

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101020\
 Data File : VW016866.D
 Acq On : 09 Oct 2020 18:08
 Operator : SY/VA
 Sample : VW1010SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 4:20:46 PM

Quant Time: Oct 12 14:45:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 05:14:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	391673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	577579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	524874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	259120	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	165532	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
35) Dibromofluoromethane	7.88	113	180933	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.33	98	687848	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	242259	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	49478	23.734	ug/l	99
3) Chloromethane	2.21	50	50804	21.689	ug/l	99
4) Vinyl Chloride	2.37	62	72117	21.291	ug/l	98
5) Bromomethane	2.78	94	55060	21.165	ug/l	99
6) Chloroethane	2.93	64	45821	21.257	ug/l	99
7) Trichlorofluoromethane	3.26	101	47710	19.346	ug/l	99
8) Diethyl Ether	3.68	74	32201	20.906	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	68582	20.653	ug/l	99
10) Methyl Iodide	4.28	142	113469	21.374	ug/l	98
11) Tert butyl alcohol	5.17	59	18873	121.216	ug/l #	89
12) 1,1-Dichloroethene	4.05	96	68106	20.779	ug/l	96
13) Acrolein	3.90	56	23025	109.388	ug/l	100
14) Allyl chloride	4.67	41	81741	20.834	ug/l	98
15) Acrylonitrile	5.37	53	52658	102.704	ug/l	97
16) Acetone	4.12	43	49579	96.086	ug/l	99
17) Carbon Disulfide	4.39	76	180677	20.719	ug/l	100
18) Methyl Acetate	4.67	43	25134	21.237	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	77170	21.845	ug/l	99
20) Methylene Chloride	4.92	84	79900	20.294	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	77465	21.053	ug/l	99
22) Diisopropyl ether	6.32	45	154621	21.684	ug/l	98
23) Vinyl Acetate	6.26	43	478892	104.810	ug/l	100
24) 1,1-Dichloroethane	6.22	63	118770	21.005	ug/l	98
25) 2-Butanone	7.18	43	72482	105.368	ug/l	98
26) 2,2-Dichloropropane	7.17	77	70707	20.439	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	82704	20.986	ug/l	99
28) Bromochloromethane	7.52	49	44947	19.862	ug/l	99
29) Tetrahydrofuran	7.53	42	42199	109.520	ug/l	98
30) Chloroform	7.68	83	128904	20.970	ug/l	99
31) Cyclohexane	7.96	56	97343	20.183	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	107728	20.777	ug/l	99
36) 1,1-Dichloropropene	8.09	75	100880	20.206	ug/l	99
37) Ethyl Acetate	7.25	43	34793	21.328	ug/l	99
38) Carbon Tetrachloride	8.07	117	103143	19.867	ug/l	97

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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	114544	20.117	ug/l	98
40) Benzene	8.33	78	286697	20.607	ug/l	99
41) Methacrylonitrile	7.49	41	21473	22.213	ug/l	87
42) 1,2-Dichloroethane	8.40	62	79024	20.765	ug/l	99
43) Isopropyl Acetate	8.43	43	62934	20.138	ug/l	98
44) Trichloroethene	9.09	130	86766	20.149	ug/l	96
45) 1,2-Dichloropropane	9.37	63	64198	20.235	ug/l	99
46) Dibromomethane	9.46	93	37063	20.424	ug/l	98
47) Bromodichloromethane	9.65	83	93632	20.752	ug/l	97
48) Methyl methacrylate	9.44	41	29298	20.344	ug/l	97
49) 1,4-Dioxane	9.45	88	8964	429.448	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	160383	101.444	ug/l	99
52) Toluene	10.39	92	190494	20.713	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	81623	19.871	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	101934	20.317	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	52610	20.368	ug/l	99
56) Ethyl methacrylate	10.65	69	56671	20.168	ug/l	99
57) 1,3-Dichloropropane	10.93	76	87547	20.486	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	153248	98.418	ug/l	99
59) 2-Hexanone	10.97	43	105356	100.718	ug/l	99
60) Dibromochloromethane	11.13	129	63165	19.937	ug/l	99
61) 1,2-Dibromoethane	11.24	107	51942	20.306	ug/l	99
64) Tetrachloroethene	10.87	164	74780	19.997	ug/l	91
65) Chlorobenzene	11.66	112	209980	20.396	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	74018	20.330	ug/l	99
67) Ethyl Benzene	11.73	91	363087	20.239	ug/l	100
68) m/p-Xylenes	11.84	106	285842	40.968	ug/l	100
69) o-Xylene	12.16	106	133599	20.866	ug/l	99
70) Styrene	12.18	104	220959	20.735	ug/l	99
71) Bromoform	12.35	173	34646	18.955	ug/l #	100
73) Isopropylbenzene	12.47	105	365697	21.233	ug/l	99
74) N-amyl acetate	12.27	43	57240	20.691	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	55120	20.398	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39440m	20.399	ug/l	
77) Bromobenzene	12.75	156	89711	21.072	ug/l	98
78) n-propylbenzene	12.80	91	421334	21.213	ug/l	99
79) 2-Chlorotoluene	12.90	91	243857	21.522	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	313925	21.750	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13881	19.297	ug/l	96
82) 4-Chlorotoluene	12.99	91	250261	21.396	ug/l	99
83) tert-Butylbenzene	13.21	119	266370	21.249	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	310927	21.619	ug/l	100
85) sec-Butylbenzene	13.38	105	374061	21.437	ug/l	100
86) p-Isopropyltoluene	13.50	119	345320	21.253	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	175575	21.326	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	172241	21.230	ug/l	99
89) n-Butylbenzene	13.82	91	309503	21.144	ug/l	98
90) Hexachloroethane	14.10	117	52073	20.770	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	154996	21.820	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8523	20.595	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Oct 10 05:14:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	108824	22.203	ug/l	99
94) Hexachlorobutadiene	15.24	225	67115	21.124	ug/l	98
95) Naphthalene	15.37	128	171807	21.569	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	91923	21.559	ug/l	99

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

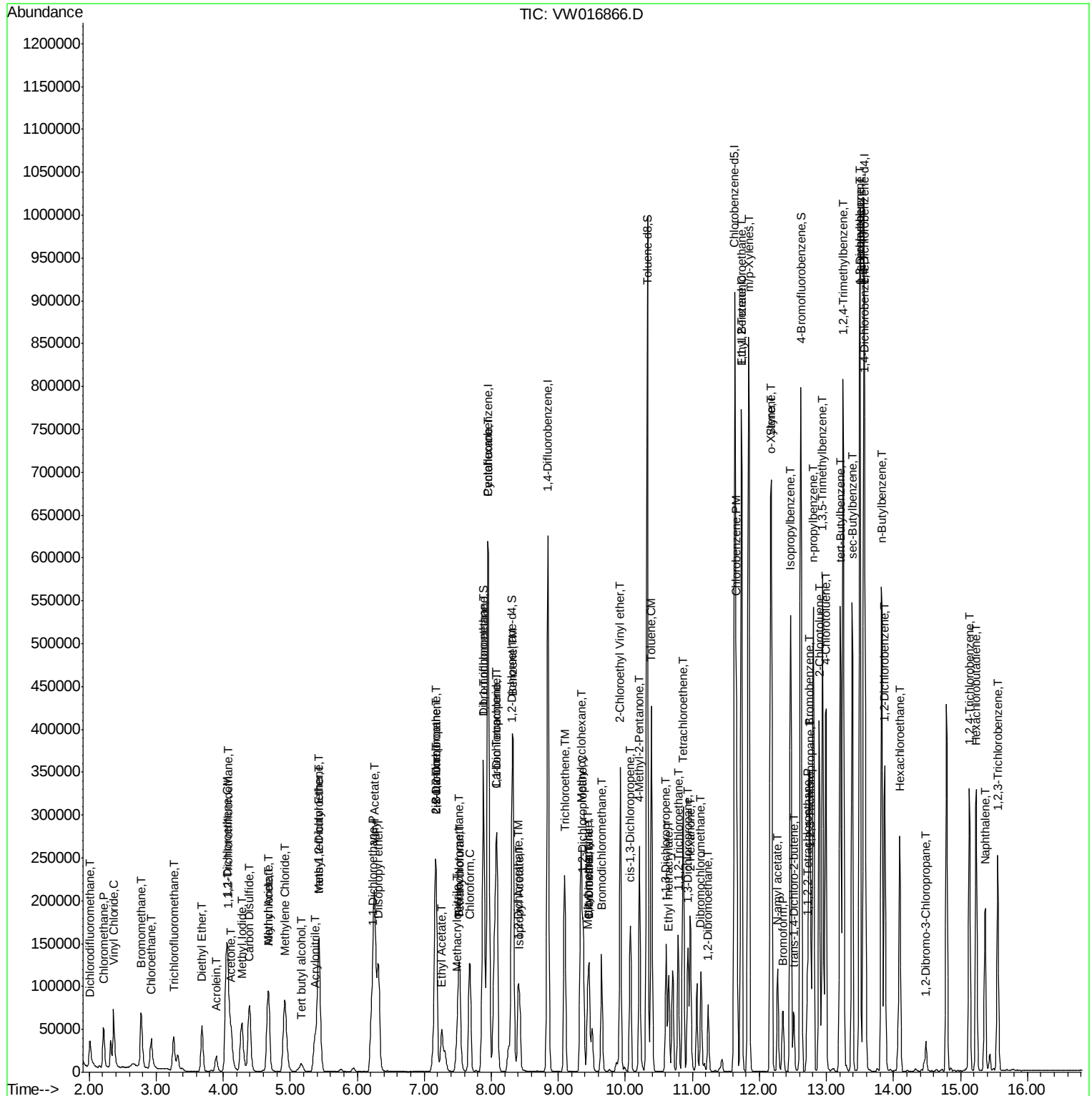
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101020\
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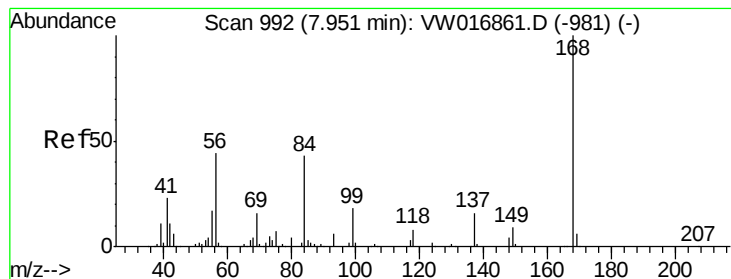
Instrument :
 MSVOA_W
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

Tot Ion:168 Resp: 391673

Ion Ratio Lower Upper

168 100

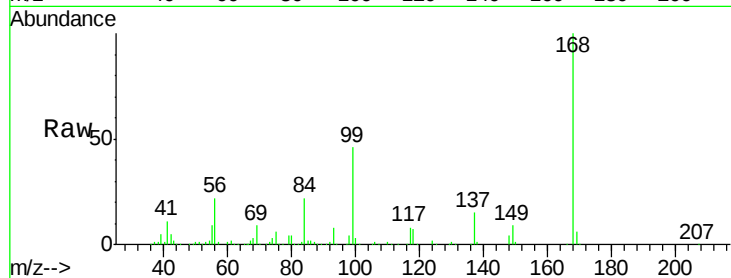
99 46.1 40.7 61.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

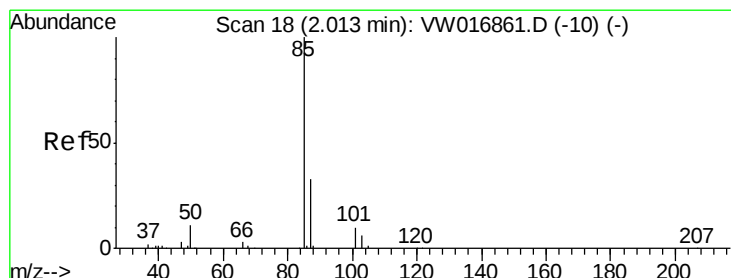
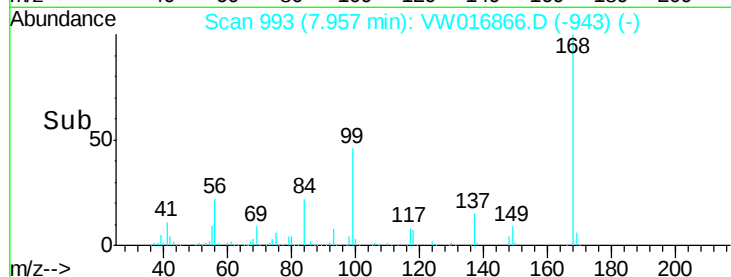
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 23.734 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW016866.D

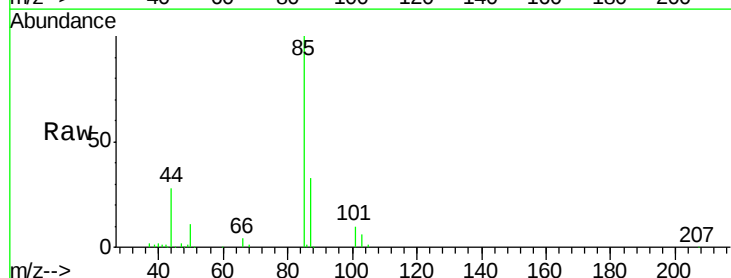
Acq: 09 Oct 2020 18:08

Tgt Ion: 85 Resp: 49478

Ion Ratio Lower Upper

85 100

87 33.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

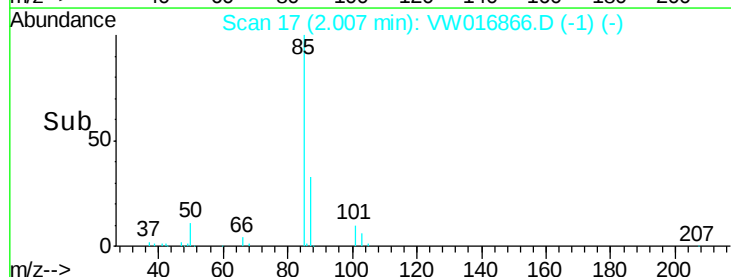
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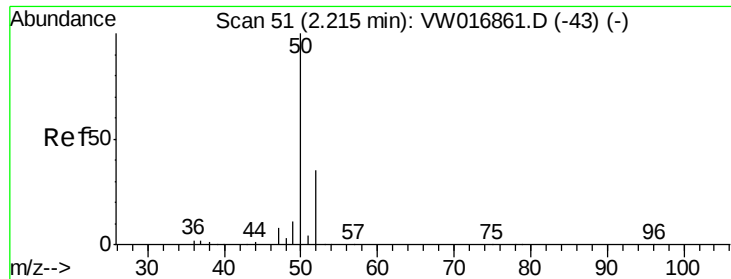
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 21.689 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

Tot Ion: 50 Resp: 50804

Ion Ratio Lower Upper

50 100

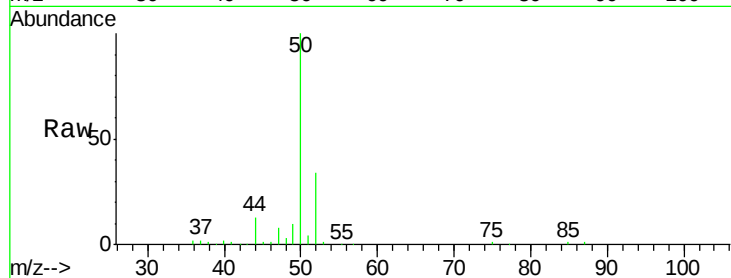
52 34.0 27.6 41.4

Manual Integrations

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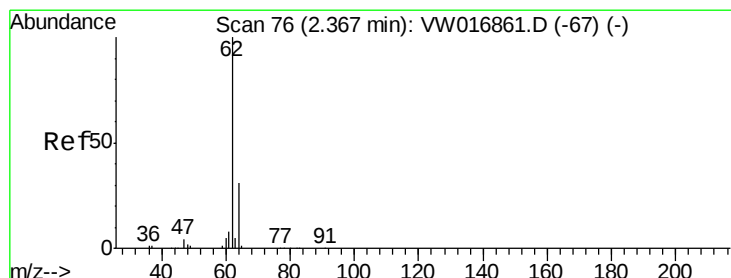
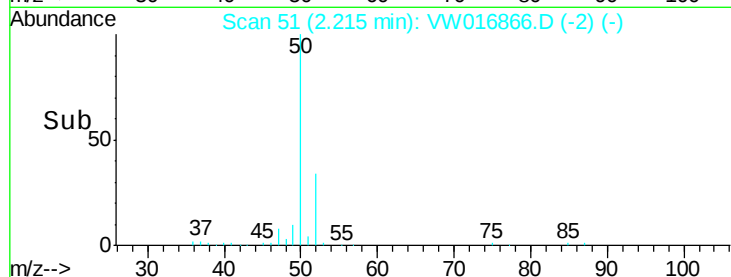
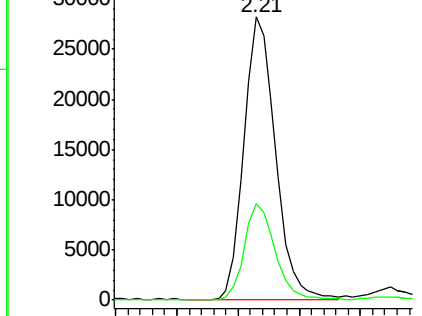
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 21.291 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016866.D

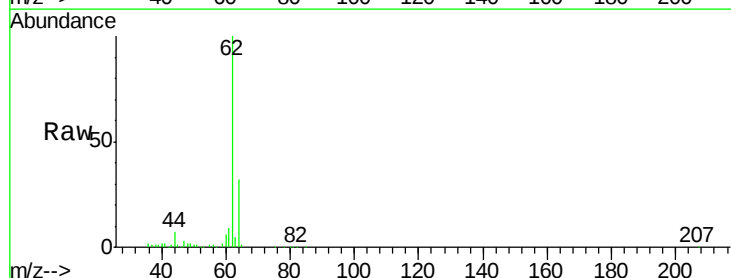
Acq: 09 Oct 2020 18:08

Tgt Ion: 62 Resp: 72117

Ion Ratio Lower Upper

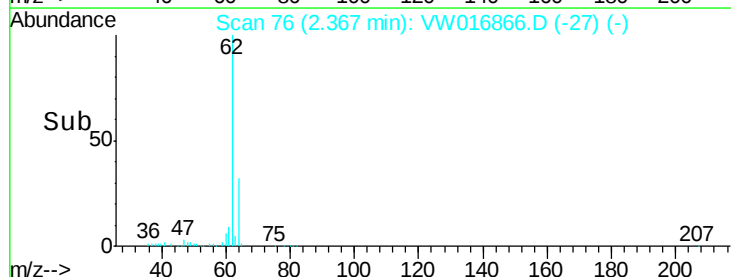
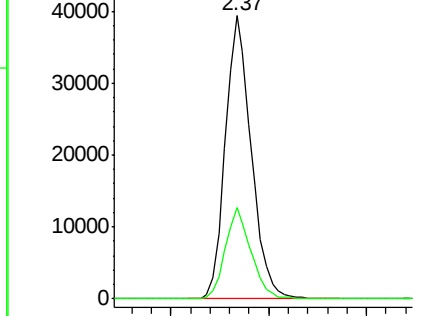
62 100

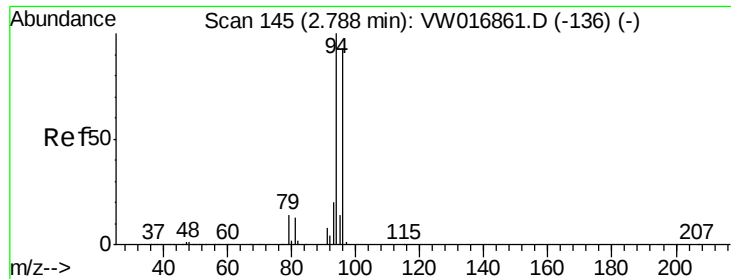
64 32.1 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 21.165 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016866.D

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Tot Ion: 94 Resp: 55060

Ion Ratio Lower Upper

94 100

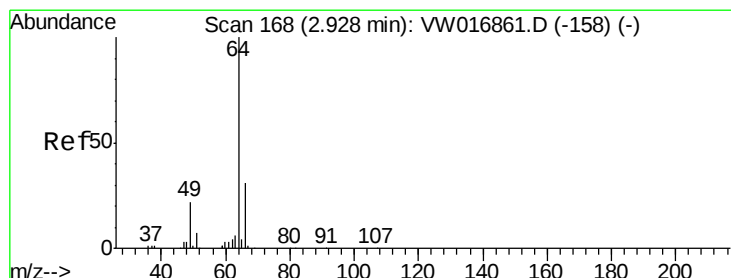
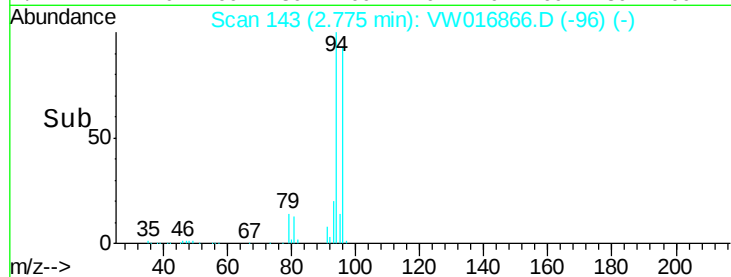
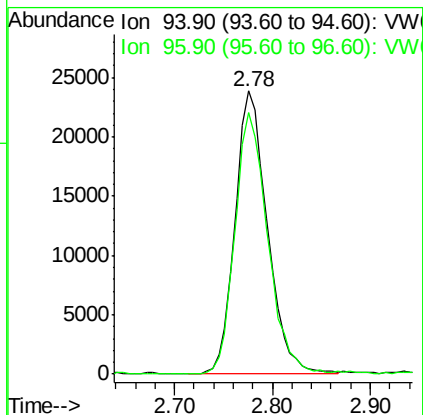
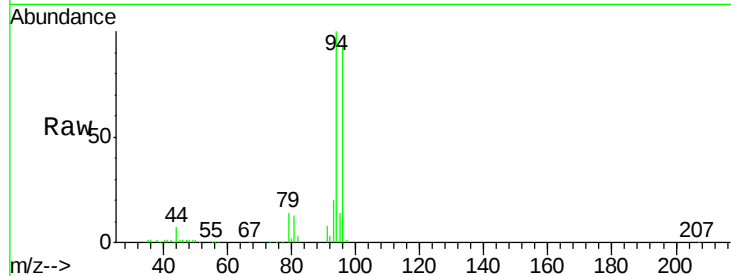
96 92.6 74.7 112.1

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#6

Chloroethane

Concen: 21.257 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016866.D

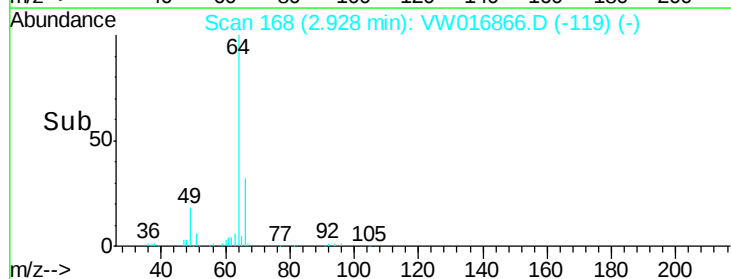
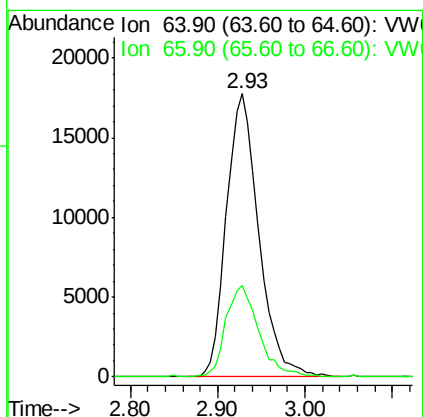
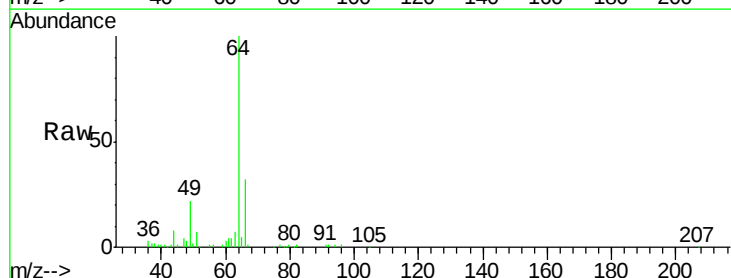
Acq: 09 Oct 2020 18:08

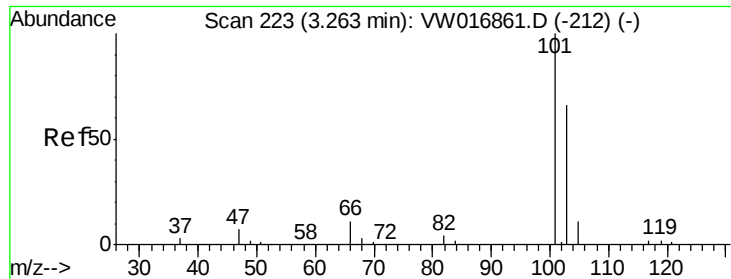
Tgt Ion: 64 Resp: 45821

Ion Ratio Lower Upper

64 100

66 32.1 25.0 37.6





#7

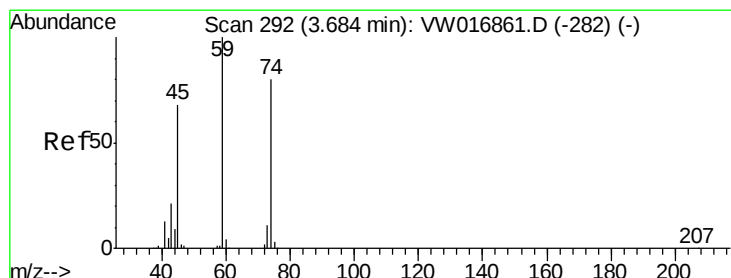
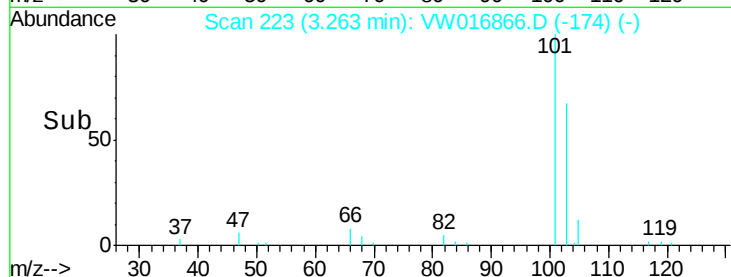
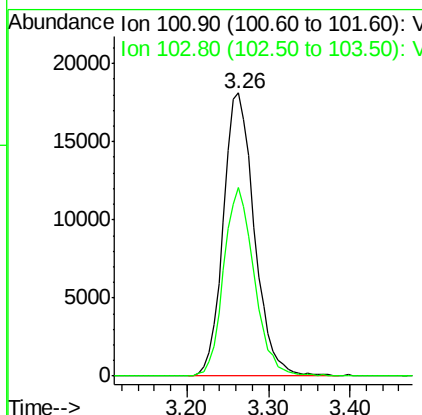
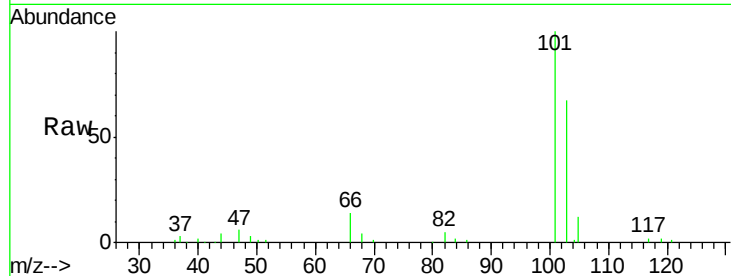
Trichlorofluoromethane
Concen: 19.346 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW016866.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	52.6	79.0

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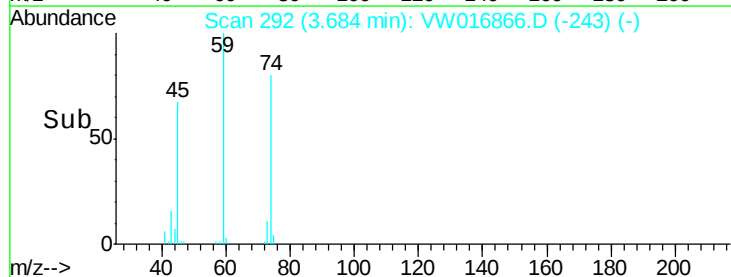
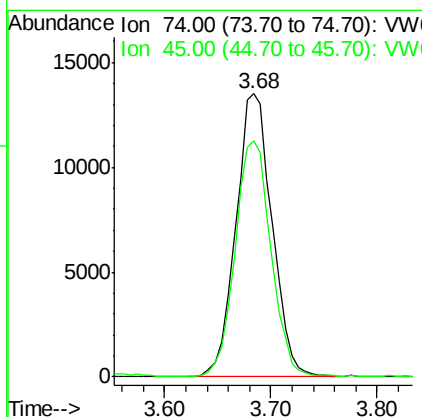
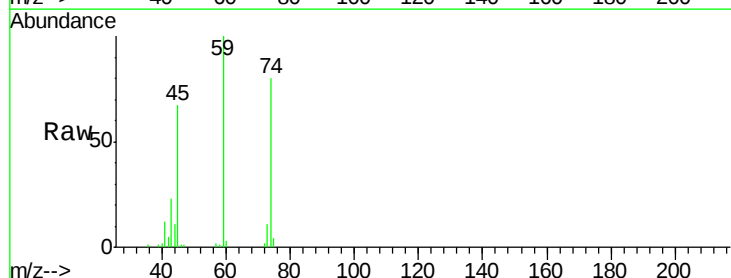
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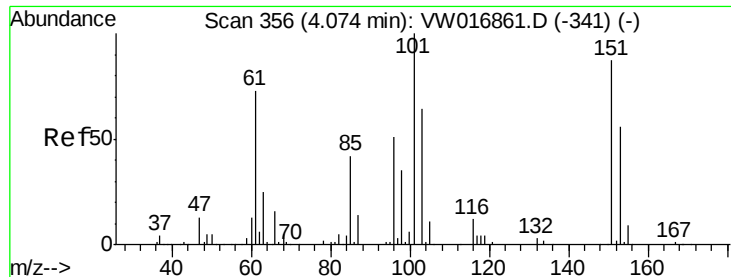


#8

Diethyl Ether
Concen: 20.906 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW016866.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.9	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.653 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

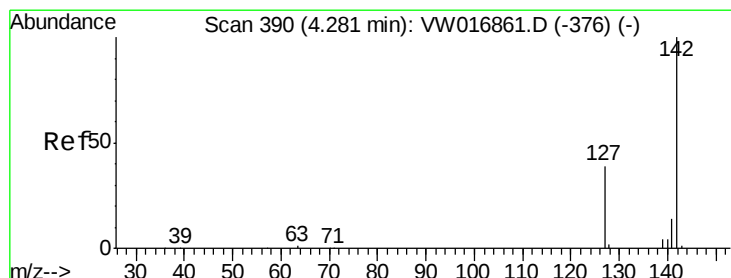
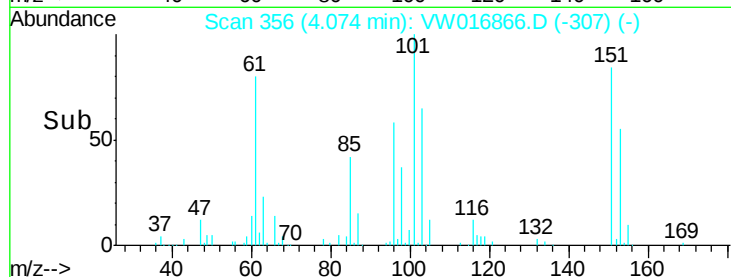
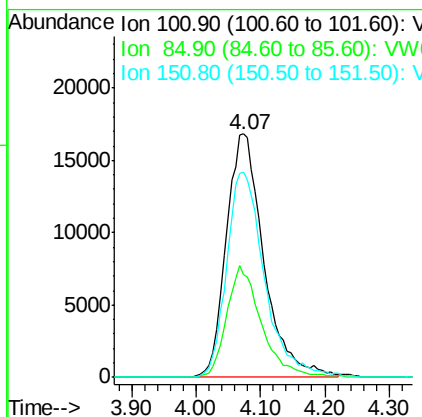
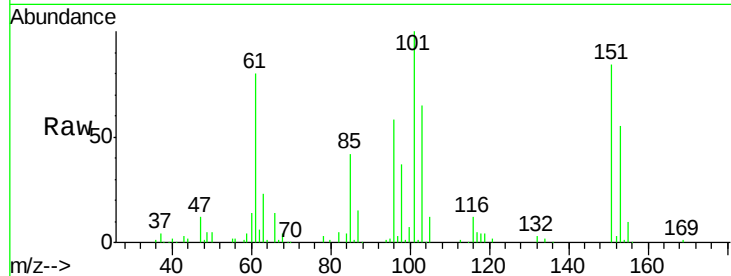
ClientSampleId :

VW1010SBS01

Tot Ion:	101	Resp:	68582
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.2	49.8
151	84.9	66.6	100.0

