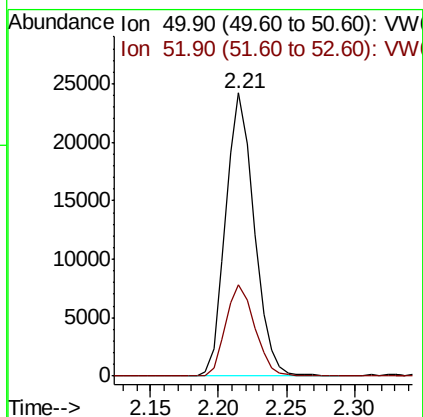
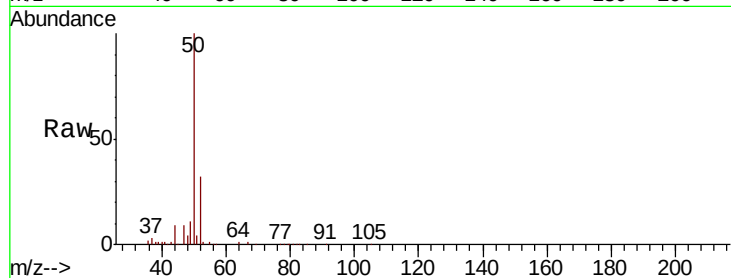
52 32.1 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.432 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015335.D

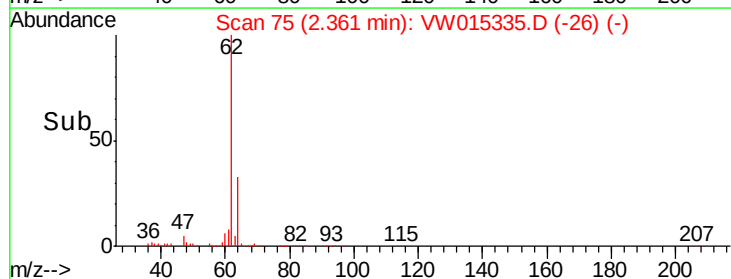
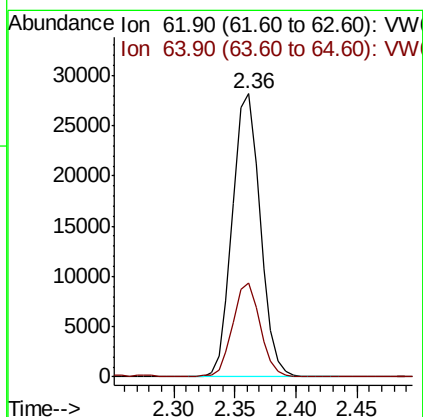
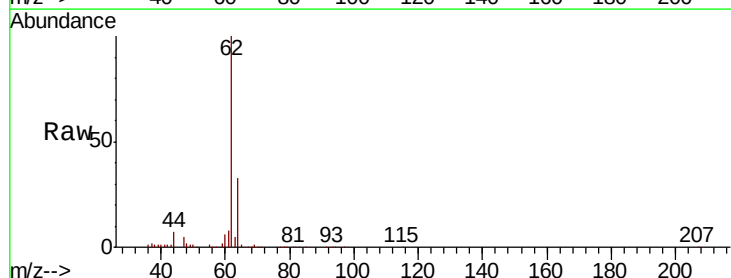
Acq: 24 Apr 2020 11:50

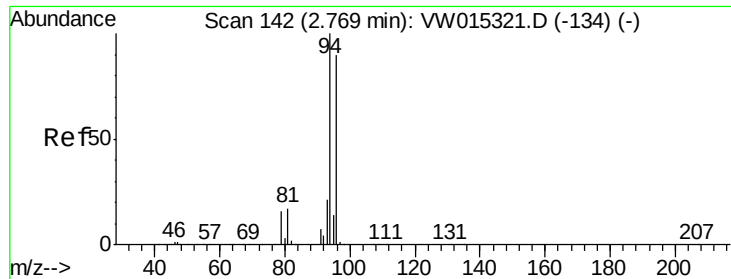
Tgt Ion: 62 Resp: 44505

Ion Ratio Lower Upper

62 100

64 33.3 25.4 38.2





#5

Bromomethane

Concen: 23.695 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBS01

Tot Ion: 94 Resp: 36697

Ion Ratio Lower Upper

94 100

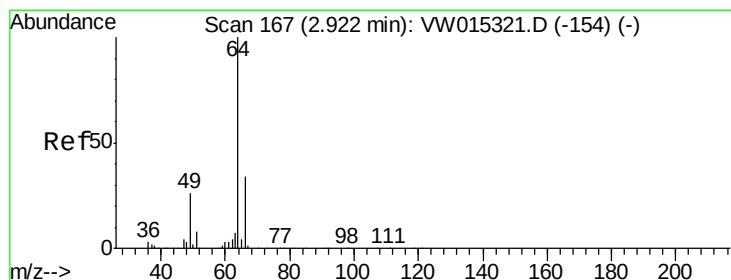
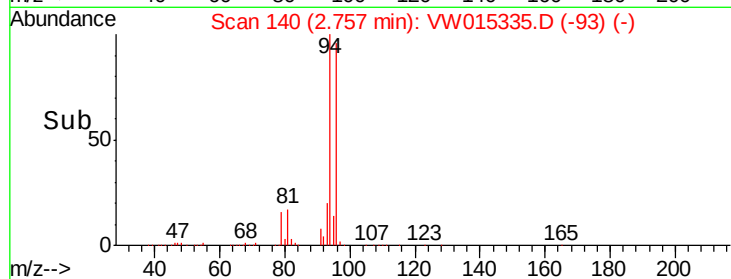
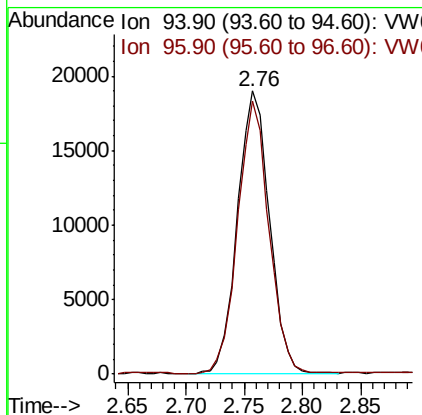
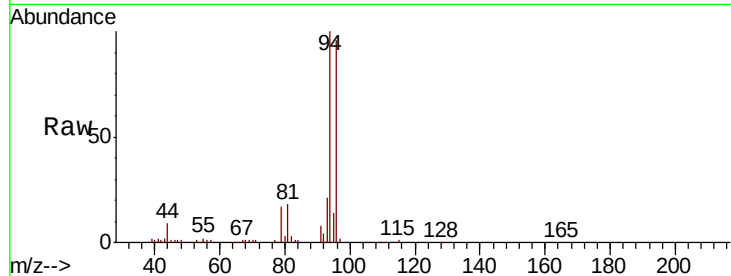
96 96.0 70.4 105.6

Manual Integrations

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#6

Chloroethane

Concen: 19.011 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015335.D

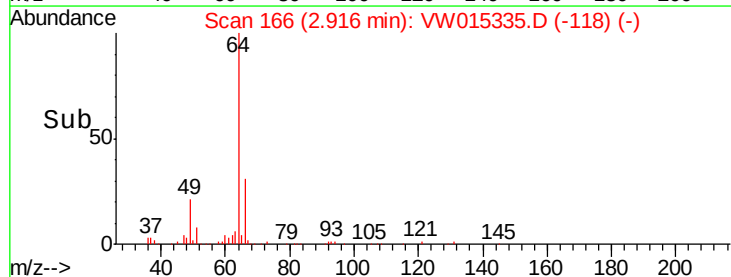
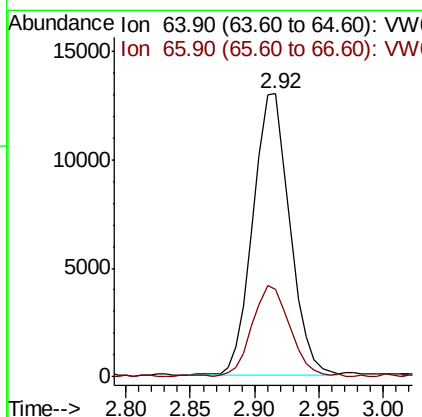
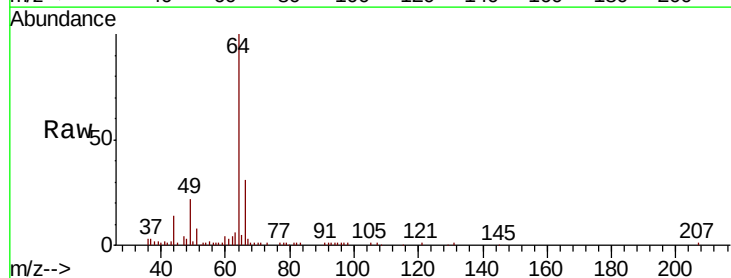
Acq: 24 Apr 2020 11:50

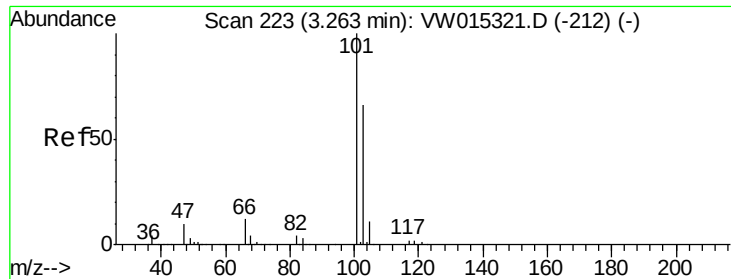
Tgt Ion: 64 Resp: 25685

Ion Ratio Lower Upper

64 100

66 30.7 25.8 38.6





#7

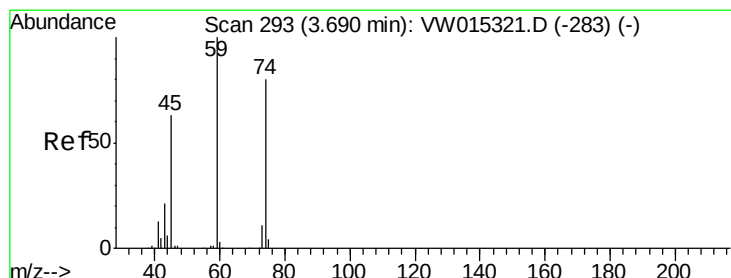
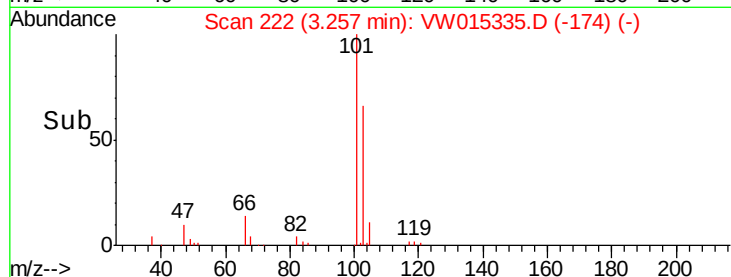
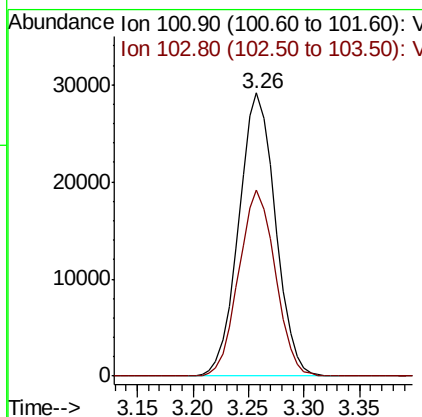
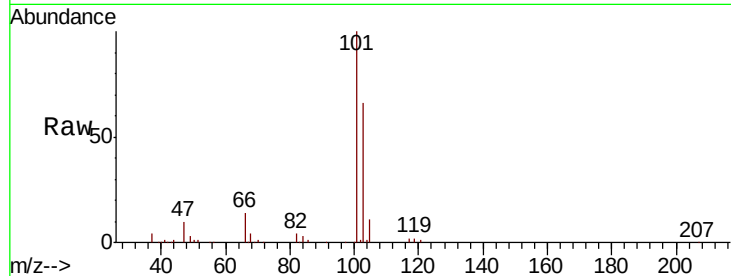
Trichlorofluoromethane
 Concen: 21.615 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.3	76.9

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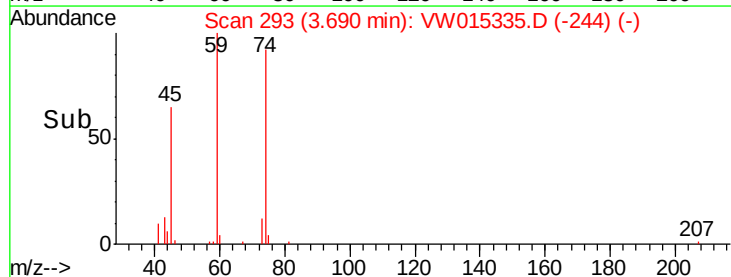
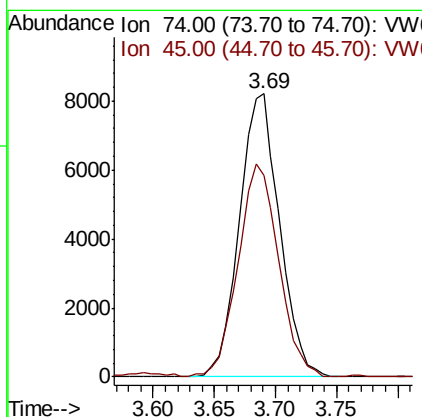
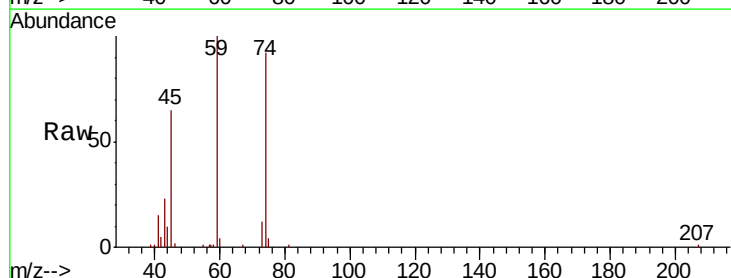
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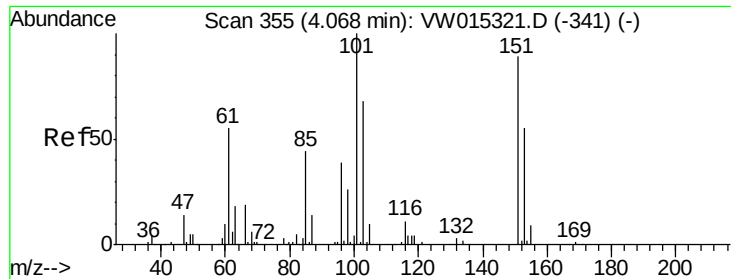


#8

Diethyl Ether
 Concen: 21.636 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	76.1	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.514 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

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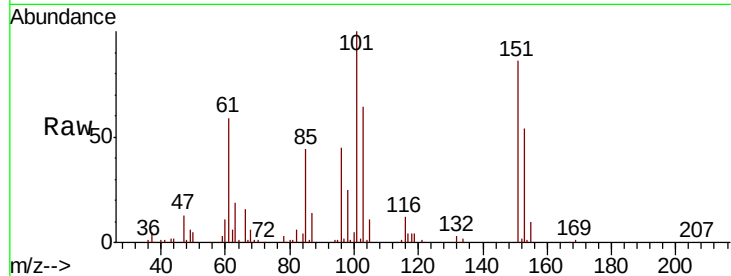
ClientSampleId :

VW0424SBS01

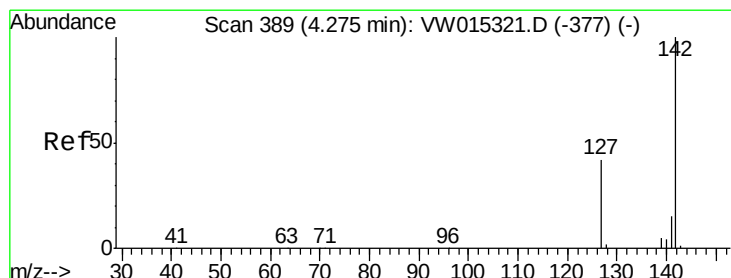
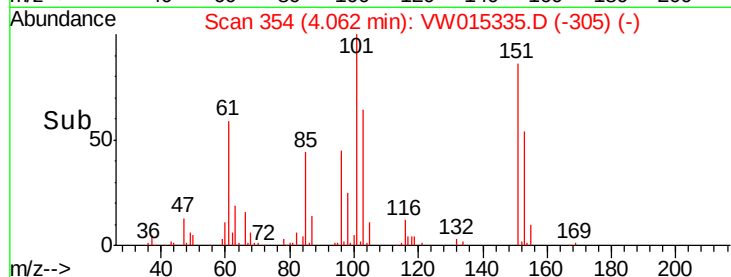
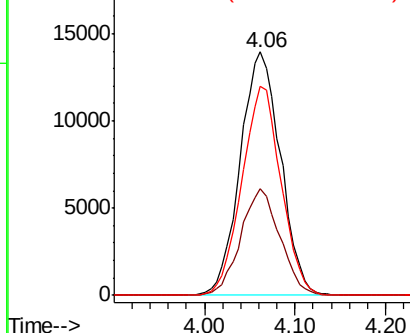
Tot Ion:	101	Resp:	42793
Ion Ratio	Lower	Upper	
101	100		
85	42.8	35.3	52.9
151	83.5	59.3	88.9

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.286 ug/l

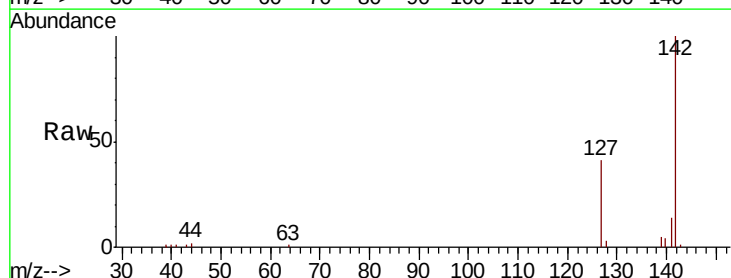
RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

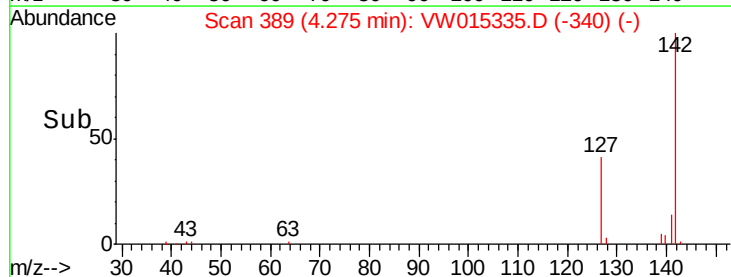
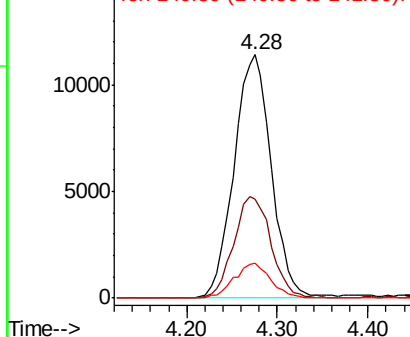
Lab File: VW015335.D

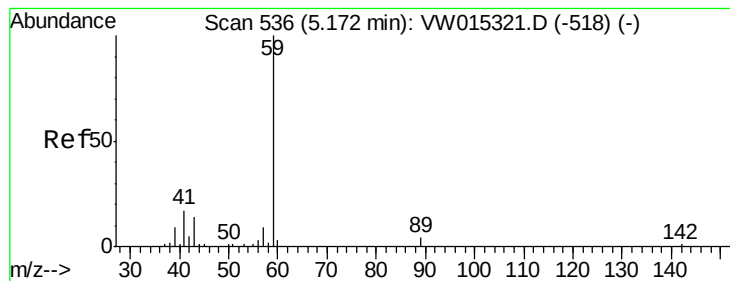
Acq: 24 Apr 2020 11:50

Tgt Ion:	142	Resp:	32514
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.9	50.9
141	13.9	11.4	17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

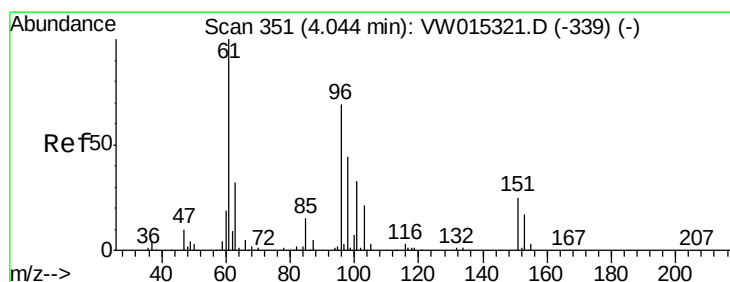
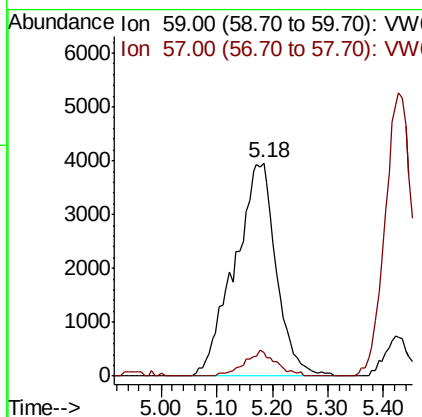
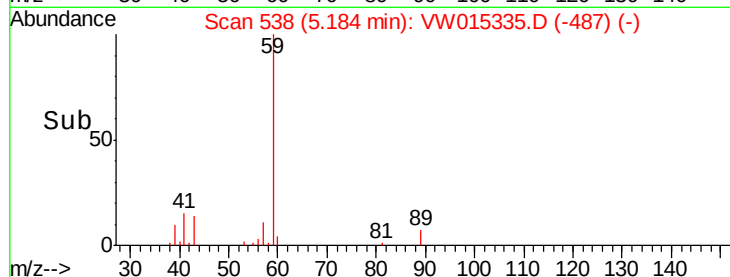
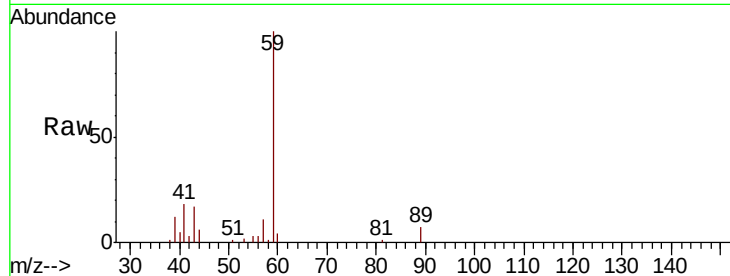
Tert butyl alcohol
 Concen: 143.887 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Instrument :
 MSVOA_W
 ClientSampled :
 VW0424SBS01

Tot Ion	59	Resp	20573
Ion Ratio	100	Lower	Upper
57	9.2	8.4	12.6

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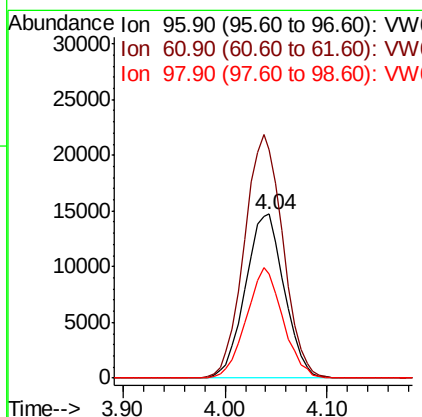
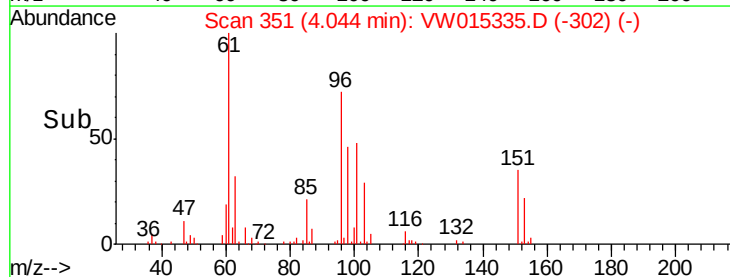
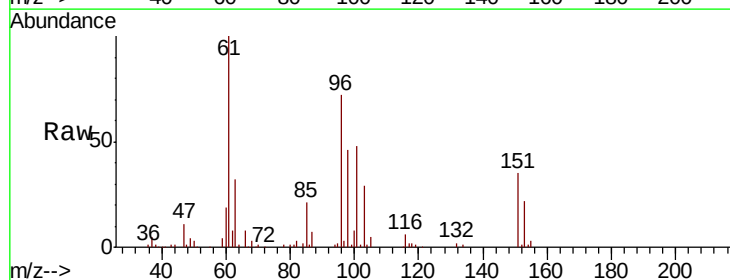
apatel
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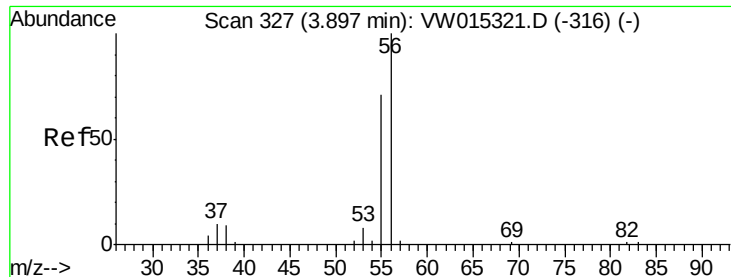


#12

1,1-Dichloroethene
 Concen: 21.369 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Tgt Ion	96	Resp	39094
Ion Ratio	100	Lower	Upper
61	139.1	127.0	190.4
98	63.4	51.0	76.4





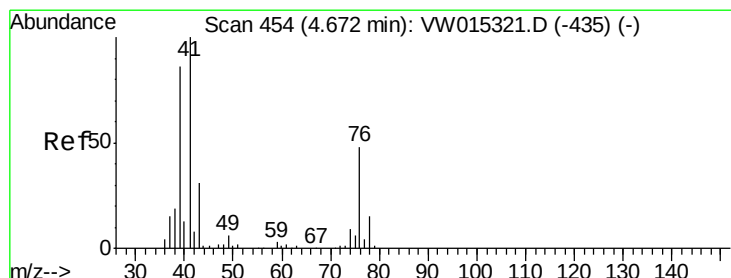
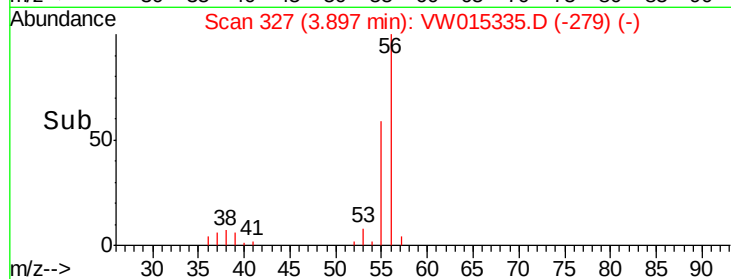
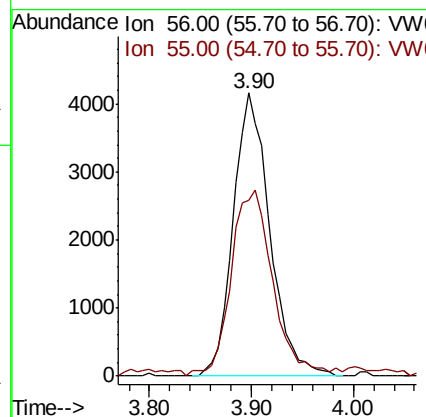
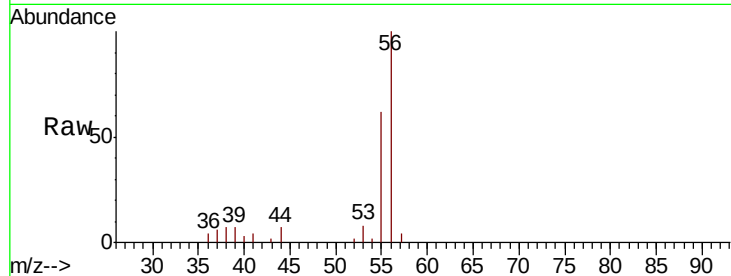
#13
Acrolein
Concen: 137.795 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.01 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	75.0	56.2	84.2	

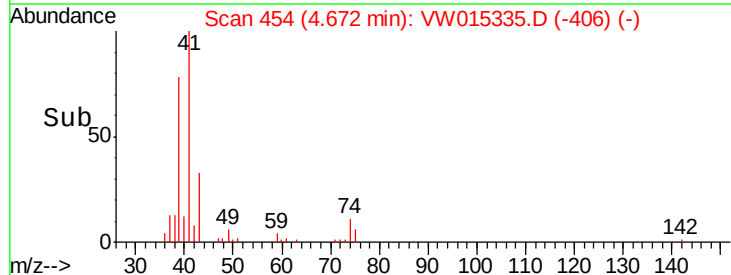
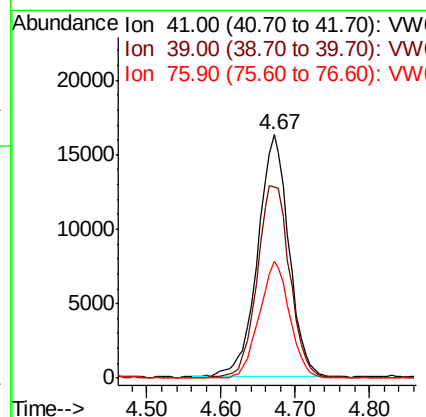
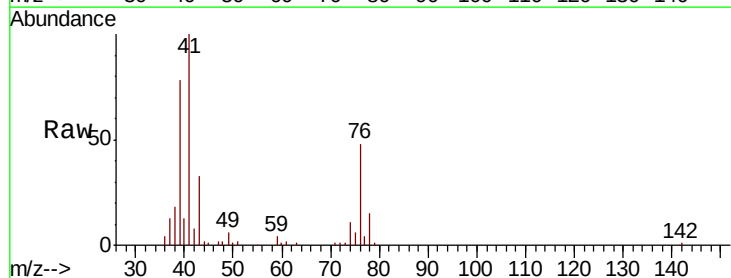
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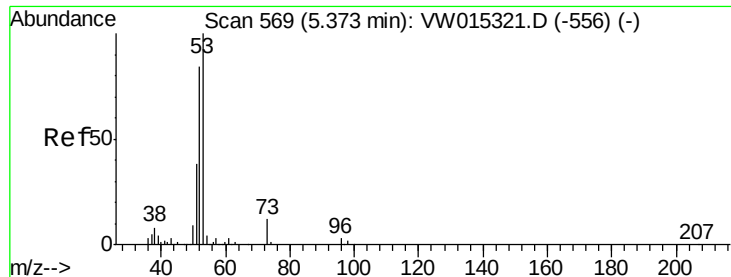
apatel
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#14
Allyl chloride
Concen: 19.755 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	83.4	54.0	81.0#	
76	46.4	31.8	47.6	





