

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016318.D
 Acq On : 21 Aug 2020 20:26
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/24/2020 4:55:04 PM

Quant Time: Aug 22 07:05:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111287	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
35) Dibromofluoromethane	7.88	113	111868	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	10.32	98	429147	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.62	95	156836	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	68404	46.981	ug/l	92
3) Chloromethane	2.21	50	69674	44.945	ug/l	98
4) Vinyl Chloride	2.36	62	94192	43.411	ug/l	96
5) Bromomethane	2.78	94	66566	49.341	ug/l	91
6) Chloroethane	2.92	64	56927	46.458	ug/l	96
7) Trichlorofluoromethane	3.26	101	94684	53.902	ug/l	97
8) Diethyl Ether	3.68	74	58162	52.764	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	108124	46.941	ug/l	100
10) Methyl Iodide	4.27	142	170848	51.334	ug/l	100
11) Tert butyl alcohol	5.16	59	37560	338.006	ug/l	96
12) 1,1-Dichloroethene	4.04	96	110096	46.969	ug/l	97
13) Acrolein	3.89	56	38001	236.739	ug/l	98
14) Allyl chloride	4.67	41	149054	47.460	ug/l	96
15) Acrylonitrile	5.36	53	117735	283.458	ug/l	99
16) Acetone	4.12	43	93324	233.320	ug/l	100
17) Carbon Disulfide	4.39	76	319334	46.397	ug/l	100
18) Methyl Acetate	4.67	43	51782	55.594	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	169329	58.667	ug/l	99
20) Methylene Chloride	4.91	84	130912	52.984	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	123945	48.557	ug/l	98
22) Diisopropyl ether	6.31	45	300041	50.676	ug/l	97
23) Vinyl Acetate	6.26	43	903160	266.400	ug/l	99
24) 1,1-Dichloroethane	6.21	63	201529	48.768	ug/l	99
25) 2-Butanone	7.17	43	143750	268.166	ug/l	97
26) 2,2-Dichloropropane	7.17	77	124453	46.623	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	136248	51.711	ug/l	98
28) Bromochloromethane	7.51	49	78257	49.915	ug/l	93
29) Tetrahydrofuran	7.53	42	94095	293.651	ug/l	95
30) Chloroform	7.68	83	215196	50.120	ug/l	100
31) Cyclohexane	7.96	56	168860	44.316	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	181341	50.270	ug/l	99
36) 1,1-Dichloropropene	8.09	75	164500	47.881	ug/l	98
37) Ethyl Acetate	7.25	43	64540	54.792	ug/l	98
38) Carbon Tetrachloride	8.07	117	170824	49.825	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	203344	49.137	ug/l	97
40) Benzene	8.32	78	477153	49.369	ug/l	97
41) Methacrylonitrile	7.48	41	36993	55.028	ug/l	96
42) 1,2-Dichloroethane	8.40	62	135081	52.919	ug/l	100
43) Isopropyl Acetate	8.42	43	123556	55.755	ug/l	98
44) Trichloroethene	9.09	130	132544	48.421	ug/l	100
45) 1,2-Dichloropropane	9.37	63	111034	48.736	ug/l	97
46) Dibromomethane	9.46	93	64124	53.611	ug/l	97
47) Bromodichloromethane	9.65	83	162479	52.577	ug/l	98
48) Methyl methacrylate	9.44	41	58882	57.156	ug/l	93
49) 1,4-Dioxane	9.45	88	21693	1440.303	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	320627	286.065	ug/l	98
52) Toluene	10.39	92	310907	50.236	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	156266	54.612	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	188715	53.066	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	91488	53.307	ug/l	97
56) Ethyl methacrylate	10.65	69	118657	60.626	ug/l	97
57) 1,3-Dichloropropane	10.93	76	153808	52.673	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	237085	265.688	ug/l	97
59) 2-Hexanone	10.97	43	223620	291.642	ug/l	98
60) Dibromochloromethane	11.13	129	114524	56.094	ug/l	99
61) 1,2-Dibromoethane	11.24	107	91263	55.240	ug/l	100
64) Tetrachloroethene	10.87	164	107924	52.441	ug/l	94
65) Chlorobenzene	11.66	112	331326	51.539	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	119669	53.256	ug/l	98
67) Ethyl Benzene	11.73	91	596882	51.662	ug/l	97
68) m/p-Xylenes	11.84	106	456510	102.797	ug/l	98
69) o-Xylene	12.17	106	212292	53.658	ug/l	95
70) Styrene	12.18	104	371824	54.311	ug/l	99
71) Bromoform	12.35	173	61494	61.148	ug/l #	98
73) Isopropylbenzene	12.46	105	595317	52.959	ug/l	100
74) N-amyl acetate	12.27	43	114984	57.117	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	104135	55.362	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	70147m	51.705	ug/l	
77) Bromobenzene	12.75	156	132211	53.174	ug/l	96
78) n-propylbenzene	12.80	91	684202	50.992	ug/l	99
79) 2-Chlorotoluene	12.90	91	402709	51.956	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	515052	53.375	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	31811	56.243	ug/l	97
82) 4-Chlorotoluene	12.99	91	417939	51.795	ug/l	100
83) tert-Butylbenzene	13.21	119	429685	54.332	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	517031	54.146	ug/l	100
85) sec-Butylbenzene	13.38	105	587863	51.143	ug/l	99
86) p-Isopropyltoluene	13.50	119	547029	52.618	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	255080	51.227	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	254642	51.934	ug/l	99
89) n-Butylbenzene	13.82	91	498224	51.802	ug/l	100
90) Hexachloroethane	14.10	117	102347	52.752	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	227945	52.508	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17850	61.733	ug/l	98

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QLast Update : Mon Aug 17 08:01:41 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	152072	58.743	ug/l	98
94) Hexachlorobutadiene	15.24	225	81286	52.813	ug/l	96
95) Naphthalene	15.36	128	308793	56.397	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	135415	60.909	ug/l	98

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

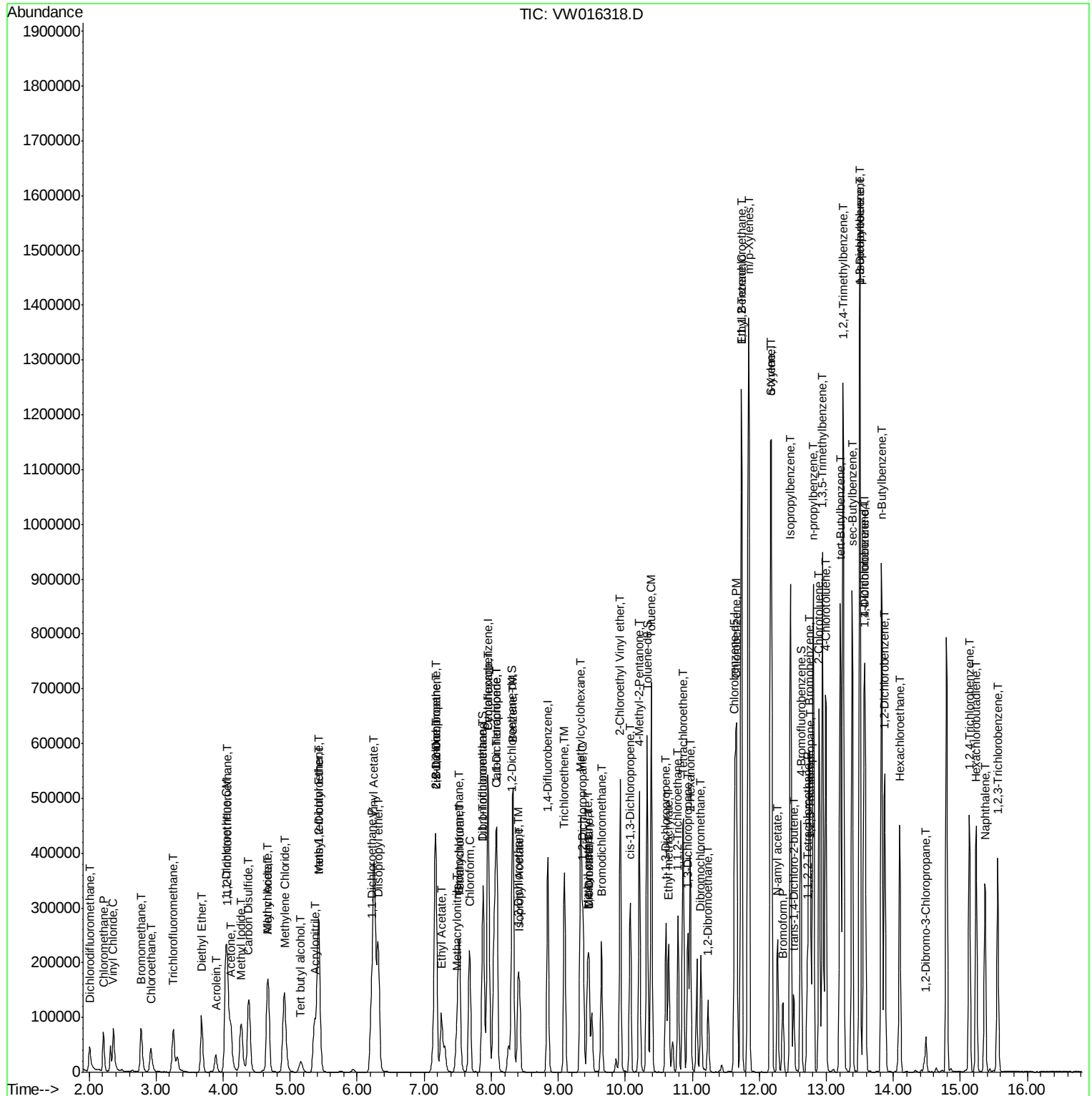
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Data File : VW016318.D
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Operator : SY/VA
Sample : VSTDCCC050
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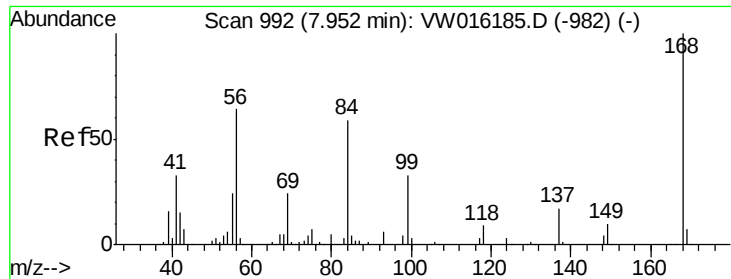
Instrument :
MSVOA_W
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VSTDCCC050EC

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#1

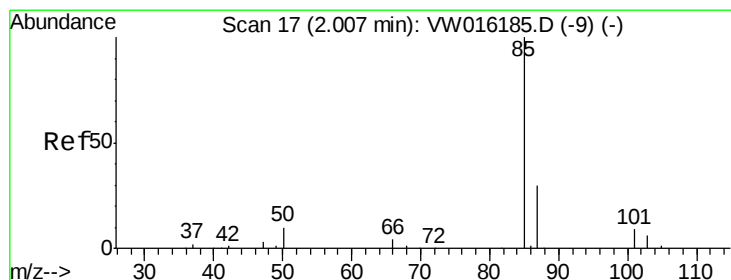
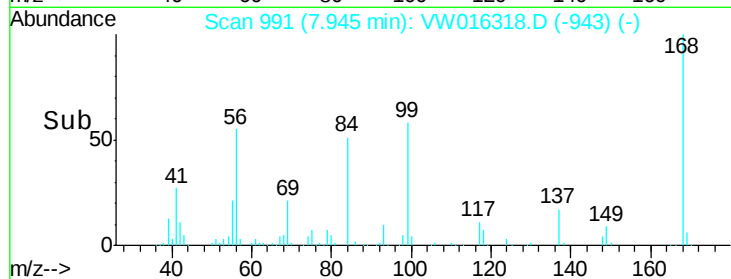
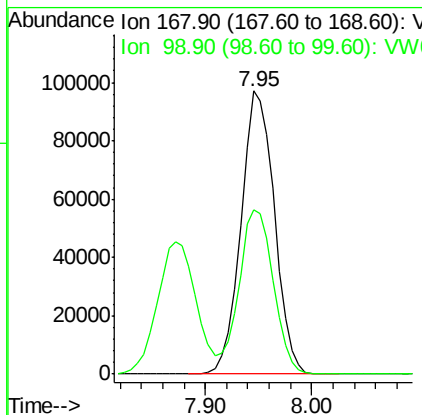
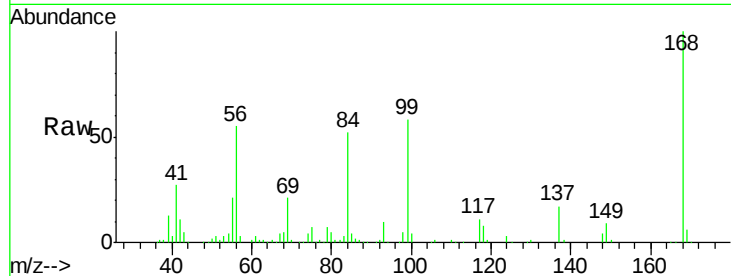
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.1	48.3	72.5

Manual Integrations
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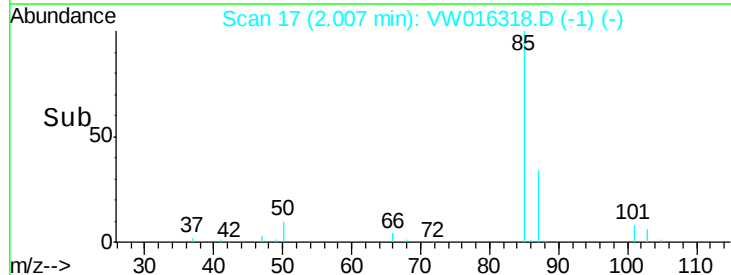
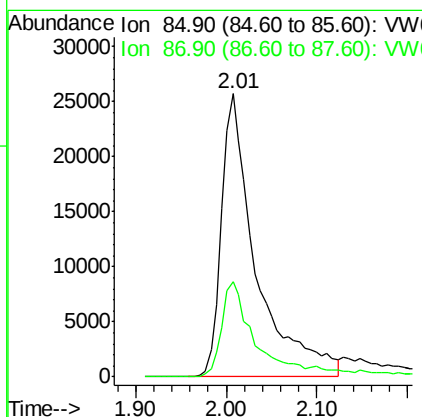
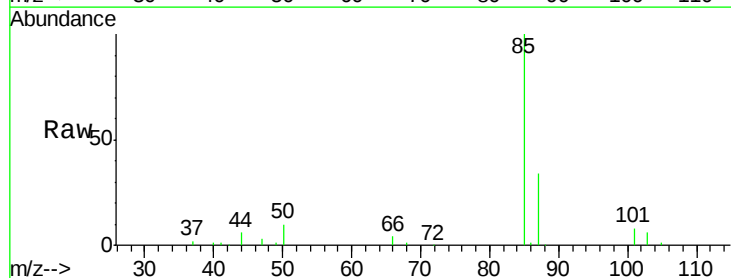
MMDadoda
 8/24/2020 4:55:04 PM

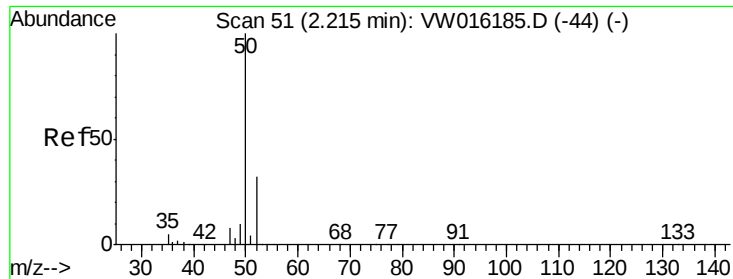


#2

Dichlorodifluoromethane
 Concen: 46.981 ug/l
 RT: 2.01 min Scan# 17
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.8	14.9	44.5





#3

Chloromethane

Concen: 44.945 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 69674

Ion Ratio Lower Upper

50 100

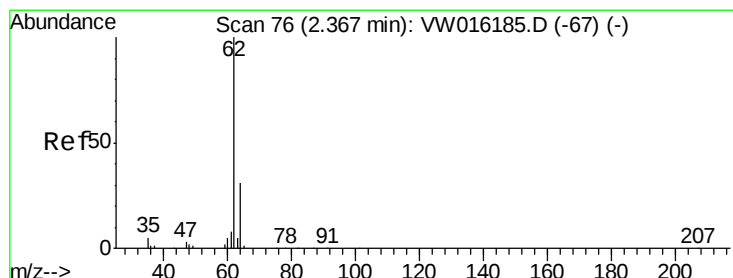
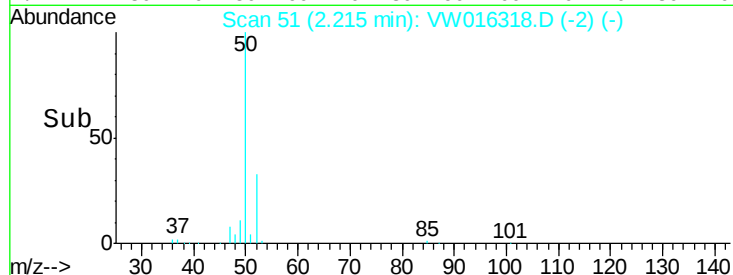
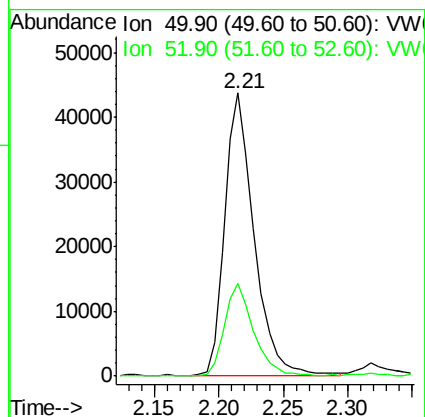
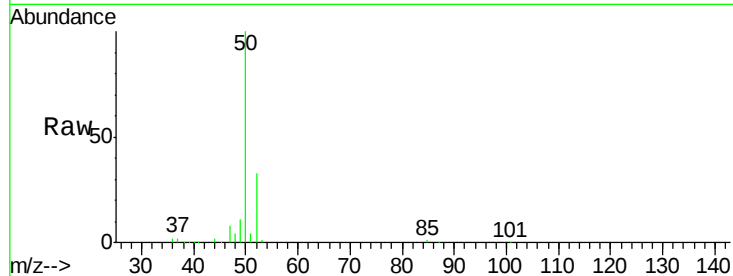
52 32.9 25.3 37.9

Manual Integrations

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8/24/2020 4:55:04 PM



#4

Vinyl Chloride

Concen: 43.411 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016318.D

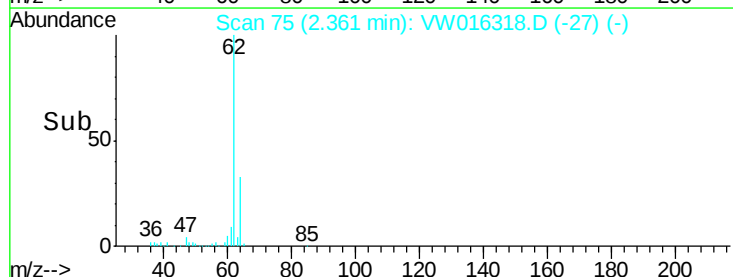
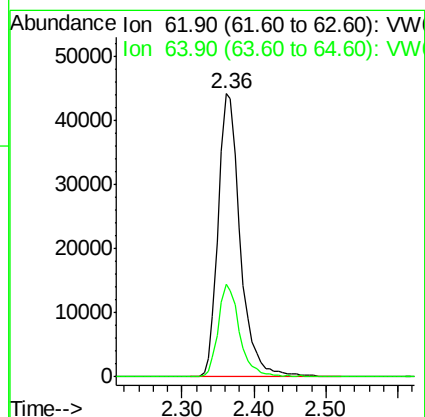
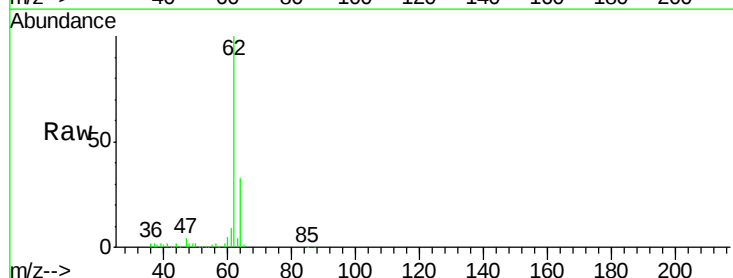
Acq: 21 Aug 2020 20:26

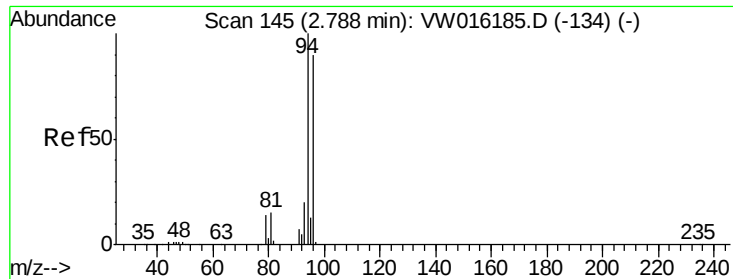
Tgt Ion: 62 Resp: 94192

Ion Ratio Lower Upper

62 100

64 32.8 24.5 36.7





#5

Bromomethane

Concen: 49.341 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 66566

Ion Ratio Lower Upper

94 100

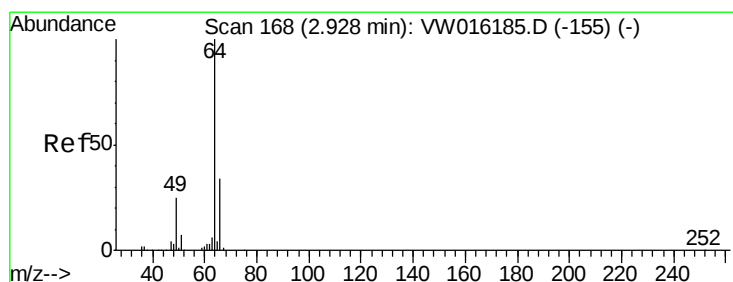
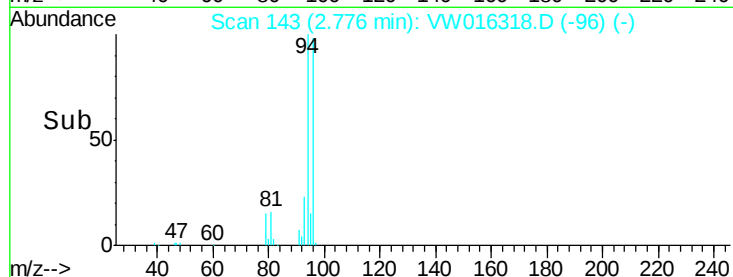
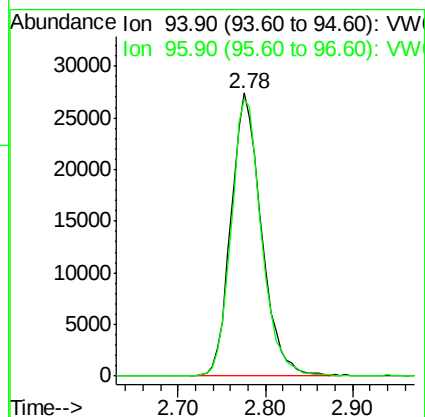
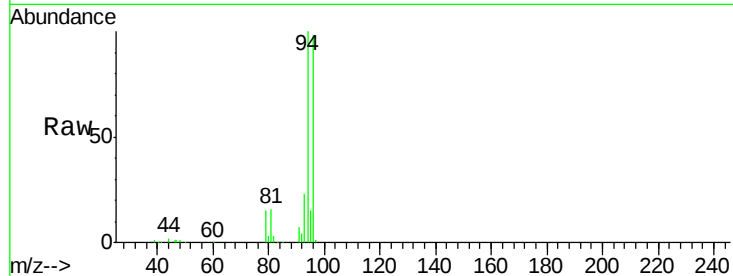
96 98.0 71.8 107.6

Manual Integrations

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8/24/2020 4:55:04 PM



#6

Chloroethane

Concen: 46.458 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016318.D

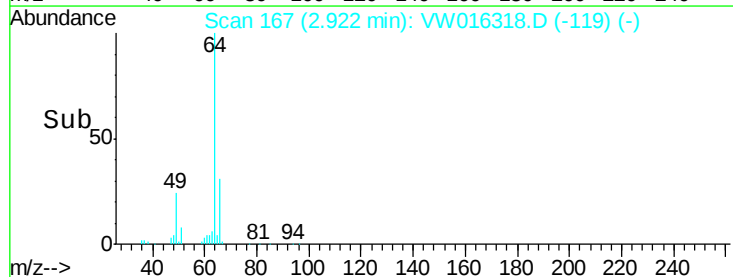
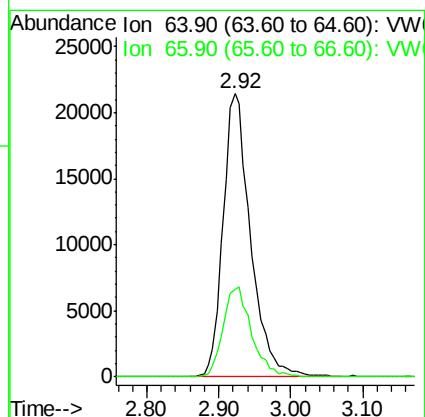
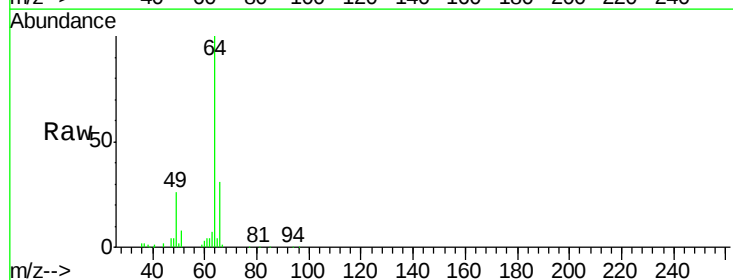
Acq: 21 Aug 2020 20:26

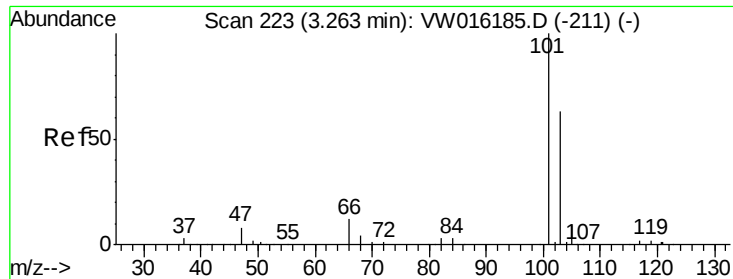
Tgt Ion: 64 Resp: 56927

Ion Ratio Lower Upper

64 100

66 31.0 26.9 40.3





#7

Trichlorofluoromethane

Concen: 53.902 ug/l

RT: 3.26 min Scan# 222

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 94684

Ion Ratio Lower Upper

101 100

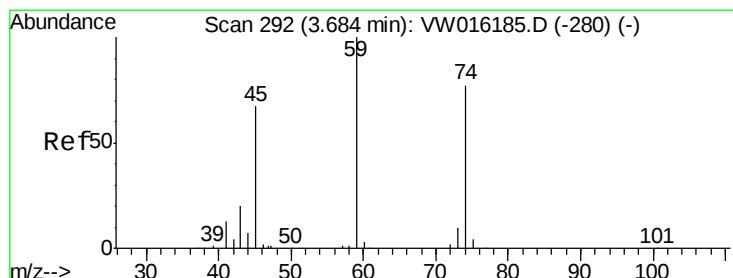
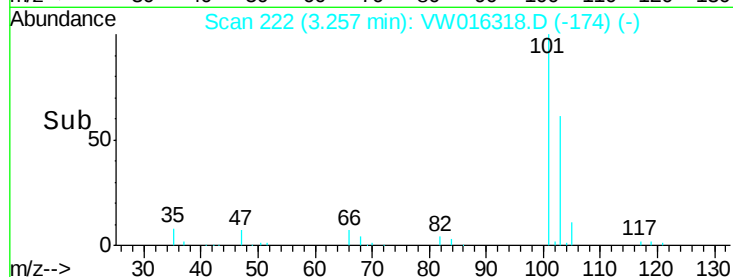
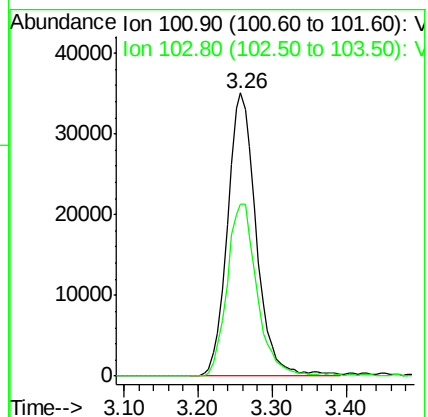
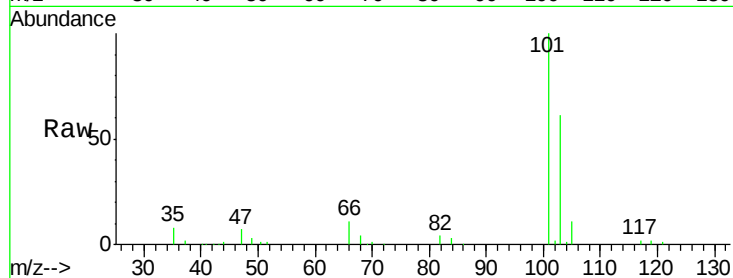
103 60.7 50.4 75.6

Manual Integrations

APPROVED

MMDadoda

8/24/2020 4:55:04 PM



#8

Diethyl Ether

Concen: 52.764 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW016318.D

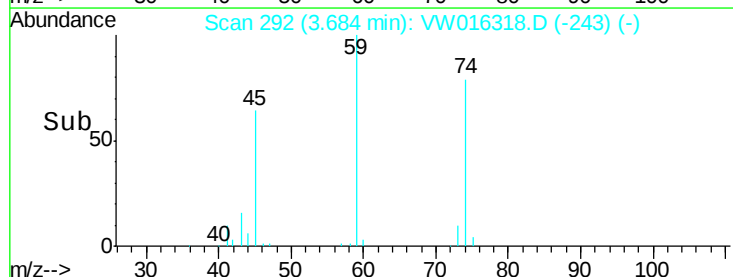
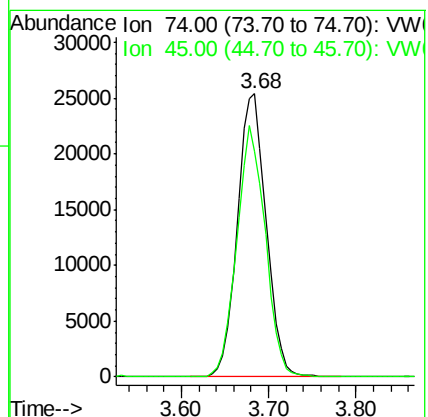
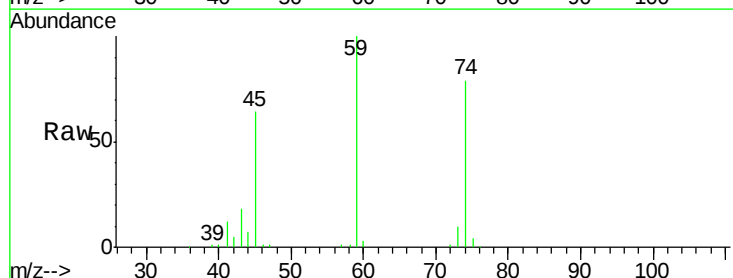
Acq: 21 Aug 2020 20:26

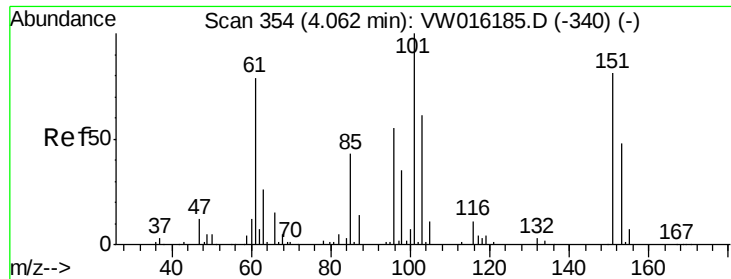
Tgt Ion: 74 Resp: 58162

Ion Ratio Lower Upper

74 100

45 87.4 45.9 137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.941 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

