

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016187.D
 Acq On : 14 Aug 2020 11:48
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 5:46:31 PM

Quant Time: Aug 14 12:21:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 14 11:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	412656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170355	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	364786	137.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	274.22%	
35) Dibromofluoromethane	7.89	113	376729	152.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.56%	
50) Toluene-d8	10.32	98	1498878	157.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.90%	
62) 4-Bromofluorobenzene	12.62	95	525496	152.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	257850	186.598	ug/l	94
3) Chloromethane	2.21	50	275075	150.345	ug/l	96
4) Vinyl Chloride	2.37	62	362304	130.506	ug/l	98
5) Bromomethane	2.78	94	223132	107.203	ug/l	97
6) Chloroethane	2.92	64	209823	114.518	ug/l	99
7) Trichlorofluoromethane	3.26	101	311865	154.954	ug/l	99
8) Diethyl Ether	3.68	74	196259	153.923	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	387287	160.399	ug/l	99
10) Methyl Iodide	4.26	142	583658	172.027	ug/l	99
11) Tert butyl alcohol	5.23	59	96809	667.041	ug/l	99
12) 1,1-Dichloroethene	4.03	96	407220	170.240	ug/l	94
13) Acrolein	3.90	56	139251	758.128	ug/l	99
14) Allyl chloride	4.67	41	577132	153.533	ug/l	99
15) Acrylonitrile	5.38	53	382753	772.120	ug/l	99
16) Acetone	4.14	43	370872	753.841	ug/l	100
17) Carbon Disulfide	4.38	76	1192398	168.166	ug/l	99
18) Methyl Acetate	4.68	43	165340	147.411	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	516884	148.251	ug/l	99
20) Methylene Chloride	4.92	84	412875	141.529	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	434490	158.061	ug/l	97
22) Diisopropyl ether	6.32	45	1043429	138.704	ug/l	99
23) Vinyl Acetate	6.26	43	3160213	706.710	ug/l	99
24) 1,1-Dichloroethane	6.22	63	705937	146.385	ug/l	99
25) 2-Butanone	7.18	43	493529	742.350	ug/l	98
26) 2,2-Dichloropropane	7.17	77	423846	139.836	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	469804	160.893	ug/l	98
28) Bromochloromethane	7.51	49	274205	141.228	ug/l	99
29) Tetrahydrofuran	7.54	42	296474	734.451	ug/l	99
30) Chloroform	7.68	83	720742	145.848	ug/l	99
31) Cyclohexane	7.96	56	624264	137.185	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	606881	146.435	ug/l	99
36) 1,1-Dichloropropene	8.09	75	588965	146.132	ug/l	99
37) Ethyl Acetate	7.26	43	210476	134.758	ug/l	99
38) Carbon Tetrachloride	8.07	117	581564	148.408	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	754020	157.870	ug/l	99
40) Benzene	8.33	78	1653614	149.059	ug/l	100
41) Methacrylonitrile	7.49	41	132923	150.096	ug/l	97
42) 1,2-Dichloroethane	8.40	62	438511	129.892	ug/l	99
43) Isopropyl Acetate	8.43	43	415253	137.730	ug/l	100
44) Trichloroethene	9.10	130	459093	155.271	ug/l	97
45) 1,2-Dichloropropane	9.37	63	394560	145.382	ug/l	100
46) Dibromomethane	9.46	93	208980	148.653	ug/l	99
47) Bromodichloromethane	9.65	83	543427	150.336	ug/l	96
48) Methyl methacrylate	9.44	41	199497	144.797	ug/l	98
49) 1,4-Dioxane	9.48	88	57725	3276.211	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	1030896	697.883	ug/l	99
52) Toluene	10.39	92	1061194	148.383	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	544849	157.542	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	655531	157.417	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	299422	153.480	ug/l	99
56) Ethyl methacrylate	10.65	69	385147	160.610	ug/l	97
57) 1,3-Dichloropropane	10.93	76	512621	148.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	846147	730.501	ug/l	99
59) 2-Hexanone	10.97	43	725881	734.444	ug/l	98
60) Dibromochloromethane	11.13	129	368136	162.016	ug/l	100
61) 1,2-Dibromoethane	11.24	107	293196	155.547	ug/l	99
64) Tetrachloroethene	10.87	164	357523	152.614	ug/l	90
65) Chlorobenzene	11.66	112	1120806	155.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	398070	155.898	ug/l	99
67) Ethyl Benzene	11.73	91	2067279	154.579	ug/l	100
68) m/p-Xylenes	11.84	106	1575998	313.713	ug/l	98
69) o-Xylene	12.17	106	725062	158.401	ug/l	99
70) Styrene	12.18	104	1236388	156.830	ug/l	99
71) Bromoform	12.35	173	182578	157.056	ug/l #	98
73) Isopropylbenzene	12.47	105	1979894	163.717	ug/l	99
74) N-amyl acetate	12.27	43	378411	149.445	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	320651	158.444	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	226909m	150.458	ug/l	
77) Bromobenzene	12.75	156	427508	158.045	ug/l	98
78) n-propylbenzene	12.80	91	2318461	158.515	ug/l	99
79) 2-Chlorotoluene	12.90	91	1341449	160.617	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1666511	161.351	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	109144	182.253	ug/l	96
82) 4-Chlorotoluene	12.99	91	1382755	158.278	ug/l	100
83) tert-Butylbenzene	13.21	119	1405811	164.287	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1654303	160.420	ug/l	98
85) sec-Butylbenzene	13.38	105	1984557	160.466	ug/l	100
86) p-Isopropyltoluene	13.50	119	1791452	158.617	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	831808	153.112	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	809732	152.552	ug/l	98
89) n-Butylbenzene	13.82	91	1681766	156.882	ug/l	99
90) Hexachloroethane	14.10	117	344837	169.067	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	727402	155.448	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	53579	166.310	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	489944	166.479	ug/l	96
94) Hexachlorobutadiene	15.24	225	271230	147.736	ug/l	97
95) Naphthalene	15.36	128	986477	195.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	411719	162.476	ug/l	98

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

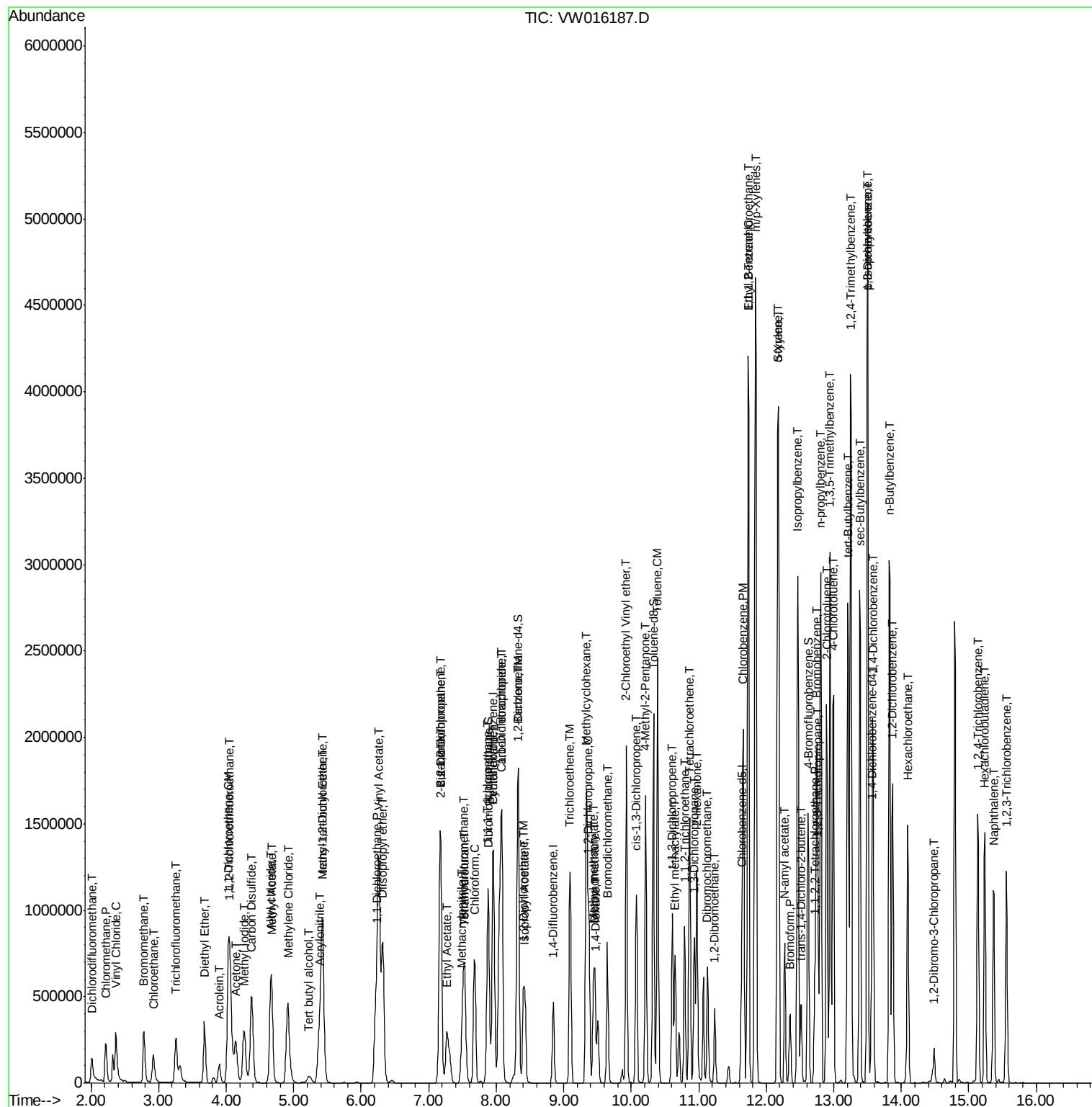
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081420\
Data File : VW016187.D
Acq On : 14 Aug 2020 11:48
Operator : SY/VA
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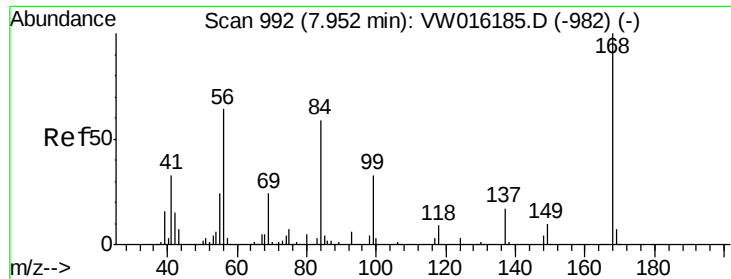
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Manual Integrations
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MMDadoda
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 256305

Ion Ratio Lower Upper

168 100

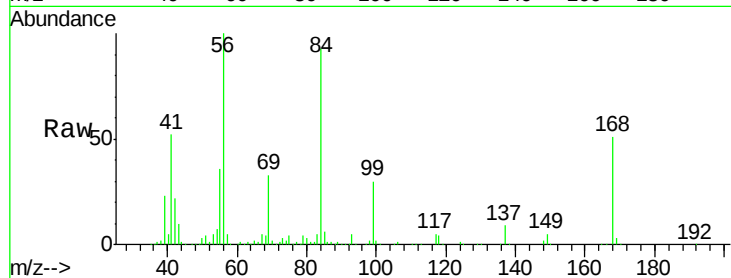
99 58.6 48.3 72.5

Manual Integrations

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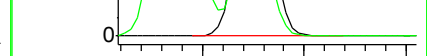
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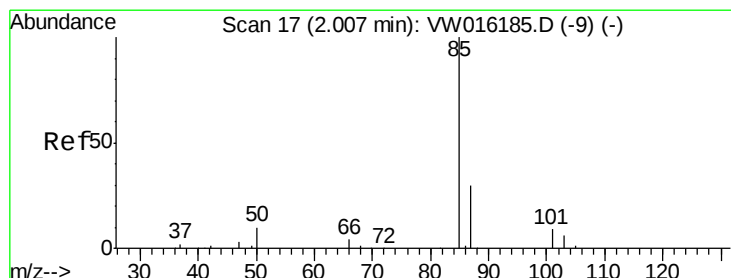
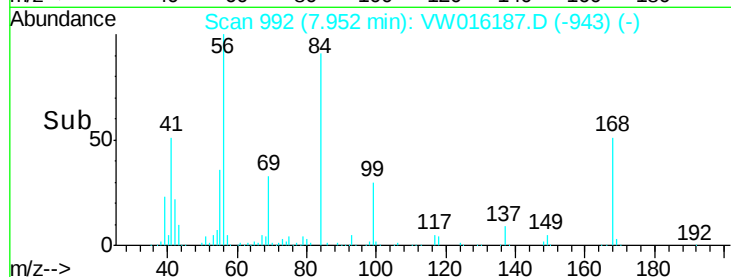


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time-->



#2

Dichlorodifluoromethane

Concen: 186.598 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016187.D

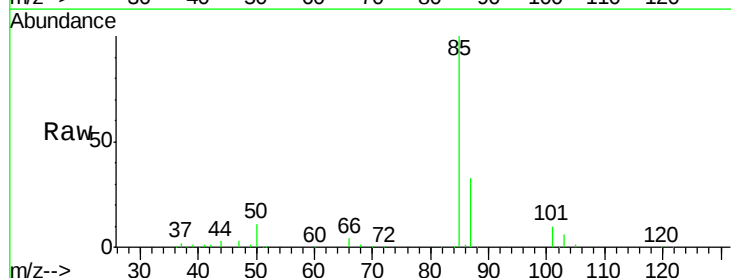
Acq: 14 Aug 2020 11:48

Tgt Ion: 85 Resp: 257850

Ion Ratio Lower Upper

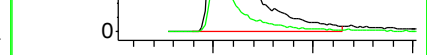
85 100

87 33.0 14.9 44.5

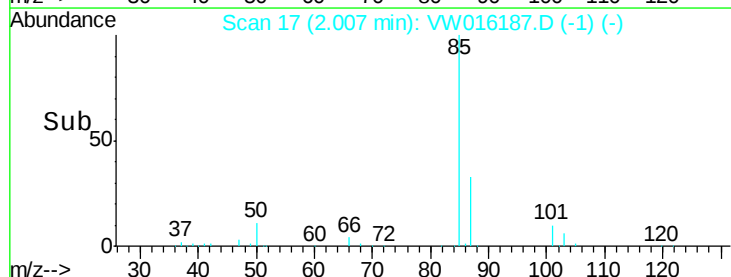


Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW



Time-->





#3

Chloromethane

Concen: 150.345 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 275075

Ion Ratio Lower Upper

50 100

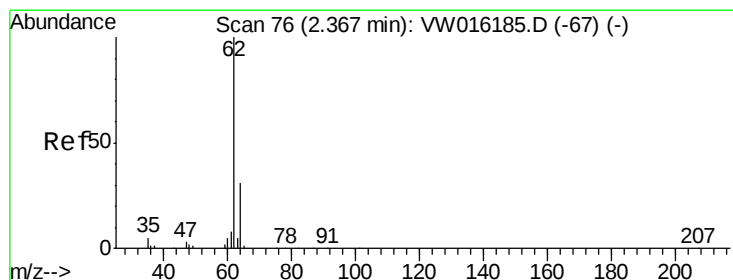
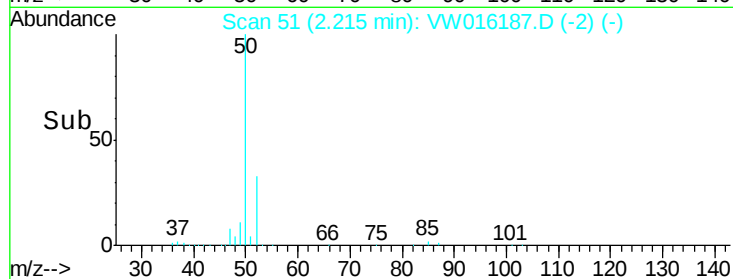
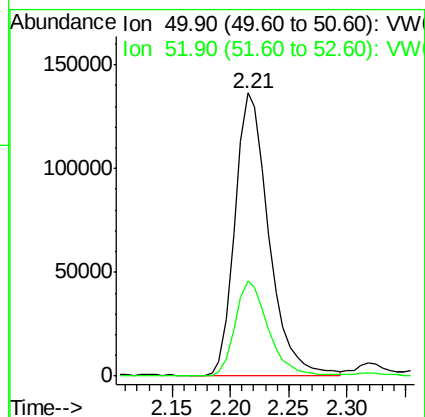
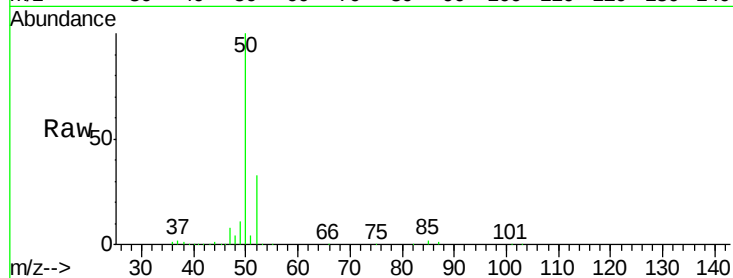
52 33.5 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 130.506 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016187.D

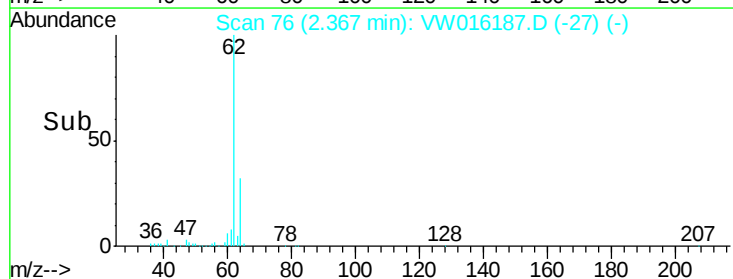
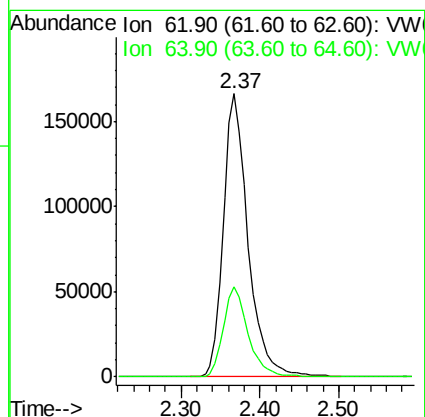
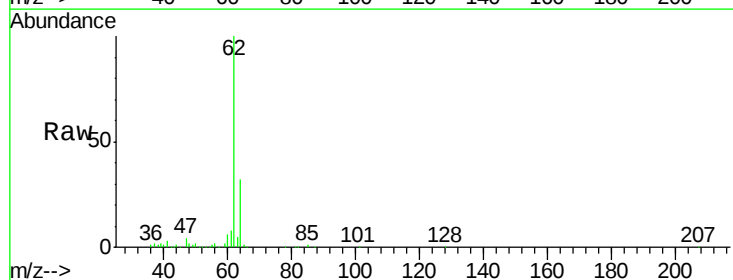
Acq: 14 Aug 2020 11:48

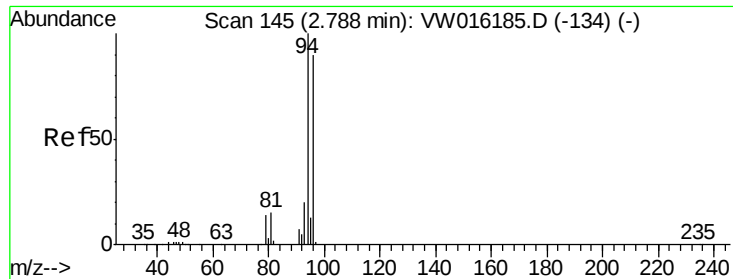
Tgt Ion: 62 Resp: 362304

Ion Ratio Lower Upper

62 100

64 31.7 24.5 36.7





#5

Bromomethane

Concen: 107.203 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 223132

Ion Ratio Lower Upper

94 100

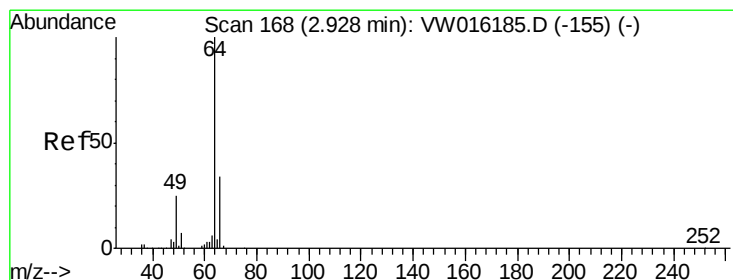
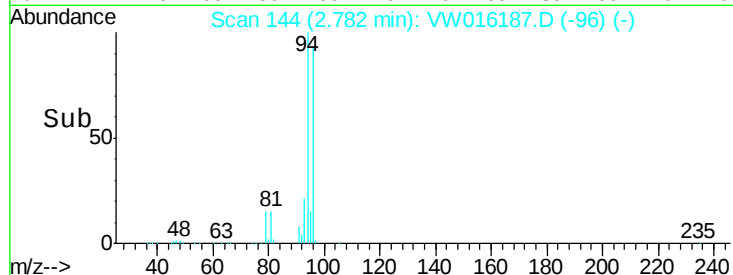
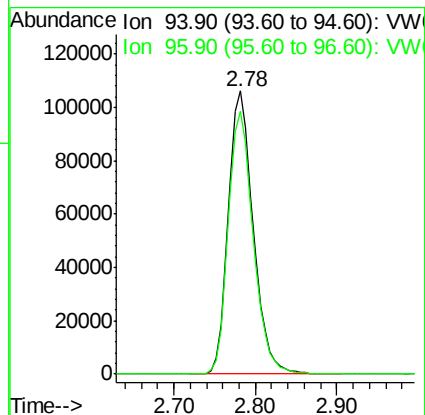
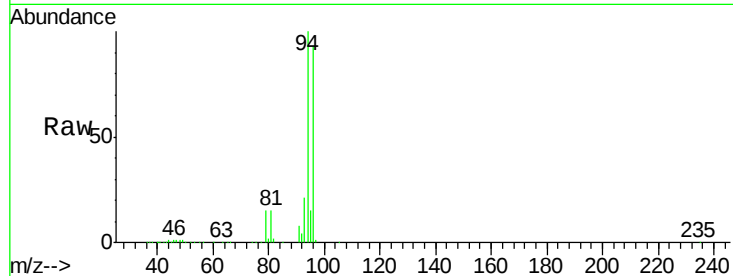
96 92.8 71.8 107.6

Manual Integrations

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#6

Chloroethane

Concen: 114.518 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016187.D

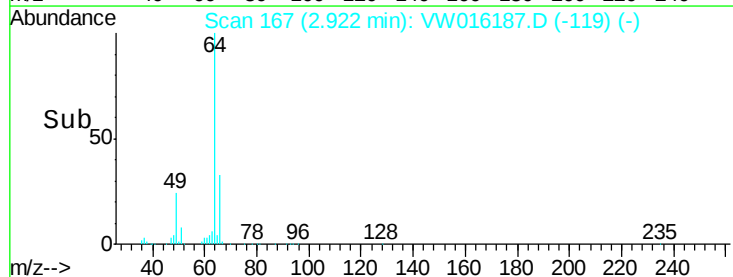
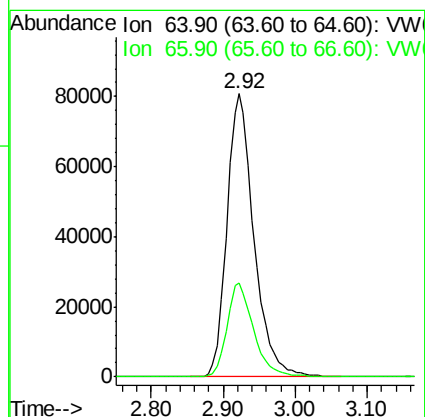
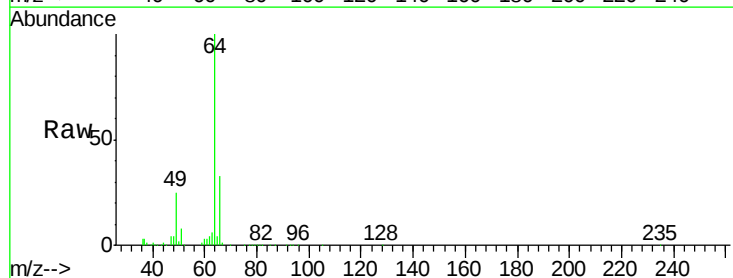
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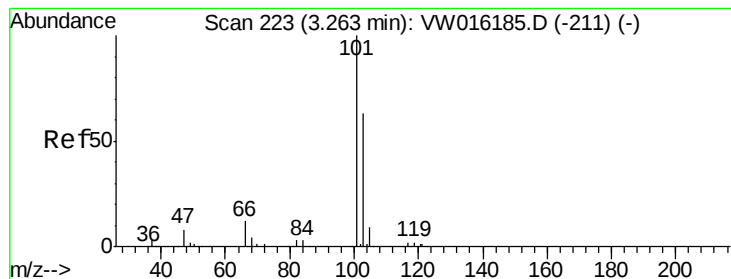
Tgt Ion: 64 Resp: 209823

Ion Ratio Lower Upper

64 100

66 33.0 26.9 40.3





#7

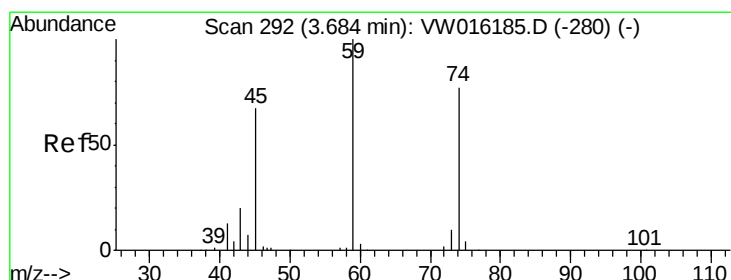
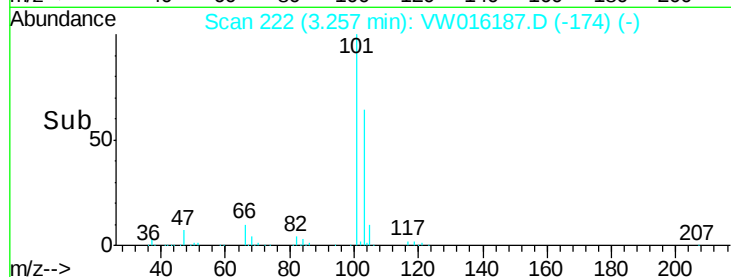
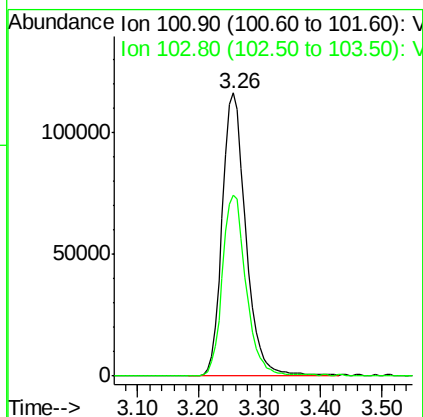
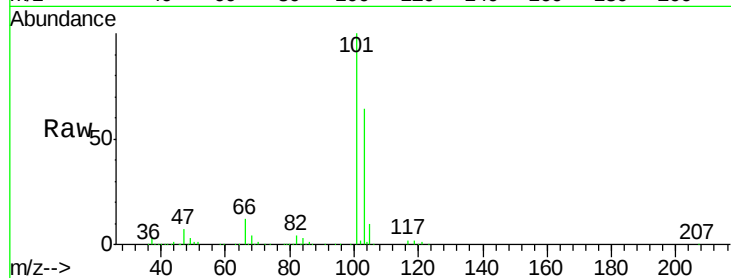
Trichlorofluoromethane
Concen: 154.954 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	311865		
103	64.1	50.4	75.6	