#15

Acrylonitrile

Concen: 108.518 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_W

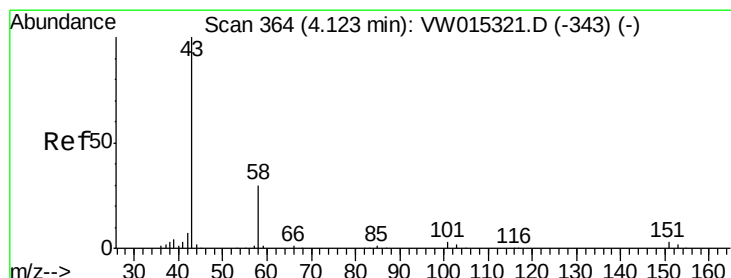
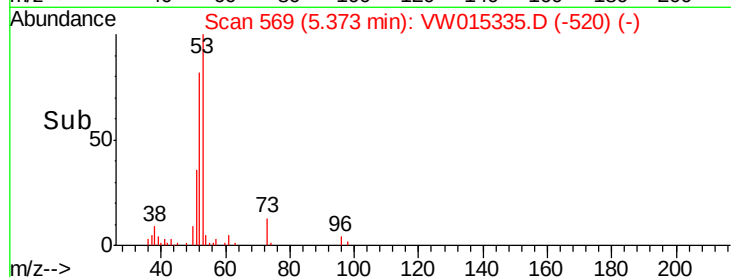
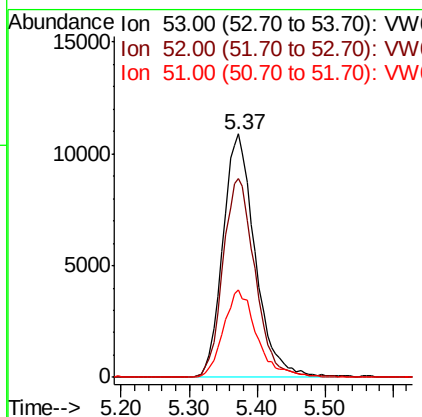
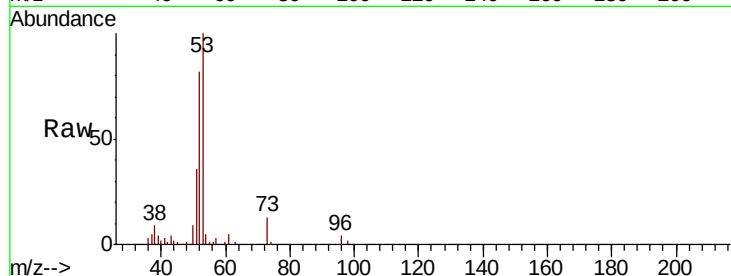
ClientSampled :

VW0424SBS01

Tot Ion:	53	Resp:	35728
Ion Ratio	Lower	Upper	
53	100		
52	81.3	65.2	97.8
51	37.2	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 112.626 ug/l

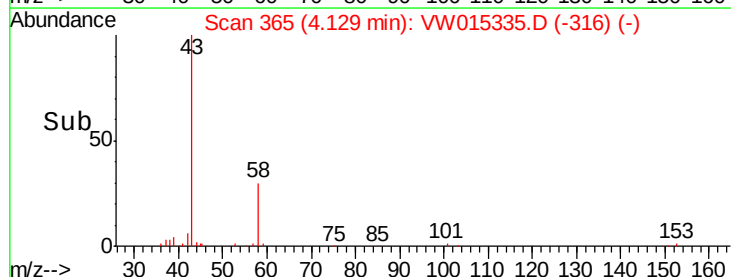
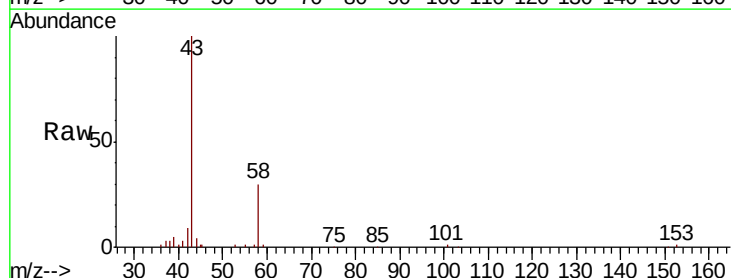
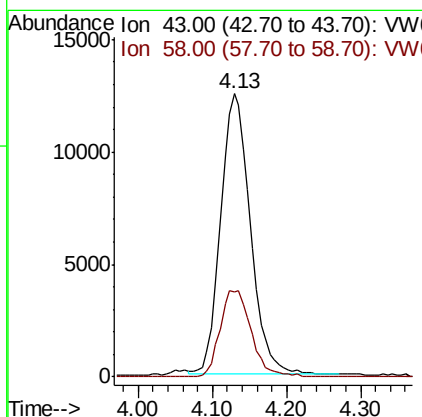
RT: 4.13 min Scan# 365

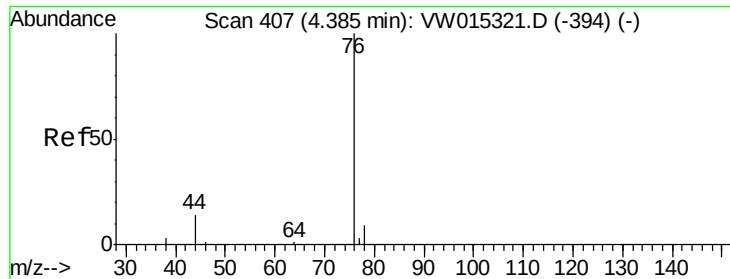
Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Tgt Ion:	43	Resp:	34504
Ion Ratio	Lower	Upper	
43	100		
58	30.2	27.0	40.4





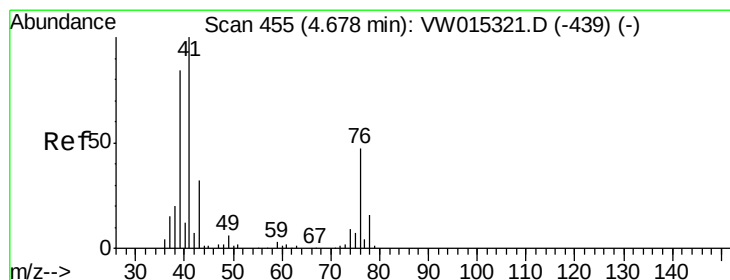
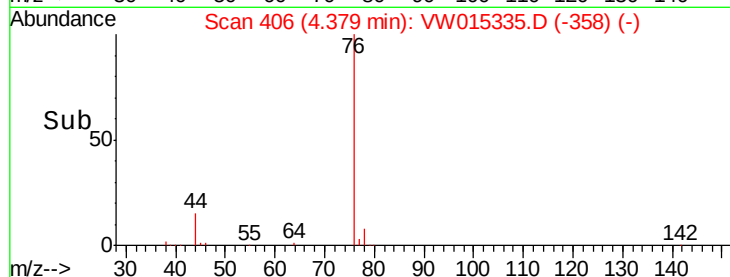
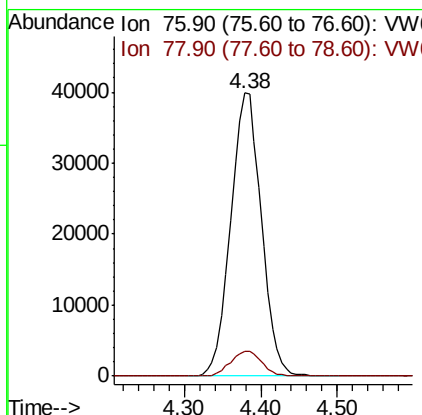
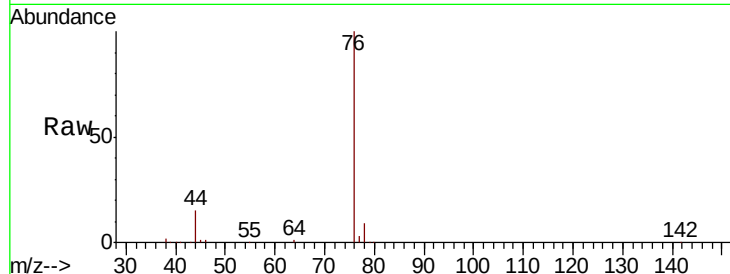
#17
Carbon Disulfide
Concen: 20.339 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	76	Resp	110577
Ion Ratio	Lower	Upper	
76	100		
78	8.7	7.0	10.6

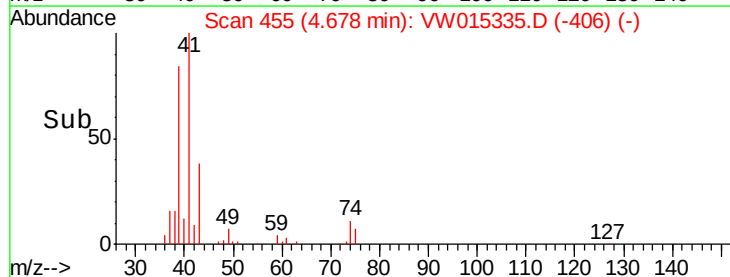
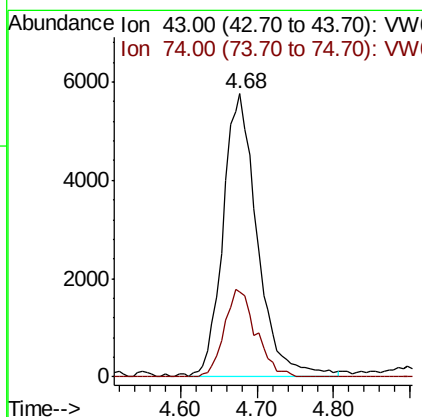
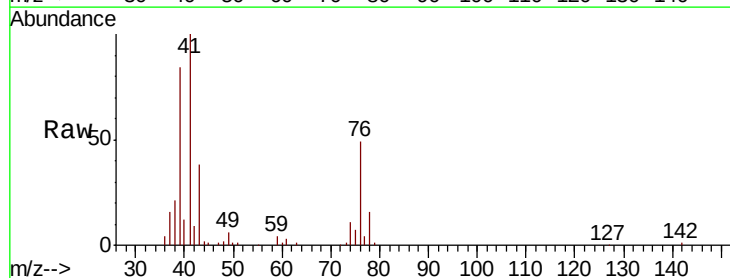
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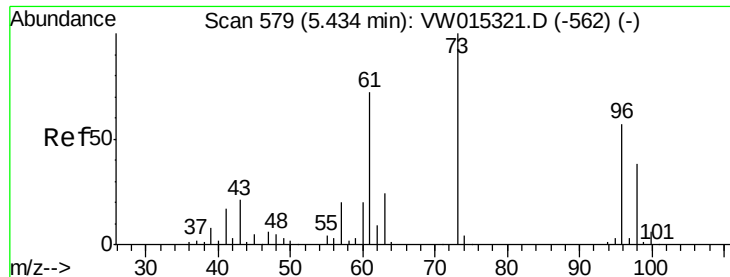
apatel
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#18
Methyl Acetate
Concen: 22.075 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion	43	Resp	17901
Ion Ratio	Lower	Upper	
43	100		
74	28.4	20.6	31.0





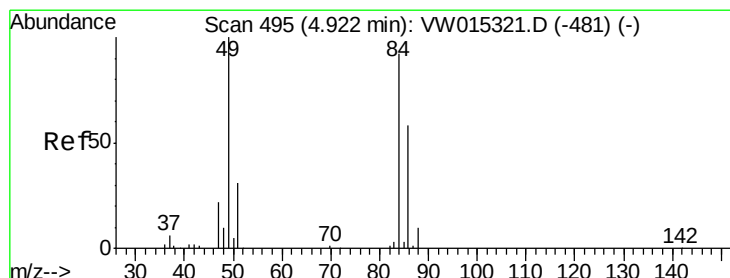
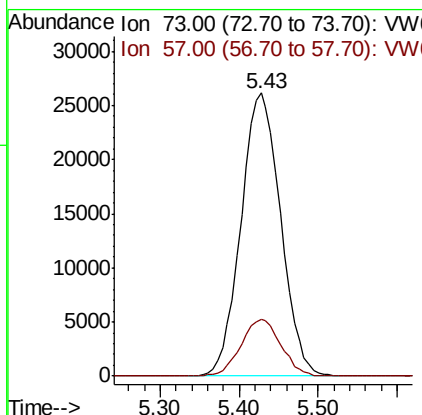
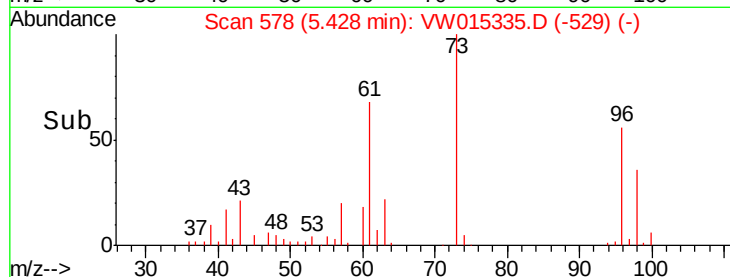
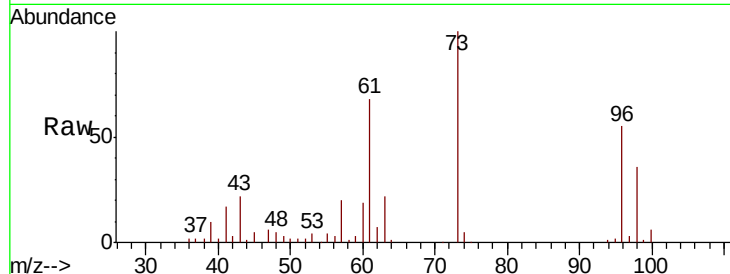
#19
Methyl tert-butyl Ether
Concen: 21.750 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampled :
VW0424SBS01

Tot Ion: 73 Resp: 91347
Ion Ratio Lower Upper
73 100
57 20.1 17.8 26.6

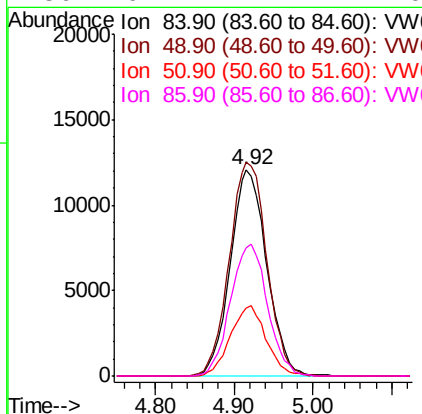
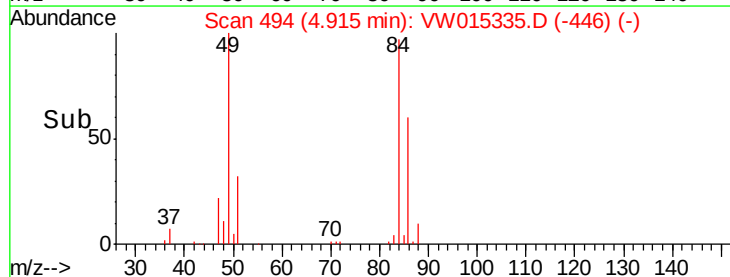
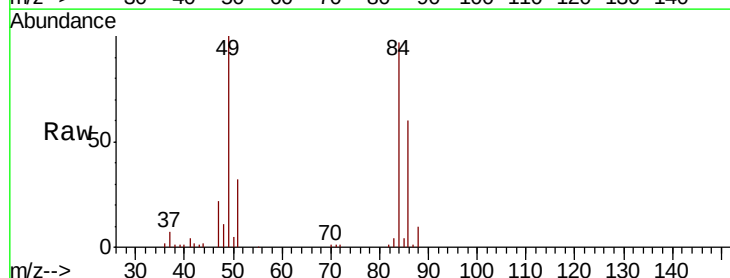
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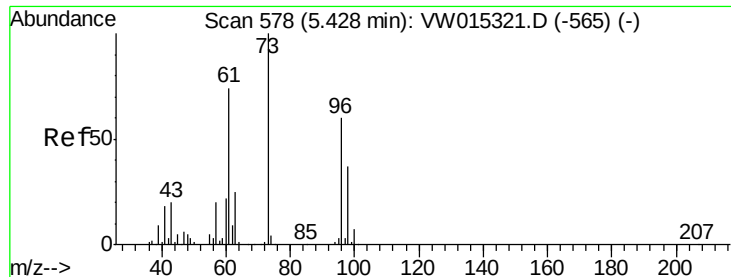
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#20
Methylene Chloride
Concen: 19.309 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion: 84 Resp: 38769
Ion Ratio Lower Upper
84 100
49 103.3 95.4 143.0
51 32.9 29.8 44.8
86 62.1 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 21.407 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_W

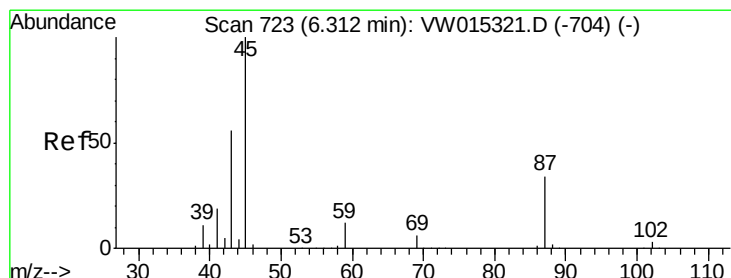
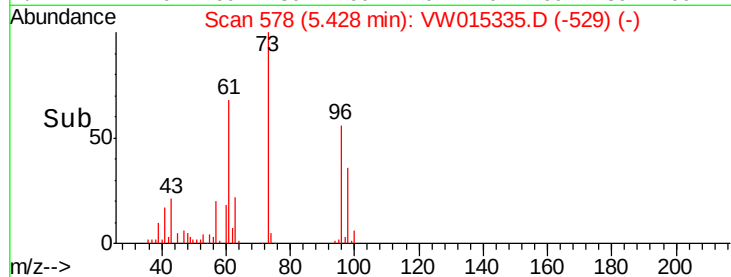
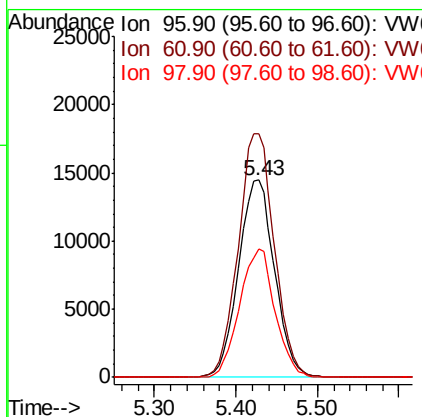
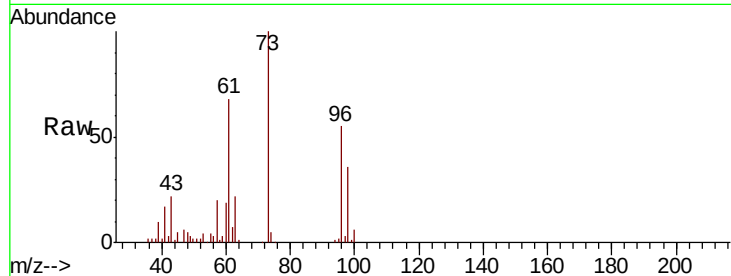
ClientSampleId :

VW0424SBS01

Tot Ion:	96	Resp:	44418
Ion	Ratio	Lower	Upper
96	100		
61	123.2	107.8	161.6
98	65.2	50.2	75.2

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#22

Diisopropyl ether

Concen: 20.683 ug/l

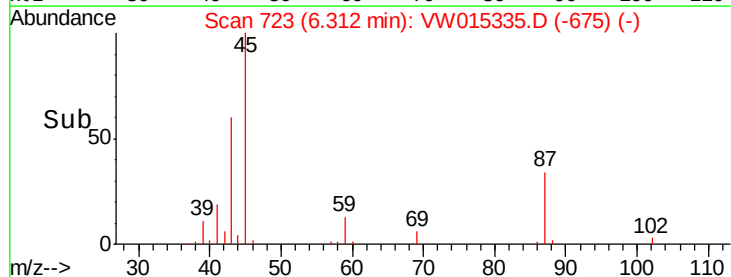
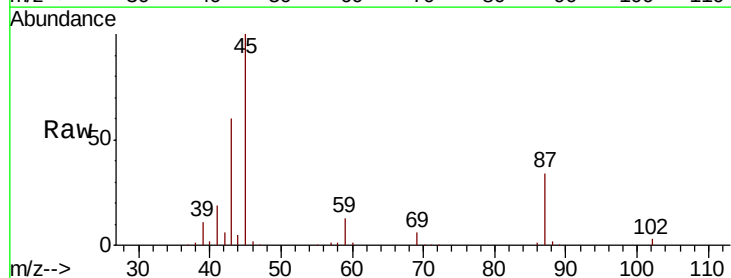
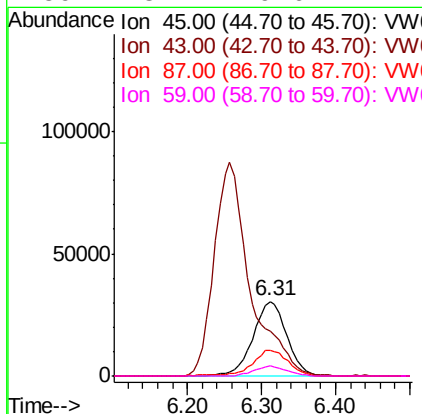
RT: 6.31 min Scan# 723

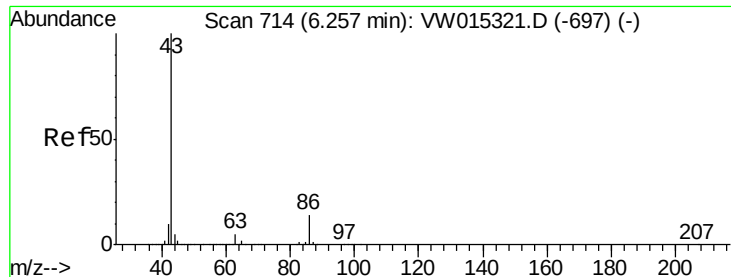
Delta R.T. -0.01 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Tgt Ion:	45	Resp:	96301
Ion	Ratio	Lower	Upper
45	100		
43	59.2	41.8	62.6
87	34.5	23.2	34.8
59	13.1	9.6	14.4





#23

Vinyl Acetate

Concen: 107.353 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_W

ClientSampled :

VW0424SBS01

Tot Ion: 43 Resp: 293318

Ion Ratio Lower Upper

43 100

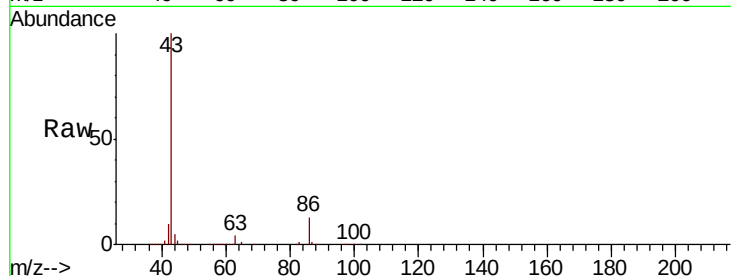
86 13.4 9.1 13.7

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

100000

80000

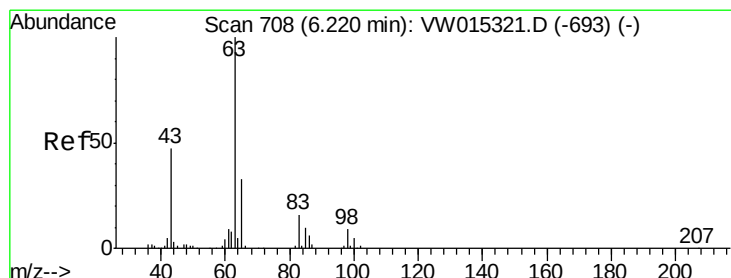
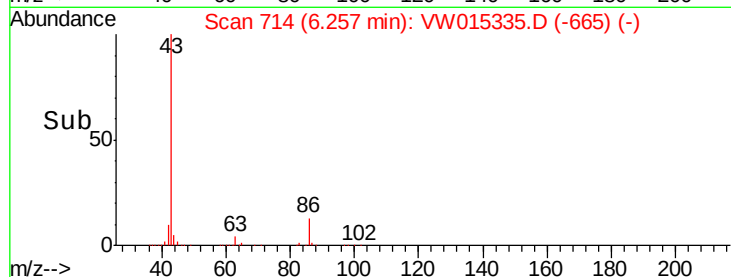
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.912 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

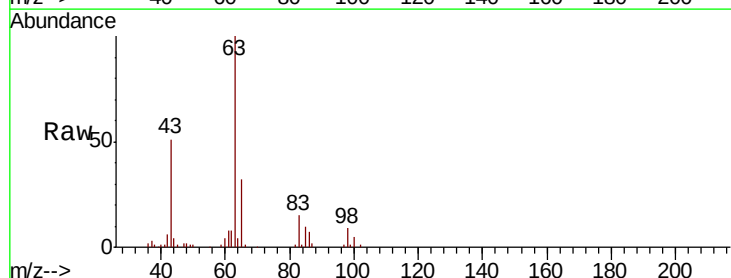
Tgt Ion: 63 Resp: 67479

Ion Ratio Lower Upper

63 100

98 8.6 3.6 10.9

100 5.3 2.4 7.2



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

30000

25000

20000

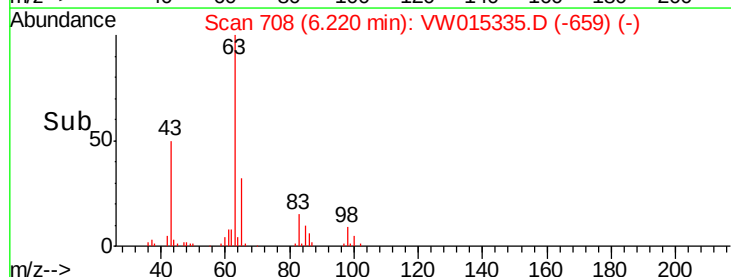
15000

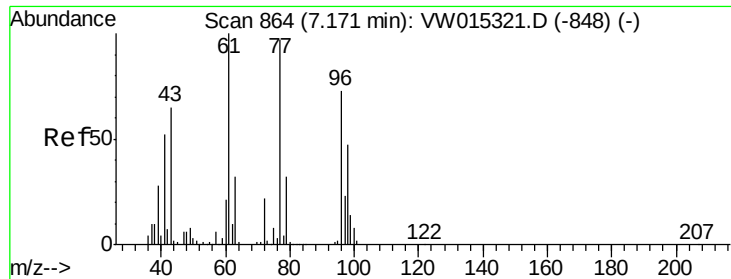
10000

5000

0

Time-->





#25

2-Butanone

Concen: 114.627 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_W

ClientSampled :

VW0424SBS01

Tot Ion: 43 Resp: 46591

Ion Ratio Lower Upper

43 100

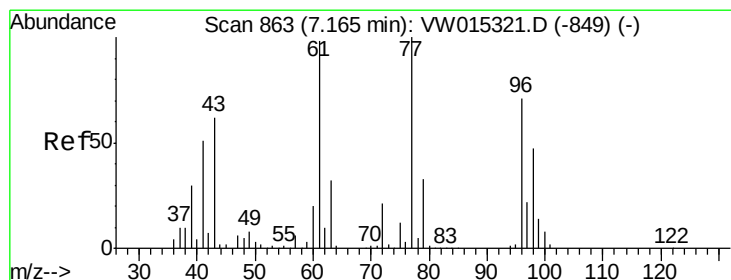
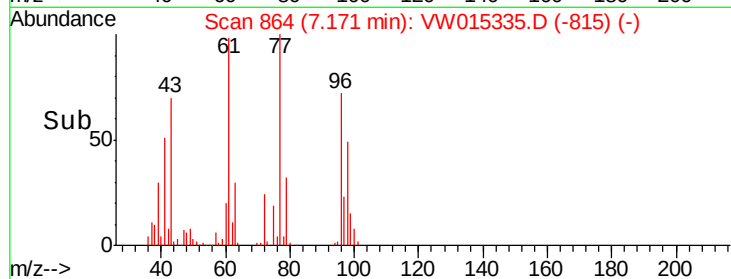
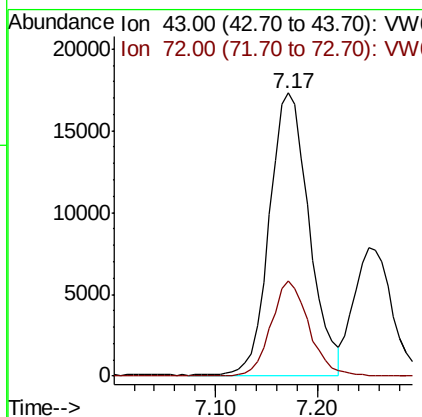
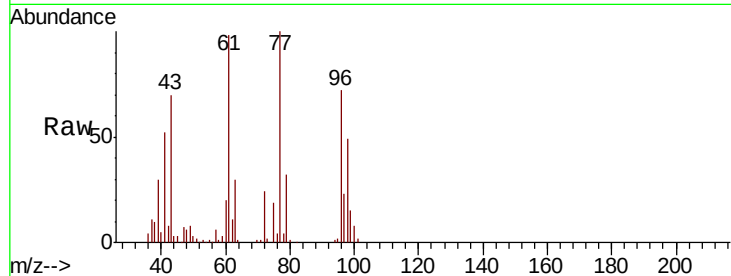
72 33.7 21.6 32.4#

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#26

2,2-Dichloropropane

Concen: 21.753 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015335.D

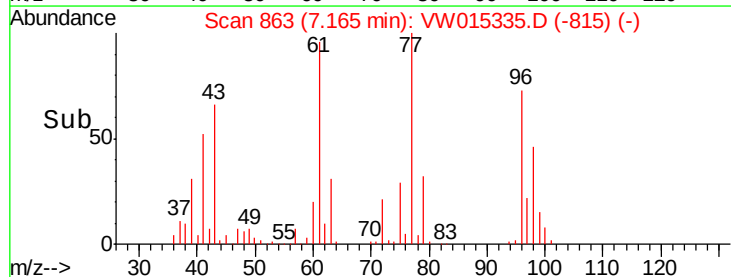
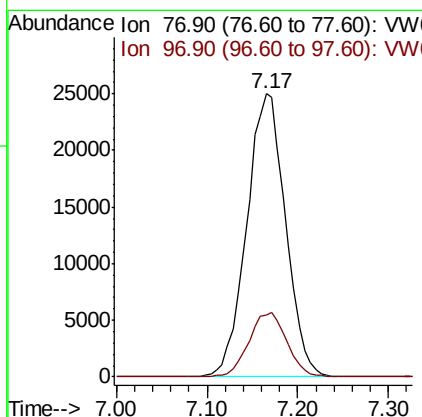
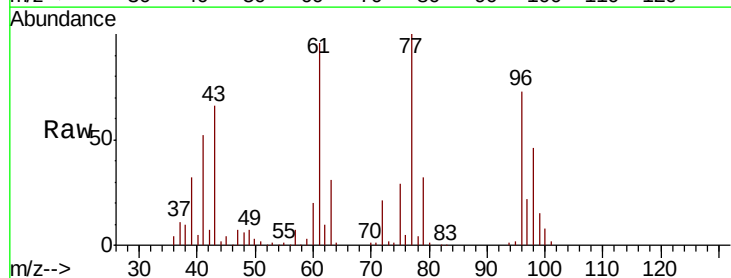
Acq: 24 Apr 2020 11:50

