

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101020\
 Data File : VW016867.D
 Acq On : 09 Oct 2020 18:31
 Operator : SY/VA
 Sample : VW1010SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 4:20:49 PM

Quant Time: Oct 12 14:47:33 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	7.95	168	372418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	553462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	491270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	252940	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	166463	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
35) Dibromofluoromethane	7.89	113	175301	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.33	98	655808	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.62	95	233425	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	46047	23.138	ug/l	99
3) Chloromethane	2.21	50	46693	20.965	ug/l	98
4) Vinyl Chloride	2.37	62	69234	21.496	ug/l	97
5) Bromomethane	2.78	94	52219	21.111	ug/l	95
6) Chloroethane	2.93	64	43288	21.120	ug/l	96
7) Trichlorofluoromethane	3.26	101	47286	20.166	ug/l	97
8) Diethyl Ether	3.68	74	31127	21.253	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	65250	20.666	ug/l	98
10) Methyl Iodide	4.28	142	108836	21.562	ug/l	100
11) Tert butyl alcohol	5.18	59	19686	132.975	ug/l #	91
12) 1,1-Dichloroethene	4.05	96	65494	21.015	ug/l	97
13) Acrolein	3.90	56	21496	107.404	ug/l	93
14) Allyl chloride	4.68	41	78648	21.082	ug/l	99
15) Acrylonitrile	5.37	53	55832	114.525	ug/l	97
16) Acetone	4.13	43	52314	106.628	ug/l	98
17) Carbon Disulfide	4.39	76	174260	21.016	ug/l	96
18) Methyl Acetate	4.68	43	27315	24.274	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	77240	22.995	ug/l	98
20) Methylene Chloride	4.92	84	77693	20.887	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	74120	21.185	ug/l	94
22) Diisopropyl ether	6.32	45	146209	21.564	ug/l	98
23) Vinyl Acetate	6.26	43	477173	109.833	ug/l	100
24) 1,1-Dichloroethane	6.22	63	112888	20.997	ug/l	99
25) 2-Butanone	7.17	43	76076	116.311	ug/l	99
26) 2,2-Dichloropropane	7.17	77	69118	21.013	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	79656	21.257	ug/l	99
28) Bromochloromethane	7.52	49	43316	20.131	ug/l	100
29) Tetrahydrofuran	7.54	42	44675	121.941	ug/l	98
30) Chloroform	7.68	83	124573	21.314	ug/l	99
31) Cyclohexane	7.96	56	95788	20.888	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	104123	21.120	ug/l	99
36) 1,1-Dichloropropene	8.09	75	98378	20.563	ug/l	99
37) Ethyl Acetate	7.26	43	36007	23.034	ug/l	98
38) Carbon Tetrachloride	8.07	117	101108	20.324	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	111048	20.352	ug/l	97
40) Benzene	8.33	78	271995	20.402	ug/l	99
41) Methacrylonitrile	7.48	41	19606	21.165	ug/l	98
42) 1,2-Dichloroethane	8.40	62	77281	21.192	ug/l	99
43) Isopropyl Acetate	8.43	43	64490	21.535	ug/l	100
44) Trichloroethene	9.10	130	84795	20.550	ug/l	98
45) 1,2-Dichloropropane	9.37	63	61924	20.369	ug/l	100
46) Dibromomethane	9.46	93	36391	20.928	ug/l	98
47) Bromodichloromethane	9.65	83	88601	20.492	ug/l	91
48) Methyl methacrylate	9.44	41	30510	22.109	ug/l	96
49) 1,4-Dioxane	9.46	88	9114	455.660	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	168317	111.101	ug/l	100
52) Toluene	10.39	92	182395	20.697	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	80254	20.389	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	98623	20.513	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	52404	21.172	ug/l	98
56) Ethyl methacrylate	10.65	69	58725	21.810	ug/l	98
57) 1,3-Dichloropropane	10.93	76	86632	21.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	156495	104.882	ug/l	100
59) 2-Hexanone	10.97	43	111517	111.253	ug/l	98
60) Dibromochloromethane	11.13	129	61609	20.294	ug/l	99
61) 1,2-Dibromoethane	11.24	107	51474	20.999	ug/l	96
64) Tetrachloroethene	10.87	164	71788	20.510	ug/l	94
65) Chlorobenzene	11.66	112	197278	20.473	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	69274	20.329	ug/l	100
67) Ethyl Benzene	11.73	91	343635	20.465	ug/l	99
68) m/p-Xylenes	11.84	106	271597	41.589	ug/l	100
69) o-Xylene	12.17	106	126632	21.130	ug/l	99
70) Styrene	12.18	104	212360	21.291	ug/l	99
71) Bromoform	12.35	173	35148	20.545	ug/l #	100
73) Isopropylbenzene	12.47	105	348555	20.732	ug/l	99
74) N-amyl acetate	12.27	43	57291	21.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	57361	21.745	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	41047m	21.748	ug/l	
77) Bromobenzene	12.75	156	85320	20.530	ug/l	98
78) n-propylbenzene	12.80	91	400482	20.656	ug/l	100
79) 2-Chlorotoluene	12.90	91	229377	20.739	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	290143	20.593	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	14577	20.760	ug/l	95
82) 4-Chlorotoluene	12.99	91	238022	20.847	ug/l	99
83) tert-Butylbenzene	13.21	119	255687	20.895	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	291089	20.734	ug/l	98
85) sec-Butylbenzene	13.38	105	352054	20.669	ug/l	100
86) p-Isopropyltoluene	13.50	119	323908	20.422	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	162758	20.252	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	164510	20.773	ug/l	99
89) n-Butylbenzene	13.82	91	289322	20.248	ug/l	99
90) Hexachloroethane	14.10	117	48822	19.949	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	143019	20.626	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8783	21.742	ug/l	99

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ClientSampleId :
VW1010SBSD01

Manual Integrations
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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	15.14	180	101367	21.187	ug/l	97
94) Hexachlorobutadiene	15.24	225	62436	20.131	ug/l	98
95) Naphthalene	15.37	128	172028	22.124	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	85356	20.508	ug/l	99

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

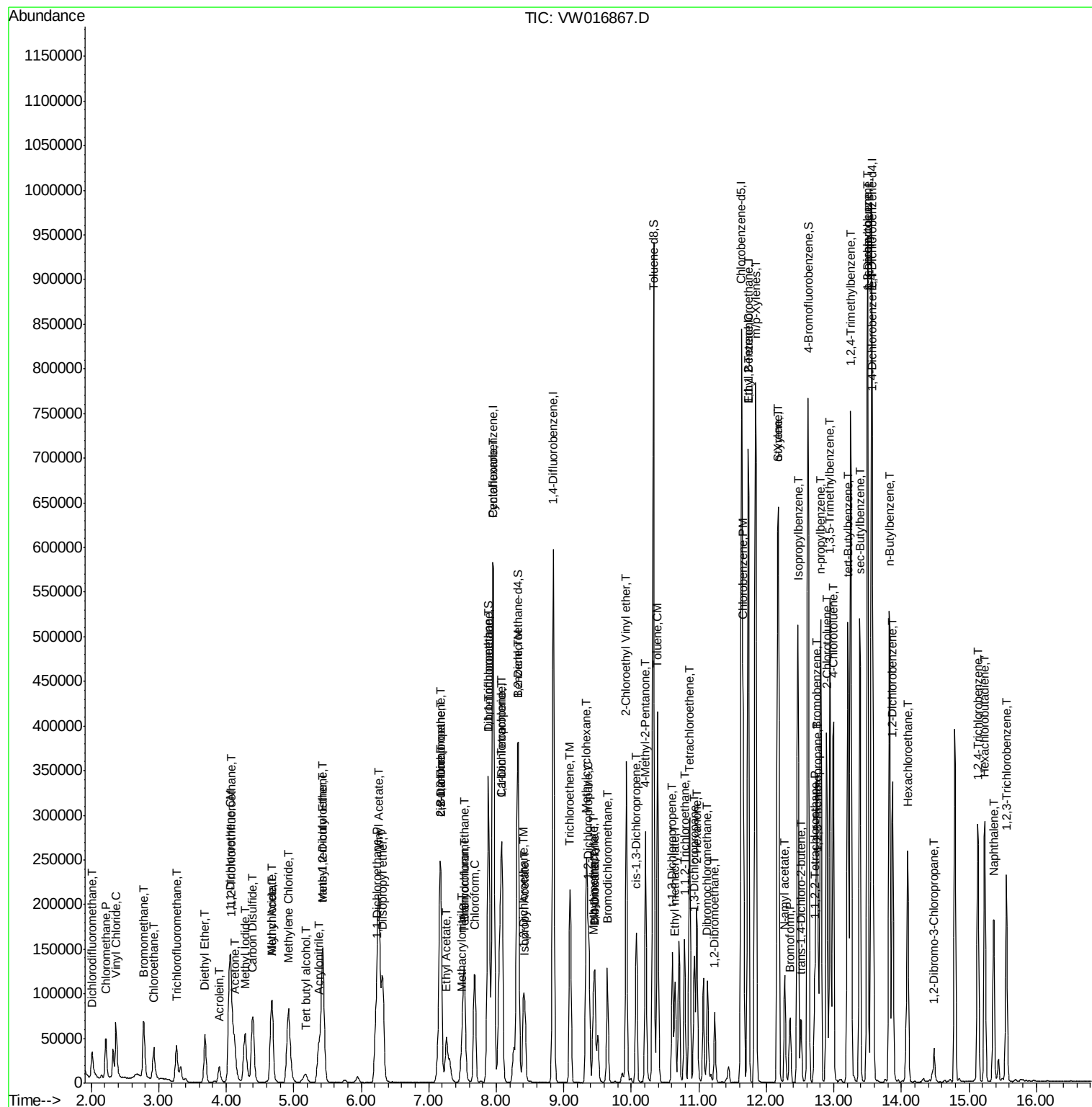
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101020\
Data File : VW016867.D
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ALS Vial : 15 Sample Multiplier: 1

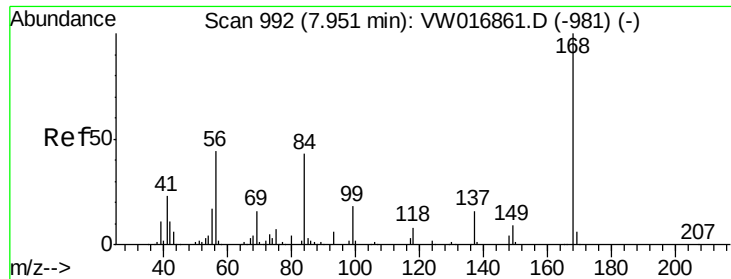
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion:168 Resp: 372418

Ion Ratio Lower Upper

168 100

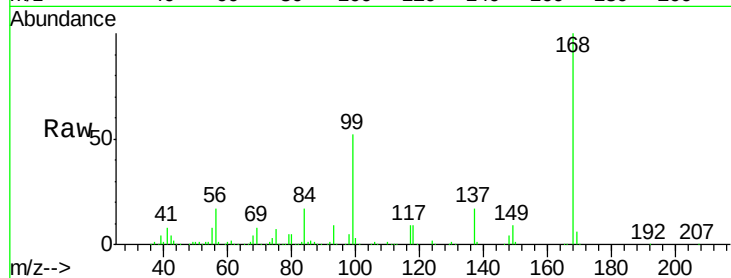
99 52.2 40.7 61.1

Manual Integrations

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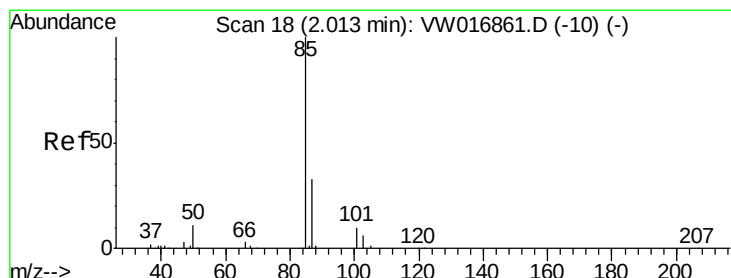
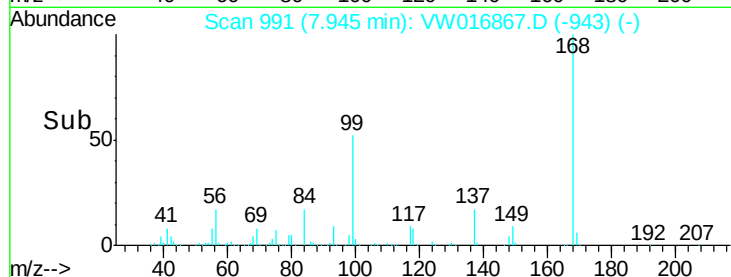
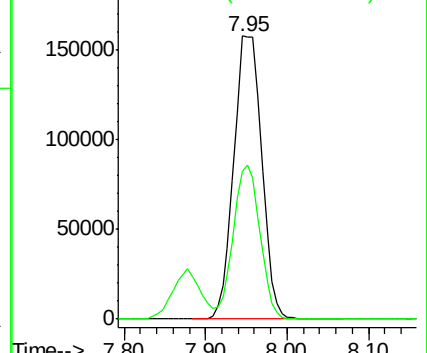
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 23.138 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW016867.D

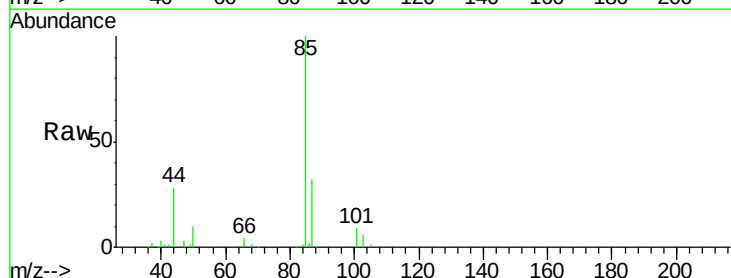
Acq: 09 Oct 2020 18:31

Tgt Ion: 85 Resp: 46047

Ion Ratio Lower Upper

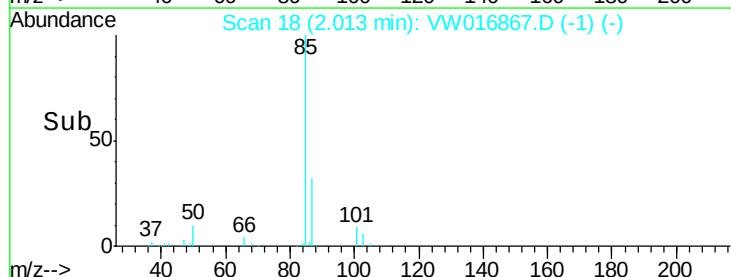
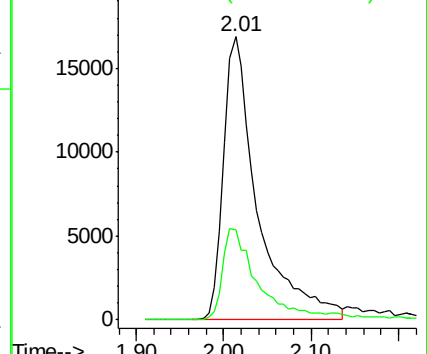
85 100

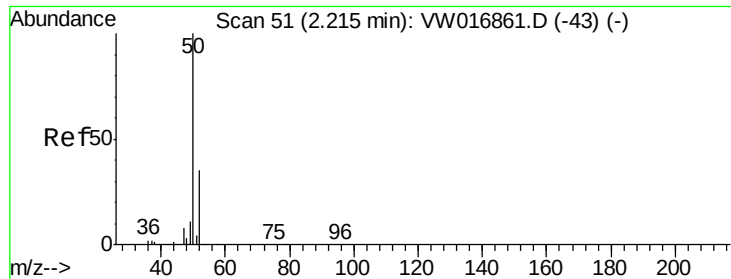
87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.965 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion: 50 Resp: 46693

Ion Ratio Lower Upper

50 100

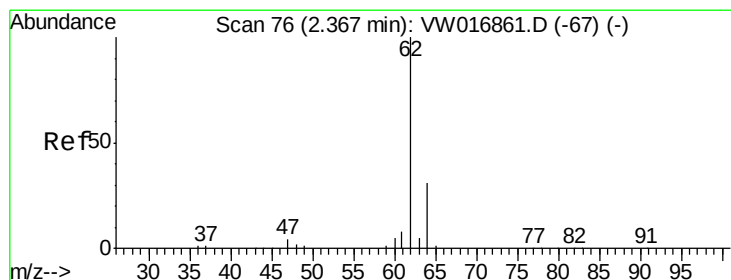
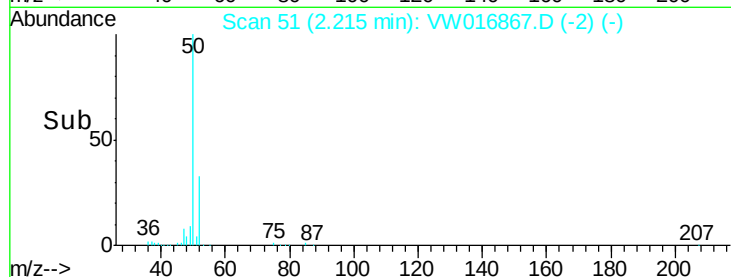
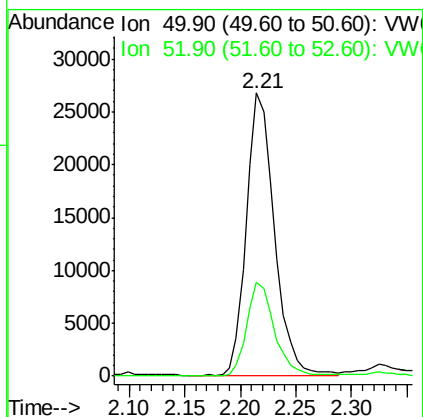
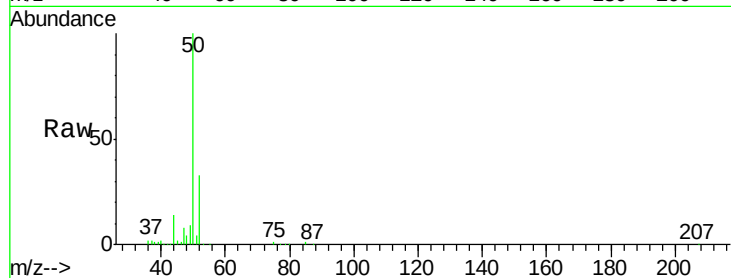
52 33.1 27.6 41.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.496 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016867.D

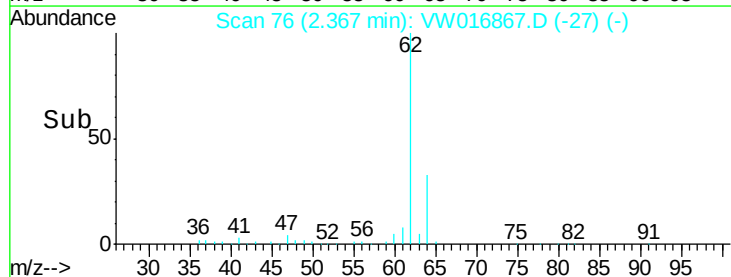
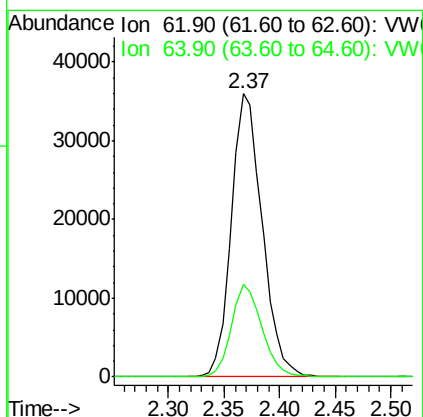
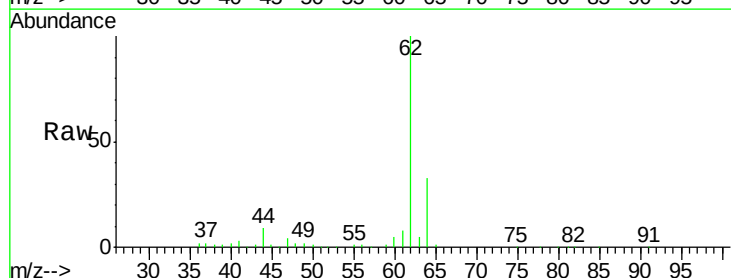
Acq: 09 Oct 2020 18:31

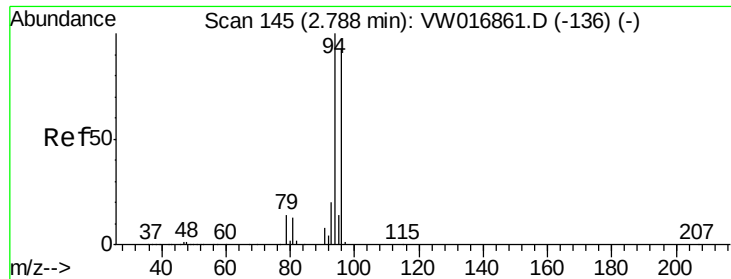
Tgt Ion: 62 Resp: 69234

Ion Ratio Lower Upper

62 100

64 32.9 25.0 37.4





#5

Bromomethane

Concen: 21.111 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion: 94 Resp: 52219

Ion Ratio Lower Upper

94 100

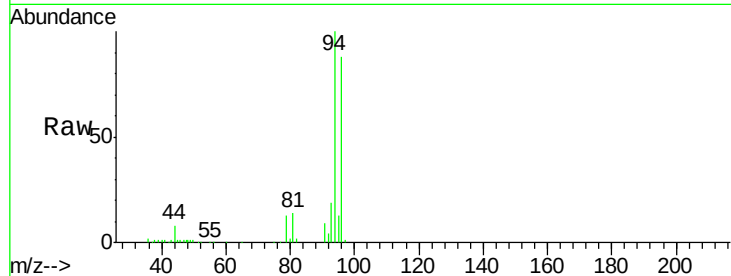
96 88.4 74.7 112.1

Manual Integrations

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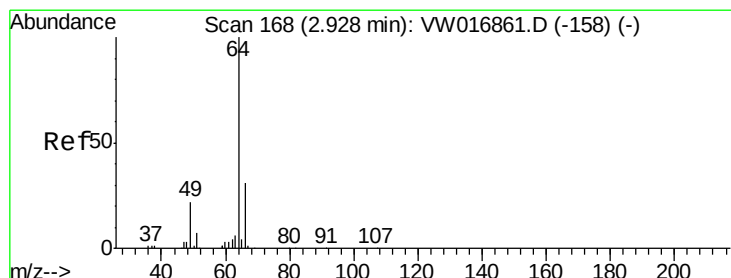
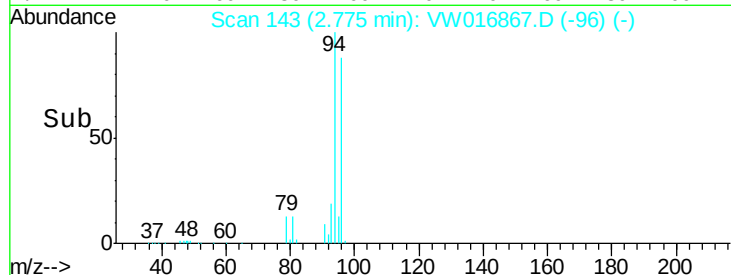
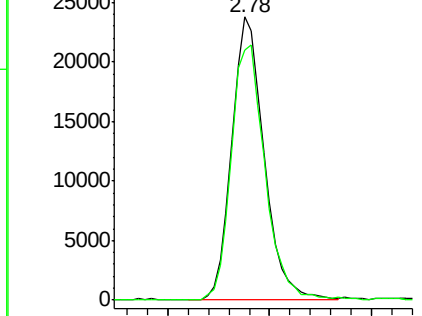
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.120 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016867.D

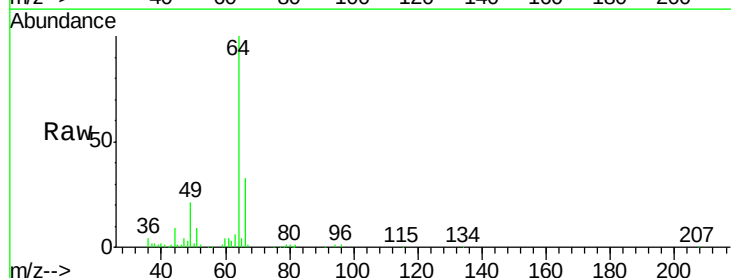
Acq: 09 Oct 2020 18:31

Tgt Ion: 64 Resp: 43288

Ion Ratio Lower Upper

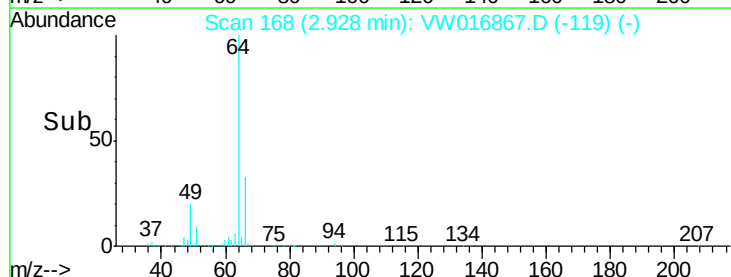
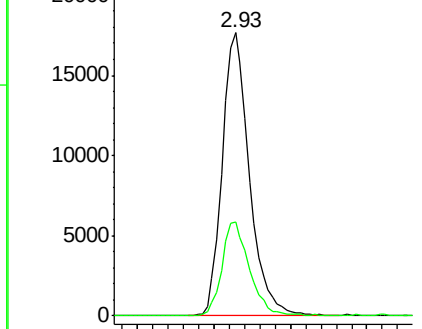
64 100

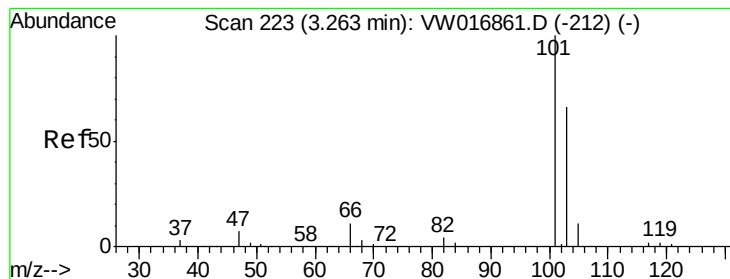
66 33.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

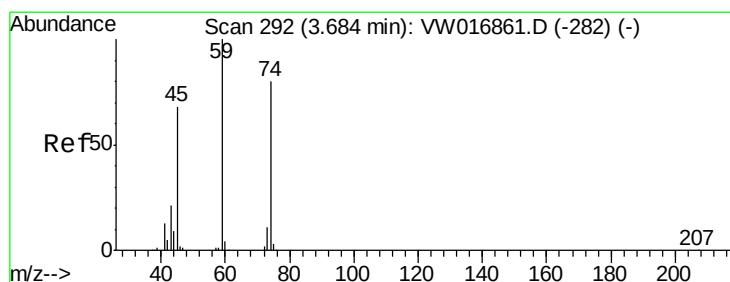
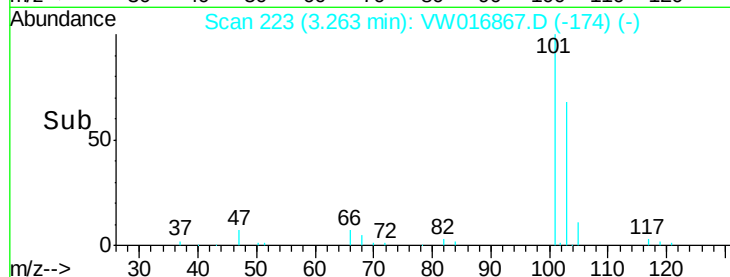
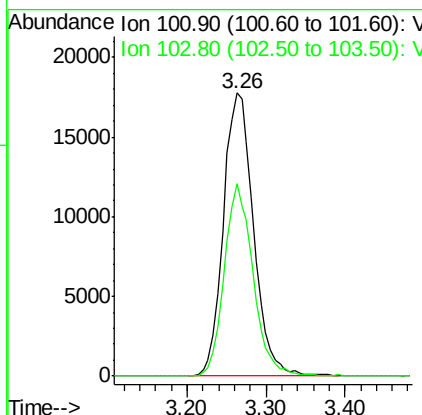
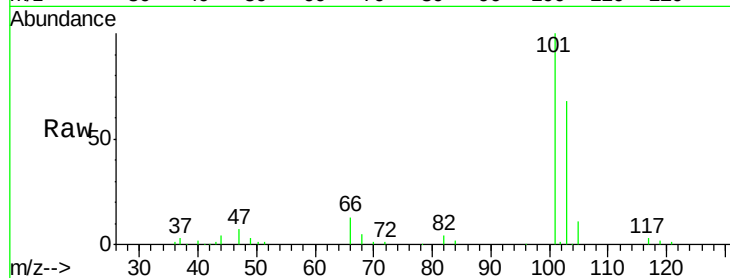
Trichlorofluoromethane
Concen: 20.166 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.1	52.6	79.0

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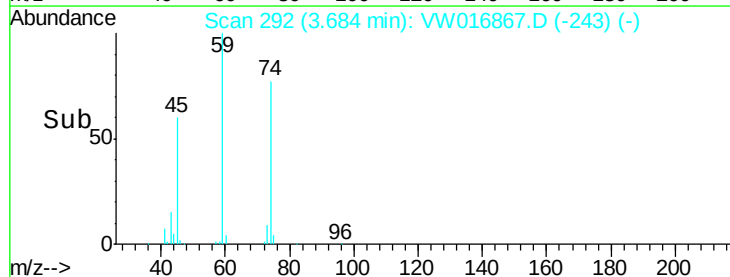
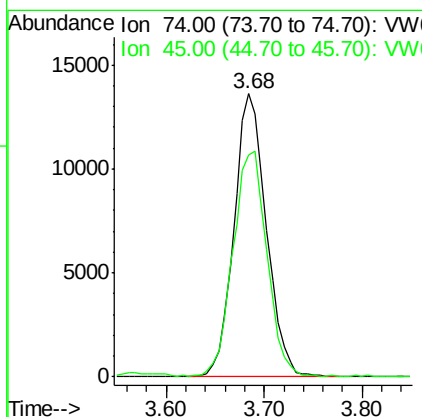
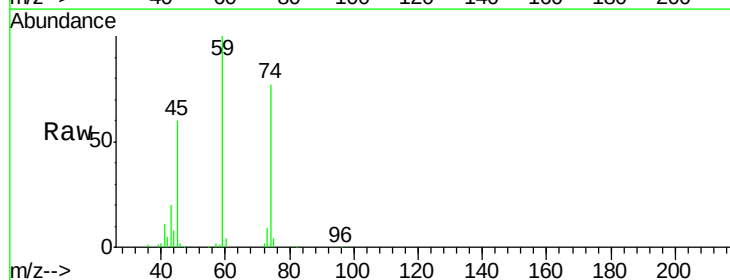
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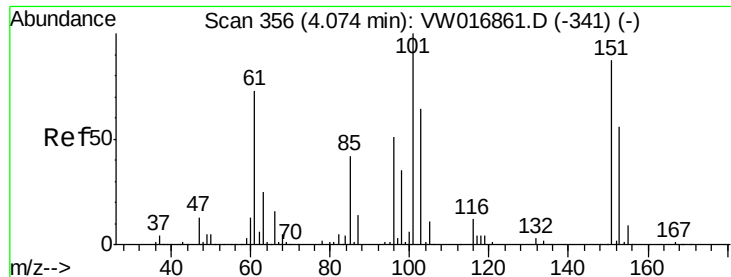


#8

Diethyl Ether
Concen: 21.253 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.4	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.666 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

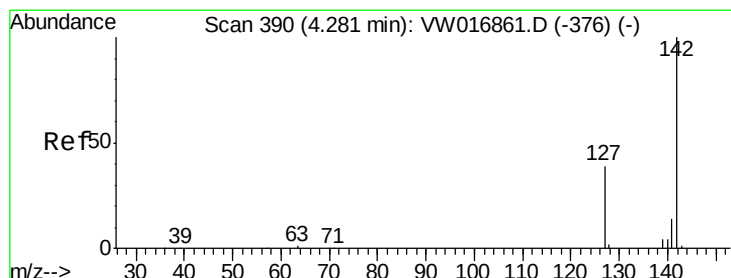
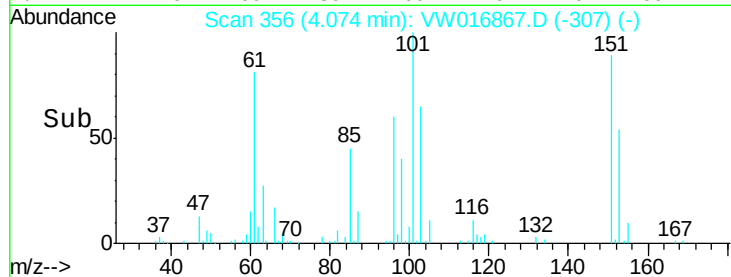
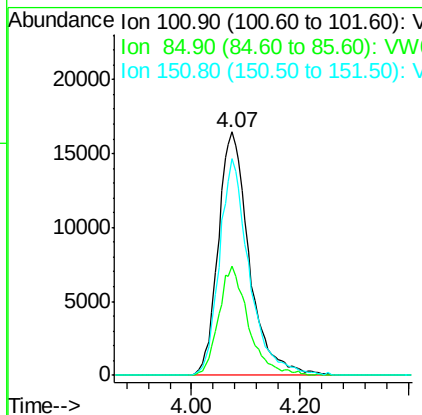
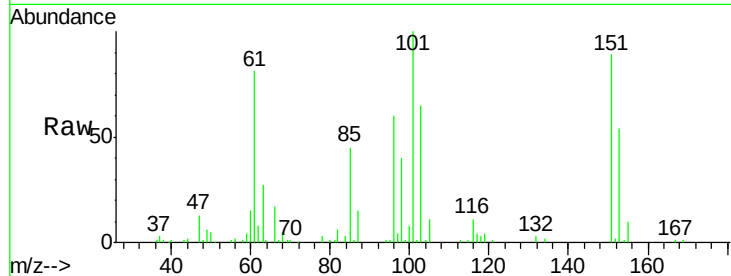
ClientSampleId :