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MSVOA_W

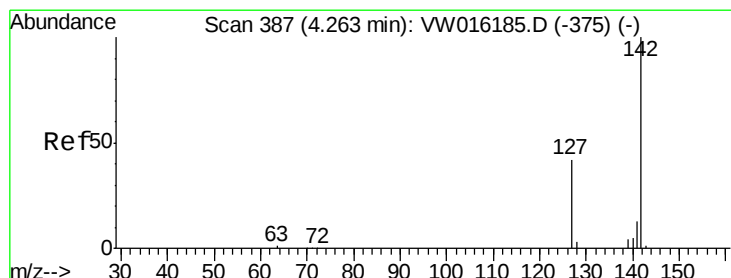
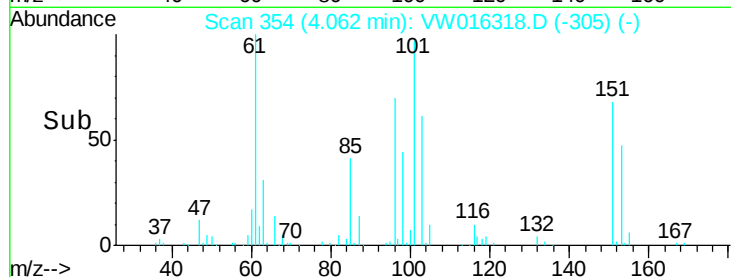
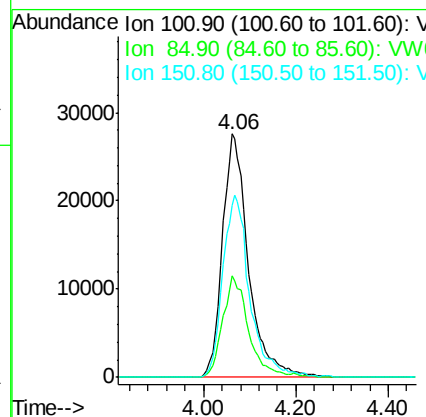
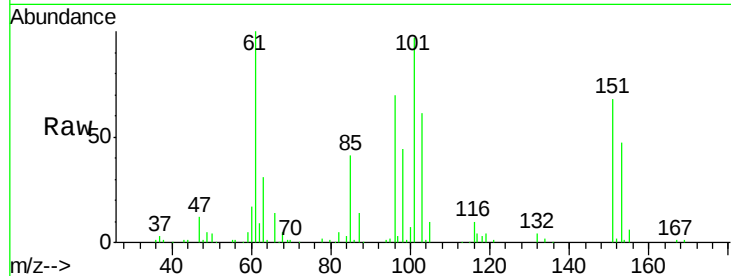
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	108124
Ion Ratio	Lower	Upper	
101	100		
85	41.1	33.3	49.9
151	76.4	61.1	91.7

Manual Integrations
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#10

Methyl Iodide

Concen: 51.334 ug/l

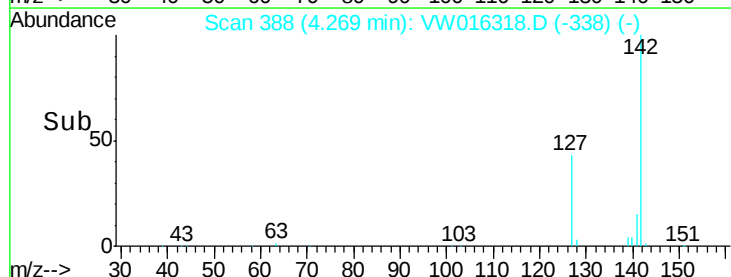
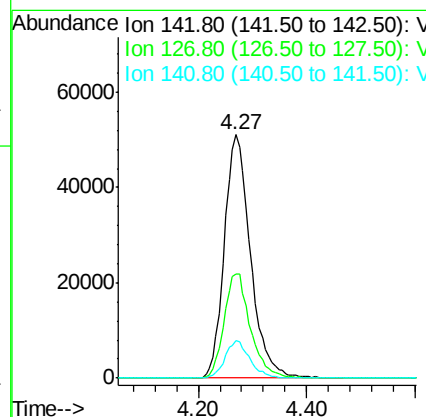
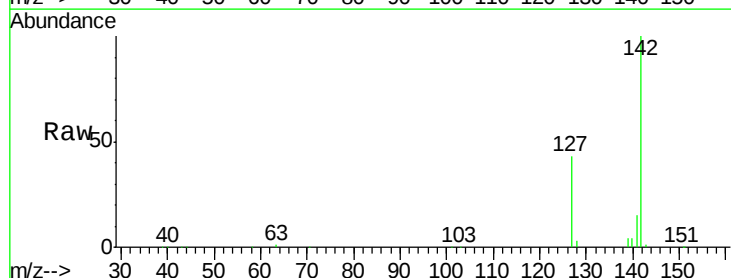
RT: 4.27 min Scan# 388

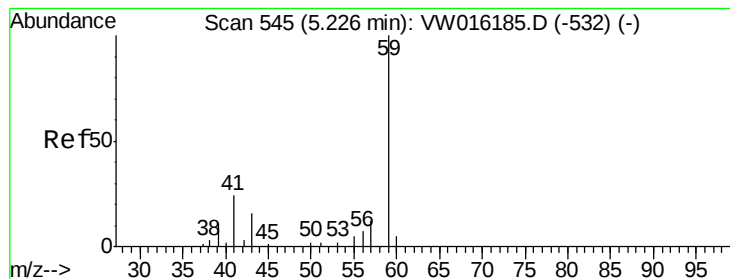
Delta R.T. 0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Tgt Ion:	142	Resp:	170848
Ion Ratio	Lower	Upper	
142	100		
127	43.1	34.6	52.0
141	14.5	11.4	17.2





#11

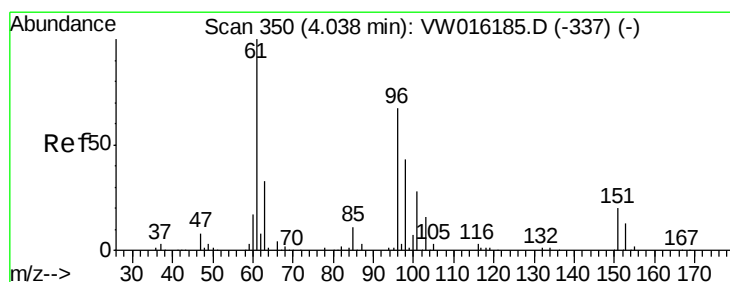
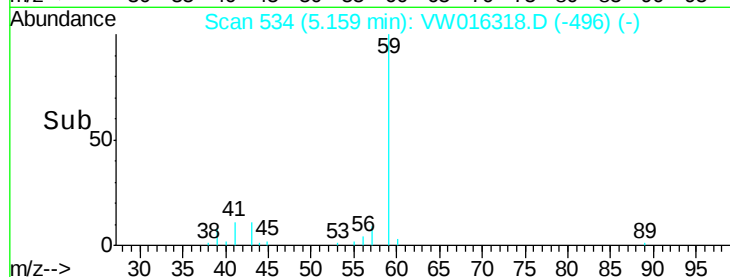
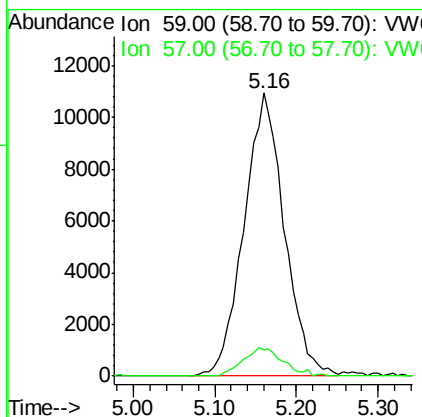
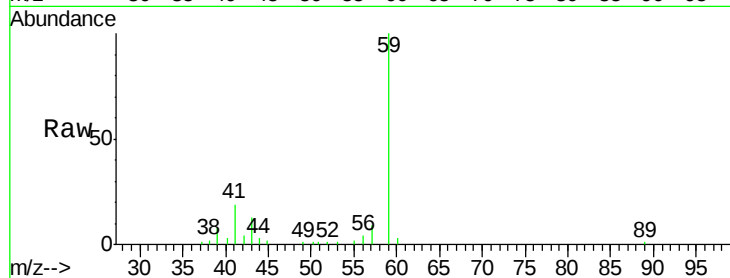
Tert butyl alcohol
 Concen: 338.006 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.07 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	9.0	13.6

Manual Integrations
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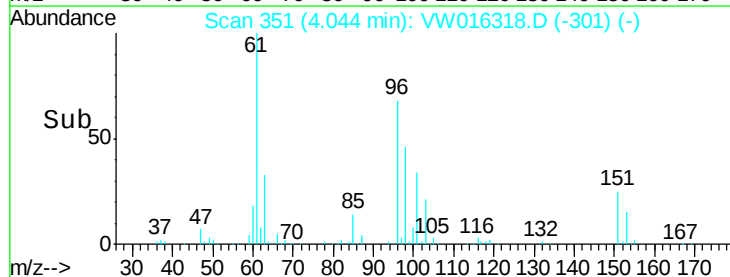
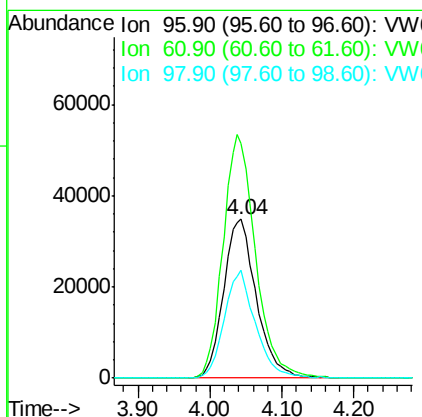
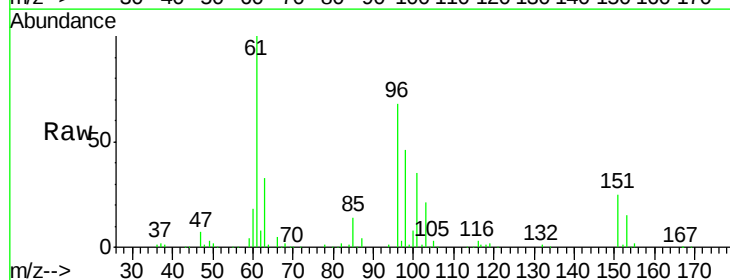
MMDadoda
 8/24/2020 4:55:04 PM

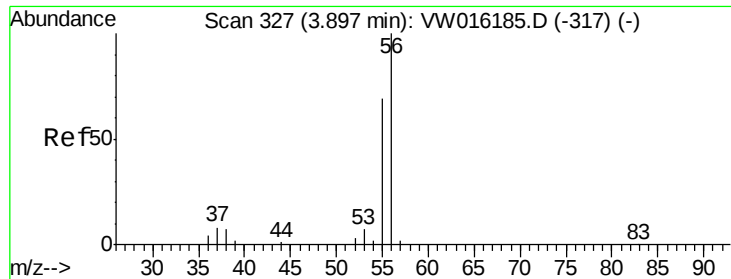


#12

1,1-Dichloroethene
 Concen: 46.969 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.4	119.5	179.3
98	67.9	51.3	76.9





#13

Acrolein

Concen: 236.739 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 38001

Ion Ratio Lower Upper

56 100

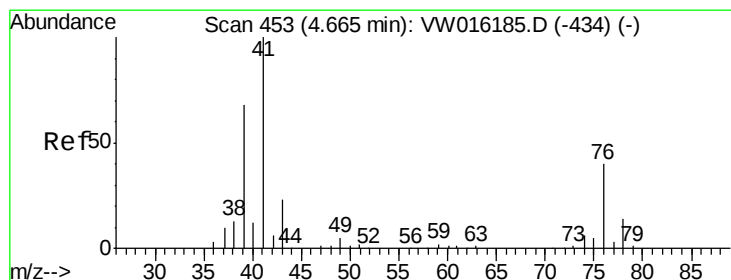
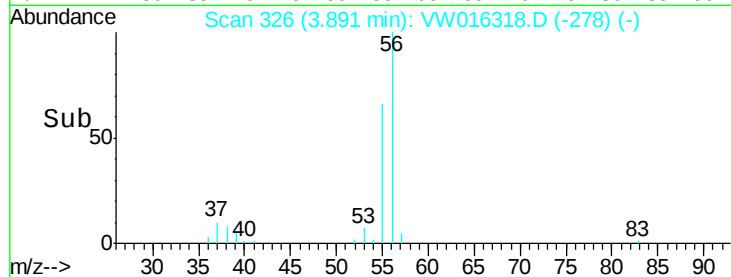
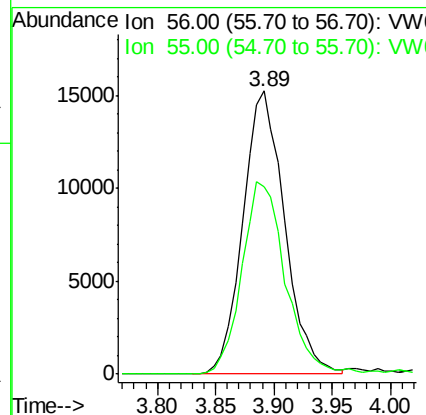
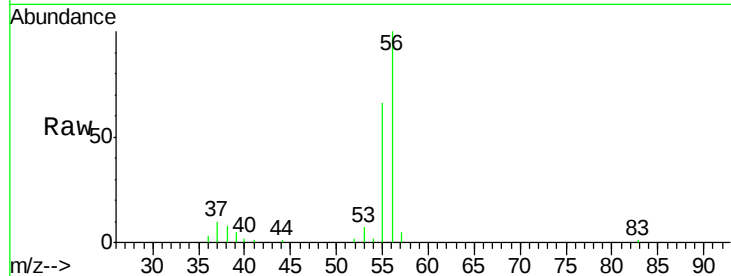
55 70.8 55.0 82.6

Manual Integrations

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#14

Allyl chloride

Concen: 47.460 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

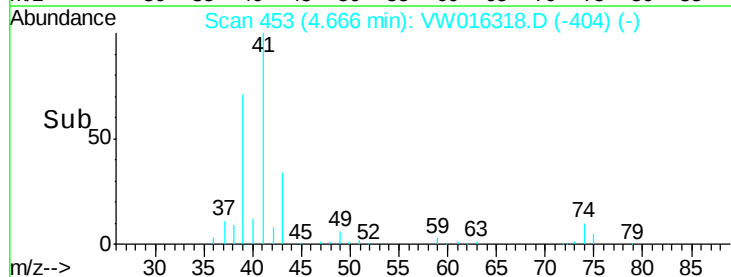
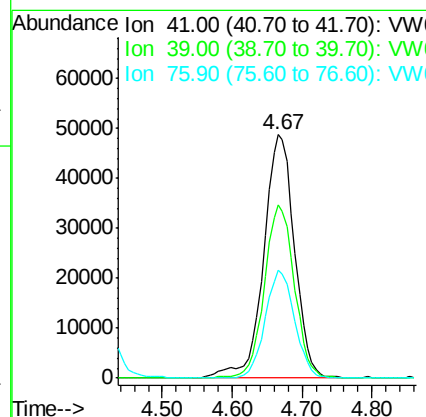
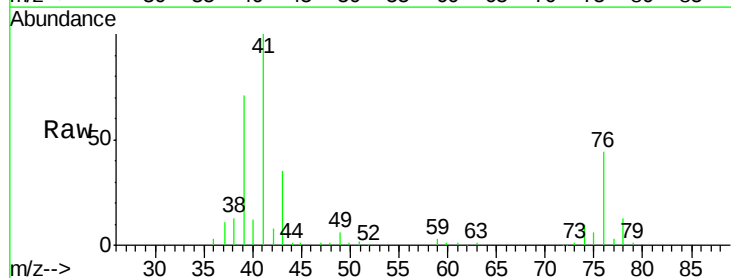
Tgt Ion: 41 Resp: 149054

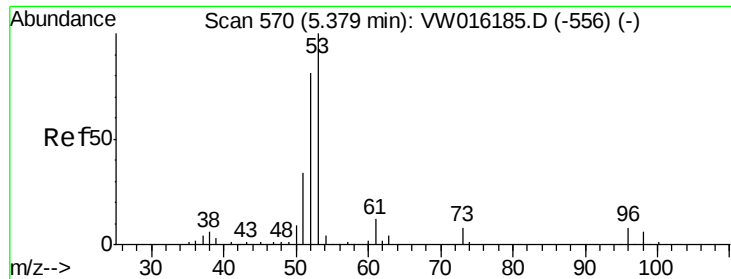
Ion Ratio Lower Upper

41 100

39 69.5 53.4 80.0

76 42.2 32.0 48.0





#15

Acrylonitrile

Concen: 283.458 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.02 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Instrument :

MSVOA_W

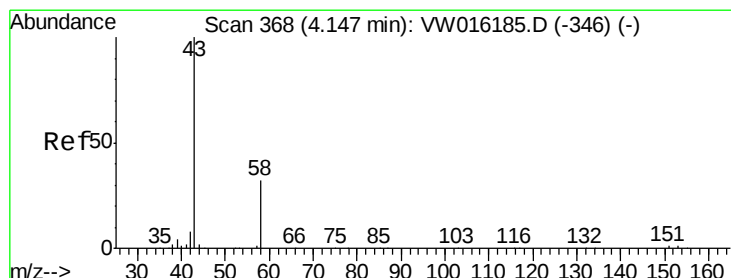
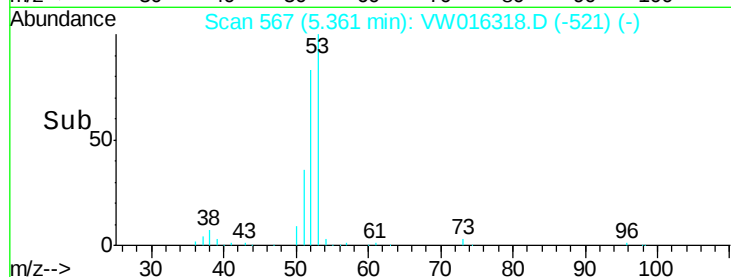
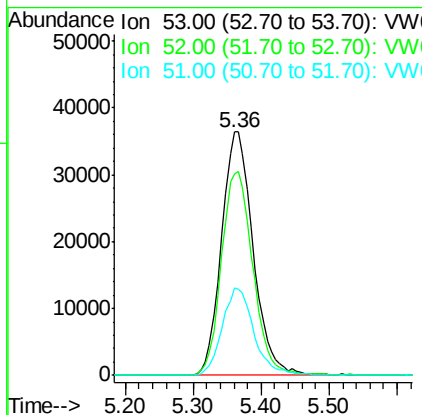
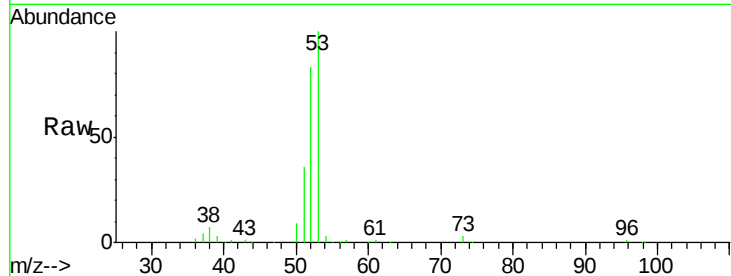
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	117735
Ion Ratio	Lower	Upper	
53	100		
52	83.1	65.3	97.9
51	36.0	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 233.320 ug/l

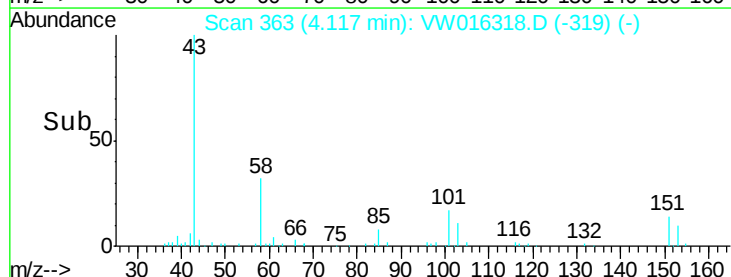
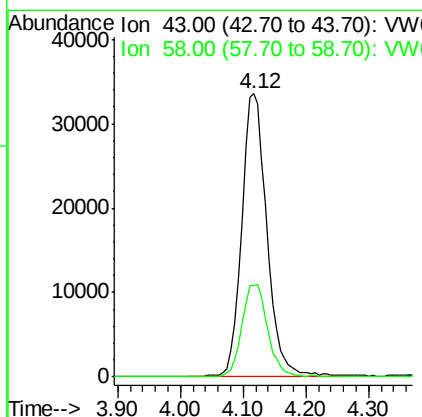
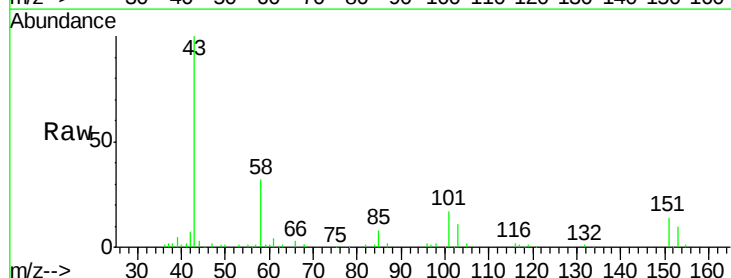
RT: 4.12 min Scan# 363

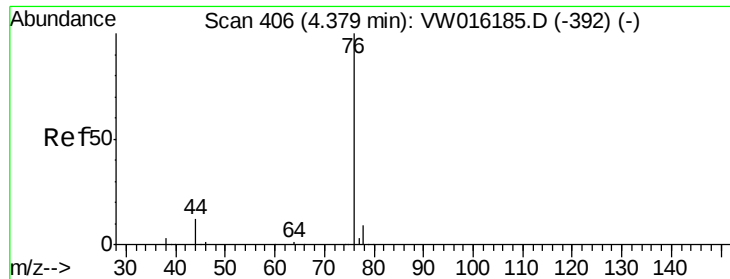
Delta R.T. -0.03 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Tgt Ion:	43	Resp:	93324
Ion Ratio	Lower	Upper	
43	100		
58	32.2	25.8	38.6





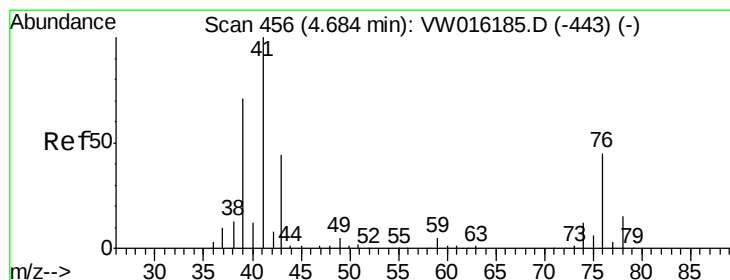
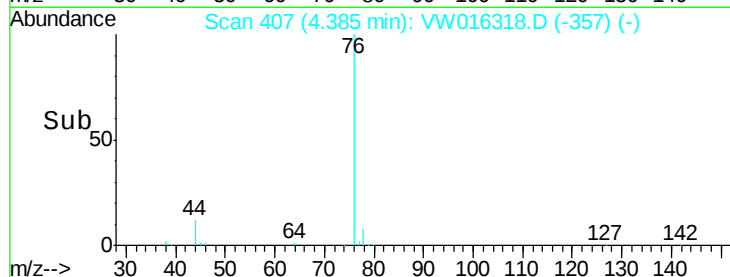
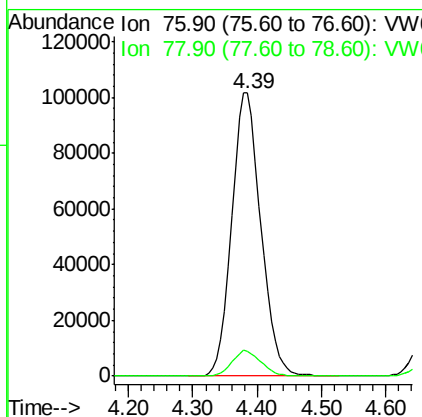
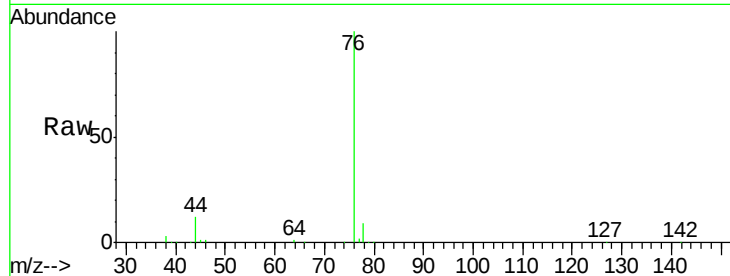
#17
Carbon Disulfide
Concen: 46.397 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

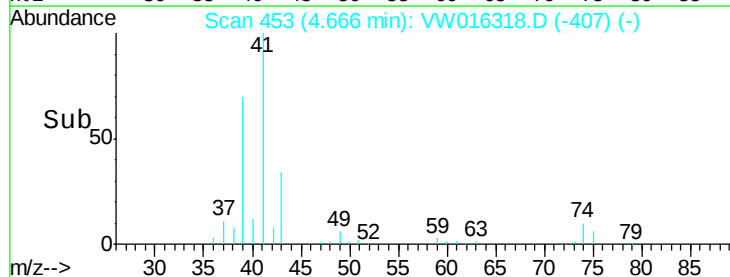
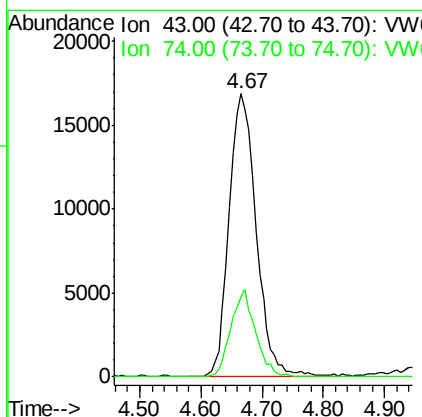
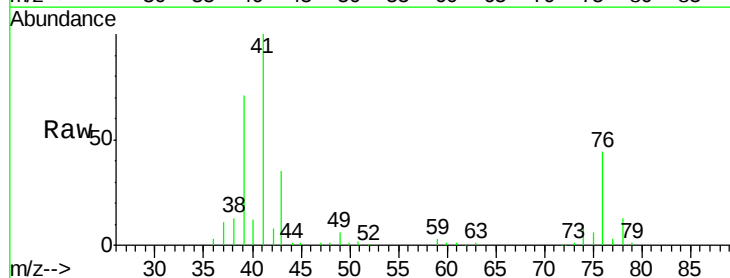
Manual Integrations
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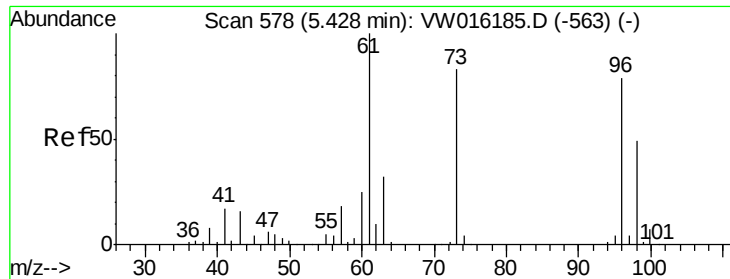
MMDadoda
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#18
Methyl Acetate
Concen: 55.594 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.02 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.7	20.6	31.0





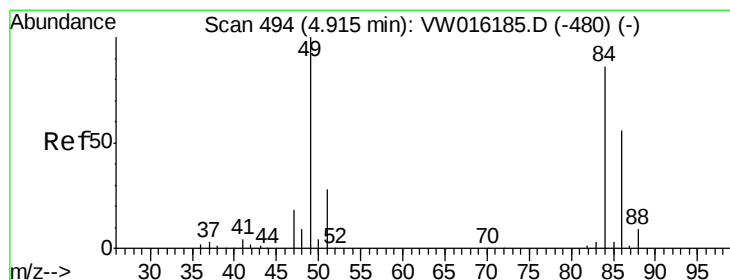
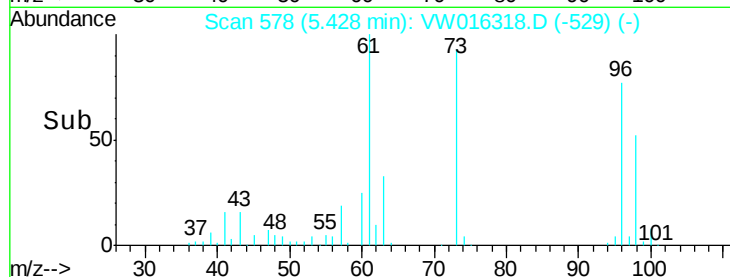
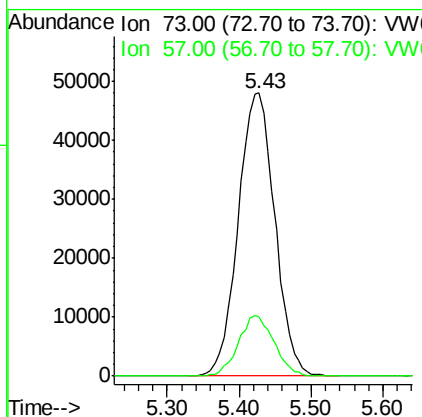
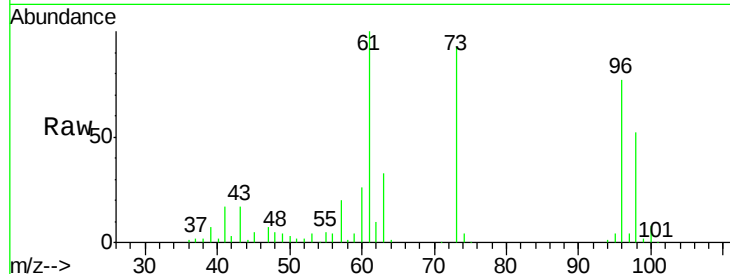
#19
Methvl tert-butvl Ether
Concen: 58.667 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 169329
Ion Ratio Lower Upper
73 100
57 20.9 17.2 25.8

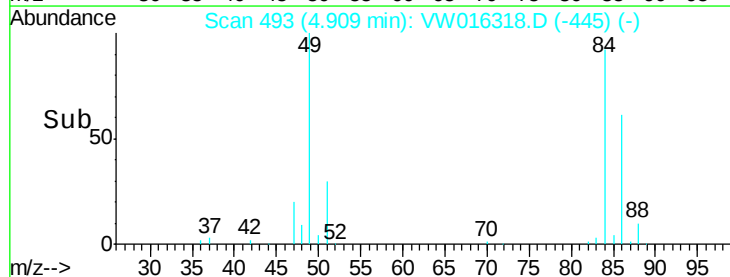
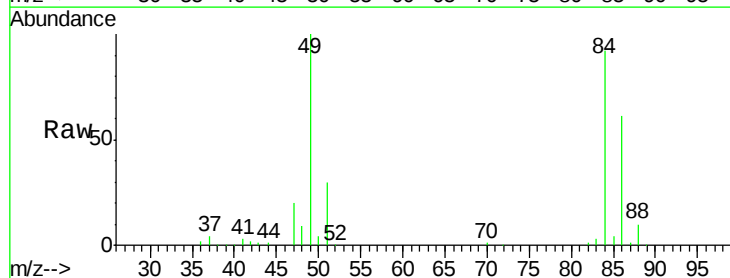
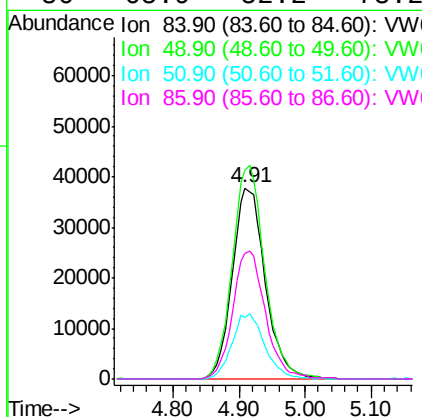
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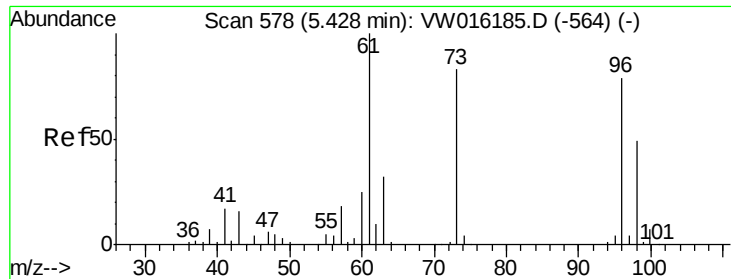
MMDadoda
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#20
Methylene Chloride
Concen: 52.984 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion: 84 Resp: 130912
Ion Ratio Lower Upper
84 100
49 108.8 93.4 140.2
51 32.4 26.6 40.0
86 65.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 48.557 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Instrument :

MSVOA_W

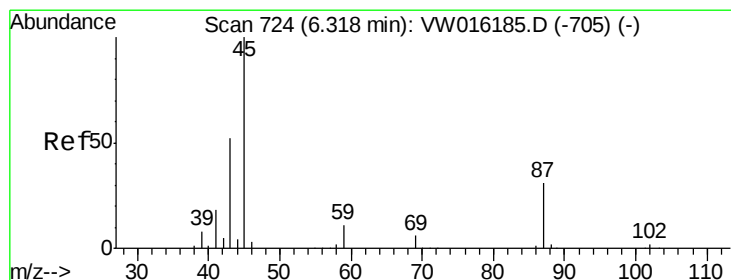
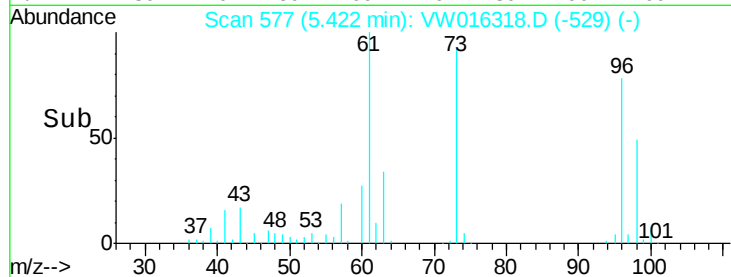
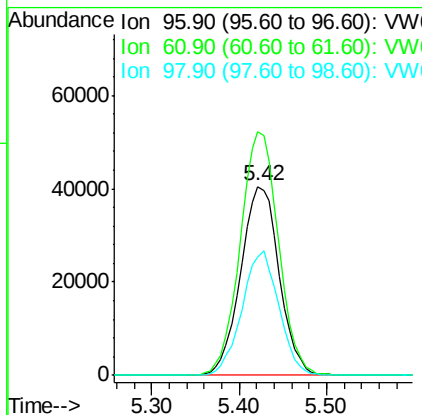
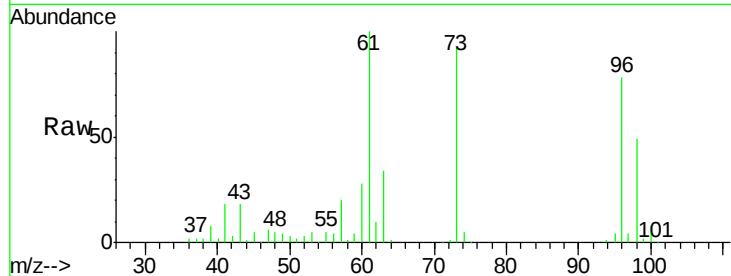
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	123945
Ion	Ratio	Lower	Upper
96	100		
61	128.7	101.4	152.0
98	62.5	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.676 ug/l

