

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016188.D
 Acq On : 14 Aug 2020 13:18
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 5:46:33 PM

Quant Time: Aug 17 08:26:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	435204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	394861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	186415	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	130089	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	7.88	113	136001	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	10.32	98	528348	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.62	95	187029	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	99248	54.824	ug/l	95
3) Chloromethane	2.21	50	98859	51.291	ug/l	96
4) Vinyl Chloride	2.37	62	132446	49.095	ug/l	94
5) Bromomethane	2.78	94	85271	50.836	ug/l	94
6) Chloroethane	2.93	64	78325	51.411	ug/l	94
7) Trichlorofluoromethane	3.26	101	107723	49.323	ug/l	98
8) Diethyl Ether	3.68	74	71447	52.131	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	141439	49.387	ug/l	99
10) Methyl Iodide	4.26	142	203702	49.227	ug/l	100
11) Tert butyl alcohol	5.21	59	36189	261.932	ug/l	98
12) 1,1-Dichloroethene	4.03	96	145348	49.872	ug/l	97
13) Acrolein	3.89	56	49194	246.491	ug/l	99
14) Allyl chloride	4.66	41	203981	52.238	ug/l	99
15) Acrylonitrile	5.37	53	143445	277.768	ug/l	100
16) Acetone	4.14	43	140804	283.130	ug/l	96
17) Carbon Disulfide	4.37	76	425735	49.751	ug/l	99
18) Methyl Acetate	4.68	43	59841	51.673	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	197509	55.038	ug/l	99
20) Methylene Chloride	4.91	84	165808	54.076	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	158625	49.981	ug/l	96
22) Diisopropyl ether	6.31	45	386028	52.439	ug/l	98
23) Vinyl Acetate	6.26	43	1192928	283.007	ug/l	100
24) 1,1-Dichloroethane	6.21	63	252773	49.197	ug/l	99
25) 2-Butanone	7.18	43	184589	276.958	ug/l	95
26) 2,2-Dichloropropane	7.17	77	158171	47.658	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	166316	50.770	ug/l	99
28) Bromochloromethane	7.51	49	99390	50.987	ug/l	99
29) Tetrahydrofuran	7.54	42	113938	285.987	ug/l	99
30) Chloroform	7.68	83	260280	48.756	ug/l	97
31) Cyclohexane	7.96	56	228594	48.251	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	221086	49.294	ug/l	100
36) 1,1-Dichloropropene	8.08	75	214063	49.929	ug/l	100
37) Ethyl Acetate	7.26	43	81955	55.753	ug/l	99
38) Carbon Tetrachloride	8.07	117	209027	48.855	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	274588	53.170	ug/l	97
40) Benzene	8.32	78	600546	49.792	ug/l	100
41) Methacrylonitrile	7.49	41	47419	56.523	ug/l	98
42) 1,2-Dichloroethane	8.40	62	161529	50.708	ug/l	100
43) Isopropyl Acetate	8.43	43	154982	56.041	ug/l	99
44) Trichloroethene	9.09	130	161513	47.282	ug/l	98
45) 1,2-Dichloropropane	9.37	63	141141	49.643	ug/l	99
46) Dibromomethane	9.46	93	78300	52.457	ug/l	99
47) Bromodichloromethane	9.65	83	195277	50.636	ug/l	99
48) Methyl methacrylate	9.43	41	77805	60.519	ug/l	96
49) 1,4-Dioxane	9.46	88	20625	1097.333	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	397911	284.486	ug/l	100
52) Toluene	10.39	92	392120	50.771	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	194451	54.456	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	233197	52.546	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	109373	51.067	ug/l	99
56) Ethyl methacrylate	10.65	69	140469	57.512	ug/l	99
57) 1,3-Dichloropropane	10.93	76	187188	51.369	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	313248	281.298	ug/l	100
59) 2-Hexanone	10.97	43	281194	293.871	ug/l	100
60) Dibromochloromethane	11.13	129	133086	52.235	ug/l	100
61) 1,2-Dibromoethane	11.24	107	107709	52.242	ug/l	99
64) Tetrachloroethene	10.86	164	128664	49.660	ug/l	91
65) Chlorobenzene	11.66	112	408204	50.438	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	140868	49.796	ug/l	99
67) Ethyl Benzene	11.73	91	743818	51.138	ug/l	100
68) m/p-Xylenes	11.84	106	567241	101.461	ug/l	99
69) o-Xylene	12.17	106	262536	52.709	ug/l	99
70) Styrene	12.18	104	457135	53.039	ug/l	100
71) Bromoform	12.35	173	70705	55.847	ug/l #	99
73) Isopropylbenzene	12.46	105	736021	51.813	ug/l	99
74) N-amyl acetate	12.27	43	145329	57.127	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	123232	51.844	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	84067m	49.036	ug/l	
77) Bromobenzene	12.75	156	159852	50.876	ug/l	98
78) n-propylbenzene	12.80	91	858425	50.627	ug/l	99
79) 2-Chlorotoluene	12.89	91	492584	50.290	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	617044	50.601	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38776	54.252	ug/l	97
82) 4-Chlorotoluene	12.99	91	507868	49.806	ug/l	100
83) tert-Butylbenzene	13.21	119	522839	52.316	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	618511	51.257	ug/l	99
85) sec-Butylbenzene	13.38	105	739402	50.904	ug/l	99
86) p-Isopropyltoluene	13.50	119	682107	51.920	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	307232	48.826	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	310251	50.072	ug/l	98
89) n-Butylbenzene	13.82	91	648364	53.346	ug/l	99
90) Hexachloroethane	14.09	117	121388	49.510	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	284172	51.800	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19899	54.459	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	187125	57.200	ug/l	97
94) Hexachlorobutadiene	15.24	225	103884	53.411	ug/l	95
95) Naphthalene	15.37	128	360647	52.394	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	160383	57.087	ug/l	99

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

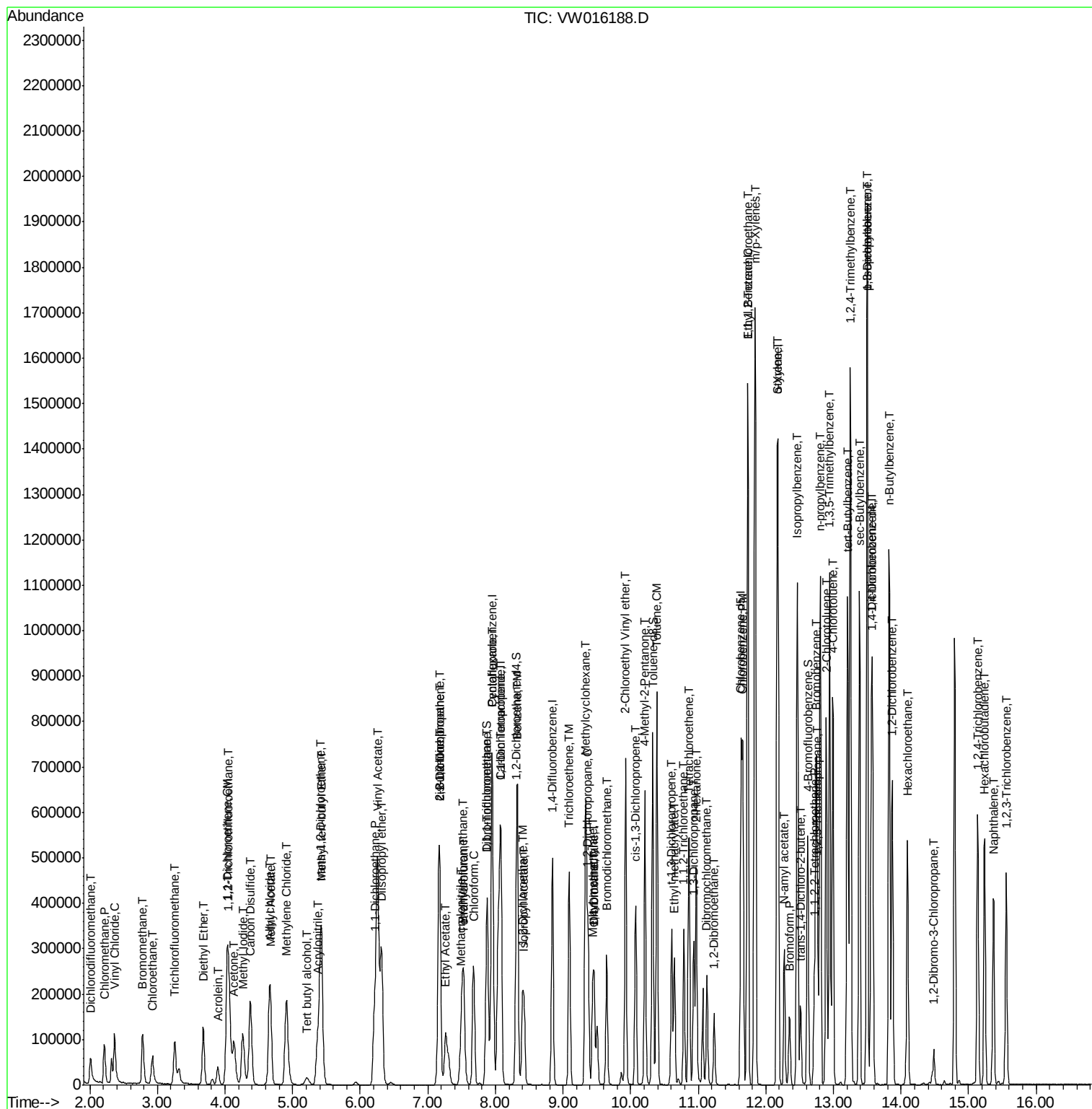
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081420\
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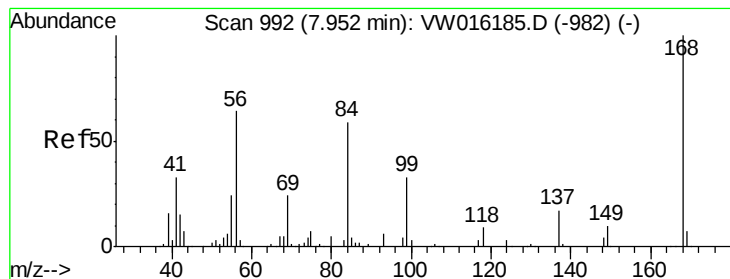
Instrument :
 MSVOA_W
 Client Sampled :
 ICVVW081420

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

Tot Ion:168 Resp: 266202

Ion Ratio Lower Upper

168 100

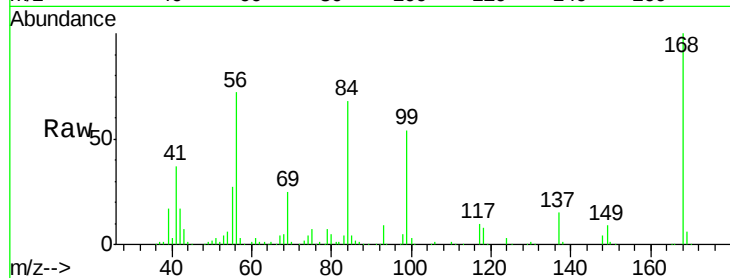
99 54.4 48.3 72.5

Manual Integrations

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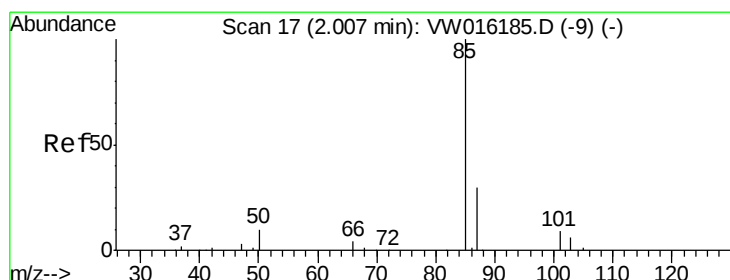
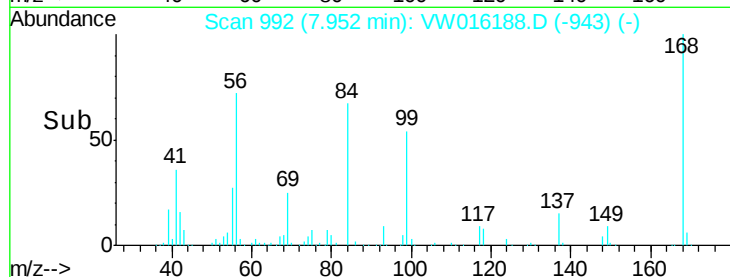
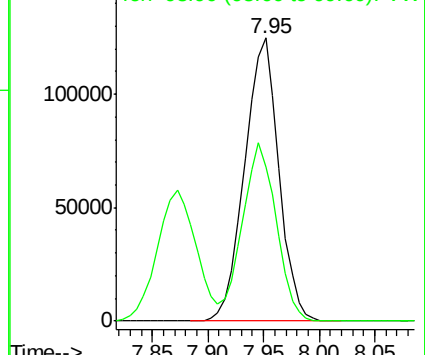
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 54.824 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016188.D

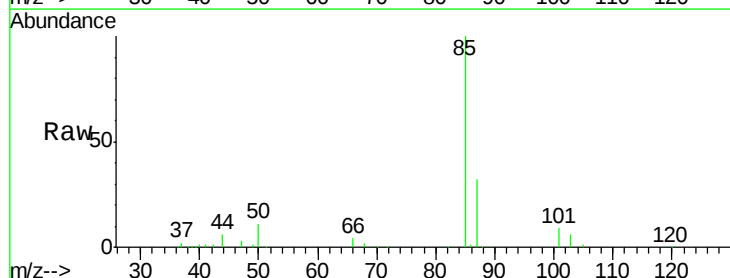
Acq: 14 Aug 2020 13:18

Tgt Ion: 85 Resp: 99248

Ion Ratio Lower Upper

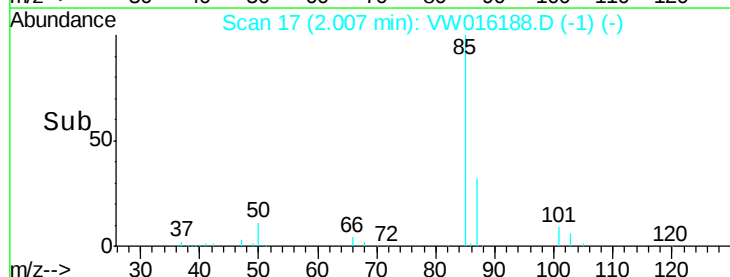
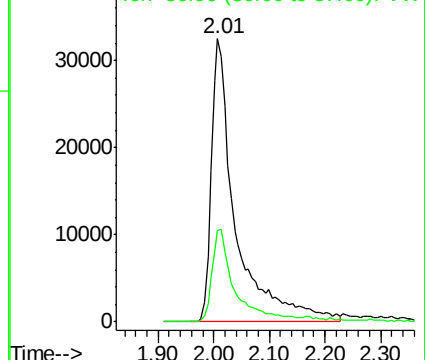
85 100

87 32.2 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 51.291 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

Tot Ion: 50 Resp: 98859

Ion Ratio Lower Upper

50 100

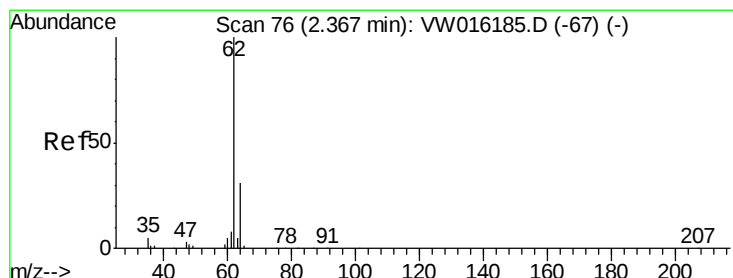
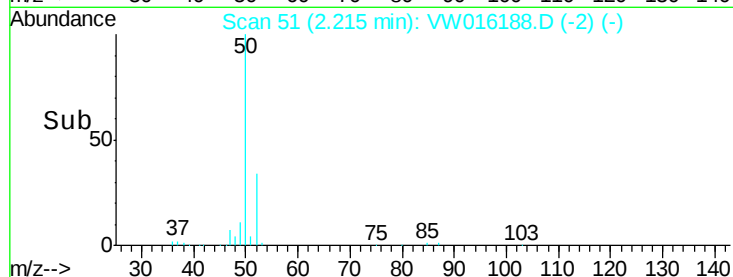
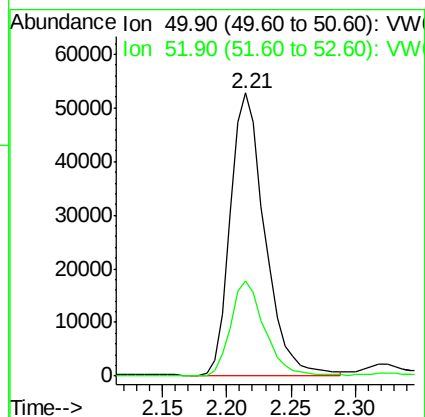
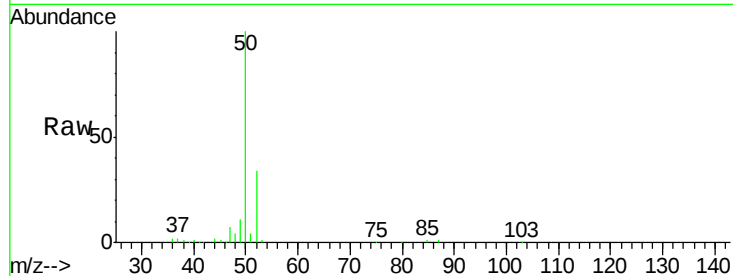
52 33.6 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.095 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016188.D

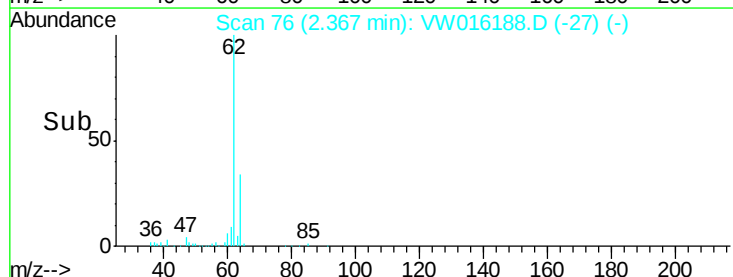
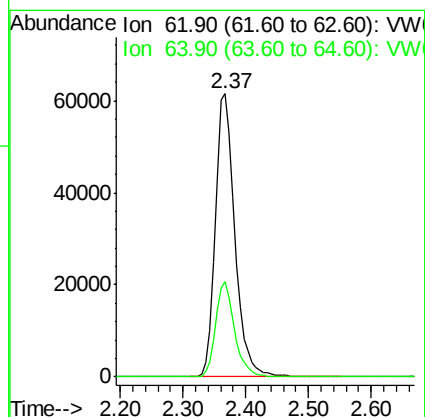
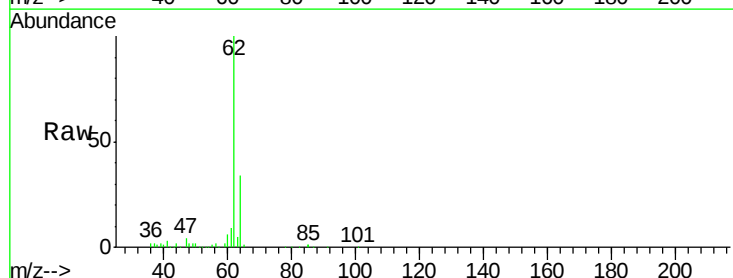
Acq: 14 Aug 2020 13:18

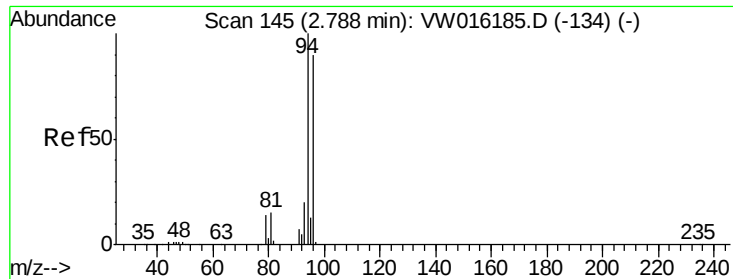
Tgt Ion: 62 Resp: 132446

Ion Ratio Lower Upper

62 100

64 33.9 24.5 36.7





#5

Bromomethane

Concen: 50.836 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

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Tot Ion: 94 Resp: 85271

Ion Ratio Lower Upper

94 100

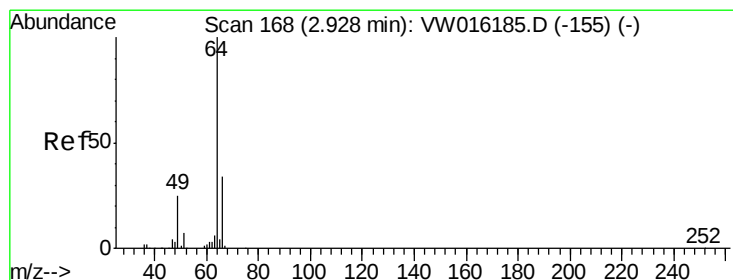
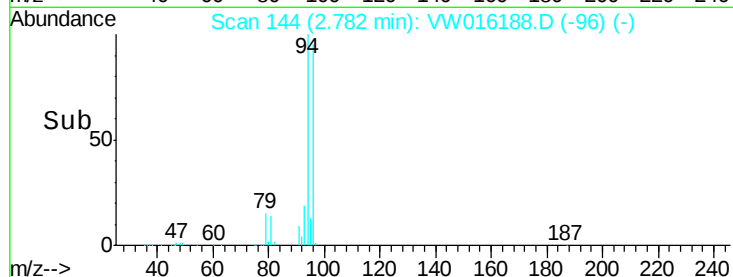
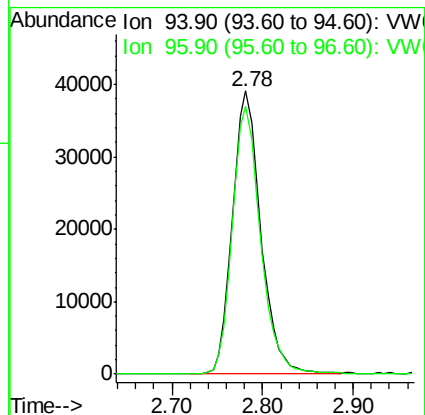
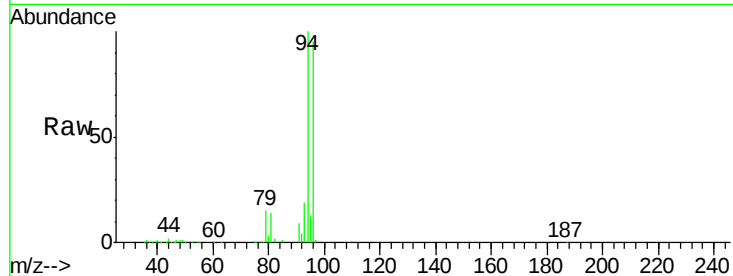
96 94.9 71.8 107.6

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#6

Chloroethane

Concen: 51.411 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016188.D

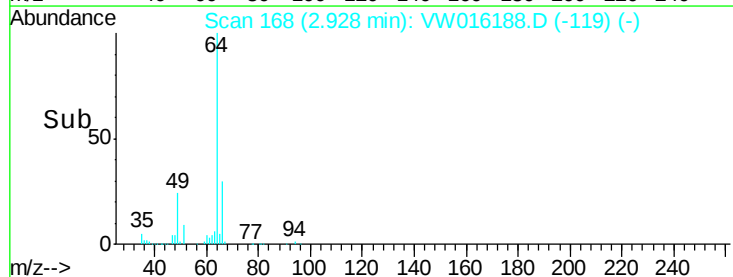
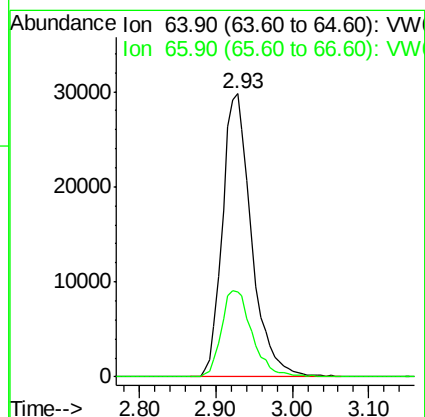
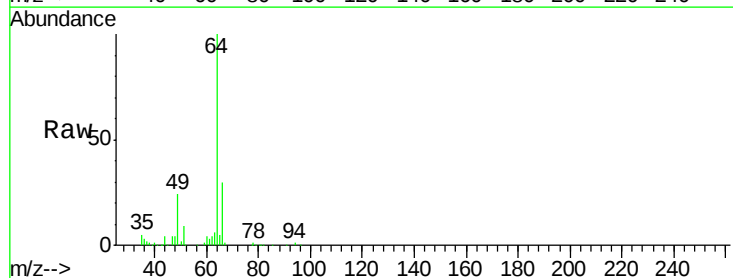
Acq: 14 Aug 2020 13:18

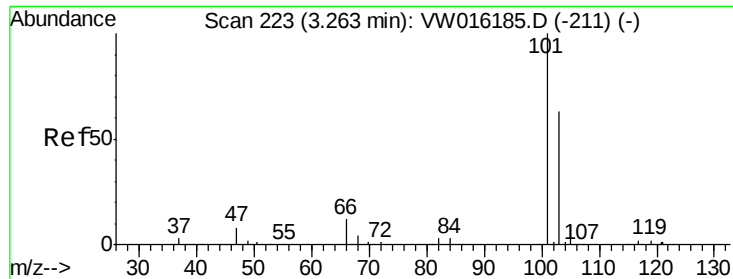
Tgt Ion: 64 Resp: 78325

Ion Ratio Lower Upper

64 100

66 30.2 26.9 40.3





#7

Trichlorofluoromethane

Concen: 49.323 ug/l

RT: 3.26 min Scan# 222

Delta R.T. -0.01 min

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Acq: 14 Aug 2020 13:18

Instrument :

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Tot Ion:101 Resp: 107723

Ion Ratio Lower Upper

101 100

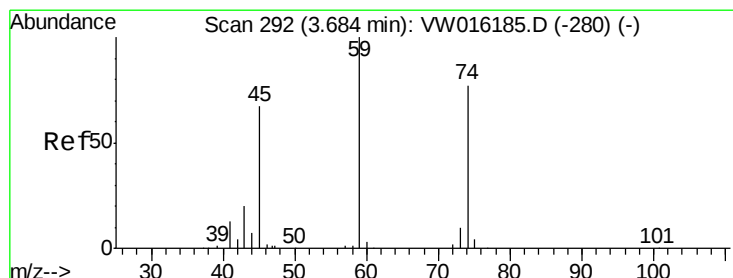
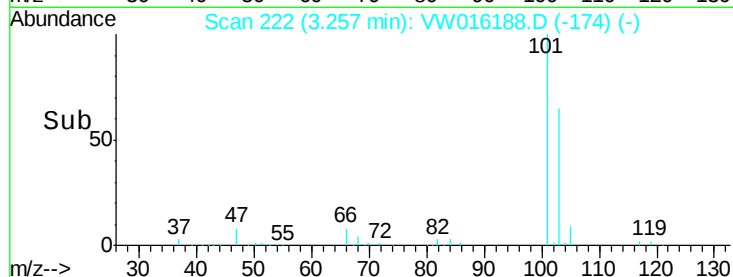
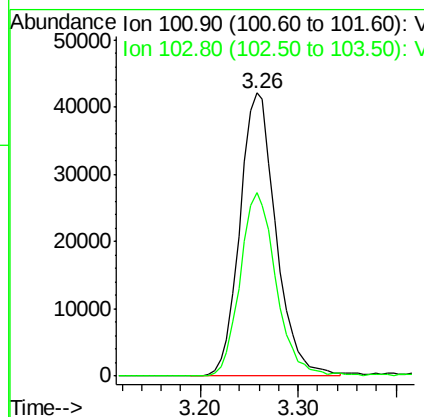
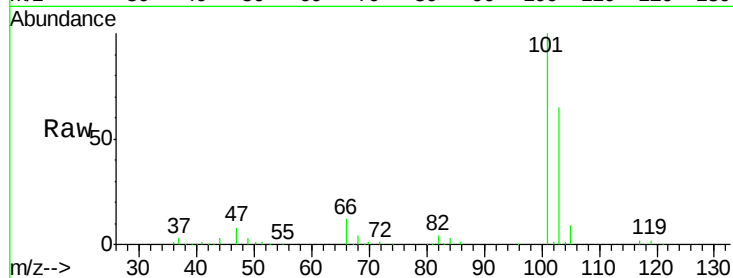
103 64.9 50.4 75.6

Manual Integrations

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#8

Diethyl Ether

Concen: 52.131 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW016188.D

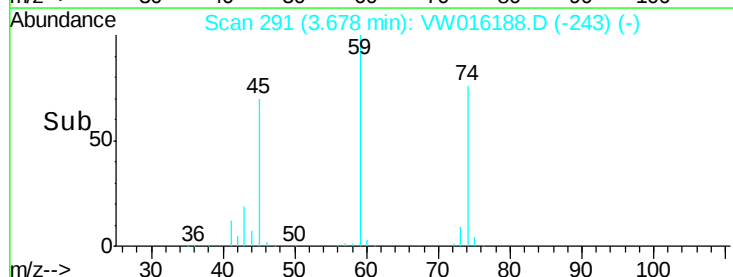
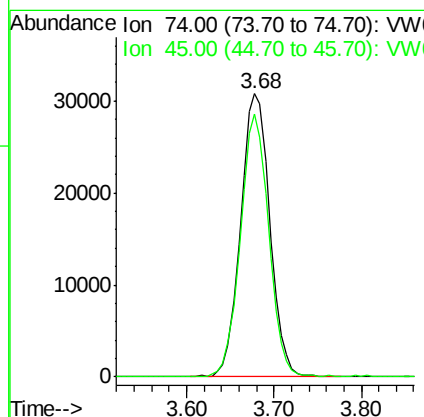
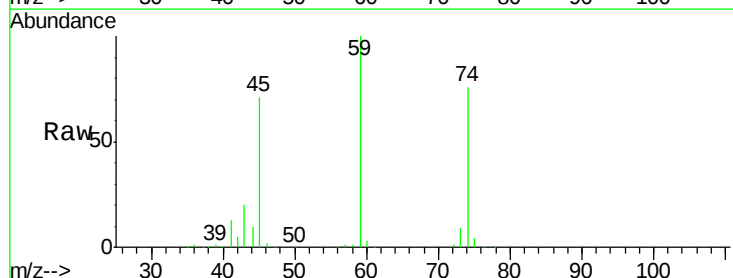
Acq: 14 Aug 2020 13:18

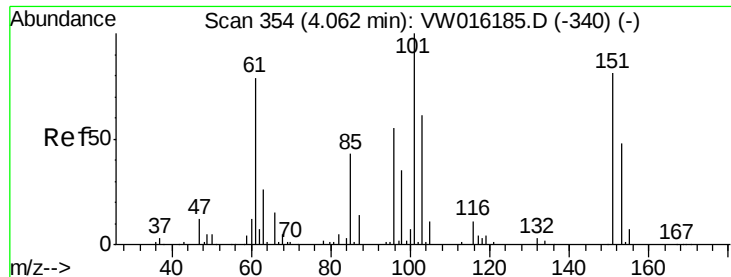
Tgt Ion: 74 Resp: 71447

Ion Ratio Lower Upper

74 100

45 90.3 45.9 137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.387 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

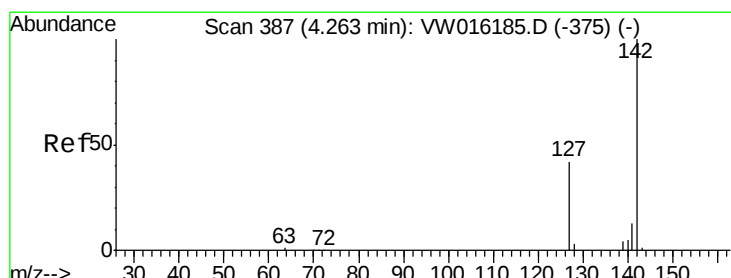
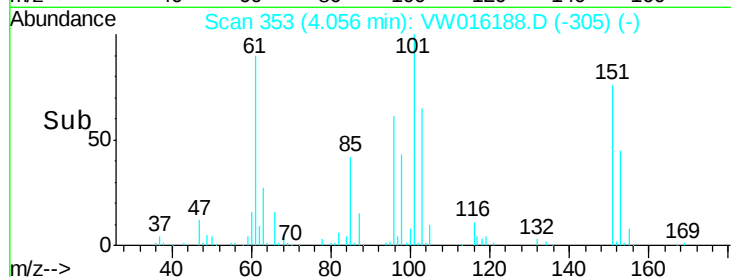
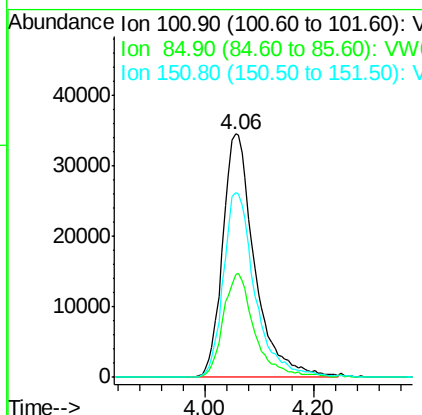
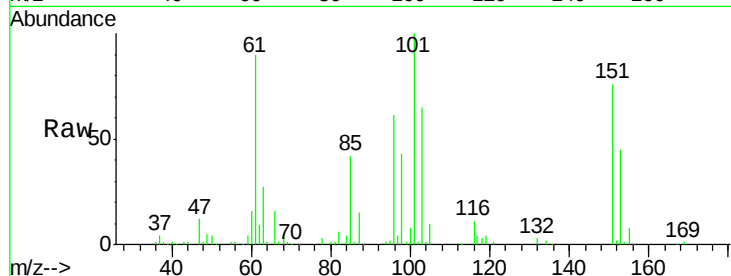
ClientSampleId :