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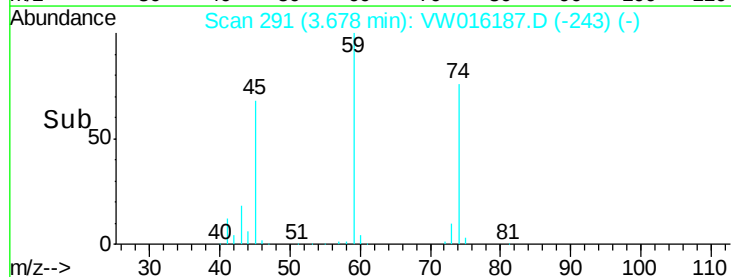
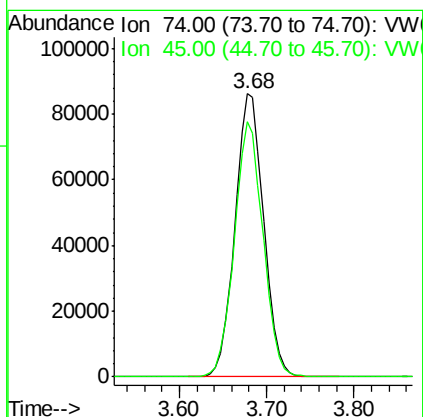
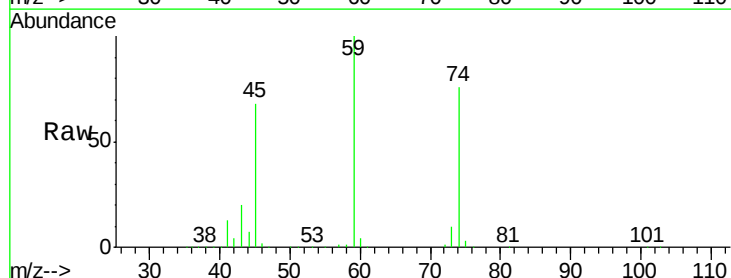
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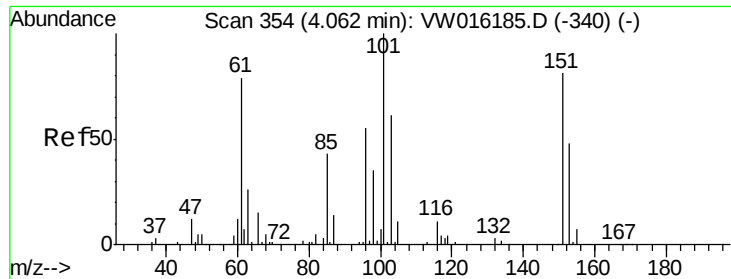


#8

Diethyl Ether
Concen: 153.923 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW016187.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	196259		
45	90.8	45.9	137.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 160.399 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

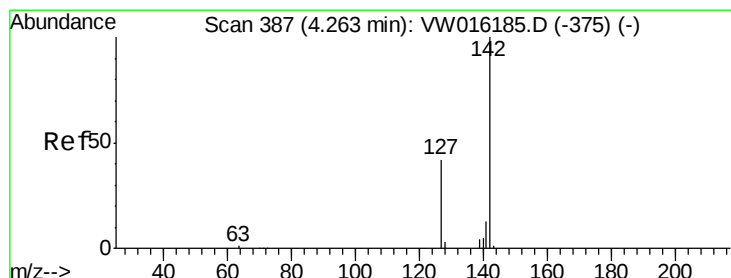
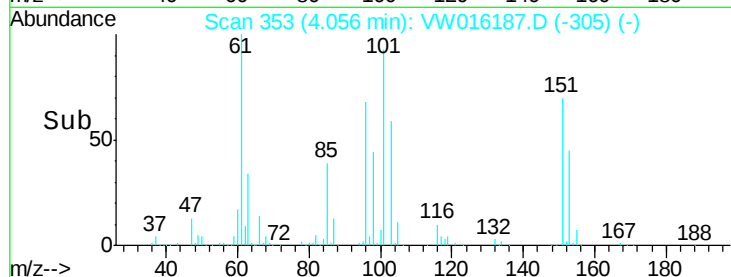
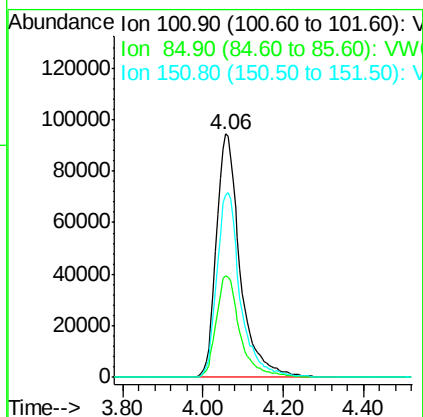
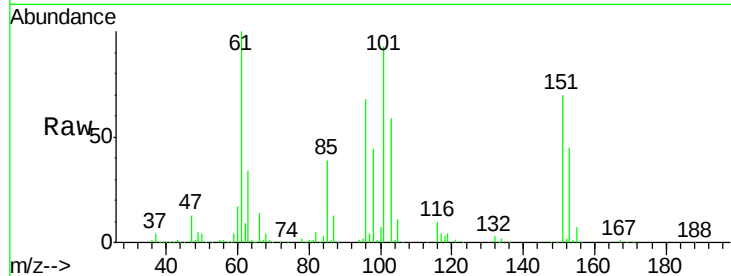
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	387287
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.3	49.9
151	75.0	61.1	91.7

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#10

Methyl Iodide

Concen: 172.027 ug/l

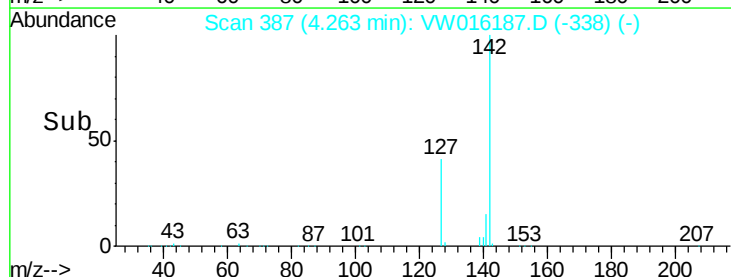
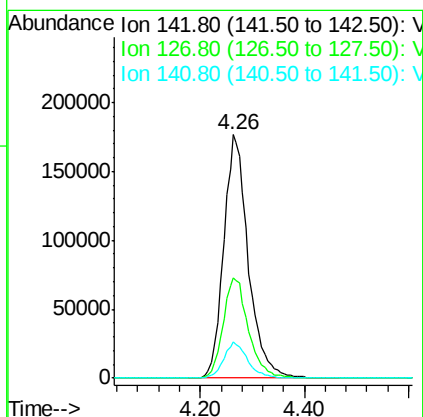
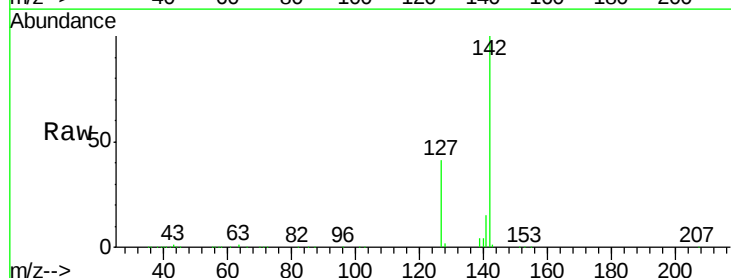
RT: 4.26 min Scan# 387

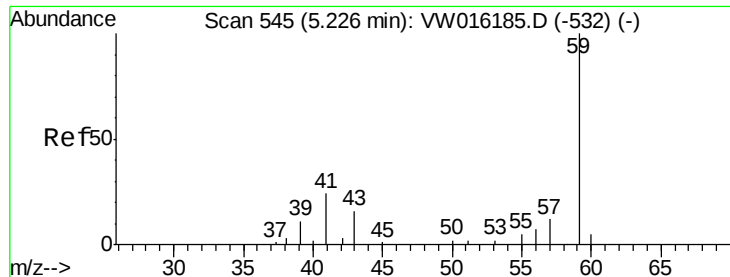
Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Tgt Ion:	142	Resp:	583658
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.6	52.0
141	14.5	11.4	17.2





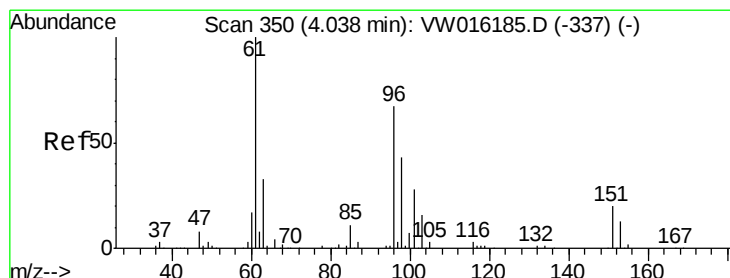
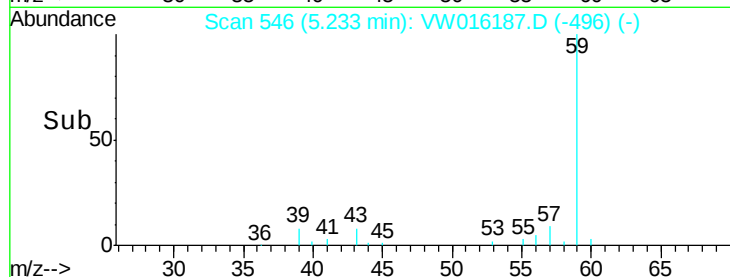
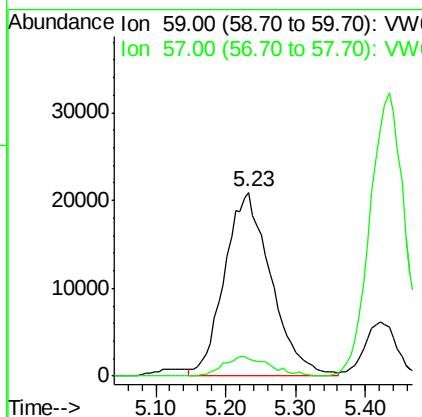
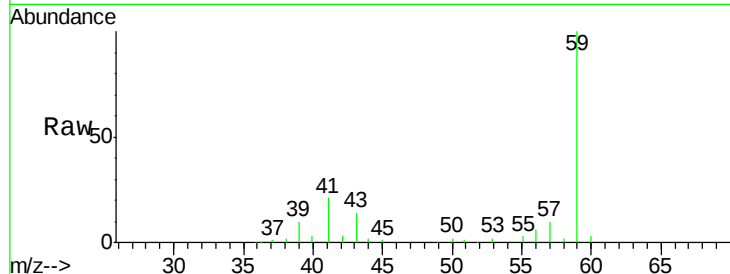
#11
Tert butyl alcohol
Concen: 667.041 ug/l
RT: 5.23 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	59	57	Ratio	100	10.9	Resp	96809	Lower	Upper
59	100								
57		10.9						9.0	13.6

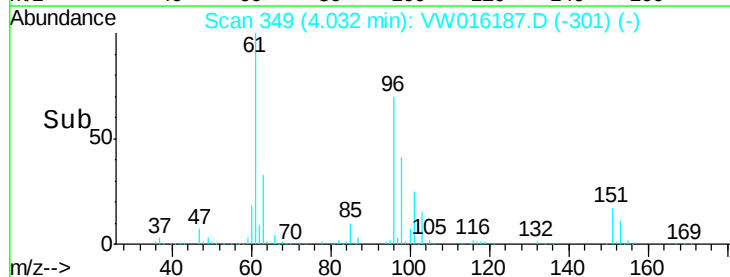
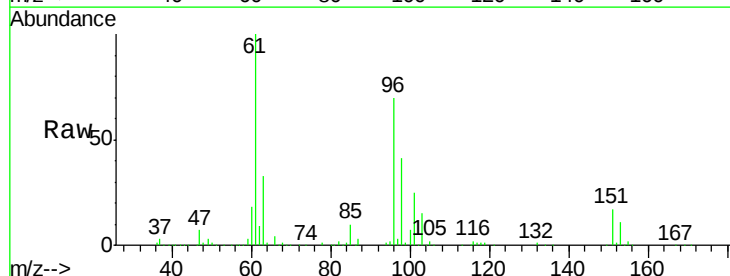
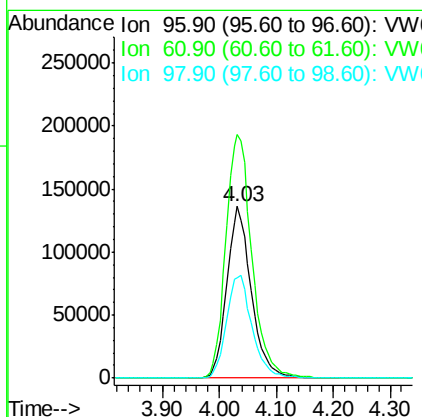
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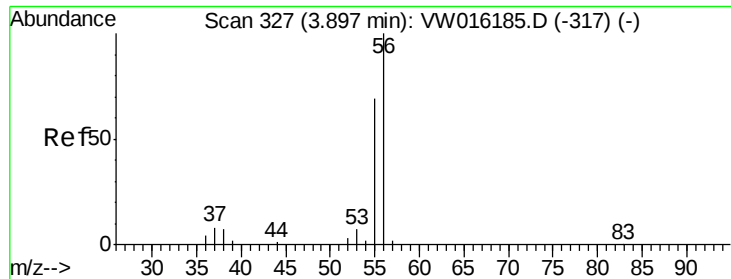
MMDadoda
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#12
1,1-Dichloroethene
Concen: 170.240 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion	96	61	98	Ratio	100	142.0	58.2	Resp	407220	Lower	Upper
96	100										
61		142.0								119.5	179.3
98		58.2								51.3	76.9





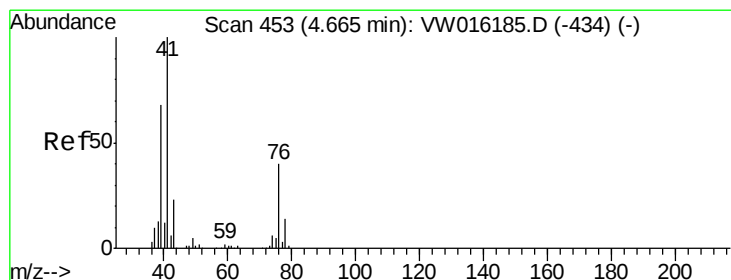
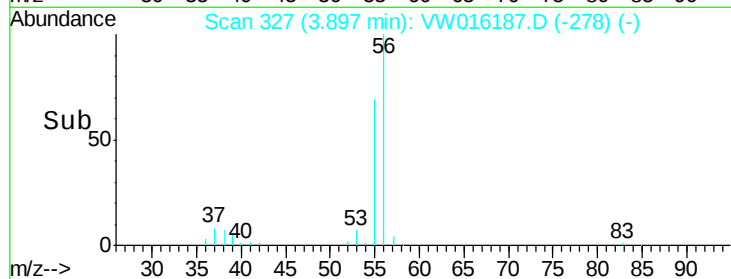
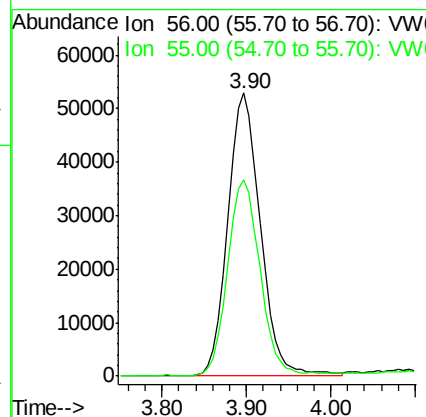
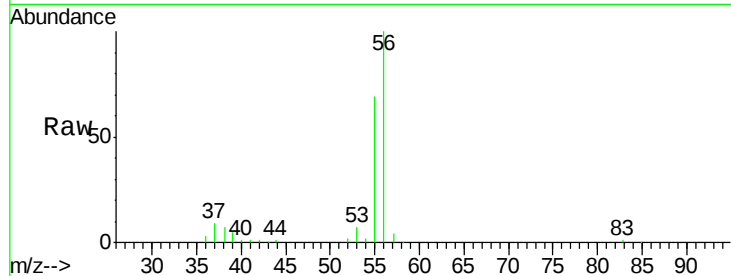
#13
Acrolein
Concen: 758.128 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.3	55.0	82.6

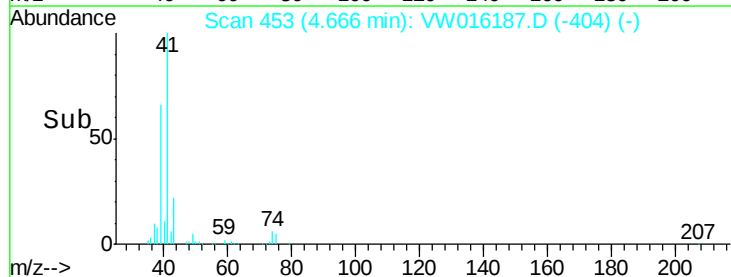
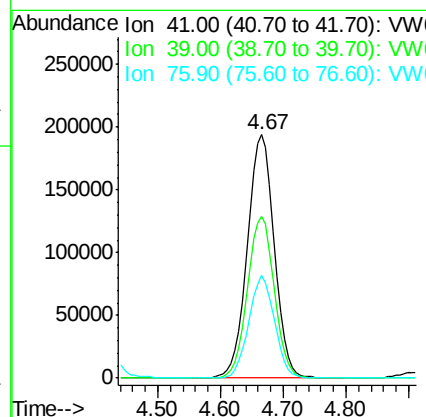
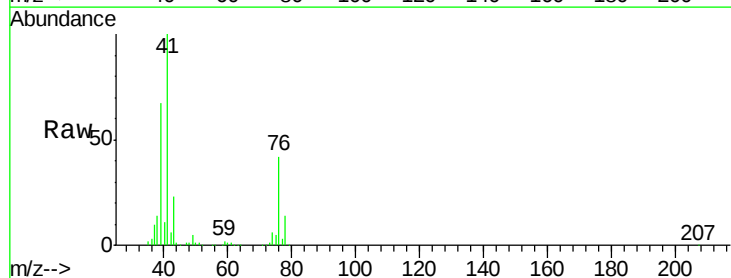
Manual Integrations
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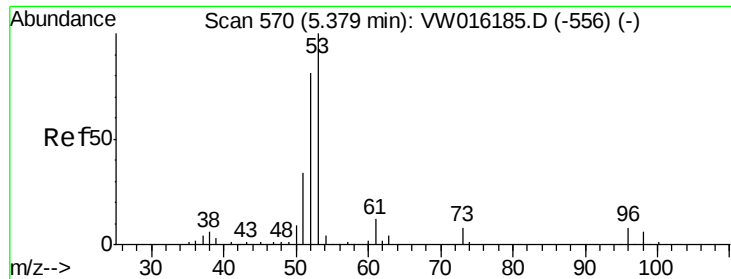
MMDadoda
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#14
Allyl chloride
Concen: 153.533 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.1	53.4	80.0
76	40.1	32.0	48.0





#15

Acrylonitrile

Concen: 772.120 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

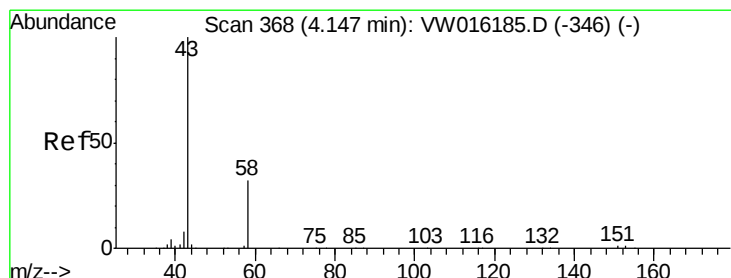
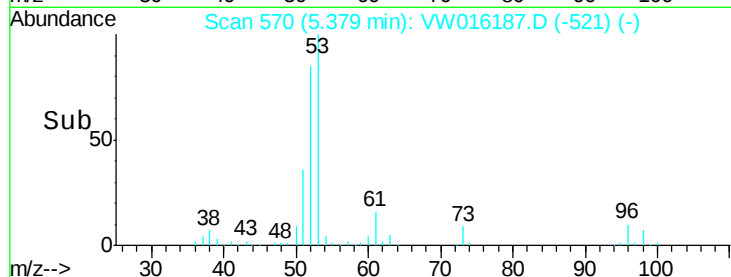
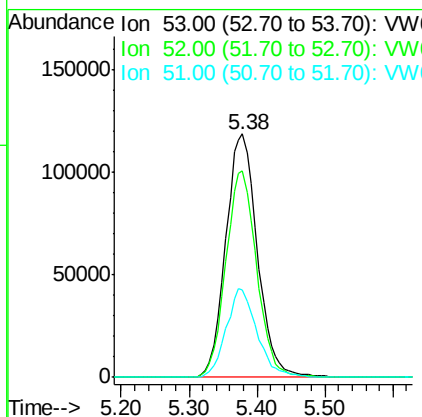
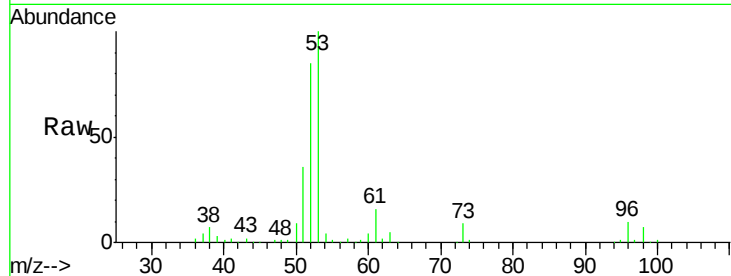
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	382753
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.3	97.9
51	35.8	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 753.841 ug/l

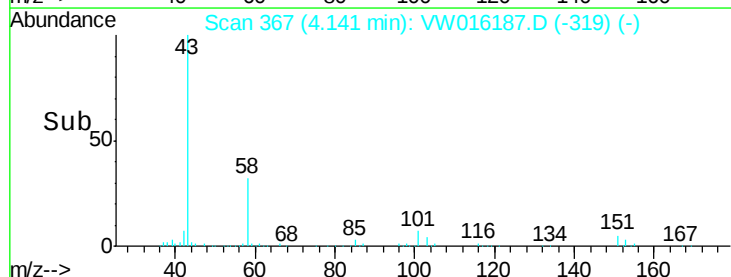
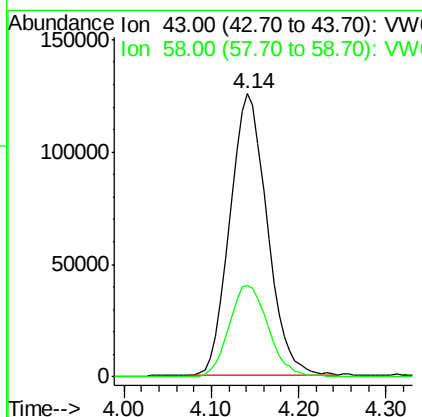
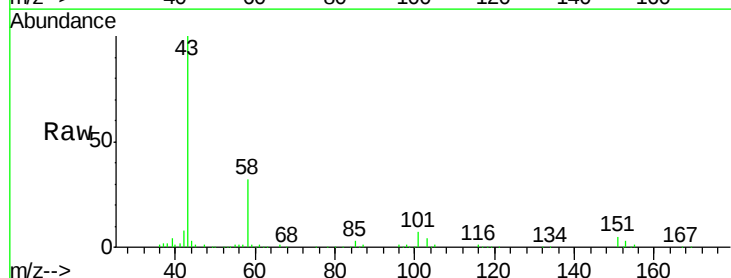
RT: 4.14 min Scan# 367

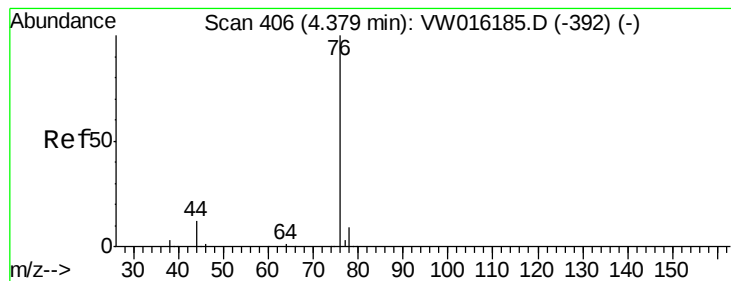
Delta R.T. -0.01 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Tgt Ion:	43	Resp:	370872
Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.8	38.6