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#10

Methyl Iodide

Concen: 21.374 ug/l

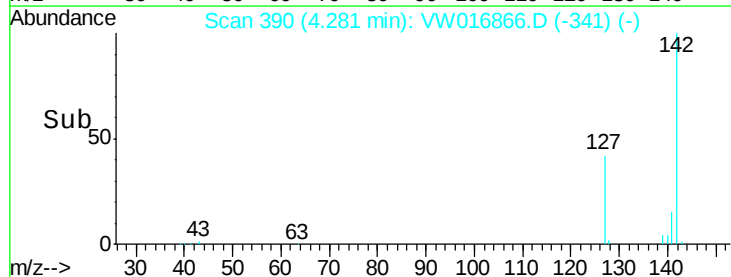
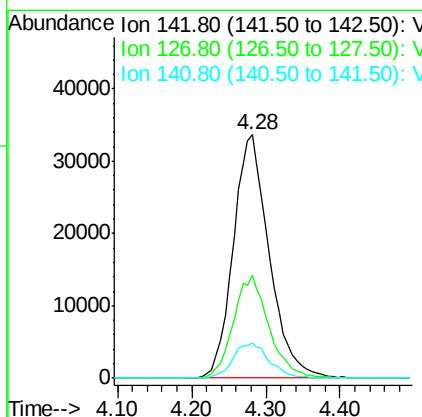
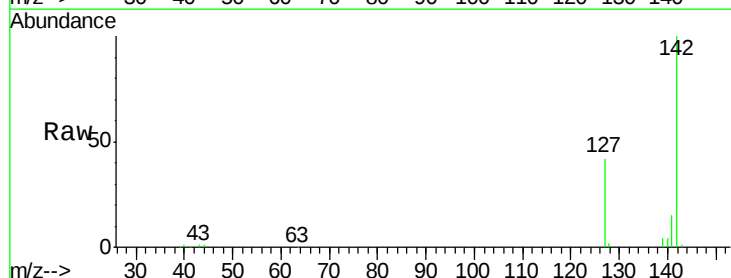
RT: 4.28 min Scan# 390

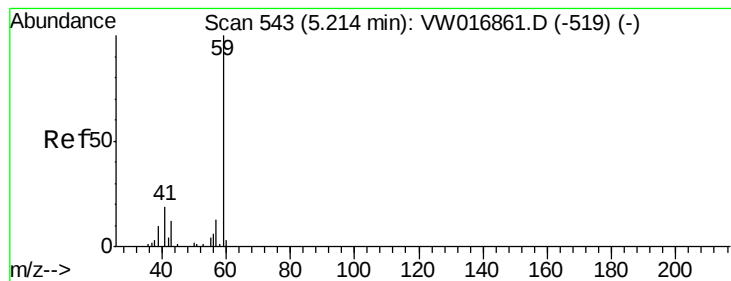
Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Tgt Ion:	142	Resp:	113469
Ion Ratio	Lower	Upper	
142	100		
127	41.8	32.4	48.6
141	14.5	11.4	17.0





#11

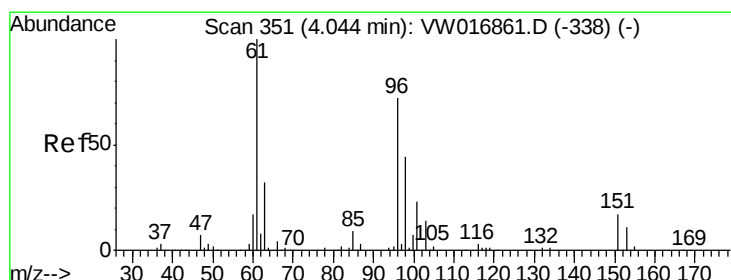
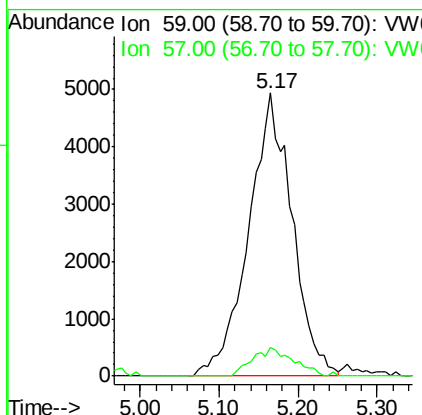
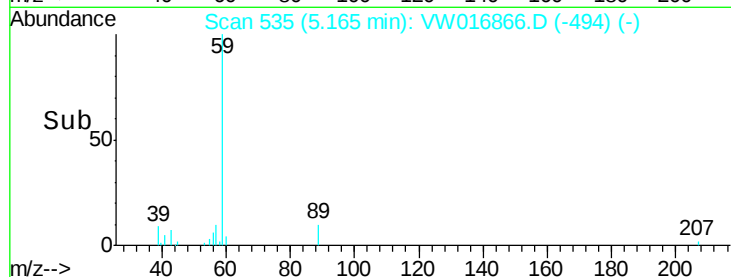
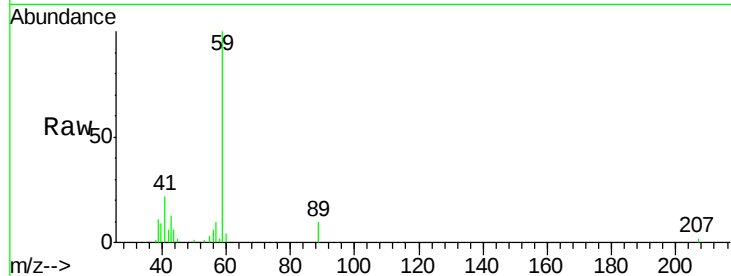
Tert butyl alcohol
Concen: 121.216 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.05 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion: 59 Resp: 18873
Ion Ratio Lower Upper
59 100
57 9.5 4.7 7.1#

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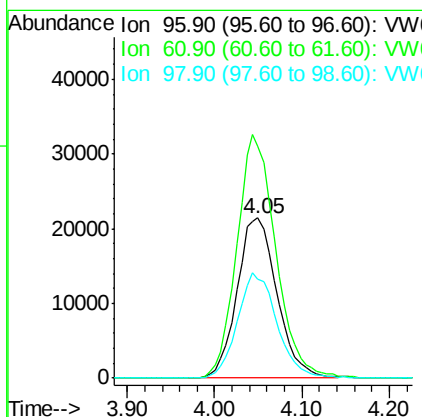
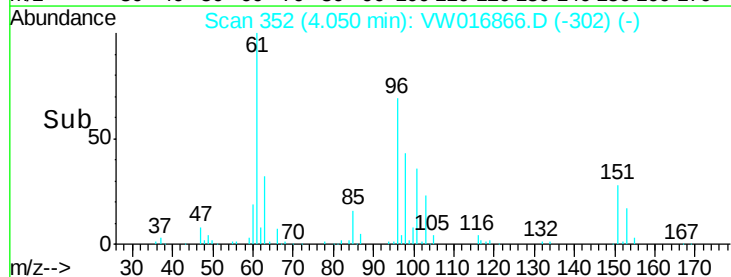
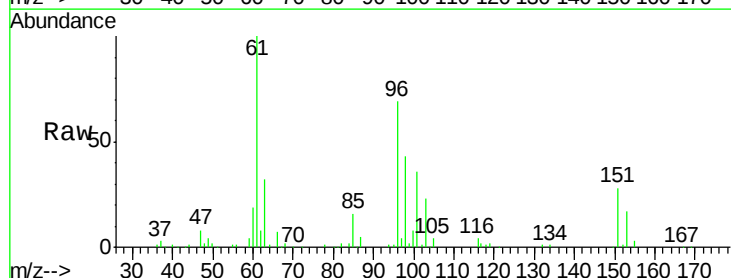
MMDadoda
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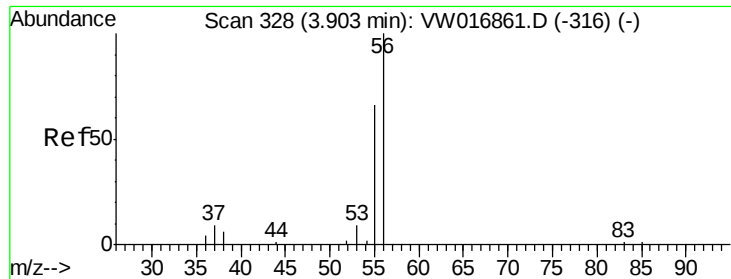


#12

1,1-Dichloroethene
Concen: 20.779 ug/l
RT: 4.05 min Scan# 352
Delta R.T. 0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion: 96 Resp: 68106
Ion Ratio Lower Upper
96 100
61 145.0 111.7 167.5
98 62.3 49.0 73.4





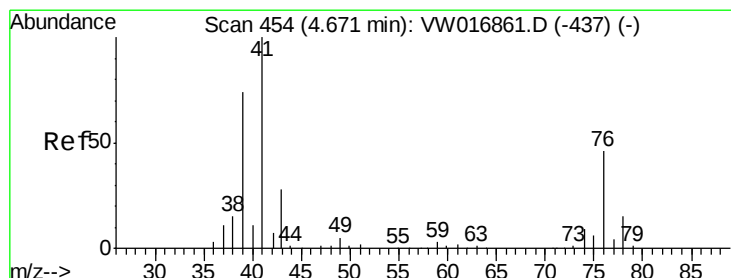
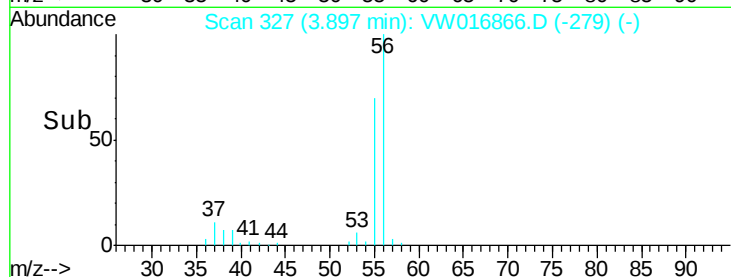
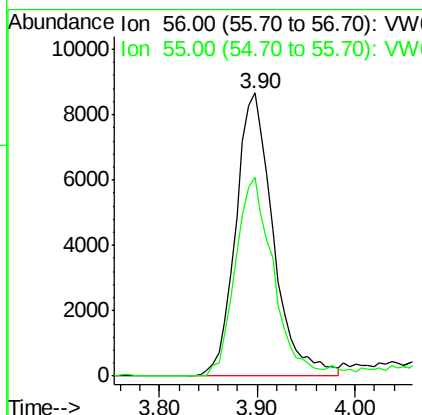
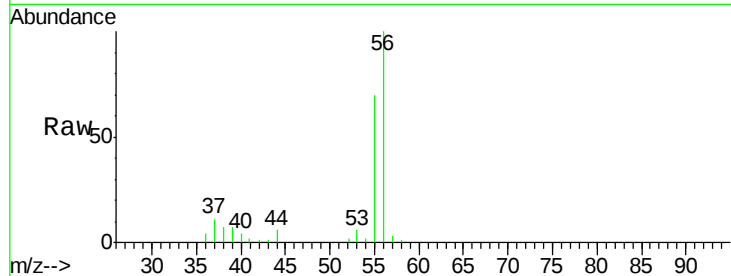
#13
Acrolein
Concen: 109.388 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.0	55.9	83.9

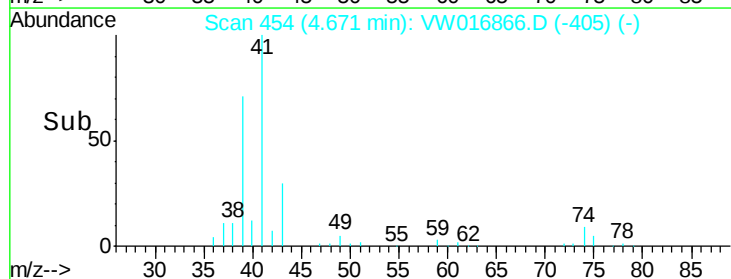
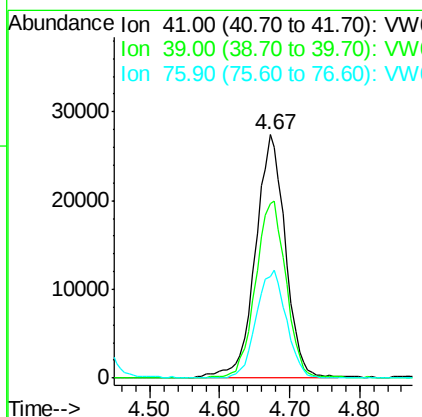
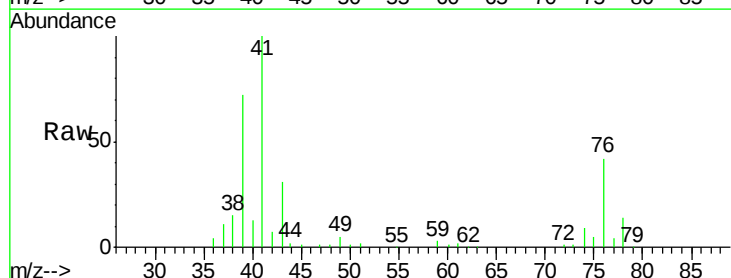
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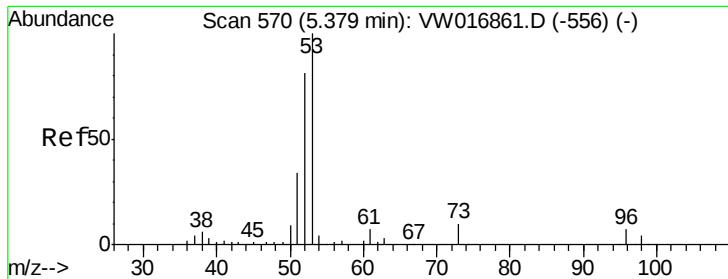
MMDadoda
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#14
Allyl chloride
Concen: 20.834 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
41	100		
39	74.2	57.8	86.8
76	44.2	35.1	52.7





#15

Acrylonitrile

Concen: 102.704 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

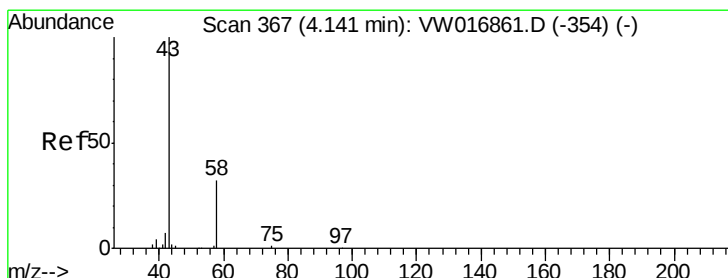
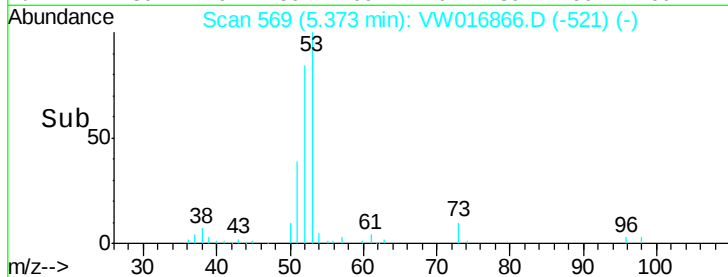
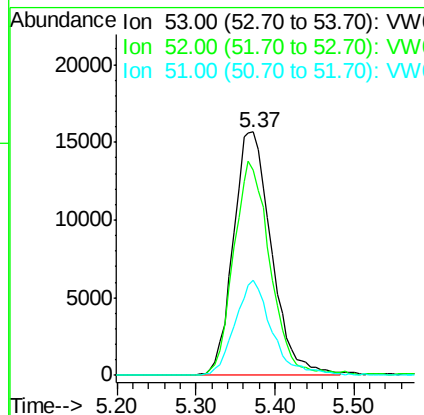
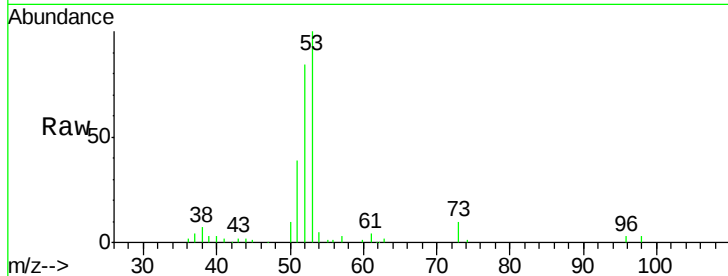
ClientSampleId :

VW1010SBS01

Tot Ion:	53	Resp:	52658
Ion Ratio	Lower	Upper	
53	100		
52	84.4	65.0	97.4
51	37.7	29.1	43.7

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#16

Acetone

Concen: 96.086 ug/l

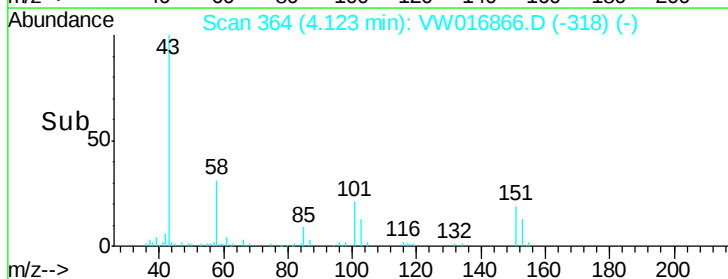
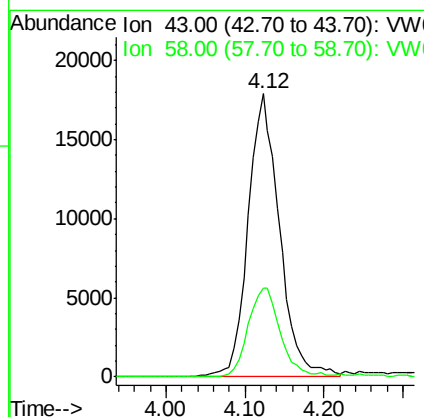
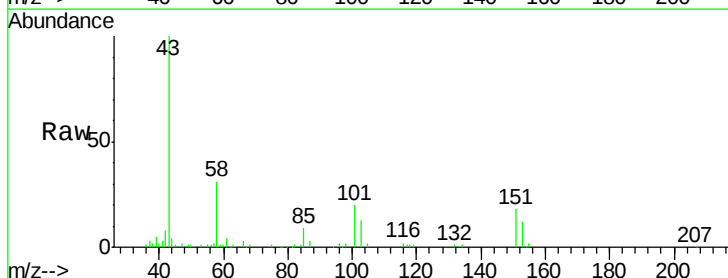
RT: 4.12 min Scan# 364

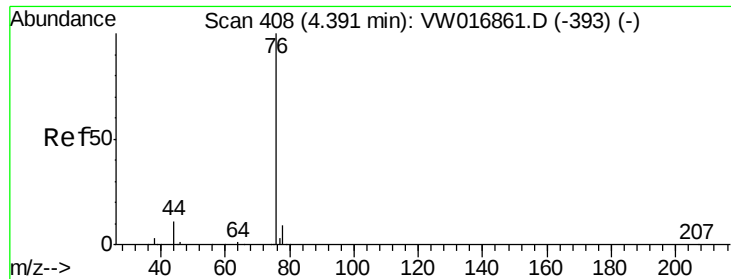
Delta R.T. -0.02 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Tgt Ion:	43	Resp:	49579
Ion Ratio	Lower	Upper	
43	100		
58	31.3	25.7	38.5





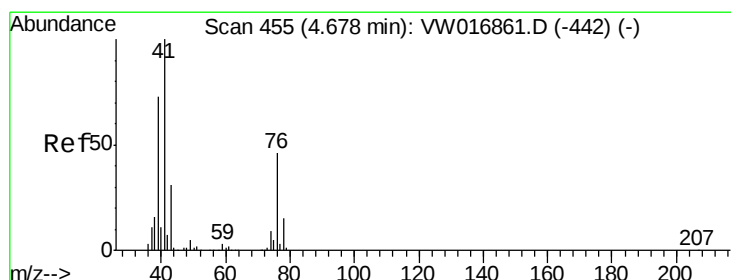
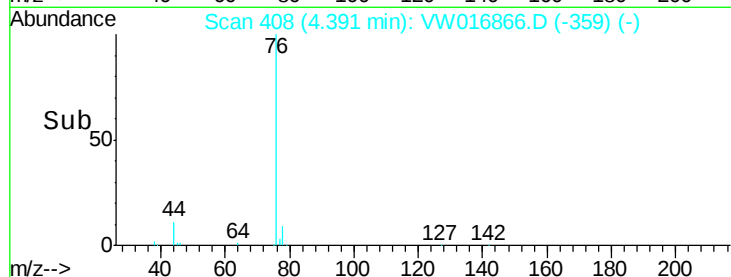
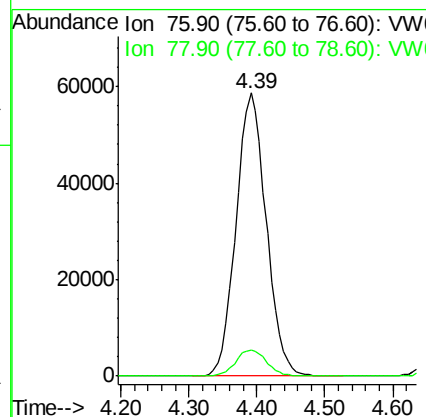
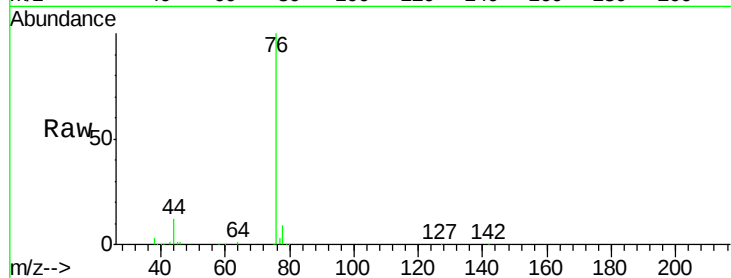
#17
Carbon Disulfide
Concen: 20.719 ug/l
RT: 4.39 min Scan# 408
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

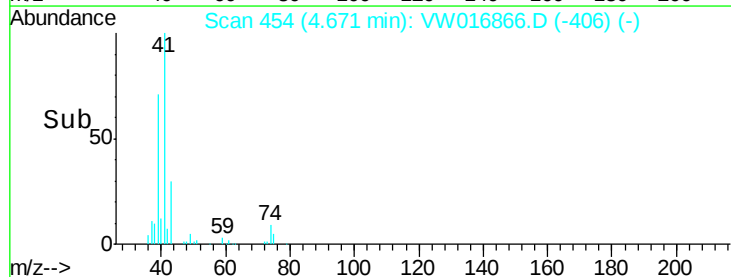
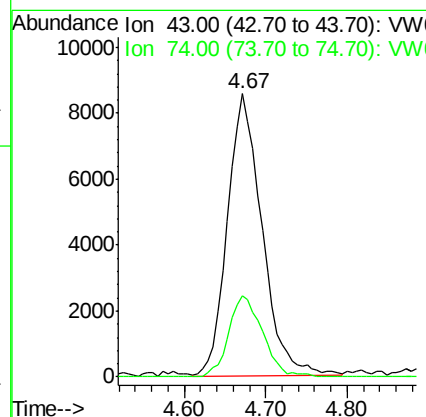
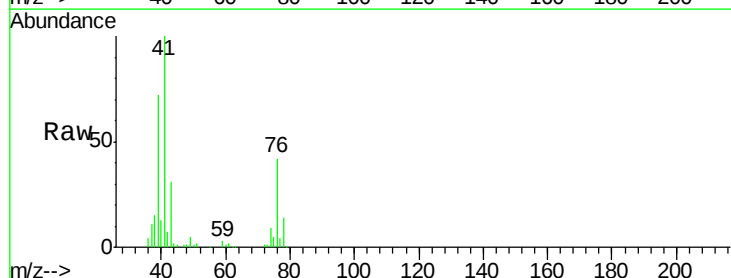
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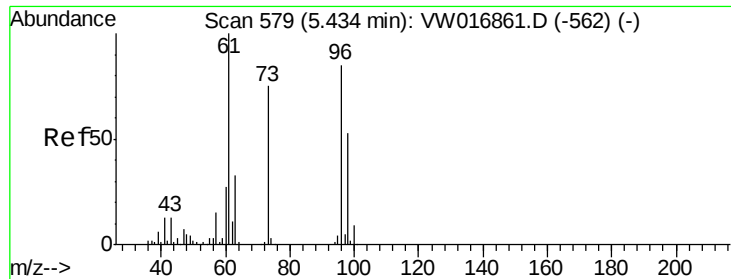
MMDadoda
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#18
Methyl Acetate
Concen: 21.237 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.1	23.8	35.6





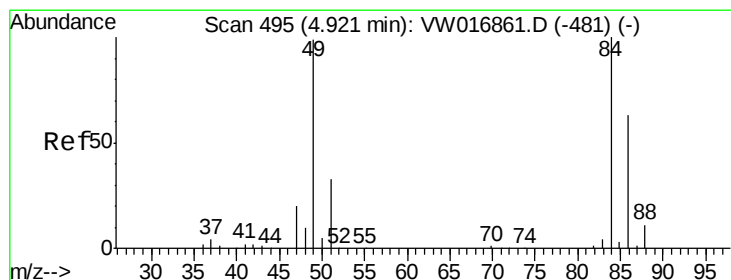
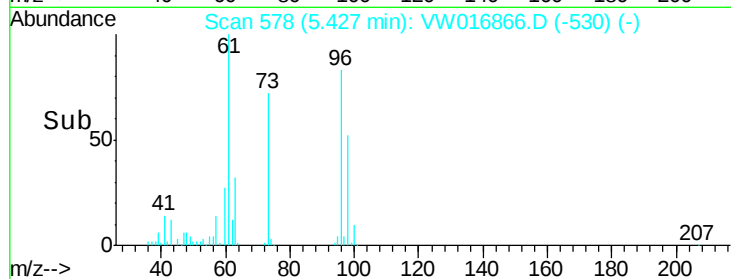
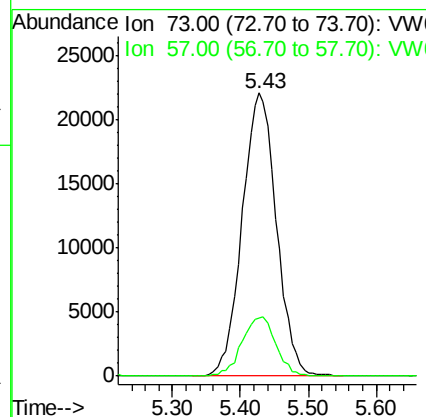
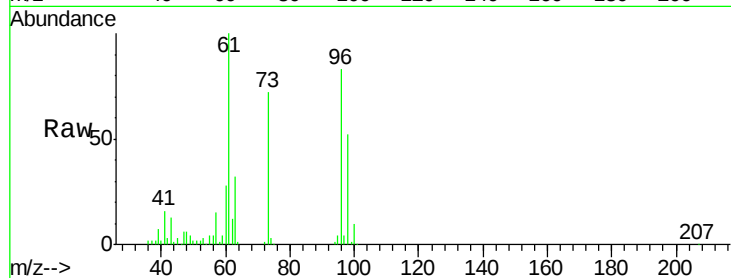
#19
Methyl tert-butyl Ether
Concen: 21.845 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion: 73 Resp: 77170
Ion Ratio Lower Upper
73 100
57 20.4 16.1 24.1

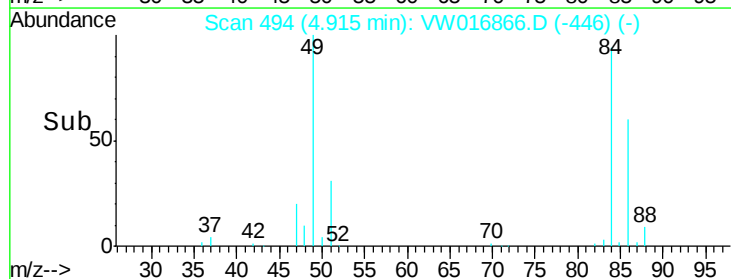
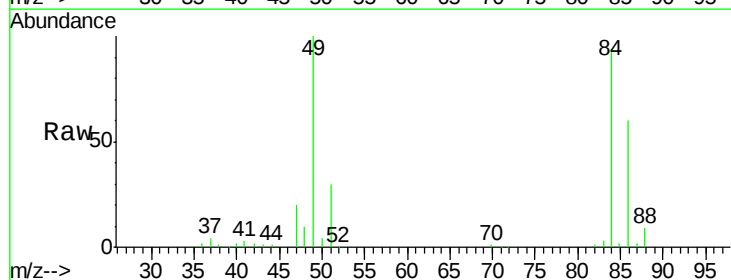
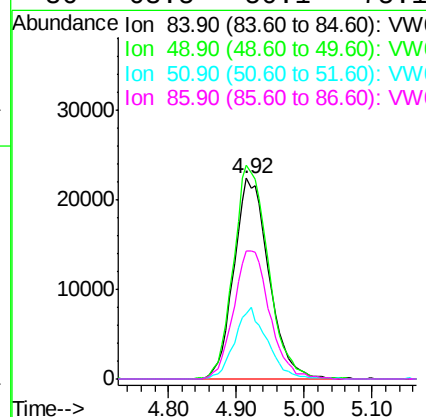
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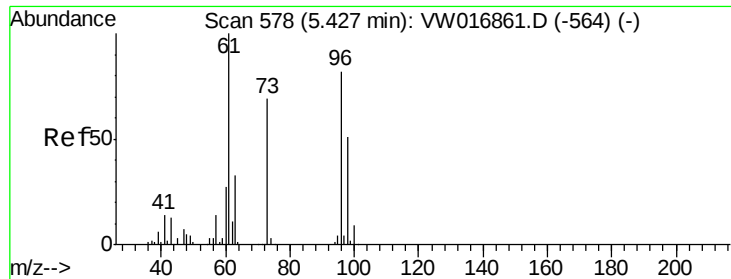
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#20
Methylene Chloride
Concen: 20.294 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion: 84 Resp: 79900
Ion Ratio Lower Upper
84 100
49 106.4 79.0 118.6
51 32.3 26.1 39.1
86 63.5 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 21.053 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

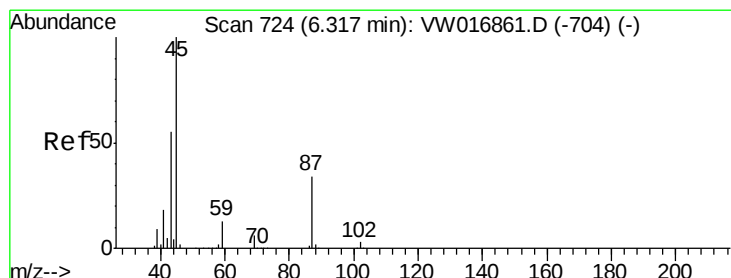
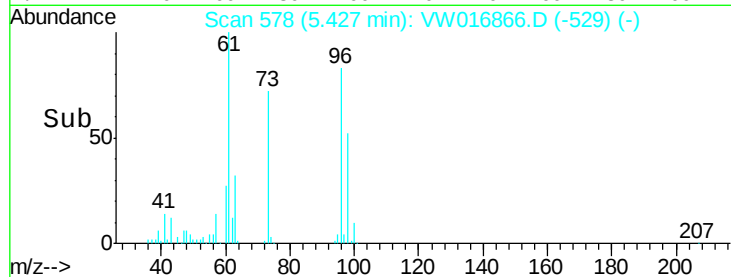
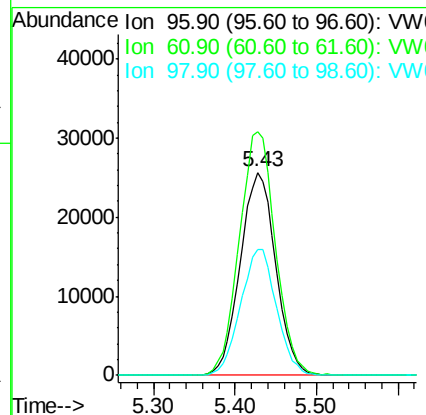
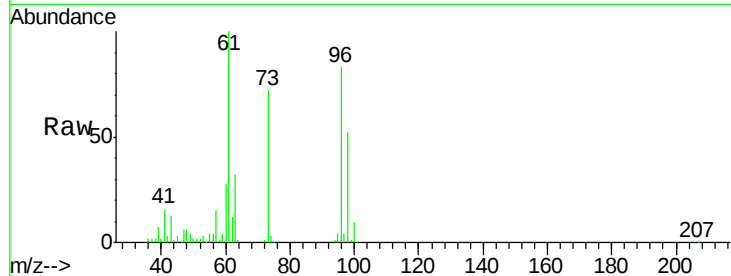
ClientSampleId :

VW1010SBS01

Tot Ion:	96	Resp:	77465
Ion	Ratio	Lower	Upper
96	100		
61	120.0	97.4	146.0
98	62.3	49.4	74.0