ICVW081420

Tot Ion:	101	Resp:	141439
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.3	49.9
151	75.5	61.1	91.7

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#10

Methyl Iodide

Concen: 49.227 ug/l

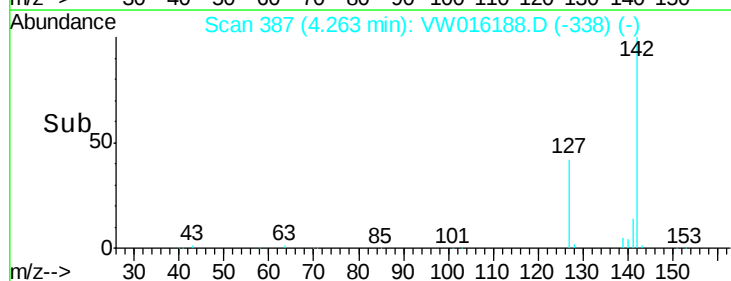
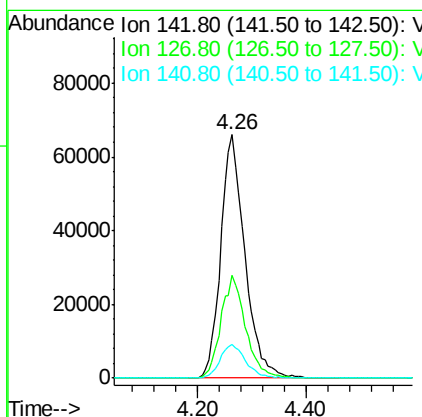
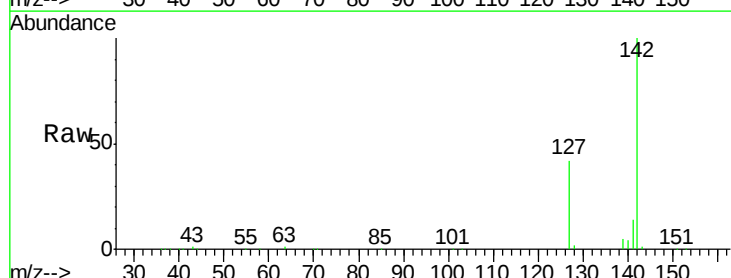
RT: 4.26 min Scan# 387

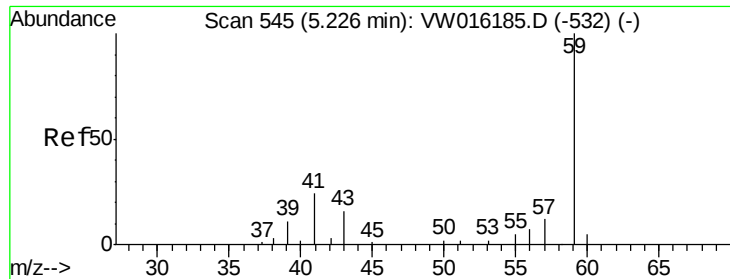
Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Tgt Ion:	142	Resp:	203702
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.6	52.0
141	14.7	11.4	17.2





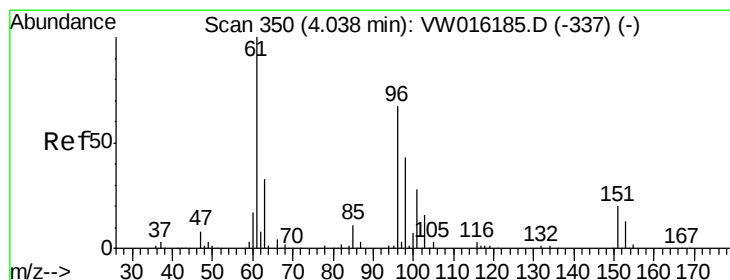
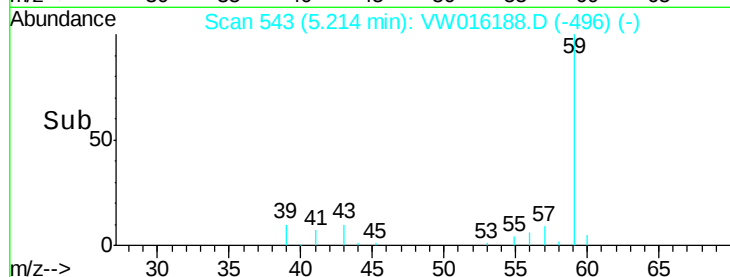
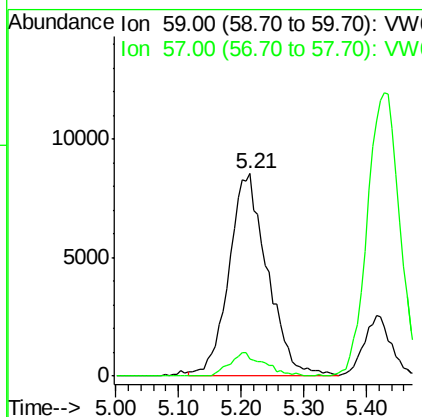
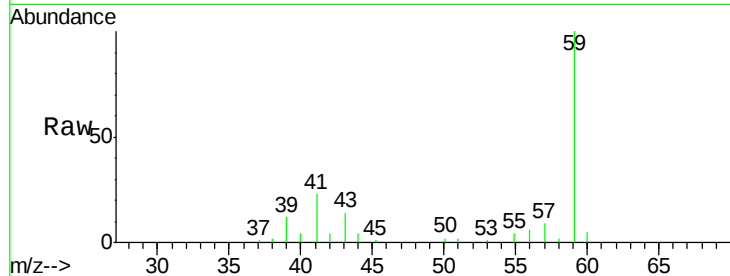
#11
Tert butyl alcohol
Concen: 261.932 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampled :
ICVW081420

Tot Ion	Ratio	Resp	Lower	Upper
59	100	36189		
57	10.4		9.0	13.6

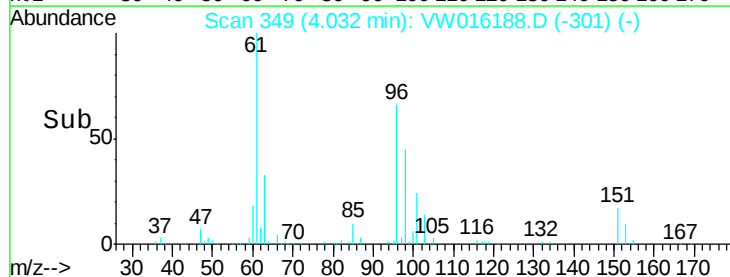
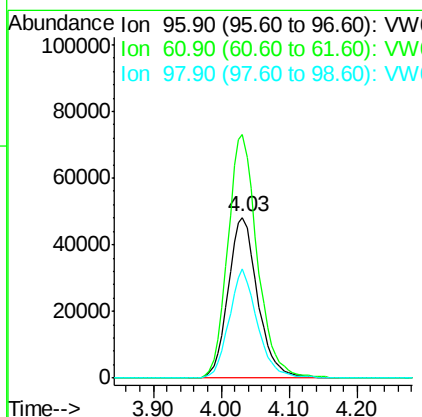
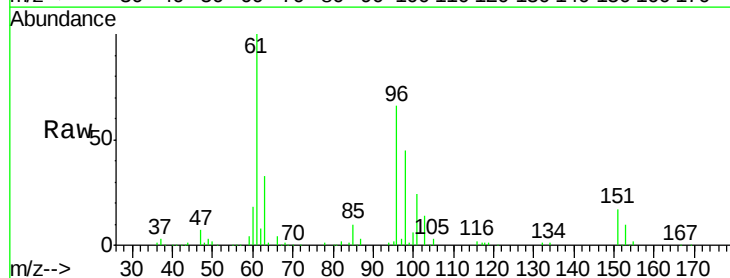
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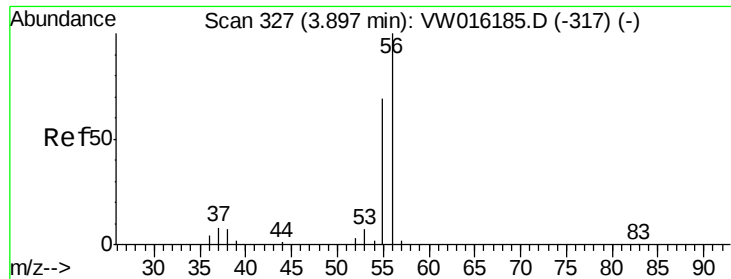
MMDadoda
8/17/2020 5:46:33 PM



#12
1,1-Dichloroethene
Concen: 49.872 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	145348		
61	151.4		119.5	179.3
98	68.3		51.3	76.9





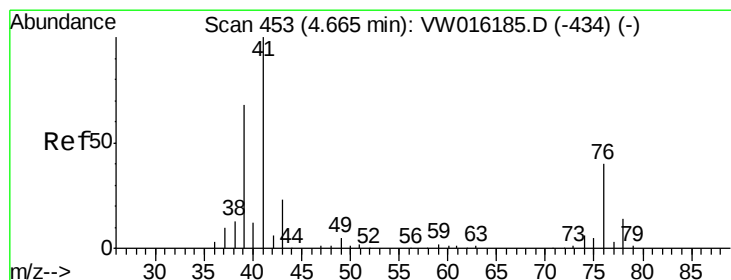
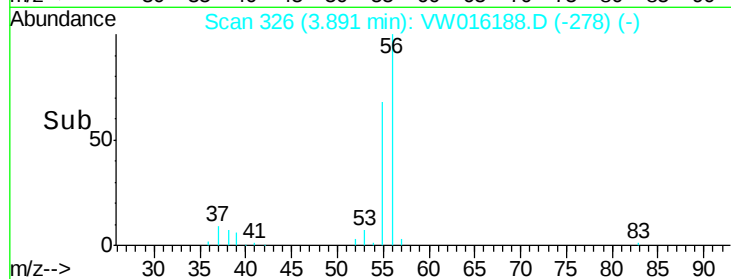
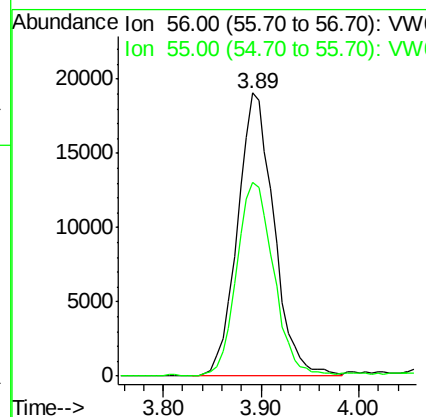
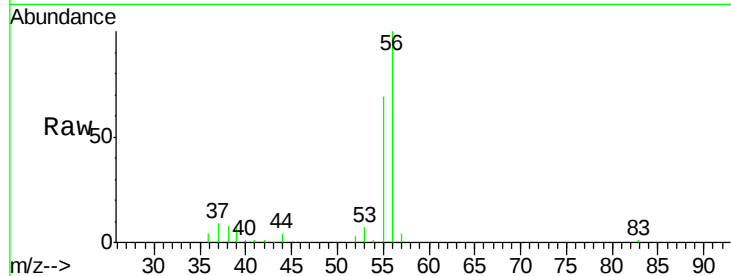
#13
Acrolein
Concen: 246.491 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	69.5	55.0	82.6

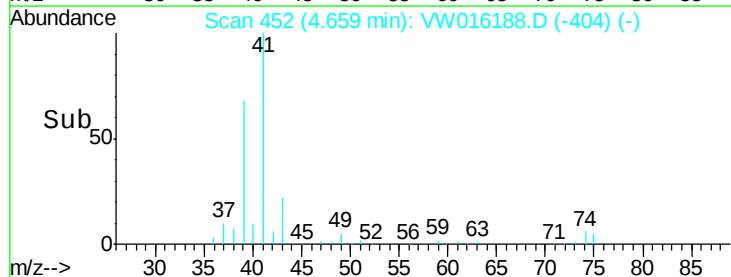
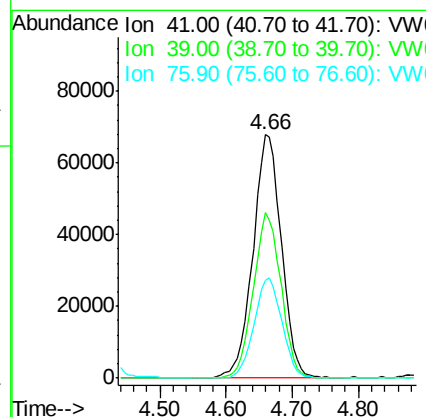
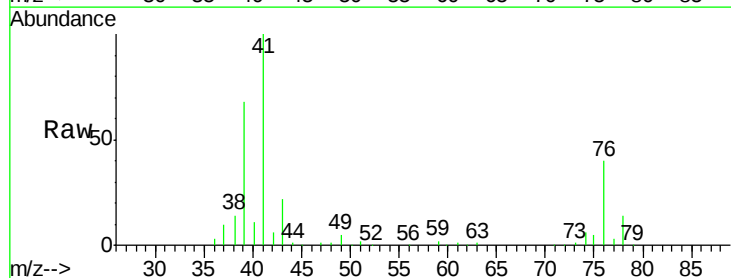
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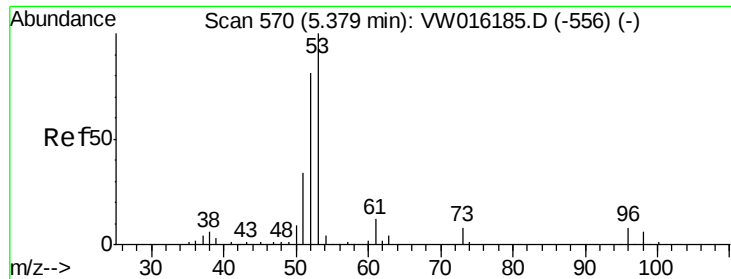
MMDadoda
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#14
Allyl chloride
Concen: 52.238 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	65.9	53.4	80.0
76	76	40.1	32.0	48.0





#15

Acrylonitrile

Concen: 277.768 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

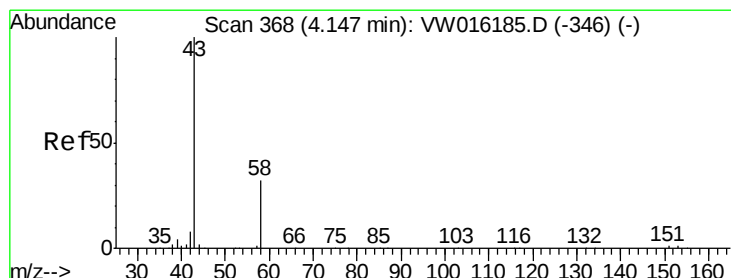
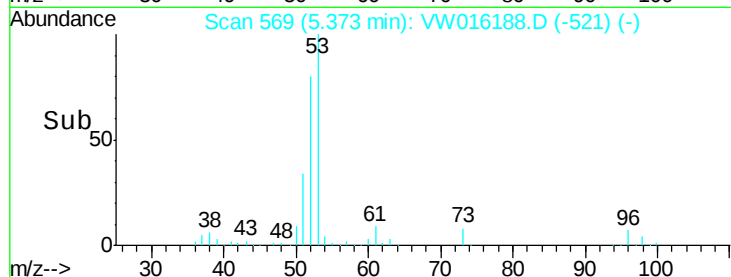
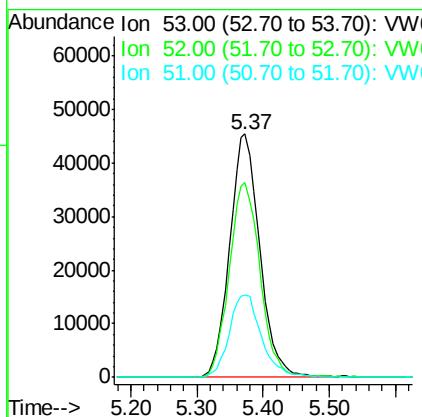
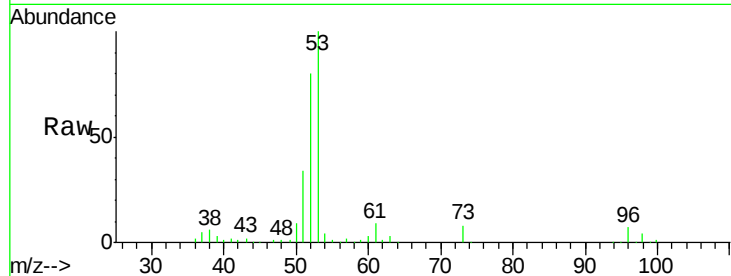
ClientSampleId :

ICVW081420

Tot Ion:	53	Resp:	143445
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.3	97.9
51	36.0	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 283.130 ug/l

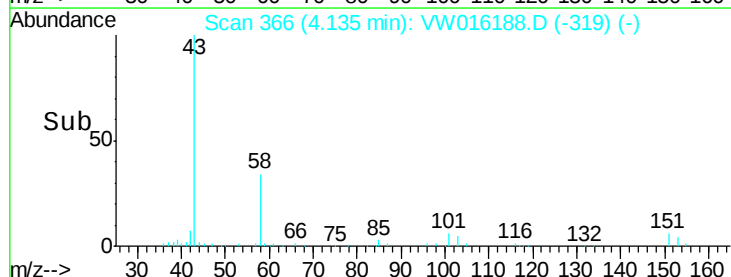
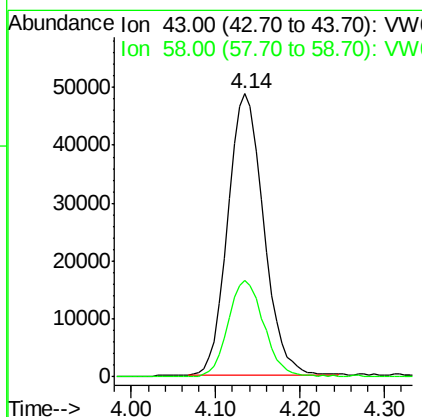
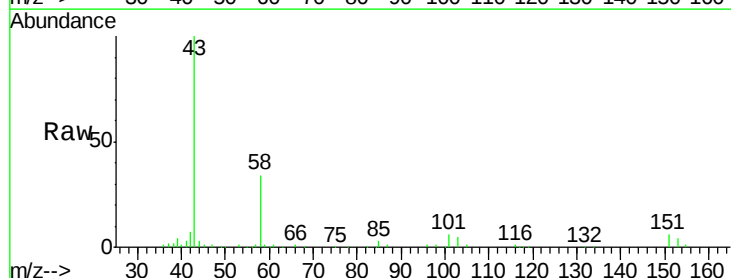
RT: 4.14 min Scan# 366

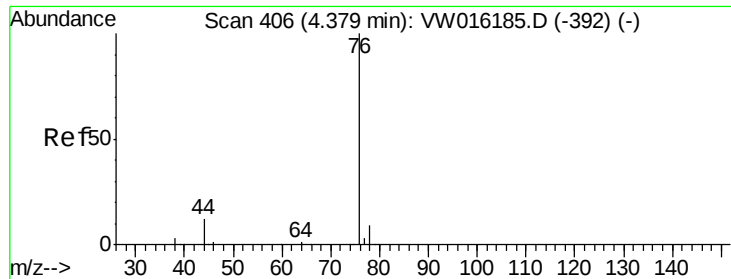
Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Tgt Ion:	43	Resp:	140804
Ion	Ratio	Lower	Upper
43	100		
58	34.2	25.8	38.6





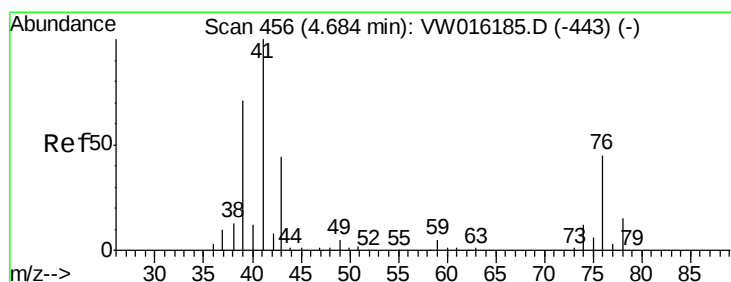
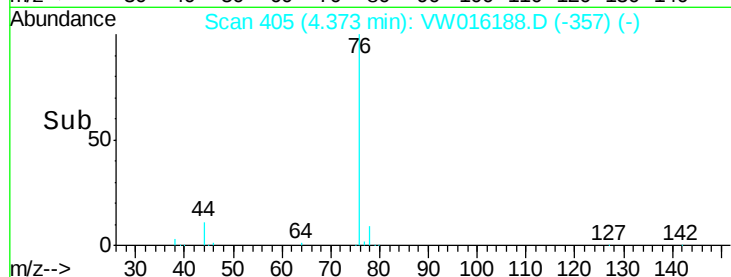
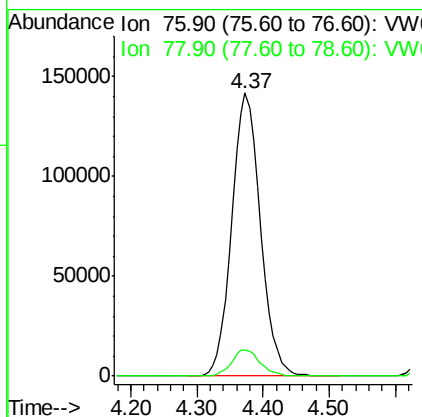
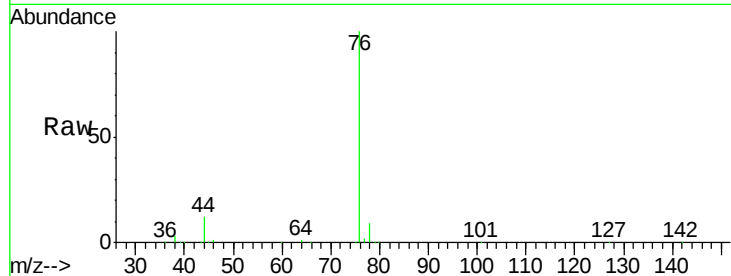
#17
Carbon Disulfide
Concen: 49.751 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

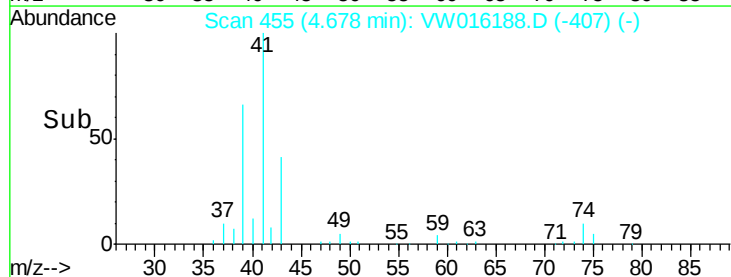
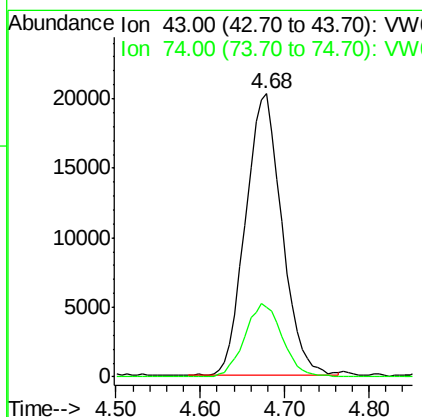
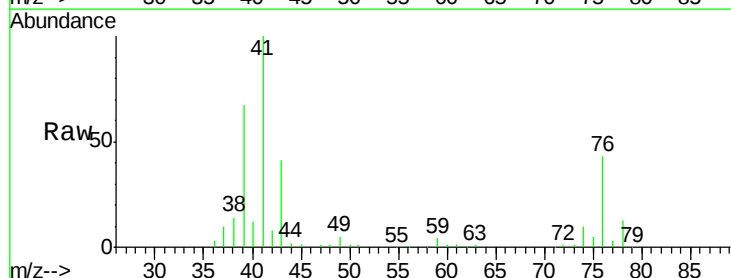
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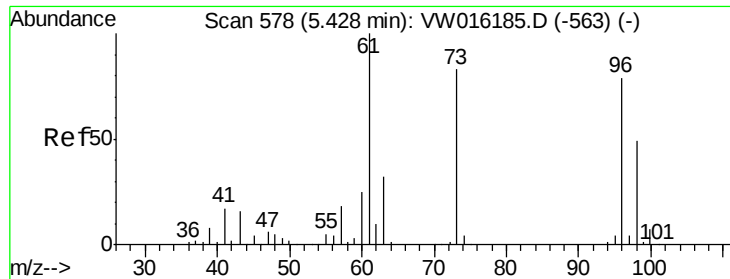
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#18
Methyl Acetate
Concen: 51.673 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	20.6	31.0





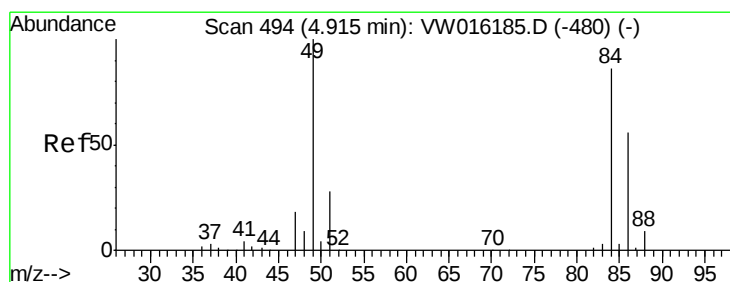
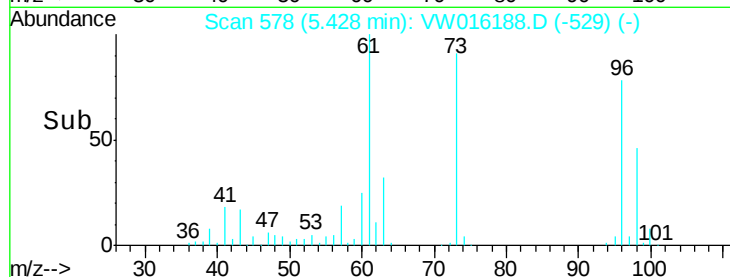
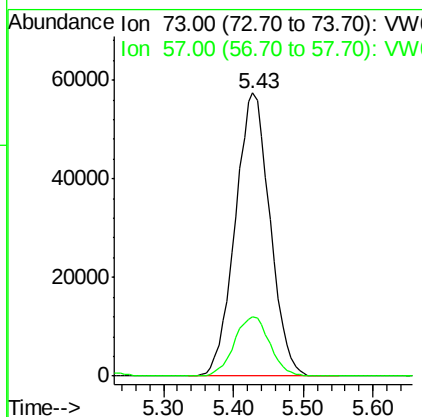
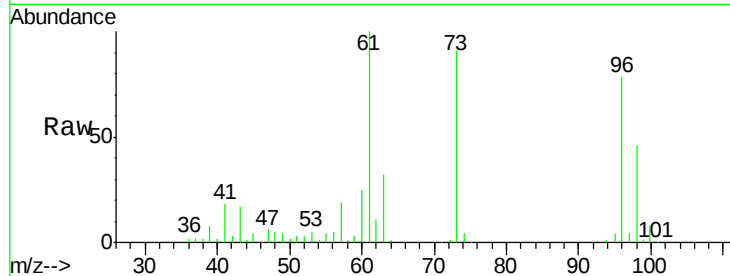
#19
Methvl tert-butvl Ether
Concen: 55.038 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion: 73 Resp: 197509
Ion Ratio Lower Upper
73 100
57 20.8 17.2 25.8

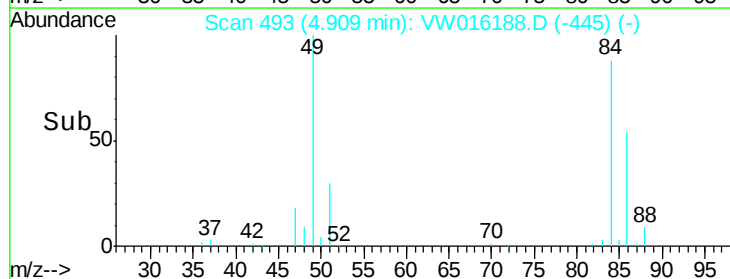
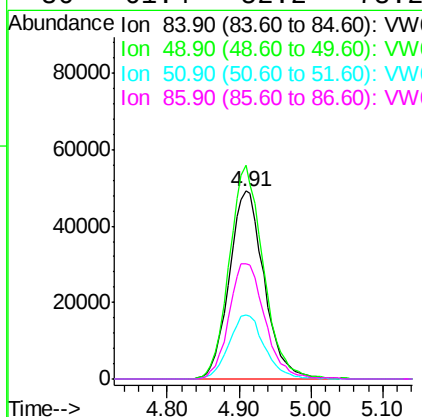
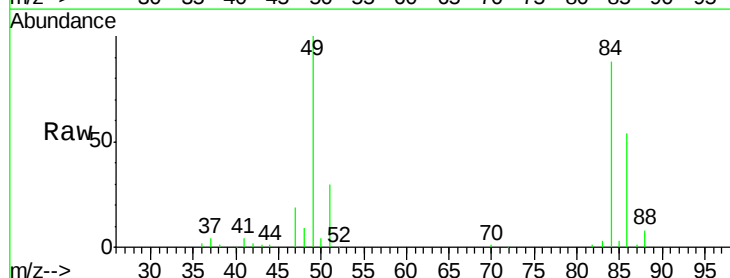
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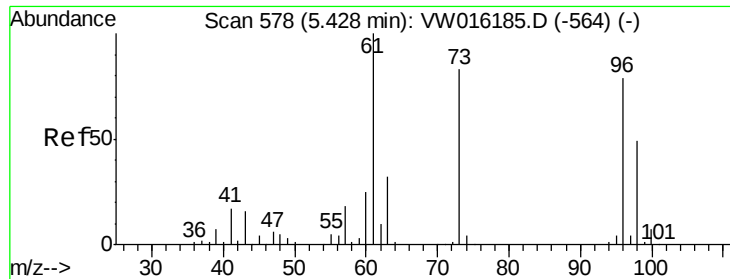
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#20
Methylene Chloride
Concen: 54.076 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion: 84 Resp: 165808
Ion Ratio Lower Upper
84 100
49 113.9 93.4 140.2
51 34.5 26.6 40.0
86 61.4 52.2 78.2





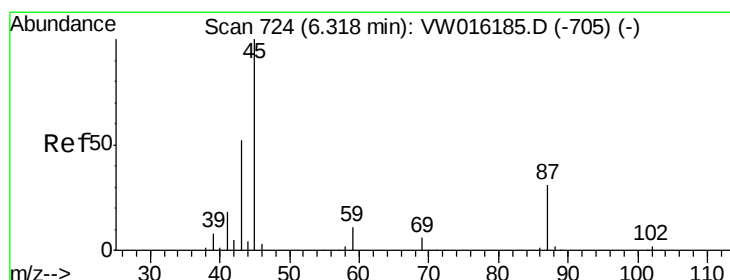
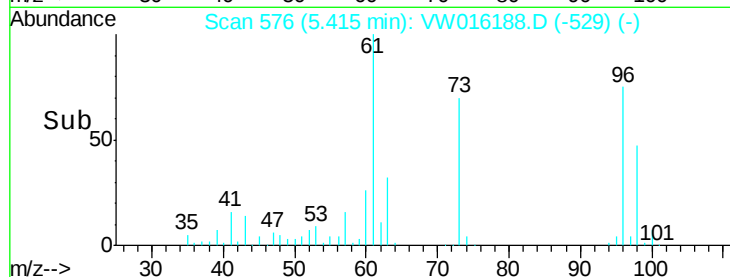
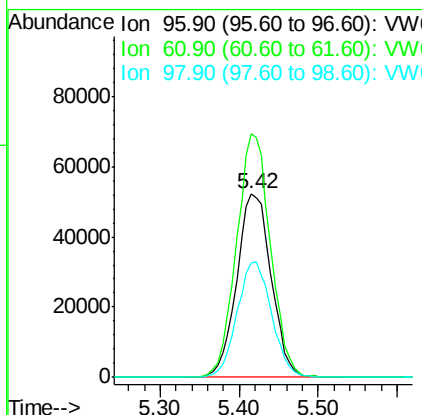
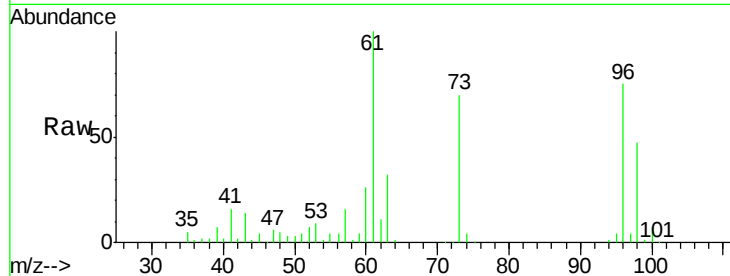
#21
trans-1,2-Dichloroethene
Concen: 49.981 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.7	101.4	152.0
98	62.6	49.4	74.0