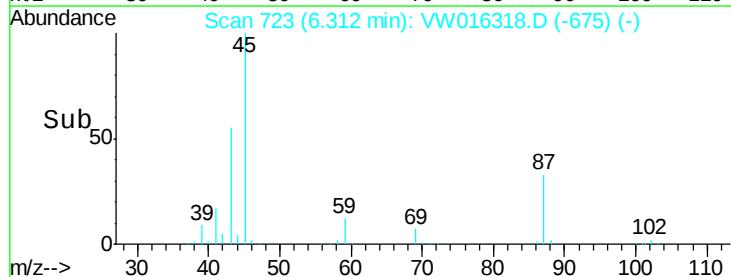
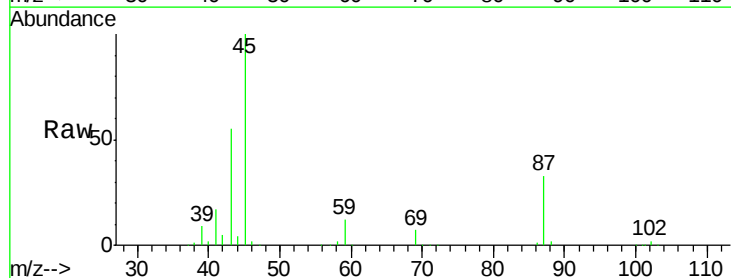
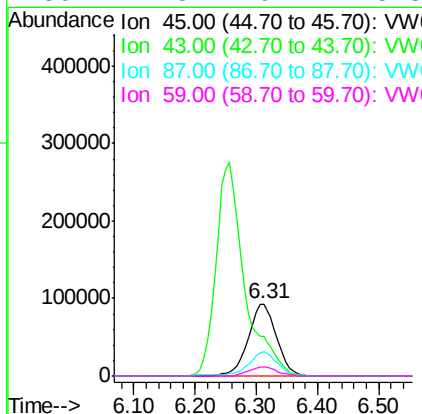
RT: 6.31 min Scan# 723

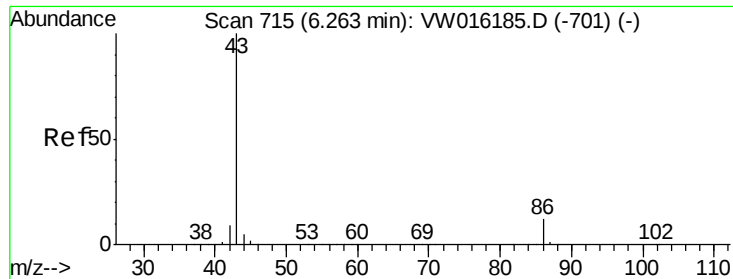
Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Tgt Ion:	45	Resp:	300041
Ion	Ratio	Lower	Upper
45	100		
43	54.6	41.7	62.5
87	33.3	25.0	37.6
59	12.3	9.2	13.8





#23

Vinyl Acetate

Concen: 266.400 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 903160

Ion Ratio Lower Upper

43 100

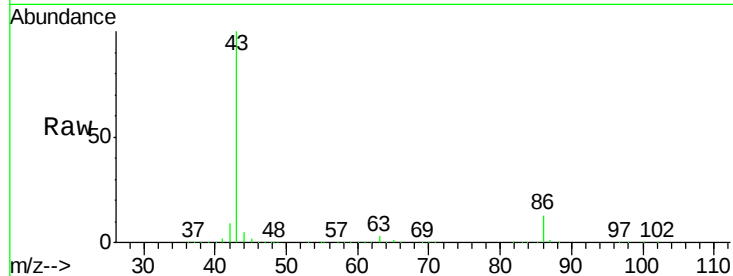
86 12.6 9.8 14.8

Manual Integrations

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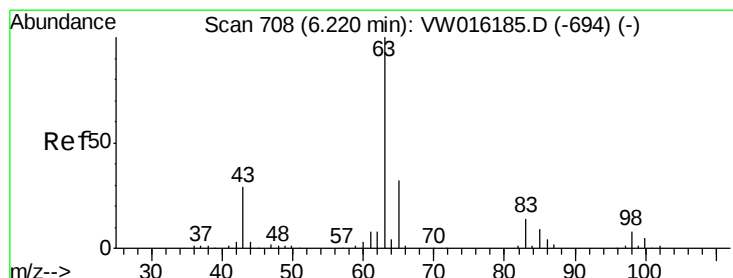
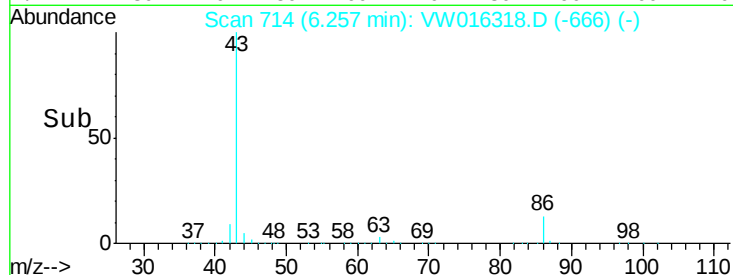
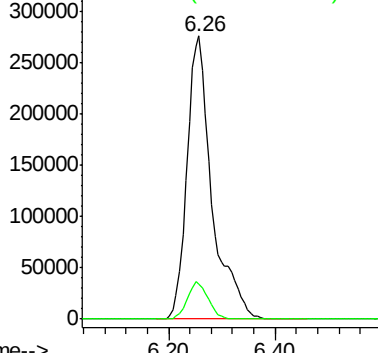
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 48.768 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

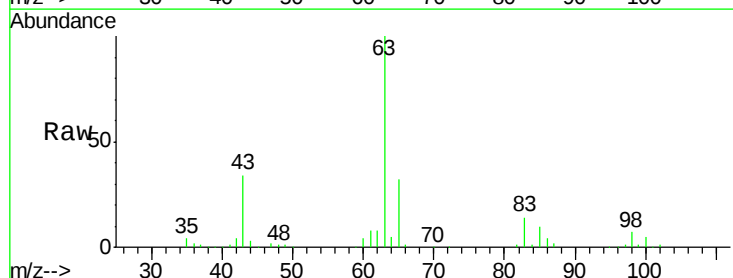
Tgt Ion: 63 Resp: 201529

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

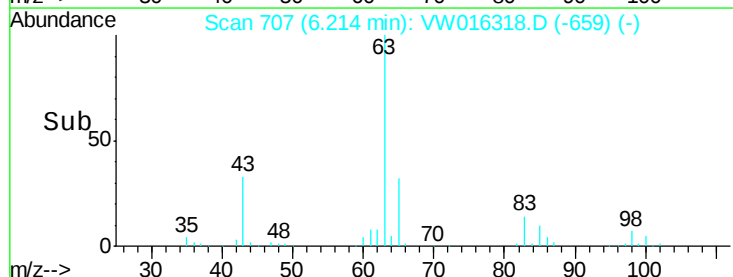
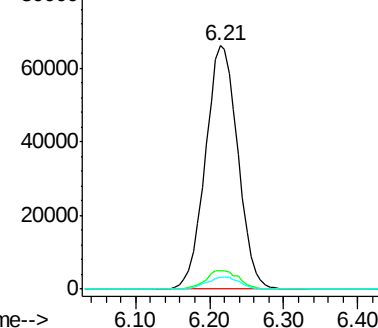
100 4.8 2.6 8.0

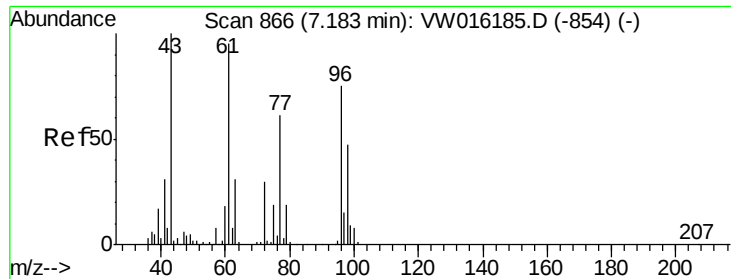


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 268.166 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 143750

Ion Ratio Lower Upper

43 100

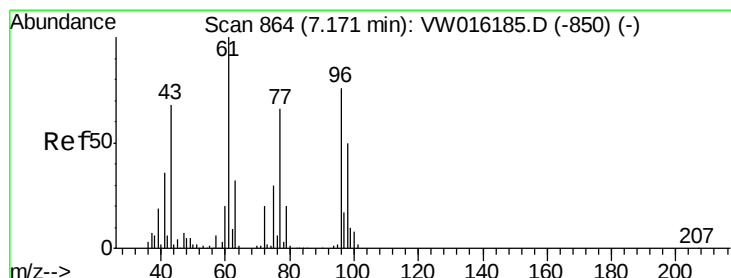
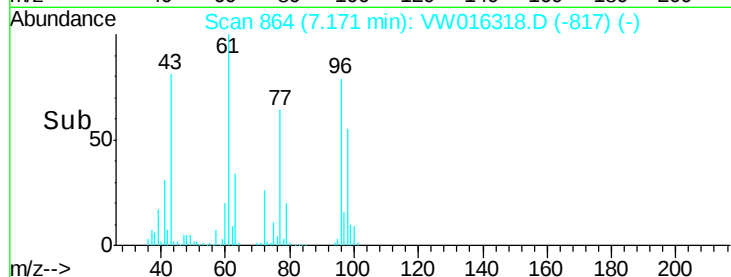
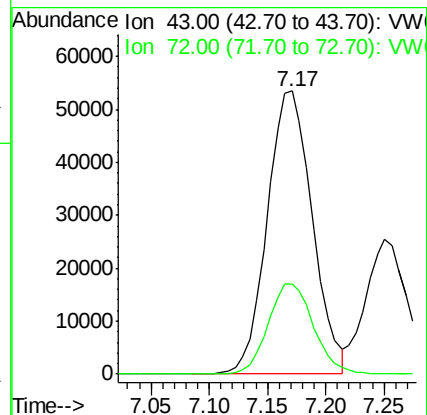
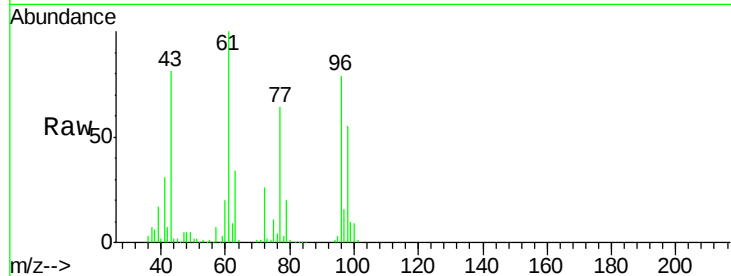
72 31.9 24.2 36.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.623 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016318.D

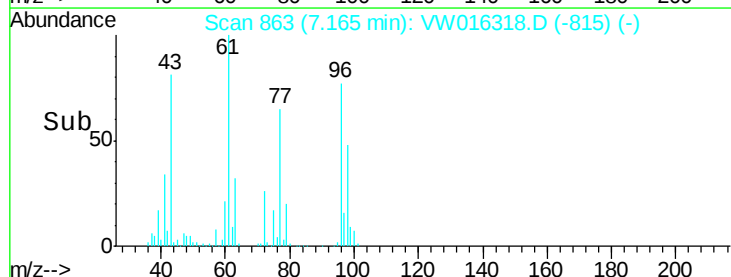
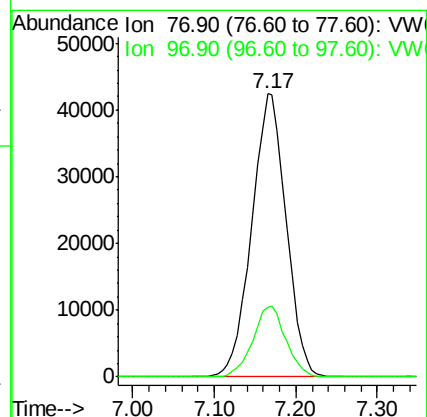
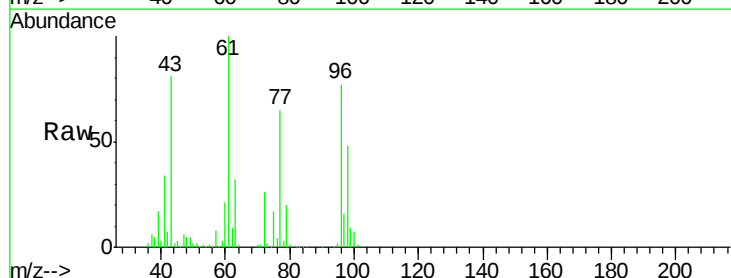
Acq: 21 Aug 2020 20:26

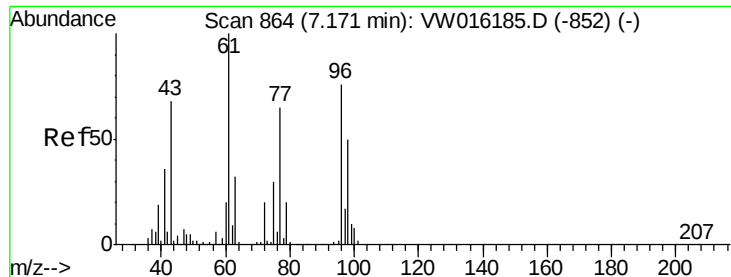
Tgt Ion: 77 Resp: 124453

Ion Ratio Lower Upper

77 100

97 24.0 12.1 36.3





#27

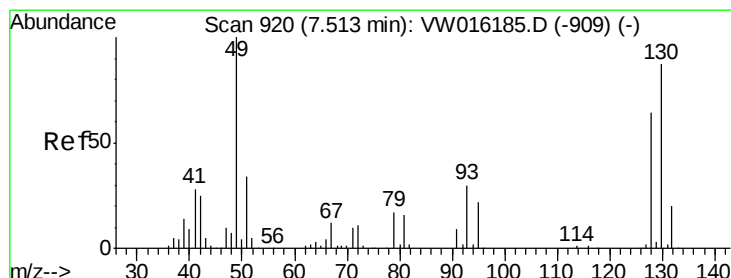
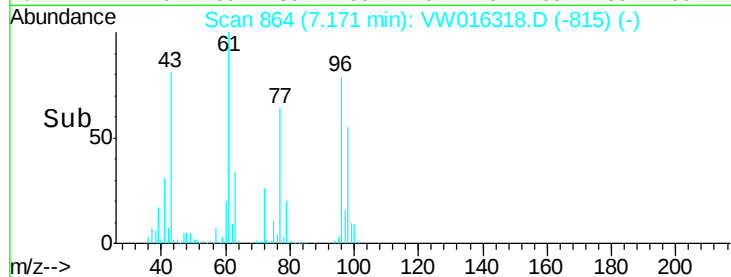
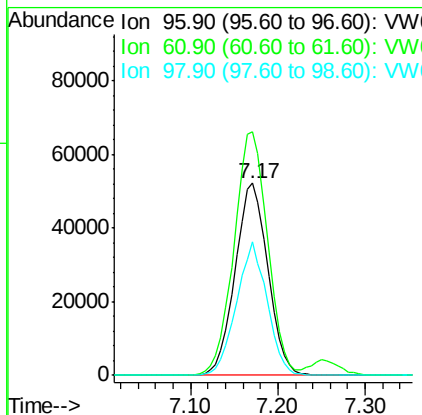
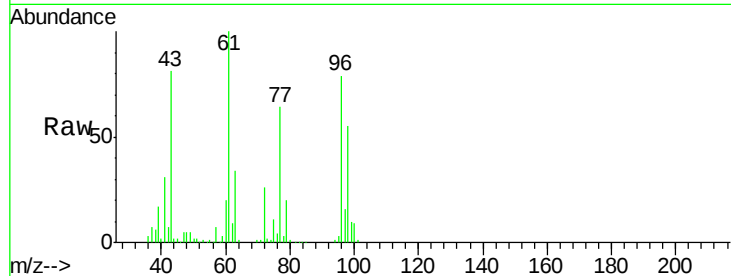
cis-1,2-Dichloroethene
 Concen: 51.711 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	136248		
61	130.2	0.0	267.0	
98	64.9	0.0	129.6	

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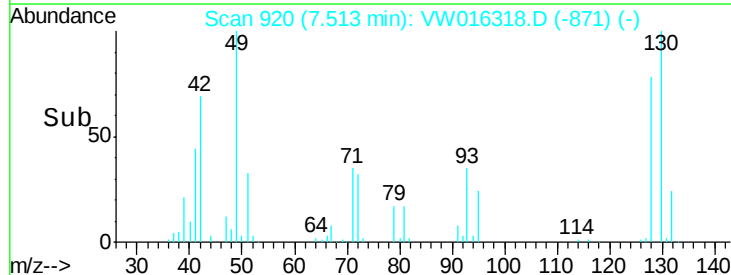
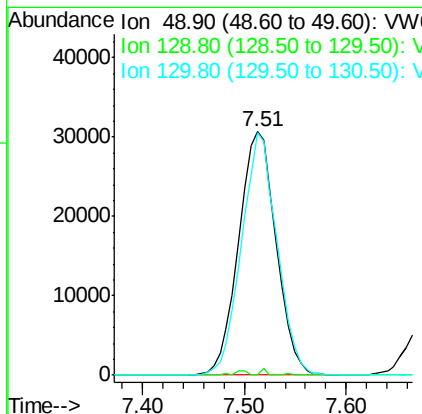
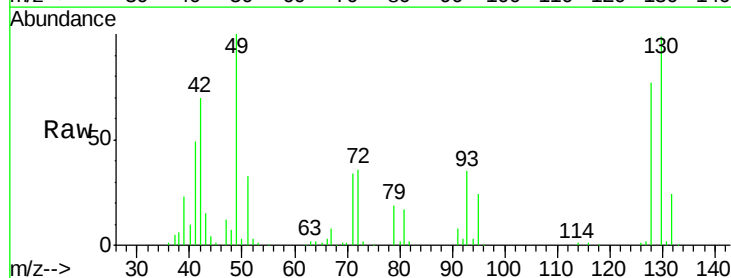
MMDadoda
 8/24/2020 4:55:04 PM

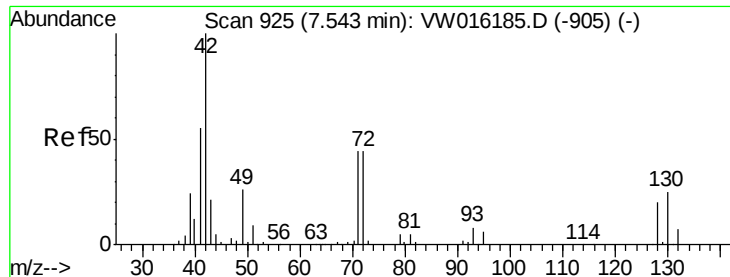


#28

Bromochloromethane
 Concen: 49.915 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78257		
129	0.4	0.0	4.2	
130	93.9	69.9	104.9	





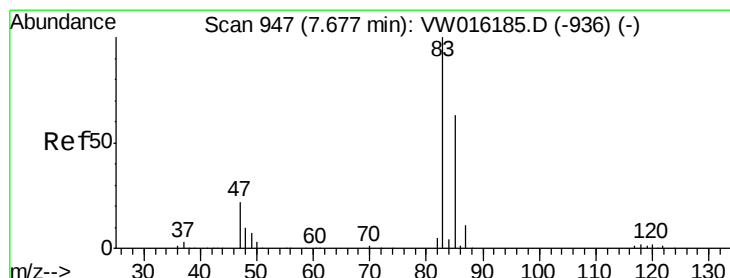
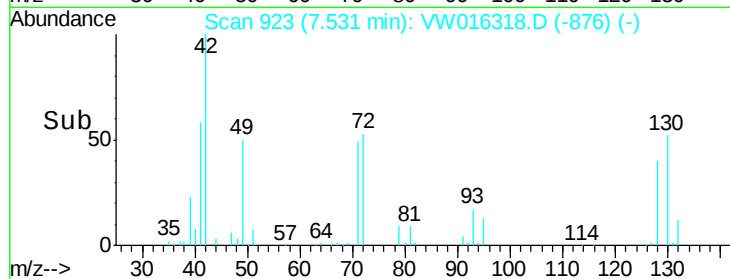
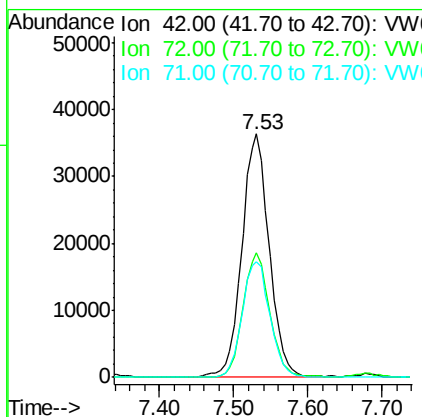
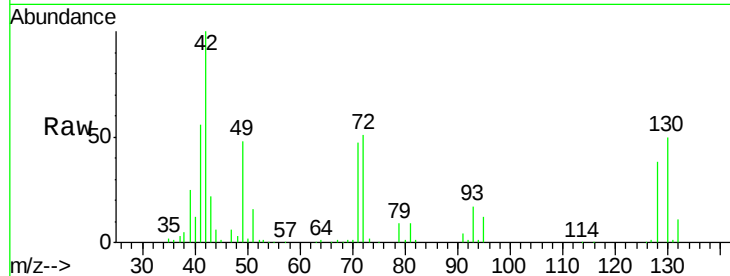
#29
Tetrahydrofuran
Concen: 293.651 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	37.4	56.2
71	48.0	35.6	53.4

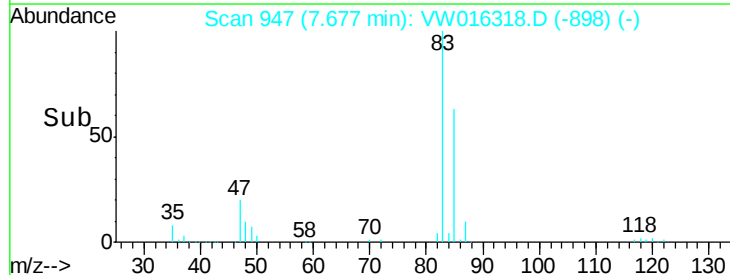
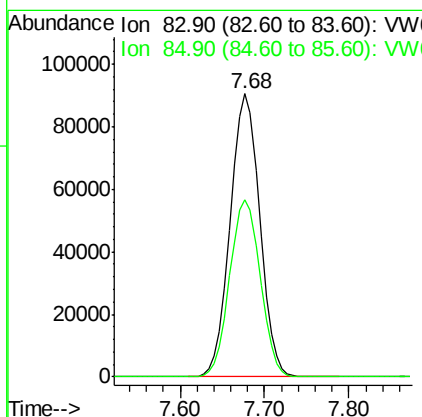
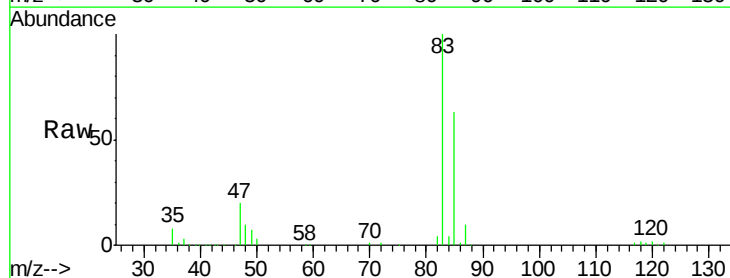
Manual Integrations
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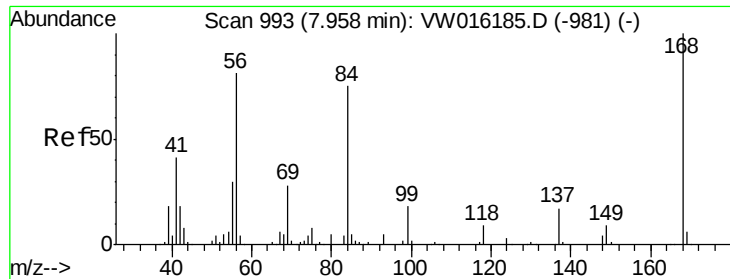
MMDadoda
8/24/2020 4:55:04 PM



#30
Chloroform
Concen: 50.120 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.0	75.0





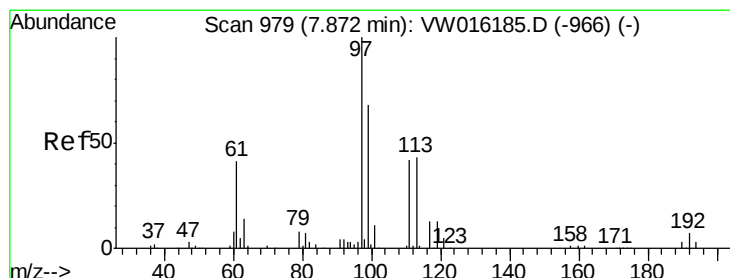
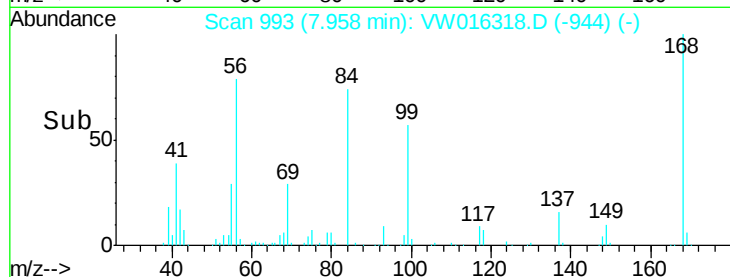
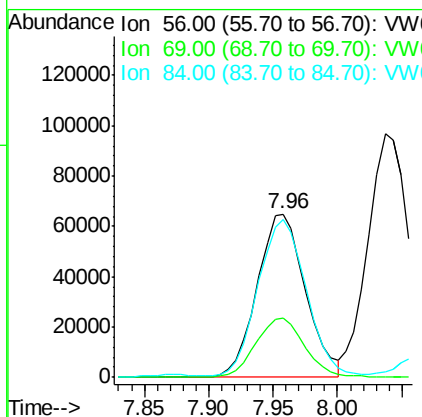
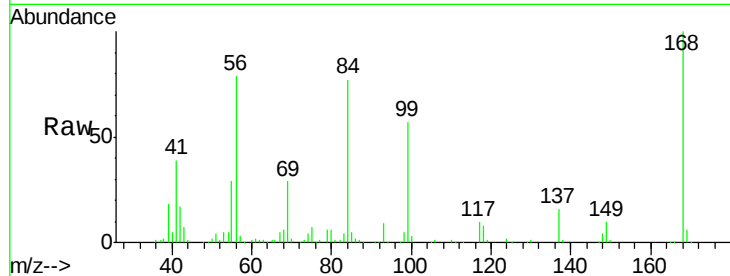
#31
Cyclohexane
Concen: 44.316 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		168860		
69	36.1	27.3	40.9		
84	95.5	73.5	110.3		

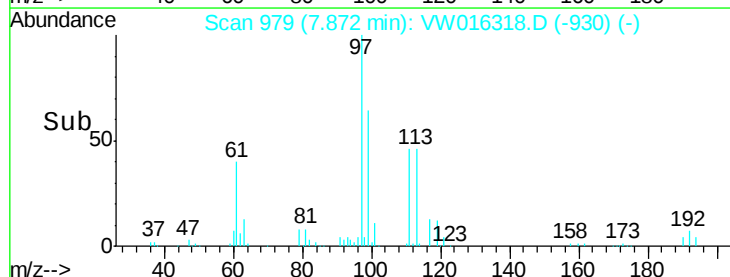
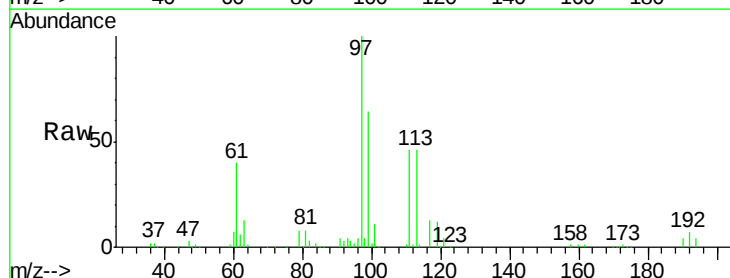
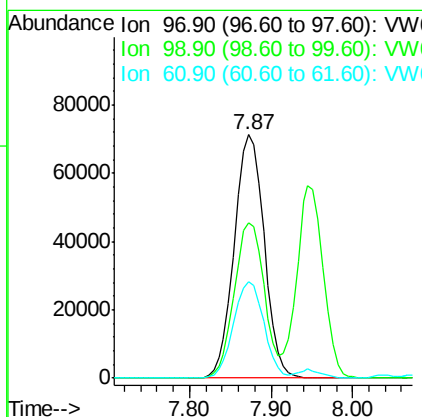
Manual Integrations
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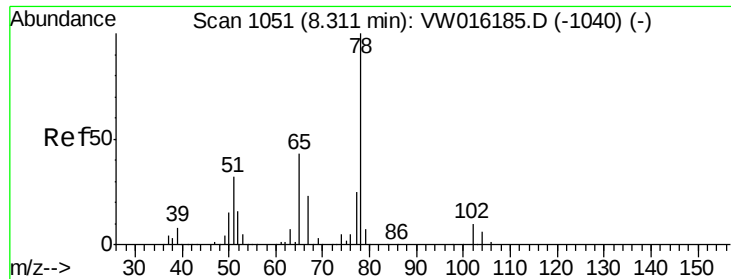
MMDadoda
8/24/2020 4:55:04 PM



#32
1,1,1-Trichloroethane
Concen: 50.270 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		181341		
99	63.5	51.3	76.9		
61	40.2	33.2	49.8		





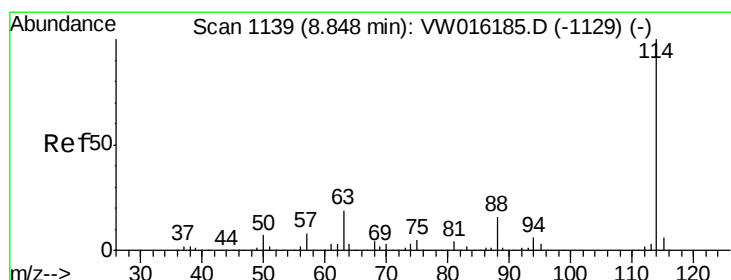
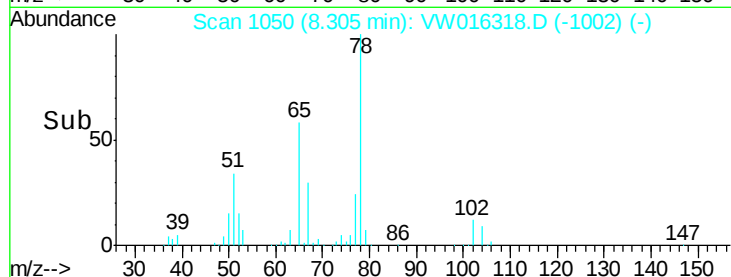
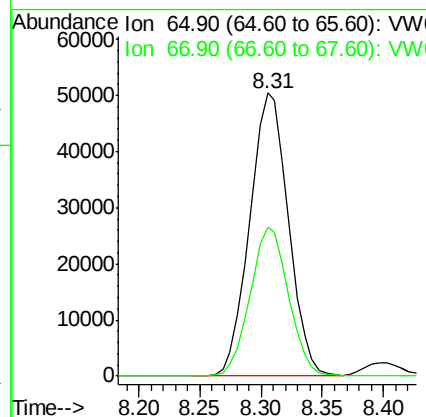
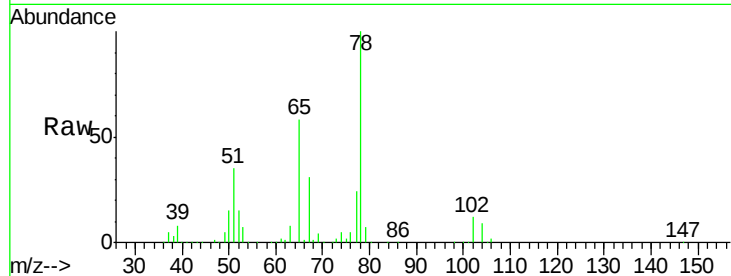
#33
 1,2-Dichloroethane-d4
 Concen: 53.300 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	111287		
67	52.2	0.0	105.6	