#17

Carbon Disulfide

Concen: 168.166 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1192398

Ion Ratio Lower Upper

76 100

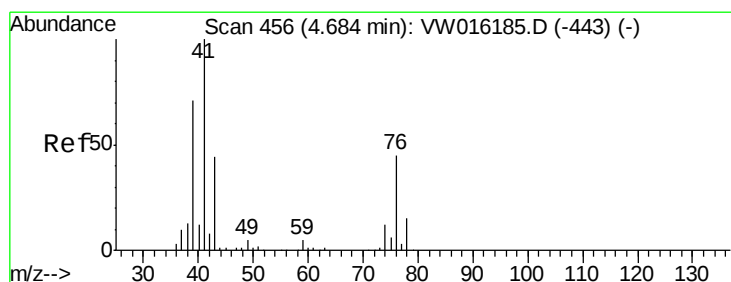
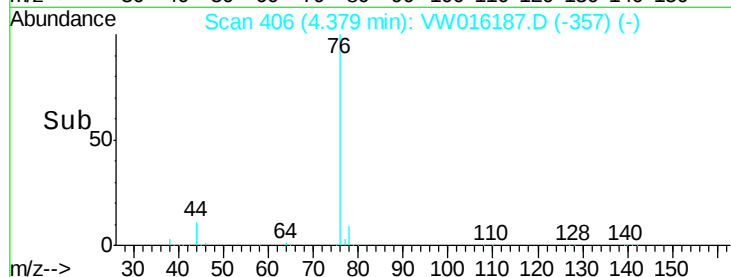
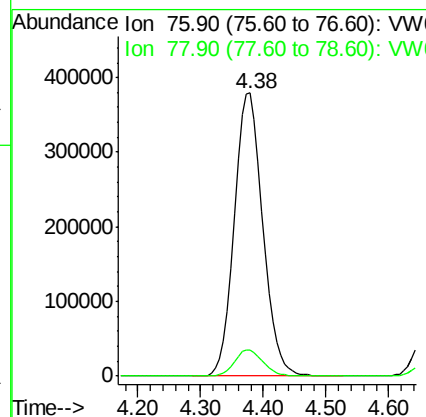
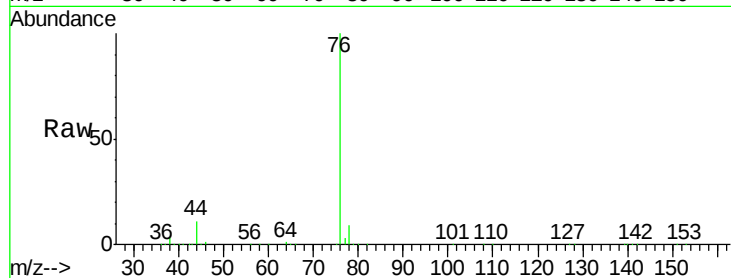
78 9.1 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 147.411 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW016187.D

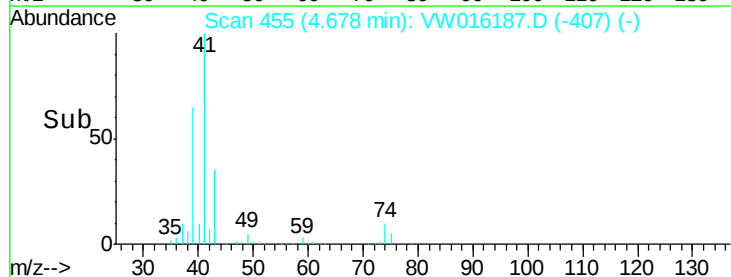
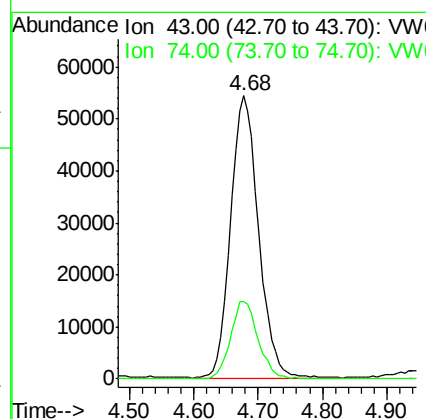
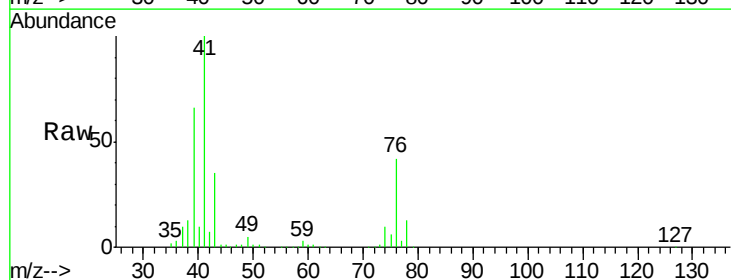
Acq: 14 Aug 2020 11:48

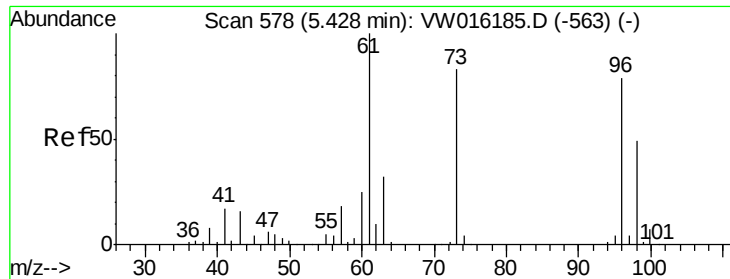
Tgt Ion: 43 Resp: 165340

Ion Ratio Lower Upper

43 100

74 27.1 20.6 31.0





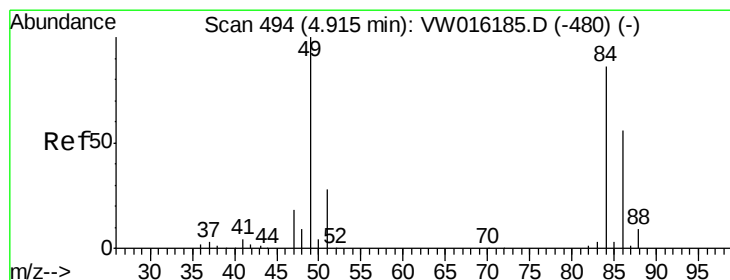
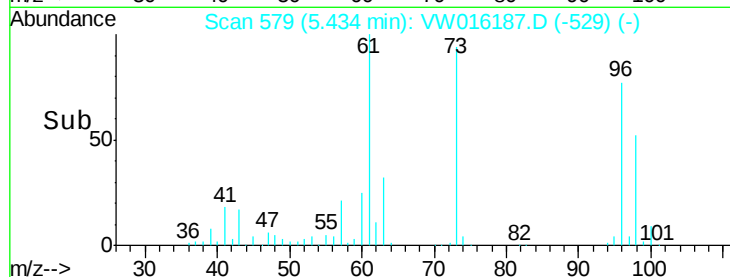
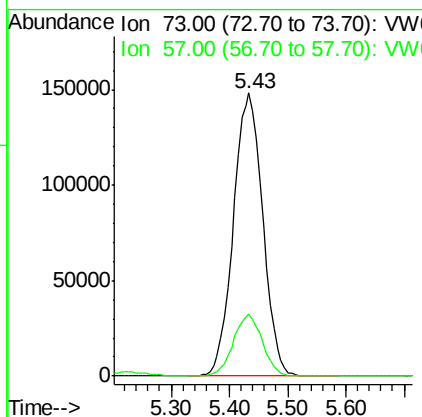
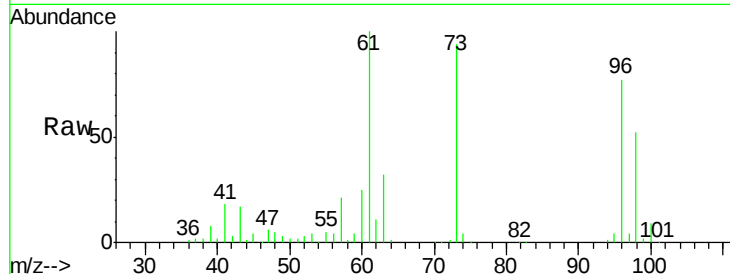
#19
Methvl tert-butvl Ether
Concen: 148.251 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 516884
Ion Ratio Lower Upper
73 100
57 21.7 17.2 25.8

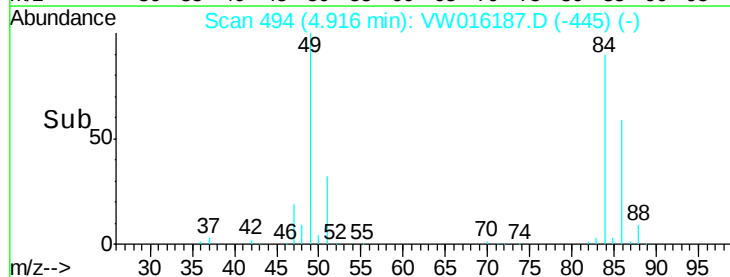
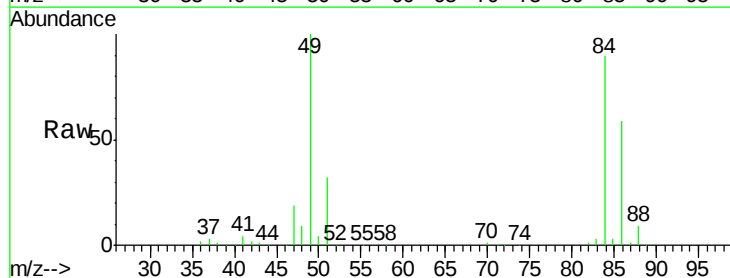
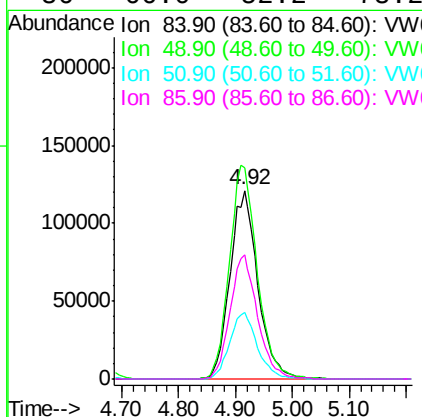
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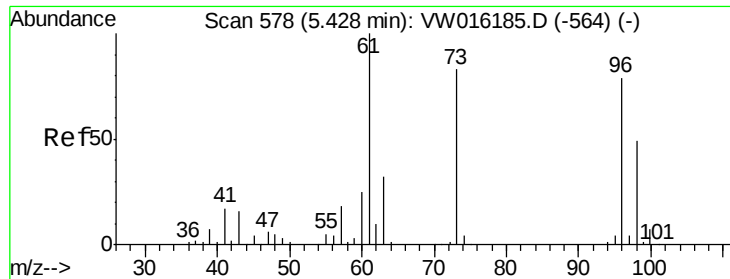
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#20
Methylene Chloride
Concen: 141.529 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion: 84 Resp: 412875
Ion Ratio Lower Upper
84 100
49 111.7 93.4 140.2
51 35.3 26.6 40.0
86 66.0 52.2 78.2





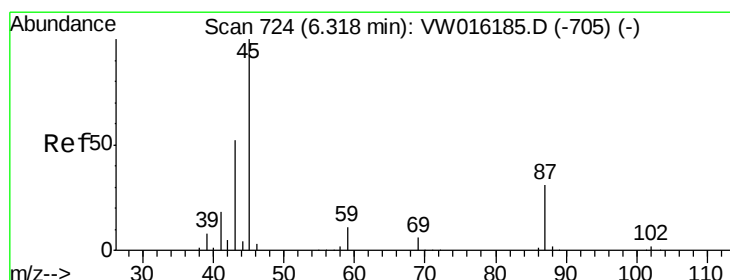
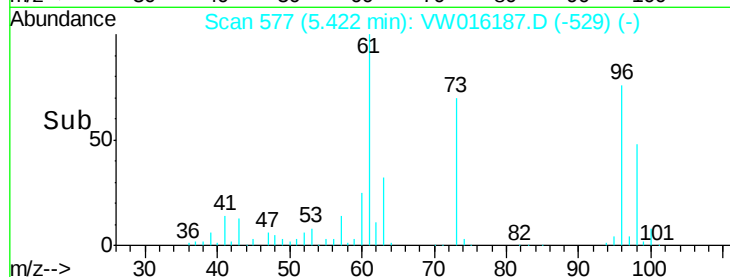
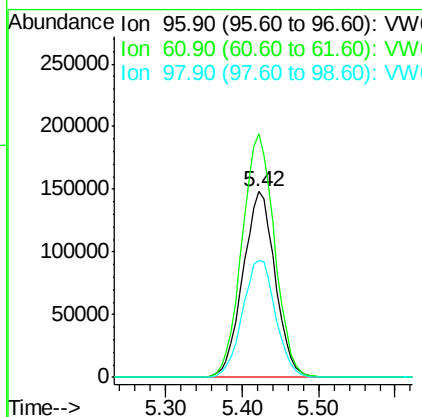
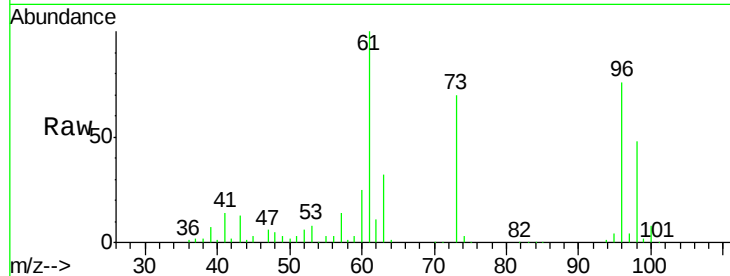
#21
trans-1,2-Dichloroethene
Concen: 158.061 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.3	101.4	152.0
98	62.9	49.4	74.0

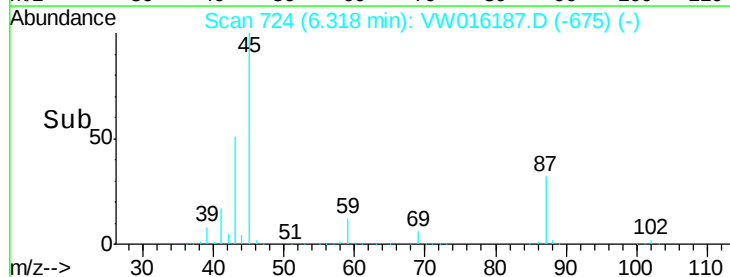
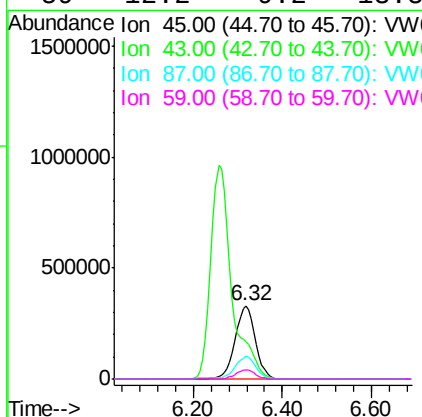
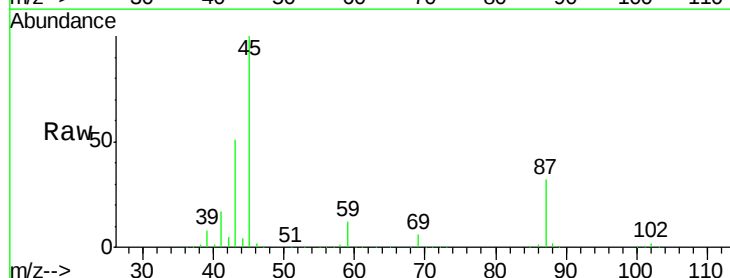
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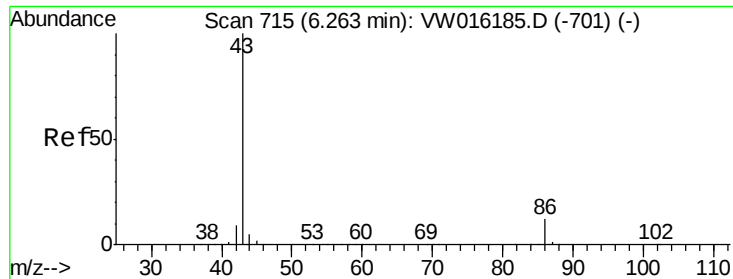
MMDadoda
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#22
Diisopropyl ether
Concen: 138.704 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	51.2	41.7	62.5
87	31.7	25.0	37.6
59	12.2	9.2	13.8





#23

Vinyl Acetate

Concen: 706.710 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3160213

Ion Ratio Lower Upper

43 100

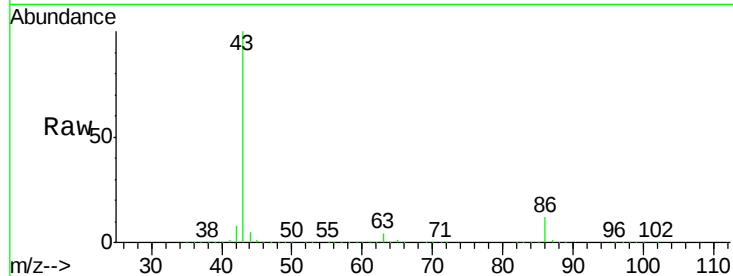
86 11.8 9.8 14.8

Manual Integrations

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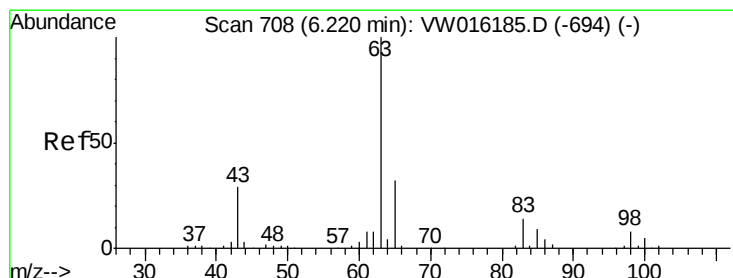
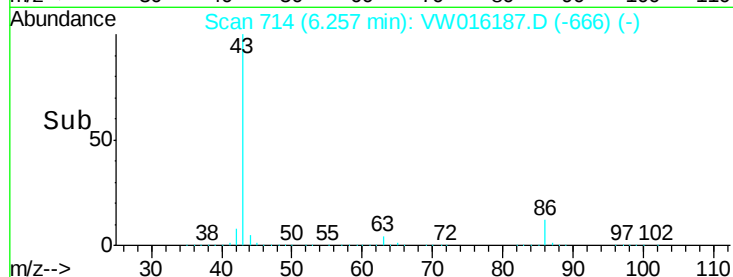
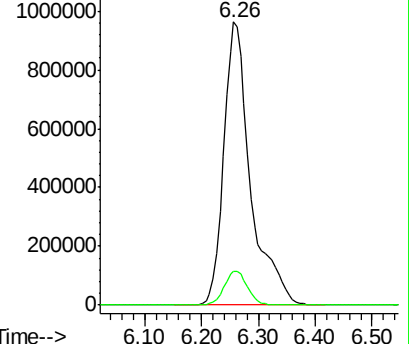
MMDadoda

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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: 146.385 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

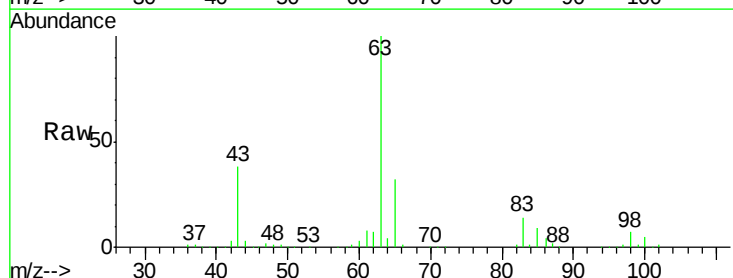
Tgt Ion: 63 Resp: 705937

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

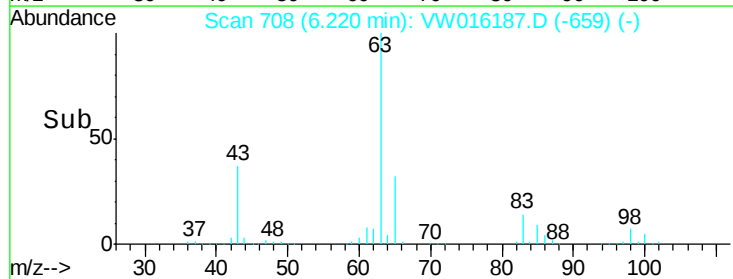
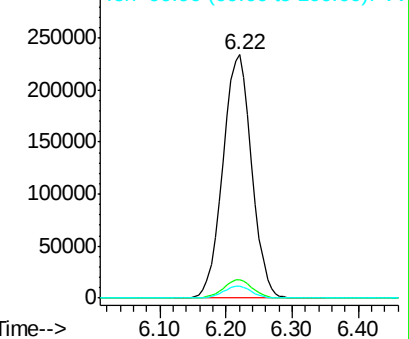
100 5.0 2.6 8.0

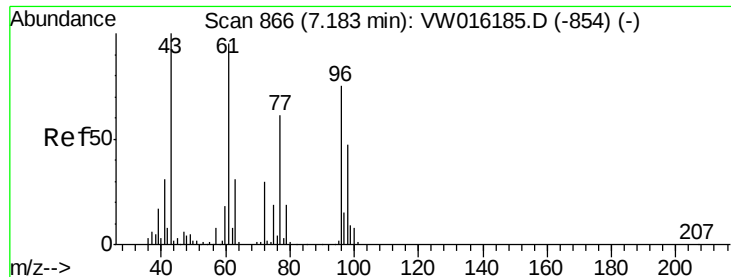


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 742.350 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 493529

Ion Ratio Lower Upper

43 100

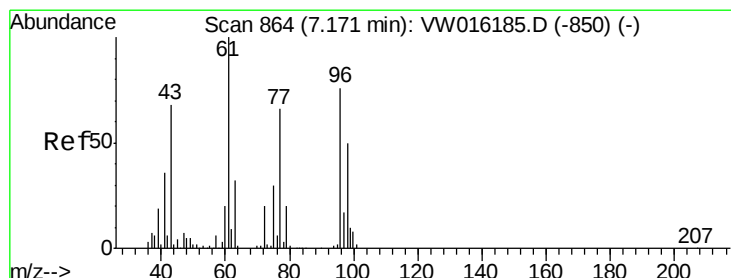
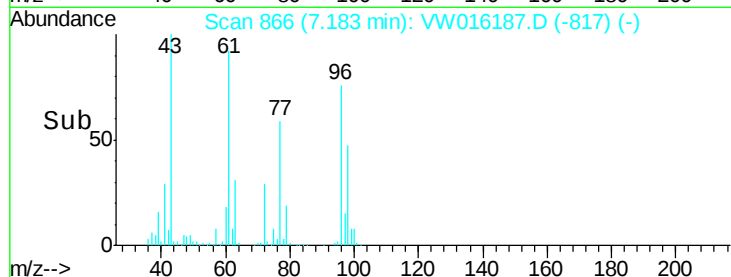
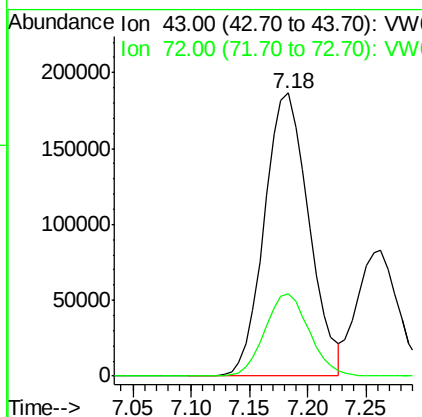
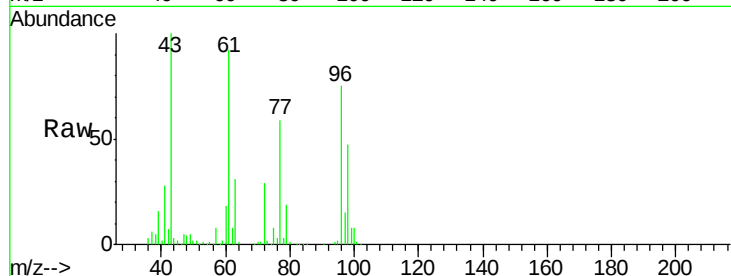
72 29.3 24.2 36.2

Manual Integrations

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8/17/2020 5:46:31 PM



#26

2,2-Dichloropropane

Concen: 139.836 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016187.D

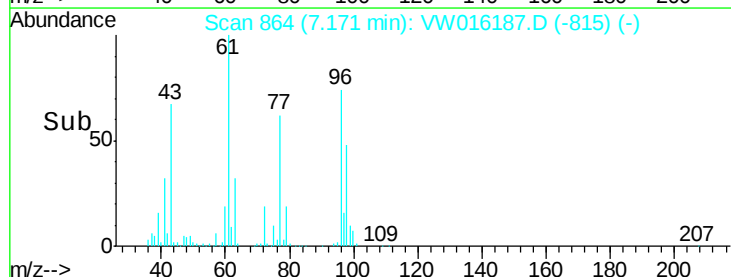
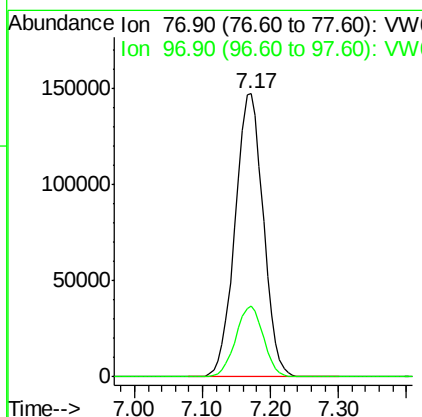
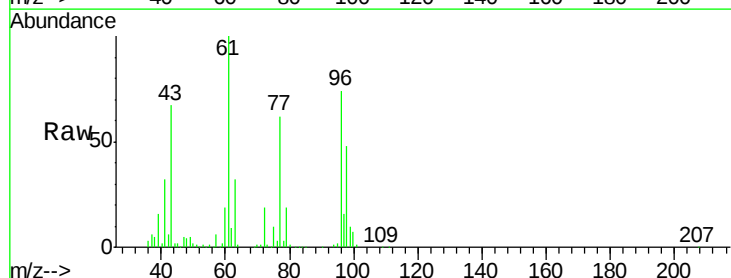
Acq: 14 Aug 2020 11:48