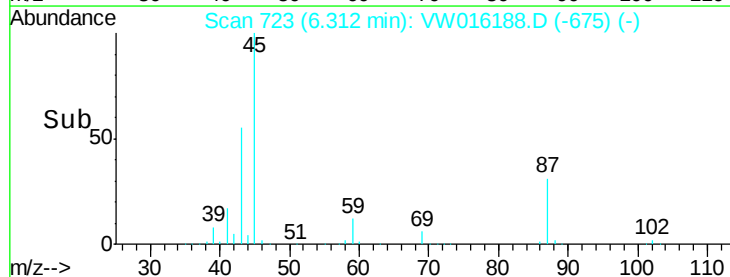
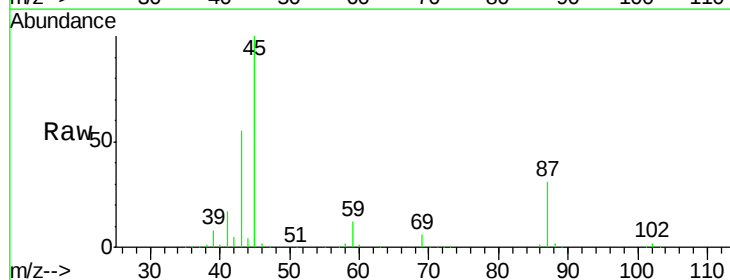
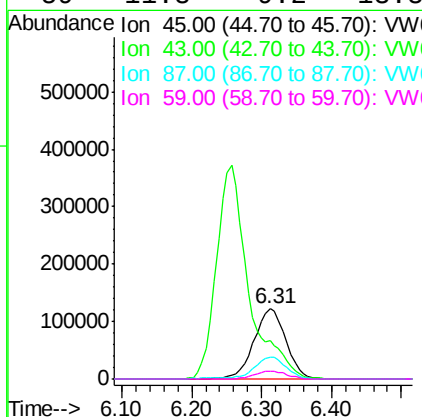
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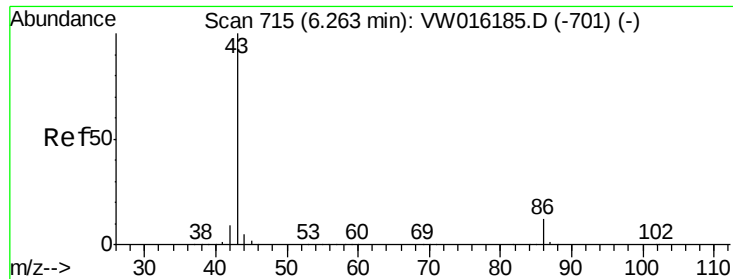
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#22
Diisopropyl ether
Concen: 52.439 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.2	41.7	62.5
87	30.6	25.0	37.6
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 283.007 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

Tot Ion: 43 Resp: 1192928

Ion Ratio Lower Upper

43 100

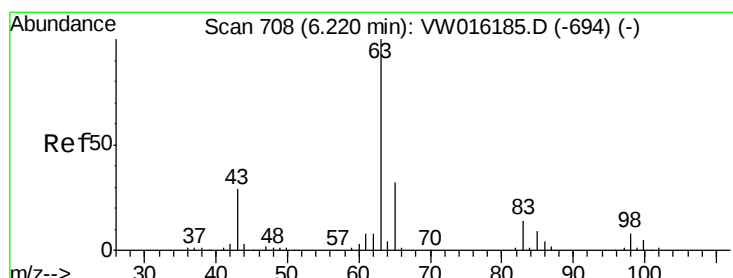
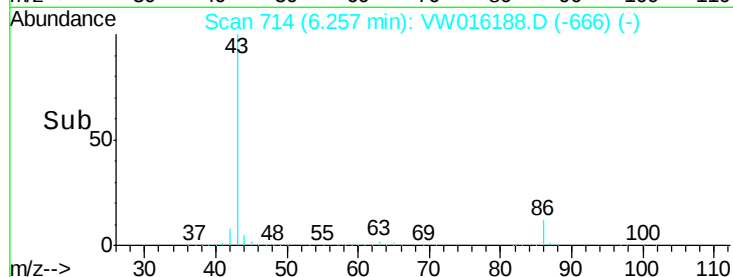
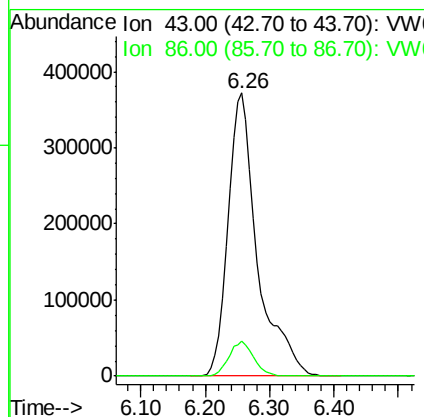
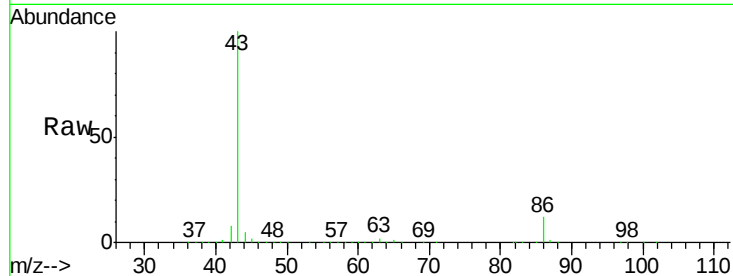
86 12.3 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 49.197 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

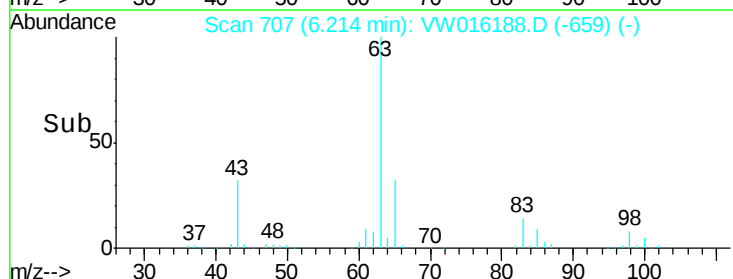
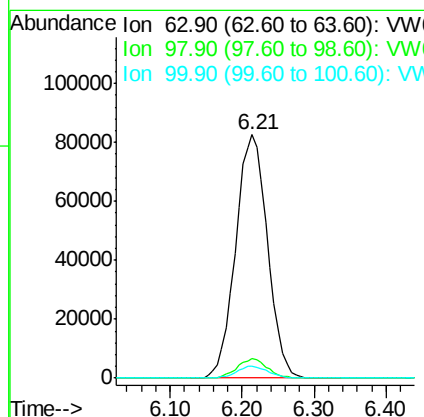
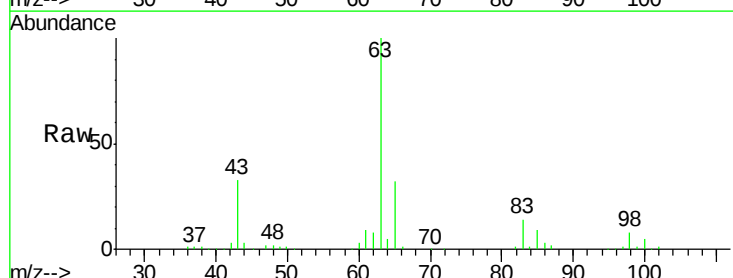
Tgt Ion: 63 Resp: 252773

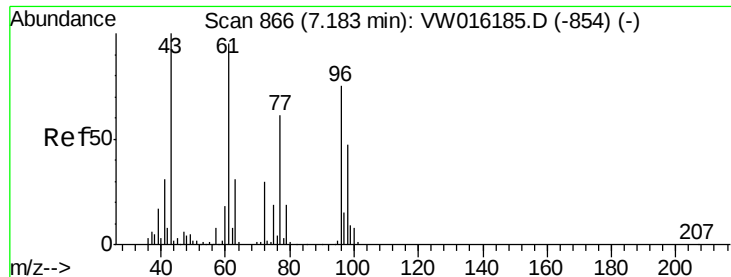
Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 4.8 2.6 8.0





#25

2-Butanone

Concen: 276.958 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

Tot Ion: 43 Resp: 184589

Ion Ratio Lower Upper

43 100

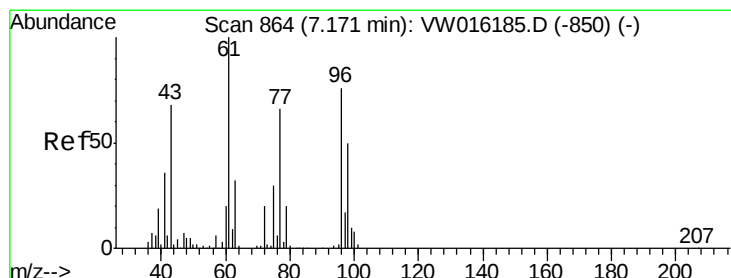
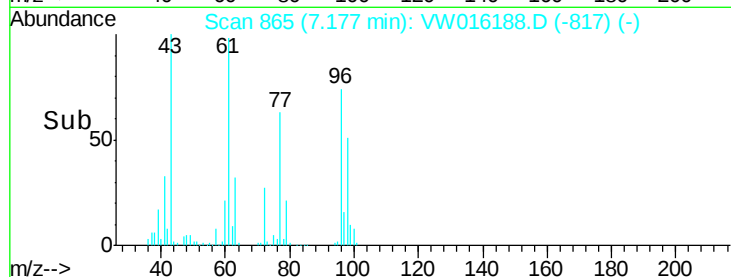
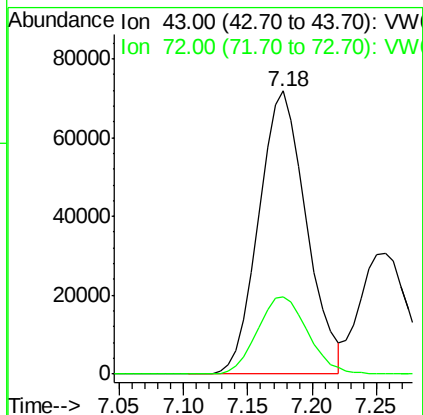
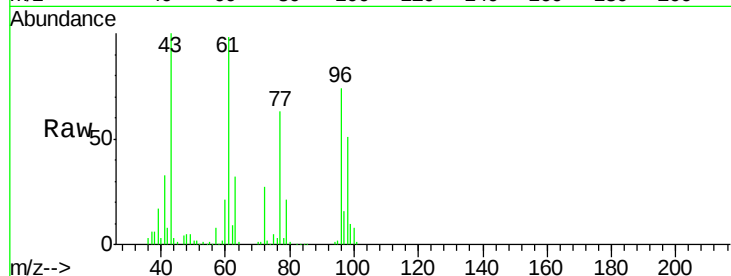
72 27.2 24.2 36.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.658 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016188.D

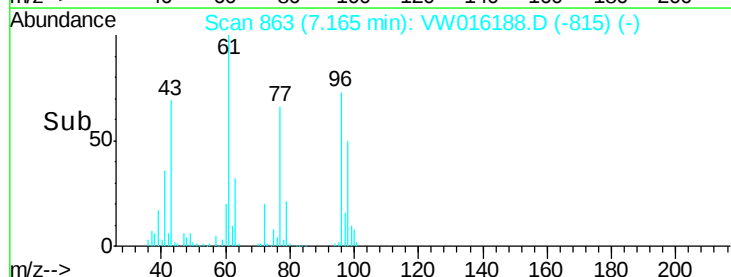
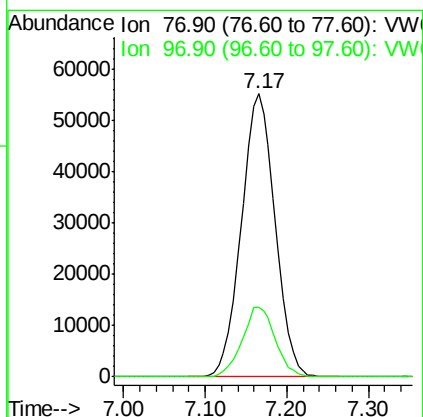
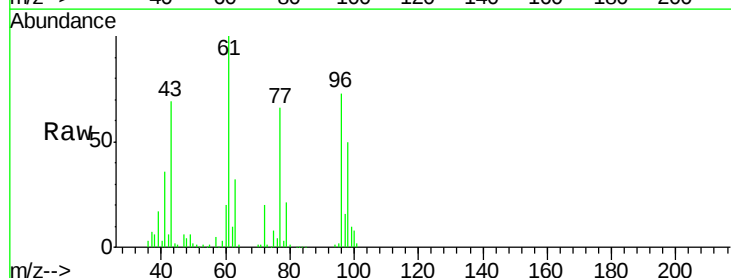
Acq: 14 Aug 2020 13:18

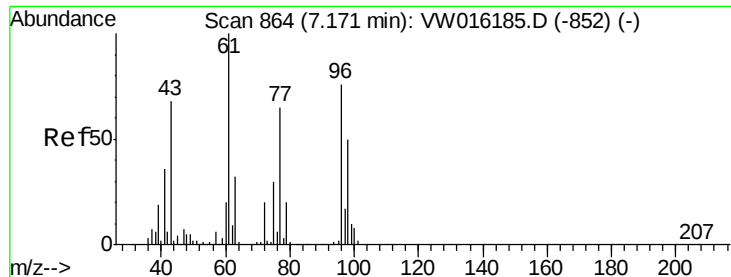
Tgt Ion: 77 Resp: 158171

Ion Ratio Lower Upper

77 100

97 24.3 12.1 36.3





#27

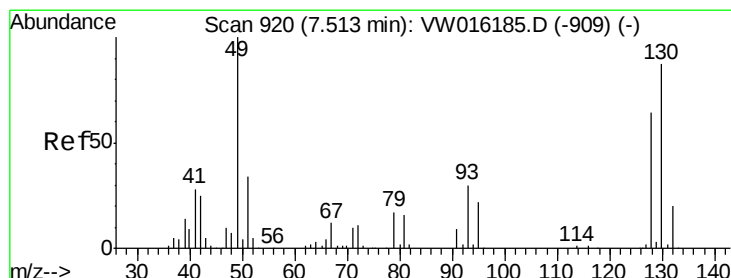
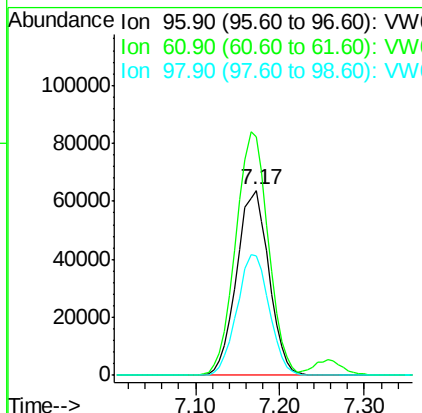
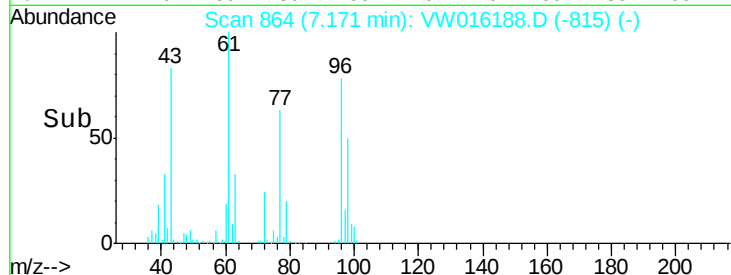
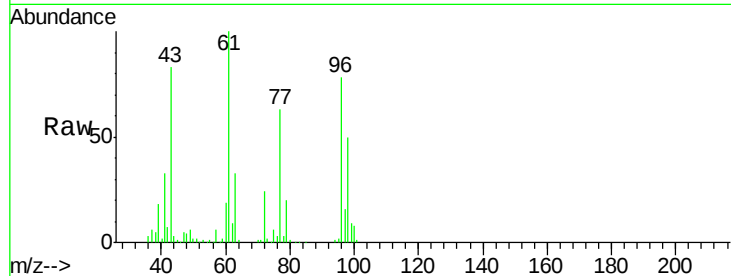
cis-1,2-Dichloroethene
Concen: 50.770 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Resp	Lower	Upper
96	100	166316		
61	132.2	0.0	267.0	
98	65.1	0.0	129.6	

Manual Integrations
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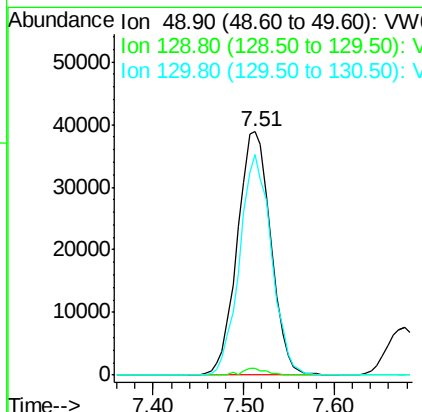
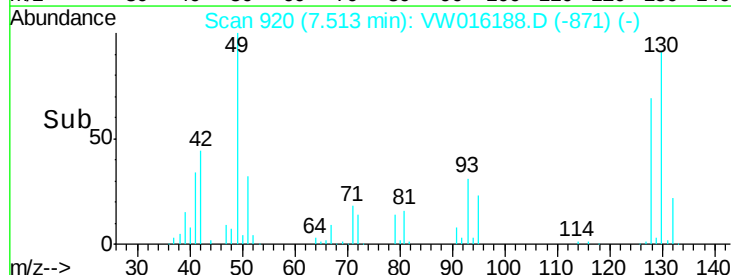
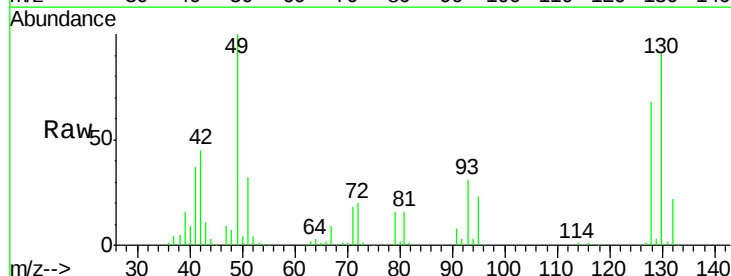
MMDadoda
8/17/2020 5:46:33 PM

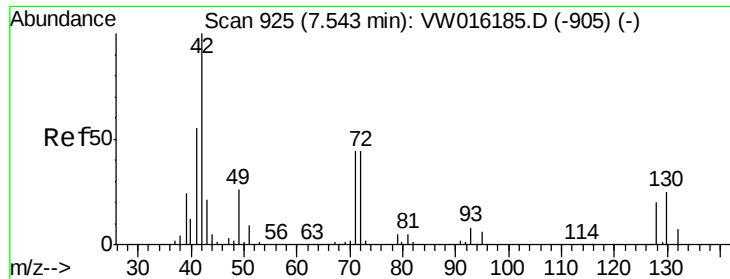


#28

Bromochloromethane
Concen: 50.987 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	99390		
129	2.0	0.0	4.2	
130	86.3	69.9	104.9	





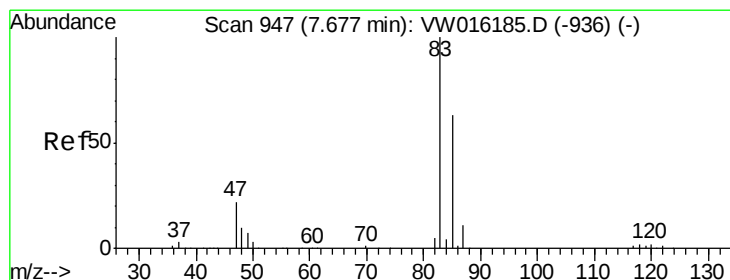
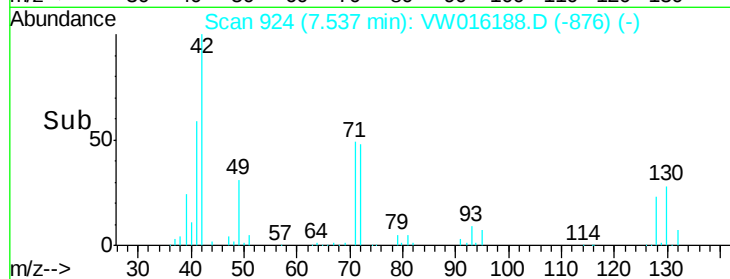
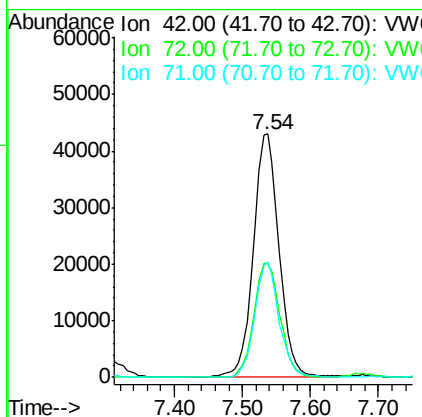
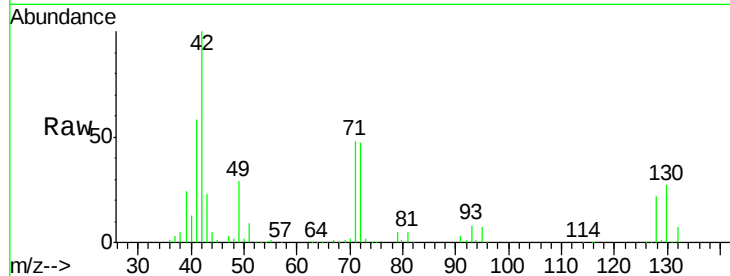
#29
Tetrahydrofuran
Concen: 285.987 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	37.4	56.2
71	45.0	35.6	53.4

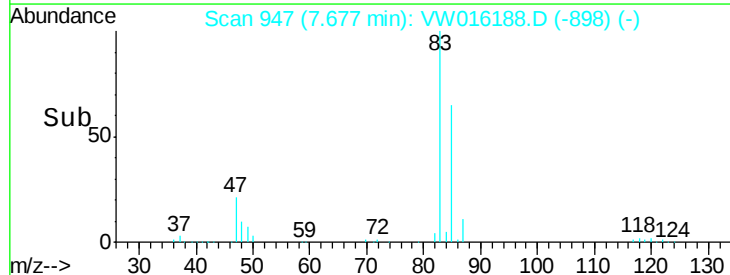
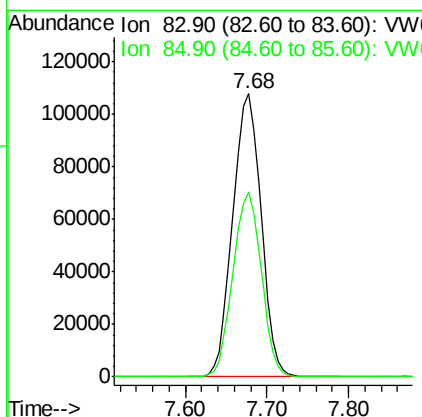
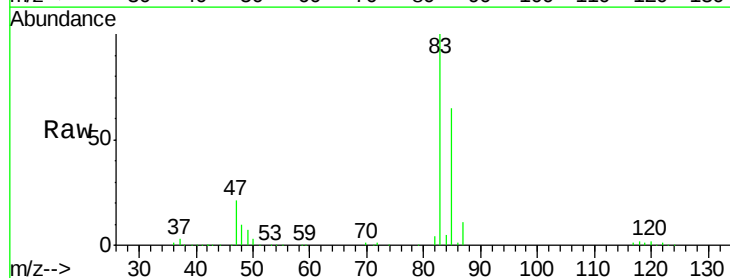
Manual Integrations
APPROVED

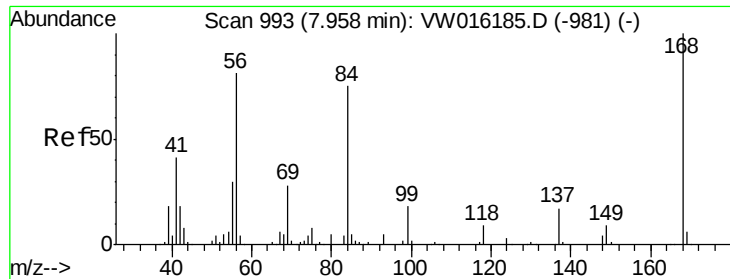
MMDadoda
8/17/2020 5:46:33 PM



#30
Chloroform
Concen: 48.756 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.0	75.0





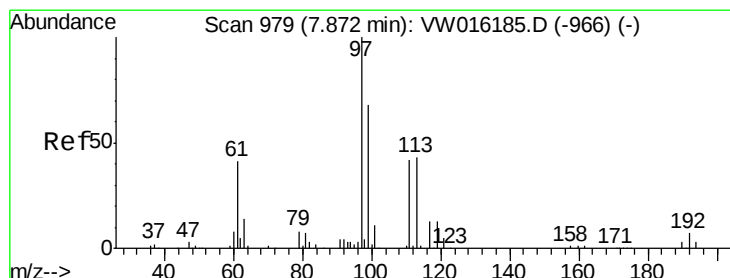
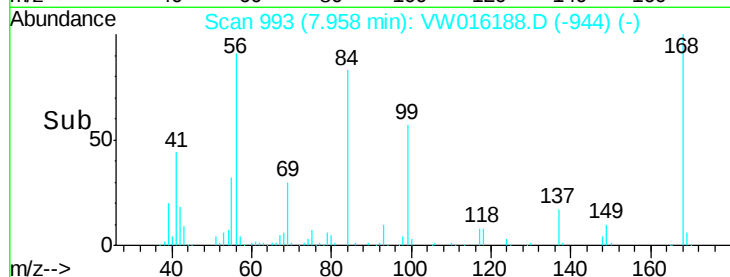
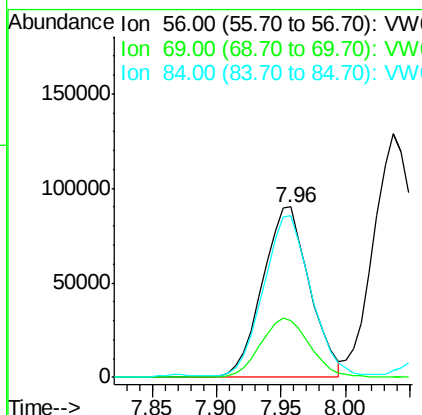
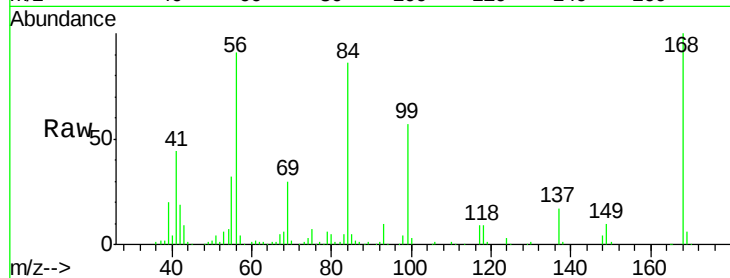
#31
Cyclohexane
Concen: 48.251 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.5	27.3	40.9
84	93.9	73.5	110.3

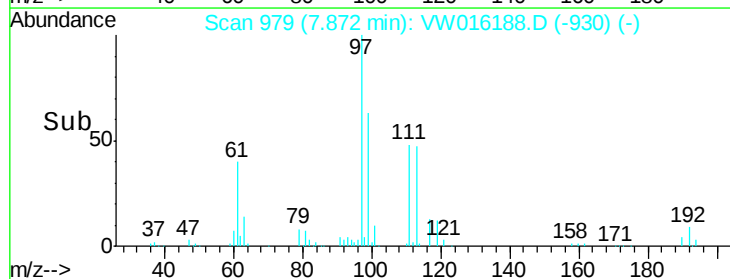
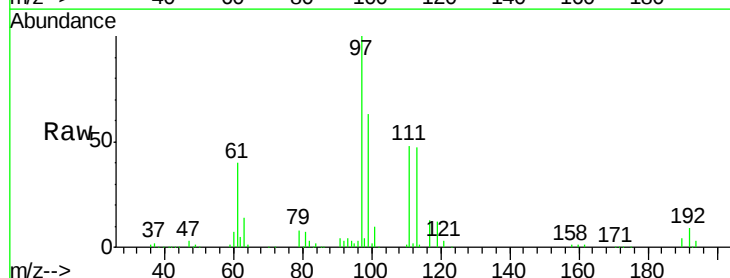
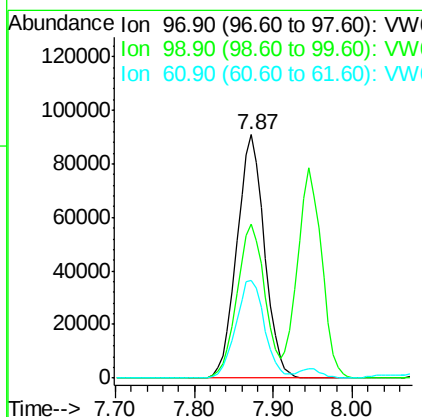
Manual Integrations
APPROVED

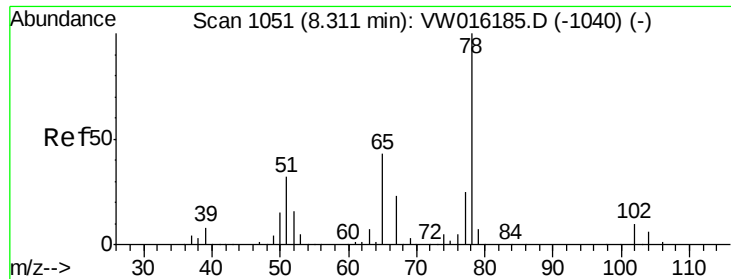
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8/17/2020 5:46:33 PM



#32
1,1,1-Trichloroethane
Concen: 49.294 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	41.9	33.2	49.8





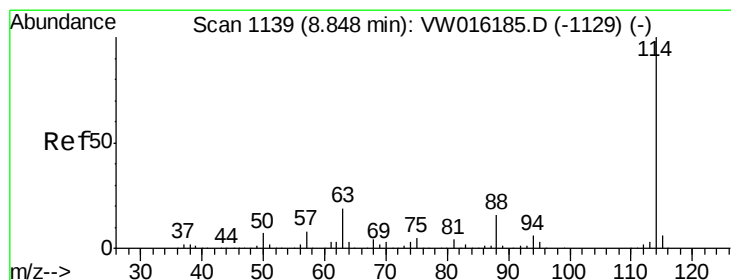
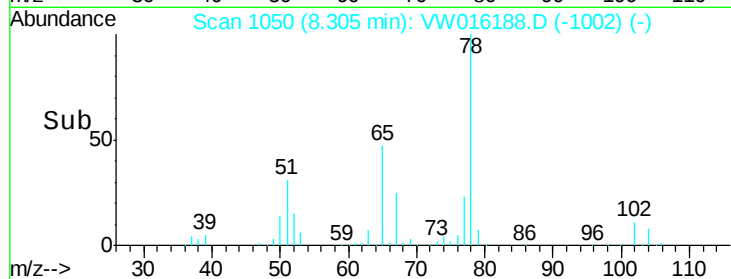
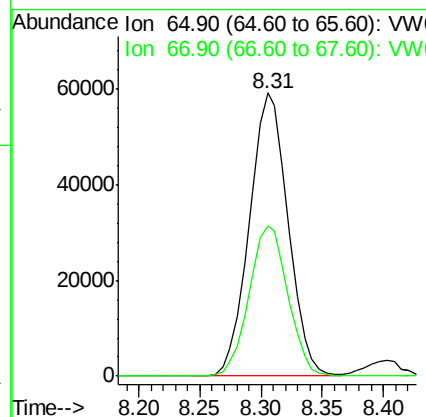
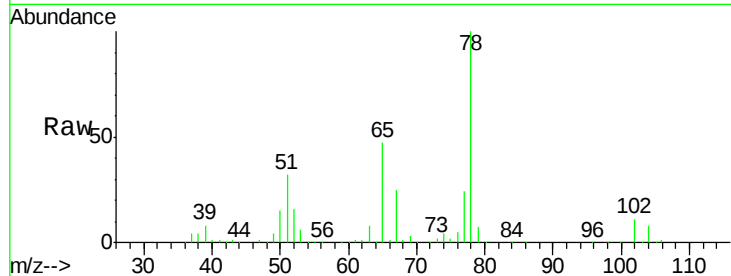
#33
 1,2-Dichloroethane-d4
 Concen: 50.111 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.3	0.0	105.6	