VW1010SBSD01

Tot Ion:	101	Resp:	65250
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.2	49.8
151	85.6	66.6	100.0

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#10

Methyl Iodide

Concen: 21.562 ug/l

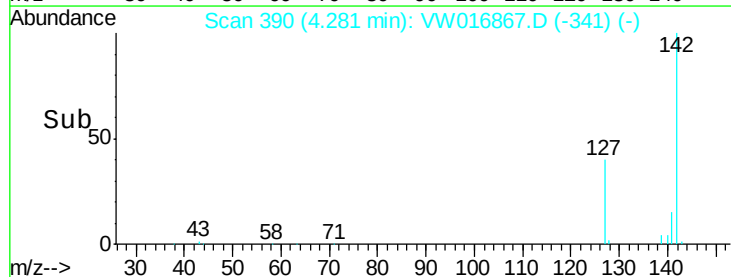
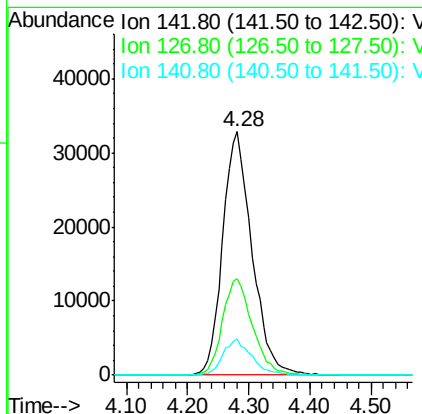
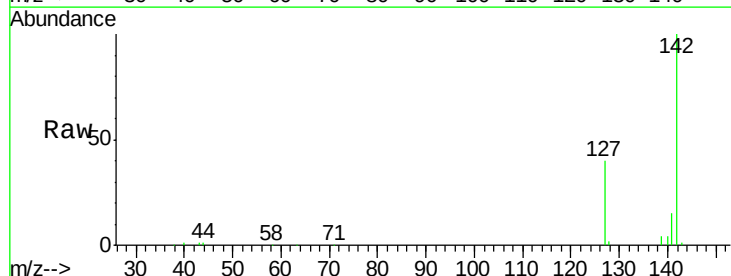
RT: 4.28 min Scan# 390

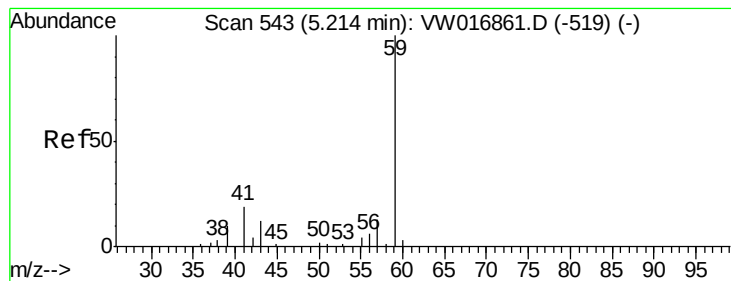
Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tgt Ion:	142	Resp:	108836
Ion Ratio	Lower	Upper	
142	100		
127	40.3	32.4	48.6
141	14.3	11.4	17.0





#11

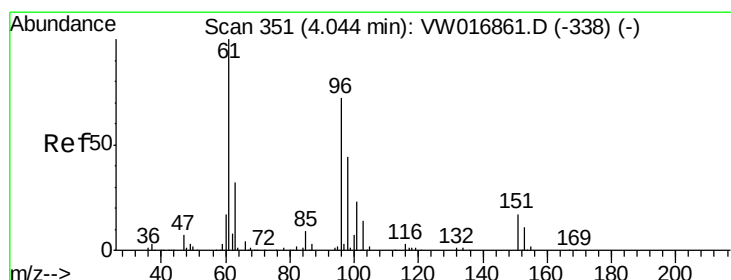
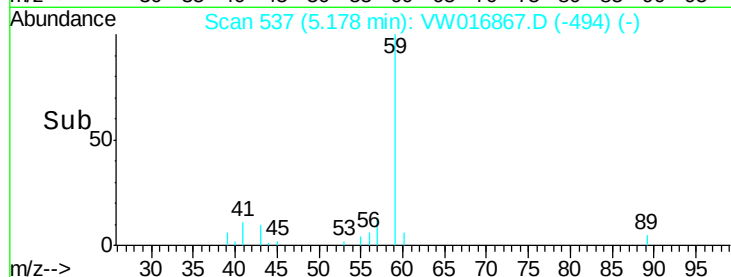
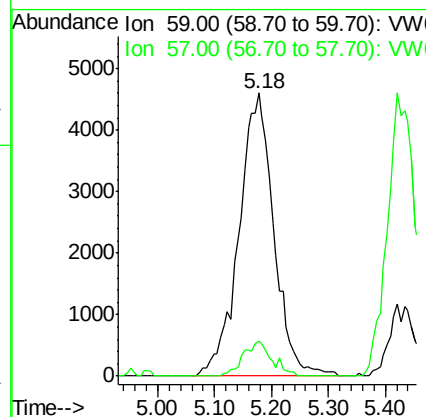
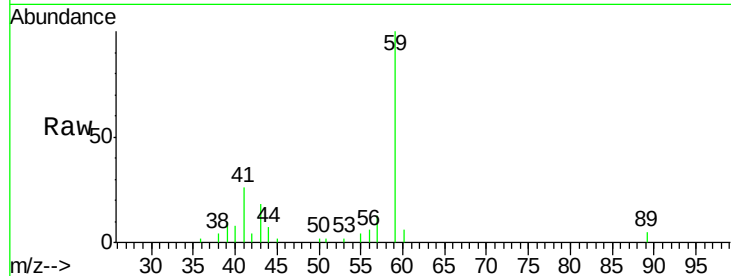
Tert butyl alcohol
Concen: 132.975 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.04 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	59	57	Ratio	100	8.9	Resp:	19686	Lower	4.7	Upper	7.1#
Ion	59	57	Ratio	100	8.9	Resp:	19686	Lower	4.7	Upper	7.1#

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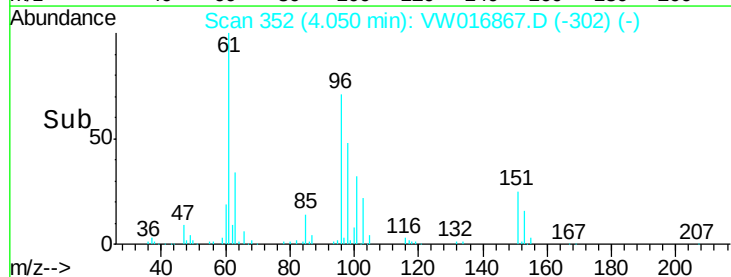
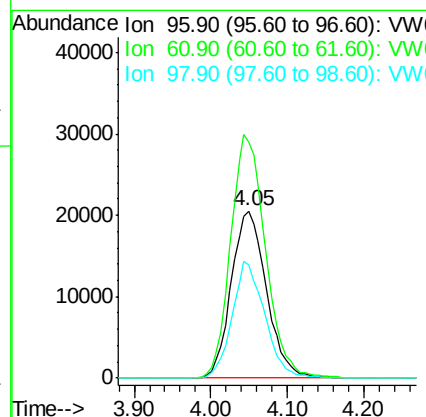
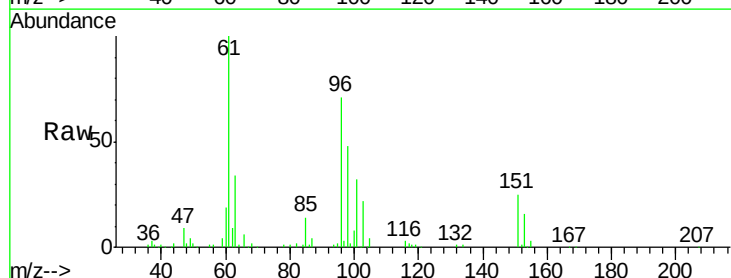
MMDadoda
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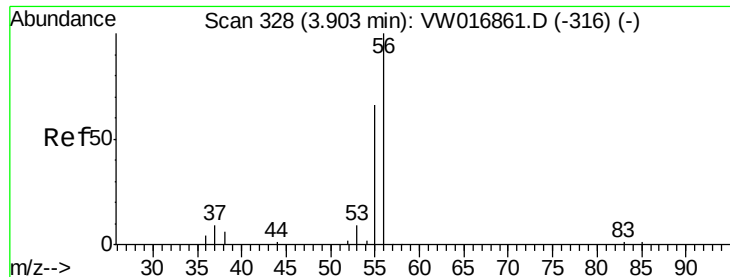


#12

1,1-Dichloroethene
Concen: 21.015 ug/l
RT: 4.05 min Scan# 352
Delta R.T. 0.01 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion	96	61	98	Ratio	100	141.0	67.8	Resp:	65494	Lower	111.7	49.0	Upper	167.5	73.4
Ion	96	61	98	Ratio	100	141.0	67.8	Resp:	65494	Lower	111.7	49.0	Upper	167.5	73.4





#13

Acrolein

Concen: 107.404 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion: 56 Resp: 21496

Ion Ratio Lower Upper

56 100

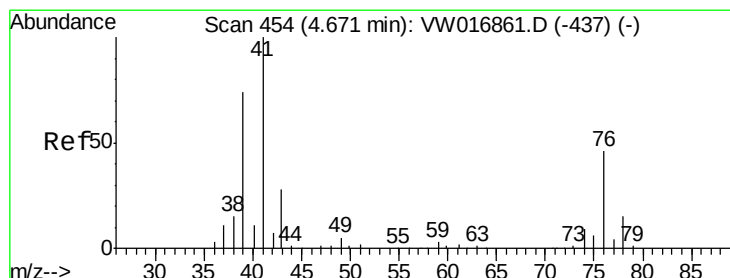
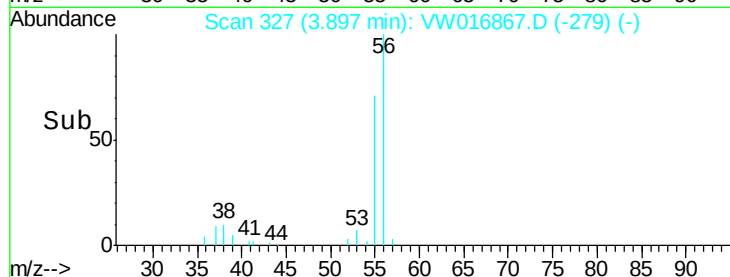
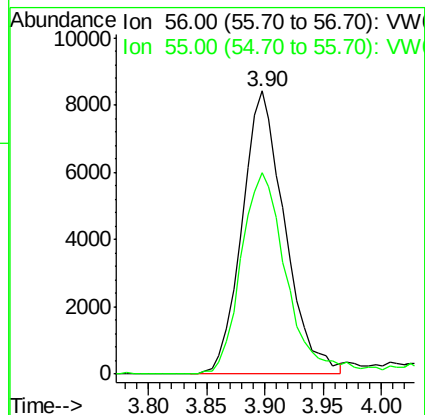
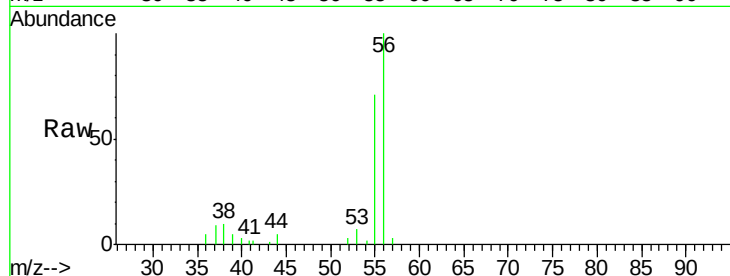
55 75.5 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 21.082 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

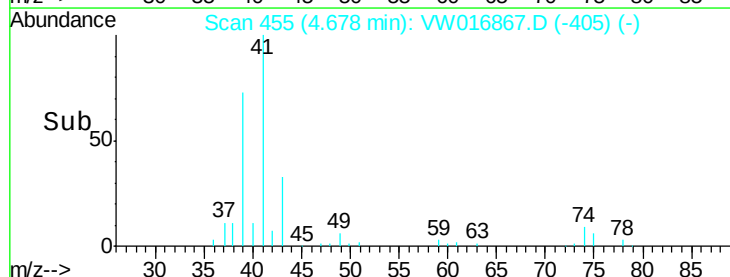
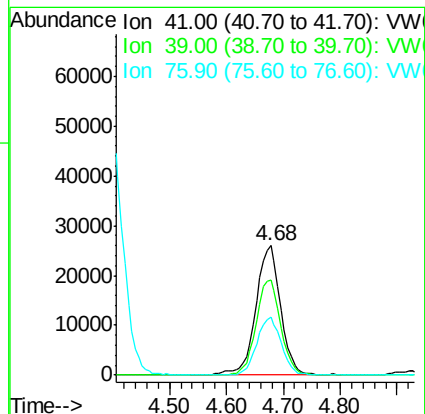
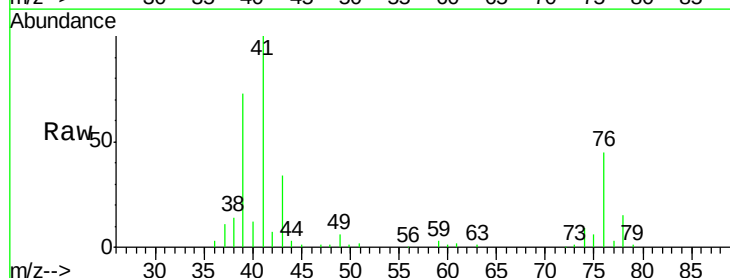
Tgt Ion: 41 Resp: 78648

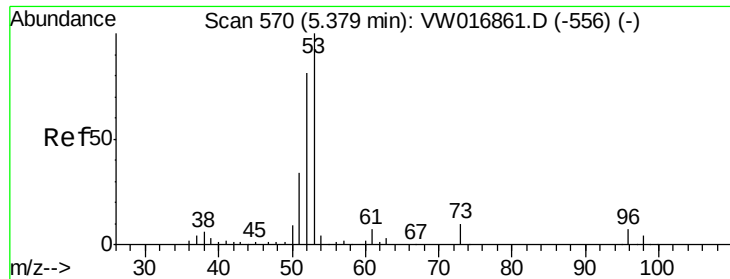
Ion Ratio Lower Upper

41 100

39 72.8 57.8 86.8

76 43.5 35.1 52.7





#15

Acrylonitrile

Concen: 114.525 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

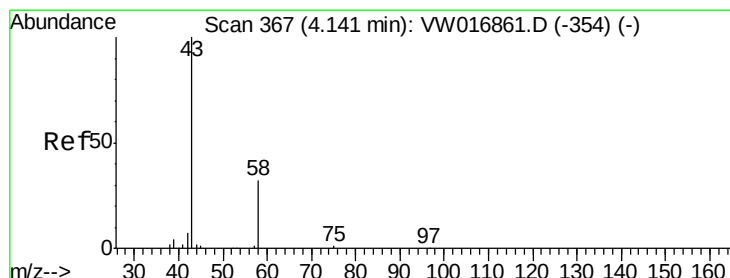
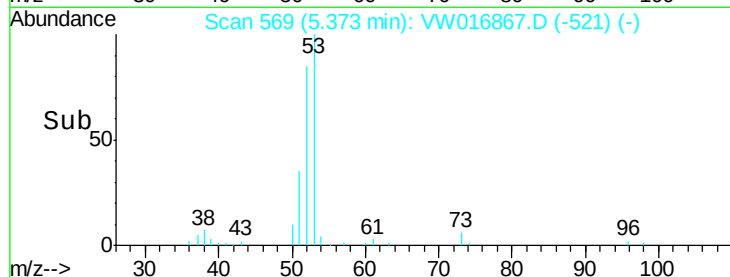
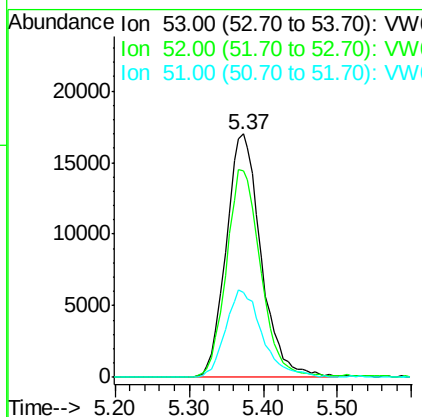
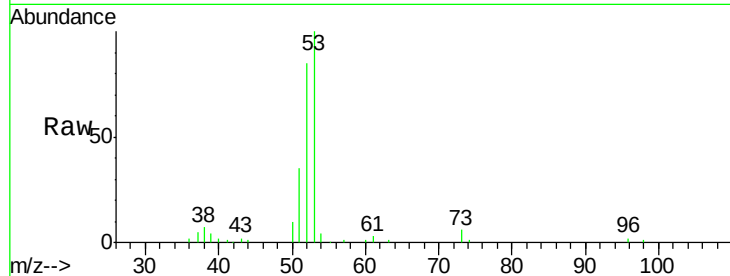
ClientSampleId :

VW1010SBSD01

Tot Ion:	53	Resp:	55832
Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.0	97.4
51	37.7	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 106.628 ug/l

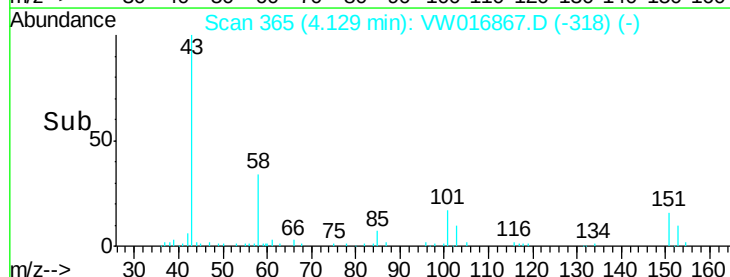
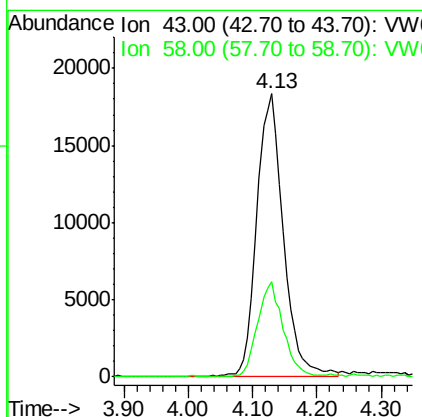
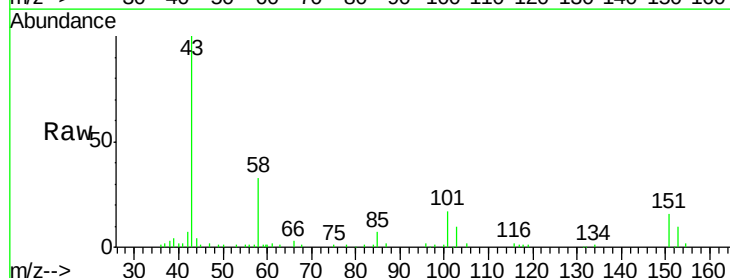
RT: 4.13 min Scan# 365

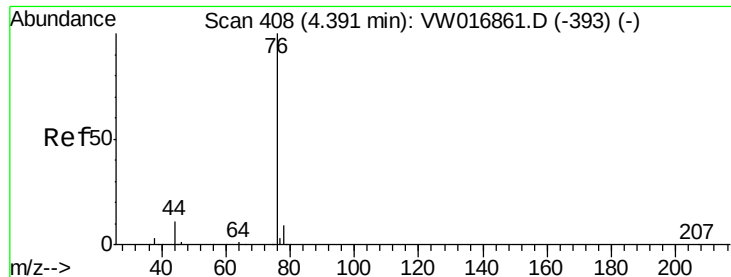
Delta R.T. -0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tgt Ion:	43	Resp:	52314
Ion	Ratio	Lower	Upper
43	100		
58	33.4	25.7	38.5





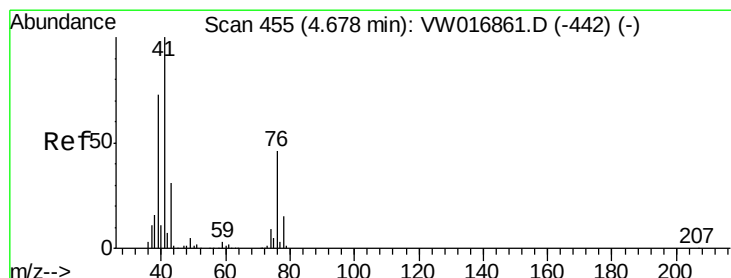
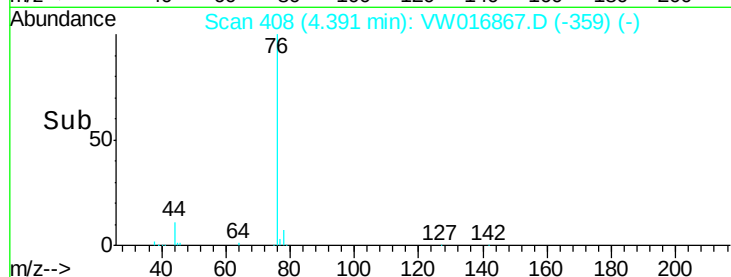
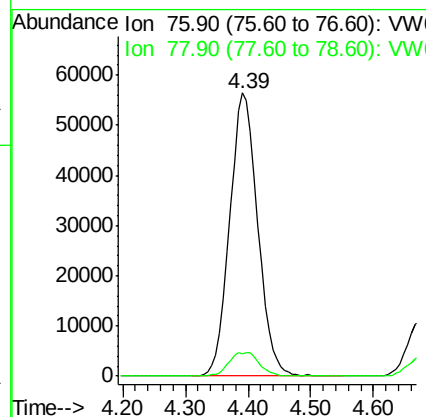
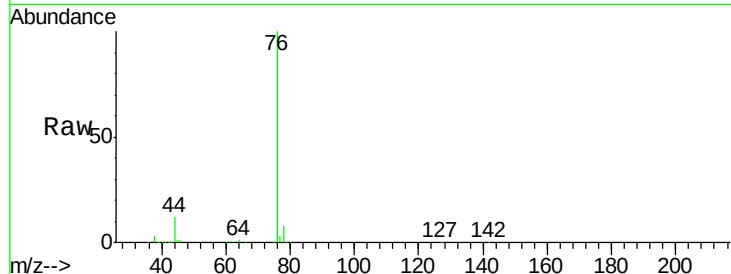
#17
Carbon Disulfide
Concen: 21.016 ug/l
RT: 4.39 min Scan# 408
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.4	11.2

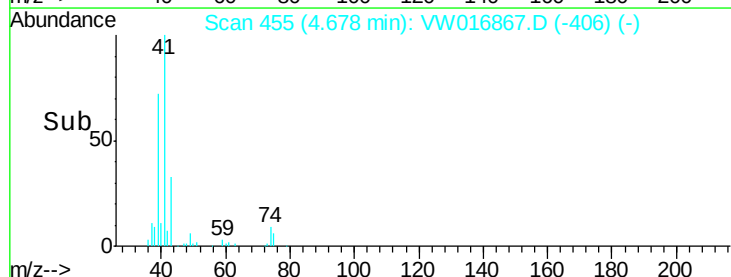
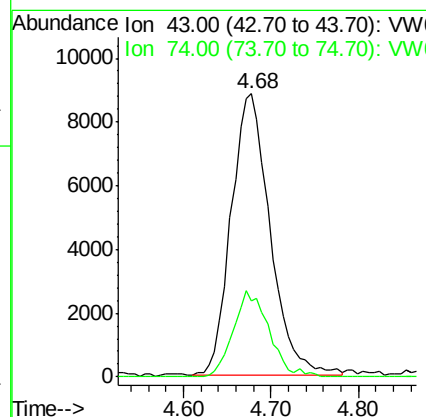
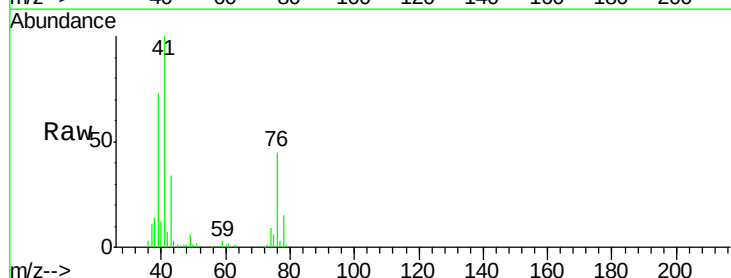
Manual Integrations
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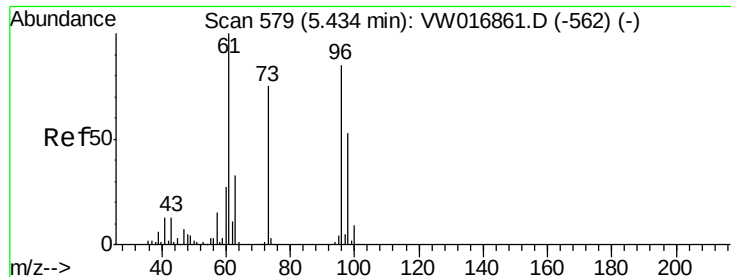
MMDadoda
10/12/2020 4:20:49 PM



#18
Methyl Acetate
Concen: 24.274 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.0	23.8	35.6





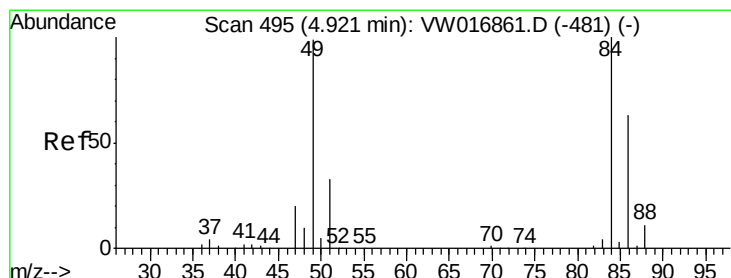
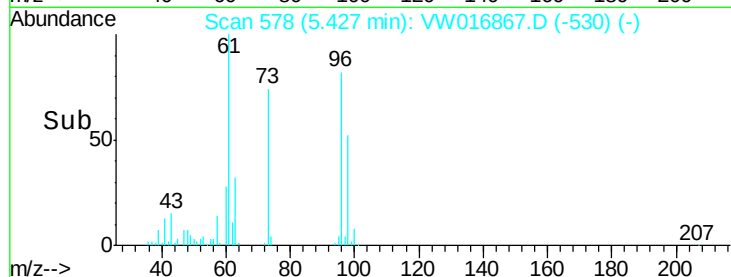
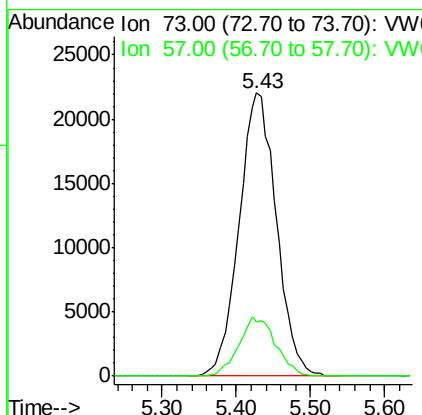
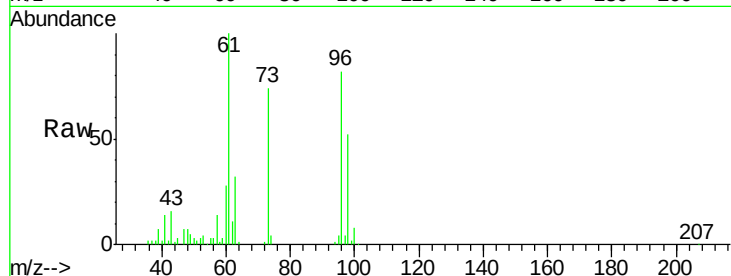
#19
Methyl tert-butyl Ether
Concen: 22.995 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion: 73 Resp: 77240
Ion Ratio Lower Upper
73 100
57 19.3 16.1 24.1

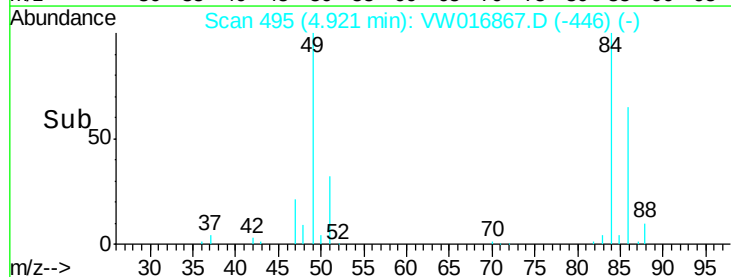
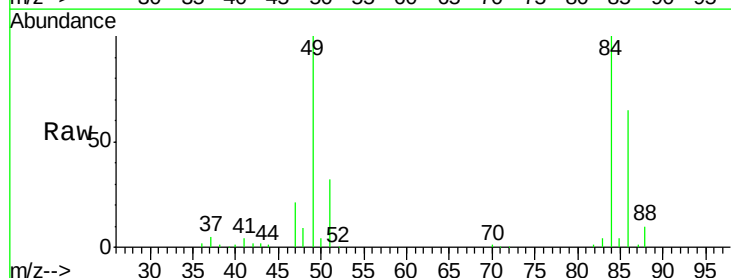
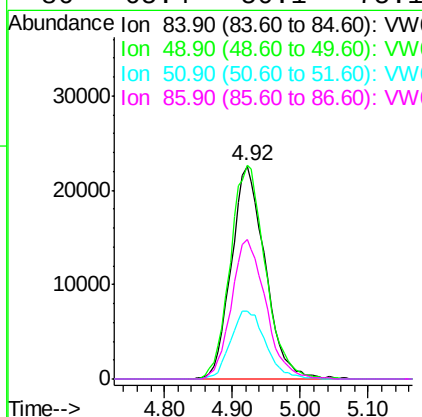
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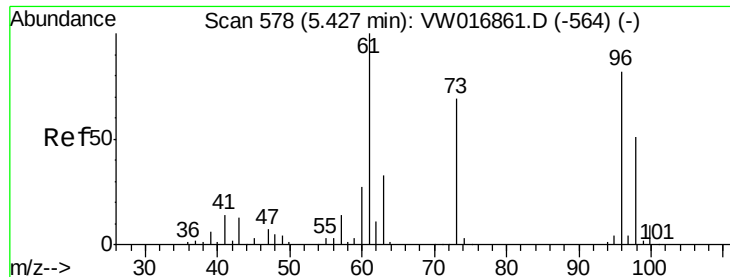
MMDadoda
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#20
Methylene Chloride
Concen: 20.887 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion: 84 Resp: 77693
Ion Ratio Lower Upper
84 100
49 100.3 79.0 118.6
51 31.9 26.1 39.1
86 65.4 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 21.185 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

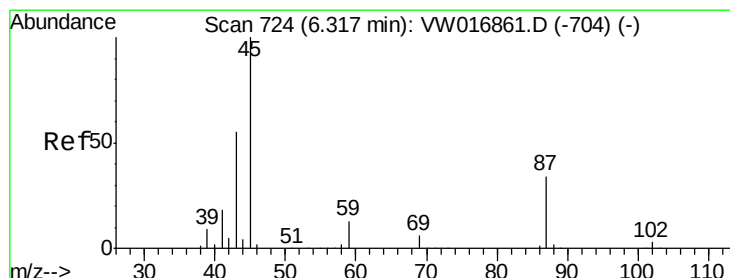
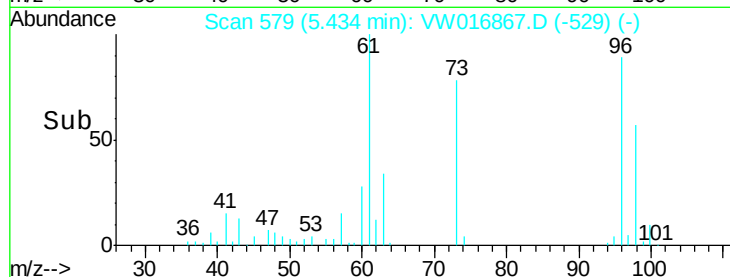
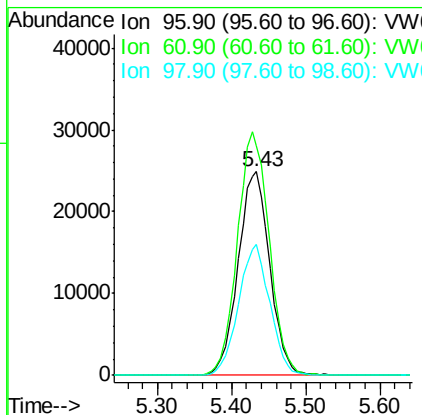
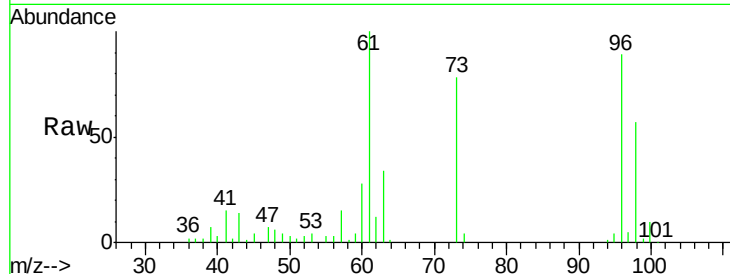
ClientSampleId :