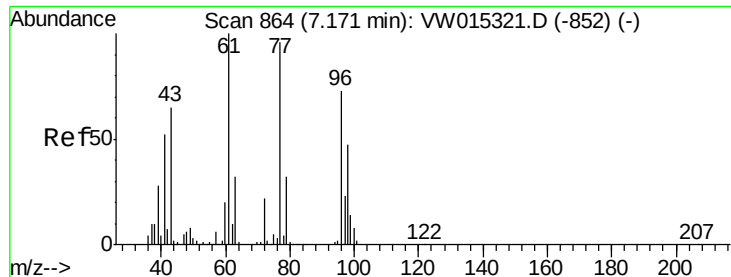
Tgt Ion: 77 Resp: 73848

Ion Ratio Lower Upper

77 100

97 22.3 11.9 35.5





#27

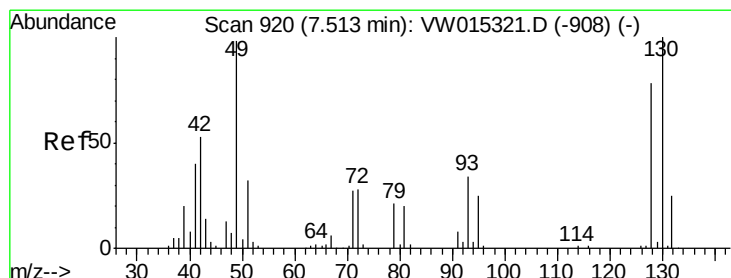
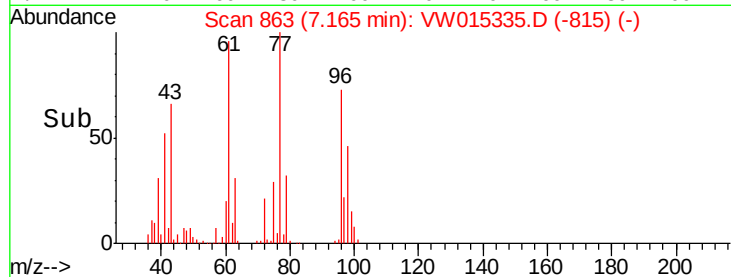
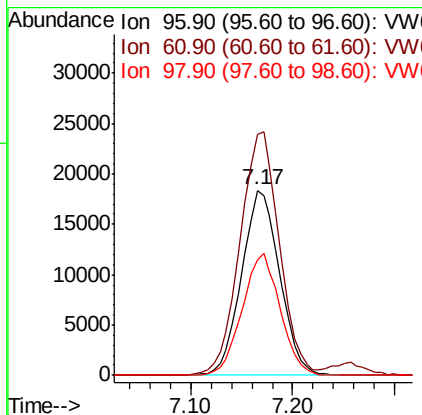
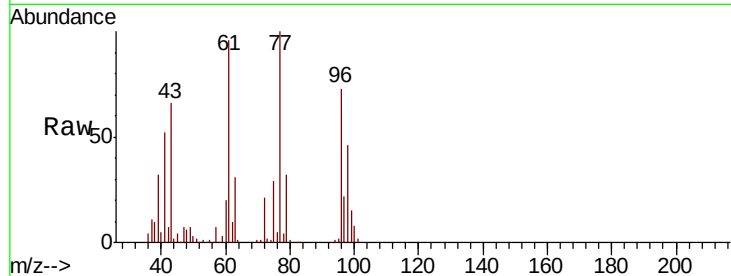
cis-1,2-Dichloroethene
 Concen: 21.279 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	275.0
98	65.6	0.0	130.8

Manual Integrations
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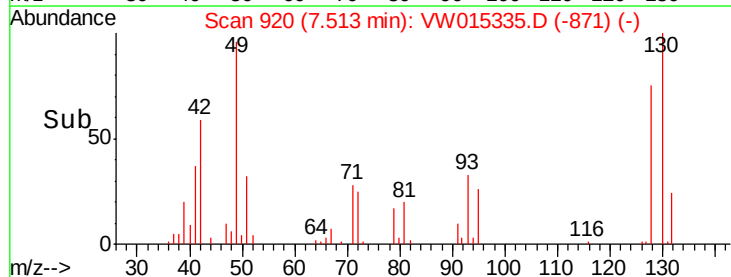
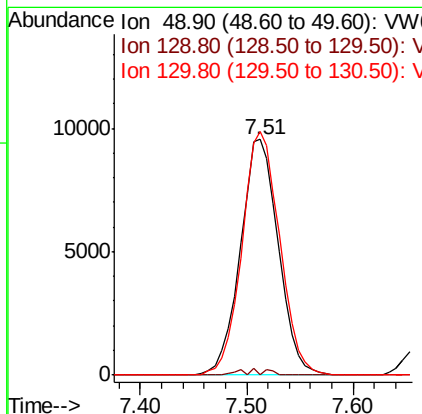
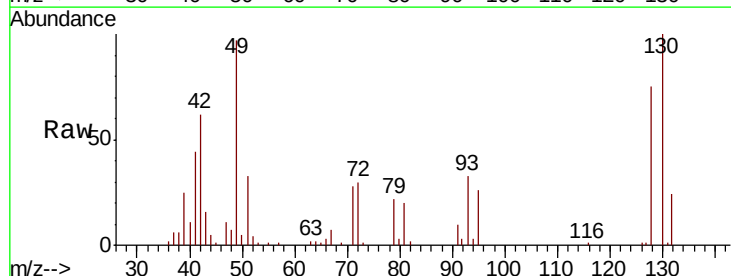
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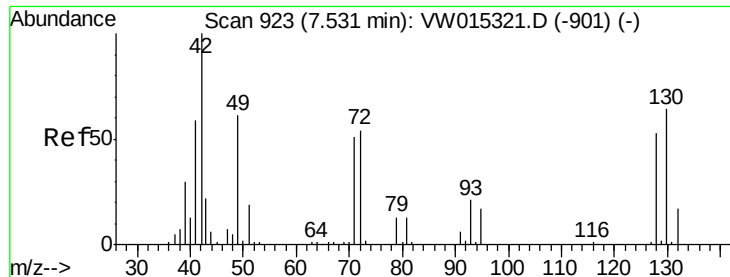


#28

Bromochloromethane
 Concen: 20.403 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	4.6
130	102.5	60.9	91.3#





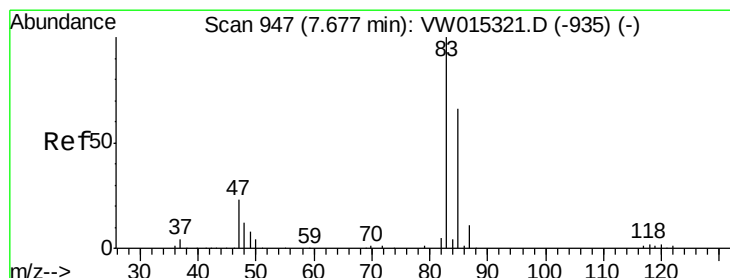
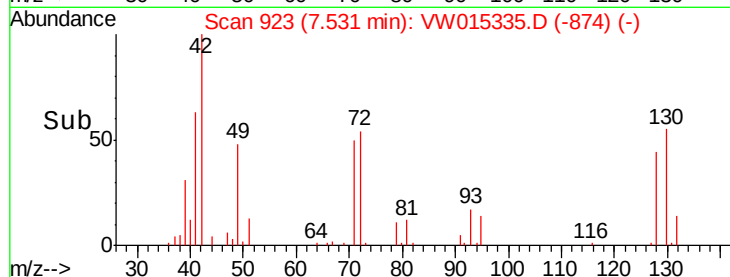
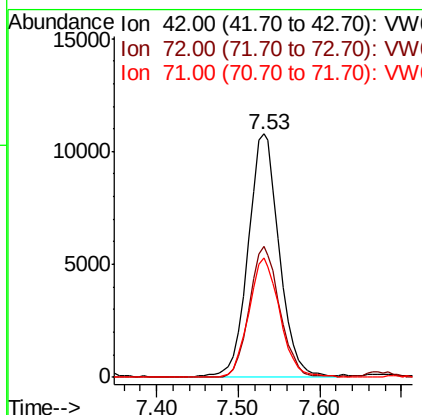
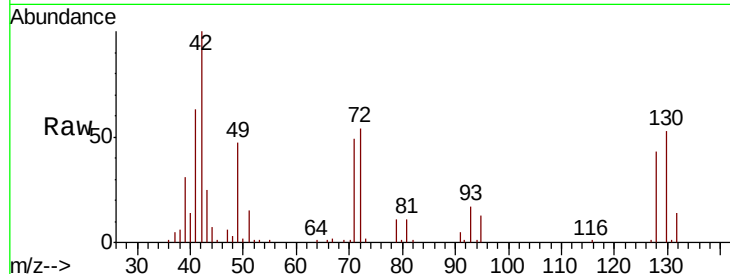
#29
Tetrahydrofuran
Concen: 113.601 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.0	36.2	54.2
71	48.9	34.2	51.4

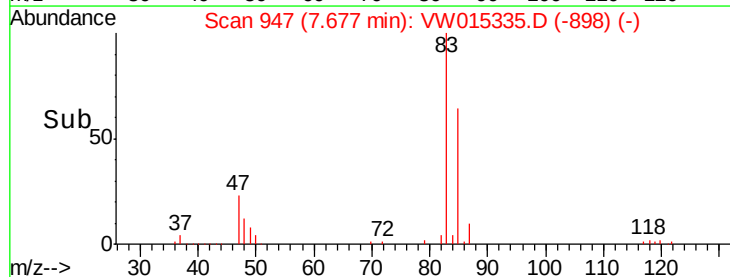
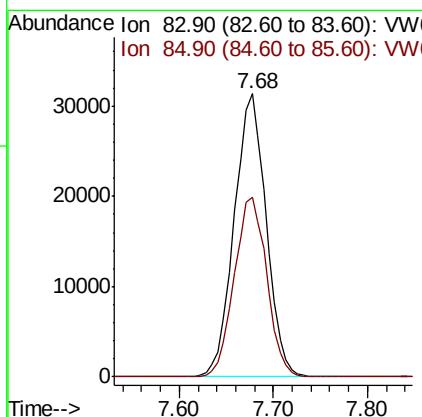
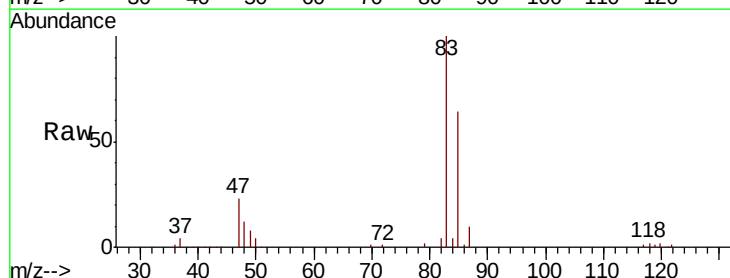
Manual Integrations
APPROVED

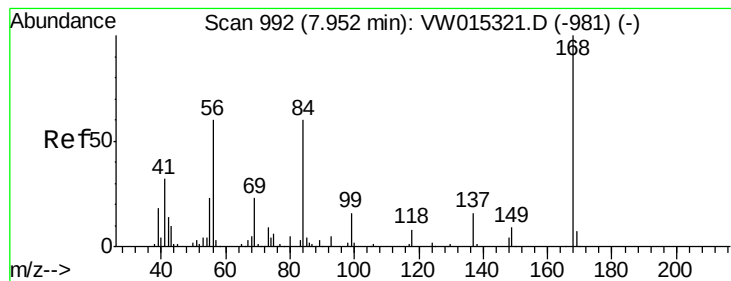
apatel
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#30
Chloroform
Concen: 21.354 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.9	76.3





#31

Cyclohexane

Concen: 20.598 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_W

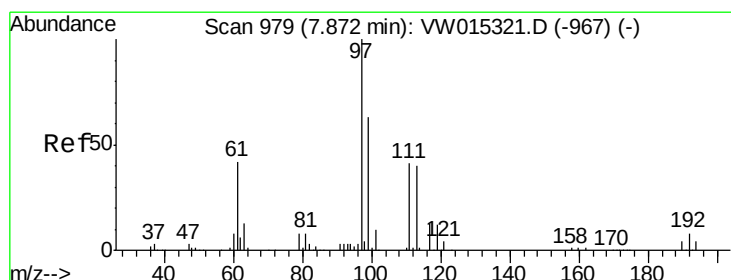
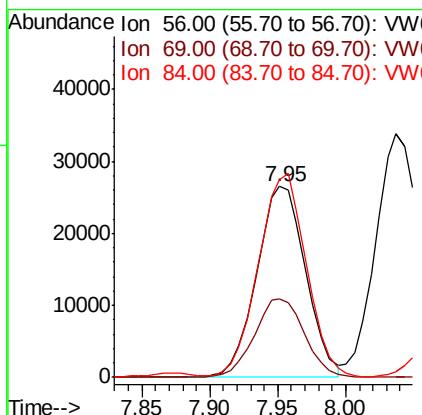
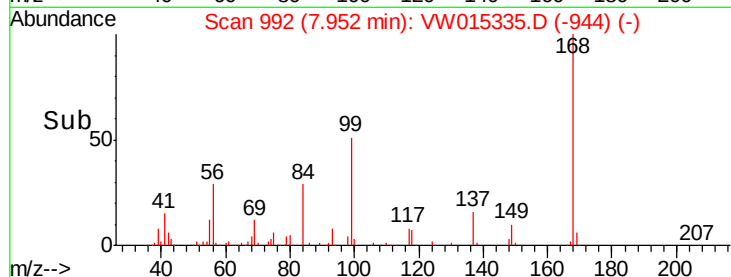
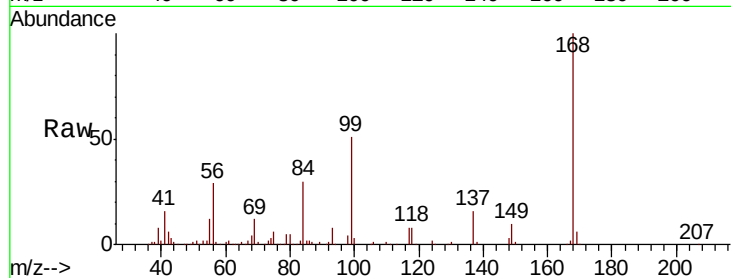
ClientSampled :

VW0424SBS01

Tot Ion:	56	Resp:	66813
Ion Ratio	Lower	Upper	
56	100		
69	41.2	27.1	40.7#
84	102.2	71.9	107.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 22.166 ug/l

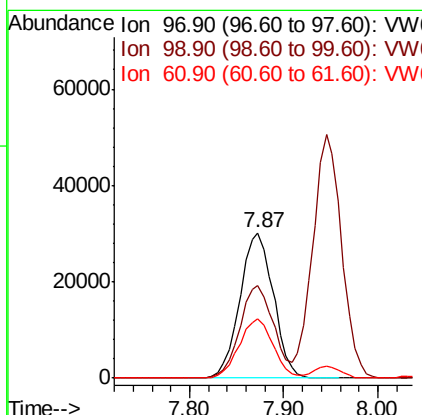
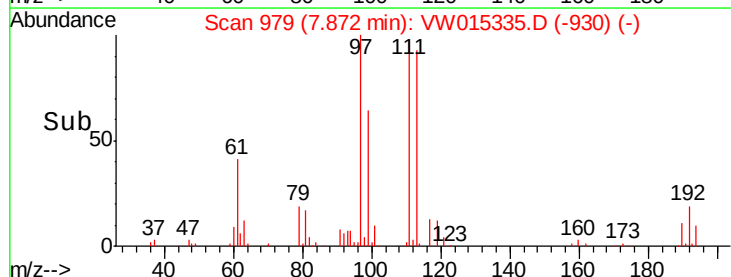
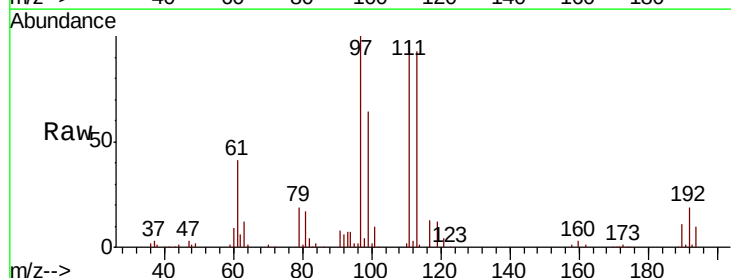
RT: 7.87 min Scan# 979

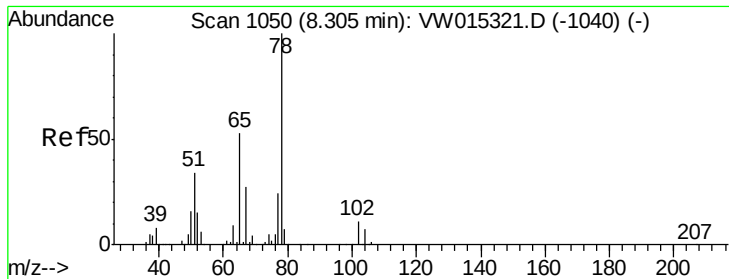
Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Tgt Ion:	97	Resp:	74507
Ion Ratio	Lower	Upper	
97	100		
99	65.1	52.2	78.2
61	41.2	34.2	51.2





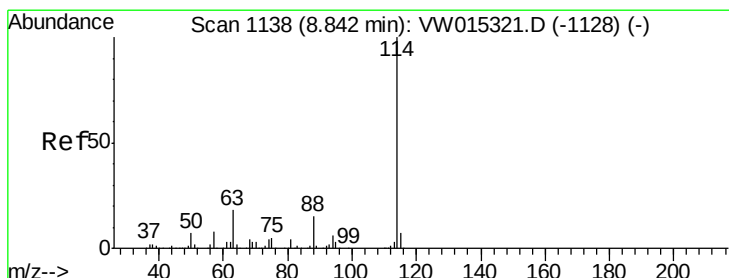
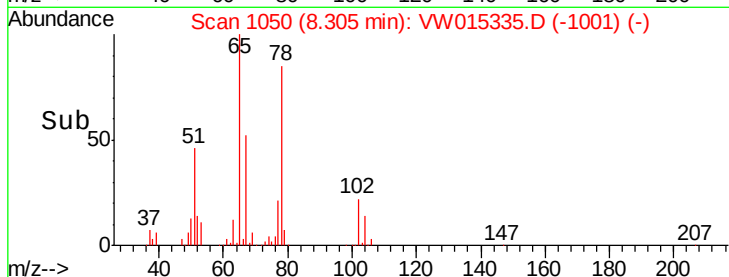
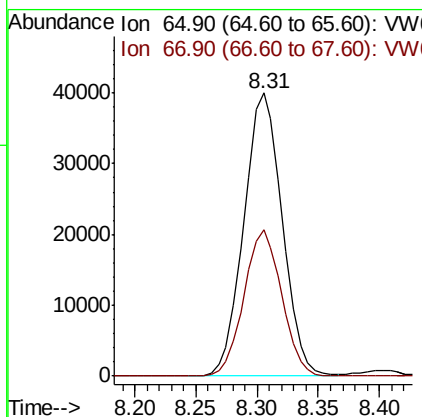
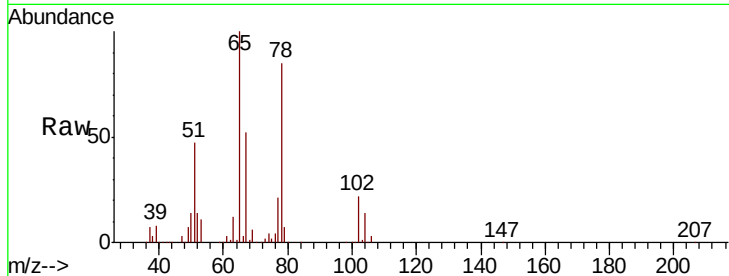
#33
 1,2-Dichloroethane-d4
 Concen: 49.841 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Instrument :
 MSVOA_W
 ClientSampled :
 VW0424SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	87422		
67	50.8	0.0	0.0	107.0

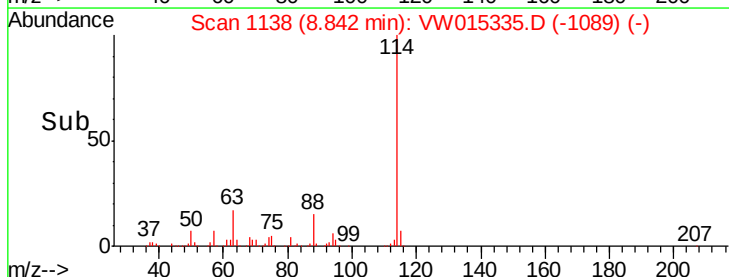
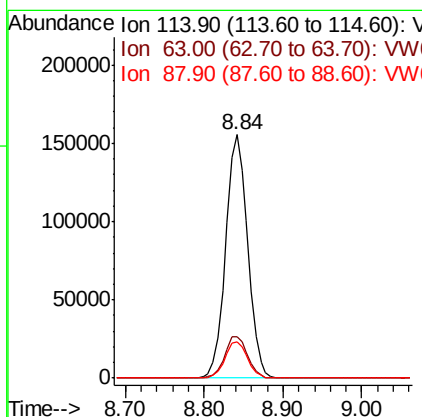
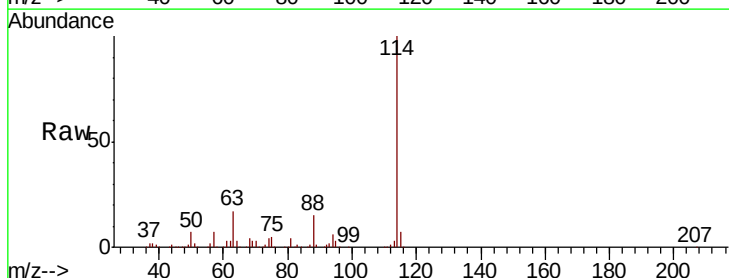
Manual Integrations
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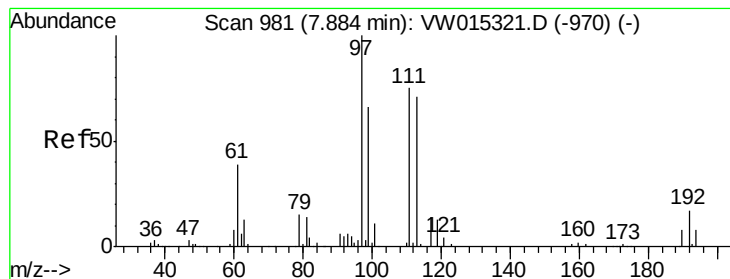
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	301664		
63	17.2	0.0	0.0	39.8
88	15.0	0.0	0.0	30.2





#35

Dibromofluoromethane

Concen: 51.396 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_W

ClientSampleID :

VW0424SBS01

Tot Ion:113 Resp: 85882

Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.4

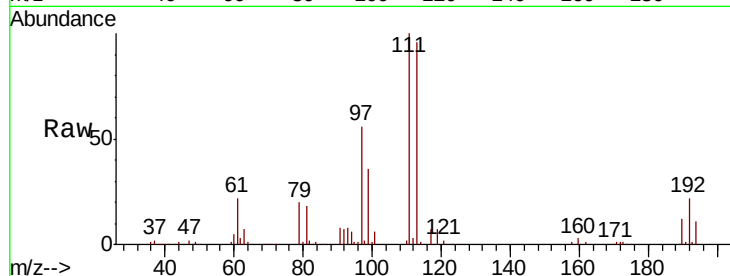
192 23.1 15.1 22.7#

Manual Integrations

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apatel

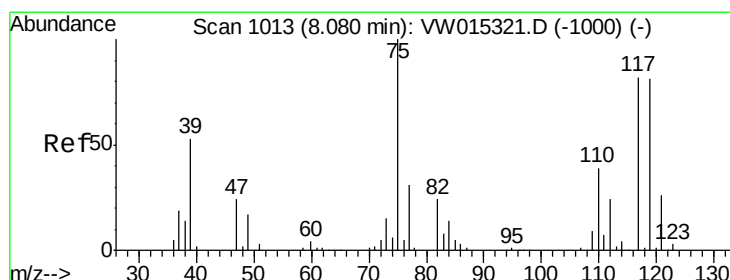
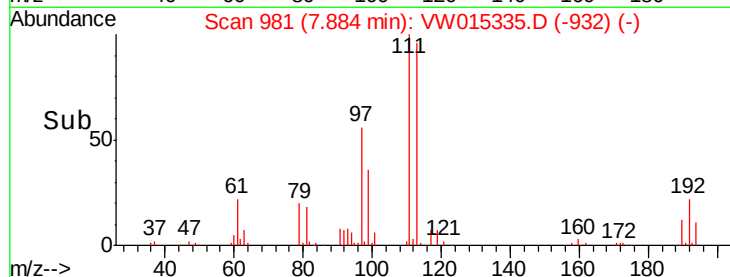
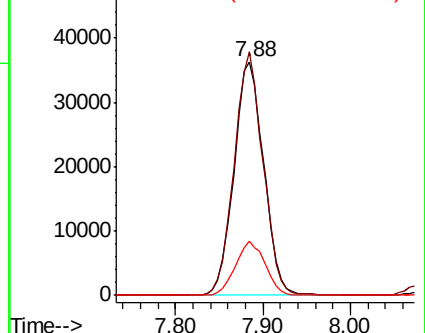
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 22.329 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

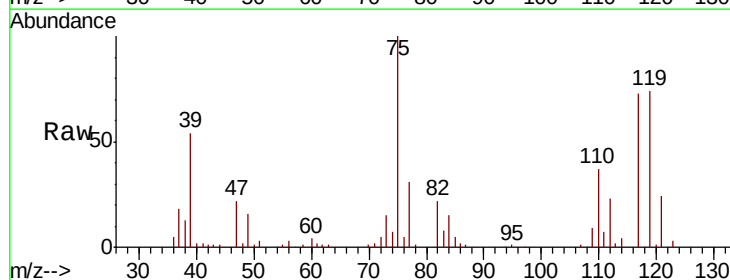
Tgt Ion: 75 Resp: 60796

Ion Ratio Lower Upper

75 100

110 38.5 18.2 54.6

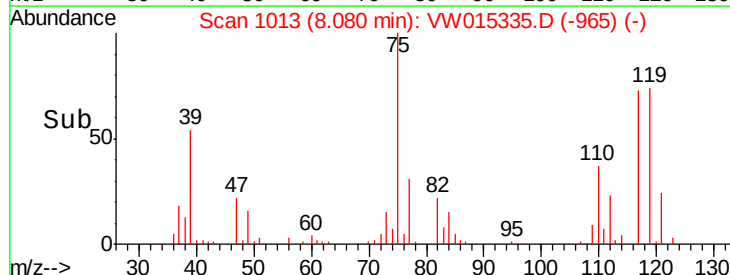
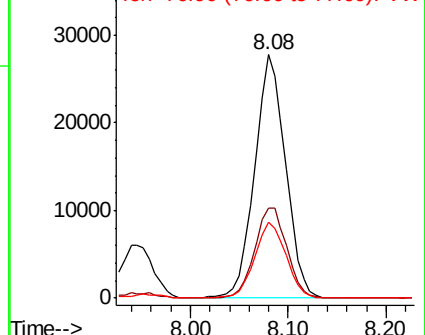
77 31.6 24.5 36.7

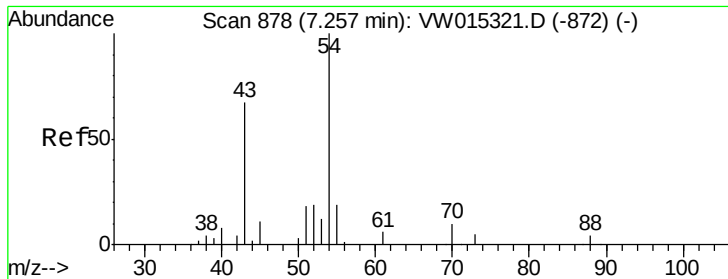


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





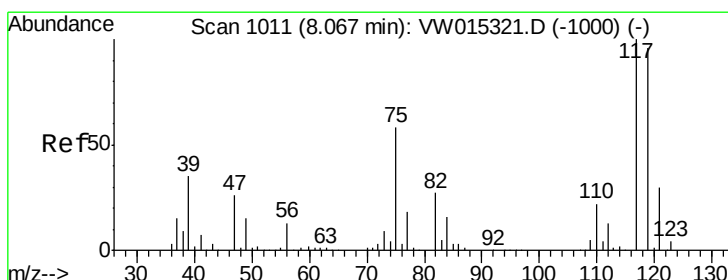
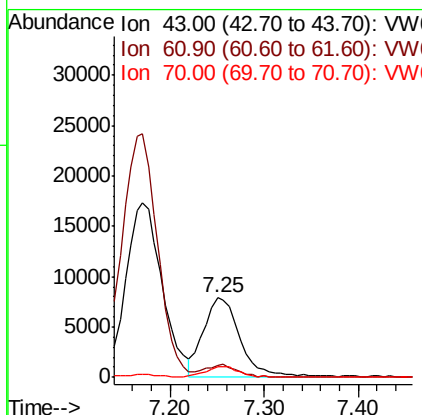
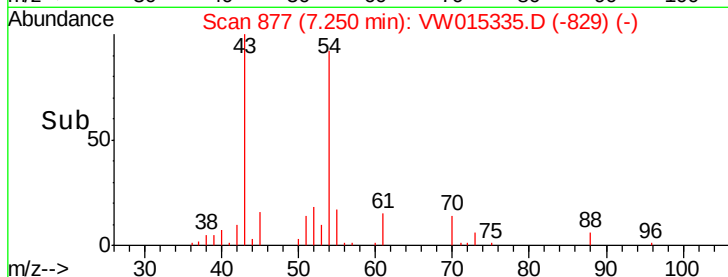
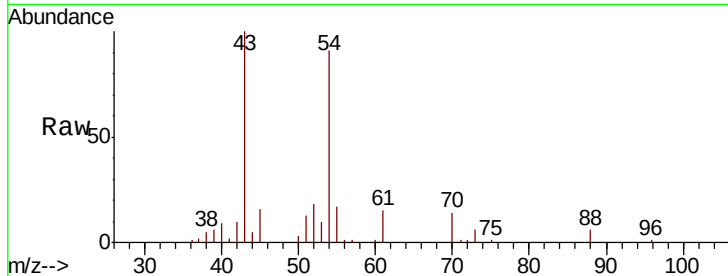
#37
Ethyl Acetate
Concen: 23.517 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.9	17.9
70	13.2	8.8	13.2