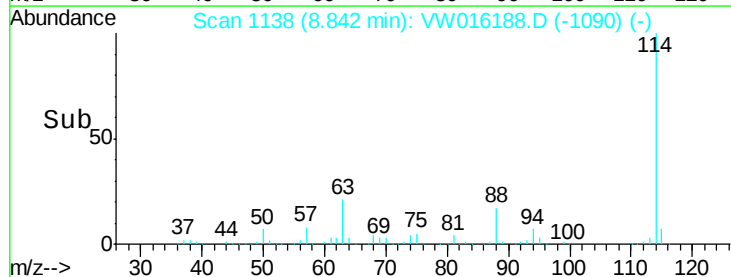
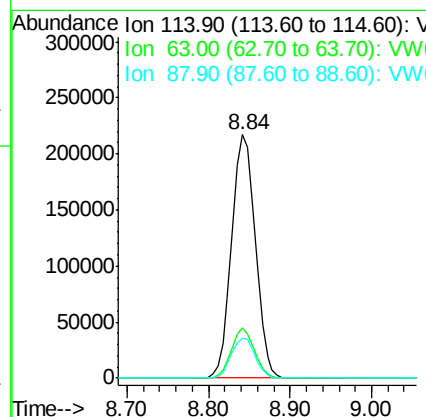
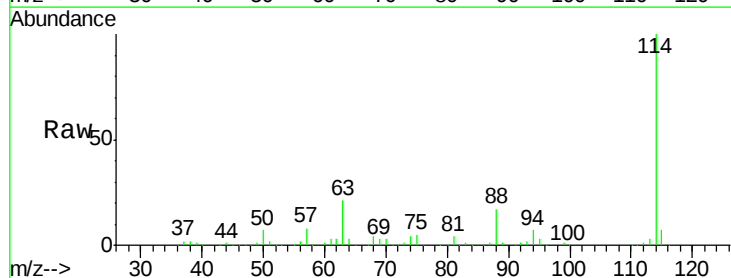
Manual Integrations
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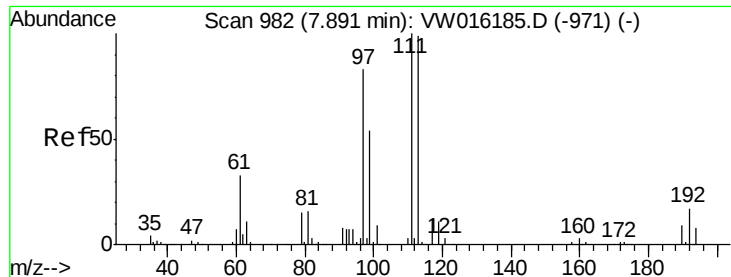
MMDadoda
 8/17/2020 5:46:33 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.5	0.0	38.4	
88	16.7	0.0	32.8	





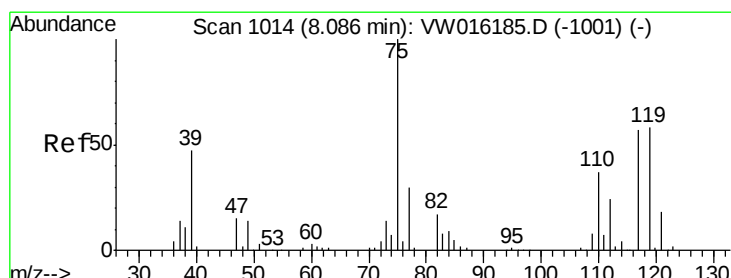
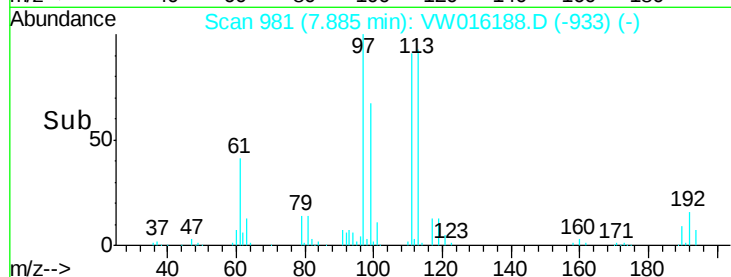
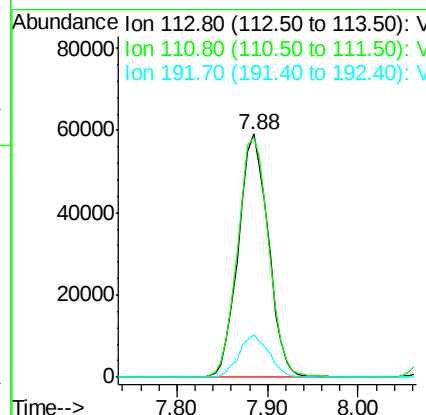
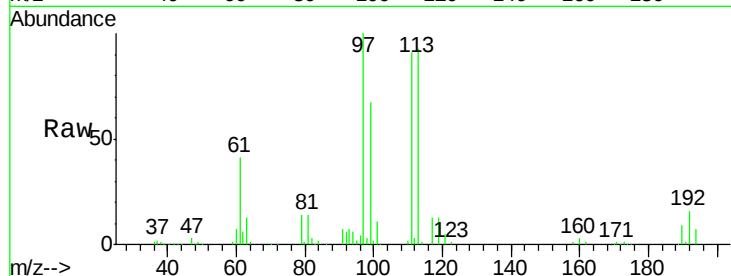
#35
 Dibromofluoromethane
 Concen: 50.648 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136001		
111	102.2	83.5	125.3	
192	17.7	14.3	21.5	

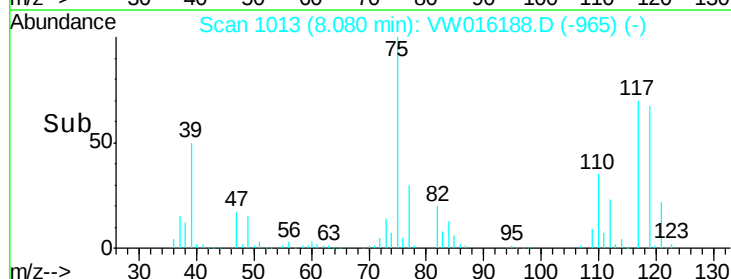
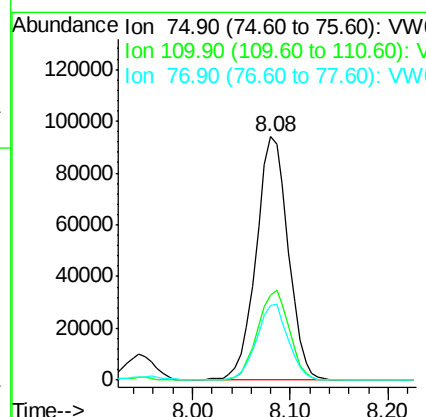
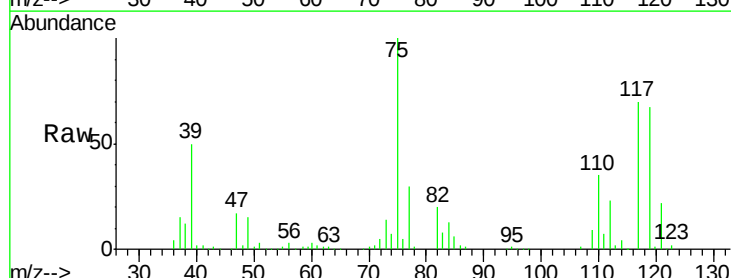
Manual Integrations
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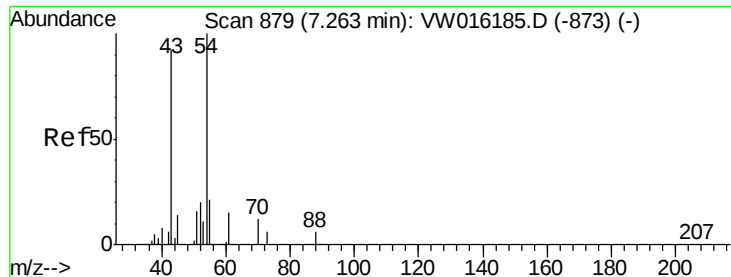
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#36
 1,1-Dichloropropene
 Concen: 49.929 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	214063		
110	36.5	18.1	54.3	
77	30.9	24.7	37.1	





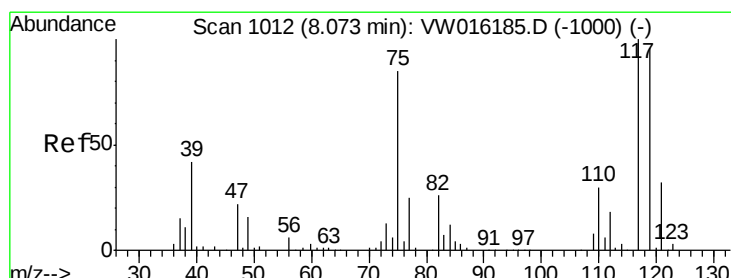
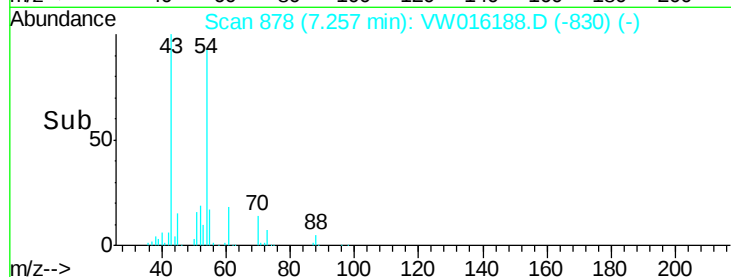
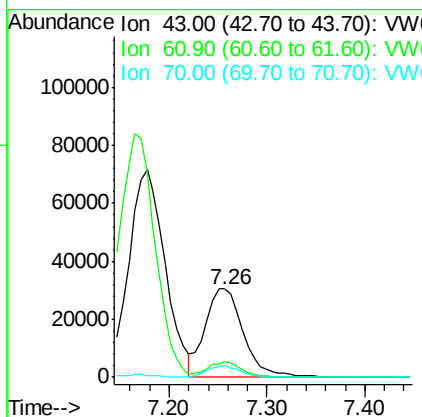
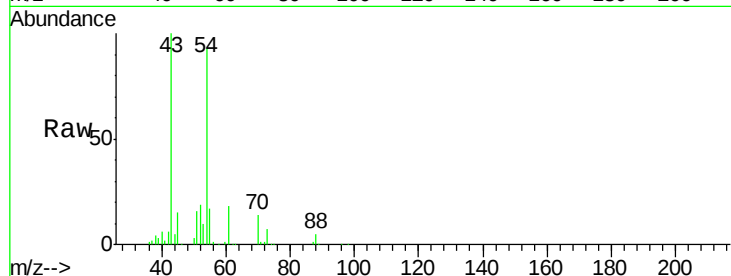
#37
Ethyl Acetate
Concen: 55.753 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.6	18.8
70	12.1	9.8	14.8

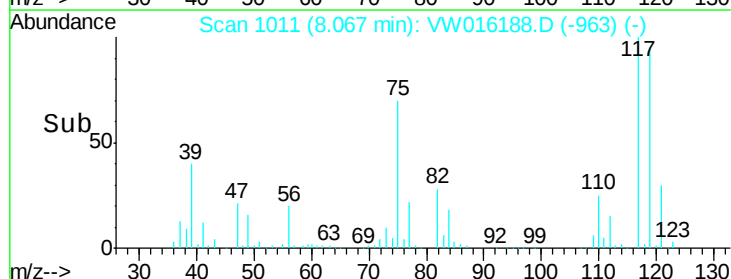
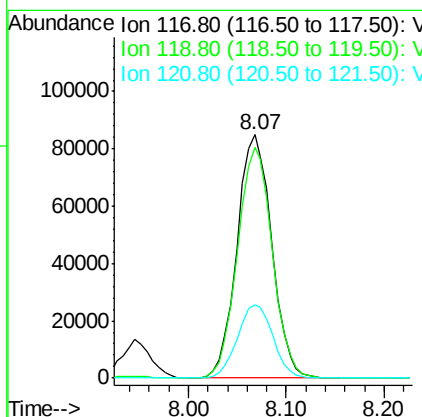
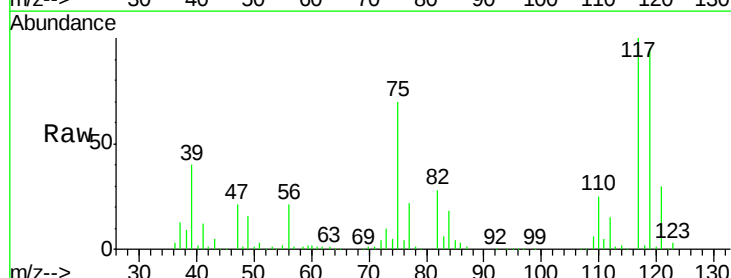
Manual Integrations
APPROVED

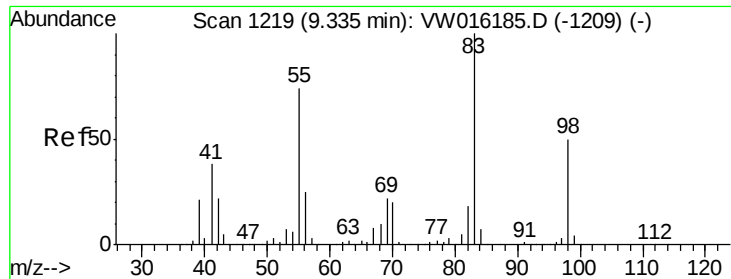
MMDadoda
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#38
Carbon Tetrachloride
Concen: 48.855 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.6	115.0
121	30.2	25.4	38.0





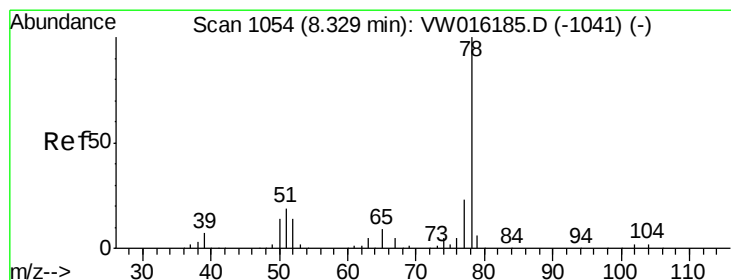
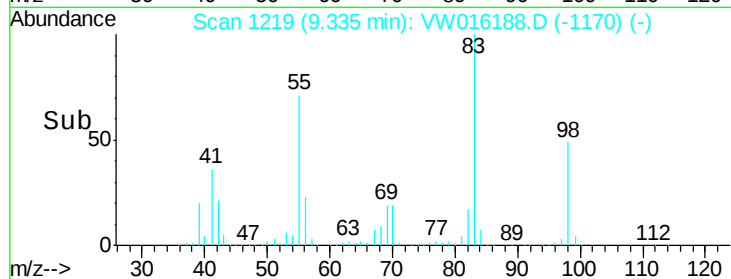
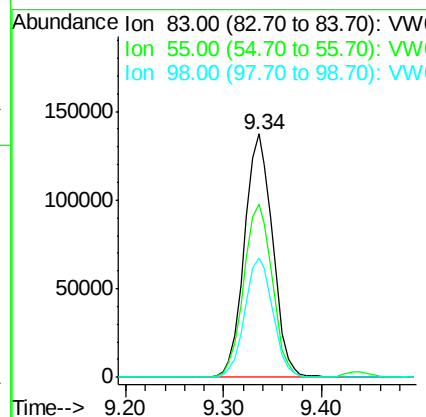
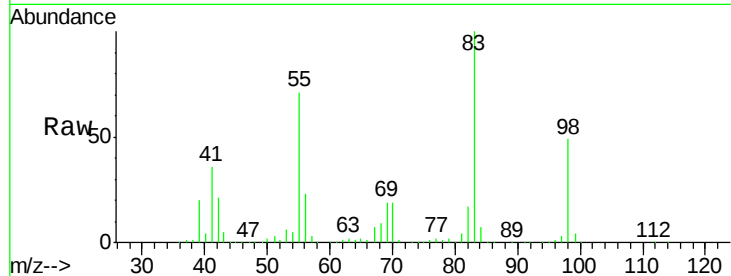
#39
Methvlcvclohexane
Concen: 53.170 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Resp	Lower	Upper
83	100	274588		
55	71.1		59.2	88.8
98	49.0		40.2	60.2

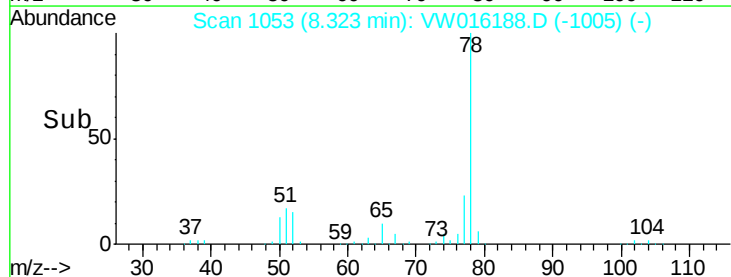
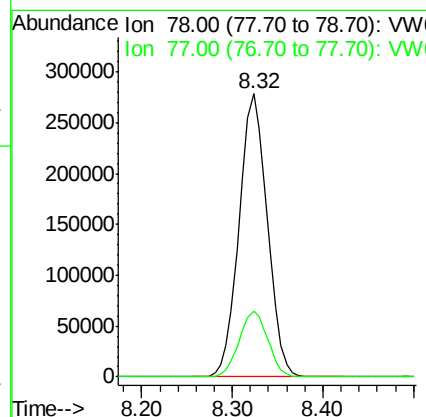
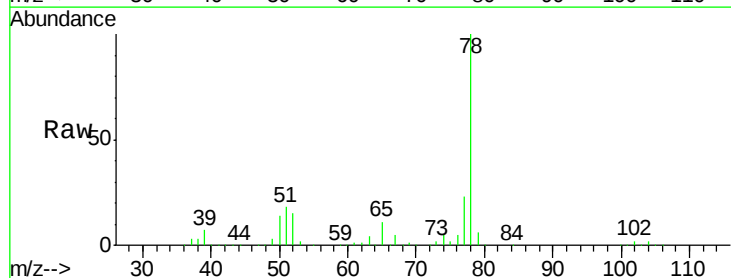
Manual Integrations
APPROVED

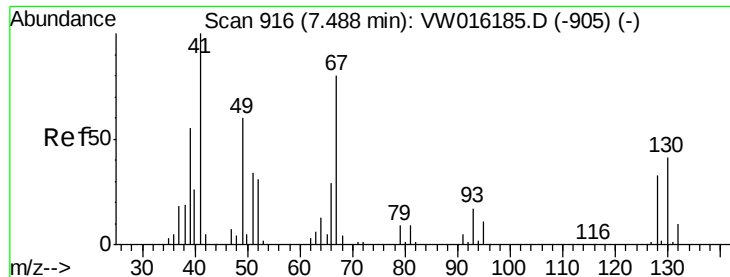
MMDadoda
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#40
Benzene
Concen: 49.792 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	600546		
77	23.4		18.6	28.0





#41

Methacrylonitrile

Concen: 56.523 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

Tot Ion: 41 Resp: 47419

Ion Ratio Lower Upper

41 100

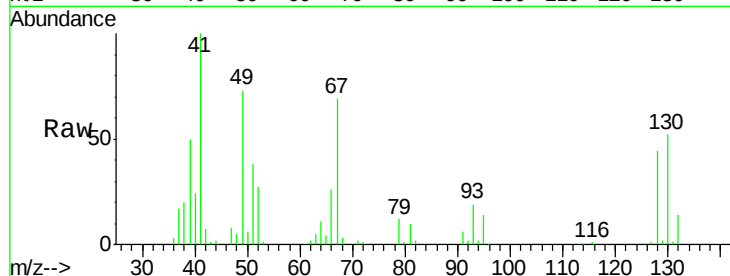
39 58.0 43.4 65.2

67 76.9 61.5 92.3

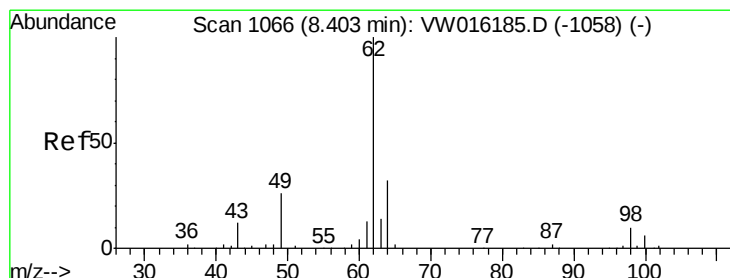
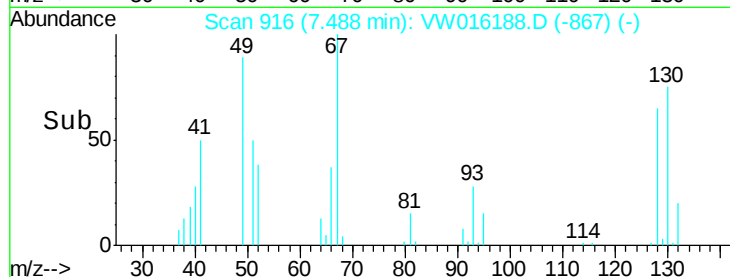
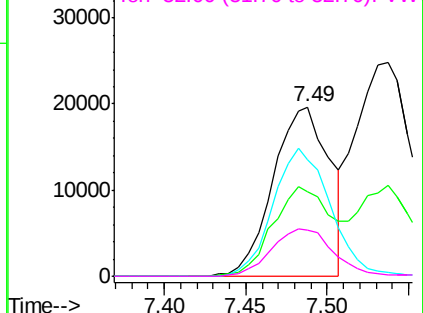
52 30.7 24.3 36.5

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 50.708 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW016188.D

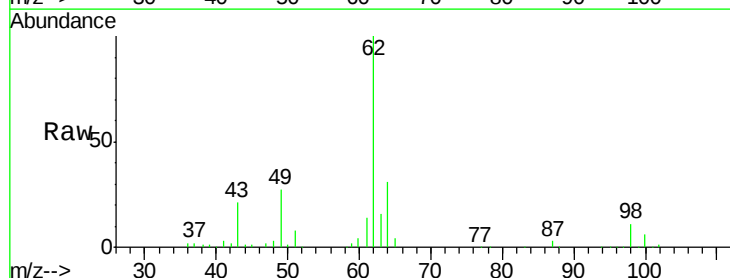
Acq: 14 Aug 2020 13:18

Tgt Ion: 62 Resp: 161529

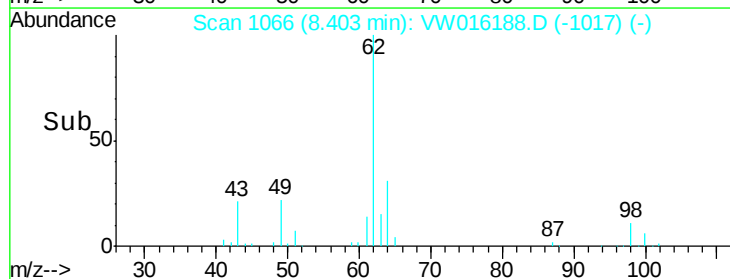
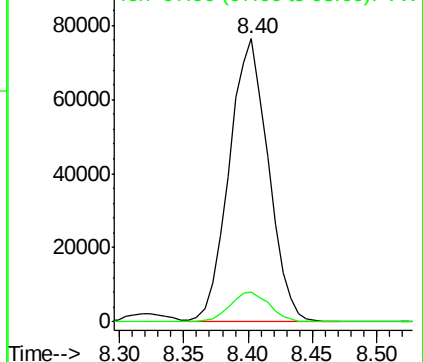
Ion Ratio Lower Upper

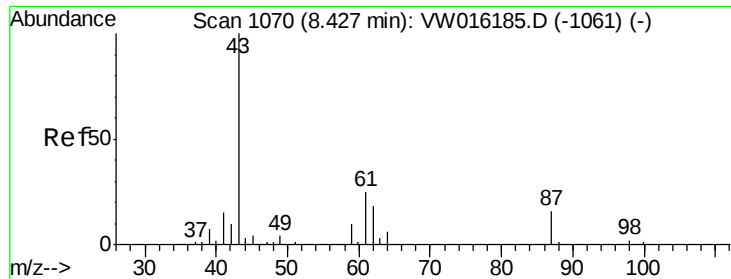
62 100

98 10.6 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





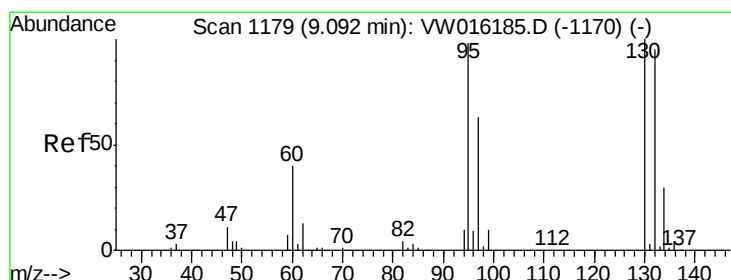
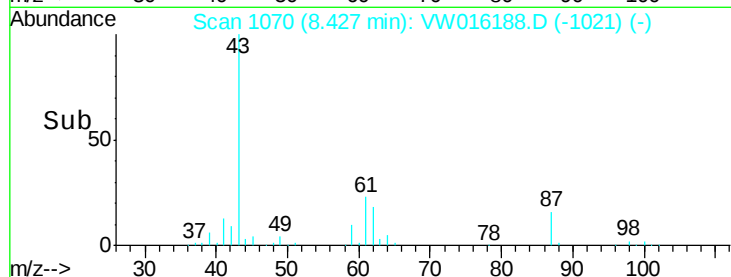
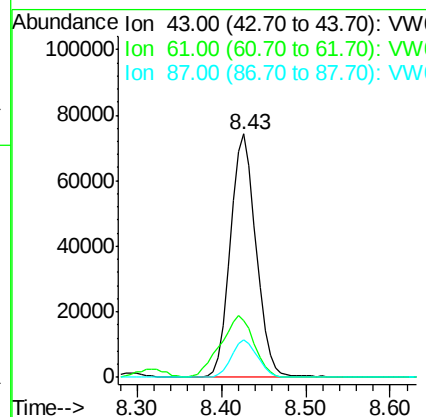
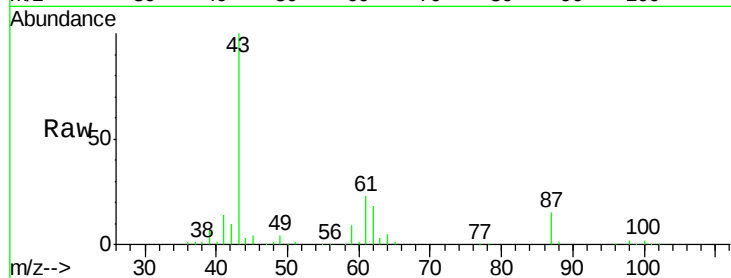
#43
Isopropyl Acetate
Concen: 56.041 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	33.1	26.9	40.3	
87	15.4	12.0	18.0	

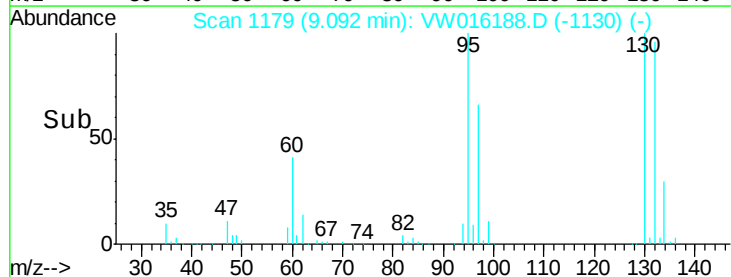
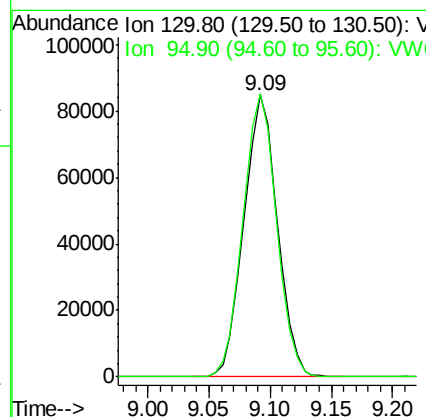
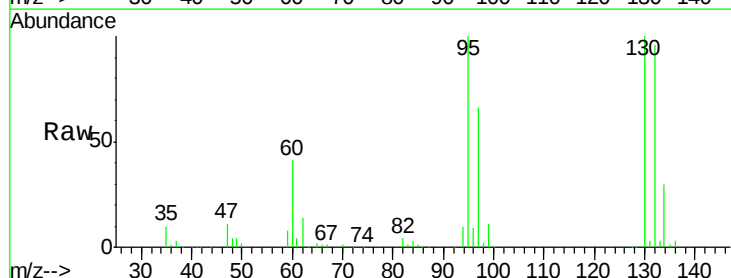
Manual Integrations
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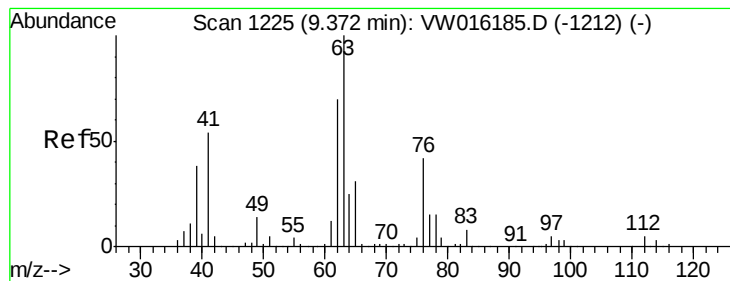
MMDadoda
8/17/2020 5:46:33 PM



#44
Trichloroethene
Concen: 47.282 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
130	100			
95	100.5	0.0	196.4	





#45

1,2-Dichloropropane

Concen: 49.643 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

Tot Ion: 63 Resp: 141141

Ion Ratio Lower Upper

63 100

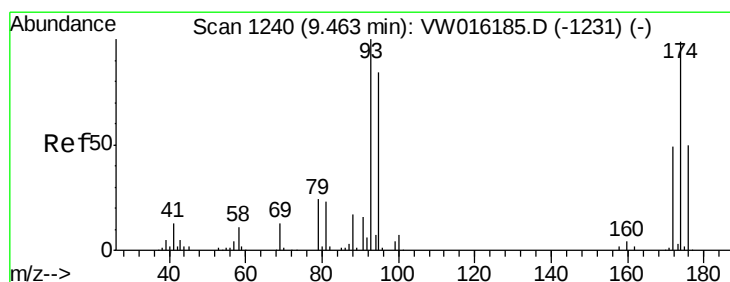
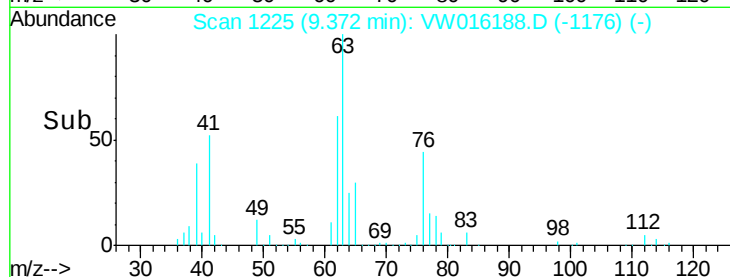
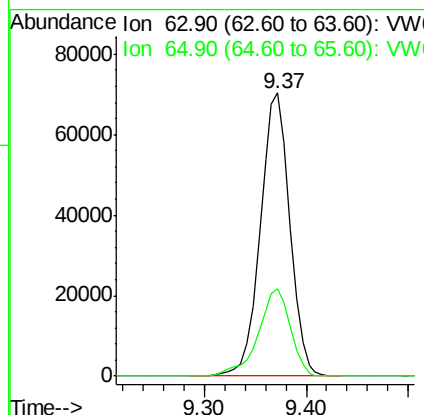
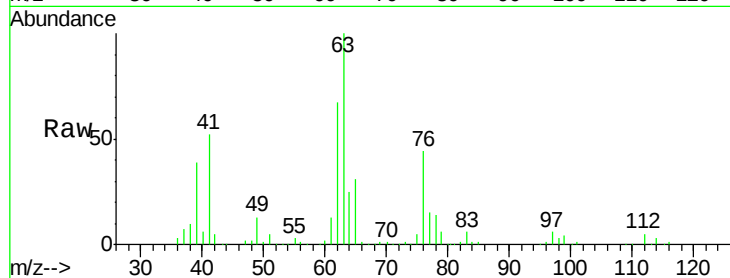
65 30.8 25.0 37.6

Manual Integrations

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#46

Dibromomethane

Concen: 52.457 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

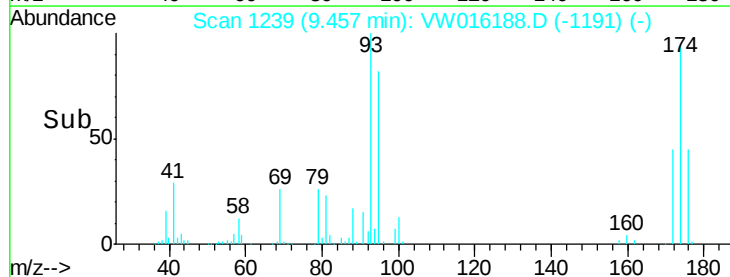
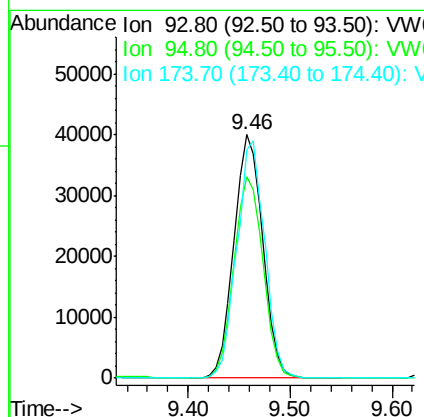
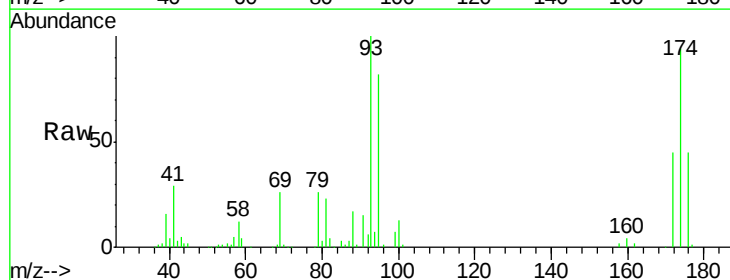
Tgt Ion: 93 Resp: 78300