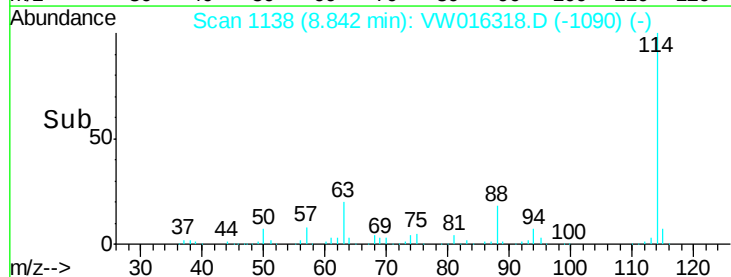
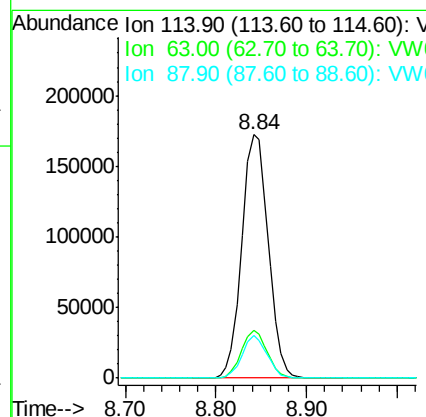
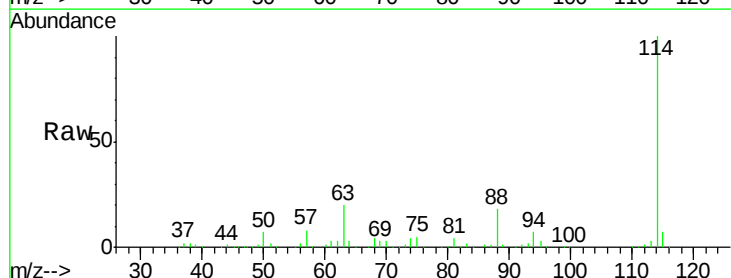
Manual Integrations
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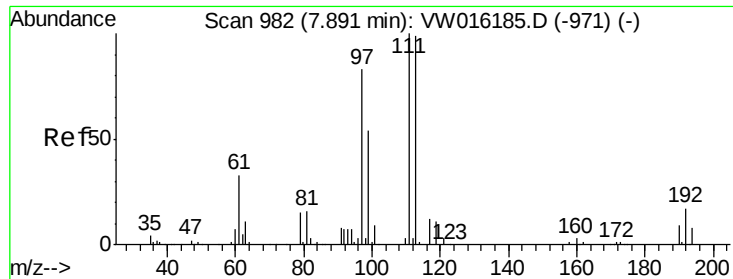
MMDadoda
 8/24/2020 4:55:04 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	348741		
63	19.6	0.0	38.4	
88	17.6	0.0	32.8	





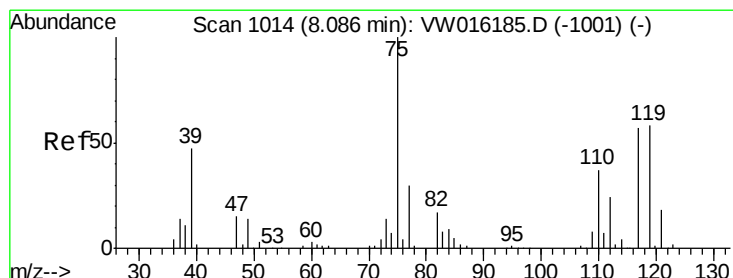
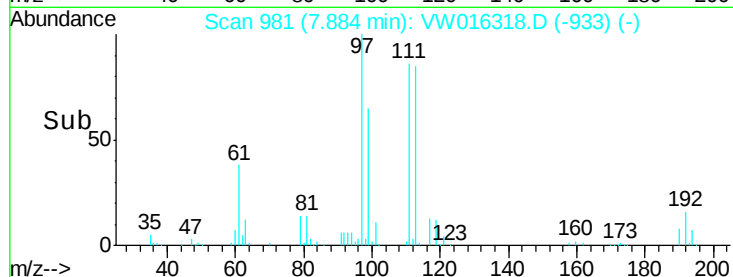
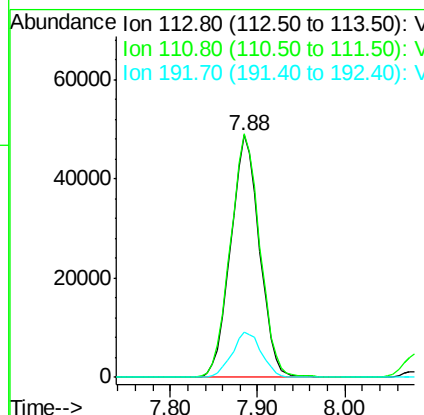
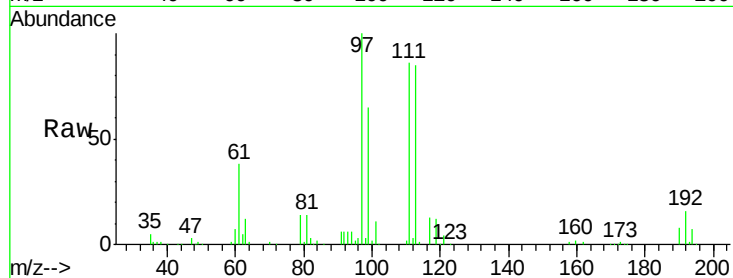
#35
 Dibromofluoromethane
 Concen: 51.989 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111868		
111	103.2	83.5	125.3	
192	19.0	14.3	21.5	

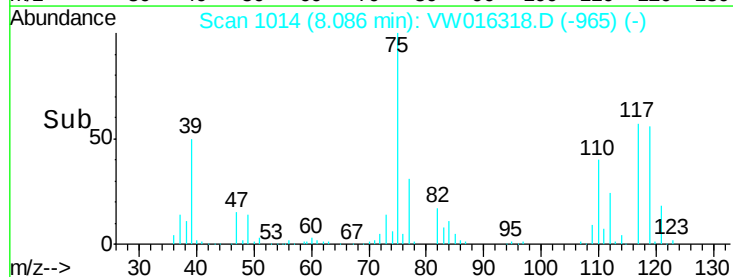
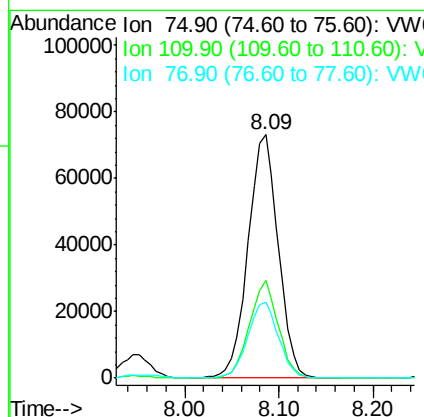
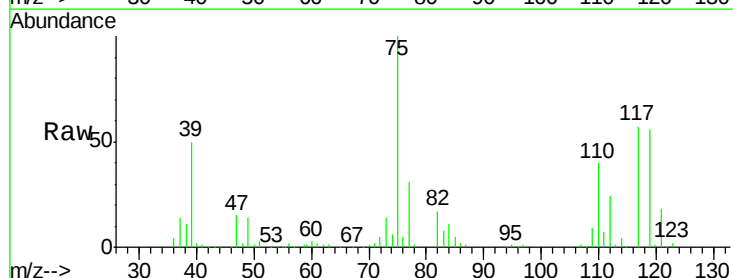
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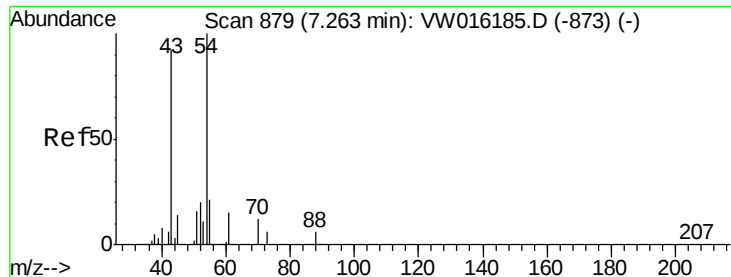
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#36
 1,1-Dichloropropene
 Concen: 47.881 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	164500		
110	38.1	18.1	54.3	
77	31.7	24.7	37.1	





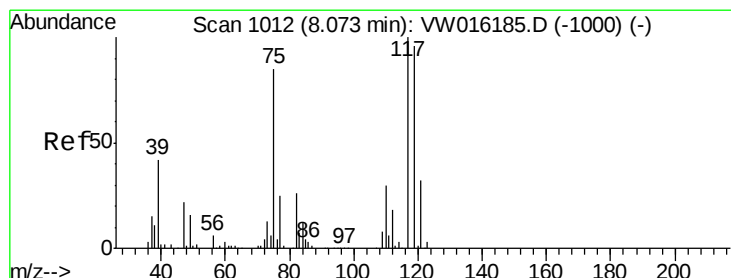
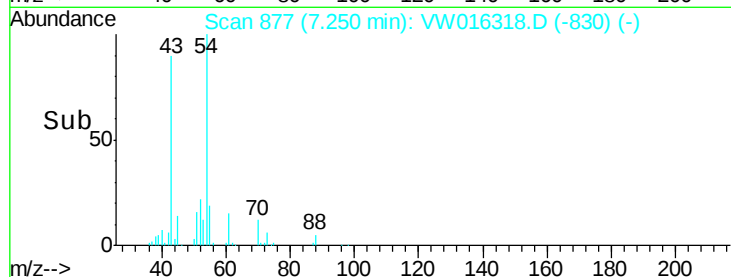
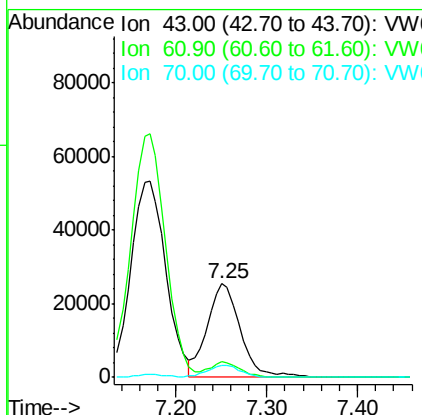
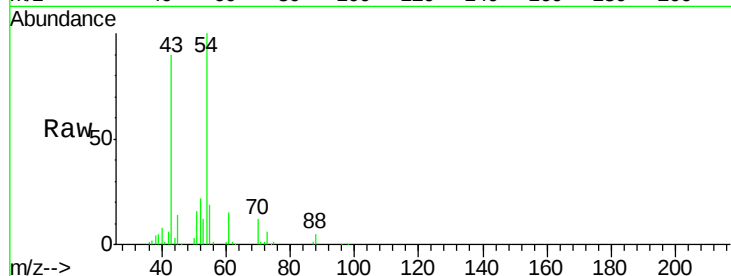
#37
Ethyl Acetate
Concen: 54.792 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.6	18.8
70	13.2	9.8	14.8

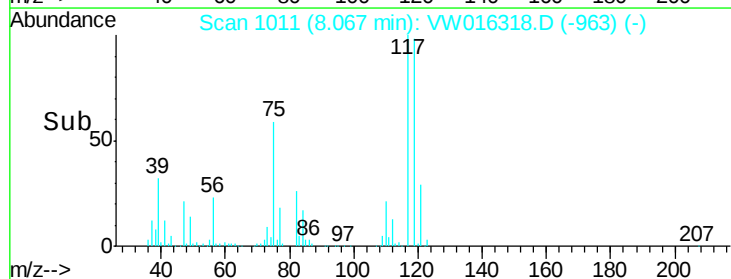
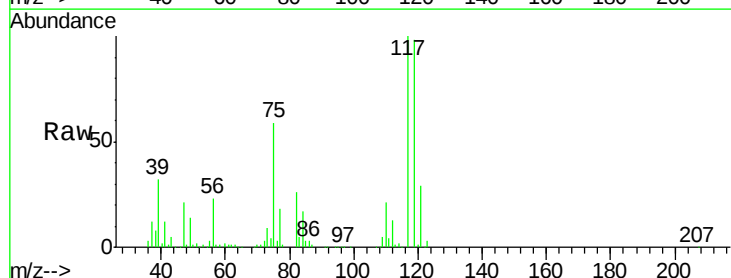
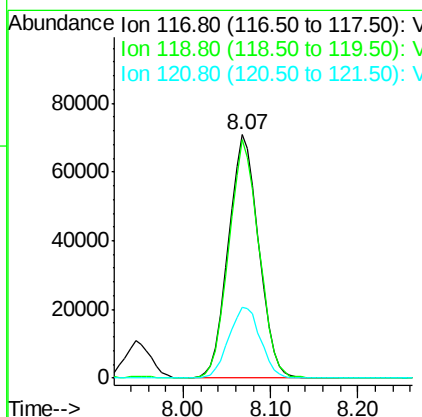
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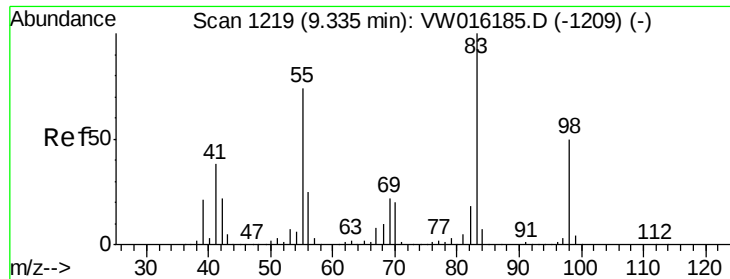
MMDadoda
8/24/2020 4:55:04 PM



#38
Carbon Tetrachloride
Concen: 49.825 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.6	115.0
121	29.2	25.4	38.0





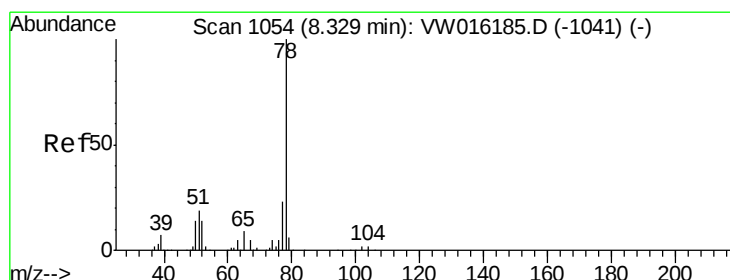
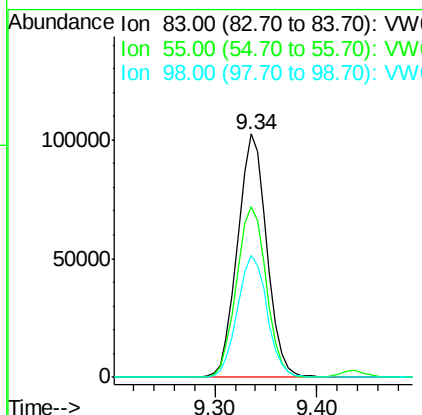
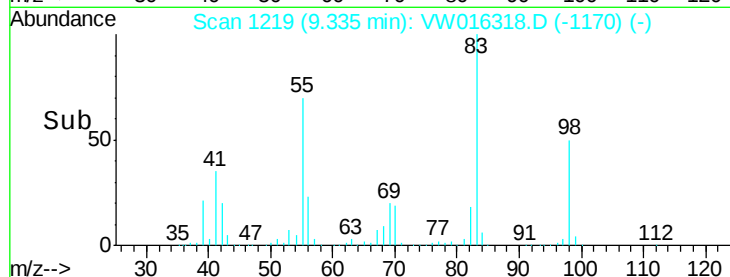
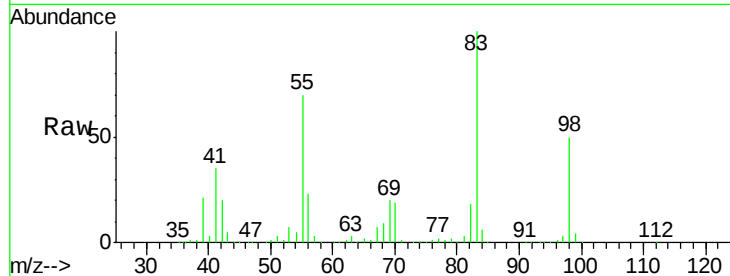
#39
Methvlcvclohexane
Concen: 49.137 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	203344		
55	69.8		59.2	88.8
98	50.0		40.2	60.2

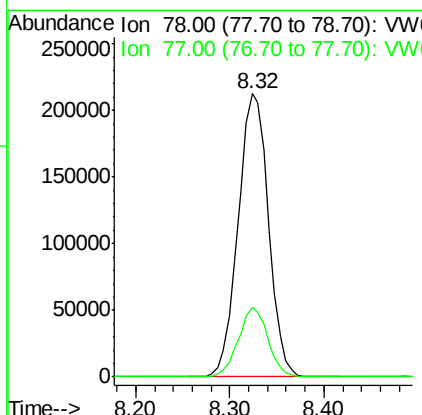
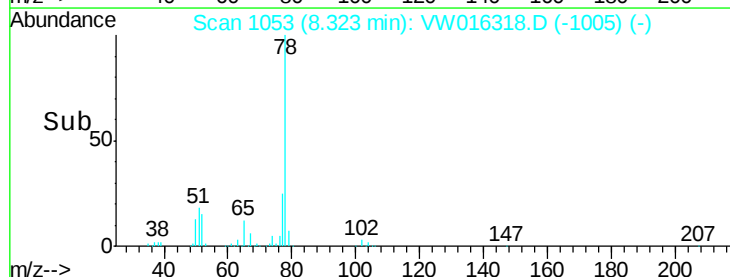
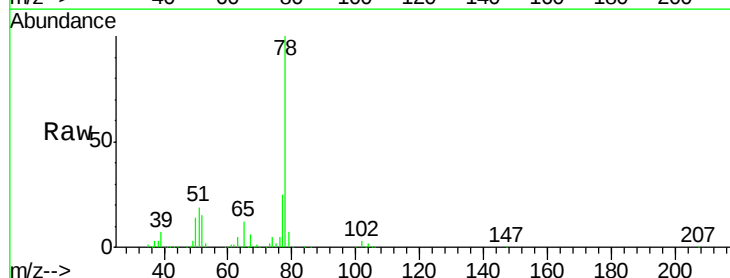
Manual Integrations
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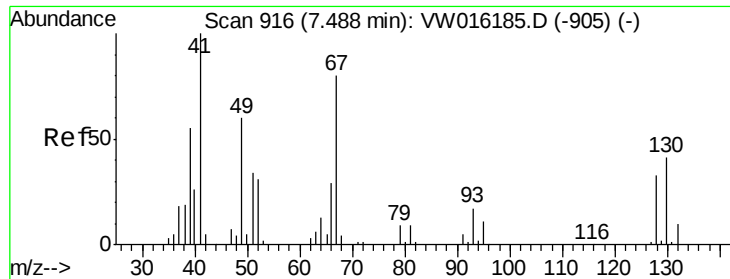
MMDadoda
8/24/2020 4:55:04 PM



#40
Benzene
Concen: 49.369 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	477153		
77	24.6		18.6	28.0





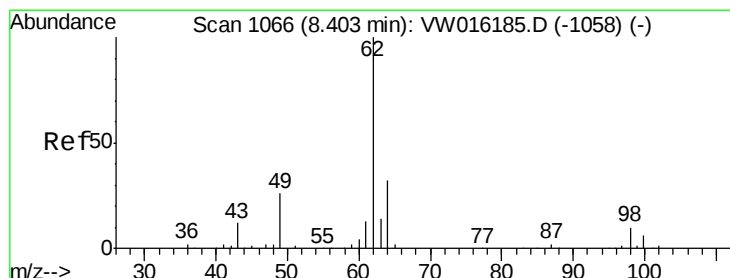
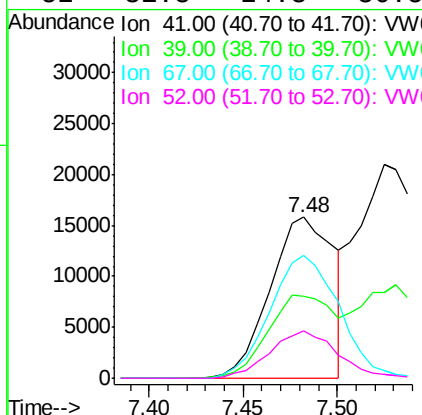
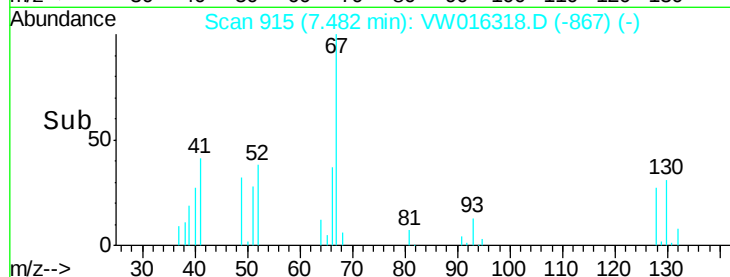
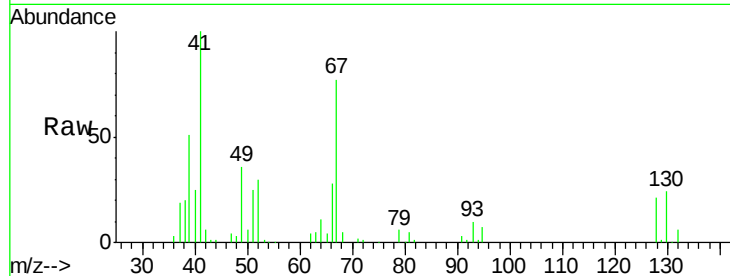
#41
Methacrylonitrile
Concen: 55.028 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	36993
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.4	65.2
67	83.1	61.5	92.3
52	31.8	24.3	36.5

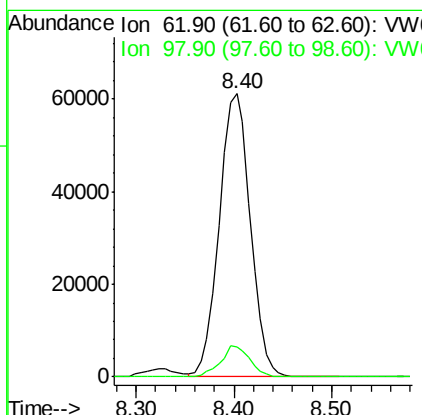
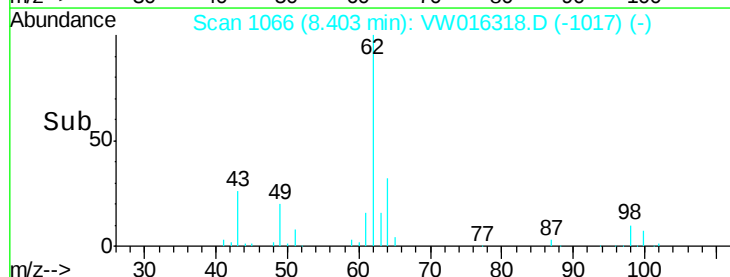
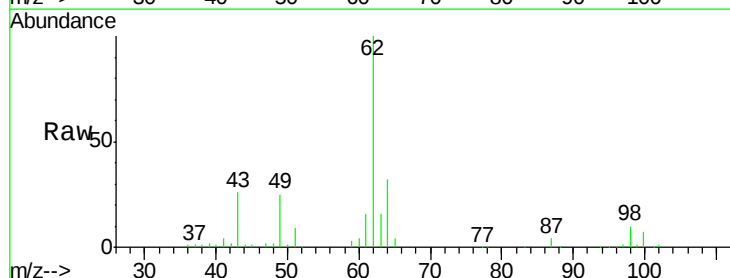
Manual Integrations
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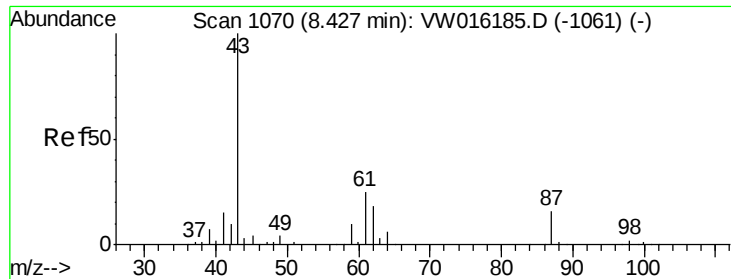
MMDadoda
8/24/2020 4:55:04 PM



#42
1,2-Dichloroethane
Concen: 52.919 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion:	62	Resp:	135081
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8





#43

Isopropyl Acetate

Concen: 55.755 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Instrument :

MSVOA_W

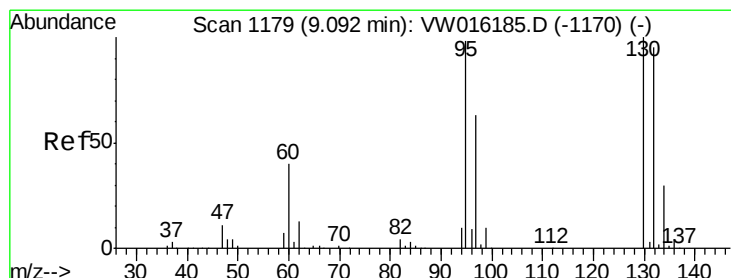
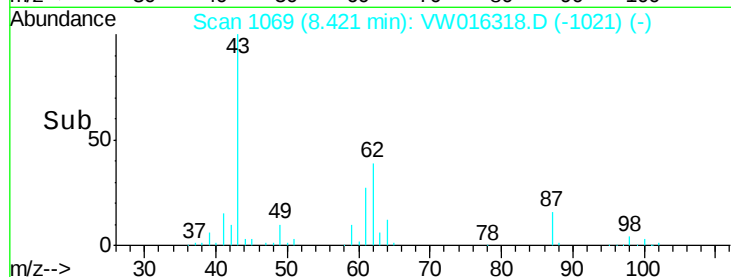
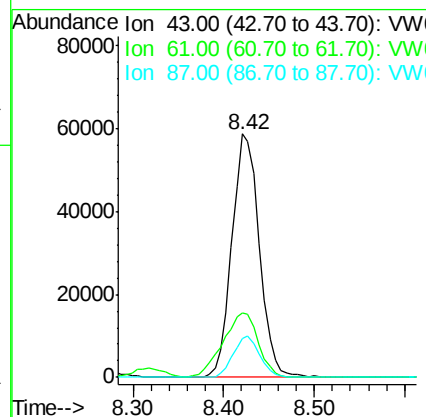
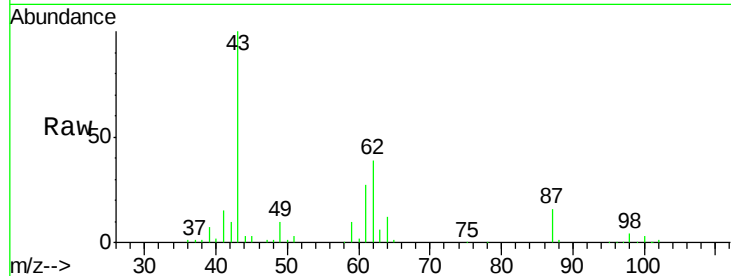
ClientSampleId :

VSTDCCC050EC

Tot Ion	43	Resp	123556
Ion	Ratio	Lower	Upper
43	100		
61	34.3	26.9	40.3
87	16.2	12.0	18.0

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#44

Trichloroethene

Concen: 48.421 ug/l

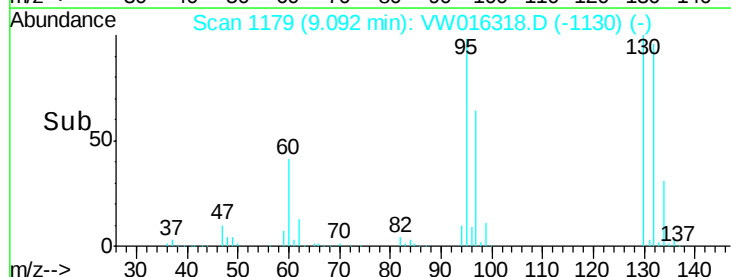
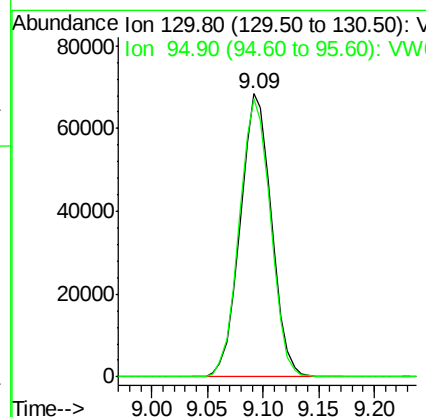
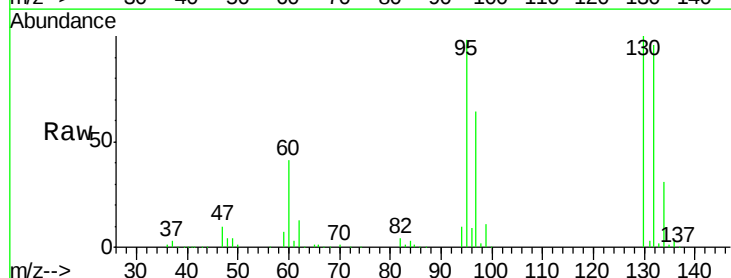
RT: 9.09 min Scan# 1179

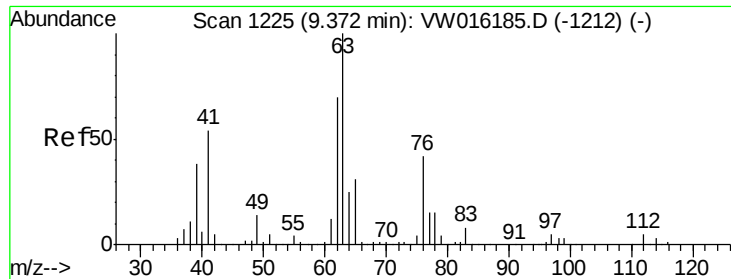
Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Tgt Ion	130	Resp	132544
Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	196.4





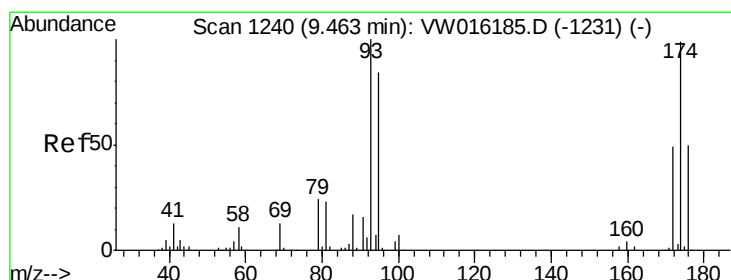
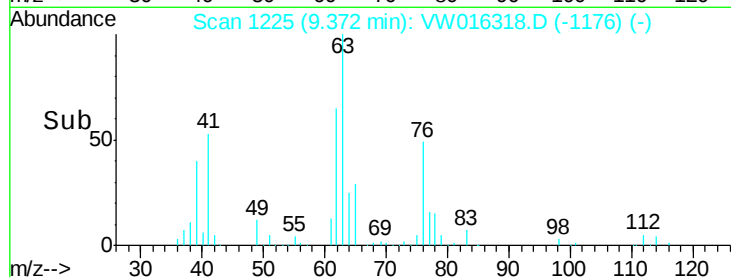
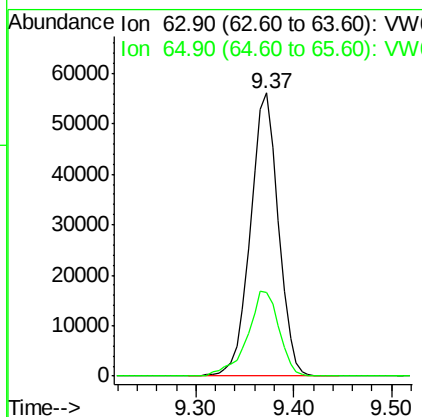
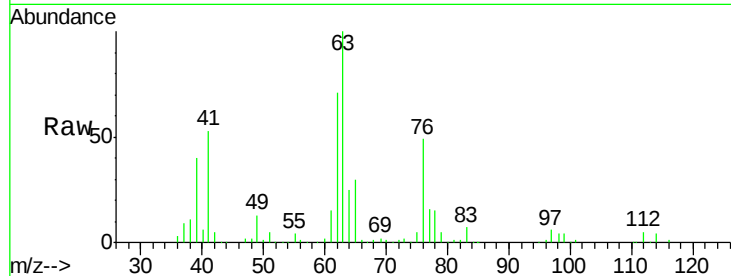
#45
 1,2-Dichloropropane
 Concen: 48.736 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 111034
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.0 37.6

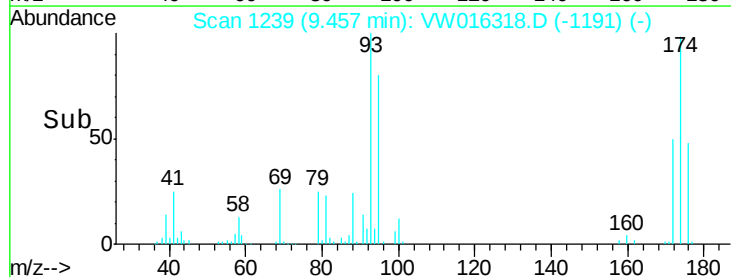
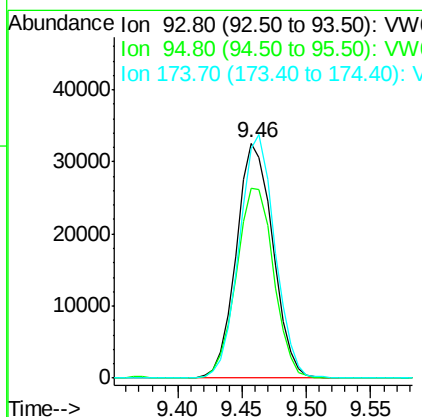
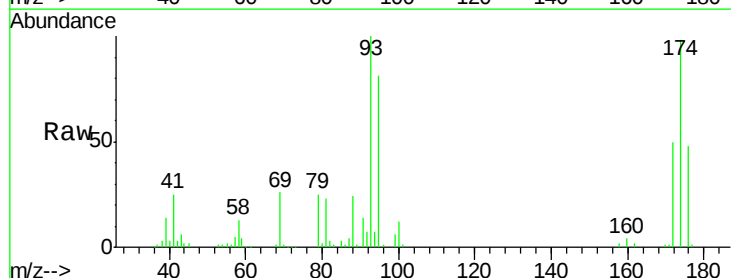
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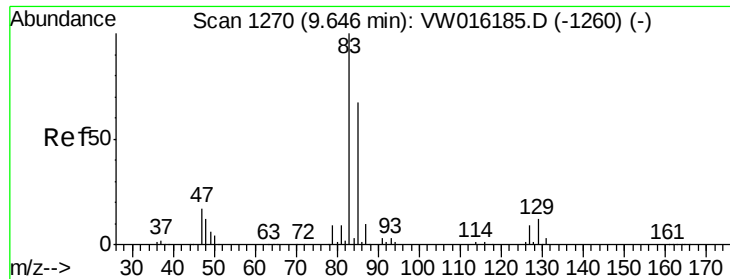
MMDadoda
 8/24/2020 4:55:04 PM