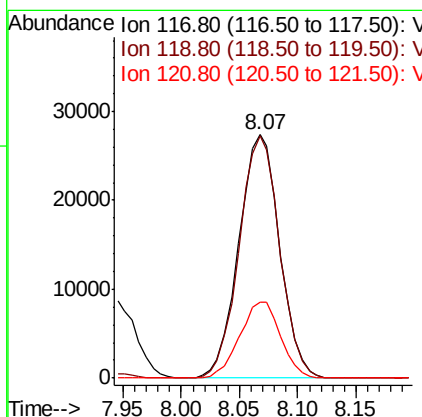
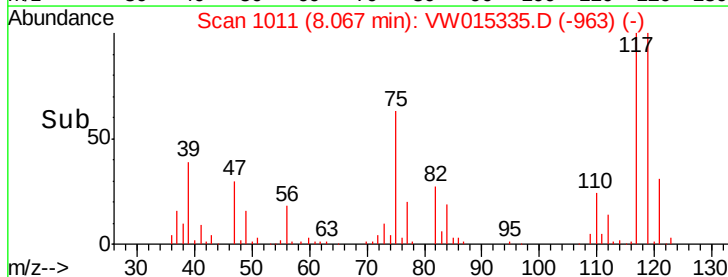
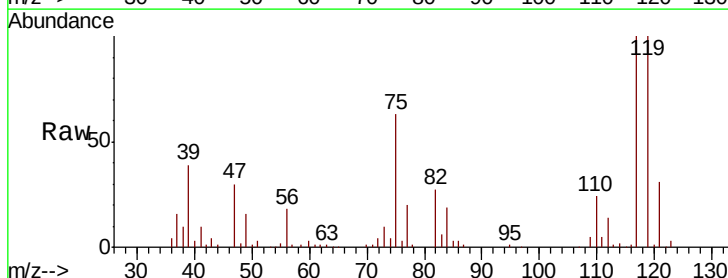
Manual Integrations
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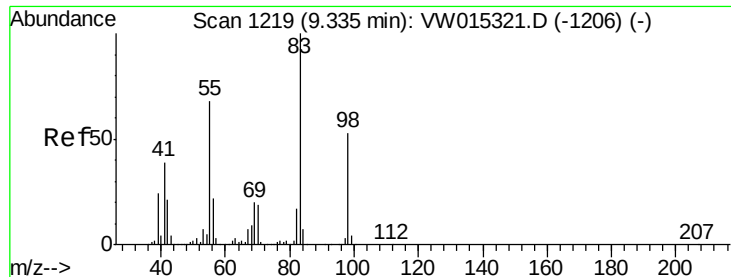
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#38
Carbon Tetrachloride
Concen: 22.506 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.7	72.3	108.5
121	31.3	23.7	35.5





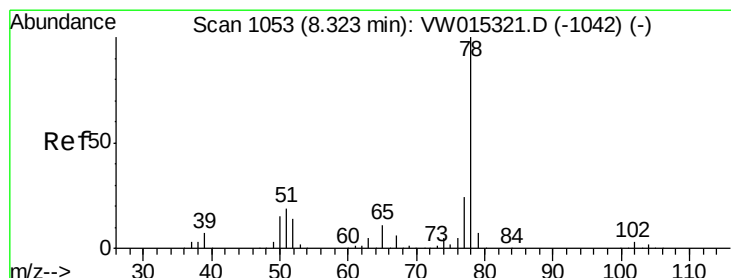
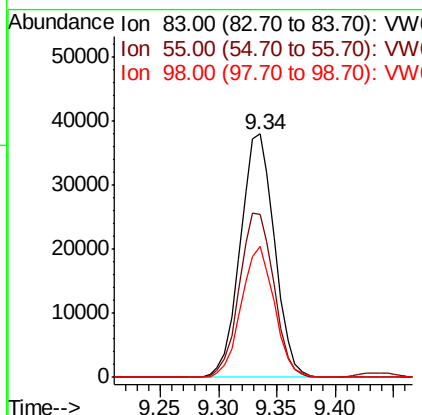
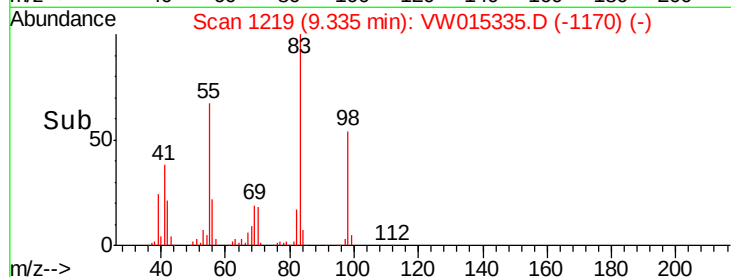
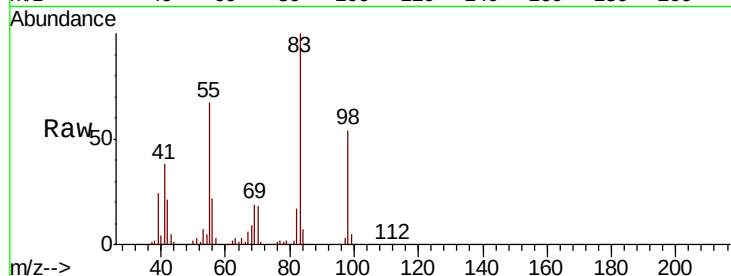
#39
Methylvlcyclohexane
Concen: 21.519 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.0	58.1	87.1
98	53.8	40.2	60.4

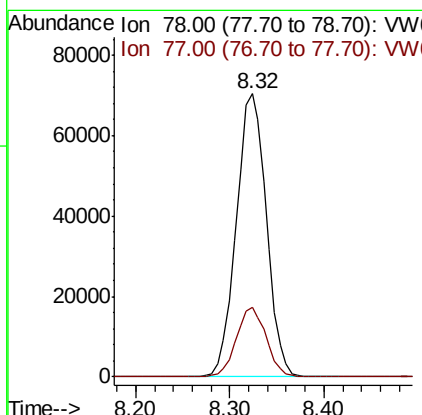
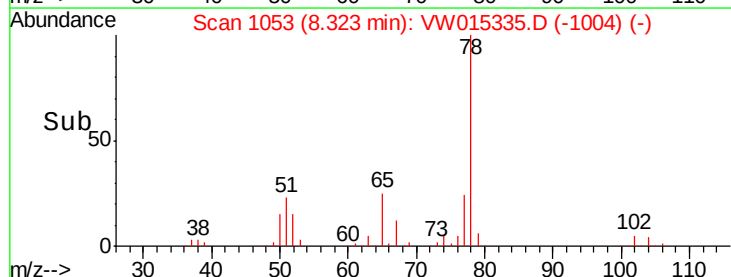
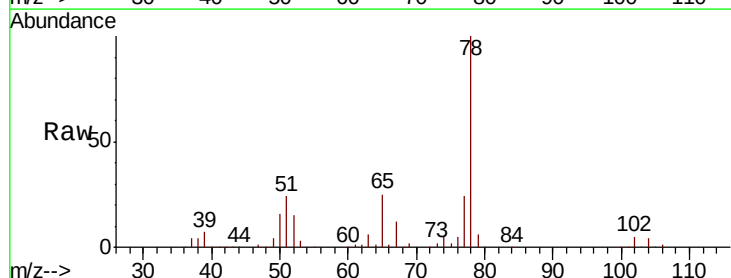
Manual Integrations
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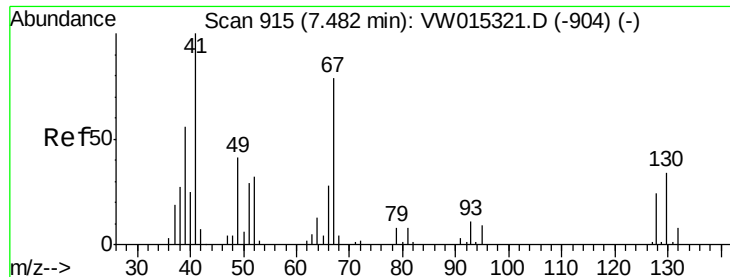
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#40
Benzene
Concen: 21.622 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.2	27.2





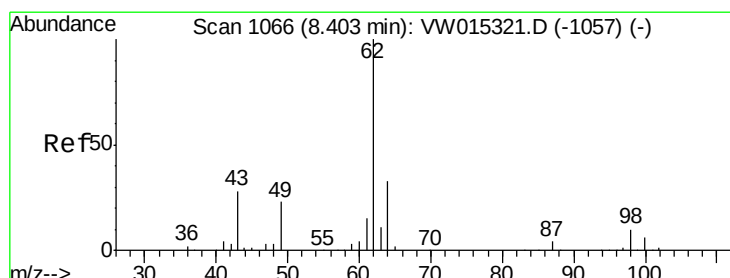
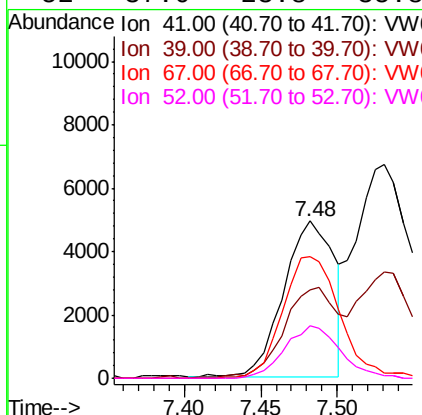
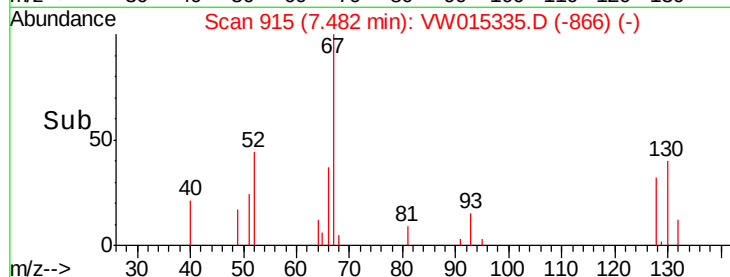
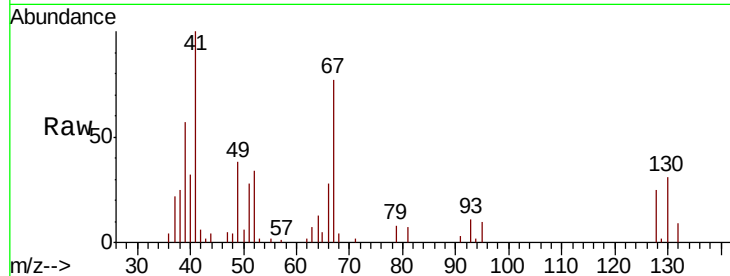
#41
Methacrylonitrile
Concen: 21.168 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampled :
VW0424SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.7	41.9	62.9#
67	89.1	60.6	91.0
52	37.0	23.8	35.8#

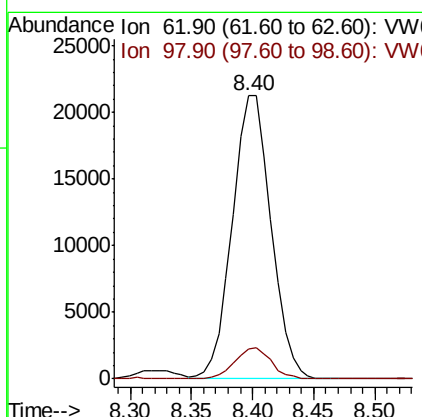
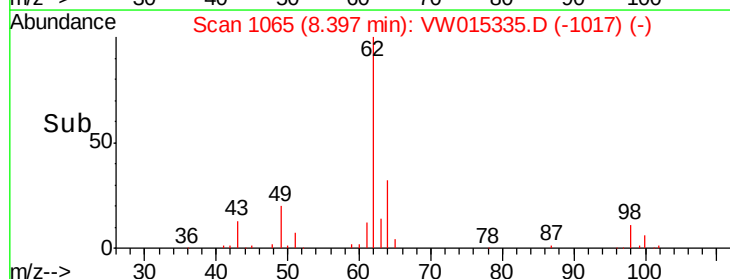
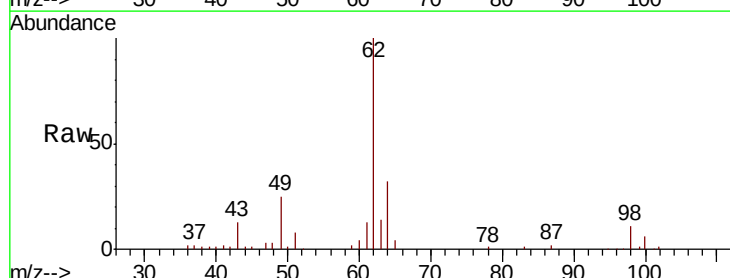
Manual Integrations
APPROVED

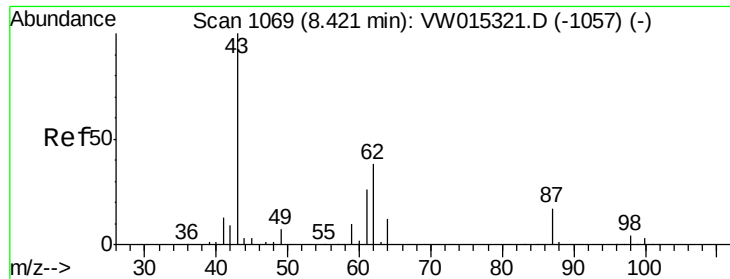
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#42
1,2-Dichloroethane
Concen: 21.886 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4





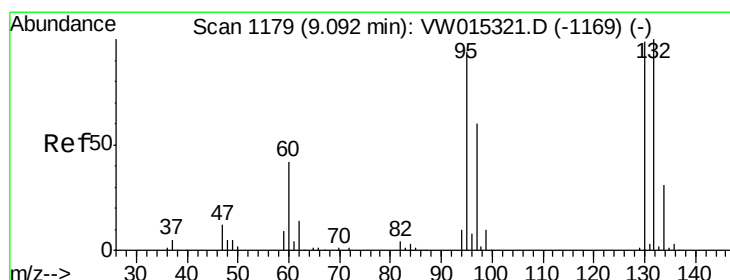
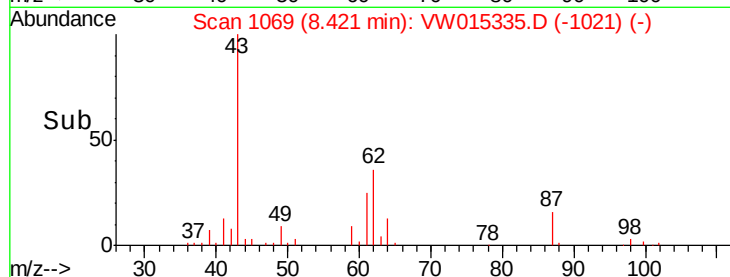
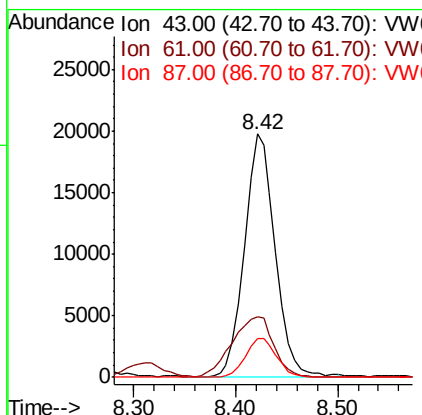
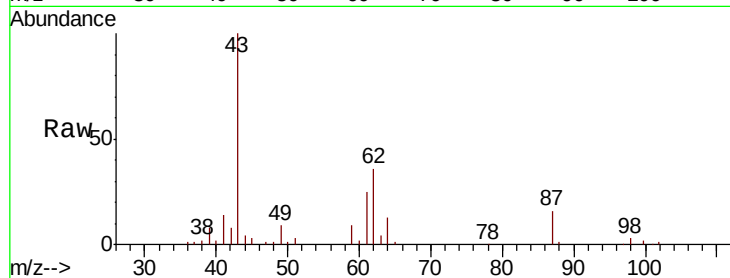
#43
Isopropyl Acetate
Concen: 22.367 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.7	24.8	37.2
87	16.1	11.4	17.2

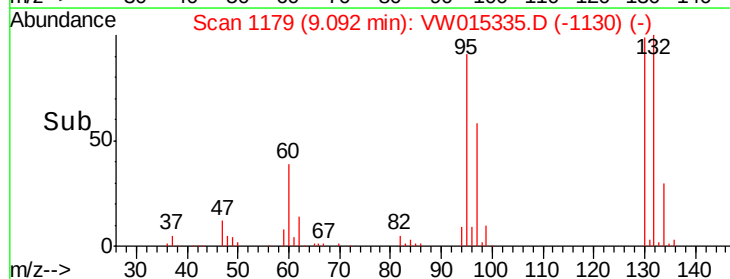
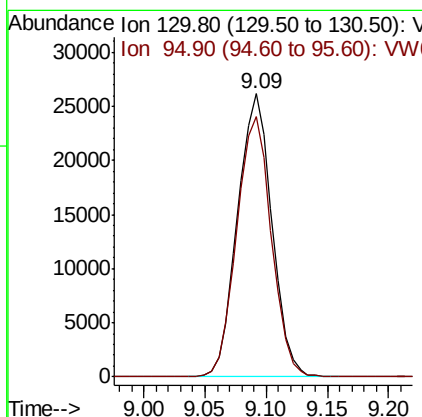
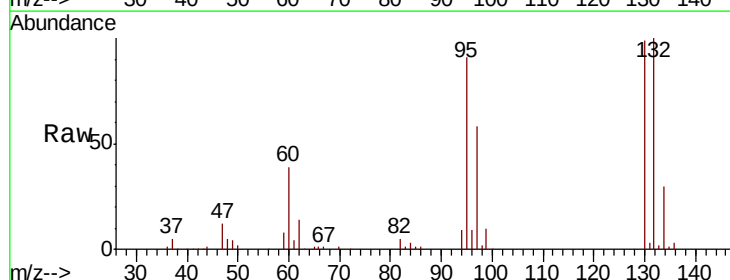
Manual Integrations
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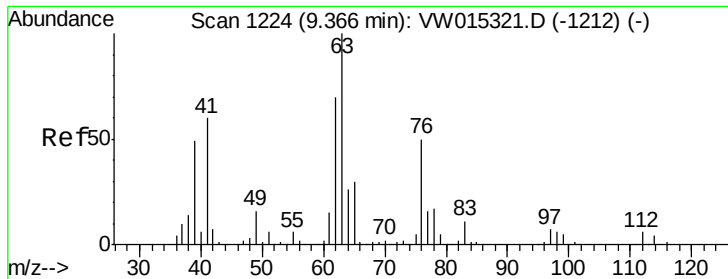
apatel
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#44
Trichloroethene
Concen: 22.935 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	196.4





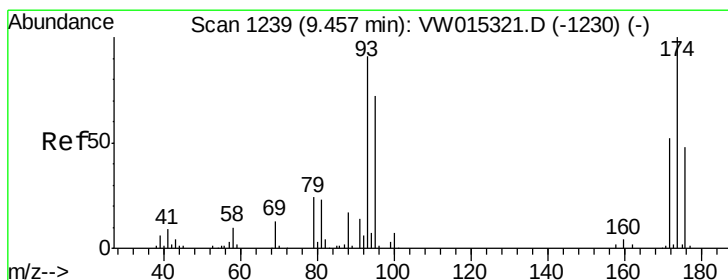
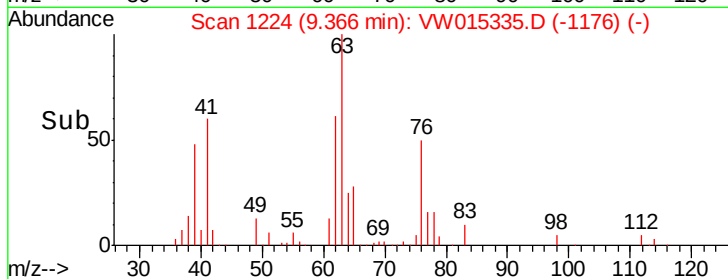
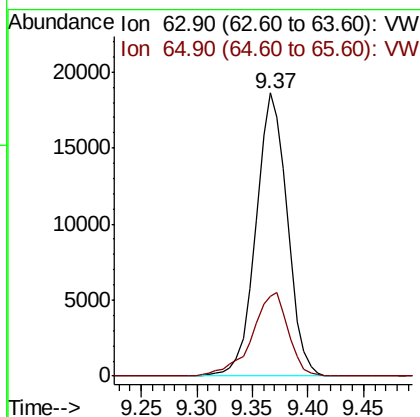
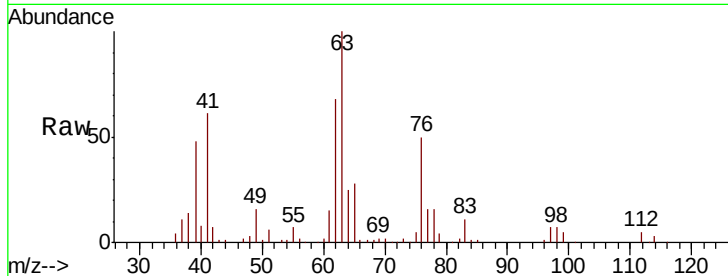
#45
 1,2-Dichloropropane
 Concen: 21.657 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Instrument :
 MSVOA_W
 ClientSampled :
 VW0424SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.4	25.5	38.3

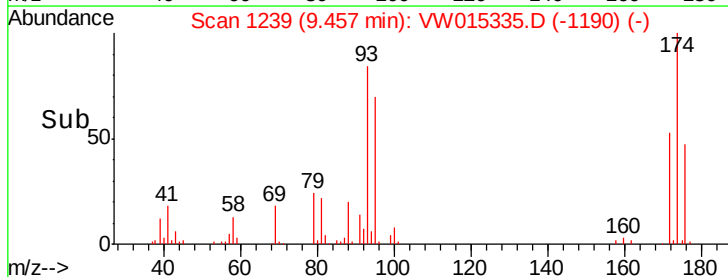
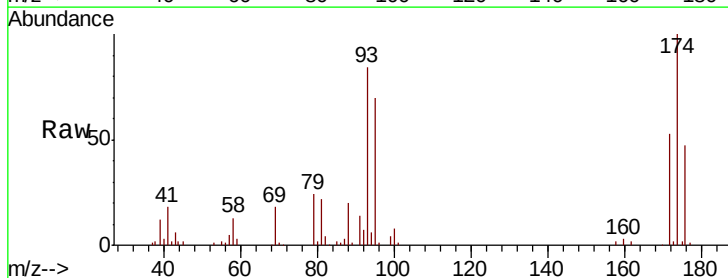
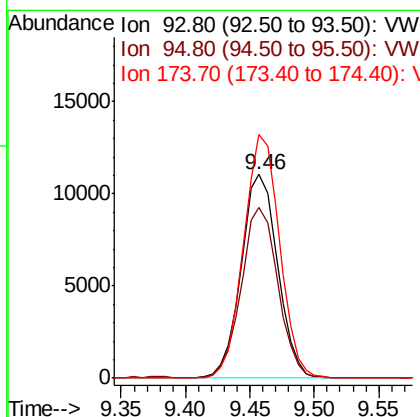
Manual Integrations
 APPROVED

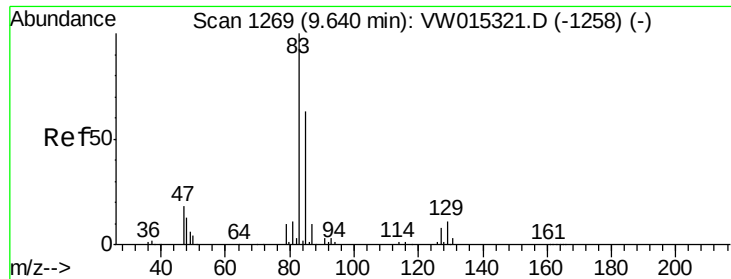
apatel
 4/27/2020 2:28:01 PM



#46
 Dibromomethane
 Concen: 22.129 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	67.5	101.3
174	117.9	74.1	111.1#





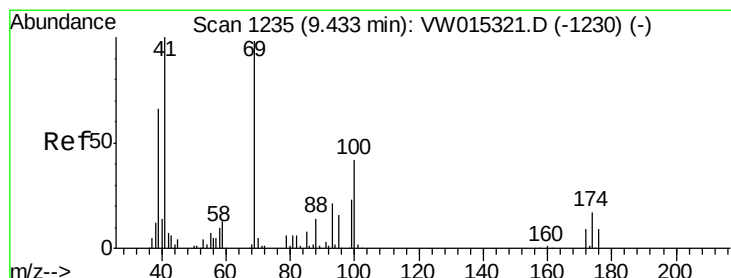
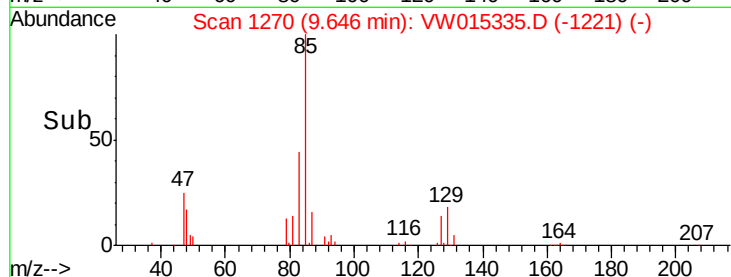
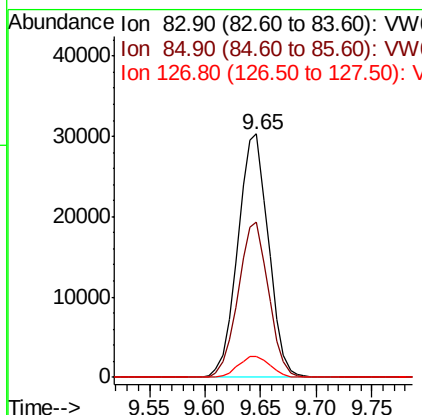
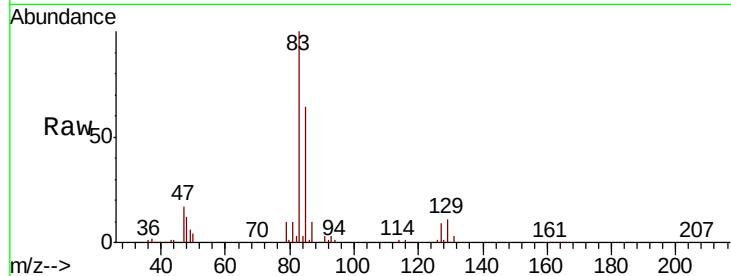
#47
 Bromodichloromethane
 Concen: 22.112 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Instrument :
 MSVOA_W
 ClientSampled :
 VW0424SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	57833		
85	63.9		50.6	76.0
127	8.8		6.7	10.1

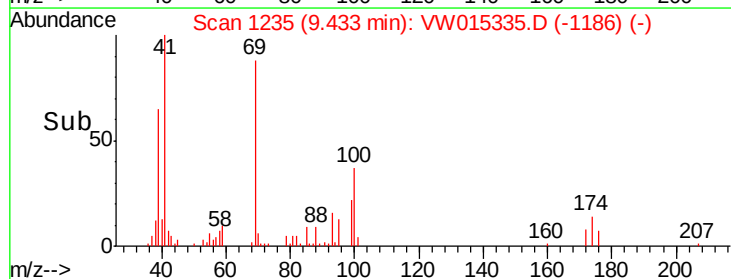
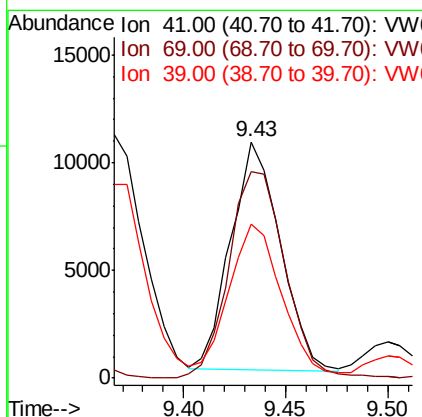
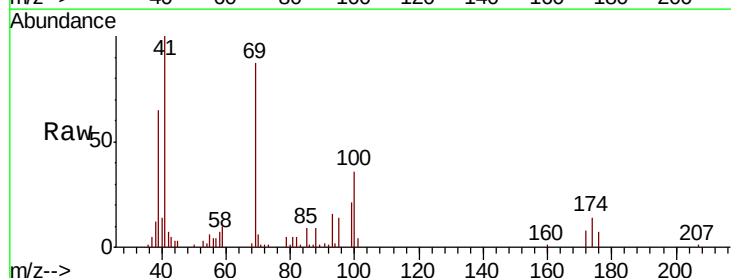
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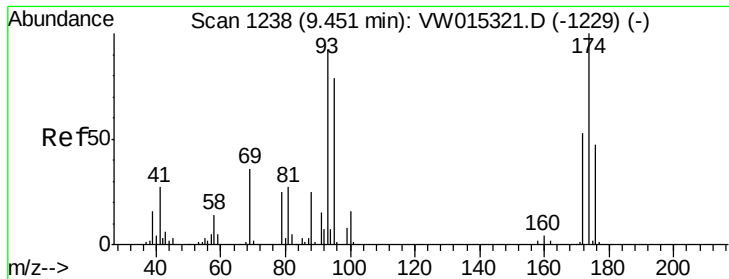
apatel
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#48
 Methyl methacrylate
 Concen: 20.429 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	17898		
69	102.7		70.6	105.8
39	74.0		42.6	64.0#





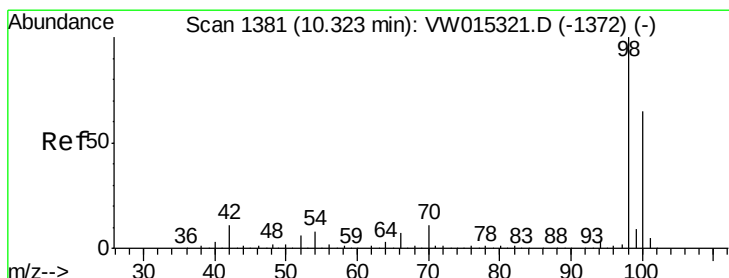
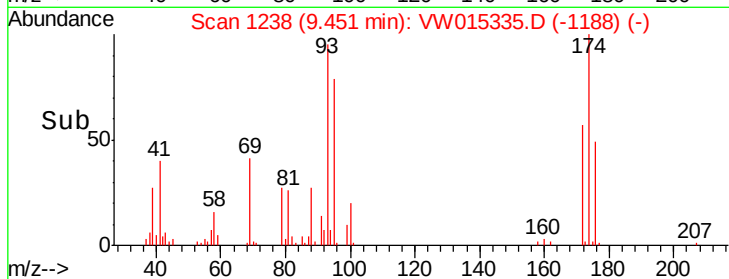
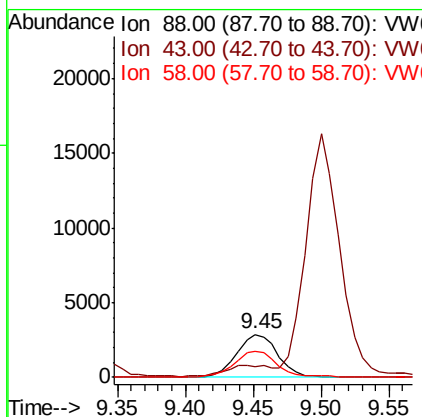
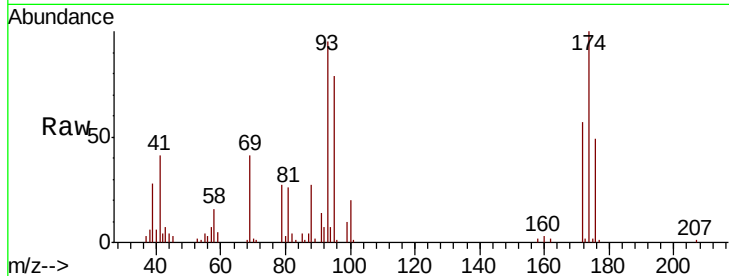
#49
1,4-Dioxane
Concen: 462.165 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	88	Resp	6028
Ion	Ratio	Lower	Upper
88	100		
43	31.9	23.5	35.3
58	64.8	55.4	83.2