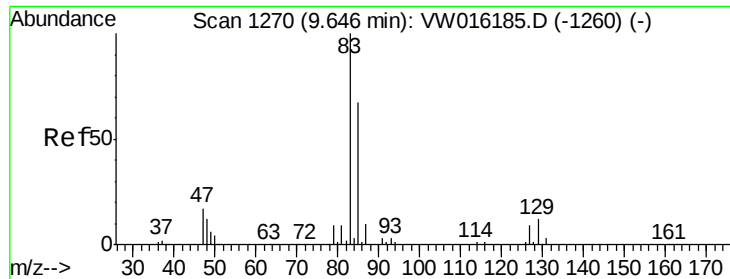
Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

174 94.7 77.0 115.6





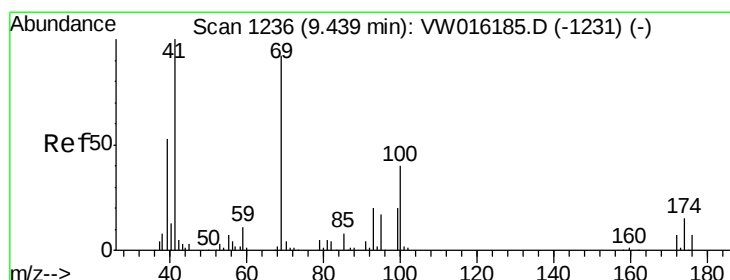
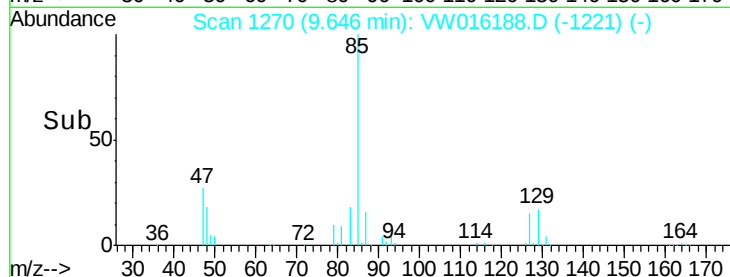
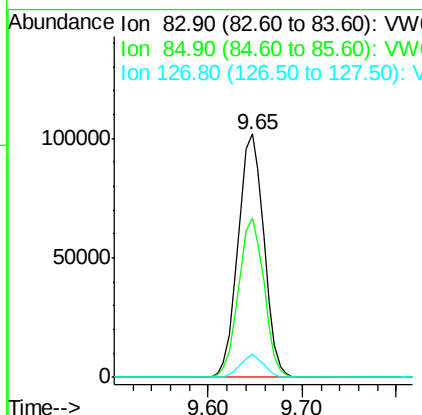
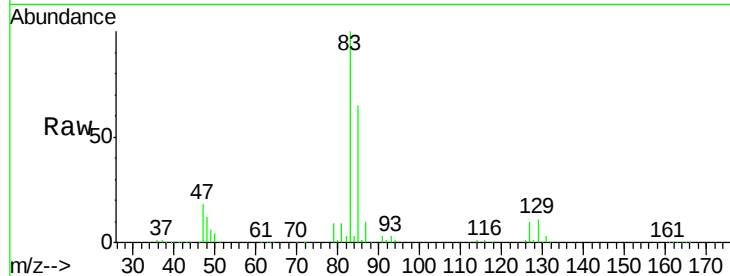
#47
 Bromodichloromethane
 Concen: 50.636 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

Tot Ion	Ratio	Resp	Lower	Upper
83	100	195277		
85	65.4	53.3	79.9	
127	9.5	7.4	11.2	

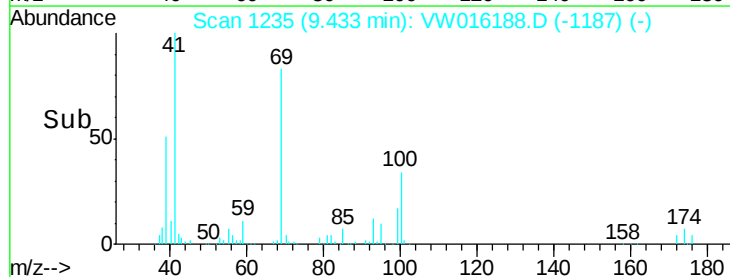
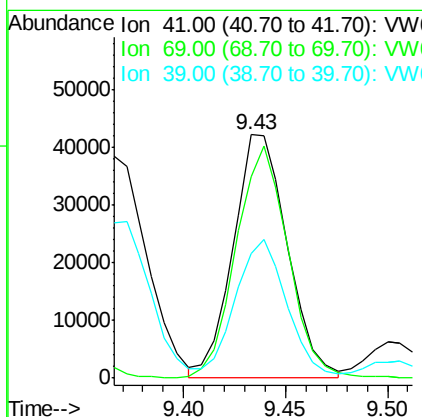
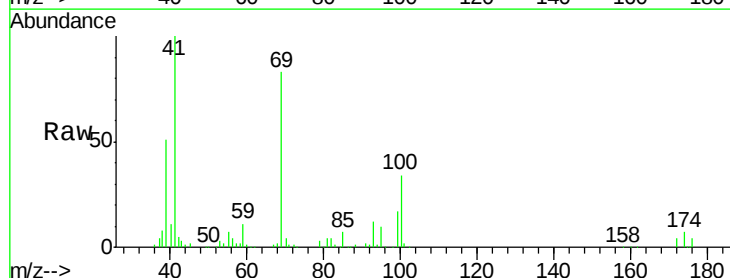
Manual Integrations
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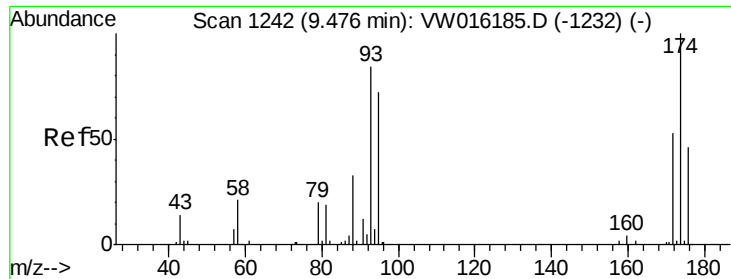
MMDadoda
 8/17/2020 5:46:33 PM



#48
 Methyl methacrylate
 Concen: 60.519 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	77805		
69	91.6	77.4	116.0	
39	50.7	42.2	63.2	





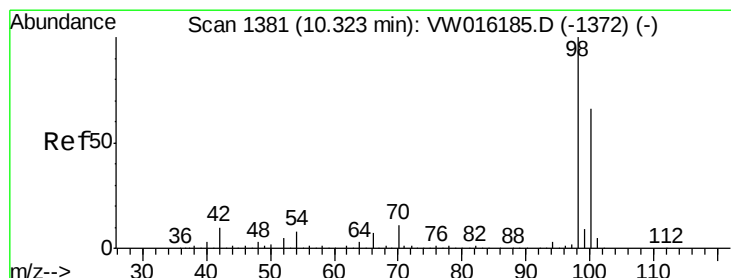
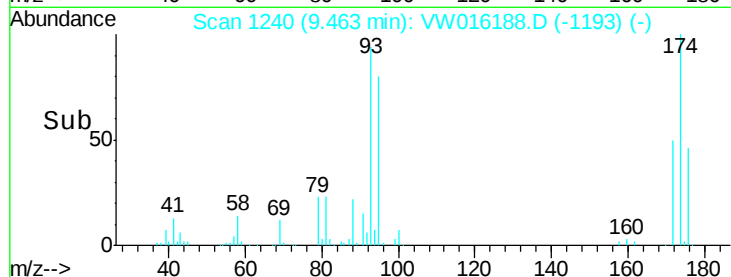
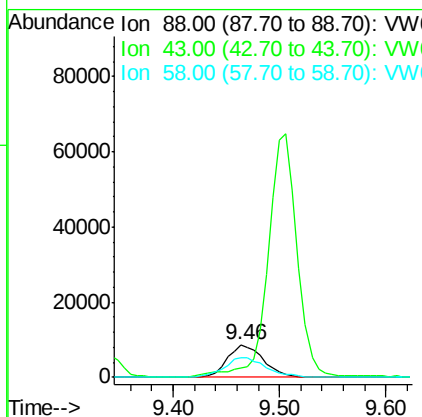
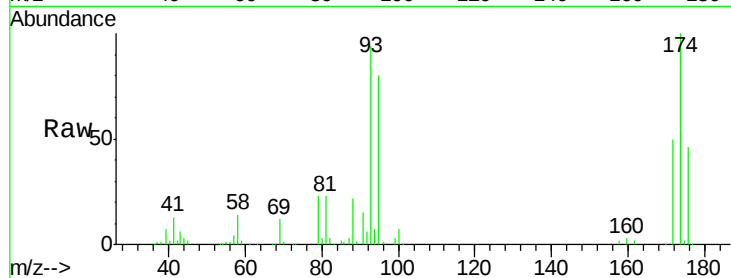
#49
1,4-Dioxane
Concen: 1097.333 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	68.9	56.6	84.8

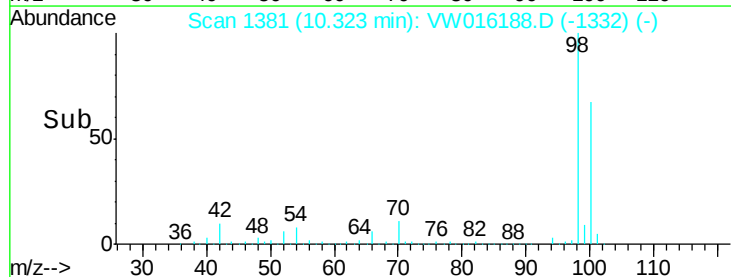
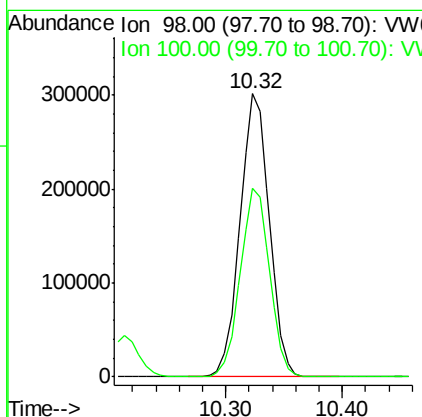
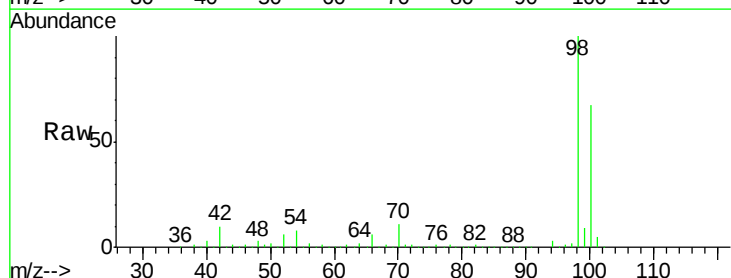
Manual Integrations
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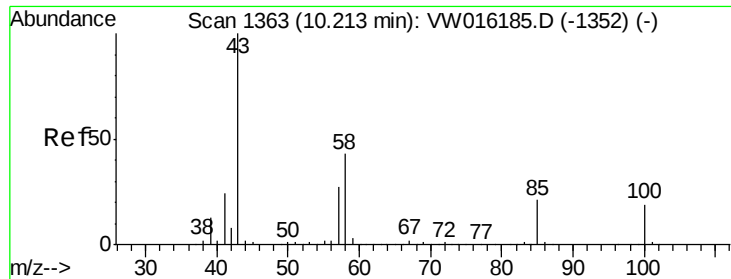
MMDadoda
8/17/2020 5:46:33 PM



#50
Toluene-d8
Concen: 50.831 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.5	80.3





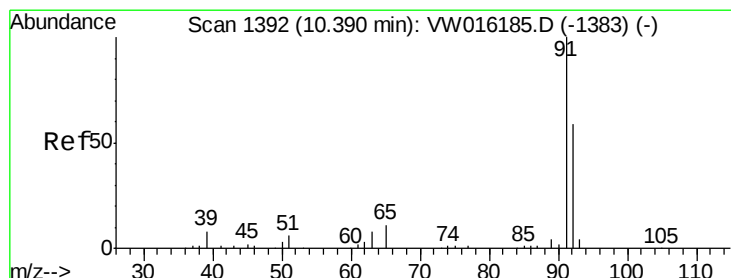
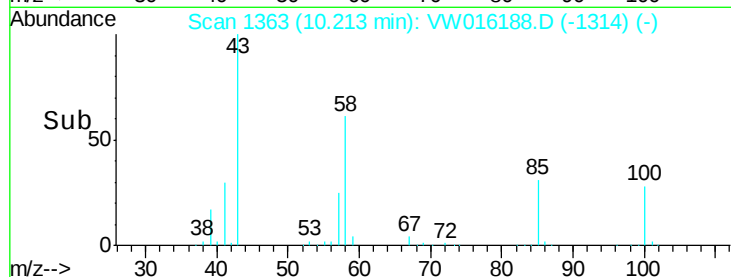
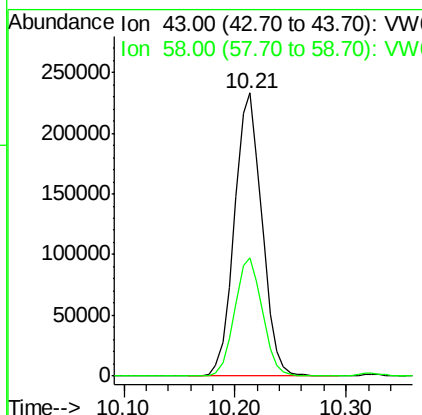
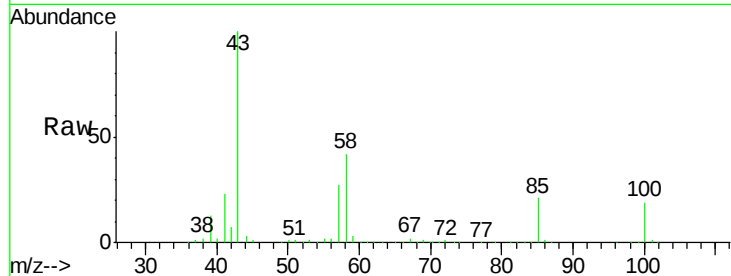
#51
4-Methyl-2-Pentanone
Concen: 284.486 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion: 43 Resp: 397911
Ion Ratio Lower Upper
43 100
58 42.1 33.7 50.5

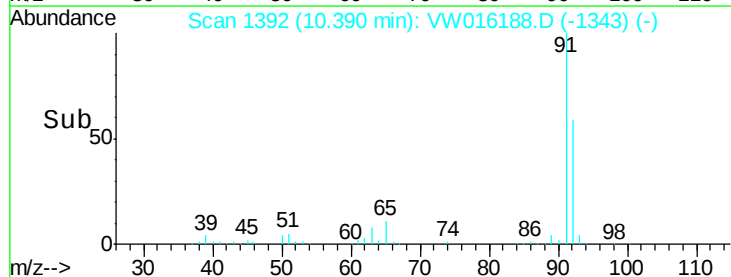
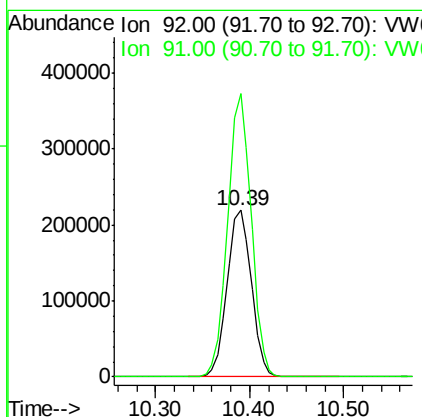
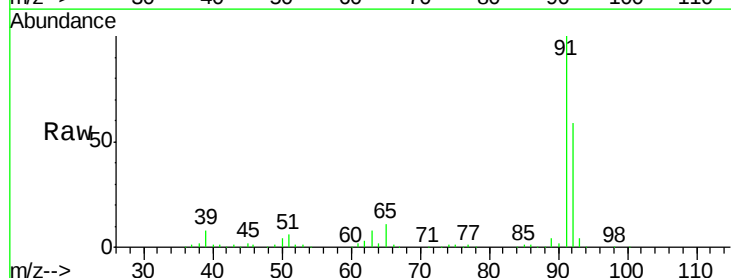
Manual Integrations
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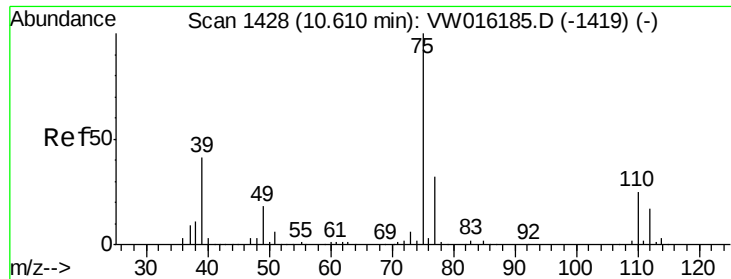
MMDadoda
8/17/2020 5:46:33 PM



#52
Toluene
Concen: 50.771 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion: 92 Resp: 392120
Ion Ratio Lower Upper
92 100
91 165.5 133.3 199.9





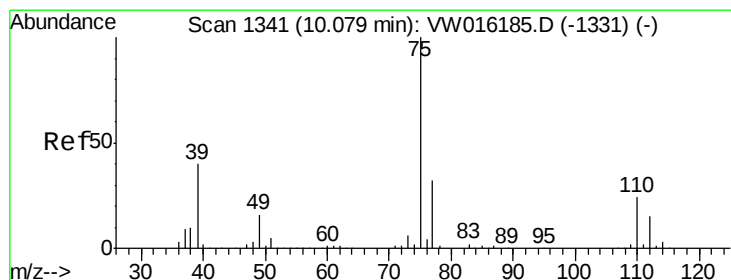
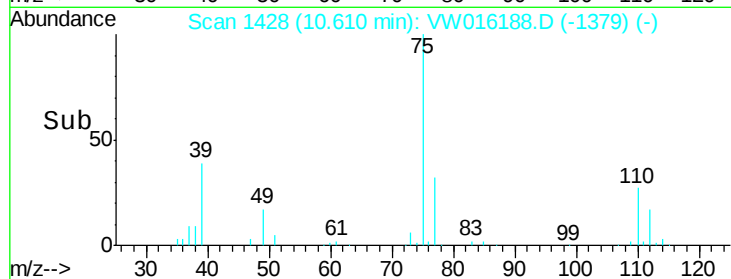
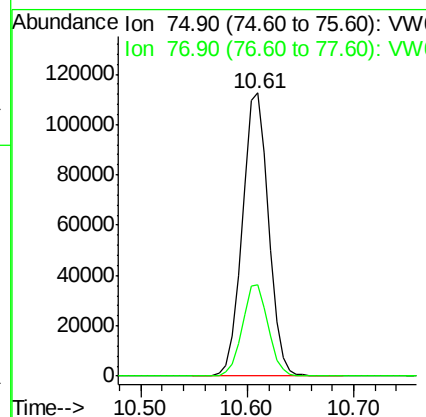
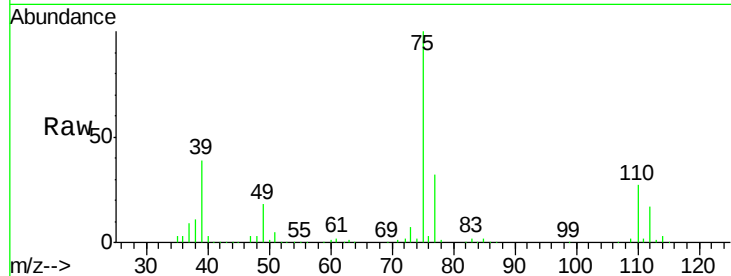
#53
t-1,3-Dichloropropene
Concen: 54.456 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.6	38.4

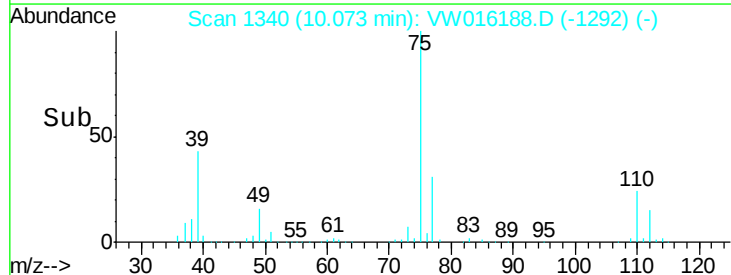
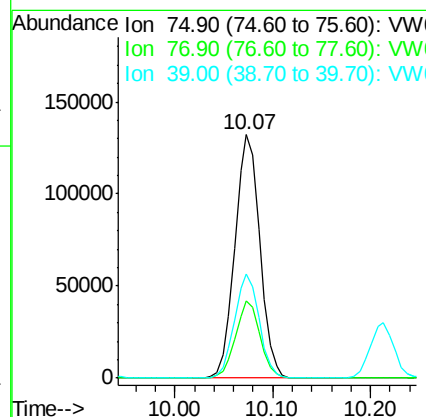
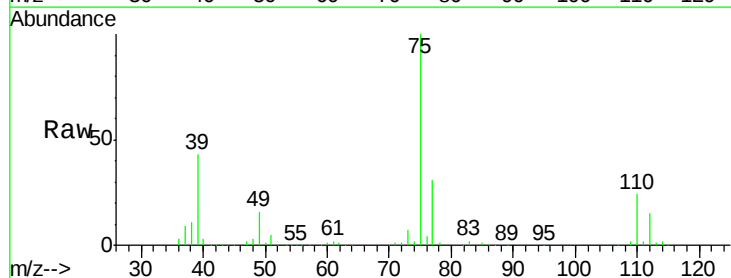
Manual Integrations
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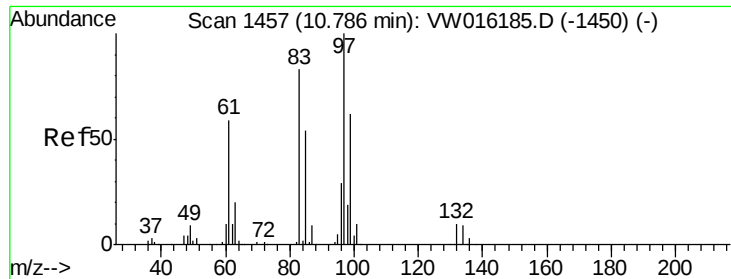
MMDadoda
8/17/2020 5:46:33 PM



#54
cis-1,3-Dichloropropene
Concen: 52.546 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	42.5	32.3	48.5





#55

1,1,2-Trichloroethane

Concen: 51.067 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

Tot Ion: 97 Resp: 109373

Ion Ratio Lower Upper

97 100

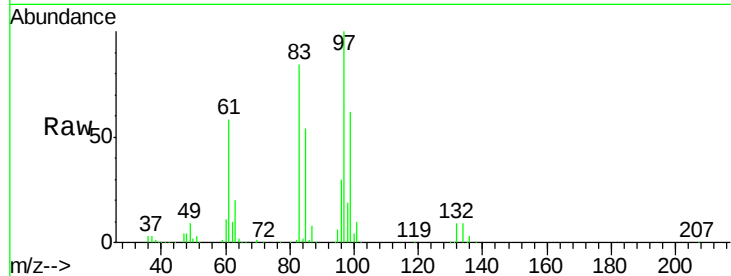
83 84.1 66.6 100.0

85 54.1 43.0 64.4

99 62.4 49.4 74.2

Manual Integrations
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MMDadoda
8/17/2020 5:46:33 PM

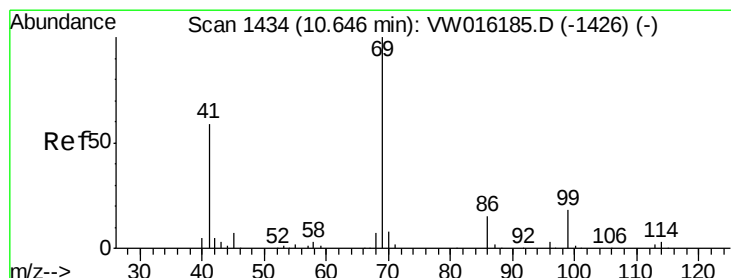
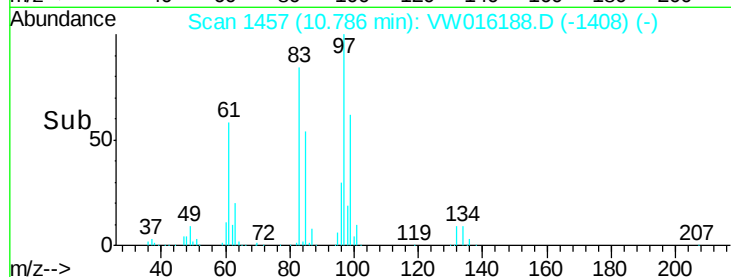
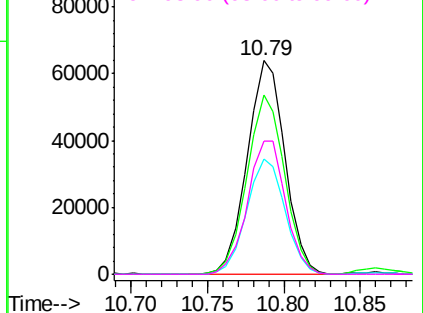


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 57.512 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

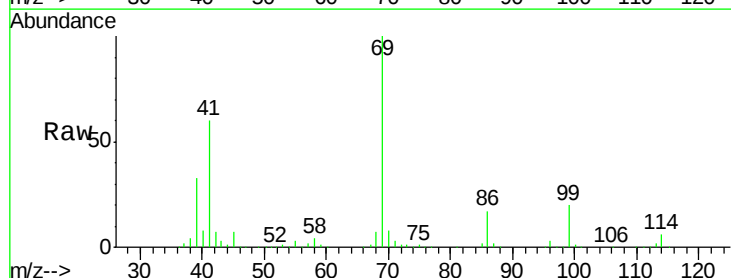
Tgt Ion: 69 Resp: 140469

Ion Ratio Lower Upper

69 100

41 60.2 47.6 71.4

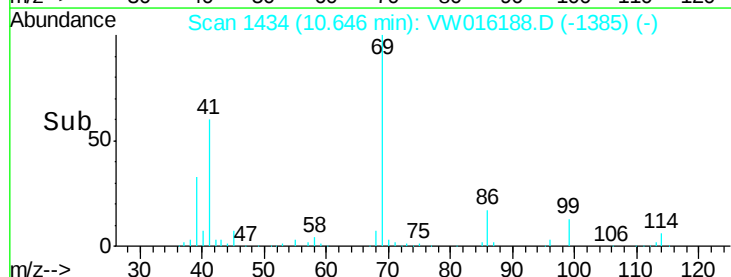
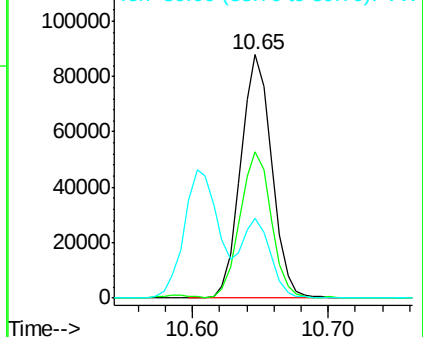
39 30.9 24.6 36.8

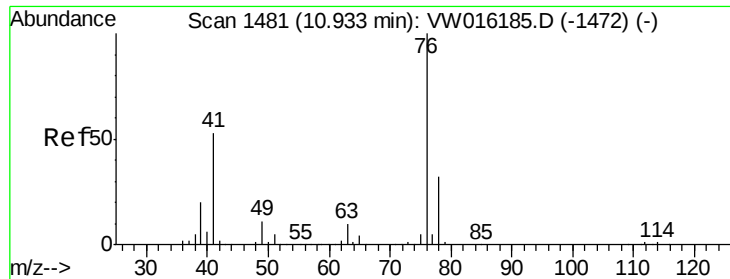


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





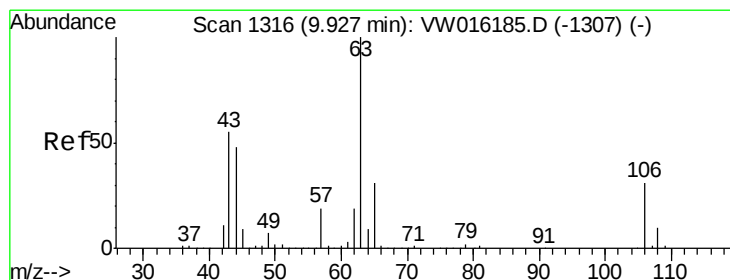
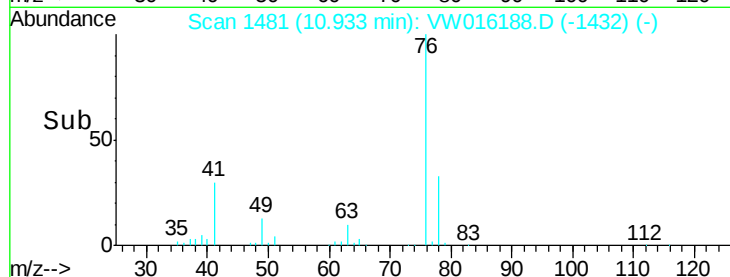
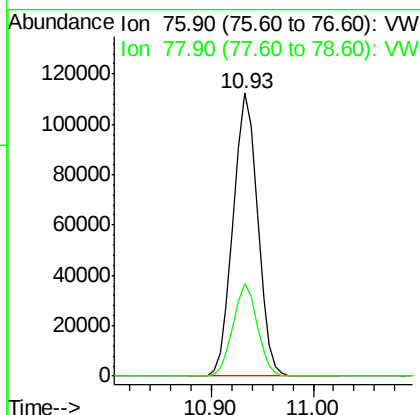
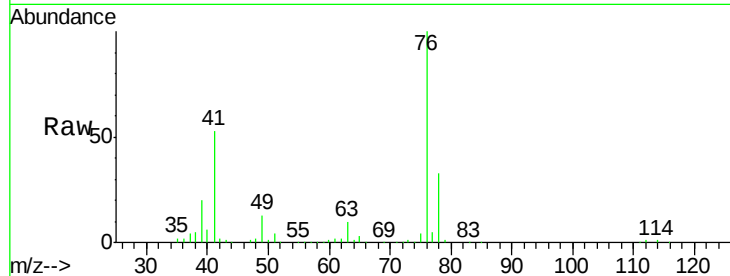
#57
 1,3-Dichloropropane
 Concen: 51.369 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8

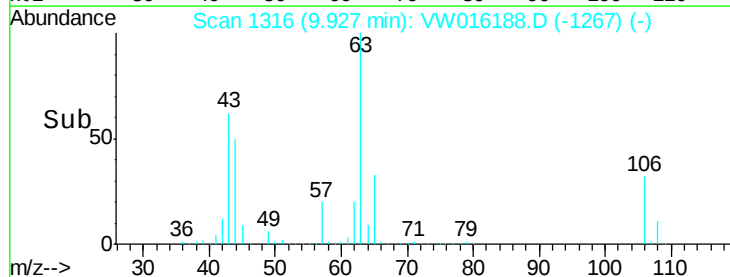
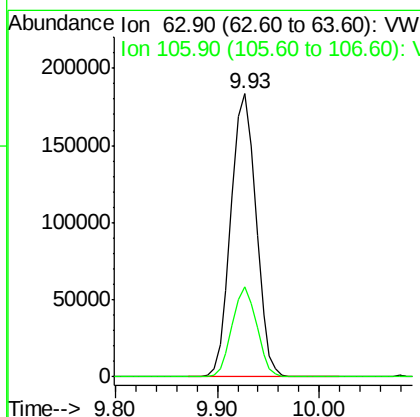
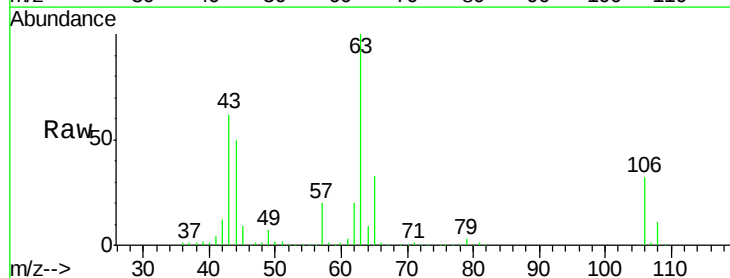
Manual Integrations
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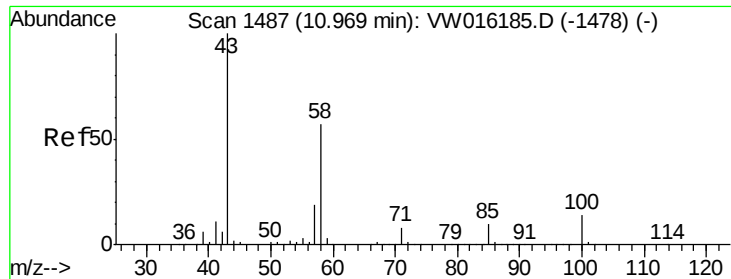
MMDadoda
 8/17/2020 5:46:33 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 281.298 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.1	24.9	37.3