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#22

Diisopropyl ether

Concen: 21.684 ug/l

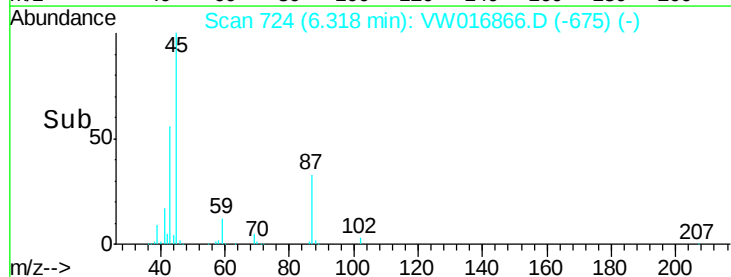
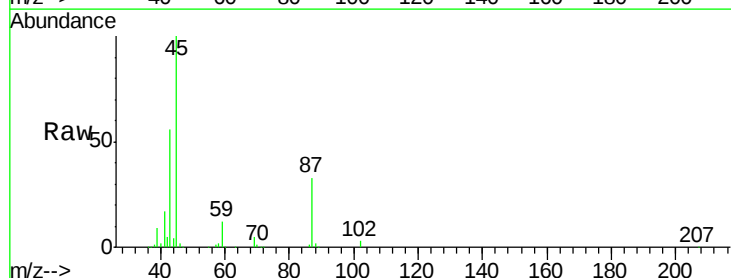
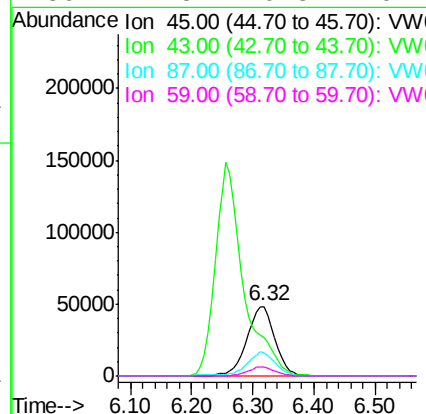
RT: 6.32 min Scan# 724

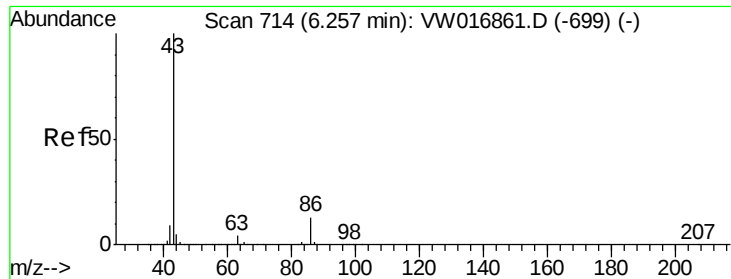
Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Tgt Ion:	45	Resp:	154621
Ion	Ratio	Lower	Upper
45	100		
43	55.3	43.8	65.8
87	32.6	27.6	41.4
59	12.3	10.8	16.2





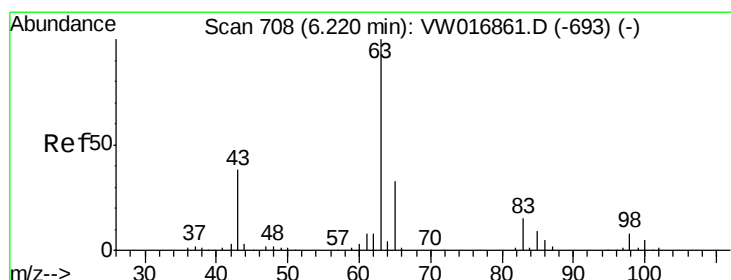
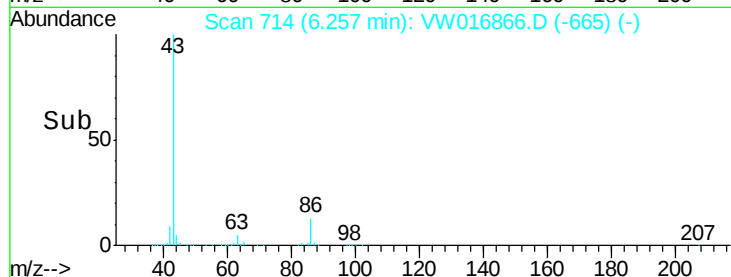
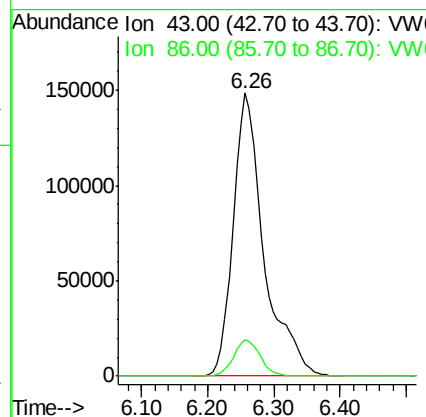
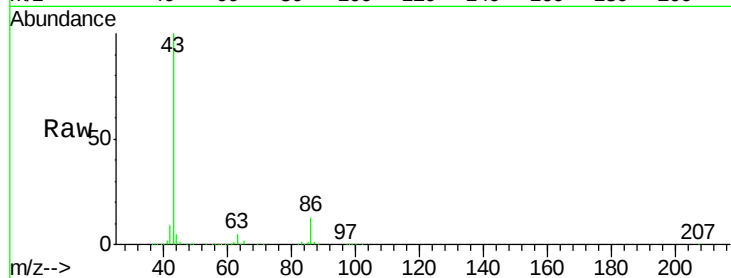
#23
 Vinyl Acetate
 Concen: 104.810 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion: 43 Resp: 478892
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.2 15.4

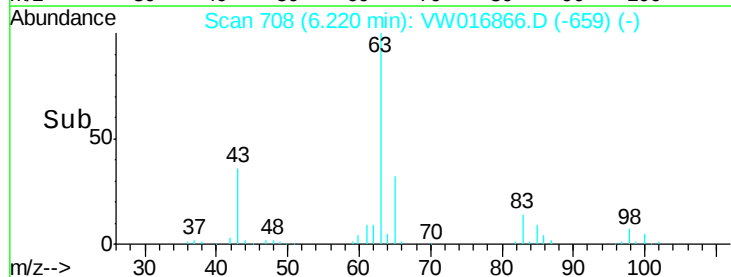
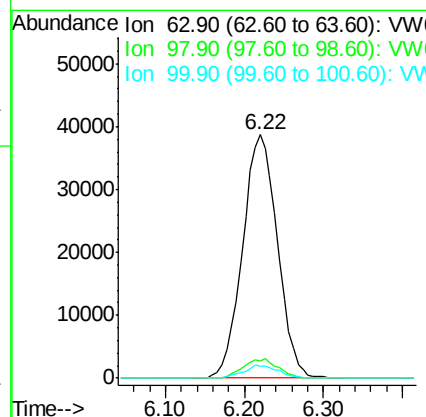
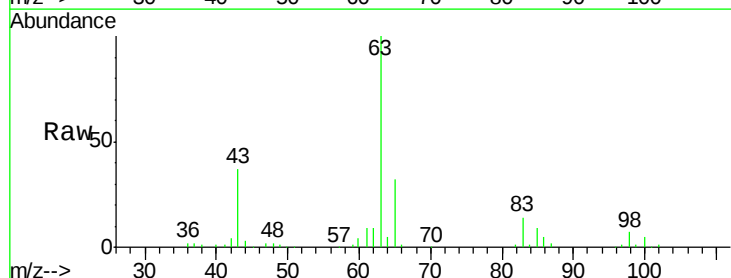
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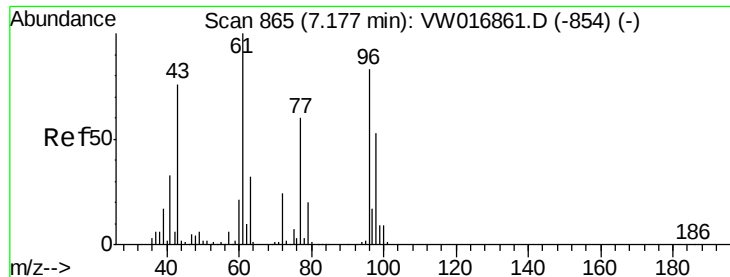
MMDadoda
 10/12/2020 4:20:46 PM



#24
 1,1-Dichloroethane
 Concen: 21.005 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion: 63 Resp: 118770
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.2 12.6
 100 4.9 2.6 7.8





#25

2-Butanone

Concen: 105.368 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

Tot Ion: 43 Resp: 72482

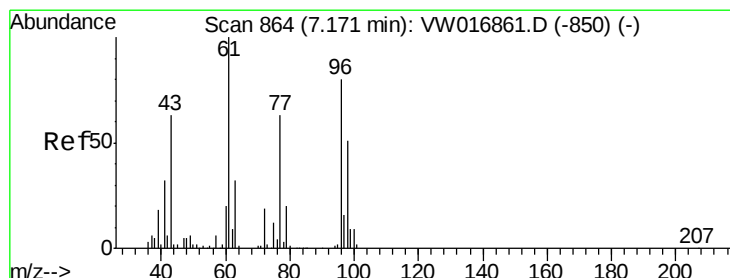
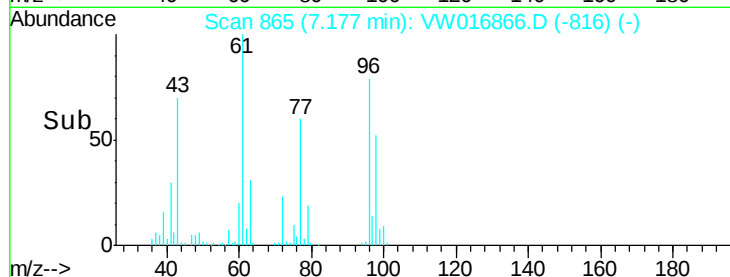
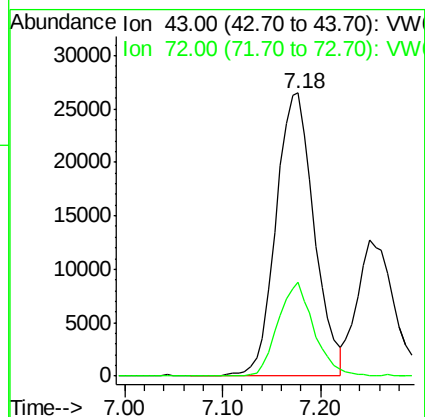
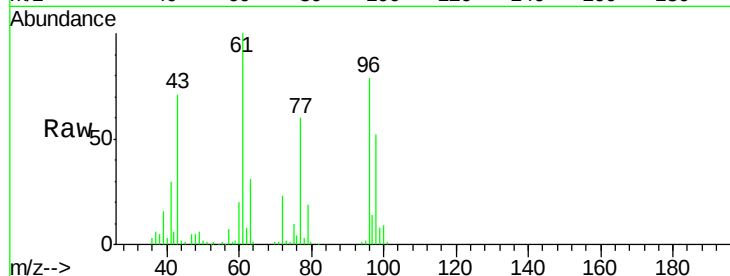
Ion Ratio Lower Upper

43 100

72 33.0 25.4 38.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.439 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016866.D

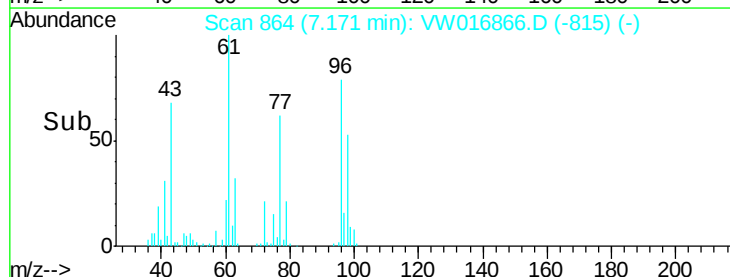
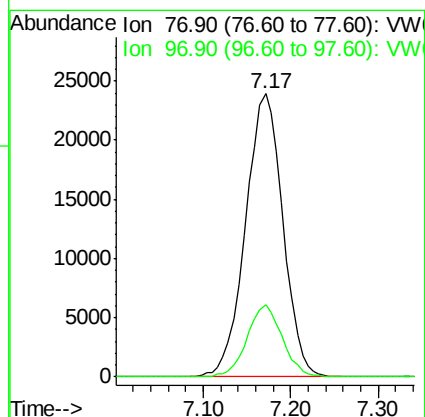
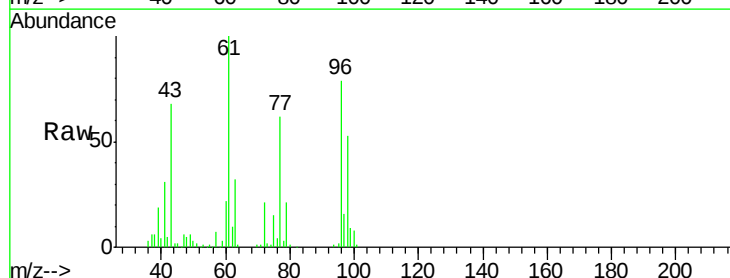
Acq: 09 Oct 2020 18:08

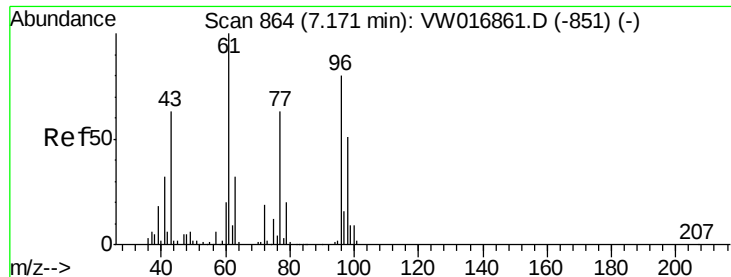
Tgt Ion: 77 Resp: 70707

Ion Ratio Lower Upper

77 100

97 23.8 12.4 37.4





#27

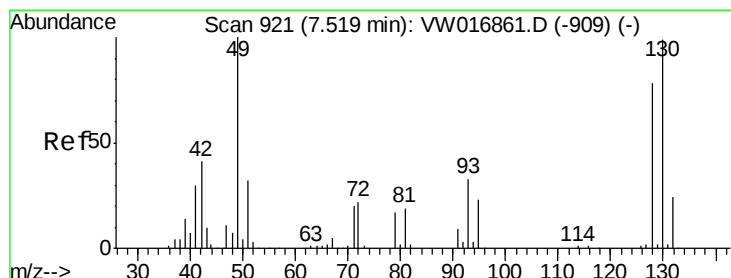
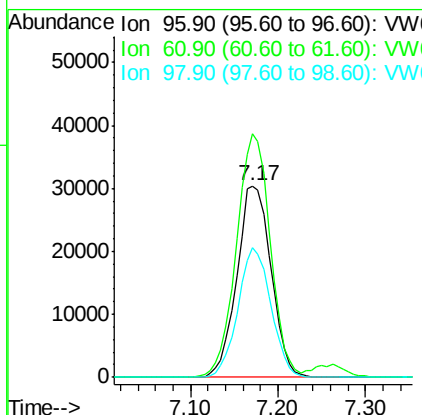
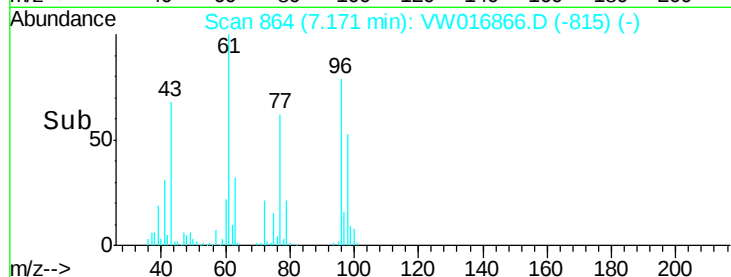
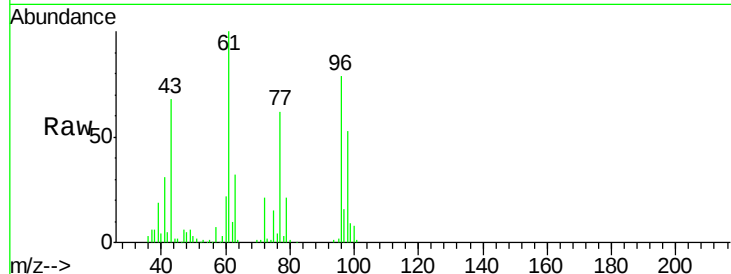
cis-1,2-Dichloroethene
Concen: 20.986 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.7	0.0	249.6
98	65.3	0.0	129.4

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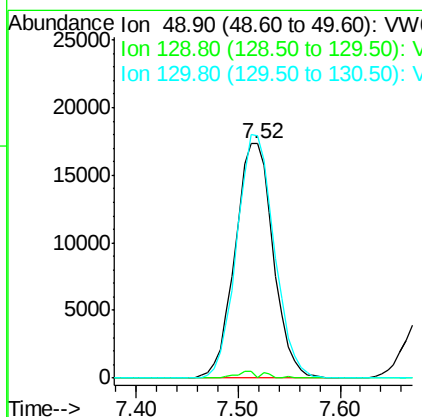
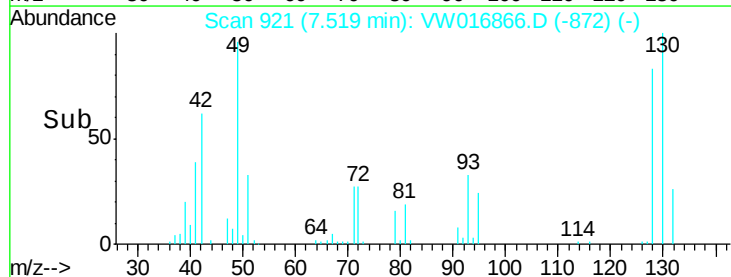
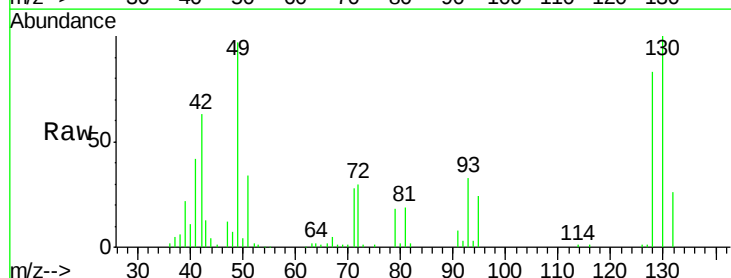
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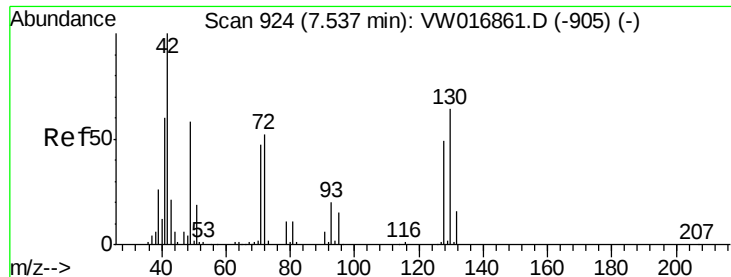


#28

Bromochloromethane
Concen: 19.862 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.8
130	102.1	81.3	121.9





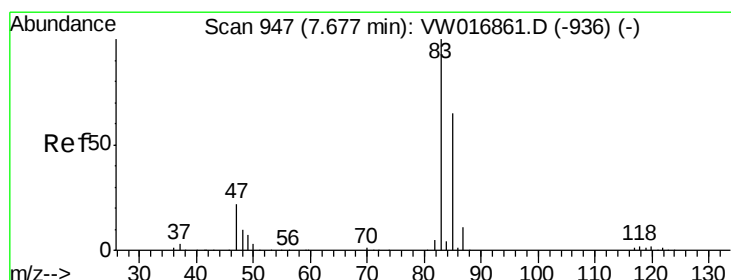
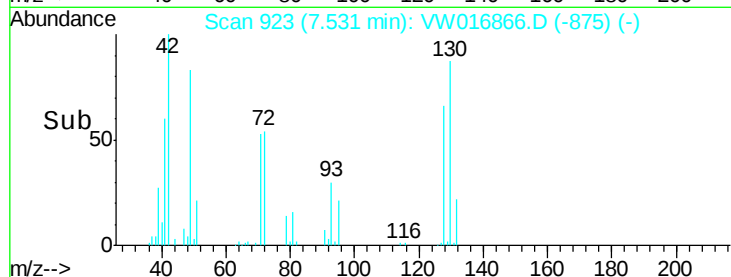
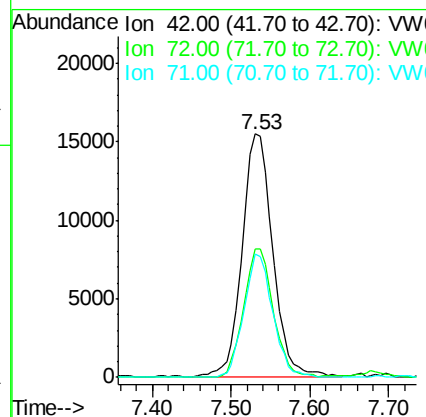
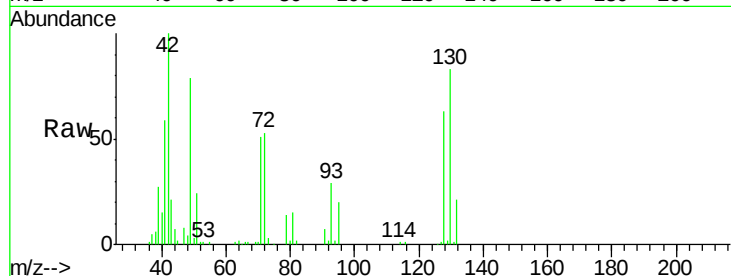
#29
Tetrahydrofuran
Concen: 109.520 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.9	42.0	63.0
71	47.3	39.0	58.6

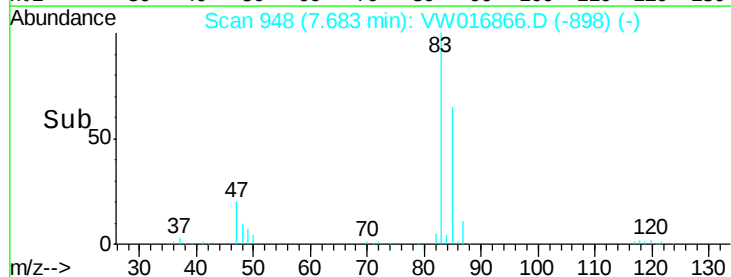
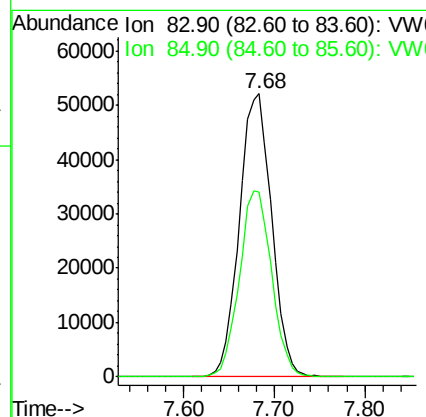
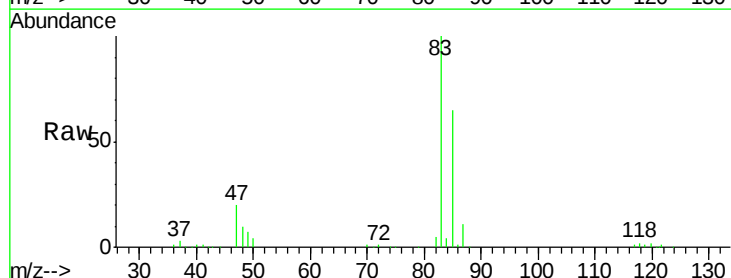
Manual Integrations
APPROVED

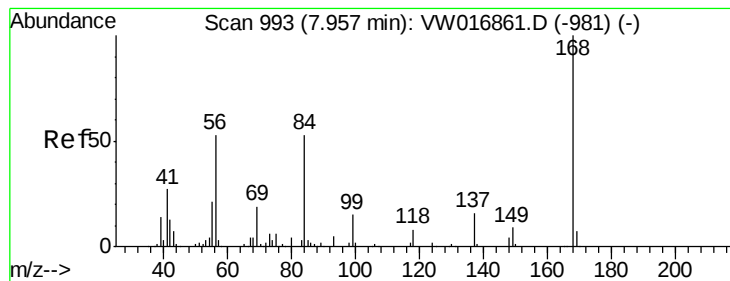
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#30
Chloroform
Concen: 20.970 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.7	77.5





#31

Cyclohexane

Concen: 20.183 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

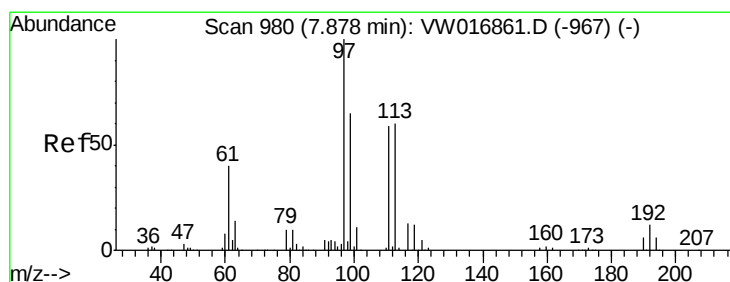
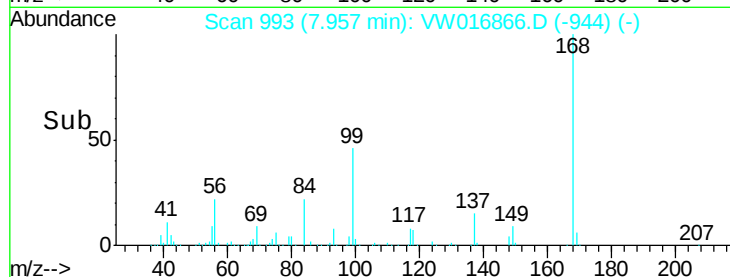
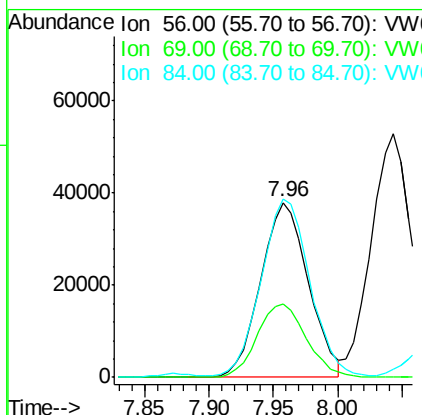
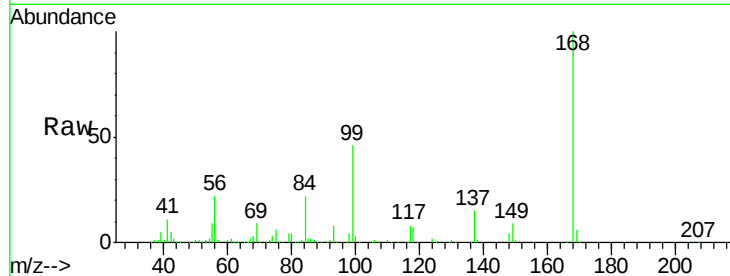
ClientSampleId :

VW1010SBS01

Tot Ion:	56	Resp:	97343
Ion Ratio	Lower	Upper	
56	100		
69	42.1	29.3	43.9
84	100.4	80.5	120.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.777 ug/l

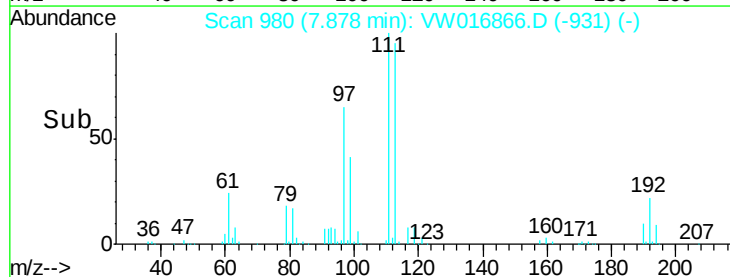
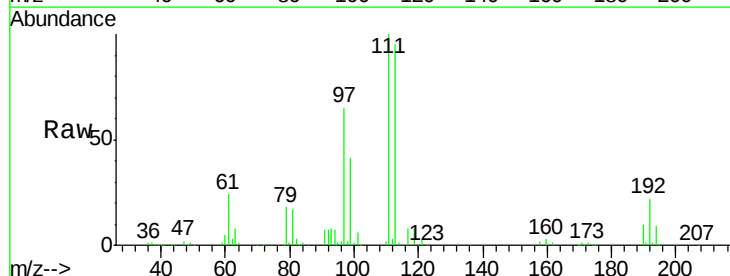
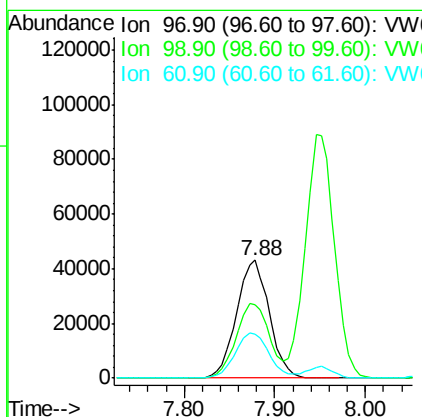
RT: 7.88 min Scan# 980

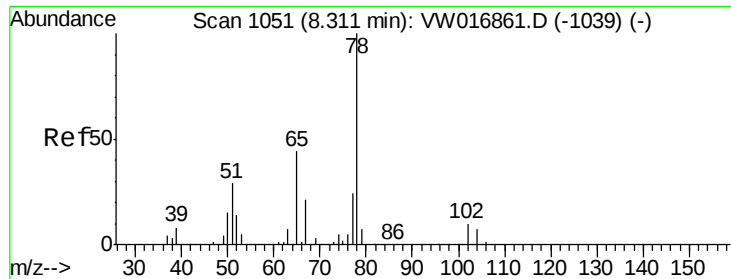
Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Tgt Ion:	97	Resp:	107728
Ion Ratio	Lower	Upper	
97	100		
99	64.5	52.4	78.6
61	40.3	31.9	47.9





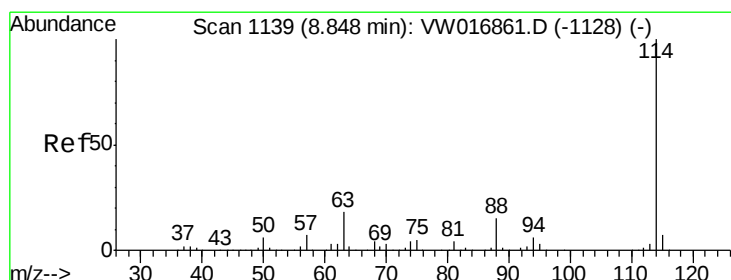
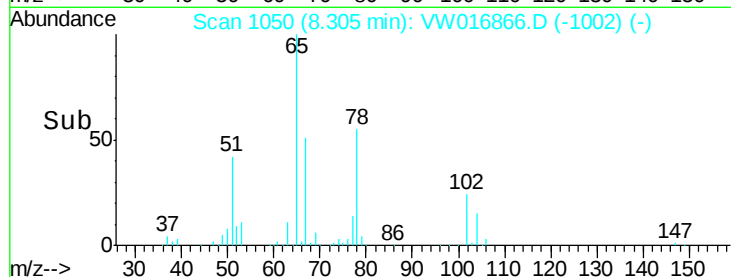
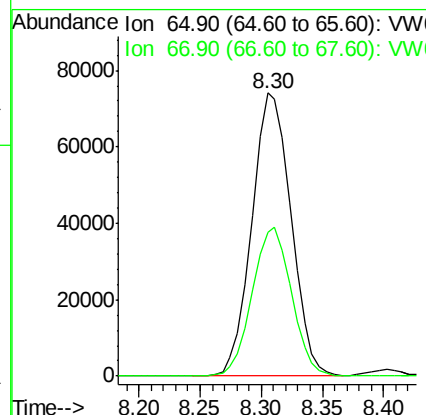
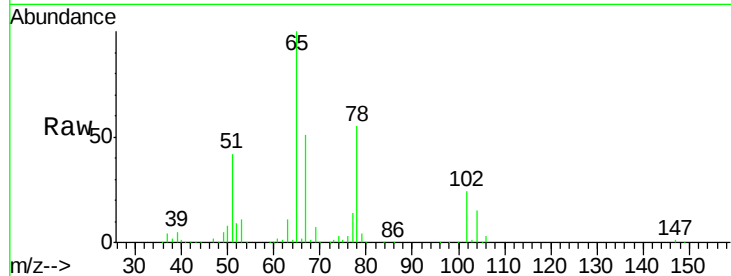
#33
 1,2-Dichloroethane-d4
 Concen: 51.958 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	165532		
67	52.6	0.0	103.8	