VW1010SBSD01

Tot Ion:	96	Resp:	74120
Ion	Ratio	Lower	Upper
96	100		
61	112.7	97.4	146.0
98	64.1	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.564 ug/l

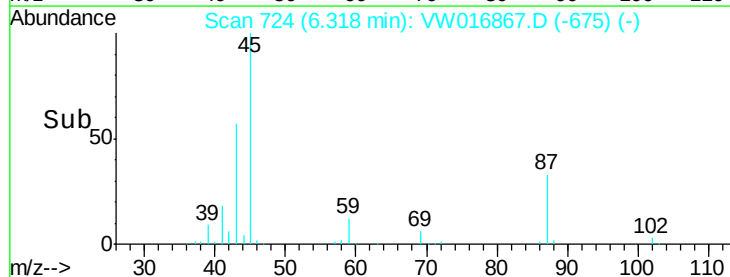
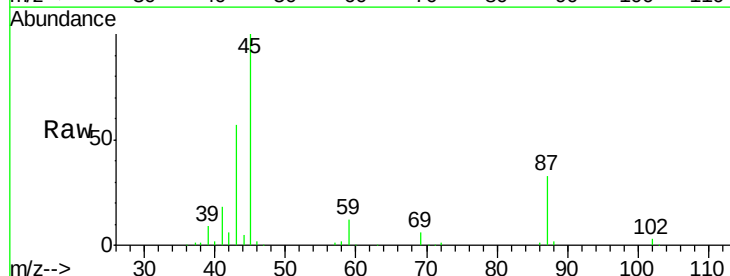
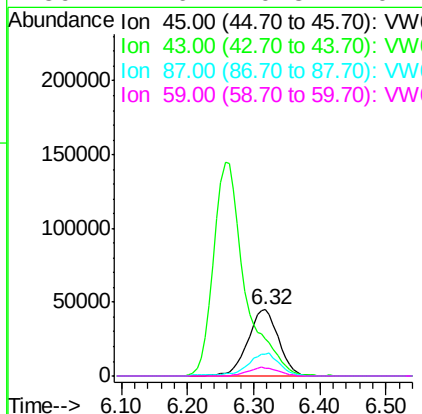
RT: 6.32 min Scan# 724

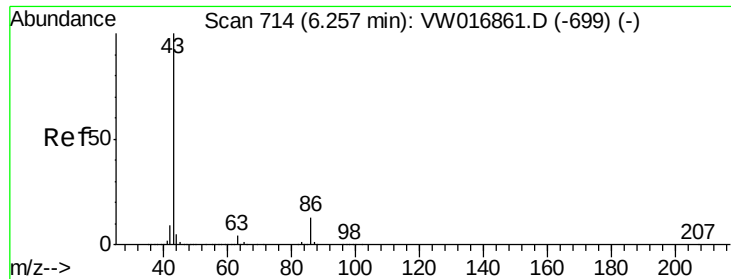
Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tgt Ion:	45	Resp:	146209
Ion	Ratio	Lower	Upper
45	100		
43	55.7	43.8	65.8
87	33.1	27.6	41.4
59	11.6	10.8	16.2





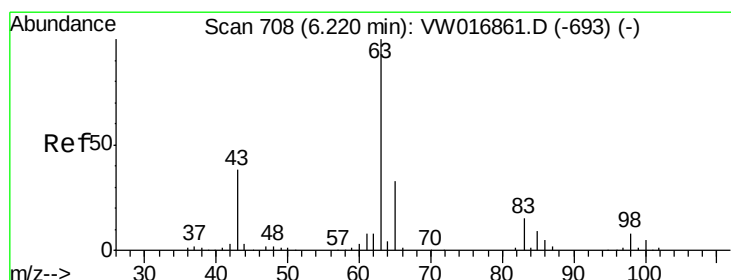
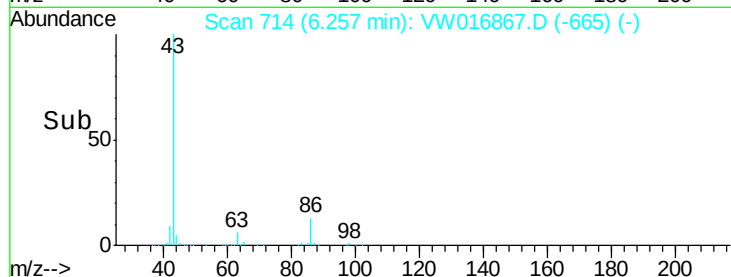
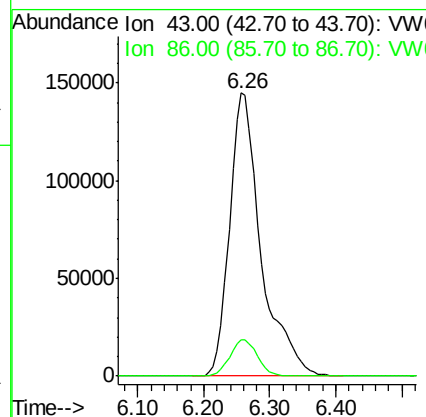
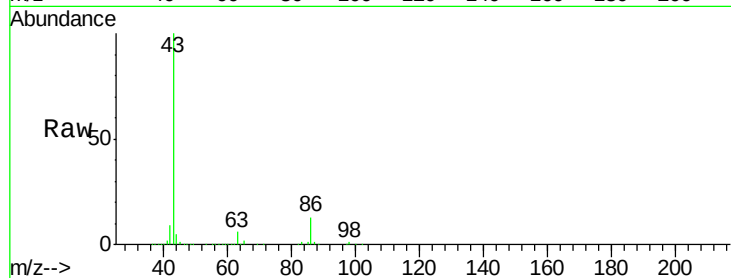
#23
 Vinyl Acetate
 Concen: 109.833 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion: 43 Resp: 477173
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.2 15.4

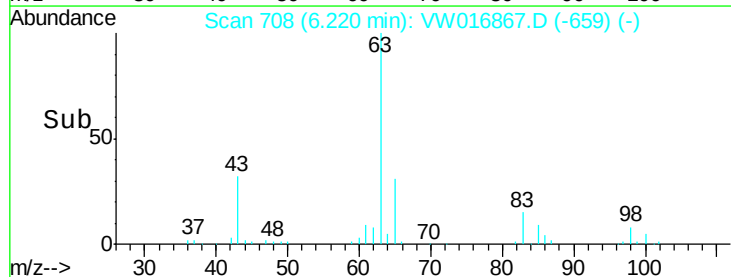
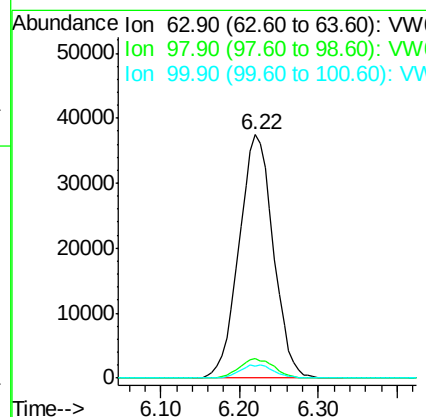
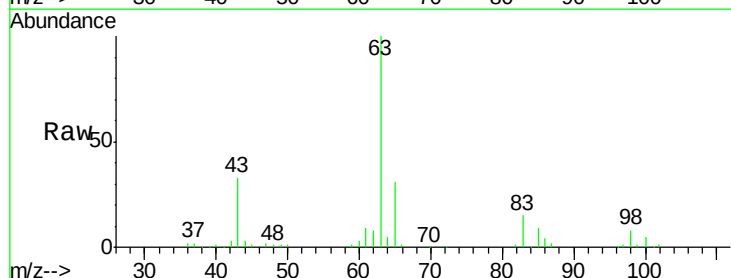
Manual Integrations
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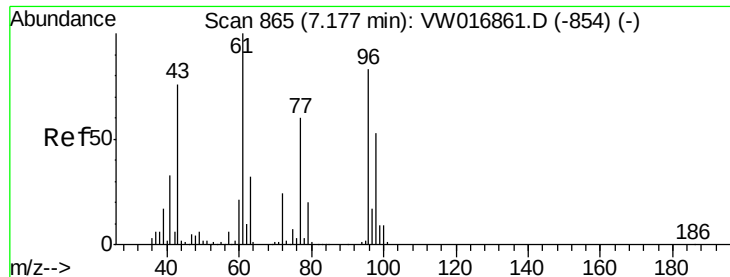
MMDadoda
 10/12/2020 4:20:49 PM



#24
 1,1-Dichloroethane
 Concen: 20.997 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion: 63 Resp: 112888
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.2 12.6
 100 4.7 2.6 7.8





#25

2-Butanone

Concen: 116.311 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion: 43 Resp: 76076

Ion Ratio Lower Upper

43 100

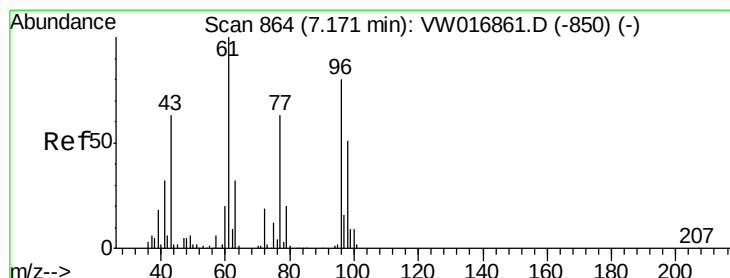
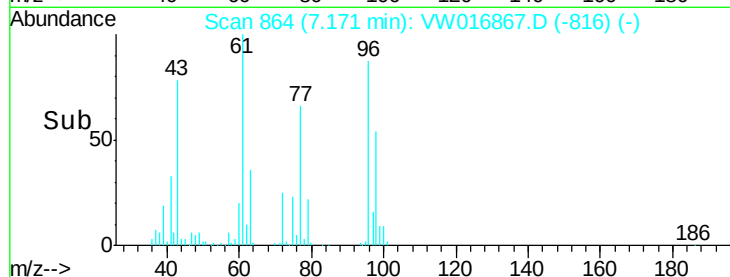
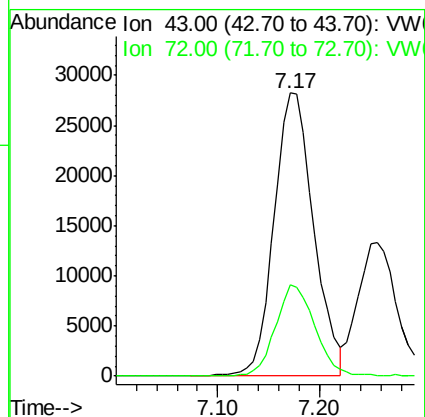
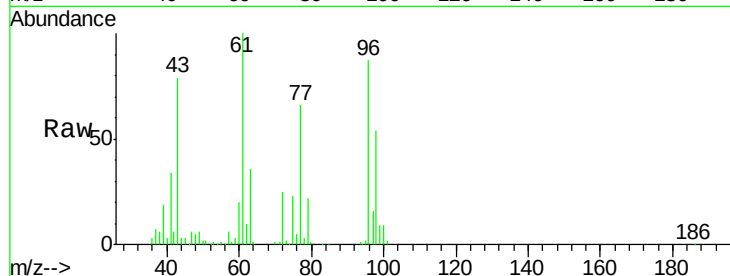
72 32.2 25.4 38.2

Manual Integrations

APPROVED

MMDadoda

10/12/2020 4:20:49 PM



#26

2,2-Dichloropropane

Concen: 21.013 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016867.D

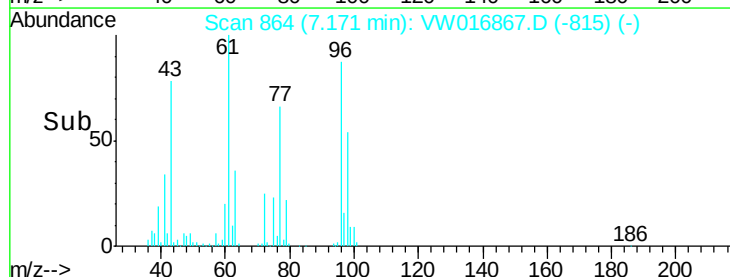
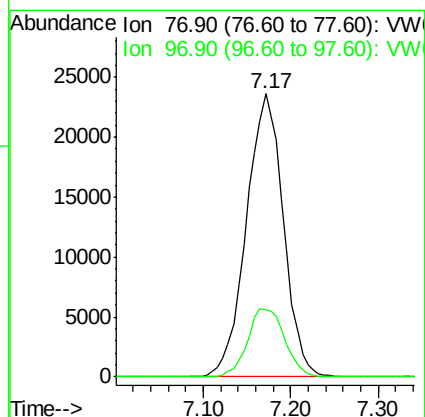
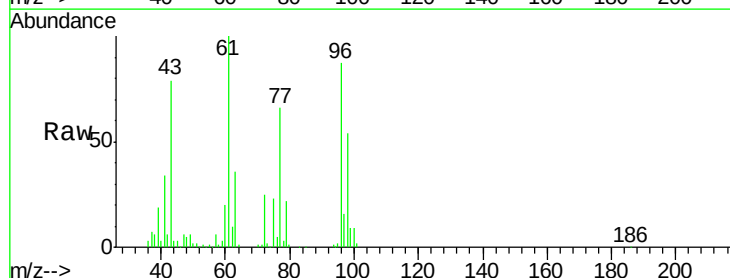
Acq: 09 Oct 2020 18:31

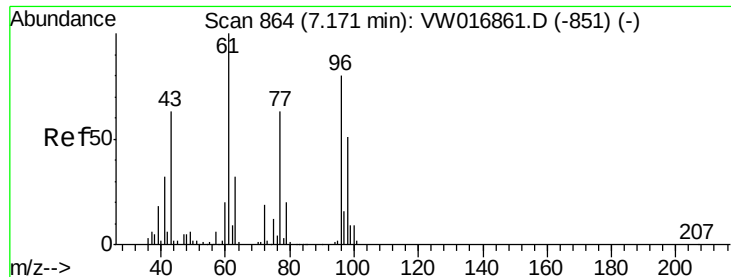
Tgt Ion: 77 Resp: 69118

Ion Ratio Lower Upper

77 100

97 24.2 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 21.257 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

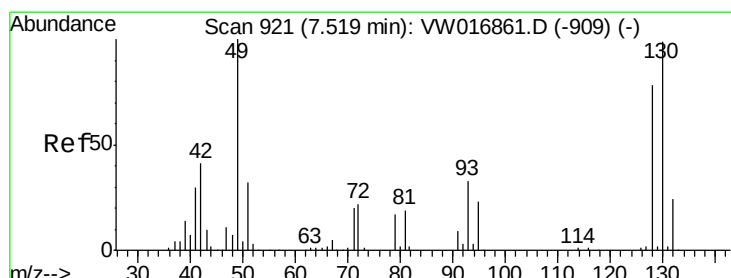
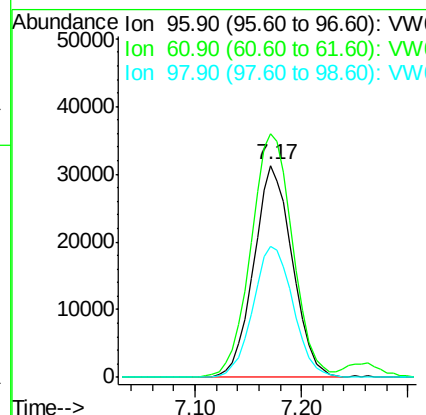
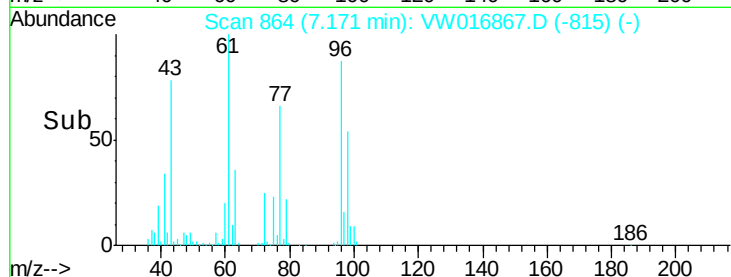
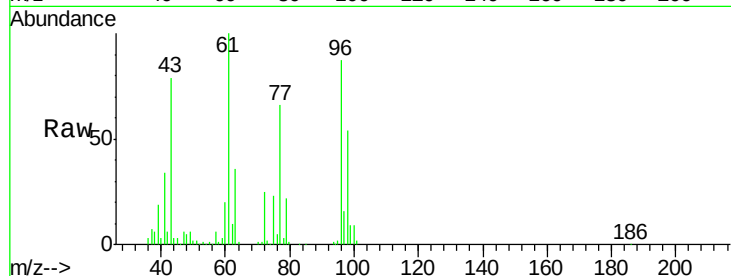
ClientSampleId :

VW1010SBS01

Tot Ion:	96	Resp:	79656
Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	249.6
98	64.4	0.0	129.4

Manual Integrations
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#28

Bromochloromethane

Concen: 20.131 ug/l

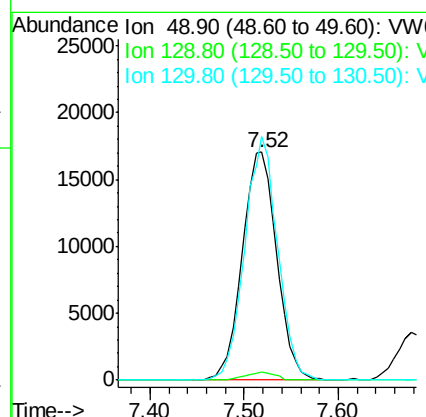
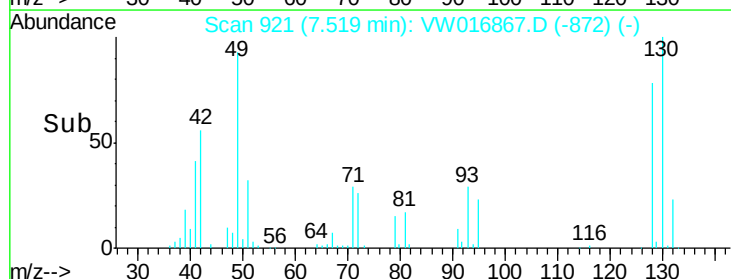
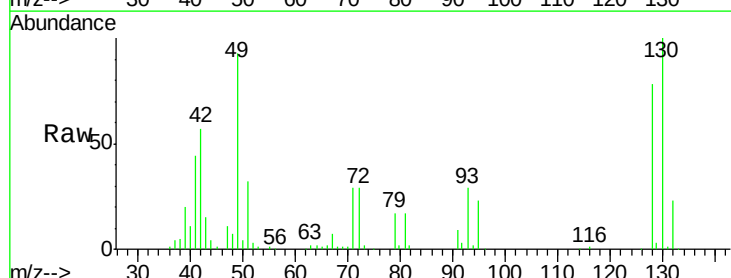
RT: 7.52 min Scan# 921

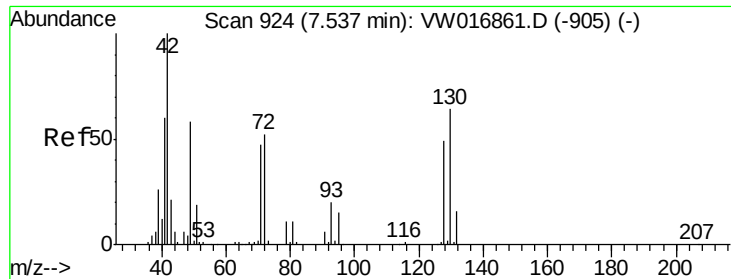
Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tgt Ion:	49	Resp:	43316
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.8
130	101.7	81.3	121.9





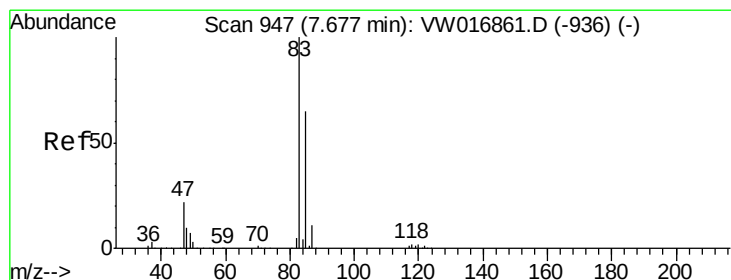
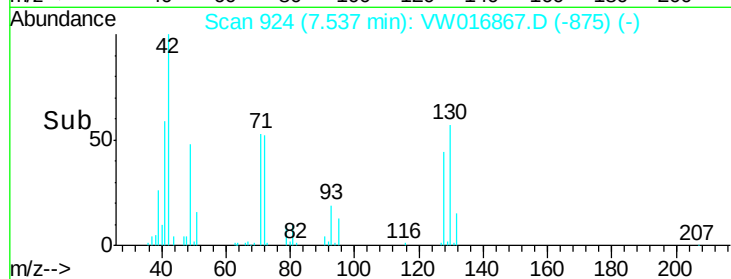
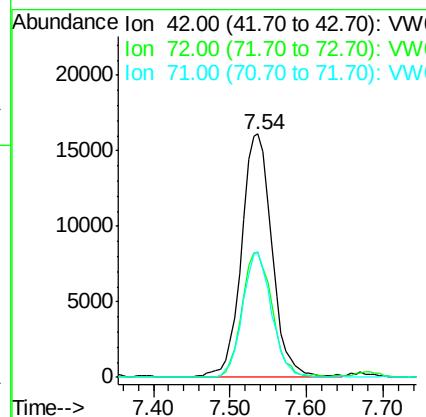
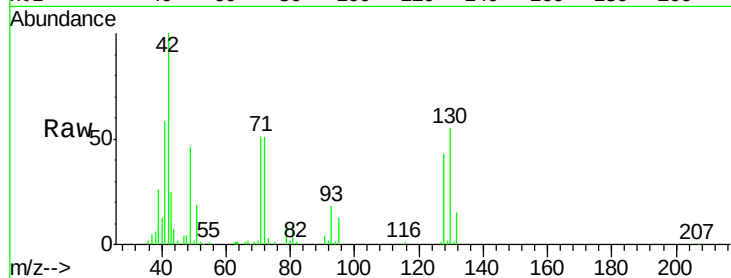
#29
Tetrahydrofuran
Concen: 121.941 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.6	42.0	63.0
71	48.5	39.0	58.6

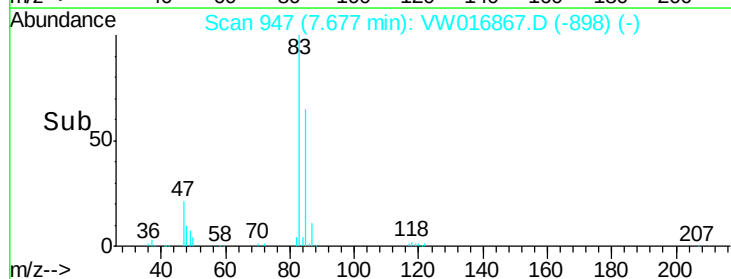
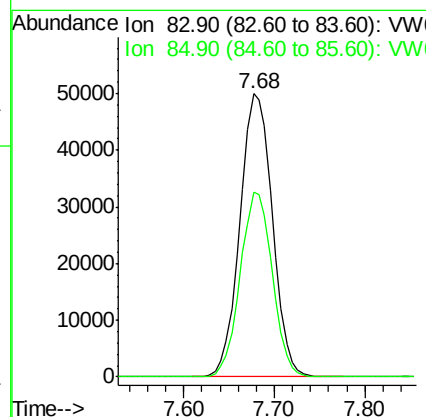
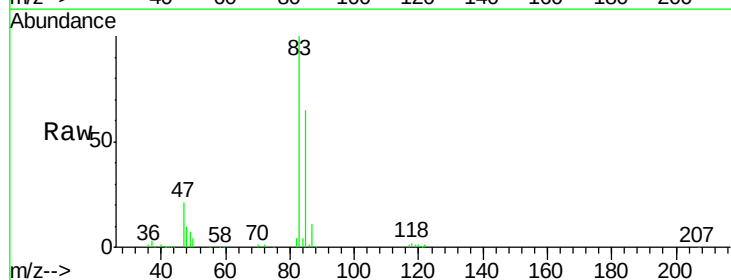
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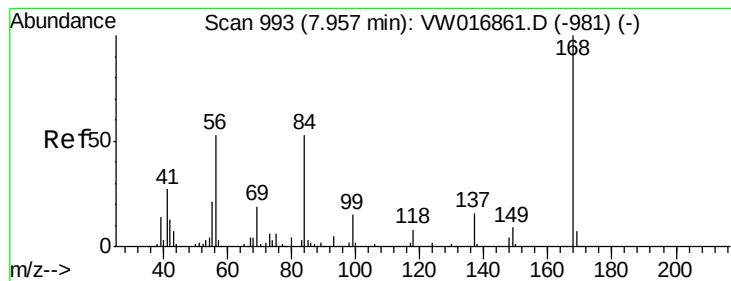
MMDadoda
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#30
Chloroform
Concen: 21.314 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.7	77.5





#31

Cyclohexane

Concen: 20.888 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

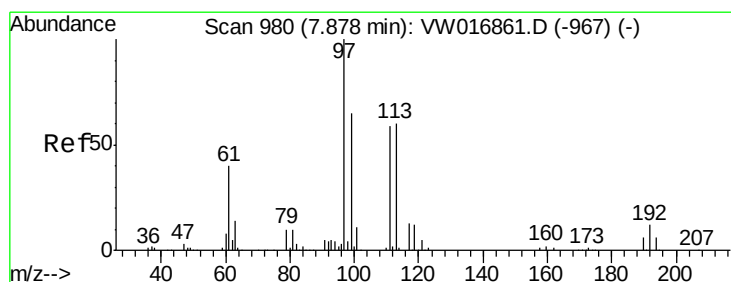
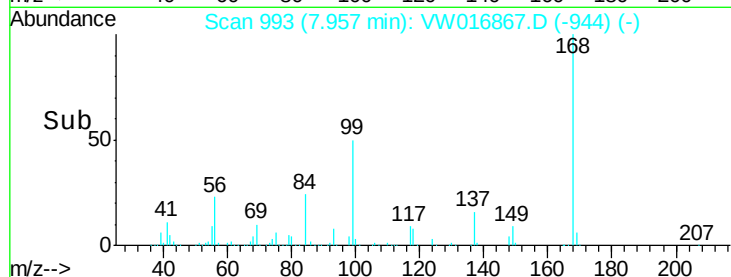
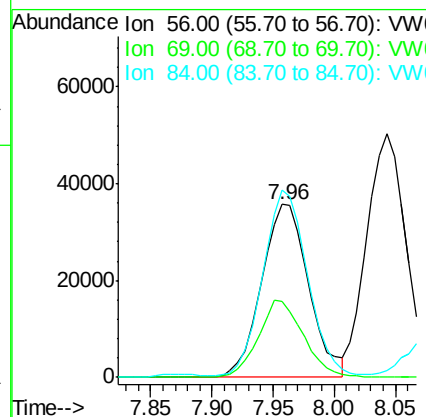
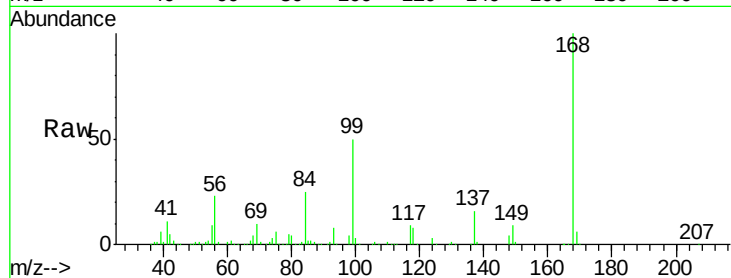
ClientSampleId :

VW1010SBSD01

Tot Ion	56	Resp	95788
Ion	Ratio	Lower	Upper
56	100		
69	43.5	29.3	43.9
84	106.2	80.5	120.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.120 ug/l

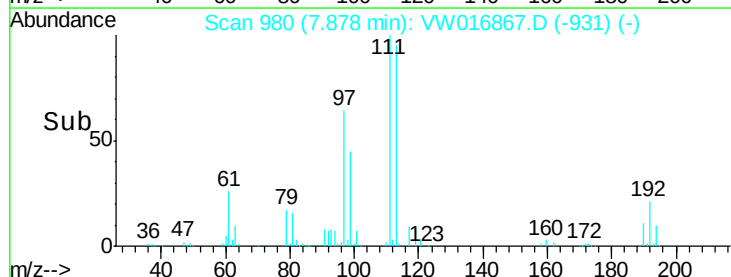
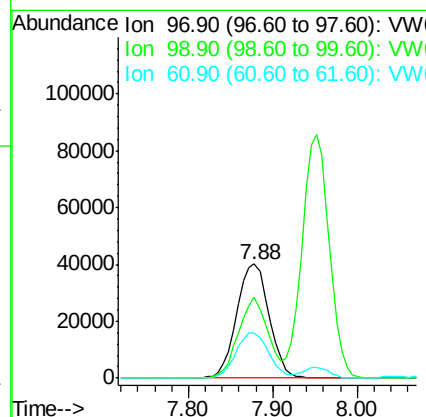
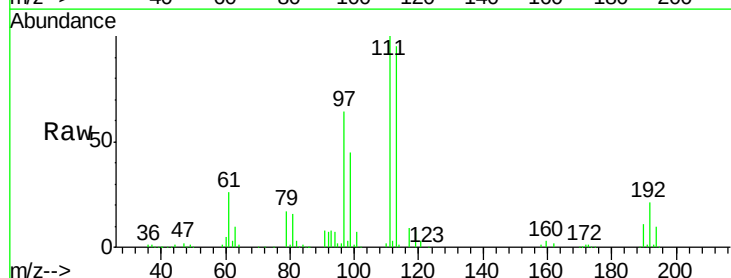
RT: 7.88 min Scan# 980

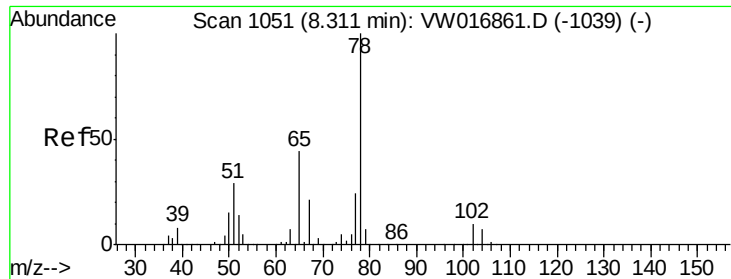
Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tgt Ion	97	Resp	104123
Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.4	78.6
61	40.1	31.9	47.9





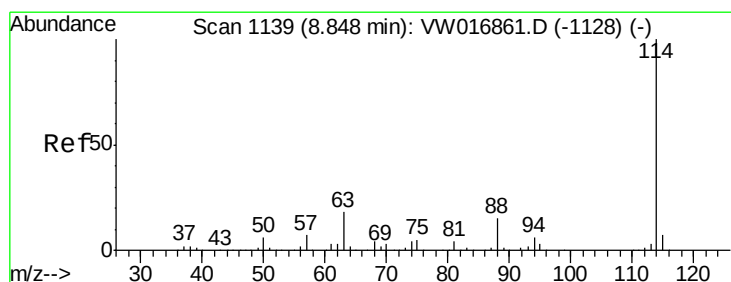
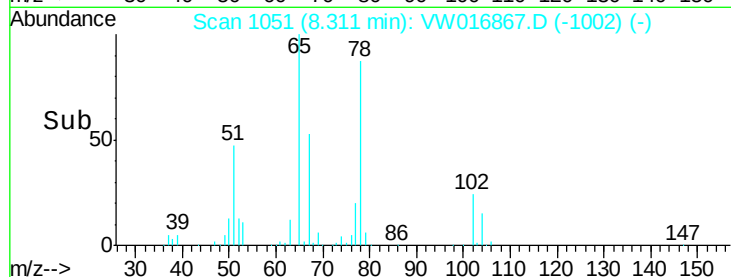
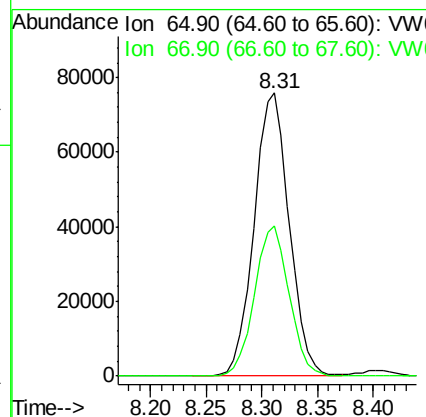
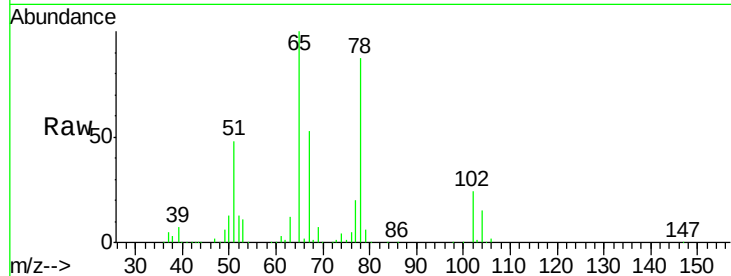
#33
 1,2-Dichloroethane-d4
 Concen: 54.952 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	166463		
67	52.5	0.0	103.8	

