

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016185.D
 Acq On : 14 Aug 2020 11:01
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 5:46:28 PM

Quant Time: Aug 14 11:44:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 14 11:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	439424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	405575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	186875	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	139583	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	7.89	113	142145	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
50) Toluene-d8	10.32	98	558691	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
62) 4-Bromofluorobenzene	12.62	95	200111	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	82821	56.485	ug/l	100
3) Chloromethane	2.21	50	87735	45.192	ug/l	100
4) Vinyl Chloride	2.37	62	127789	43.381	ug/l	100
5) Bromomethane	2.79	94	79326	35.918	ug/l	100
6) Chloroethane	2.93	64	73153	37.627	ug/l	100
7) Trichlorofluoromethane	3.26	101	104091	48.741	ug/l	100
8) Diethyl Ether	3.68	74	68001	50.262	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	135571	52.916	ug/l	100
10) Methyl Iodide	4.26	142	198942	55.261	ug/l	100
11) Tert butyl alcohol	5.23	59	35995	233.738	ug/l	99
12) 1,1-Dichloroethene	4.04	96	139089	54.800	ug/l	100
13) Acrolein	3.90	56	50562	259.429	ug/l	100
14) Allyl chloride	4.67	41	191248	47.948	ug/l	100
15) Acrylonitrile	5.38	53	138747	263.779	ug/l	100
16) Acetone	4.15	43	142346	272.679	ug/l	100
17) Carbon Disulfide	4.38	76	410450	54.554	ug/l	100
18) Methyl Acetate	4.68	43	58881	49.474	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	192337	51.990	ug/l	100
20) Methylene Chloride	4.92	84	154751	49.993	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	155164	53.197	ug/l	100
22) Diisopropyl ether	6.32	45	374663	46.937	ug/l	100
23) Vinyl Acetate	6.26	43	1141251	240.523	ug/l	100
24) 1,1-Dichloroethane	6.22	63	247154	48.300	ug/l	100
25) 2-Butanone	7.18	43	182773	259.095	ug/l	100
26) 2,2-Dichloropropane	7.17	77	155055	48.211	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	159849	51.592	ug/l	100
28) Bromochloromethane	7.51	49	103366	50.173	ug/l	100
29) Tetrahydrofuran	7.54	42	109949	256.695	ug/l	100
30) Chloroform	7.68	83	256412	48.900	ug/l	100
31) Cyclohexane	7.96	56	222947	46.173	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	216966	49.338	ug/l	100
36) 1,1-Dichloropropene	8.09	75	207218	48.282	ug/l	100
37) Ethyl Acetate	7.26	43	79099	47.558	ug/l	100
38) Carbon Tetrachloride	8.07	117	204239	48.944	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	257991	50.725	ug/l	100
40) Benzene	8.33	78	579932	49.091	ug/l	100
41) Methacrylonitrile	7.49	41	45591	48.345	ug/l	100
42) 1,2-Dichloroethane	8.40	62	158437	44.072	ug/l	100
43) Isopropyl Acetate	8.43	43	147168	45.839	ug/l	100
44) Trichloroethene	9.09	130	161082	51.161	ug/l	100
45) 1,2-Dichloropropane	9.37	63	139073	48.122	ug/l	100
46) Dibromomethane	9.46	93	75368	50.346	ug/l	100
47) Bromodichloromethane	9.65	83	188923	49.081	ug/l	100
48) Methyl methacrylate	9.44	41	70156	47.818	ug/l	100
49) 1,4-Dioxane	9.48	88	21518	1146.870	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	380037	241.601	ug/l	100
52) Toluene	10.39	92	382709	50.253	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	185457	50.358	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	226317	51.036	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	105750	50.904	ug/l	100
56) Ethyl methacrylate	10.65	69	136580	53.486	ug/l	100
57) 1,3-Dichloropropane	10.93	76	184422	50.212	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	298768	242.222	ug/l	100
59) 2-Hexanone	10.97	43	269898	256.447	ug/l	100
60) Dibromochloromethane	11.13	129	128562	53.133	ug/l	100
61) 1,2-Dibromoethane	11.24	107	105115	52.369	ug/l	100
64) Tetrachloroethene	10.87	164	125562	48.982	ug/l	100
65) Chlorobenzene	11.66	112	386465	48.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	139893	50.069	ug/l	100
67) Ethyl Benzene	11.73	91	729091	49.822	ug/l	100
68) m/p-Xylenes	11.84	106	553239	100.642	ug/l	100
69) o-Xylene	12.17	106	253648	50.641	ug/l	100
70) Styrene	12.18	104	443012	51.355	ug/l	100
71) Bromoform	12.35	173	66586	52.345	ug/l #	100
73) Isopropylbenzene	12.47	105	703956	53.064	ug/l	100
74) N-amyl acetate	12.27	43	136129	49.009	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	121744	54.840	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	86357m	52.199	ug/l	
77) Bromobenzene	12.75	156	150583	50.748	ug/l	100
78) n-propylbenzene	12.80	91	835716	52.088	ug/l	100
79) 2-Chlorotoluene	12.90	91	477353	52.103	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	602643	53.190	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	38481	58.577	ug/l	100
82) 4-Chlorotoluene	12.99	91	500416	52.217	ug/l	100
83) tert-Butylbenzene	13.21	119	505420	53.843	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	606067	53.576	ug/l	100
85) sec-Butylbenzene	13.38	105	721874	53.209	ug/l	100
86) p-Isopropyltoluene	13.50	119	658519	53.152	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	307575	51.611	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	296949	50.999	ug/l	100
89) n-Butylbenzene	13.82	91	611708	52.018	ug/l	100
90) Hexachloroethane	14.10	117	118253	52.852	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	262987	51.233	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19424	54.962	ug/l	100

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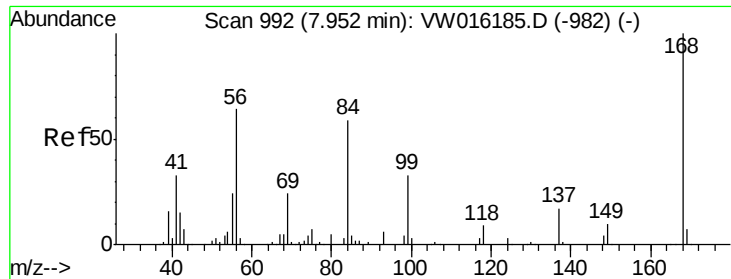
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	166416	51.548	ug/l	100
94) Hexachlorobutadiene	15.24	225	90367	44.871	ug/l	100
95) Naphthalene	15.37	128	333208	60.090	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	148204	53.315	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 271961

Ion Ratio Lower Upper

168 100

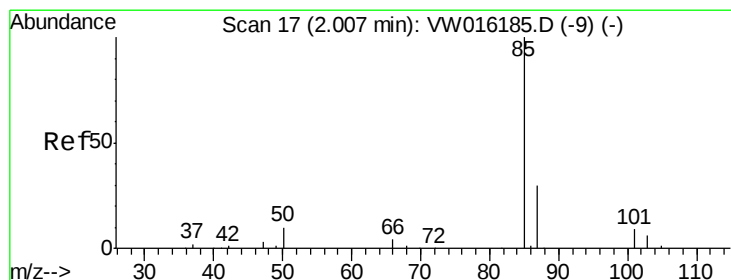
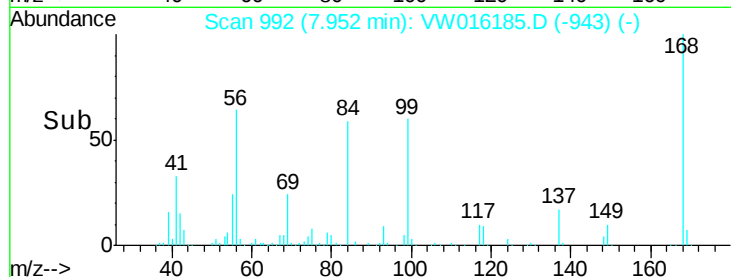
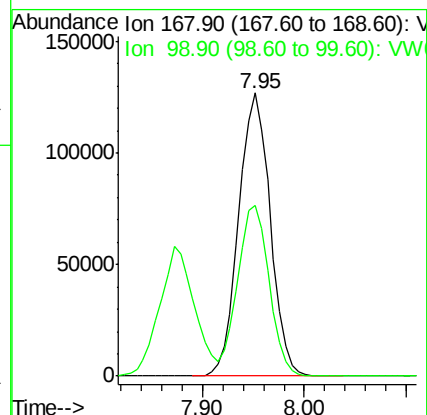
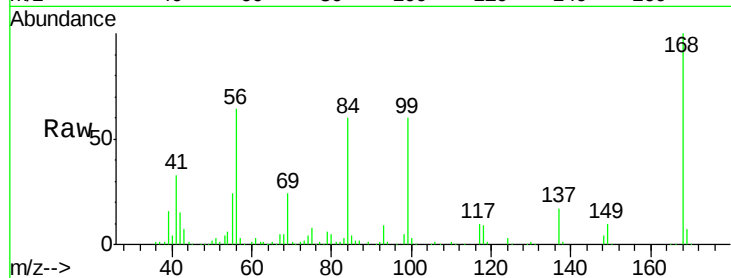
99 60.4 48.3 72.5

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 56.485 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016185.D

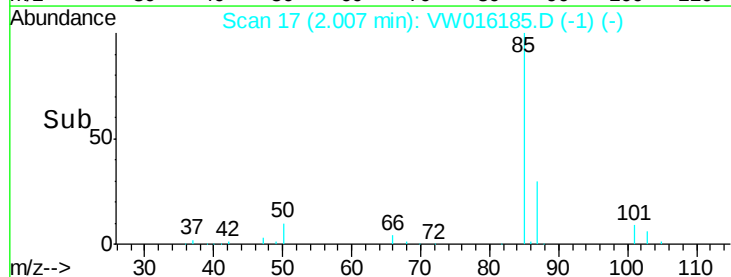
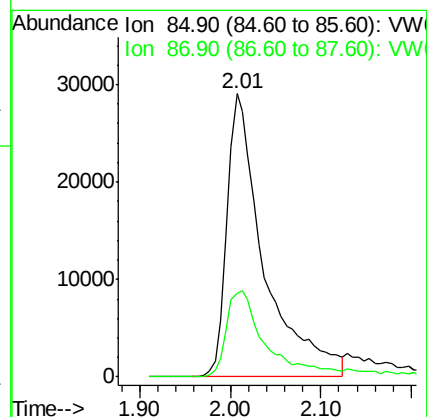
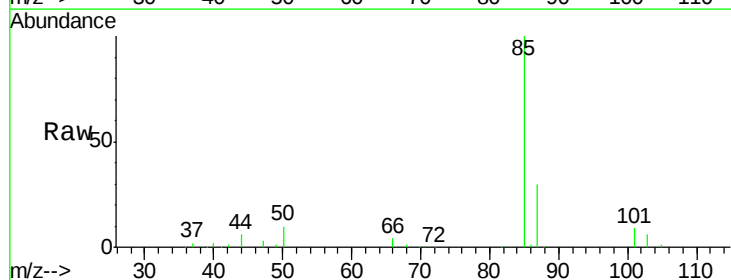
Acq: 14 Aug 2020 11:01

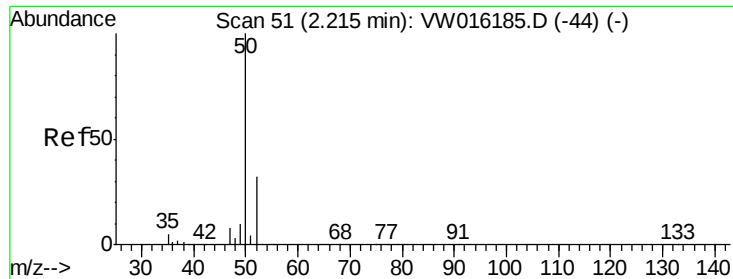
Tgt Ion: 85 Resp: 82821

Ion Ratio Lower Upper

85 100

87 29.7 14.9 44.5





#3

Chloromethane

Concen: 45.192 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 50 Resp: 87735

Ion Ratio Lower Upper

50 100

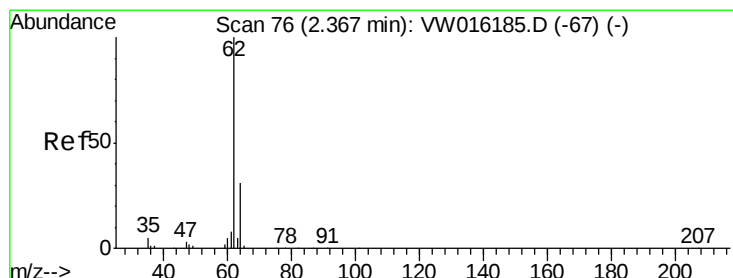
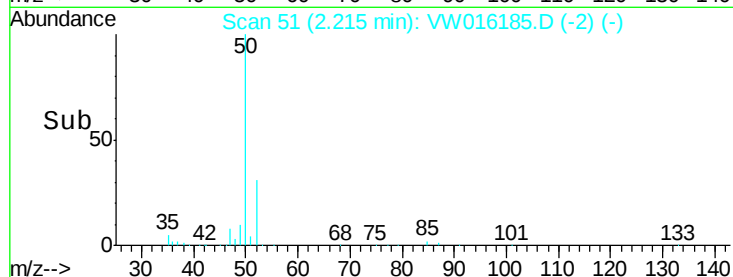
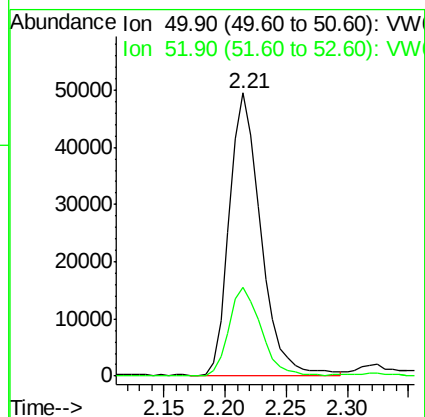
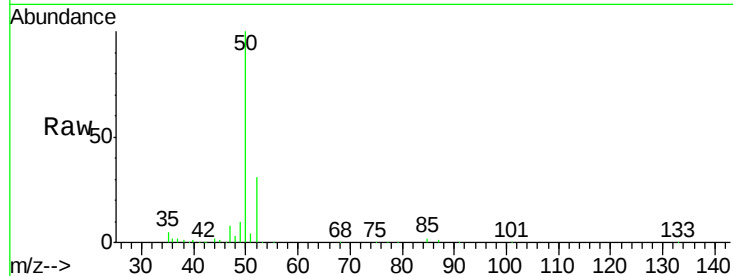
52 31.6 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.381 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016185.D

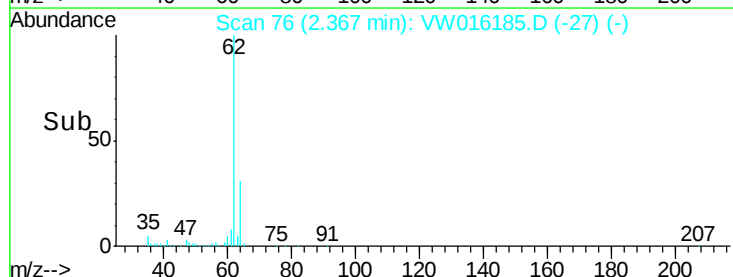
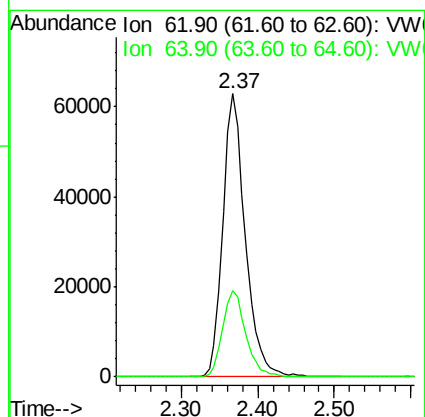
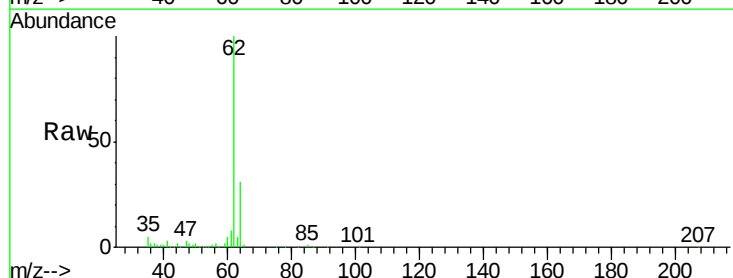
Acq: 14 Aug 2020 11:01

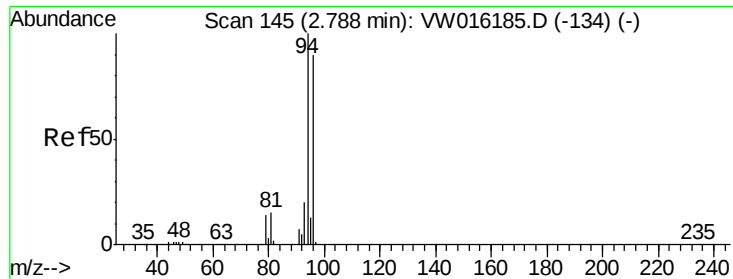
Tgt Ion: 62 Resp: 127789

Ion Ratio Lower Upper

62 100

64 30.6 24.5 36.7





#5

Bromomethane

Concen: 35.918 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 79326

Ion Ratio Lower Upper

94 100

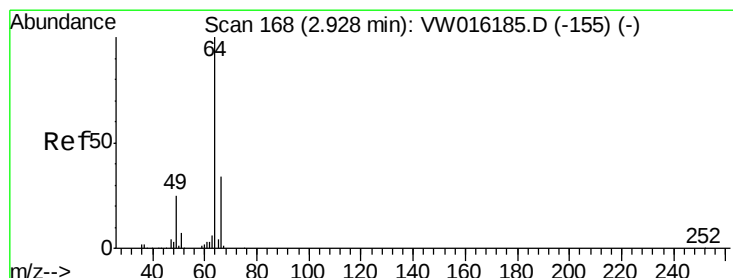
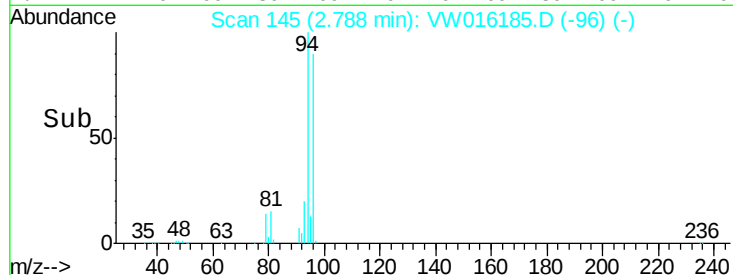
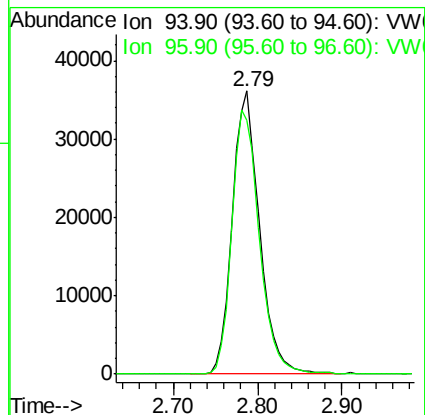
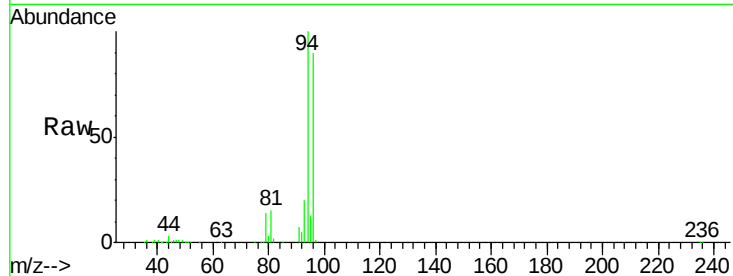
96 89.7 71.8 107.6

Manual Integrations

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#6

Chloroethane

Concen: 37.627 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016185.D

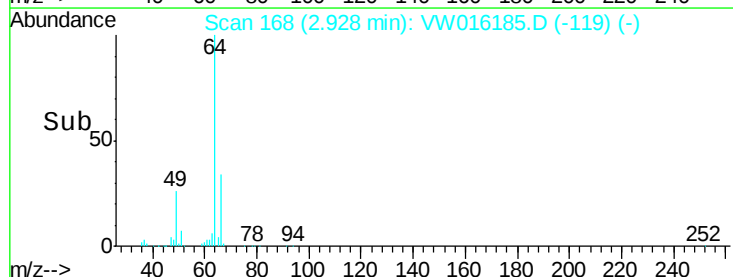
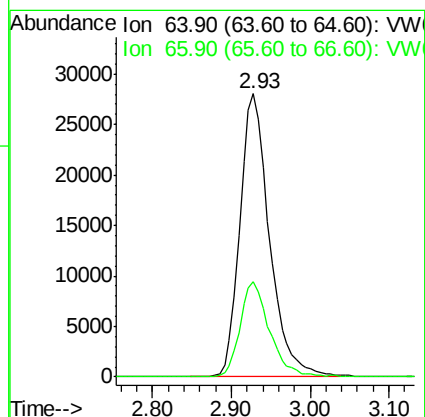
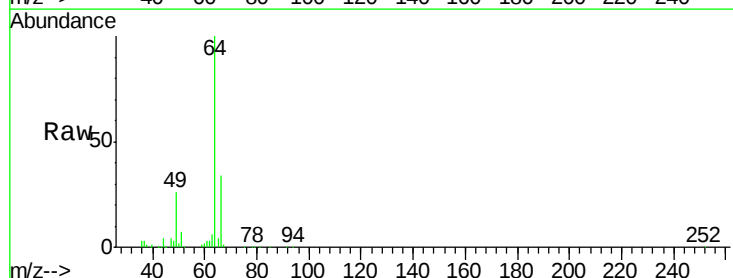
Acq: 14 Aug 2020 11:01

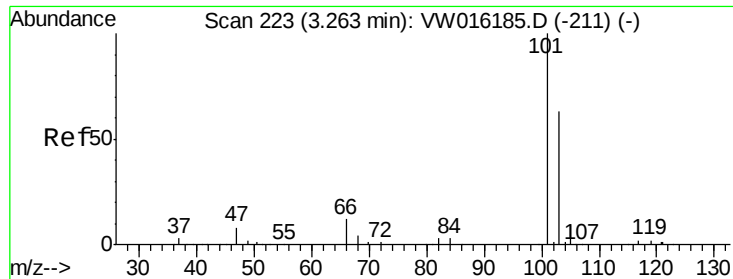
Tgt Ion: 64 Resp: 73153

Ion Ratio Lower Upper

64 100

66 33.6 26.9 40.3





#7

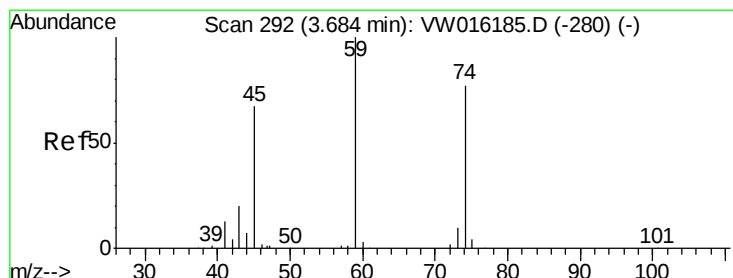
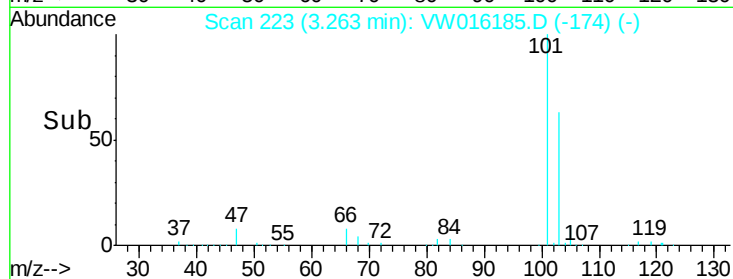
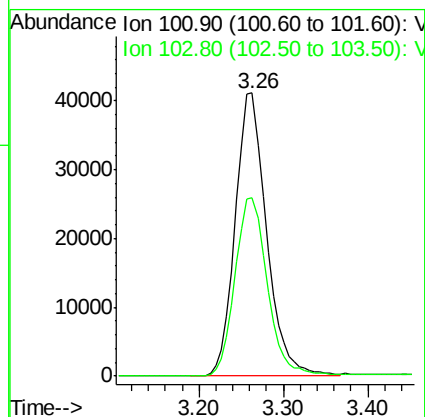
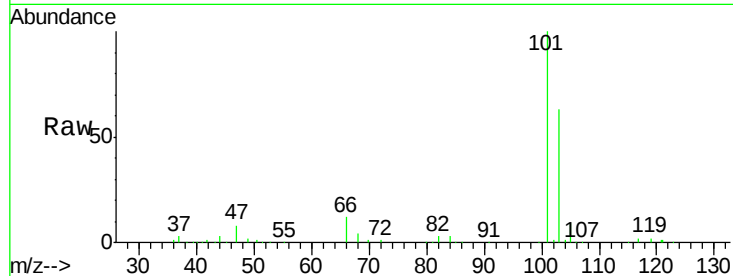
Trichlorofluoromethane
Concen: 48.741 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW016185.D
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VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	50.4	75.6

Manual Integrations
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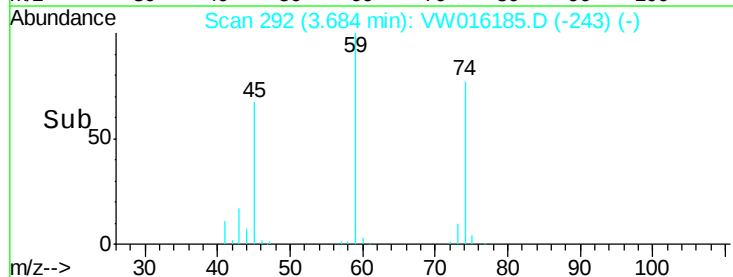
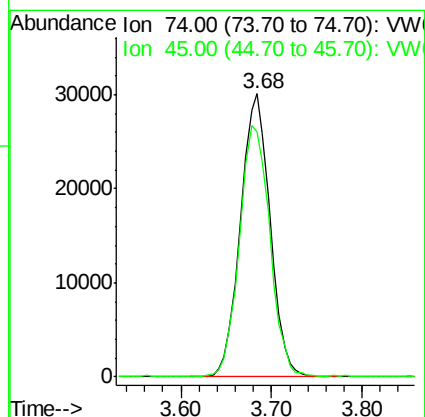
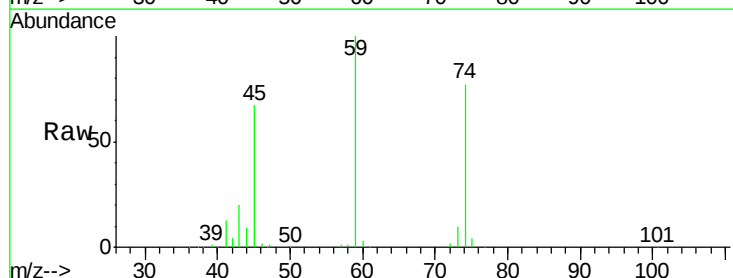
MMDadoda
8/17/2020 5:46:28 PM

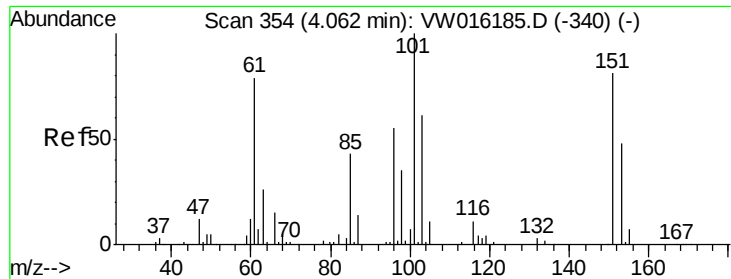


#8

Diethyl Ether
Concen: 50.262 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.8	45.9	137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.916 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

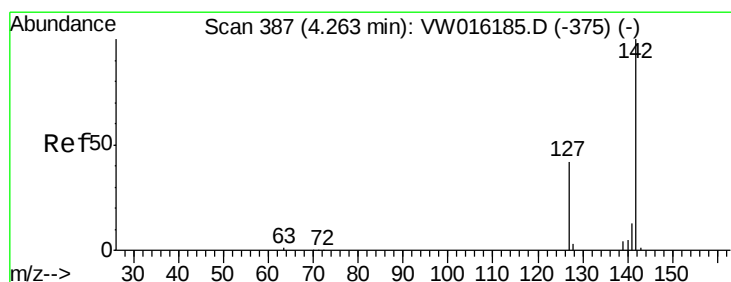
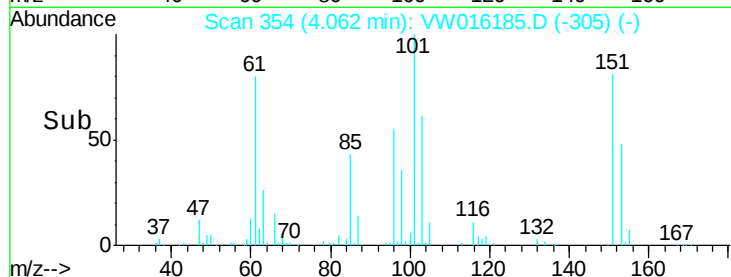
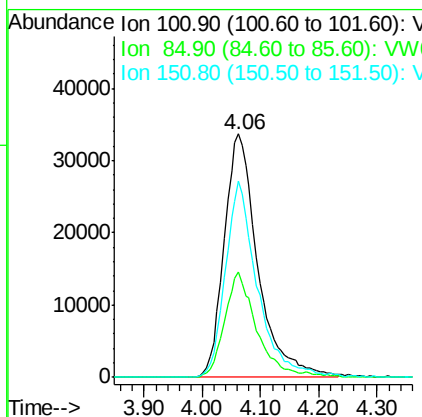
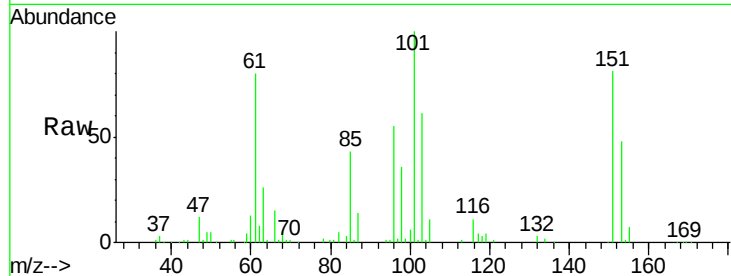
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	135571
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.3	49.9
151	76.4	61.1	91.7

Manual Integrations
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#10

Methyl Iodide

Concen: 55.261 ug/l

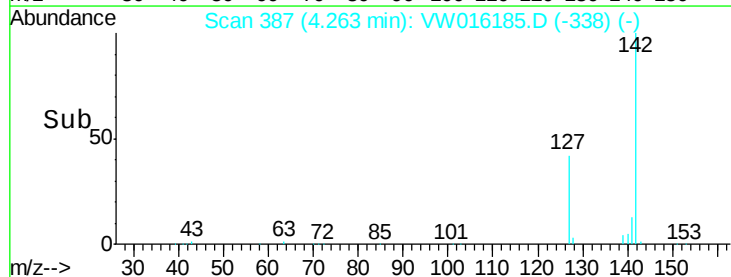
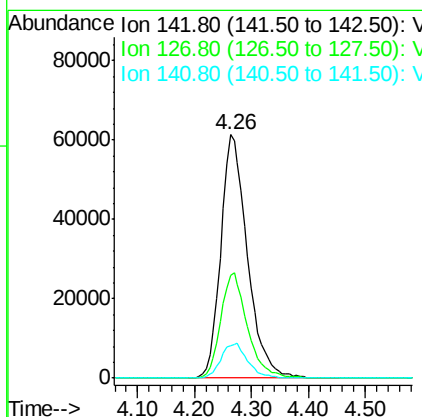
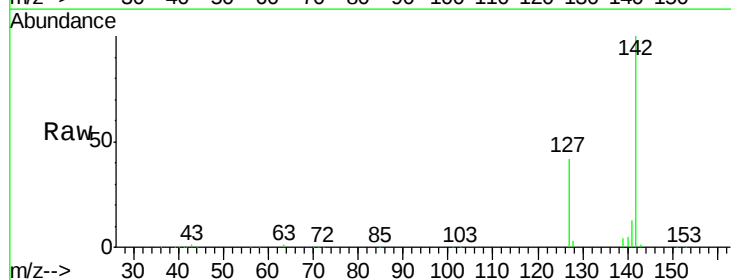
RT: 4.26 min Scan# 387