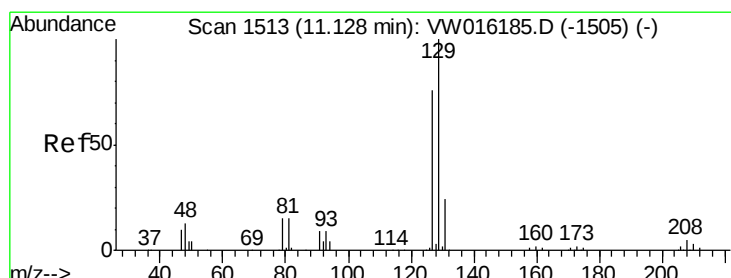
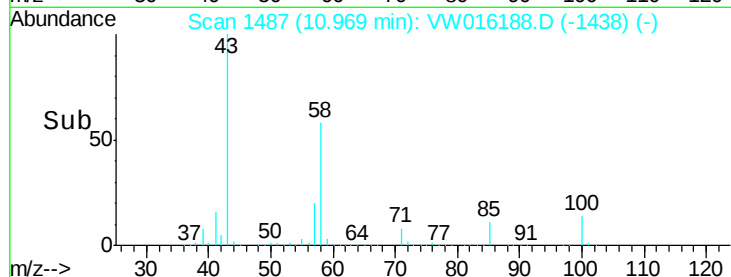
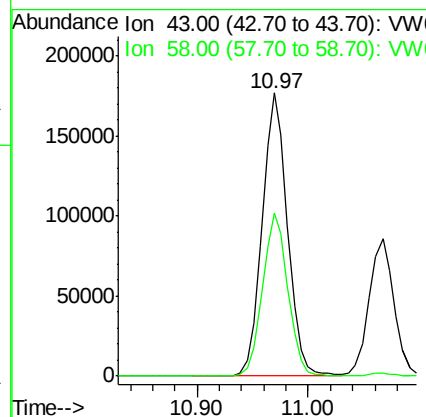
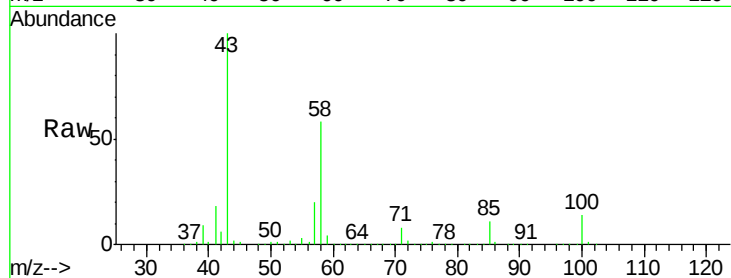
#59
2-Hexanone
Concen: 293.871 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion: 43 Resp: 281194
Ion Ratio Lower Upper
43 100
58 57.4 28.8 86.5

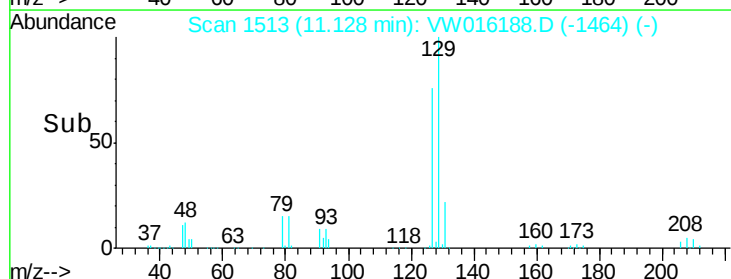
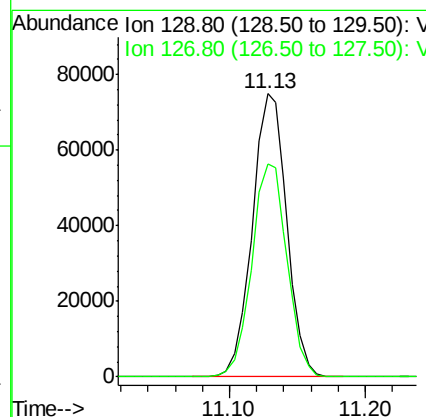
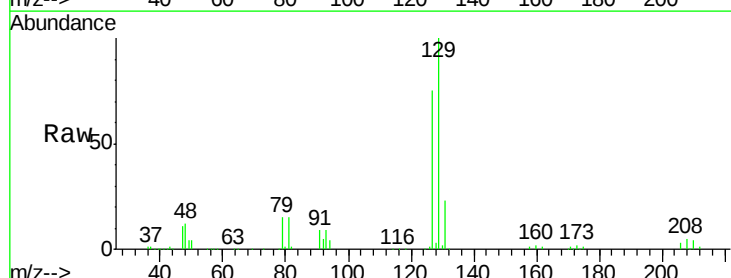
Manual Integrations
APPROVED

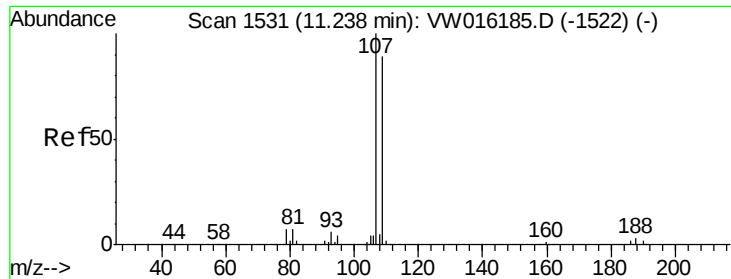
MMDadoda
8/17/2020 5:46:33 PM



#60
Dibromochloromethane
Concen: 52.235 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion: 129 Resp: 133086
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.8





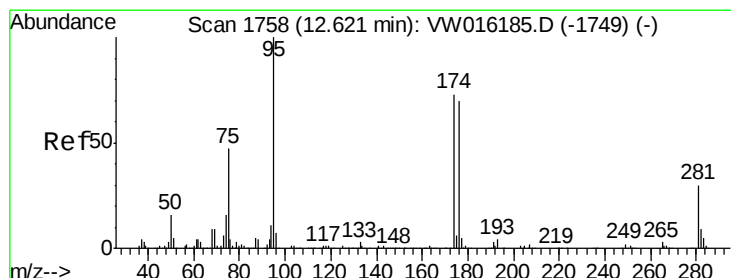
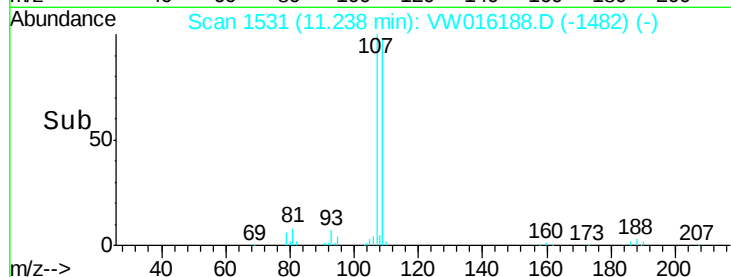
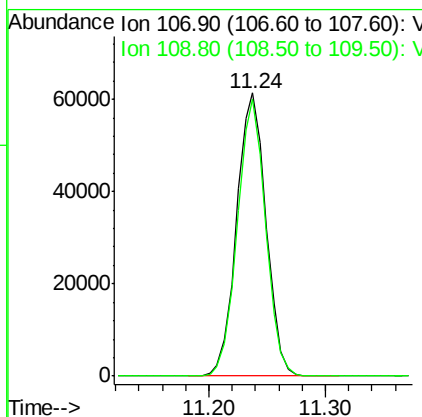
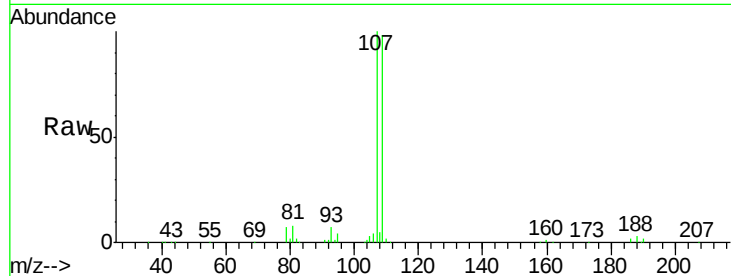
#61
 1,2-Dibromoethane
 Concen: 52.242 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	74.7	112.1

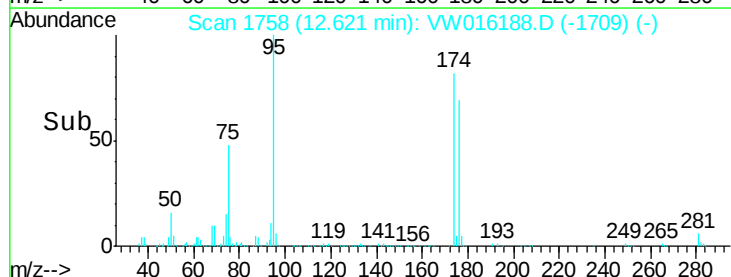
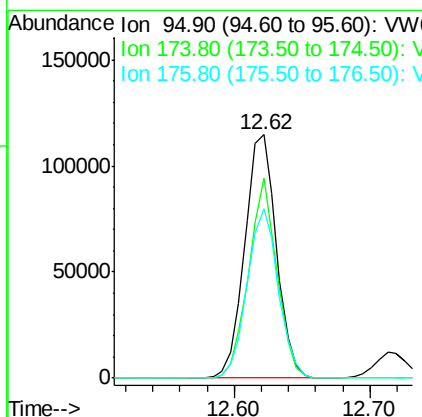
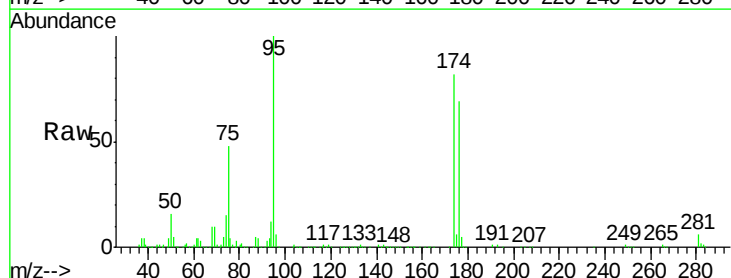
Manual Integrations
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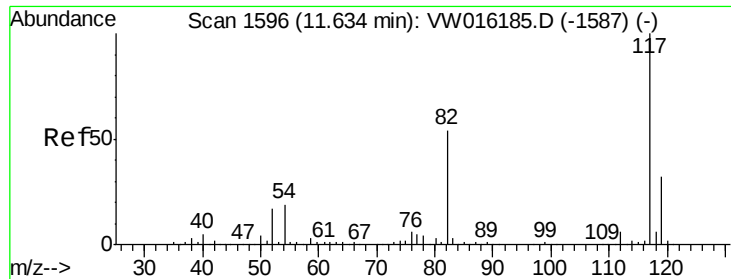
MMDadoda
 8/17/2020 5:46:33 PM



#62
 4-Bromofluorobenzene
 Concen: 50.339 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	145.6
176	68.5	0.0	137.8





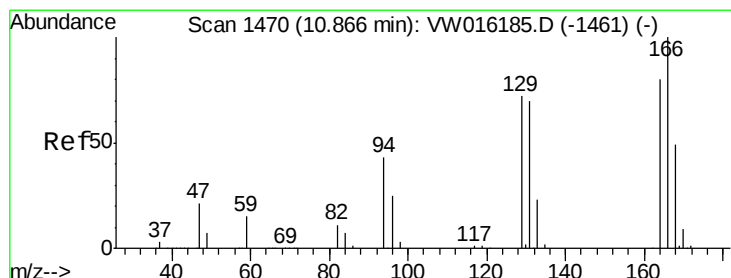
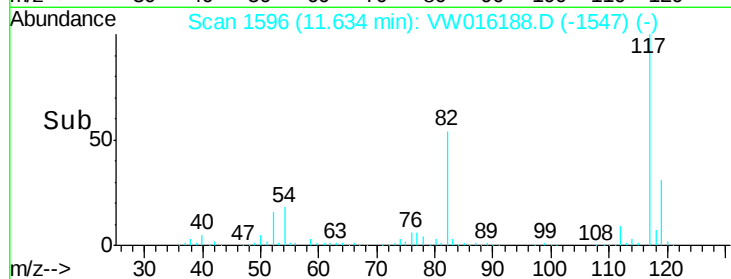
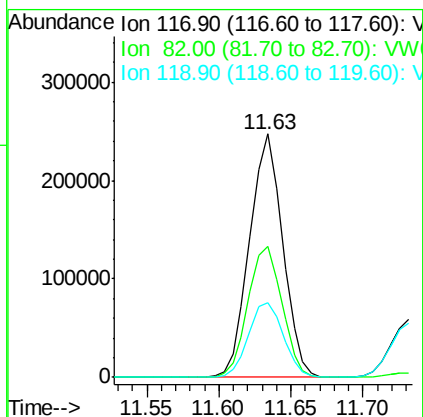
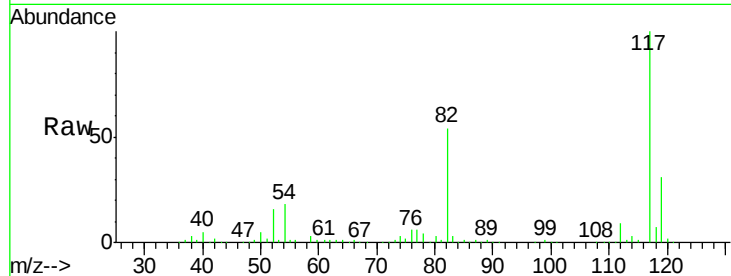
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Resp	Lower	Upper
117	100	394861		
82	54.0	43.6	65.4	
119	30.8	25.4	38.0	

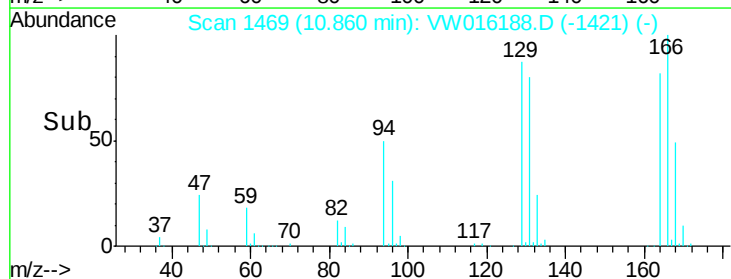
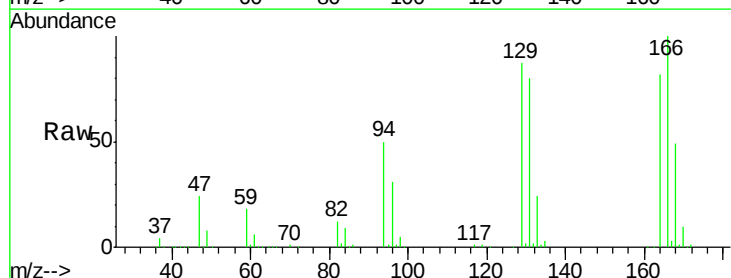
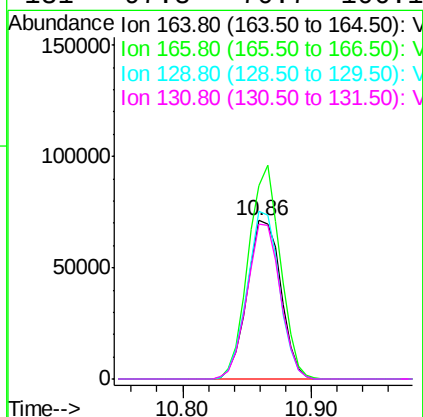
Manual Integrations
APPROVED

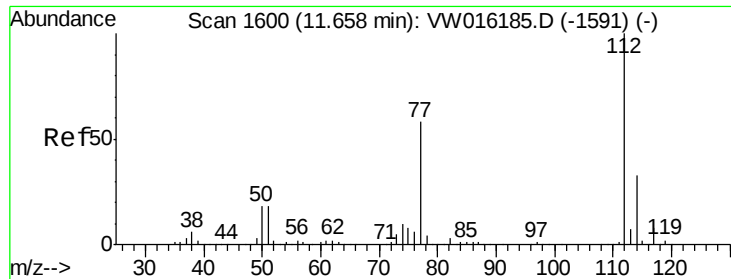
MMDadoda
8/17/2020 5:46:33 PM



#64
Tetrachloroethene
Concen: 49.660 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128664		
166	121.8	100.3	150.5	
129	106.2	72.2	108.4	
131	97.8	70.7	106.1	





#65

Chlorobenzene

Concen: 50.438 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

Tot Ion:112 Resp: 408204

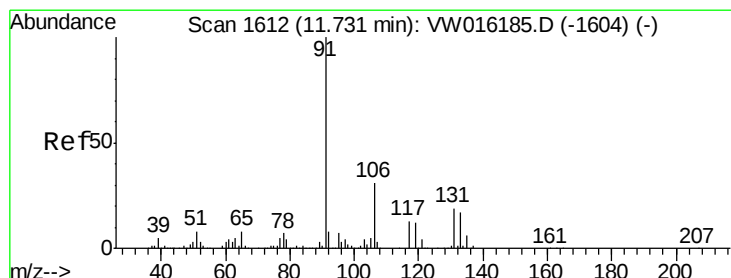
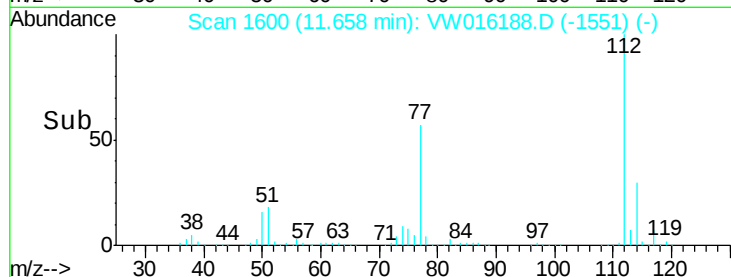
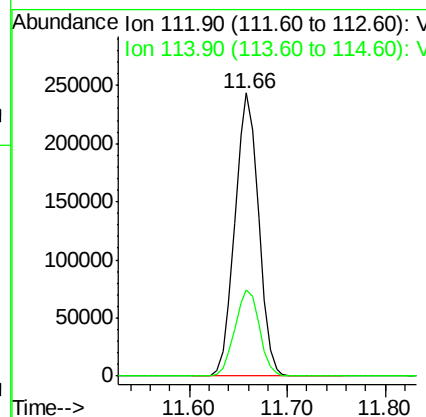
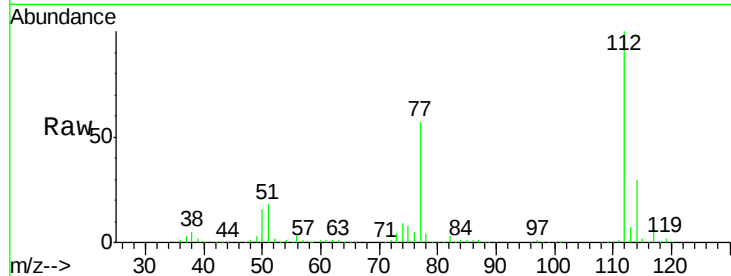
Ion Ratio Lower Upper

112 100

114 30.3 26.6 39.8

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 49.796 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

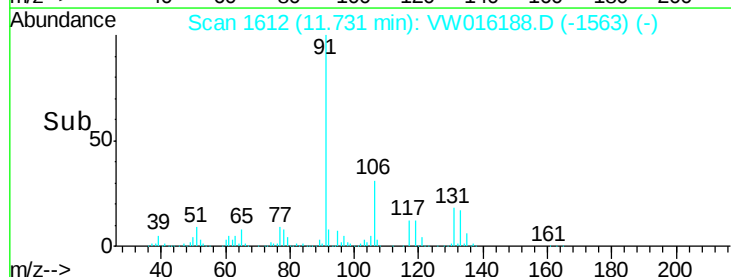
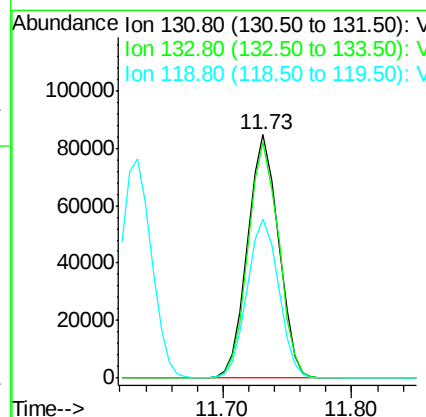
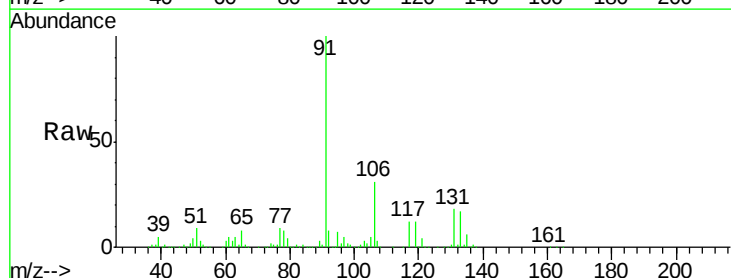
Tgt Ion:131 Resp: 140868

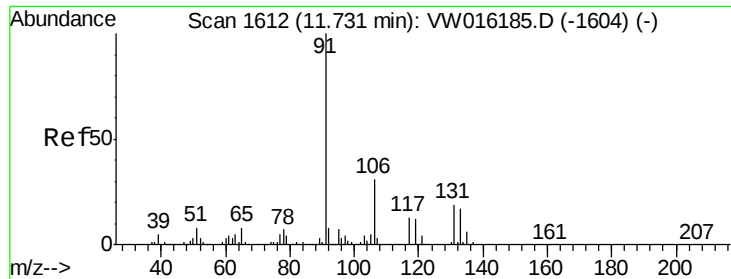
Ion Ratio Lower Upper

131 100

133 95.7 47.1 141.3

119 66.7 33.1 99.3





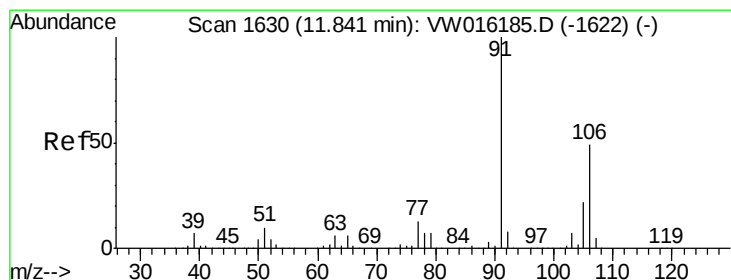
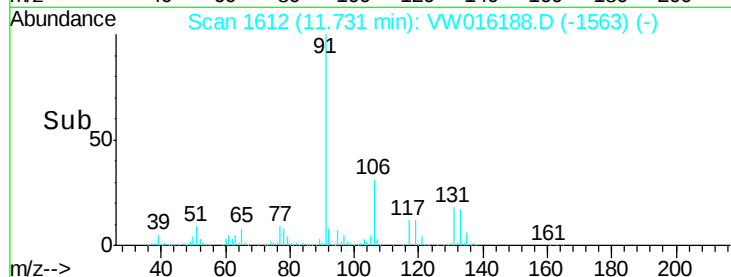
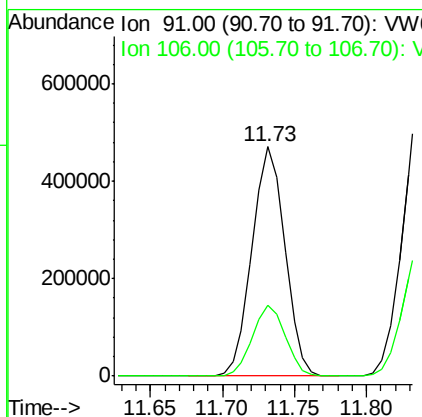
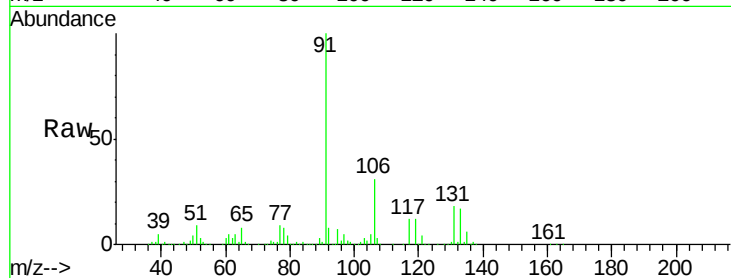
#67
Ethyl Benzene
Concen: 51.138 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion: 91 Resp: 743818
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

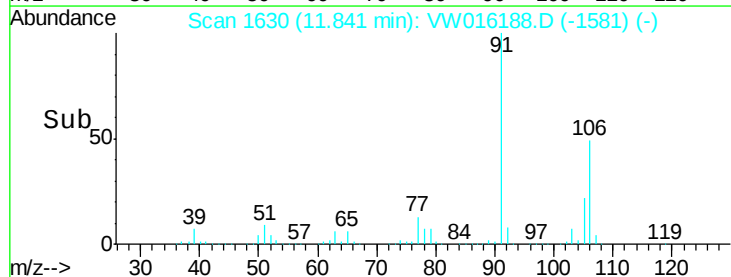
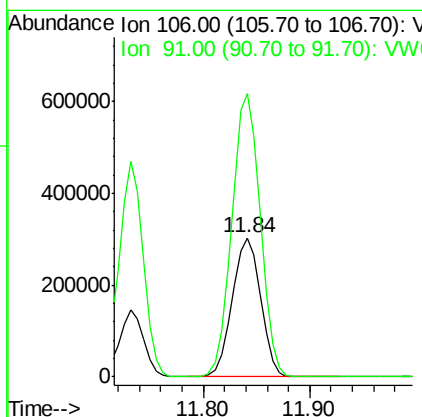
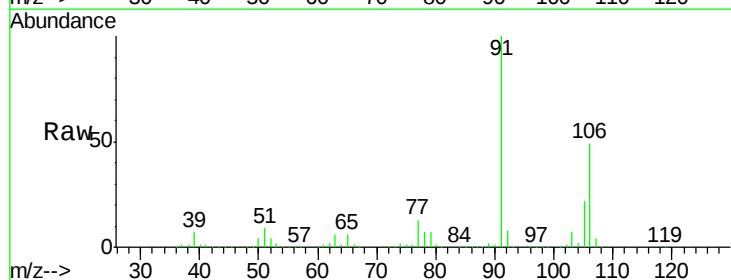
Manual Integrations
APPROVED

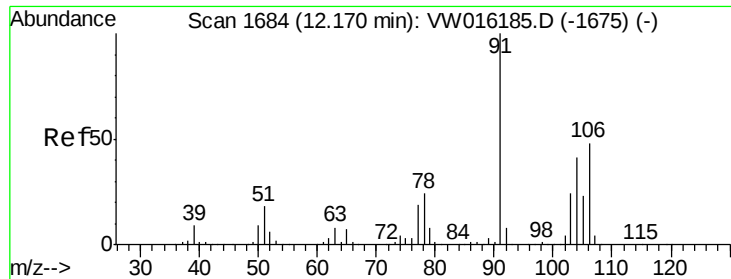
MMDadoda
8/17/2020 5:46:33 PM



#68
m/p-Xylenes
Concen: 101.461 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion: 106 Resp: 567241
Ion Ratio Lower Upper
106 100
91 203.4 161.4 242.2





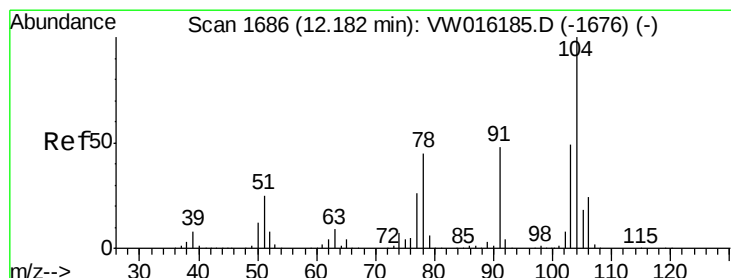
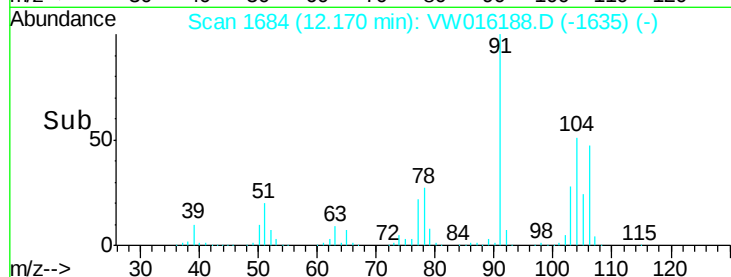
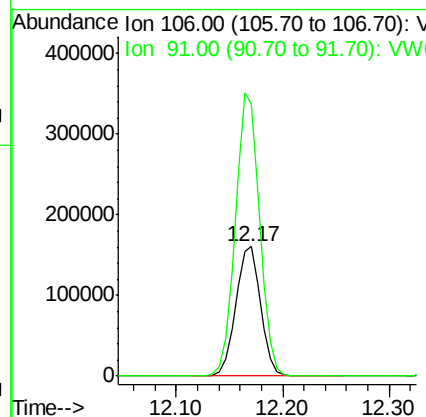
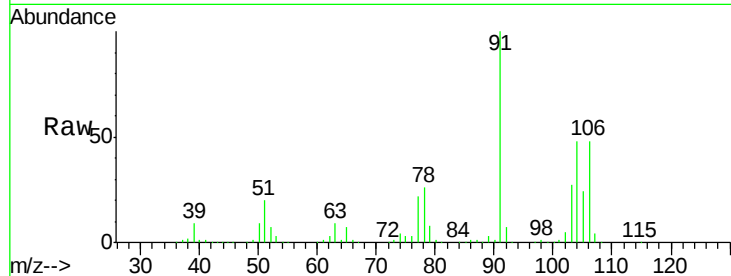
#69
o-Xylene
Concen: 52.709 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.1	106.0	317.9

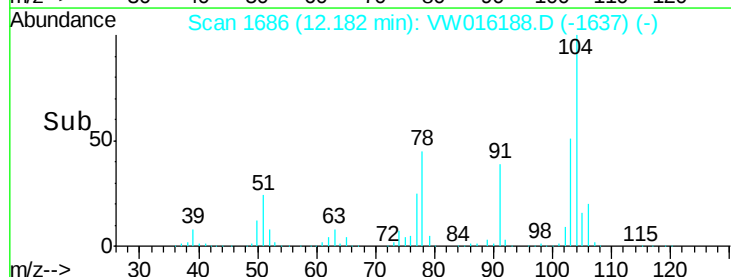
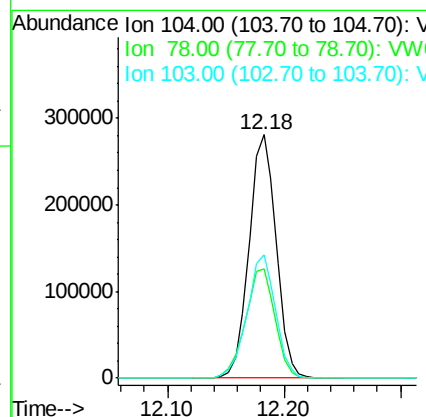
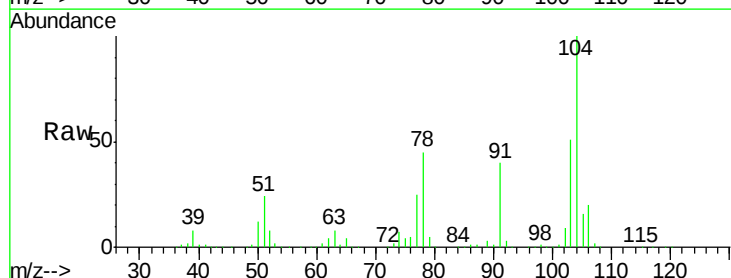
Manual Integrations
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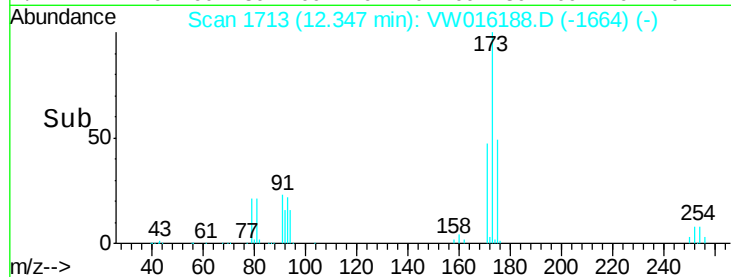
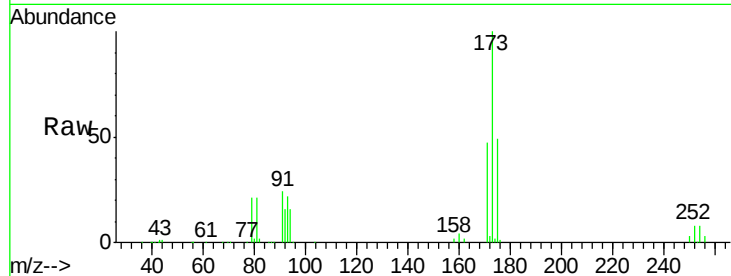
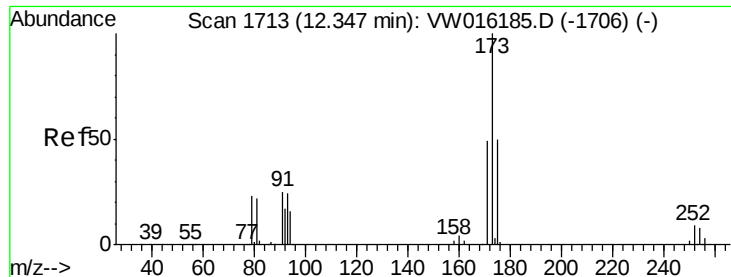
MMDadoda
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#70
Styrene
Concen: 53.039 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	39.4	59.2
103	53.4	42.9	64.3