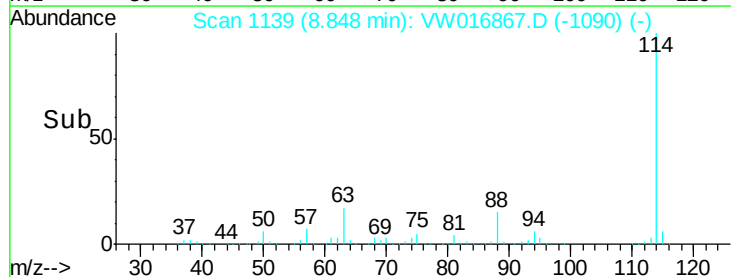
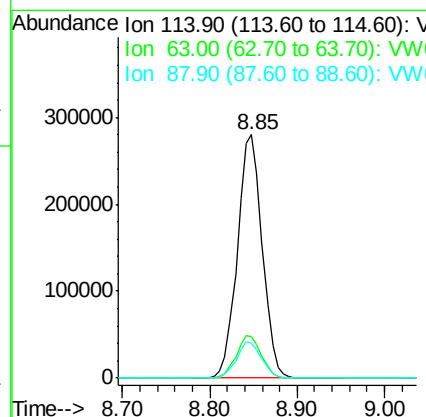
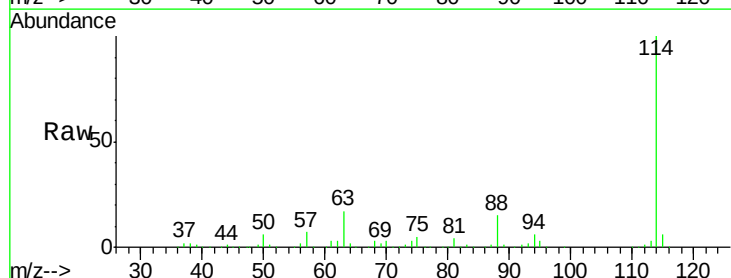
Manual Integrations
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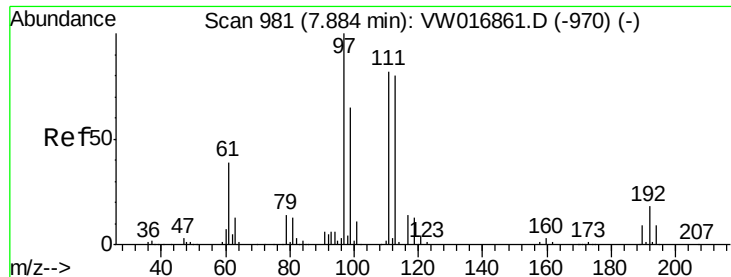
MMDadoda
 10/12/2020 4:20:49 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	553462		
63	16.9	0.0	35.6	
88	14.6	0.0	30.4	





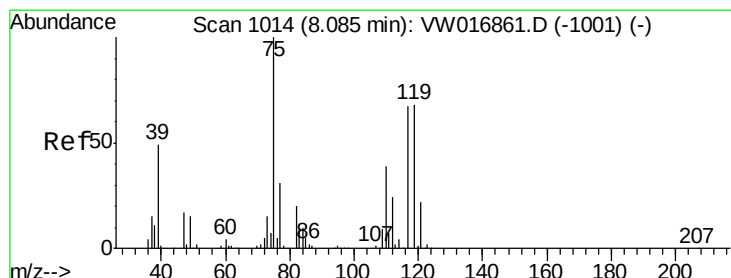
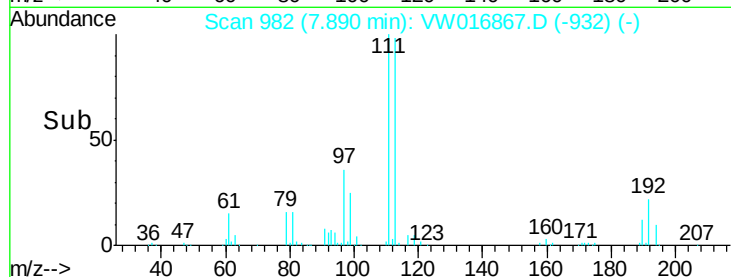
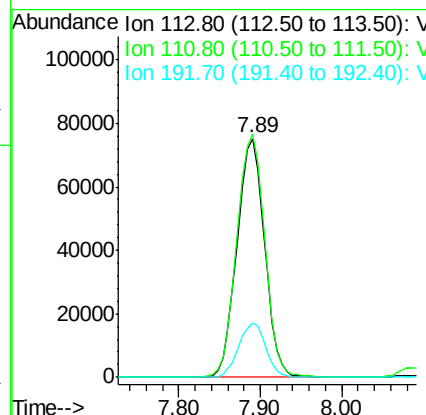
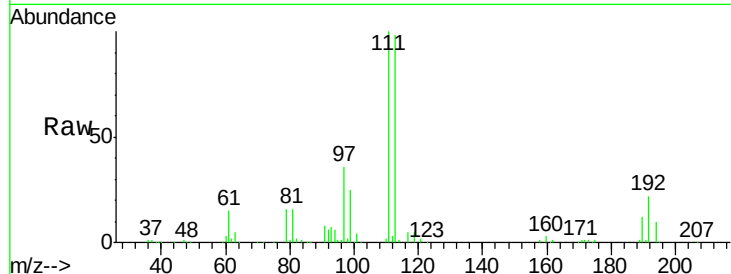
#35
 Dibromofluoromethane
 Concen: 51.676 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	175301		
111	103.4	81.4	122.2	
192	22.3	17.8	26.8	

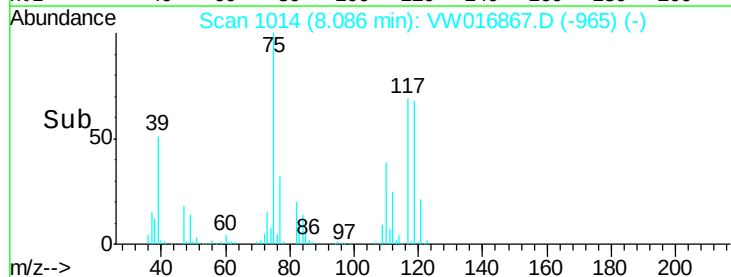
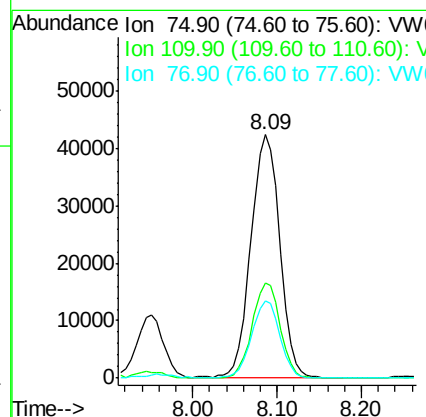
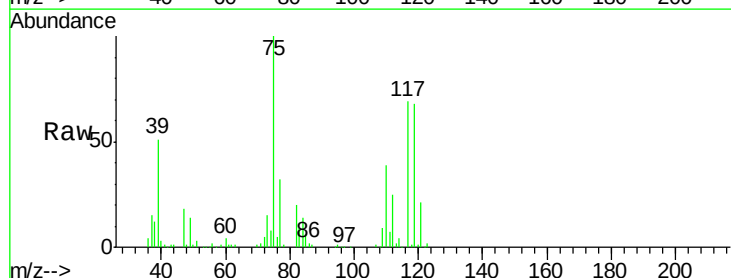
Manual Integrations
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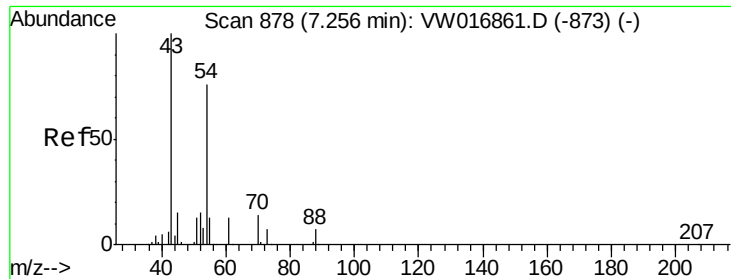
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 20.563 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	98378		
110	37.7	19.3	57.9	
77	31.1	25.0	37.6	





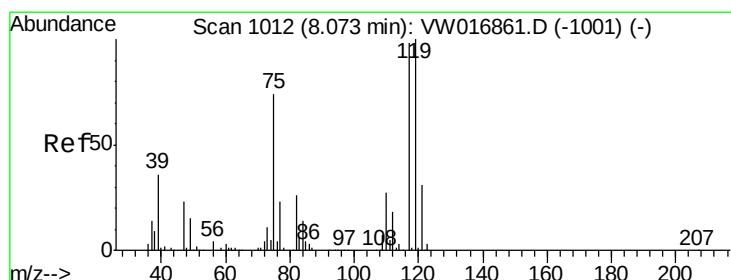
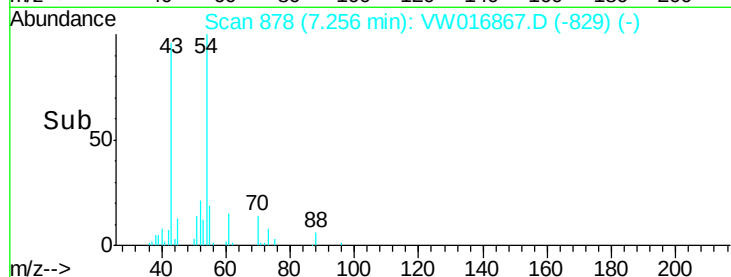
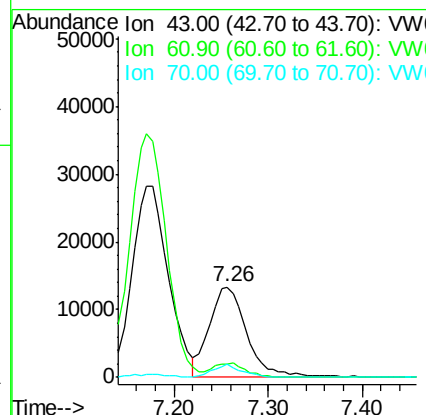
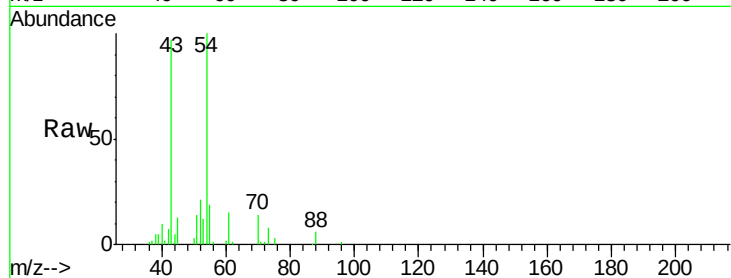
#37
Ethyl Acetate
Concen: 23.034 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.0	18.0
70	11.4	9.9	14.9

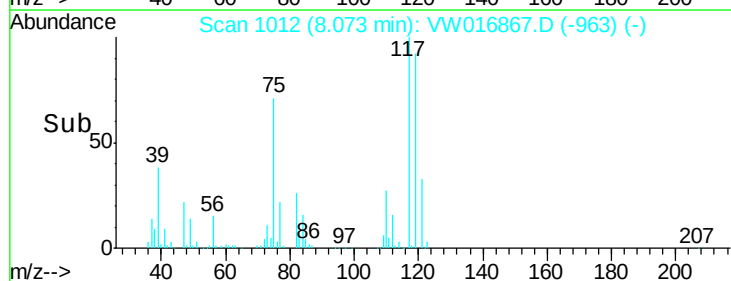
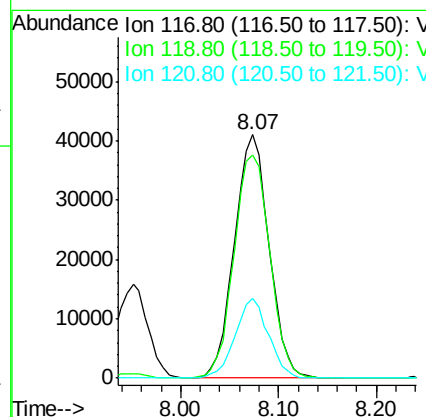
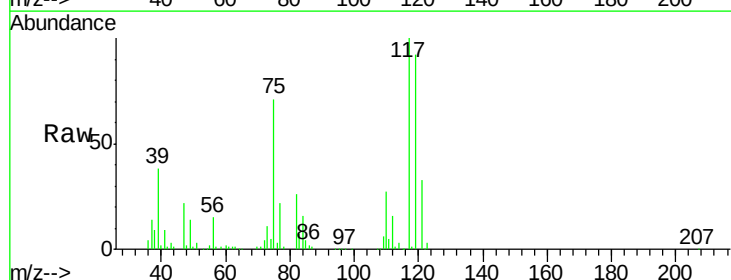
Manual Integrations
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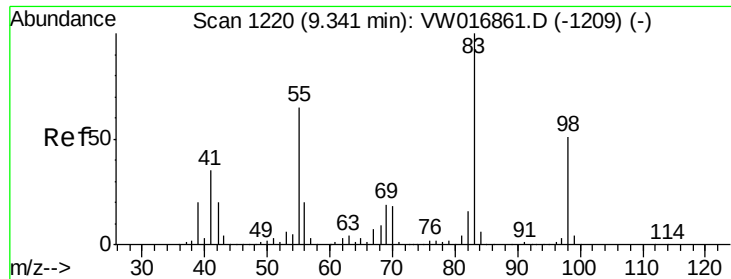
MMDadoda
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#38
Carbon Tetrachloride
Concen: 20.324 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	81.6	122.4
121	32.8	25.7	38.5





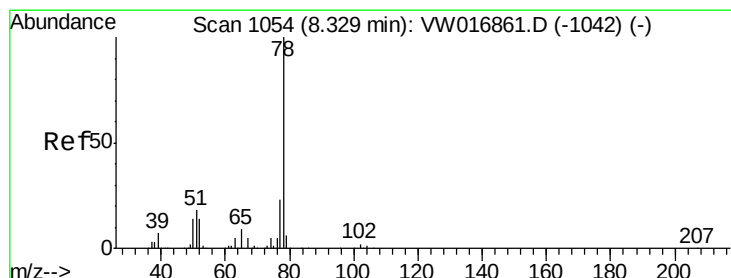
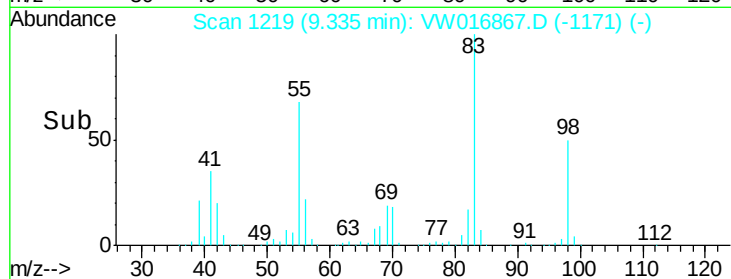
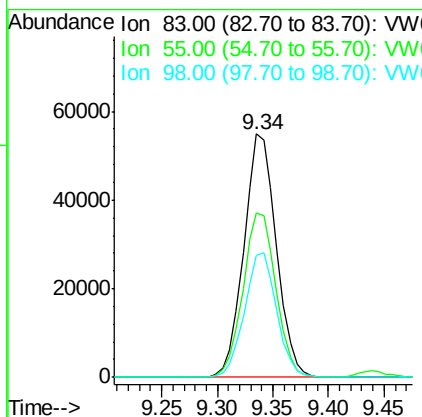
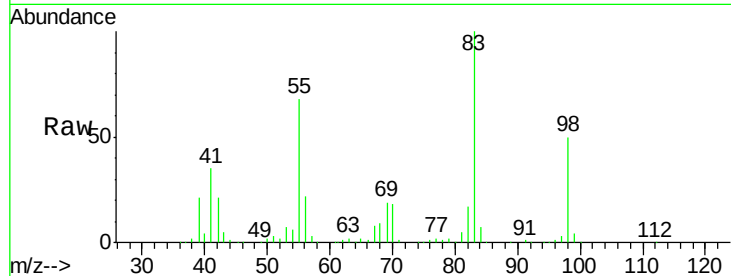
#39
Methylvlcyclohexane
Concen: 20.352 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.6	51.7	77.5
98	50.0	41.0	61.4

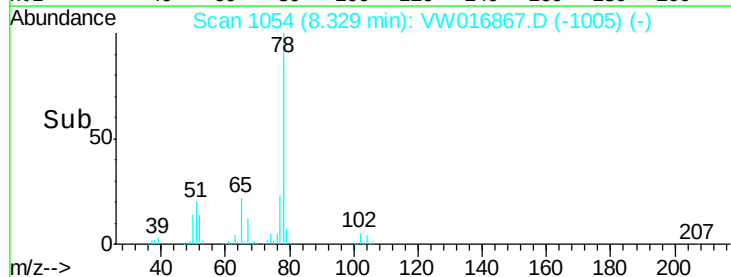
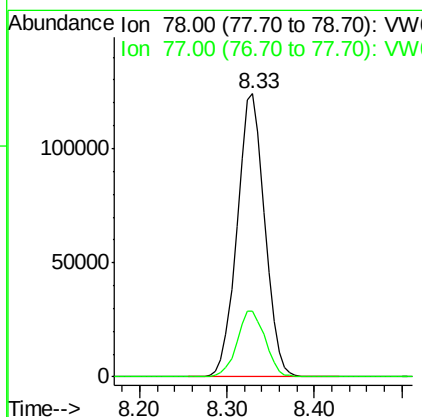
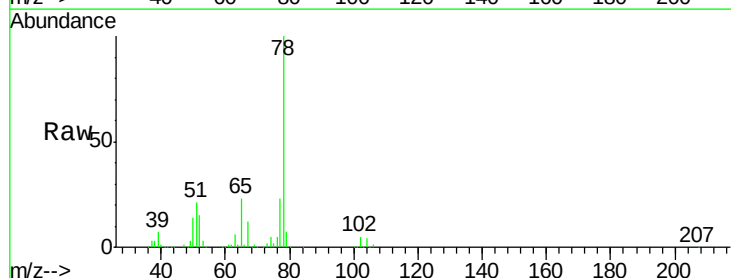
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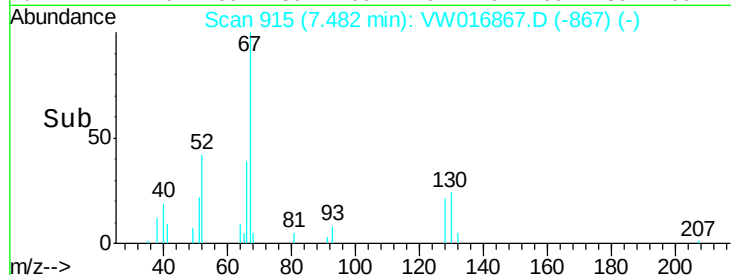
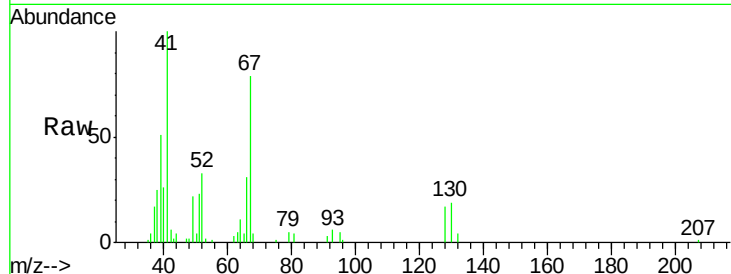
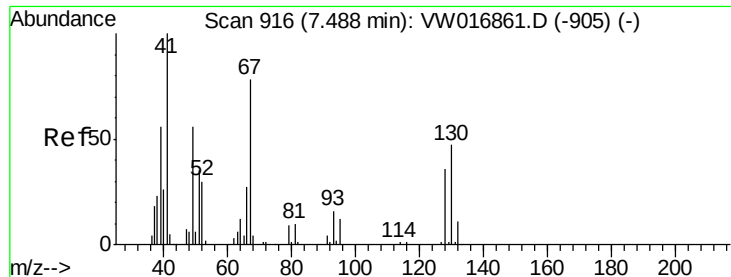
MMDadoda
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#40
Benzene
Concen: 20.402 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.5	27.7





#41

Methacrylonitrile

Concen: 21.165 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tot Ion	41	Resp	19606
Ion	Ratio	Lower	Upper
41	100		
39	54.8	47.0	70.6
67	85.9	68.6	102.8
52	34.1	28.1	42.1

Instrument :

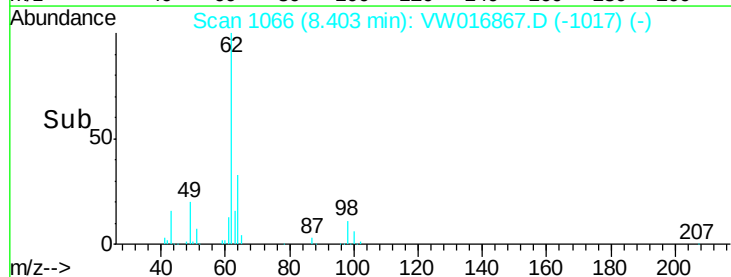
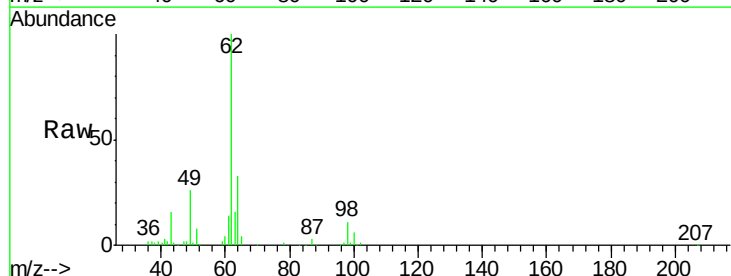
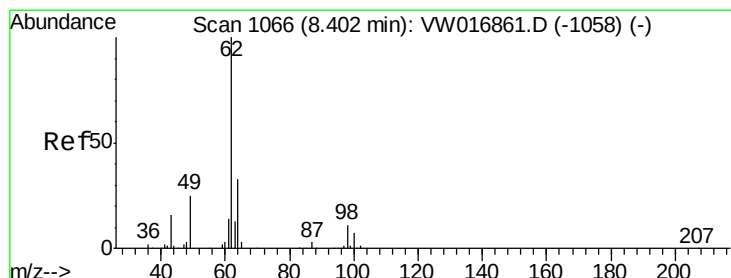
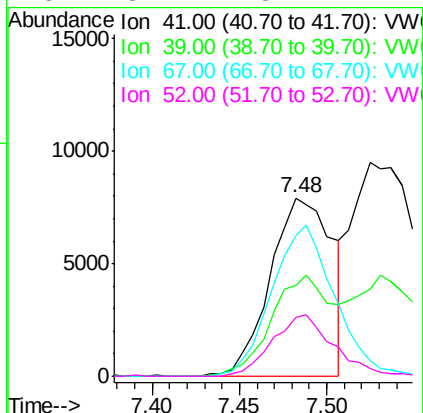
MSVOA_W

ClientSampleId :

VW1010SBSD01

Manual Integrations
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MMDadoda
10/12/2020 4:20:49 PM



#42

1,2-Dichloroethane

Concen: 21.192 ug/l

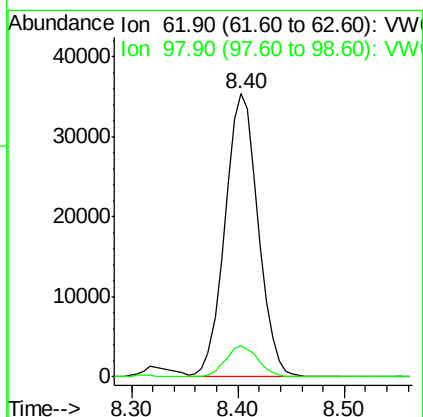
RT: 8.40 min Scan# 1066

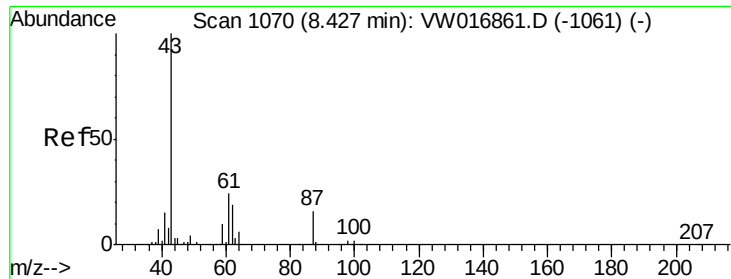
Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tgt Ion	62	Resp	77281
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.0





#43

Isopropyl Acetate

Concen: 21.535 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

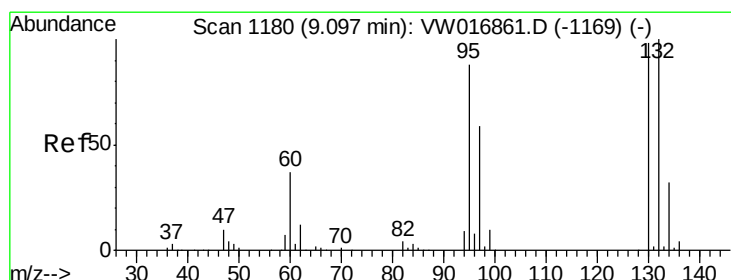
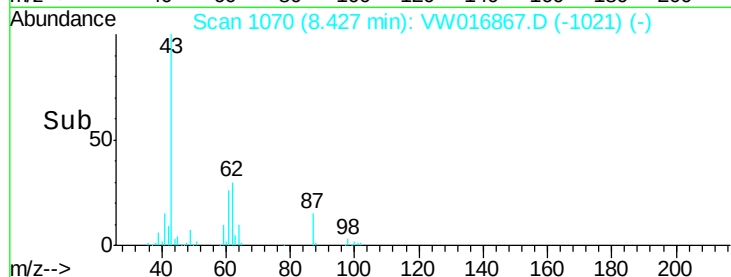
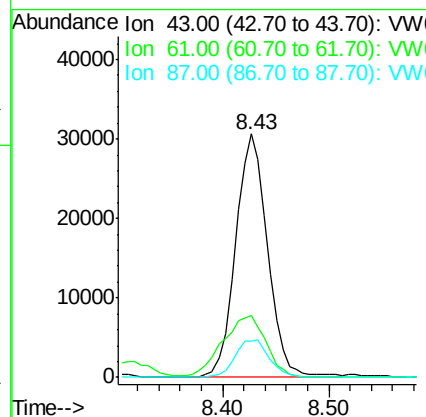
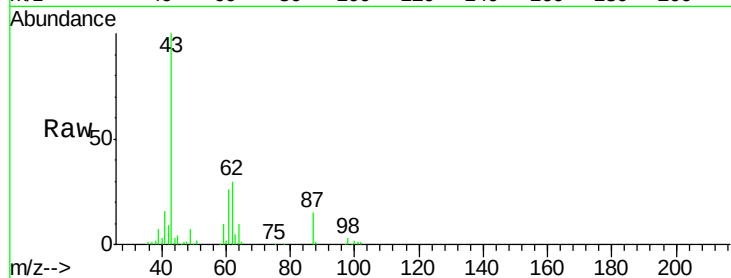
ClientSampleId :

VW1010SBSD01

Tot Ion:	43	Resp:	64490
Ion	Ratio	Lower	Upper
43	100		
61	34.3	27.5	41.3
87	16.5	13.6	20.4

Manual Integrations
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#44

Trichloroethene

Concen: 20.550 ug/l

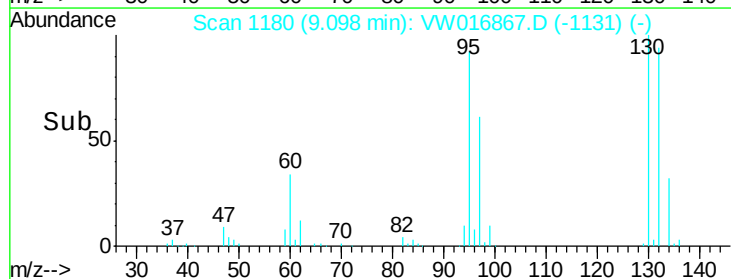
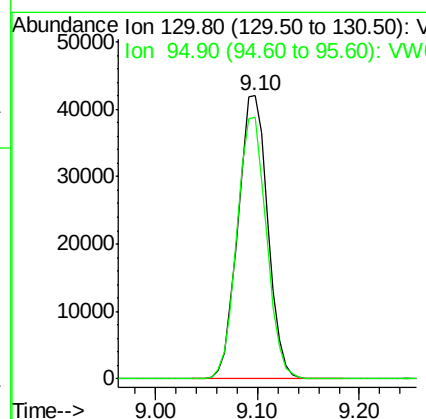
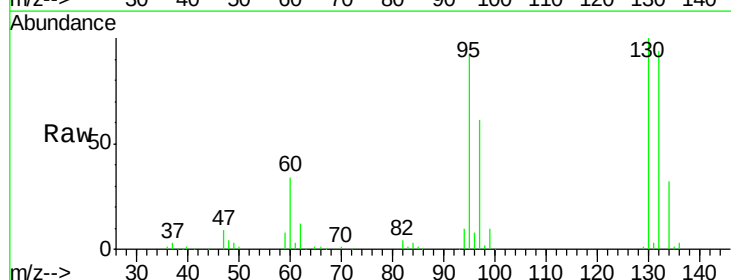
RT: 9.10 min Scan# 1180

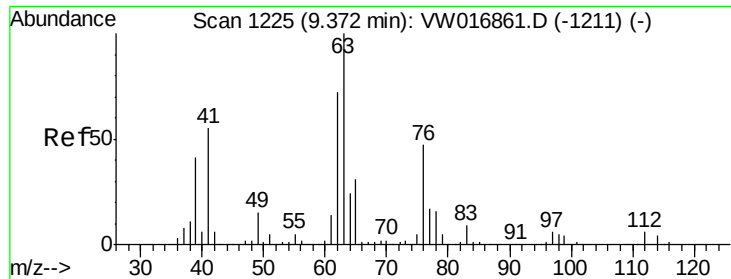
Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tgt Ion:	130	Resp:	84795
Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	180.2





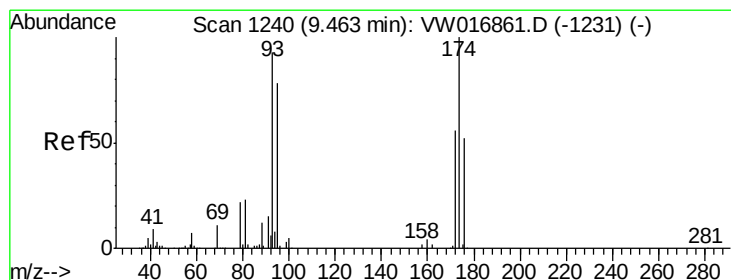
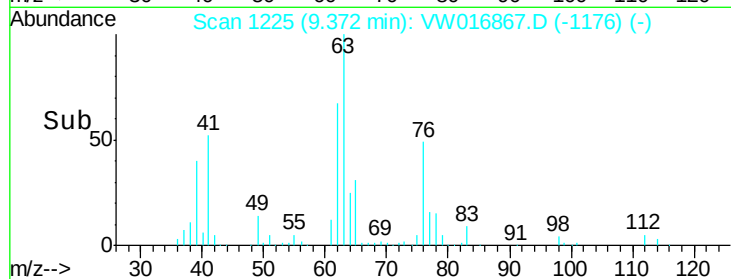
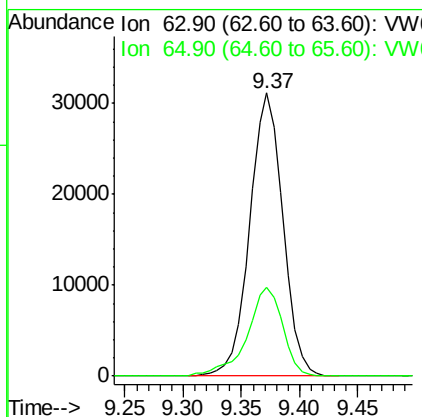
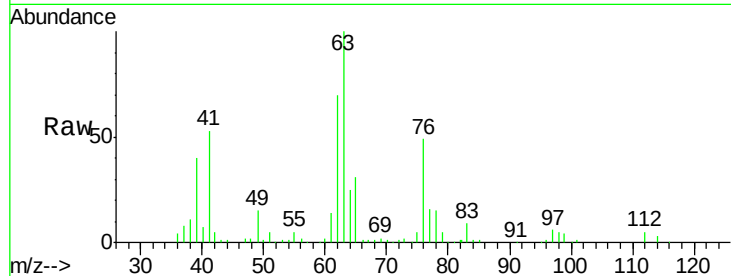
#45
 1,2-Dichloropropane
 Concen: 20.369 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion: 63 Resp: 61924
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.1 37.7

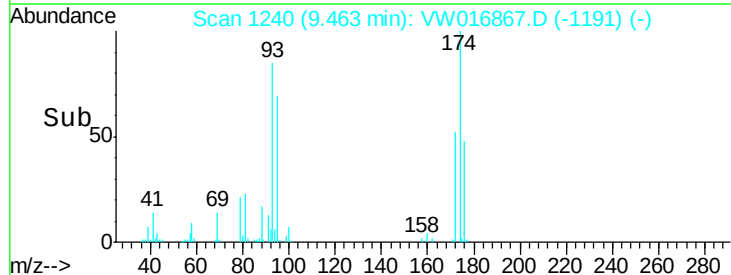
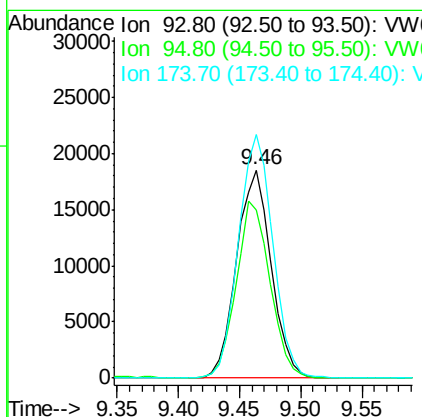
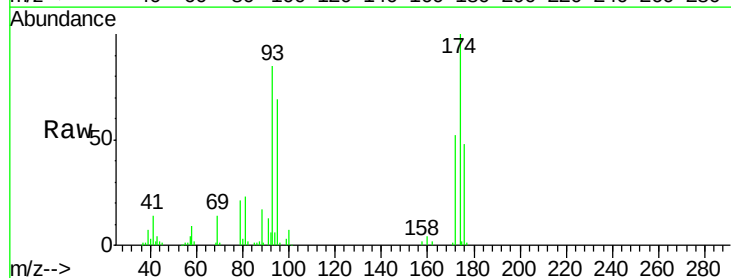
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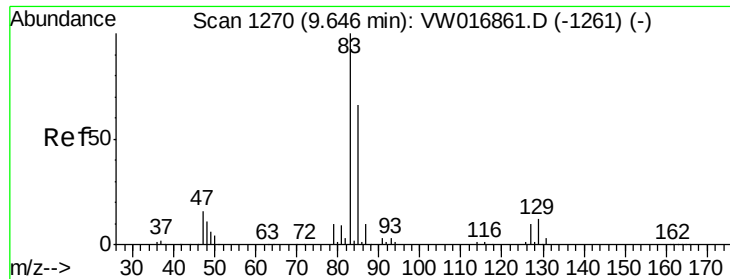
MMDadoda
 10/12/2020 4:20:49 PM