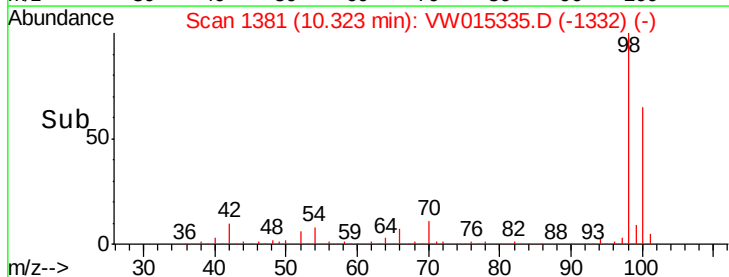
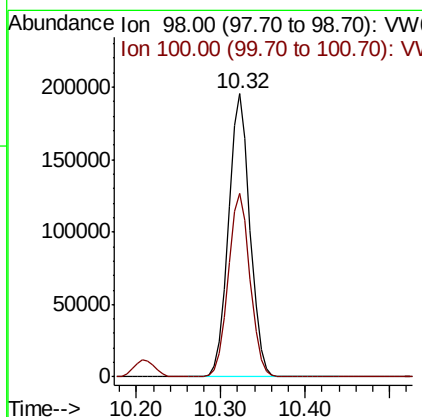
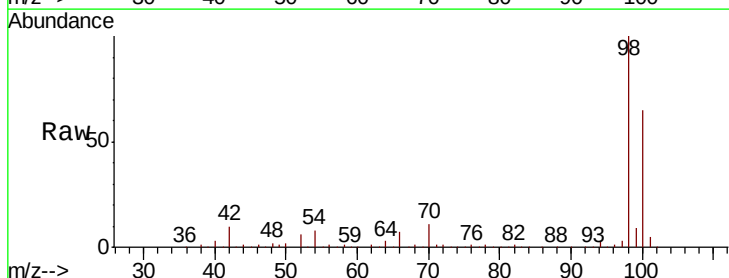
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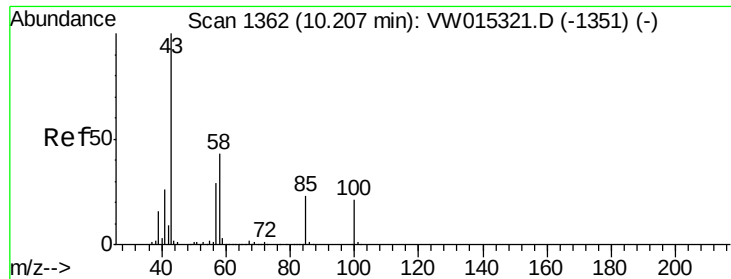
apatel
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#50
Toluene-d8
Concen: 48.007 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion	98	Resp	337453
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3





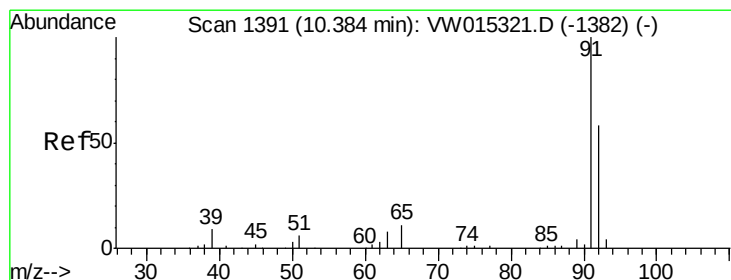
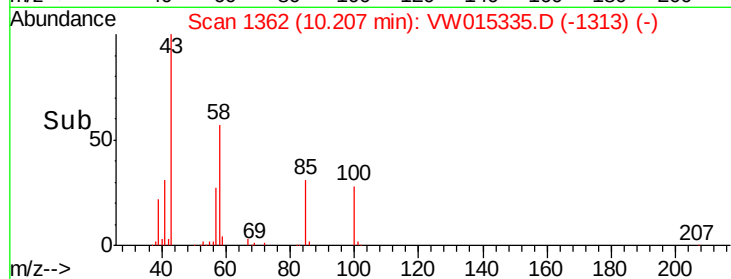
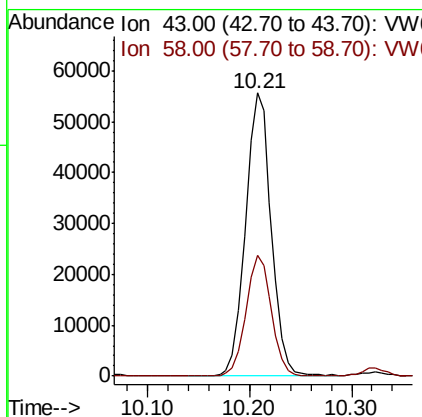
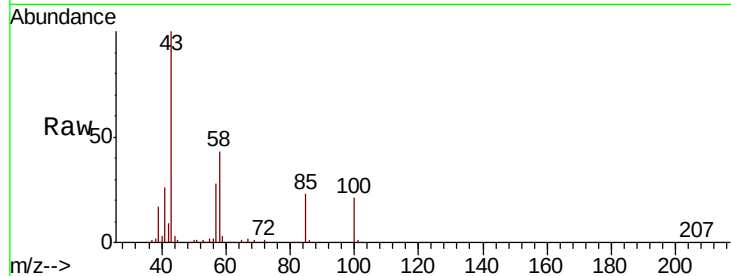
#51
4-Methyl-2-Pentanone
Concen: 111.403 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampled :
VW0424SBS01

Tot Ion	43	Resp	96918
Ion Ratio	100	Lower	Upper
43	100		
58	42.3	32.3	48.5

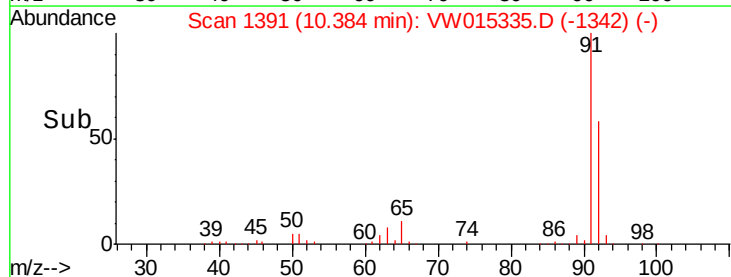
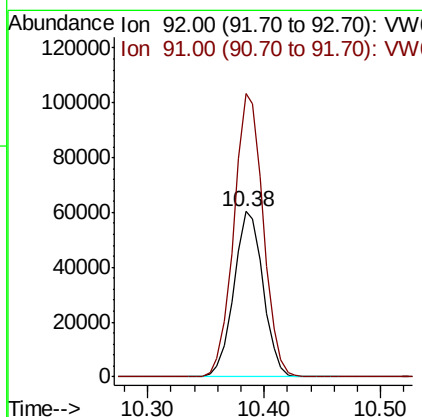
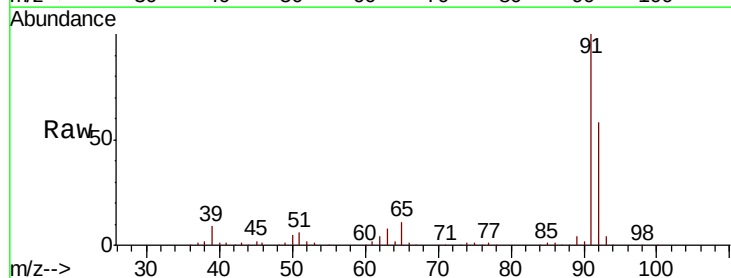
Manual Integrations
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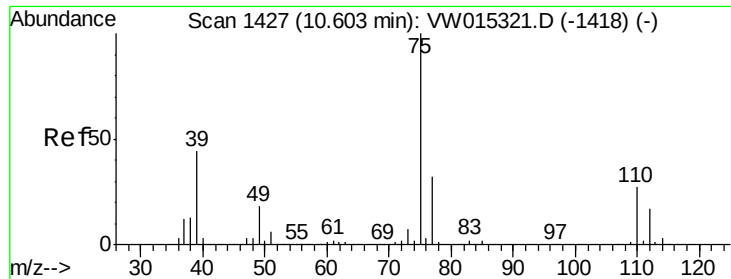
apatel
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#52
Toluene
Concen: 20.808 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion	92	Resp	105913
Ion Ratio	100	Lower	Upper
92	100		
91	171.7	137.1	205.7





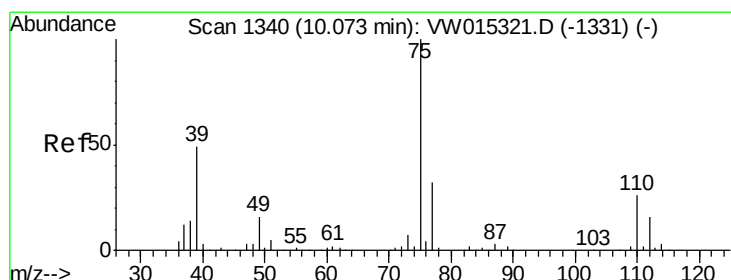
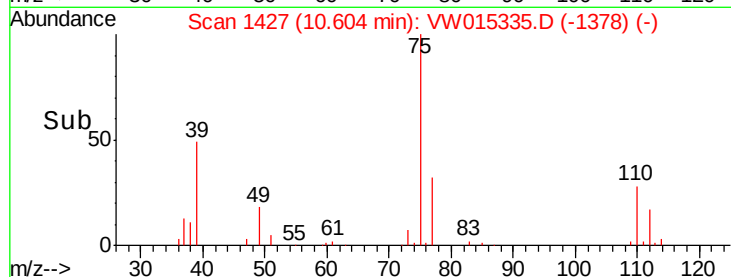
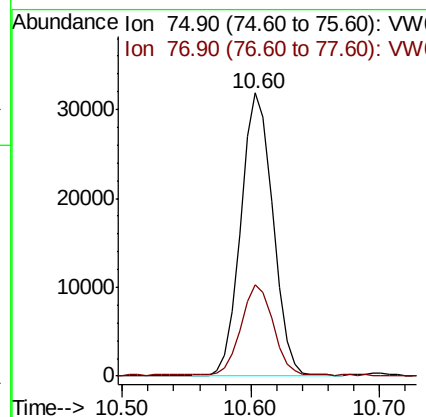
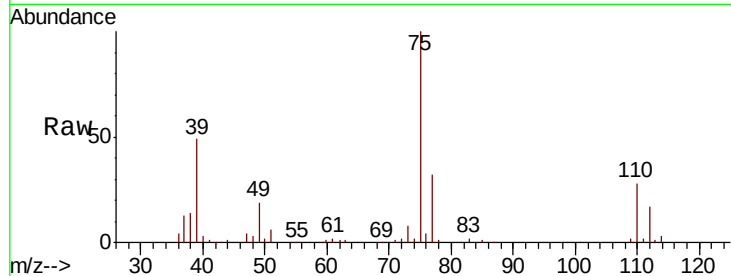
#53
t-1,3-Dichloropropene
Concen: 21.318 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion: 75 Resp: 54978
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3

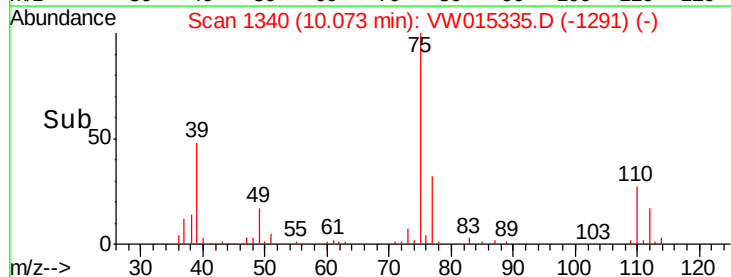
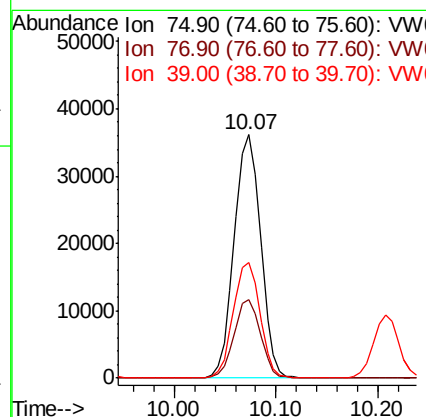
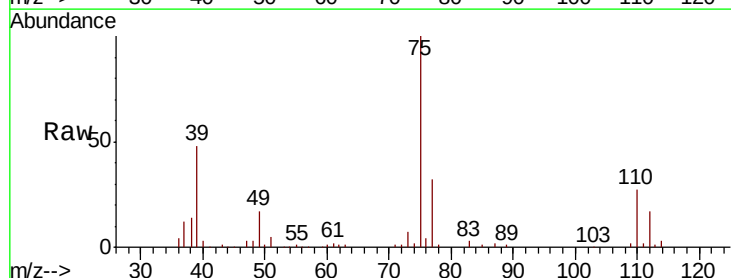
Manual Integrations
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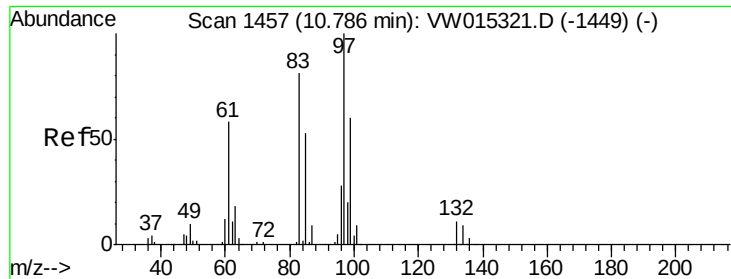
apatel
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#54
cis-1,3-Dichloropropene
Concen: 21.704 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion: 75 Resp: 65061
Ion Ratio Lower Upper
75 100
77 32.3 26.6 39.8
39 47.7 37.8 56.6





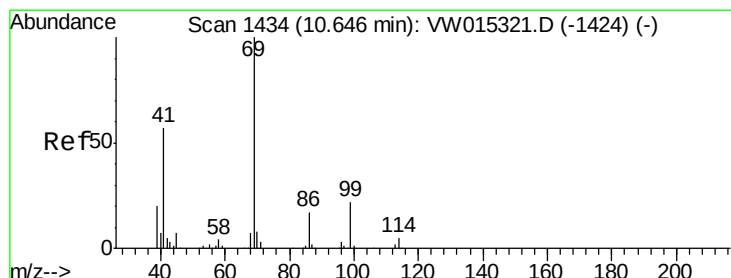
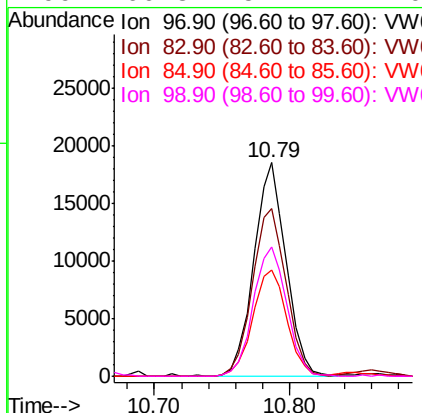
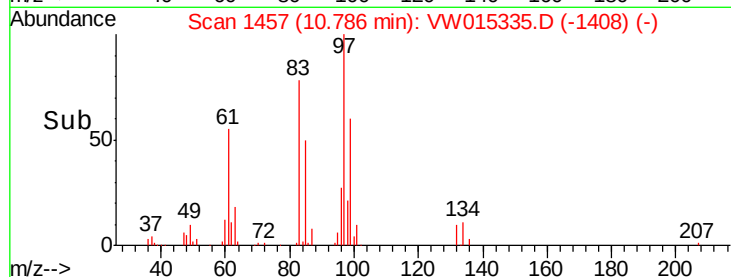
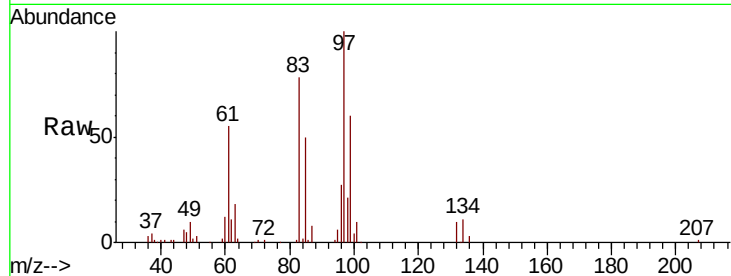
#55
 1,1,2-Trichloroethane
 Concen: 22.467 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Instrument :
 MSVOA_W
 ClientSampled :
 VW0424SBS01

Tot Ion:	97	Resp:	30779
Ion	Ratio	Lower	Upper
97	100		
83	78.3	67.3	100.9
85	49.5	43.8	65.8
99	60.3	51.4	77.0

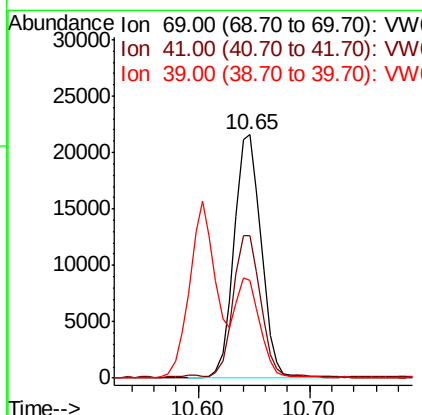
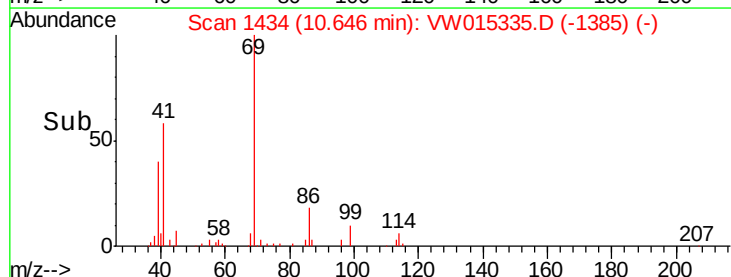
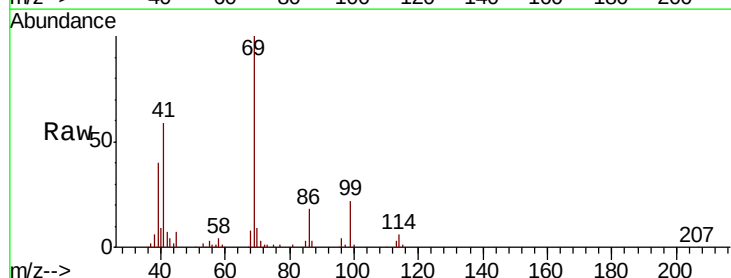
Manual Integrations
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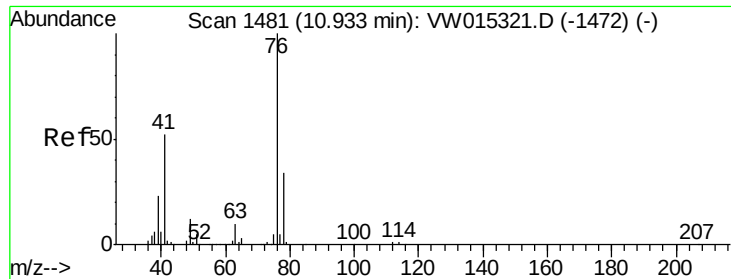
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#56
 Ethyl methacrylate
 Concen: 20.716 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Tgt Ion:	69	Resp:	36562
Ion	Ratio	Lower	Upper
69	100		
41	58.6	51.3	76.9
39	36.1	24.6	37.0





#57

1,3-Dichloropropane

Concen: 21.927 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBS01

Tot Ion: 76 Resp: 49761

Ion Ratio Lower Upper

76 100

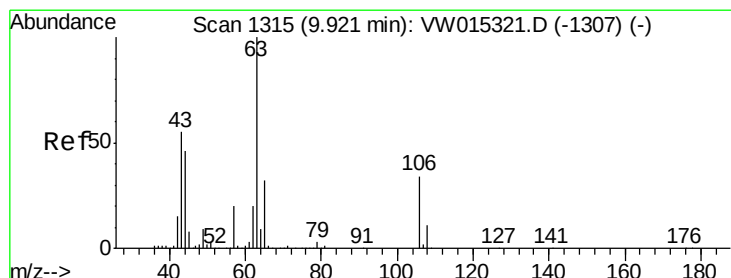
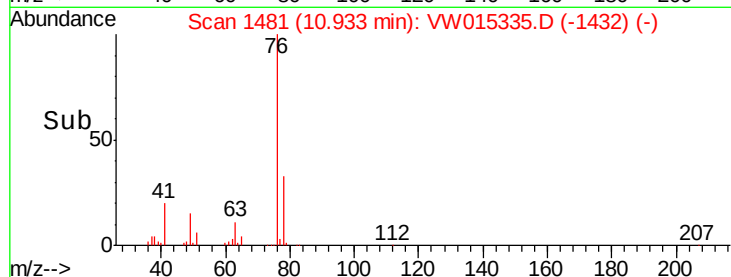
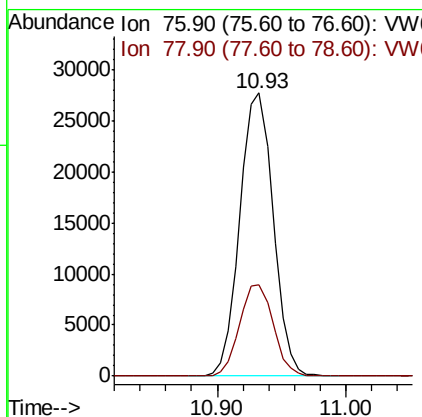
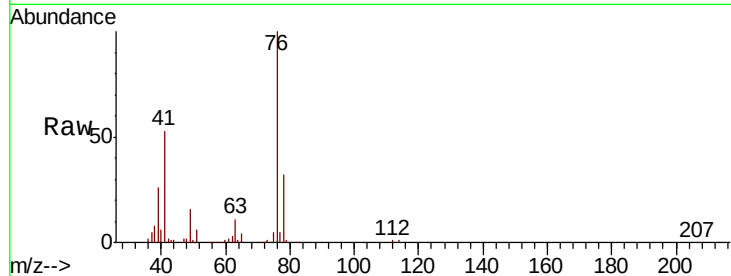
78 32.7 26.2 39.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 108.334 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW015335.D

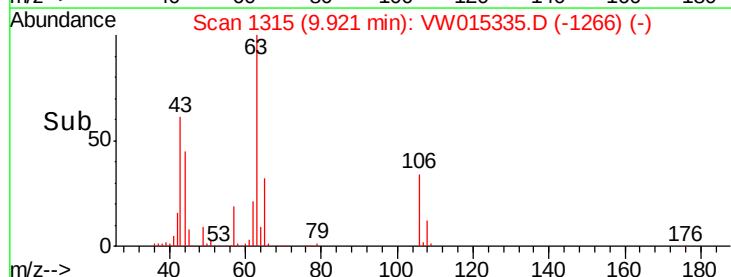
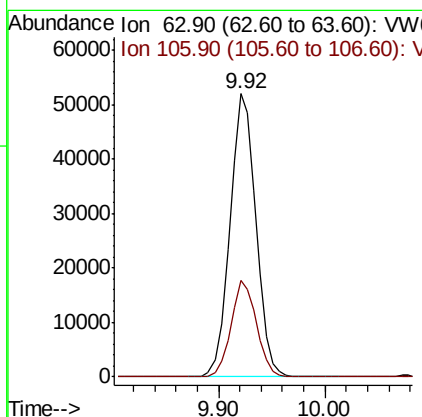
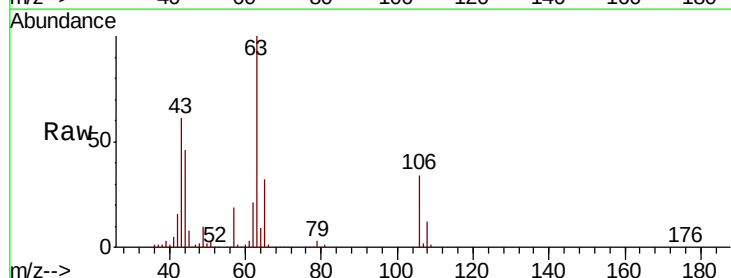
Acq: 24 Apr 2020 11:50

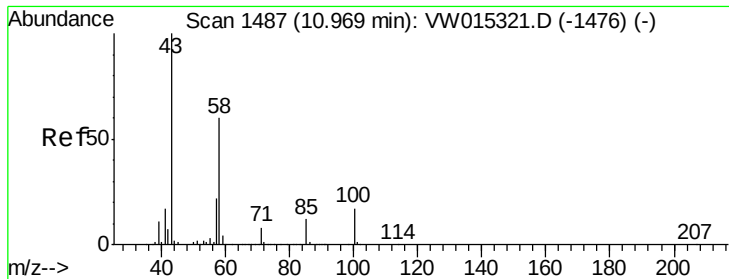
Tgt Ion: 63 Resp: 88643

Ion Ratio Lower Upper

63 100

106 33.3 22.6 33.8





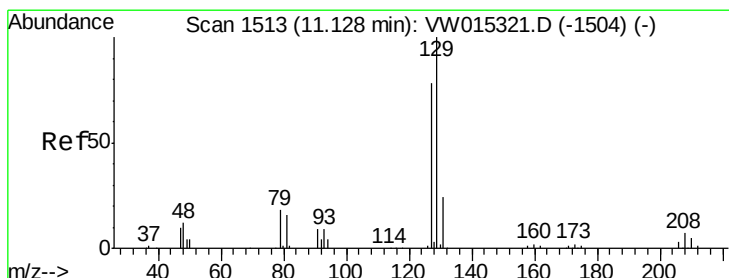
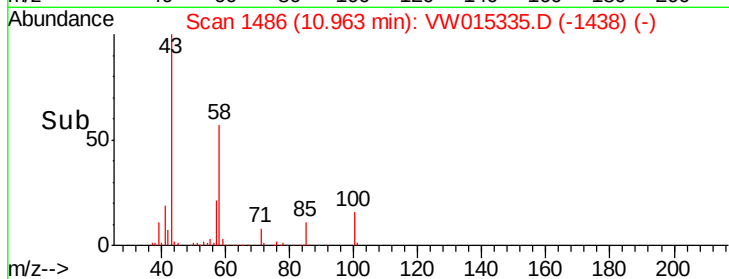
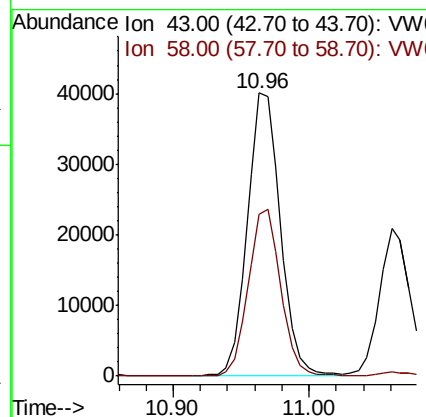
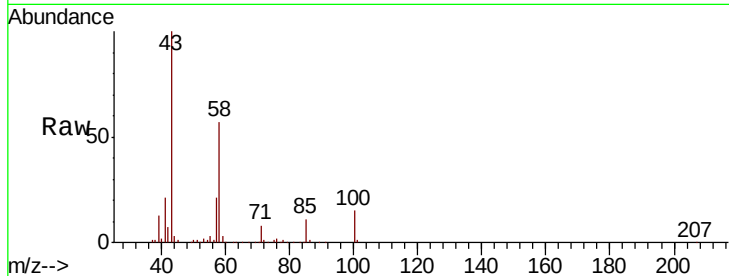
#59
2-Hexanone
Concen: 109.780 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion: 43 Resp: 68176
Ion Ratio Lower Upper
43 100
58 57.8 28.1 84.3

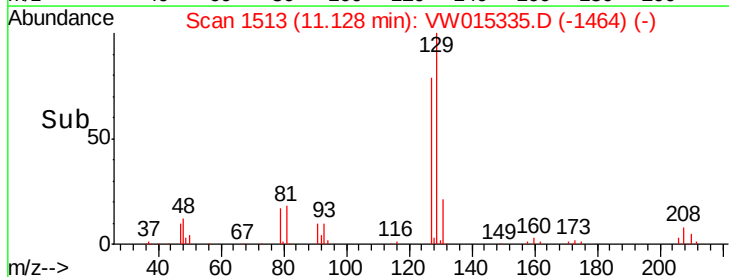
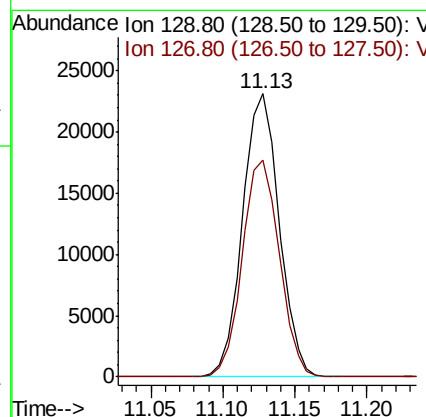
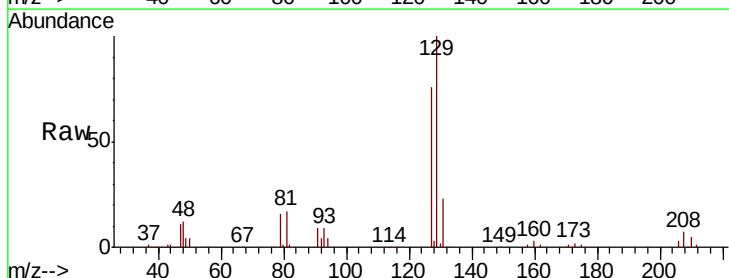
Manual Integrations
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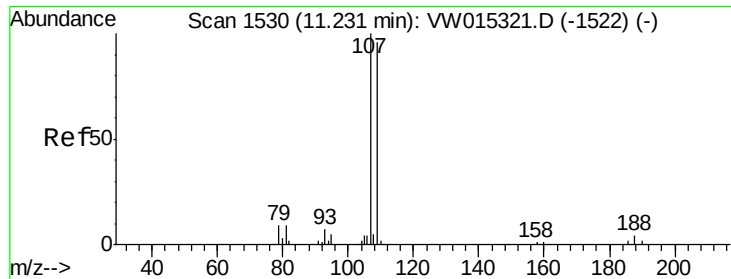
apatel
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#60
Dibromochloromethane
Concen: 22.574 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion: 129 Resp: 40833
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8