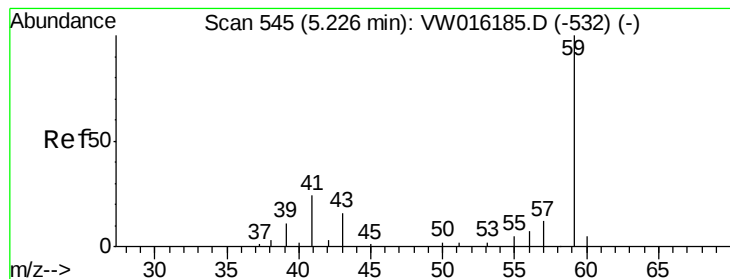
Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Tgt Ion:	142	Resp:	198942
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.6	52.0
141	14.3	11.4	17.2





#11

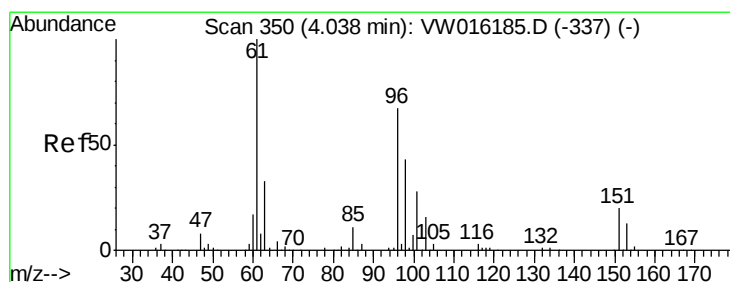
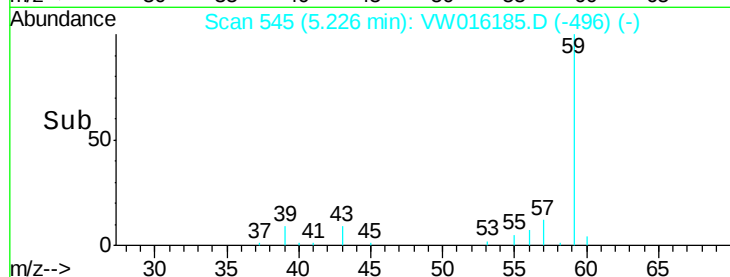
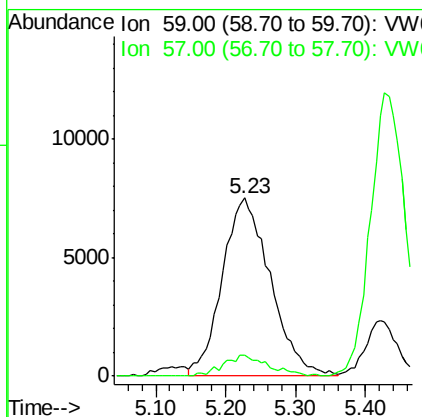
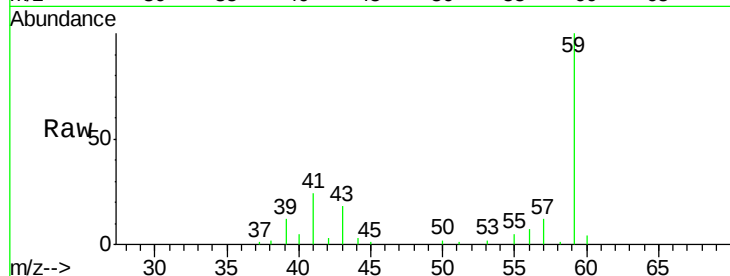
Tert butyl alcohol
 Concen: 233.738 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	35995		
57	10.9		9.0	13.6

Manual Integrations
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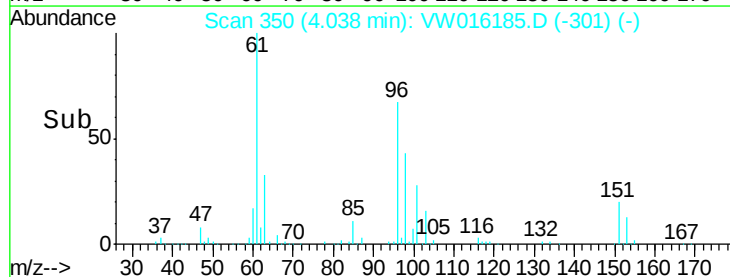
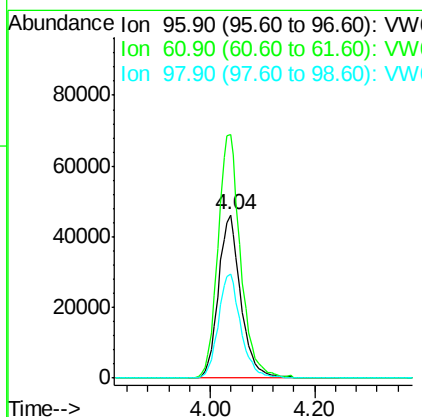
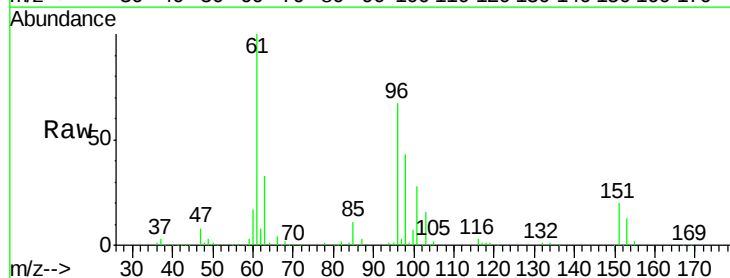
MMDadoda
 8/17/2020 5:46:28 PM

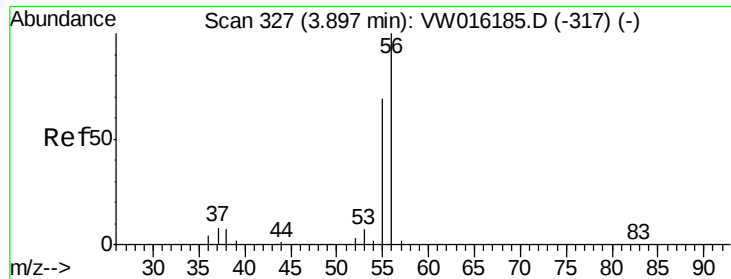


#12

1,1-Dichloroethene
 Concen: 54.800 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	139089		
61	149.4		119.5	179.3
98	64.1		51.3	76.9





#13

Acrolein

Concen: 259.429 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 50562

Ion Ratio Lower Upper

56 100

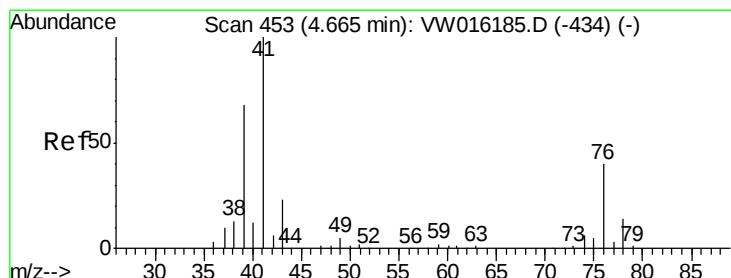
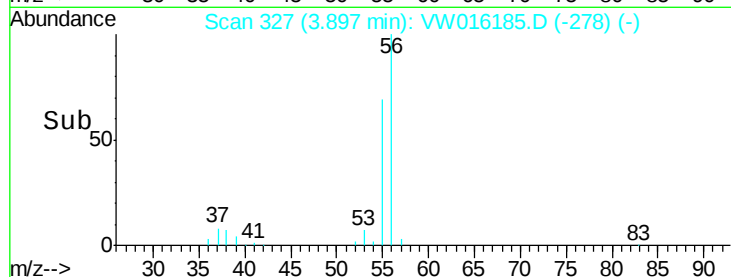
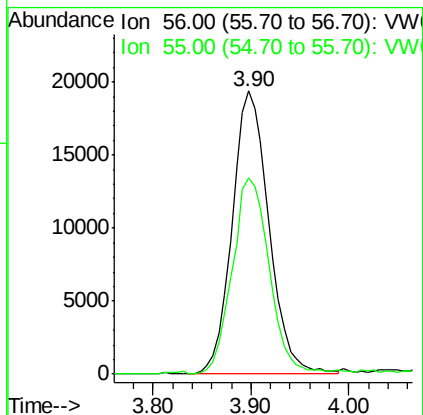
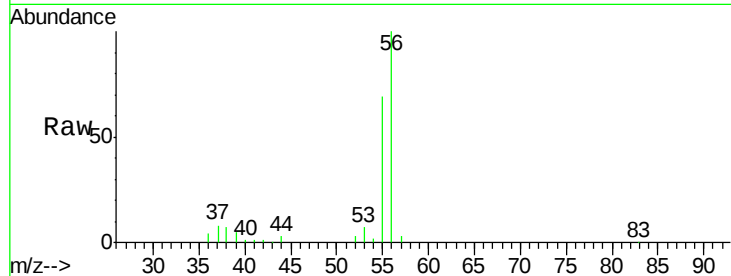
55 68.8 55.0 82.6

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 47.948 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

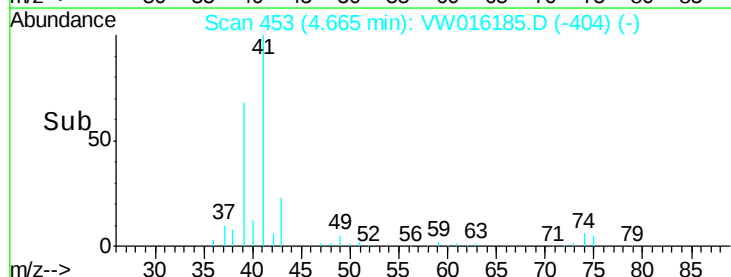
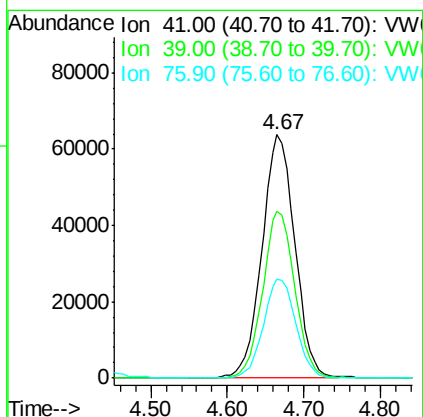
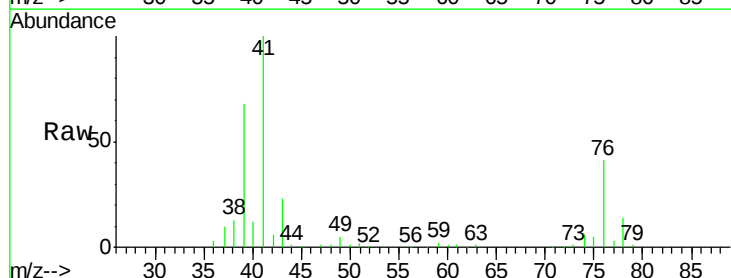
Tgt Ion: 41 Resp: 191248

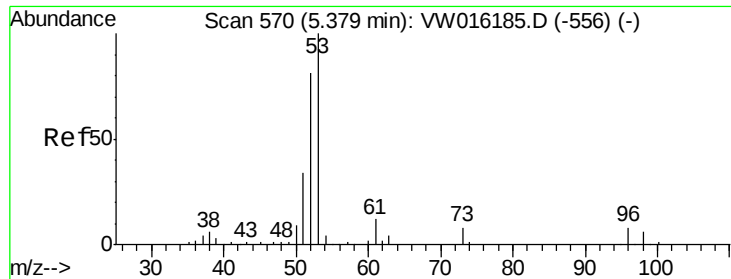
Ion Ratio Lower Upper

41 100

39 66.7 53.4 80.0

76 40.0 32.0 48.0





#15

Acrylonitrile

Concen: 263.779 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

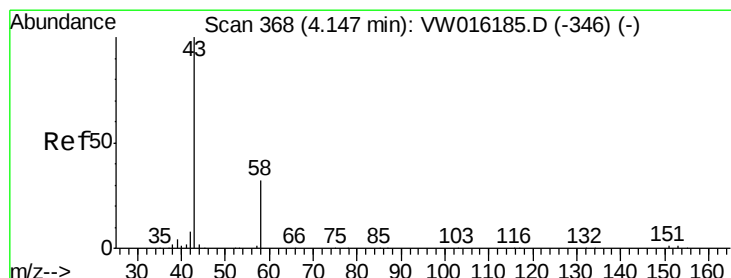
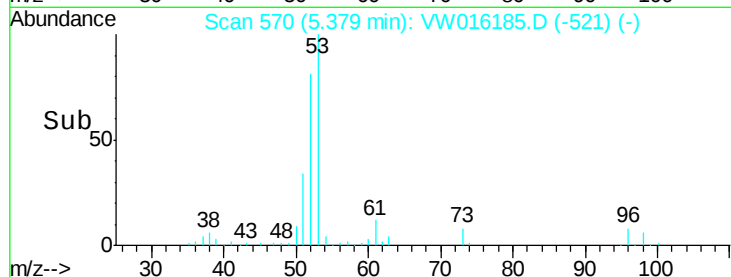
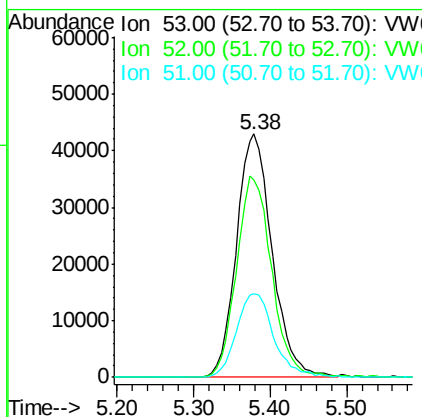
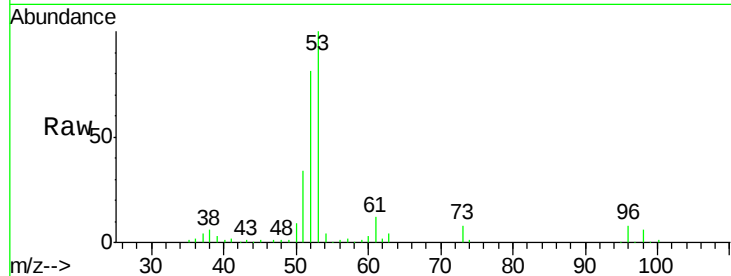
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	138747
Ion Ratio	Lower	Upper	
53	100		
52	81.6	65.3	97.9
51	36.2	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 272.679 ug/l

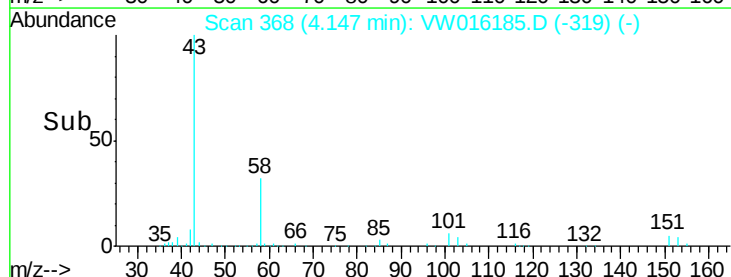
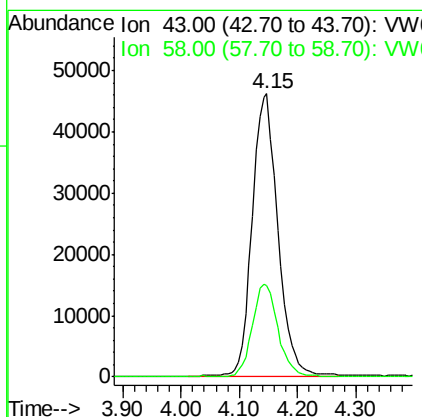
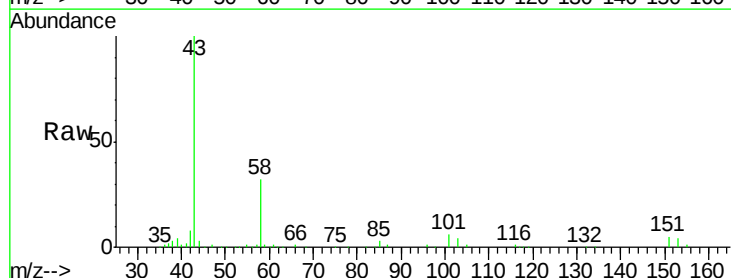
RT: 4.15 min Scan# 368

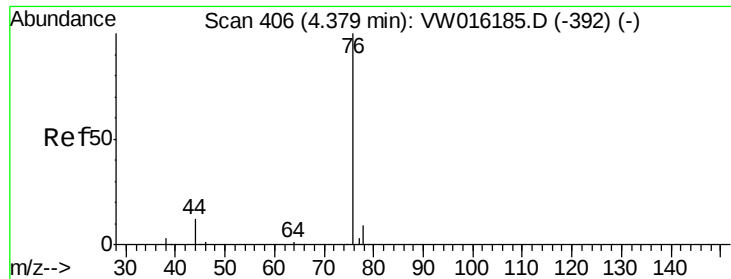
Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Tgt Ion:	43	Resp:	142346
Ion Ratio	Lower	Upper	
43	100		
58	32.2	25.8	38.6





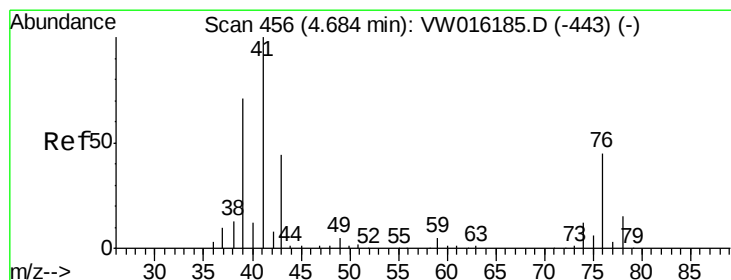
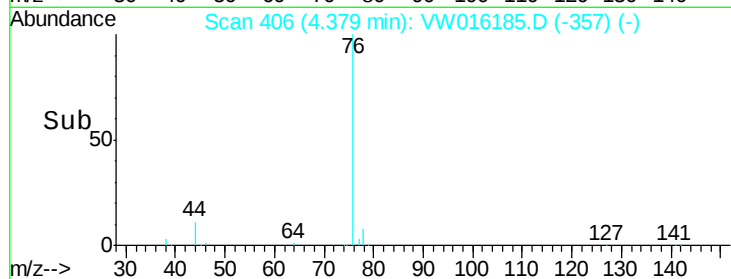
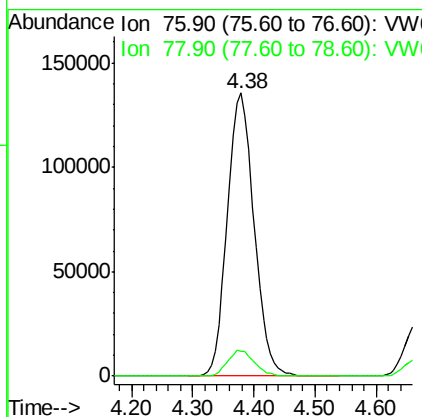
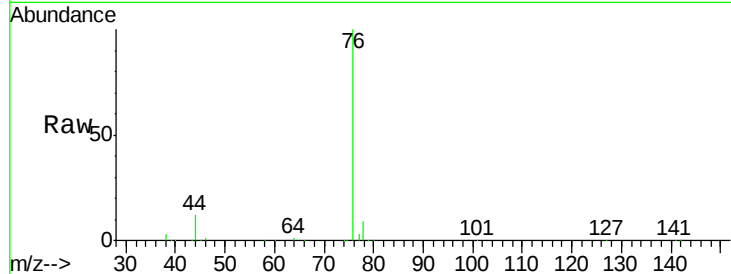
#17
Carbon Disulfide
Concen: 54.554 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

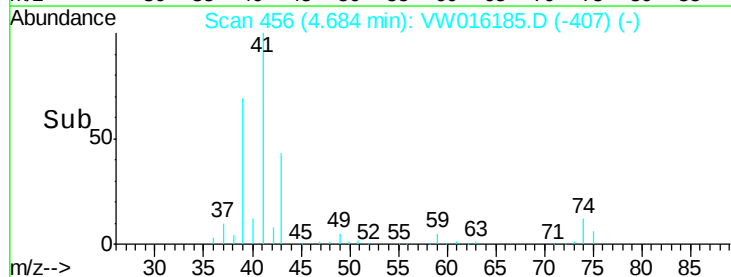
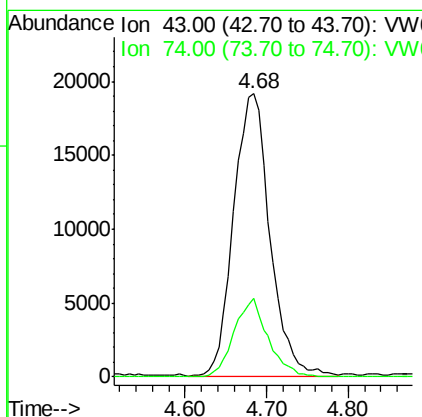
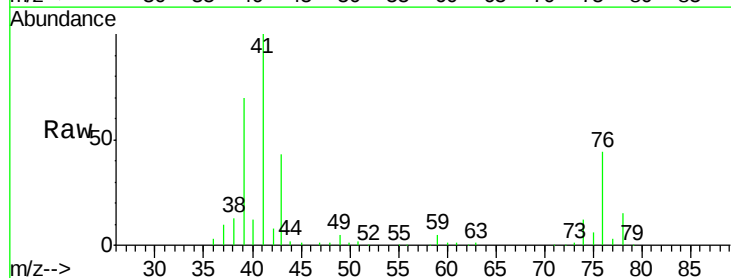
Manual Integrations
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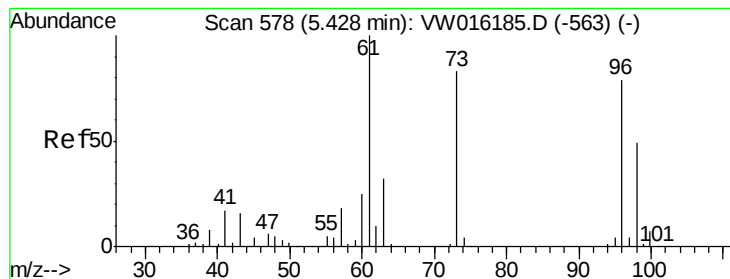
MMDadoda
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#18
Methyl Acetate
Concen: 49.474 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	20.6	31.0





#19

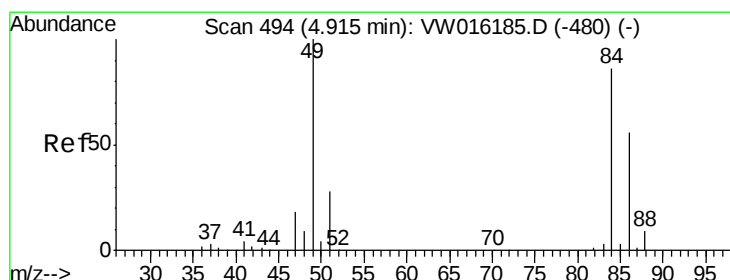
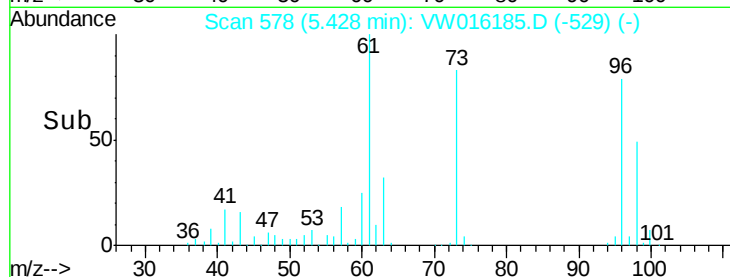
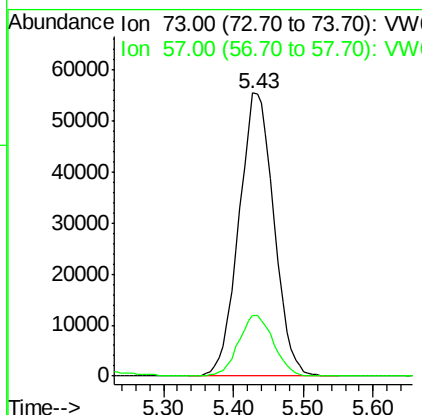
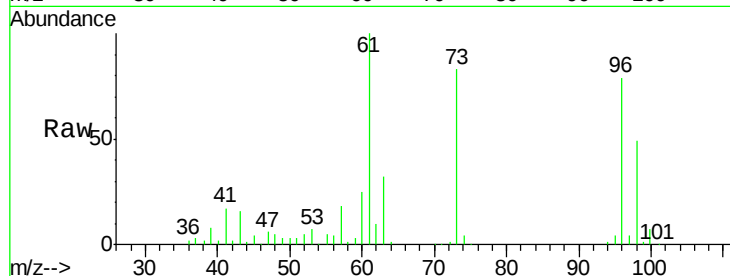
Methyl tert-butyl Ether
 Concen: 51.990 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.2	25.8

Manual Integrations
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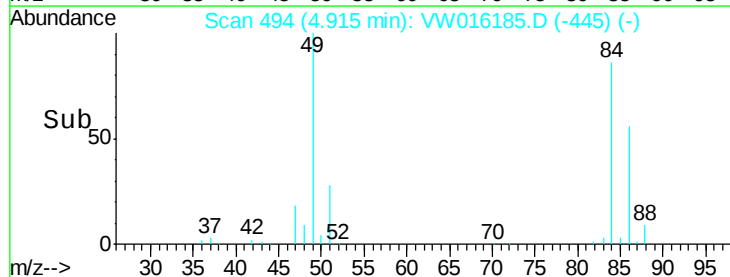
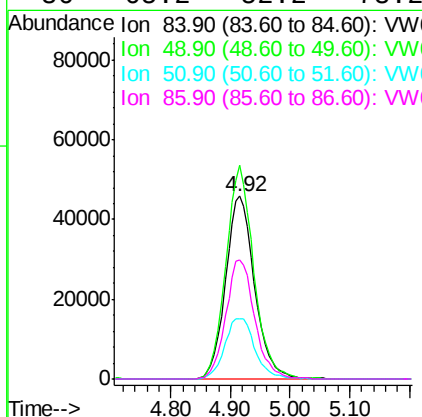
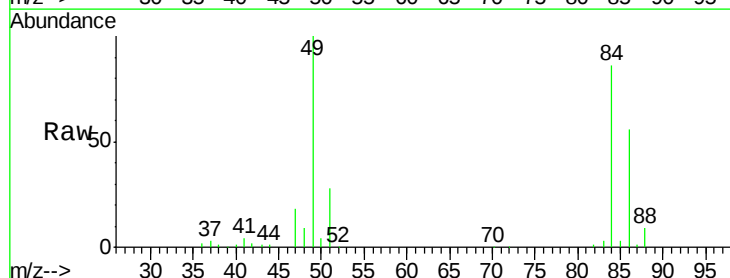
MMDadoda
 8/17/2020 5:46:28 PM

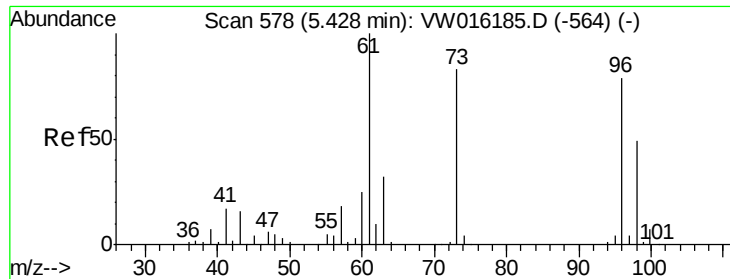


#20

Methylene Chloride
 Concen: 49.993 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.8	93.4	140.2
51	33.3	26.6	40.0
86	65.2	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 53.197 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

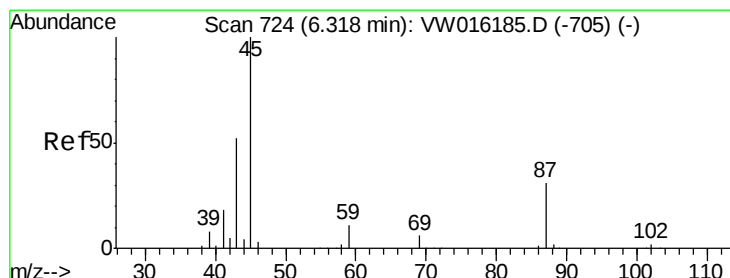
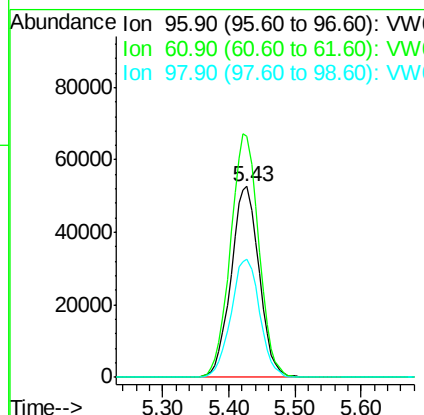
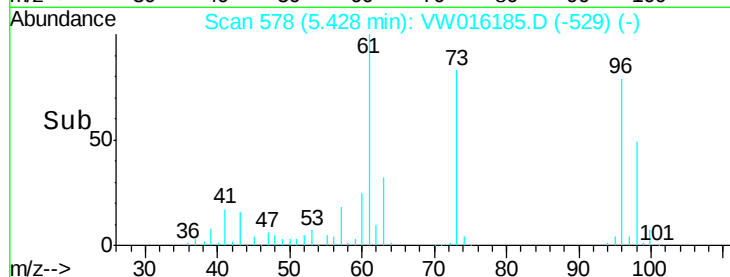
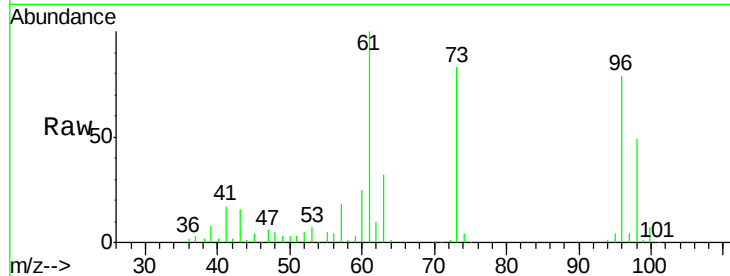
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	155164
Ion	Ratio	Lower	Upper
96	100		
61	126.7	101.4	152.0
98	61.7	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.937 ug/l

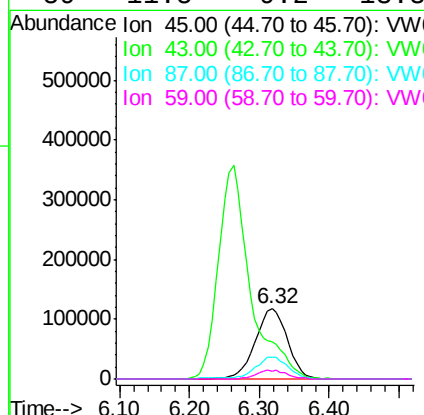
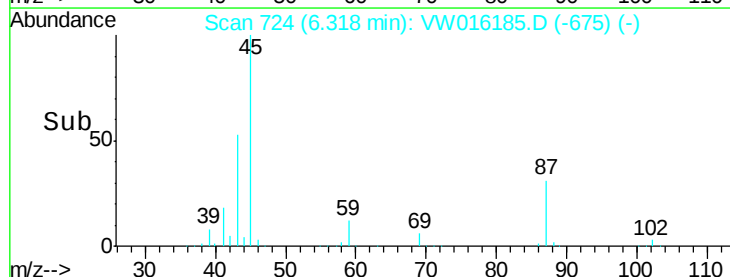
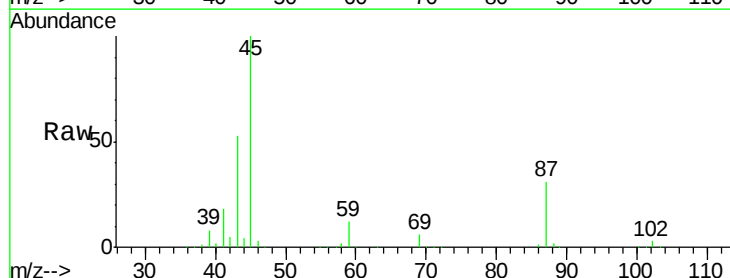
RT: 6.32 min Scan# 724

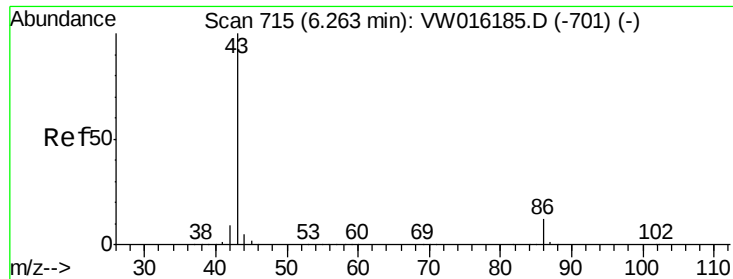
Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Tgt Ion:	45	Resp:	374663
Ion	Ratio	Lower	Upper
45	100		
43	52.1	41.7	62.5
87	31.3	25.0	37.6
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 240.523 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 1141251