#46
 Dibromomethane
 Concen: 53.611 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion: 93 Resp: 64124
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.9 98.9
 174 100.9 77.0 115.6





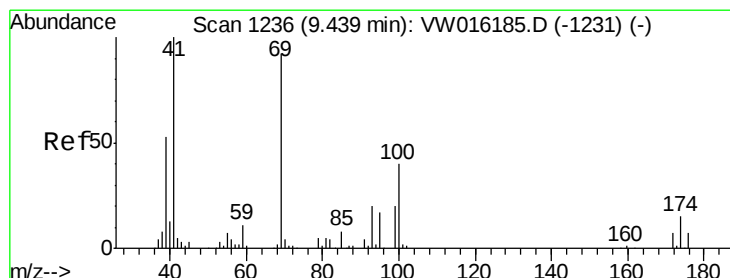
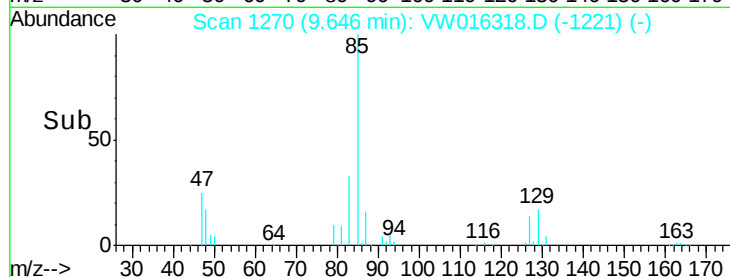
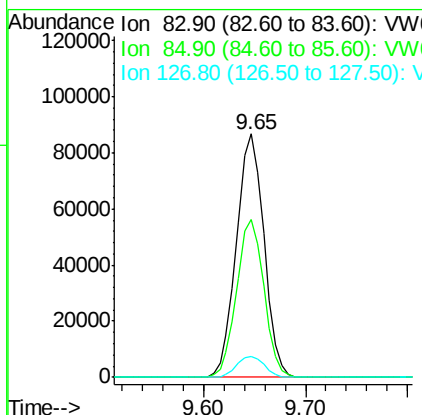
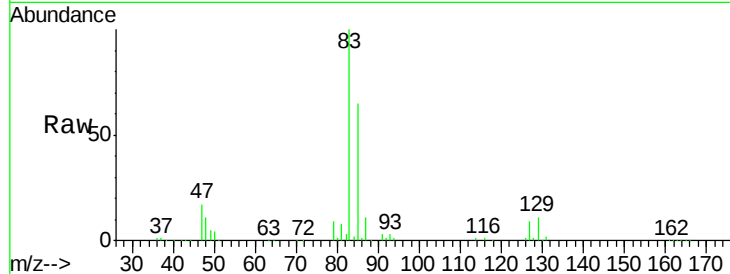
#47
Bromodichloromethane
Concen: 52.577 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	83	Resp:	162479
Ion Ratio	Lower	Upper	
83	100		
85	64.9	53.3	79.9
127	8.8	7.4	11.2

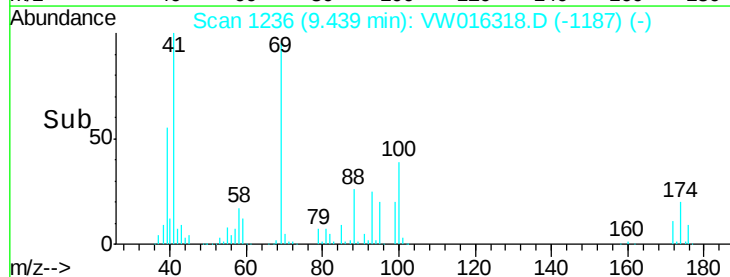
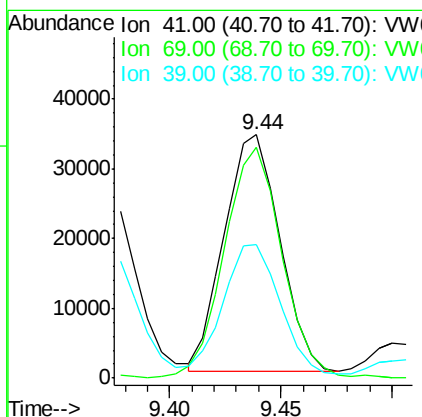
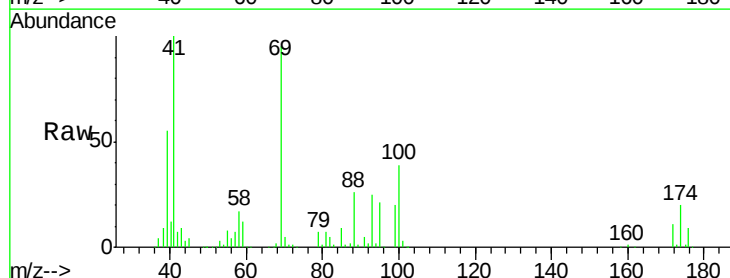
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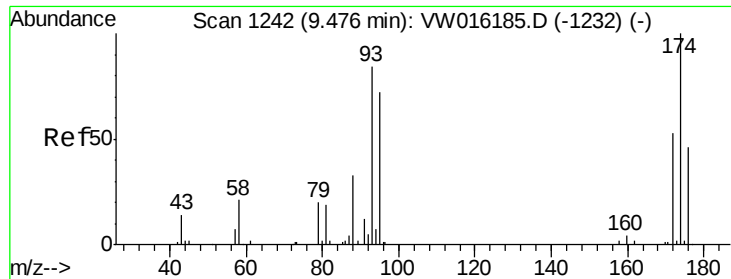
MMDadoda
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#48
Methyl methacrylate
Concen: 57.156 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion:	41	Resp:	58882
Ion Ratio	Lower	Upper	
41	100		
69	102.1	77.4	116.0
39	60.3	42.2	63.2





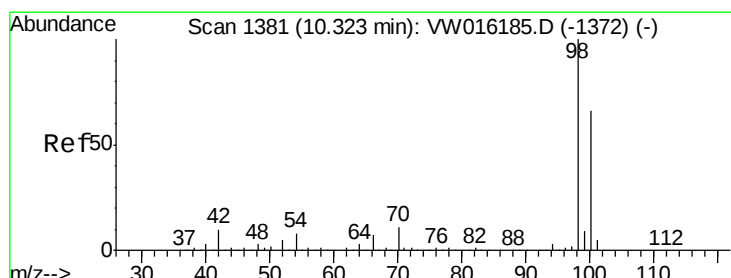
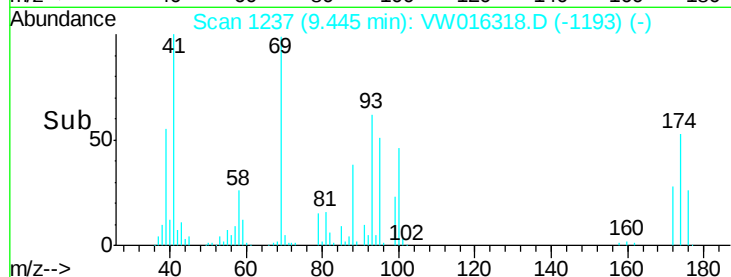
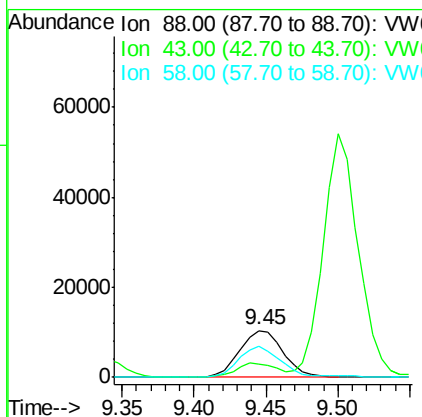
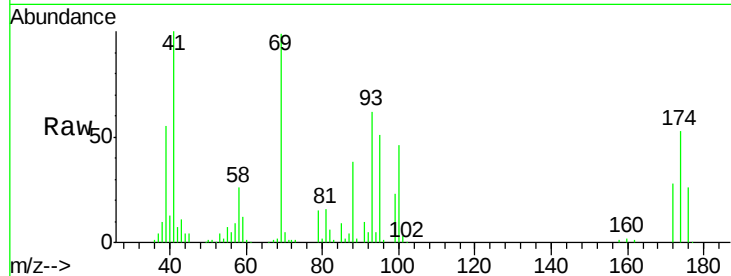
#49
1,4-Dioxane
Concen: 1440.303 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.03 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.7	0.0	0.0#
58	64.8	56.6	84.8

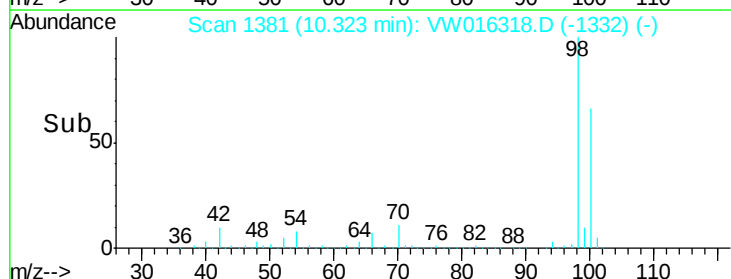
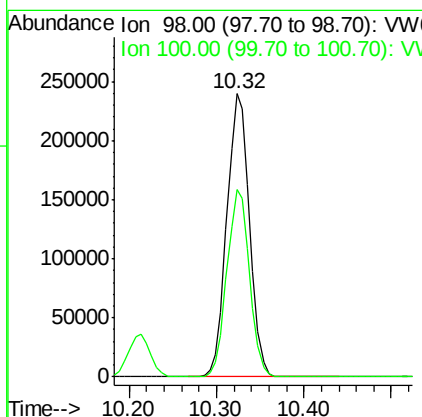
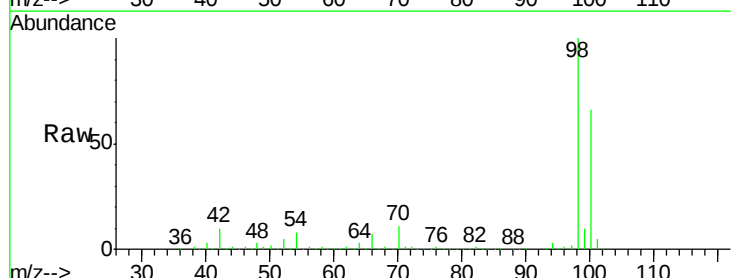
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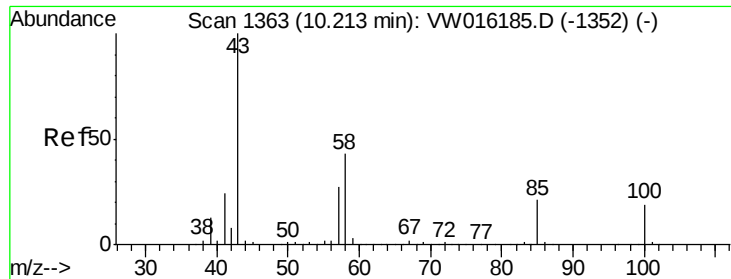
MMDadoda
8/24/2020 4:55:04 PM



#50
Toluene-d8
Concen: 51.524 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 286.065 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 320627

Ion Ratio Lower Upper

43 100

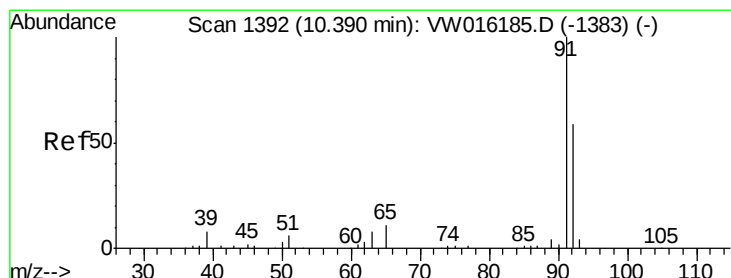
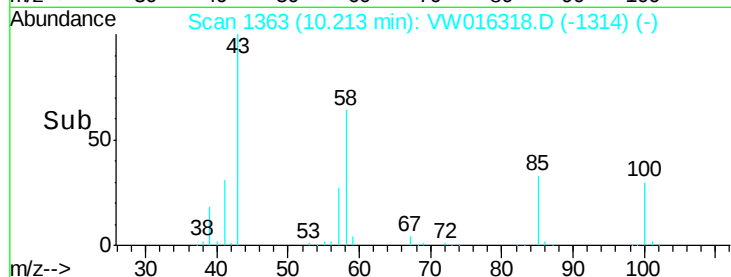
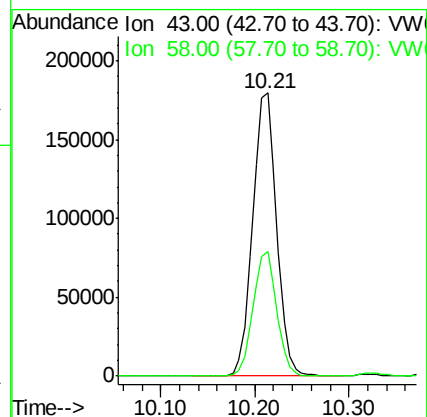
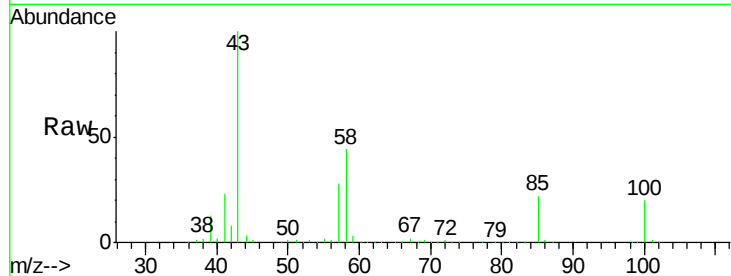
58 43.5 33.7 50.5

Manual Integrations

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8/24/2020 4:55:04 PM



#52

Toluene

Concen: 50.236 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016318.D

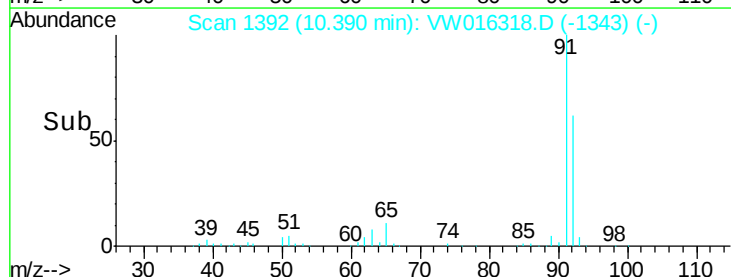
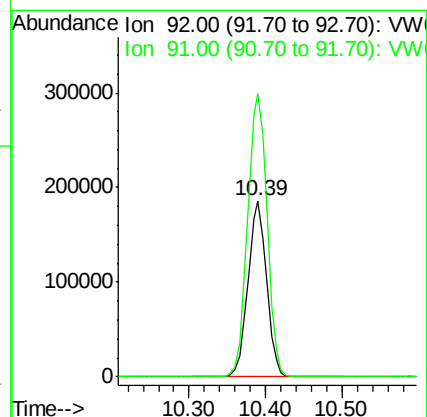
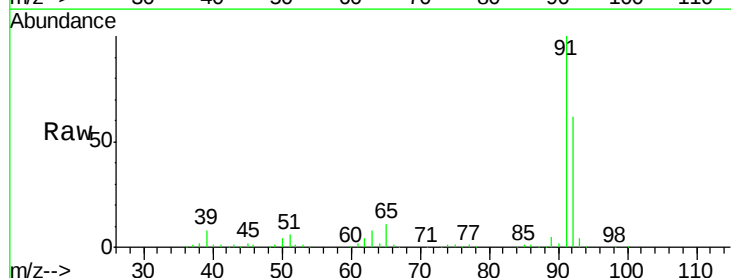
Acq: 21 Aug 2020 20:26

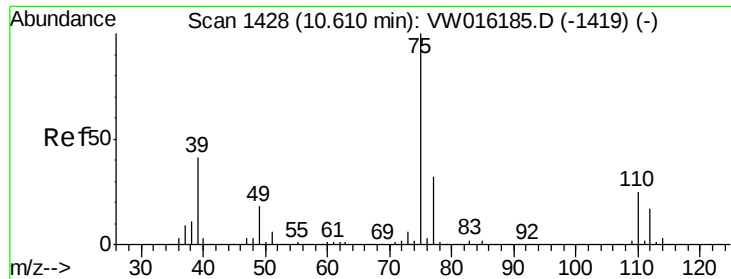
Tgt Ion: 92 Resp: 310907

Ion Ratio Lower Upper

92 100

91 169.0 133.3 199.9





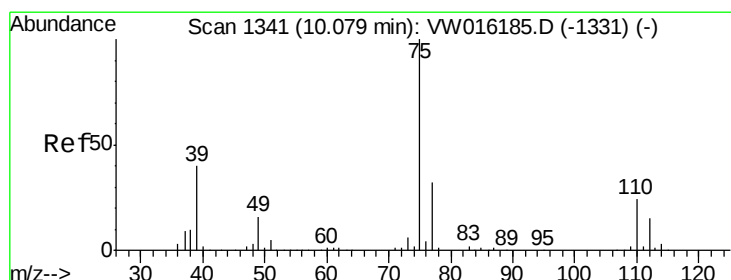
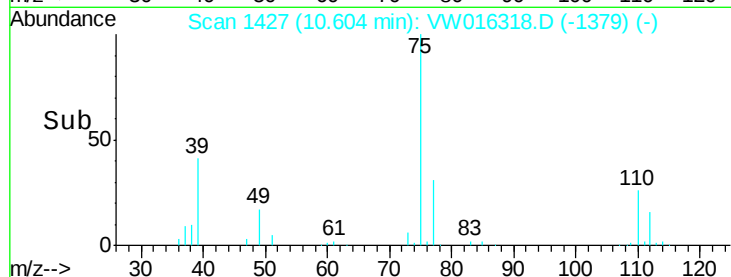
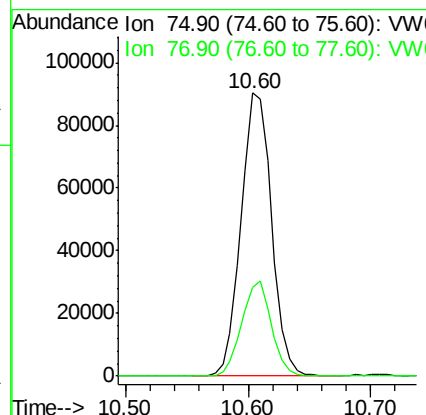
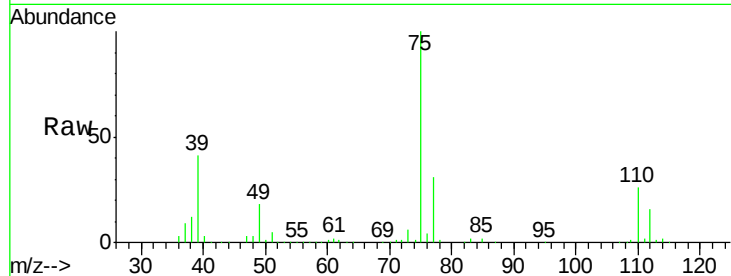
#53
 t-1,3-Dichloropropene
 Concen: 54.612 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
75	100	156266		
77	31.3	25.6	38.4	

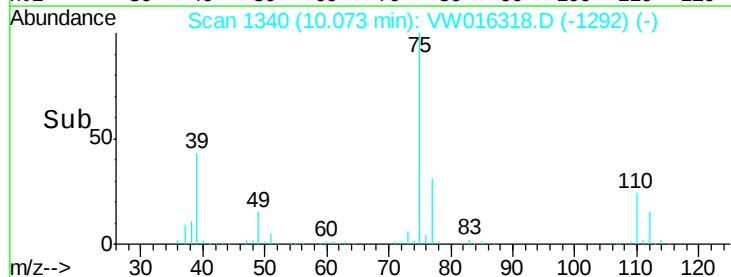
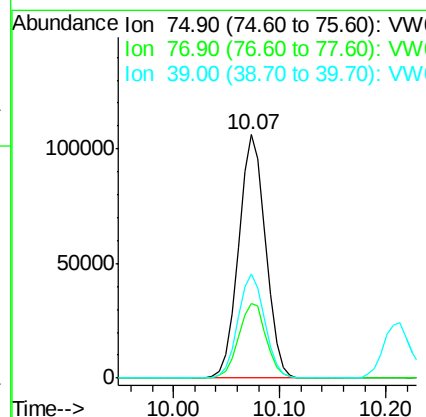
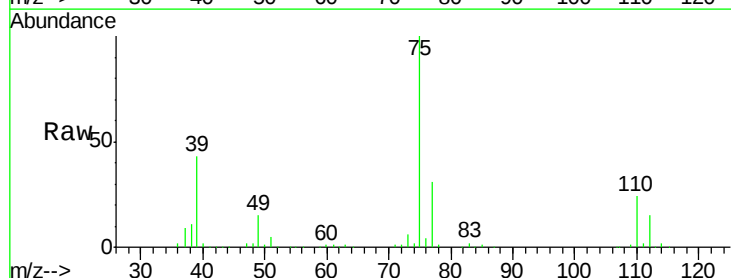
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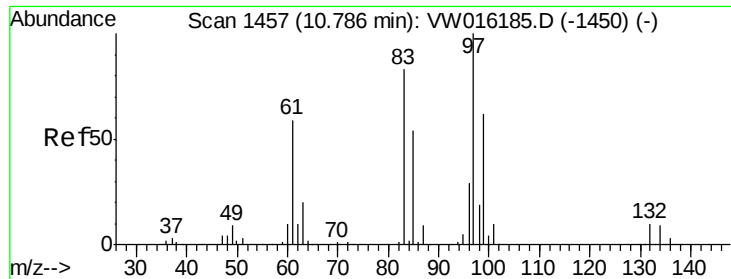
MMDadoda
 8/24/2020 4:55:04 PM



#54
 cis-1,3-Dichloropropene
 Concen: 53.066 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	188715		
77	30.8	25.3	37.9	
39	42.9	32.3	48.5	





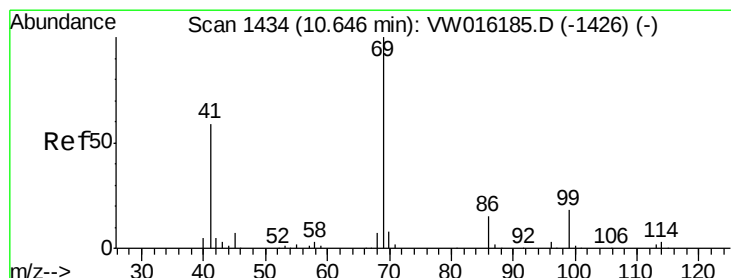
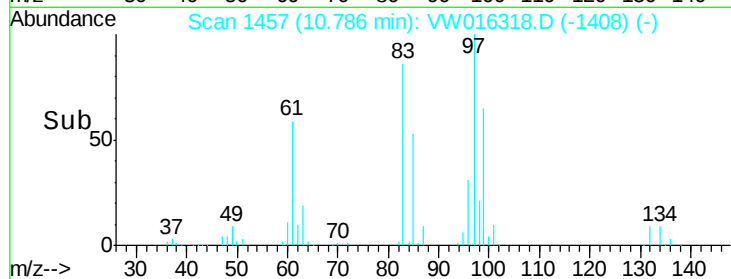
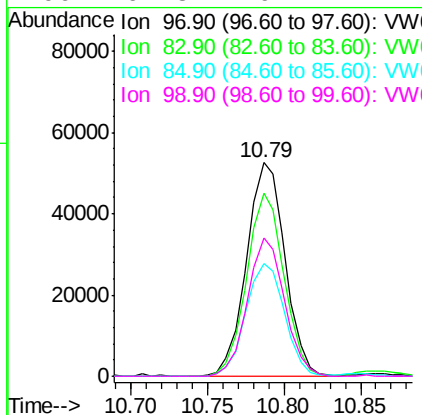
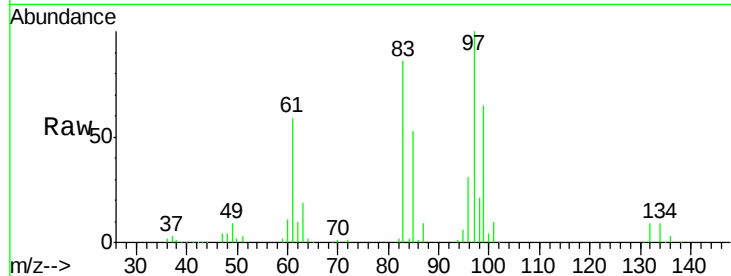
#55
 1,1,2-Trichloroethane
 Concen: 53.307 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	91488
Ion	Ratio	Lower	Upper
97	100		
83	85.9	66.6	100.0
85	52.6	43.0	64.4
99	64.8	49.4	74.2

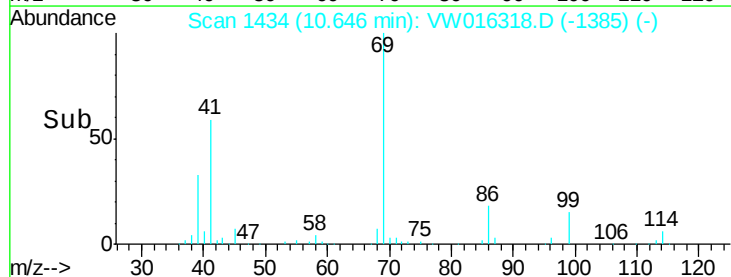
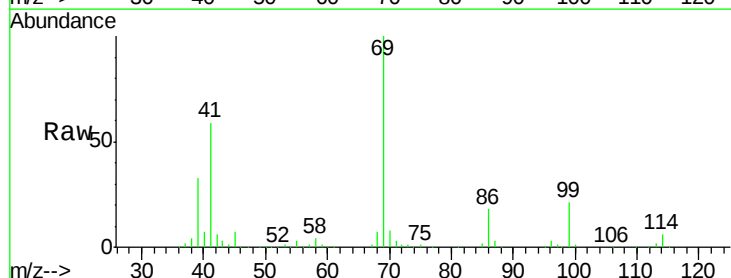
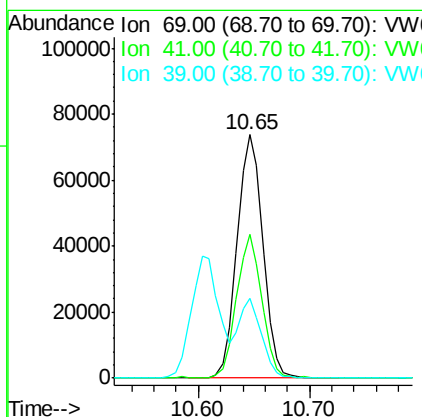
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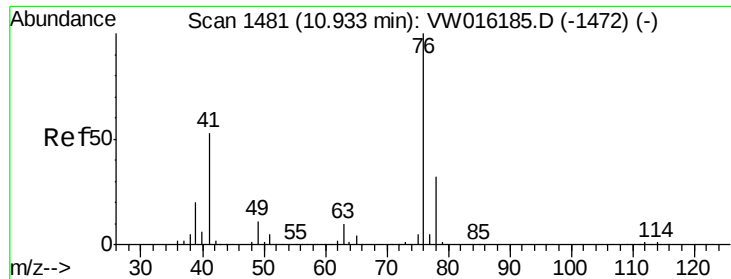
MMDadoda
 8/24/2020 4:55:04 PM



#56
 Ethyl methacrylate
 Concen: 60.626 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion:	69	Resp:	118657
Ion	Ratio	Lower	Upper
69	100		
41	57.3	47.6	71.4
39	29.4	24.6	36.8





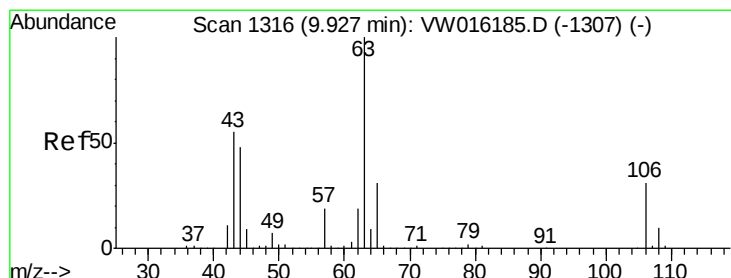
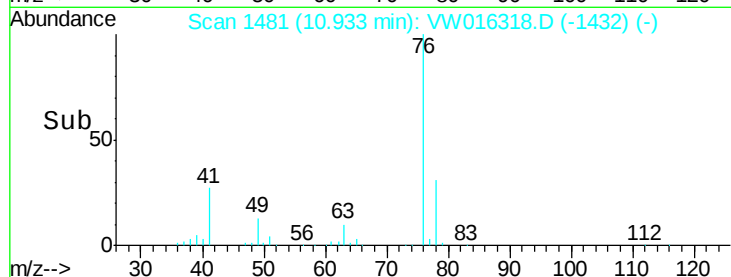
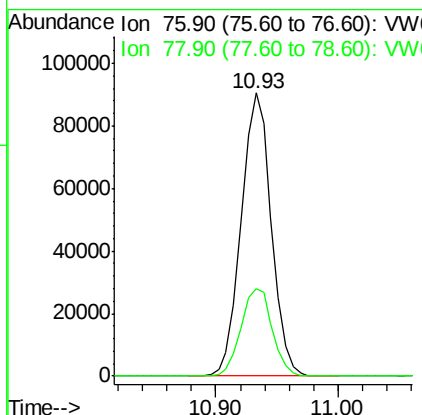
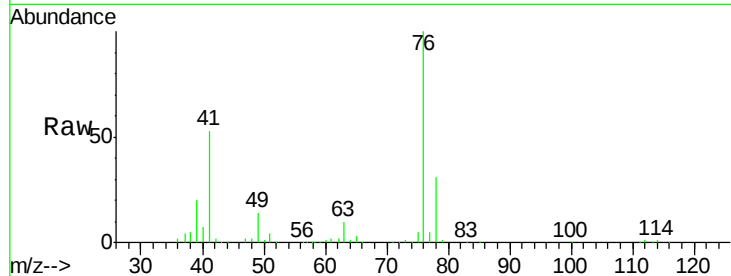
#57
 1,3-Dichloropropane
 Concen: 52.673 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 153808
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8

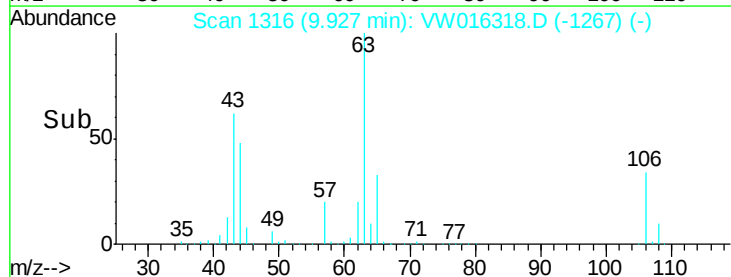
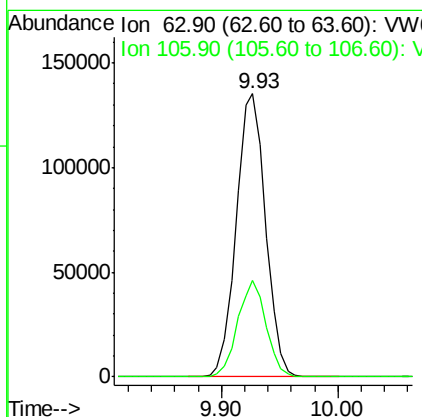
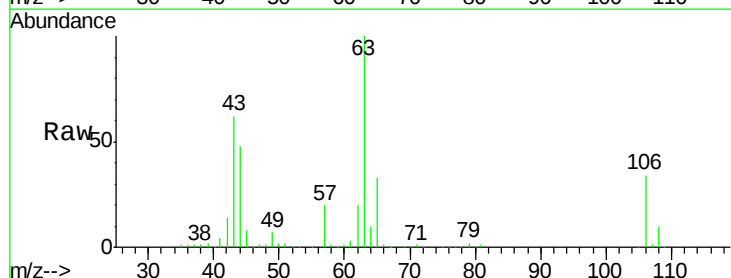
Manual Integrations
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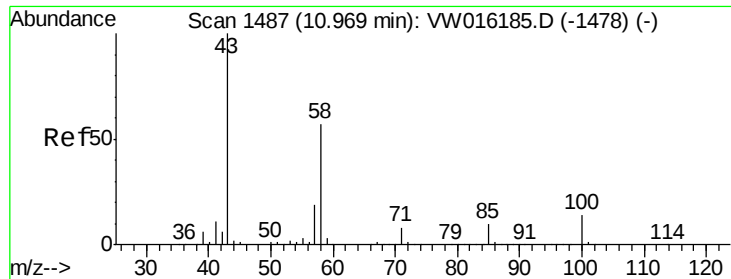
MMDadoda
 8/24/2020 4:55:04 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.688 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion: 63 Resp: 237085
 Ion Ratio Lower Upper
 63 100
 106 32.9 24.9 37.3