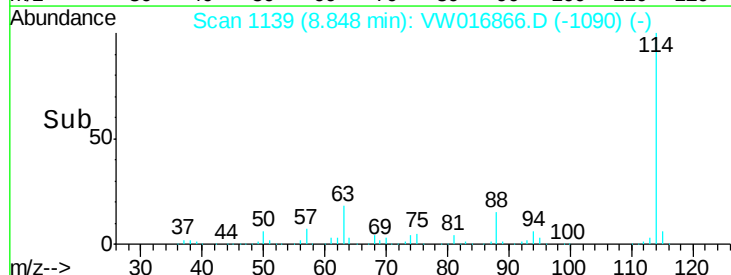
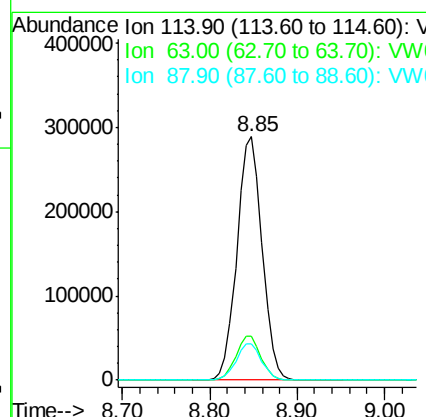
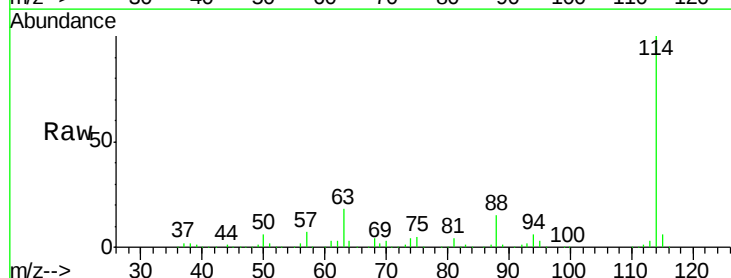
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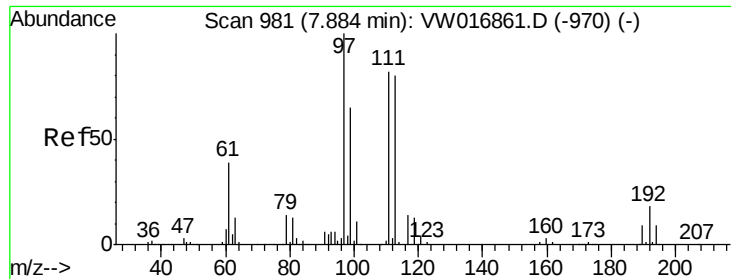
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	577579		
63	17.8	0.0	35.6	
88	15.0	0.0	30.4	





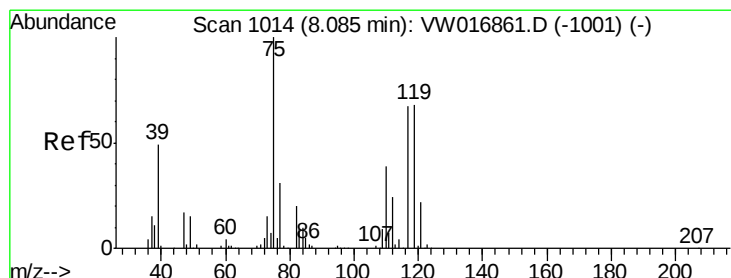
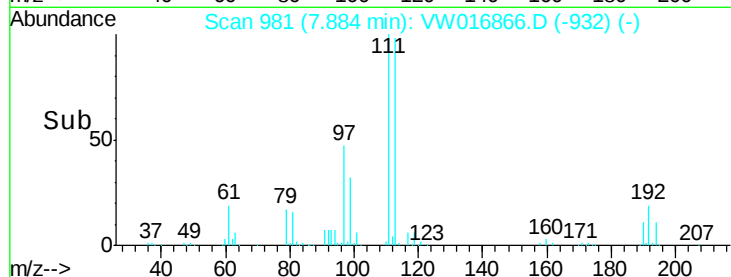
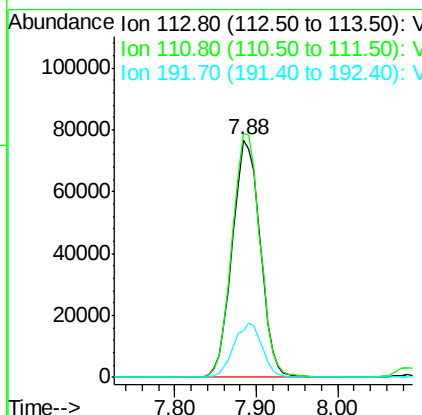
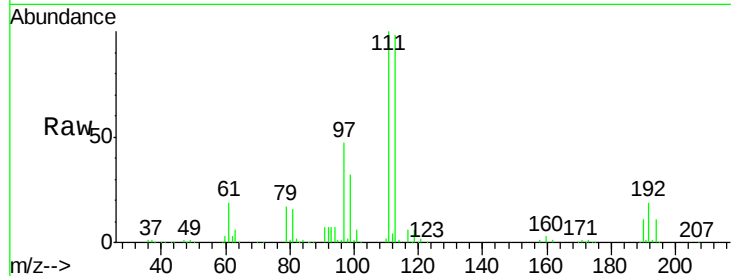
#35
 Dibromofluoromethane
 Concen: 51.110 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	180933		
111	103.2	81.4	122.2	
192	23.0	17.8	26.8	

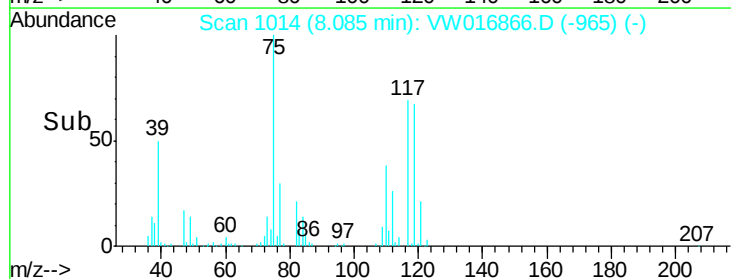
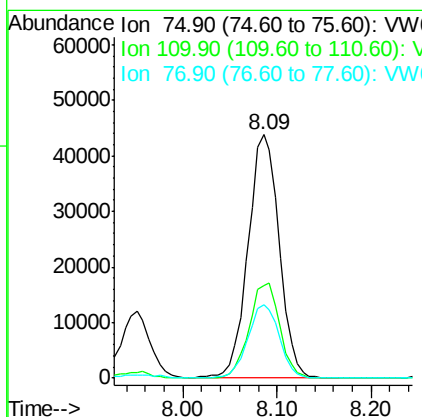
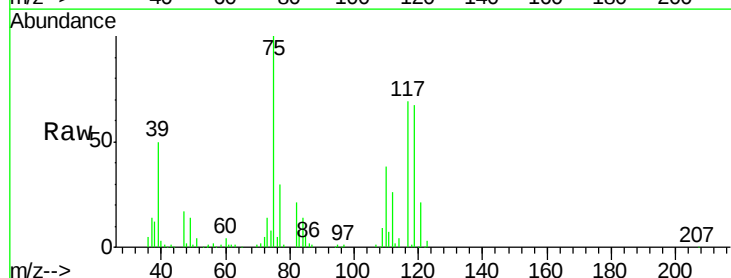
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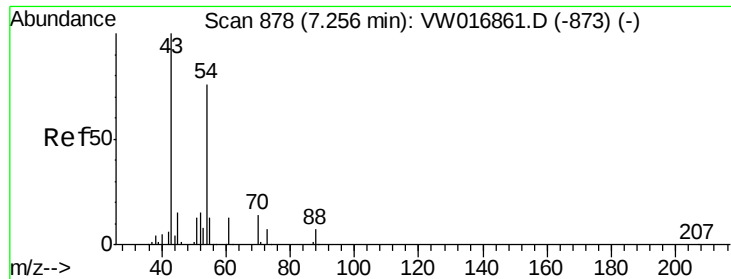
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#36
 1,1-Dichloropropene
 Concen: 20.206 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	100880		
110	38.5	19.3	57.9	
77	30.7	25.0	37.6	





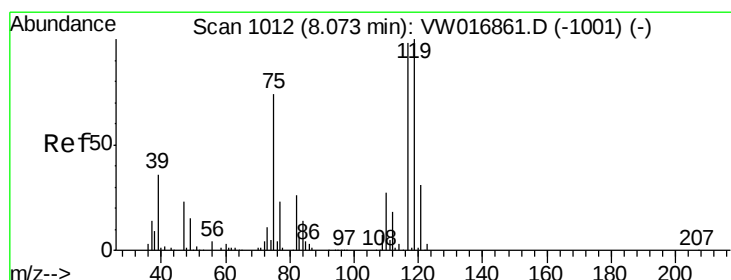
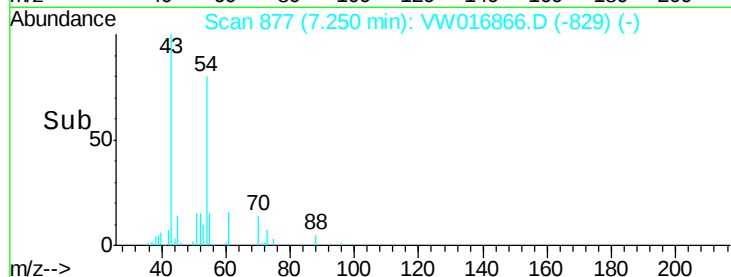
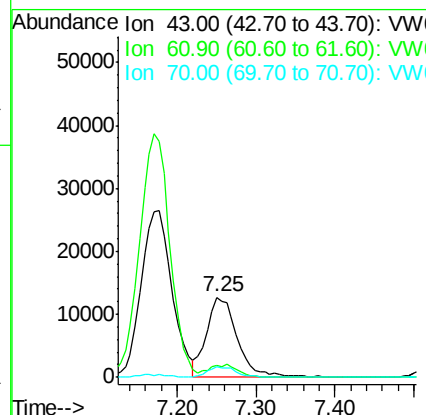
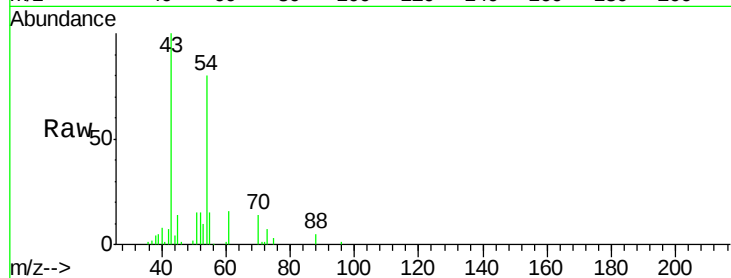
#37
Ethyl Acetate
Concen: 21.328 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.0	18.0
70	12.2	9.9	14.9

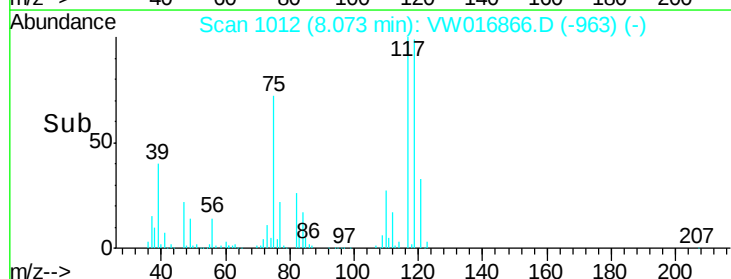
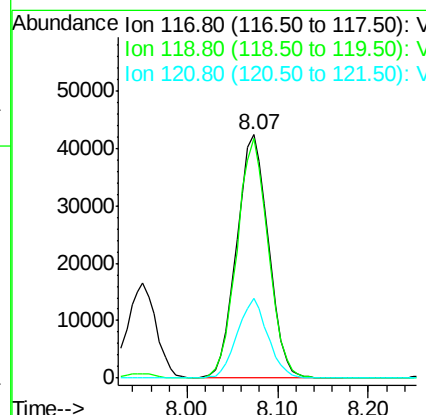
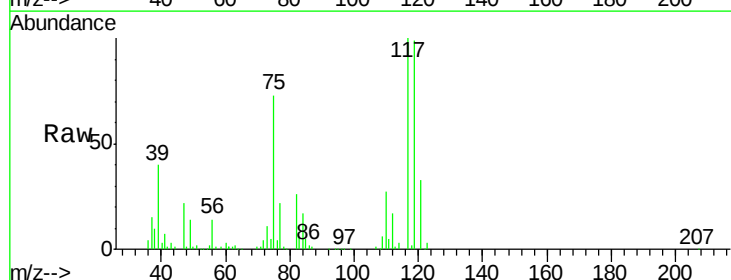
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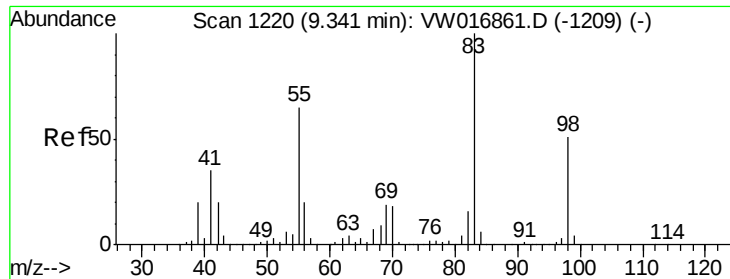
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#38
Carbon Tetrachloride
Concen: 19.867 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	81.6	122.4
121	33.0	25.7	38.5





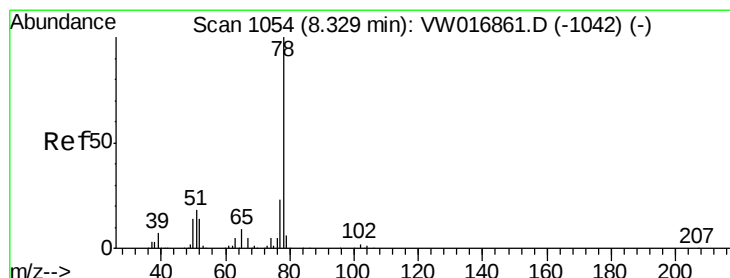
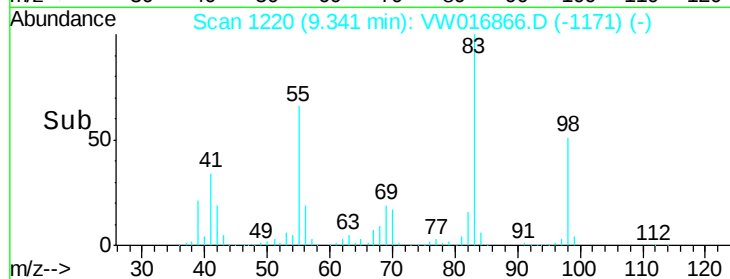
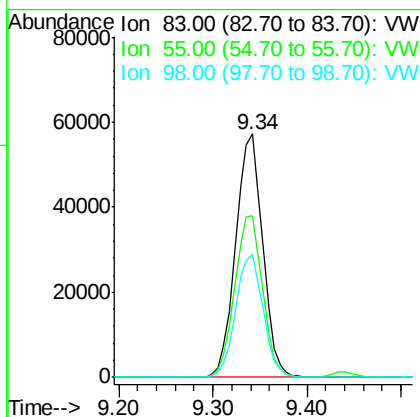
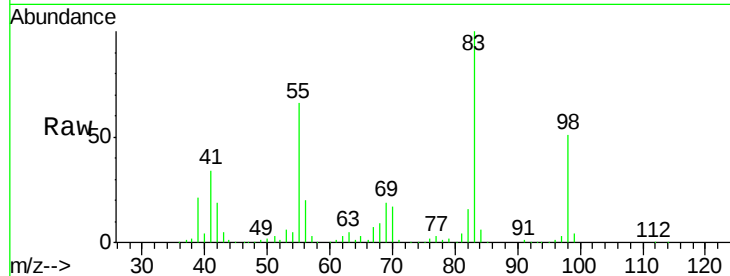
#39
Methvlcvclohexane
Concen: 20.117 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	83	Resp	114544
Ion Ratio	100	Lower	Upper
83	100		
55	66.4	51.7	77.5
98	50.8	41.0	61.4

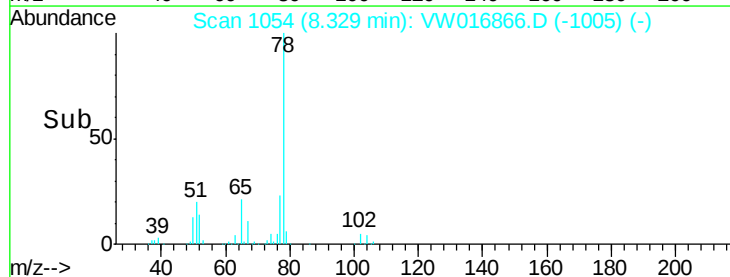
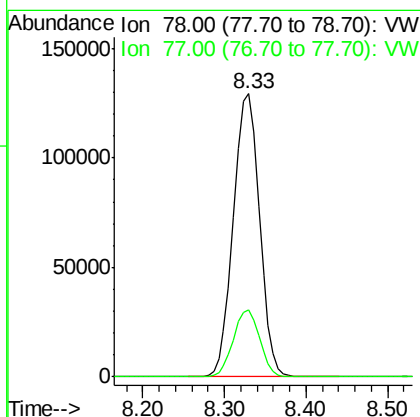
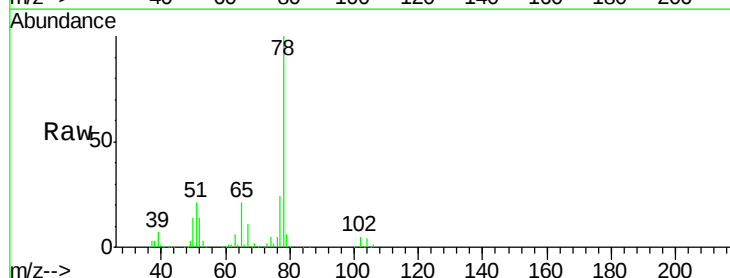
Manual Integrations
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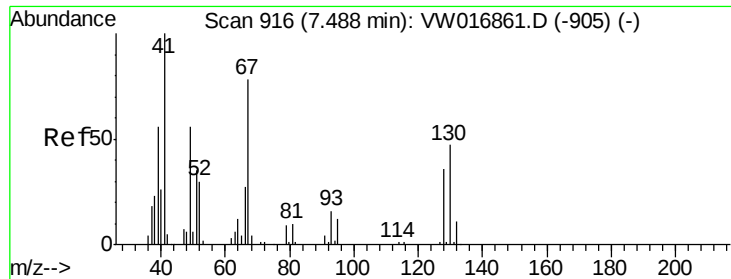
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#40
Benzene
Concen: 20.607 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion	78	Resp	286697
Ion Ratio	100	Lower	Upper
78	100		
77	23.5	18.5	27.7





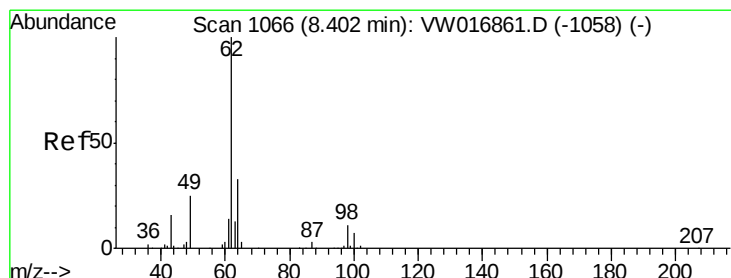
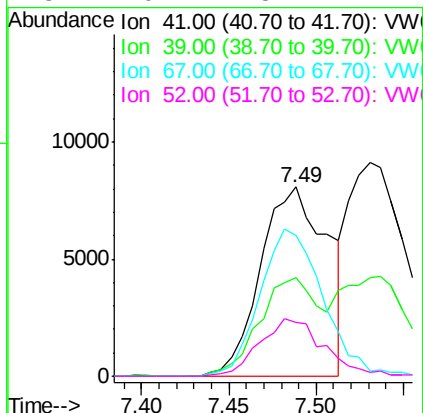
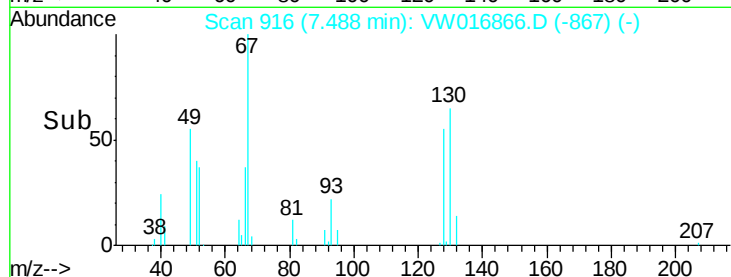
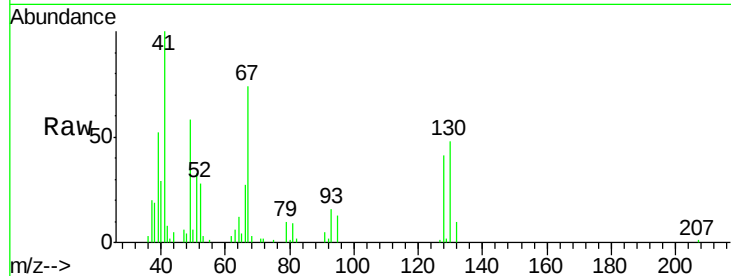
#41
Methacrylonitrile
Concen: 22.213 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion:	41	Resp:	21473
Ion	Ratio	Lower	Upper
41	100		
39	47.3	47.0	70.6
67	73.7	68.6	102.8
52	29.4	28.1	42.1

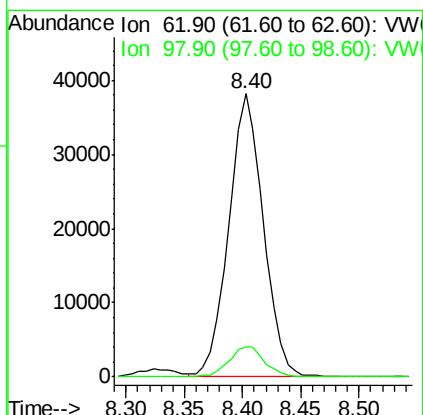
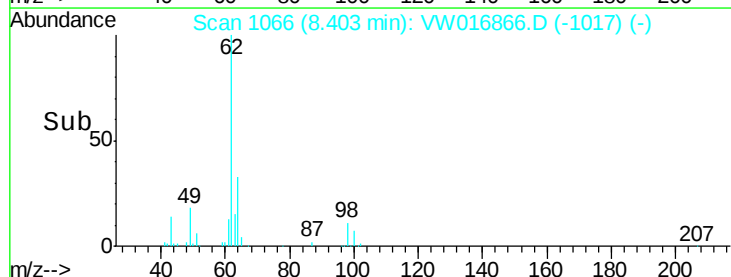
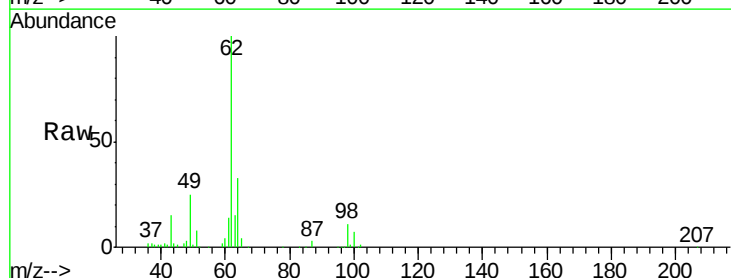
Manual Integrations
APPROVED

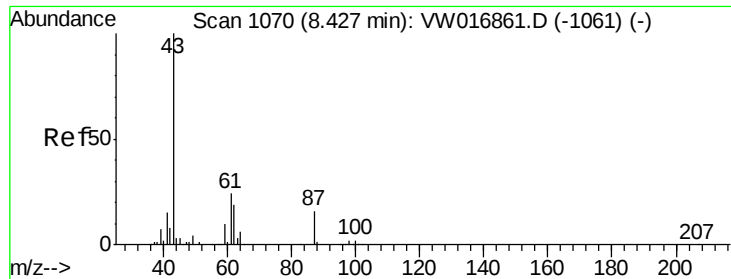
MMDadoda
10/12/2020 4:20:46 PM



#42
1,2-Dichloroethane
Concen: 20.765 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion:	62	Resp:	79024
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.0





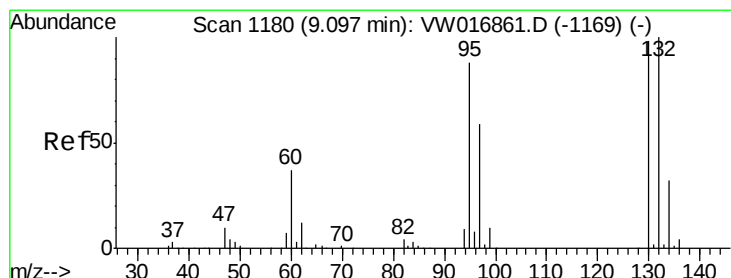
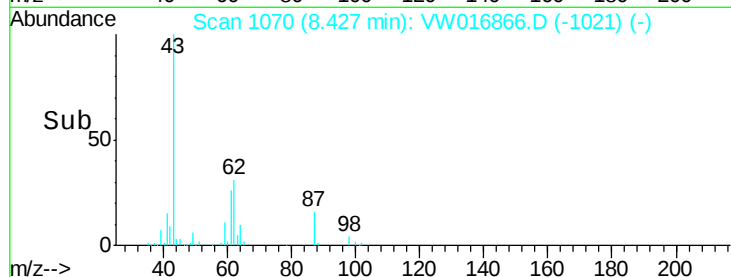
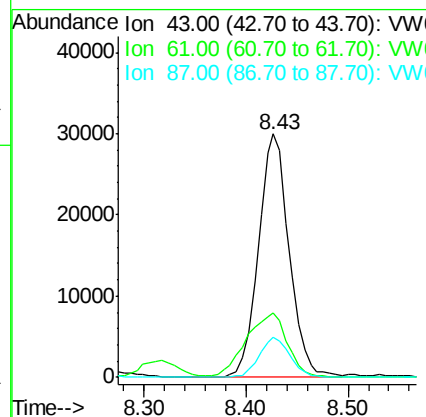
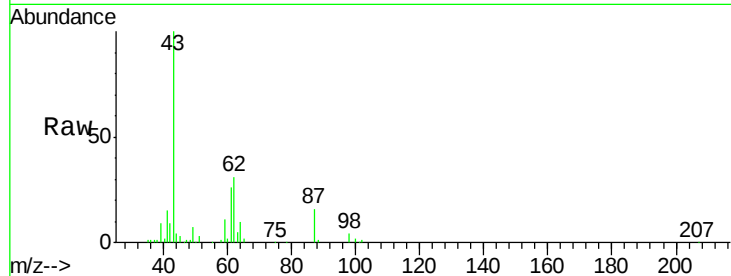
#43
Isopropyl Acetate
Concen: 20.138 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	35.4	27.5	41.3
87	16.4	13.6	20.4

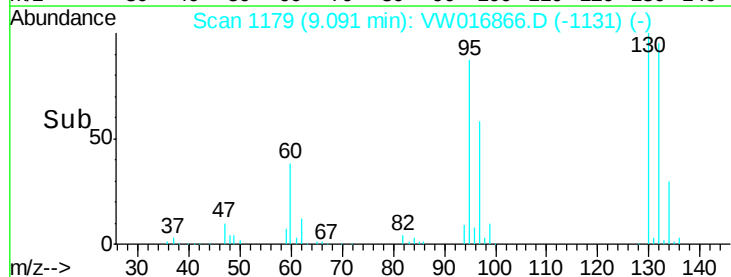
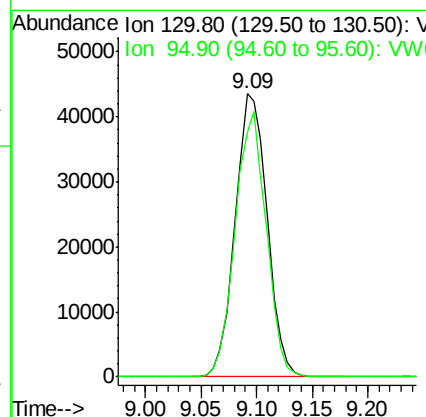
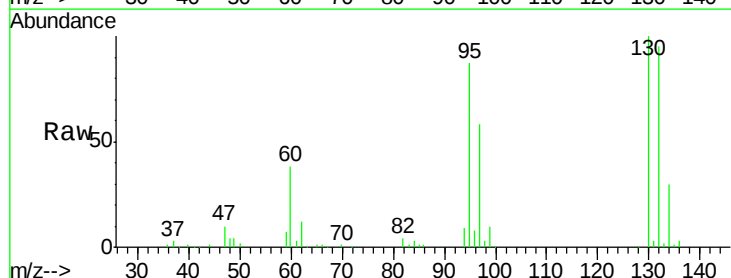
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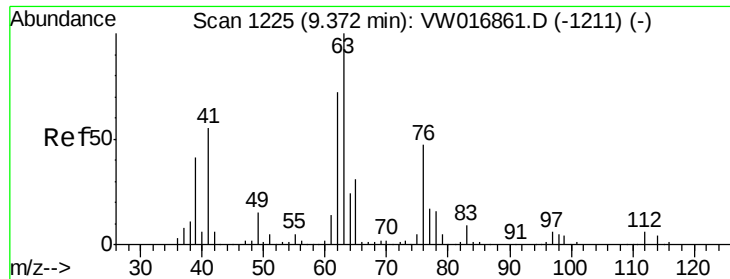
MMDadoda
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#44
Trichloroethene
Concen: 20.149 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.8	0.0	180.2





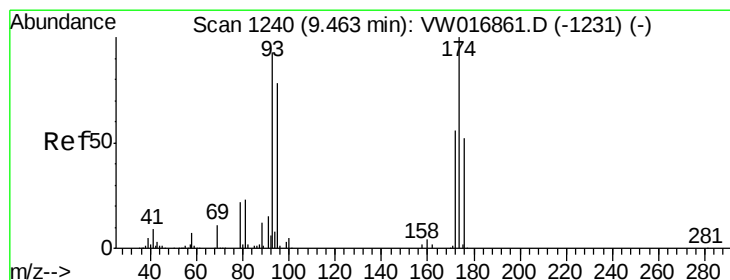
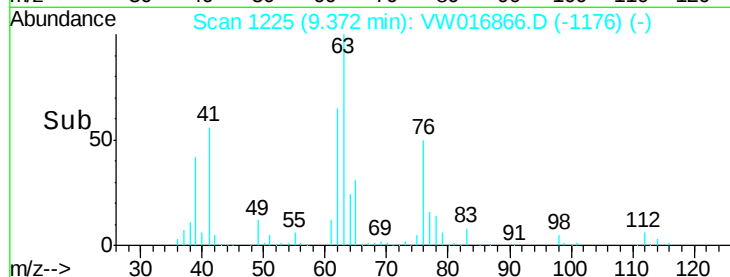
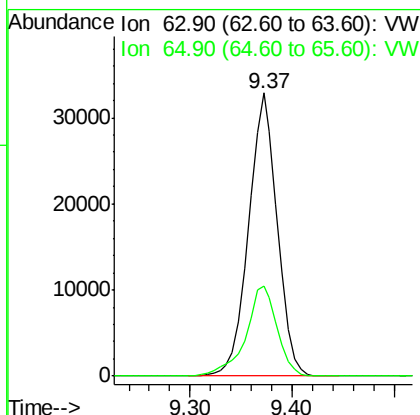
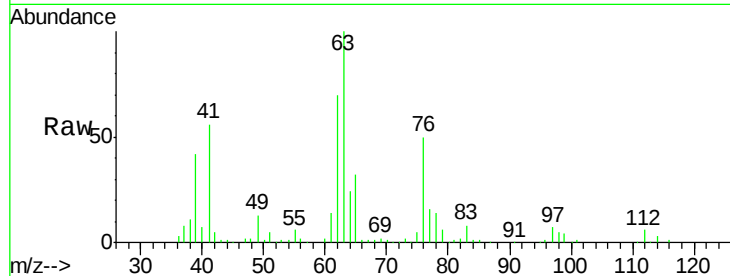
#45
 1,2-Dichloropropane
 Concen: 20.235 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion: 63 Resp: 64198
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.1 37.7

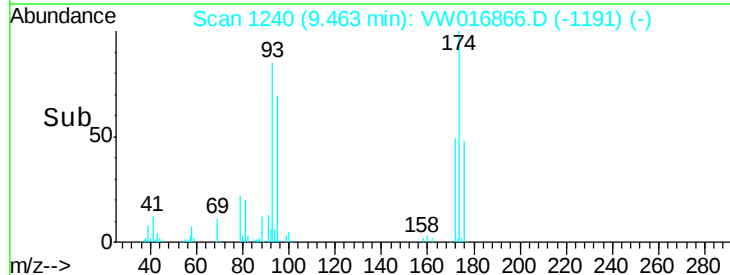
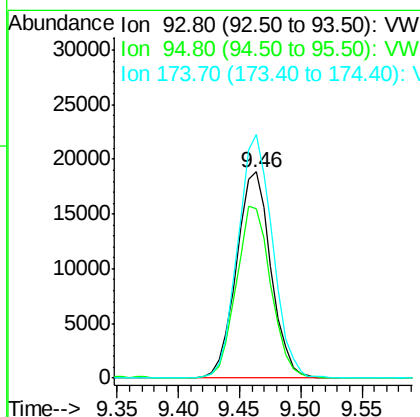
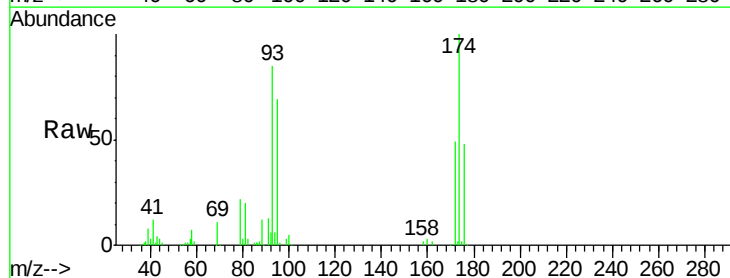
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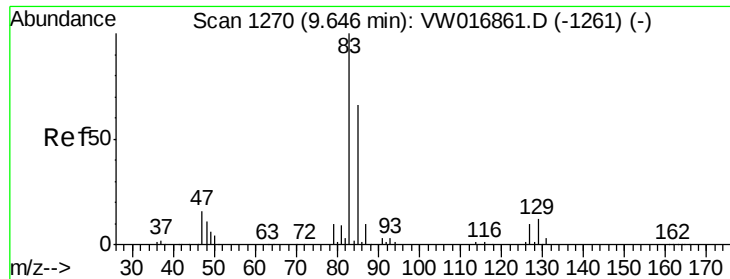
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#46
 Dibromomethane
 Concen: 20.424 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion: 93 Resp: 37063
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.5 99.7
 174 118.1 91.0 136.6