Ion Ratio Lower Upper

43 100

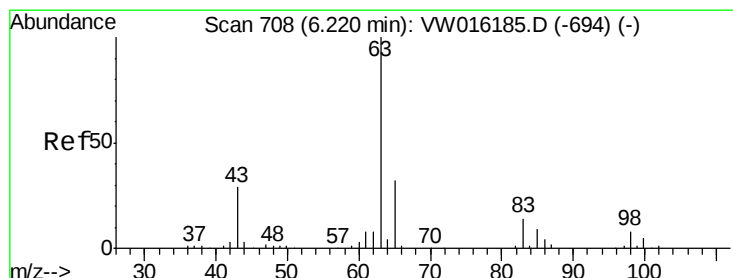
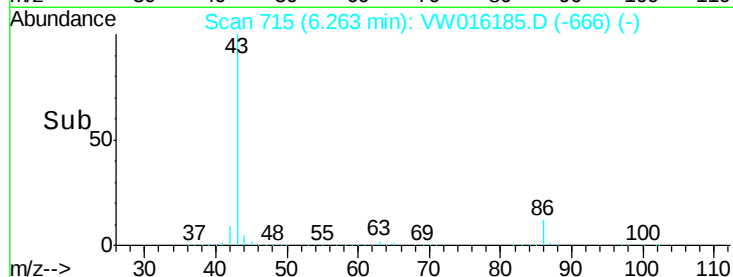
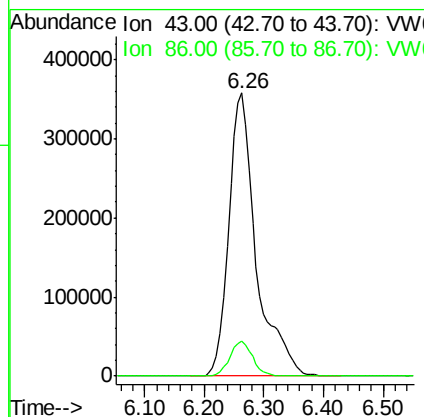
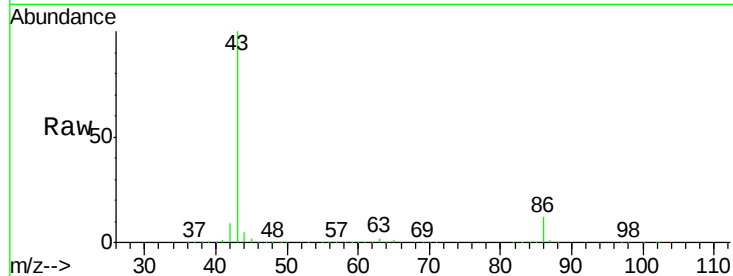
86 12.3 9.8 14.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.300 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

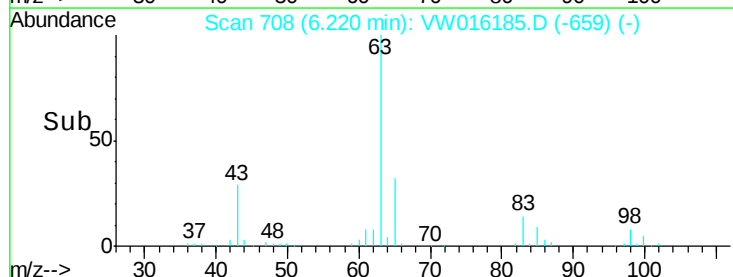
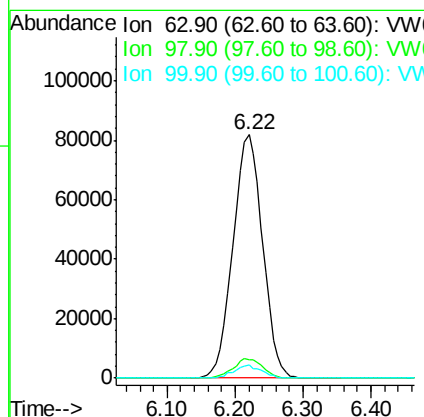
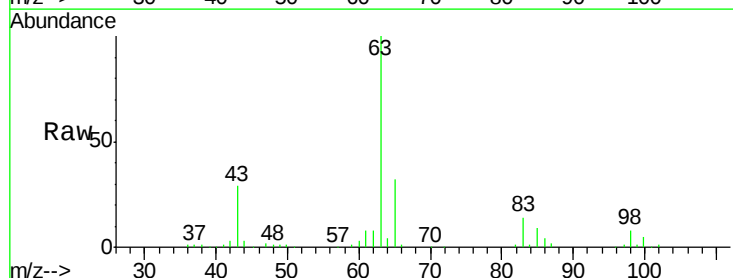
Tgt Ion: 63 Resp: 247154

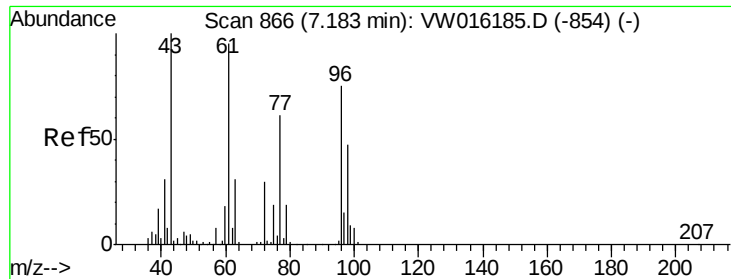
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 5.3 2.6 8.0





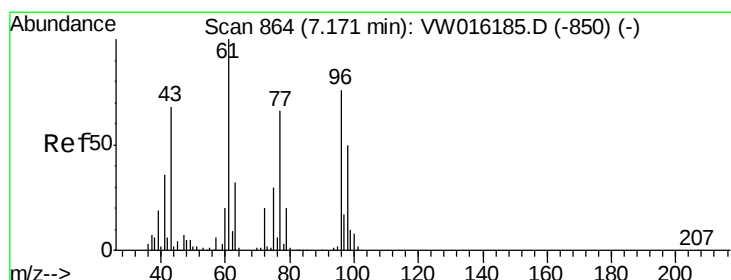
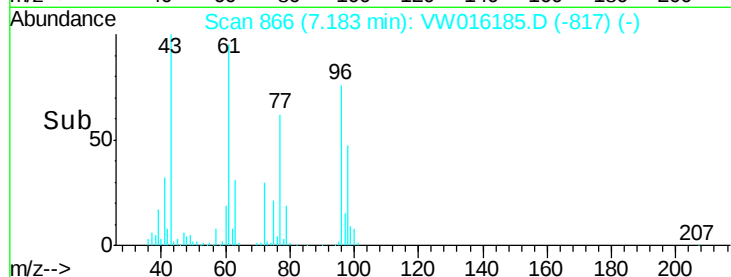
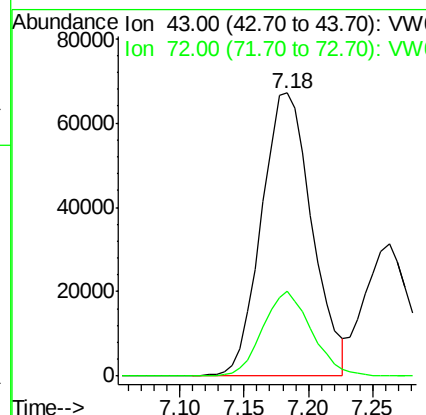
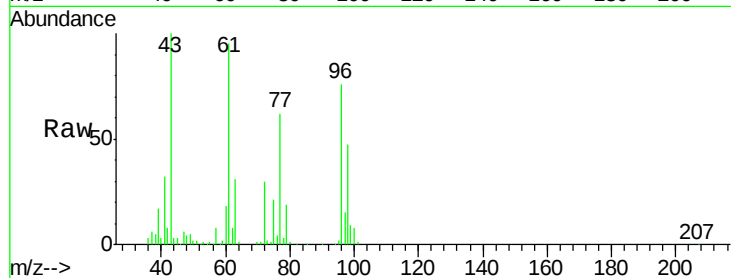
#25
2-Butanone
Concen: 259.095 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	30.2	24.2	36.2

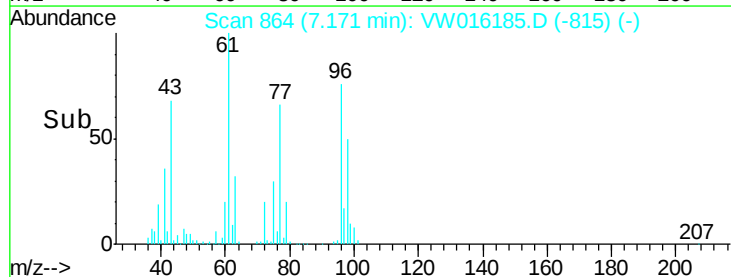
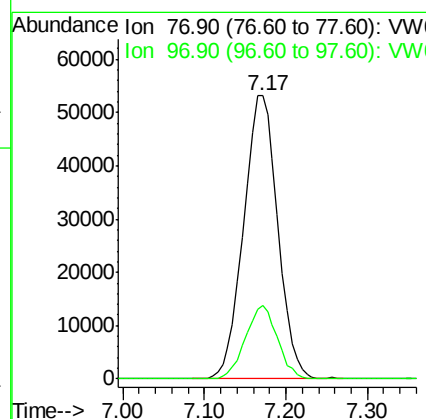
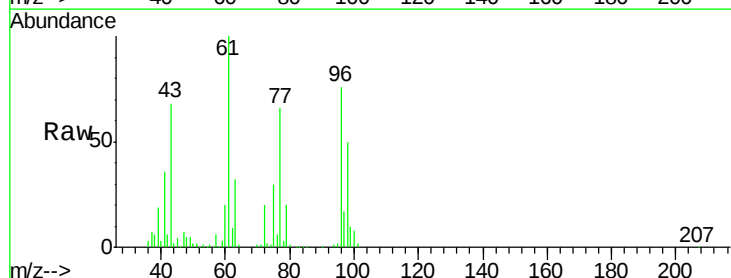
Manual Integrations
APPROVED

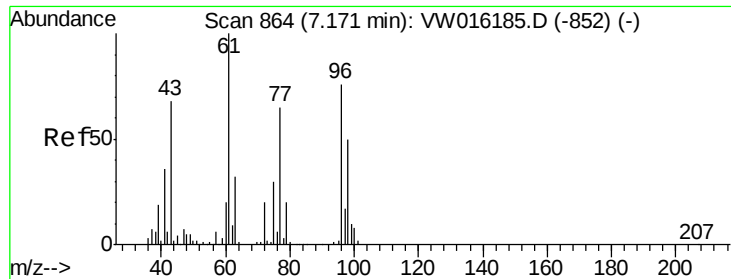
MMDadoda
8/17/2020 5:46:28 PM



#26
2,2-Dichloropropane
Concen: 48.211 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
77	100		
97	24.2	12.1	36.3





#27

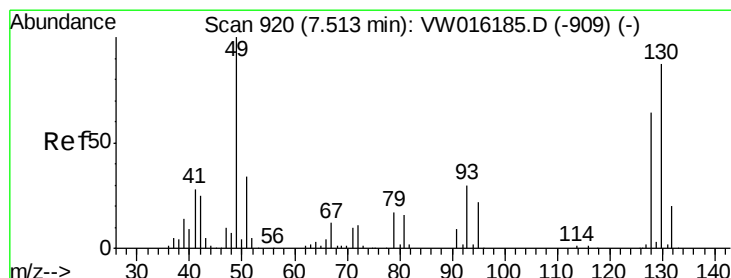
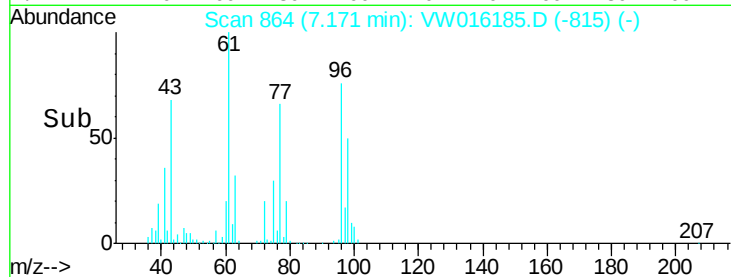
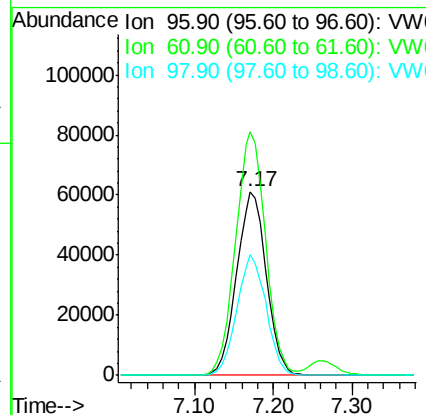
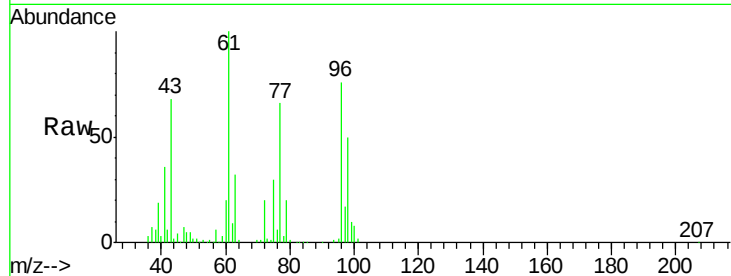
cis-1,2-Dichloroethene
Concen: 51.592 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	159849		
61	133.5	0.0	267.0	
98	64.8	0.0	129.6	

Manual Integrations
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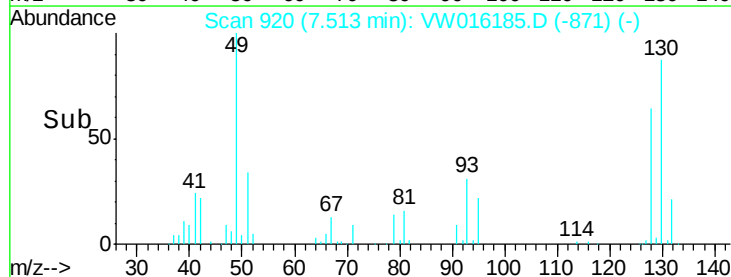
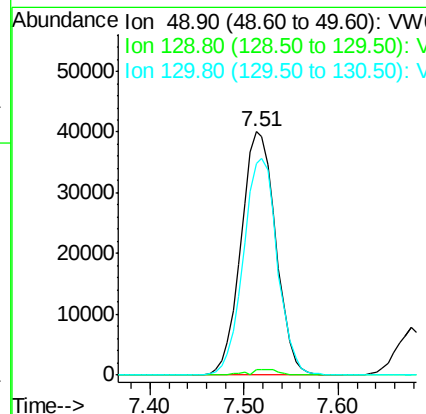
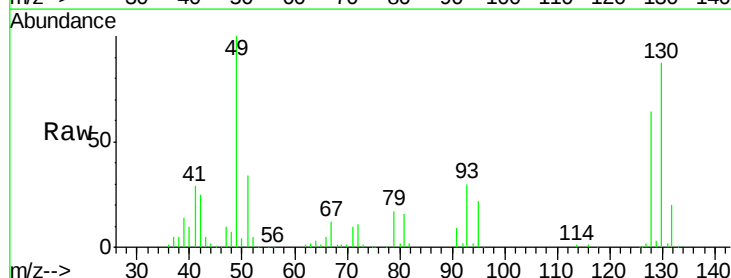
MMDadoda
8/17/2020 5:46:28 PM

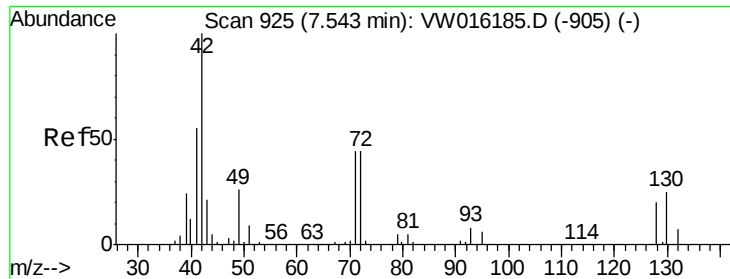


#28

Bromochloromethane
Concen: 50.173 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	103366		
129	2.1	0.0	4.2	
130	87.4	69.9	104.9	





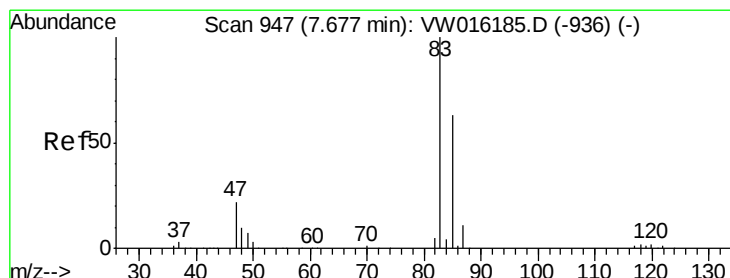
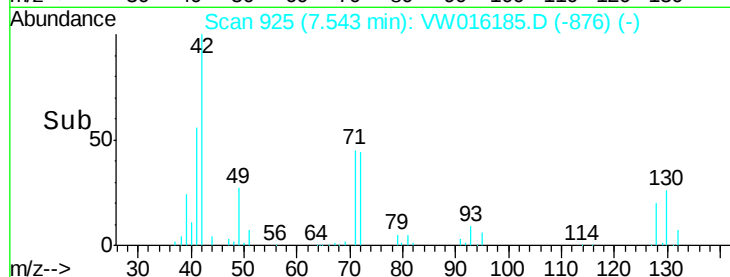
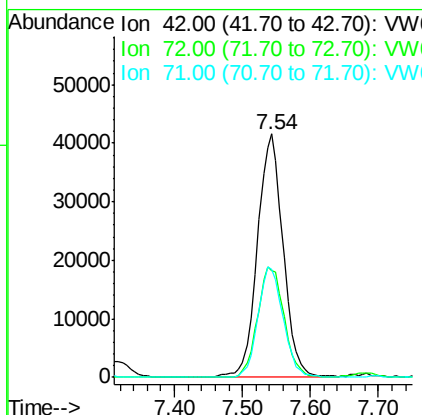
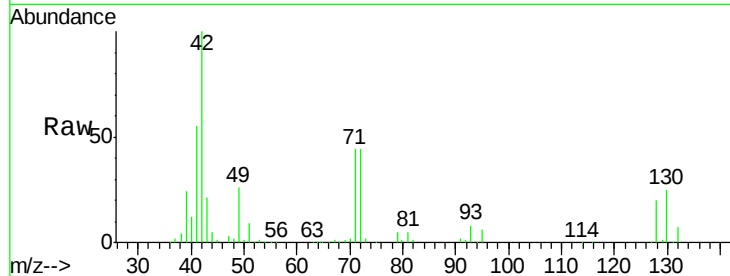
#29
Tetrahydrofuran
Concen: 256.695 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.4	56.2
71	44.5	35.6	53.4

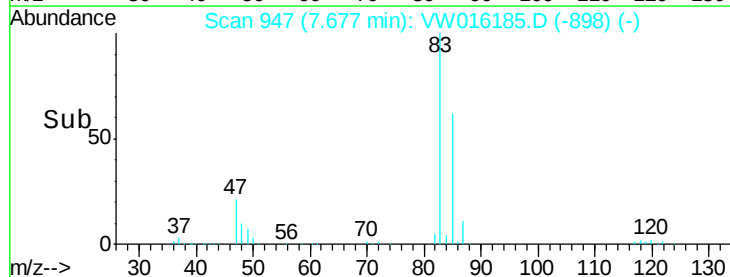
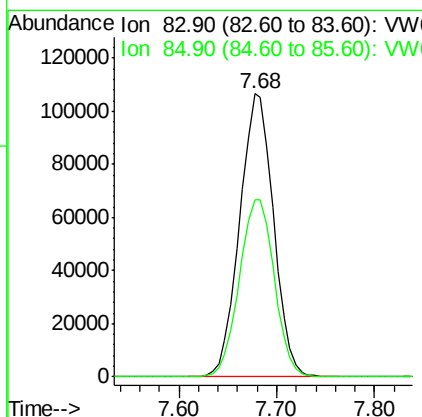
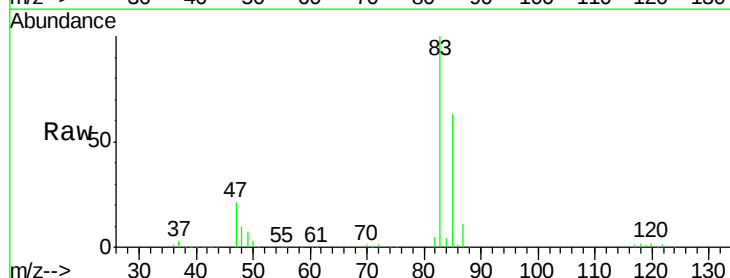
Manual Integrations
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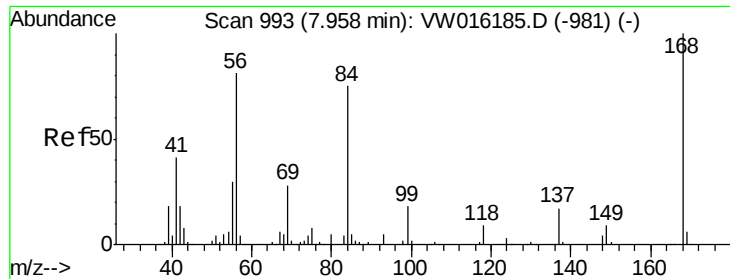
MMDadoda
8/17/2020 5:46:28 PM



#30
Chloroform
Concen: 48.900 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.0	75.0





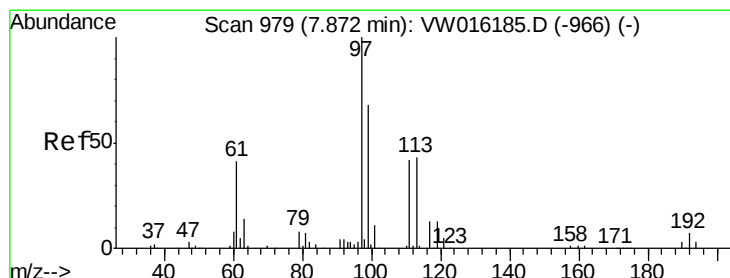
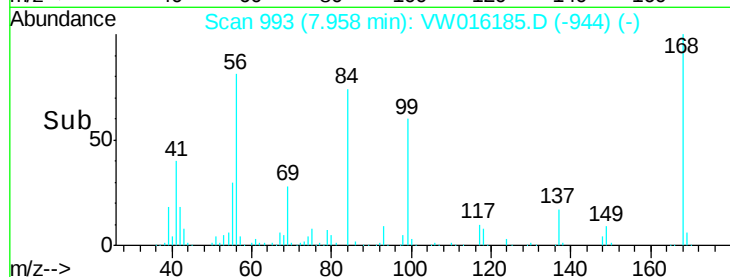
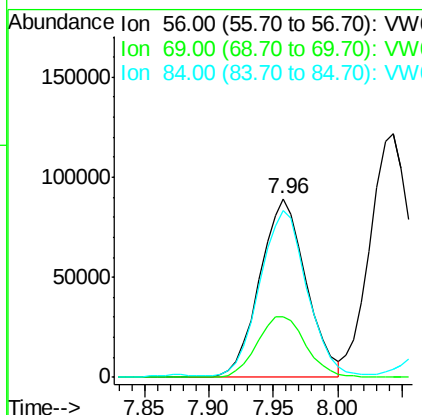
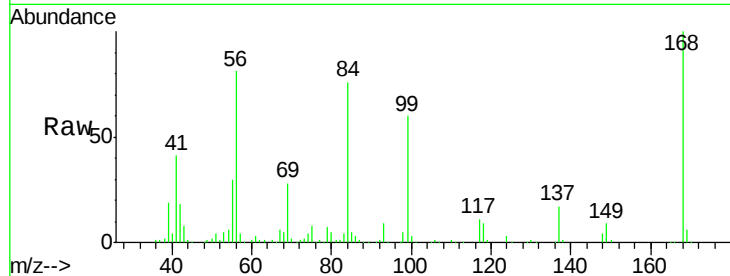
#31
Cyclohexane
Concen: 46.173 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.1	27.3	40.9
84	91.9	73.5	110.3

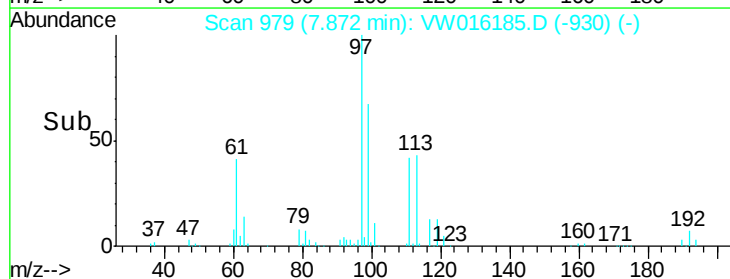
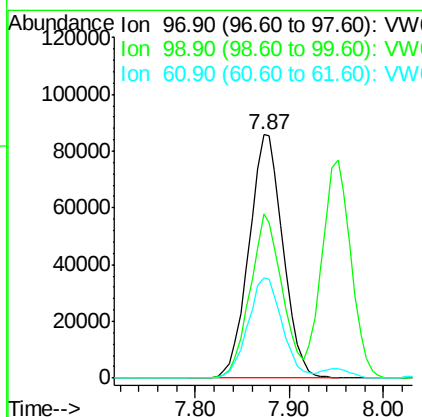
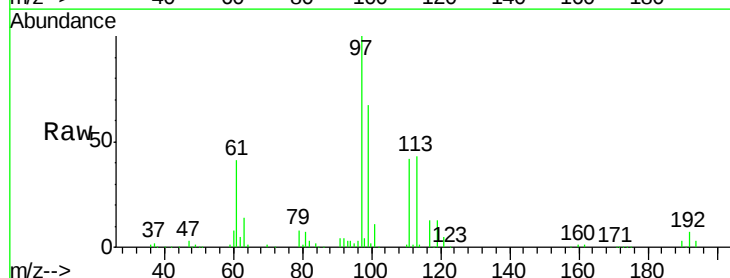
Manual Integrations
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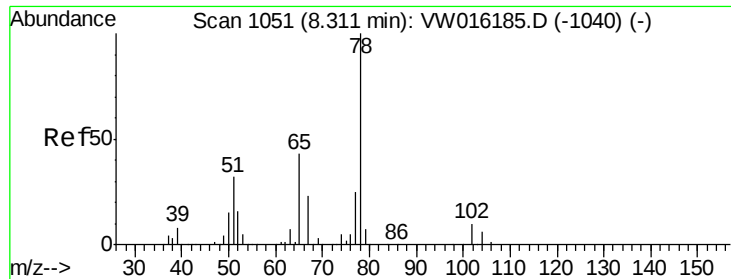
MMDadoda
8/17/2020 5:46:28 PM



#32
1,1,1-Trichloroethane
Concen: 49.338 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	41.5	33.2	49.8





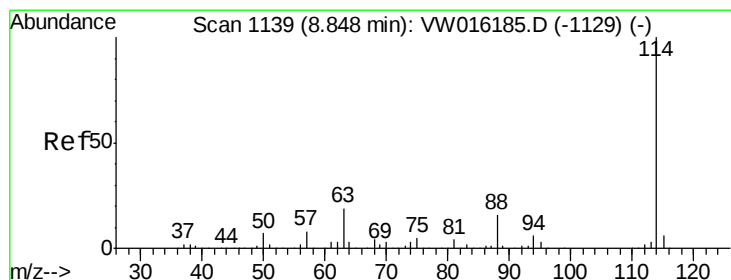
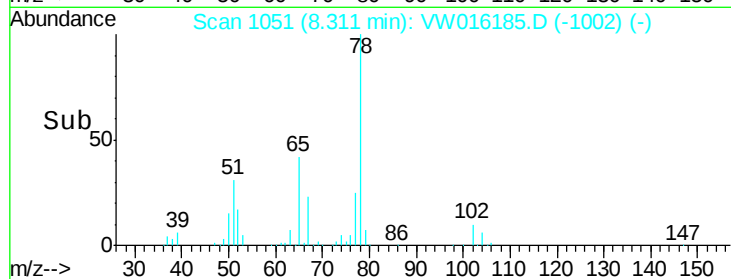
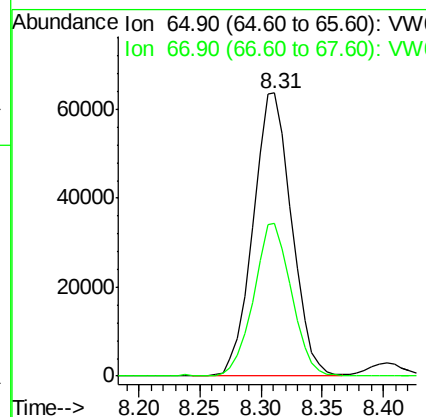
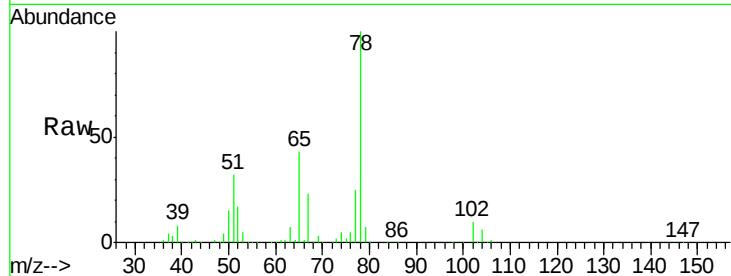
#33
 1,2-Dichloroethane-d4
 Concen: 49.445 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	139583		
67	52.8	0.0	105.6	

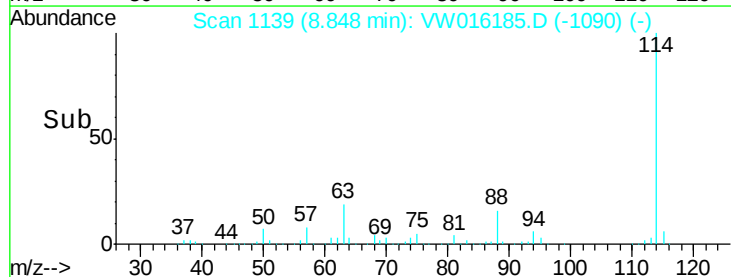
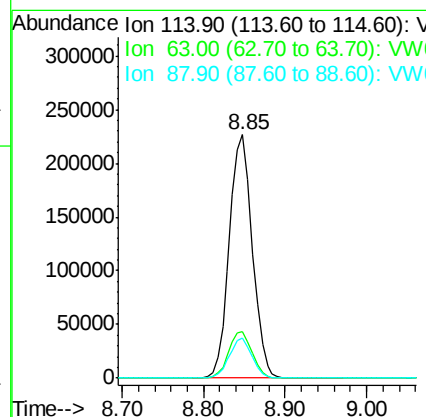
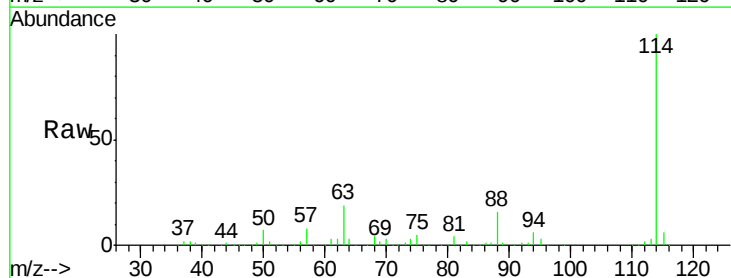
Manual Integrations
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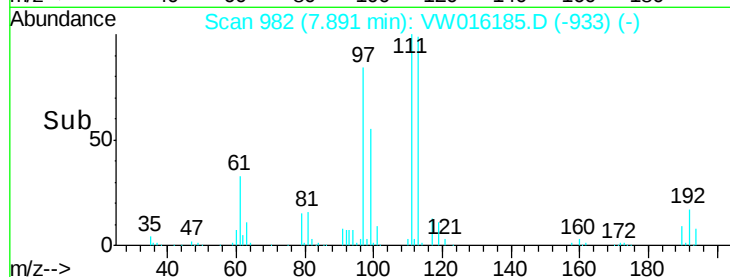
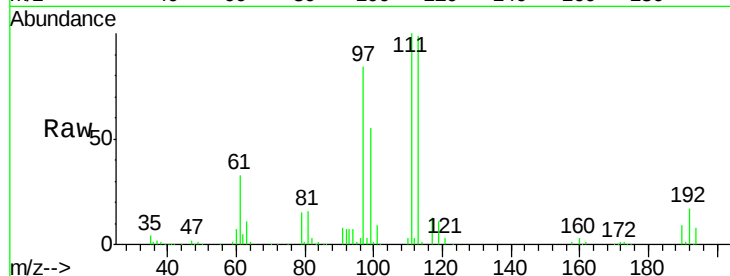
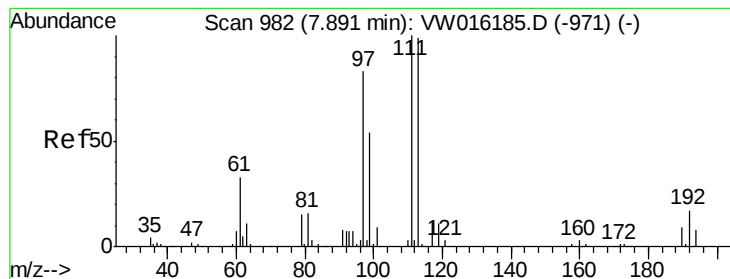
MMDadoda
 8/17/2020 5:46:28 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	439424		
63	19.2	0.0	38.4	
88	16.4	0.0	32.8	