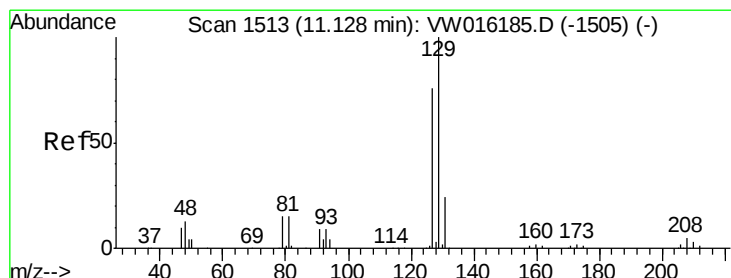
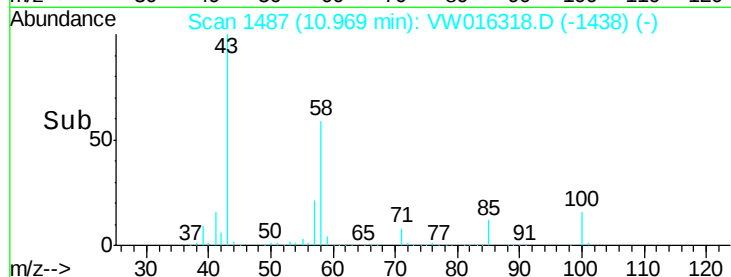
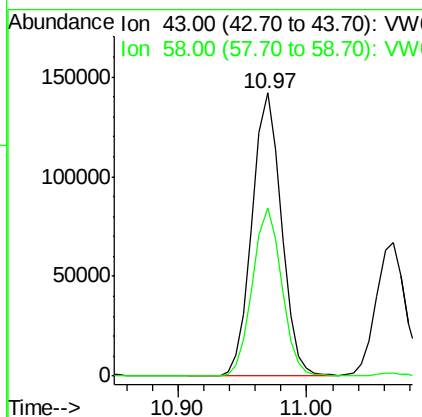
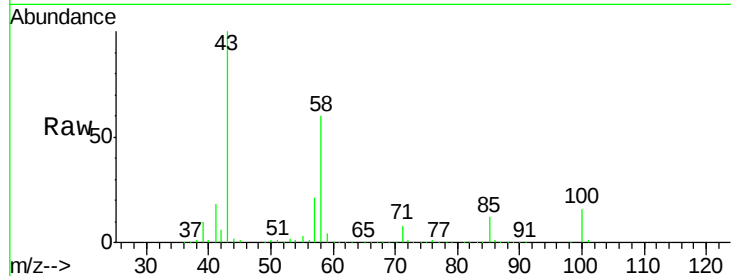
#59
2-Hexanone
Concen: 291.642 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 223620
Ion Ratio Lower Upper
43 100
58 59.0 28.8 86.5

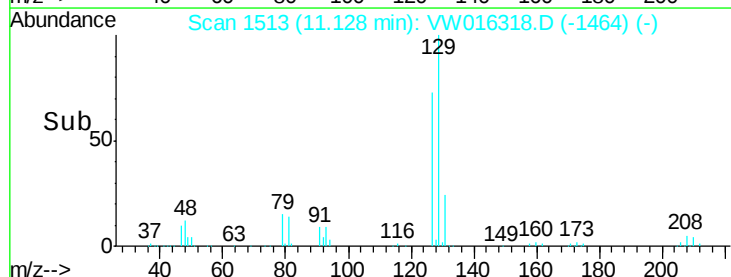
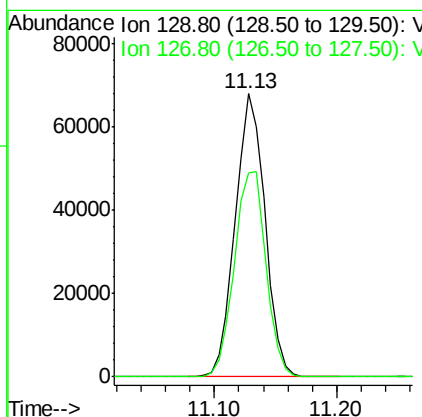
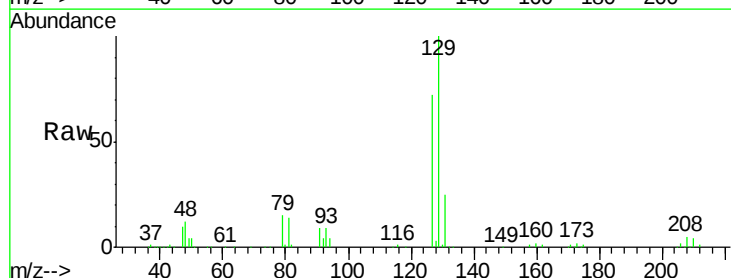
Manual Integrations
APPROVED

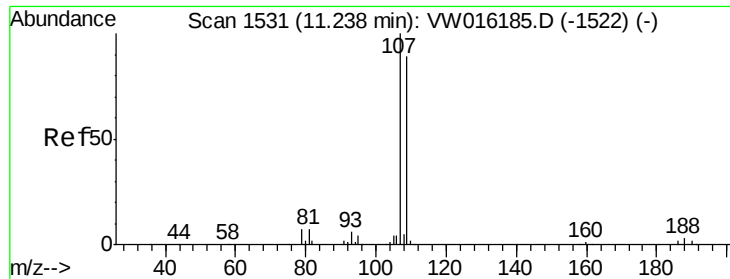
MMDadoda
8/24/2020 4:55:04 PM



#60
Dibromochloromethane
Concen: 56.094 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion: 129 Resp: 114524
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8





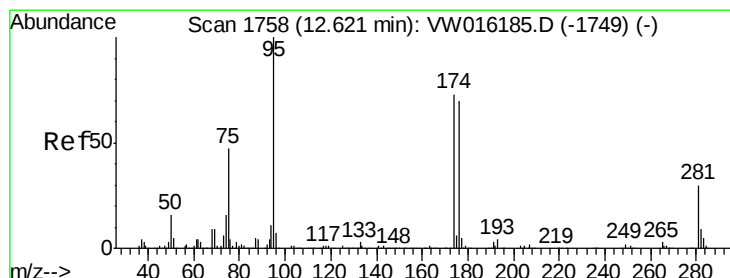
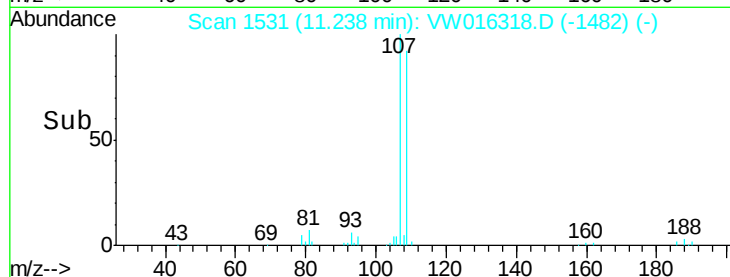
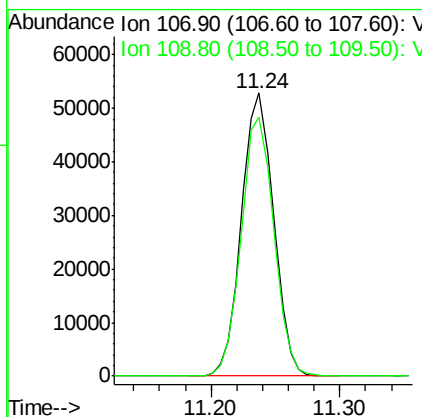
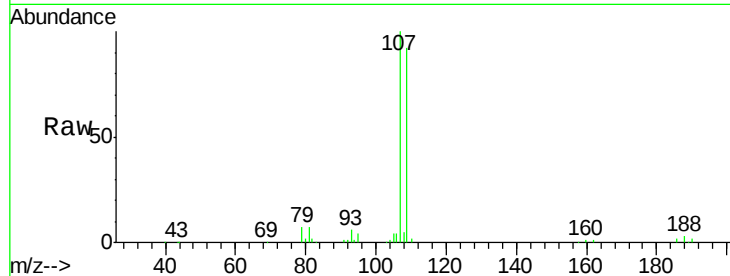
#61
 1,2-Dibromoethane
 Concen: 55.240 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 91263
 Ion Ratio Lower Upper
 107 100
 109 93.0 74.7 112.1

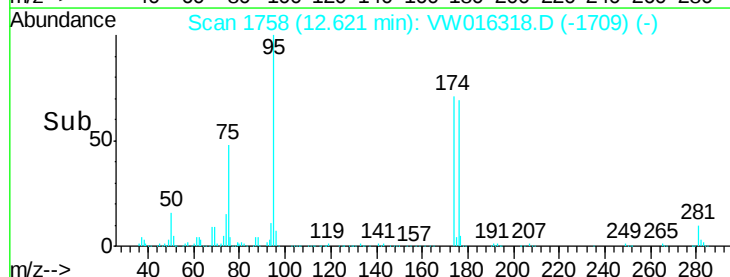
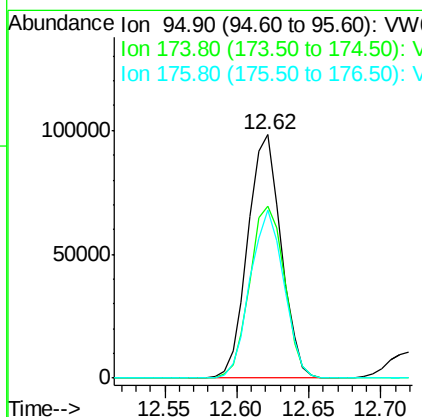
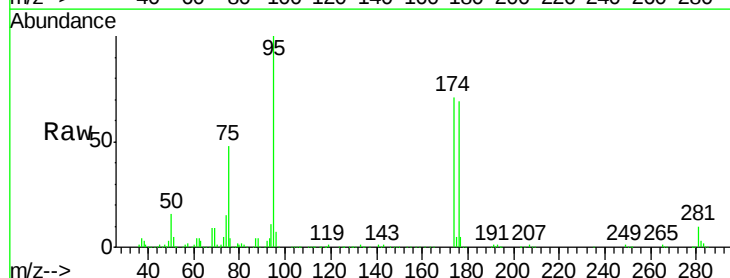
Manual Integrations
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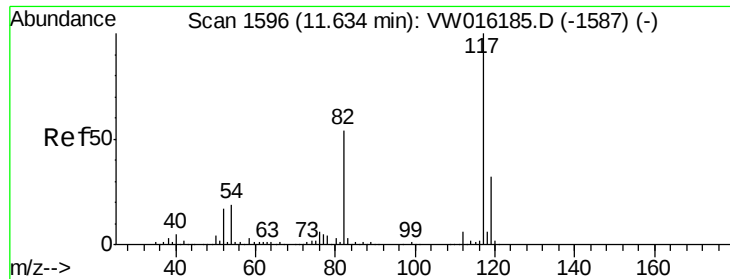
MMDadoda
 8/24/2020 4:55:04 PM



#62
 4-Bromofluorobenzene
 Concen: 52.678 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion: 95 Resp: 156836
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 145.6
 176 70.0 0.0 137.8





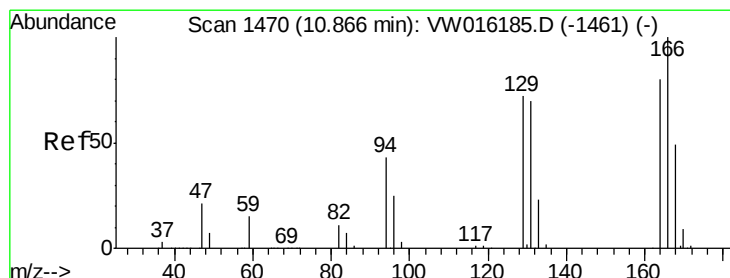
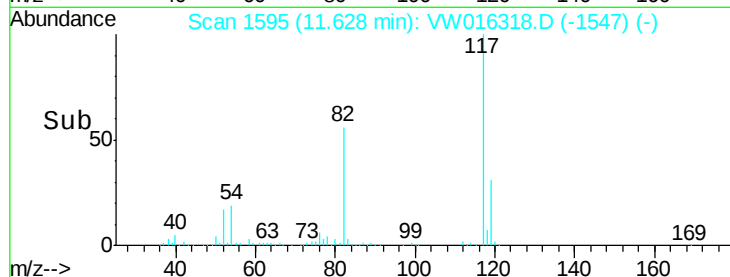
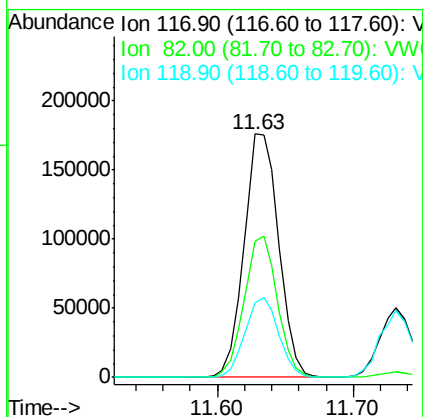
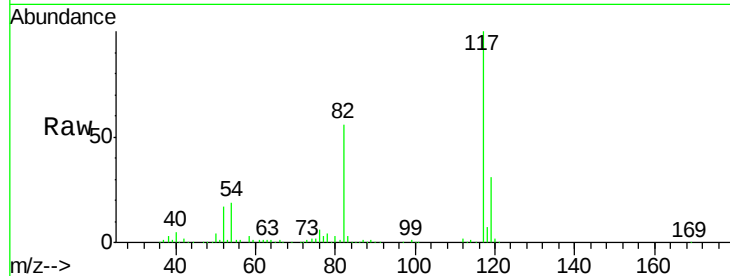
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	313648		
82	56.1	43.6	65.4	
119	30.7	25.4	38.0	

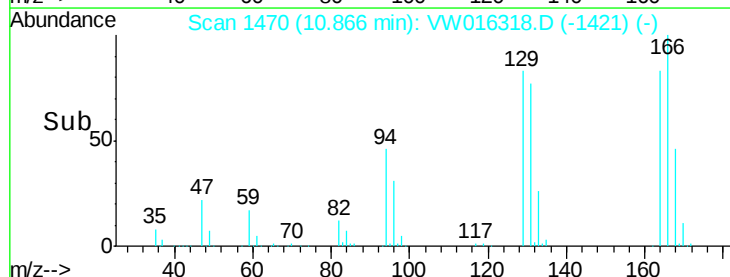
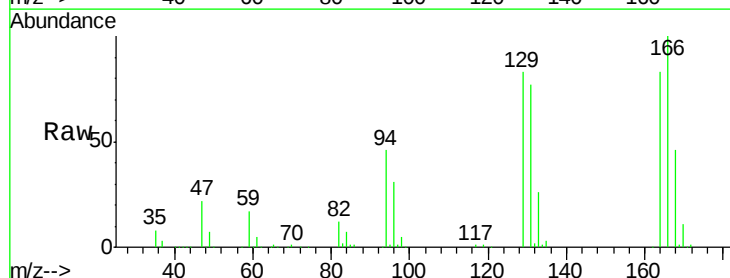
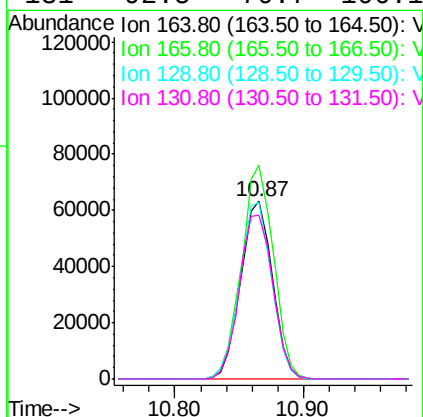
Manual Integrations
APPROVED

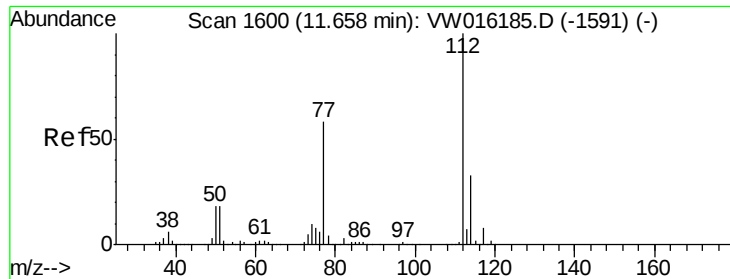
MMDadoda
8/24/2020 4:55:04 PM



#64
Tetrachloroethene
Concen: 52.441 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	107924		
166	120.4	100.3	150.5	
129	99.7	72.2	108.4	
131	92.5	70.7	106.1	





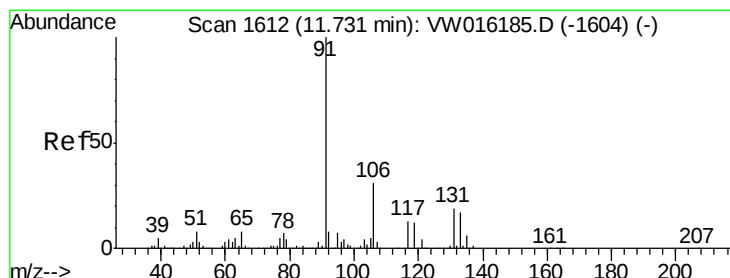
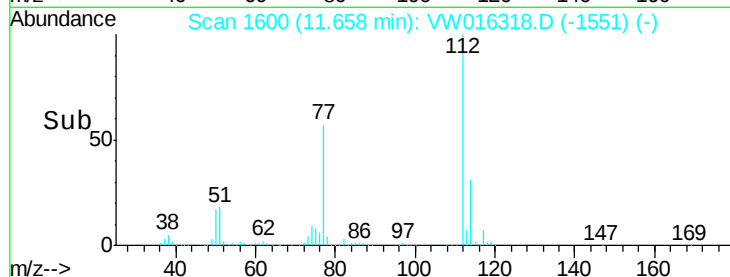
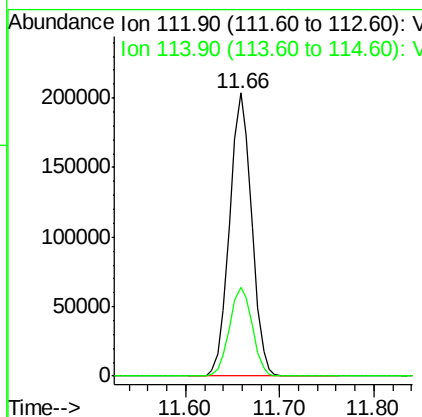
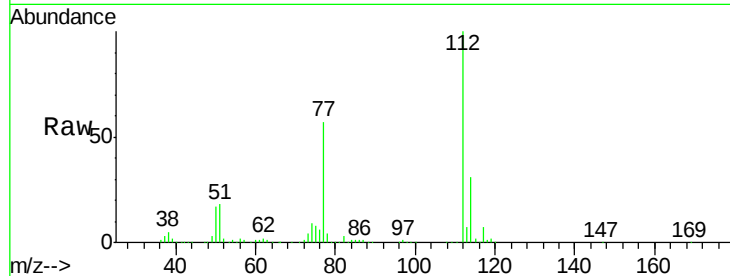
#65
Chlorobenzene
Concen: 51.539 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.6	39.8

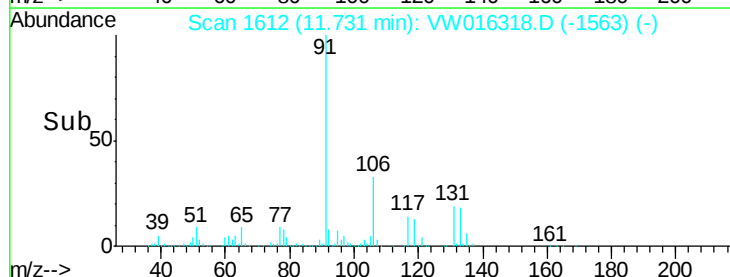
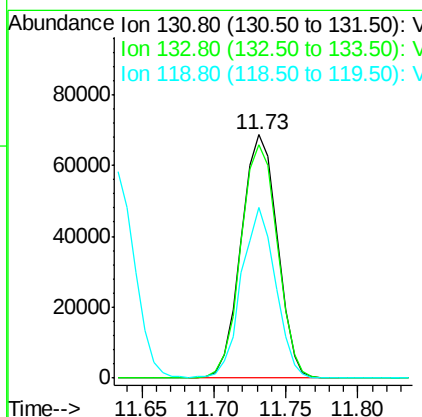
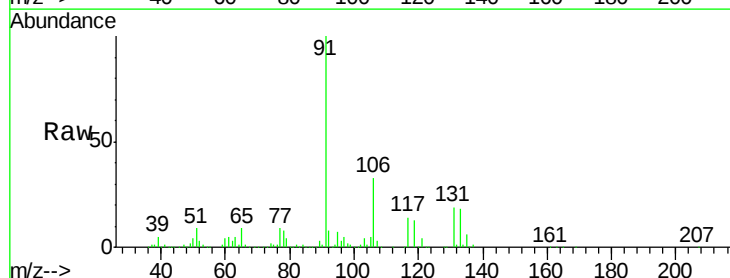
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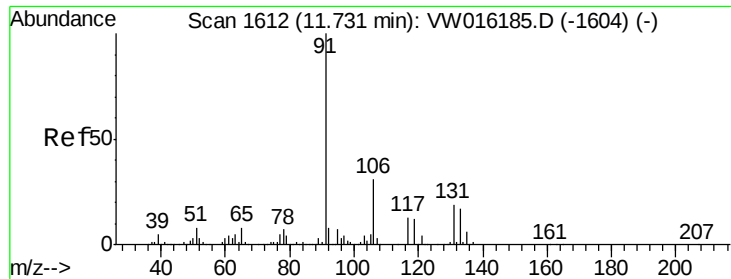
MMDadoda
8/24/2020 4:55:04 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.256 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	47.1	141.3
119	66.4	33.1	99.3





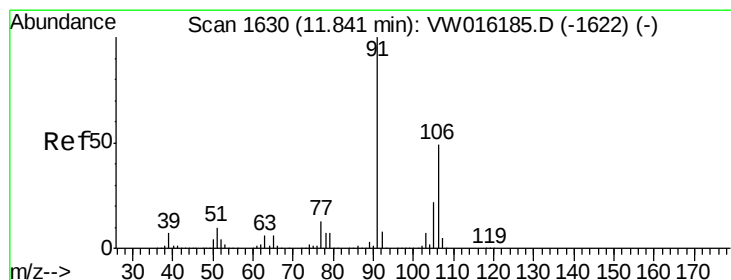
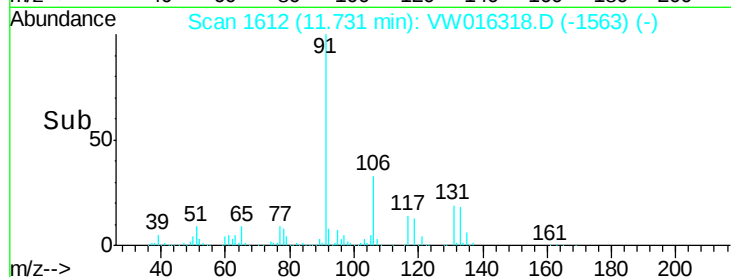
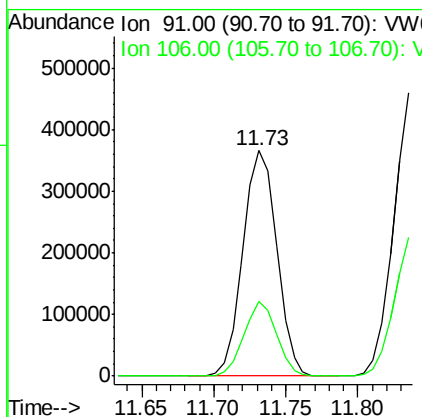
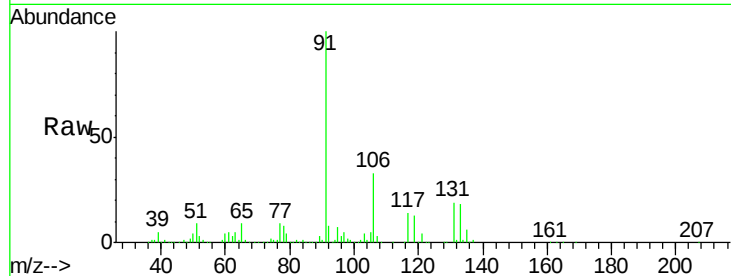
#67
Ethyl Benzene
Concen: 51.662 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 596882
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3

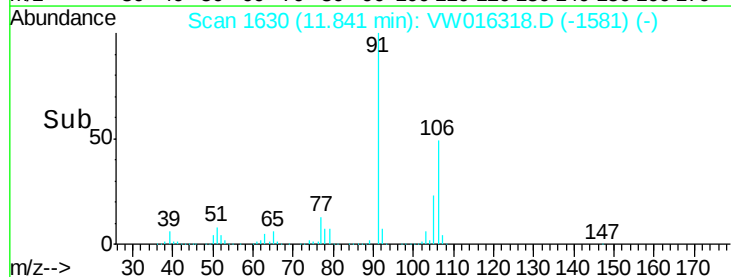
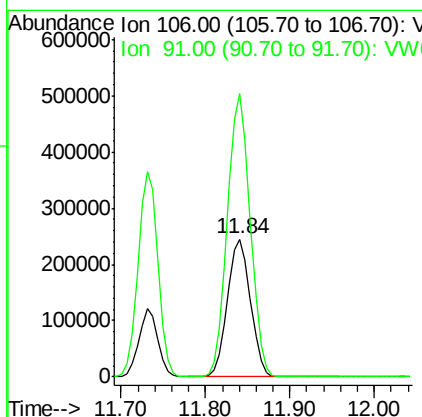
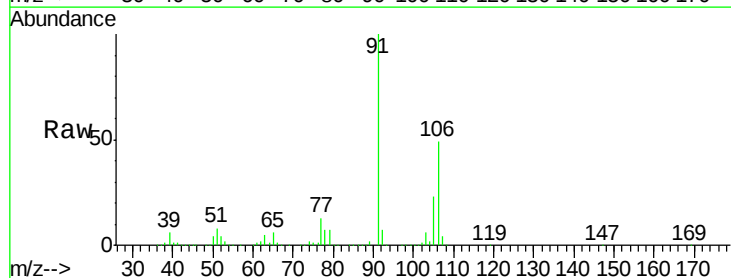
Manual Integrations
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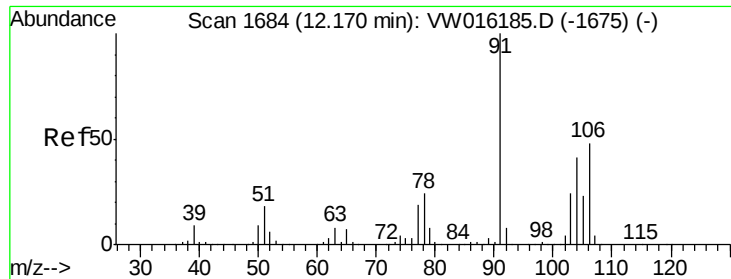
MMDadoda
8/24/2020 4:55:04 PM



#68
m/p-Xylenes
Concen: 102.797 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion: 106 Resp: 456510
Ion Ratio Lower Upper
106 100
91 204.3 161.4 242.2





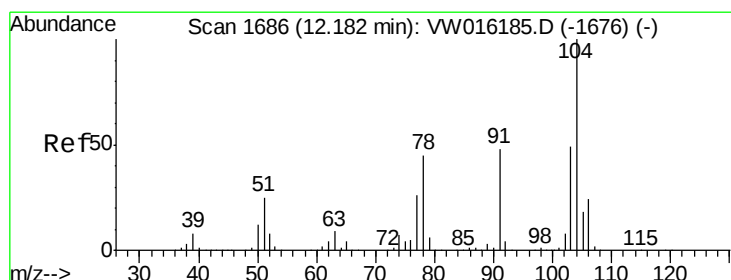
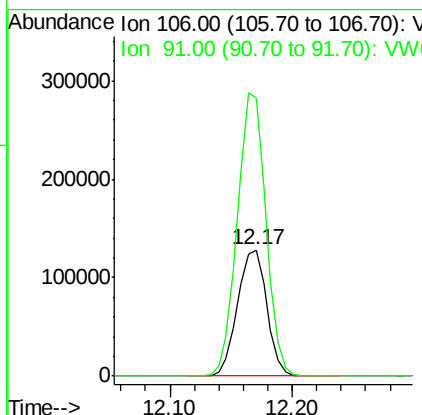
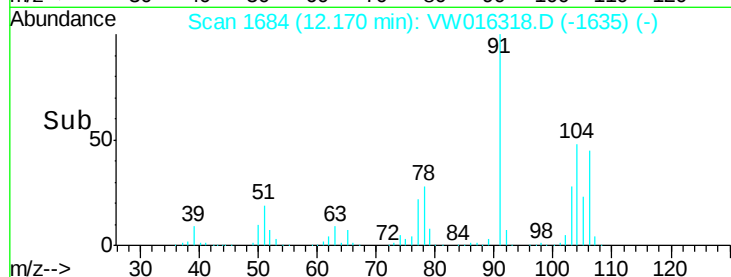
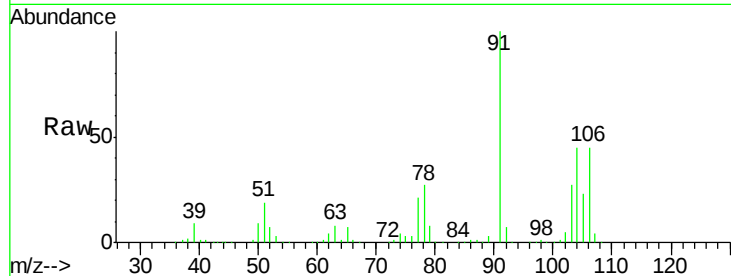
#69
o-Xylene
Concen: 53.658 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.2	106.0	317.9

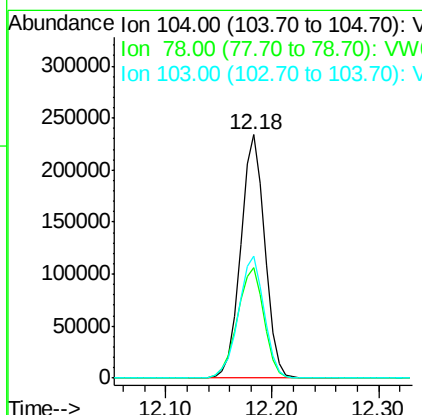
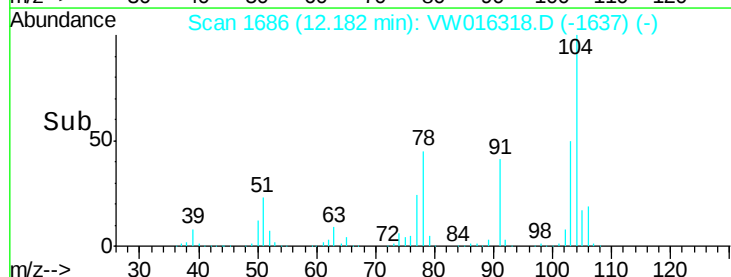
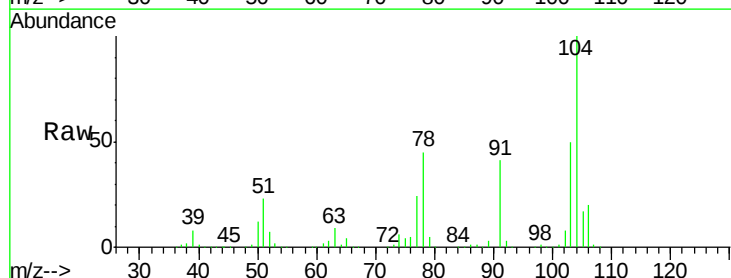
Manual Integrations
APPROVED

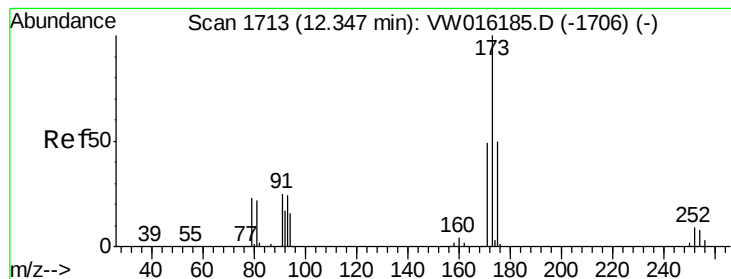
MMDadoda
8/24/2020 4:55:04 PM



#70
Styrene
Concen: 54.311 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.1	39.4	59.2
103	53.6	42.9	64.3