#47

Bromodichloromethane

Concen: 20.752 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

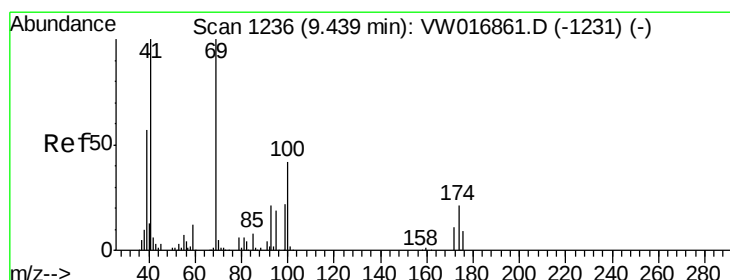
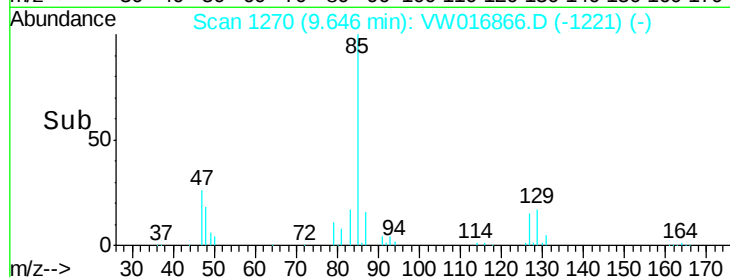
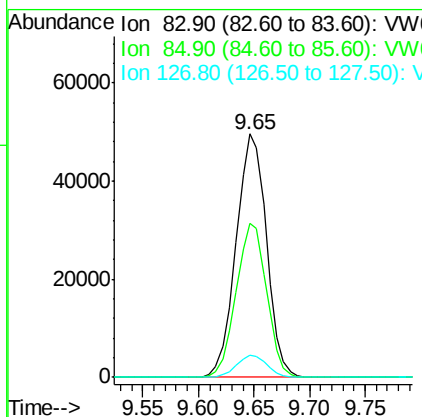
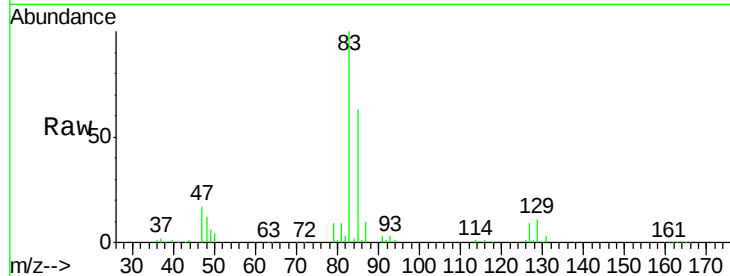
ClientSampleId :

VW1010SBS01

Tot Ion:	83	Resp:	93632
Ion Ratio	Lower	Upper	
83	100		
85	63.1	52.7	79.1
127	9.3	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.344 ug/l

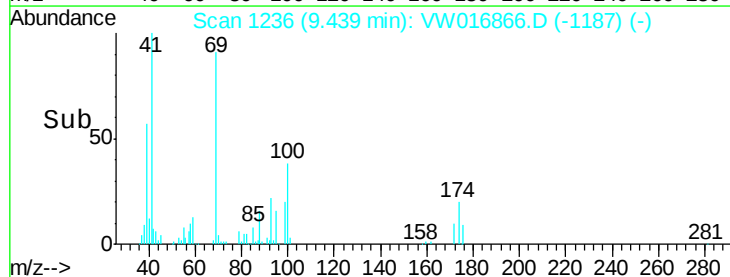
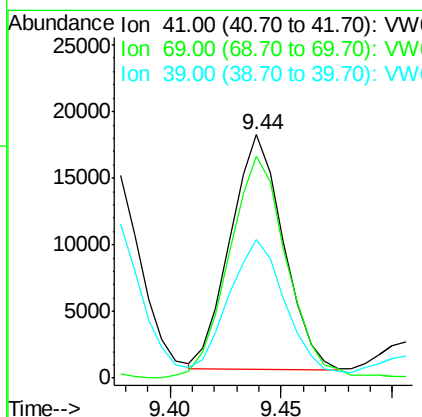
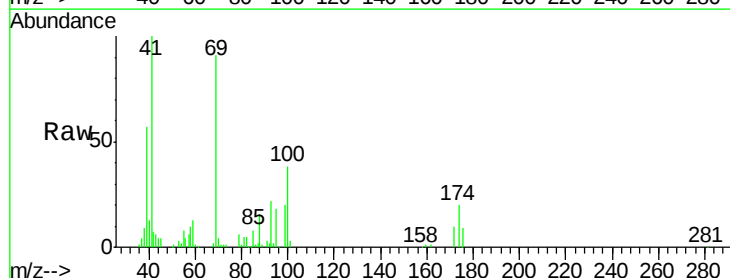
RT: 9.44 min Scan# 1236

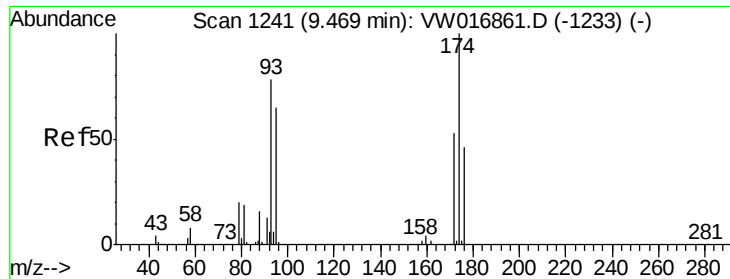
Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Tgt Ion:	41	Resp:	29298
Ion Ratio	Lower	Upper	
41	100		
69	103.1	83.5	125.3
39	58.7	50.9	76.3





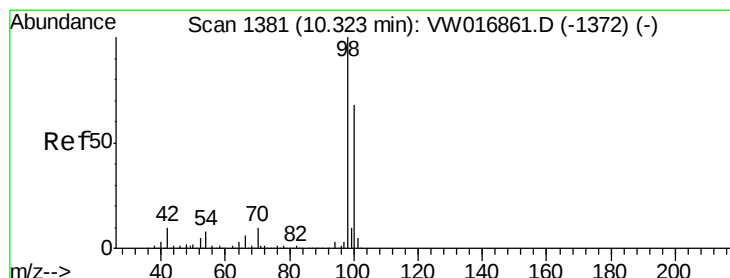
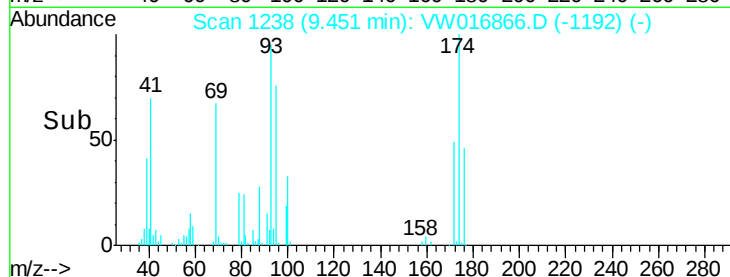
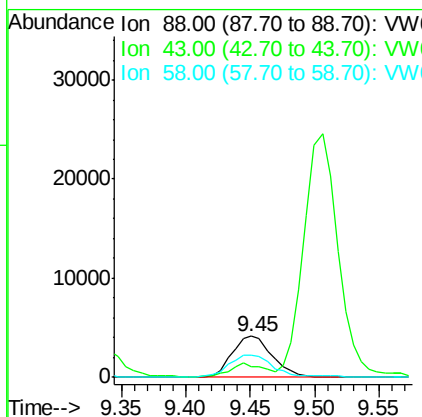
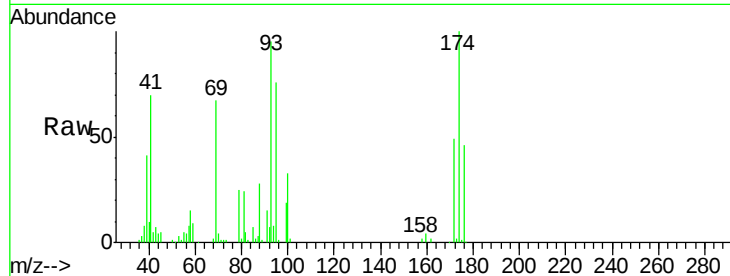
#49
1,4-Dioxane
Concen: 429.448 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.02 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.5	0.0	0.0#
58	59.8	54.0	81.0

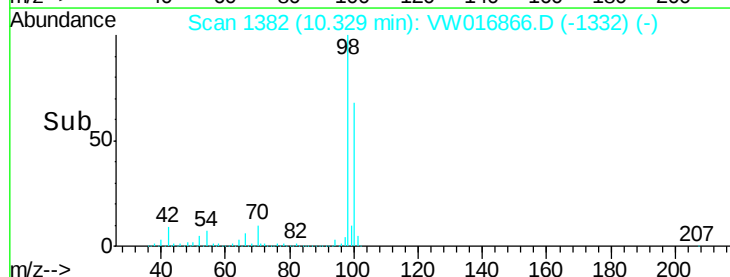
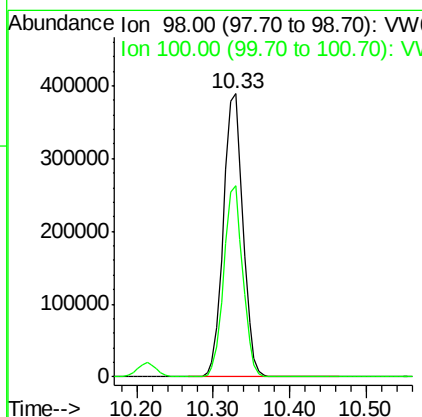
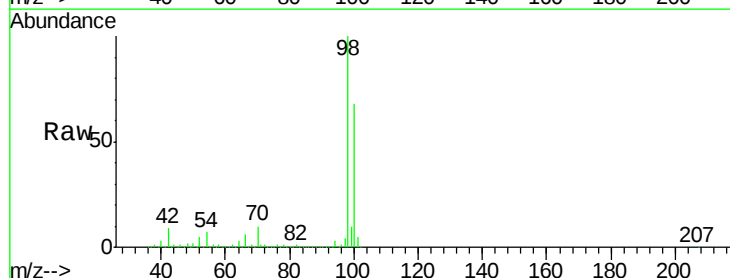
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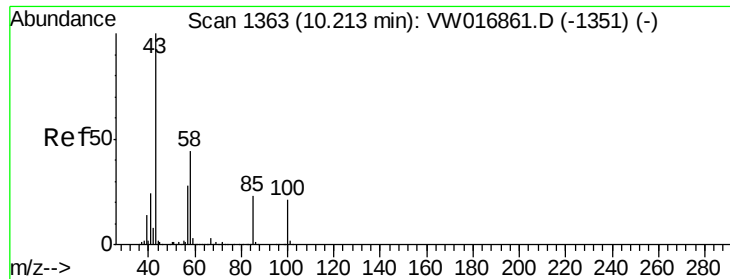
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#50
Toluene-d8
Concen: 51.820 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 101.444 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

Tot Ion: 43 Resp: 160383

Ion Ratio Lower Upper

43 100

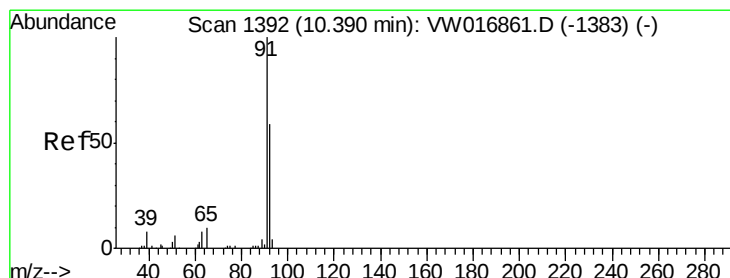
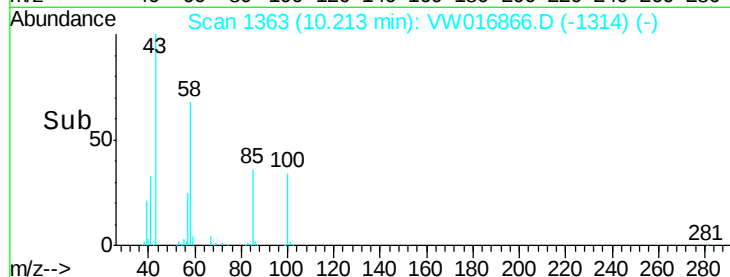
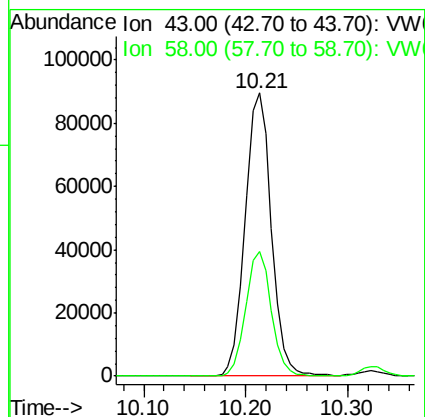
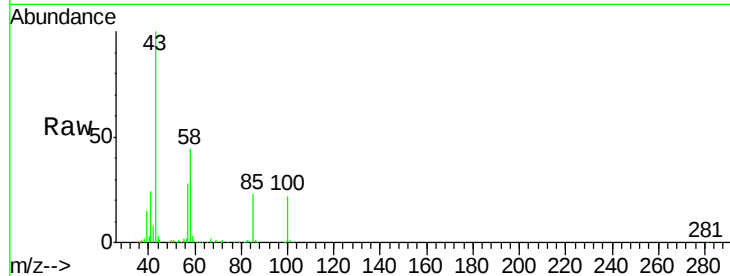
58 43.0 34.7 52.1

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#52

Toluene

Concen: 20.713 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016866.D

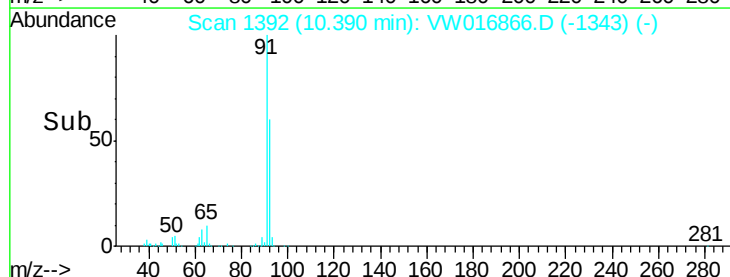
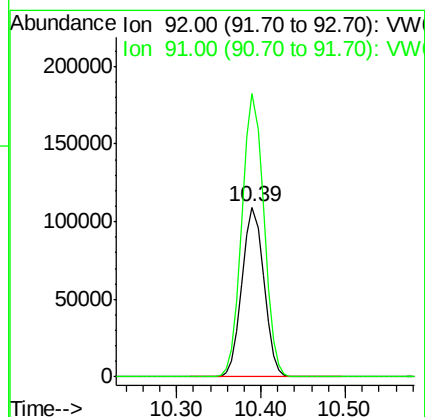
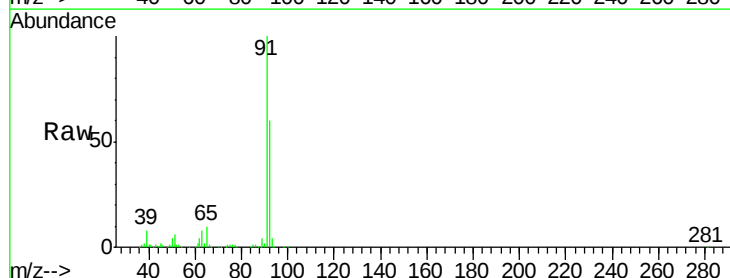
Acq: 09 Oct 2020 18:08

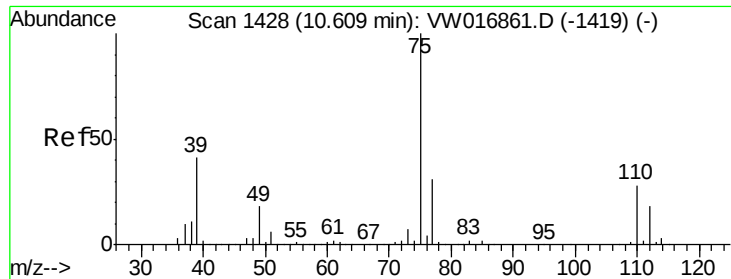
Tgt Ion: 92 Resp: 190494

Ion Ratio Lower Upper

92 100

91 167.0 134.7 202.1





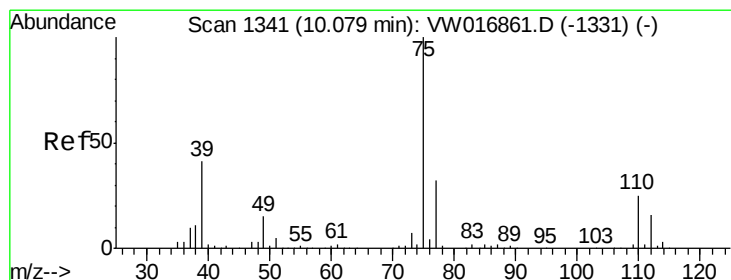
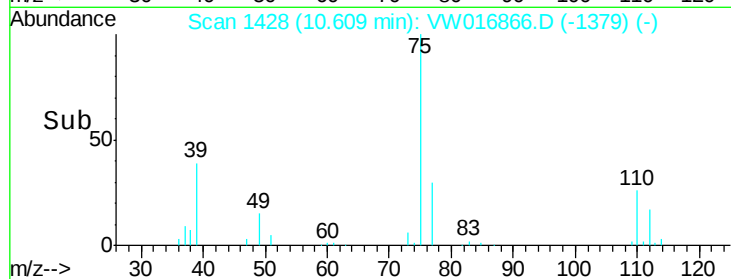
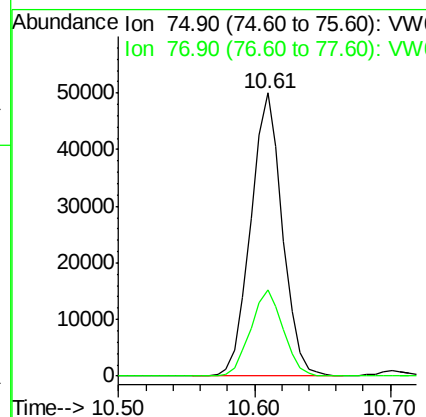
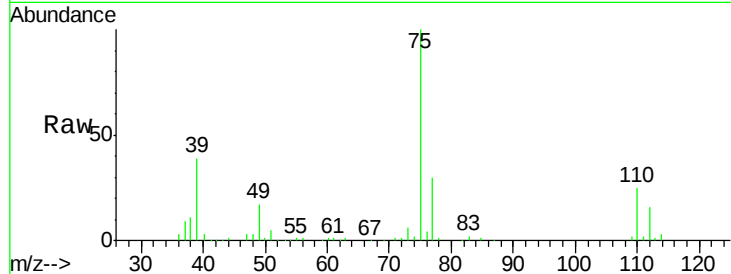
#53
t-1,3-Dichloropropene
Concen: 19.871 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion: 75 Resp: 81623
Ion Ratio Lower Upper
75 100
77 30.5 24.8 37.2

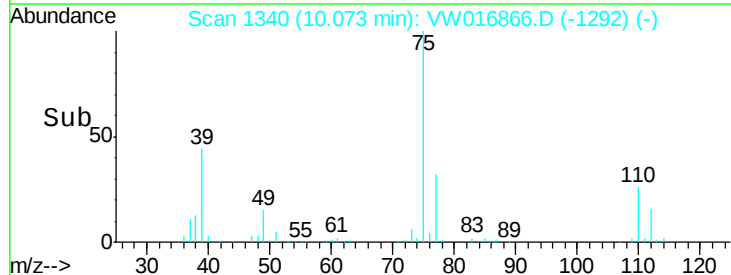
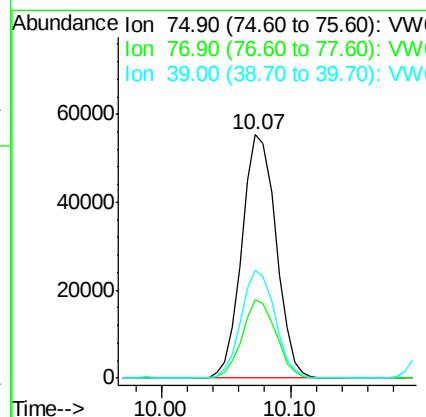
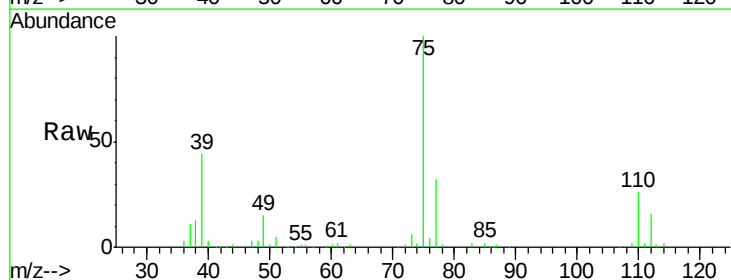
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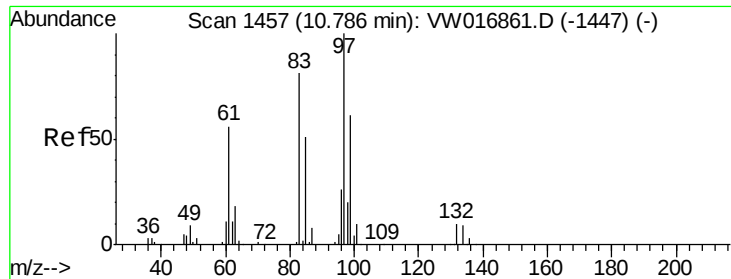
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#54
cis-1,3-Dichloropropene
Concen: 20.317 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion: 75 Resp: 101934
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
39 44.1 32.9 49.3





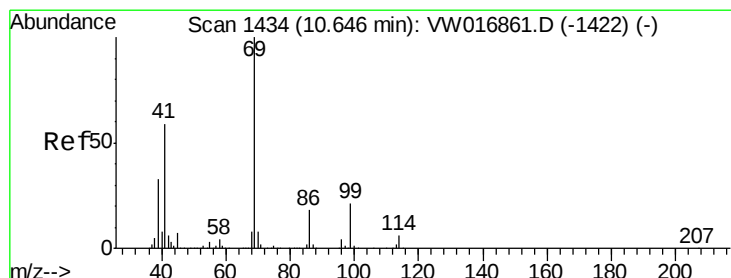
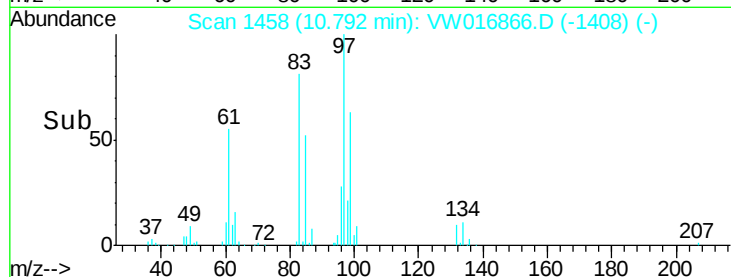
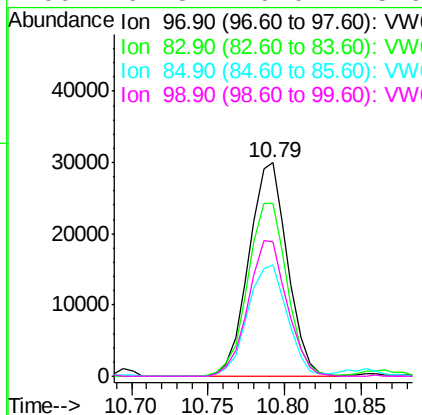
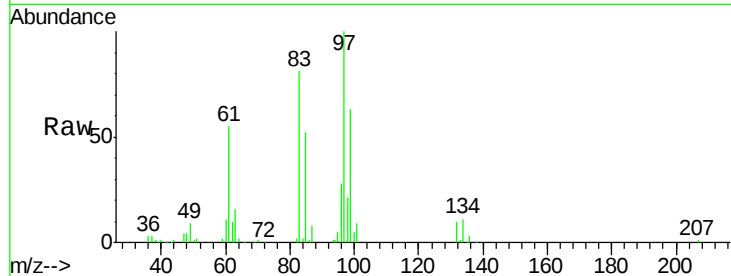
#55
 1,1,2-Trichloroethane
 Concen: 20.368 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion:	97	Resp:	52610
Ion	Ratio	Lower	Upper
97	100		
83	81.1	64.6	97.0
85	52.1	40.6	61.0
99	62.8	49.0	73.6

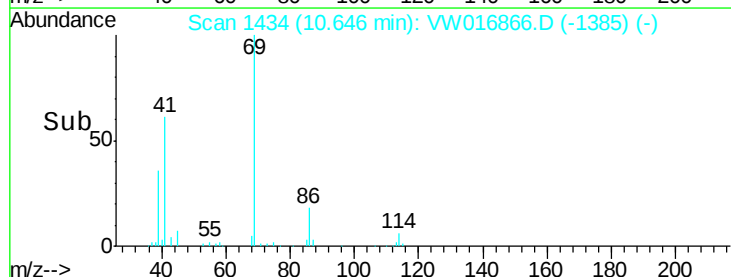
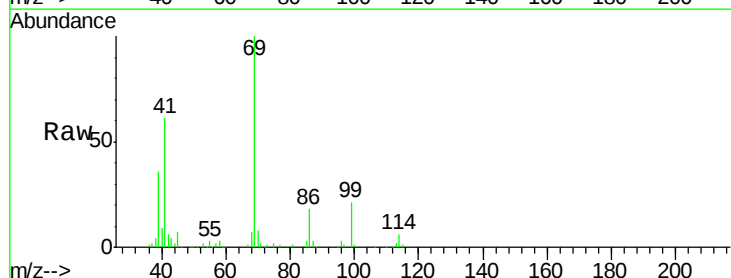
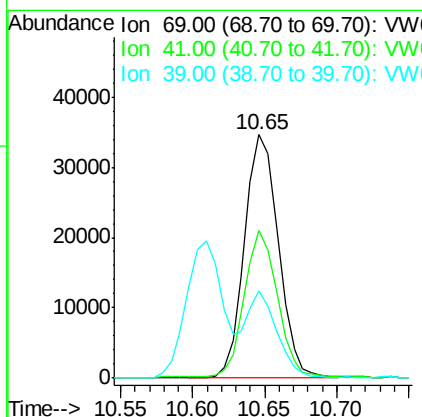
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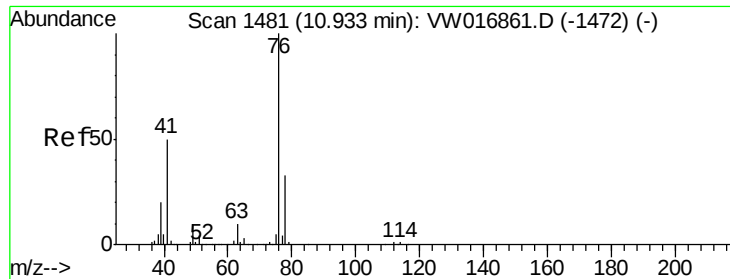
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#56
 Ethyl methacrylate
 Concen: 20.168 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion:	69	Resp:	56671
Ion	Ratio	Lower	Upper
69	100		
41	58.5	46.3	69.5
39	33.3	25.9	38.9





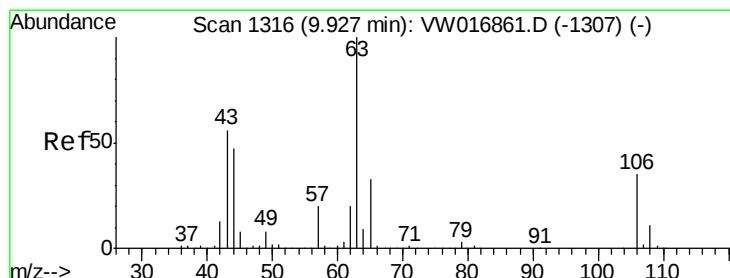
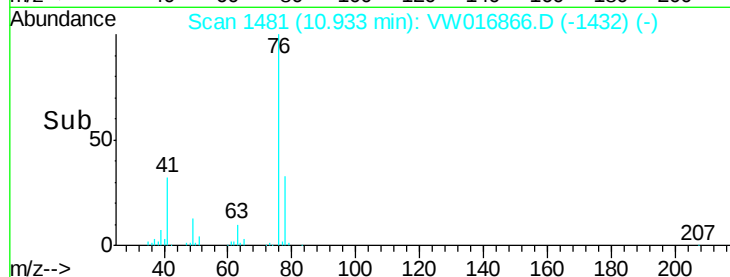
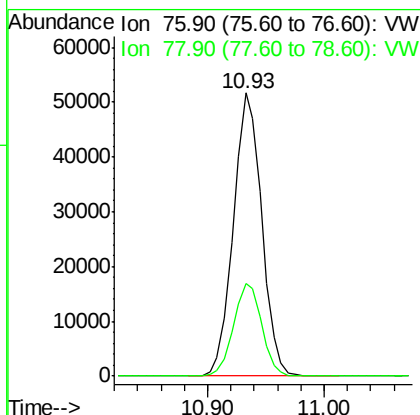
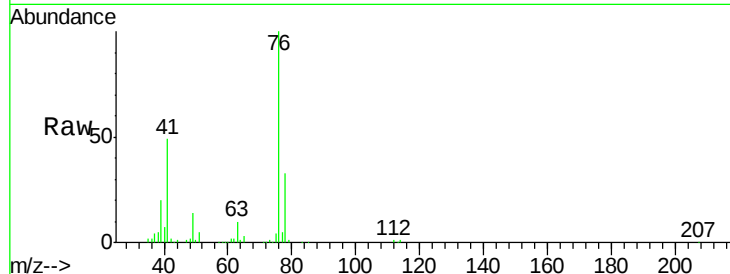
#57
 1,3-Dichloropropane
 Concen: 20.486 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion: 76 Resp: 87547
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.0 39.0

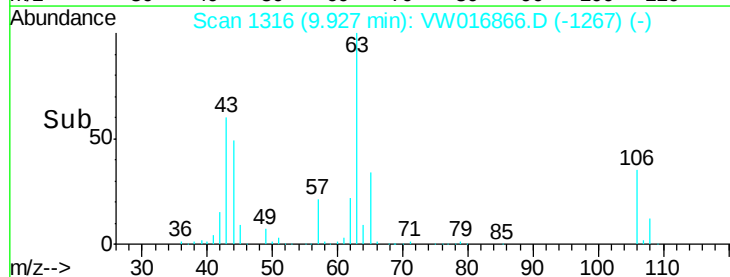
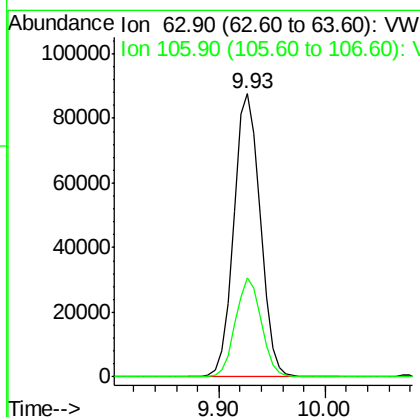
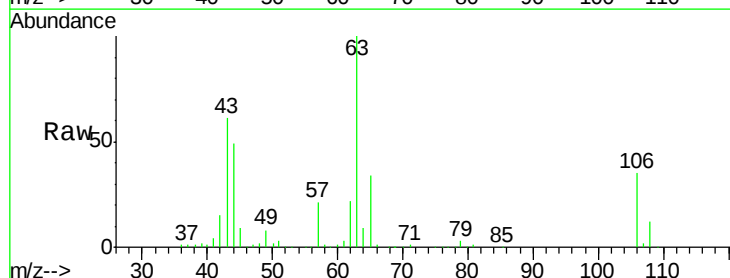
Manual Integrations
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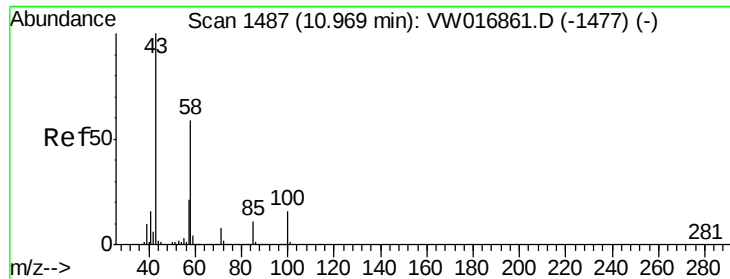
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 10/12/2020 4:20:46 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.418 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion: 63 Resp: 153248
 Ion Ratio Lower Upper
 63 100
 106 34.1 27.0 40.4