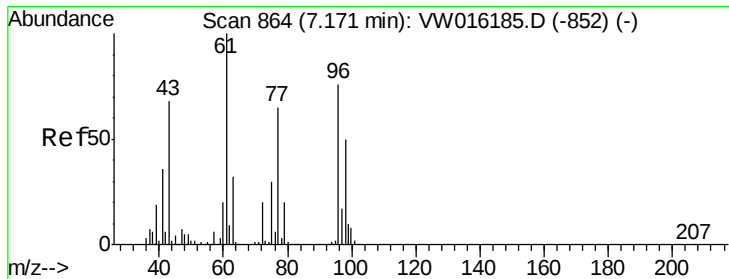
Tgt Ion: 77 Resp: 423846

Ion Ratio Lower Upper

77 100

97 24.7 12.1 36.3





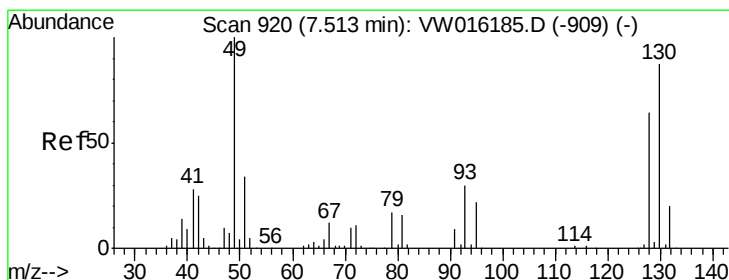
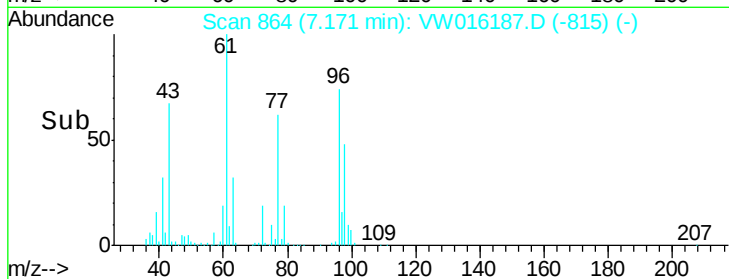
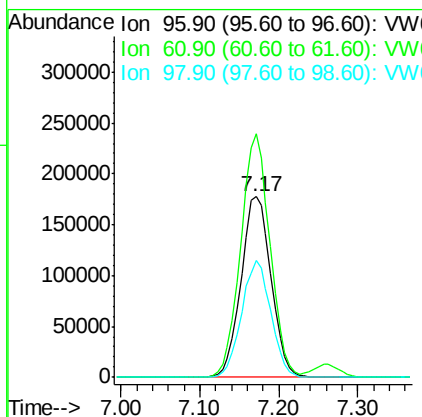
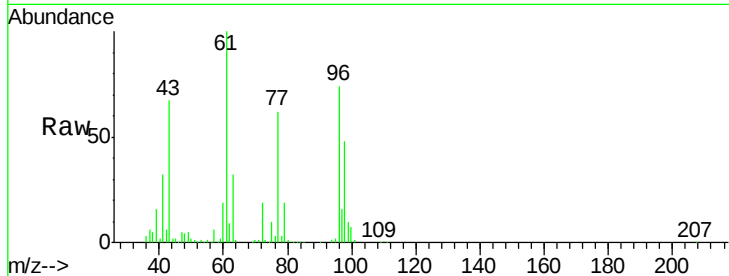
#27
 cis-1,2-Dichloroethene
 Concen: 160.893 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	131.4	0.0	267.0	
98	63.0	0.0	129.6	

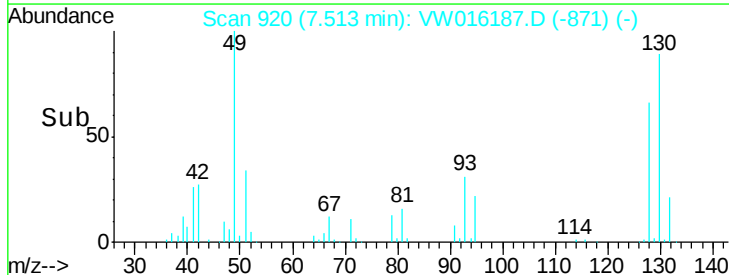
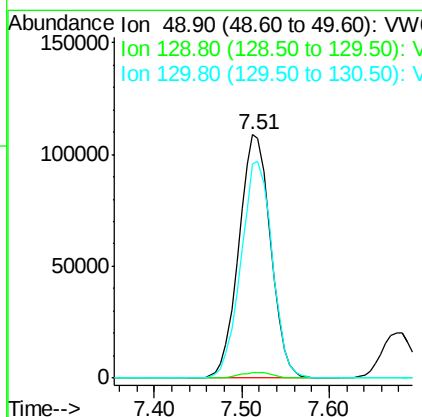
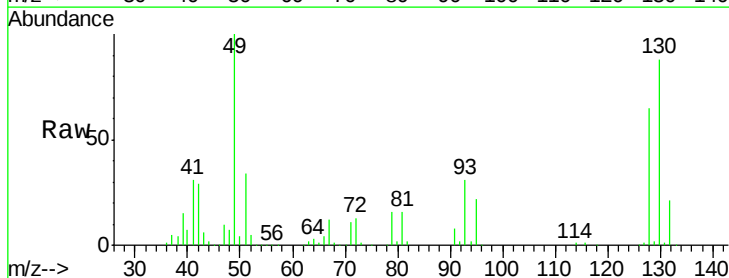
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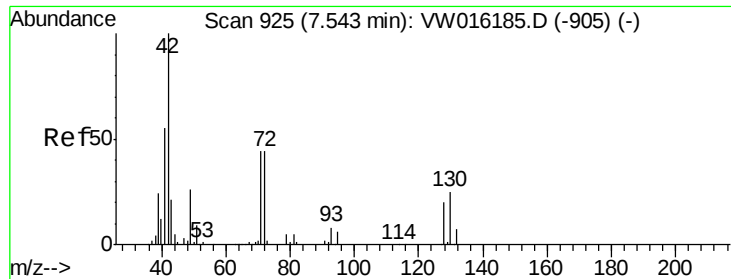
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#28
 Bromochloromethane
 Concen: 141.228 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	4.2	
130	87.9	69.9	104.9	





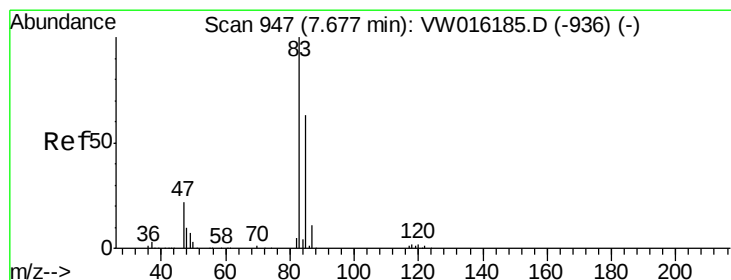
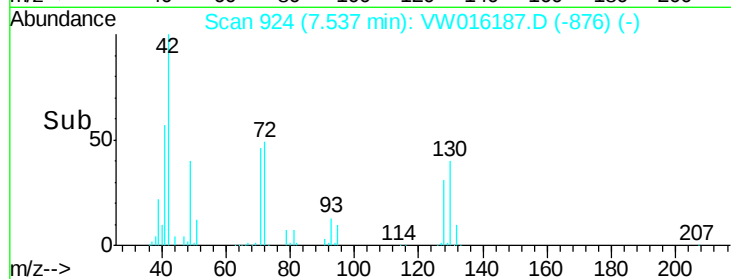
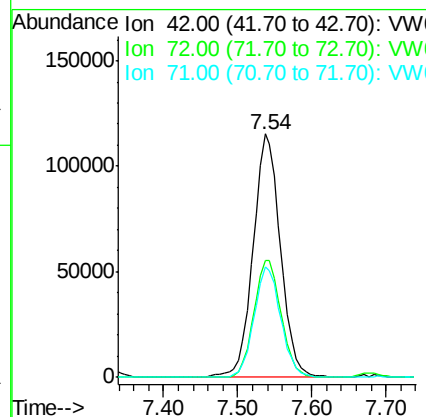
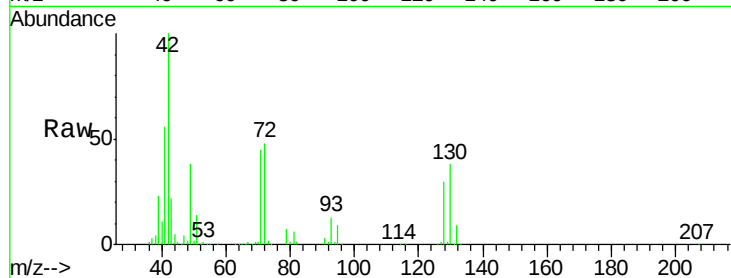
#29
Tetrahydrofuran
Concen: 734.451 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
42	100	296474		
72	48.0		37.4	56.2
71	44.3		35.6	53.4

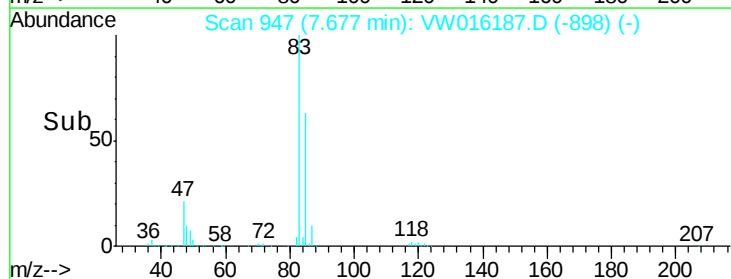
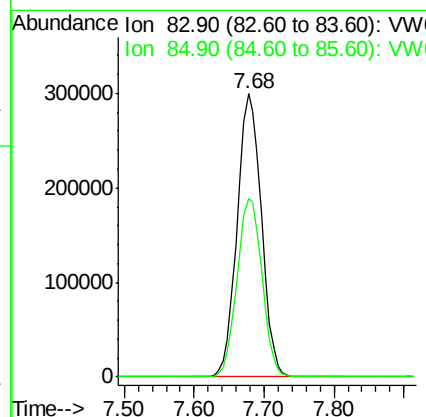
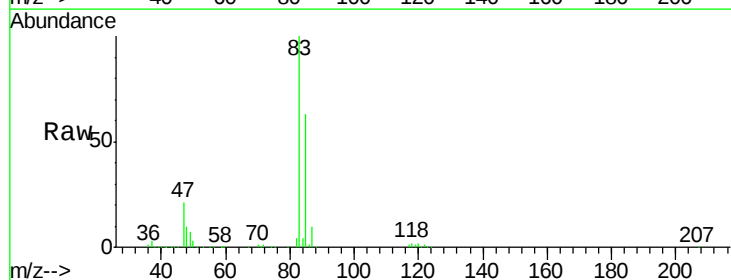
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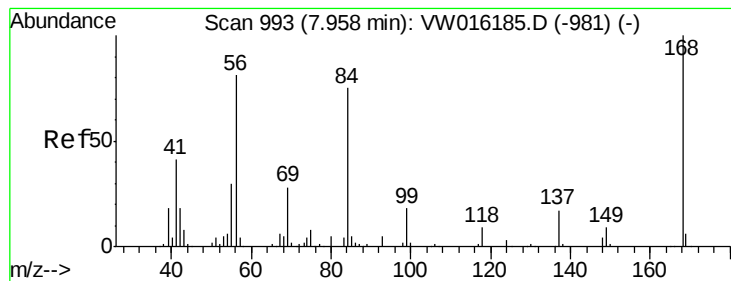
MMDadoda
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#30
Chloroform
Concen: 145.848 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	720742		
85	63.0		50.0	75.0





#31

Cyclohexane

Concen: 137.185 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

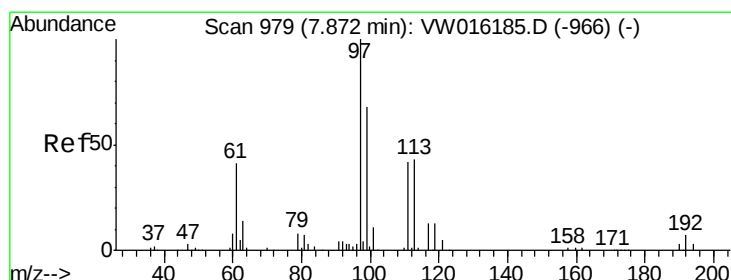
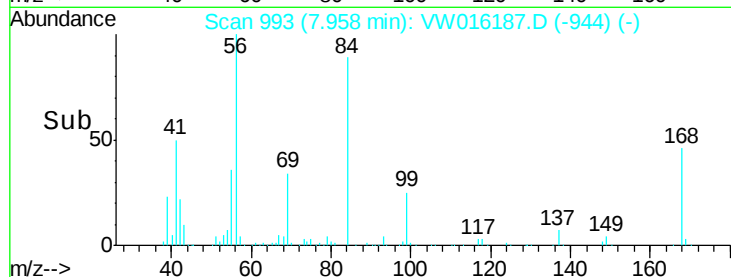
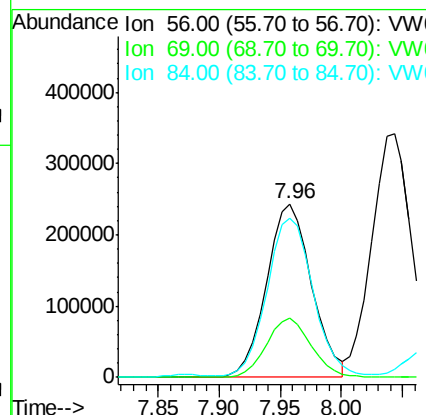
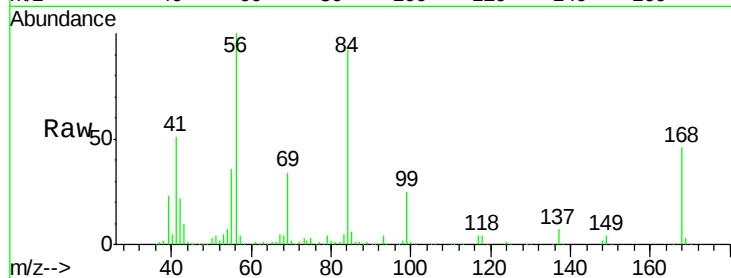
ClientSampled :

VSTDIC150

Tot Ion:	56	Resp:	624264
Ion Ratio	Lower	Upper	
56	100		
69	34.0	27.3	40.9
84	90.1	73.5	110.3

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#32

1,1,1-Trichloroethane

Concen: 146.435 ug/l

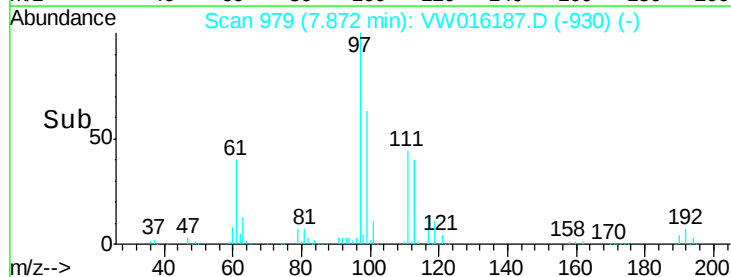
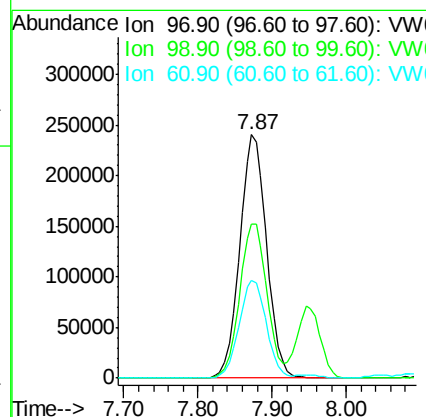
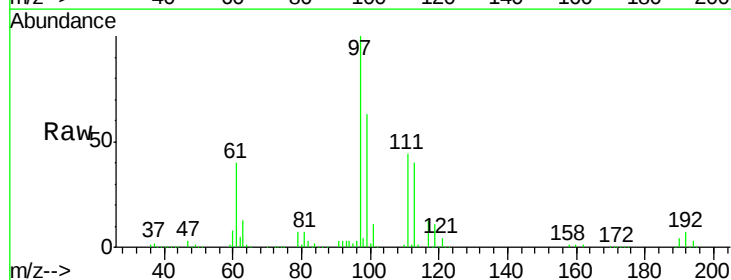
RT: 7.87 min Scan# 979

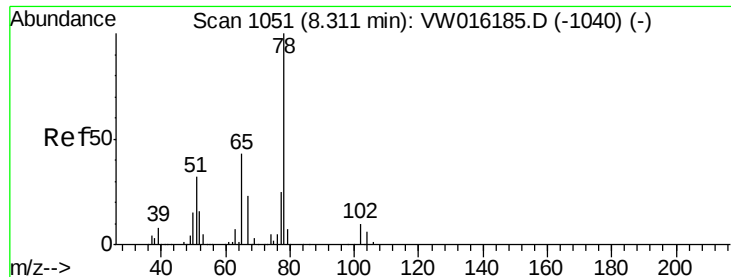
Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Tgt Ion:	97	Resp:	606881
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.3	76.9
61	40.8	33.2	49.8





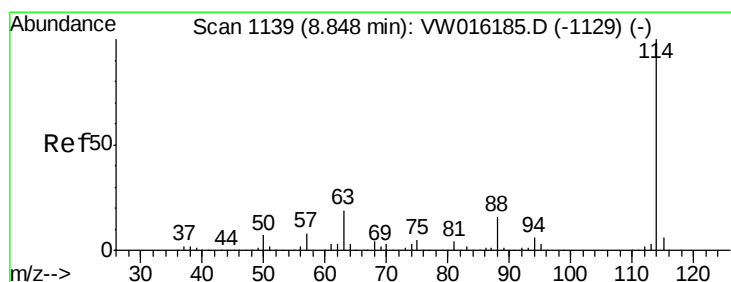
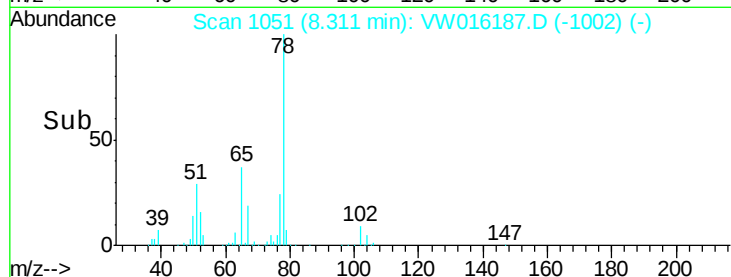
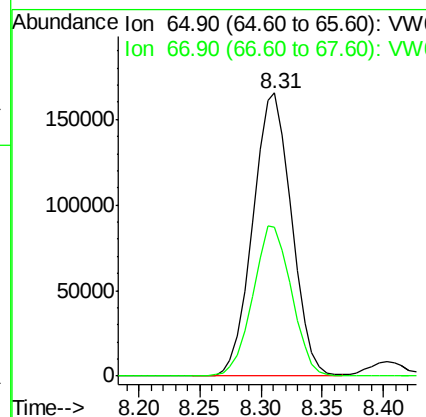
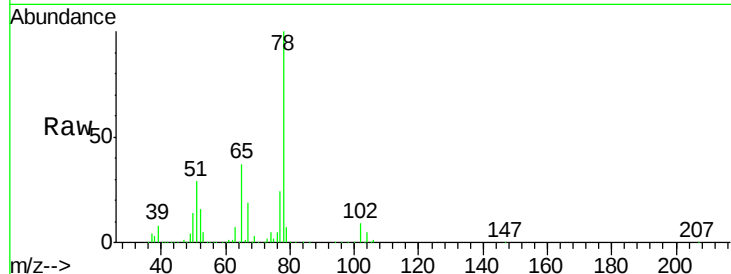
#33
 1,2-Dichloroethane-d4
 Concen: 137.113 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	364786		
67	52.8	0.0	105.6	

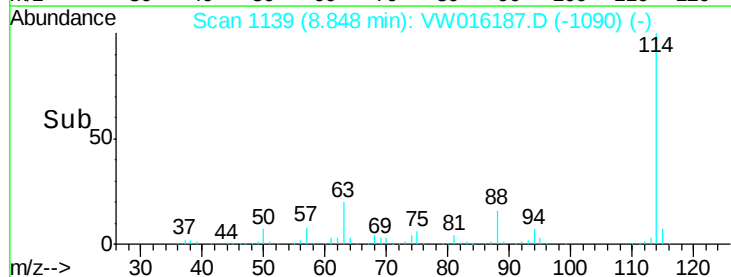
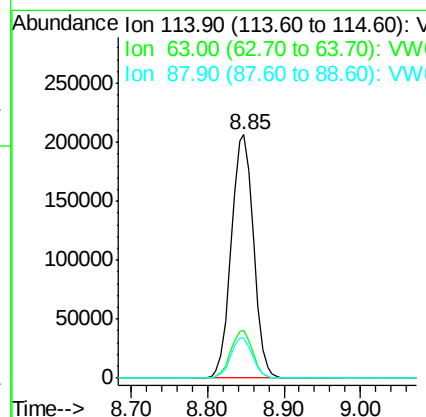
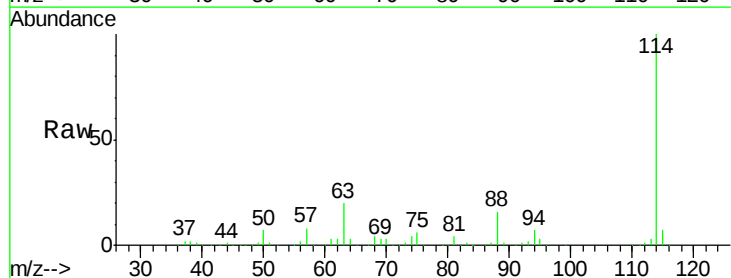
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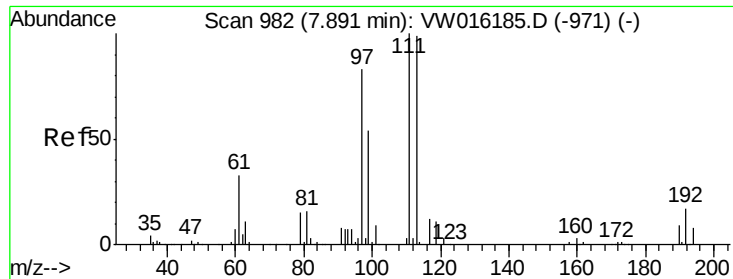
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	412656		
63	19.6	0.0	38.4	
88	16.4	0.0	32.8	





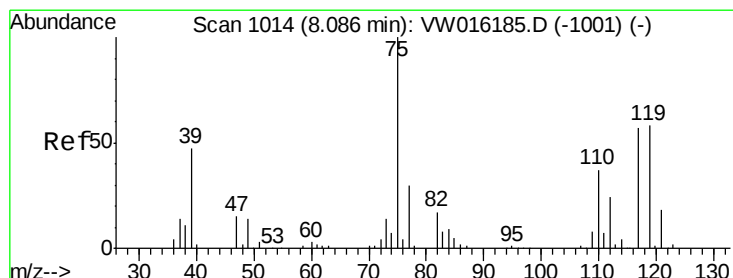
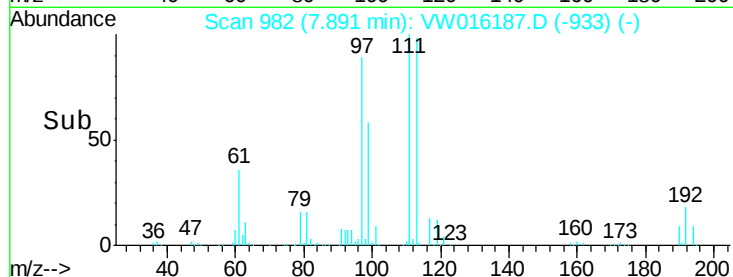
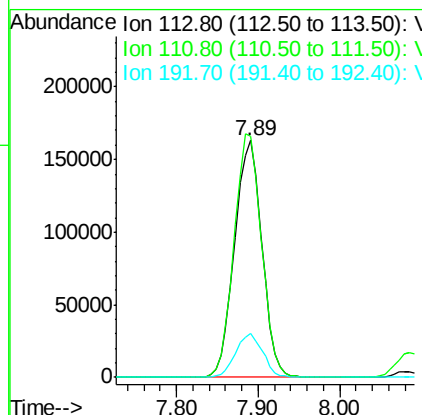
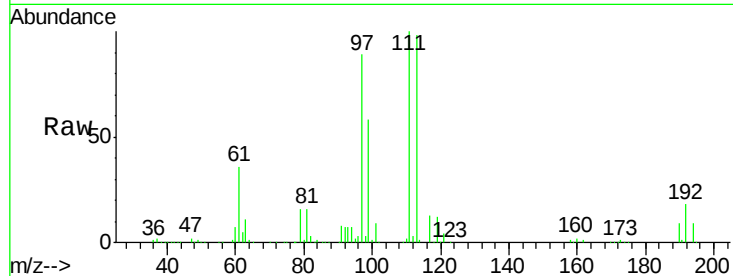
#35
 Dibromofluoromethane
 Concen: 152.278 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	376729		
111	103.1	83.5	125.3	
192	18.2	14.3	21.5	

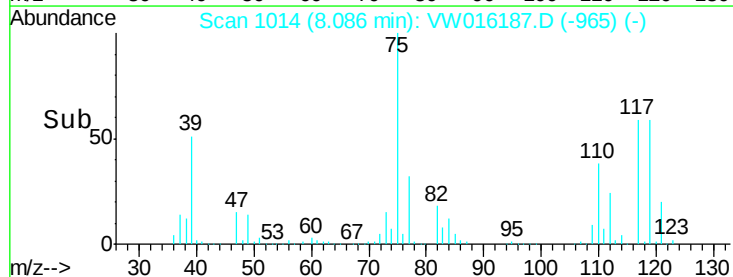
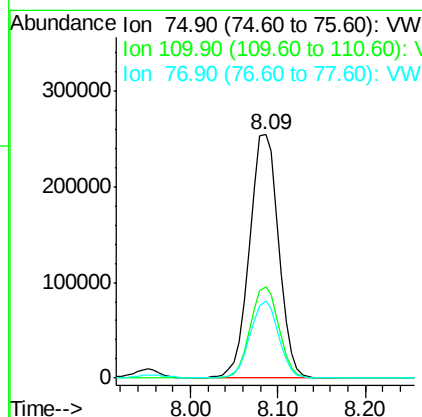
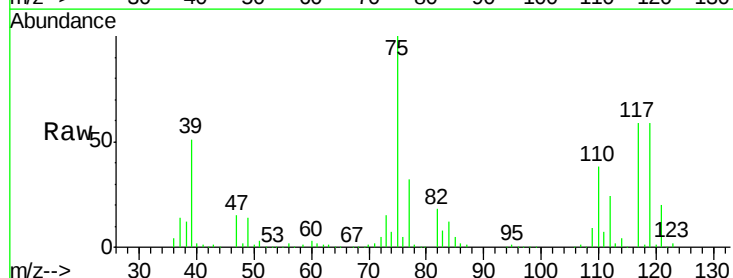
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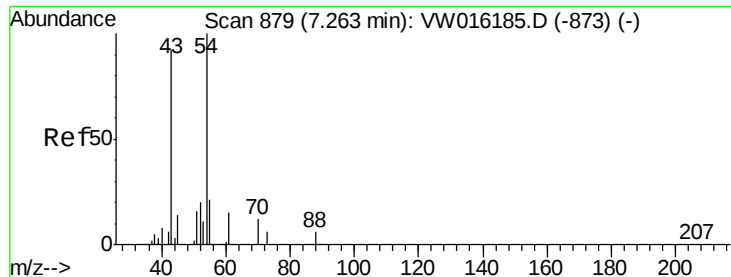
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#36
 1,1-Dichloropropene
 Concen: 146.132 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	588965		
110	36.8	18.1	54.3	
77	31.0	24.7	37.1	