#46
 Dibromomethane
 Concen: 20.928 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion: 93 Resp: 36391
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.5 99.7
 174 116.4 91.0 136.6





#47

Bromodichloromethane

Concen: 20.492 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

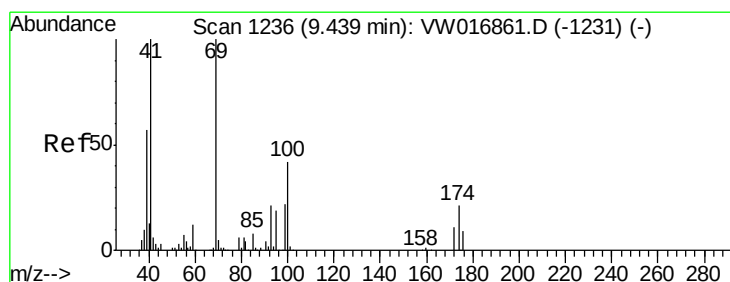
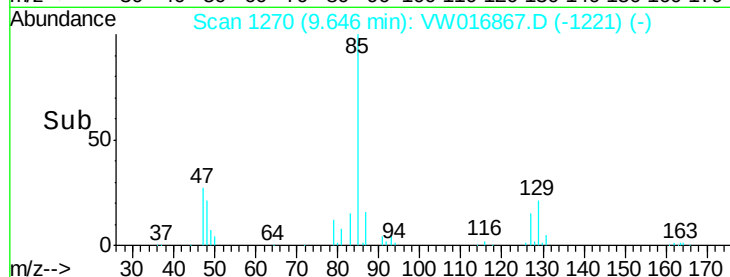
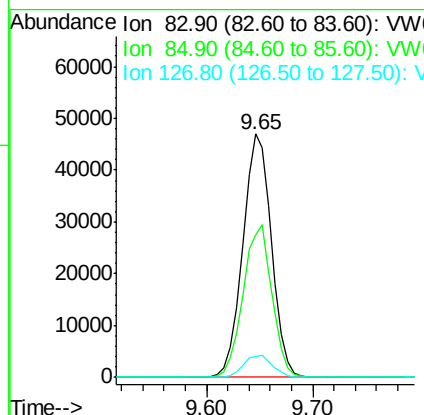
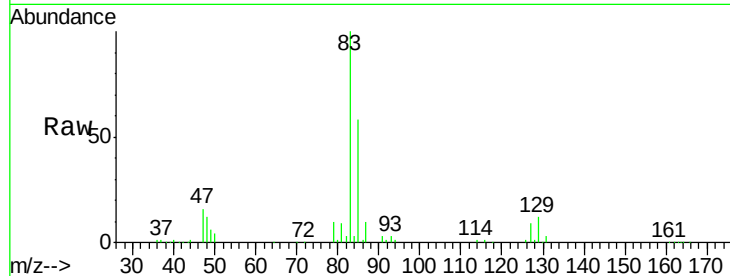
ClientSampleId :

VW1010SBSD01

Tot Ion:	83	Resp:	88601
Ion Ratio	Lower	Upper	
83	100		
85	58.4	52.7	79.1
127	8.6	7.8	11.6

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 22.109 ug/l

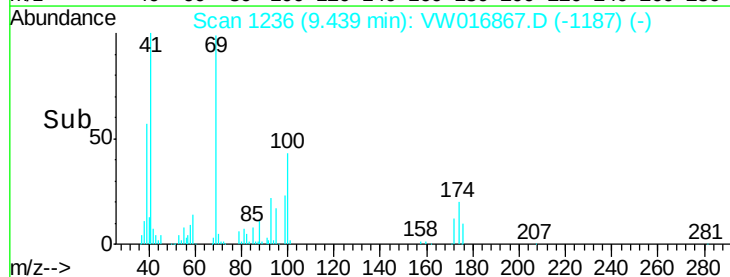
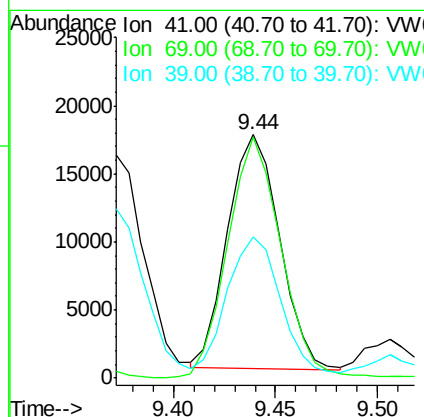
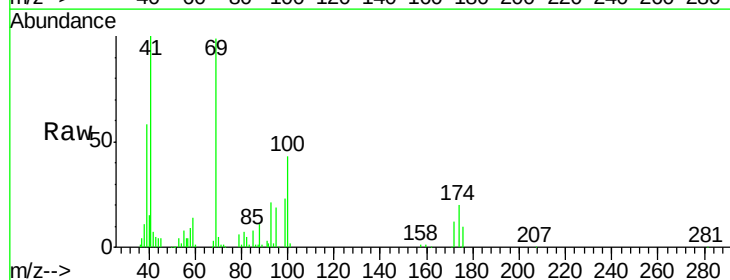
RT: 9.44 min Scan# 1236

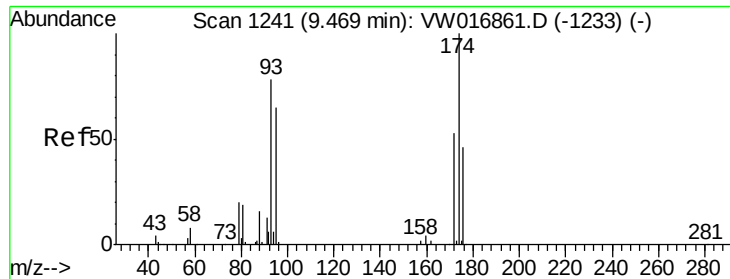
Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tgt Ion:	41	Resp:	30510
Ion Ratio	Lower	Upper	
41	100		
69	106.2	83.5	125.3
39	58.5	50.9	76.3





#49

1,4-Dioxane

Concen: 455.660 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

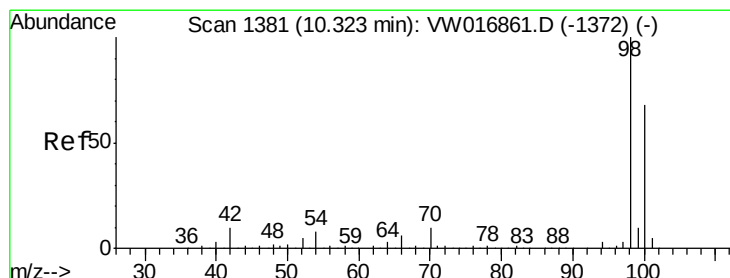
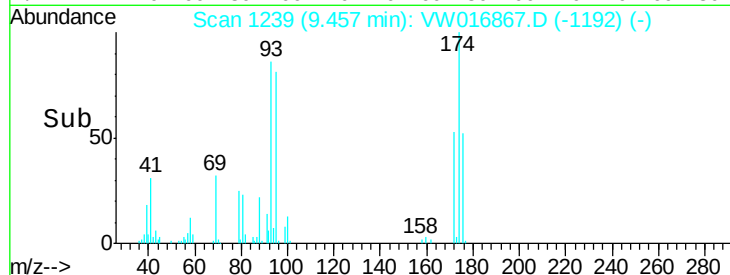
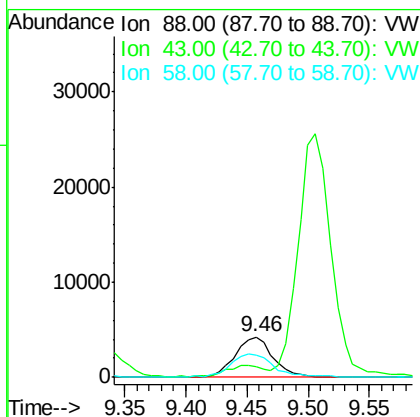
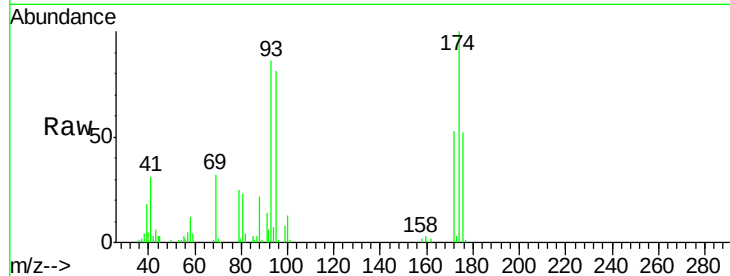
ClientSampleId :

VW1010SBSD01

Tot Ion	88	Resp	9114
Ion	Ratio	Lower	Upper
88	100		
43	28.5	0.0	0.0#
58	67.0	54.0	81.0

Manual Integrations
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#50

Toluene-d8

Concen: 51.559 ug/l

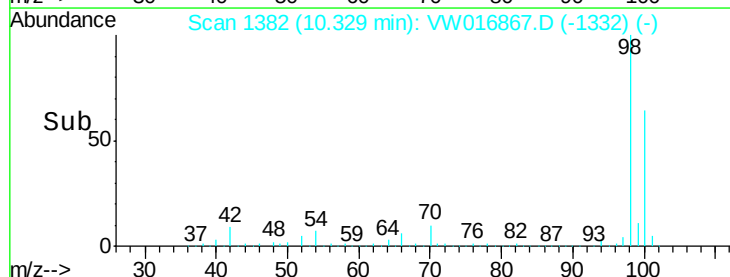
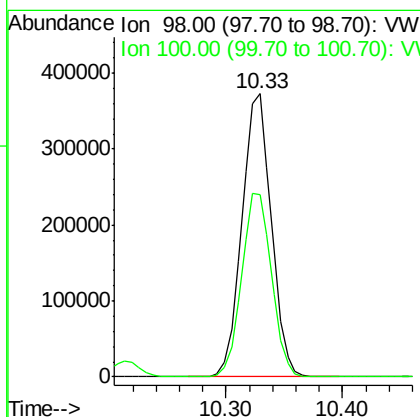
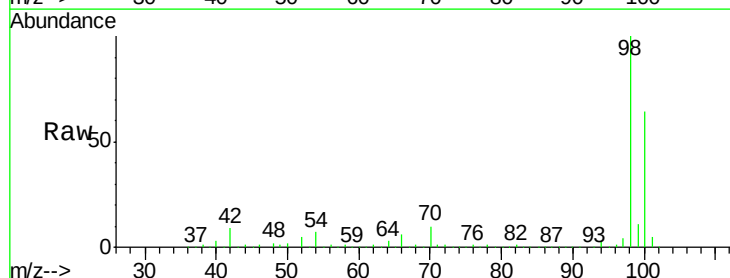
RT: 10.33 min Scan# 1382

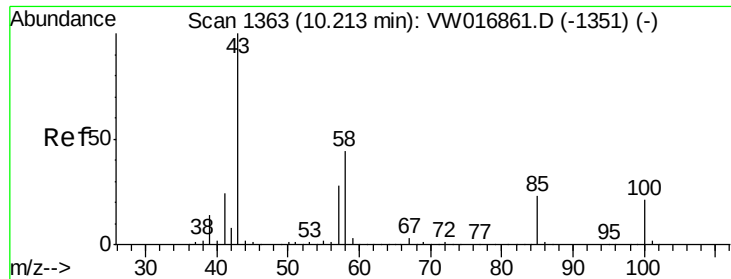
Delta R.T. 0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tgt Ion	98	Resp	655808
Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.3	79.9





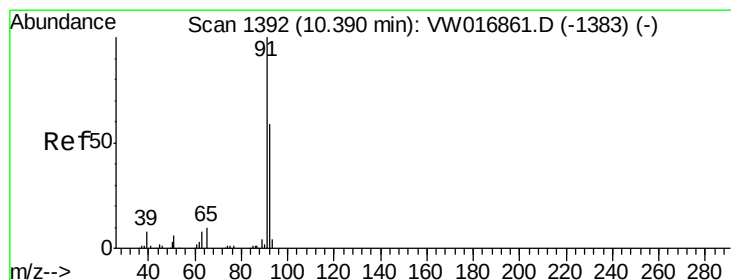
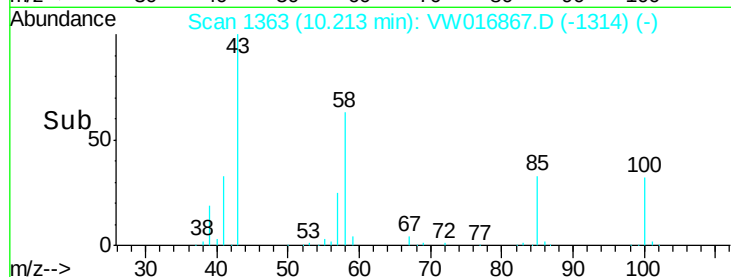
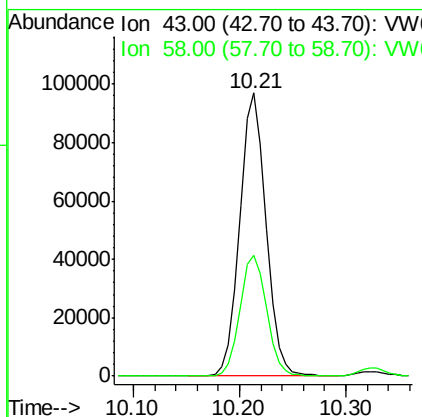
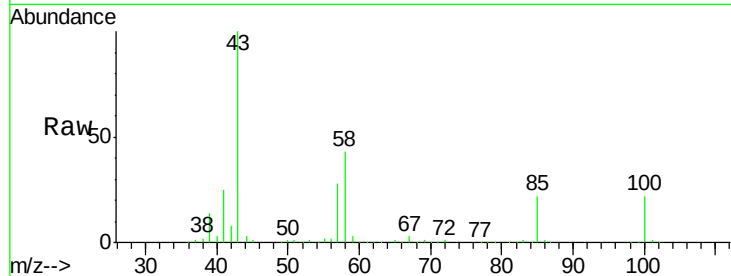
#51
4-Methyl-2-Pentanone
Concen: 111.101 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion: 43 Resp: 168317
Ion Ratio Lower Upper
43 100
58 43.6 34.7 52.1

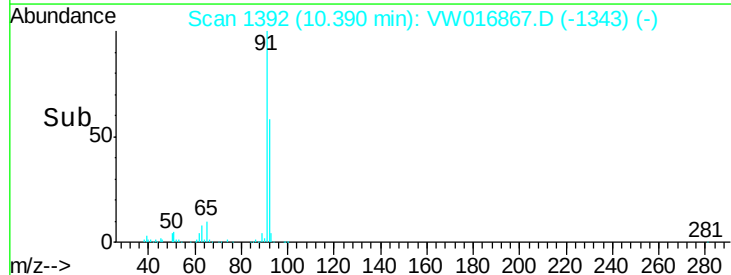
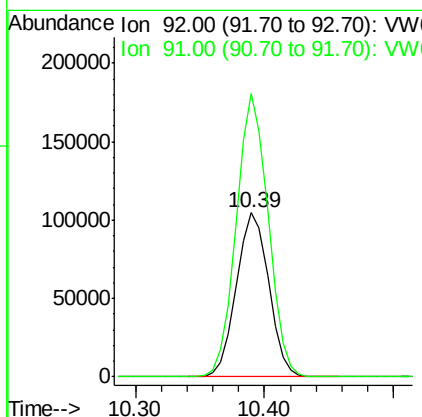
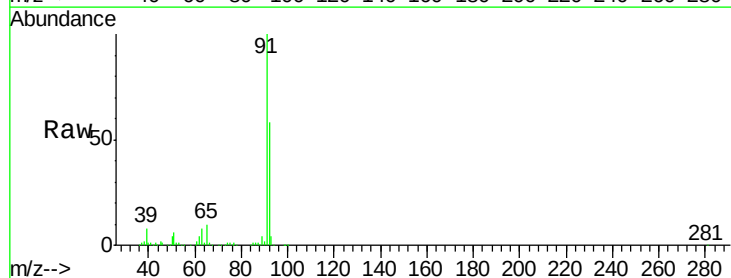
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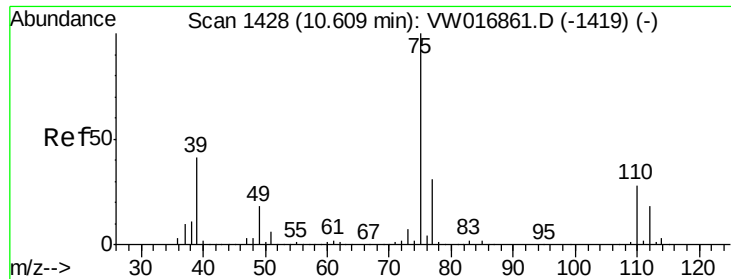
MMDadoda
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#52
Toluene
Concen: 20.697 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion: 92 Resp: 182395
Ion Ratio Lower Upper
92 100
91 169.6 134.7 202.1





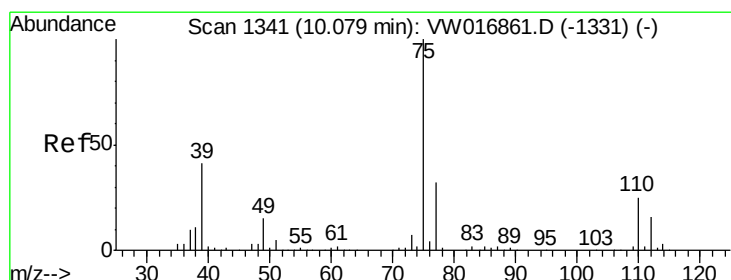
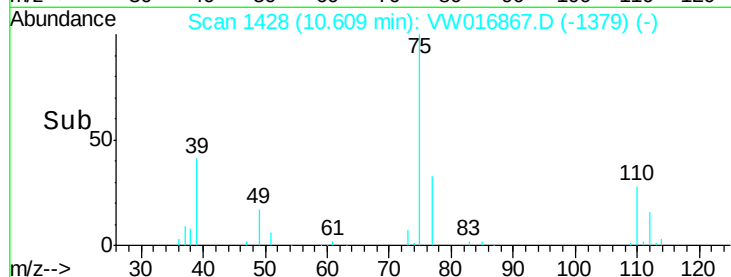
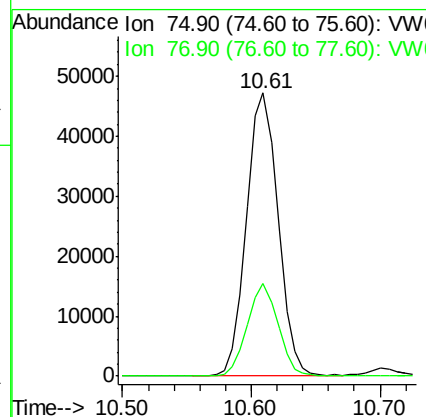
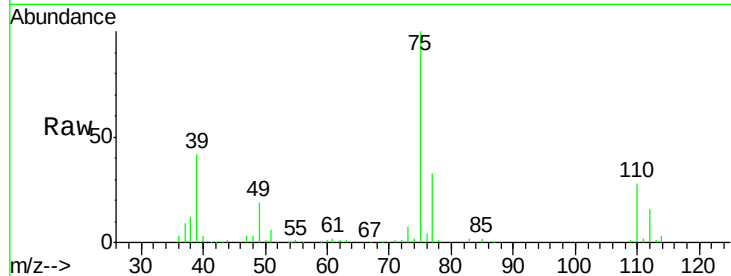
#53
t-1,3-Dichloropropene
Concen: 20.389 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion: 75 Resp: 80254
Ion Ratio Lower Upper
75 100
77 32.8 24.8 37.2

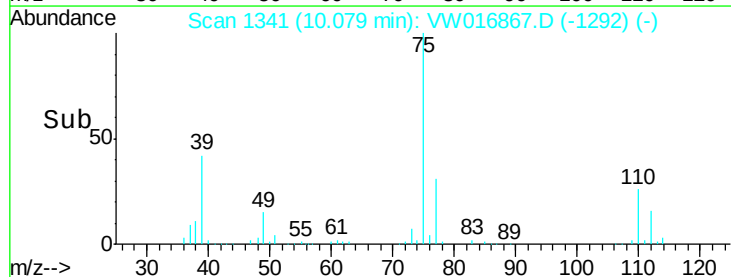
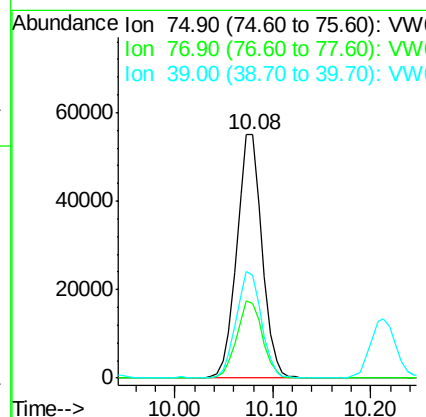
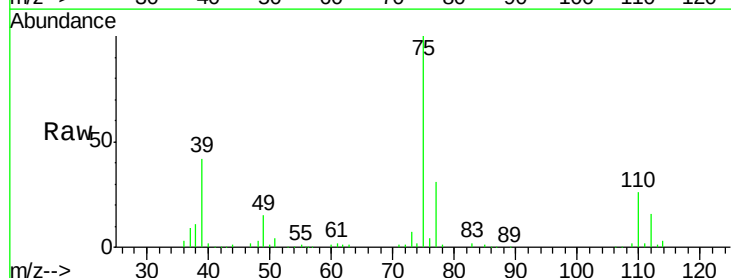
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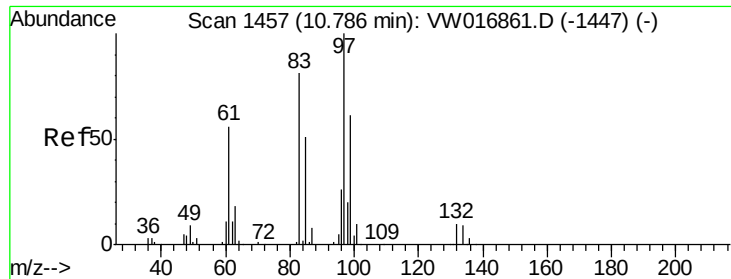
MMDadoda
10/12/2020 4:20:49 PM



#54
cis-1,3-Dichloropropene
Concen: 20.513 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion: 75 Resp: 98623
Ion Ratio Lower Upper
75 100
77 30.8 25.8 38.6
39 42.3 32.9 49.3





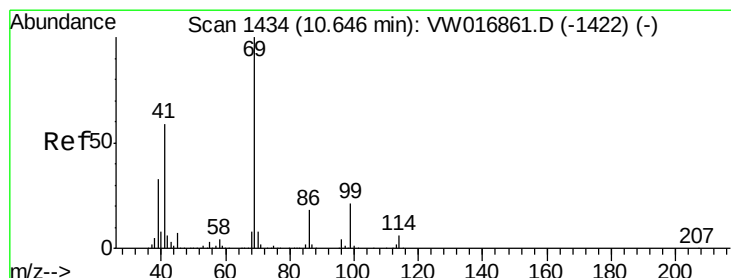
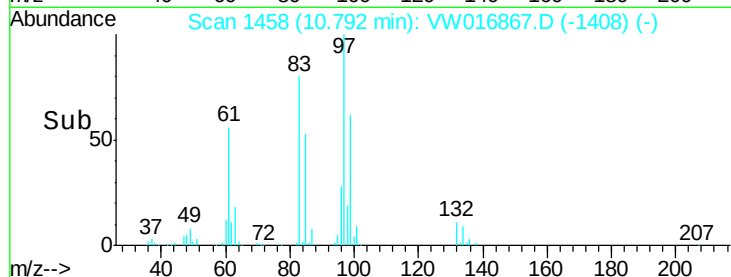
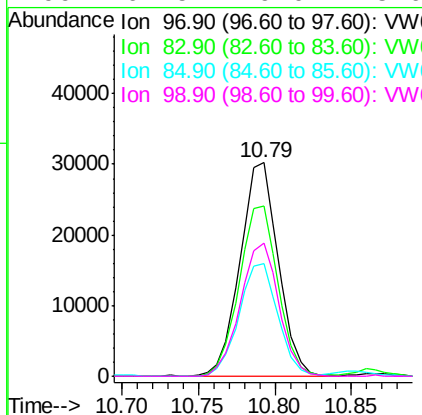
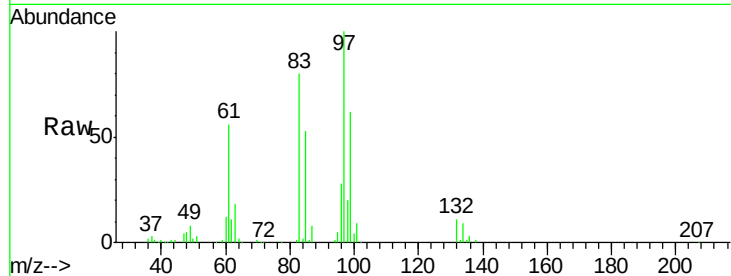
#55
 1,1,2-Trichloroethane
 Concen: 21.172 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion:	97	Resp:	52404
Ion	Ratio	Lower	Upper
97	100		
83	79.5	64.6	97.0
85	53.0	40.6	61.0
99	62.5	49.0	73.6

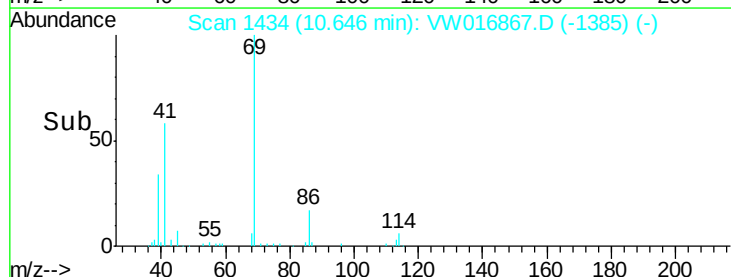
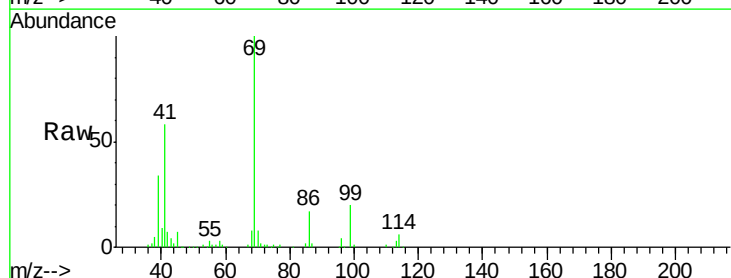
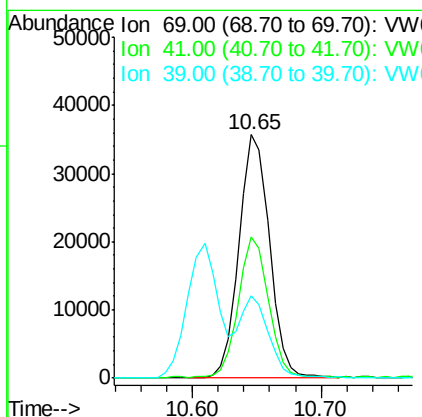
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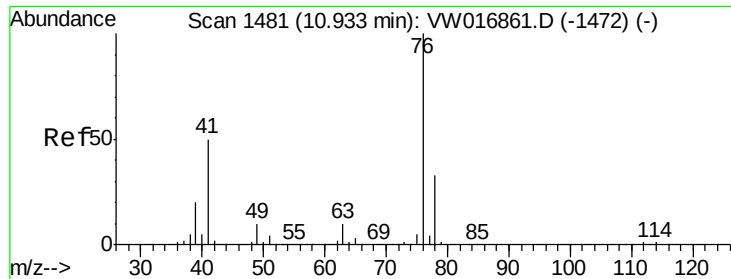
MMDadoda
 10/12/2020 4:20:49 PM



#56
 Ethyl methacrylate
 Concen: 21.810 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion:	69	Resp:	58725
Ion	Ratio	Lower	Upper
69	100		
41	56.7	46.3	69.5
39	33.5	25.9	38.9





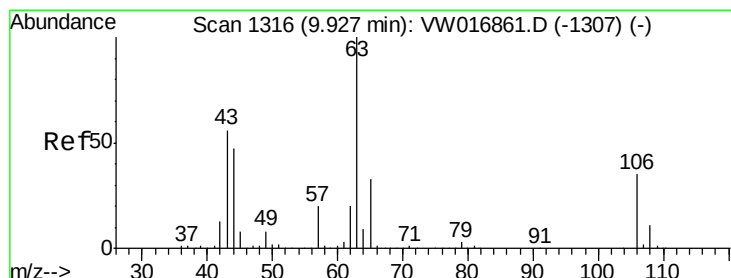
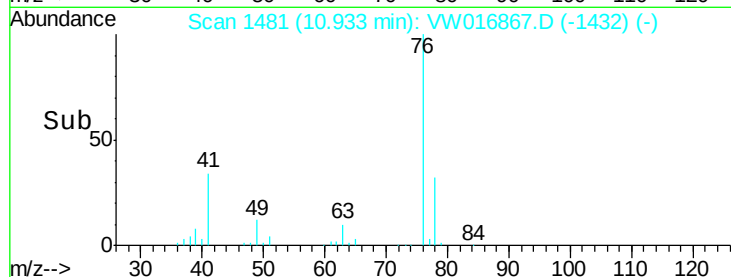
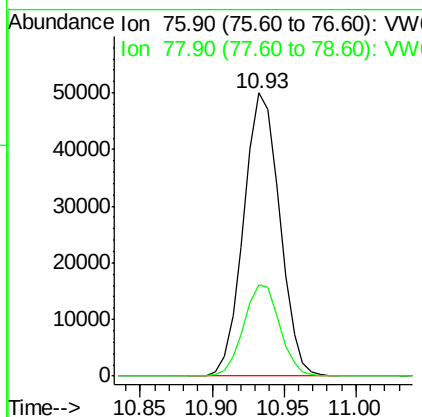
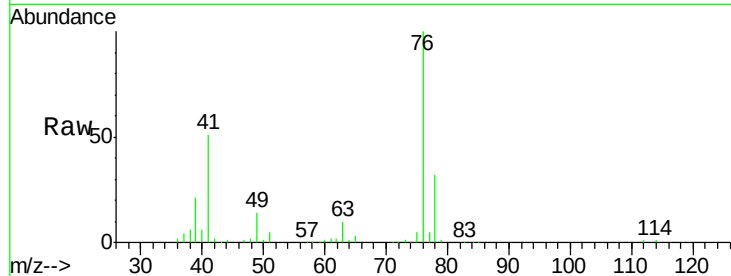
#57
 1,3-Dichloropropane
 Concen: 21.155 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion: 76 Resp: 86632
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.0 39.0

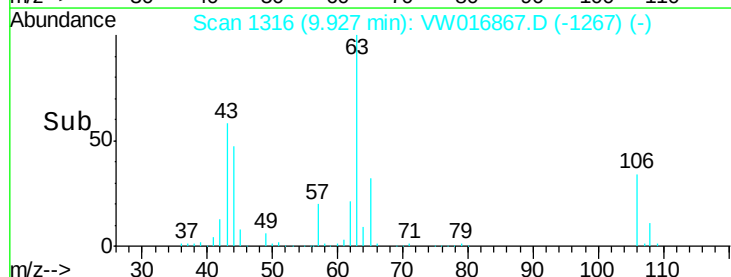
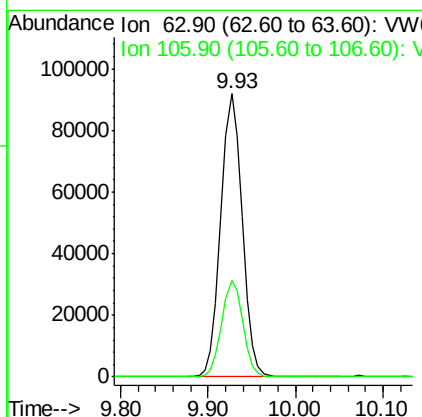
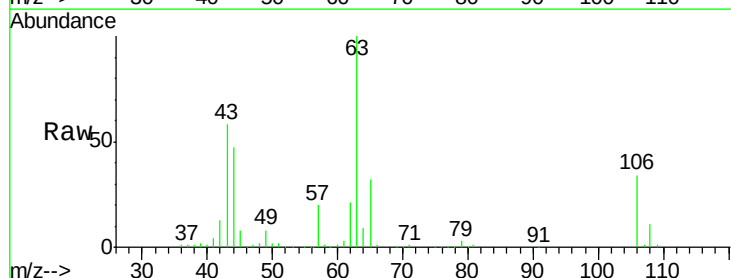
Manual Integrations
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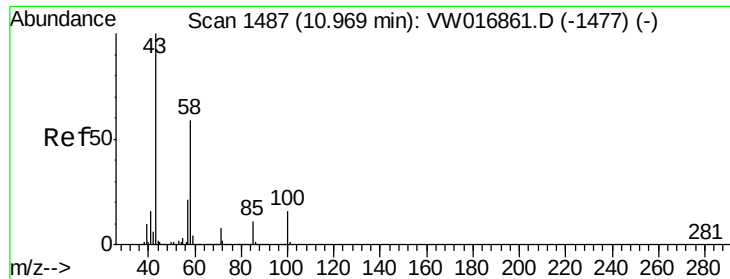
MMDadoda
 10/12/2020 4:20:49 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.882 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion: 63 Resp: 156495
 Ion Ratio Lower Upper
 63 100
 106 33.7 27.0 40.4