#35

Dibromofluoromethane

Concen: 53.956 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Tot Ion:	113	Resp:	142145
Ion Ratio	Lower	Upper	
113	100		
111	104.4	83.5	125.3
192	17.9	14.3	21.5

Instrument :

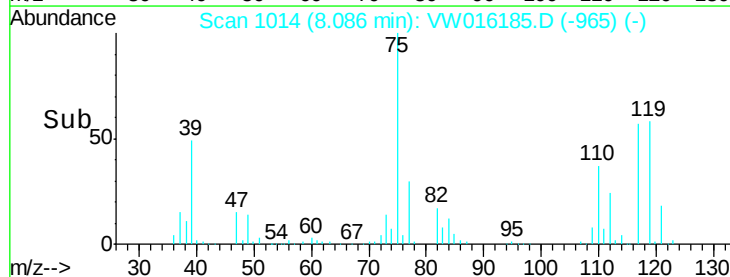
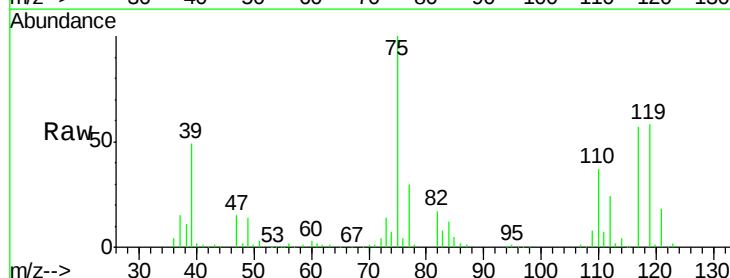
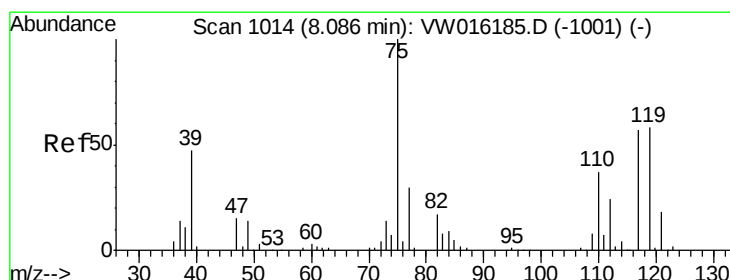
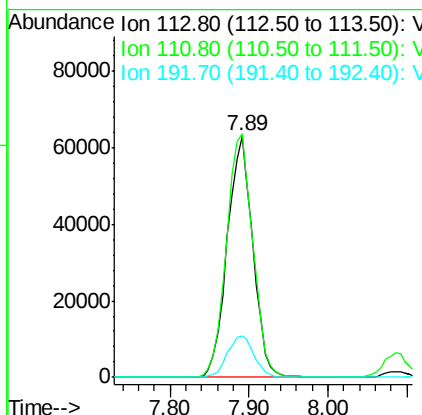
MSVOA_W

ClientSampleId :

VSTDICCC050

Manual Integrations
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8/17/2020 5:46:28 PM



#36

1,1-Dichloropropene

Concen: 48.282 ug/l

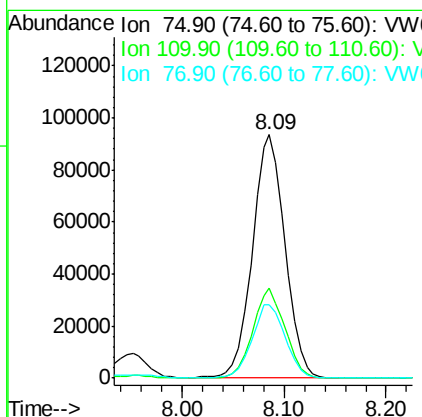
RT: 8.09 min Scan# 1014

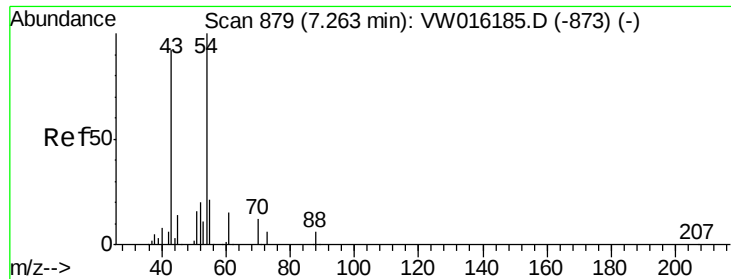
Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Tgt Ion:	75	Resp:	207218
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.3
77	30.9	24.7	37.1





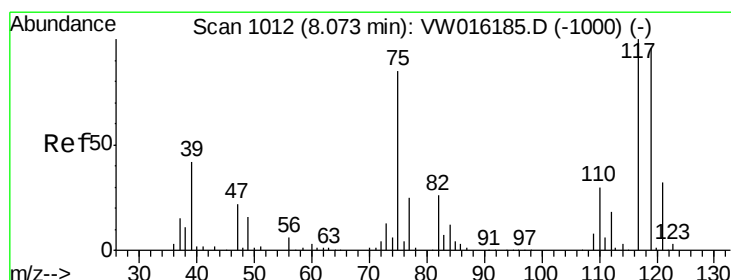
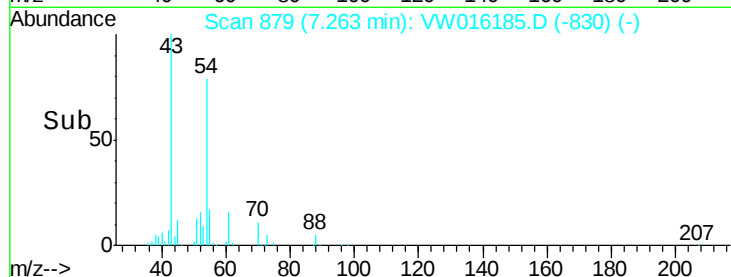
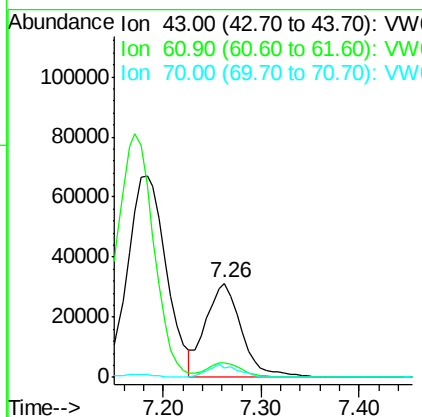
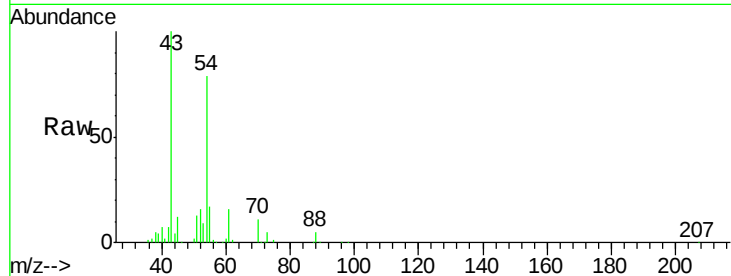
#37
Ethyl Acetate
Concen: 47.558 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.6	18.8
70	12.3	9.8	14.8

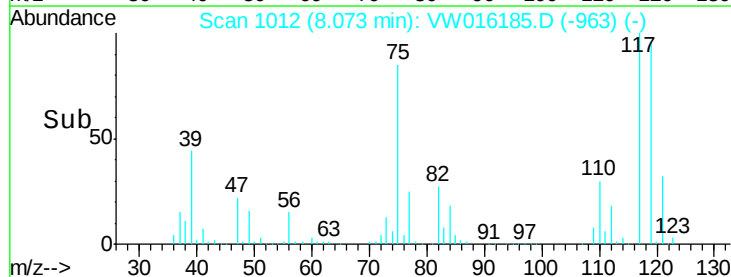
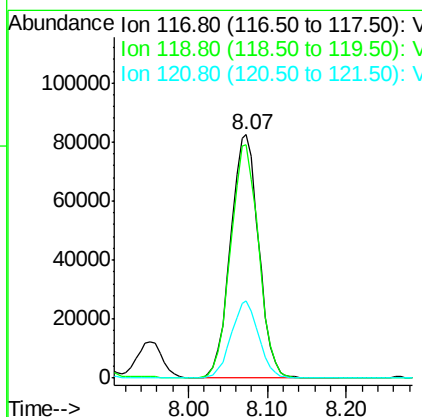
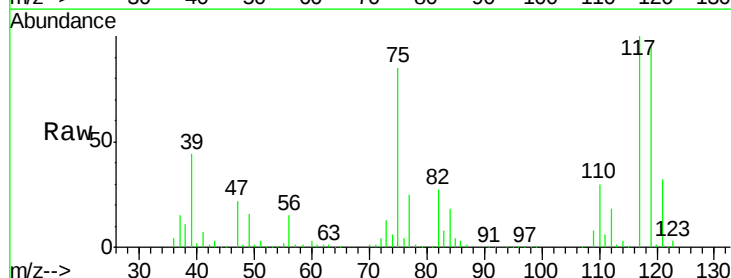
Manual Integrations
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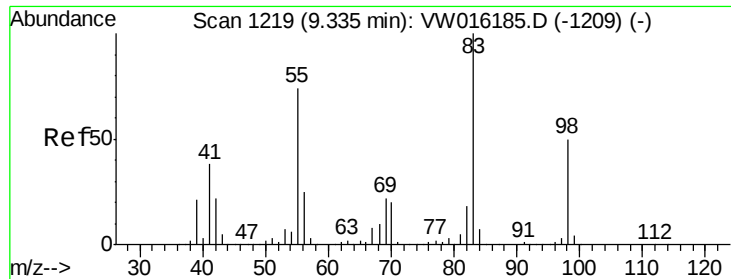
MMDadoda
8/17/2020 5:46:28 PM



#38
Carbon Tetrachloride
Concen: 48.944 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
121	31.7	25.4	38.0





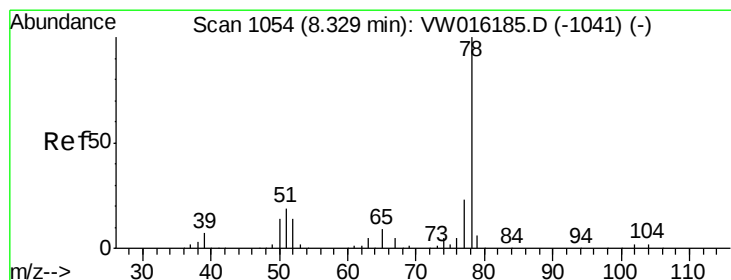
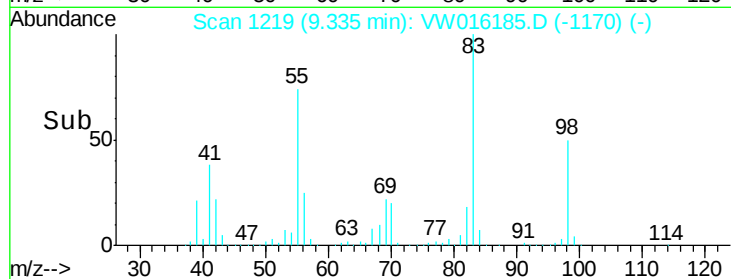
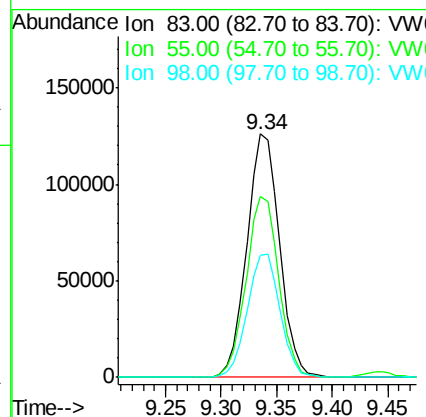
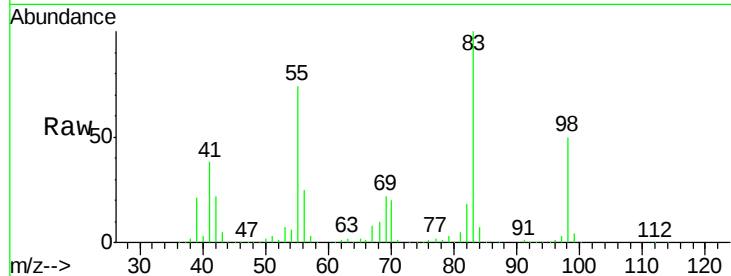
#39
Methvlcvclohexane
Concen: 50.725 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	257991
Ion Ratio	Lower	Upper	
83	100		
55	74.0	59.2	88.8
98	50.2	40.2	60.2

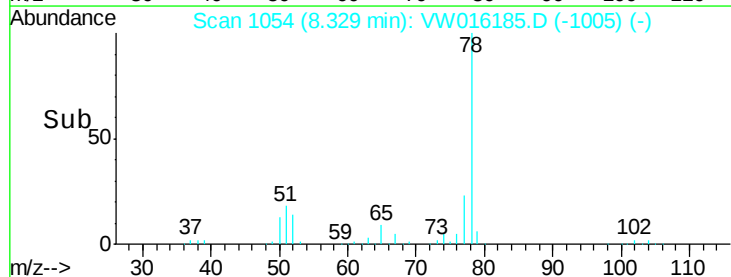
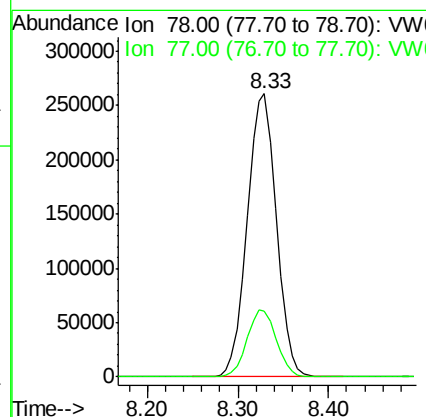
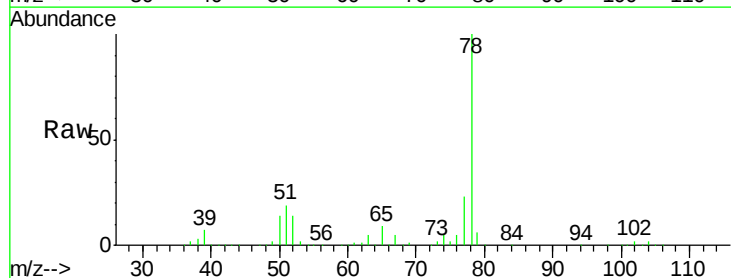
Manual Integrations
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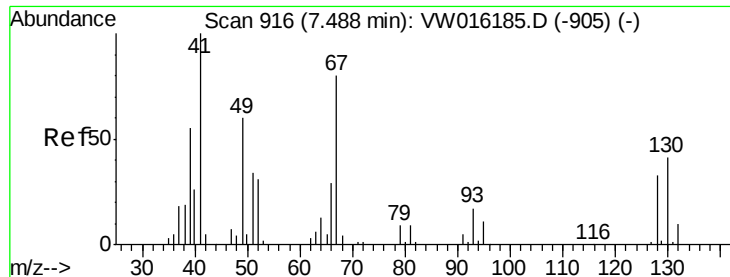
MMDadoda
8/17/2020 5:46:28 PM



#40
Benzene
Concen: 49.091 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	78	Resp	579932
Ion Ratio	Lower	Upper	
78	100		
77	23.3	18.6	28.0





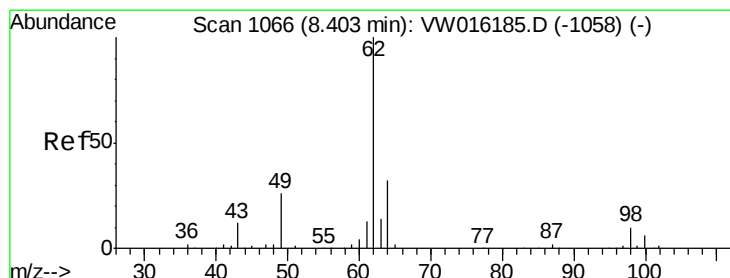
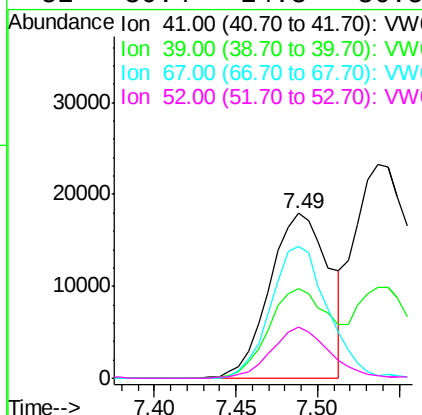
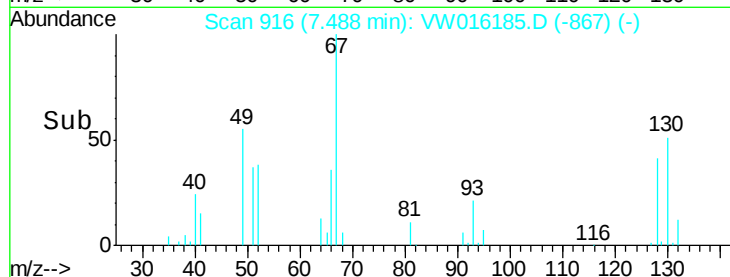
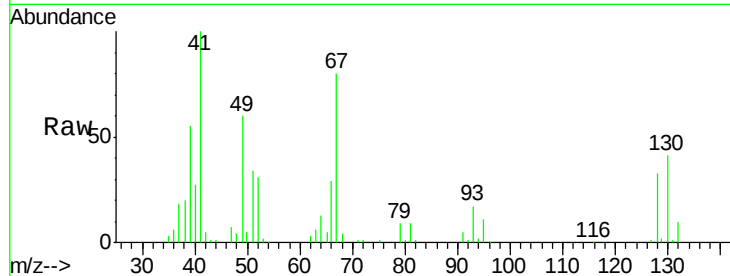
#41
Methacrylonitrile
Concen: 48.345 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	41	Resp	45591
Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.4	65.2
67	76.9	61.5	92.3
52	30.4	24.3	36.5

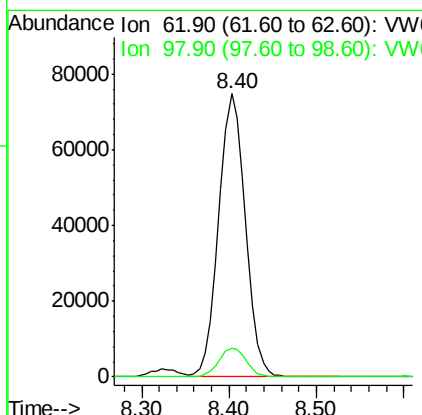
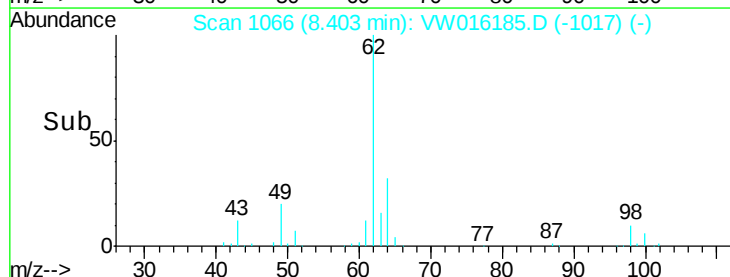
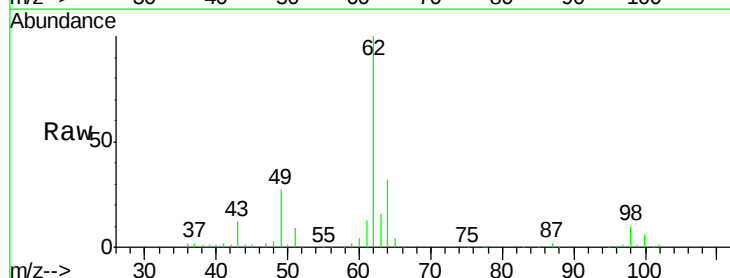
Manual Integrations
APPROVED

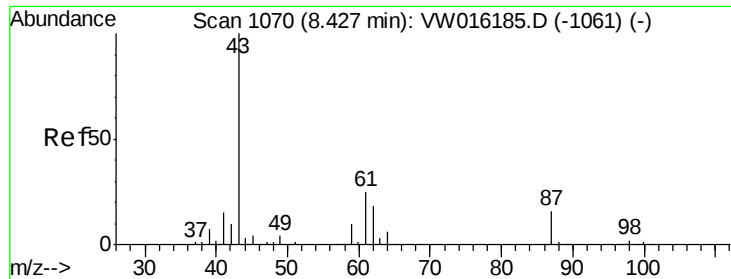
MMDadoda
8/17/2020 5:46:28 PM



#42
1,2-Dichloroethane
Concen: 44.072 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	62	Resp	158437
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8





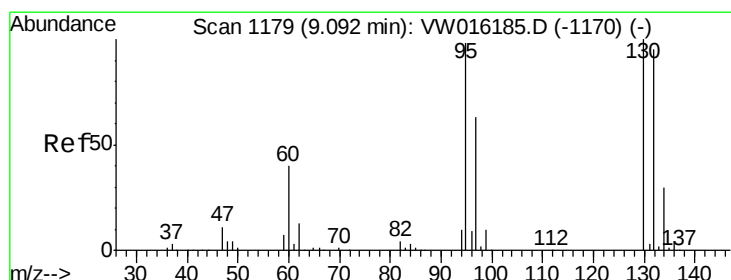
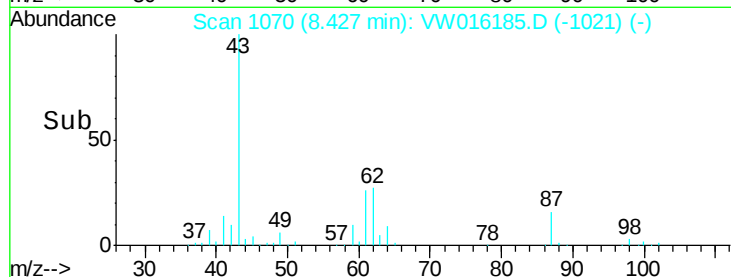
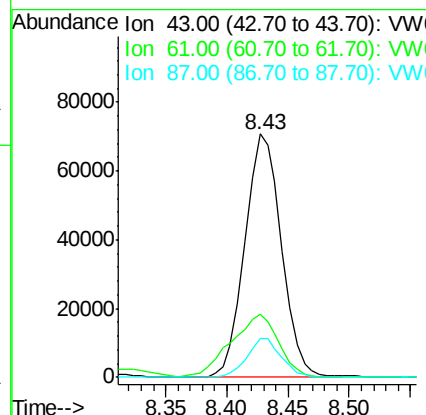
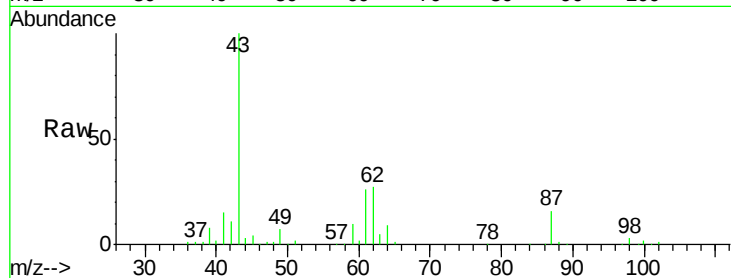
#43
Isopropyl Acetate
Concen: 45.839 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.6	26.9	40.3
87	15.0	12.0	18.0

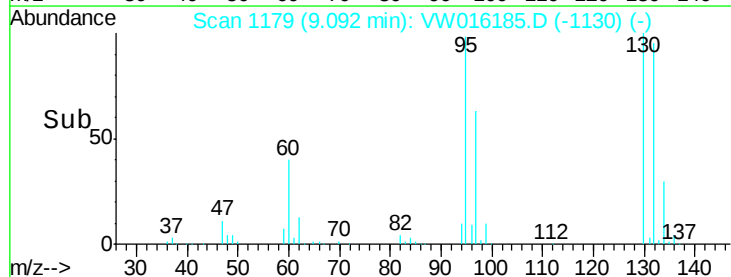
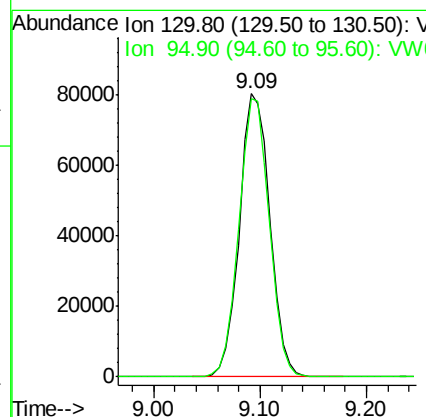
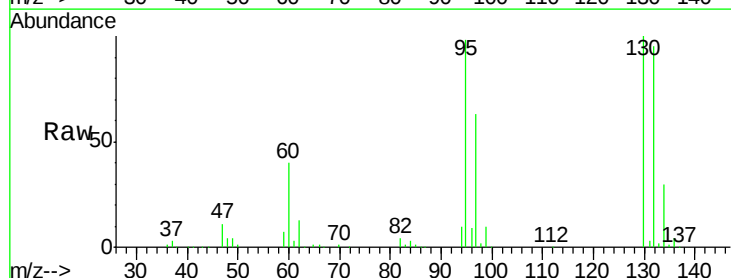
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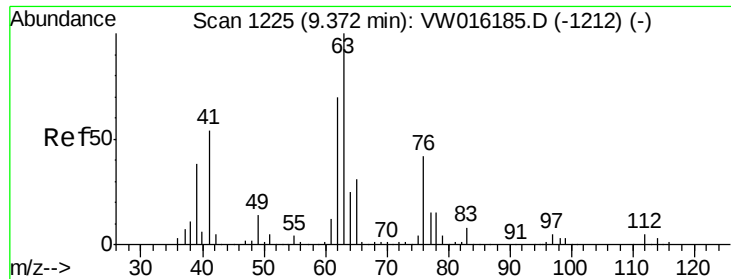
MMDadoda
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#44
Trichloroethene
Concen: 51.161 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	196.4





#45

1,2-Dichloropropane

Concen: 48.122 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 139073

Ion Ratio Lower Upper

63 100

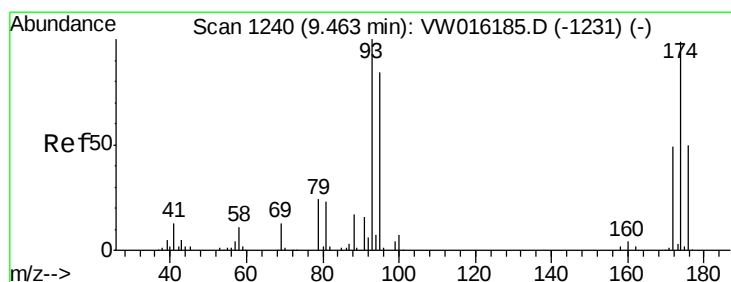
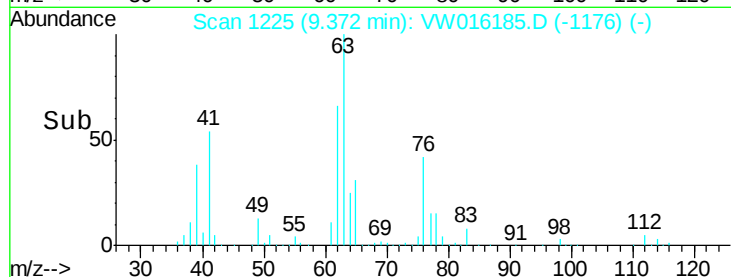
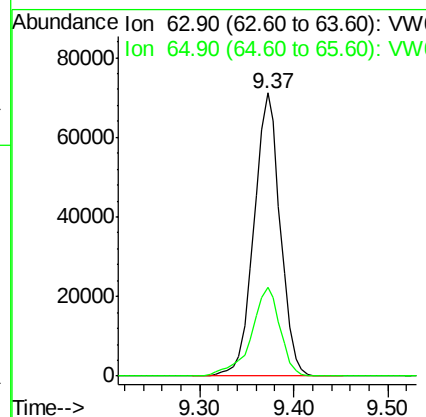
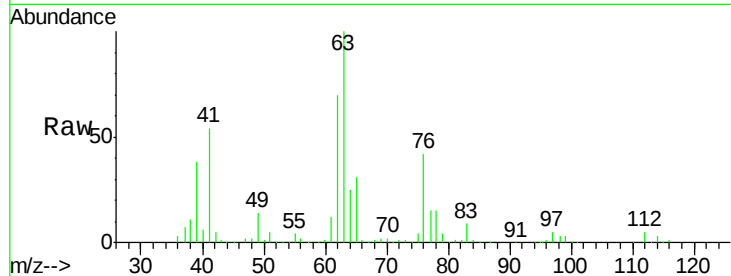
65 31.3 25.0 37.6

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#46

Dibromomethane

Concen: 50.346 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

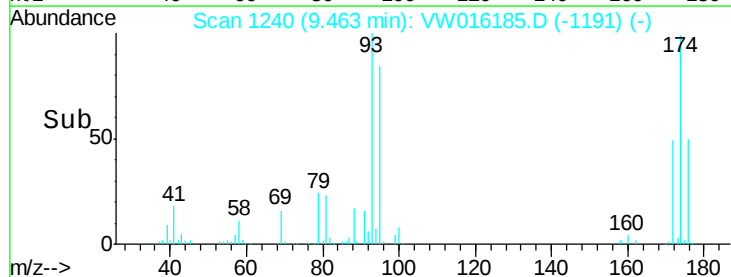
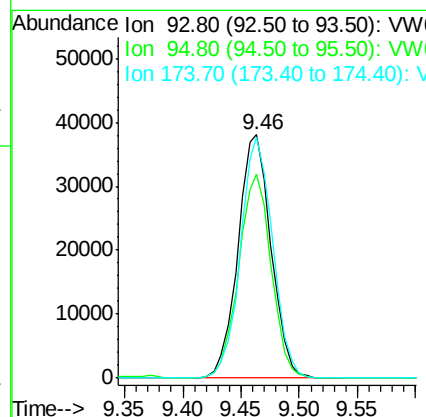
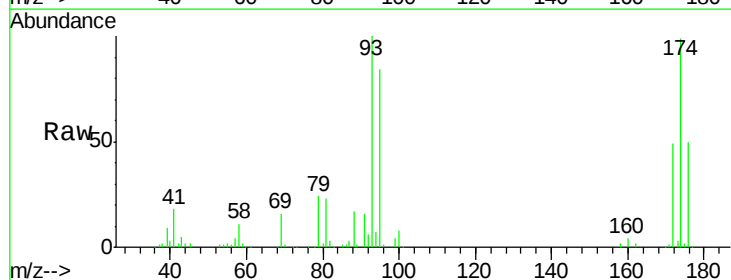
Tgt Ion: 93 Resp: 75368

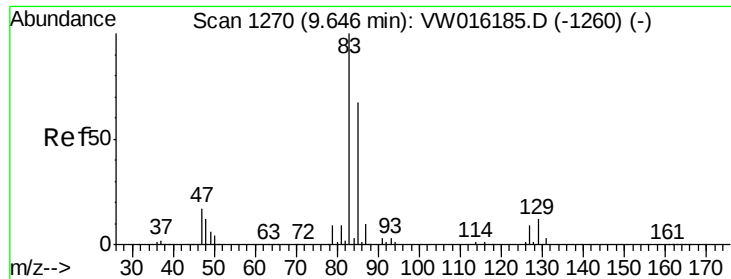
Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