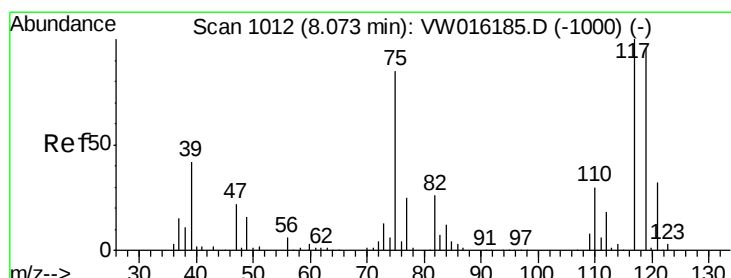
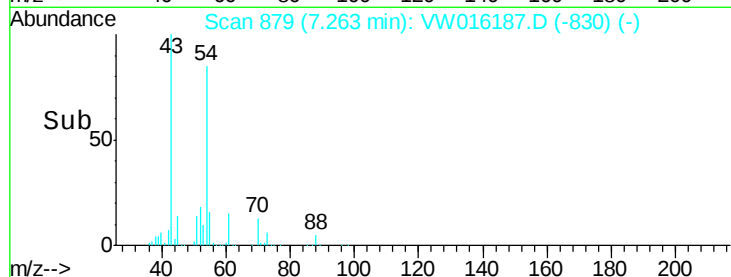
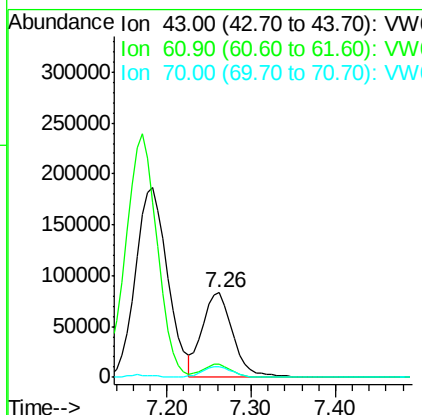
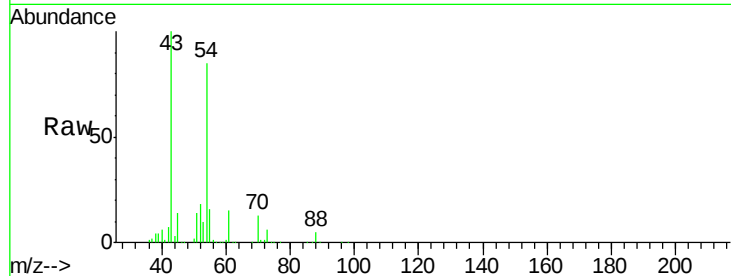
#37
Ethyl Acetate
Concen: 134.758 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.6	18.8
70	12.7	9.8	14.8

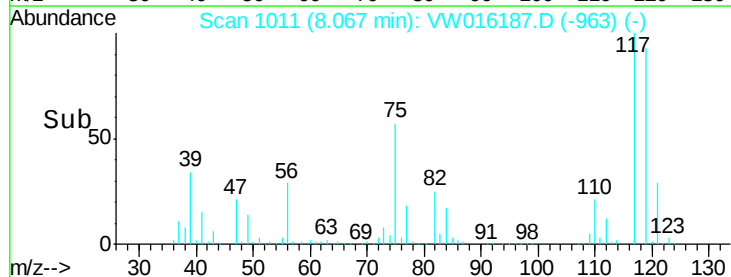
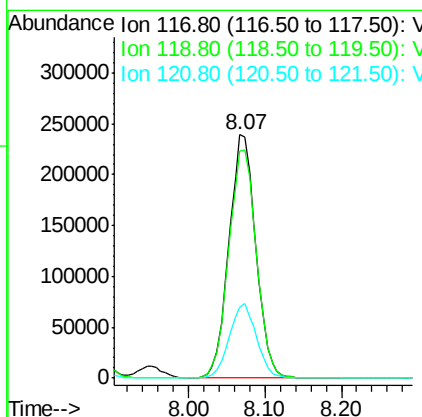
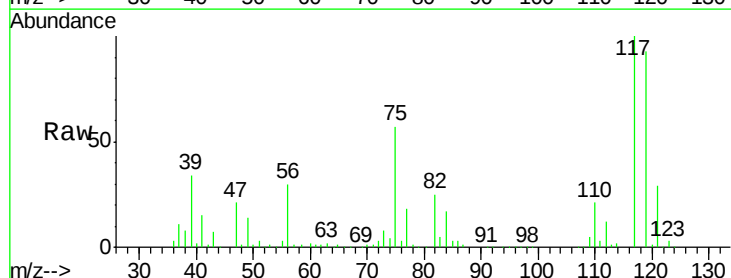
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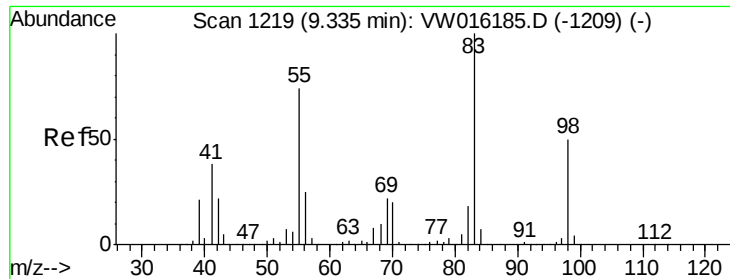
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#38
Carbon Tetrachloride
Concen: 148.408 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.6	115.0
121	29.0	25.4	38.0





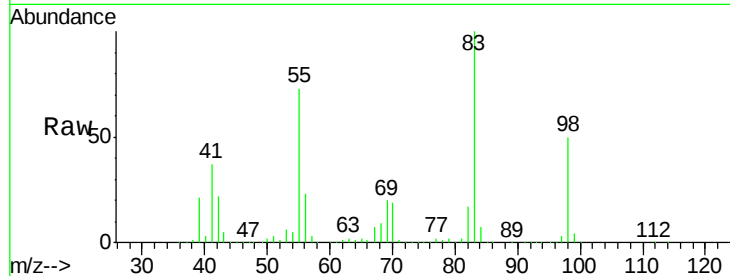
#39
Methvlcvclohexane
Concen: 157.870 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.5	59.2	88.8
98	49.6	40.2	60.2

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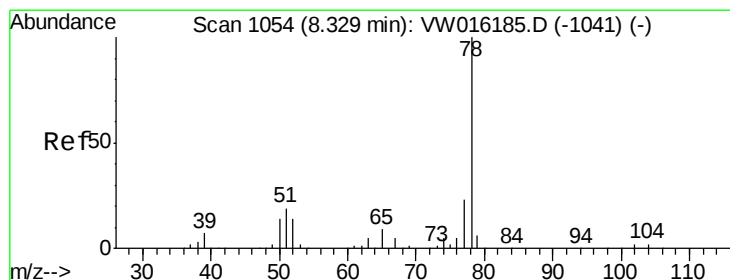
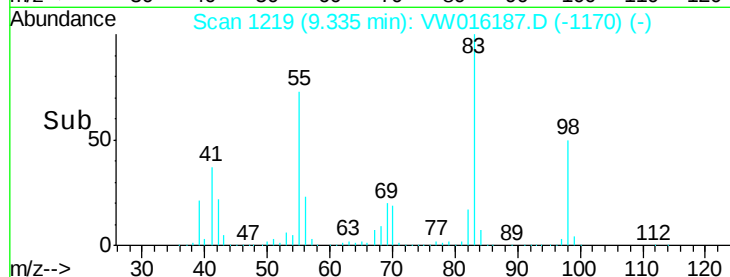
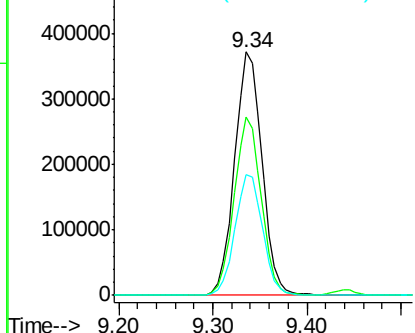


Abundance

Ion 83.00 (82.70 to 83.70): VW

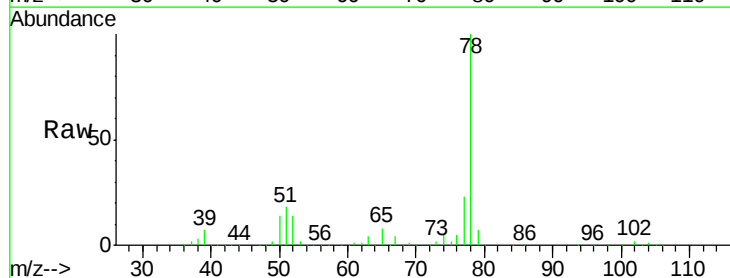
Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40
Benzene
Concen: 149.059 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

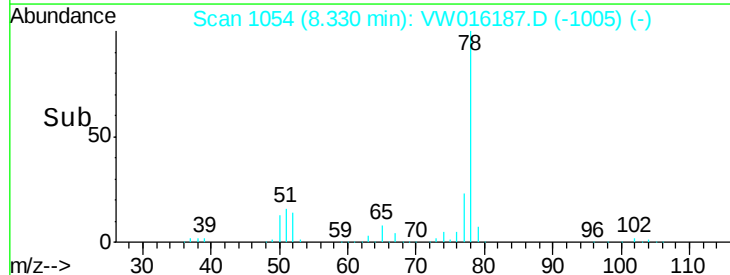
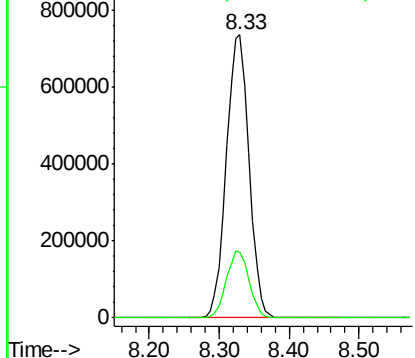
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0

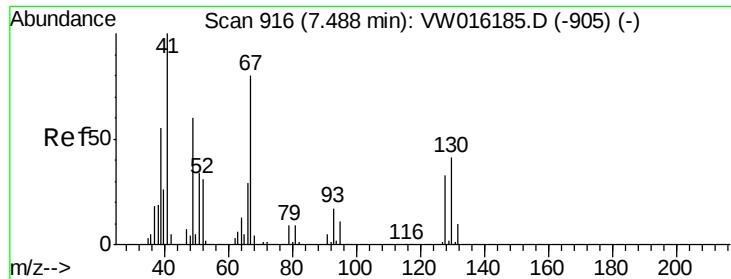


Abundance

Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





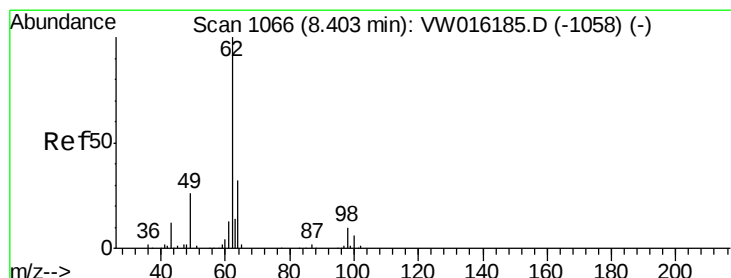
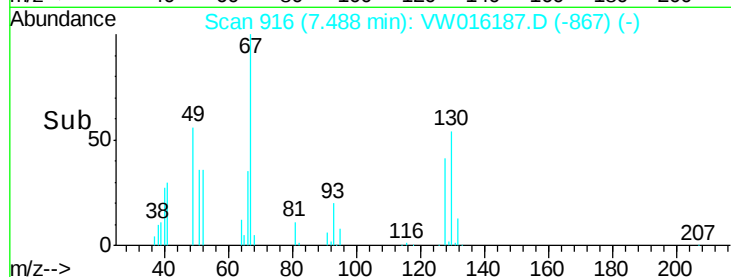
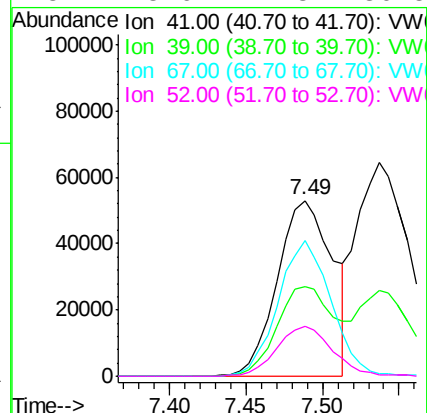
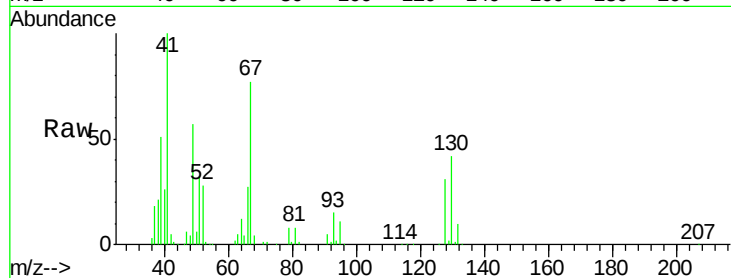
#41
Methacrylonitrile
Concen: 150.096 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		132923		
39	51.7	43.4	65.2		
67	74.2	61.5	92.3		
52	28.6	24.3	36.5		

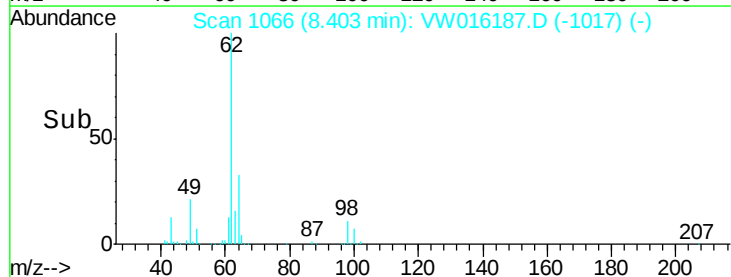
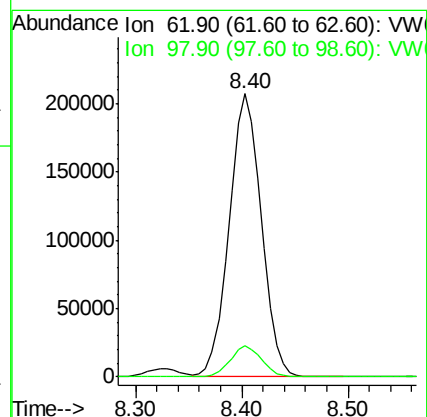
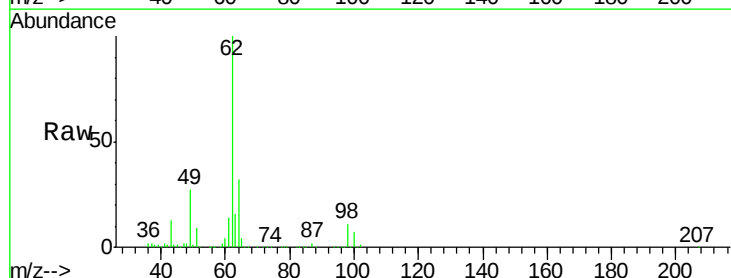
Manual Integrations
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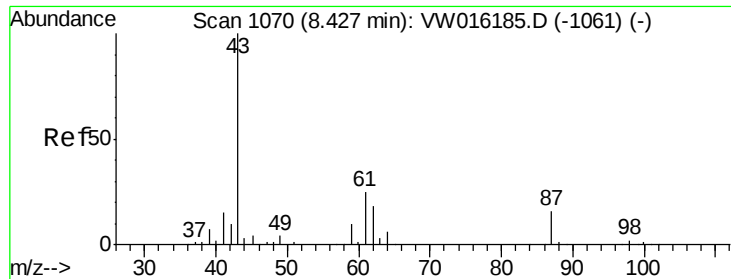
MMDadoda
8/17/2020 5:46:31 PM



#42
1,2-Dichloroethane
Concen: 129.892 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		438511		
98	10.7	0.0	20.8		





#43

Isopropyl Acetate

Concen: 137.730 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

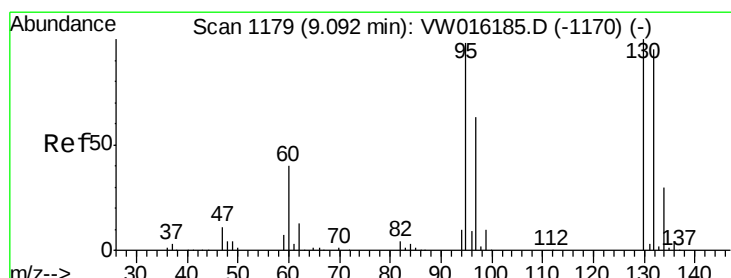
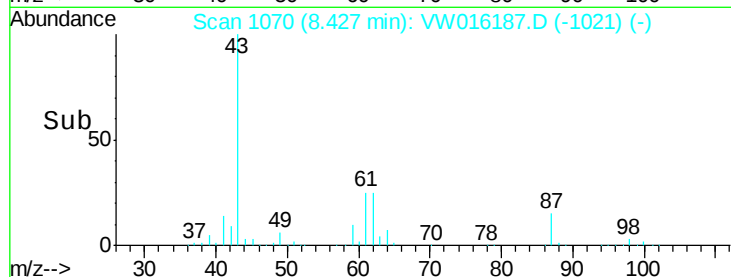
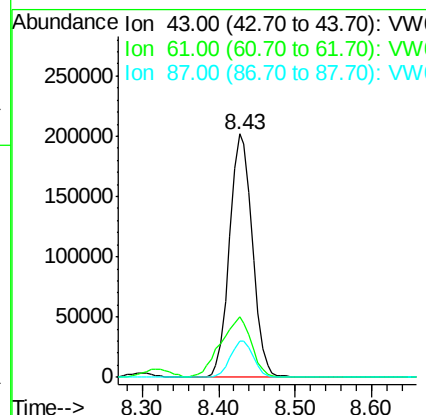
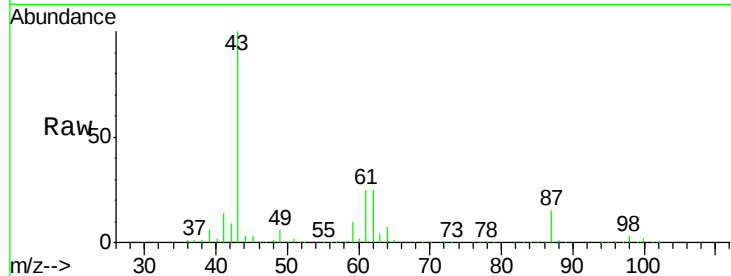
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	415253
Ion	Ratio	Lower	Upper
43	100		
61	33.4	26.9	40.3
87	15.1	12.0	18.0

Manual Integrations
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8/17/2020 5:46:31 PM



#44

Trichloroethene

Concen: 155.271 ug/l

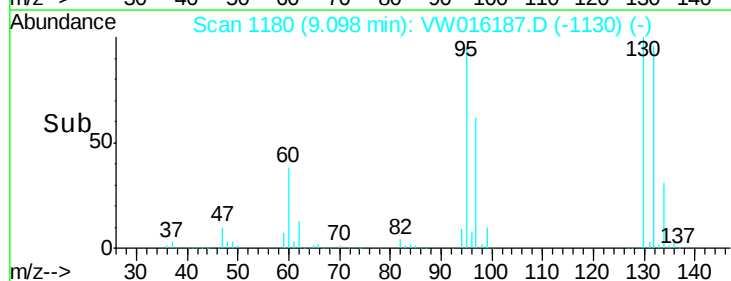
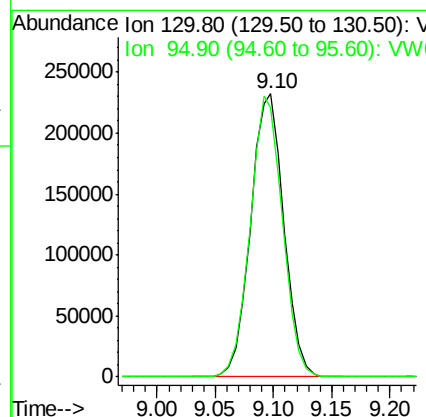
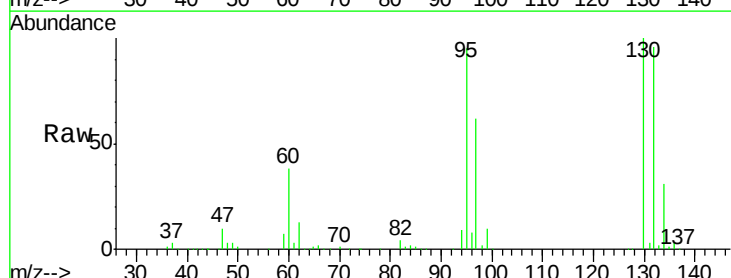
RT: 9.10 min Scan# 1180

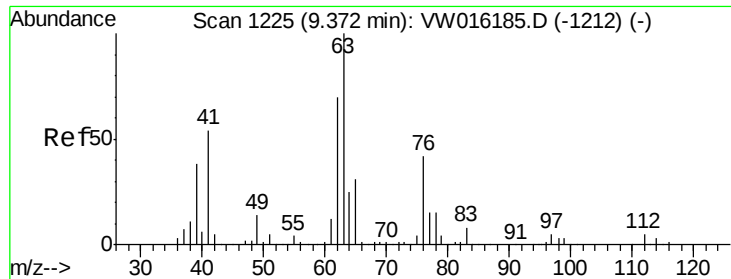
Delta R.T. 0.01 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Tgt Ion:	130	Resp:	459093
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	196.4





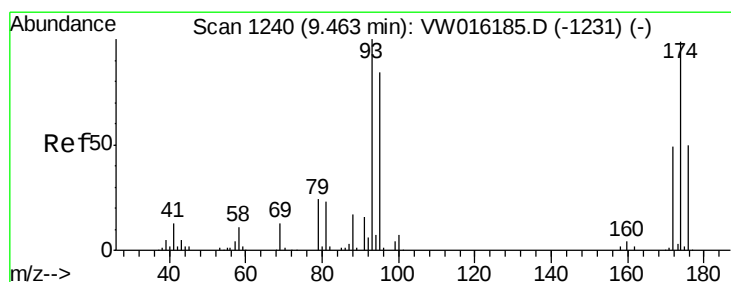
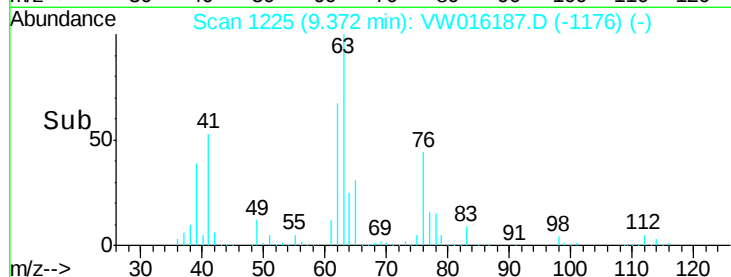
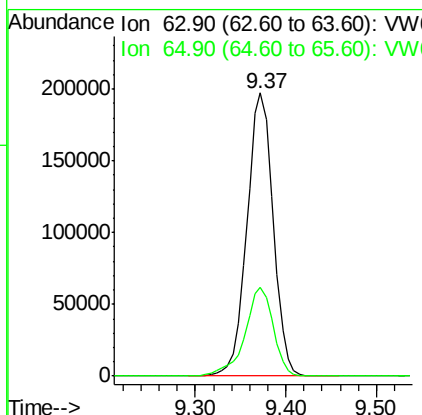
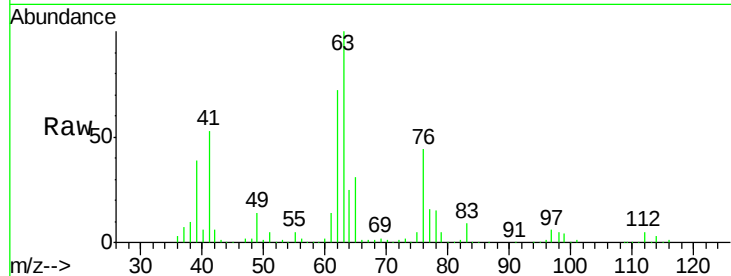
#45
 1,2-Dichloropropane
 Concen: 145.382 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.0	37.6

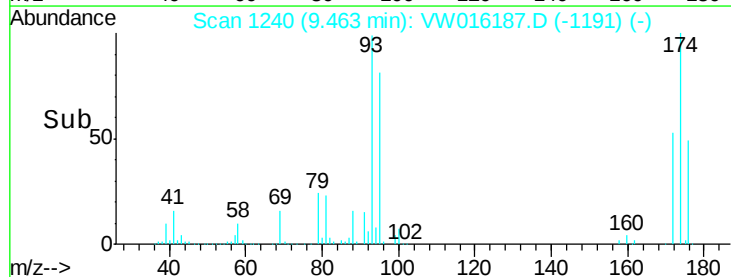
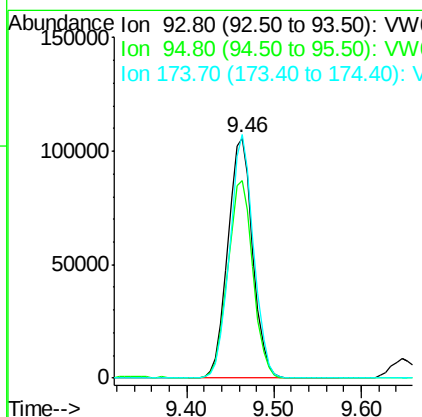
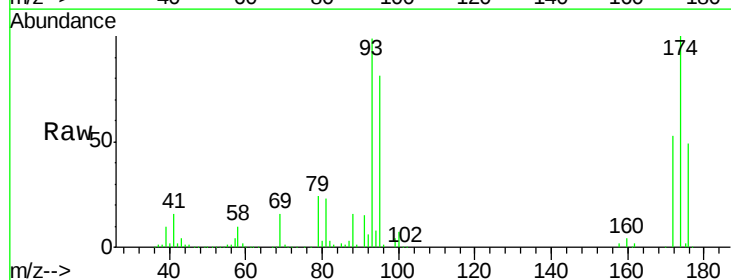
Manual Integrations
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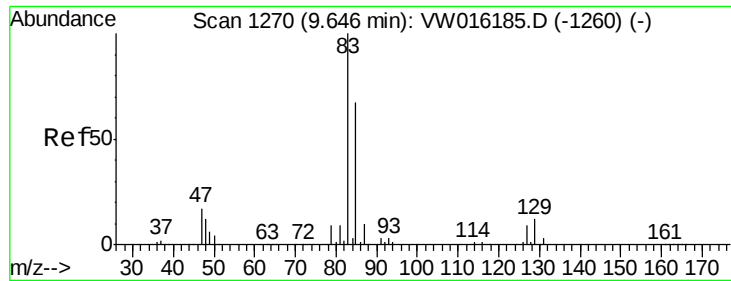
MMDadoda
 8/17/2020 5:46:31 PM