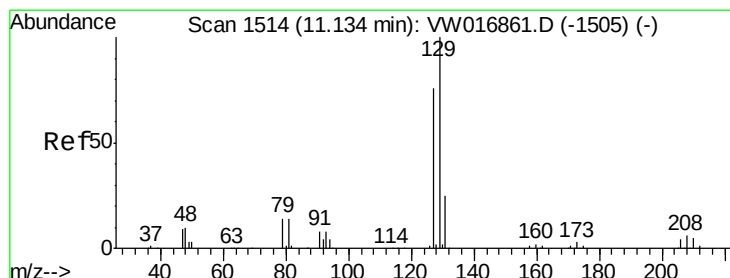
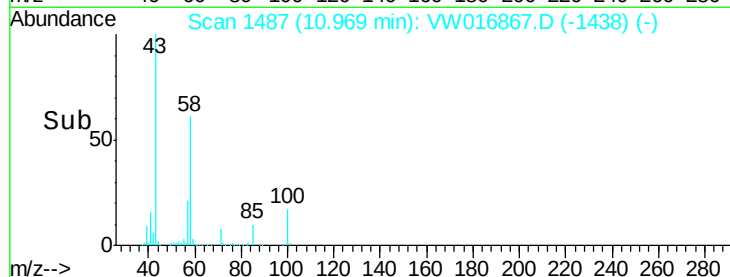
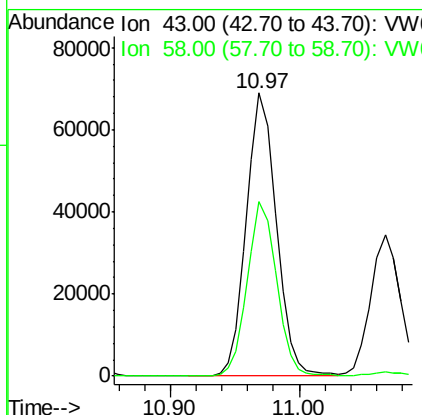
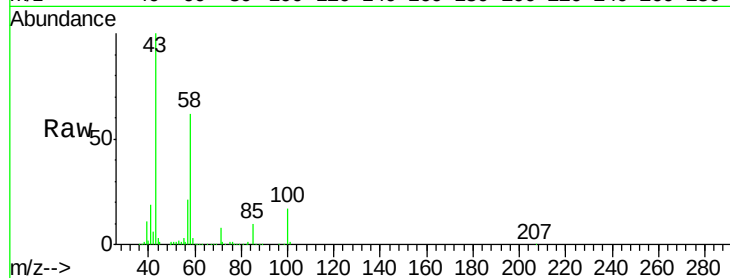
#59
2-Hexanone
Concen: 111.253 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	43	Resp	111517
Ion Ratio	100	Lower	Upper
43	100		
58	60.3	29.5	88.5

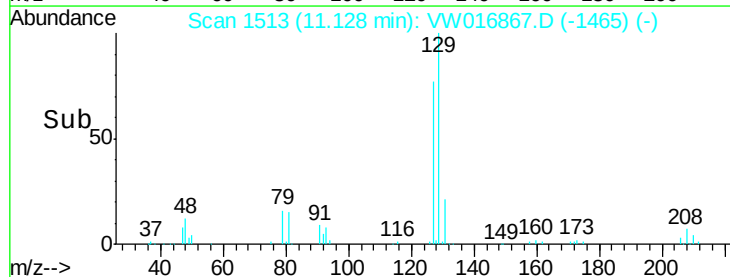
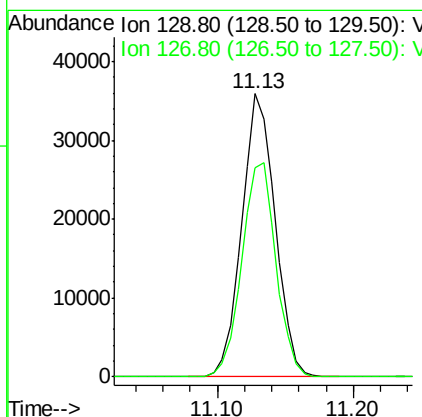
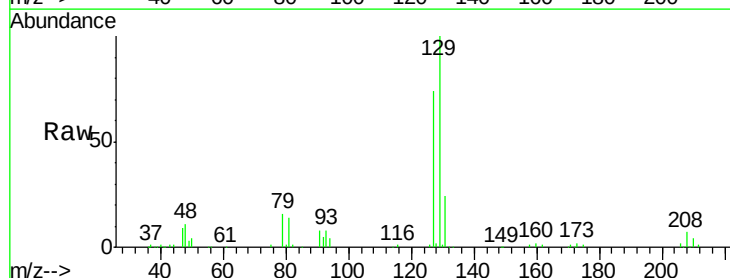
Manual Integrations
APPROVED

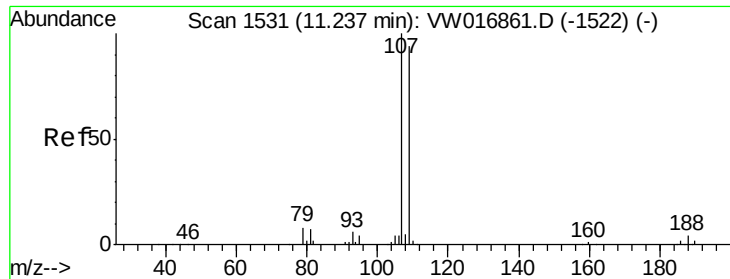
MMDadoda
10/12/2020 4:20:49 PM



#60
Dibromochloromethane
Concen: 20.294 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion	129	Resp	61609
Ion Ratio	100	Lower	Upper
129	100		
127	77.1	38.9	116.6





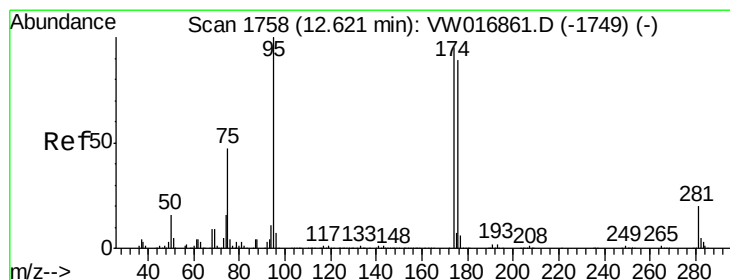
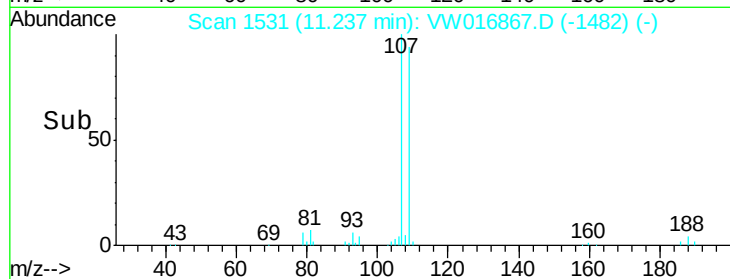
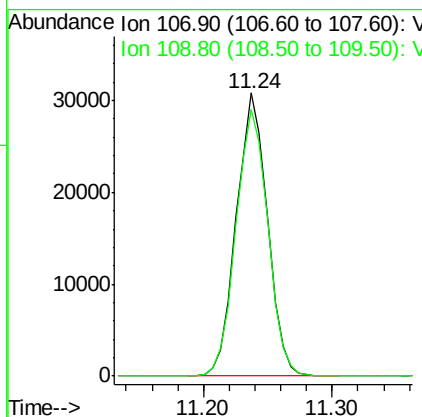
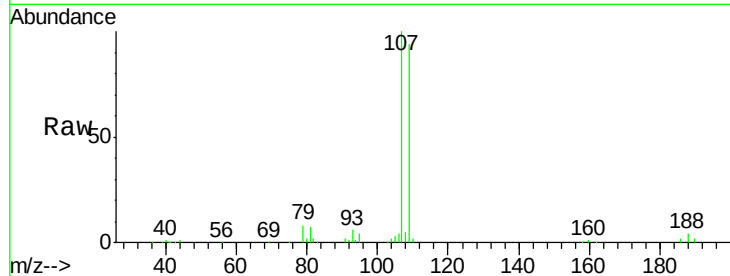
#61
 1,2-Dibromoethane
 Concen: 20.999 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion: 107 Resp: 51474
 Ion Ratio Lower Upper
 107 100
 109 96.8 74.7 112.1

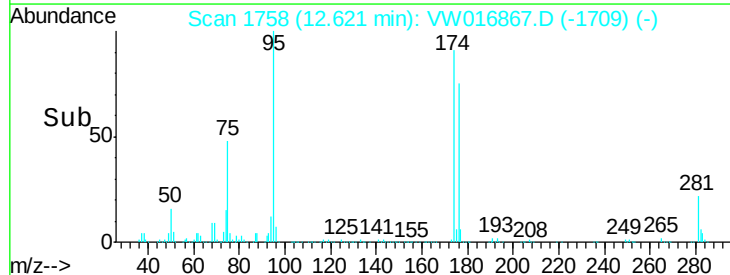
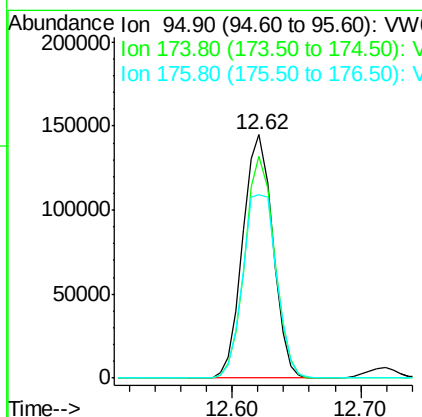
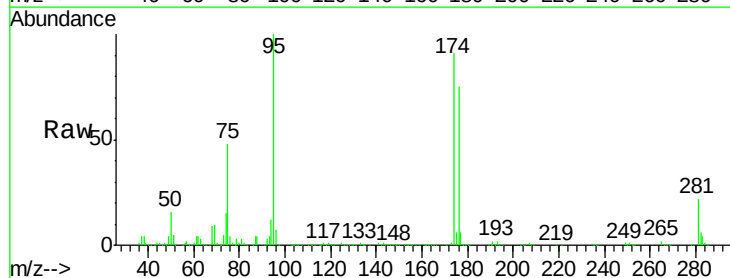
Manual Integrations
 APPROVED

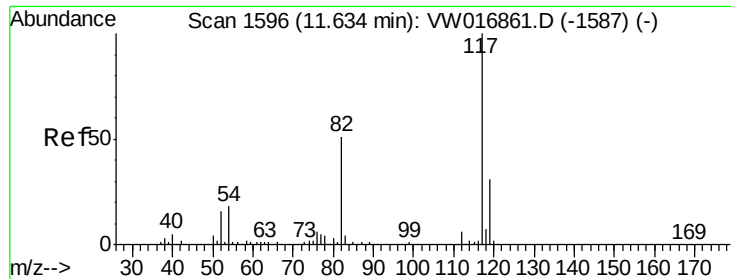
MMDadoda
 10/12/2020 4:20:49 PM



#62
 4-Bromofluorobenzene
 Concen: 53.219 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion: 95 Resp: 233425
 Ion Ratio Lower Upper
 95 100
 174 89.6 0.0 180.6
 176 84.4 0.0 177.6





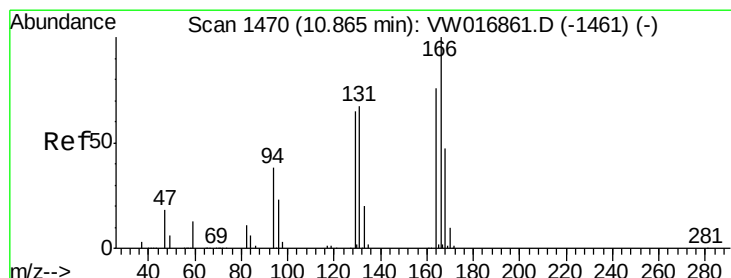
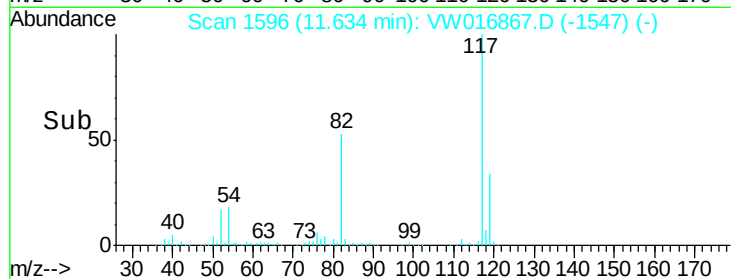
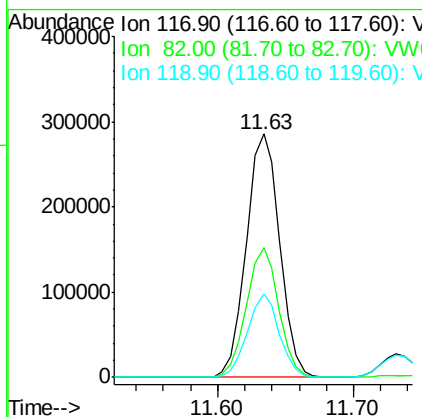
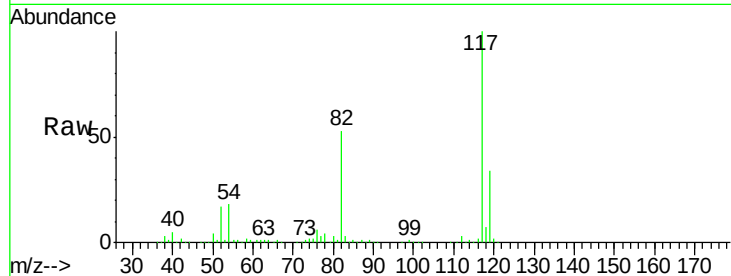
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	491270		
82	53.4	40.7	61.1	
119	34.1	25.0	37.4	

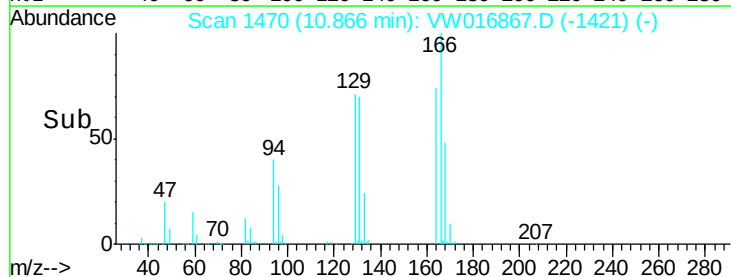
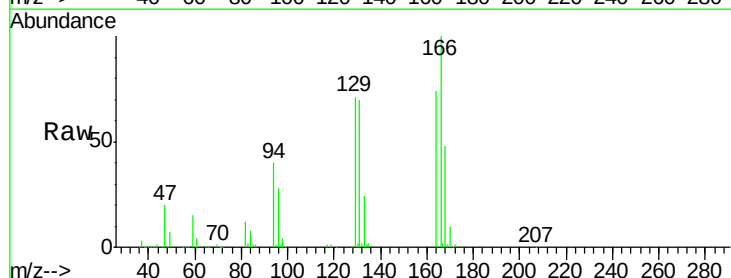
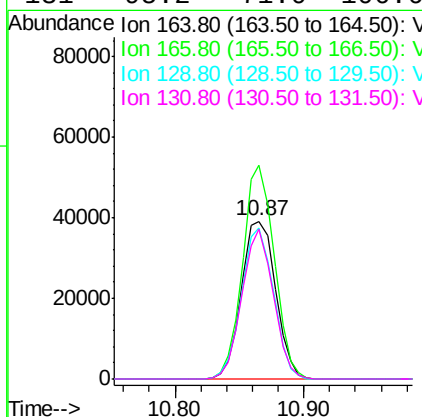
Manual Integrations
APPROVED

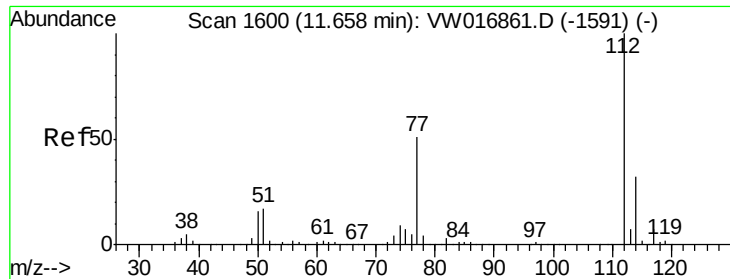
MMDadoda
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#64
Tetrachloroethene
Concen: 20.510 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	71788		
166	135.3	105.3	157.9	
129	95.6	68.8	103.2	
131	95.2	71.0	106.6	





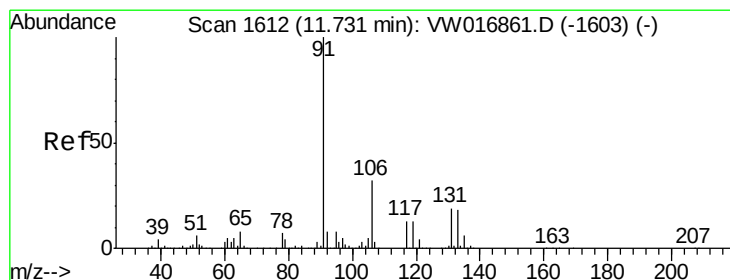
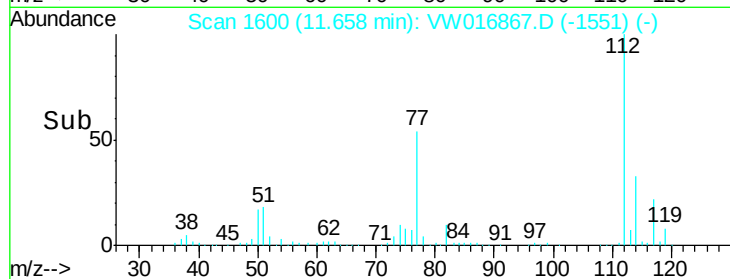
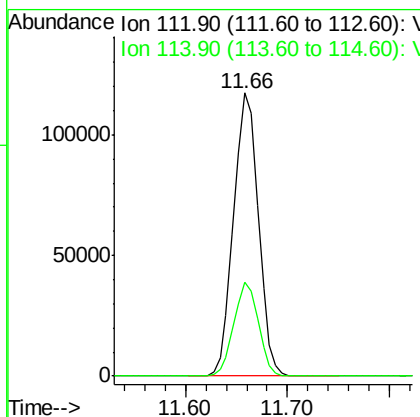
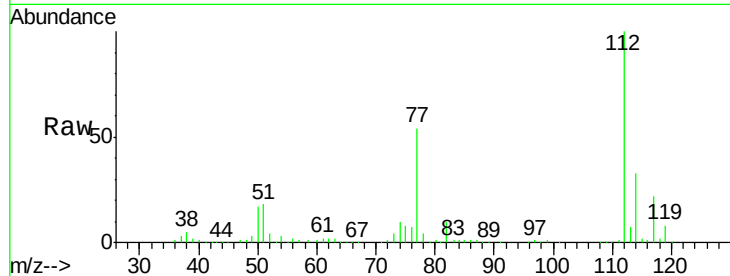
#65
Chlorobenzene
Concen: 20.473 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion:112 Resp: 197278
Ion Ratio Lower Upper
112 100
114 33.4 25.3 37.9

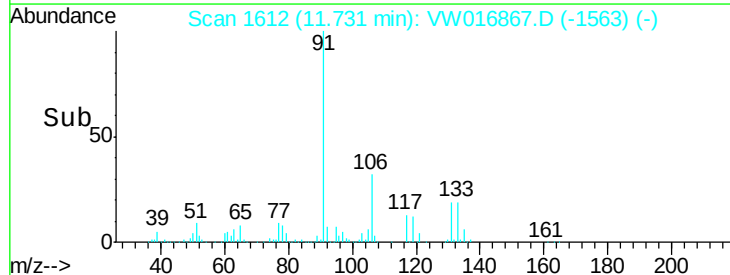
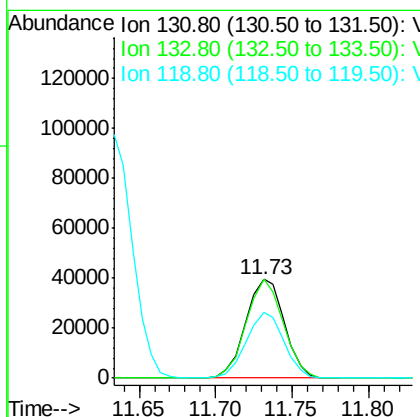
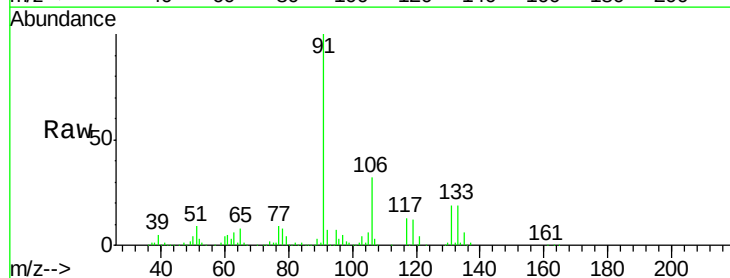
Manual Integrations
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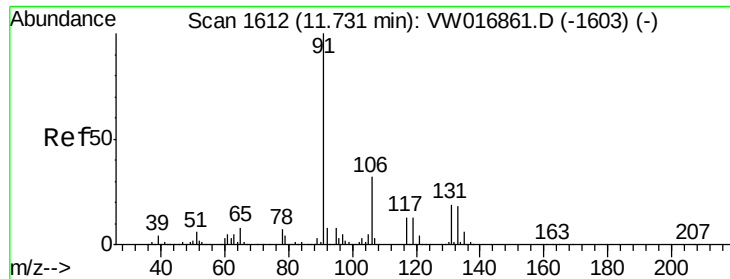
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.329 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion:131 Resp: 69274
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.3
119 65.0 32.5 97.4





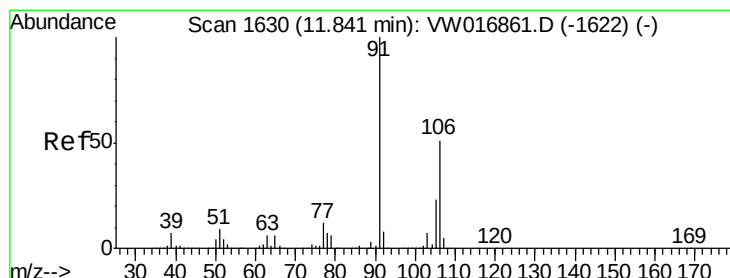
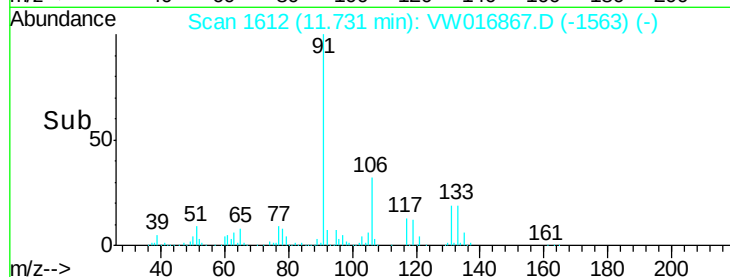
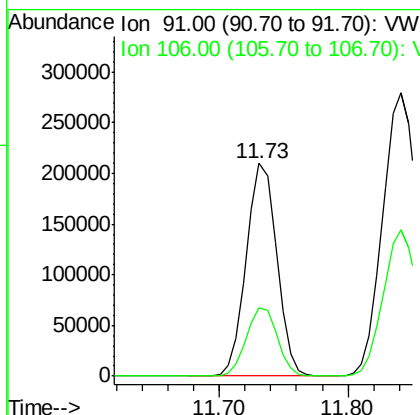
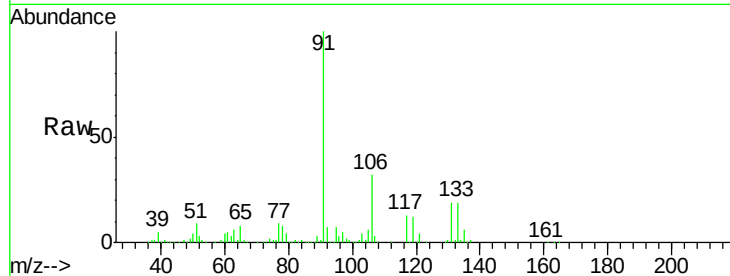
#67
Ethyl Benzene
Concen: 20.465 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion: 91 Resp: 343635
Ion Ratio Lower Upper
91 100
106 32.0 25.9 38.9

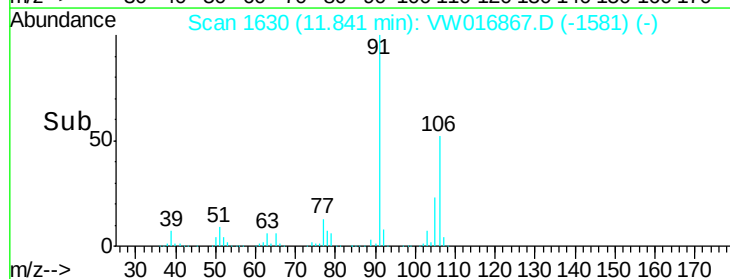
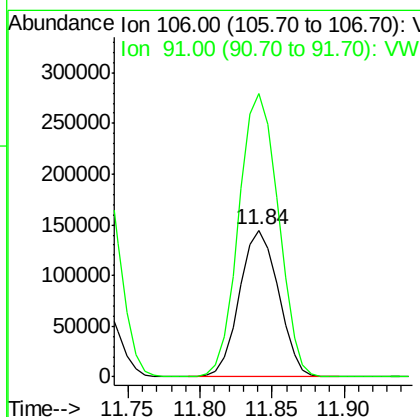
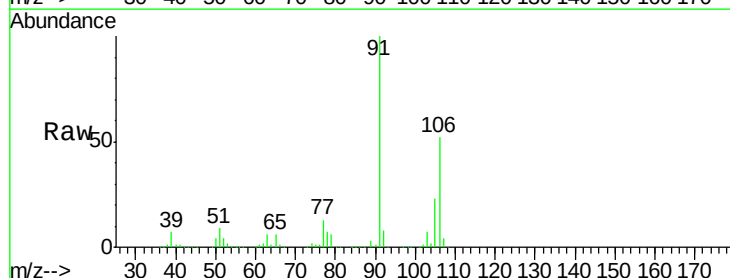
Manual Integrations
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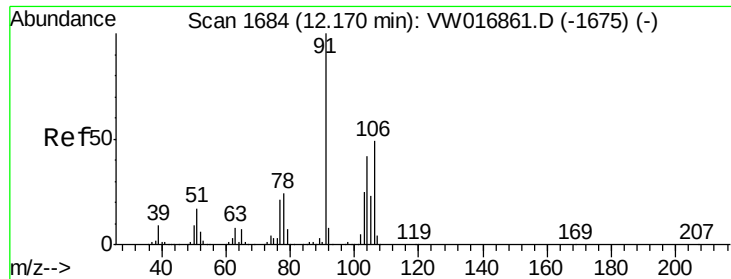
MMDadoda
10/12/2020 4:20:49 PM



#68
m/p-Xylenes
Concen: 41.589 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion: 106 Resp: 271597
Ion Ratio Lower Upper
106 100
91 196.2 157.4 236.0





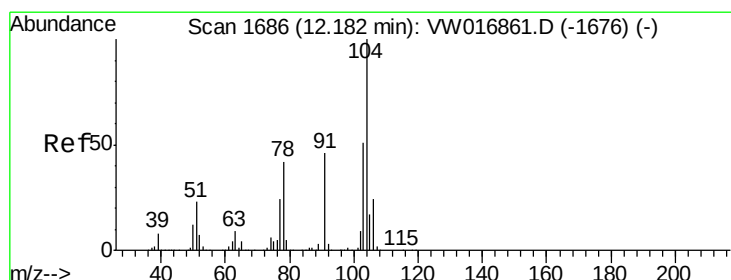
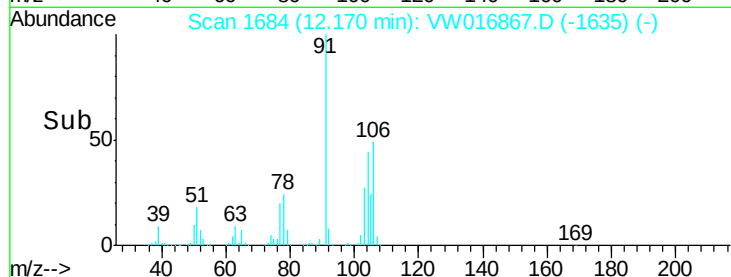
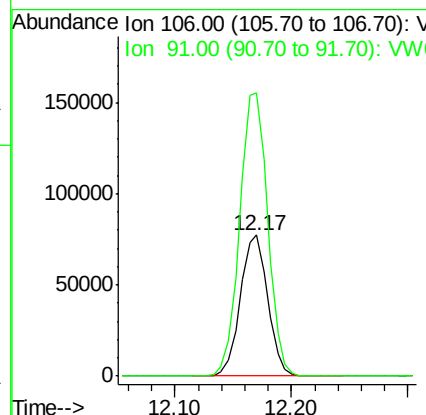
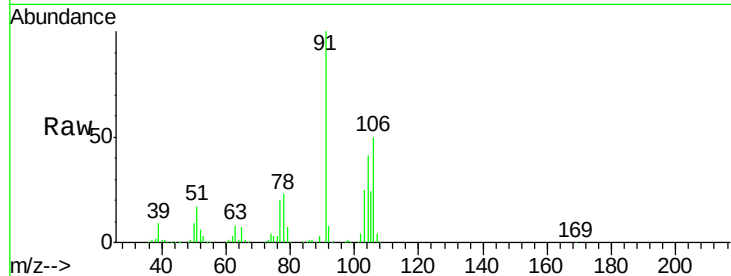
#69
o-Xylene
Concen: 21.130 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.9	103.6	310.9

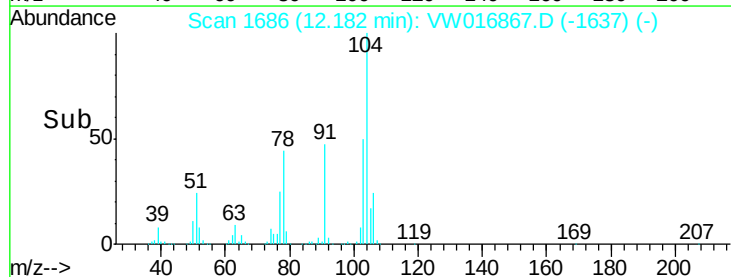
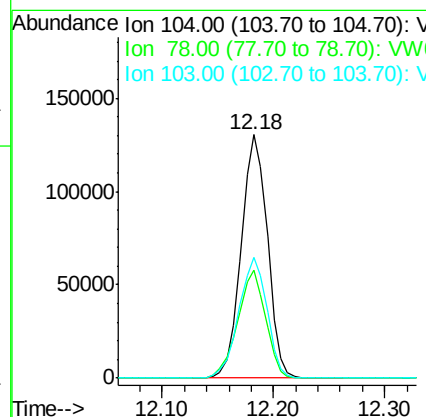
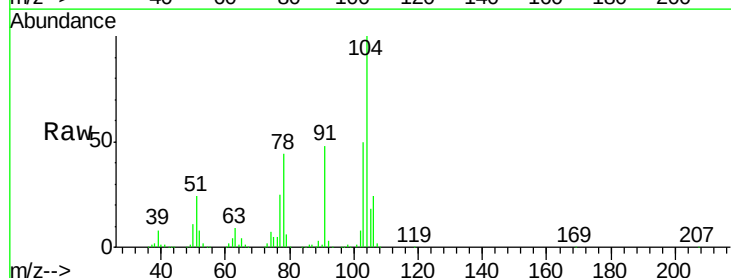
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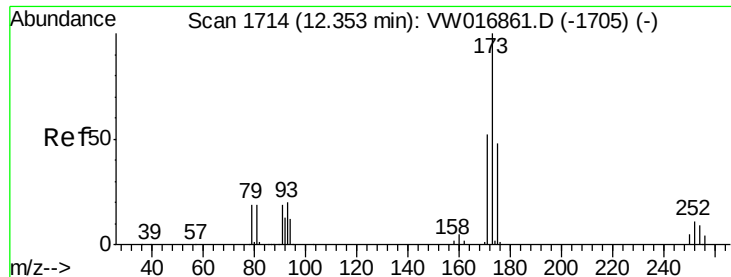
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#70
Styrene
Concen: 21.291 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.2	37.6	56.4
103	53.4	43.6	65.4





#71

Bromoform

Concen: 20.545 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion:173 Resp: 35148