#71

Bromoform

Concen: 55.847 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.7	74.1
254	0.1	0.0	0.0

Instrument :

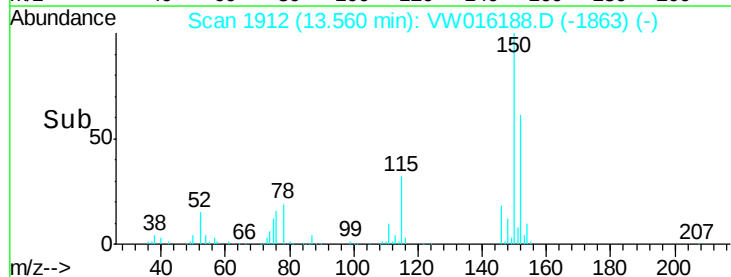
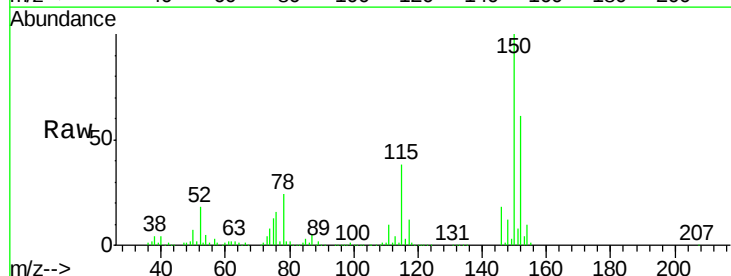
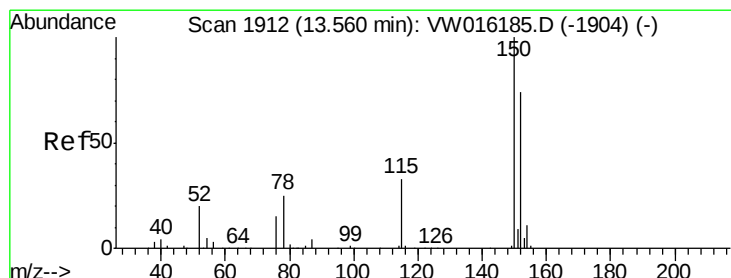
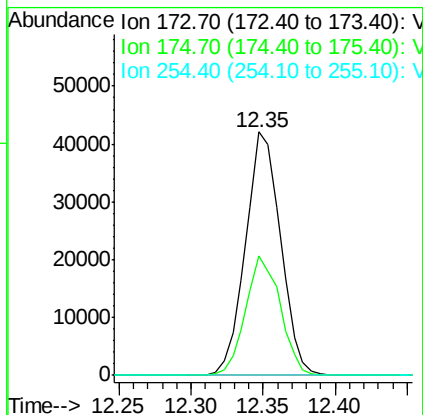
MSVOA_W

ClientSampleId :

ICVW081420

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

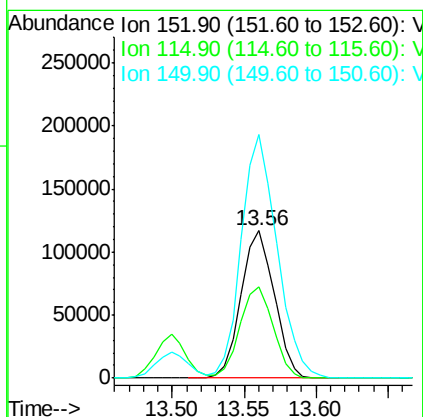
RT: 13.56 min Scan# 1912

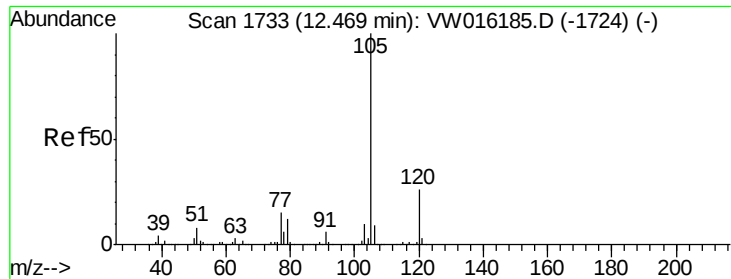
Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	30.9	92.5
150	178.1	0.0	337.8





#73

Isopropylbenzene

Concen: 51.813 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

Tot Ion: 105 Resp: 736021

Ion Ratio Lower Upper

105 100

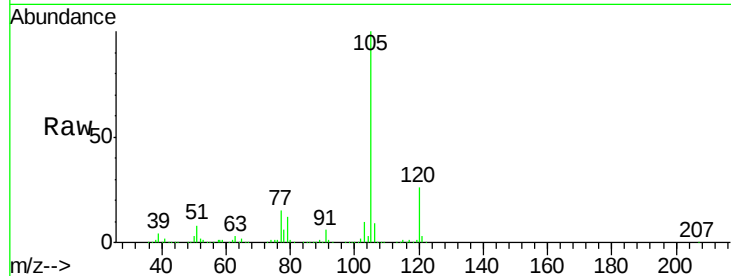
120 25.9 13.2 39.6

Manual Integrations

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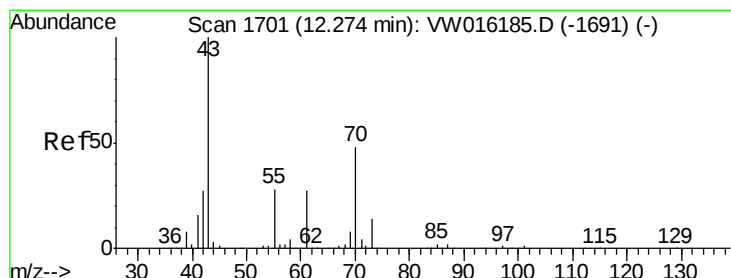
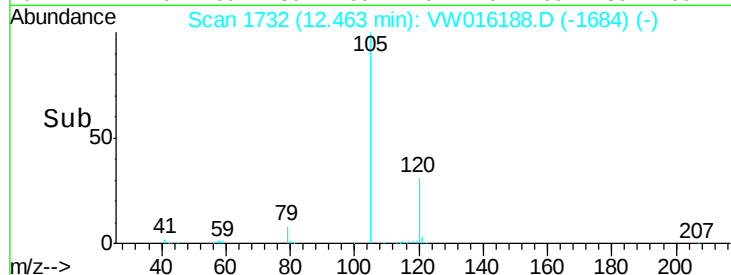
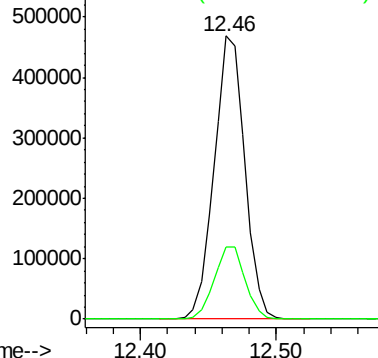
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.127 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Tgt Ion: 43 Resp: 145329

Ion Ratio Lower Upper

43 100

70 47.0 38.6 58.0

55 26.3 22.2 33.2

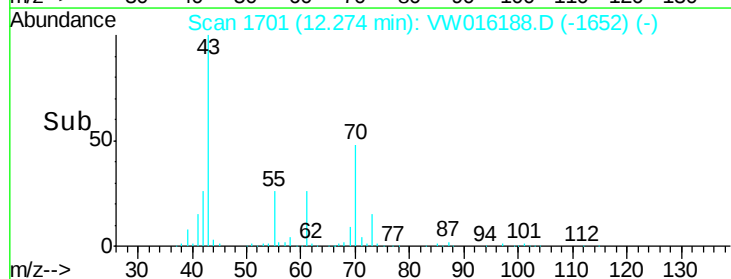
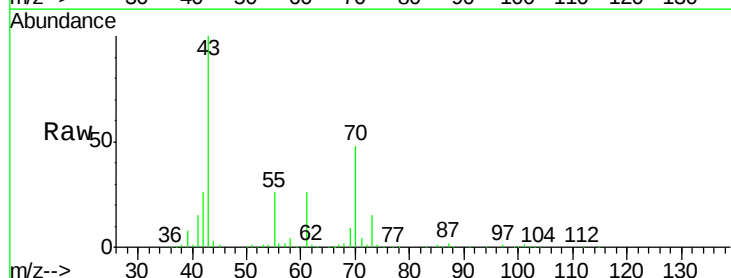
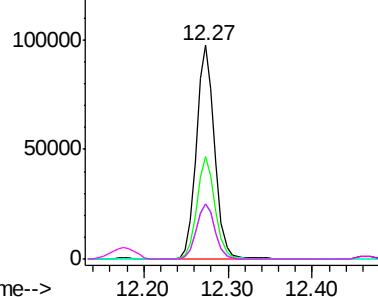
61 26.3 21.3 31.9

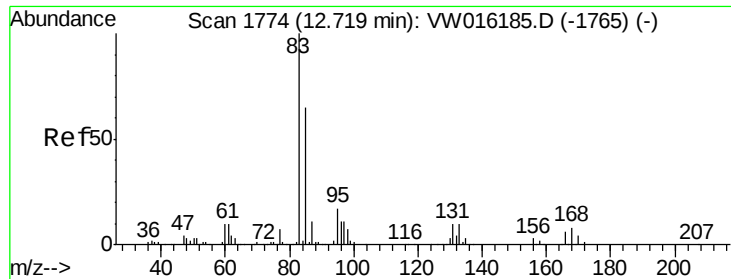
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 51.844 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

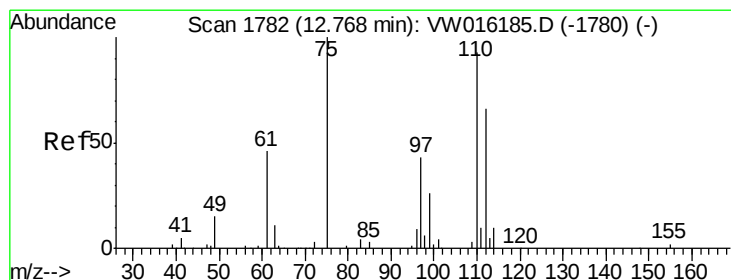
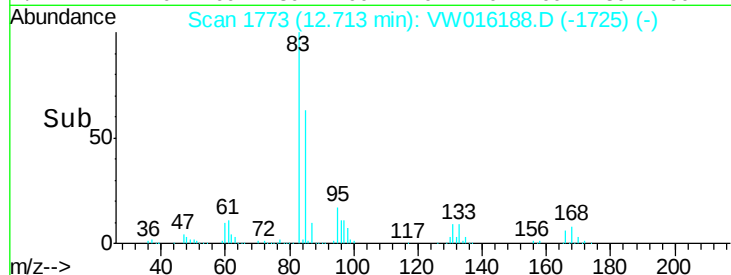
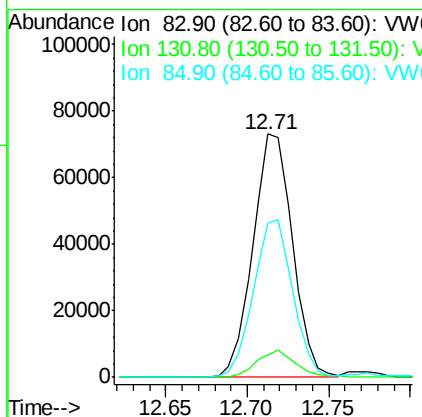
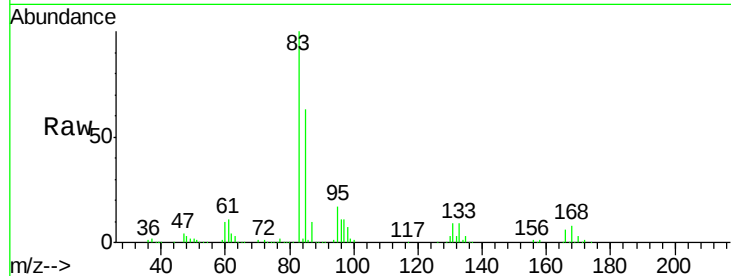
ClientSampleId :

ICVW081420

Tot Ion:	83	Resp:	123232
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	64.0	31.3	93.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.036 ug/l m

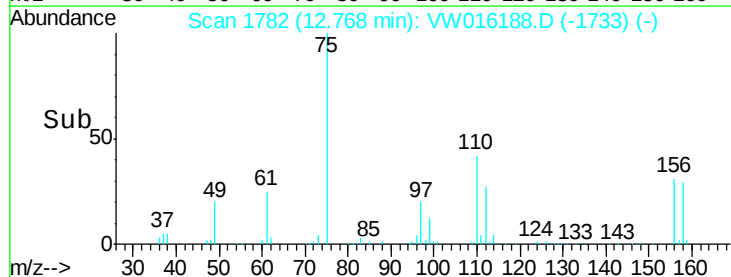
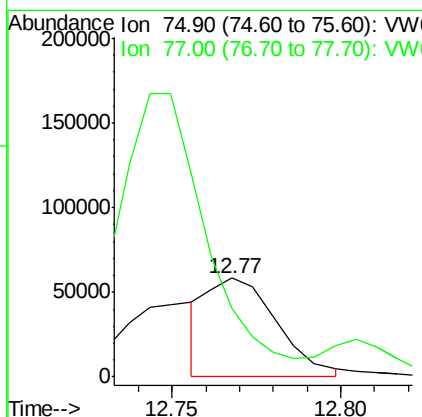
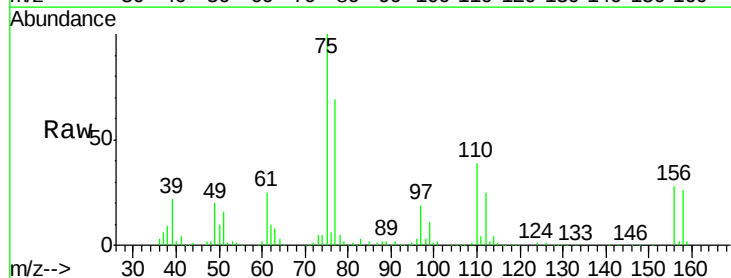
RT: 12.77 min Scan# 1782

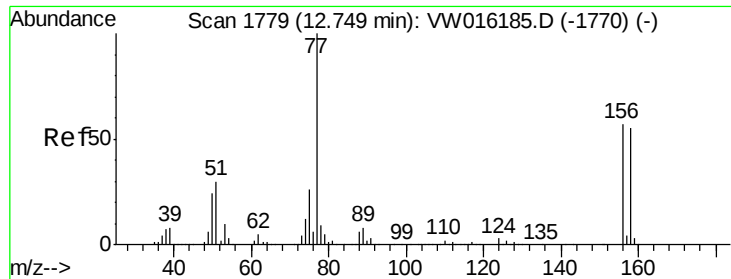
Delta R.T. 0.00 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Tgt Ion:	75	Resp:	84067
Ion Ratio	Lower	Upper	
75	100		
77	365.6	173.6	520.6





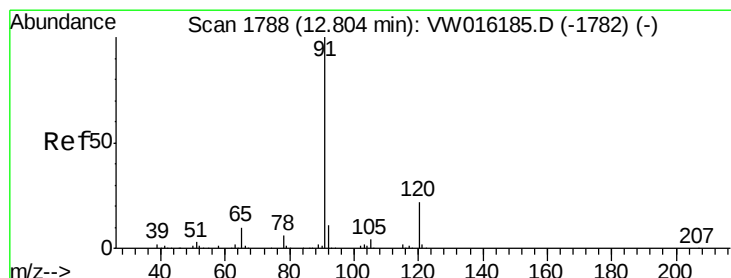
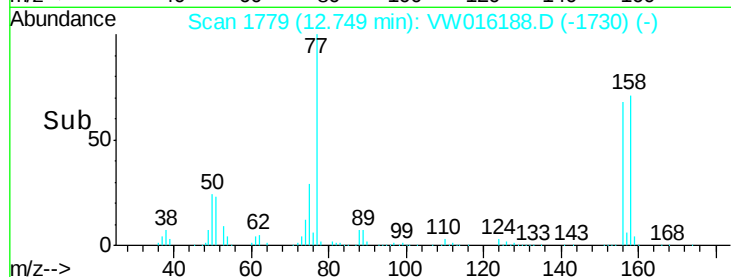
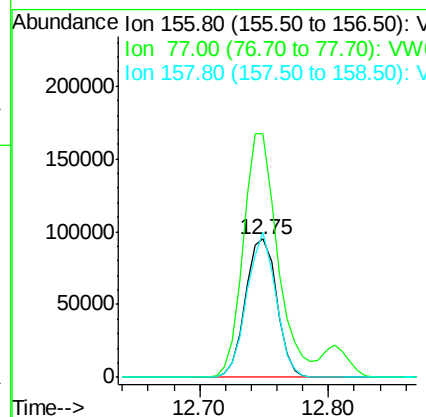
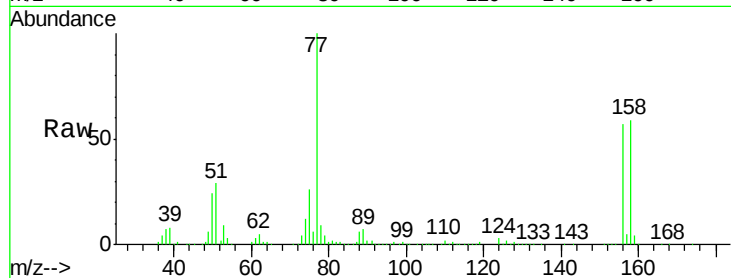
#77
Bromobenzene
Concen: 50.876 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Resp	Lower	Upper
156	100	159852		
77	192.3	97.9	293.6	
158	96.9	49.0	147.2	

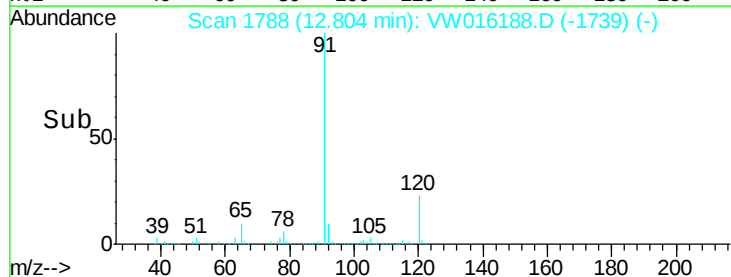
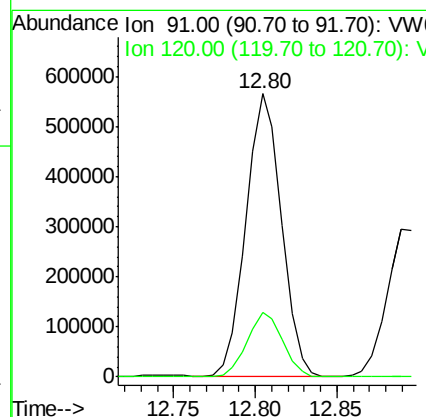
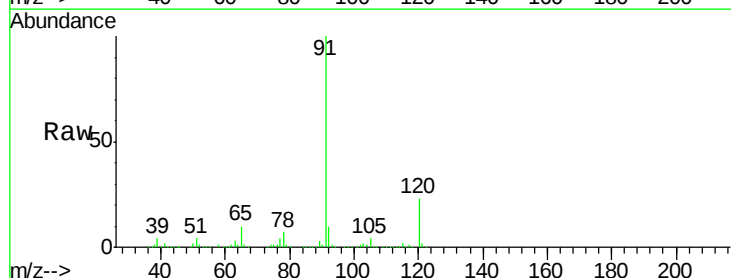
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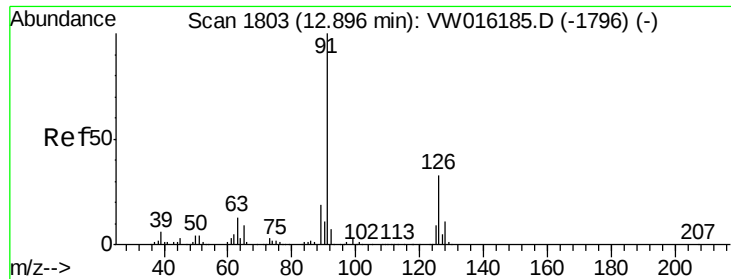
MMDadoda
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#78
n-propylbenzene
Concen: 50.627 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	858425		
120	22.8	11.6	34.7	





#79

2-Chlorotoluene

Concen: 50.290 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW016188.D

Acq: 14 Aug 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

ICVW081420

Tot Ion: 91 Resp: 492584

Ion Ratio Lower Upper

91 100

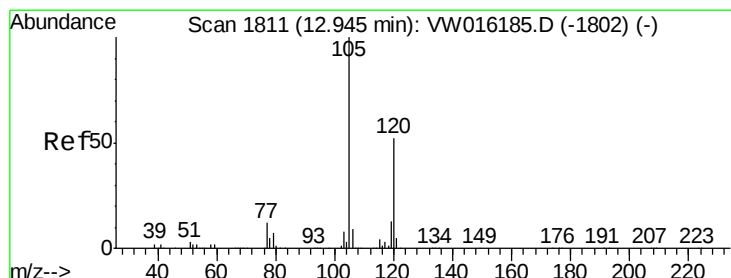
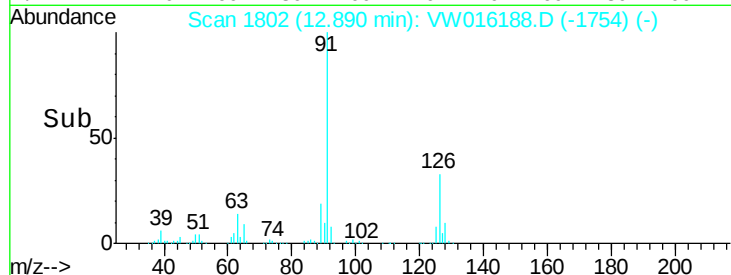
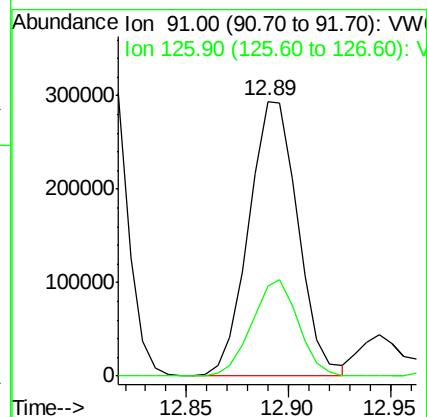
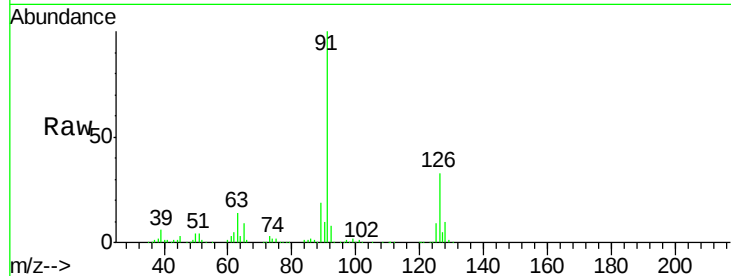
126 33.2 16.4 49.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.601 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016188.D

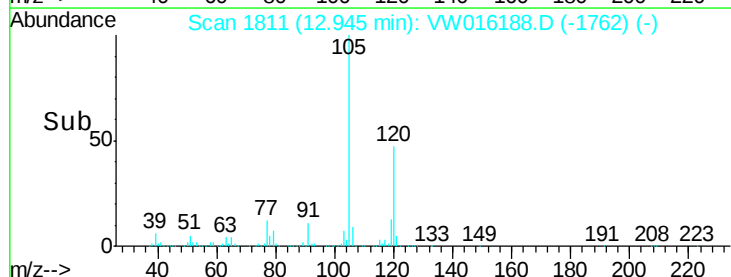
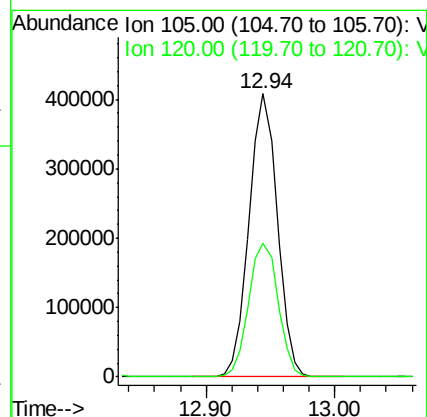
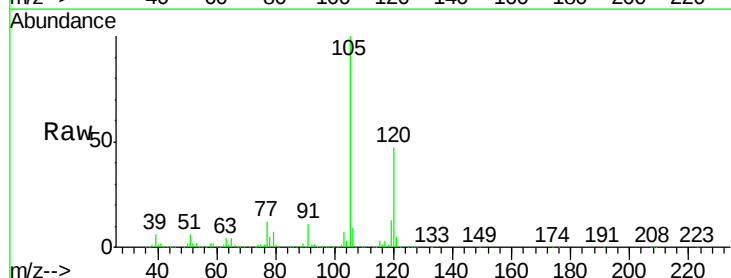
Acq: 14 Aug 2020 13:18

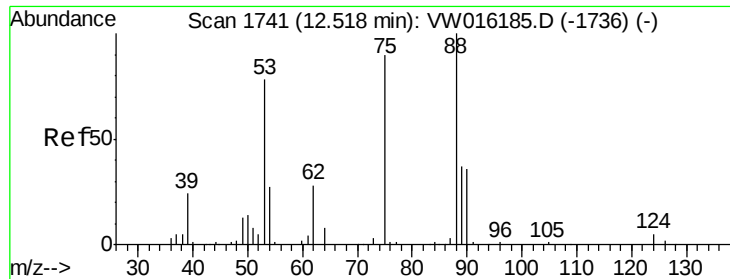
Tgt Ion:105 Resp: 617044

Ion Ratio Lower Upper

105 100

120 49.4 25.1 75.2





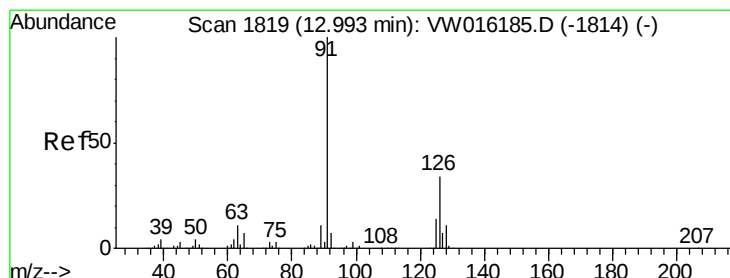
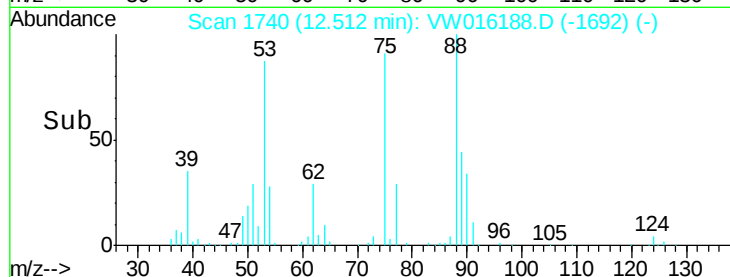
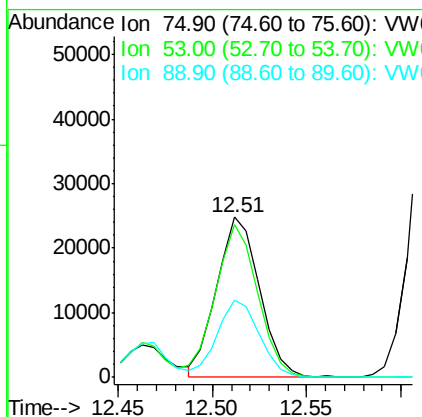
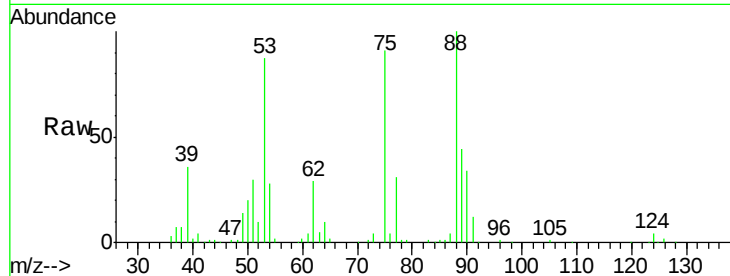
#81
trans-1,4-Dichloro-2-butene
Concen: 54.252 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.3	74.6	111.8
89	48.2	37.2	55.8

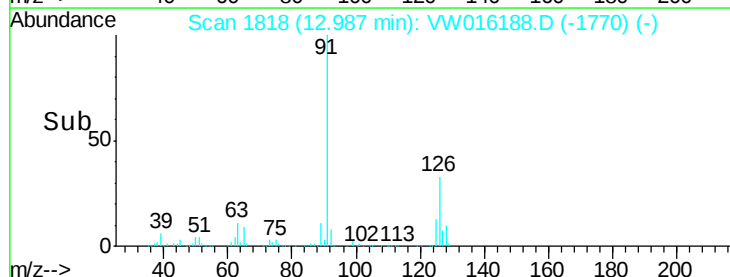
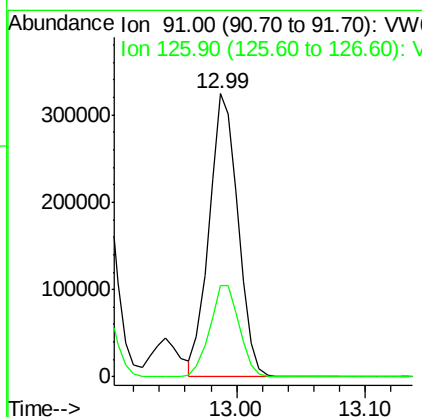
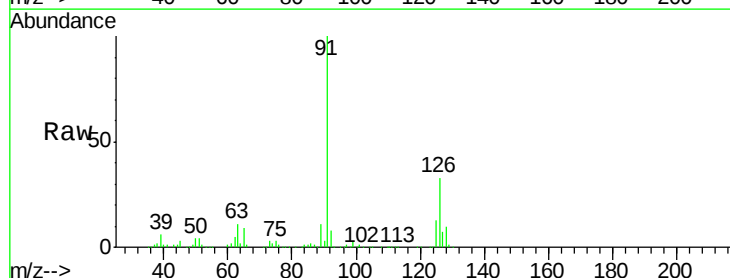
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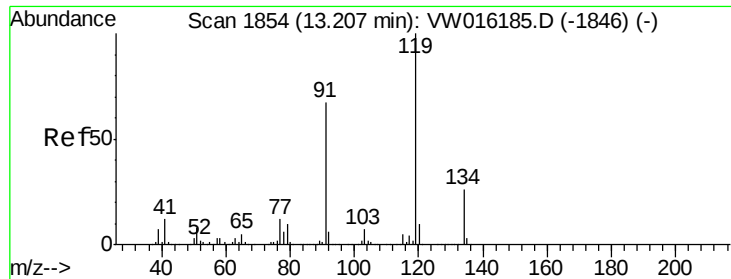
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#82
4-Chlorotoluene
Concen: 49.806 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.6	49.8





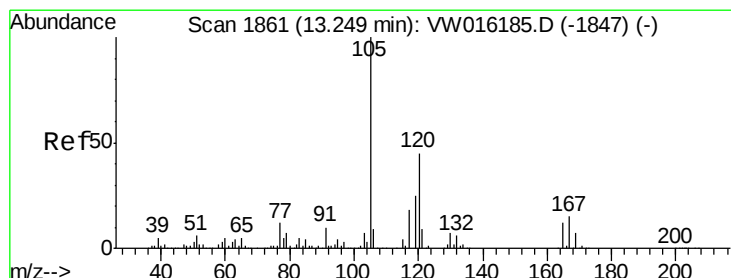
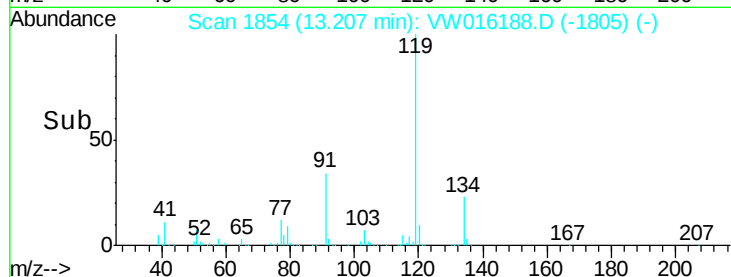
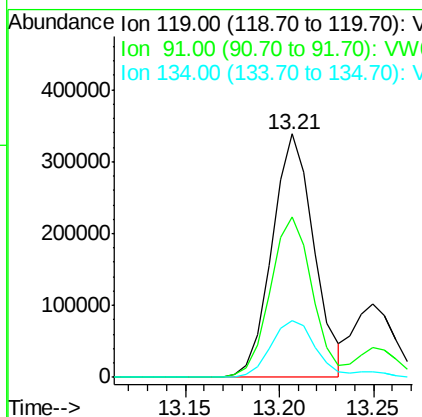
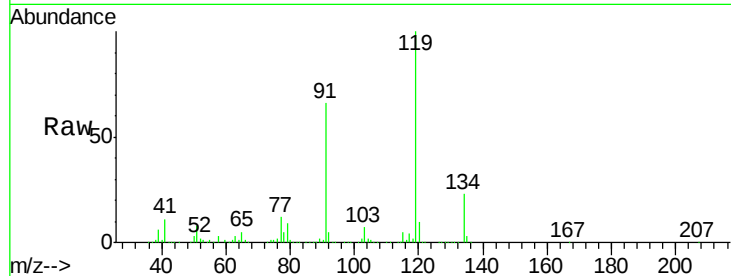
#83
tert-Butylbenzene
Concen: 52.316 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Resp	Lower	Upper
119	100	522839		
91	65.8		33.3	99.9
134	24.7		13.5	40.5