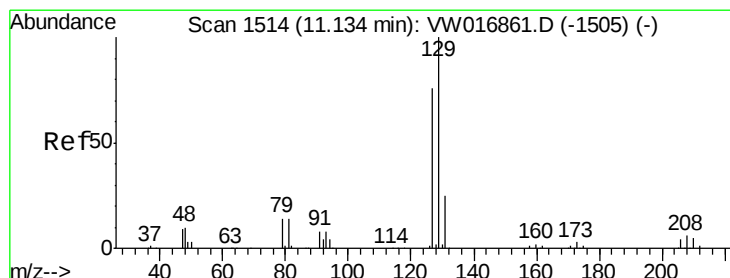
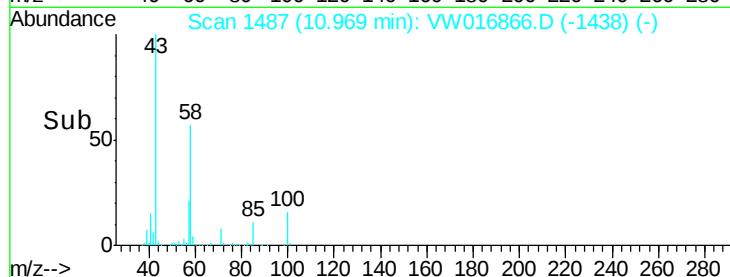
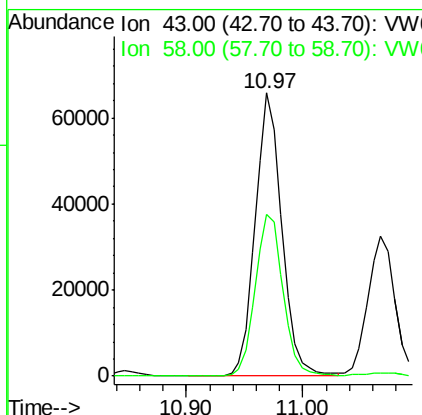
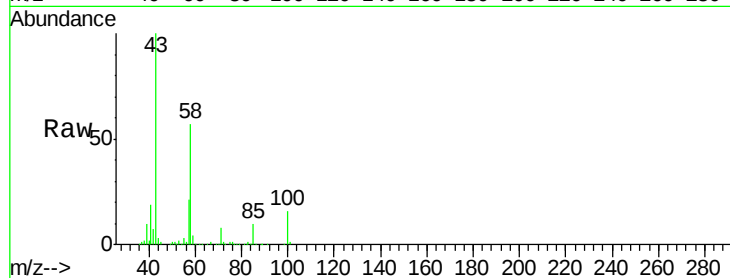
#59
2-Hexanone
Concen: 100.718 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	43	Resp	105356
Ion Ratio	100	Lower	Upper
43	100		
58	59.6	29.5	88.5

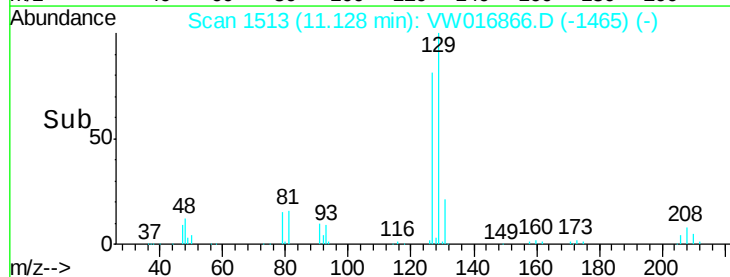
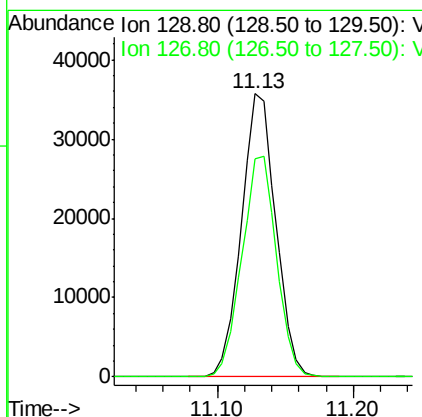
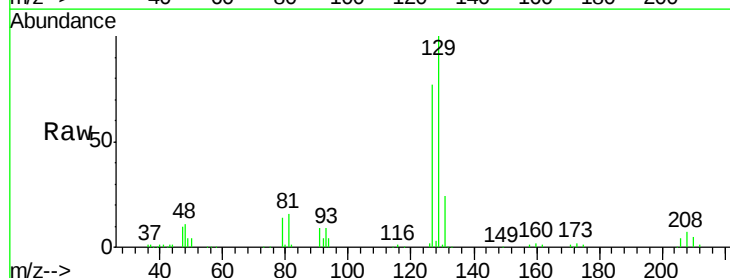
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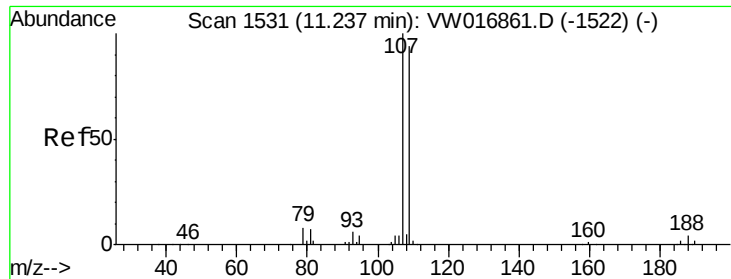
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#60
Dibromochloromethane
Concen: 19.937 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion	129	Resp	63165
Ion Ratio	100	Lower	Upper
129	100		
127	78.5	38.9	116.6





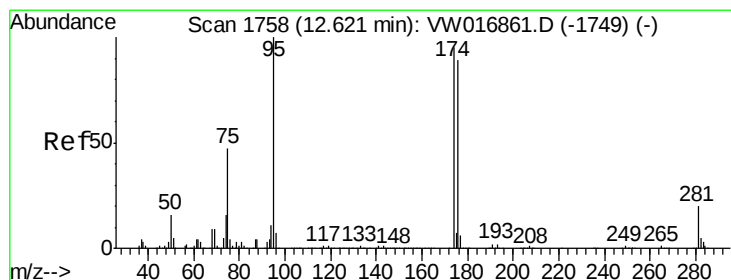
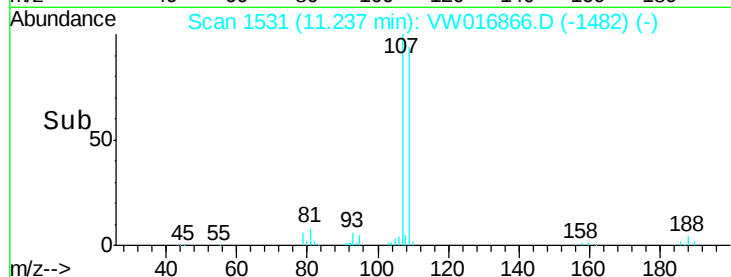
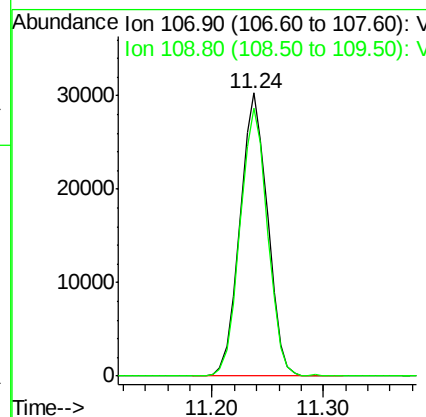
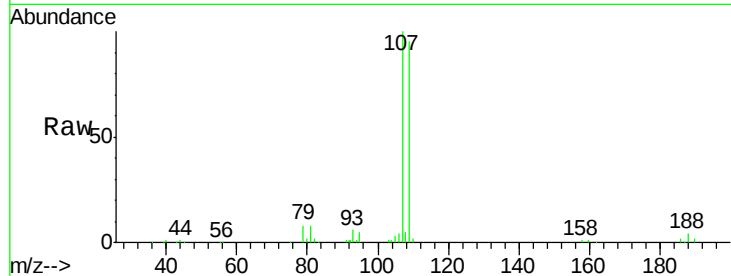
#61
 1,2-Dibromoethane
 Concen: 20.306 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion: 107 Resp: 51942
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.7 112.1

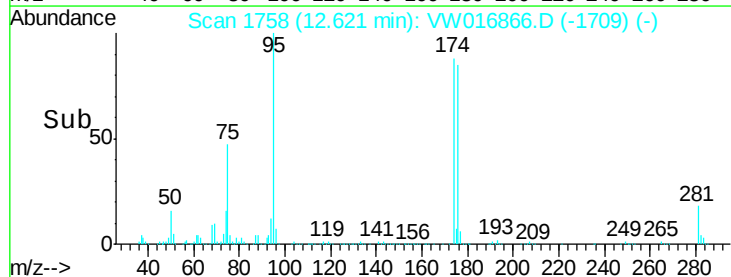
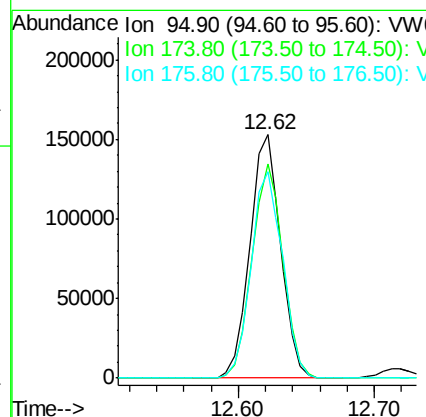
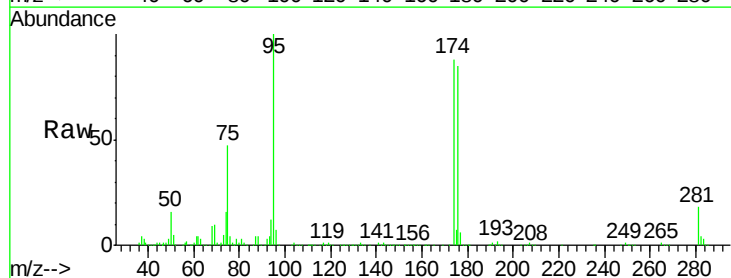
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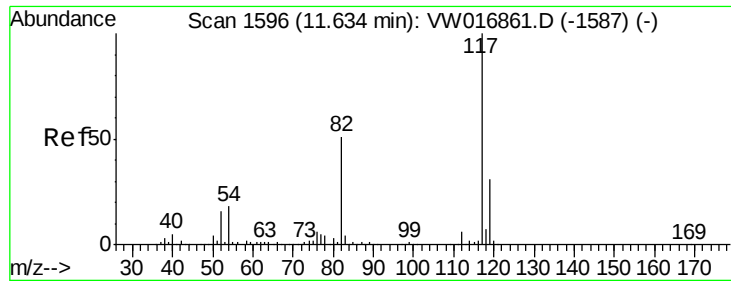
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#62
 4-Bromofluorobenzene
 Concen: 52.926 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion: 95 Resp: 242259
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 180.6
 176 86.8 0.0 177.6





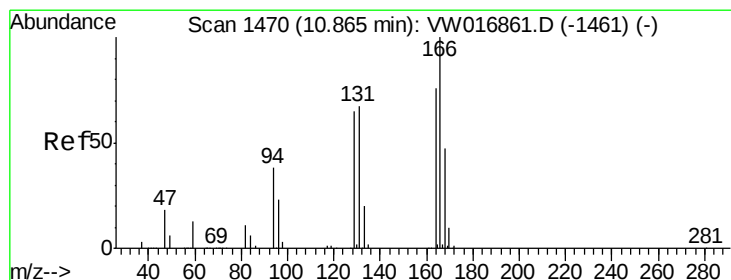
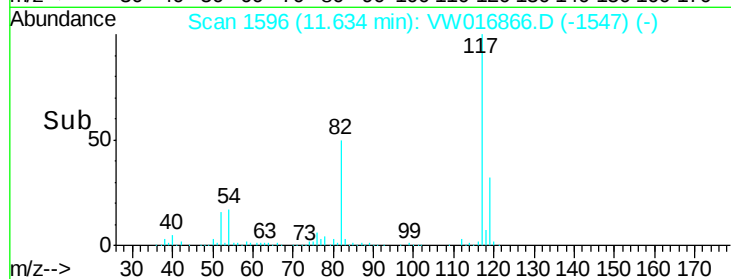
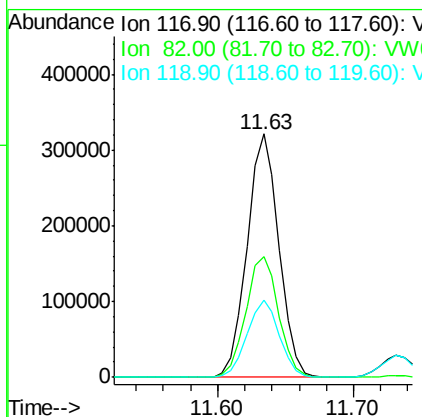
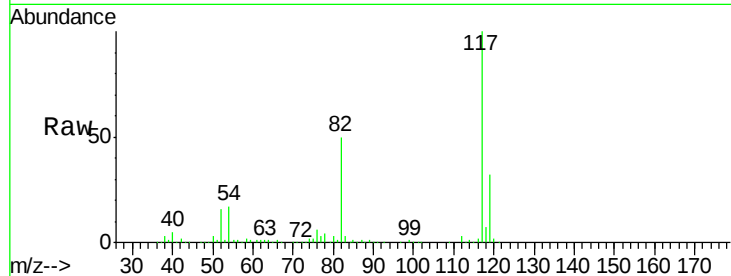
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.8	40.7	61.1
119	31.7	25.0	37.4

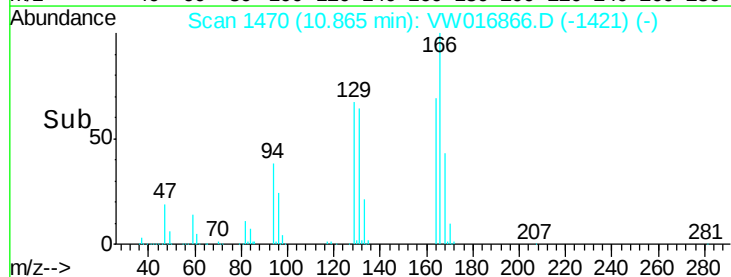
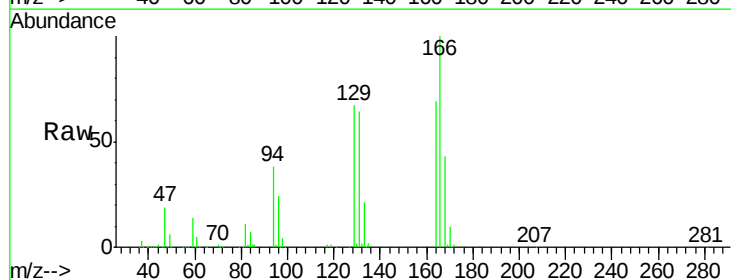
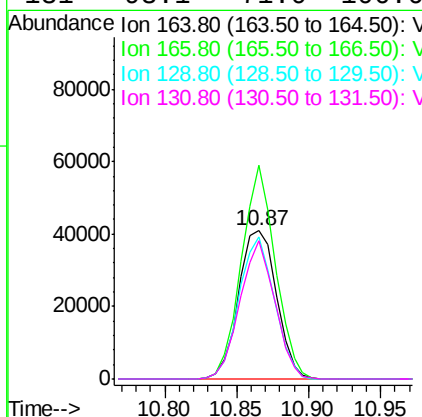
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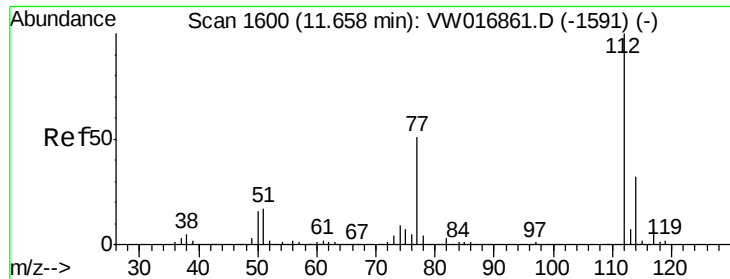
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#64
Tetrachloroethene
Concen: 19.997 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	144.4	105.3	157.9
129	96.4	68.8	103.2
131	93.1	71.0	106.6





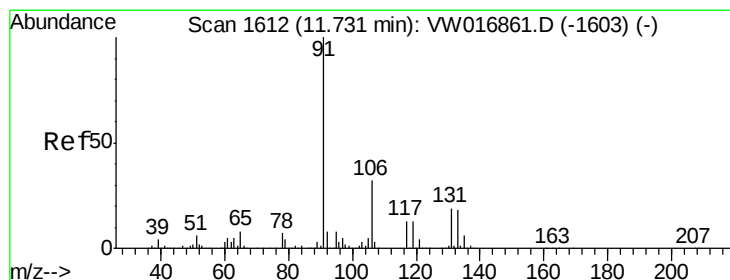
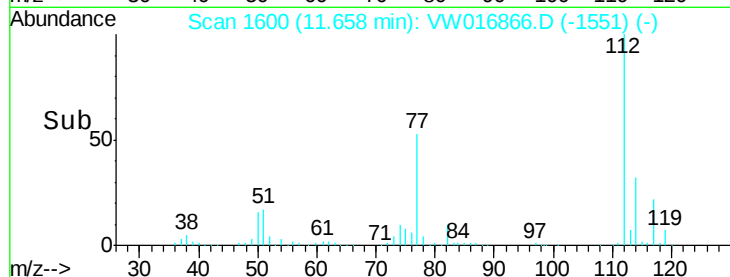
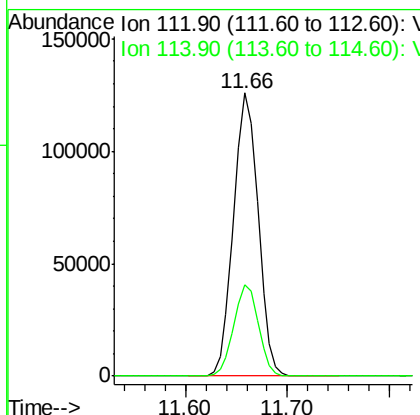
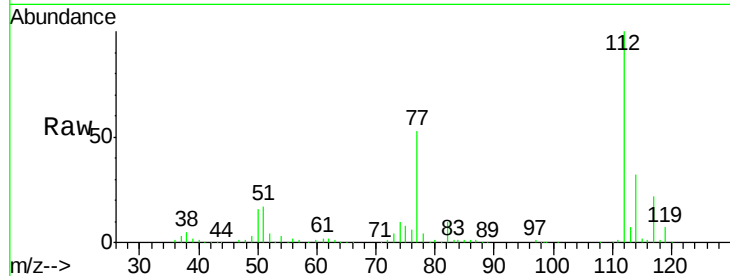
#65
Chlorobenzene
Concen: 20.396 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion:112 Resp: 209980
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9

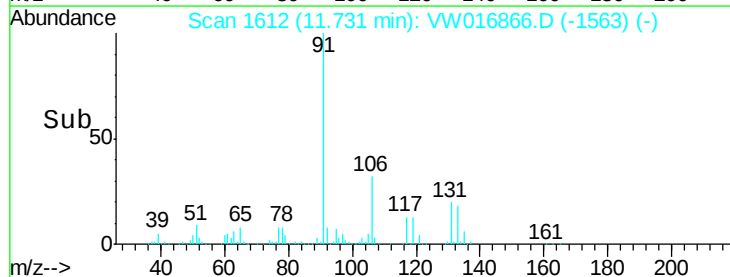
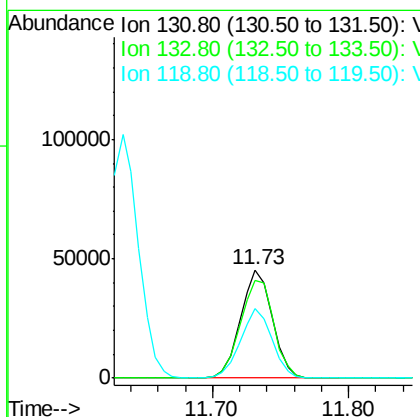
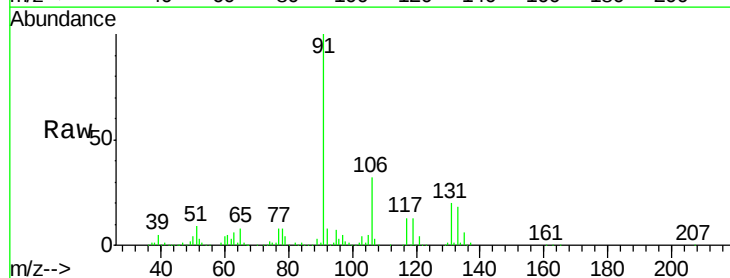
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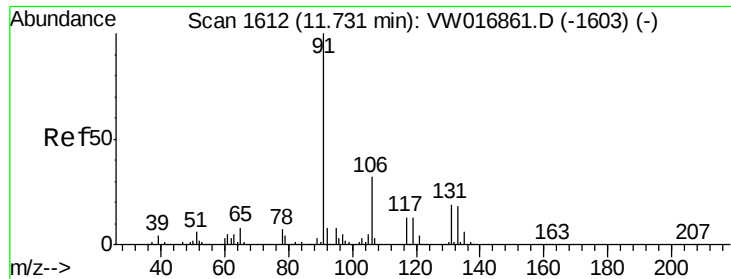
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.330 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion:131 Resp: 74018
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.3
119 63.7 32.5 97.4





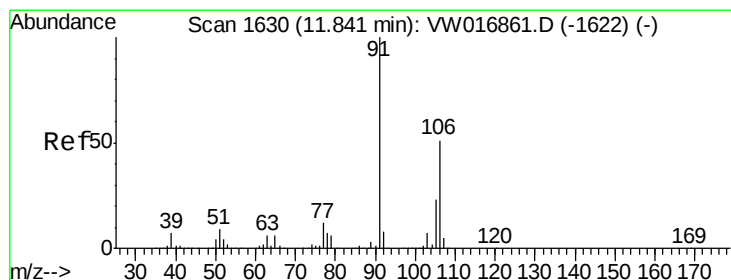
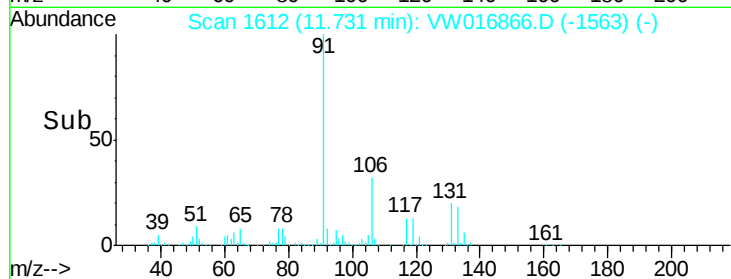
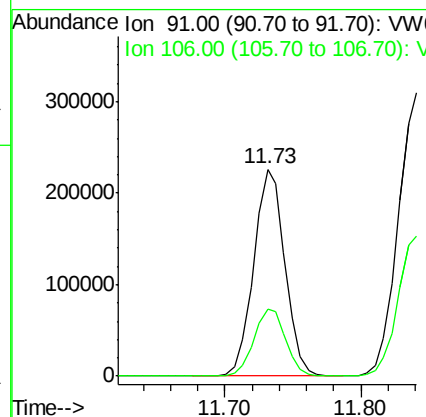
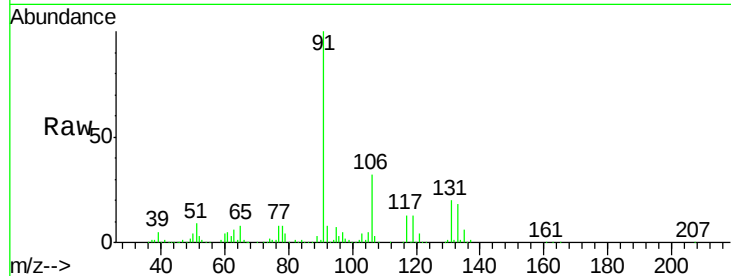
#67
Ethyl Benzene
Concen: 20.239 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion: 91 Resp: 363087
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9

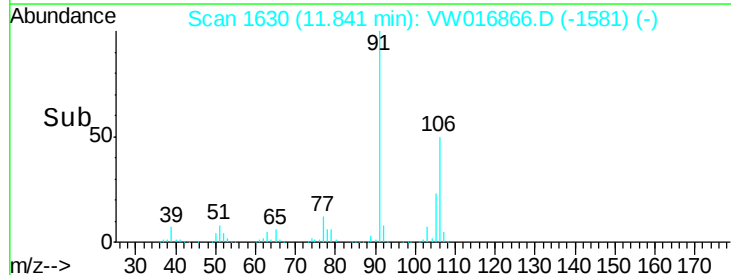
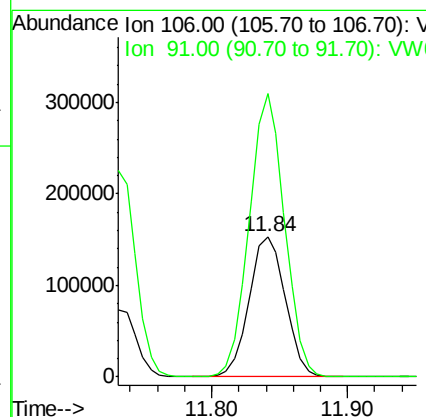
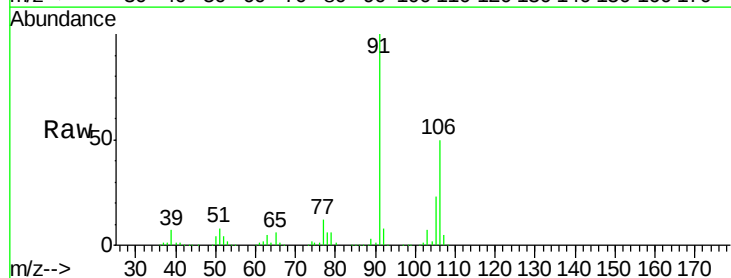
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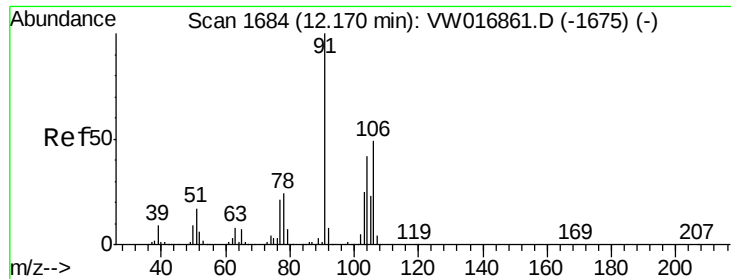
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#68
m/p-Xylenes
Concen: 40.968 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion: 106 Resp: 285842
Ion Ratio Lower Upper
106 100
91 197.0 157.4 236.0





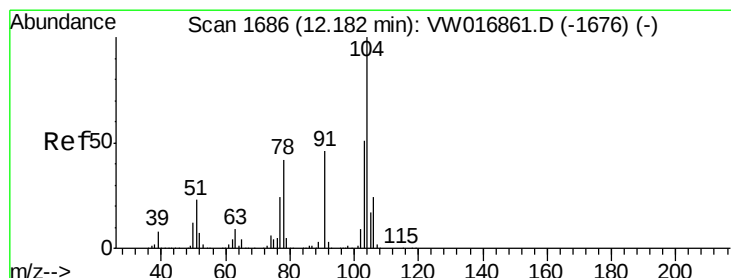
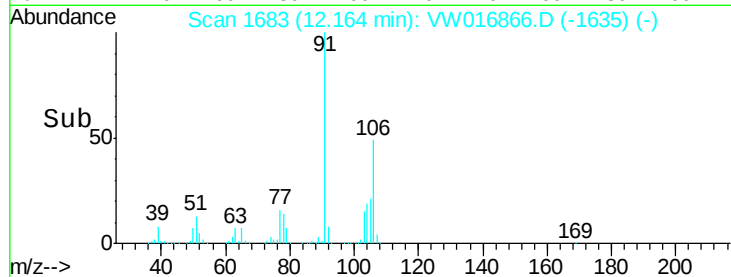
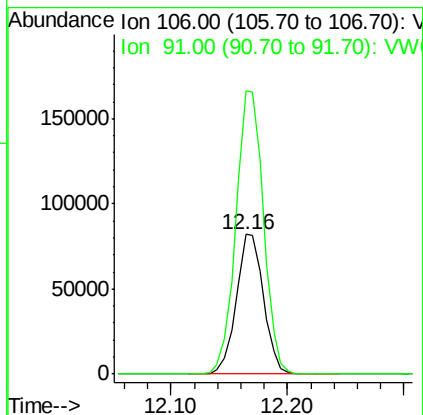
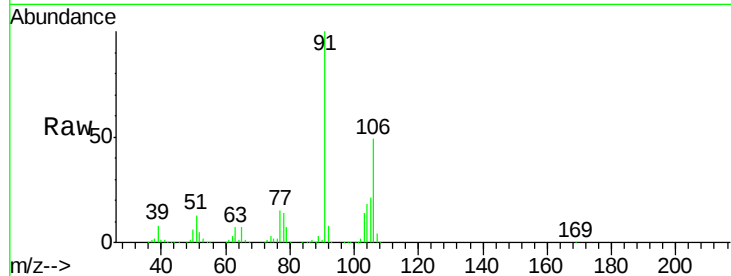
#69
o-Xylene
Concen: 20.866 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.7	103.6	310.9

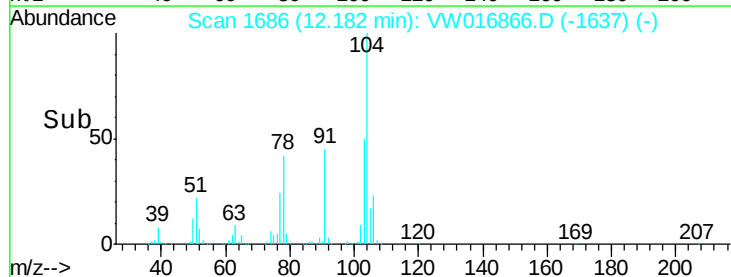
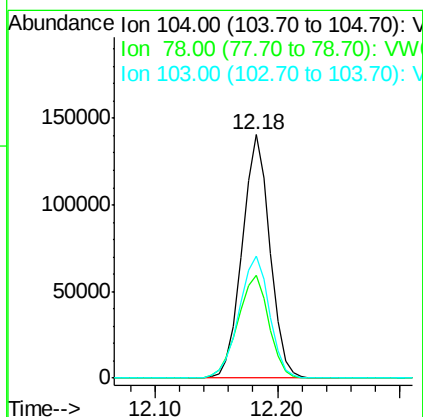
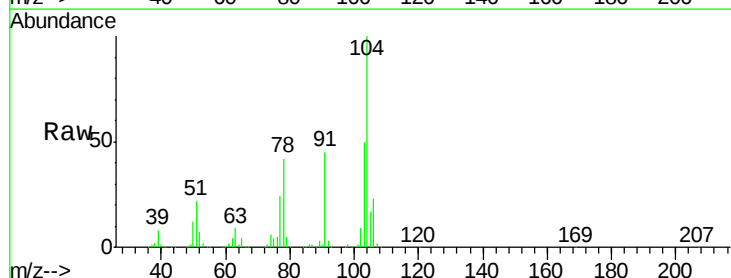
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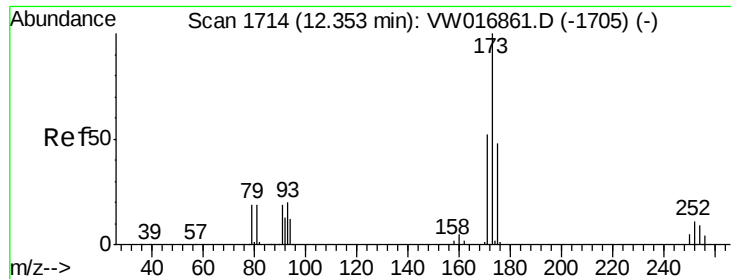
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#70
Styrene
Concen: 20.735 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.4	37.6	56.4
103	55.1	43.6	65.4