Ion Ratio Lower Upper

173 100

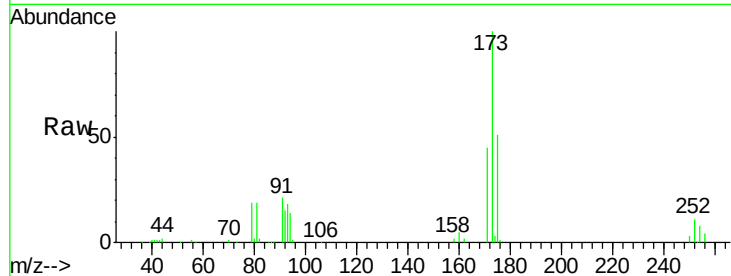
175 49.3 24.7 74.1

254 0.0 0.1 0.1#

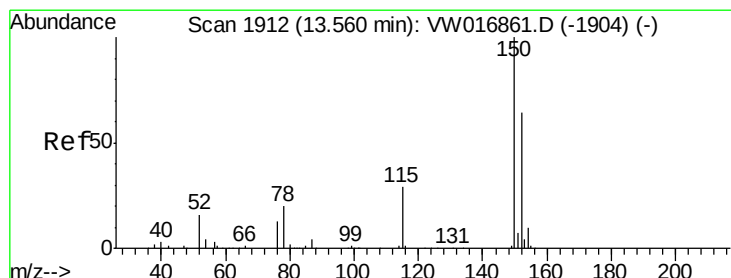
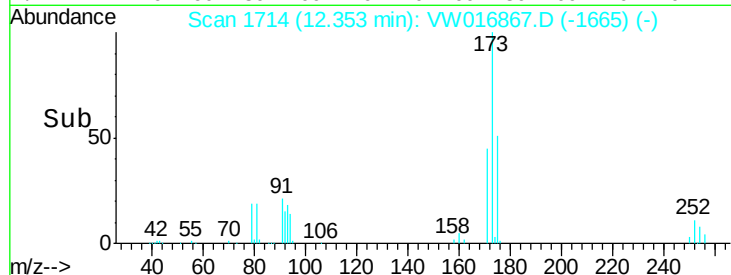
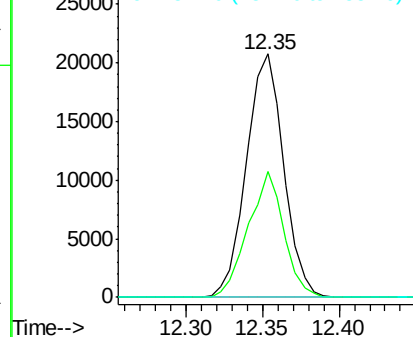
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

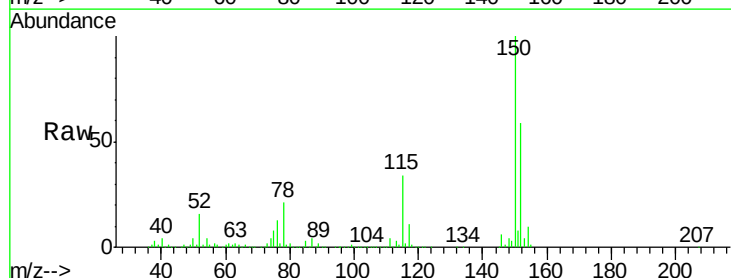
Tgt Ion:152 Resp: 252940

Ion Ratio Lower Upper

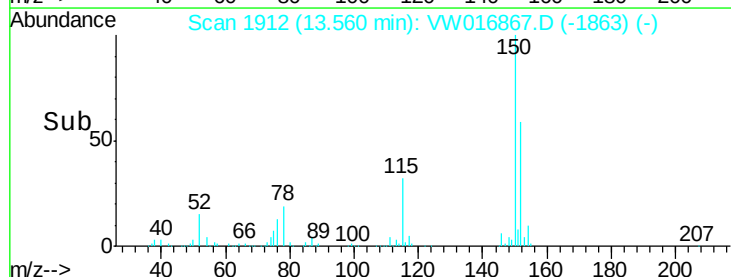
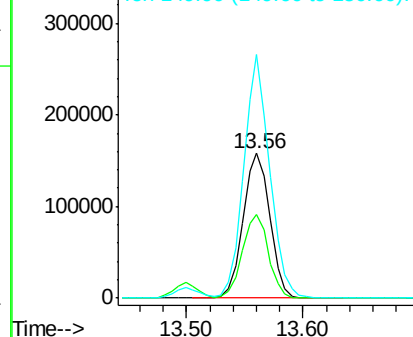
152 100

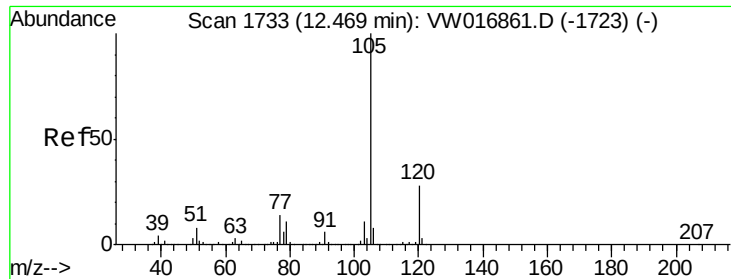
115 56.2 27.9 83.7

150 162.1 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: 20.732 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion:105 Resp: 348555

Ion Ratio Lower Upper

105 100

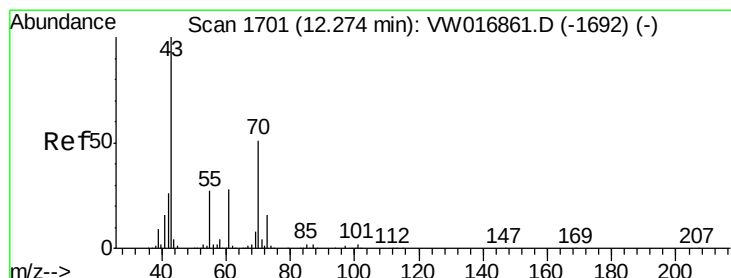
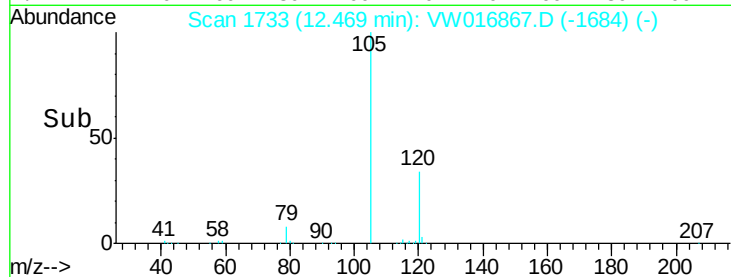
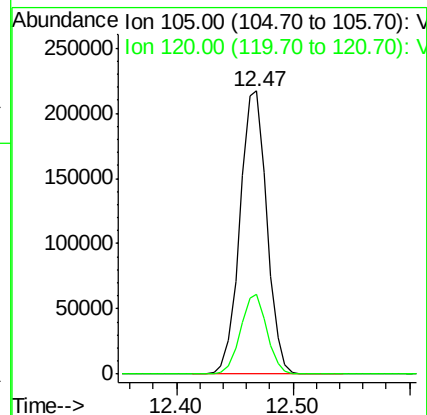
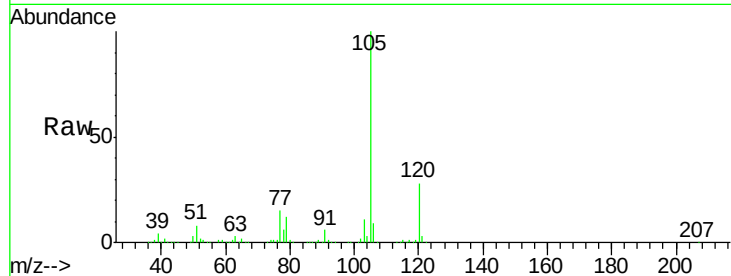
120 27.6 13.6 40.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.215 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tgt Ion: 43 Resp: 57291

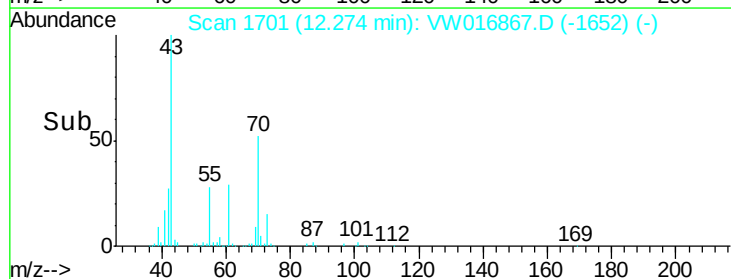
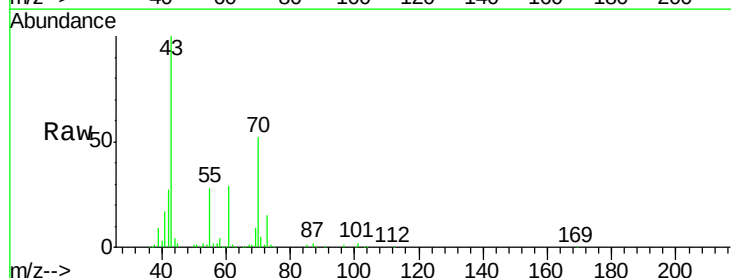
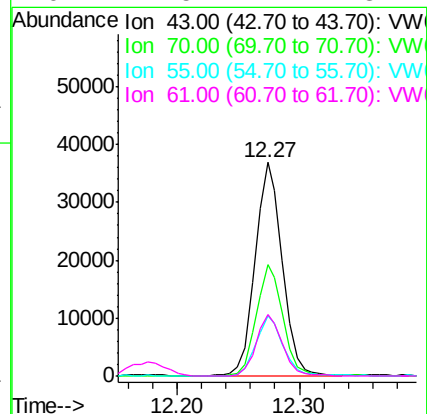
Ion Ratio Lower Upper

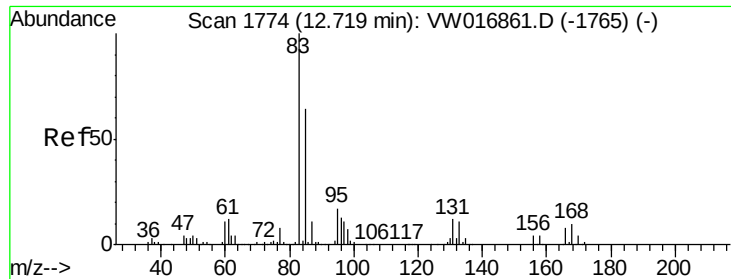
43 100

70 50.9 40.2 60.4

55 27.7 21.4 32.0

61 27.5 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.745 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

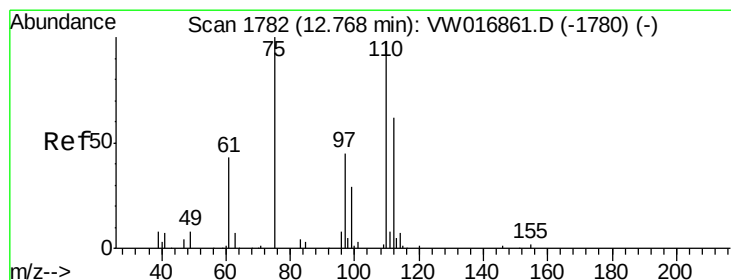
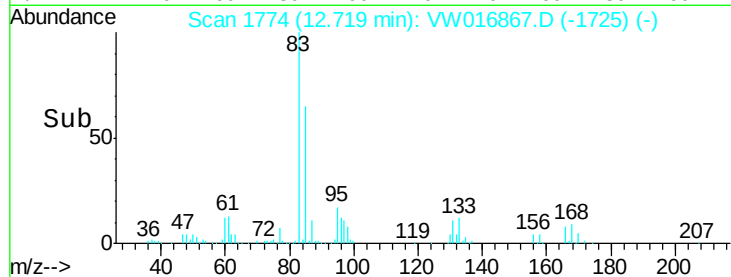
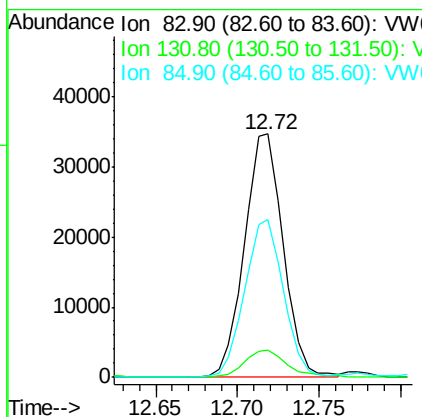
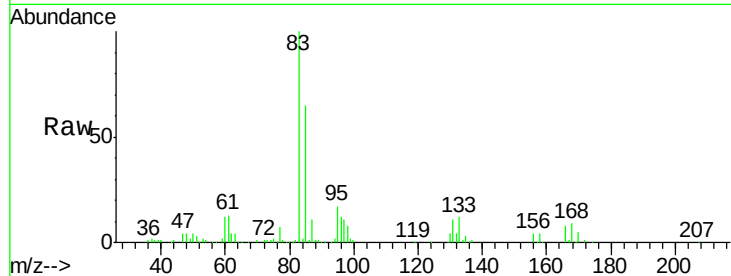
ClientSampleId :

VW1010SBSD01

Tot Ion:	83	Resp:	57361
Ion Ratio	Lower	Upper	
83	100		
131	12.5	6.1	18.3
85	64.9	32.7	98.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.748 ug/l m

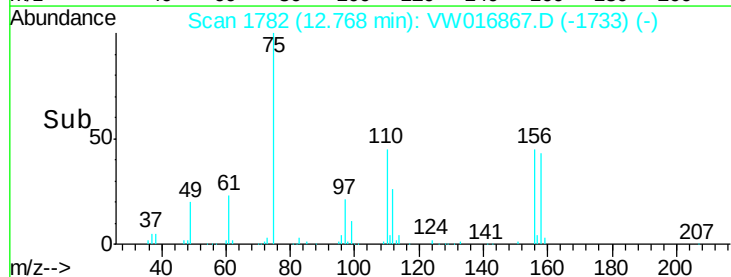
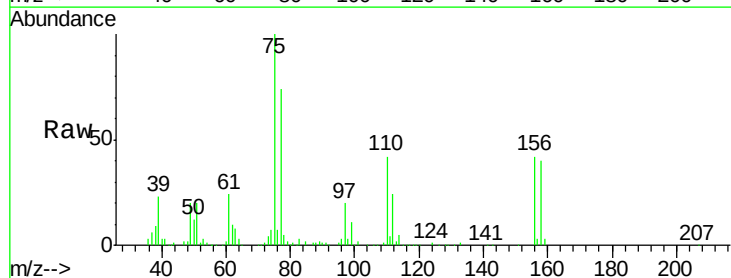
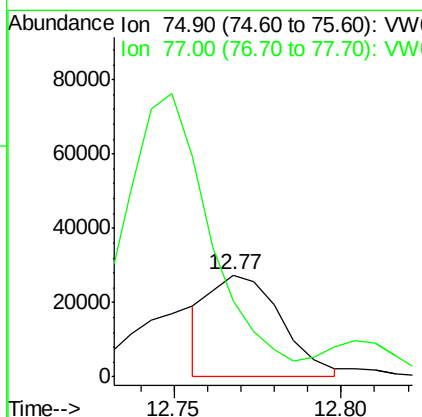
RT: 12.77 min Scan# 1782

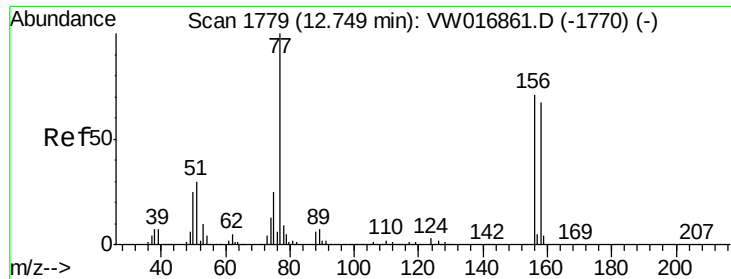
Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tgt Ion:	75	Resp:	41047
Ion Ratio	Lower	Upper	
75	100		
77	334.9	178.8	536.3





#77

Bromobenzene

Concen: 20.530 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

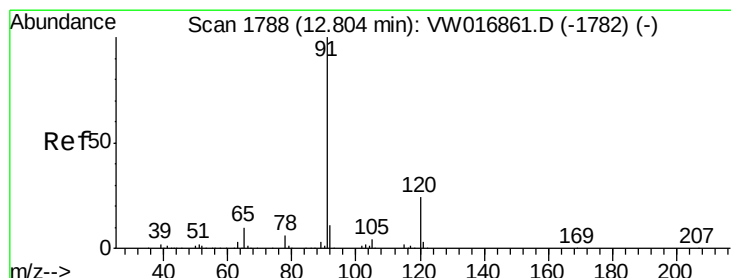
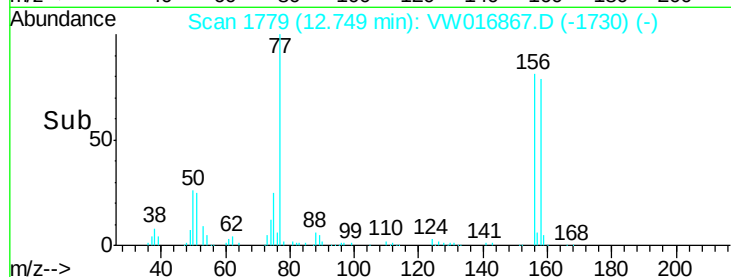
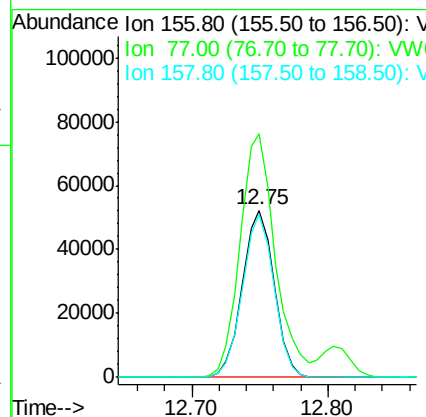
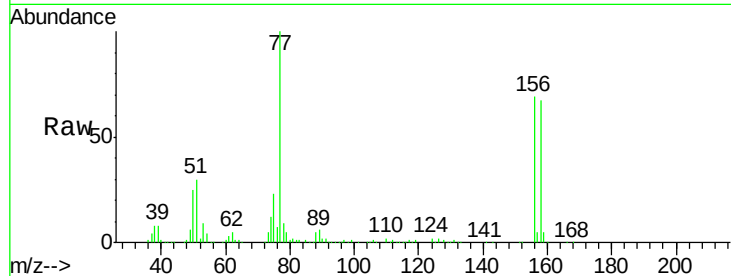
ClientSampleId :

VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	161.1	79.0	237.2
158	96.8	47.0	141.2

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#78

n-propylbenzene

Concen: 20.656 ug/l

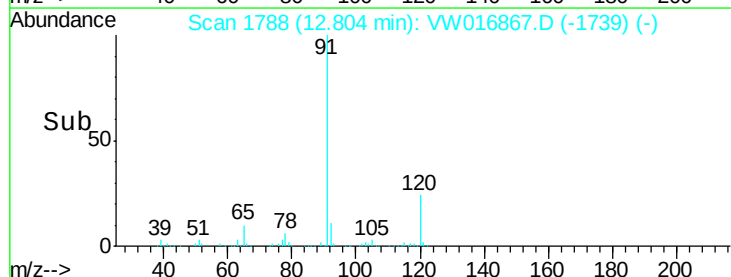
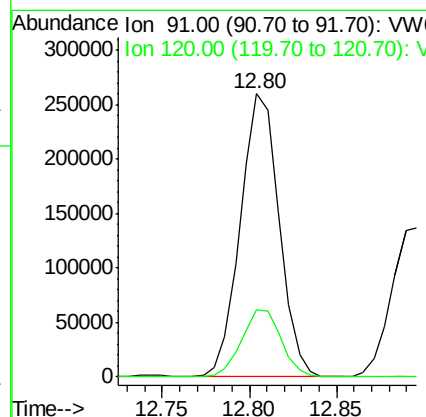
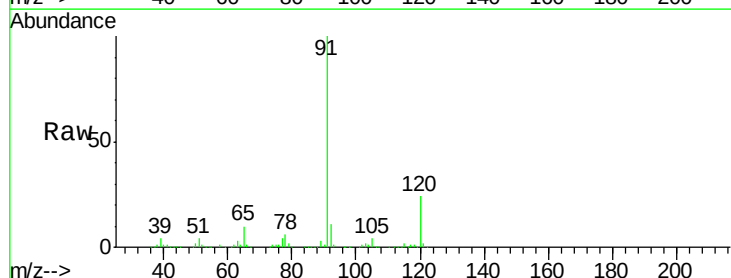
RT: 12.80 min Scan# 1788

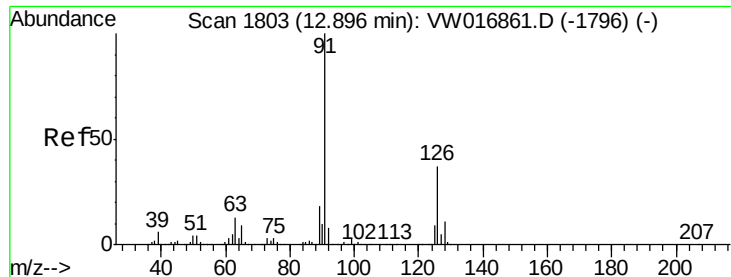
Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.0	36.1





#79

2-Chlorotoluene

Concen: 20.739 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion: 91 Resp: 229377

Ion Ratio Lower Upper

91 100

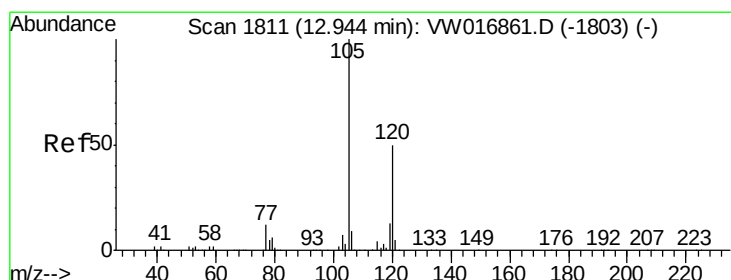
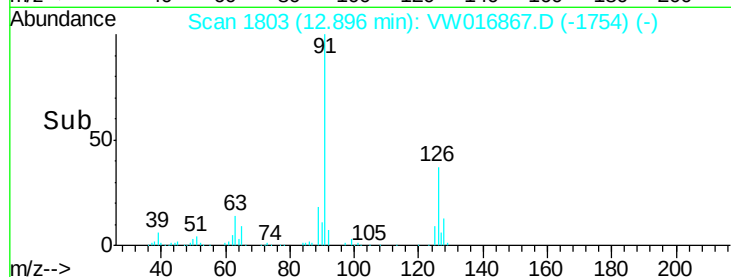
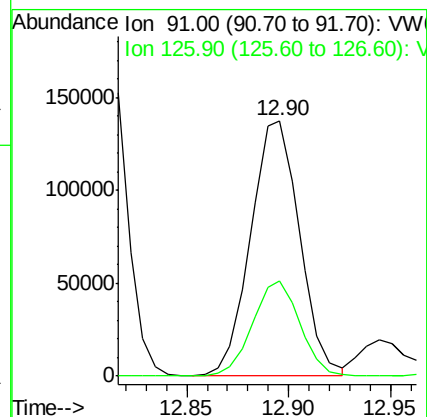
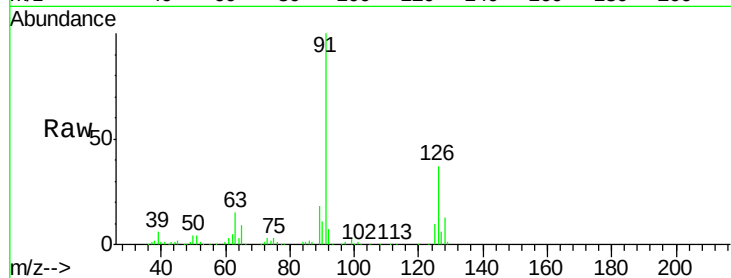
126 36.1 17.9 53.8

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#80

1,3,5-Trimethylbenzene

Concen: 20.593 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016867.D

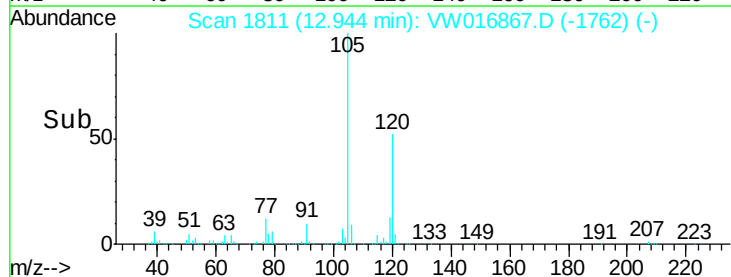
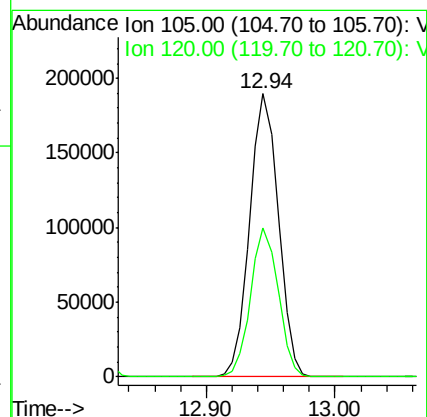
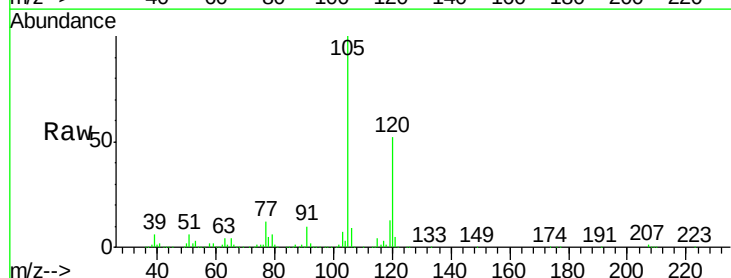
Acq: 09 Oct 2020 18:31

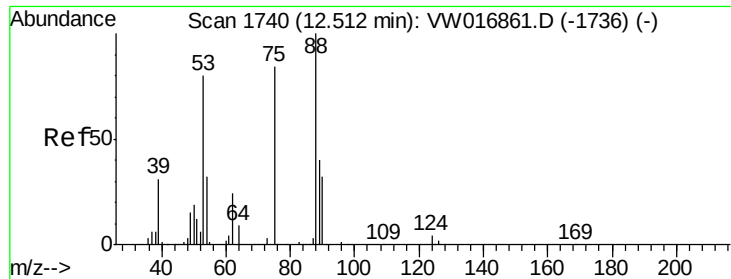
Tgt Ion: 105 Resp: 290143

Ion Ratio Lower Upper

105 100

120 51.2 24.9 74.8





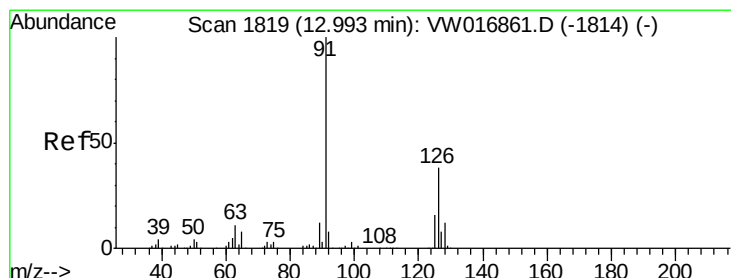
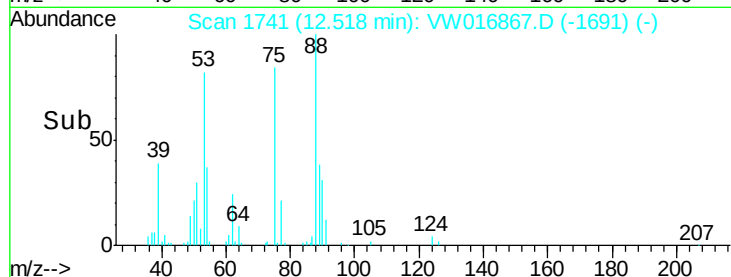
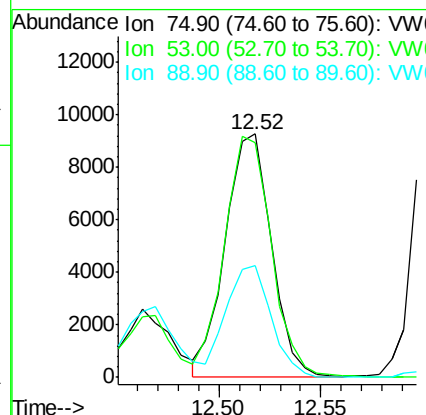
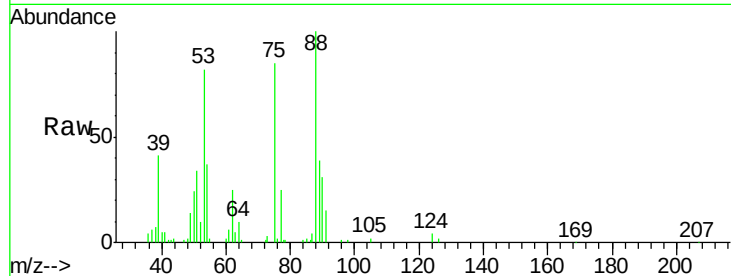
#81
trans-1,4-Dichloro-2-butene
Concen: 20.760 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.9	77.0	115.4
89	44.5	38.7	58.1

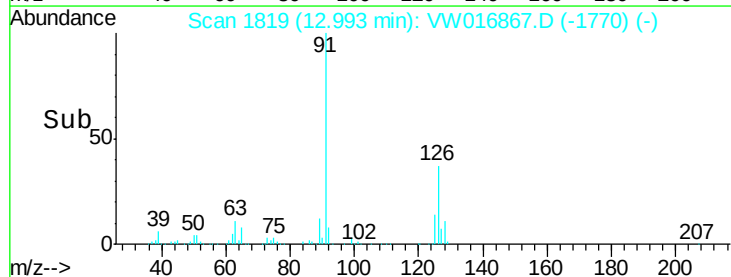
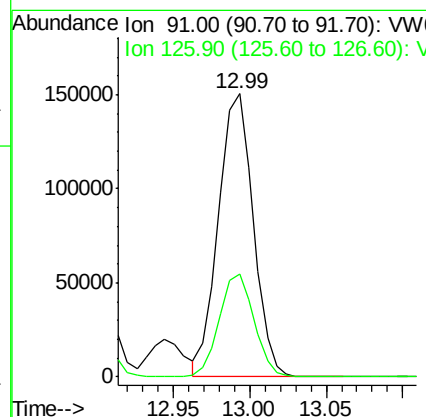
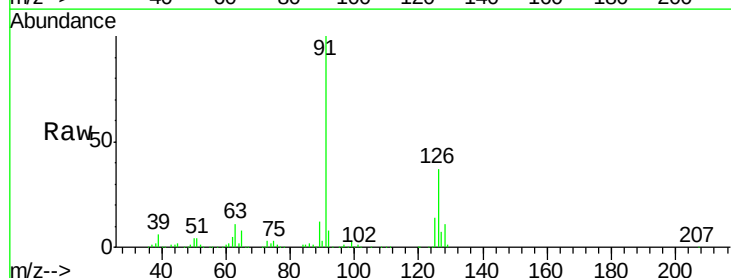
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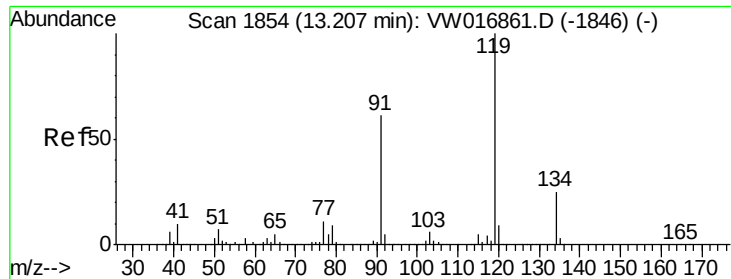
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#82
4-Chlorotoluene
Concen: 20.847 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.1	54.3





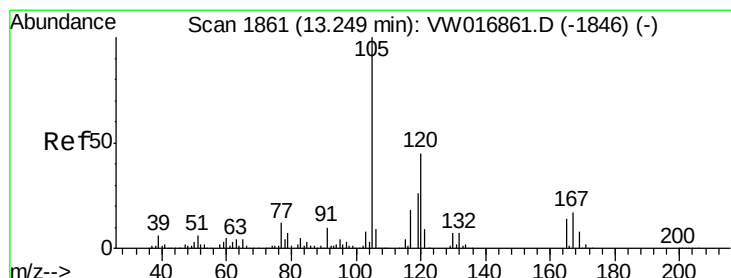
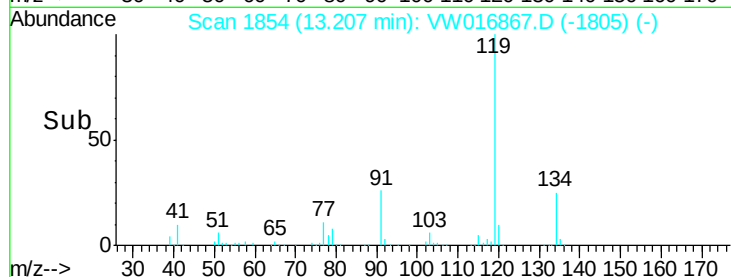
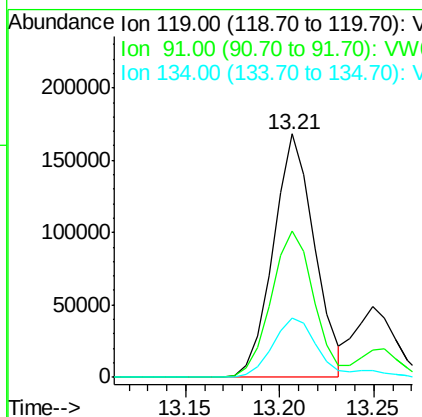
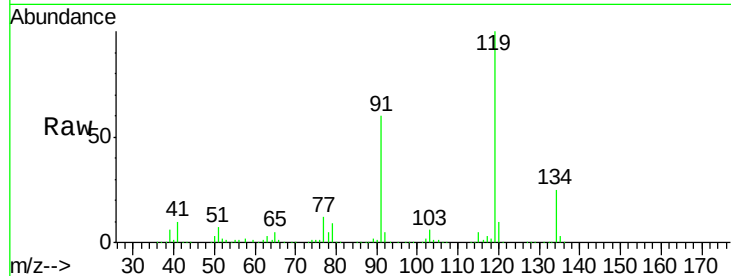
#83
 tert-Butylbenzene
 Concen: 20.895 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	31.3	93.9
134	25.8	14.0	42.0