#46
 Dibromomethane
 Concen: 148.653 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.9	98.9
174	97.4	77.0	115.6





#47

Bromodichloromethane

Concen: 150.336 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

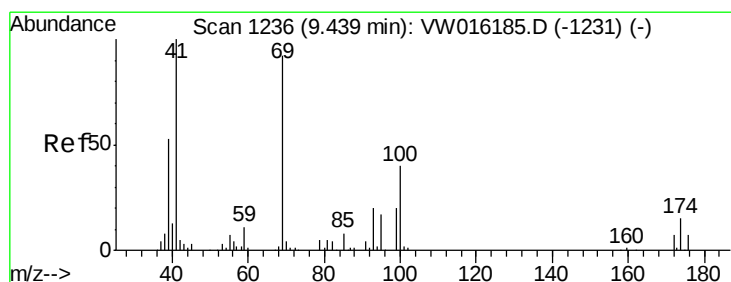
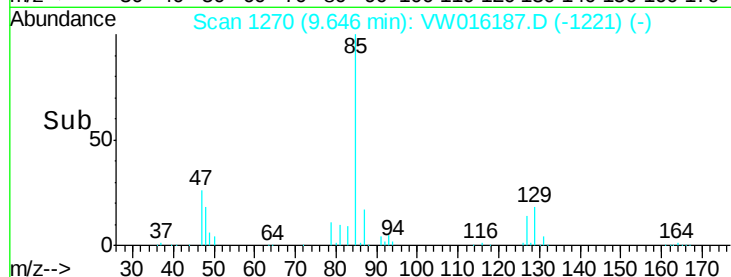
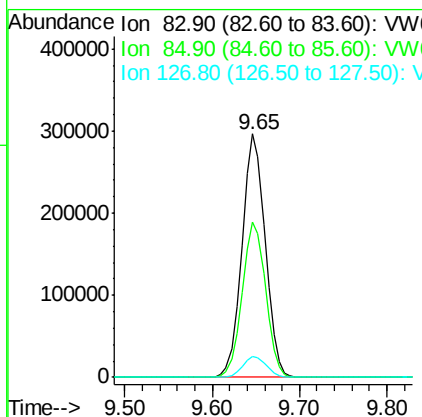
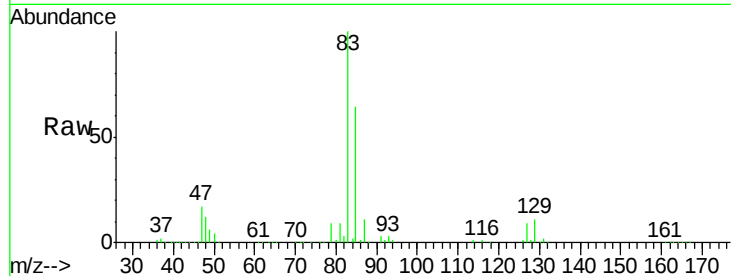
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	543427
Ion Ratio	Lower	Upper	
83	100		
85	63.5	53.3	79.9
127	8.6	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 144.797 ug/l

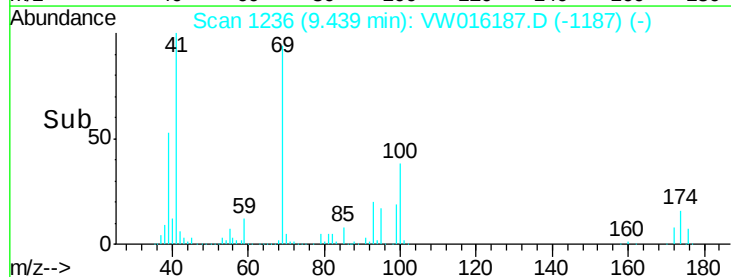
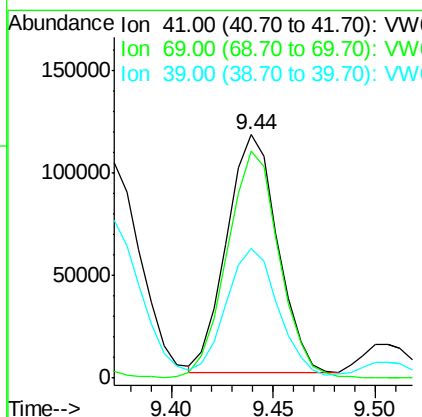
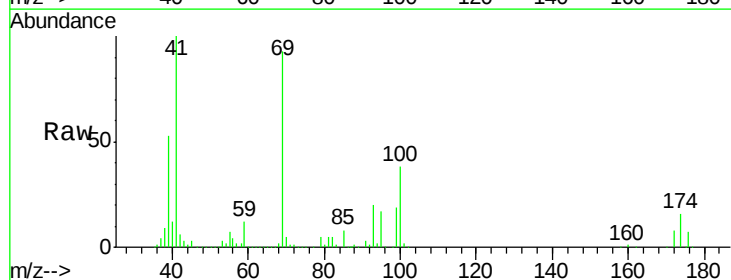
RT: 9.44 min Scan# 1236

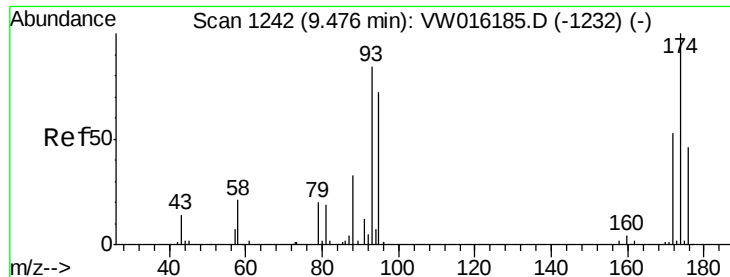
Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Tgt Ion:	41	Resp:	199497
Ion Ratio	Lower	Upper	
41	100		
69	98.8	77.4	116.0
39	53.5	42.2	63.2





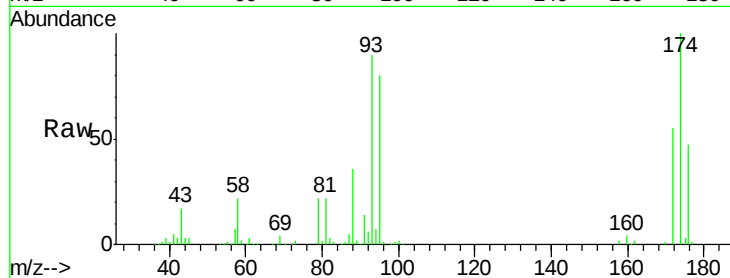
#49
1,4-Dioxane
Concen: 3276.211 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	88	Resp	57725
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	69.8	56.6	84.8

Manual Integrations
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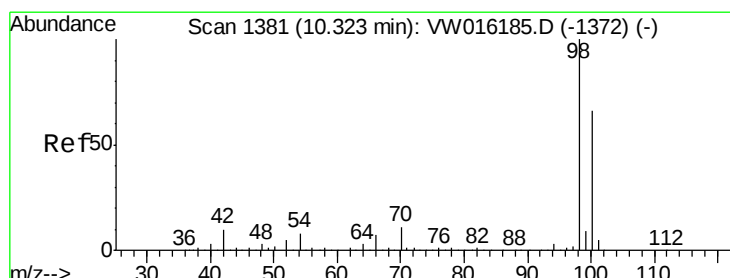
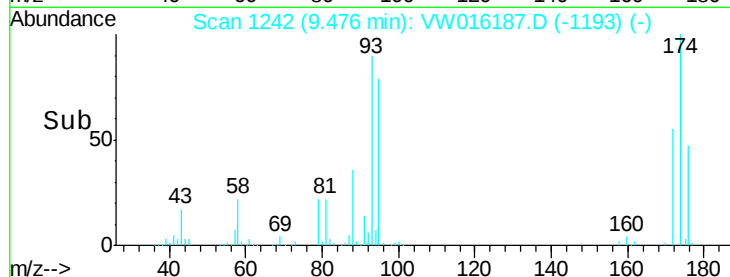
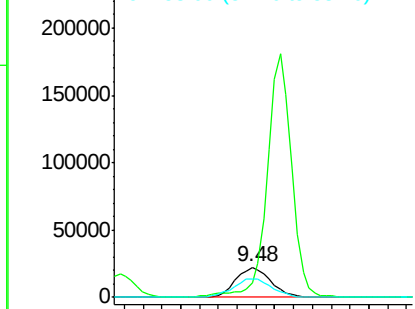


Abundance

Ion 88.00 (87.70 to 88.70): VW

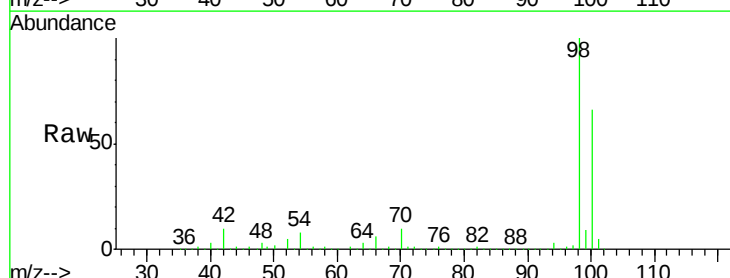
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 157.447 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

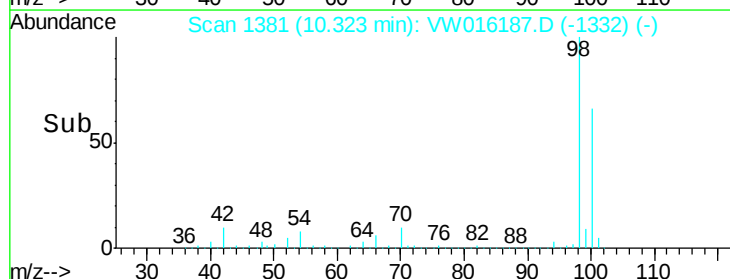
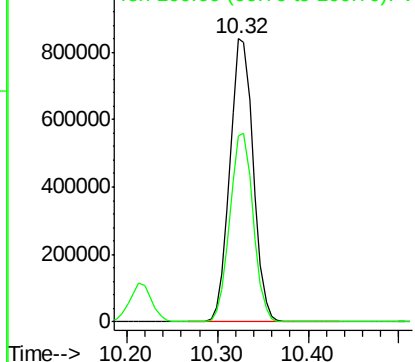
Tgt Ion	98	Resp	1498878
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.5	80.3

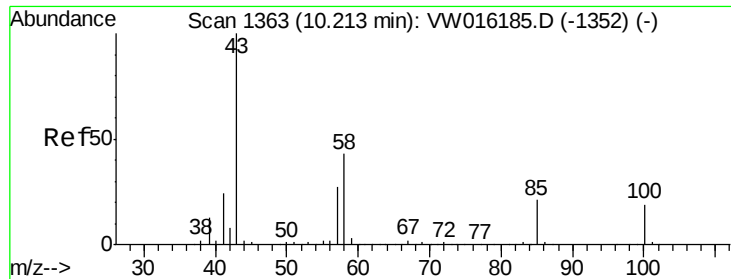


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 697.883 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1030896

Ion Ratio Lower Upper

43 100

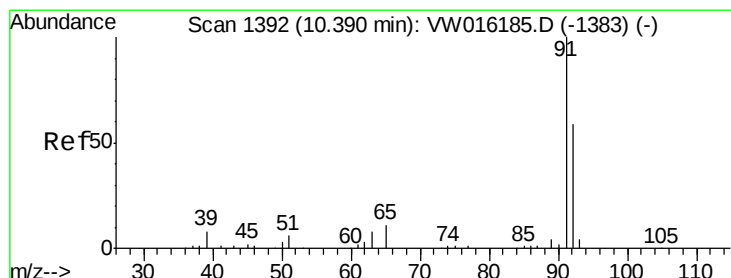
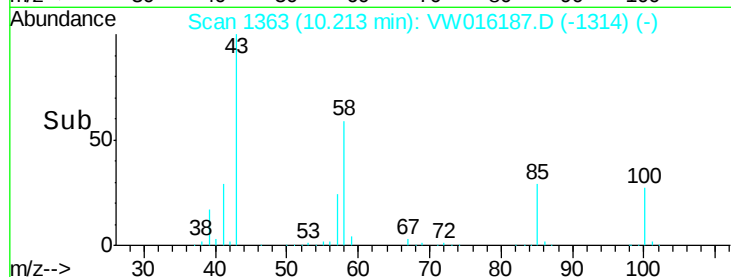
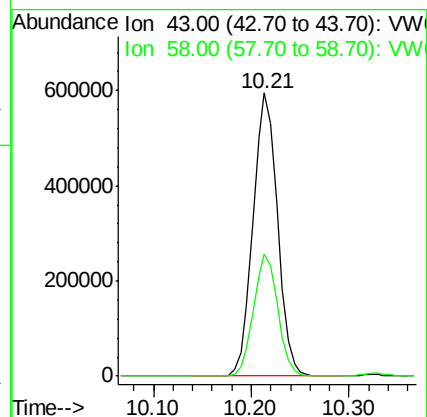
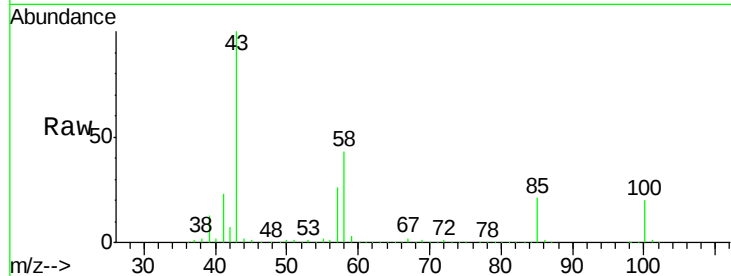
58 42.6 33.7 50.5

Manual Integrations

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#52

Toluene

Concen: 148.383 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016187.D

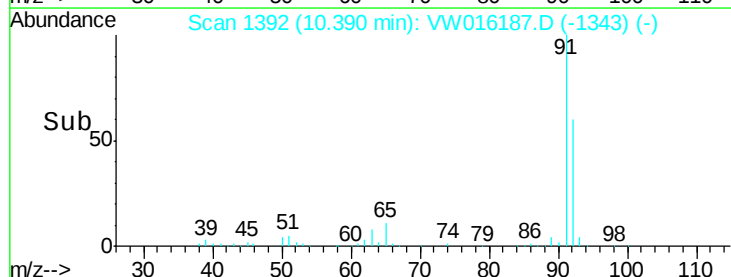
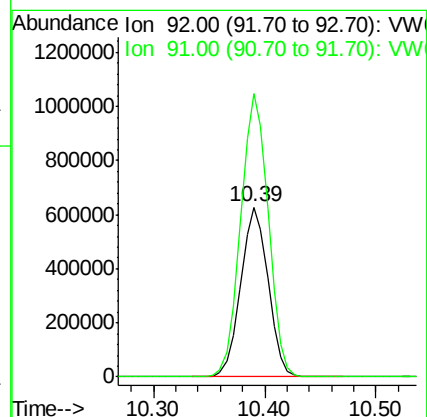
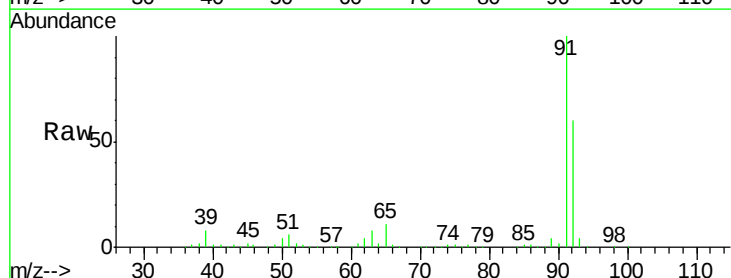
Acq: 14 Aug 2020 11:48

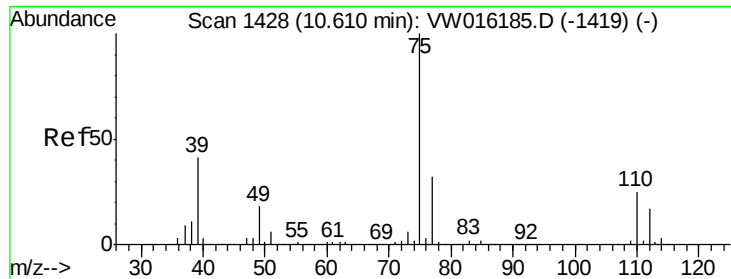
Tgt Ion: 92 Resp: 1061194

Ion Ratio Lower Upper

92 100

91 169.2 133.3 199.9





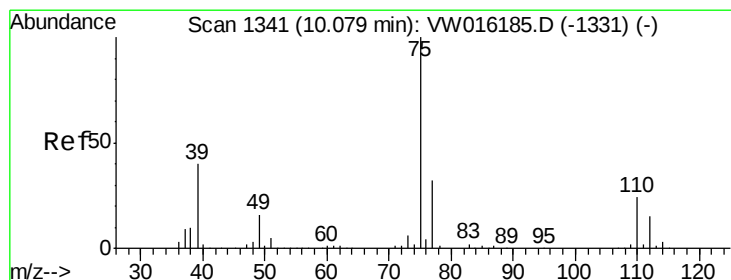
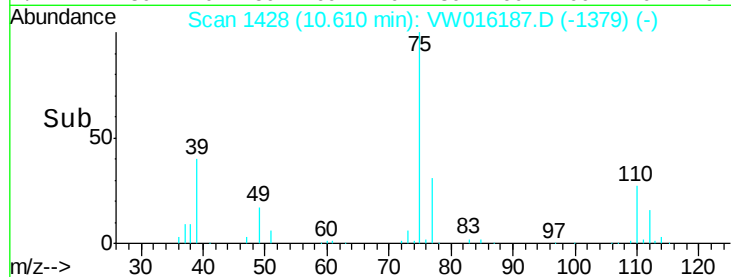
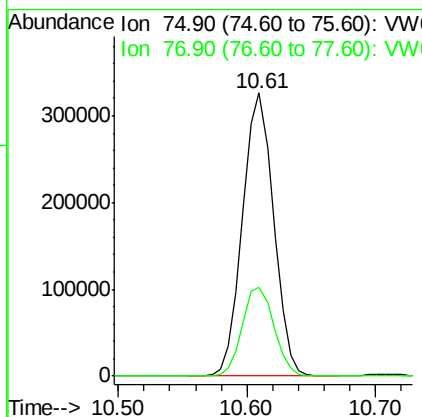
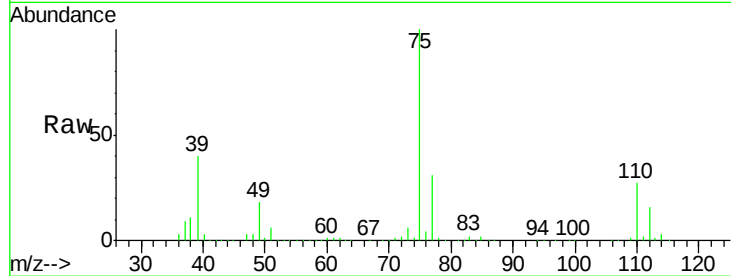
#53
 t-1,3-Dichloropropene
 Concen: 157.542 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 75 Resp: 544849
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.6 38.4

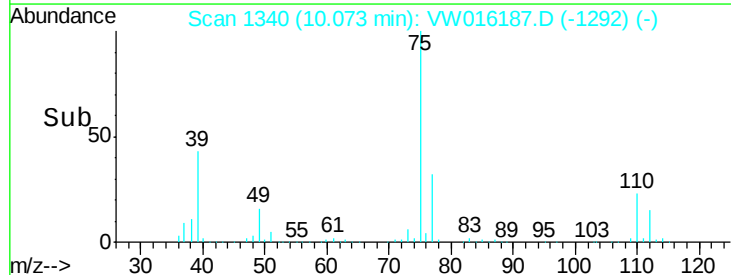
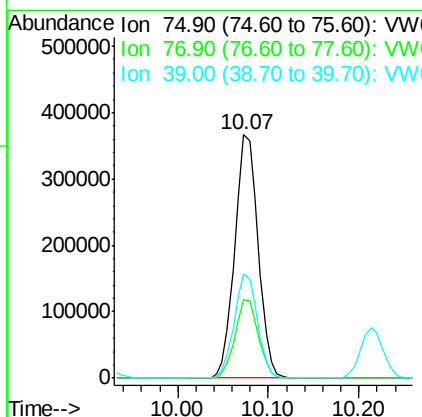
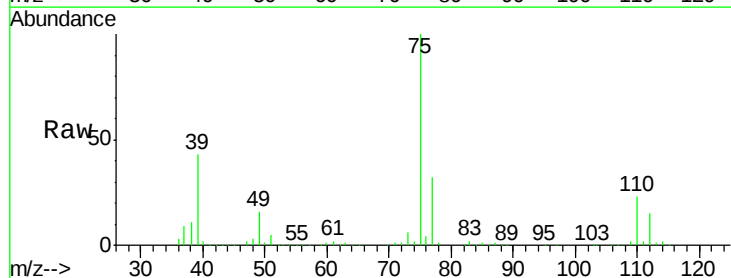
Manual Integrations
 APPROVED

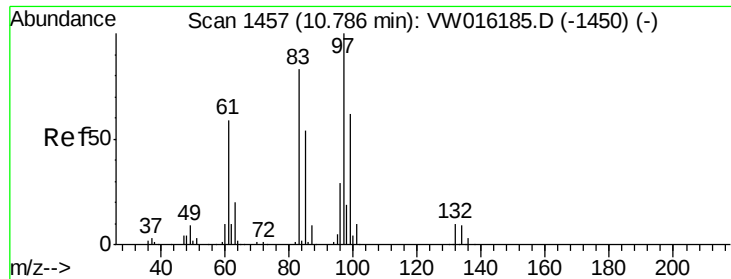
MMDadoda
 8/17/2020 5:46:31 PM



#54
 cis-1,3-Dichloropropene
 Concen: 157.417 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion: 75 Resp: 655531
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9
 39 42.6 32.3 48.5





#55

1,1,2-Trichloroethane

Concen: 153.480 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.01 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

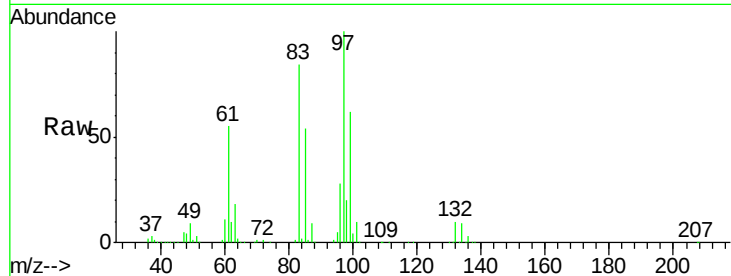
ClientSampled :

VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		299422		
83	84.0	66.6	100.0		
85	53.8	43.0	64.4		
99	62.2	49.4	74.2		

Manual Integrations
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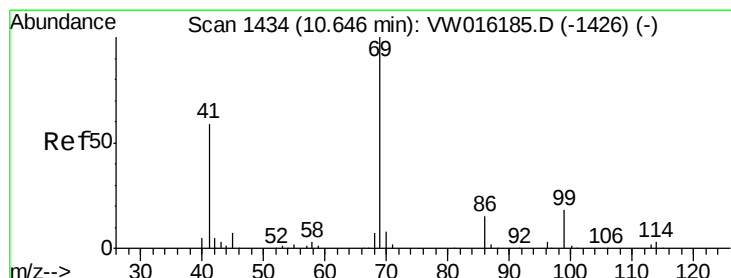
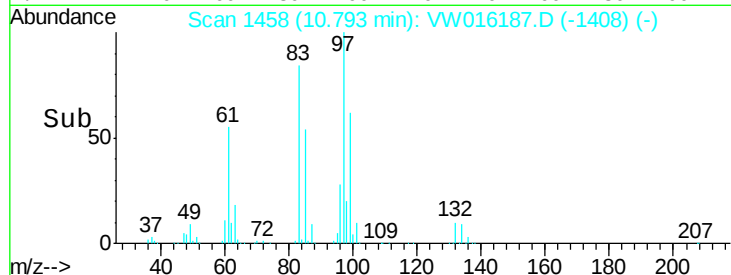
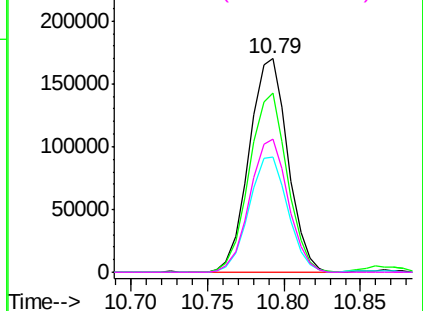
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 160.610 ug/l

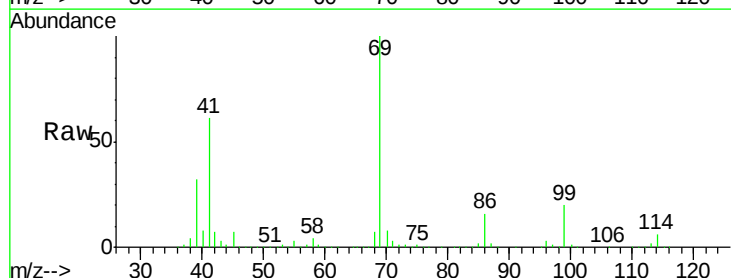
RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		385147		
41	60.4	47.6	71.4		
39	27.0	24.6	36.8		

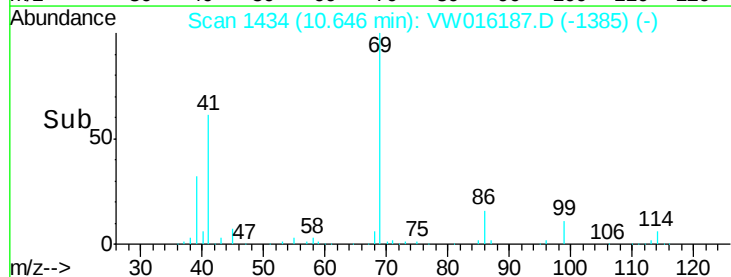
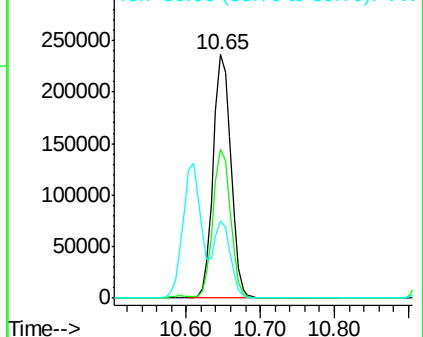