#71

Bromoform

Concen: 18.955 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

Tot Ion:173 Resp: 34646

Ion Ratio Lower Upper

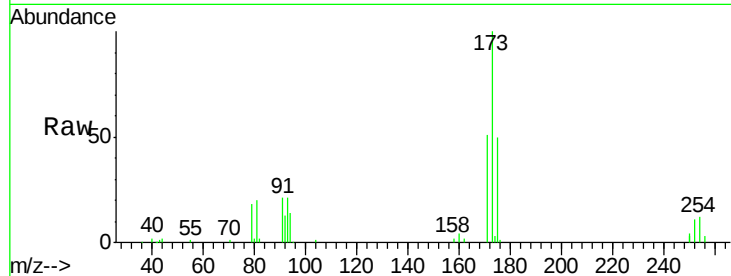
173 100

175 49.7 24.7 74.1

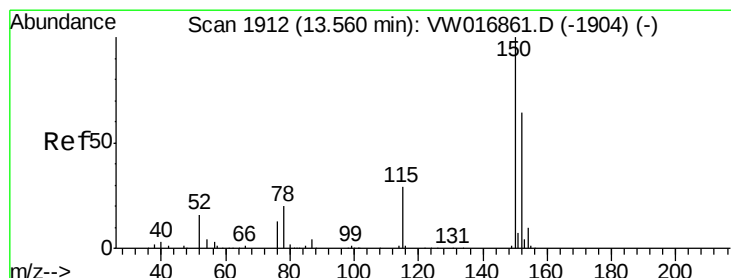
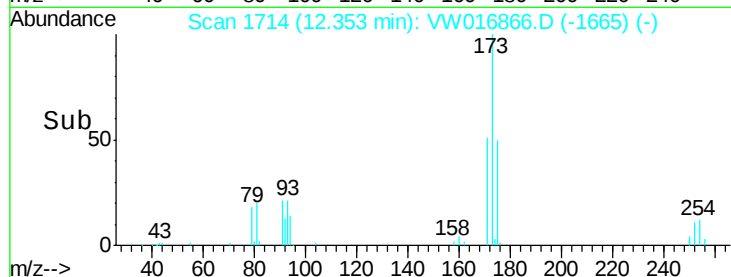
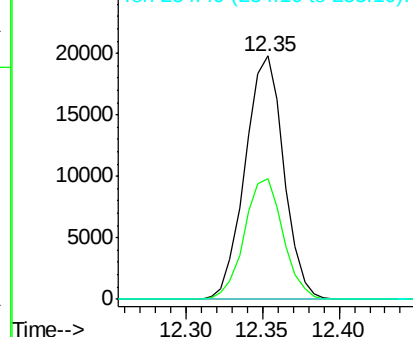
254 0.0 0.1 0.1#

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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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

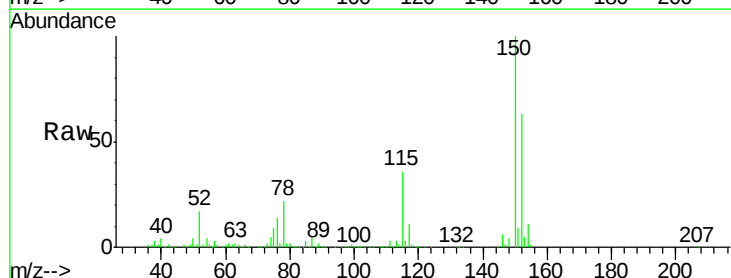
Tgt Ion:152 Resp: 259120

Ion Ratio Lower Upper

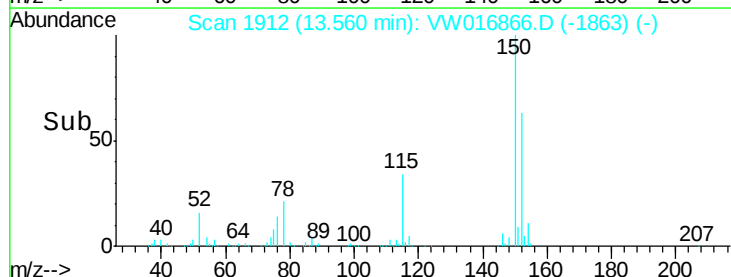
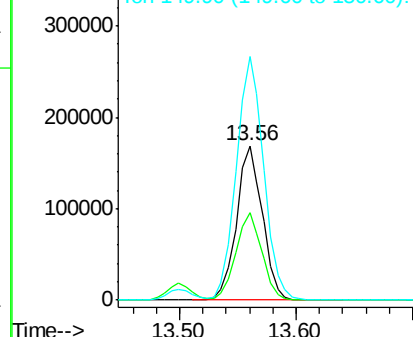
152 100

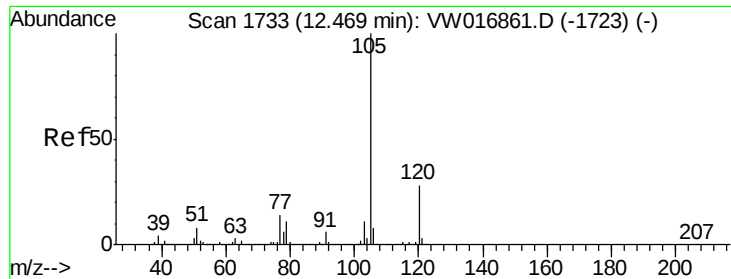
115 57.2 27.9 83.7

150 168.1 0.0 344.0



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: 21.233 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

Tot Ion: 105 Resp: 365697

Ion Ratio Lower Upper

105 100

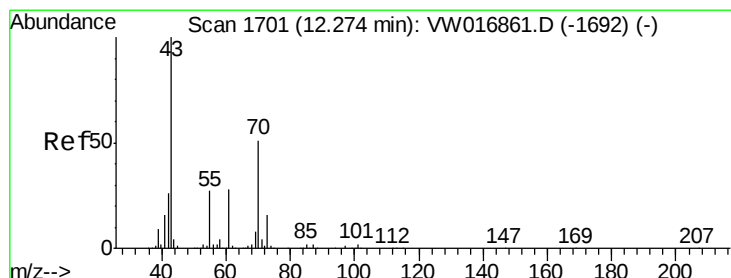
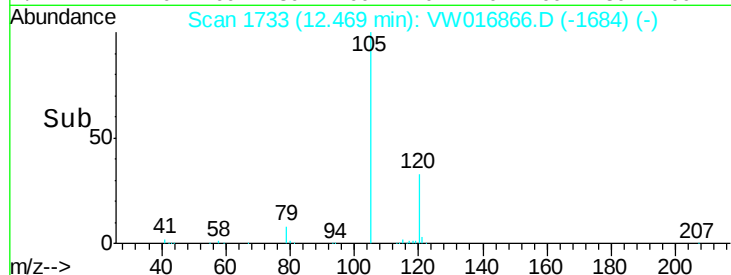
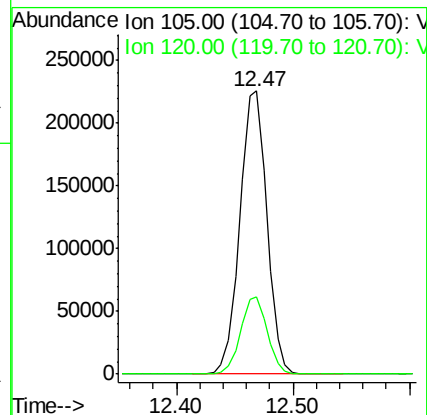
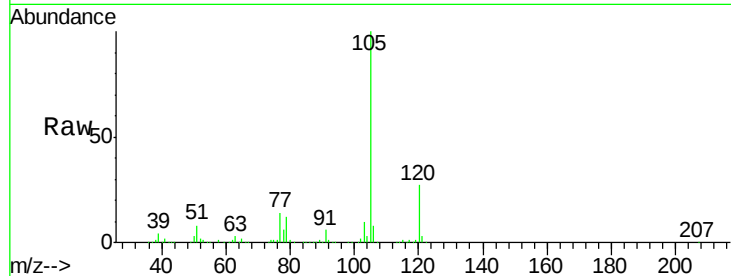
120 26.8 13.6 40.7

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#74

N-ethyl acetate

Concen: 20.691 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Tgt Ion: 43 Resp: 57240

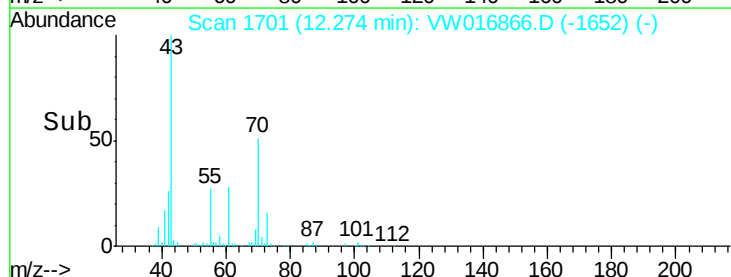
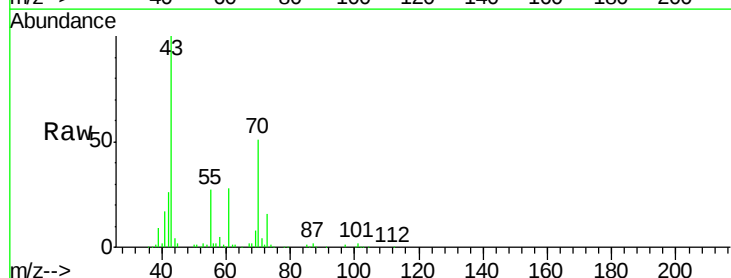
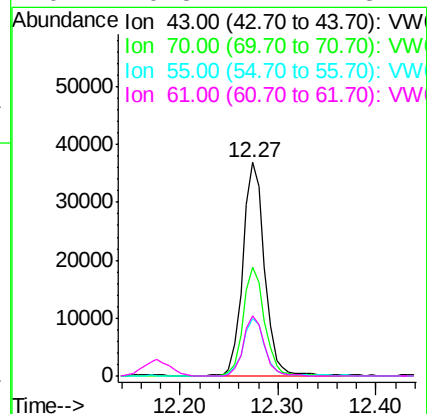
Ion Ratio Lower Upper

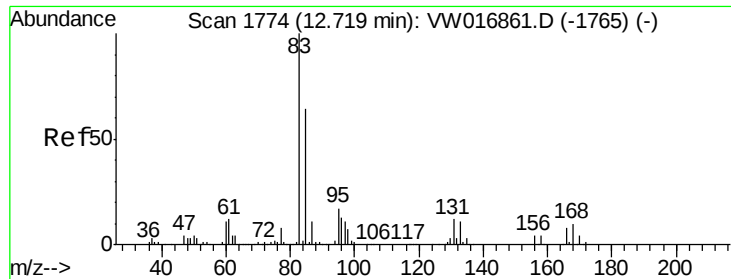
43 100

70 50.0 40.2 60.4

55 26.6 21.4 32.0

61 26.8 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.398 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

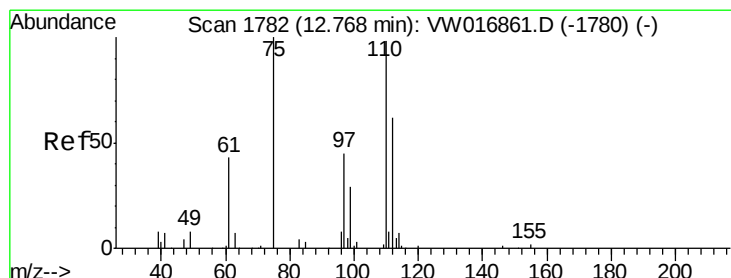
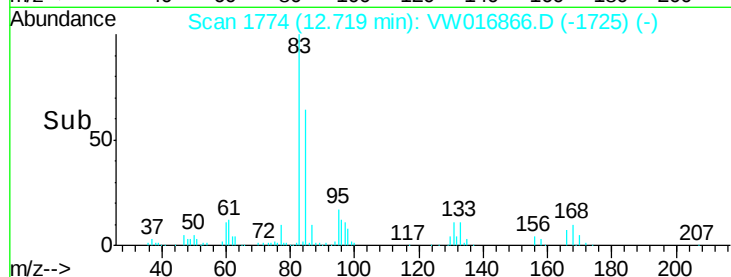
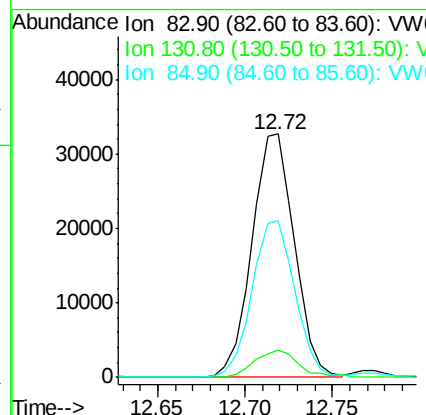
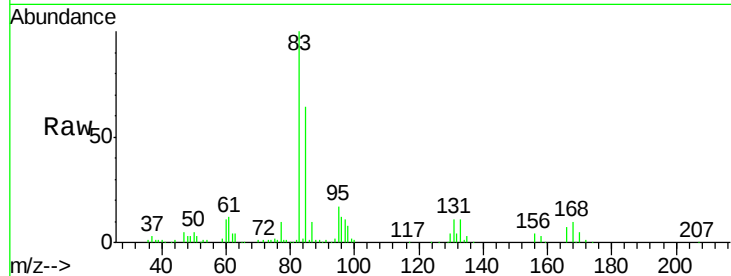
ClientSampleId :

VW1010SBS01

Tot Ion:	83	Resp:	55120
Ion Ratio	Lower	Upper	
83	100		
131	11.8	6.1	18.3
85	65.0	32.7	98.1

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#76

1,2,3-Trichloropropane

Concen: 20.399 ug/l m

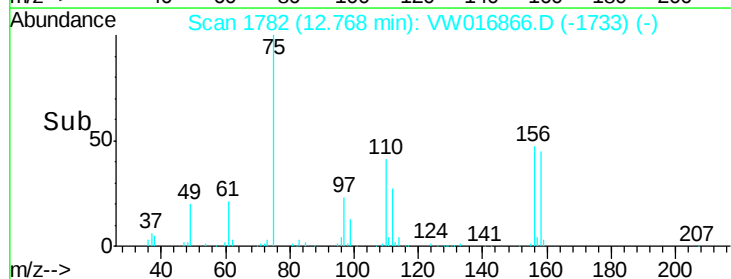
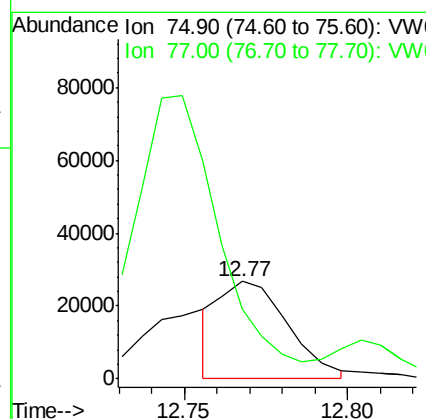
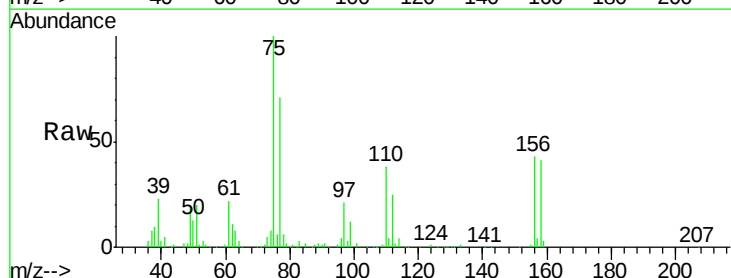
RT: 12.77 min Scan# 1782

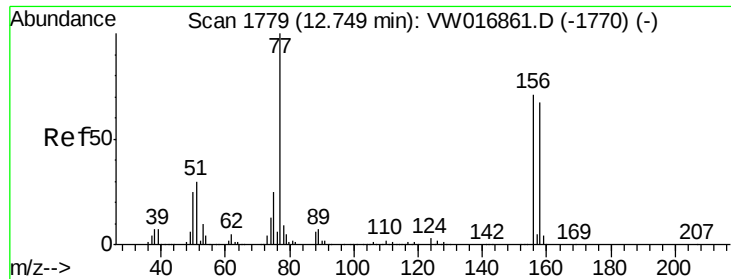
Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Tgt Ion:	75	Resp:	39440
Ion Ratio	Lower	Upper	
75	100		
77	361.2	178.8	536.3





#77

Bromobenzene

Concen: 21.072 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

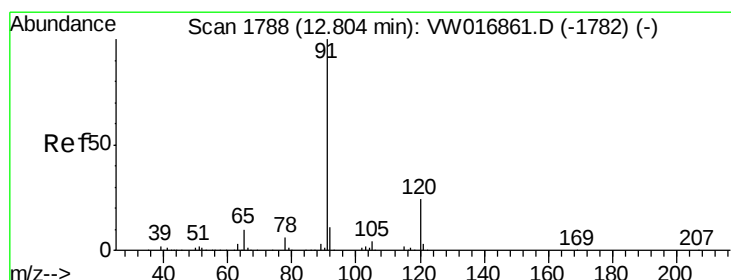
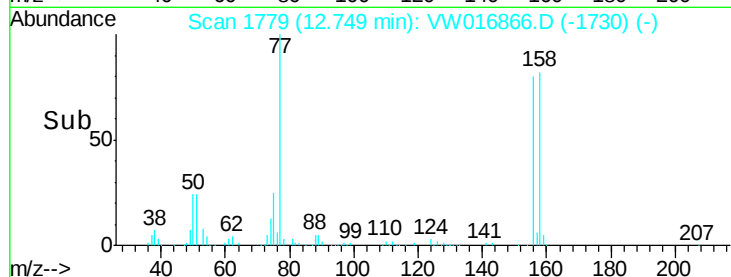
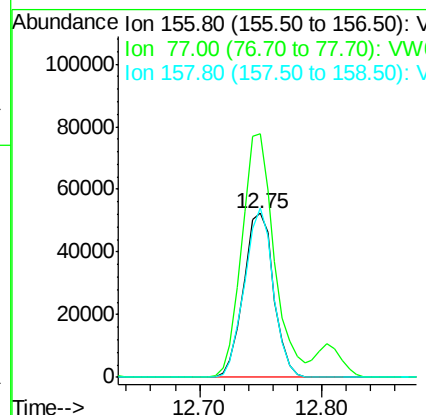
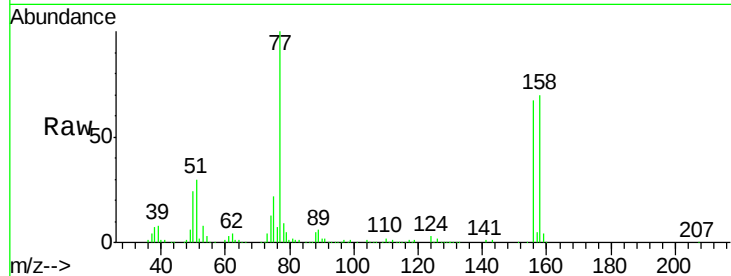
ClientSampleId :

VW1010SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	158.8	79.0	237.2	
158	98.1	47.0	141.2	

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#78

n-propylbenzene

Concen: 21.213 ug/l

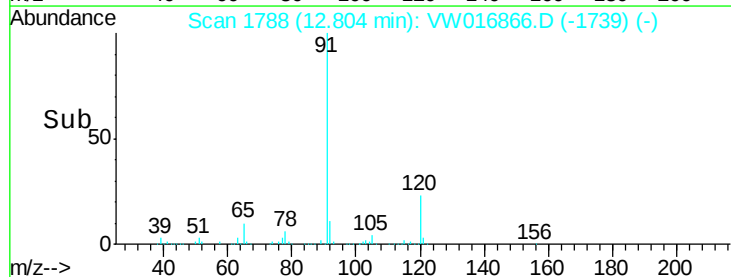
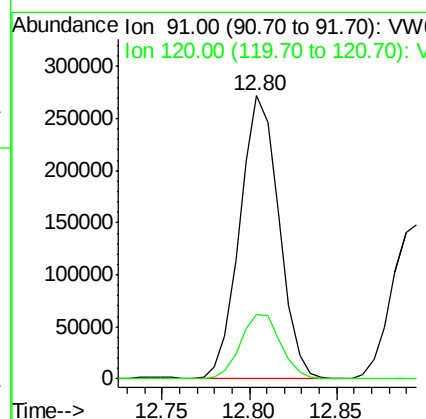
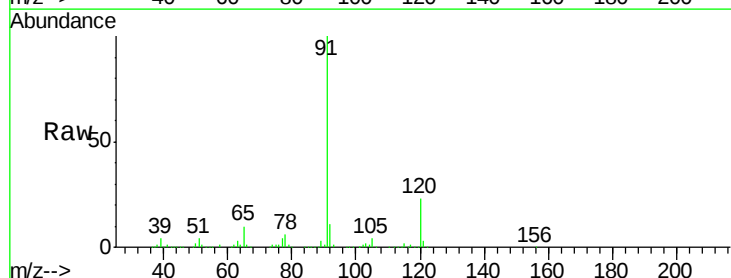
RT: 12.80 min Scan# 1788

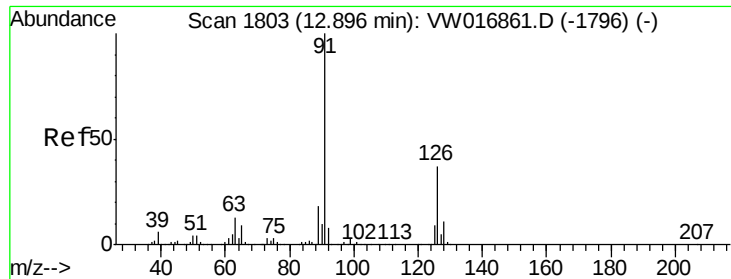
Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.6	12.0	36.1	





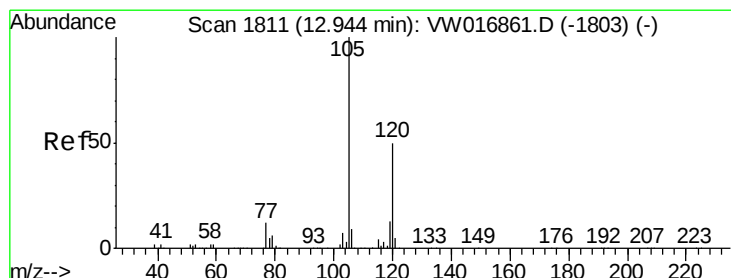
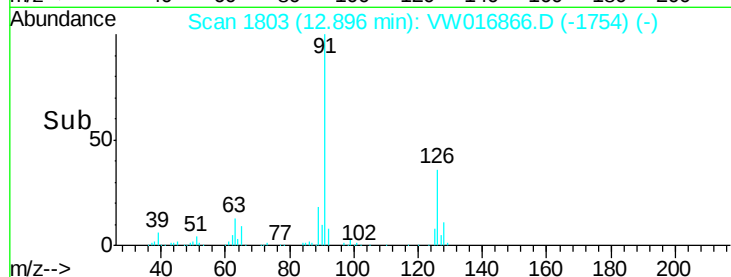
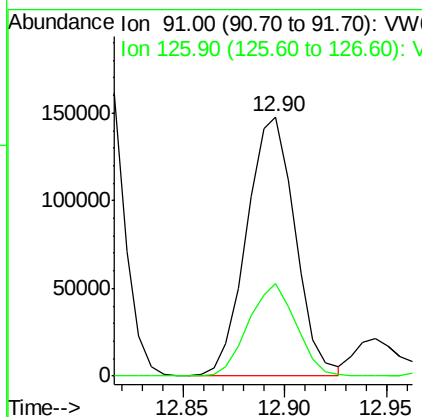
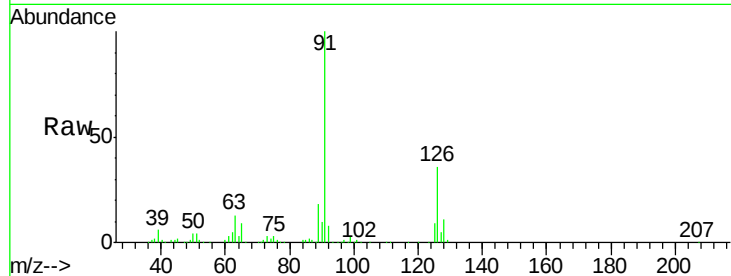
#79
2-Chlorotoluene
Concen: 21.522 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion: 91 Resp: 243857
Ion Ratio Lower Upper
91 100
126 35.1 17.9 53.8

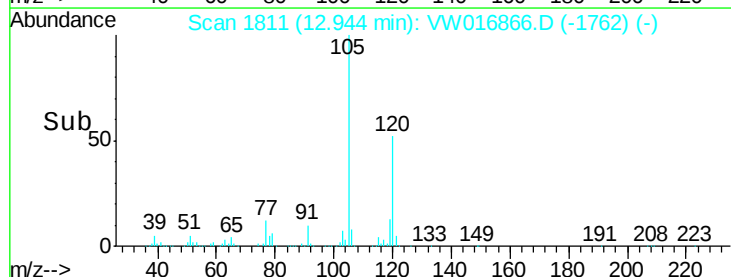
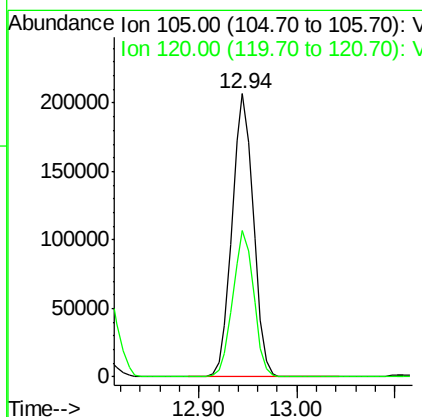
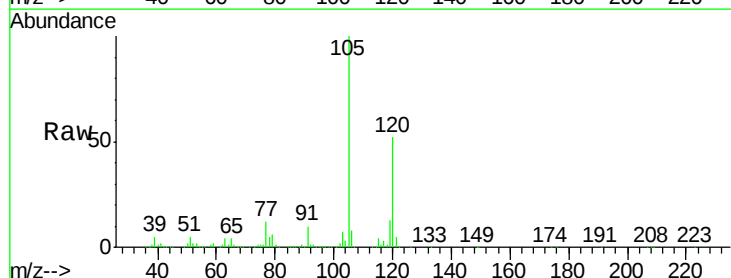
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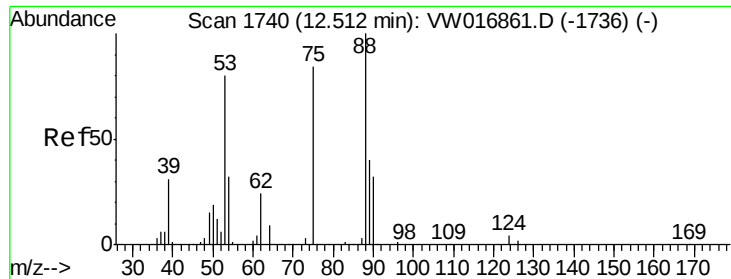
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#80
1,3,5-Trimethylbenzene
Concen: 21.750 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion: 105 Resp: 313925
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.8





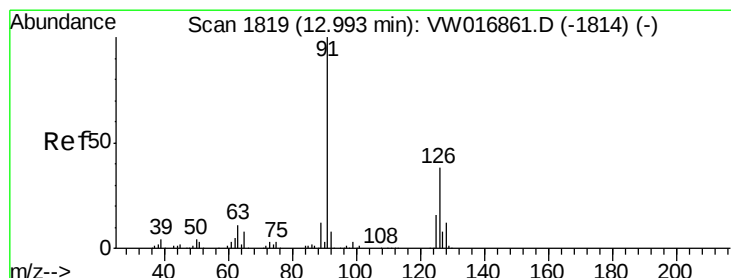
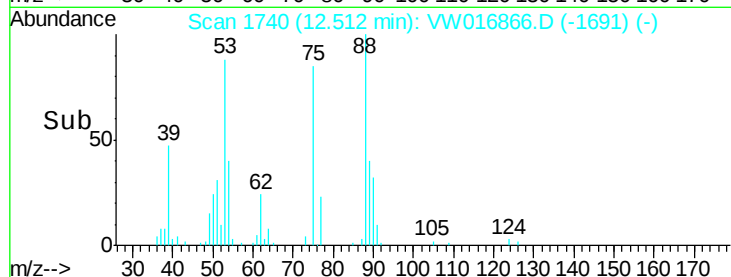
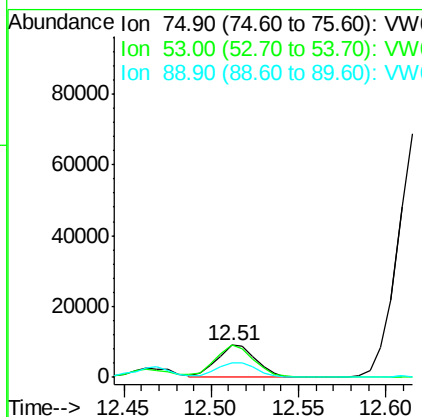
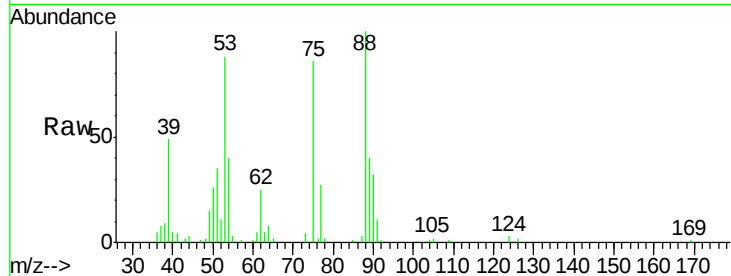
#81
trans-1,4-Dichloro-2-butene
Concen: 19.297 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.2	77.0	115.4
89	48.8	38.7	58.1

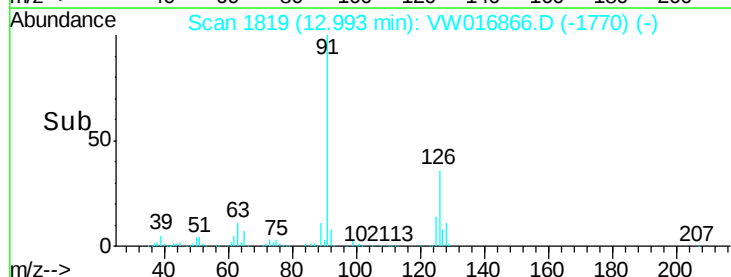
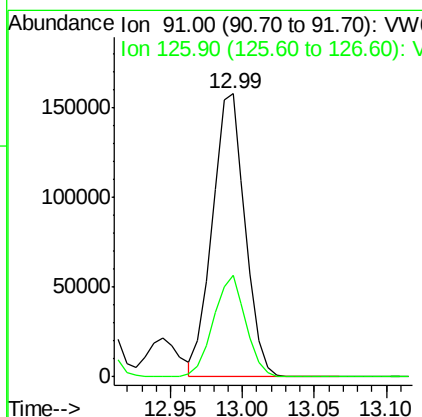
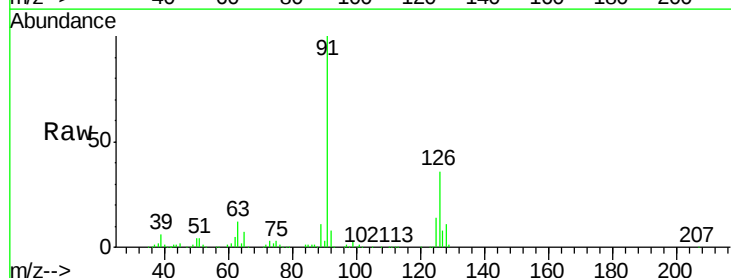
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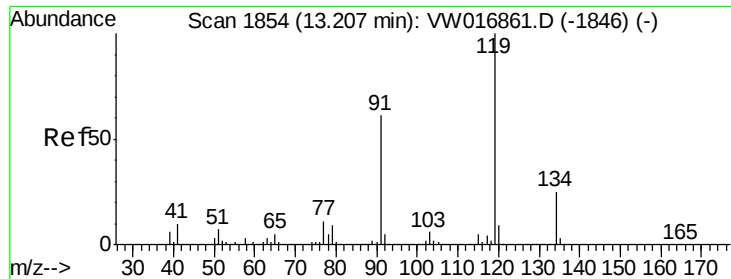
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#82
4-Chlorotoluene
Concen: 21.396 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	18.1	54.3





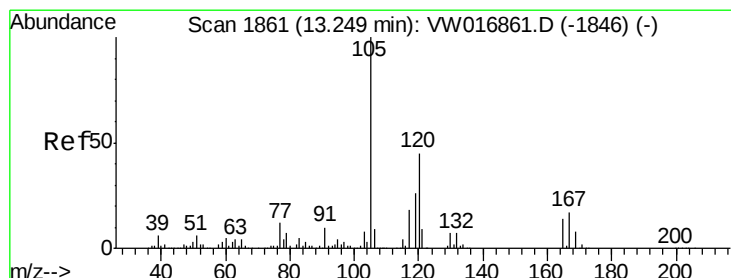
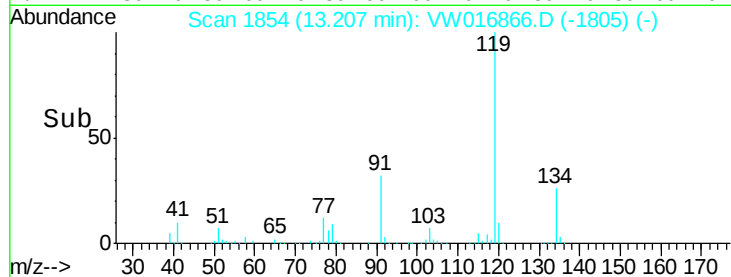
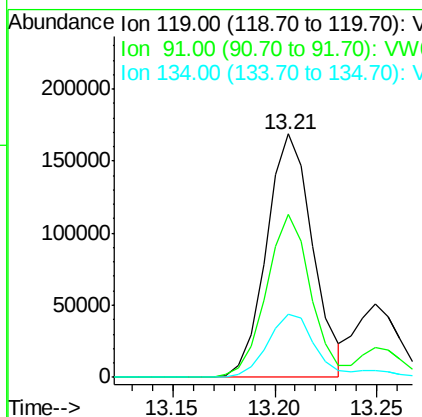
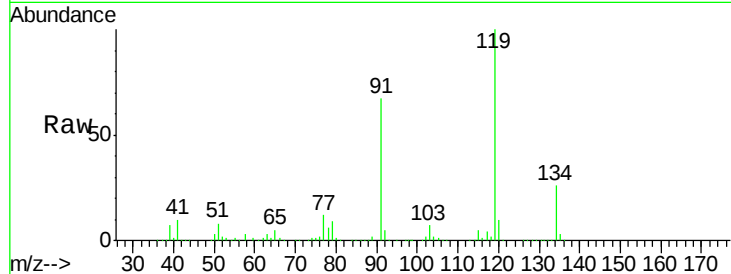
#83
tert-Butylbenzene
Concen: 21.249 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	266370		
91	65.2	31.3	93.9	
134	26.2	14.0	42.0	