174 96.3 77.0 115.6





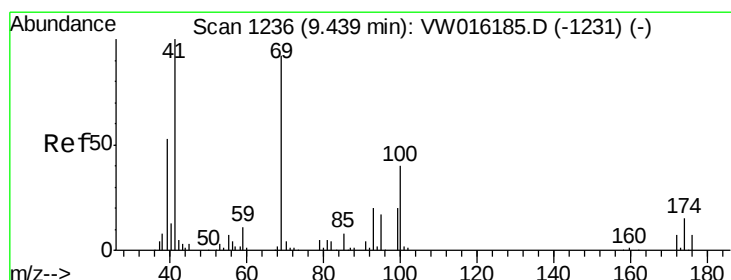
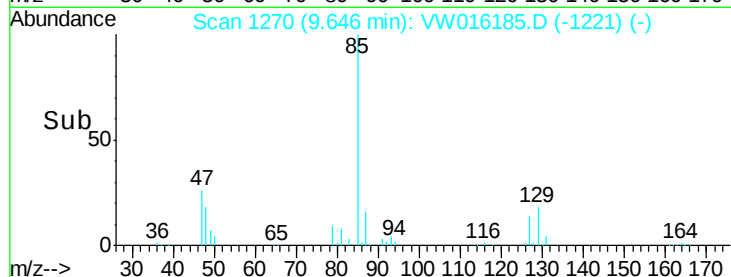
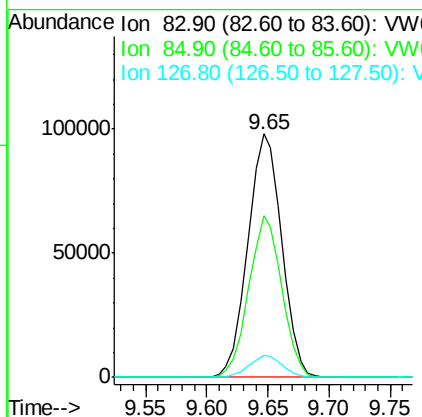
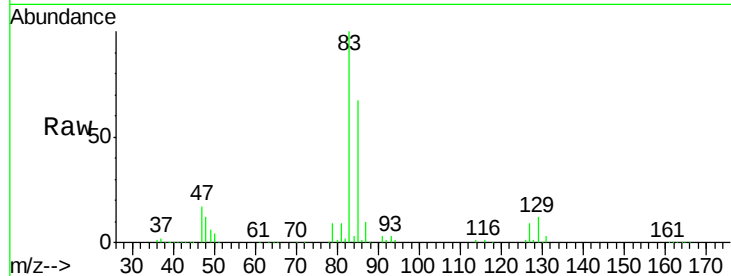
#47
Bromodichloromethane
Concen: 49.081 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	188923
Ion Ratio	100	Lower	Upper
83	100		
85	66.6	53.3	79.9
127	9.3	7.4	11.2

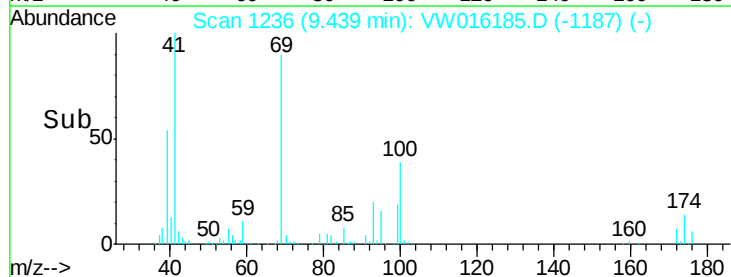
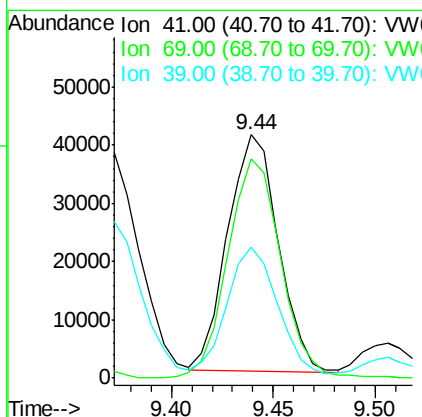
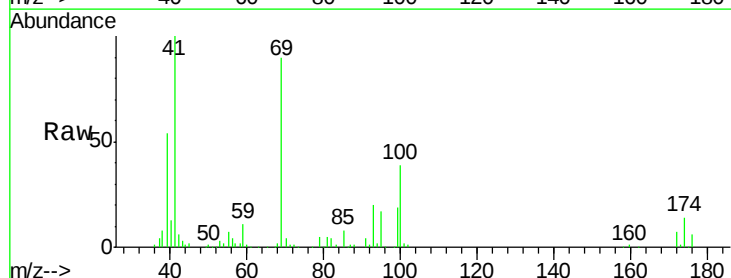
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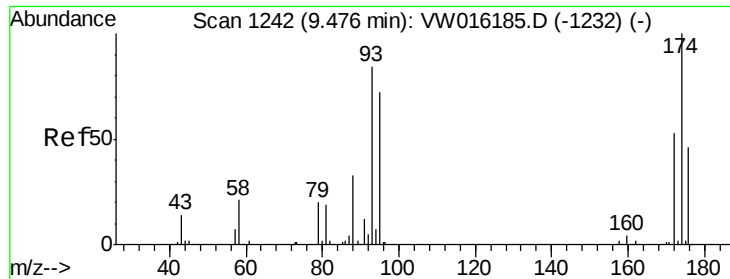
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#48
Methyl methacrylate
Concen: 47.818 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	41	Resp	70156
Ion Ratio	100	Lower	Upper
41	100		
69	96.7	77.4	116.0
39	52.7	42.2	63.2





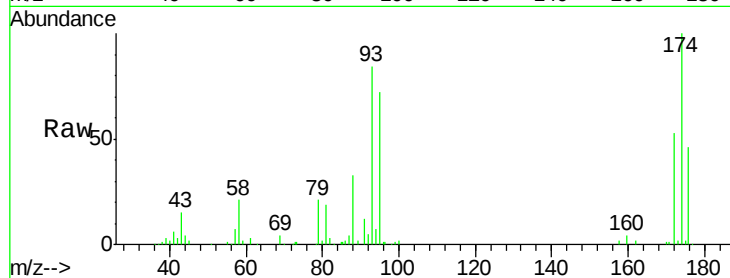
#49
1,4-Dioxane
Concen: 1146.870 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

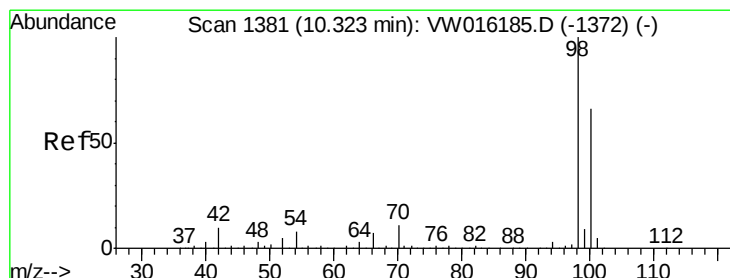
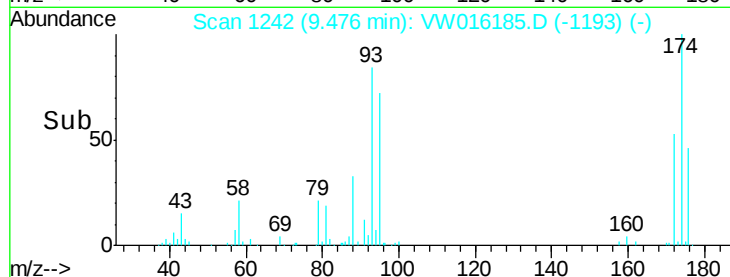
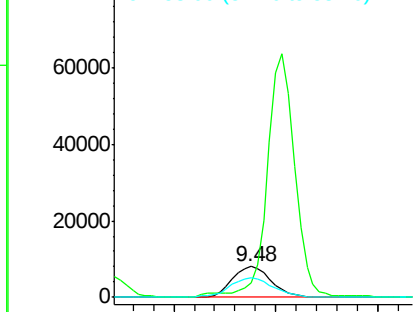
Tot Ion	88	Resp	21518
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.7	56.6	84.8

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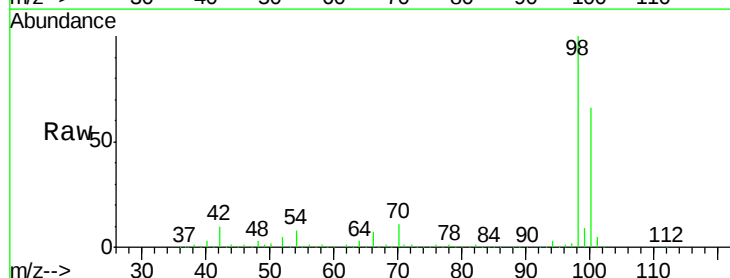


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

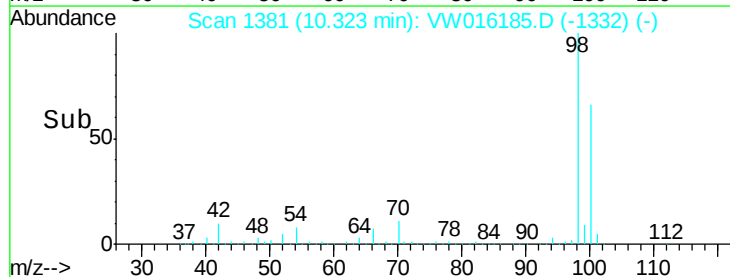
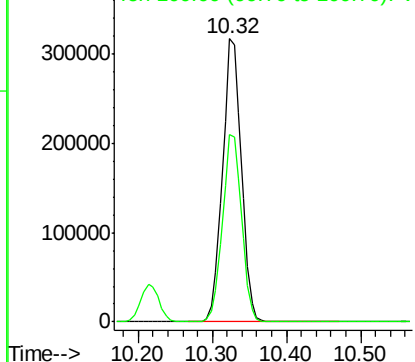


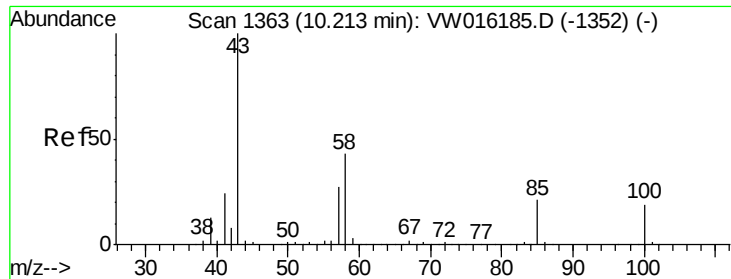
#50
Toluene-d8
Concen: 55.112 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	98	Resp	558691
Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.5	80.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 241.601 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 380037

Ion Ratio Lower Upper

43 100

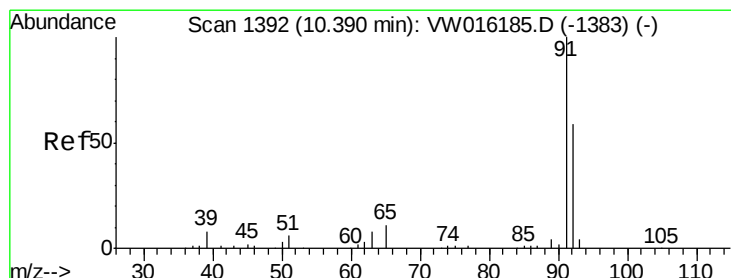
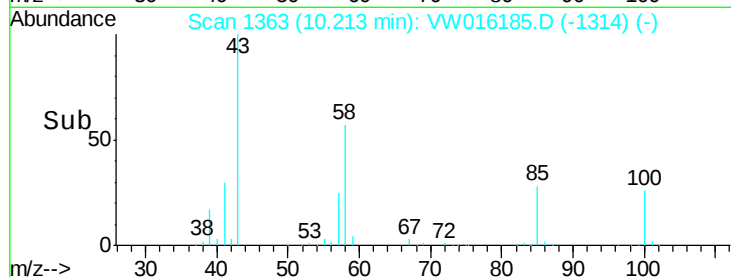
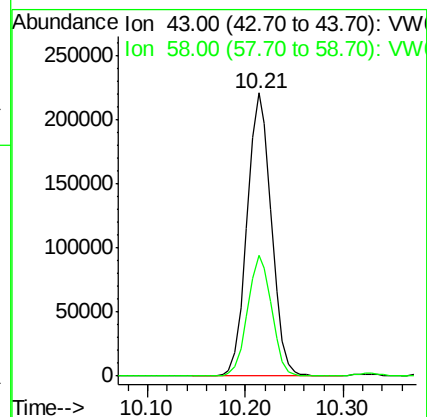
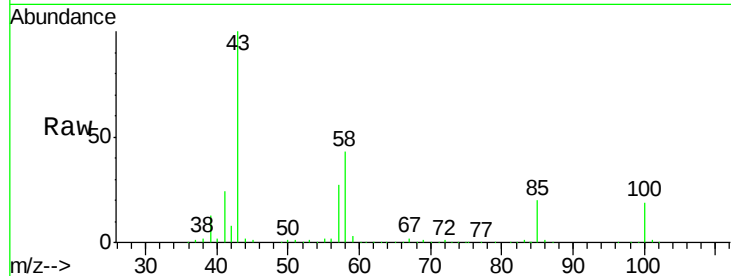
58 42.1 33.7 50.5

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#52

Toluene

Concen: 50.253 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016185.D

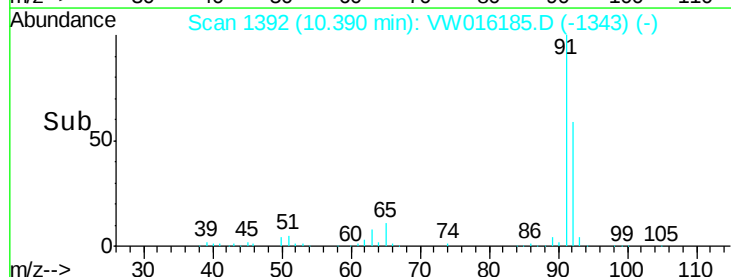
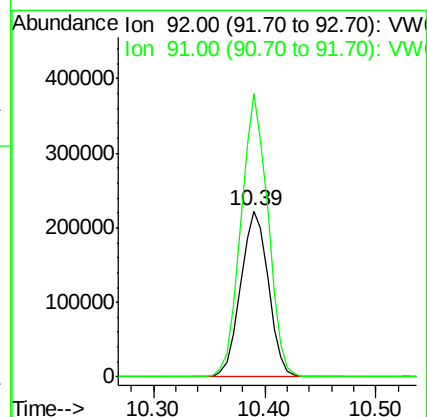
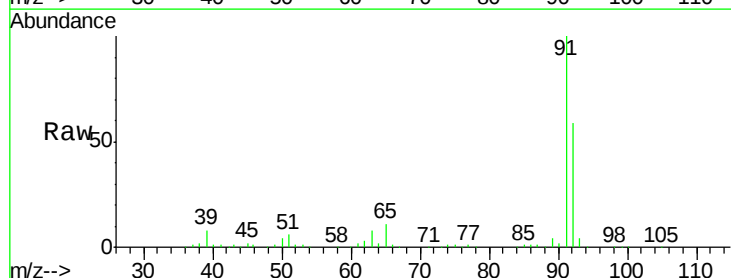
Acq: 14 Aug 2020 11:01

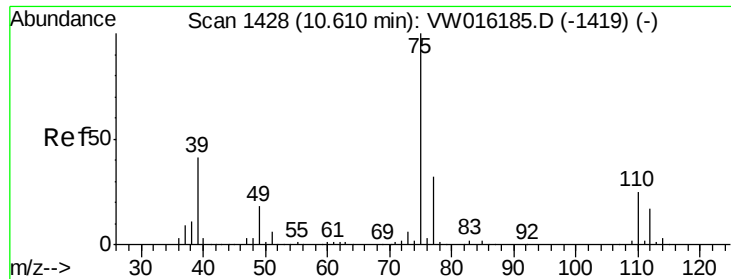
Tgt Ion: 92 Resp: 382709

Ion Ratio Lower Upper

92 100

91 166.6 133.3 199.9





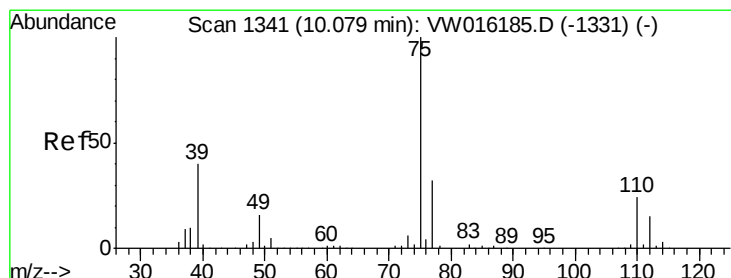
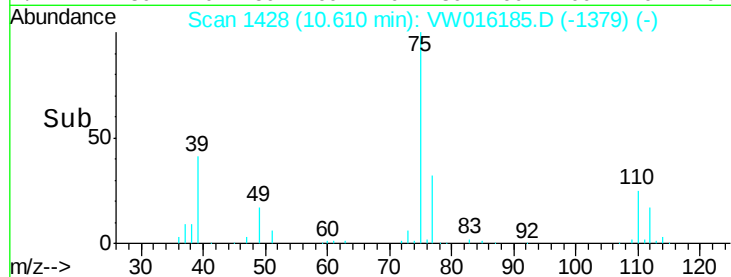
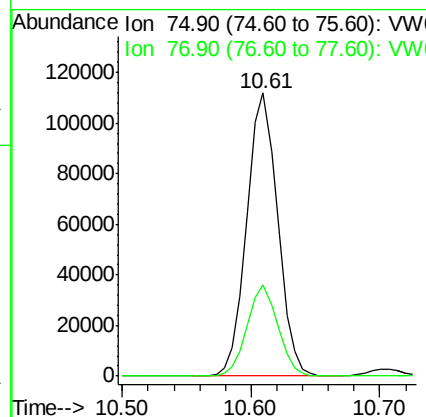
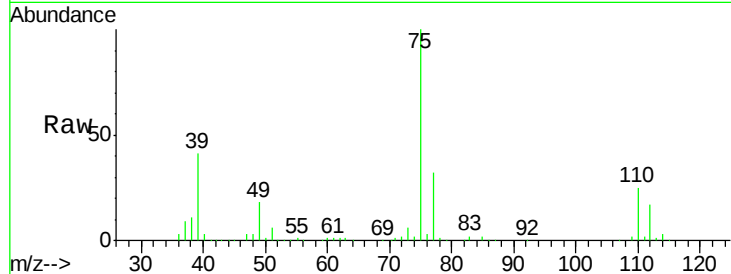
#53
t-1,3-Dichloropropene
Concen: 50.358 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 185457
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

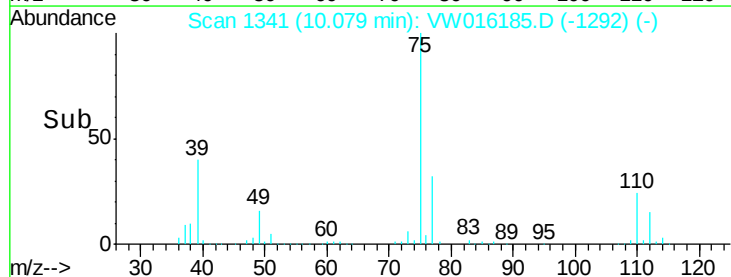
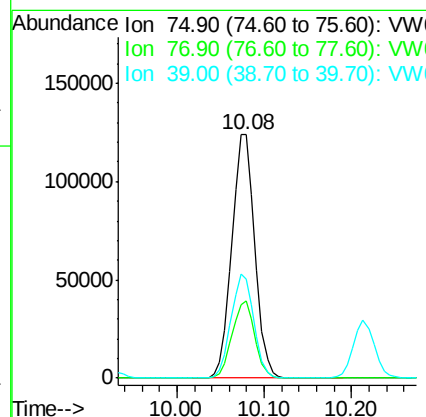
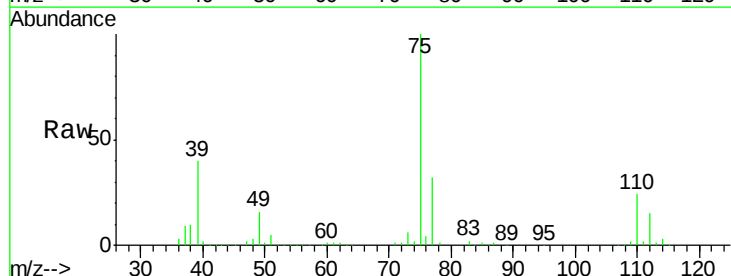
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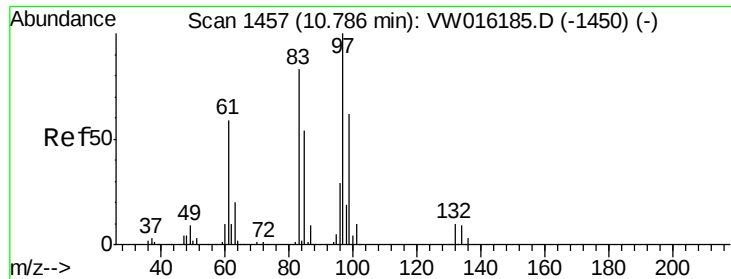
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#54
cis-1,3-Dichloropropene
Concen: 51.036 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion: 75 Resp: 226317
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 40.4 32.3 48.5





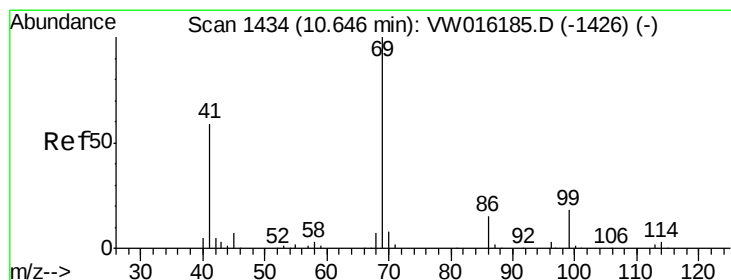
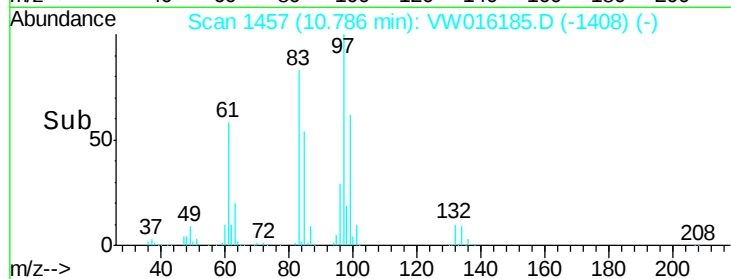
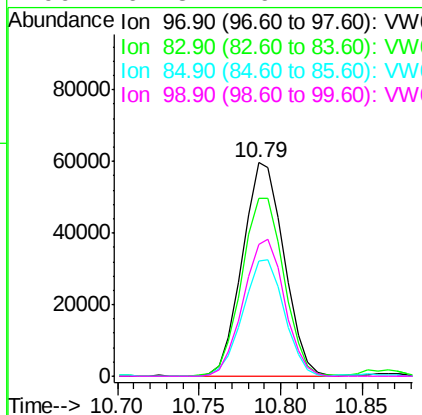
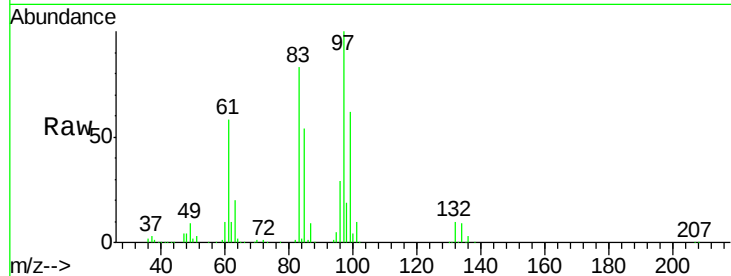
#55
 1,1,2-Trichloroethane
 Concen: 50.904 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		105750		
83	83.3	66.6	100.0		
85	53.7	43.0	64.4		
99	61.8	49.4	74.2		

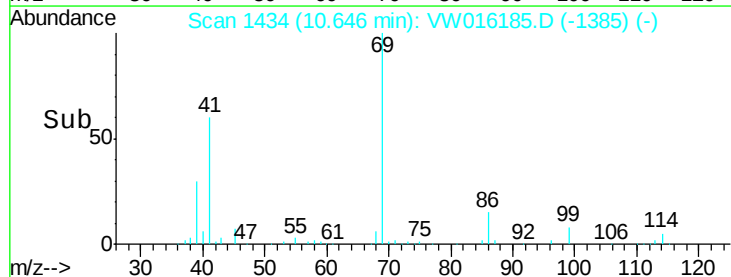
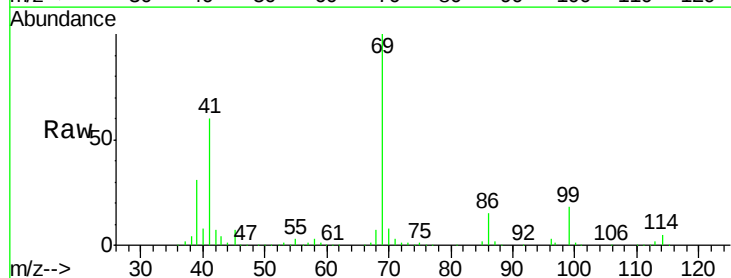
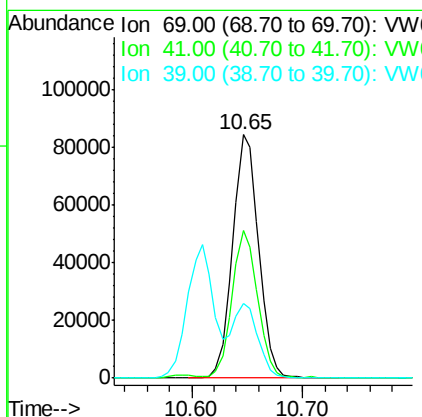
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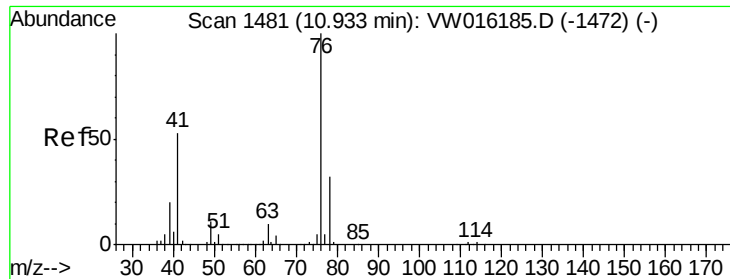
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#56
 Ethyl methacrylate
 Concen: 53.486 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		136580		
41	59.5	47.6	71.4		
39	30.7	24.6	36.8		





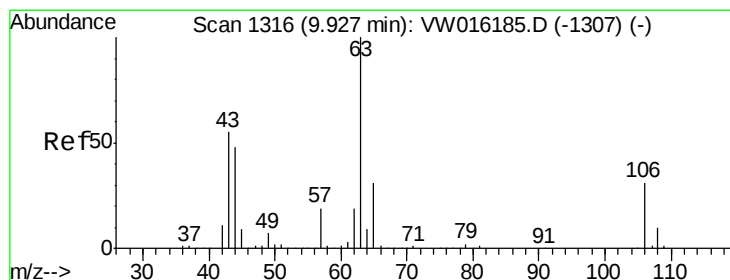
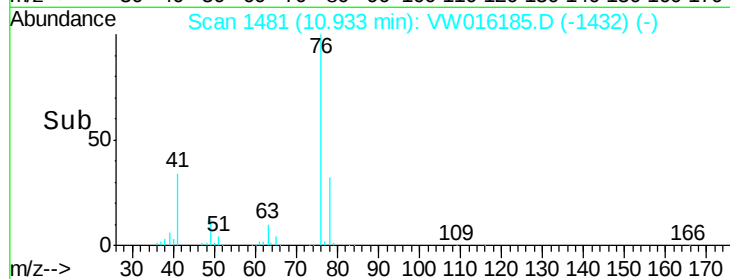
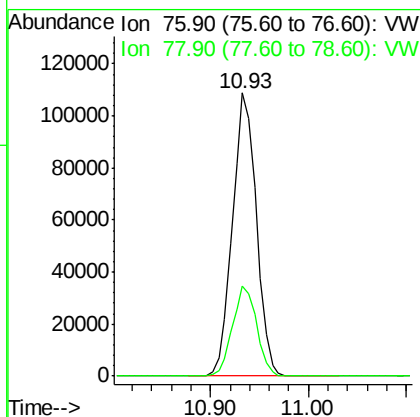
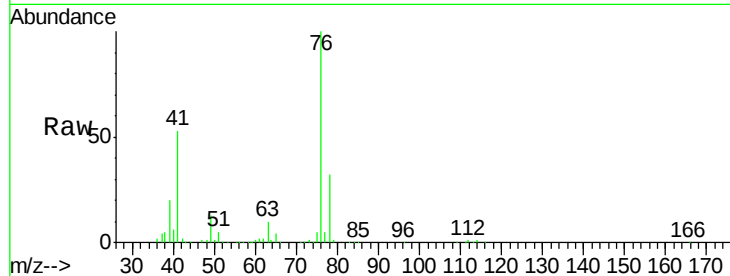
#57
 1,3-Dichloropropane
 Concen: 50.212 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 184422
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8

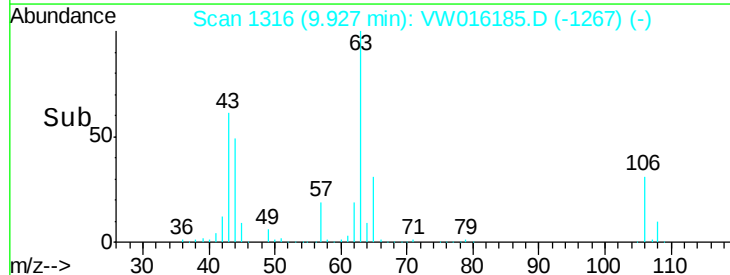
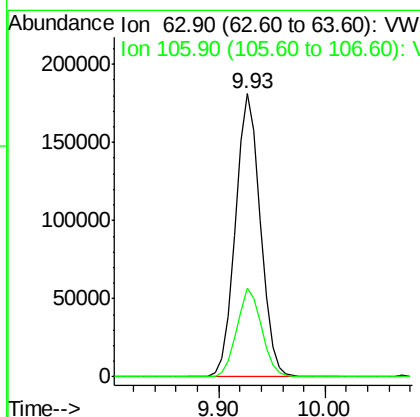
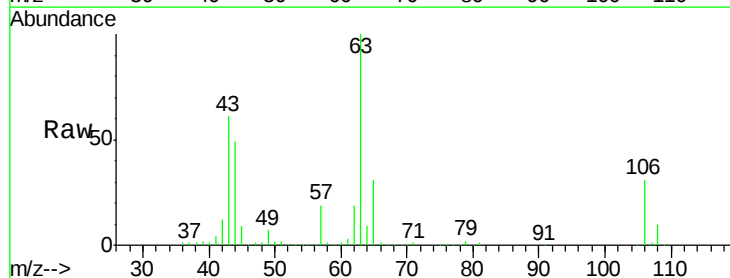
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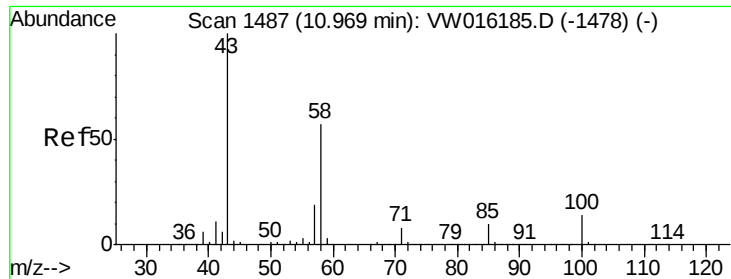
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#58
 2-Chloroethyl Vinyl ether
 Concen: 242.222 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion: 63 Resp: 298768
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.9 37.3