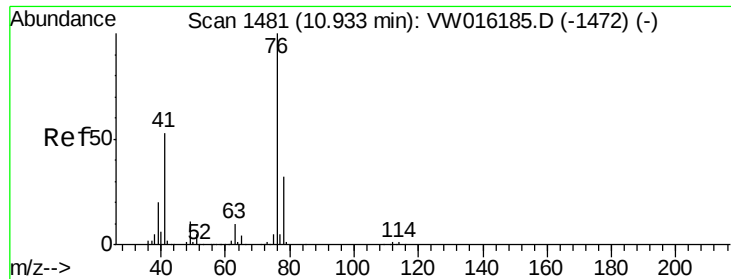
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





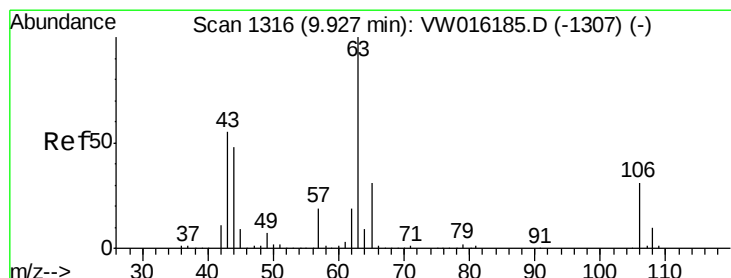
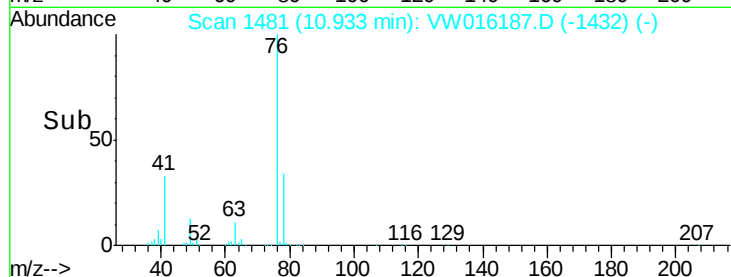
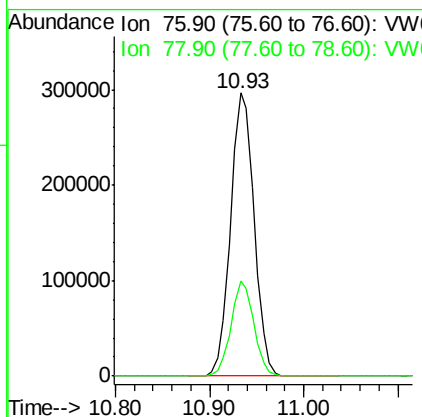
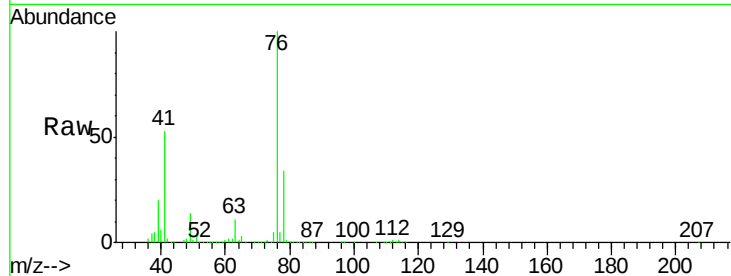
#57
 1,3-Dichloropropane
 Concen: 148.624 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 76 Resp: 512621
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8

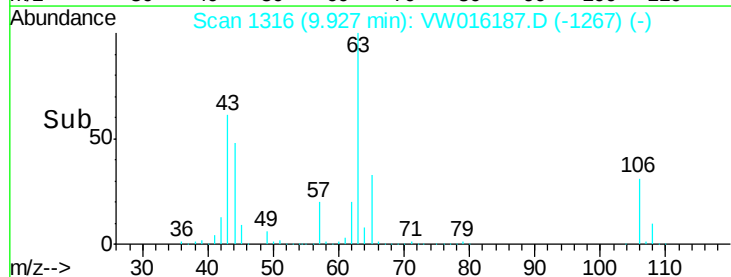
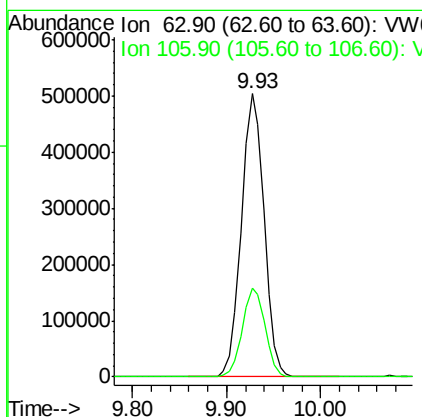
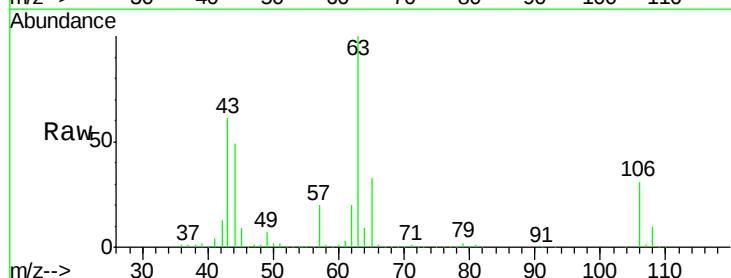
Manual Integrations
 APPROVED

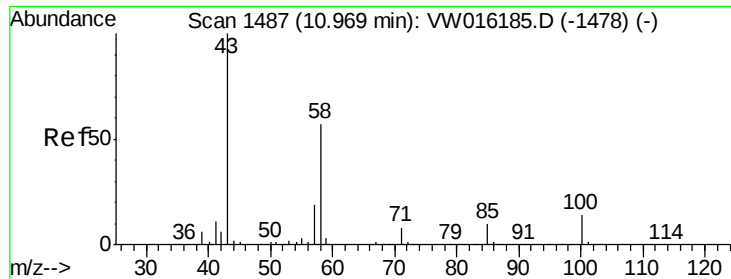
MMDadoda
 8/17/2020 5:46:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 730.501 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion: 63 Resp: 846147
 Ion Ratio Lower Upper
 63 100
 106 31.4 24.9 37.3





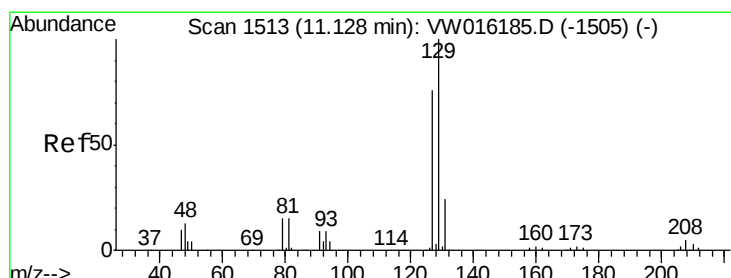
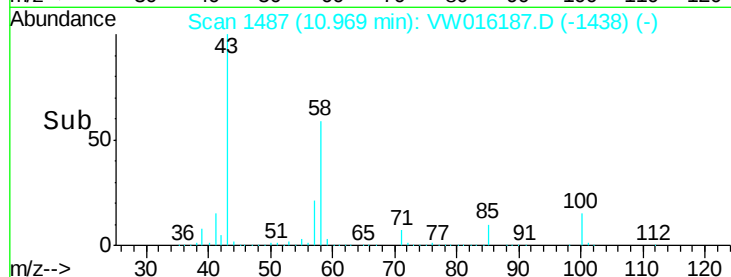
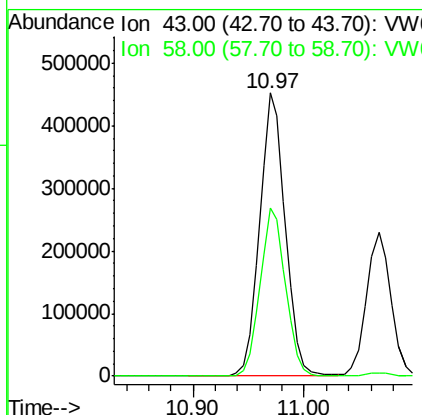
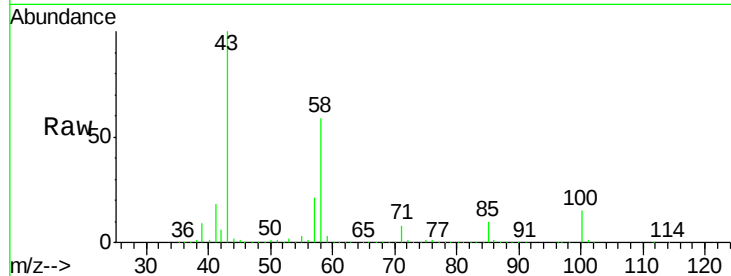
#59
2-Hexanone
Concen: 734.444 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 725881
Ion Ratio Lower Upper
43 100
58 58.9 28.8 86.5

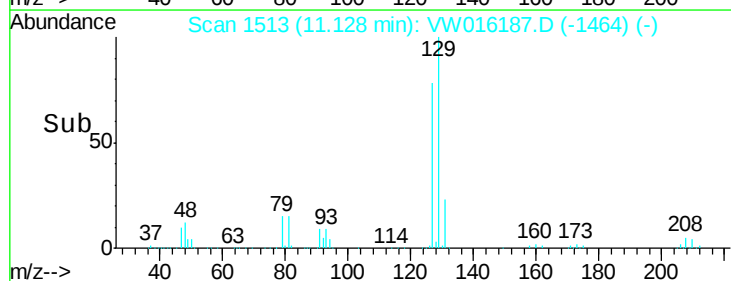
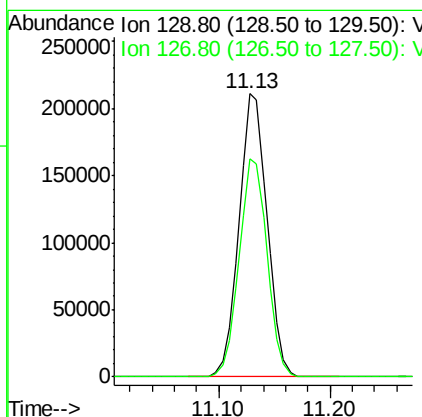
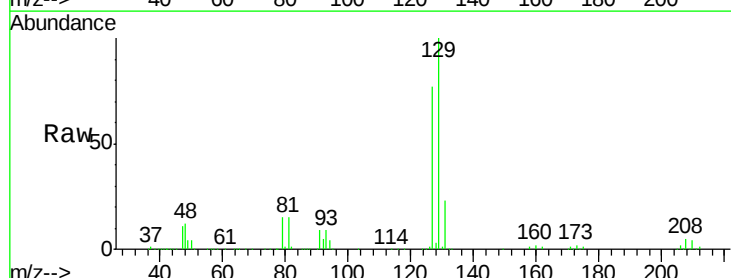
Manual Integrations
APPROVED

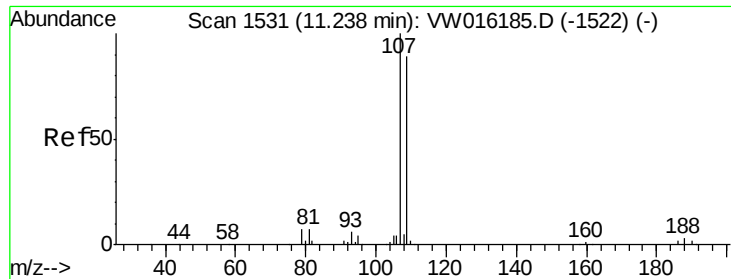
MMDadoda
8/17/2020 5:46:31 PM



#60
Dibromochloromethane
Concen: 162.016 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion: 129 Resp: 368136
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8





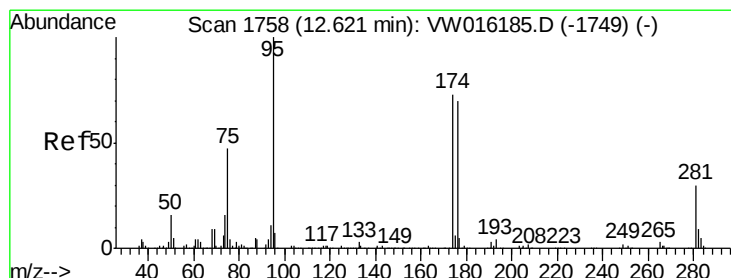
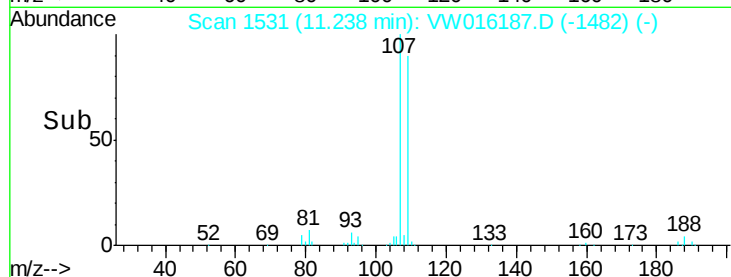
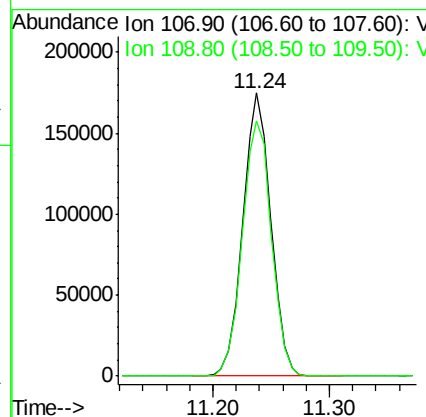
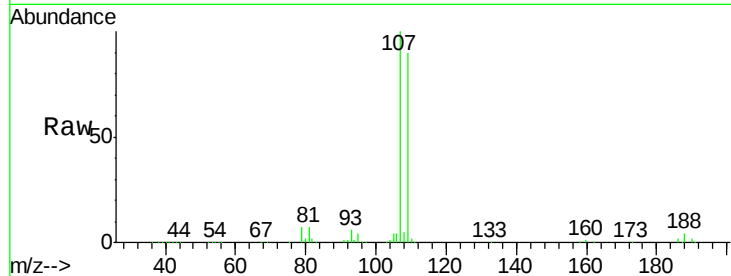
#61
 1,2-Dibromoethane
 Concen: 155.547 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
107	100	293196		
109	93.9	74.7	112.1	

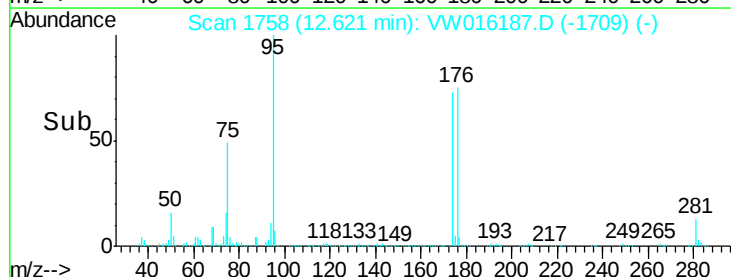
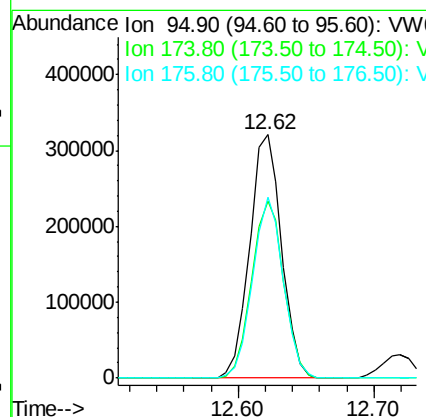
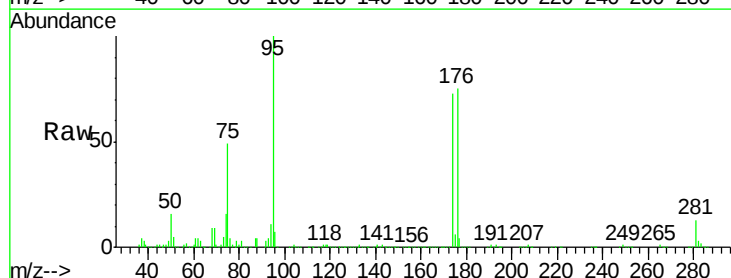
Manual Integrations
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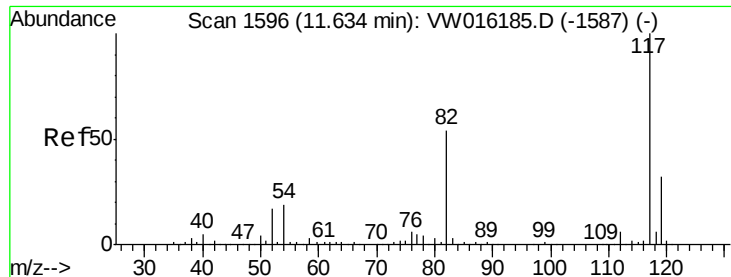
MMDadoda
 8/17/2020 5:46:31 PM



#62
 4-Bromofluorobenzene
 Concen: 152.226 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	525496		
174	73.2	0.0	145.6	
176	71.9	0.0	137.8	





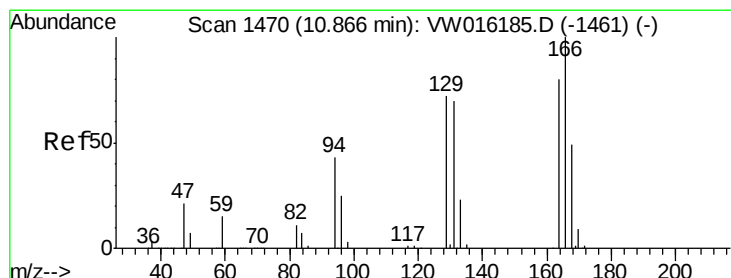
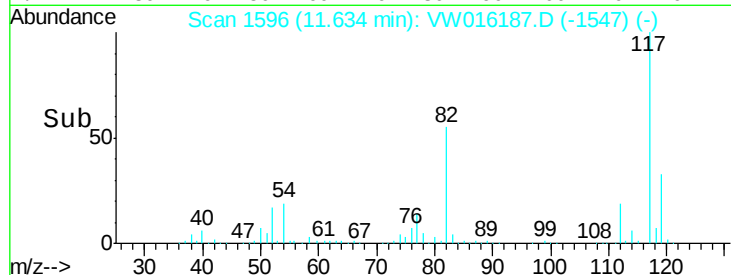
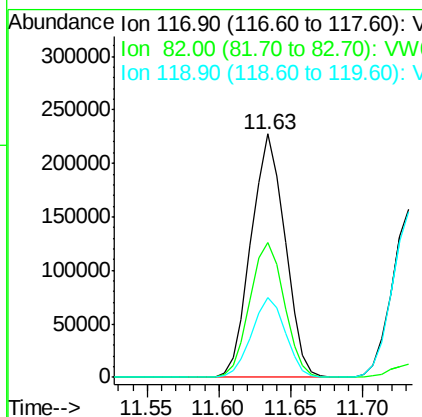
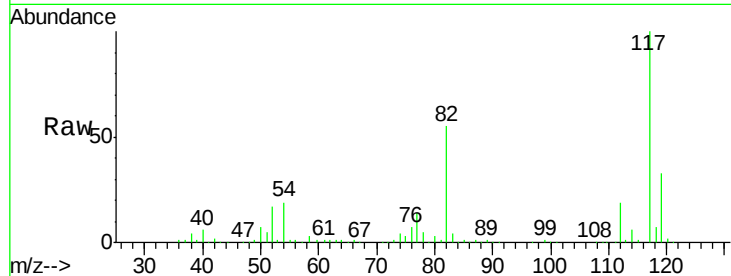
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	370647		
82	55.3	43.6	65.4	
119	32.6	25.4	38.0	

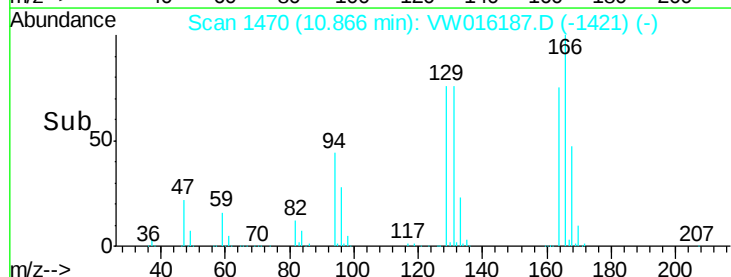
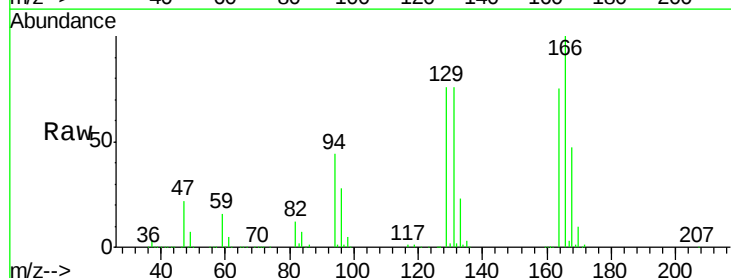
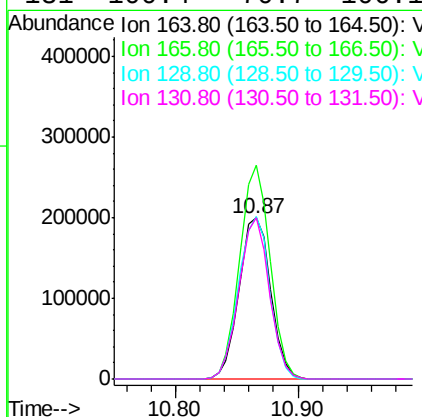
Manual Integrations
APPROVED

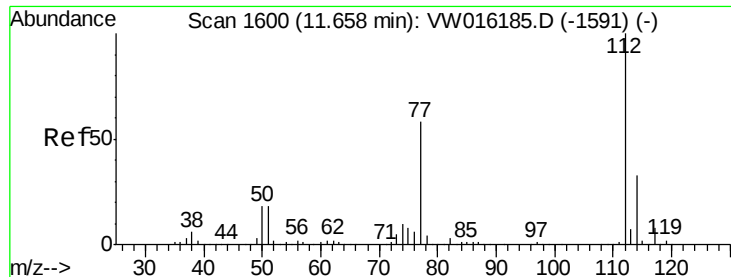
MMDadoda
8/17/2020 5:46:31 PM



#64
Tetrachloroethene
Concen: 152.614 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	357523		
166	132.9	100.3	150.5	
129	101.2	72.2	108.4	
131	100.4	70.7	106.1	





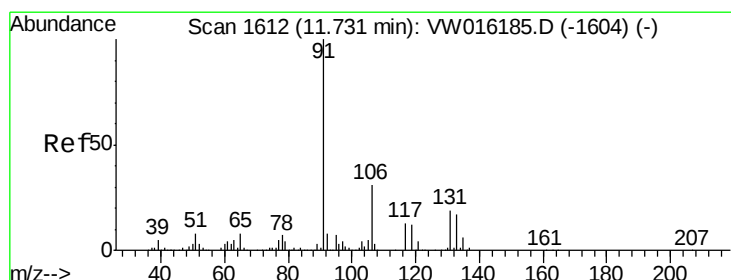
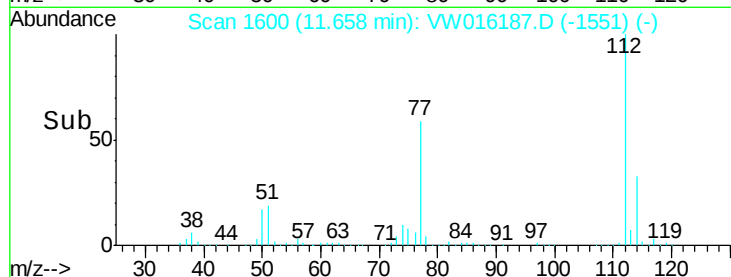
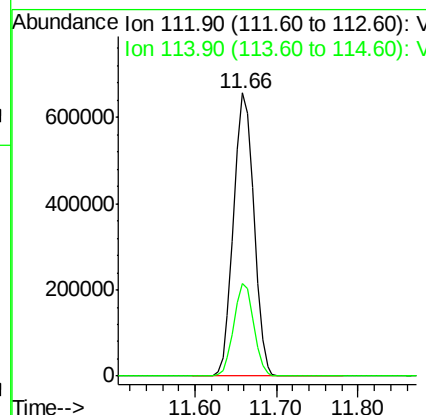
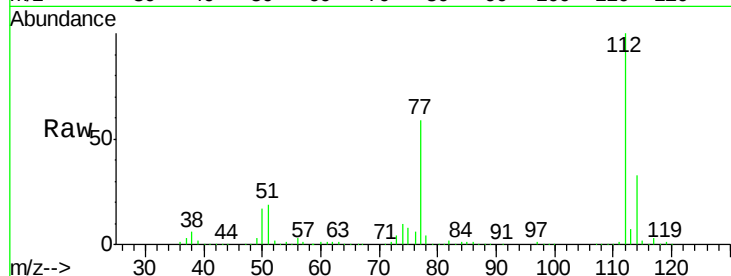
#65
Chlorobenzene
Concen: 155.208 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1120806
Ion Ratio Lower Upper
112 100
114 32.5 26.6 39.8

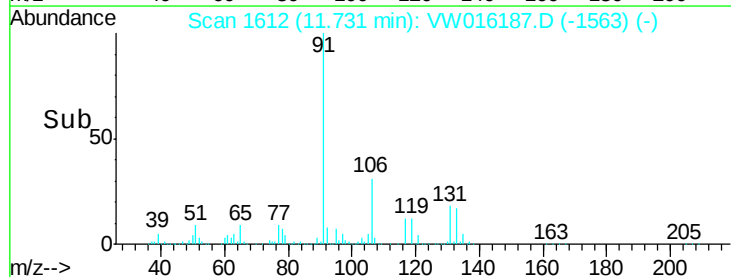
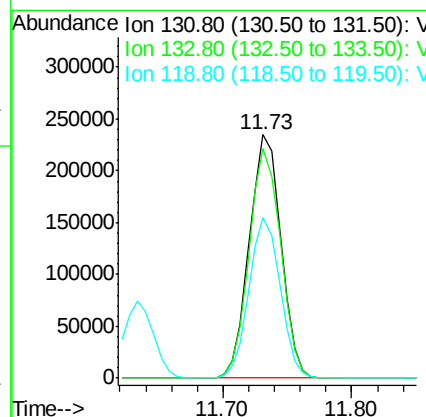
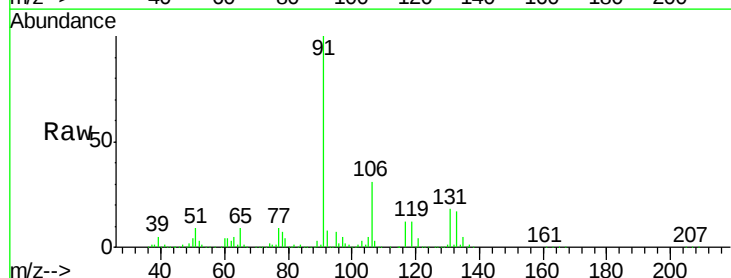
Manual Integrations
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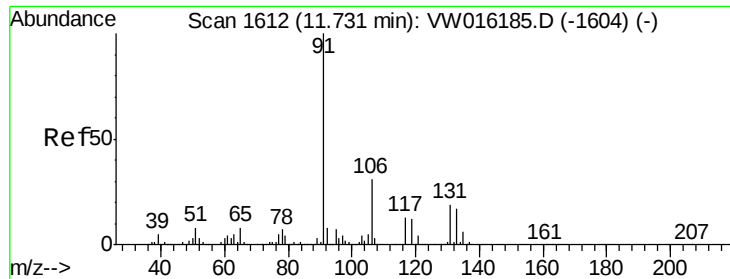
MMDadoda
8/17/2020 5:46:31 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 155.898 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion:131 Resp: 398070
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.3
119 65.1 33.1 99.3