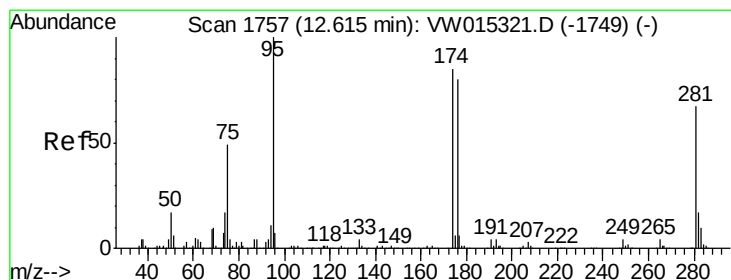
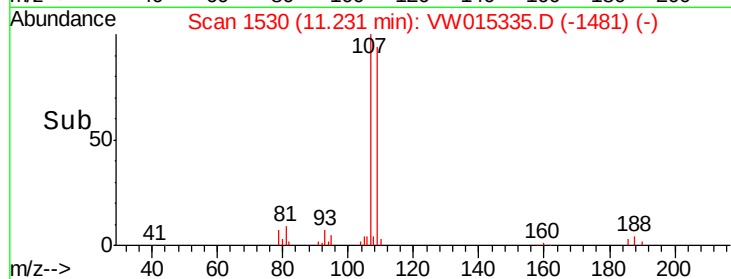
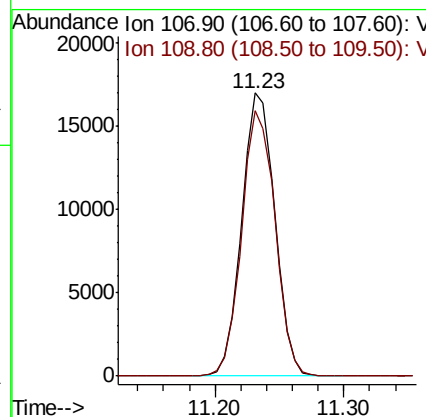
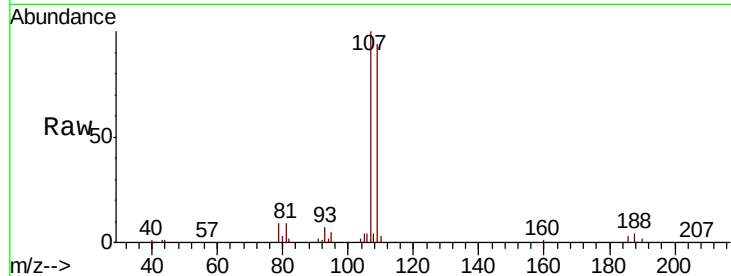
#61
 1,2-Dibromoethane
 Concen: 22.525 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	74.3	111.5

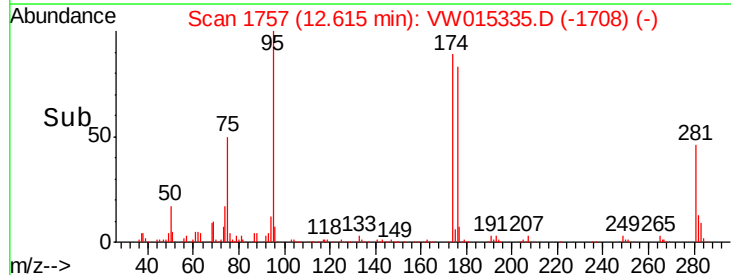
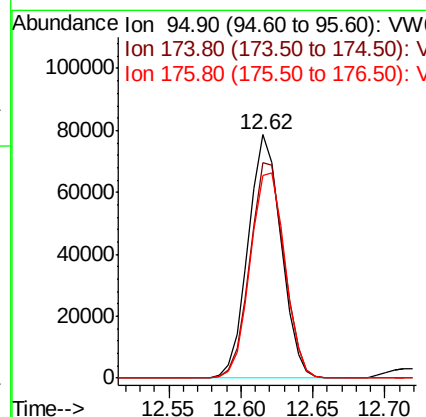
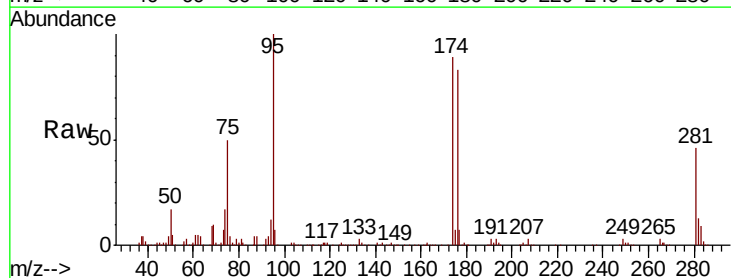
Manual Integrations
 APPROVED

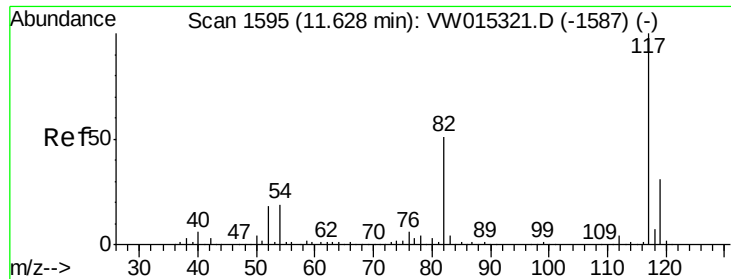
apatel
 4/27/2020 2:28:01 PM



#62
 4-Bromofluorobenzene
 Concen: 46.536 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	144.4
176	88.4	0.0	140.6





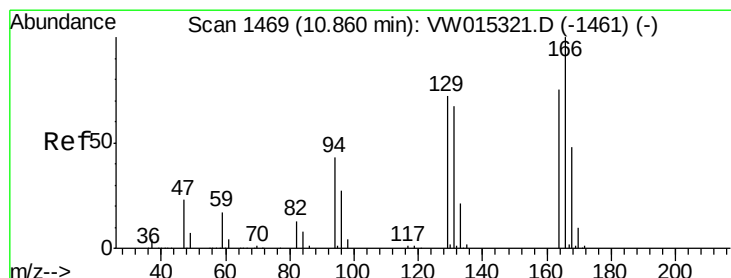
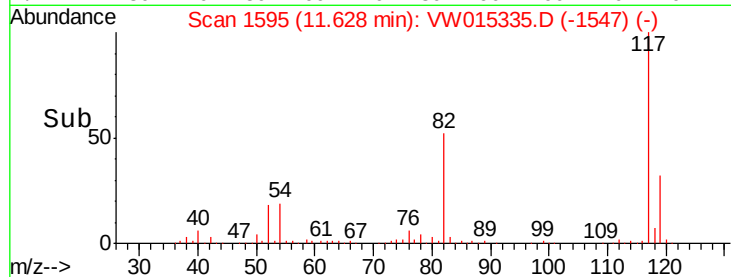
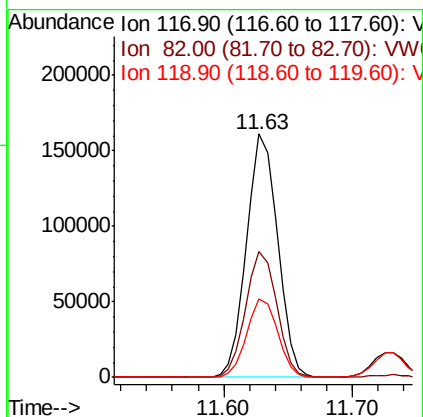
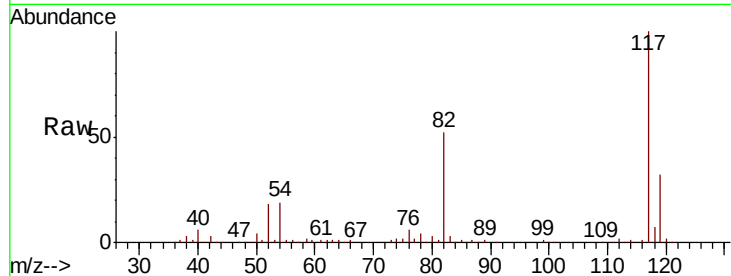
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	44.1	66.1
119	32.1	24.9	37.3

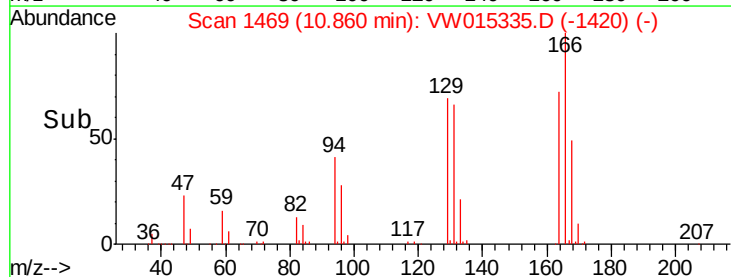
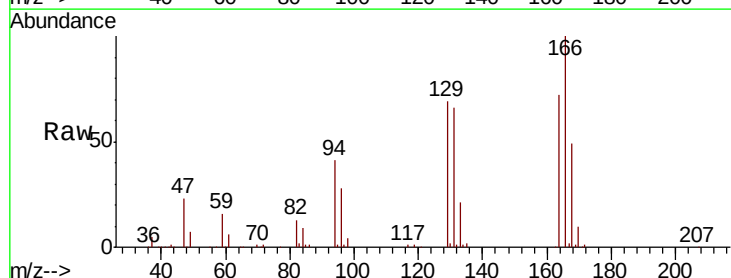
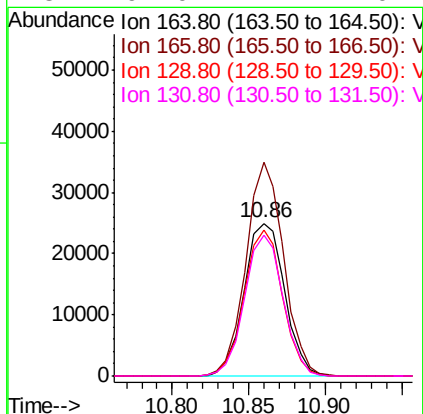
Manual Integrations
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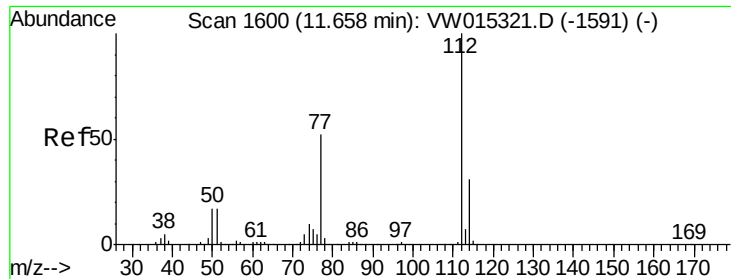
apatel
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#64
Tetrachloroethene
Concen: 23.873 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	139.8	102.6	154.0
129	95.8	80.2	120.2
131	92.0	77.4	116.2





#65

Chlorobenzene

Concen: 22.170 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBS01

Tot Ion:112 Resp: 117075

Ion Ratio Lower Upper

112 100

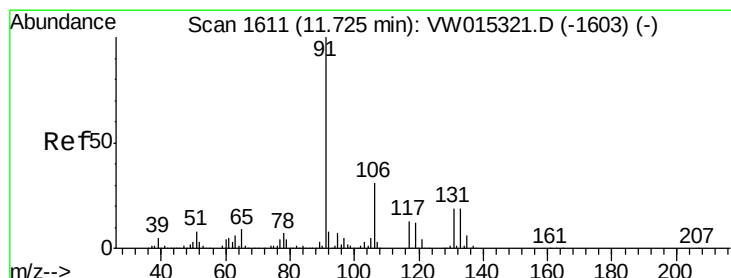
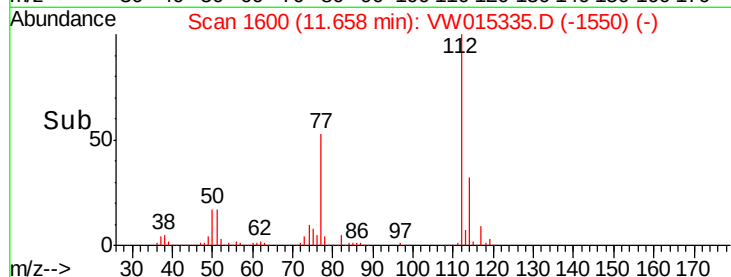
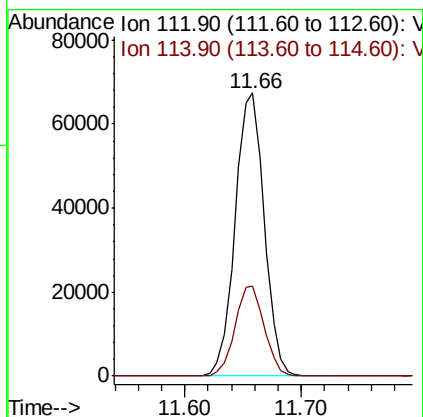
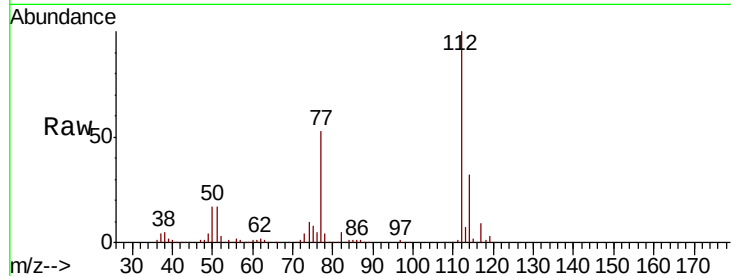
114 31.7 25.8 38.6

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 23.382 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

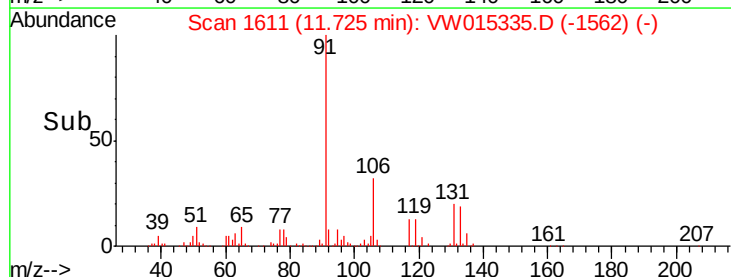
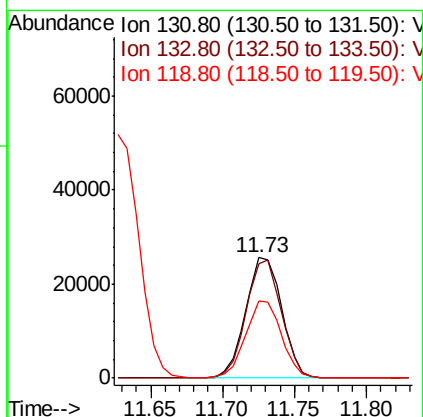
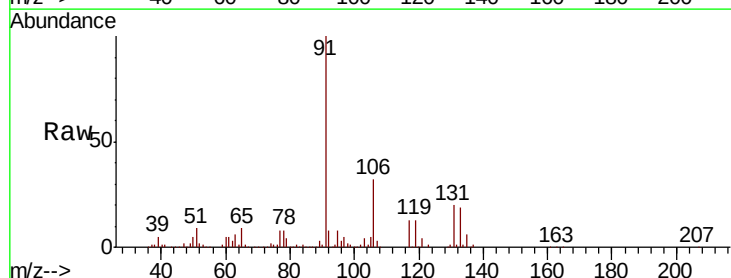
Tgt Ion:131 Resp: 44379

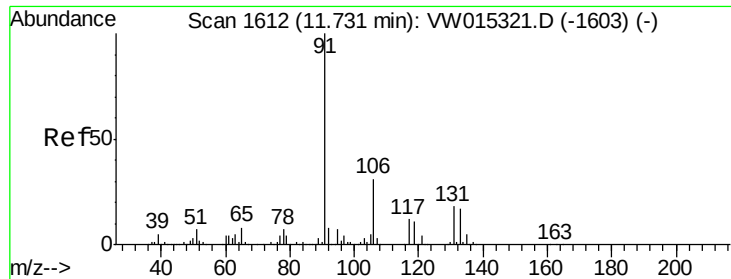
Ion Ratio Lower Upper

131 100

133 96.0 47.7 143.1

119 63.9 34.0 101.8





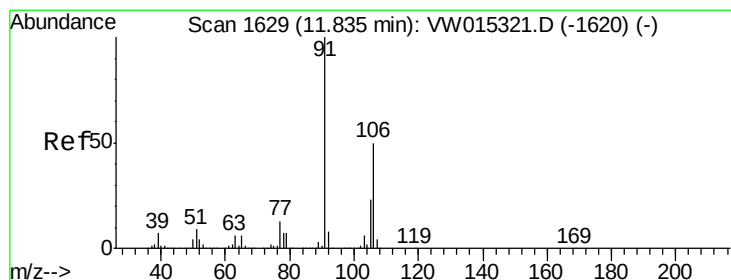
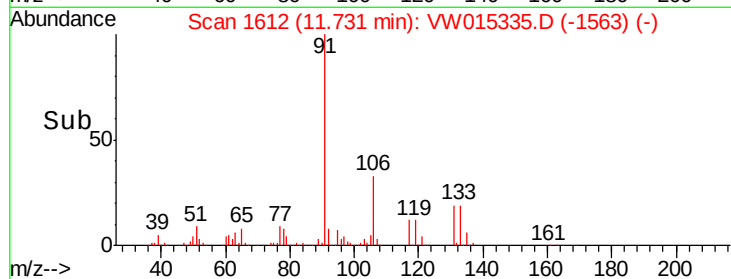
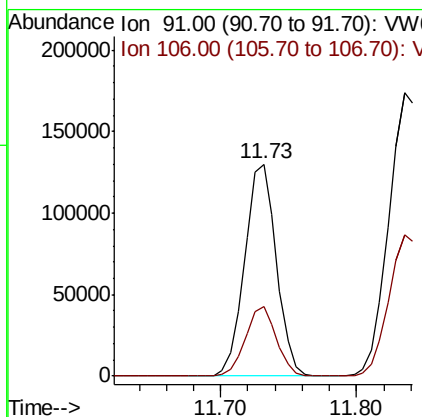
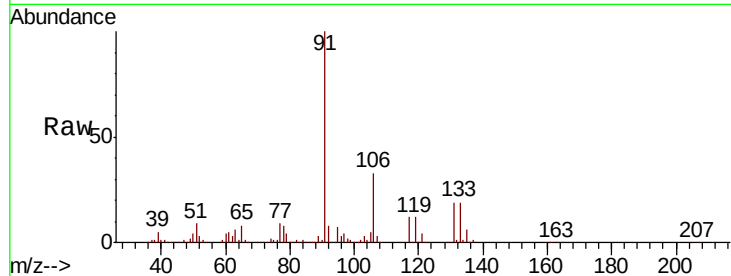
#67
Ethyl Benzene
Concen: 21.540 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	33.1	25.7	38.5

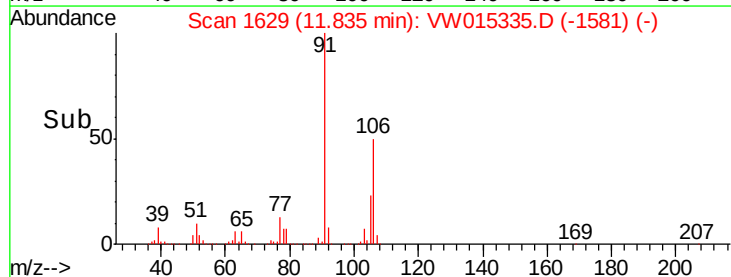
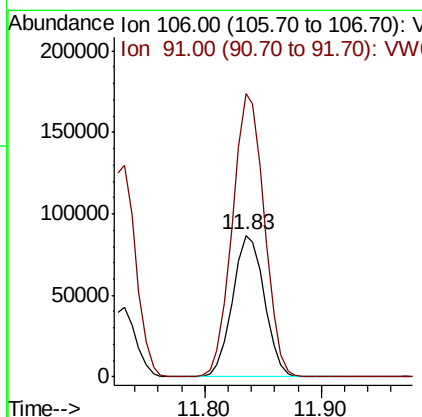
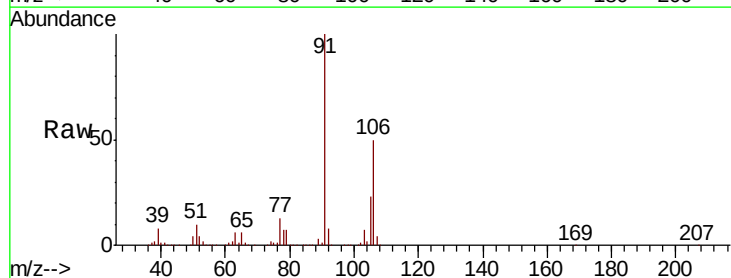
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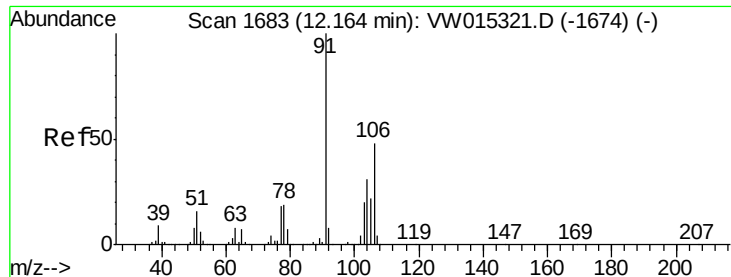
apatel
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#68
m/p-Xylenes
Concen: 42.959 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.4	160.0	240.0





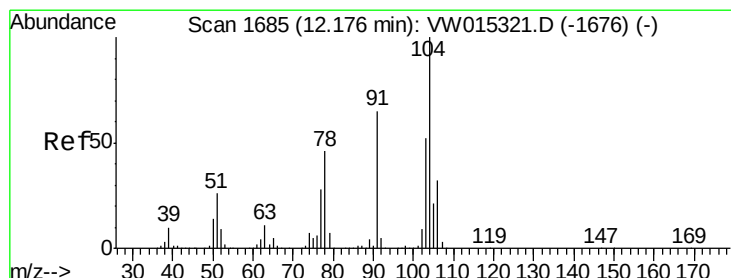
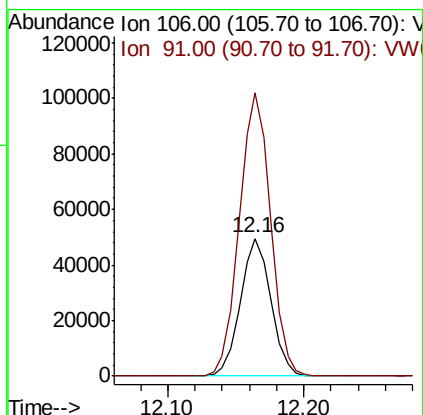
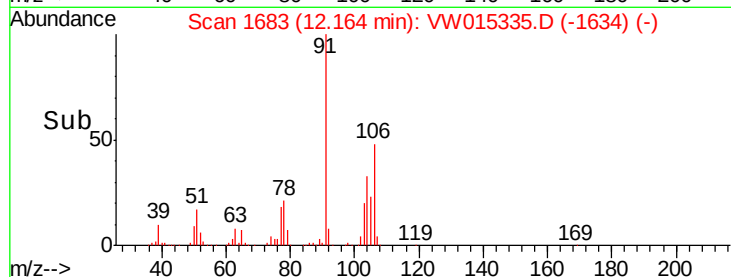
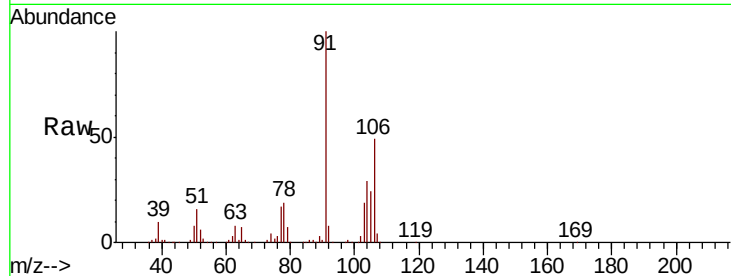
#69
o-Xylene
Concen: 21.484 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampled :
VW0424SBS01

Tot Ion:106 Resp: 77411
Ion Ratio Lower Upper
106 100
91 211.0 105.7 317.1

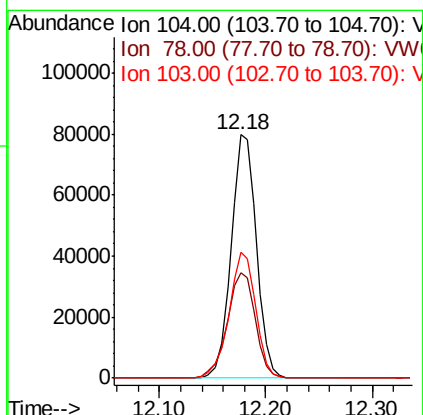
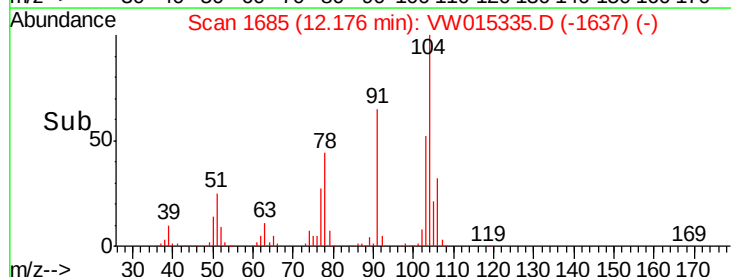
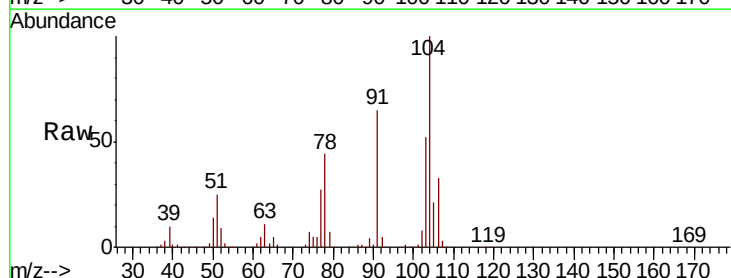
Manual Integrations
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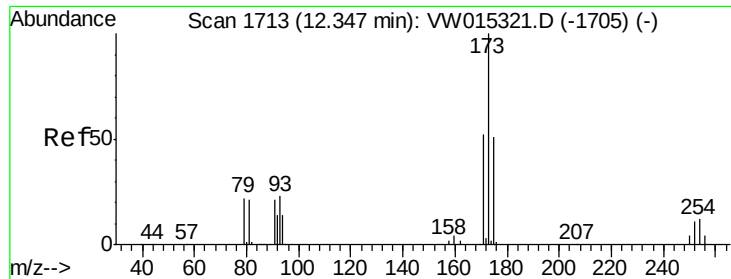
apatel
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#70
Styrene
Concen: 21.572 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion:104 Resp: 132494
Ion Ratio Lower Upper
104 100
78 48.1 39.8 59.6
103 54.3 43.8 65.6





#71

Bromoform

Concen: 23.665 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_W

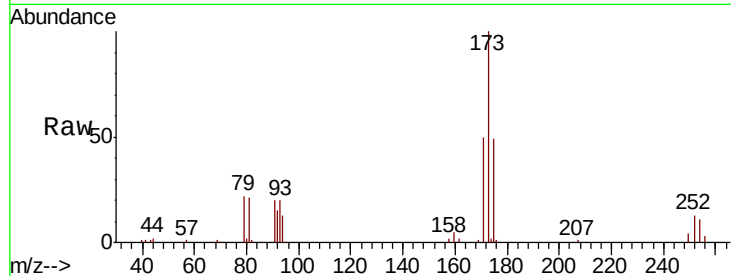
ClientSampleId :

VW0424SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	25.1	75.4
254	0.0	0.1	0.1#

Manual Integrations
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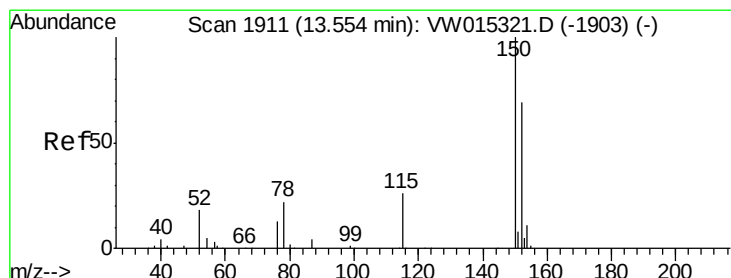
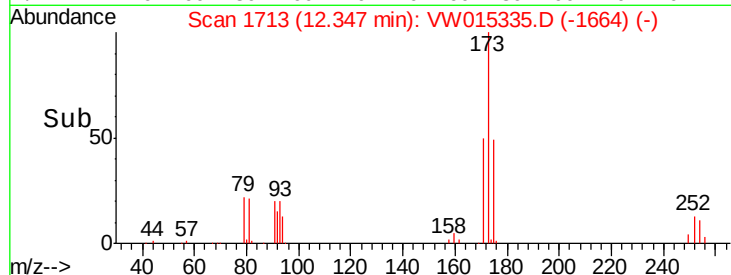
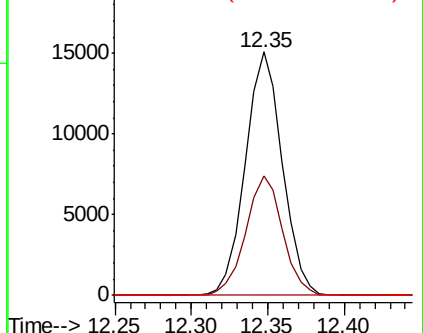


Abundance

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

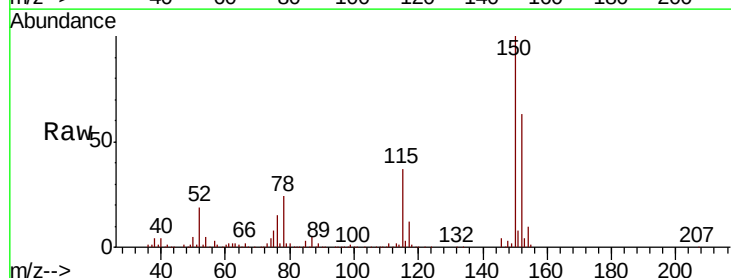
RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	31.3	93.9
150	161.8	0.0	343.4

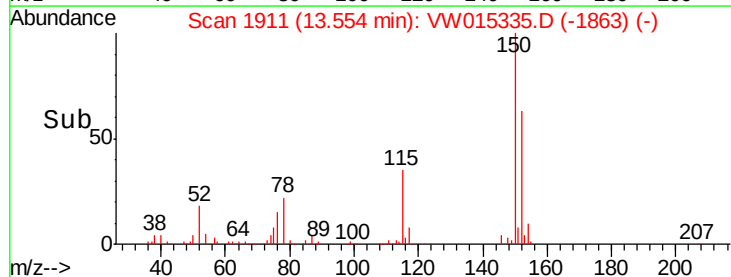
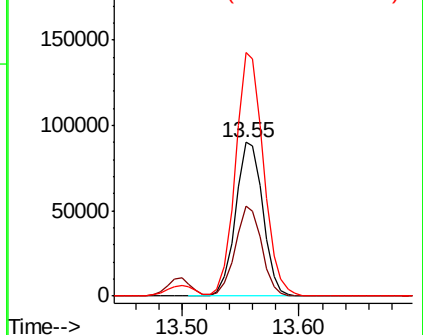