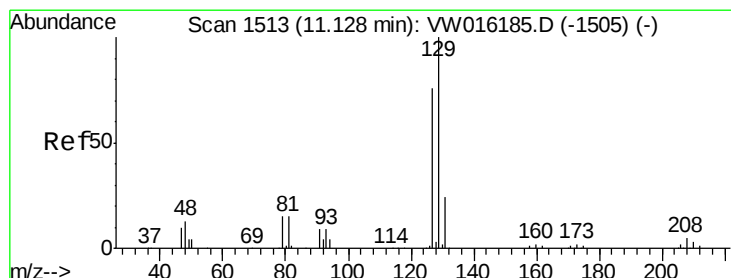
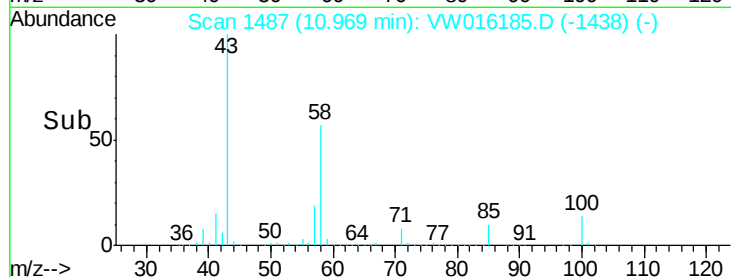
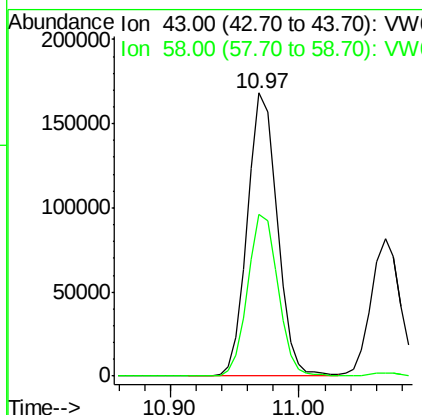
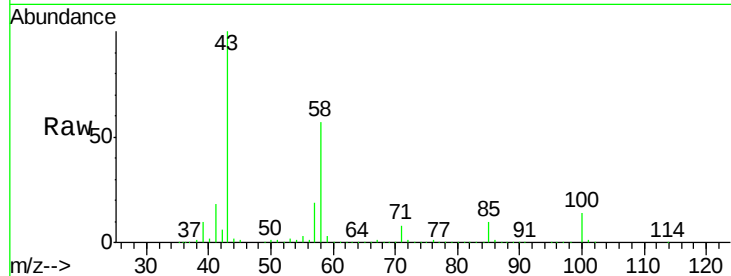
#59
2-Hexanone
Concen: 256.447 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.7	28.8	86.5

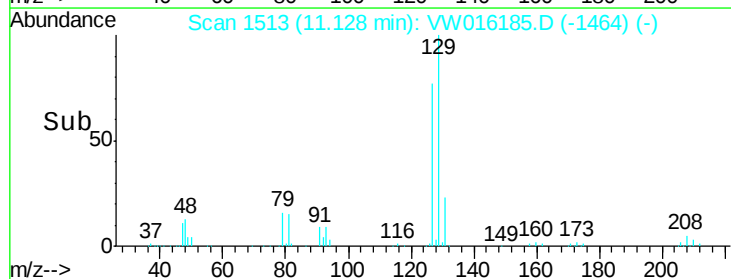
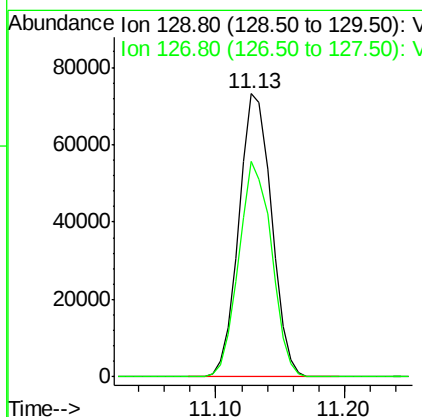
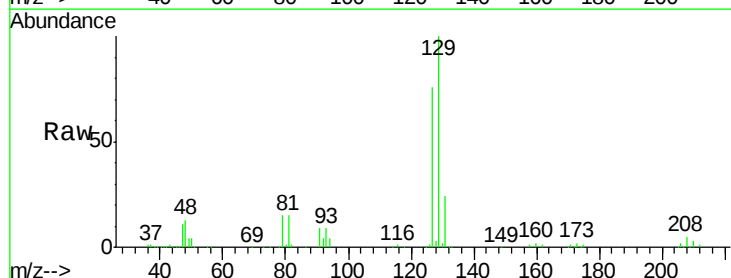
Manual Integrations
APPROVED

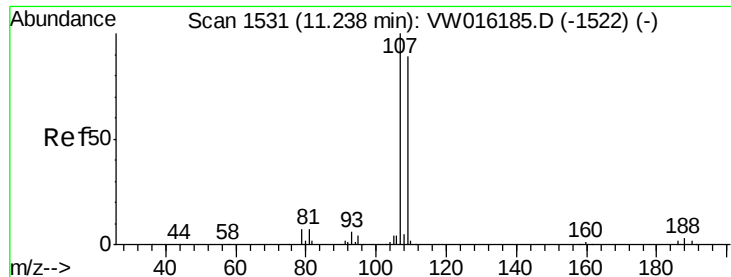
MMDadoda
8/17/2020 5:46:28 PM



#60
Dibromochloromethane
Concen: 53.133 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.3	114.8





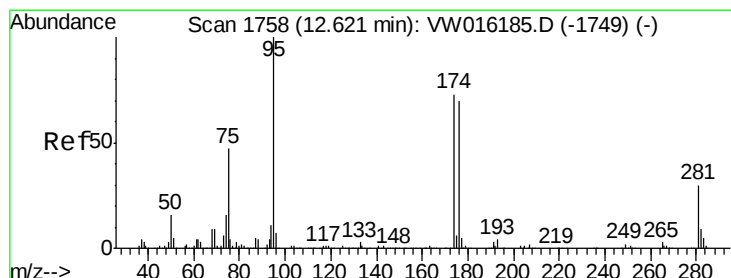
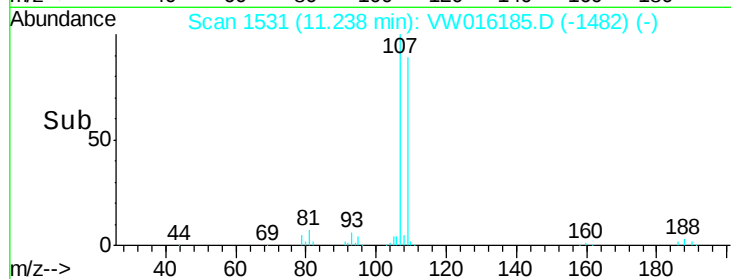
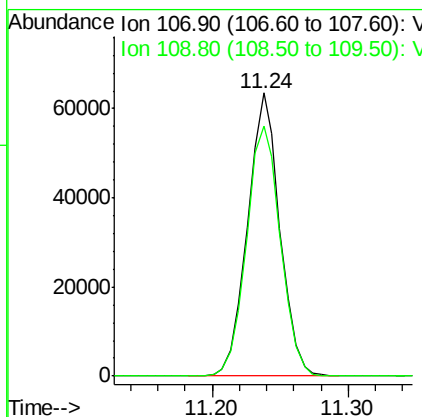
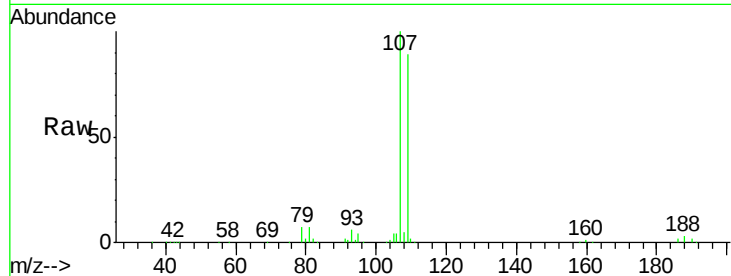
#61
 1,2-Dibromoethane
 Concen: 52.369 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	105115		
109	93.4	74.7	112.1	

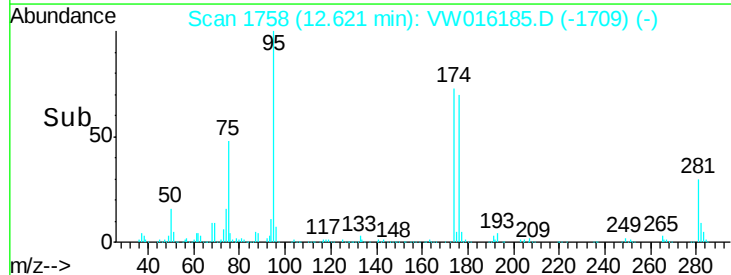
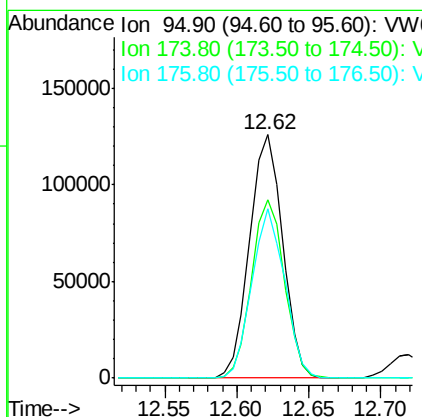
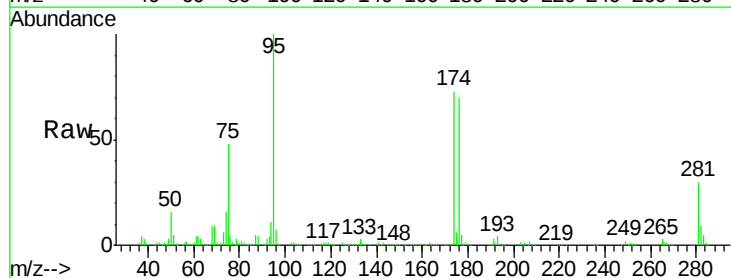
Manual Integrations
 APPROVED

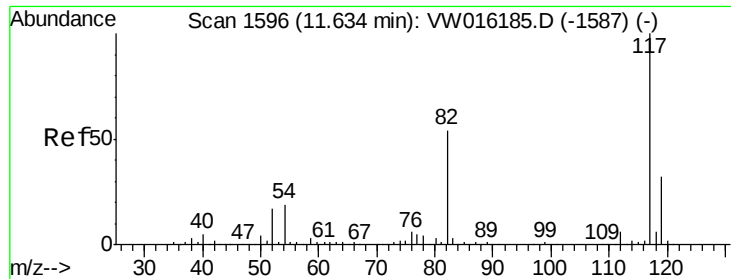
MMDadoda
 8/17/2020 5:46:28 PM



#62
 4-Bromofluorobenzene
 Concen: 54.437 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	200111		
174	72.8	0.0	145.6	
176	68.9	0.0	137.8	





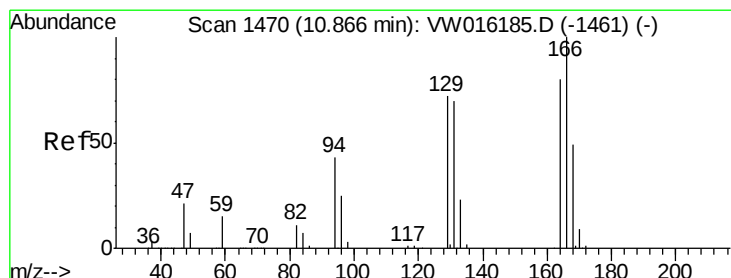
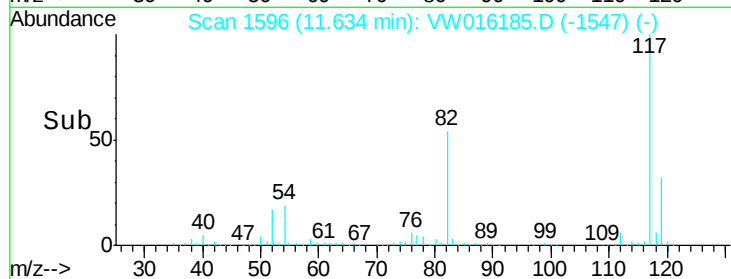
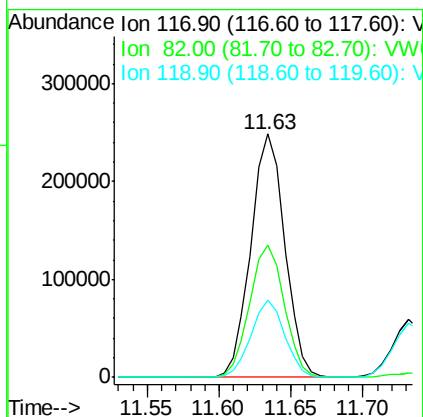
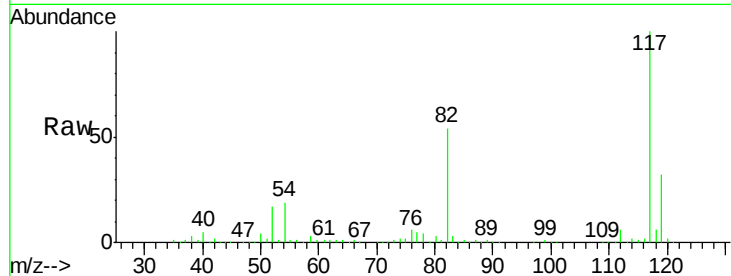
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	405575		
82	54.5	43.6	65.4	
119	31.7	25.4	38.0	

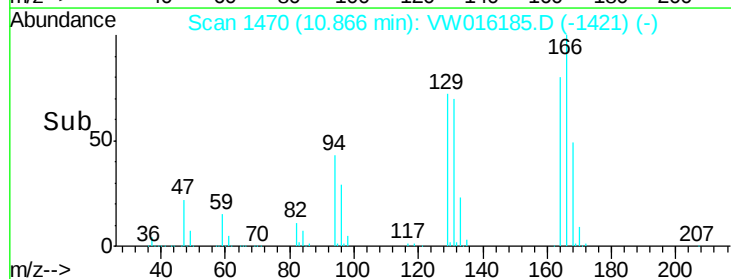
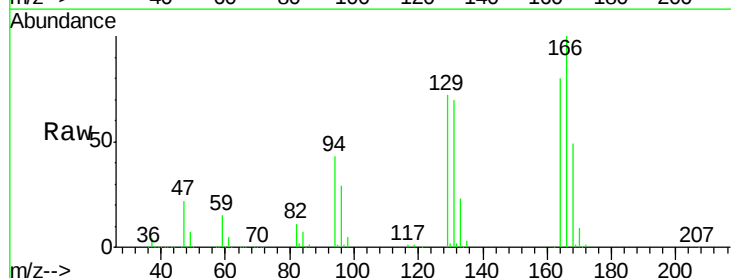
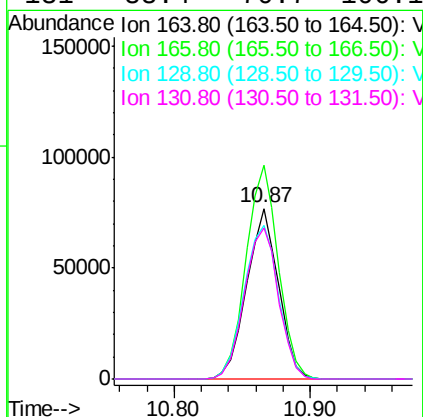
Manual Integrations
APPROVED

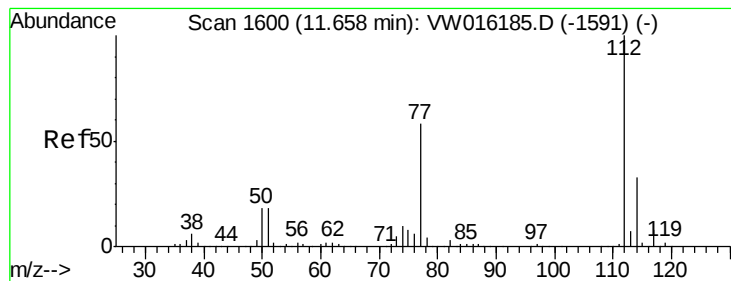
MMDadoda
8/17/2020 5:46:28 PM



#64
Tetrachloroethene
Concen: 48.982 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	125562		
166	125.4	100.3	150.5	
129	90.3	72.2	108.4	
131	88.4	70.7	106.1	





#65

Chlorobenzene

Concen: 48.908 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 386465

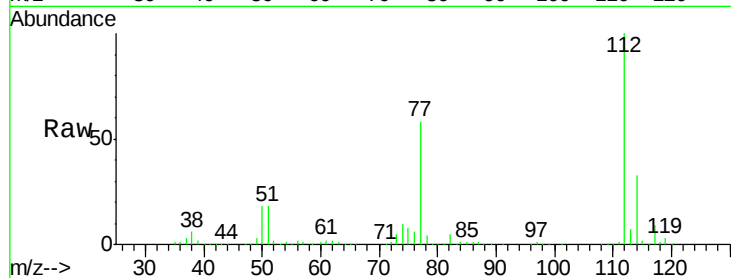
Ion Ratio Lower Upper

112 100

114 33.2 26.6 39.8

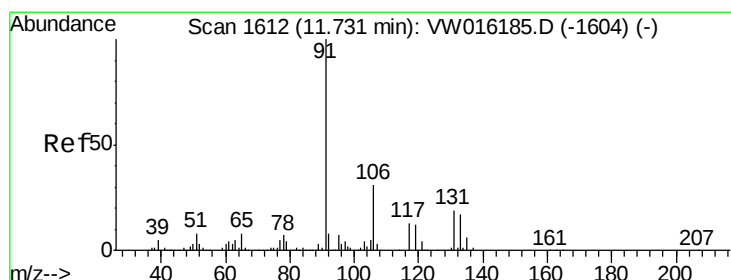
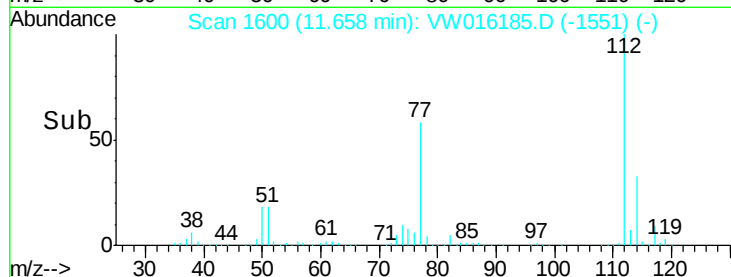
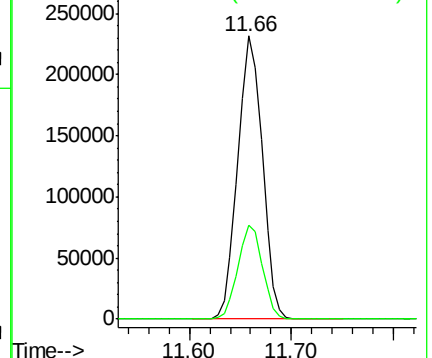
Manual Integrations
APPROVED

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8/17/2020 5:46:28 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.069 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

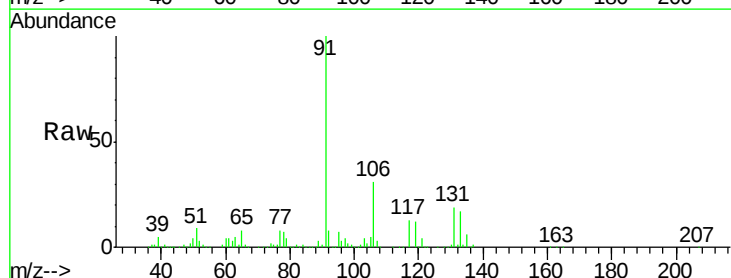
Tgt Ion:131 Resp: 139893

Ion Ratio Lower Upper

131 100

133 94.2 47.1 141.3

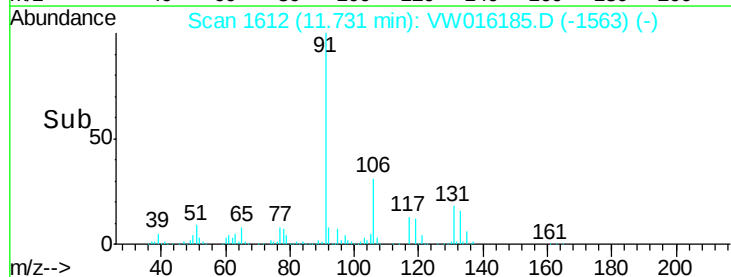
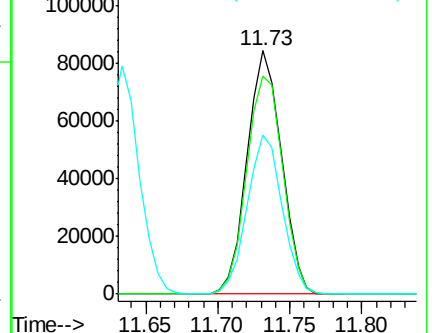
119 66.2 33.1 99.3

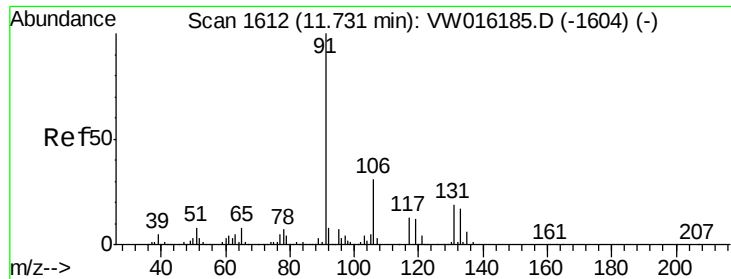


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





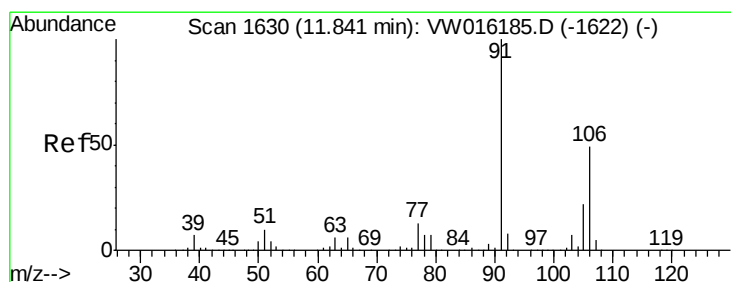
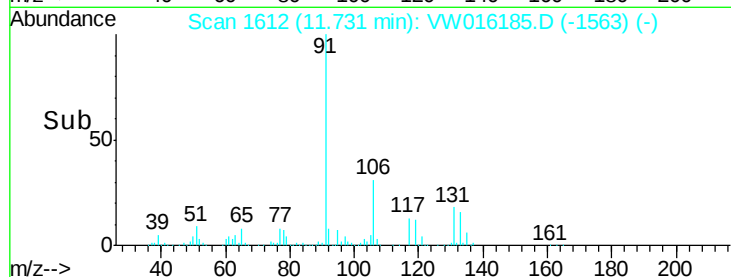
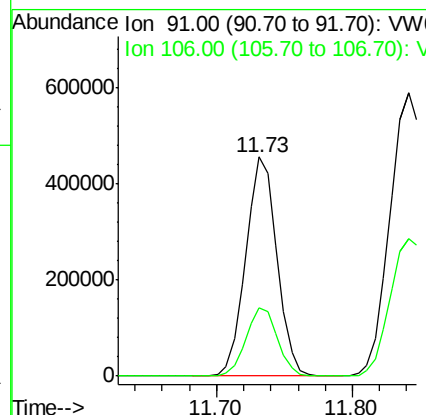
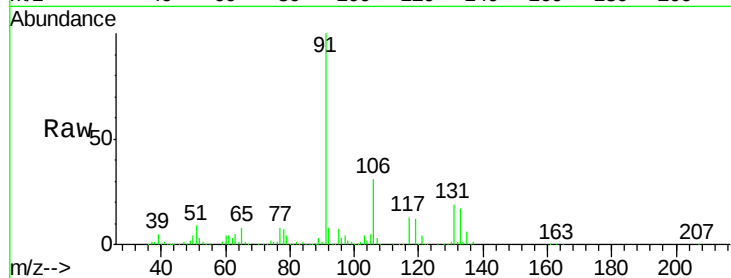
#67
Ethyl Benzene
Concen: 49.822 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 729091
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

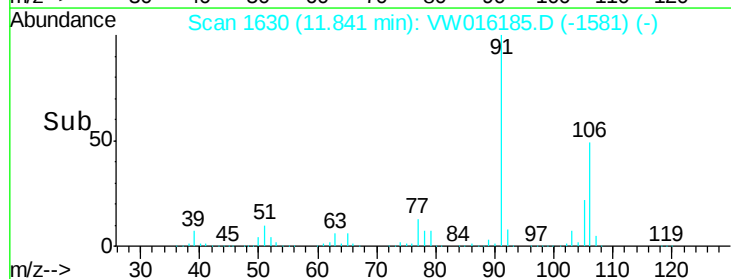
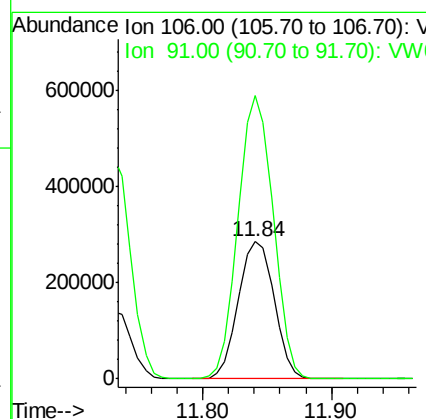
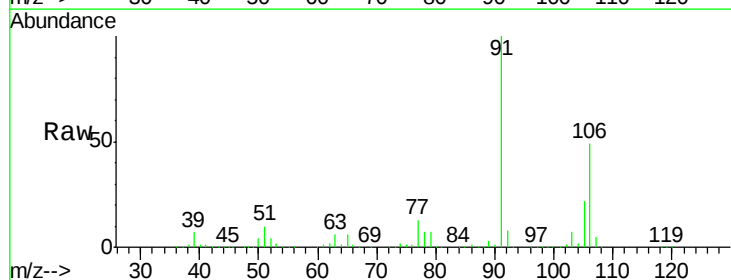
Manual Integrations
APPROVED

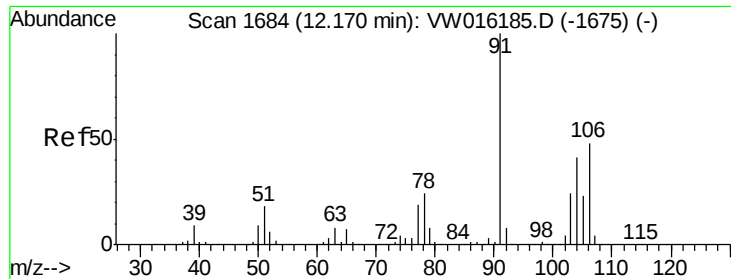
MMDadoda
8/17/2020 5:46:28 PM



#68
m/p-Xylenes
Concen: 100.642 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion: 106 Resp: 553239
Ion Ratio Lower Upper
106 100
91 201.8 161.4 242.2





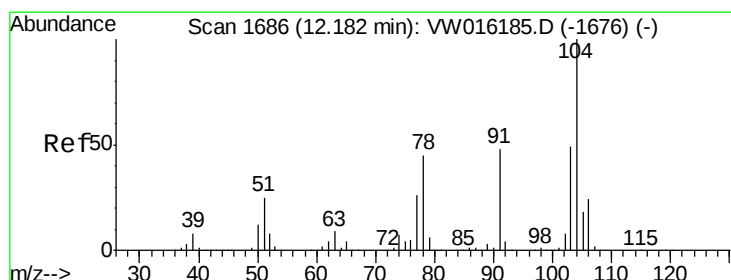
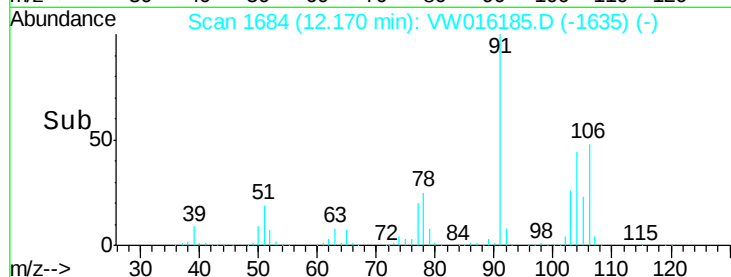
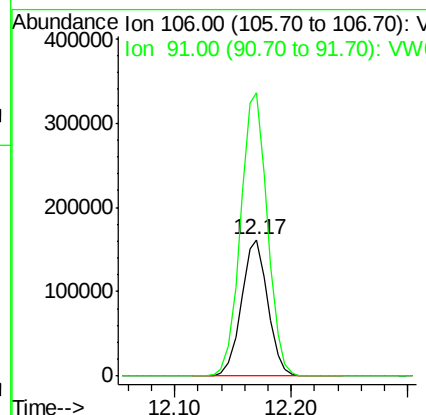
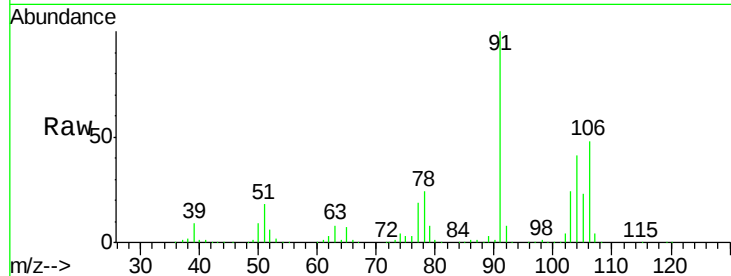
#69
o-Xylene
Concen: 50.641 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.9	106.0	317.9

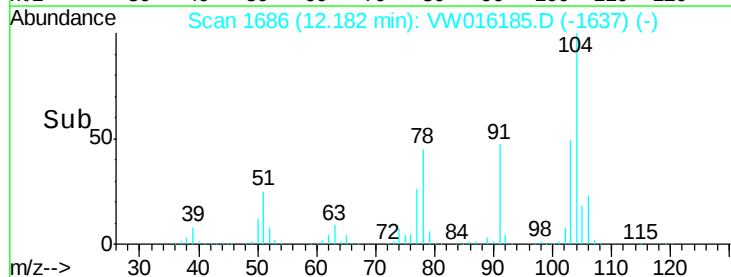
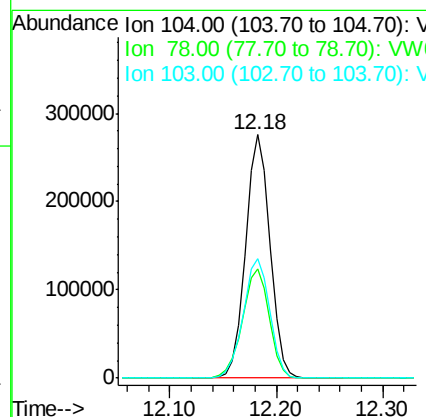
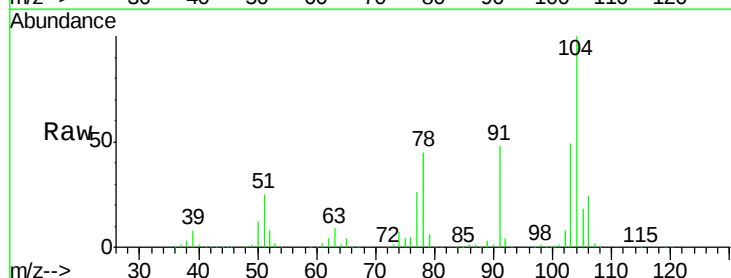
Manual Integrations
APPROVED

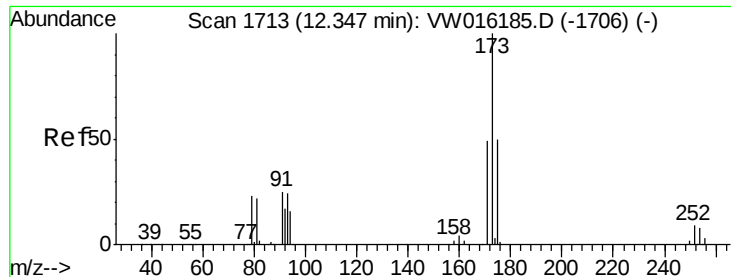
MMDadoda
8/17/2020 5:46:28 PM



#70
Styrene
Concen: 51.355 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.3	39.4	59.2
103	53.6	42.9	64.3





#71

Bromoform

Concen: 52.345 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 66586

Ion Ratio Lower Upper

173 100

175 49.4 24.7 74.1

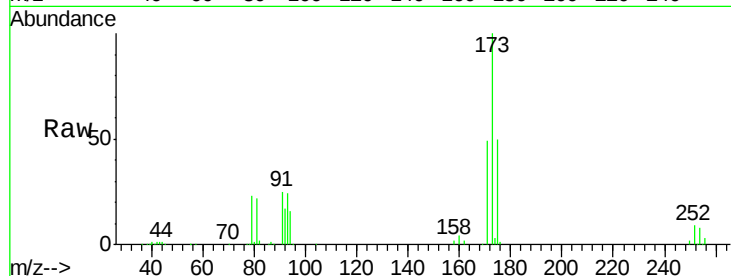
254 0.0 0.0 0.0#

Manual Integrations

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MMDadoda

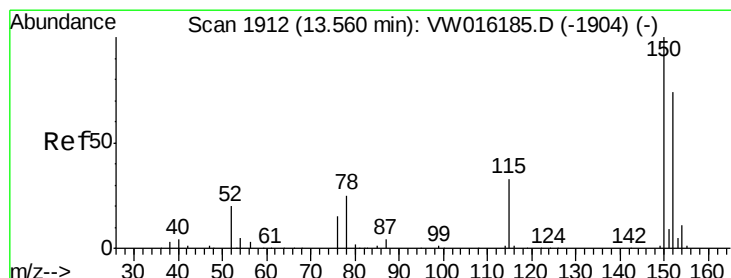
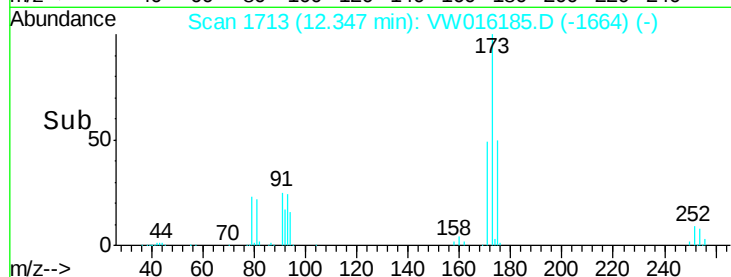
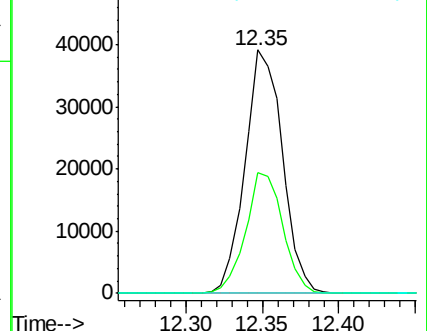
8/17/2020 5:46:28 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