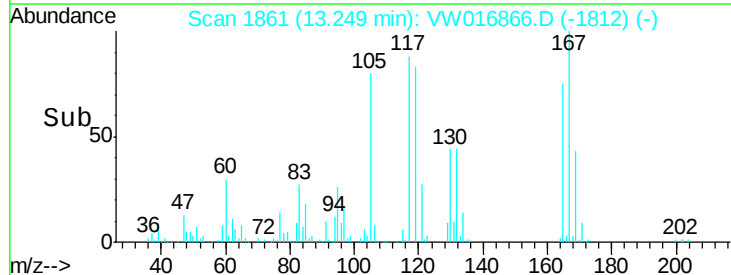
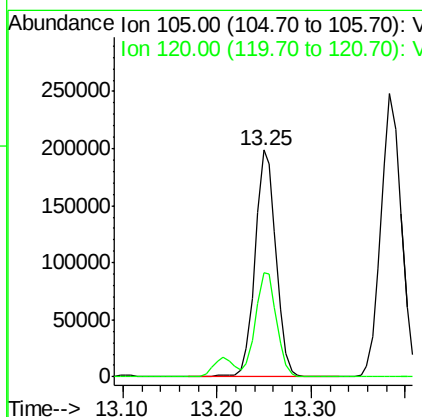
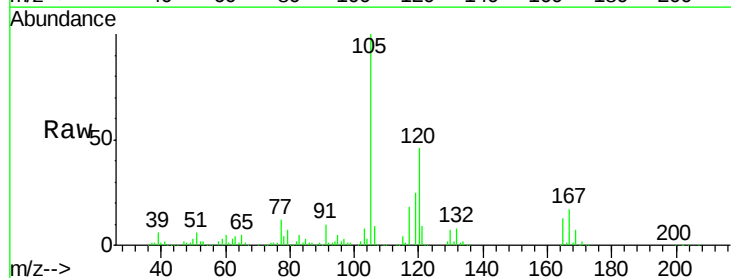
Manual Integrations
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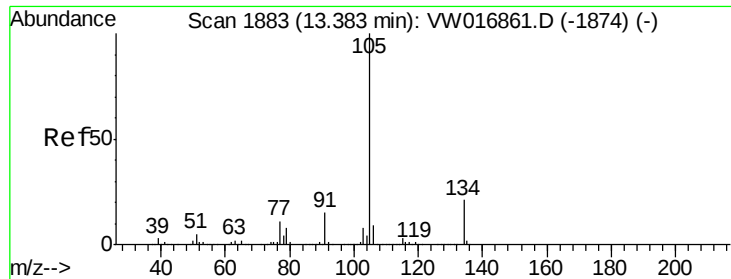
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#84
1,2,4-Trimethylbenzene
Concen: 21.619 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	310927		
120	46.4	23.4	70.0	





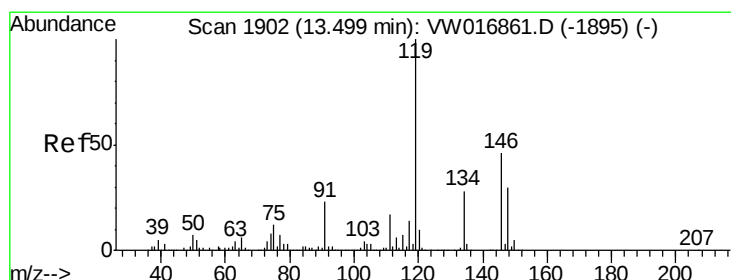
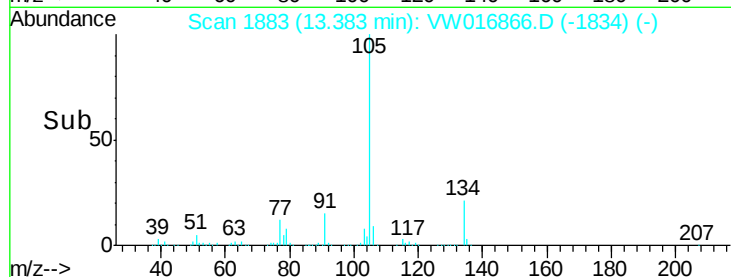
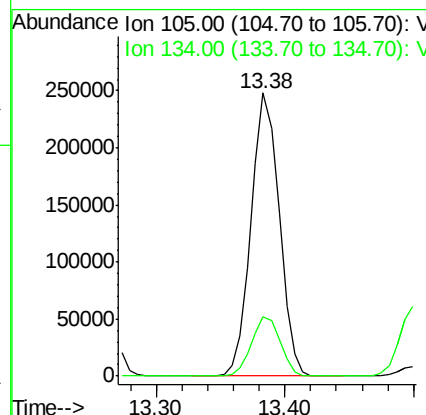
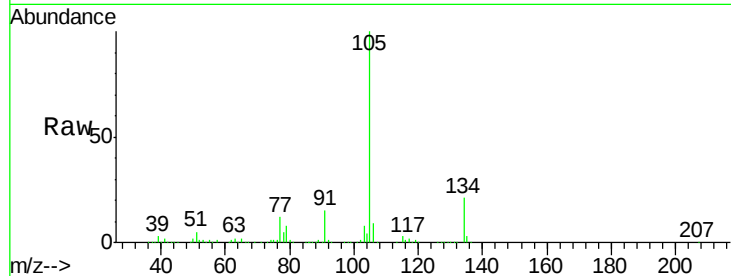
#85
 sec-Butylbenzene
 Concen: 21.437 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.6	31.8

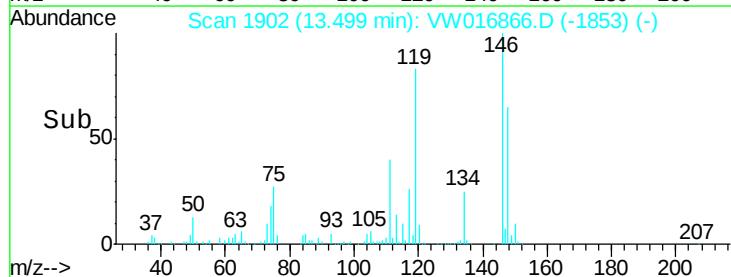
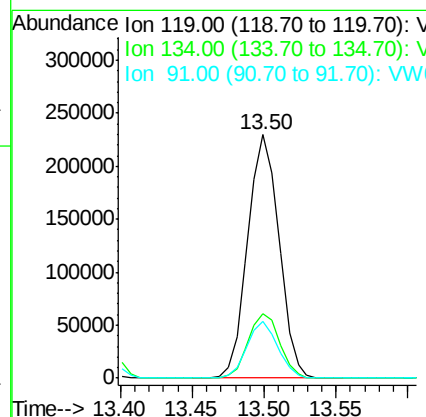
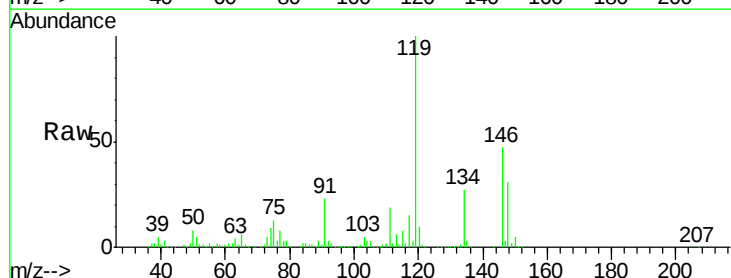
Manual Integrations
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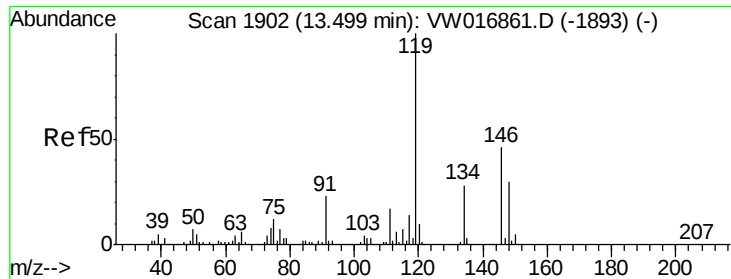
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#86
 p-Isopropyltoluene
 Concen: 21.253 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.8	41.3
91	22.7	11.3	33.9





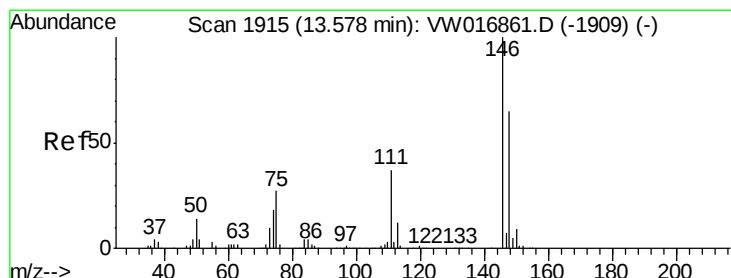
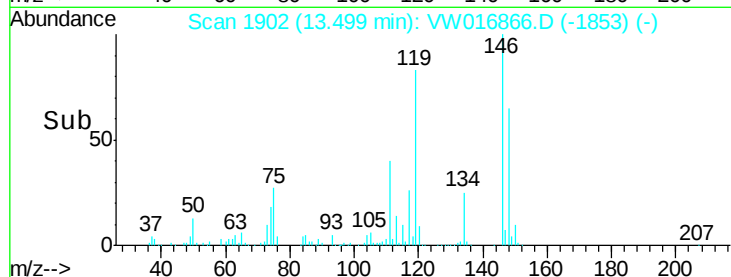
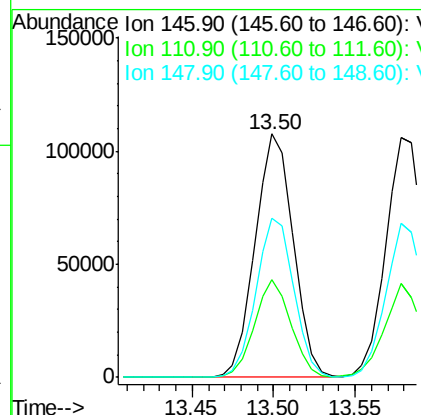
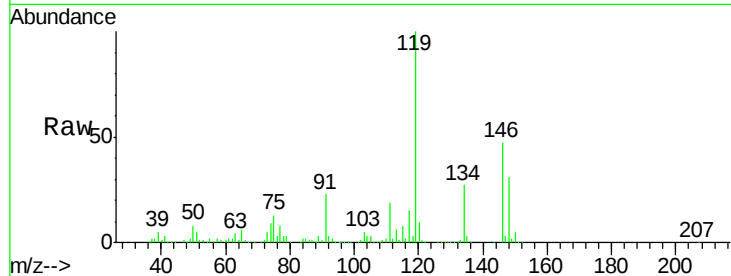
#87
 1,3-Dichlorobenzene
 Concen: 21.326 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	175575		
111	38.3	19.1	57.5	
148	64.6	32.5	97.4	

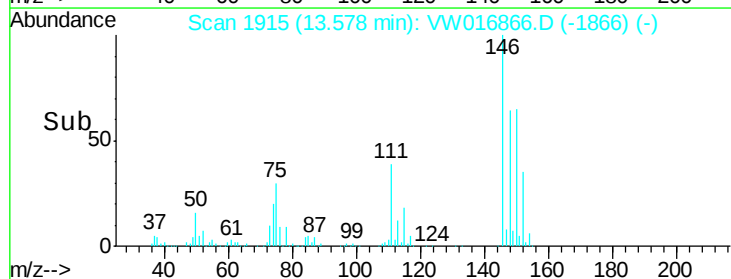
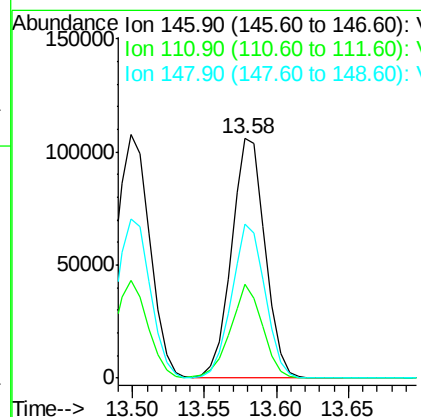
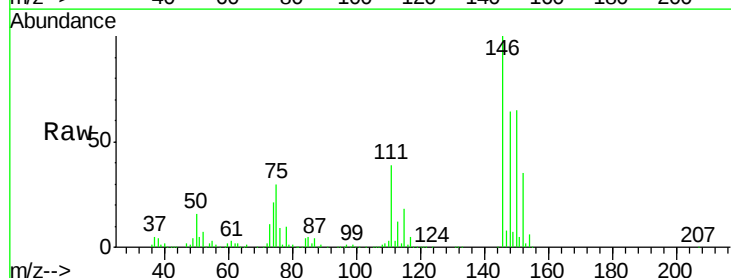
Manual Integrations
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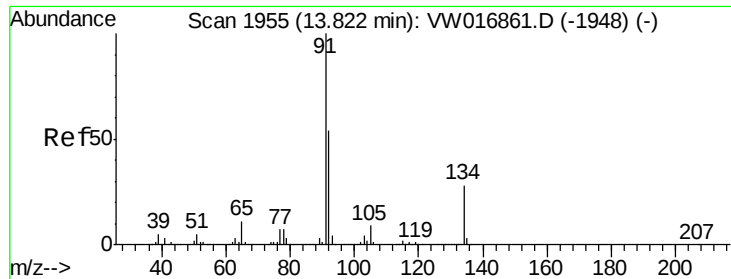
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#88
 1,4-Dichlorobenzene
 Concen: 21.230 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	172241		
111	37.8	18.5	55.5	
148	64.1	31.8	95.4	





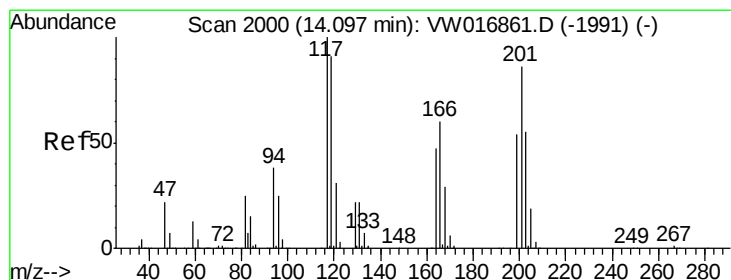
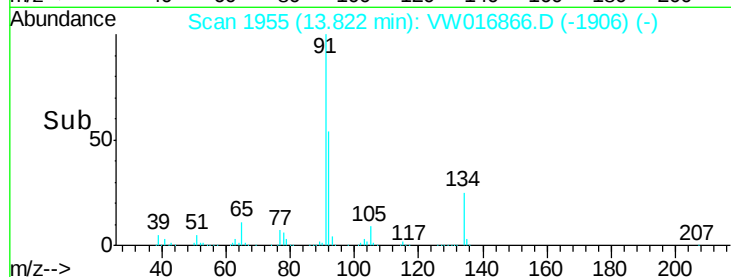
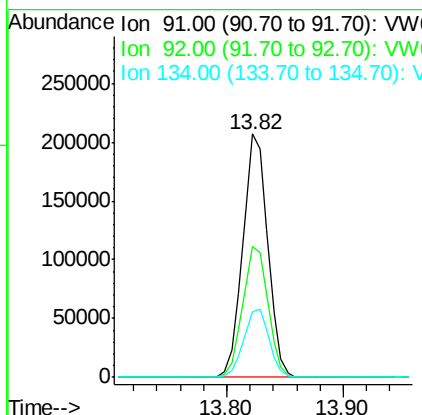
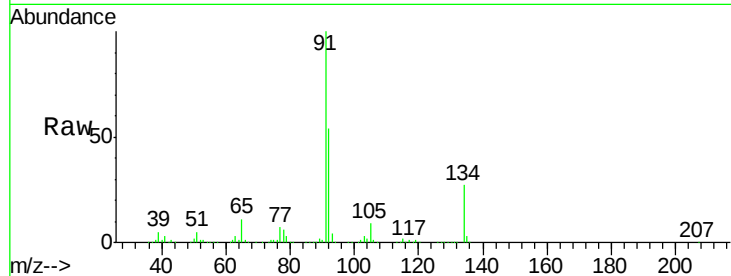
#89
n-Butylbenzene
Concen: 21.144 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.6	79.7
134	28.5	14.3	42.9

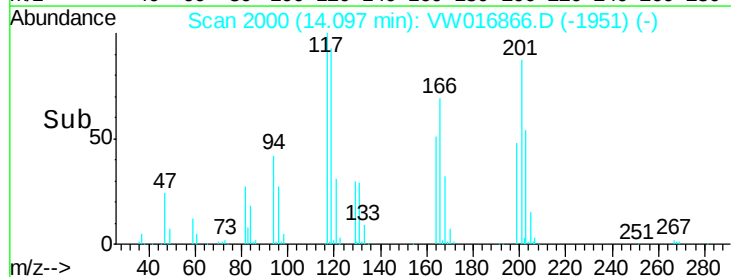
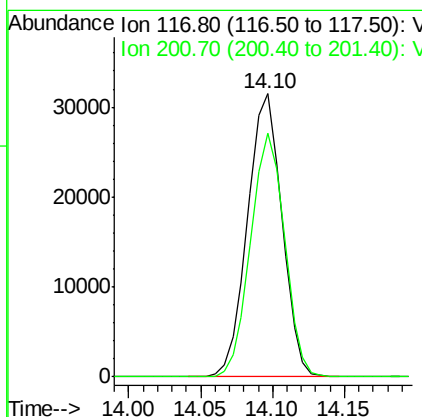
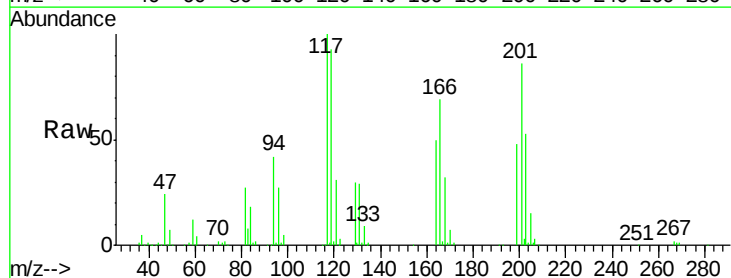
Manual Integrations
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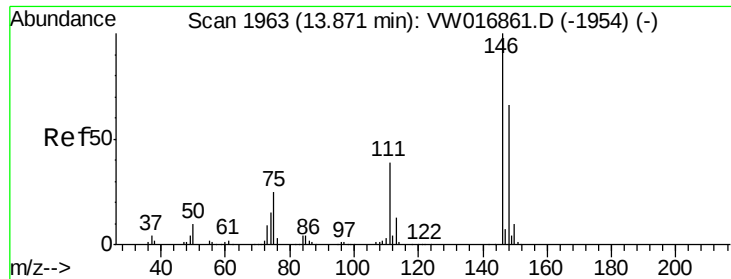
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#90
Hexachloroethane
Concen: 20.770 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.8	41.9	125.7





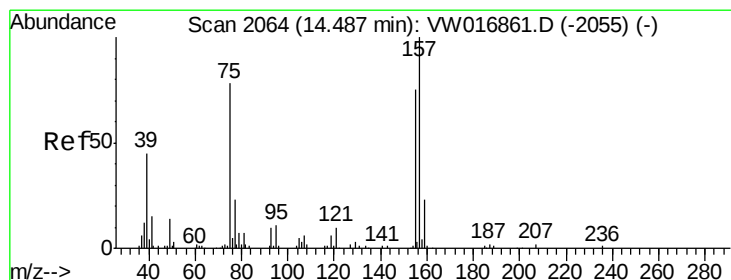
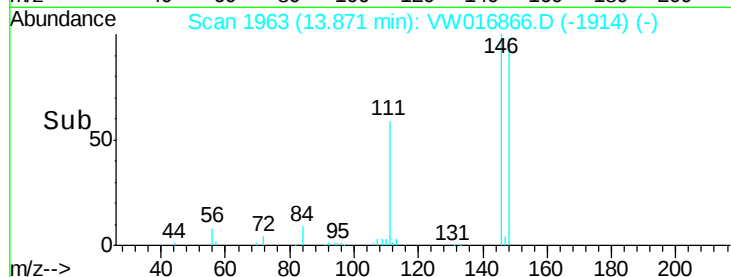
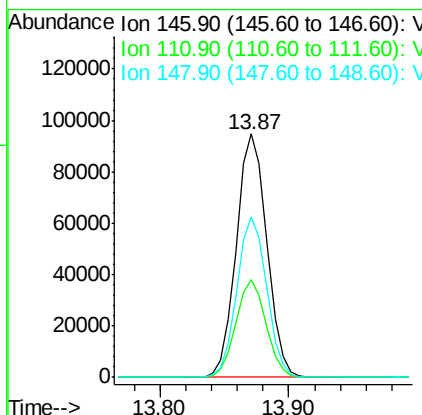
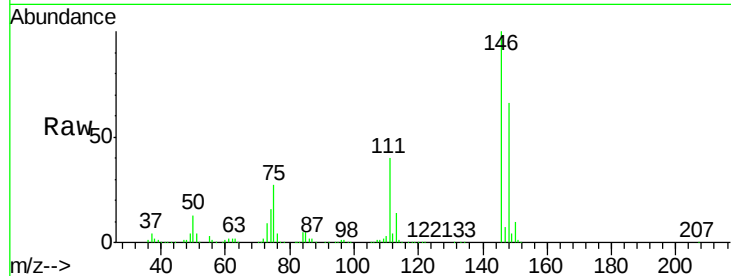
#91
 1,2-Dichlorobenzene
 Concen: 21.820 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	154996		
111	39.7	20.1	60.3	
148	64.4	33.1	99.3	

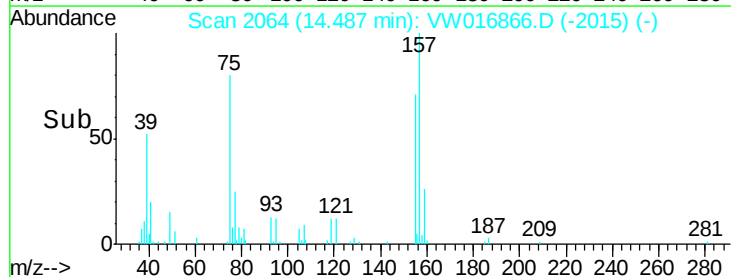
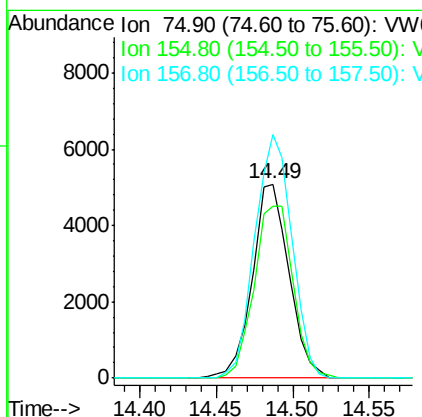
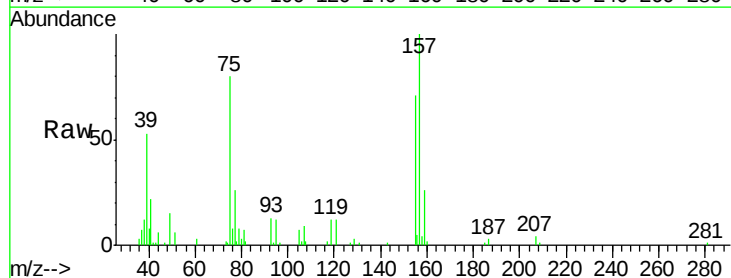
Manual Integrations
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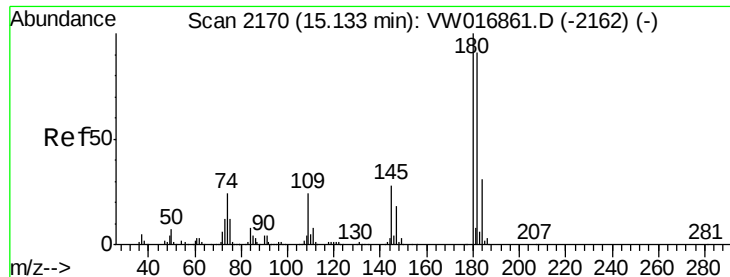
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 10/12/2020 4:20:46 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.595 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	8523		
155	94.0	47.6	142.8	
157	126.6	62.2	186.6	





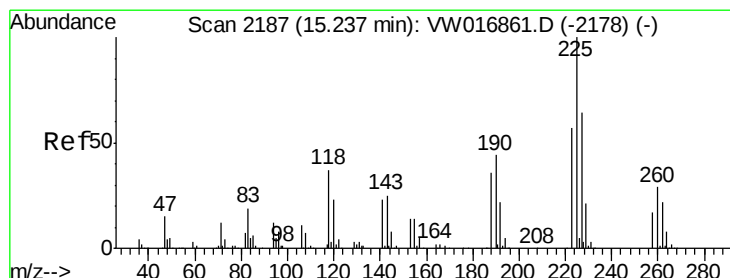
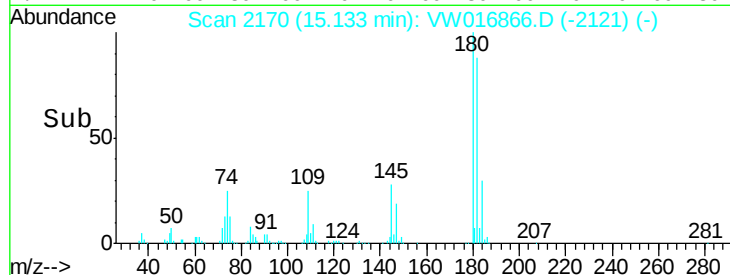
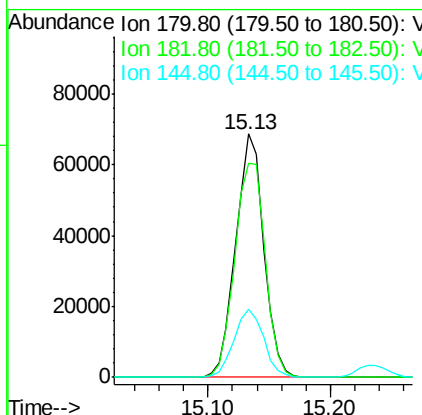
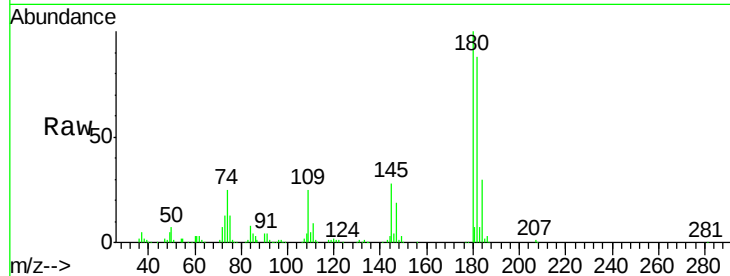
#93
 1,2,4-Trichlorobenzene
 Concen: 22.203 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	108824		
182	95.8	48.3	144.9	
145	29.4	14.9	44.5	

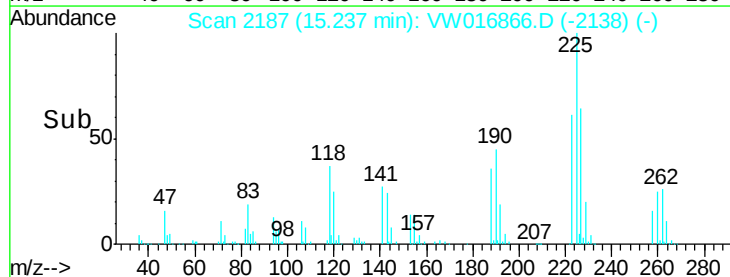
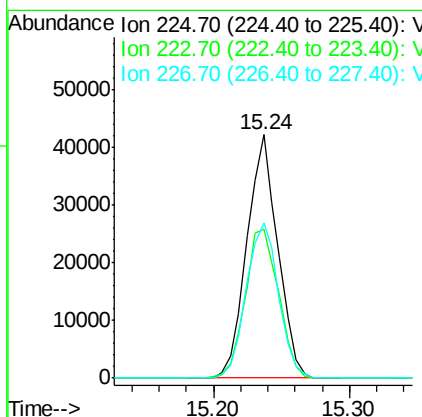
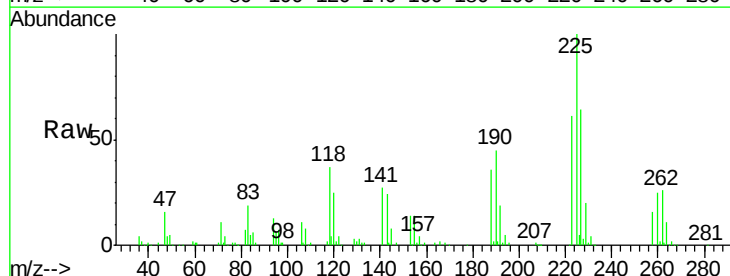
Manual Integrations
 APPROVED

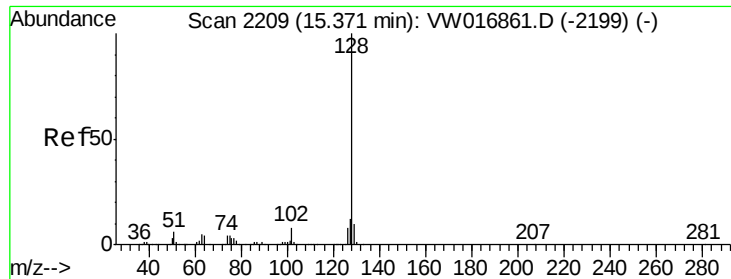
MMDadoda
 10/12/2020 4:20:46 PM



#94
 Hexachlorobutadiene
 Concen: 21.124 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67115		
223	66.2	31.9	95.7	
227	66.8	33.0	99.0	





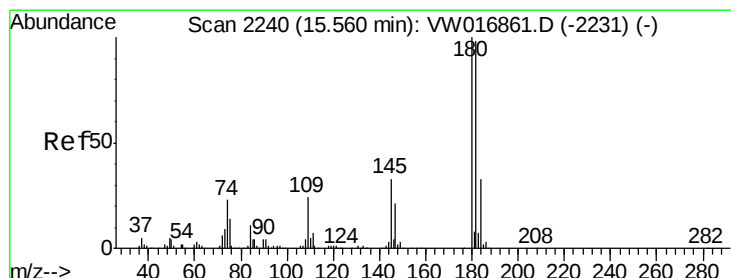
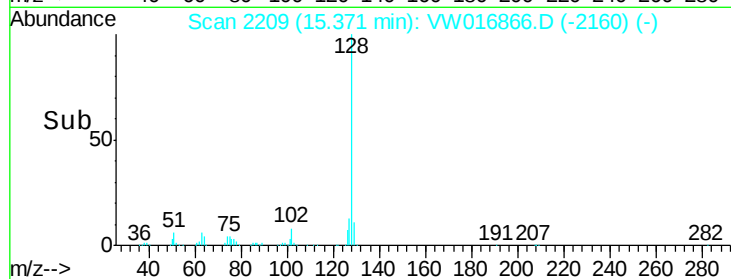
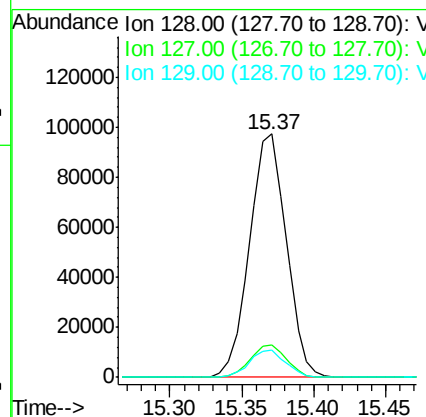
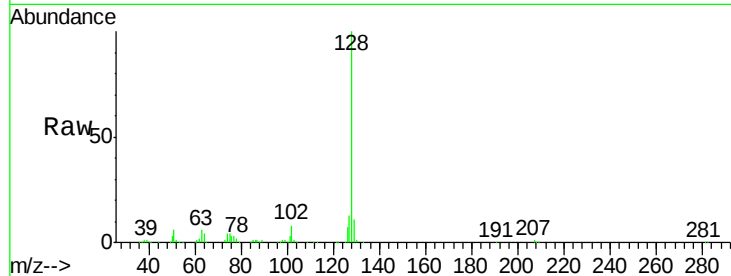
#95
Naphthalene
Concen: 21.569 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/12/2020 4:20:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.559 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	49.4	148.2
145	32.0	16.3	48.9