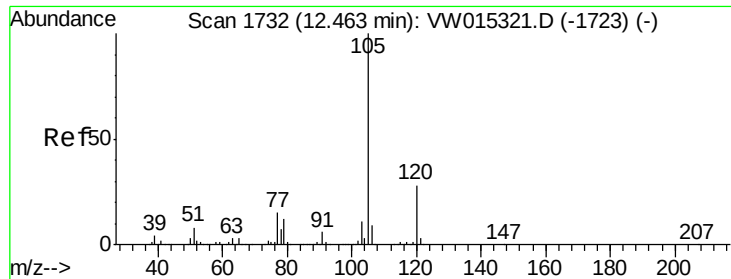
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.659 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_W

ClientSampled :

VW0424SBS01

Tot Ion:105 Resp: 220767

Ion Ratio Lower Upper

105 100

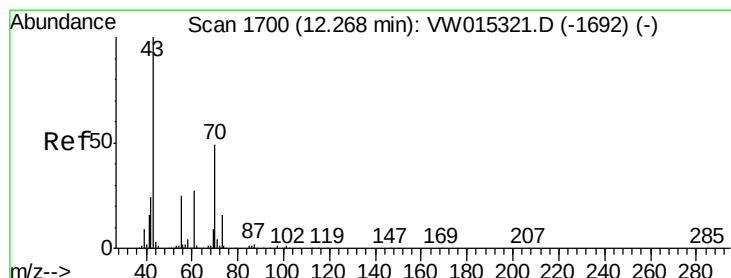
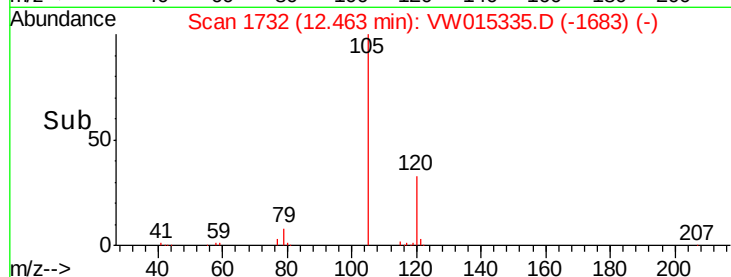
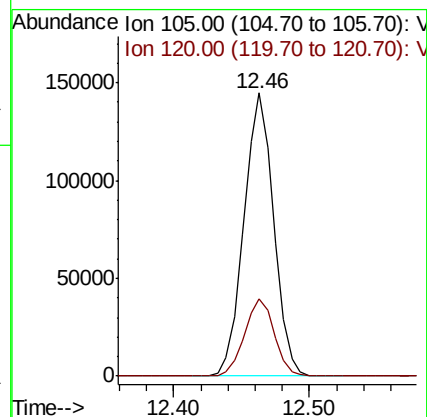
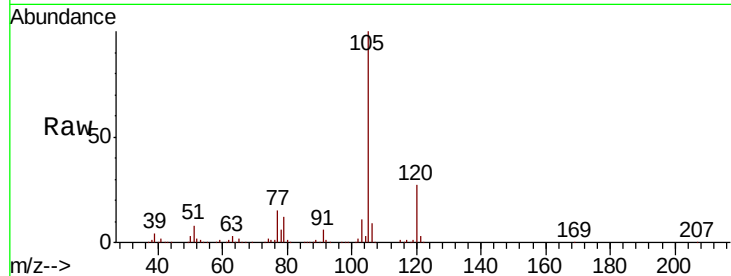
120 27.3 13.7 41.1

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#74

N-ethyl acetate

Concen: 21.018 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Tgt Ion: 43 Resp: 37270

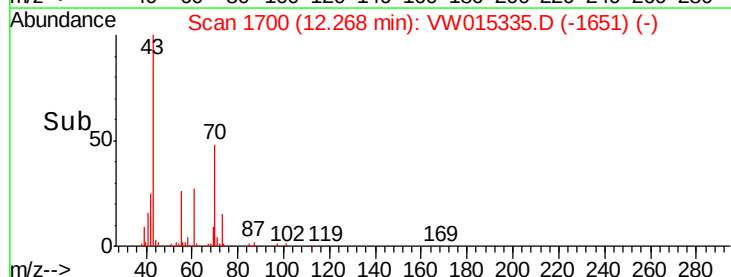
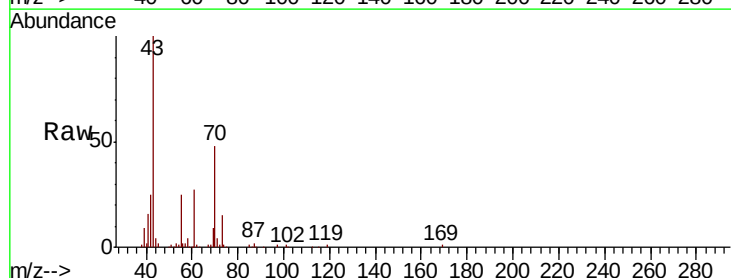
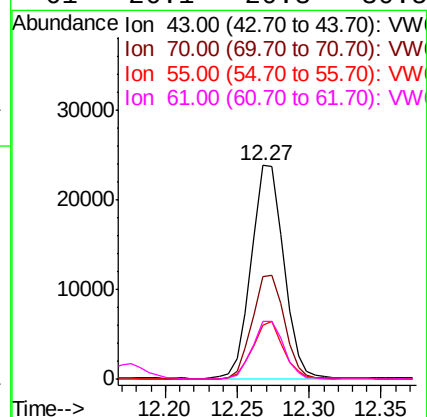
Ion Ratio Lower Upper

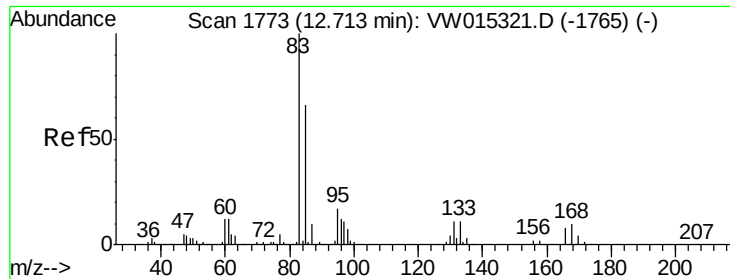
43 100

70 48.1 35.4 53.2

55 25.7 18.5 27.7

61 26.1 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.452 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_W

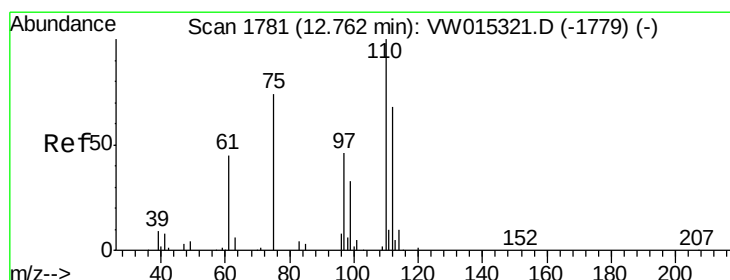
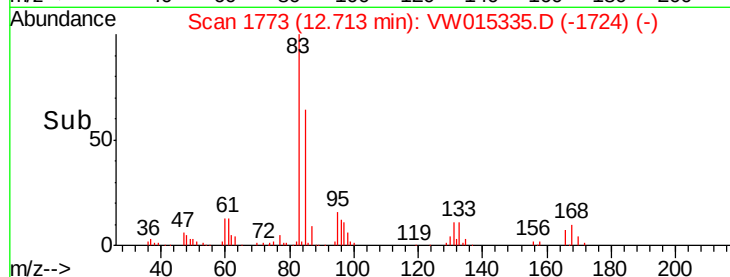
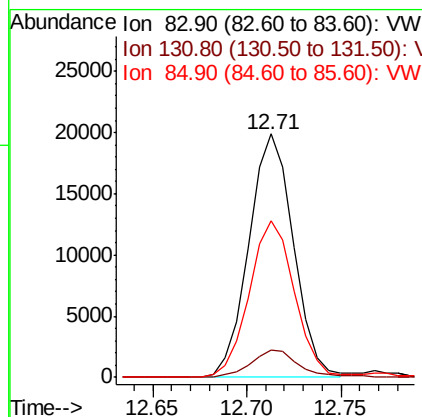
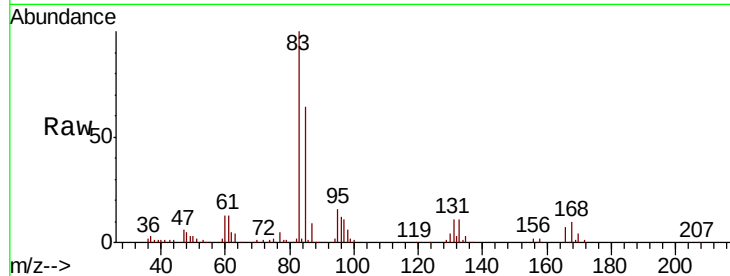
ClientSampleId :

VW0424SBS01

Tot Ion:	83	Resp:	32492
Ion	Ratio	Lower	Upper
83	100		
131	12.1	5.1	15.2
85	65.1	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.858 ug/l m

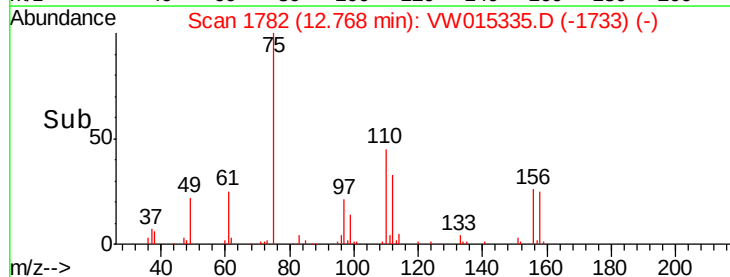
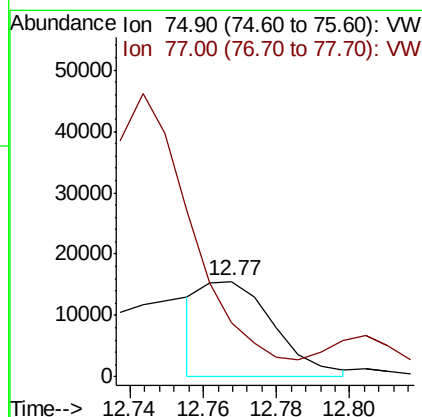
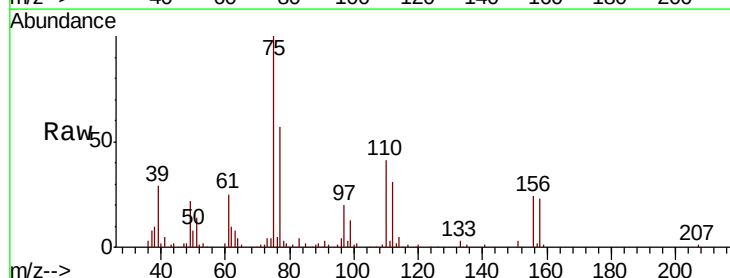
RT: 12.77 min Scan# 1782

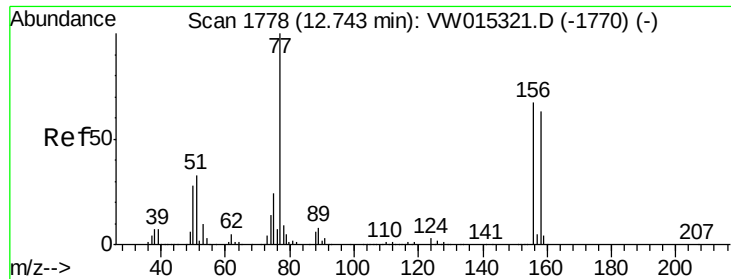
Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Tgt Ion:	75	Resp:	21446
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.017 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_W

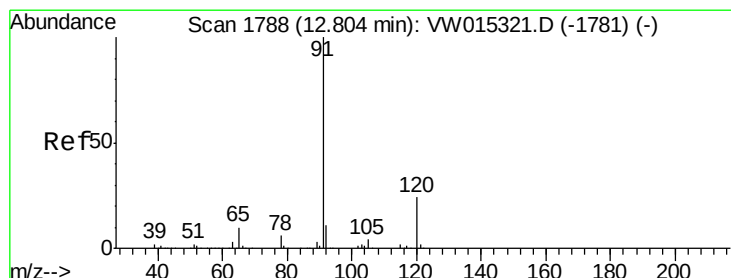
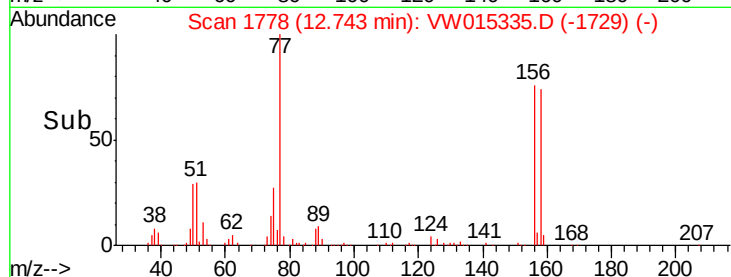
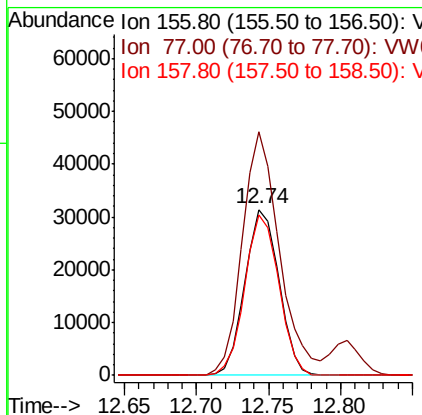
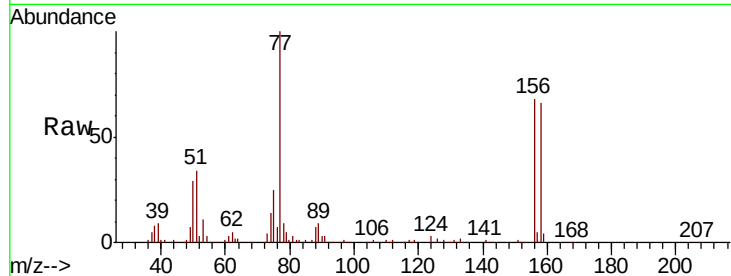
ClientSampled :

VW0424SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	160.2	100.5	301.5
158	96.5	47.9	143.8

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#78

n-propylbenzene

Concen: 21.152 ug/l

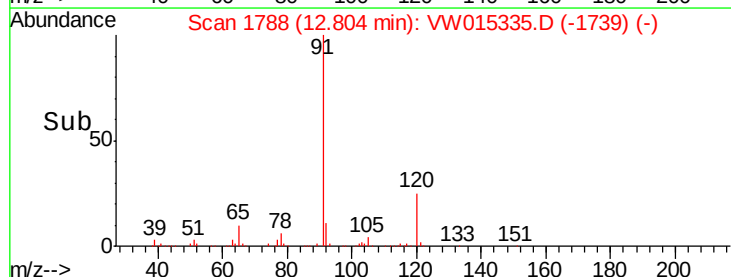
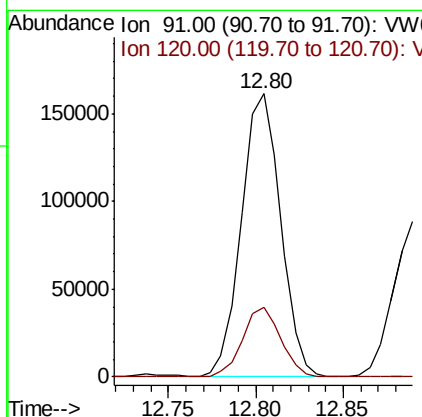
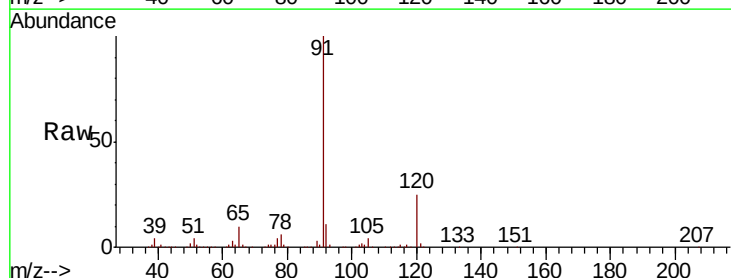
RT: 12.80 min Scan# 1788

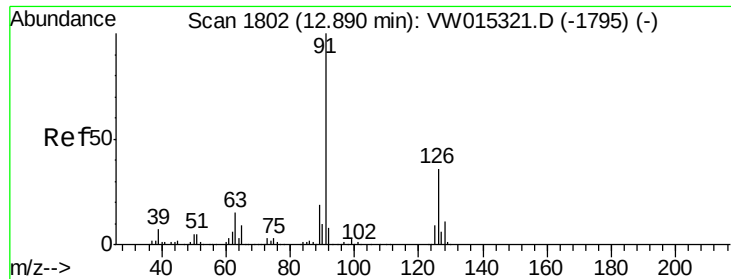
Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.4	34.1





#79

2-Chlorotoluene

Concen: 21.415 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015335.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_W

ClientSampled :

VW0424SBS01

Tot Ion: 91 Resp: 143226

Ion Ratio Lower Upper

91 100

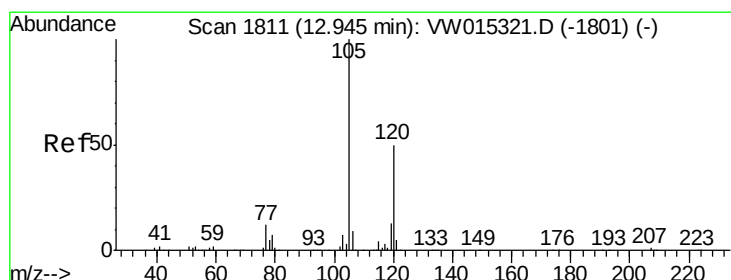
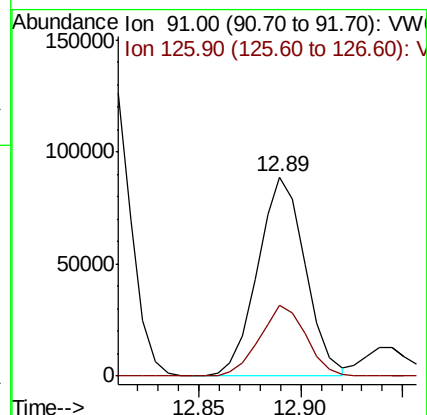
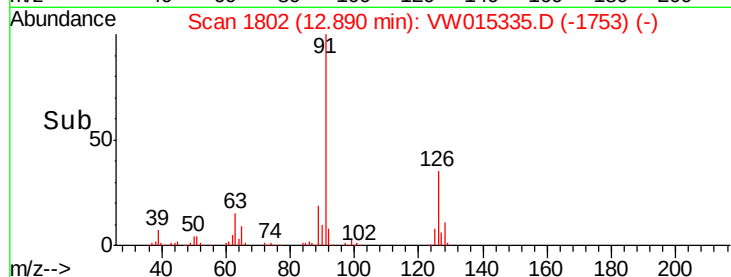
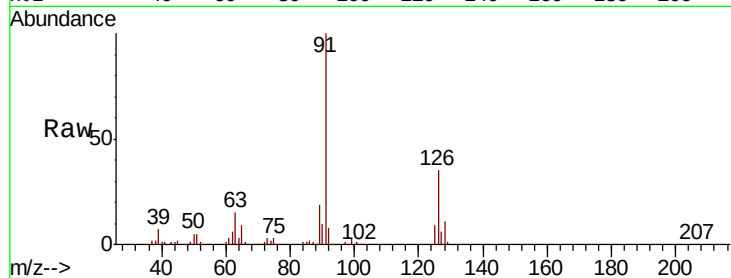
126 35.1 16.8 50.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.245 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015335.D

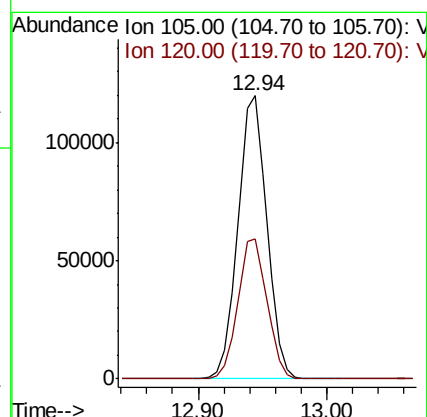
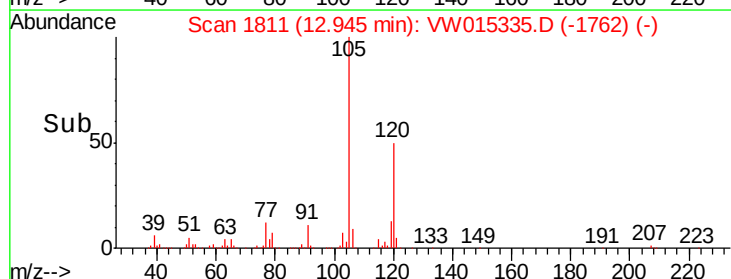
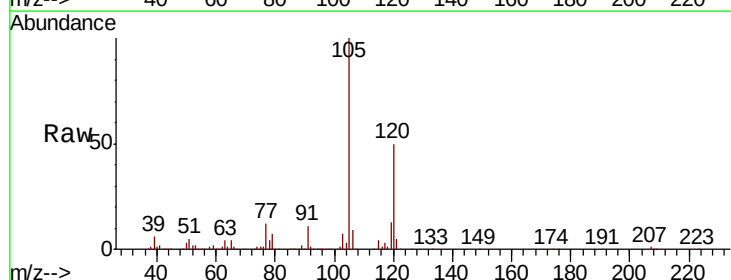
Acq: 24 Apr 2020 11:50

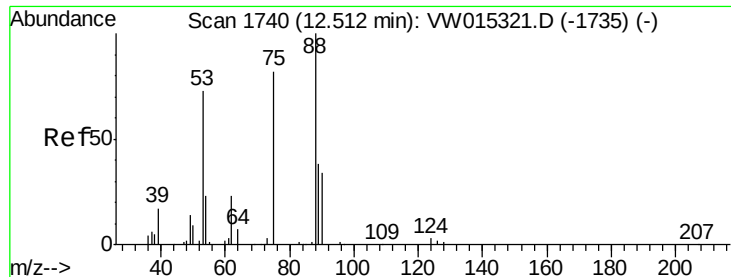
Tgt Ion:105 Resp: 186533

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.8





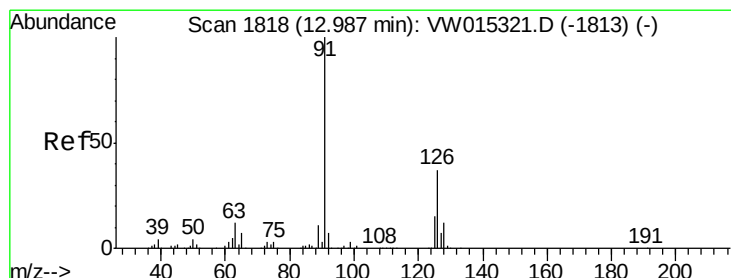
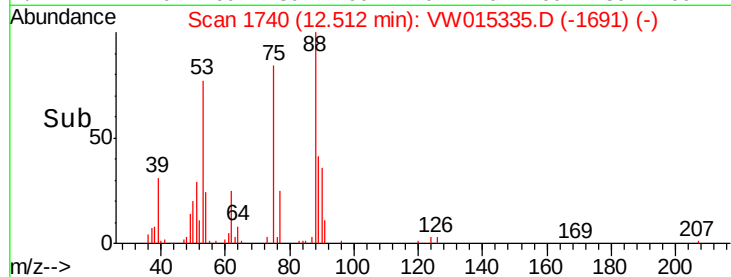
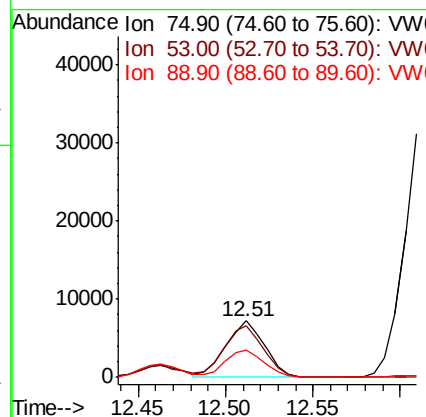
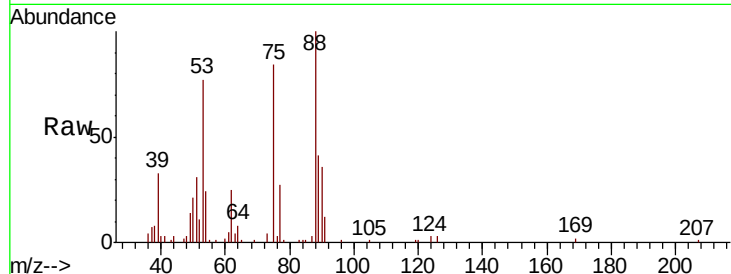
#81
trans-1,4-Dichloro-2-butene
Concen: 21.590 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.1	69.4	104.2
89	48.8	34.8	52.2

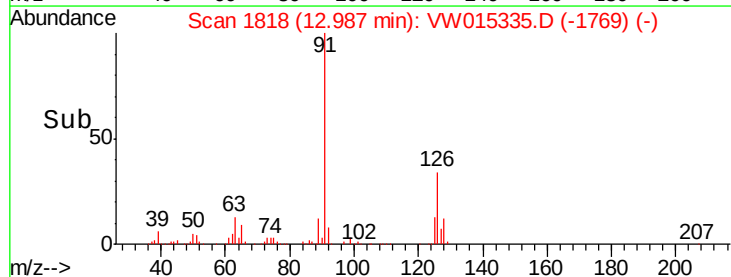
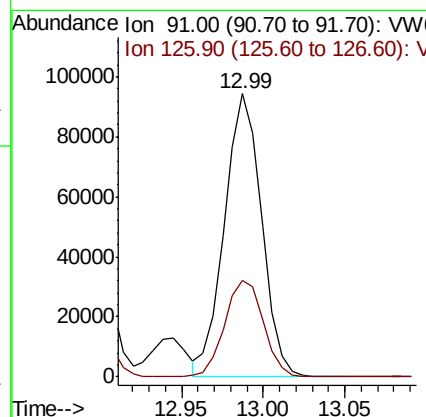
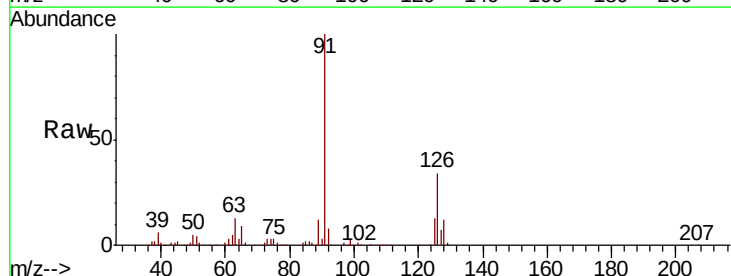
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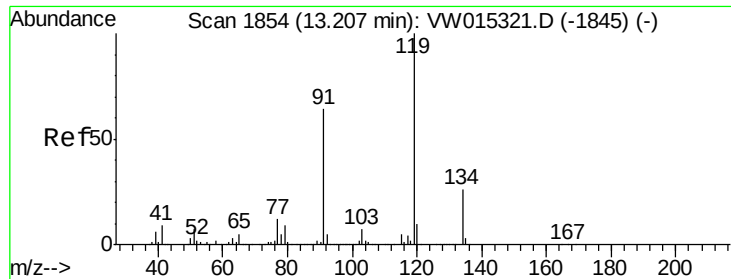
apatel
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#82
4-Chlorotoluene
Concen: 20.943 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	16.8	50.3





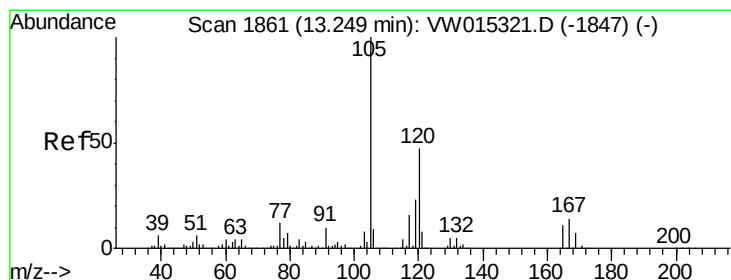
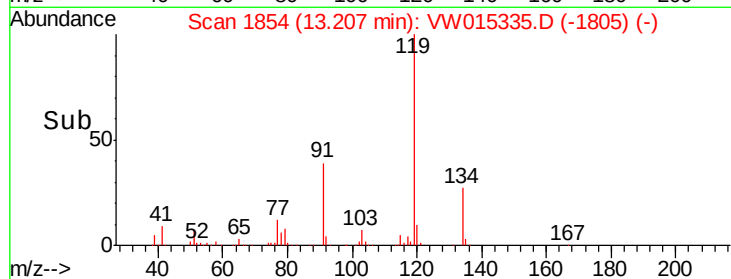
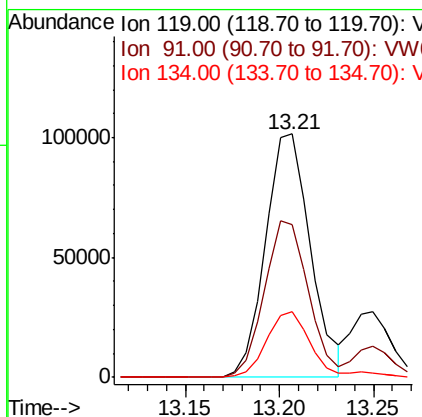
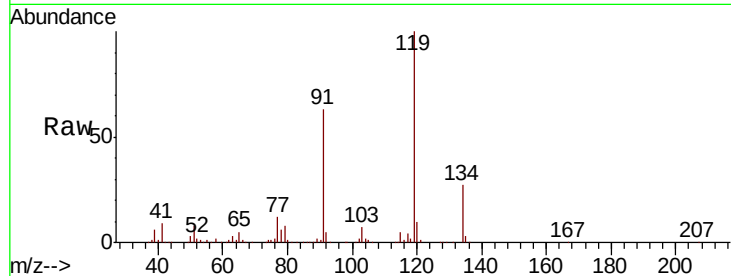
#83
tert-Butylbenzene
Concen: 21.962 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampled :
VW0424SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	168540		
91	62.8		32.8	98.3
134	26.0		13.3	39.9