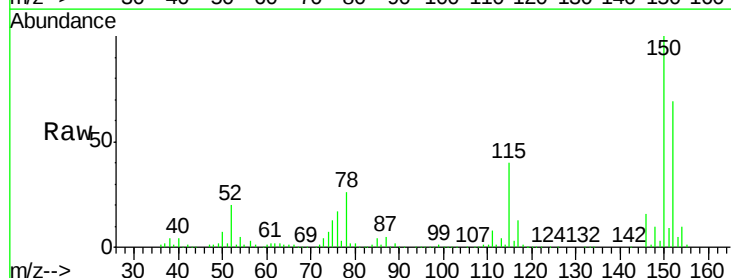
Tgt Ion:152 Resp: 186875

Ion Ratio Lower Upper

152 100

115 61.7 30.9 92.5

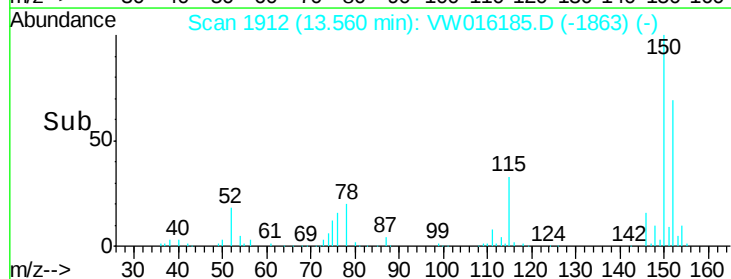
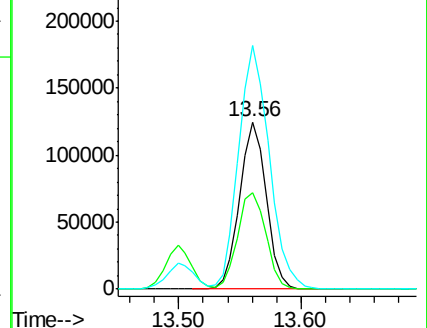
150 168.9 0.0 337.8

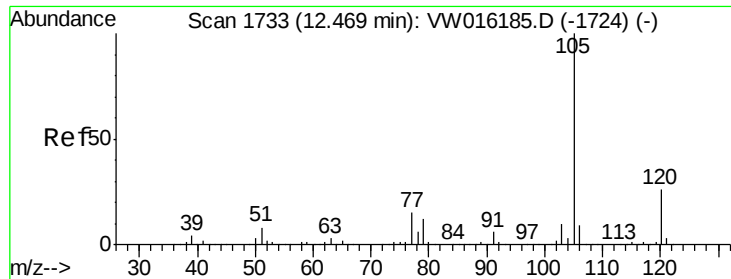


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





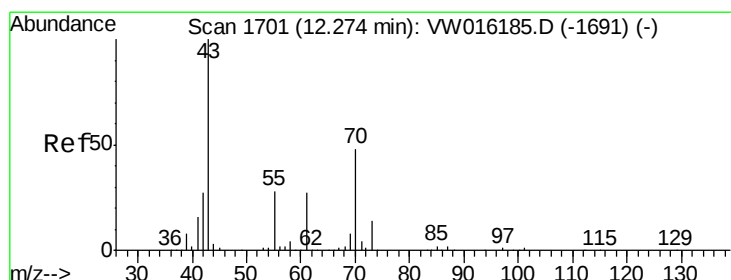
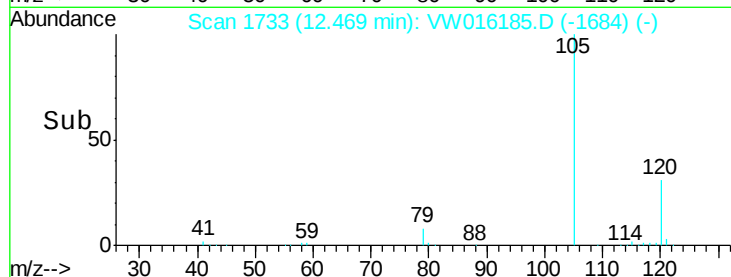
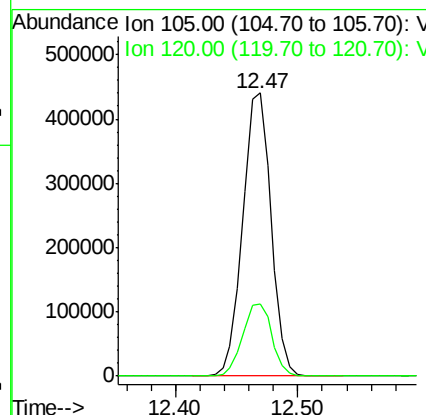
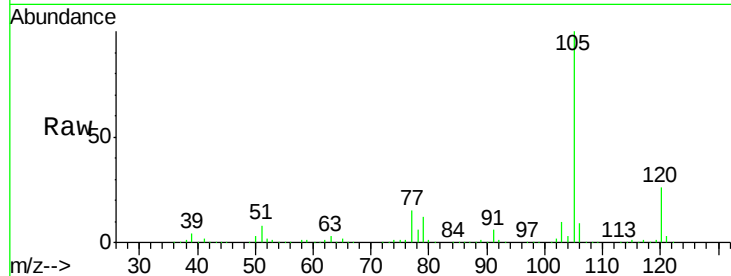
#73
Isopropylbenzene
Concen: 53.064 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:105 Resp: 703956
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6

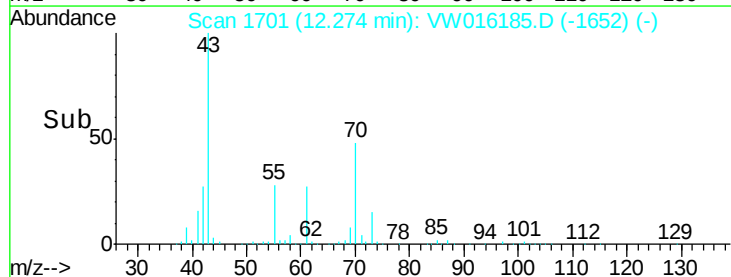
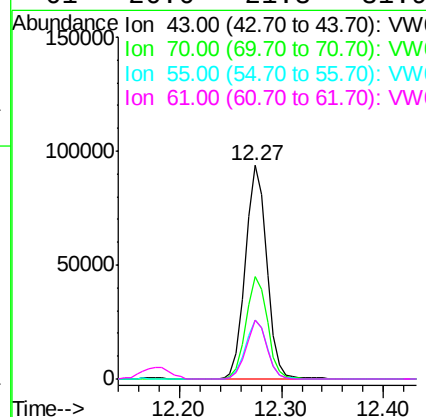
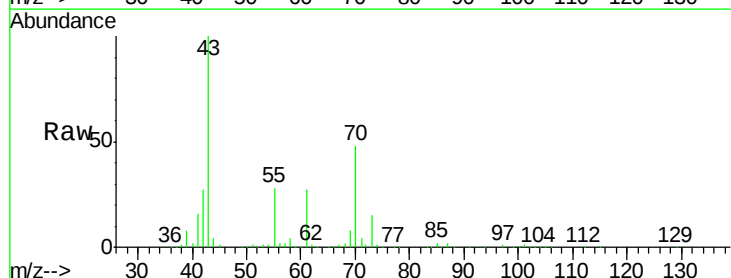
Manual Integrations
APPROVED

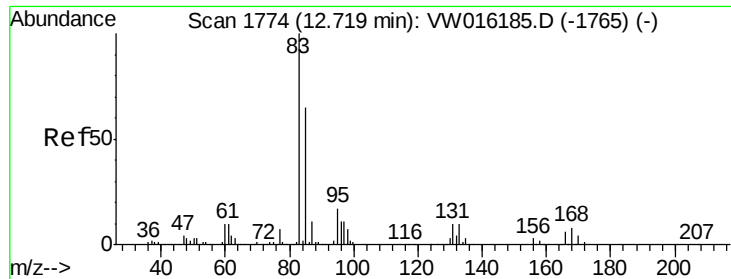
MMDadoda
8/17/2020 5:46:28 PM



#74
N-ethyl acetate
Concen: 49.009 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion: 43 Resp: 136129
Ion Ratio Lower Upper
43 100
70 48.3 38.6 58.0
55 27.7 22.2 33.2
61 26.6 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 54.840 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

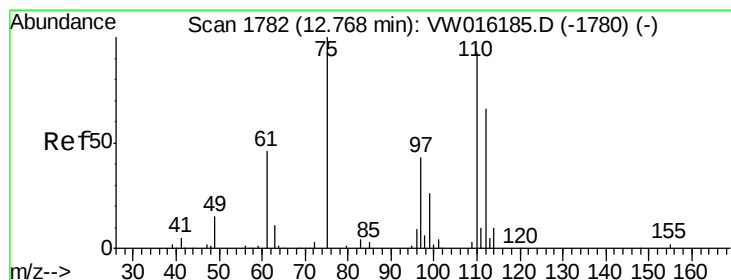
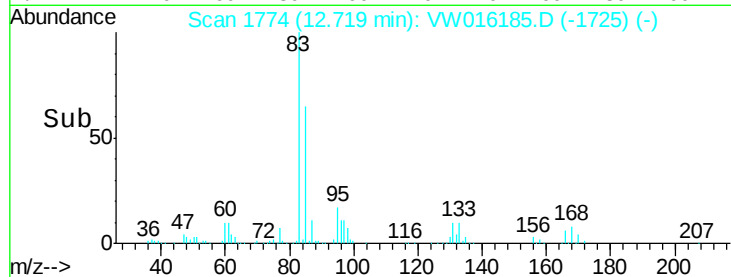
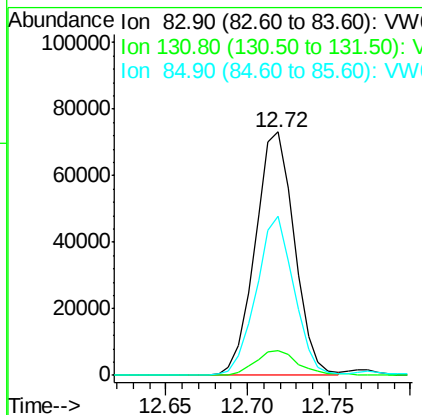
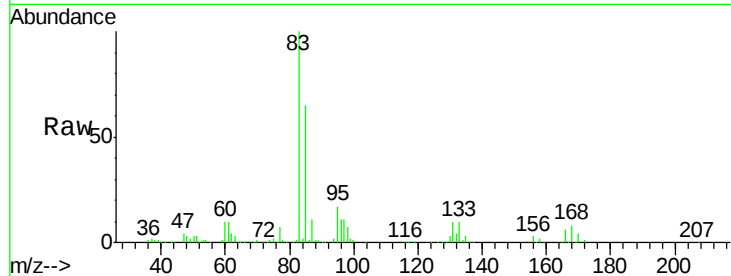
ClientSampled :

VSTDICCC050

Tot Ion:	83	Resp:	121744
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	62.6	31.3	93.9

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#76

1,2,3-Trichloropropane

Concen: 52.199 ug/l m

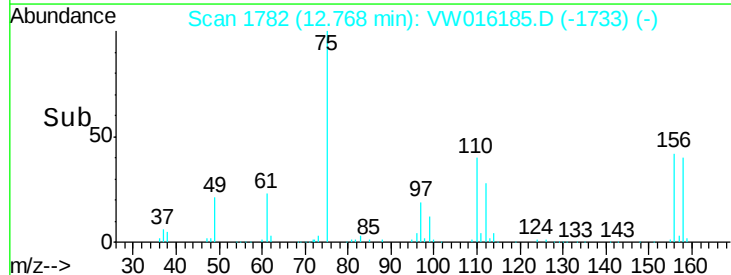
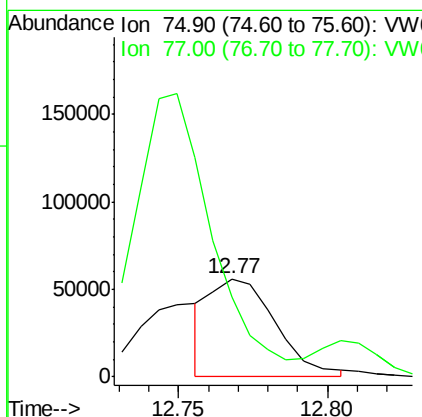
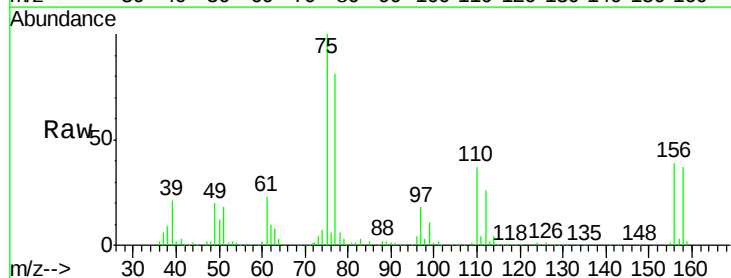
RT: 12.77 min Scan# 1782

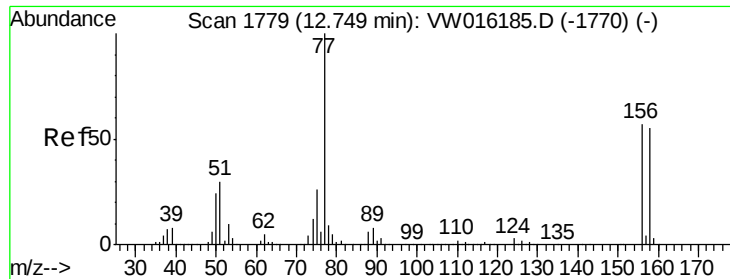
Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Tgt Ion:	75	Resp:	86357
Ion Ratio	Lower	Upper	
75	100		
77	341.3	173.6	520.6





#77

Bromobenzene

Concen: 50.748 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016185.D

Acq: 14 Aug 2020 11:01

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion:156 Resp: 150583

Ion Ratio Lower Upper

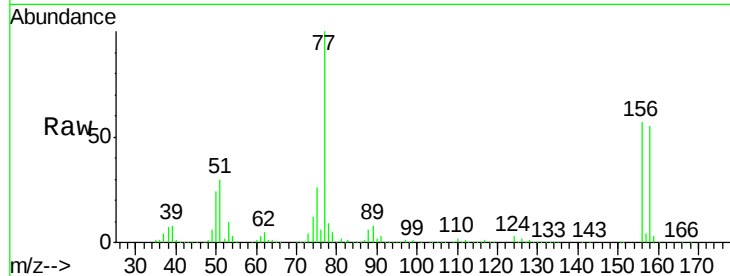
156 100

77 195.7 97.9 293.6

158 98.1 49.0 147.2

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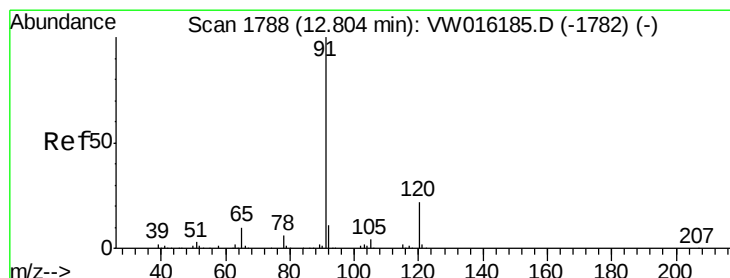
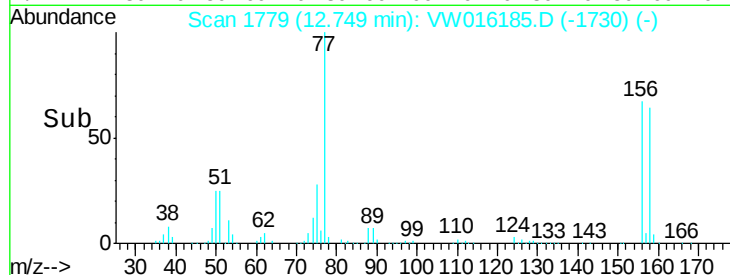
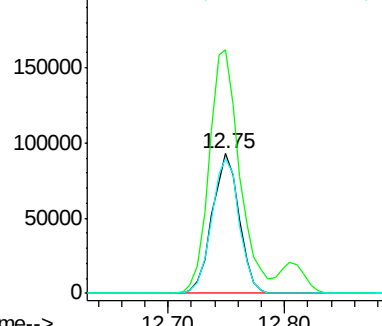
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.088 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016185.D

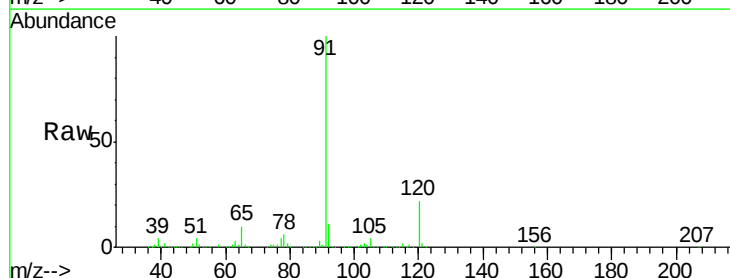
Acq: 14 Aug 2020 11:01

Tgt Ion: 91 Resp: 835716

Ion Ratio Lower Upper

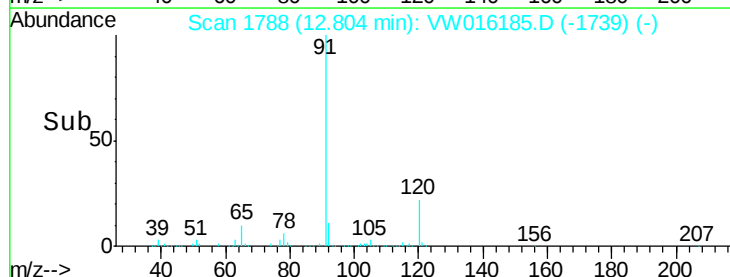
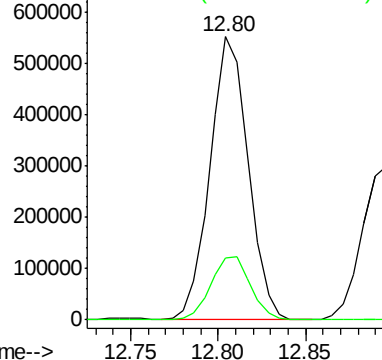
91 100

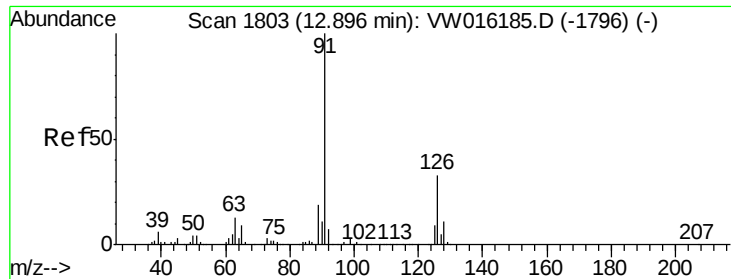
120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





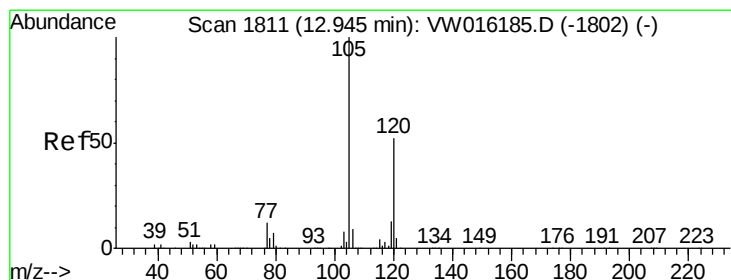
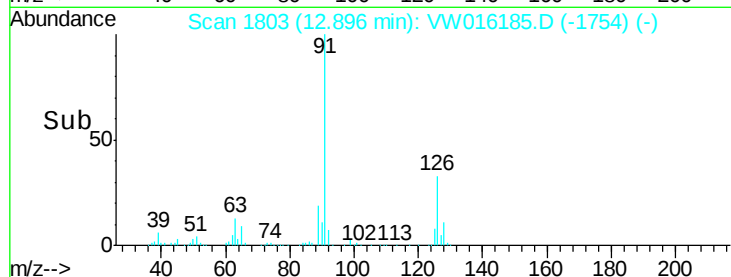
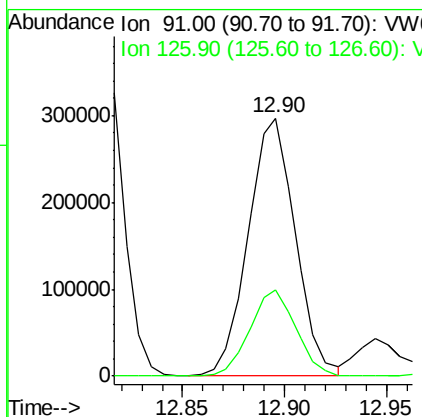
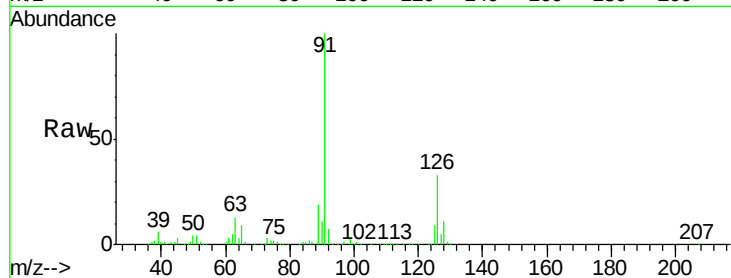
#79
2-Chlorotoluene
Concen: 52.103 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 477353
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2

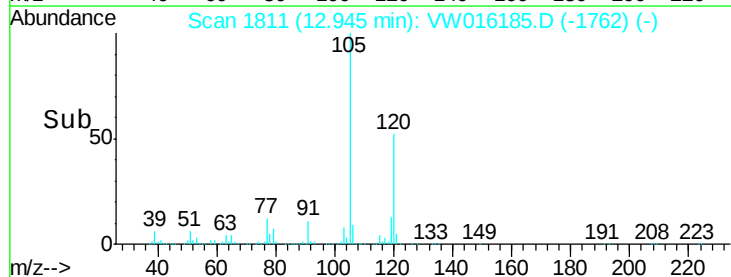
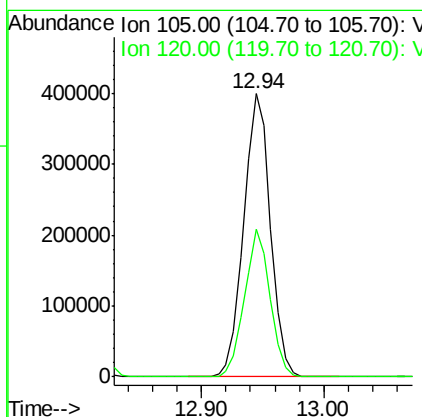
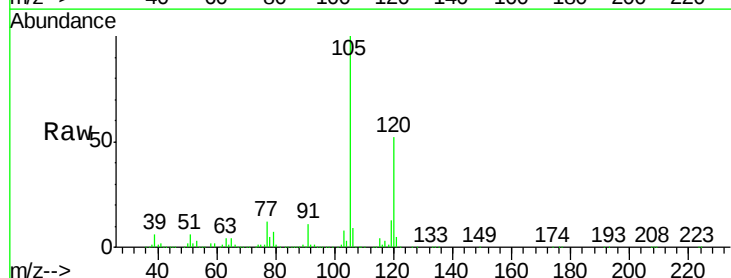
Manual Integrations
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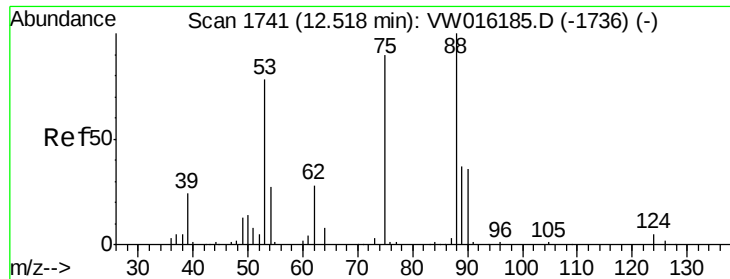
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#80
1,3,5-Trimethylbenzene
Concen: 53.190 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion:105 Resp: 602643
Ion Ratio Lower Upper
105 100
120 50.1 25.1 75.2





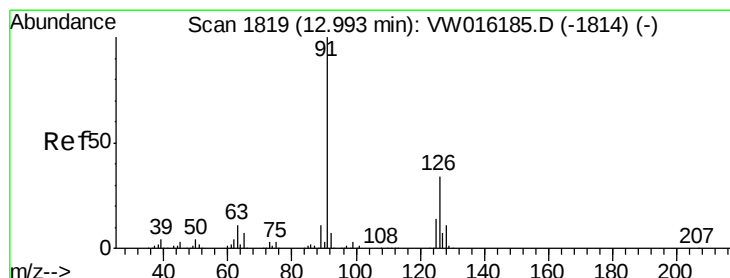
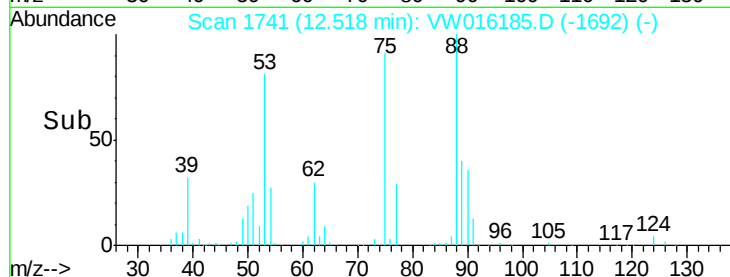
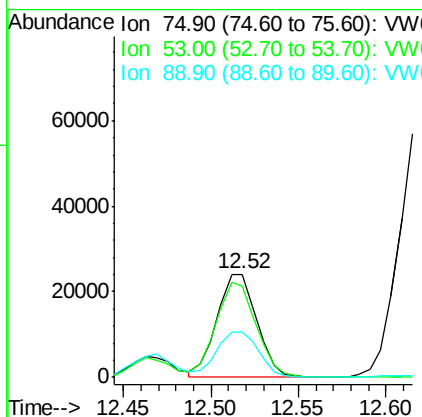
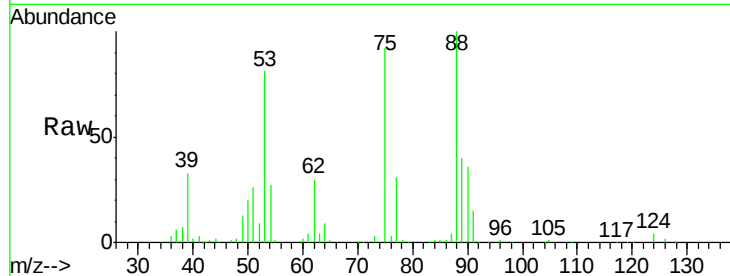
#81
trans-1,4-Dichloro-2-butene
Concen: 58.577 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.2	74.6	111.8
89	46.5	37.2	55.8

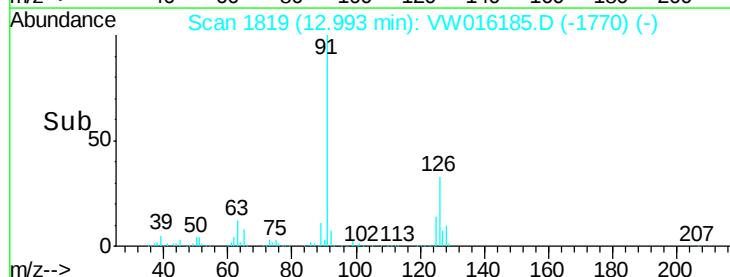
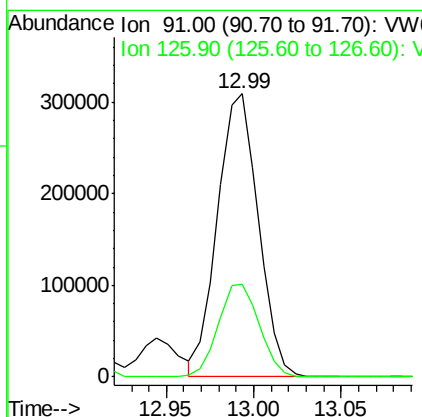
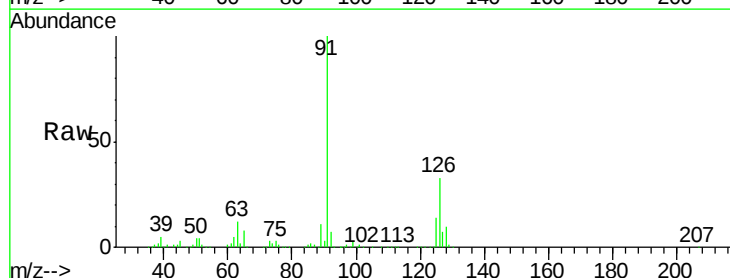
Manual Integrations
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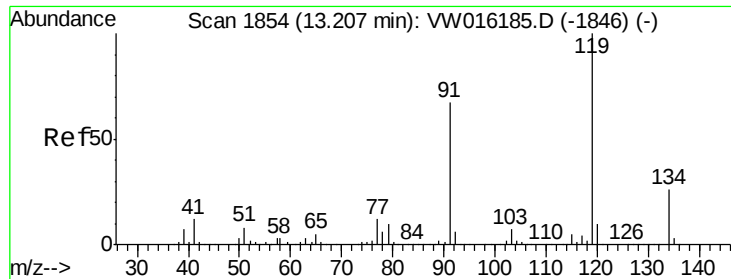
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#82
4-Chlorotoluene
Concen: 52.217 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.6	49.8





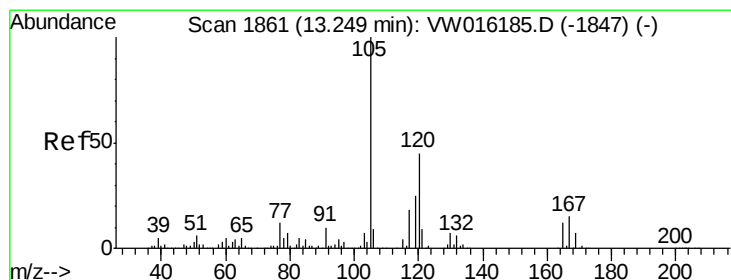
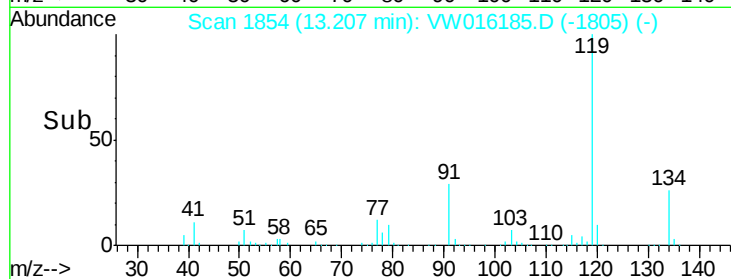
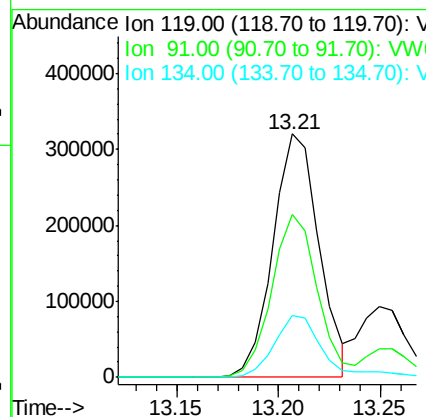
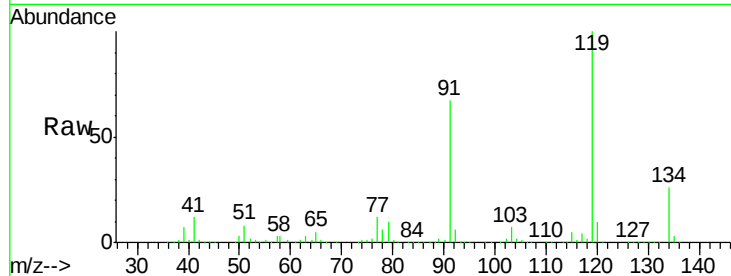
#83
tert-Butylbenzene
Concen: 53.843 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	505420		
91	66.6	33.3	99.9	
134	27.0	13.5	40.5	