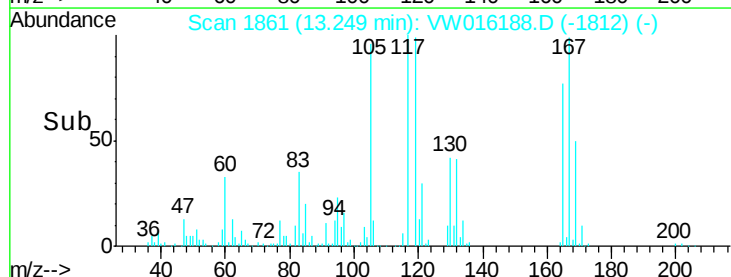
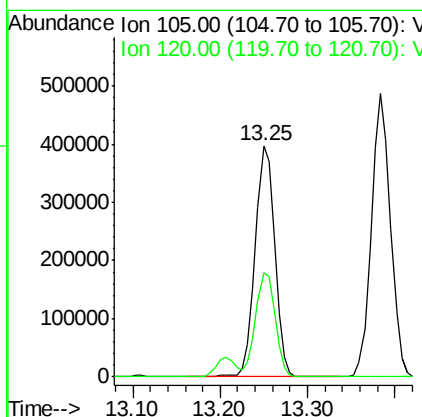
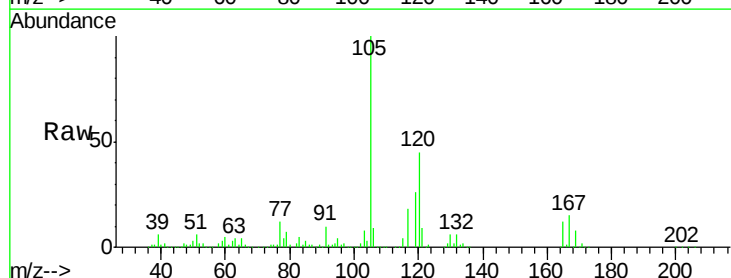
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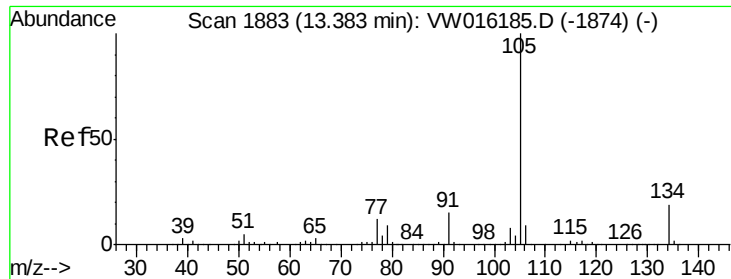
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#84
1,2,4-Trimethylbenzene
Concen: 51.257 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	618511		
120	45.2		22.2	66.6





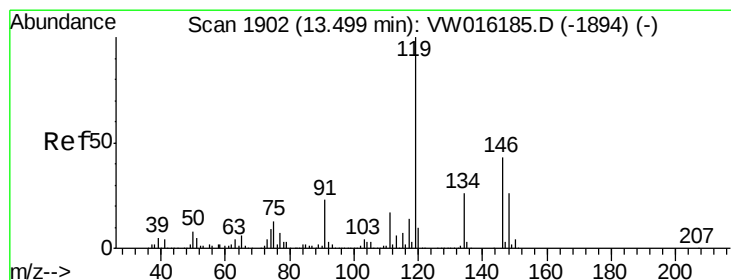
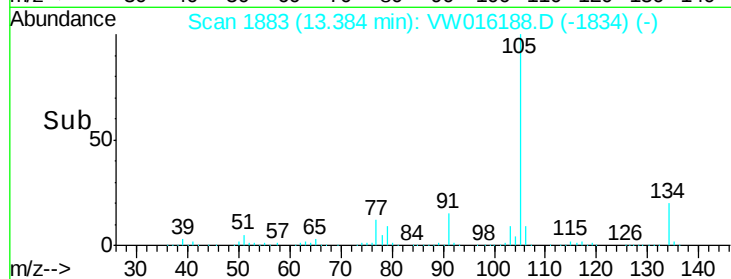
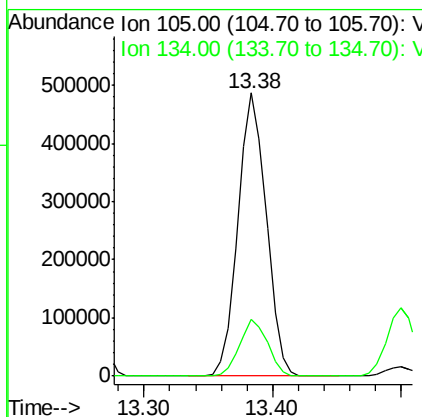
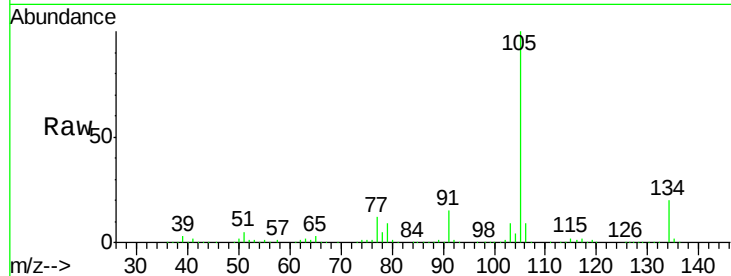
#85
 sec-Butylbenzene
 Concen: 50.904 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW081420

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.4

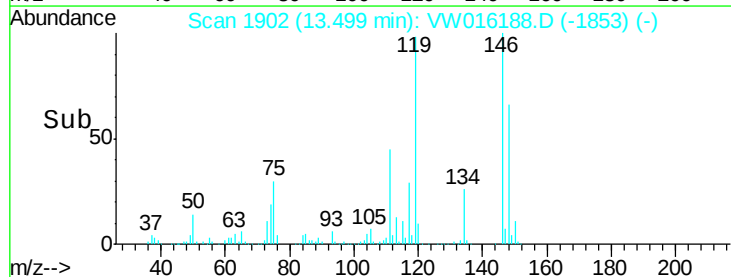
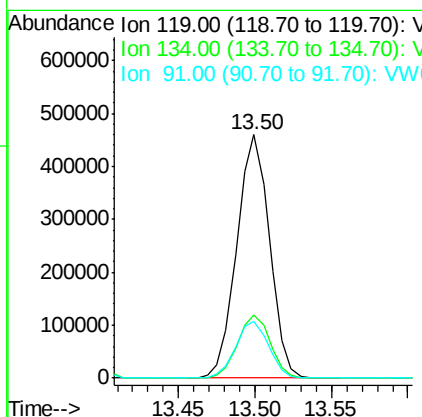
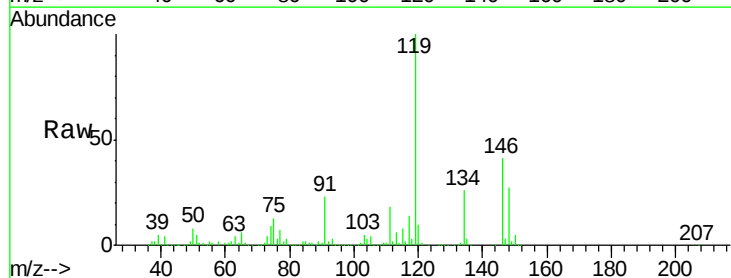
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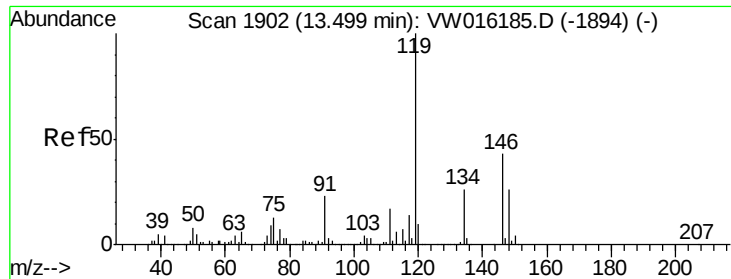
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#86
 p-Isopropyltoluene
 Concen: 51.920 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.8	38.4
91	23.3	11.8	35.3





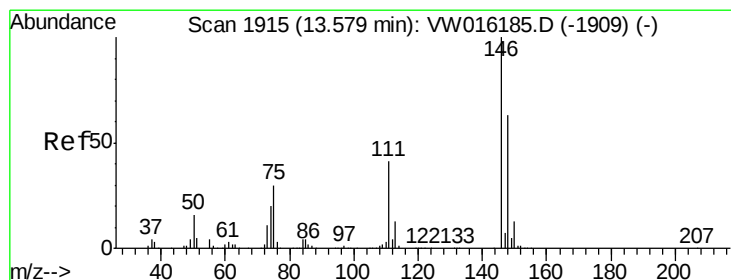
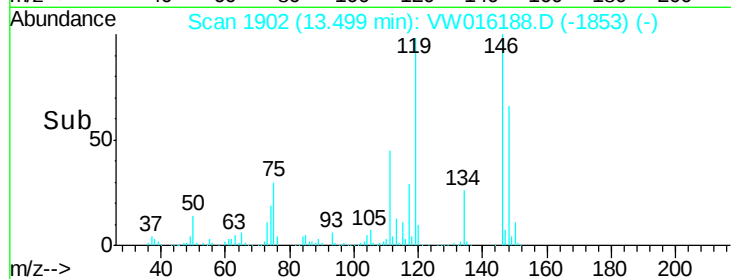
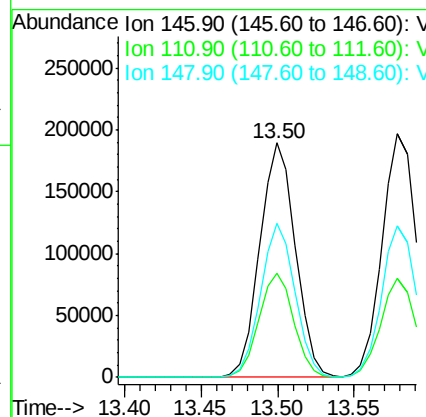
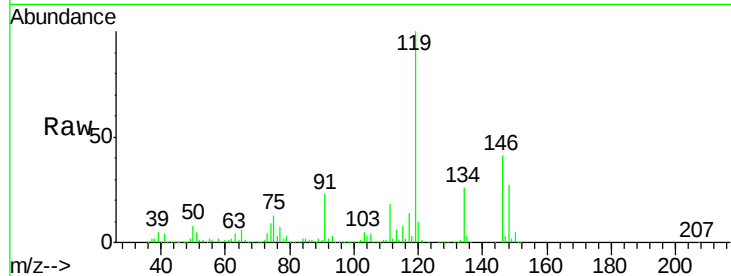
#87
 1,3-Dichlorobenzene
 Concen: 48.826 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

Tot Ion	Ratio	Resp	Lower	Upper
146	100	307232		
111	43.5	20.8	62.5	
148	63.7	31.1	93.5	

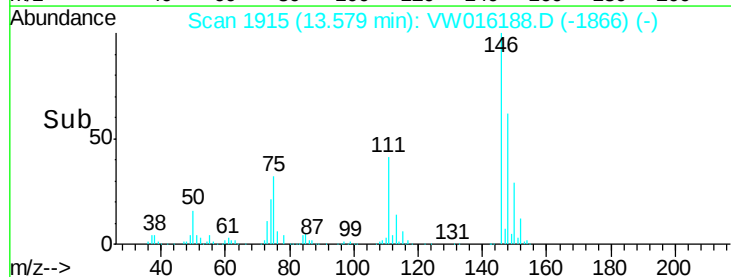
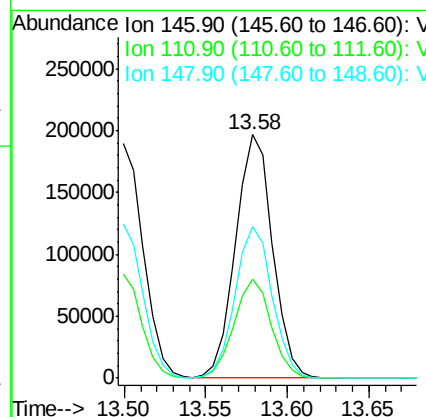
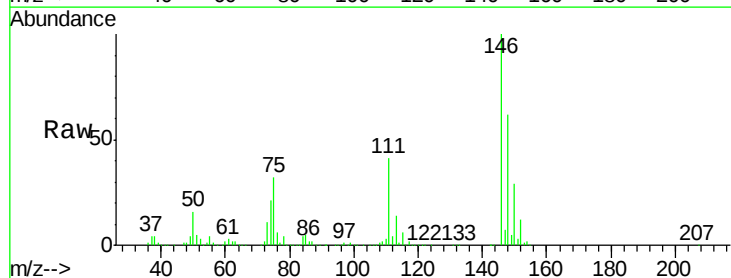
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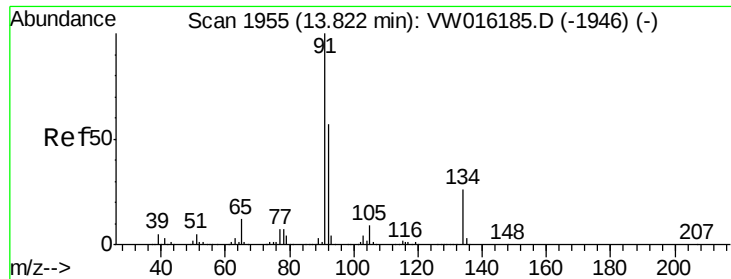
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#88
 1,4-Dichlorobenzene
 Concen: 50.072 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	310251		
111	40.8	20.8	62.2	
148	62.8	32.1	96.3	





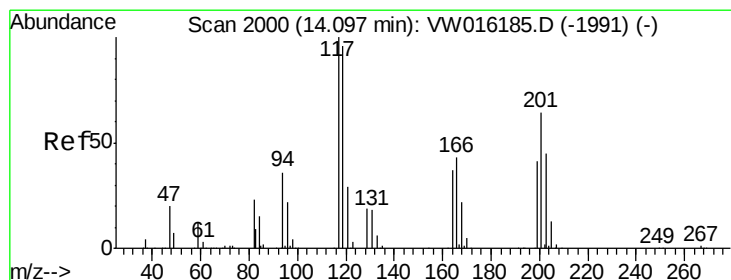
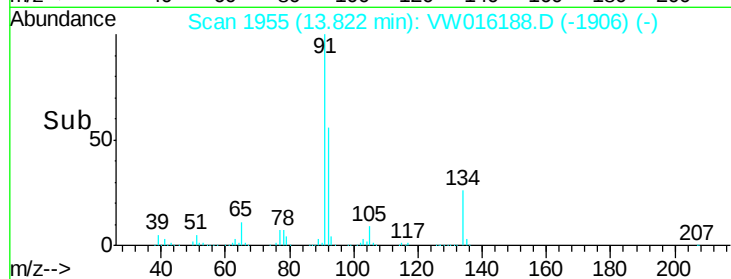
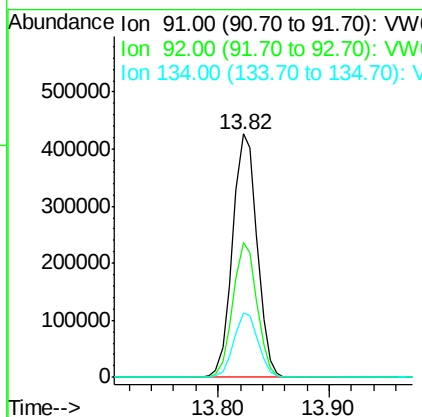
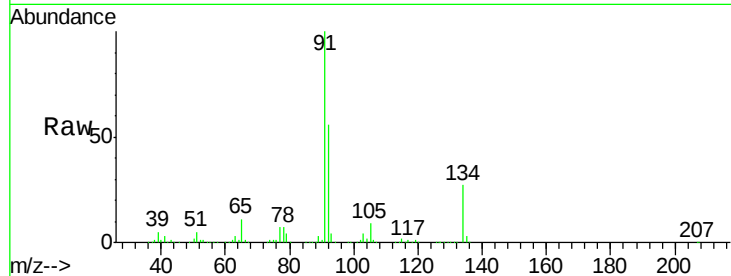
#89
n-Butylbenzene
Concen: 53.346 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.2
134	26.2	13.0	39.0

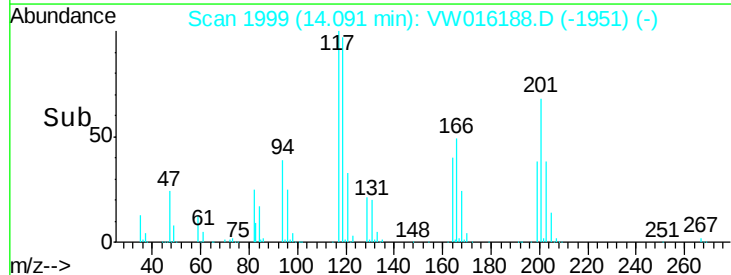
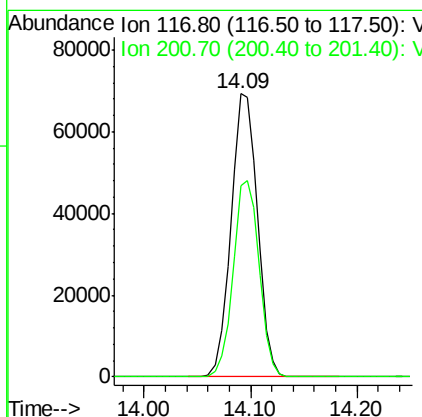
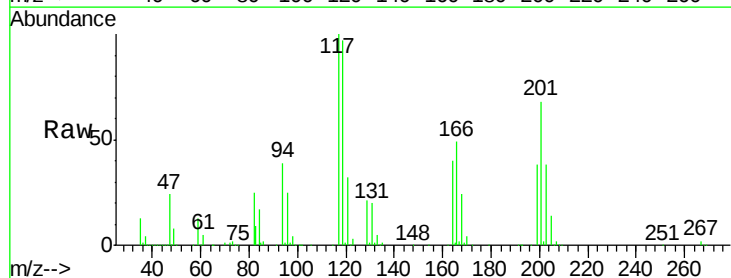
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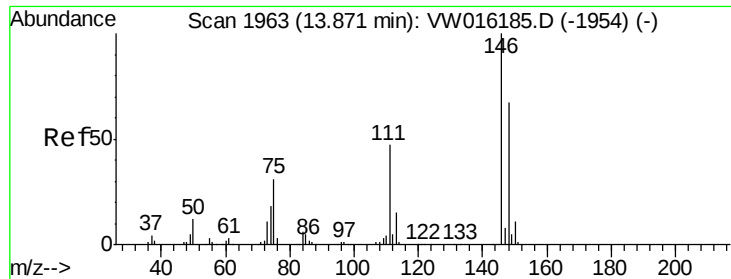
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#90
Hexachloroethane
Concen: 49.510 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.7	33.8	101.3





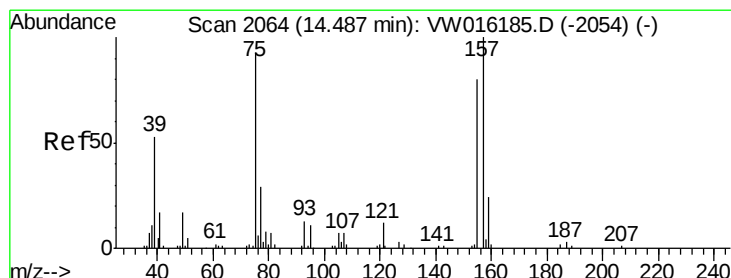
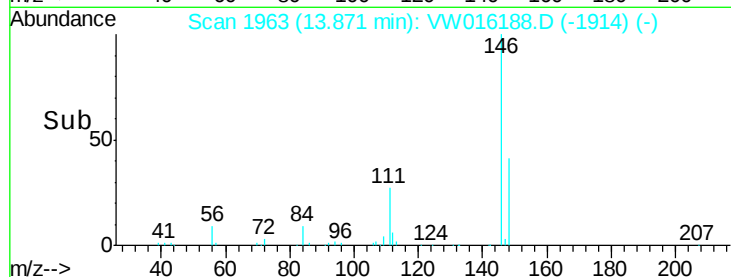
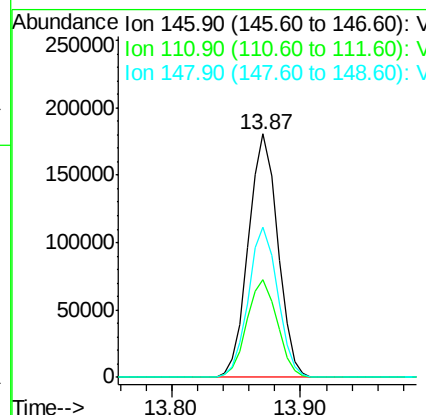
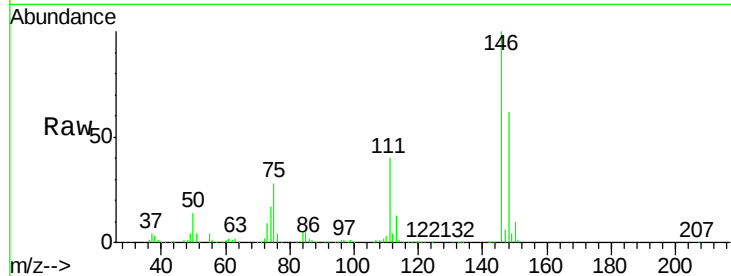
#91
 1,2-Dichlorobenzene
 Concen: 51.800 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

Tot Ion	Ratio	Resp	Lower	Upper
146	100	284172		
111	41.4	21.9	65.8	
148	61.8	32.1	96.3	

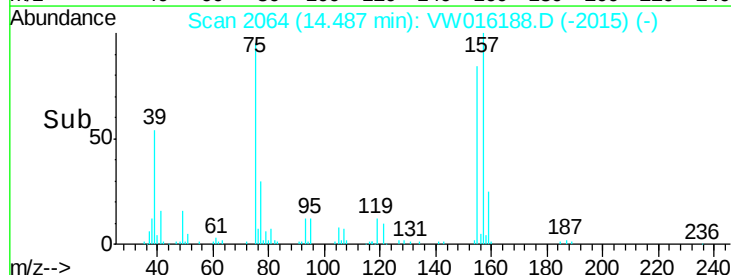
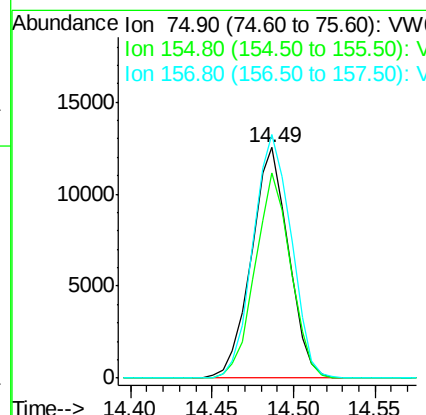
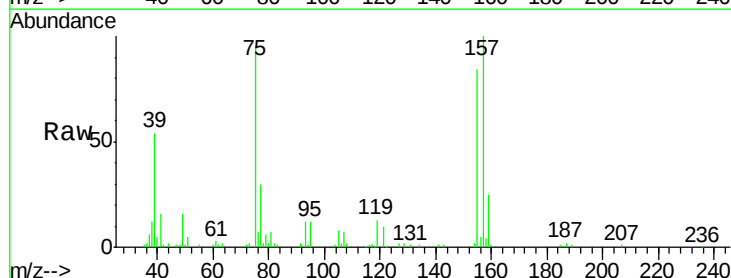
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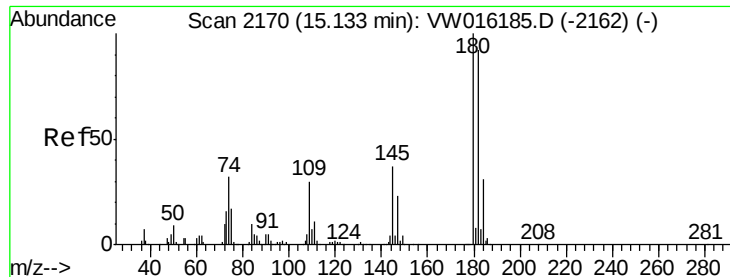
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.459 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19899		
155	85.1	41.3	124.1	
157	108.2	53.0	159.0	





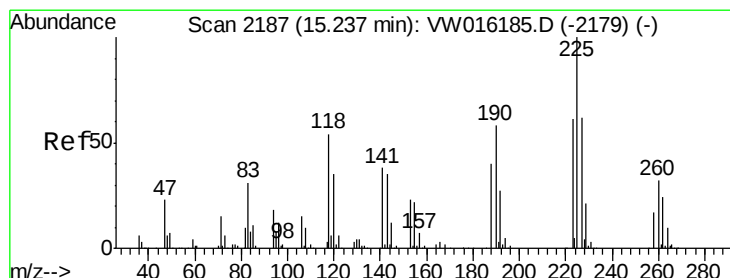
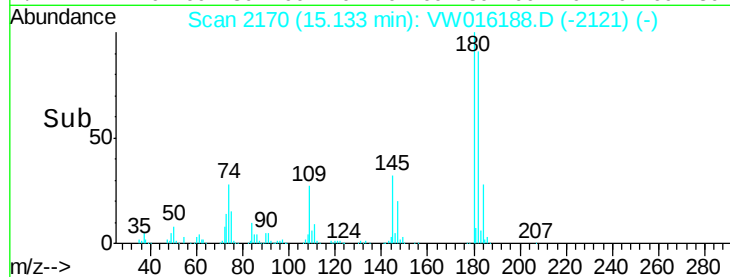
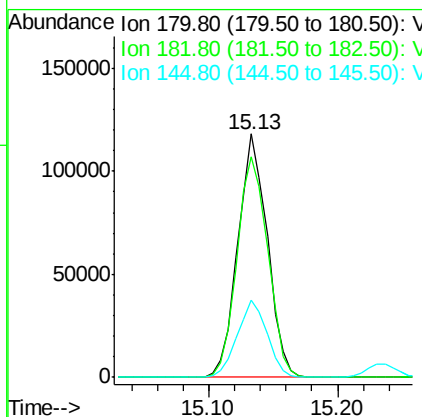
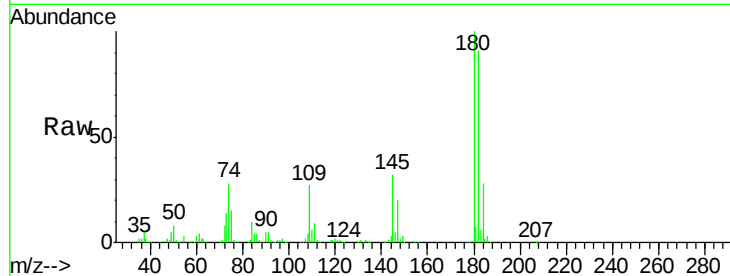
#93
 1,2,4-Trichlorobenzene
 Concen: 57.200 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

Tot Ion	Ratio	Resp	Lower	Upper
180	100	187125		
182	94.9	46.0	138.0	
145	32.2	16.9	50.7	

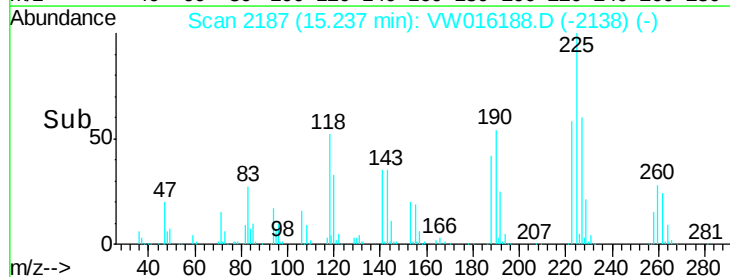
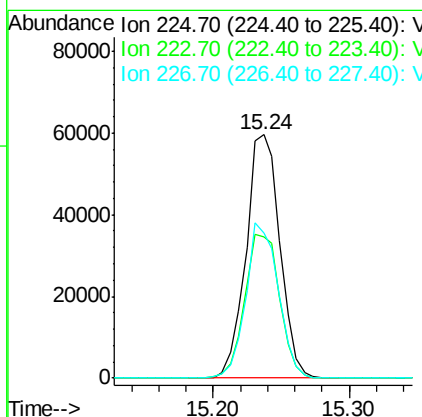
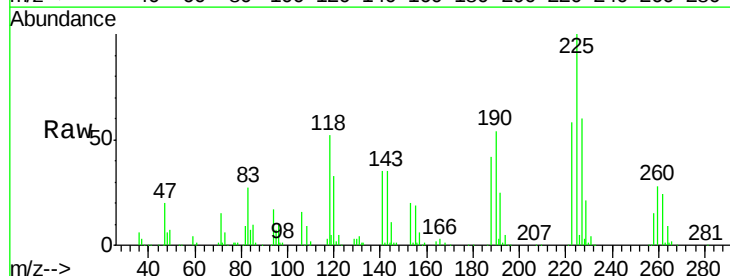
Manual Integrations
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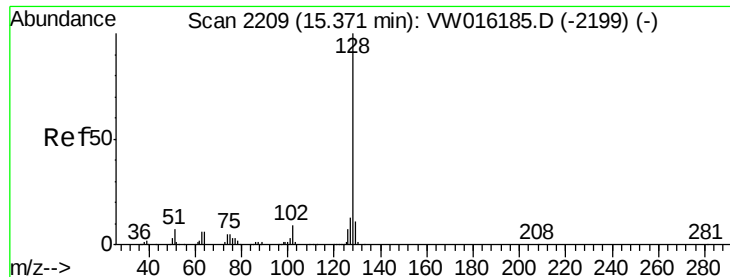
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#94
 Hexachlorobutadiene
 Concen: 53.411 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016188.D
 Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103884		
223	61.1	33.0	99.0	
227	61.1	32.0	96.2	





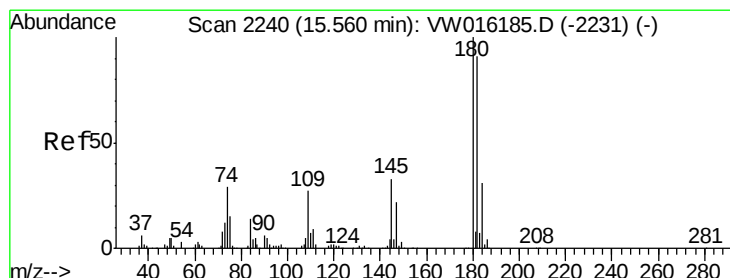
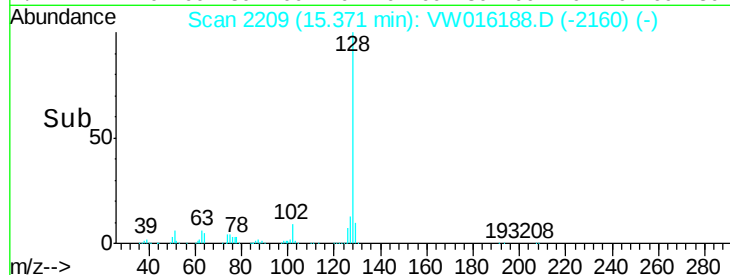
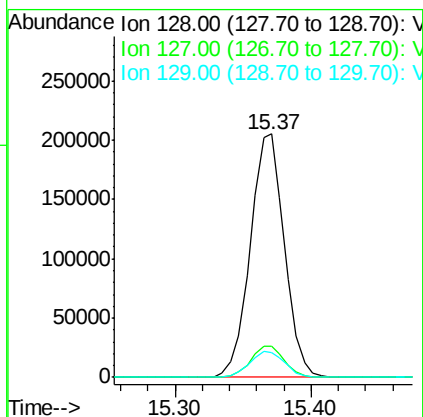
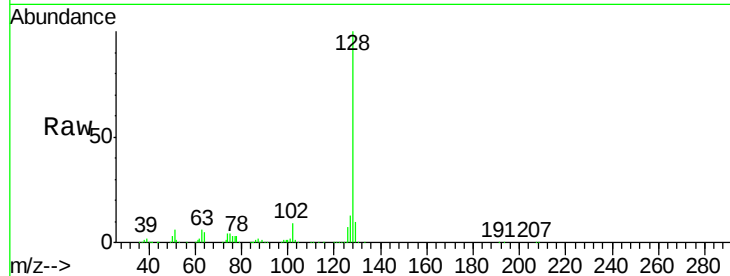
#95
Naphthalene
Concen: 52.394 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
ICVW081420

Tot Ion	Ratio	Resp	Lower	Upper
128	100	360647		
127	12.8	10.2	15.4	
129	10.9	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 57.087 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016188.D
Acq: 14 Aug 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	160383		
182	94.8	47.7	143.1	
145	36.0	17.4	52.3	