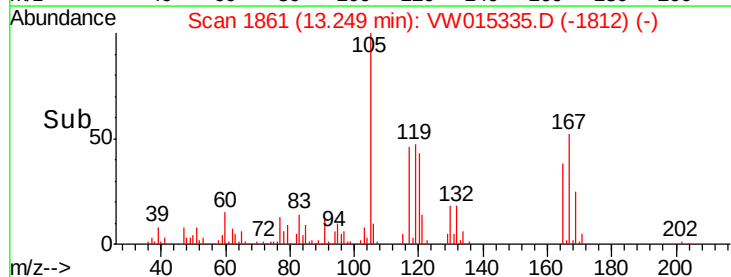
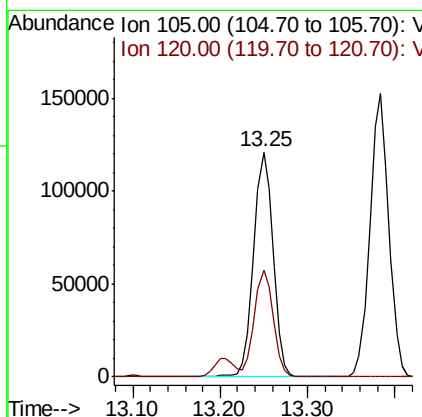
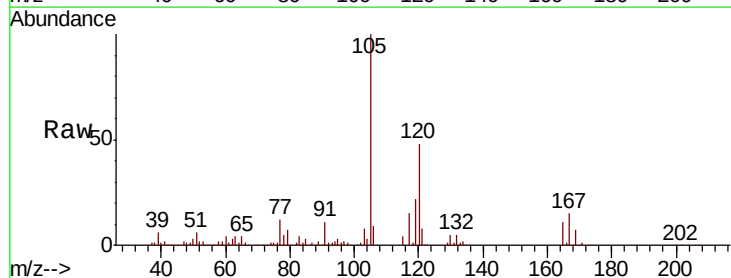
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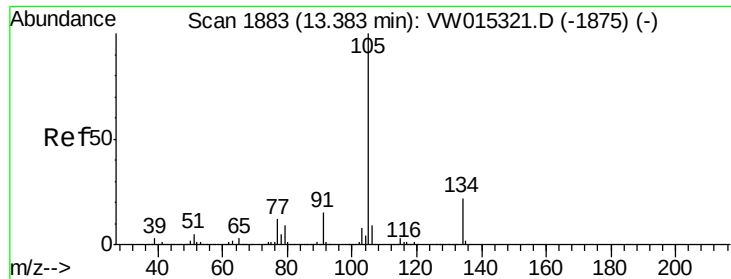
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#84
1,2,4-Trimethylbenzene
Concen: 21.489 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	186095		
120	45.6		23.0	69.0





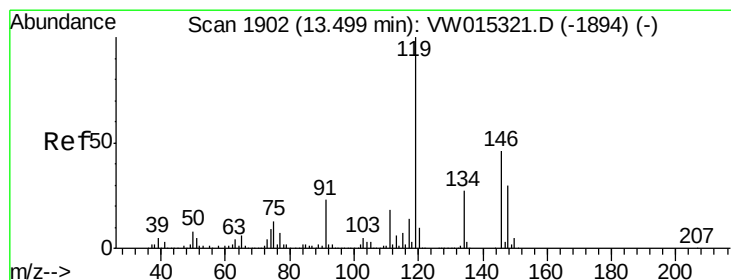
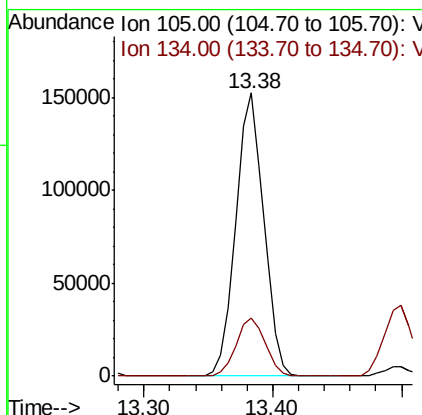
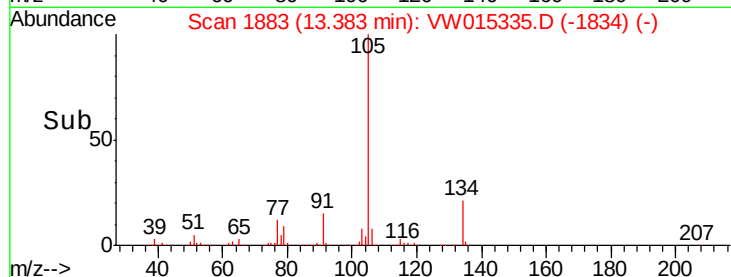
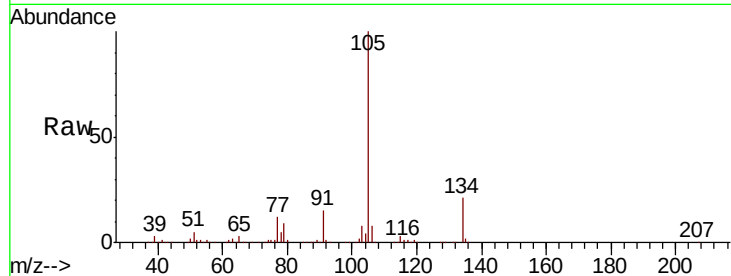
#85
 sec-Butylbenzene
 Concen: 21.662 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Instrument :
 MSVOA_W
 ClientSampled :
 VW0424SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.1	30.1

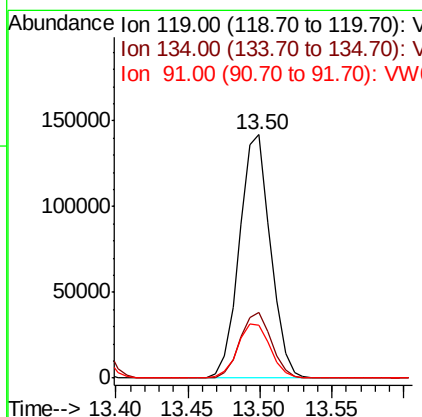
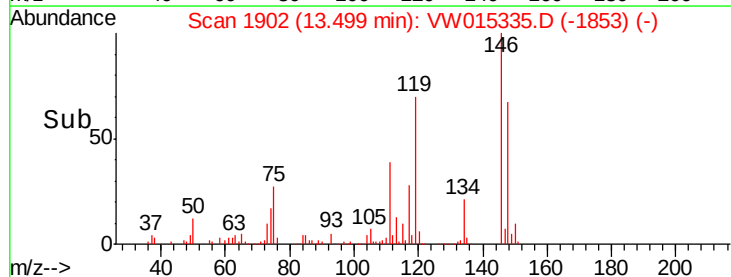
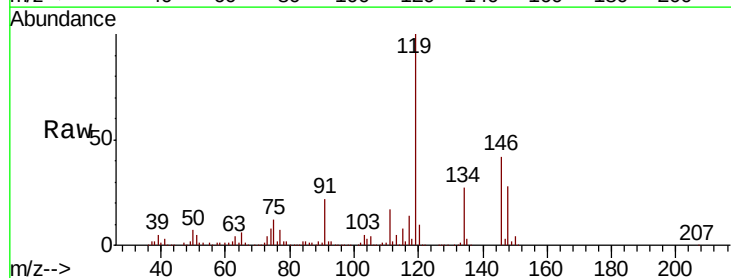
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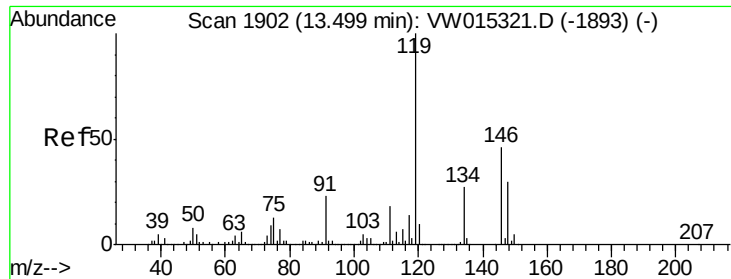
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#86
 p-Isopropyltoluene
 Concen: 21.469 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.3	39.9
91	23.4	12.0	36.1





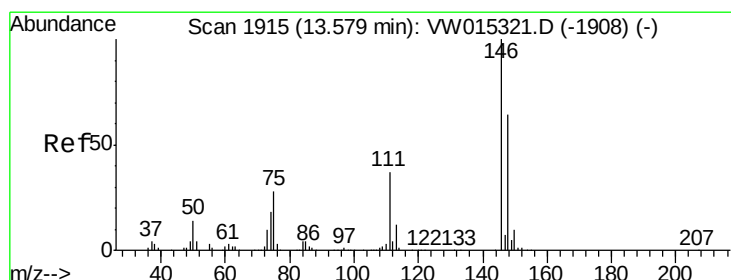
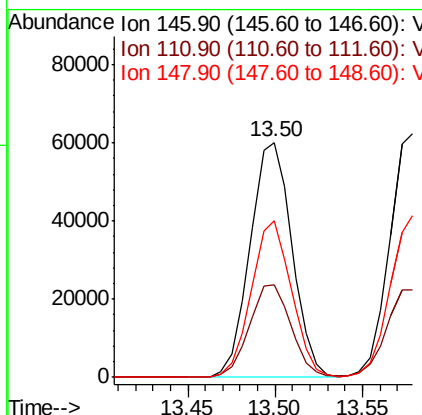
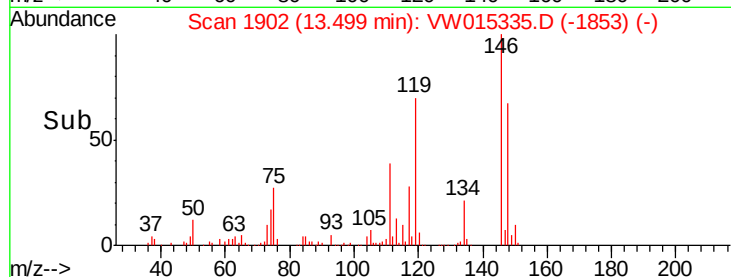
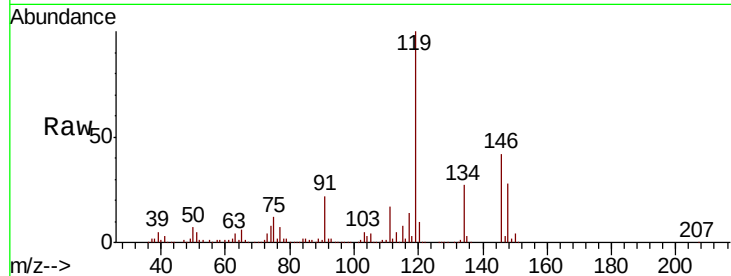
#87
 1,3-Dichlorobenzene
 Concen: 21.508 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Instrument :
 MSVOA_W
 ClientSampled :
 VW0424SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	100075		
111	39.1		21.1	63.4
148	64.1		31.8	95.3

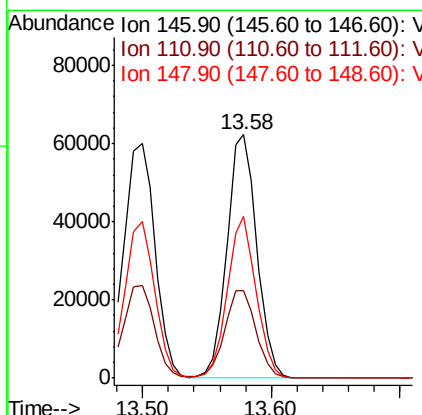
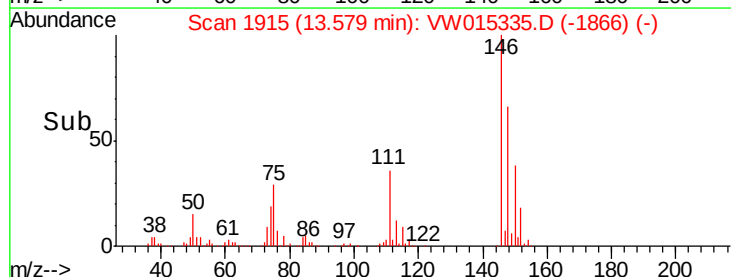
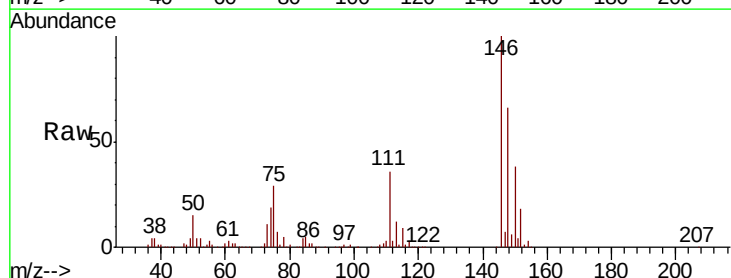
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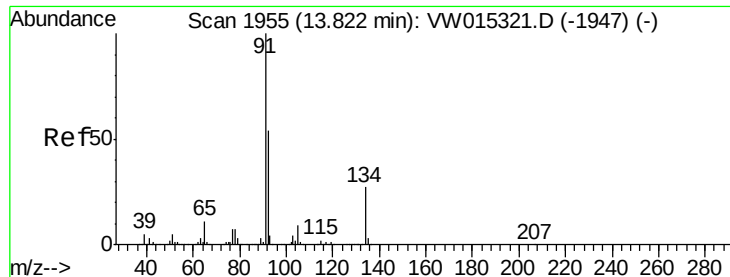
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#88
 1,4-Dichlorobenzene
 Concen: 22.110 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	100845		
111	38.2		20.4	61.3
148	63.8		31.5	94.5





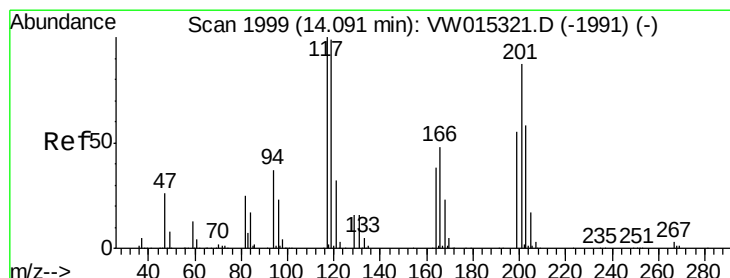
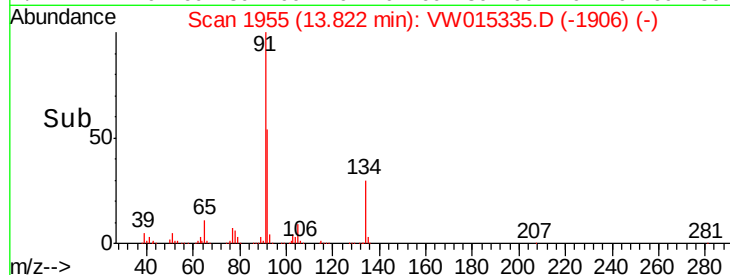
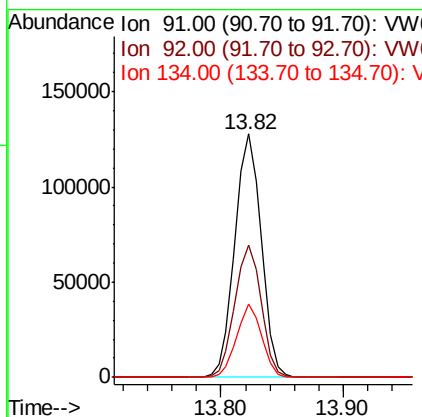
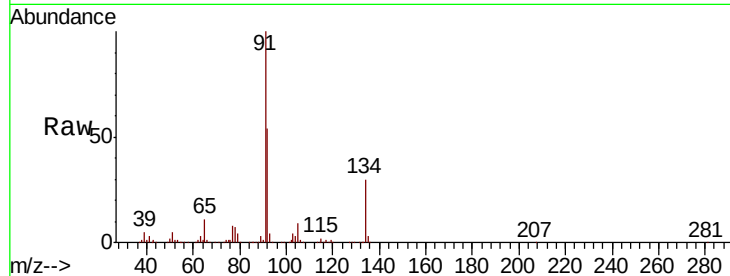
#89
n-Butylbenzene
Concen: 21.171 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.6	82.7
134	28.6	12.8	38.3

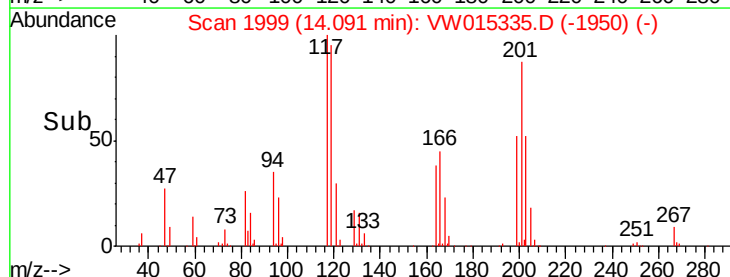
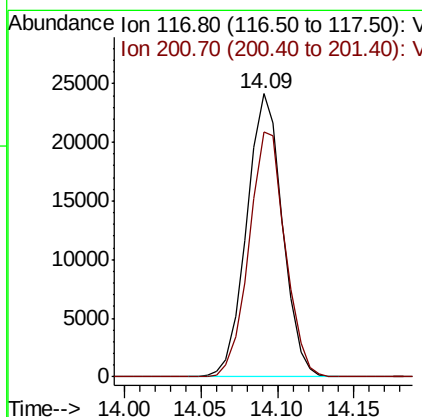
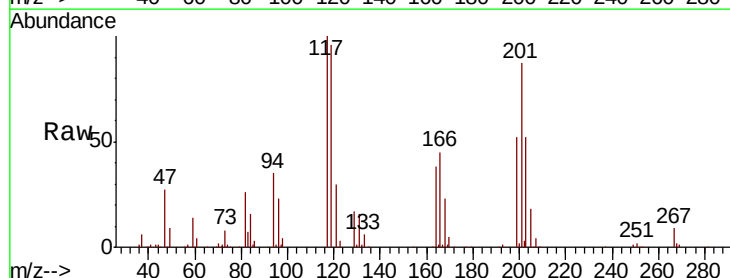
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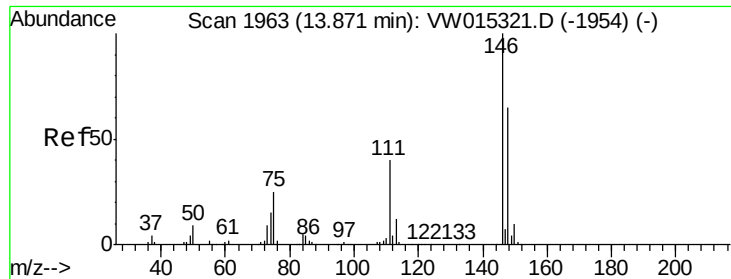
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#90
Hexachloroethane
Concen: 21.718 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.7	33.6	100.6





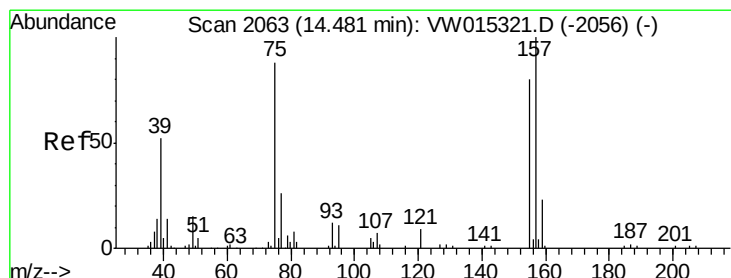
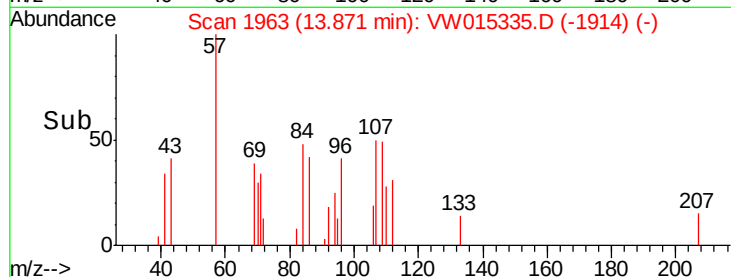
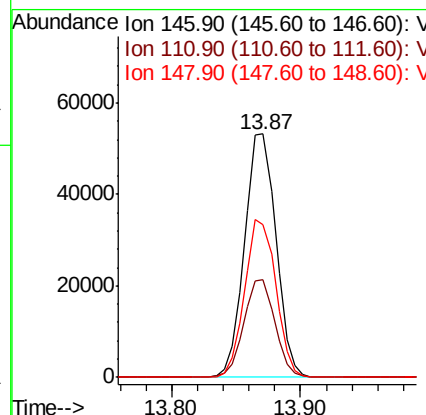
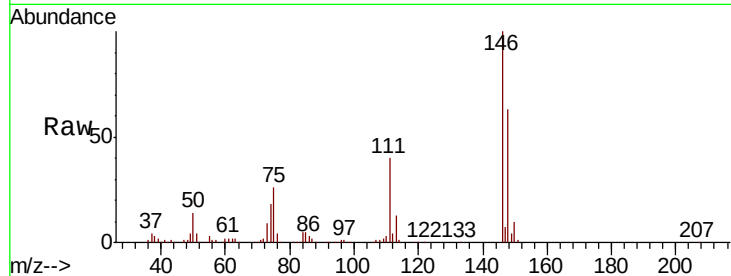
#91
 1,2-Dichlorobenzene
 Concen: 22.211 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.6	65.0
148	64.4	31.0	93.0

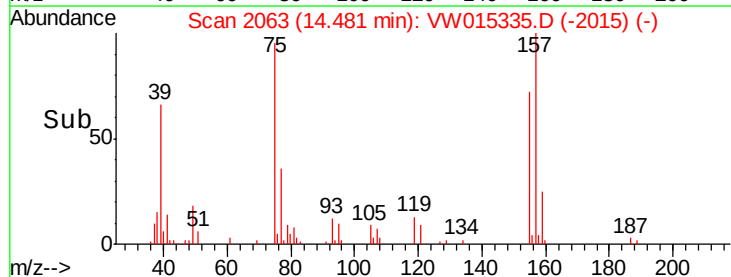
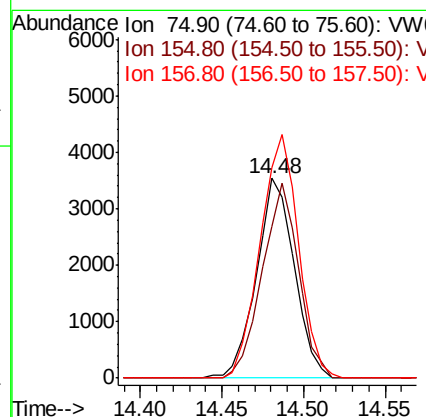
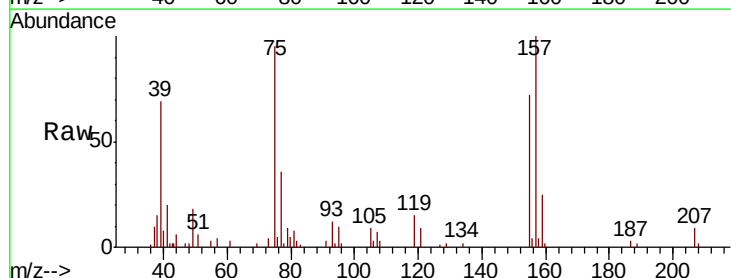
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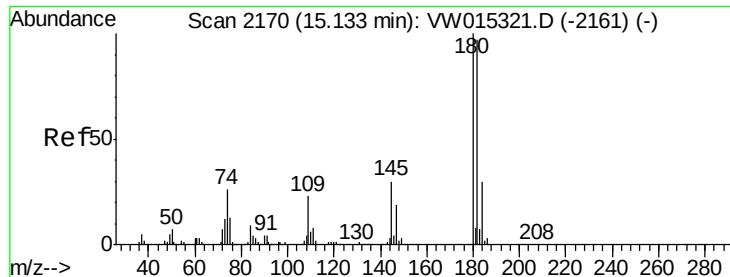
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.852 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.5	41.6	124.9
157	123.0	53.8	161.2





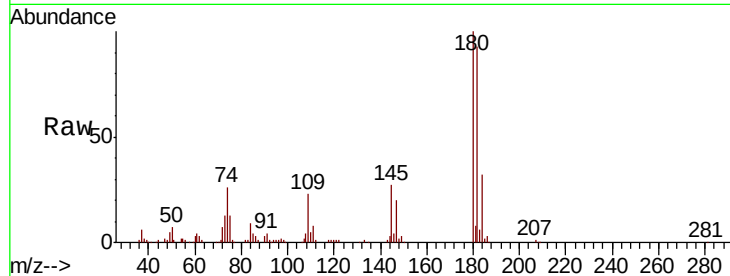
#93
 1,2,4-Trichlorobenzene
 Concen: 21.776 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	61199		
182	93.7		47.1	141.4
145	28.5		16.2	48.6

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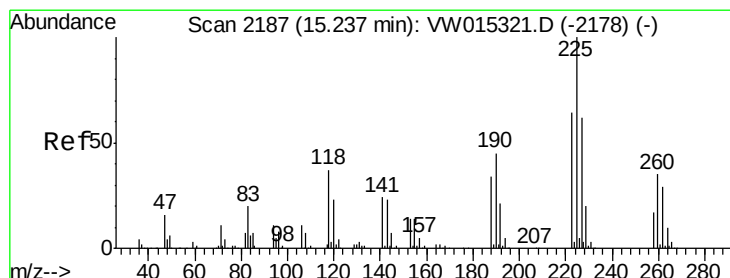
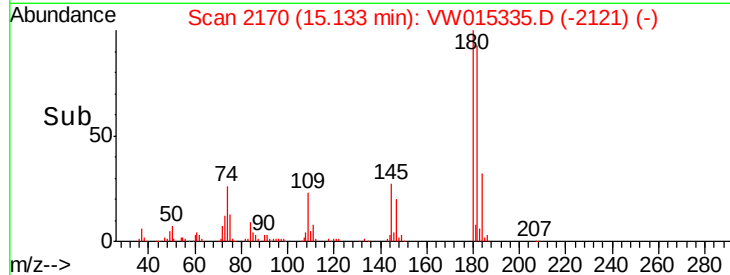
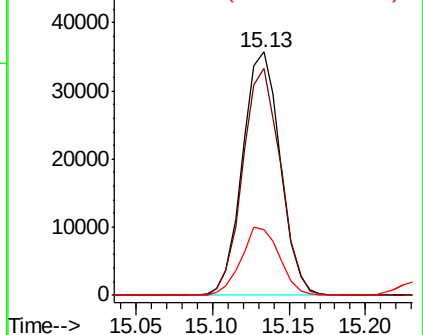


Abundance

Ion 179.80 (179.50 to 180.50): V

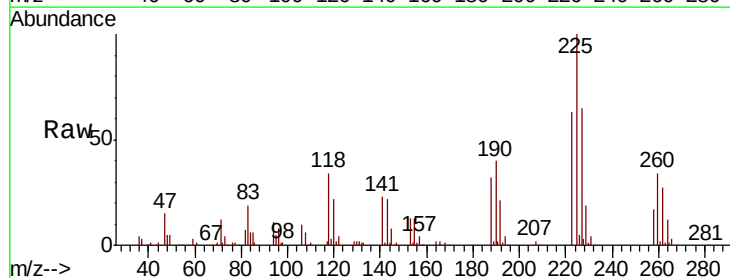
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 22.715 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015335.D
 Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	42561		
223	60.6		31.0	93.0
227	63.2		30.8	92.3

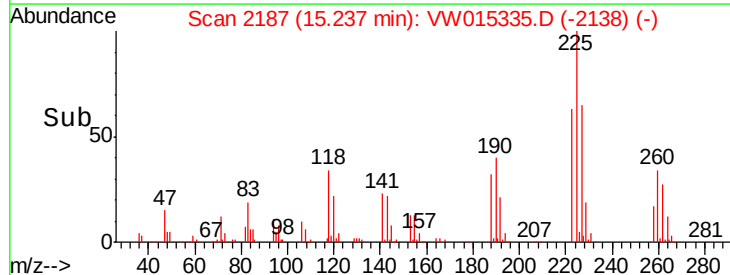
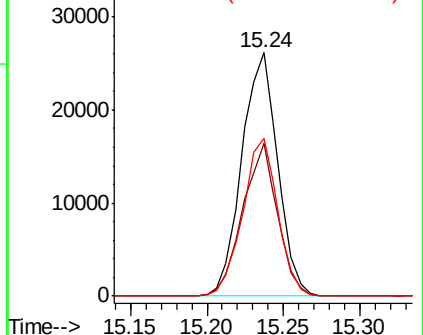


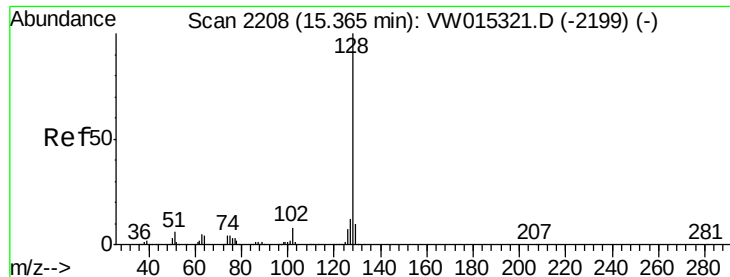
Abundance

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





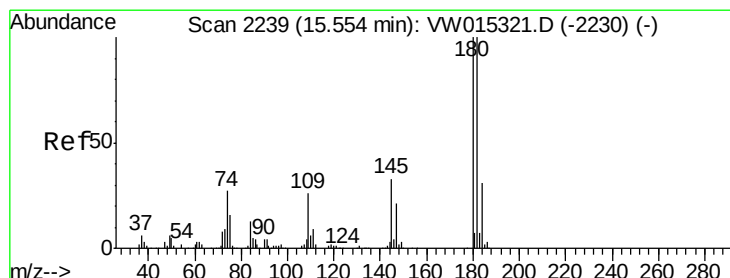
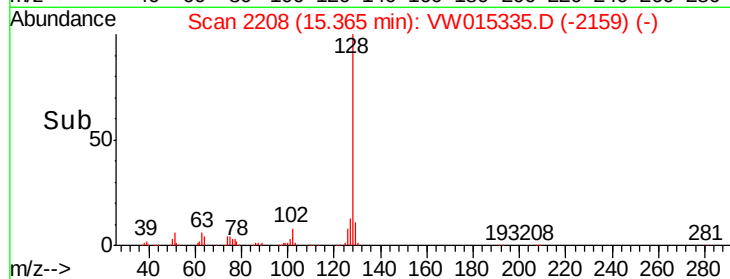
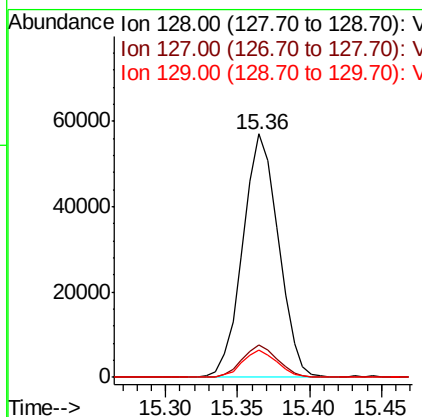
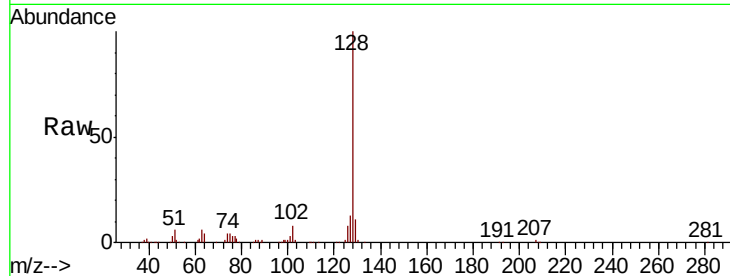
#95
Naphthalene
Concen: 21.701 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.6	12.8

Manual Integrations
APPROVED

apatel
4/27/2020 2:28:01 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.487 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015335.D
Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.8	146.3
145	30.4	17.2	51.6