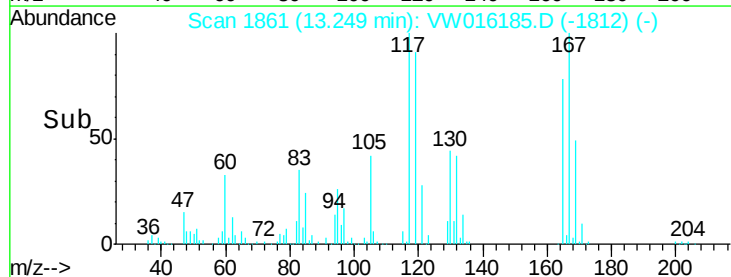
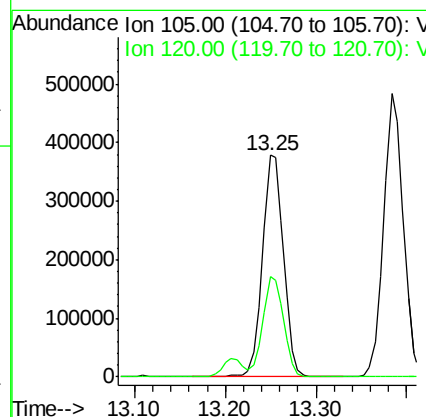
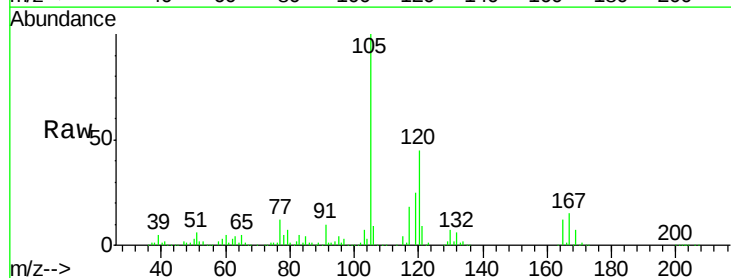
Manual Integrations
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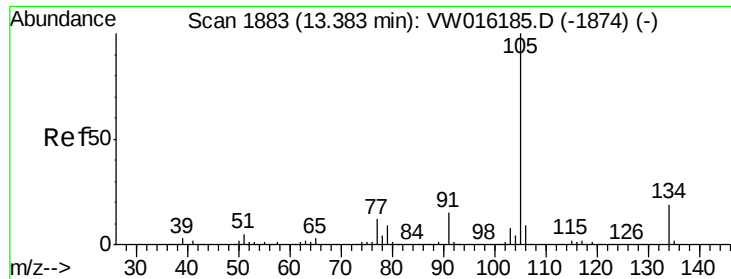
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 53.576 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	606067		
120	44.4	22.2	66.6	





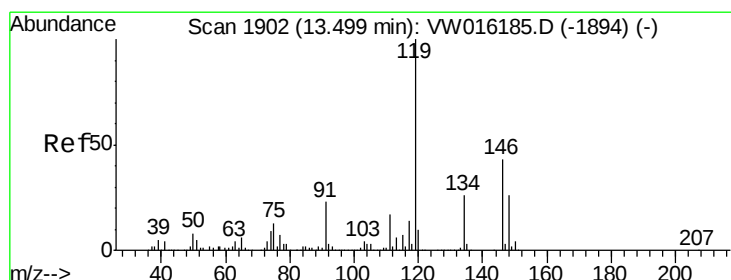
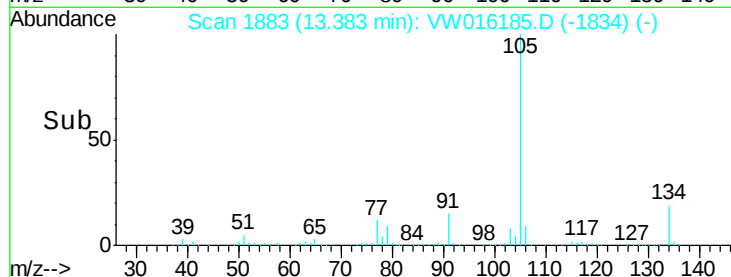
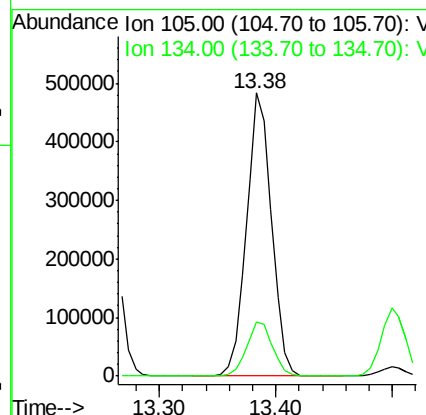
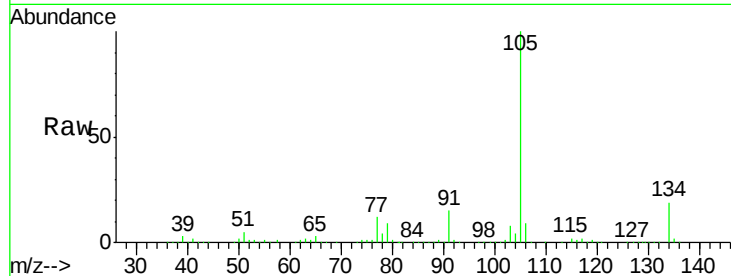
#85
 sec-Butylbenzene
 Concen: 53.209 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion:105 Resp: 721874
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

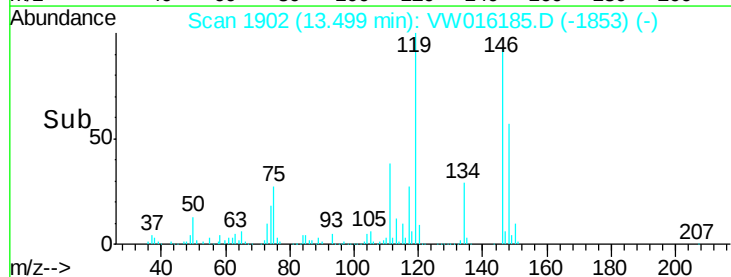
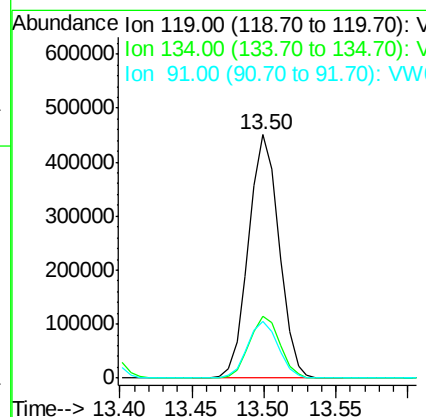
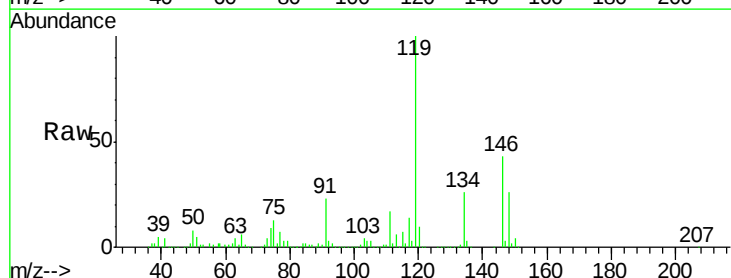
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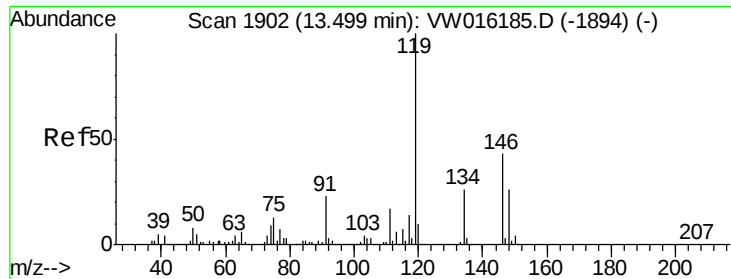
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#86
 p-Isopropyltoluene
 Concen: 53.152 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion:119 Resp: 658519
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 23.5 11.8 35.3





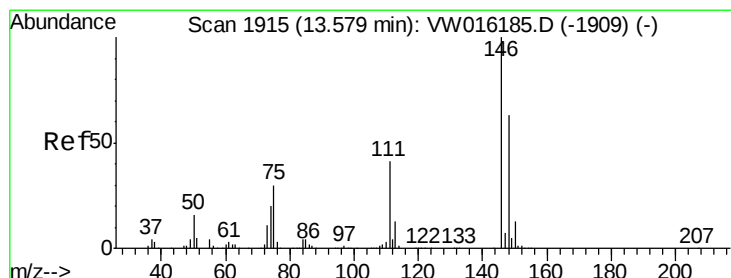
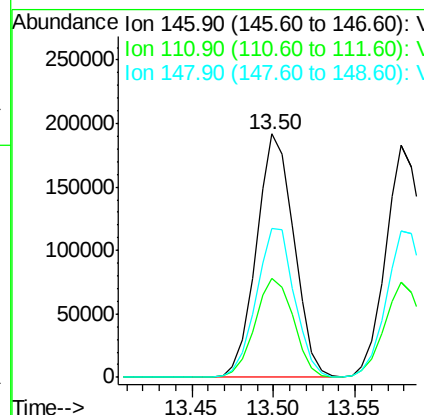
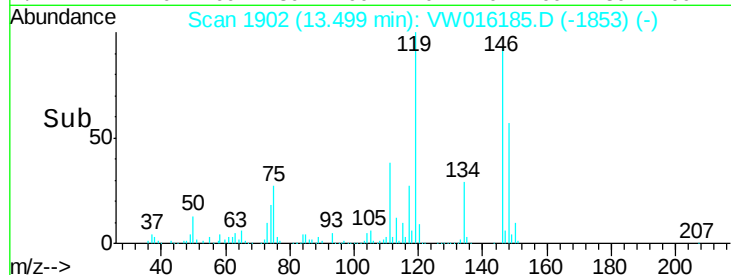
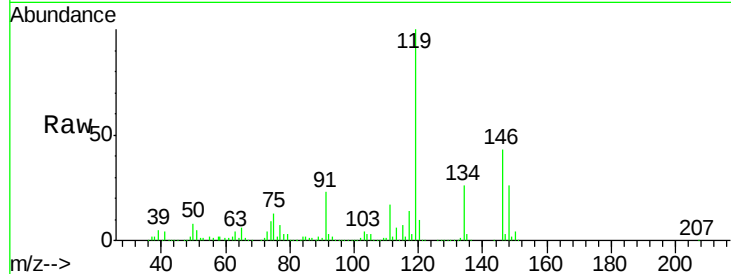
#87
 1,3-Dichlorobenzene
 Concen: 51.611 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.7	20.8	62.5	
148	62.3	31.1	93.5	

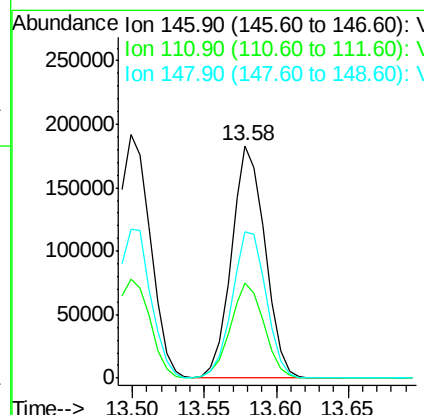
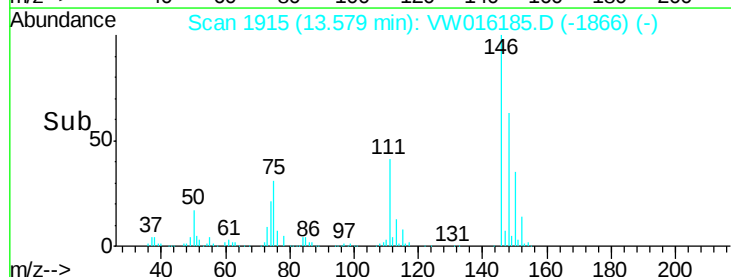
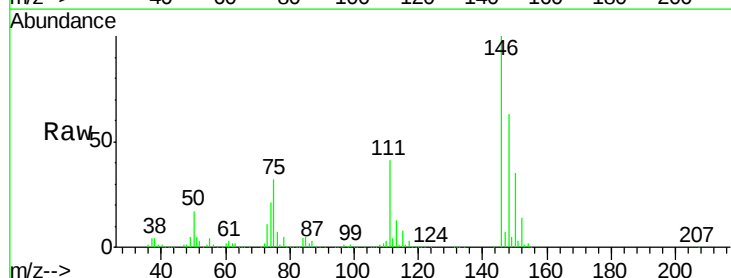
Manual Integrations
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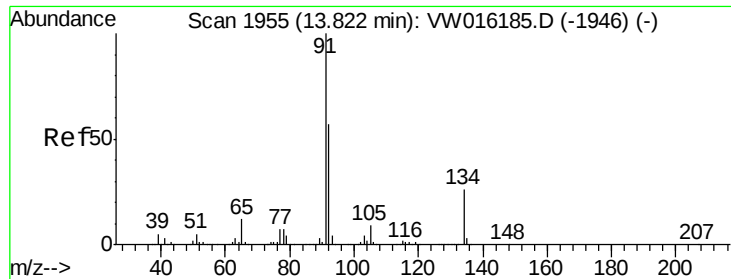
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#88
 1,4-Dichlorobenzene
 Concen: 50.999 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.5	20.8	62.2	
148	64.2	32.1	96.3	





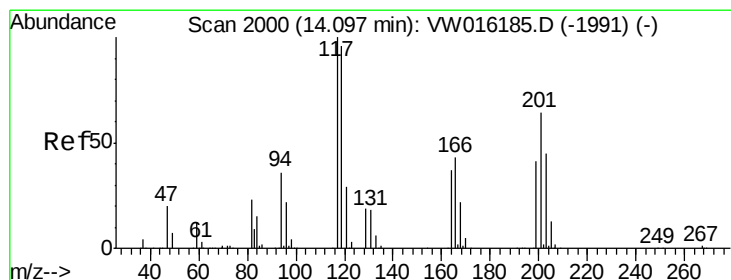
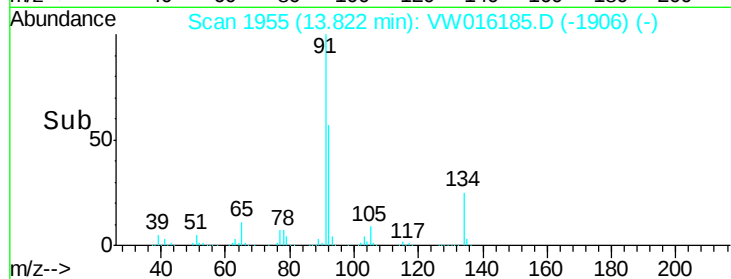
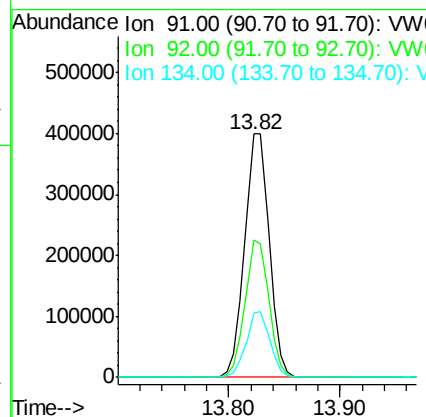
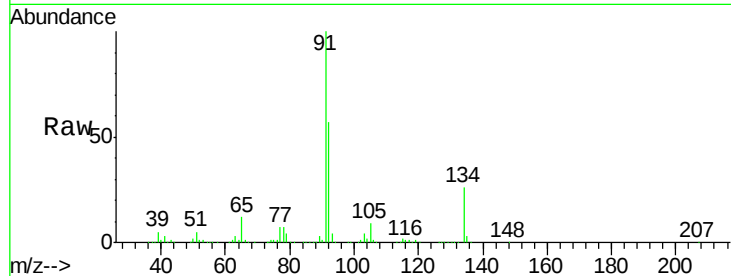
#89
n-Butylbenzene
Concen: 52.018 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.2
134	26.0	13.0	39.0

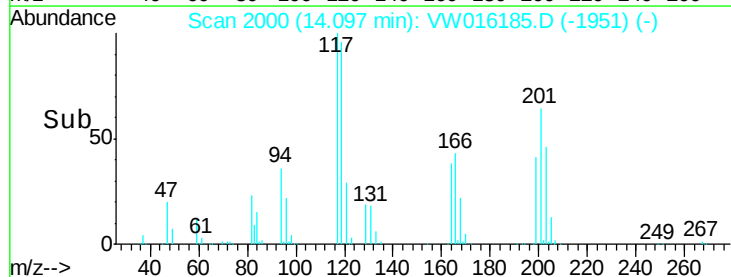
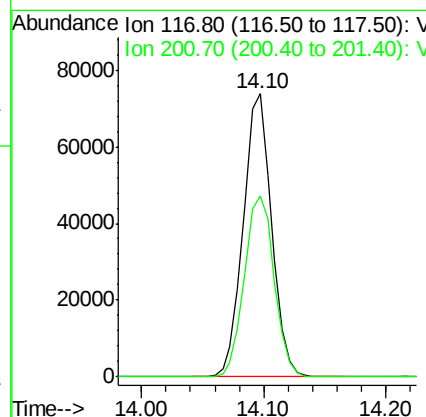
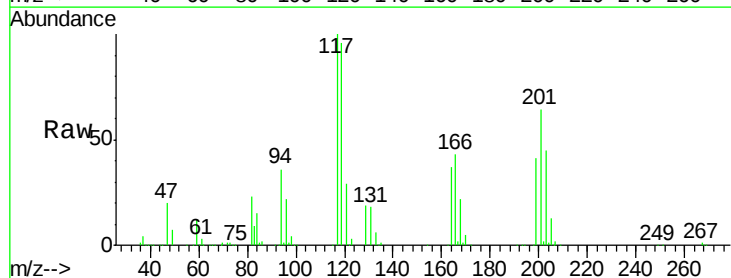
Manual Integrations
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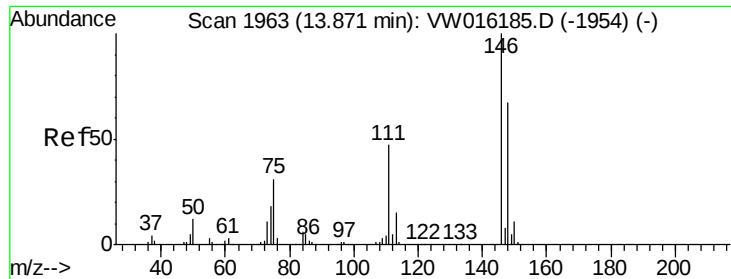
MMDadoda
8/17/2020 5:46:28 PM



#90
Hexachloroethane
Concen: 52.852 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.5	33.8	101.3





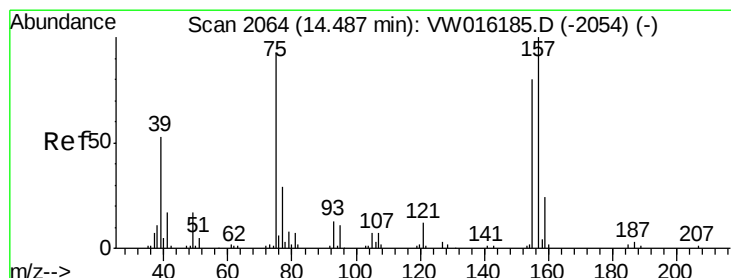
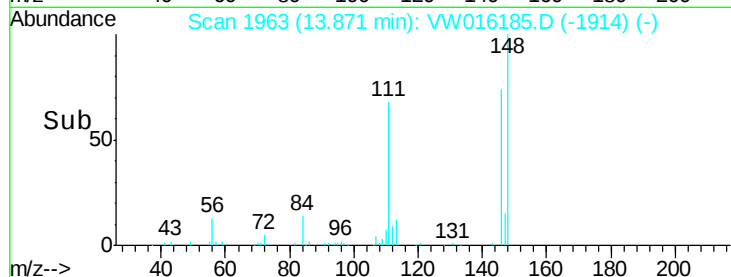
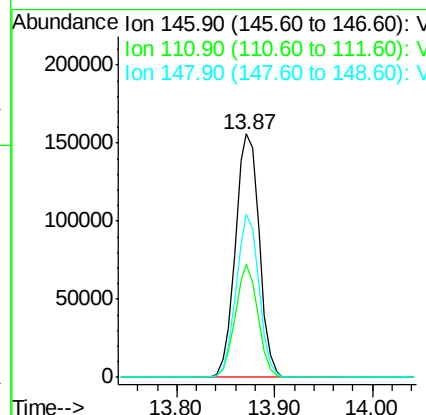
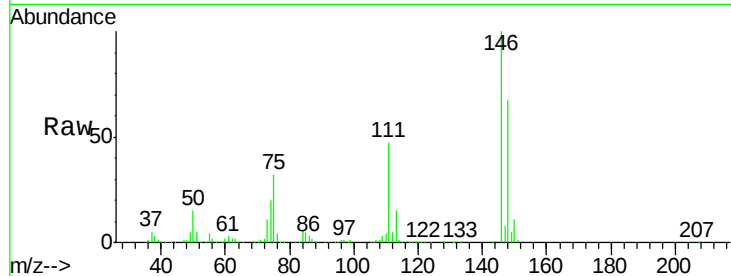
#91
 1,2-Dichlorobenzene
 Concen: 51.233 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.9	65.8
148	64.2	32.1	96.3

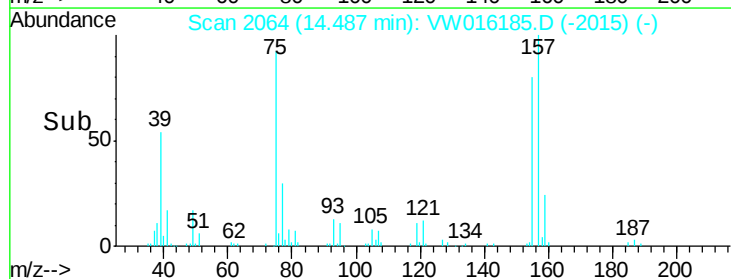
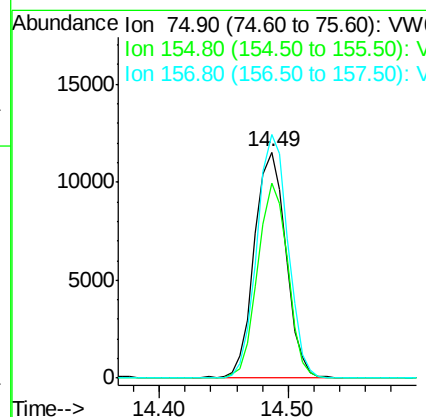
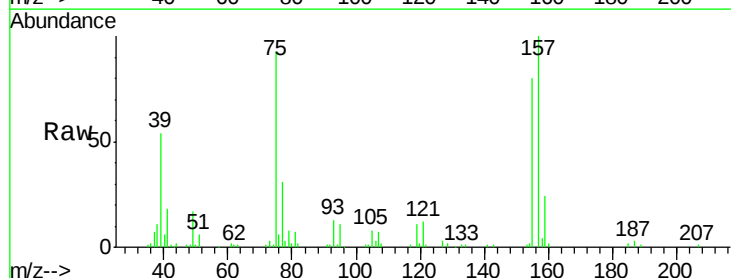
Manual Integrations
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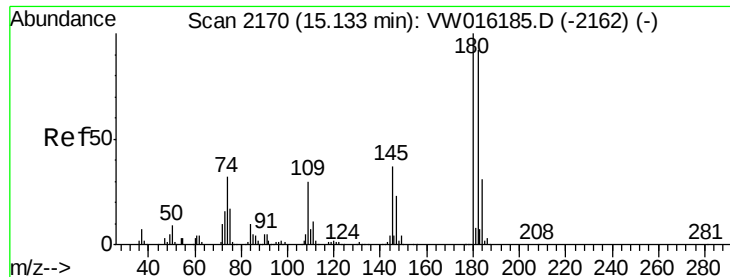
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.962 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.7	41.3	124.1
157	106.0	53.0	159.0





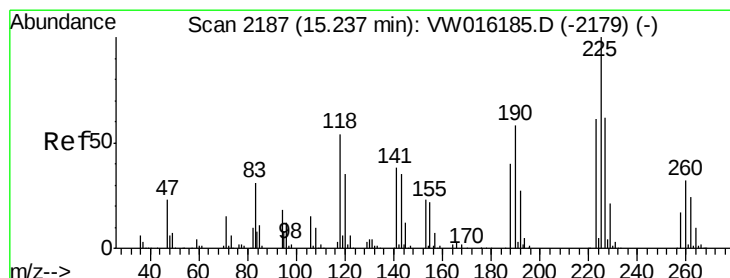
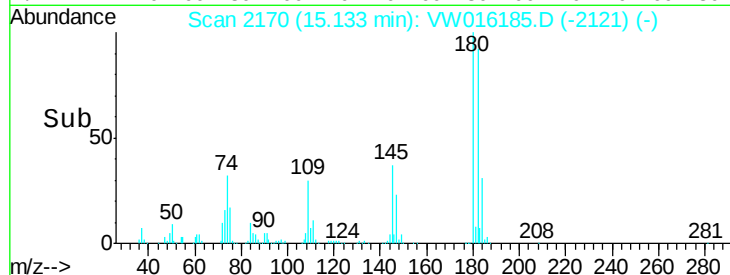
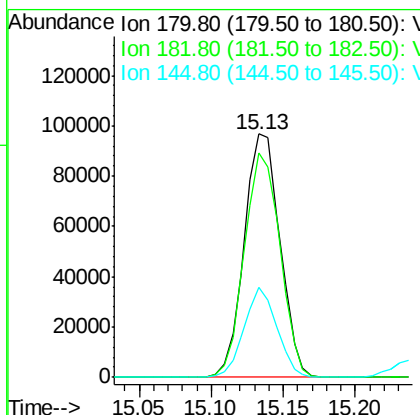
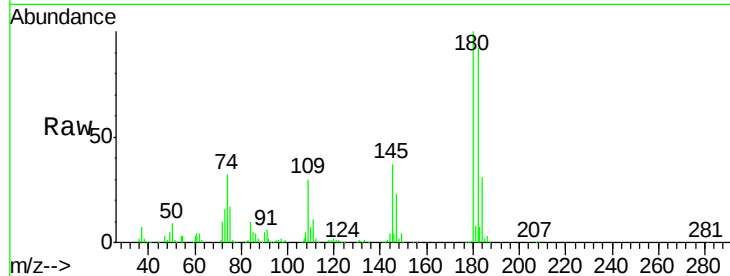
#93
 1,2,4-Trichlorobenzene
 Concen: 51.548 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	166416		
182	92.0	46.0	138.0	
145	33.8	16.9	50.7	

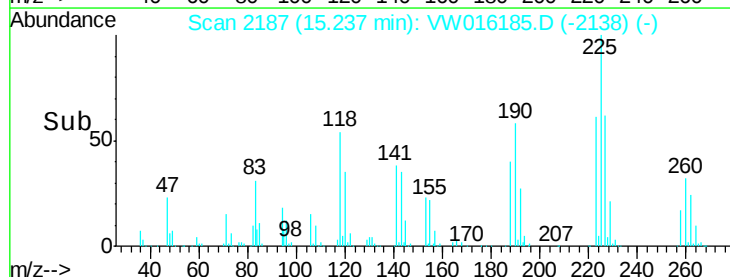
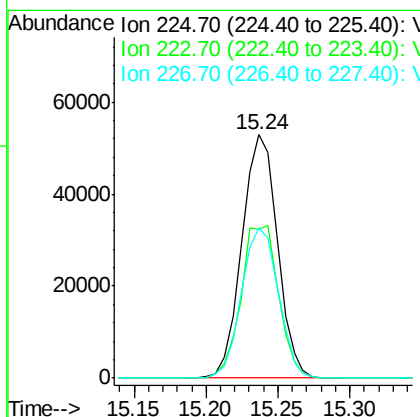
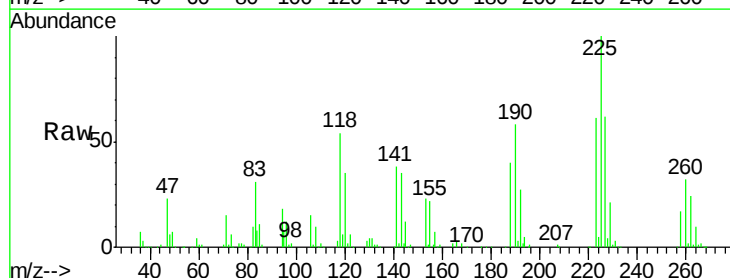
Manual Integrations
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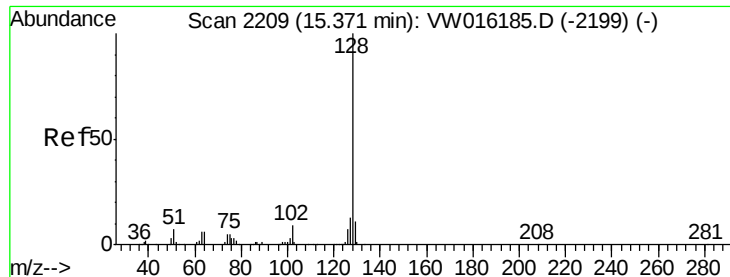
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#94
 Hexachlorobutadiene
 Concen: 44.871 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016185.D
 Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90367		
223	66.0	33.0	99.0	
227	64.1	32.0	96.2	





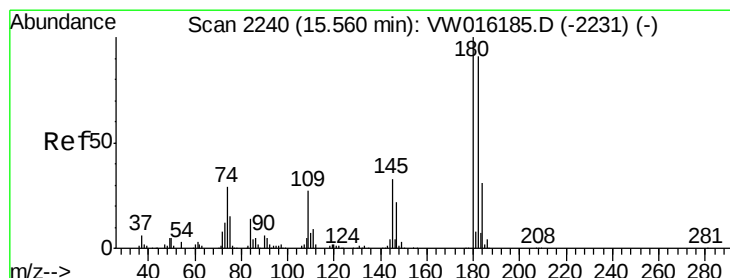
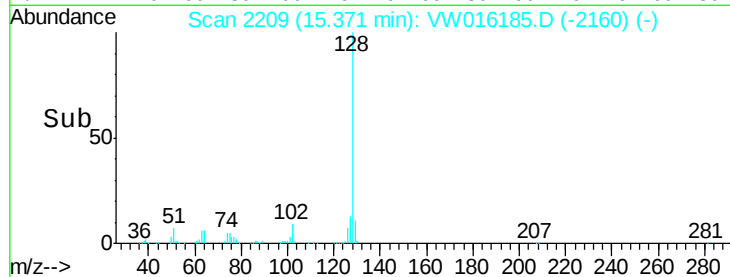
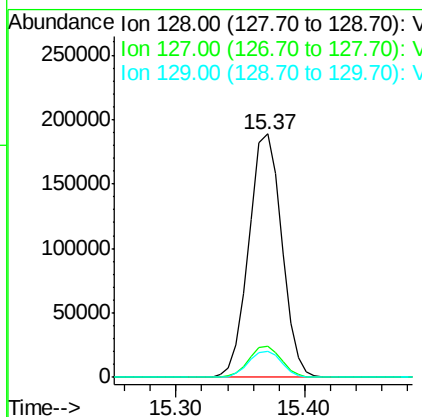
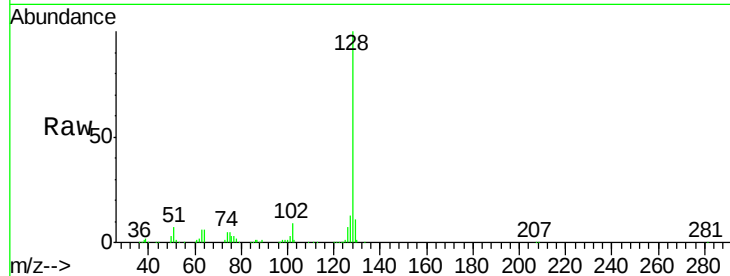
#95
Naphthalene
Concen: 60.090 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
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: 53.315 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016185.D
Acq: 14 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	34.9	17.4	52.3