#71

Bromoform

Concen: 61.148 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 61494

Ion Ratio Lower Upper

173 100

175 47.7 24.7 74.1

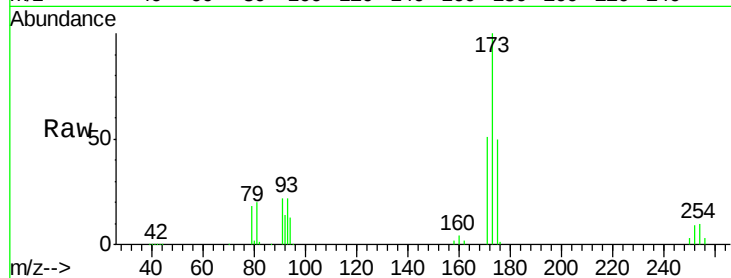
254 0.0 0.0 0.0

Manual Integrations

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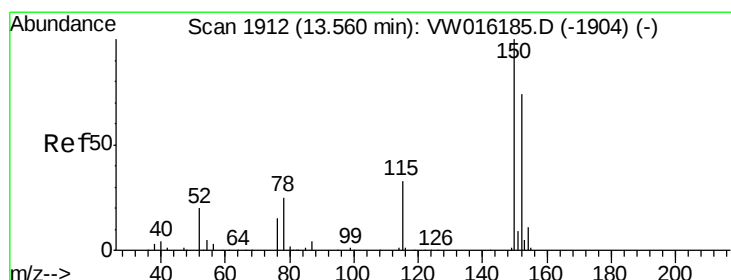
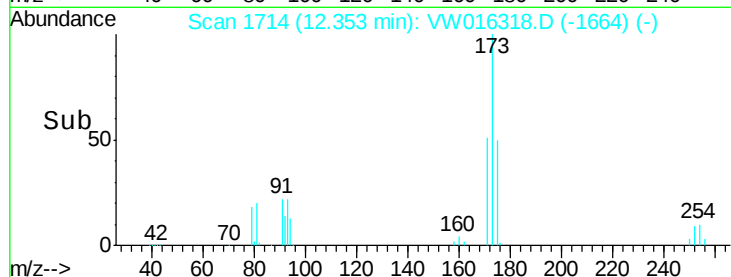
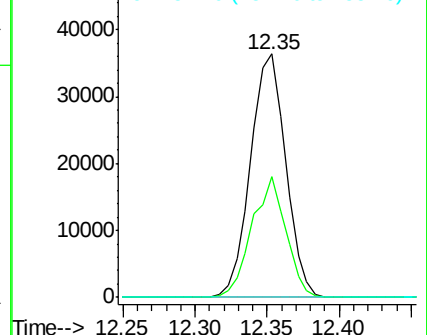
8/24/2020 4:55:04 PM



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: VW016318.D

Acq: 21 Aug 2020 20:26

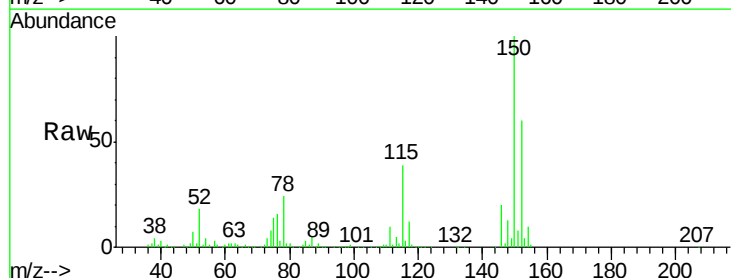
Tgt Ion:152 Resp: 147516

Ion Ratio Lower Upper

152 100

115 63.0 30.9 92.5

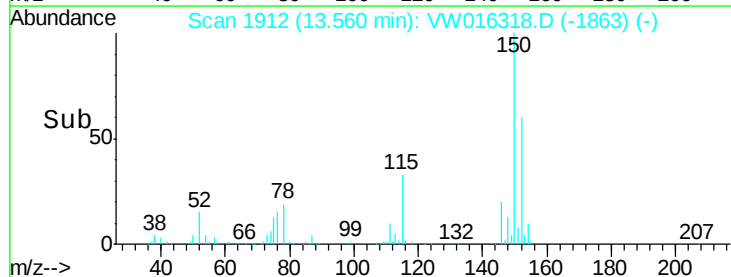
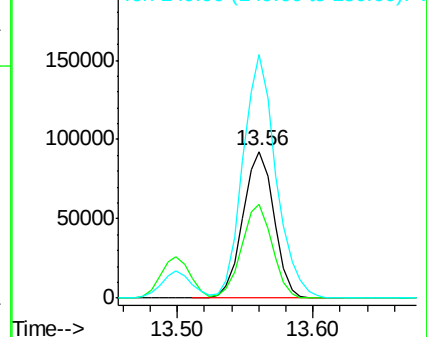
150 176.7 0.0 337.8

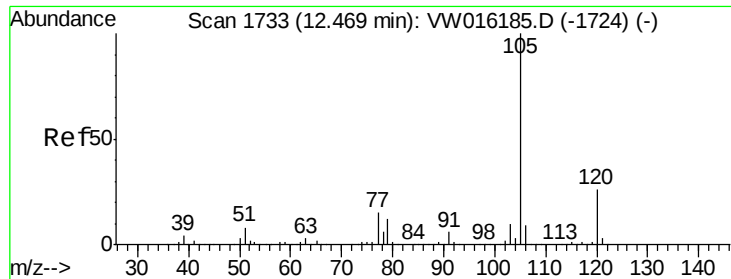


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





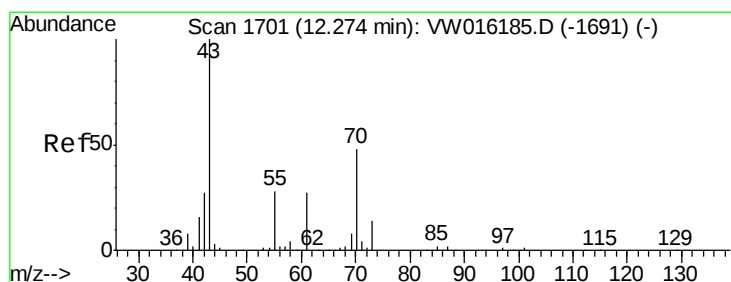
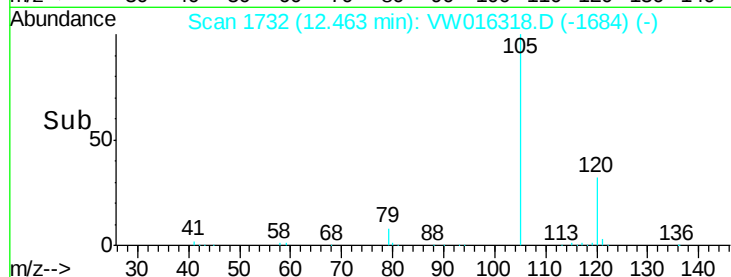
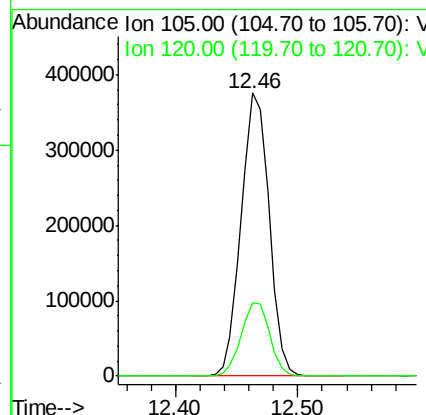
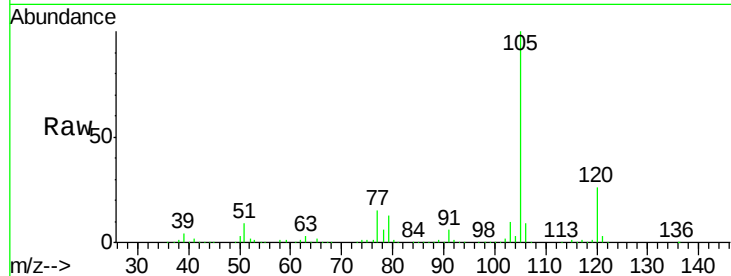
#73
Isopropylbenzene
Concen: 52.959 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 595317
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6

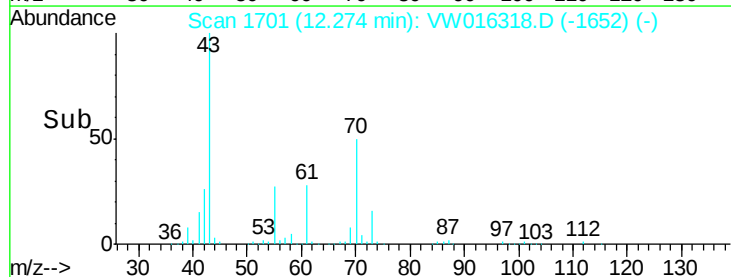
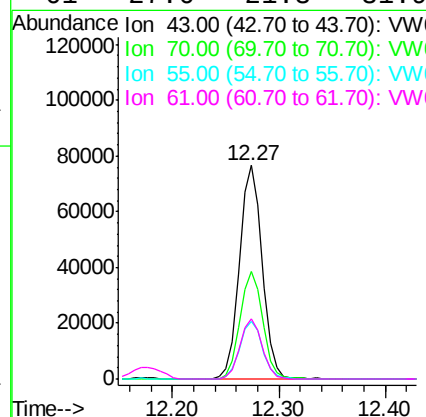
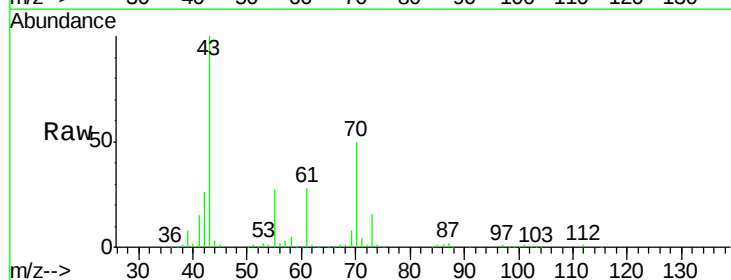
Manual Integrations
APPROVED

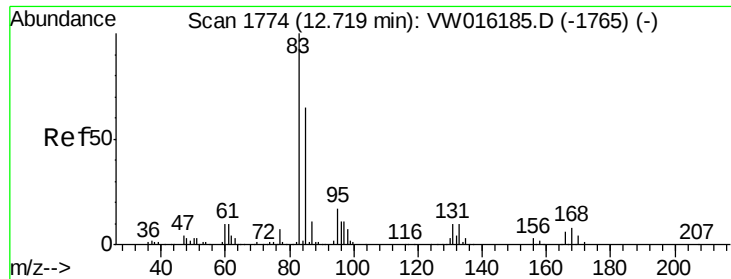
MMDadoda
8/24/2020 4:55:04 PM



#74
N-ethyl acetate
Concen: 57.117 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion: 43 Resp: 114984
Ion Ratio Lower Upper
43 100
70 50.4 38.6 58.0
55 27.1 22.2 33.2
61 27.6 21.3 31.9





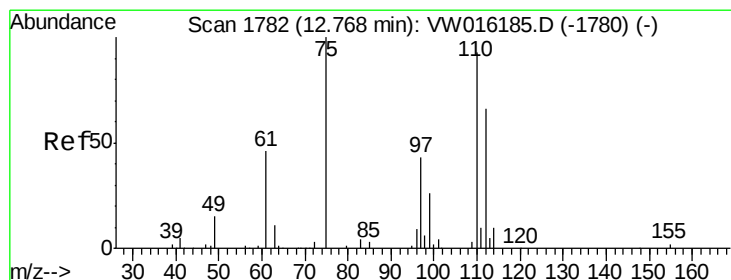
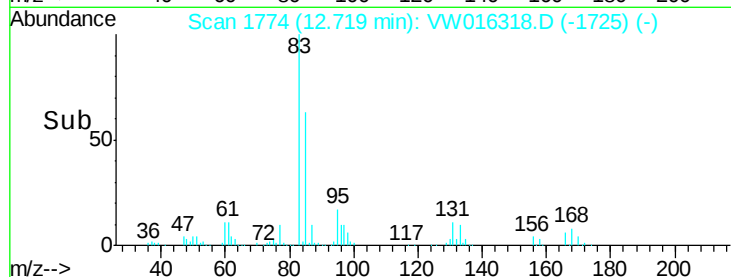
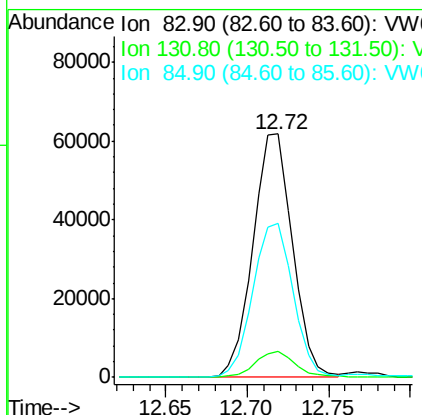
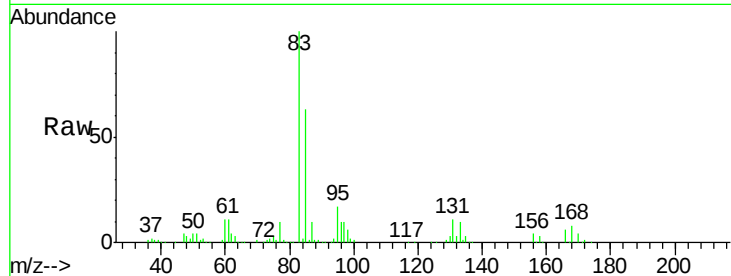
#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.362 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.9	5.6	16.8	
85	64.2	31.3	93.9	

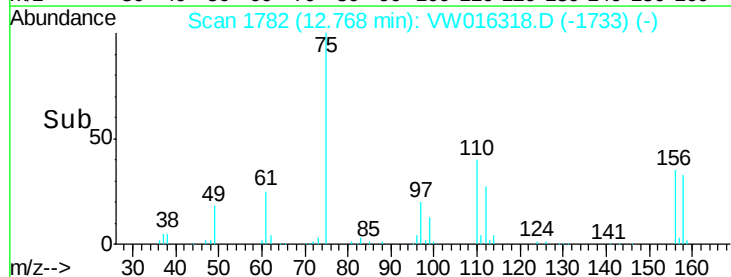
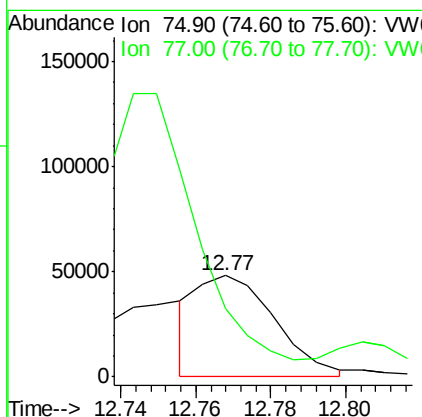
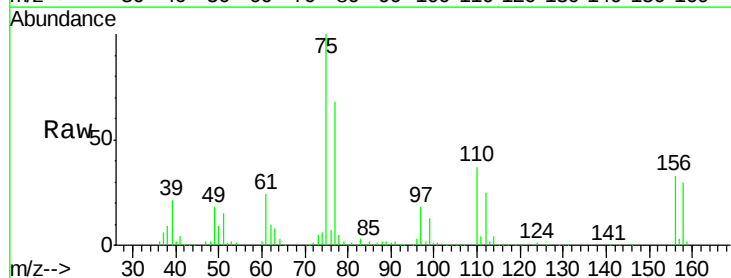
Manual Integrations
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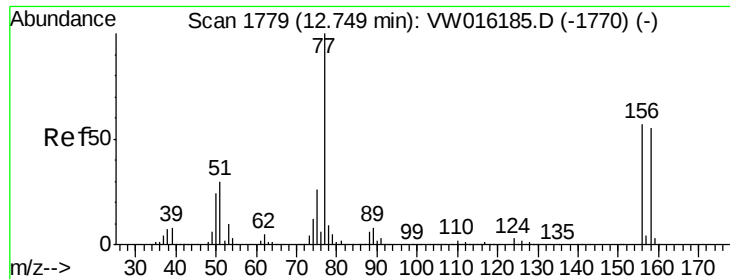
MMDadoda
 8/24/2020 4:55:04 PM



#76
 1,2,3-Trichloropropane
 Concen: 51.705 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	355.1	173.6	520.6	





#77

Bromobenzene

Concen: 53.174 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Instrument :

MSVOA_W

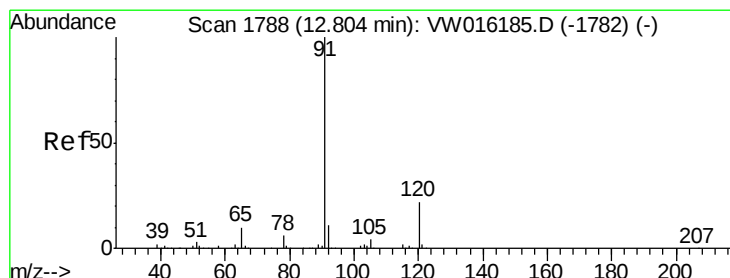
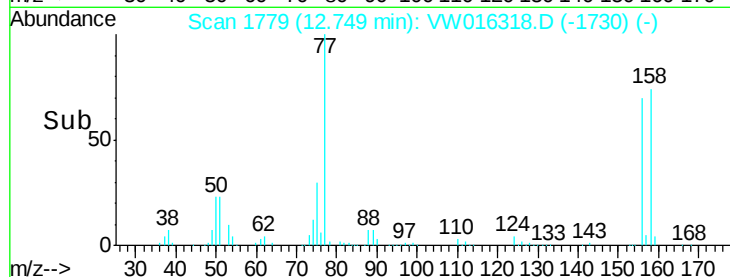
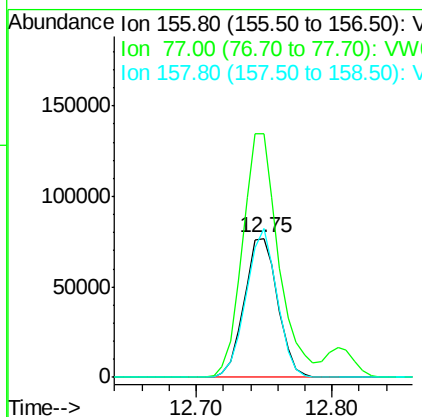
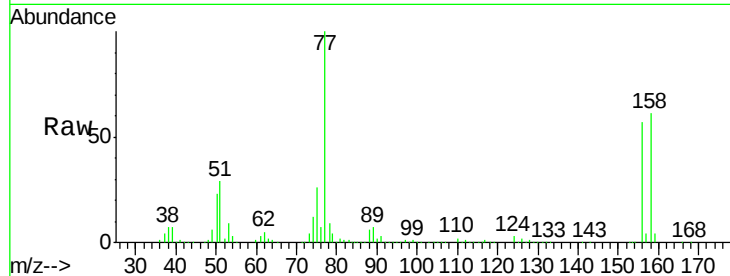
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	132211
Ion Ratio	Lower	Upper	
156	100		
77	188.4	97.9	293.6
158	98.9	49.0	147.2

Manual Integrations
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8/24/2020 4:55:04 PM



#78

n-propylbenzene

Concen: 50.992 ug/l

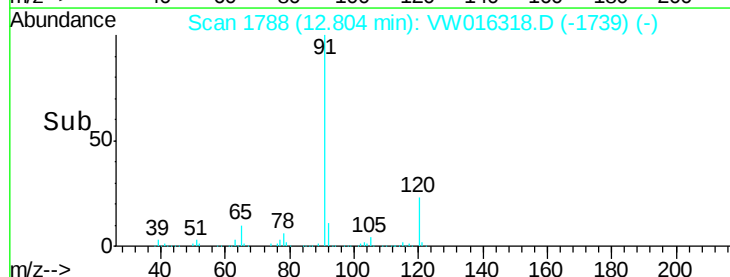
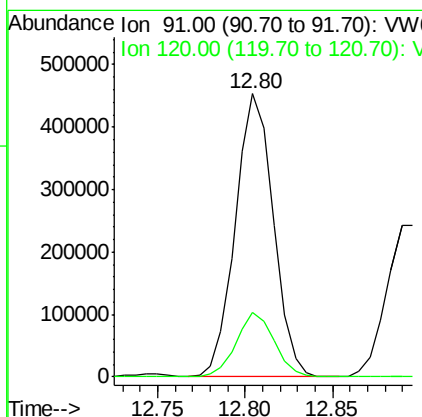
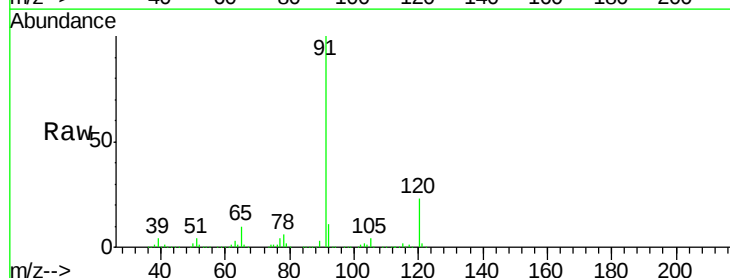
RT: 12.80 min Scan# 1788

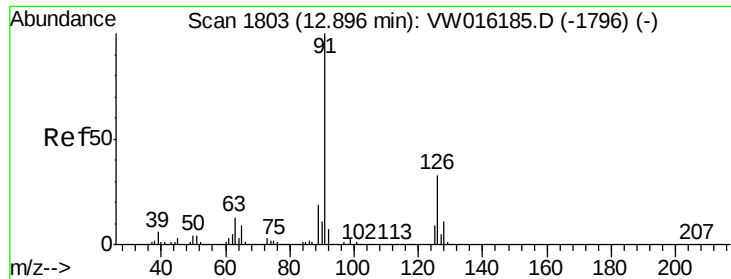
Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Tgt Ion:	91	Resp:	684202
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.6	34.7





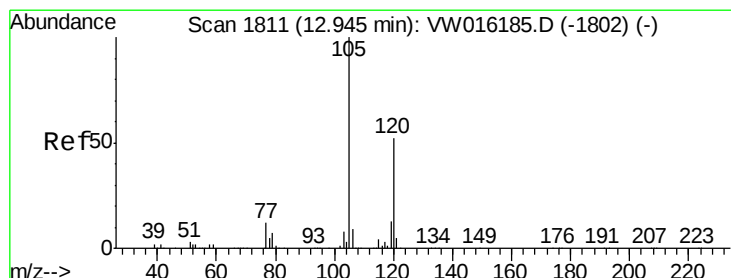
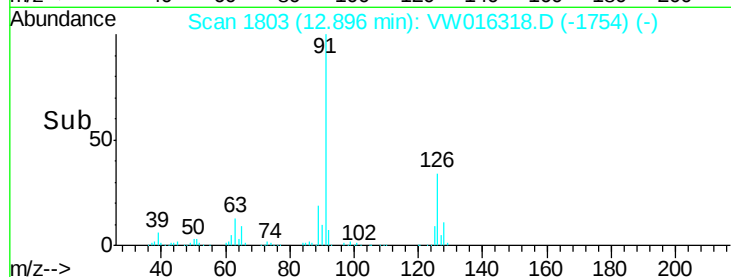
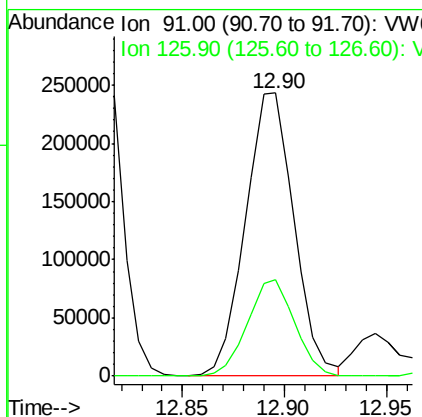
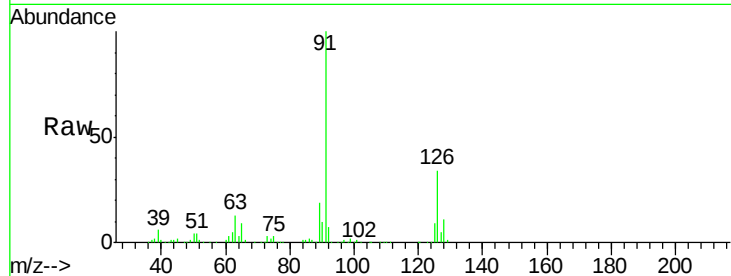
#79
 2-Chlorotoluene
 Concen: 51.956 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 402709
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.2

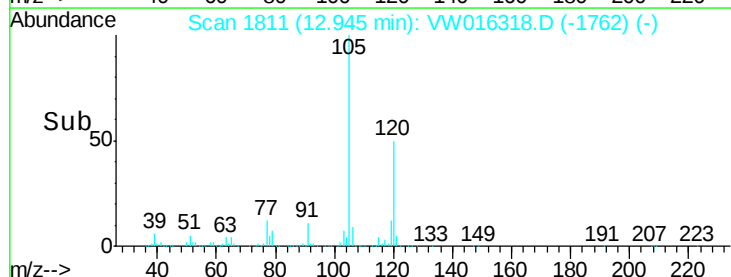
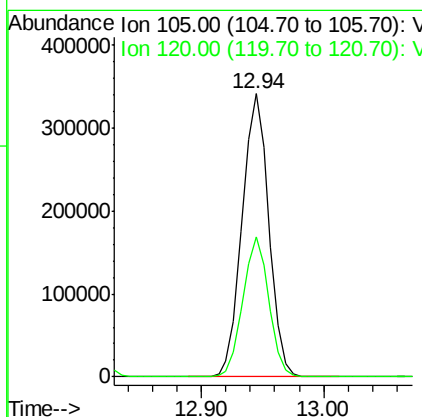
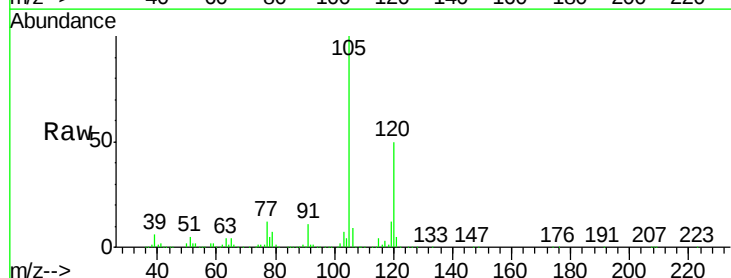
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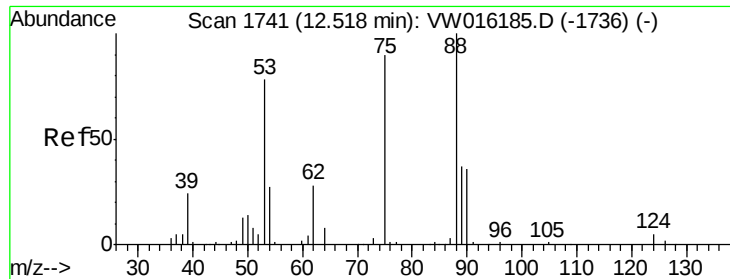
MMDadoda
 8/24/2020 4:55:04 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 53.375 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion: 105 Resp: 515052
 Ion Ratio Lower Upper
 105 100
 120 48.3 25.1 75.2





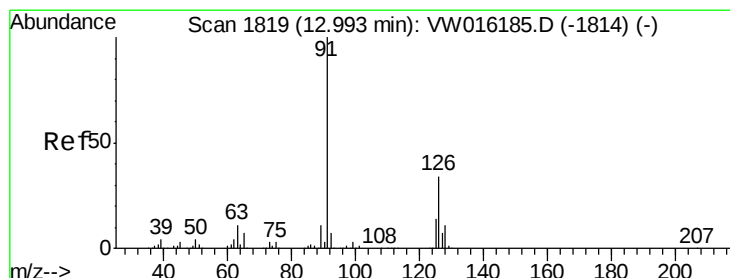
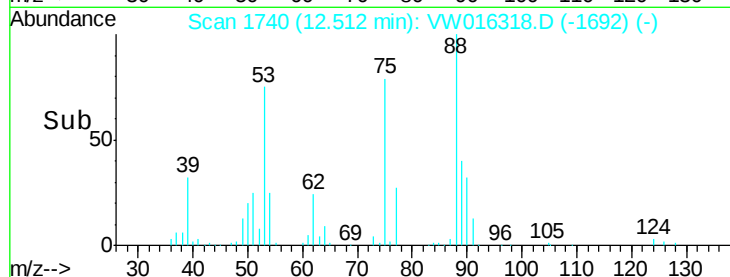
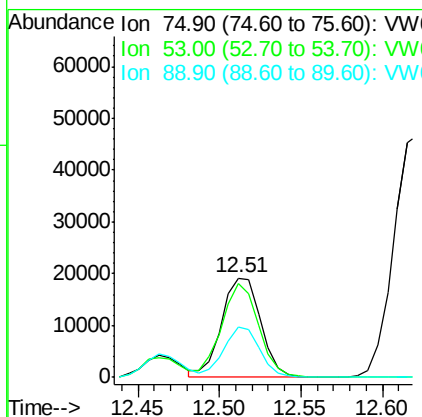
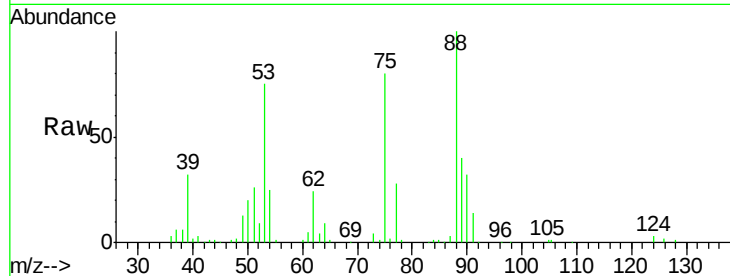
#81
trans-1,4-Dichloro-2-butene
Concen: 56.243 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.3	74.6	111.8
89	47.0	37.2	55.8

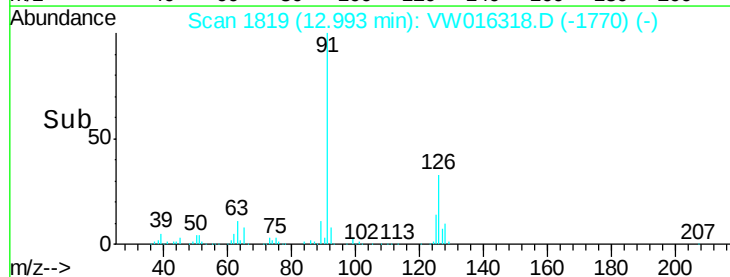
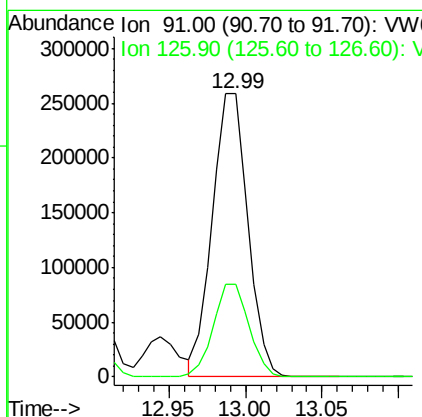
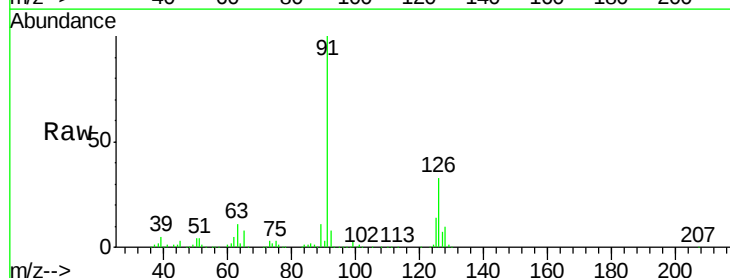
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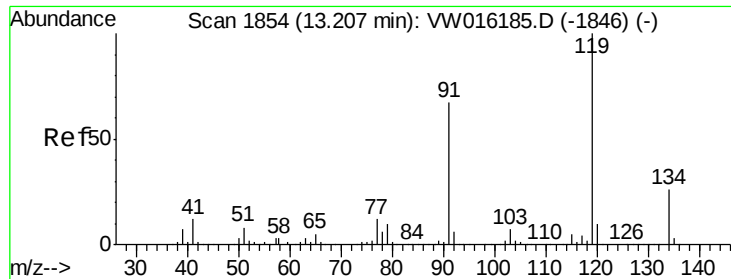
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.795 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.6	49.8