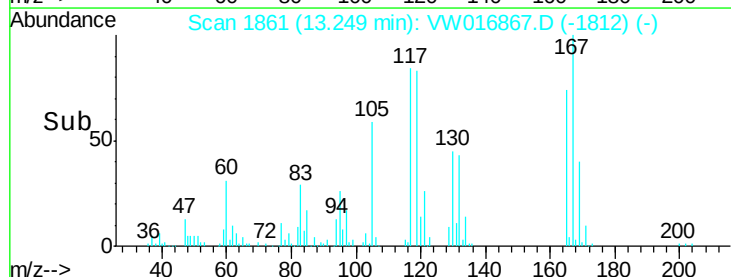
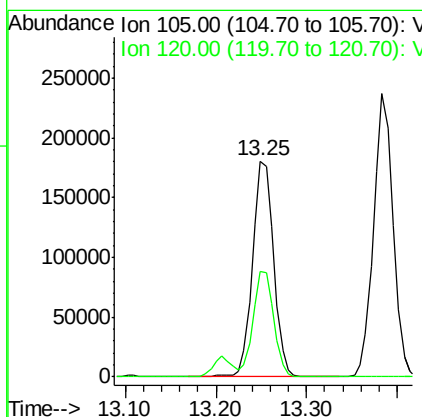
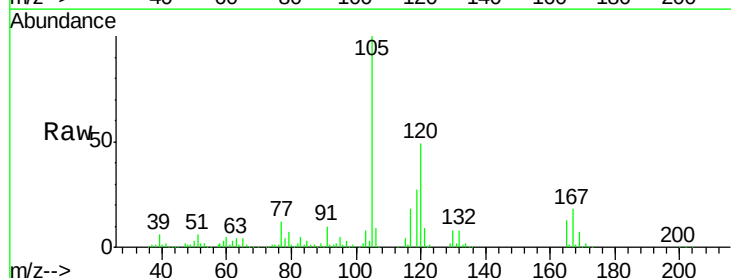
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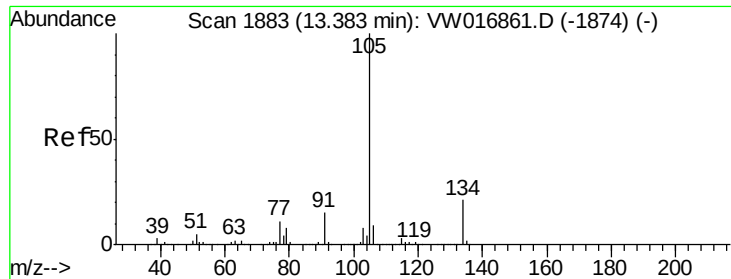
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.734 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.4	70.0





#85

sec-Butylbenzene

Concen: 20.669 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

Tot Ion:105 Resp: 352054

Ion Ratio Lower Upper

105 100

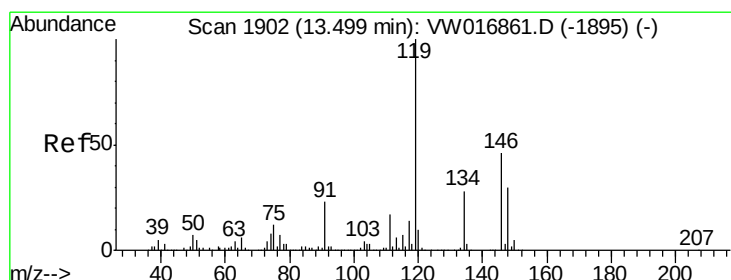
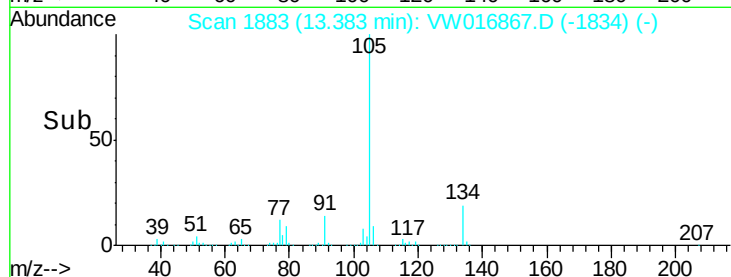
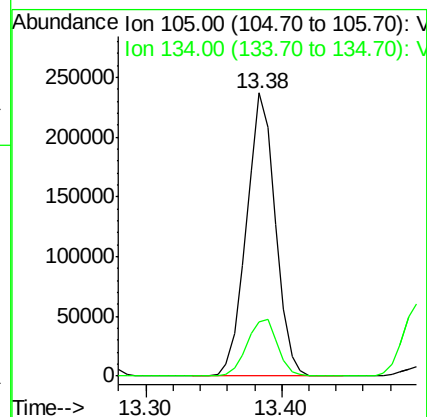
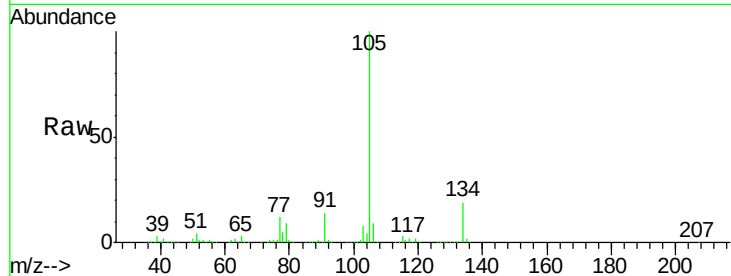
134 21.3 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 20.422 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

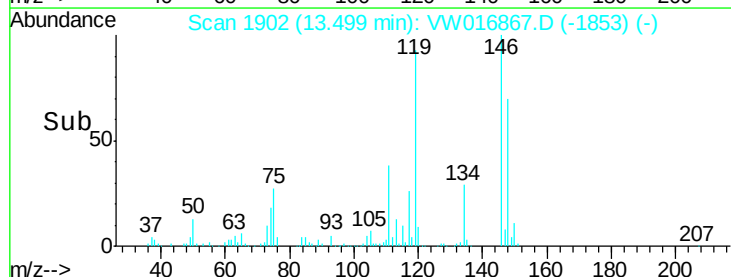
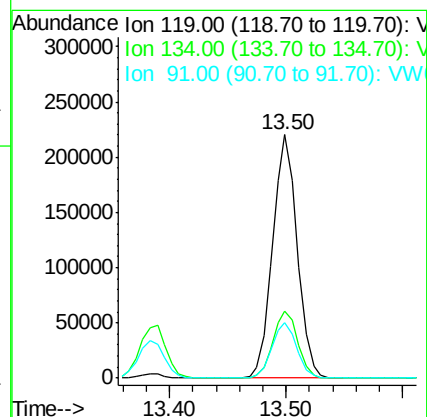
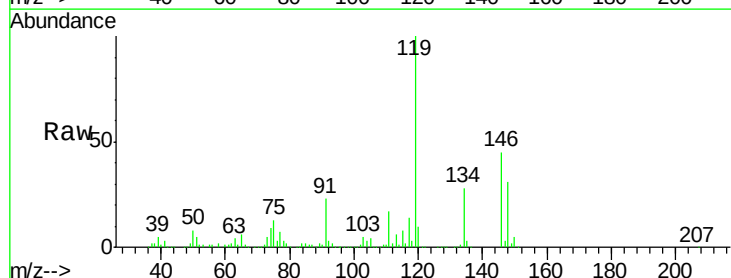
Tgt Ion:119 Resp: 323908

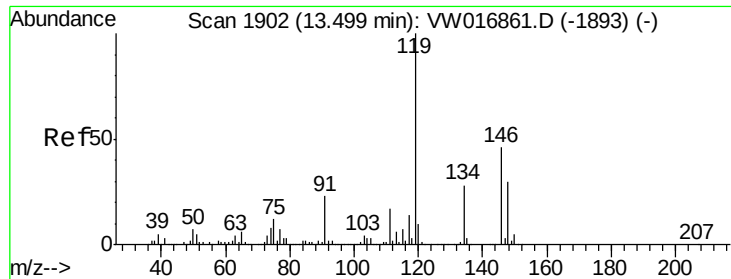
Ion Ratio Lower Upper

119 100

134 28.0 13.8 41.3

91 22.7 11.3 33.9





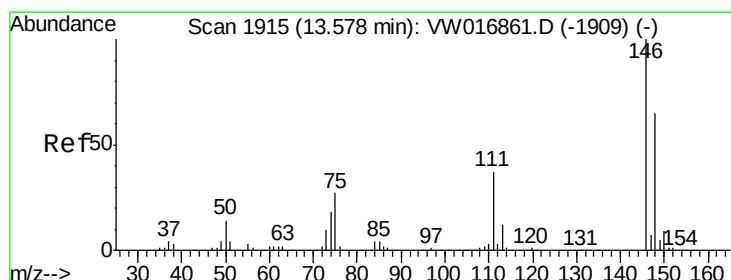
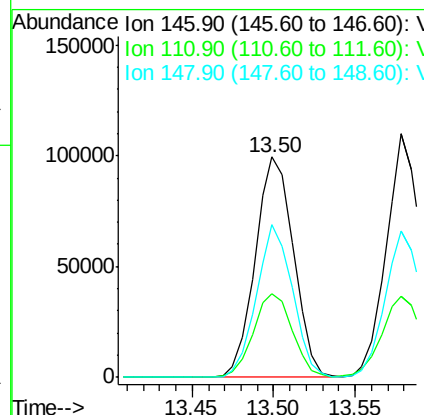
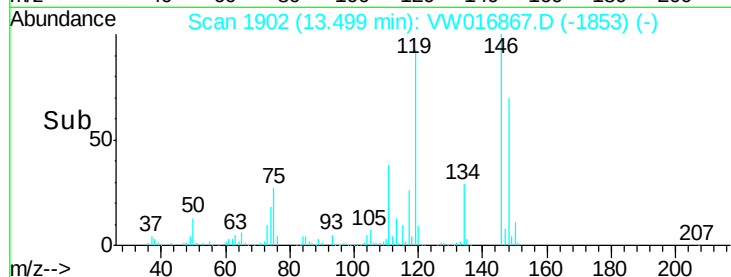
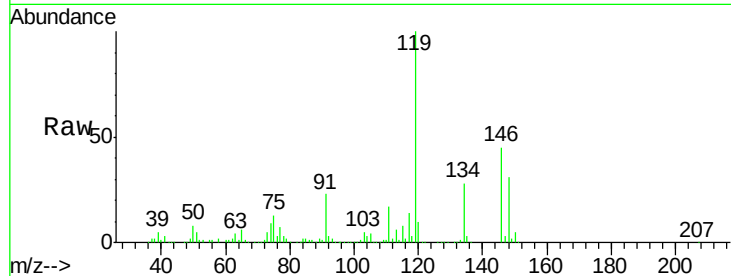
#87
 1,3-Dichlorobenzene
 Concen: 20.252 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.5
148	65.1	32.5	97.4

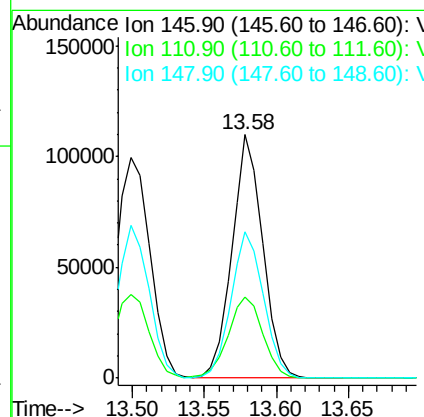
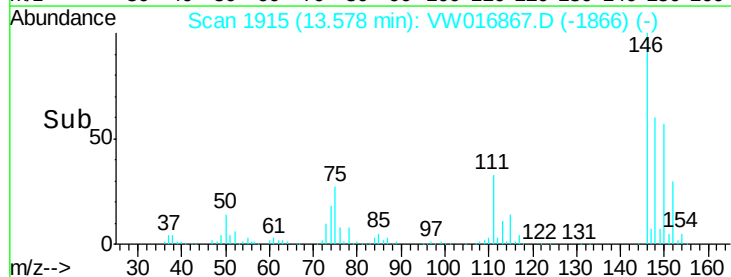
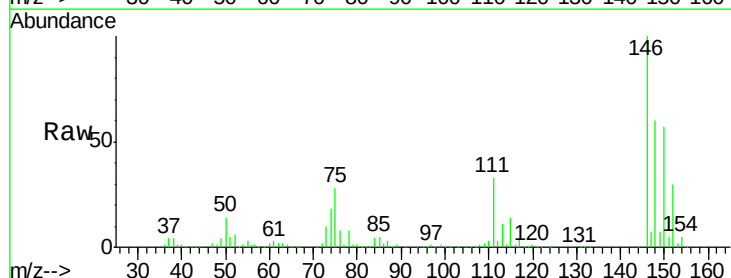
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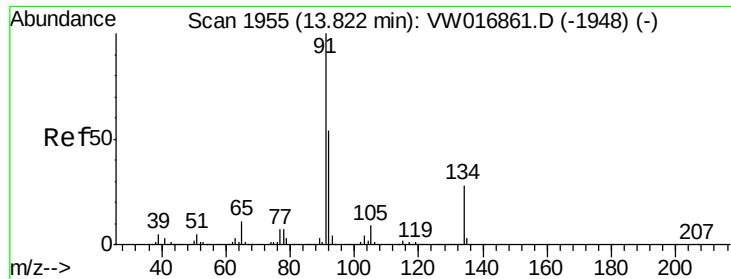
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#88
 1,4-Dichlorobenzene
 Concen: 20.773 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.5	55.5
148	63.3	31.8	95.4





#89

n-Butylbenzene

Concen: 20.248 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

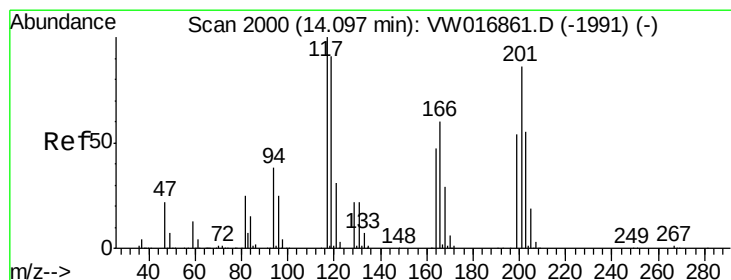
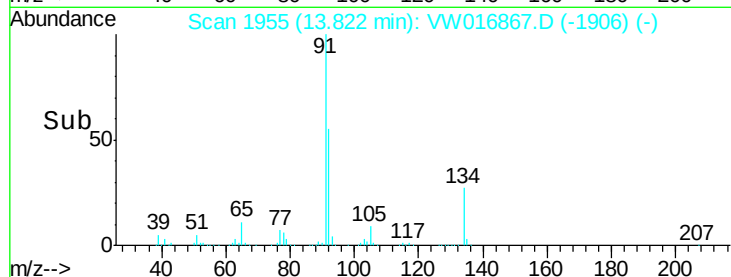
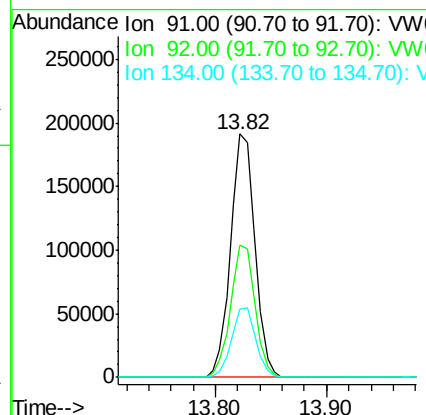
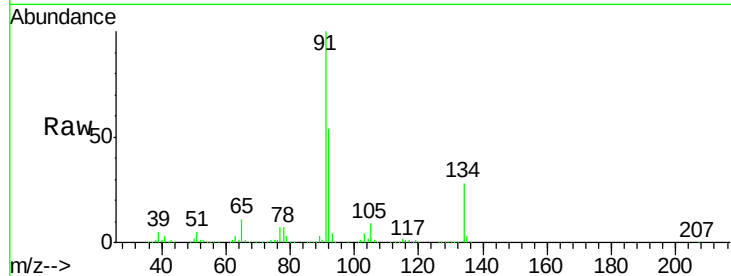
ClientSampleId :

VW1010SBSD01

Tot Ion:	91	Resp:	289322
Ion Ratio	Lower	Upper	
91	100		
92	54.6	26.6	79.7
134	28.4	14.3	42.9

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#90

Hexachloroethane

Concen: 19.949 ug/l

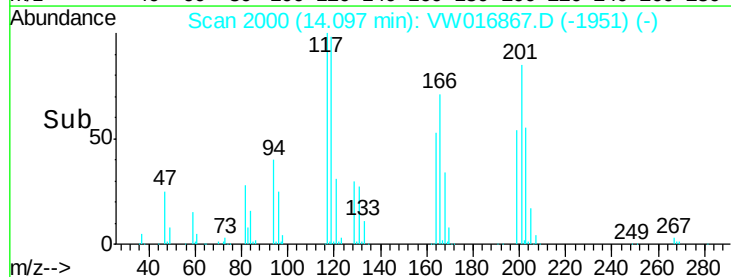
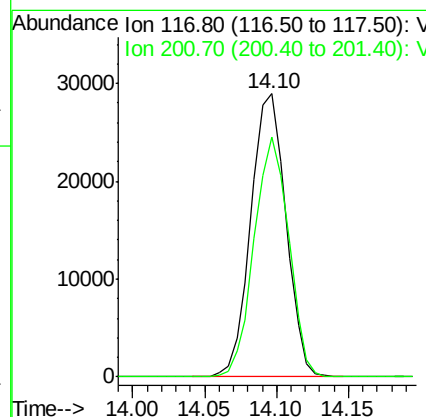
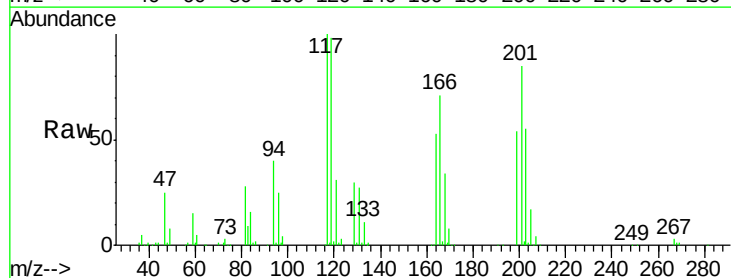
RT: 14.10 min Scan# 2000

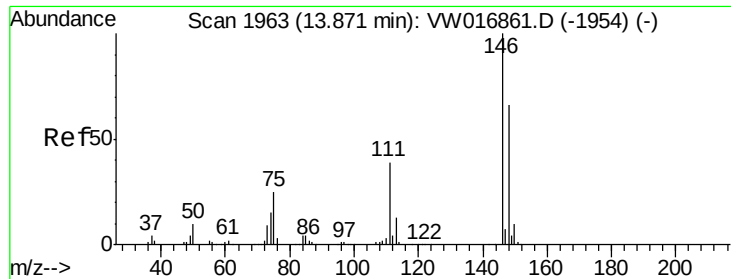
Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tgt Ion:	117	Resp:	48822
Ion Ratio	Lower	Upper	
117	100		
201	83.3	41.9	125.7





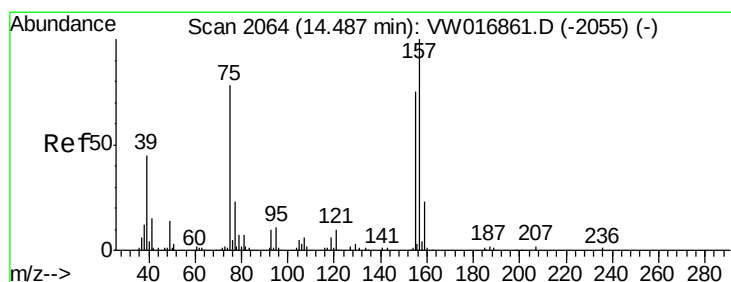
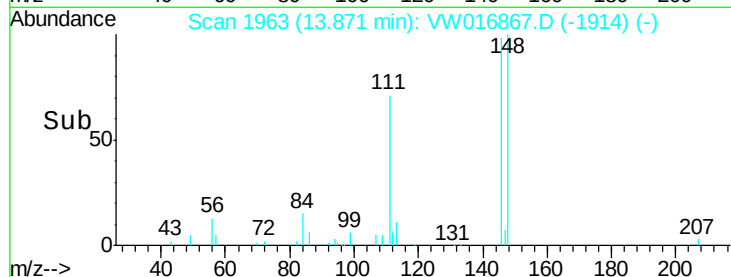
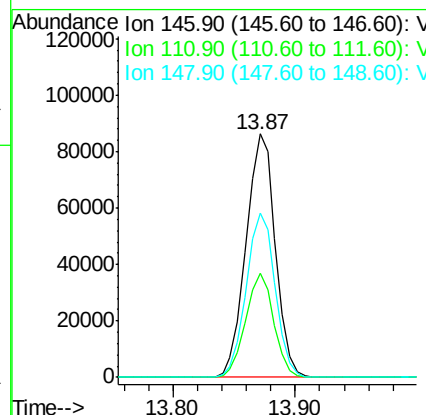
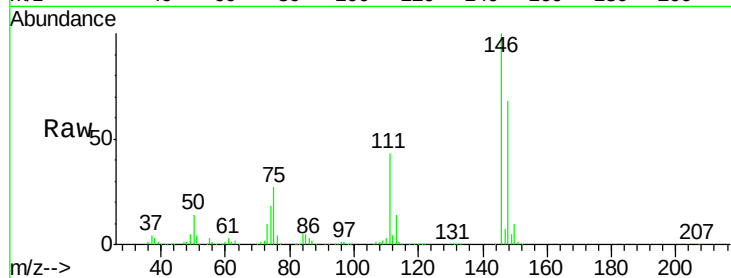
#91
 1,2-Dichlorobenzene
 Concen: 20.626 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	143019		
111	41.0		20.1	60.3
148	67.0		33.1	99.3

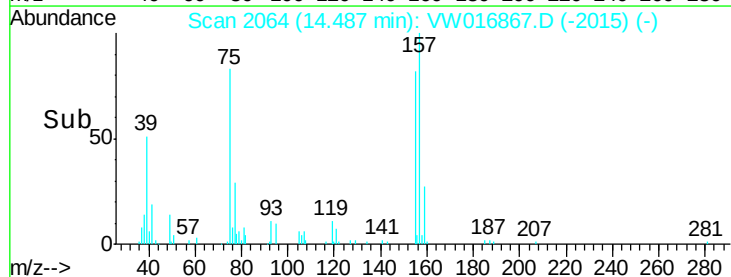
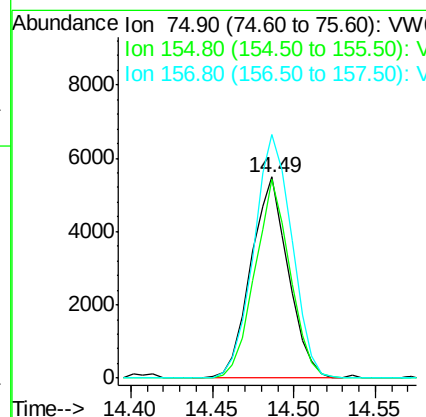
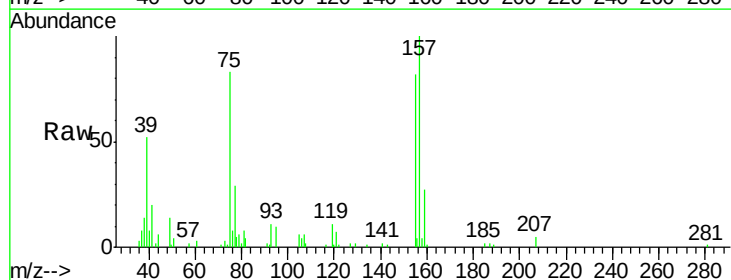
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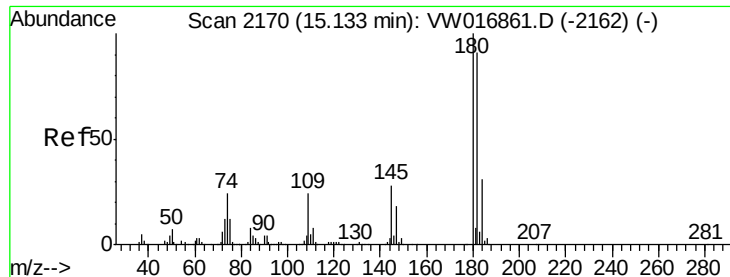
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.742 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	8783		
155	92.8		47.6	142.8
157	123.7		62.2	186.6





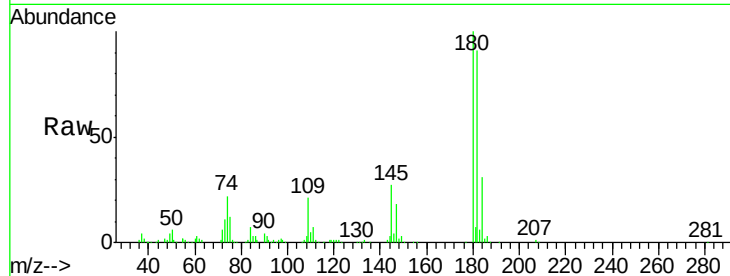
#93
 1,2,4-Trichlorobenzene
 Concen: 21.187 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

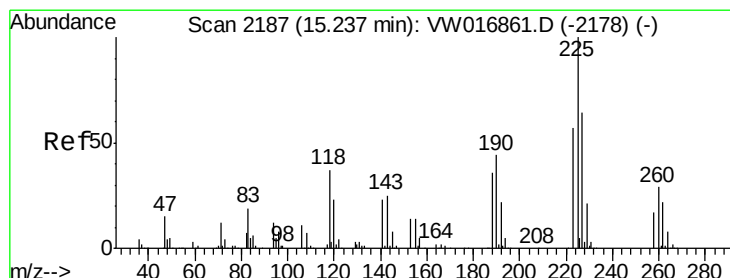
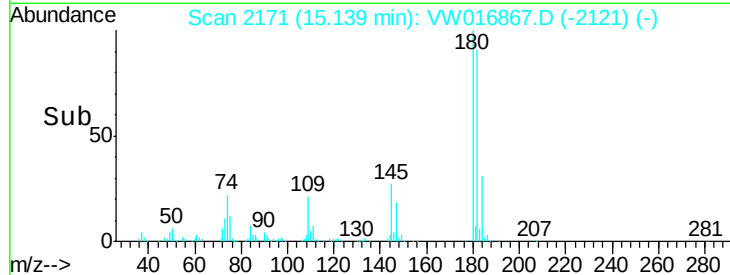
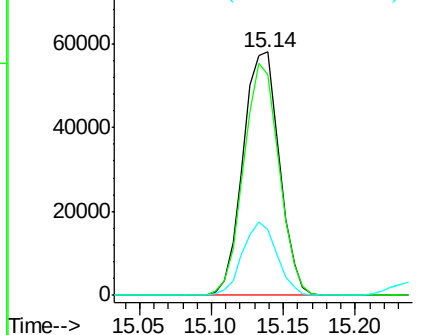
Tot Ion	Ratio	Resp	Lower	Upper
180	100	101367		
182	92.9	48.3	144.9	
145	28.7	14.9	44.5	

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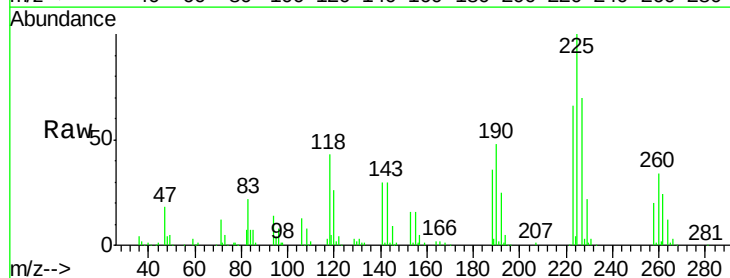


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

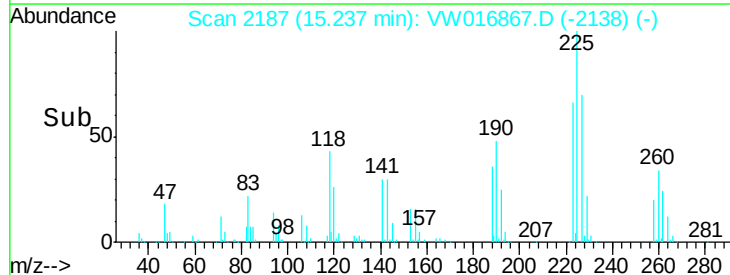
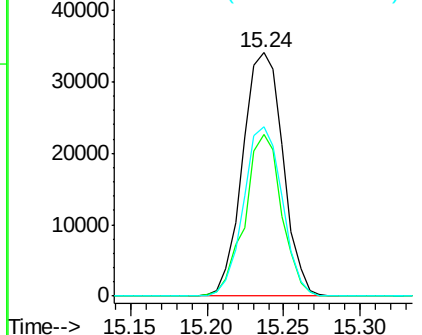


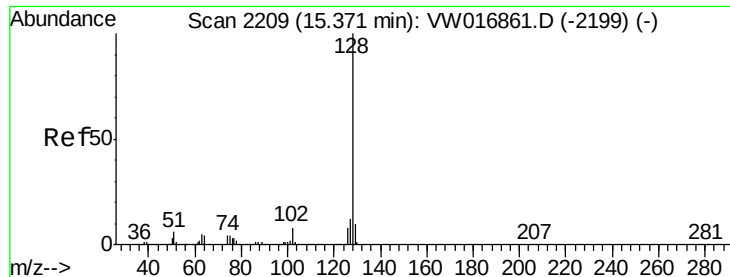
#94
 Hexachlorobutadiene
 Concen: 20.131 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62436		
223	60.6	31.9	95.7	
227	66.7	33.0	99.0	



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





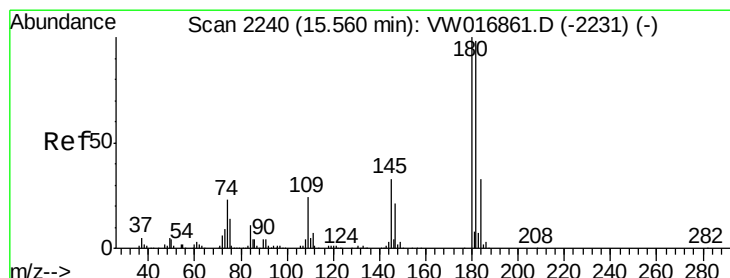
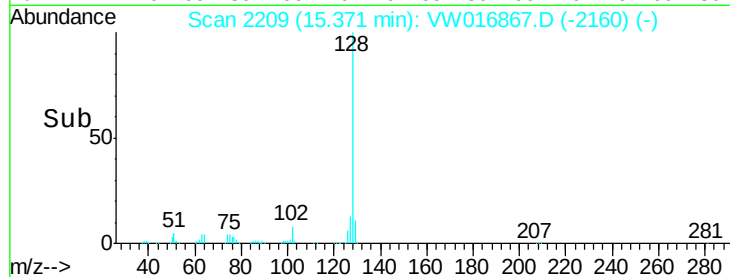
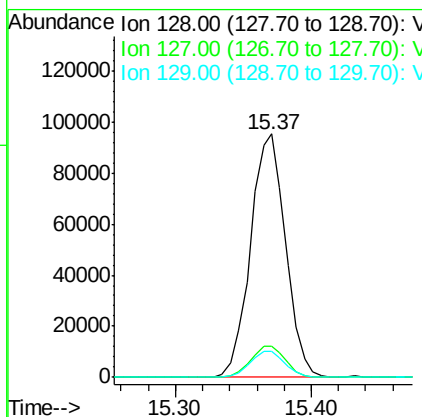
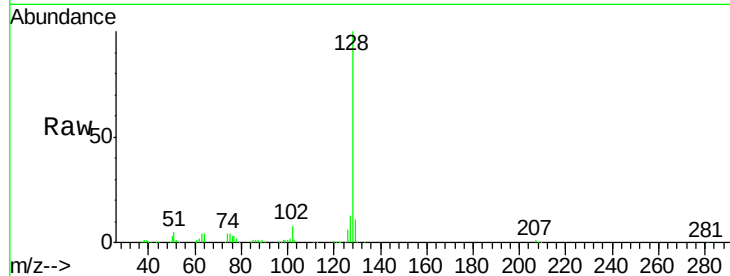
#95
Naphthalene
Concen: 22.124 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.6	12.8

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 20.508 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	49.4	148.2
145	32.1	16.3	48.9