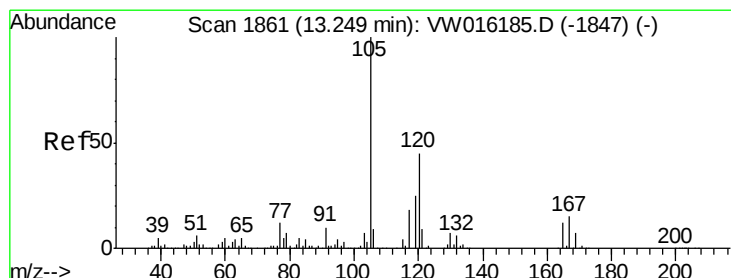
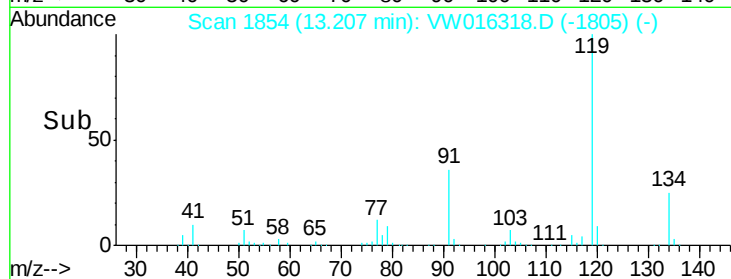
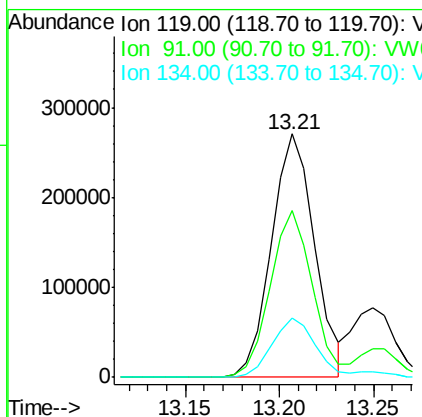
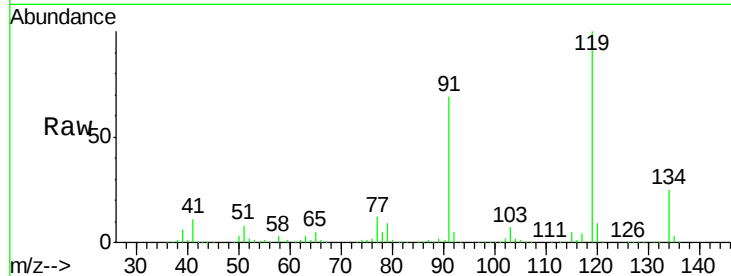
#83
tert-Butylbenzene
Concen: 54.332 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	429685		
91	67.7	33.3	99.9	
134	24.4	13.5	40.5	

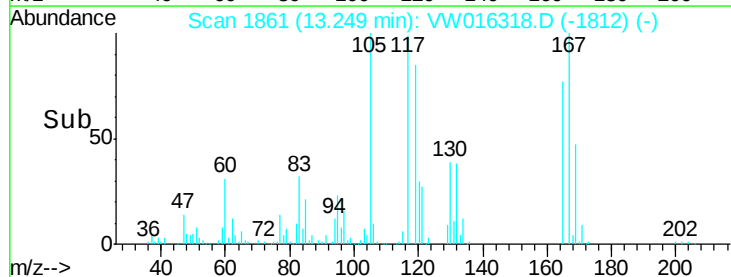
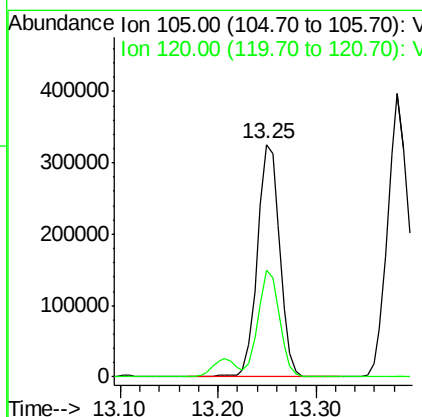
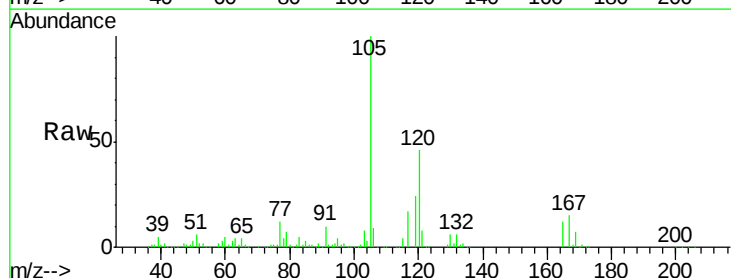
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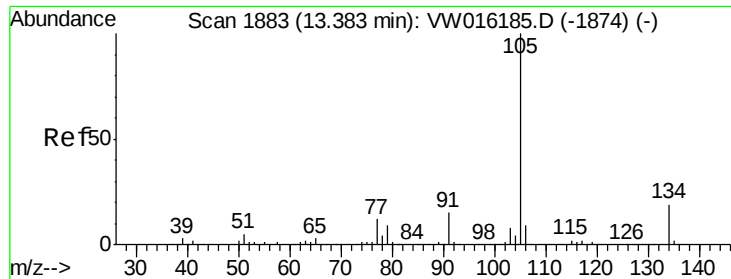
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 54.146 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	517031		
120	44.2	22.2	66.6	





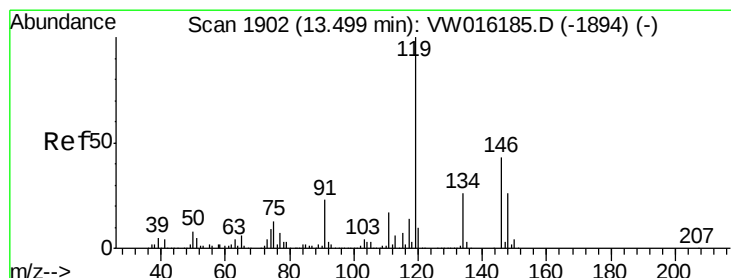
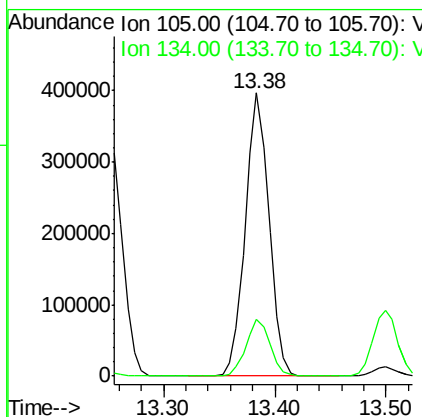
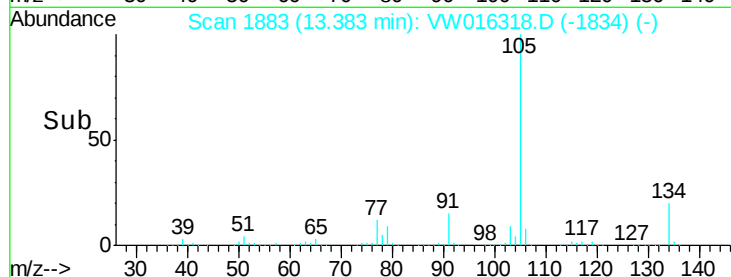
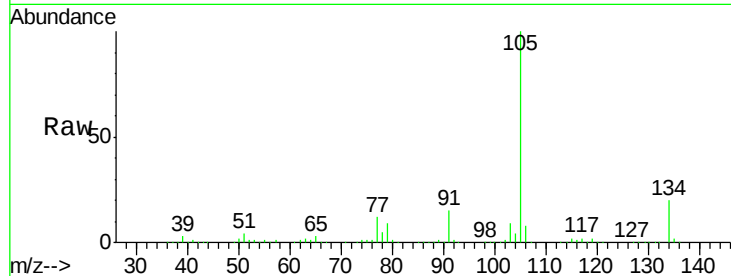
#85
 sec-Butylbenzene
 Concen: 51.143 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.8	29.4

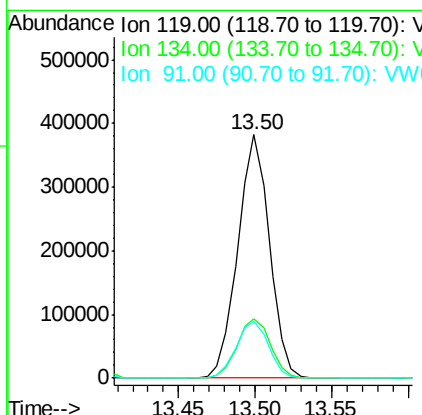
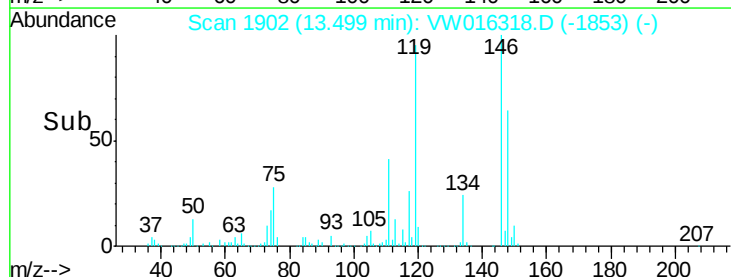
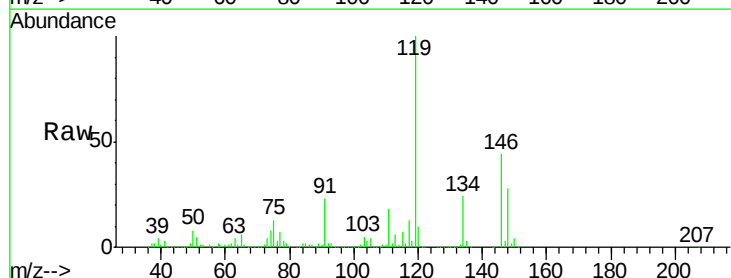
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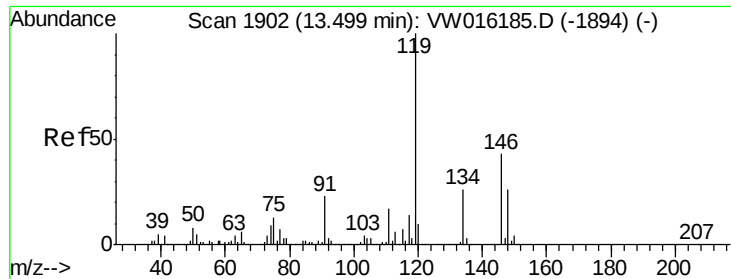
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 8/24/2020 4:55:04 PM



#86
 p-Isopropyltoluene
 Concen: 52.618 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.8	38.4
91	24.0	11.8	35.3





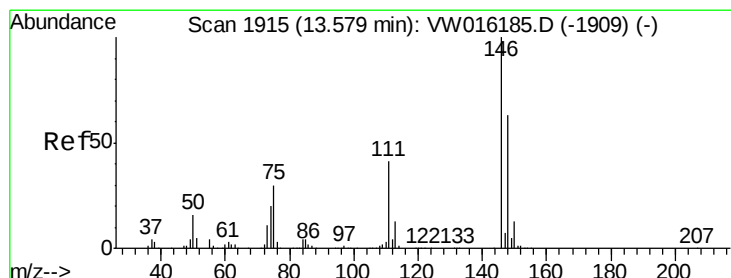
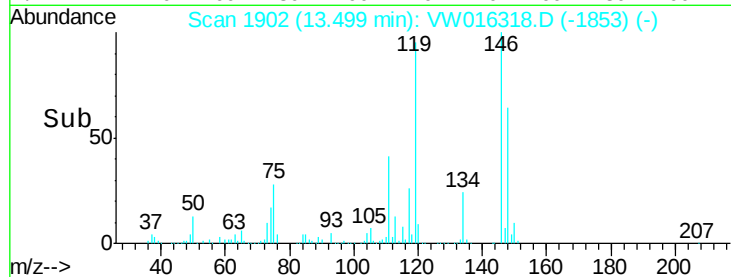
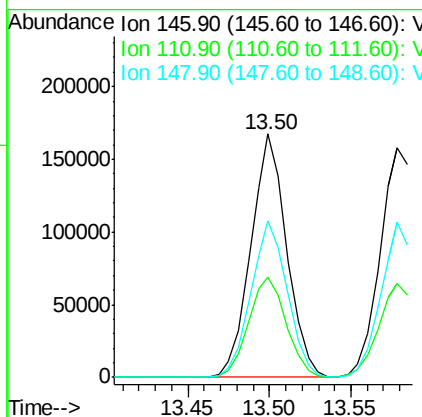
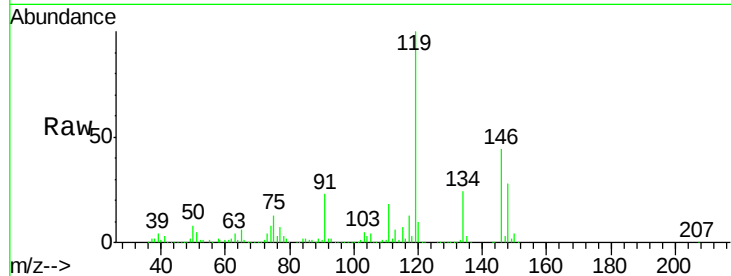
#87
 1,3-Dichlorobenzene
 Concen: 51.227 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	255080		
111	43.2	20.8	62.5	
148	65.2	31.1	93.5	

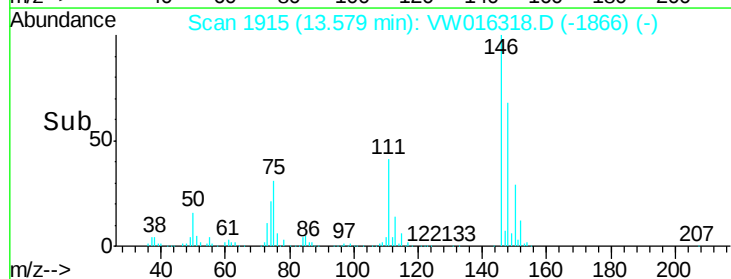
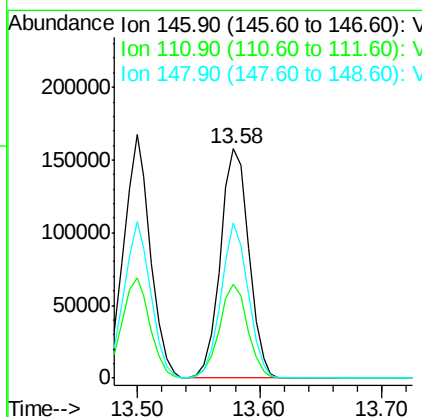
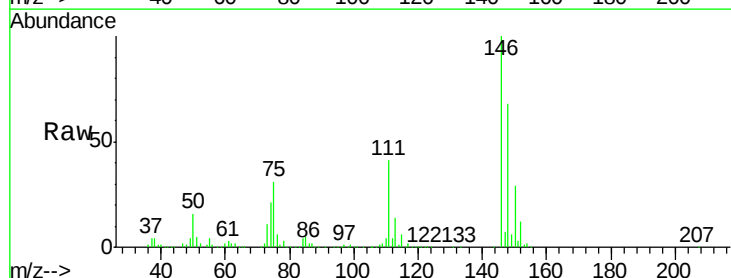
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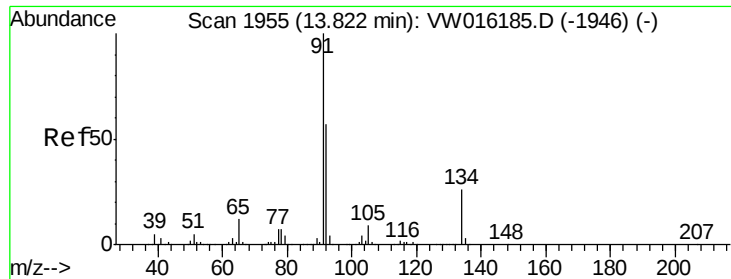
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#88
 1,4-Dichlorobenzene
 Concen: 51.934 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	254642		
111	40.5	20.8	62.2	
148	64.3	32.1	96.3	





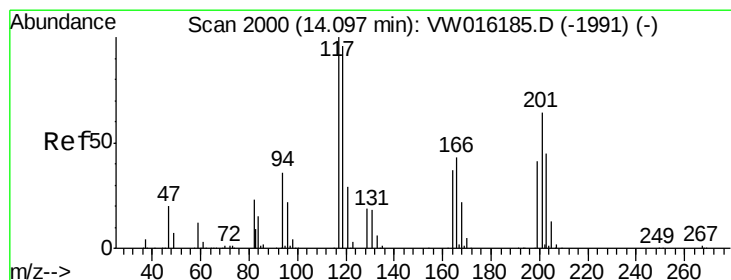
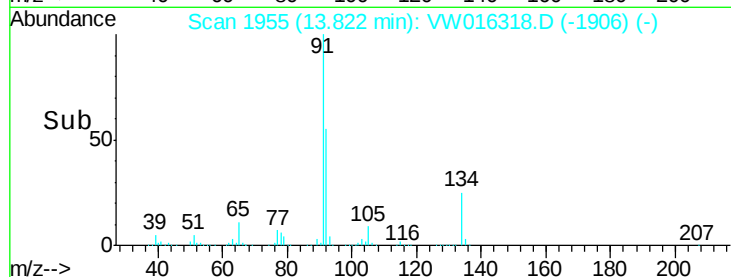
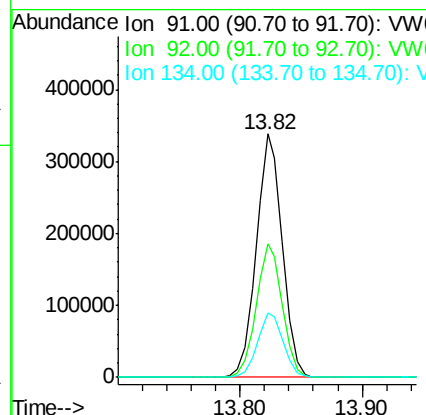
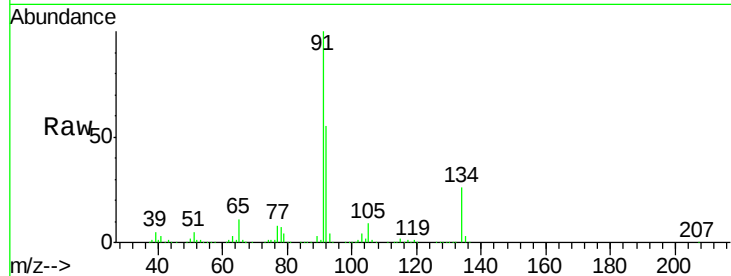
#89
n-Butylbenzene
Concen: 51.802 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.2
134	26.5	13.0	39.0

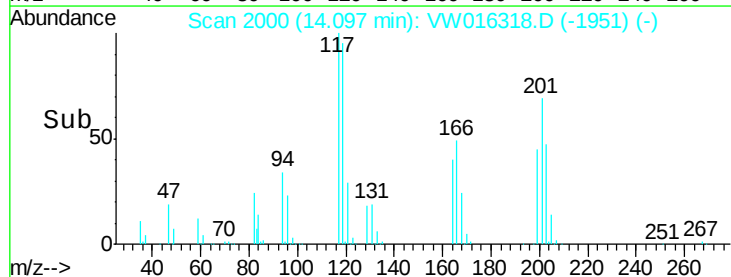
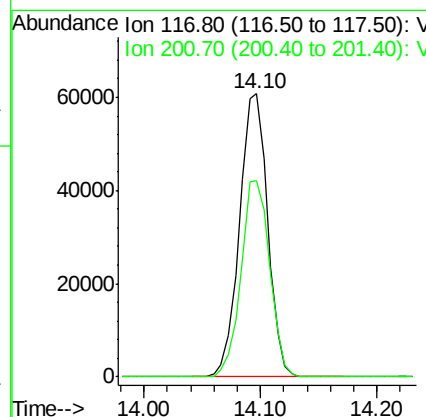
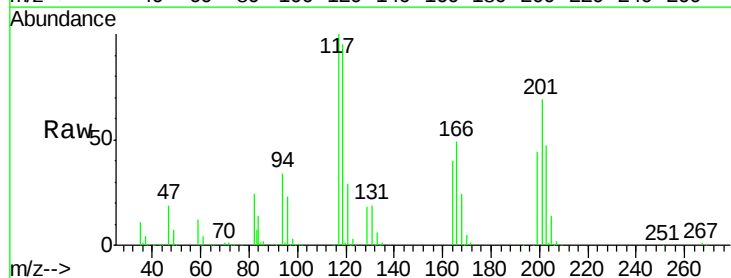
Manual Integrations
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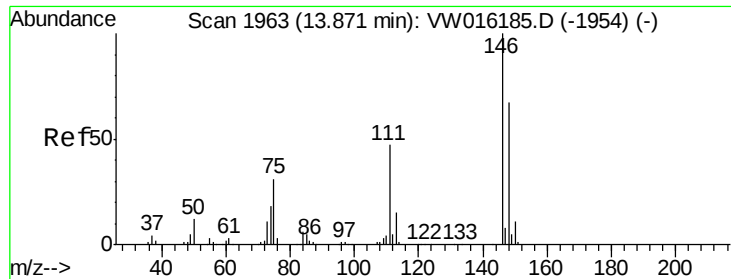
MMDadoda
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#90
Hexachloroethane
Concen: 52.752 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.0	33.8	101.3





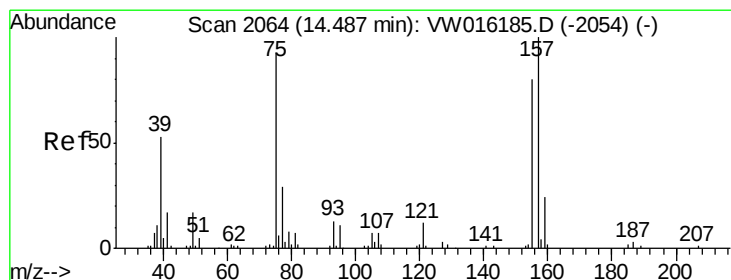
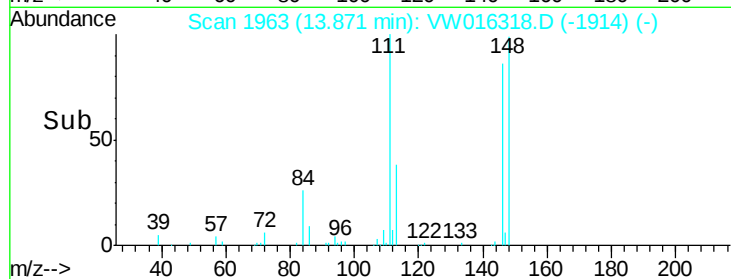
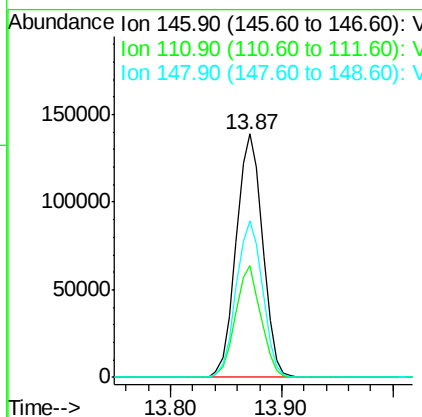
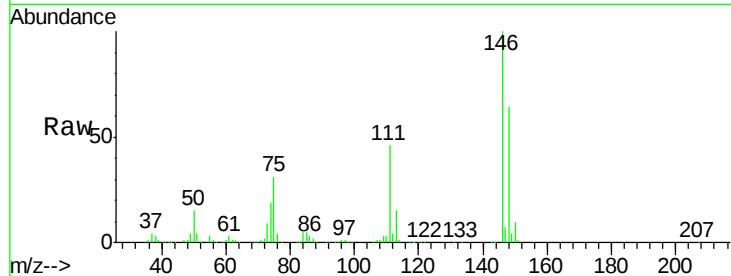
#91
 1,2-Dichlorobenzene
 Concen: 52.508 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.9	65.8
148	64.1	32.1	96.3

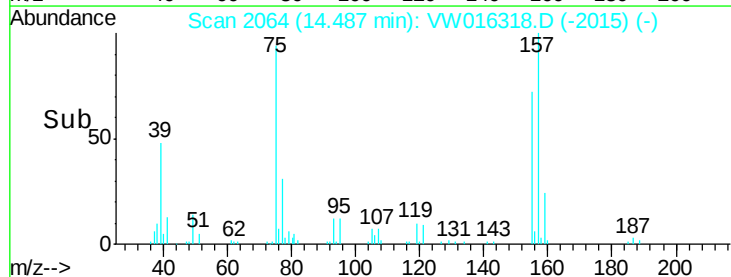
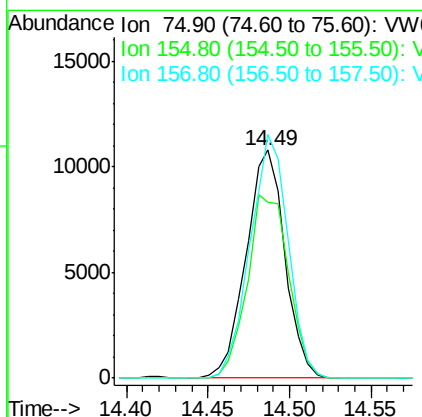
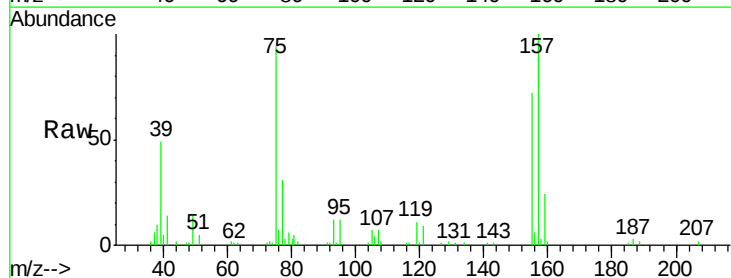
Manual Integrations
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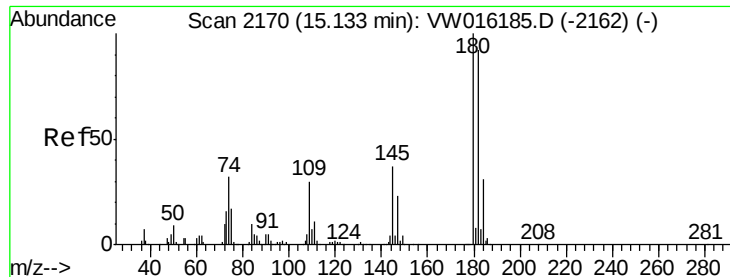
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.733 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	41.3	124.1
157	104.4	53.0	159.0





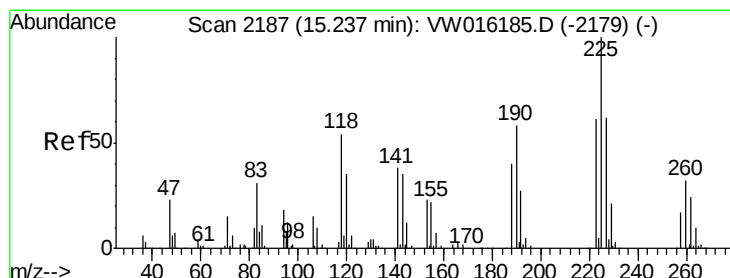
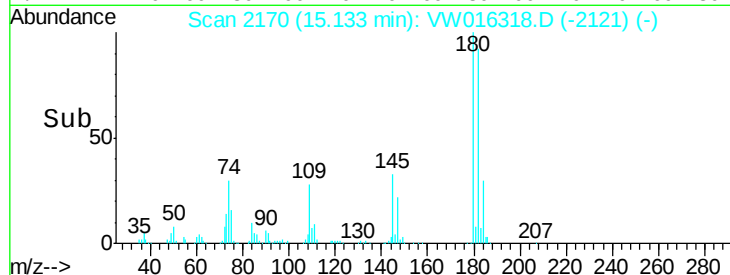
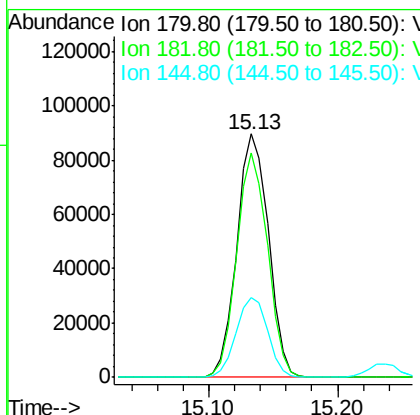
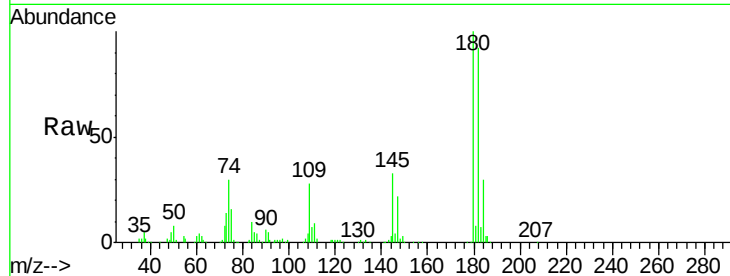
#93
 1,2,4-Trichlorobenzene
 Concen: 58.743 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	152072		
182	90.3	46.0	138.0	
145	33.1	16.9	50.7	

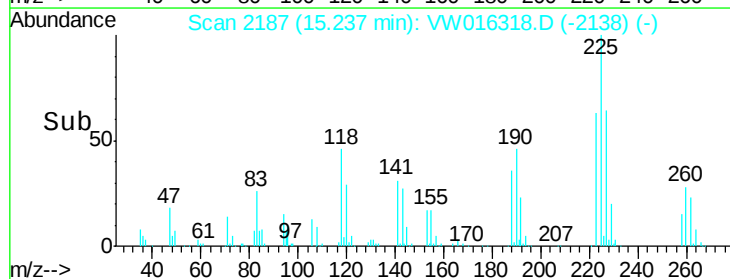
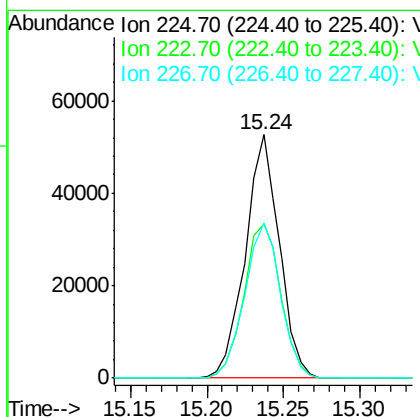
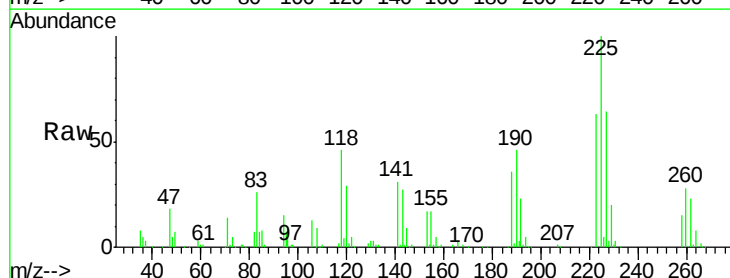
Manual Integrations
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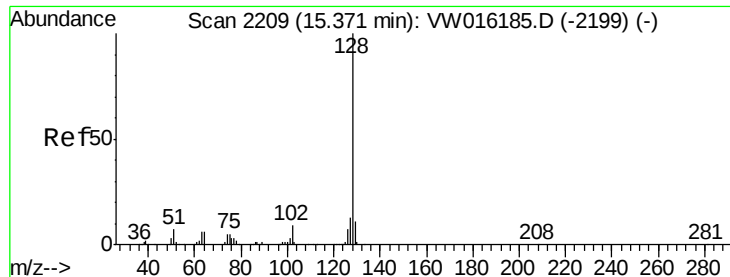
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#94
 Hexachlorobutadiene
 Concen: 52.813 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81286		
223	68.8	33.0	99.0	
227	67.1	32.0	96.2	





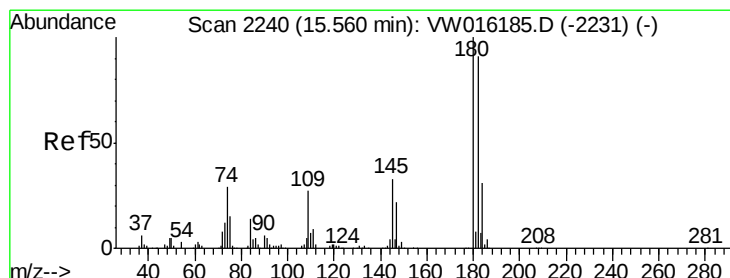
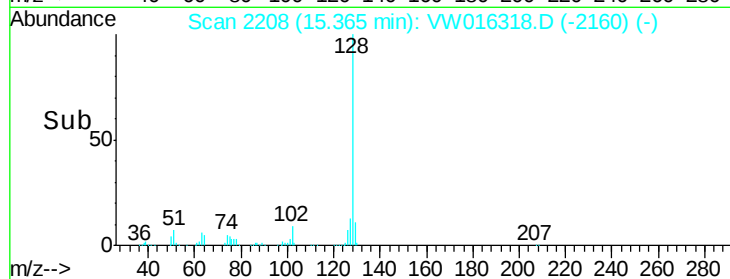
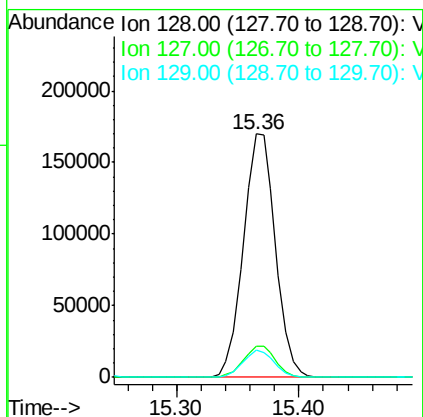
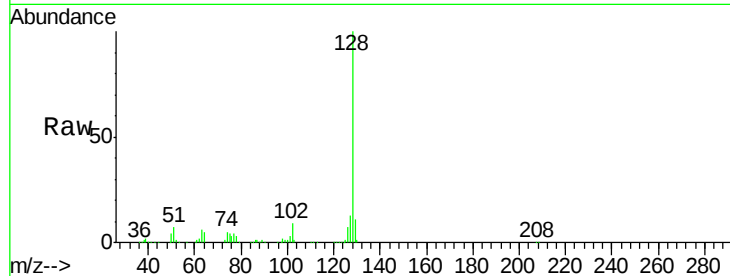
#95
Naphthalene
Concen: 56.397 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
APPROVED

MMDadoda
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#96
1,2,3-Trichlorobenzene
Concen: 60.909 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.7	143.1
145	35.7	17.4	52.3