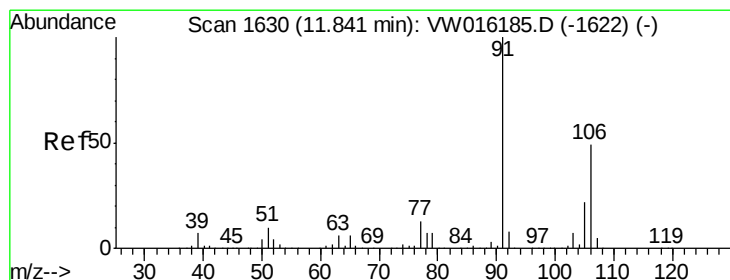
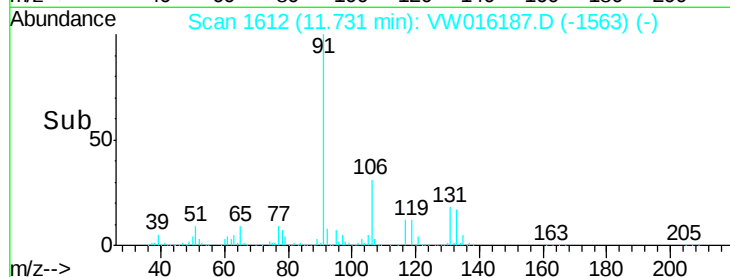
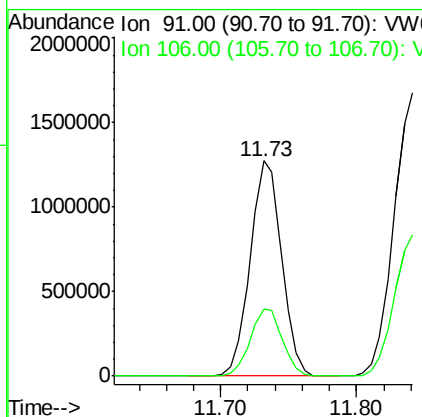
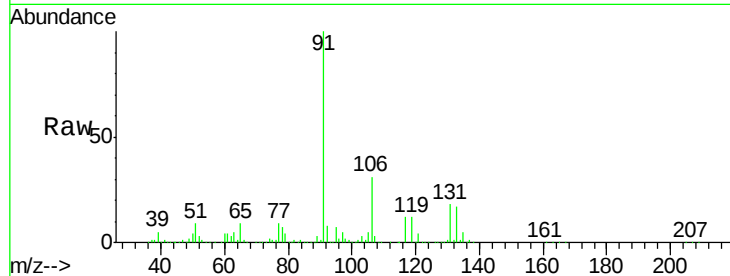
#67
Ethyl Benzene
Concen: 154.579 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2067279
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

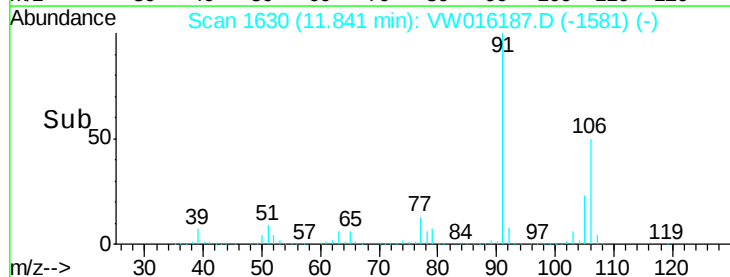
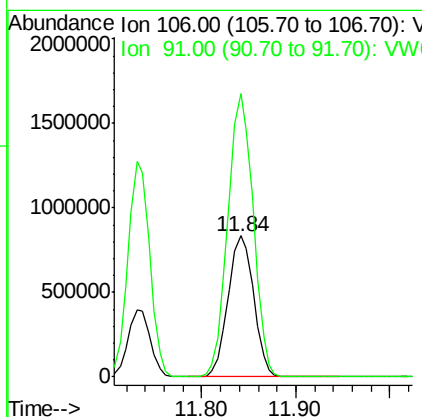
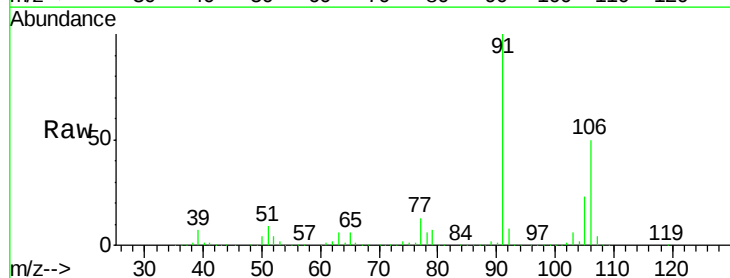
Manual Integrations
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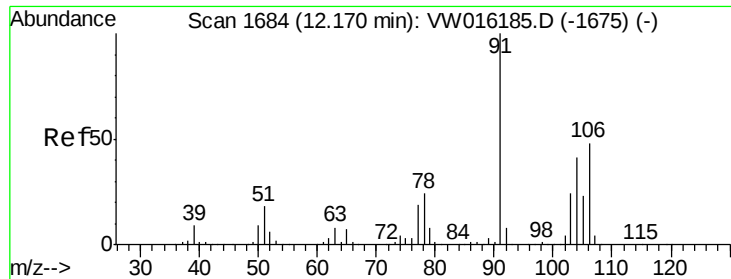
MMDadoda
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#68
m/p-Xylenes
Concen: 313.713 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion: 106 Resp: 1575998
Ion Ratio Lower Upper
106 100
91 198.9 161.4 242.2





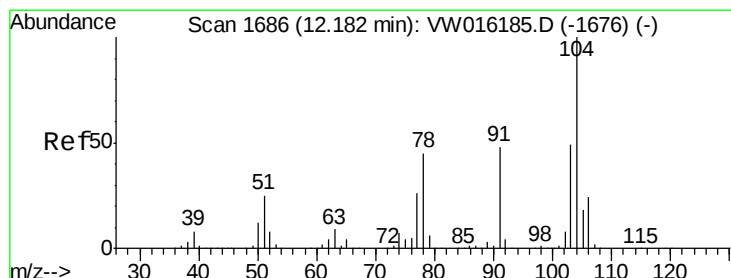
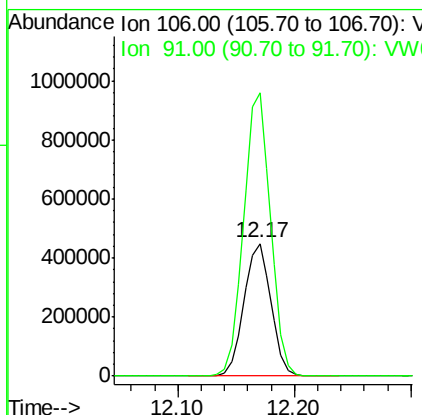
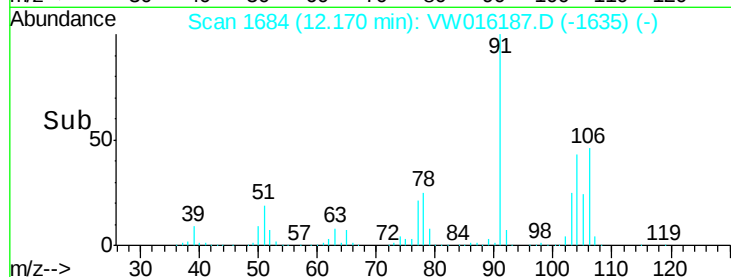
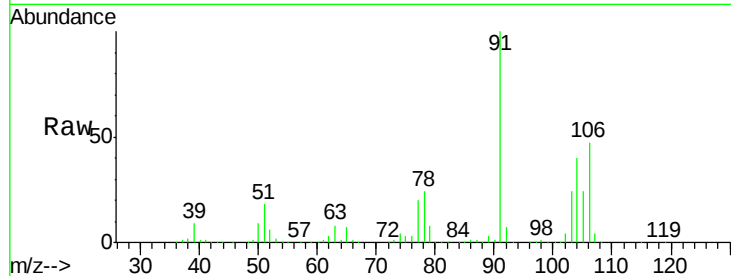
#69
o-Xylene
Concen: 158.401 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 725062
Ion Ratio Lower Upper
106 100
91 212.9 106.0 317.9

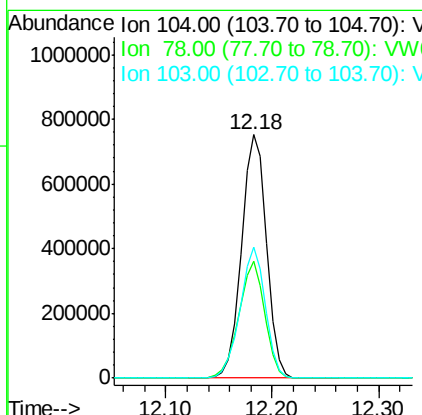
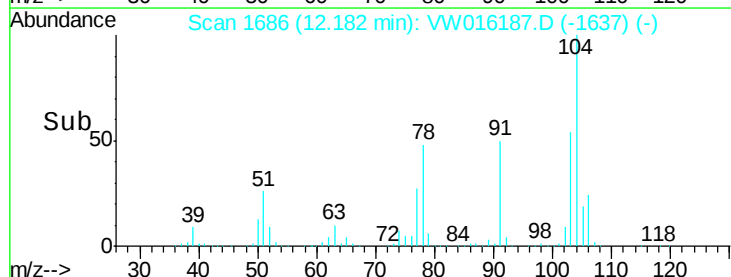
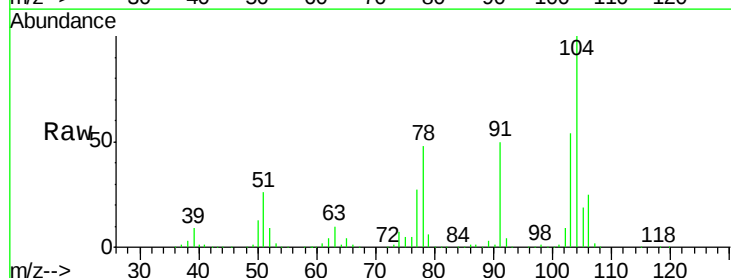
Manual Integrations
APPROVED

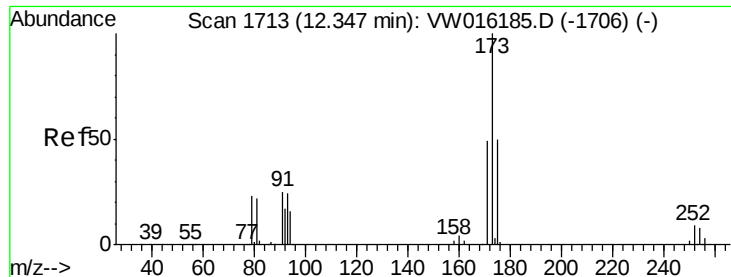
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#70
Styrene
Concen: 156.830 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion:104 Resp: 1236388
Ion Ratio Lower Upper
104 100
78 50.0 39.4 59.2
103 54.7 42.9 64.3





#71

Bromoform

Concen: 157.056 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 182578

Ion Ratio Lower Upper

173 100

175 48.1 24.7 74.1

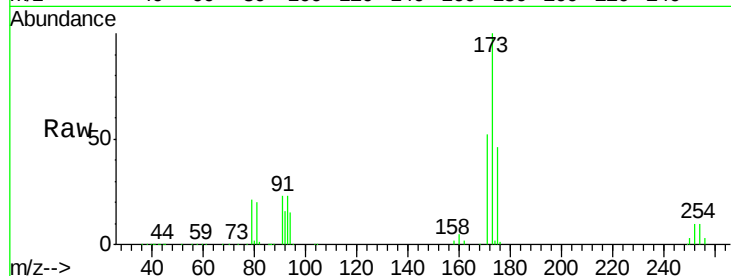
254 0.0 0.0 0.0#

Manual Integrations

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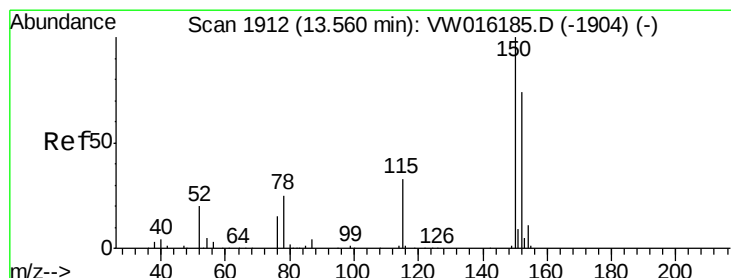
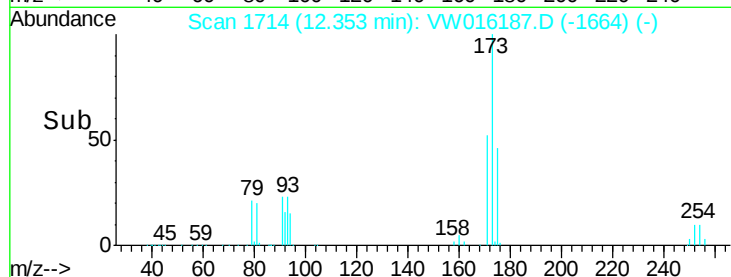
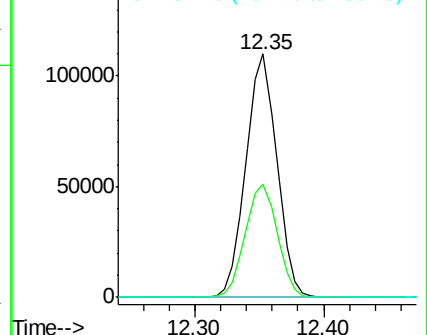
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

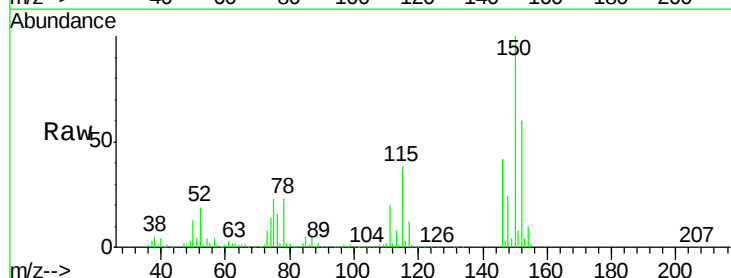
Tgt Ion:152 Resp: 170355

Ion Ratio Lower Upper

152 100

115 62.5 30.9 92.5

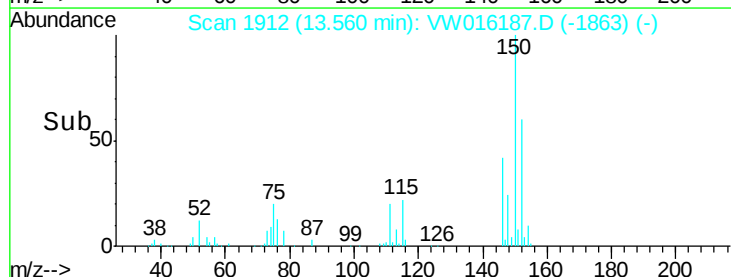
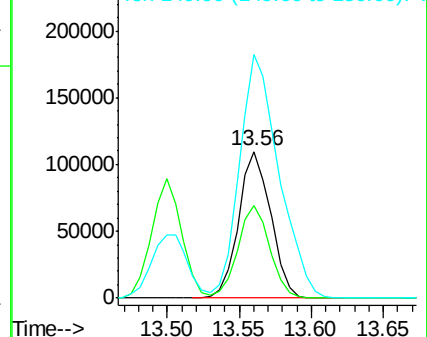
150 202.9 0.0 337.8

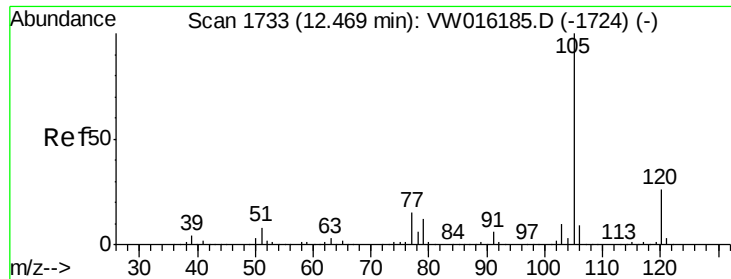


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





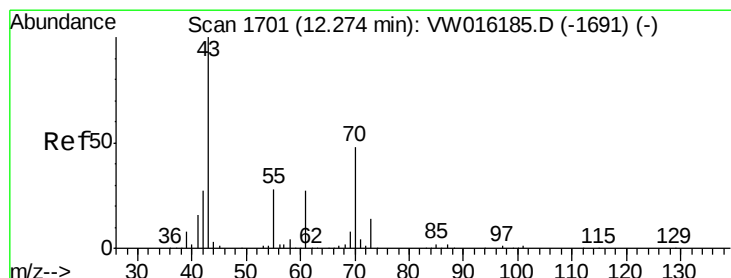
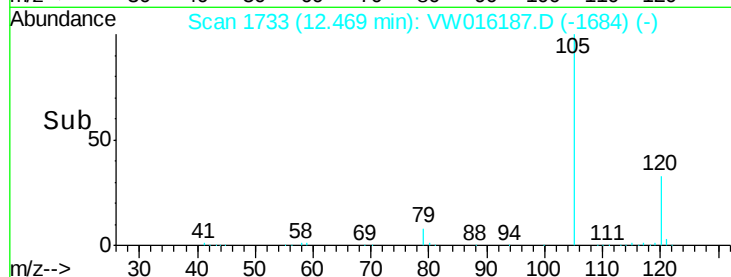
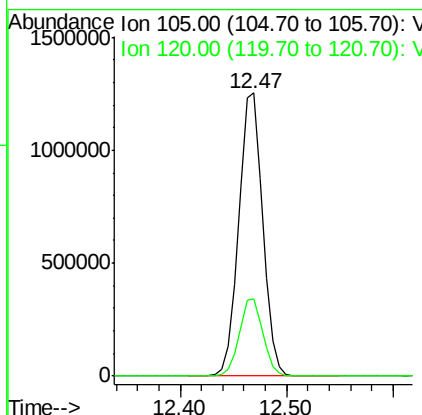
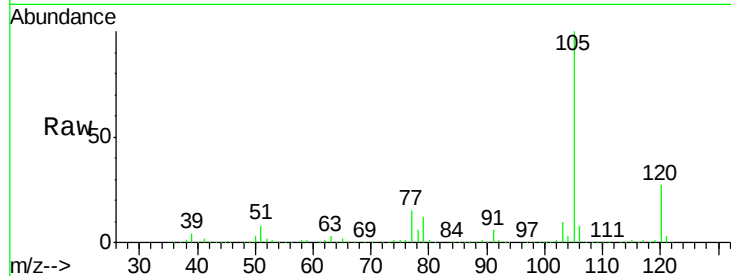
#73
Isopropylbenzene
Concen: 163.717 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion:105 Resp: 1979894
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6

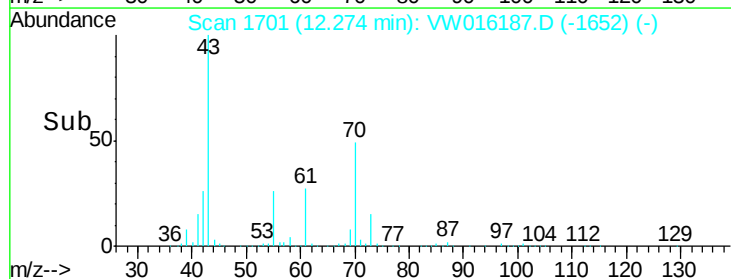
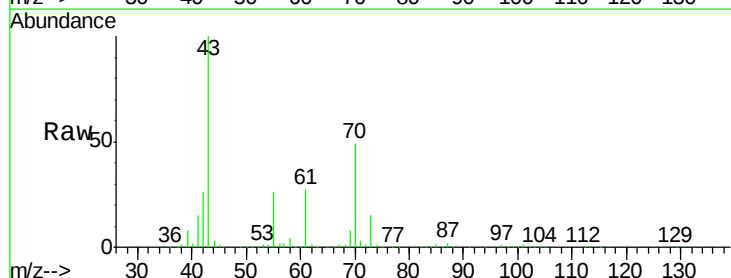
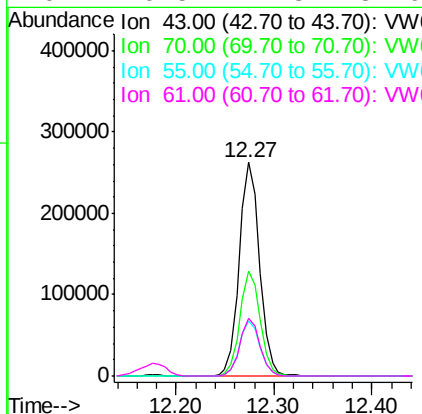
Manual Integrations
APPROVED

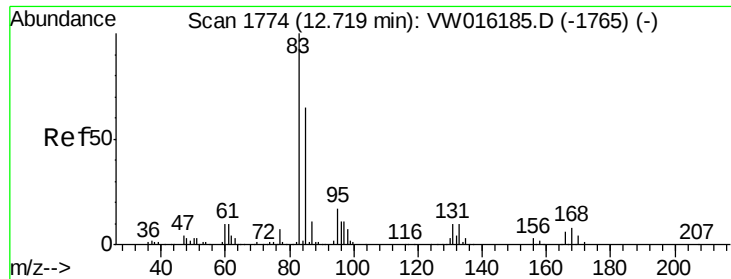
MMDadoda
8/17/2020 5:46:31 PM



#74
N-ethyl acetate
Concen: 149.445 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion: 43 Resp: 378411
Ion Ratio Lower Upper
43 100
70 48.8 38.6 58.0
55 26.5 22.2 33.2
61 26.5 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 158.444 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

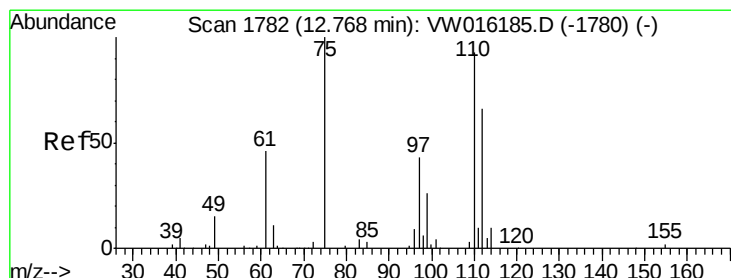
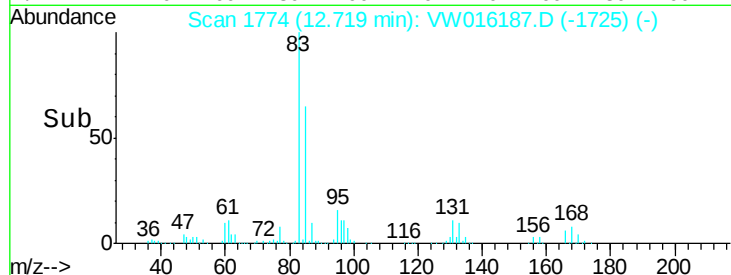
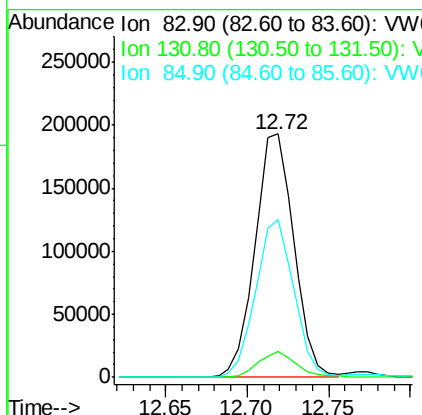
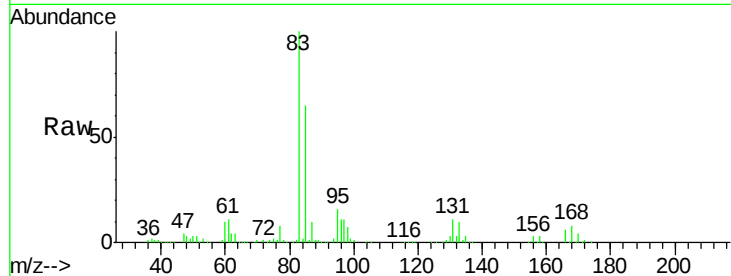
ClientSampleId :

VSTDICC150

Tot Ion:	83	Resp:	320651
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.6	16.8
85	63.8	31.3	93.9

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#76

1,2,3-Trichloropropane

Concen: 150.458 ug/l m

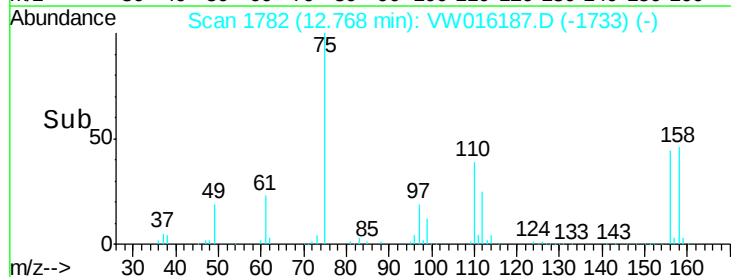
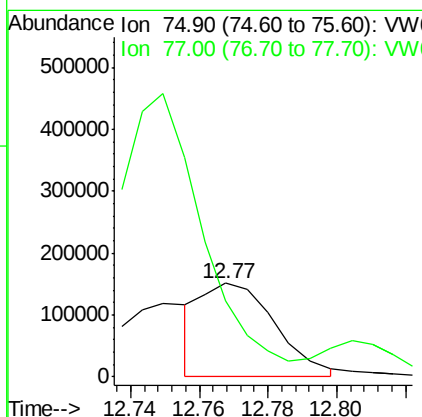
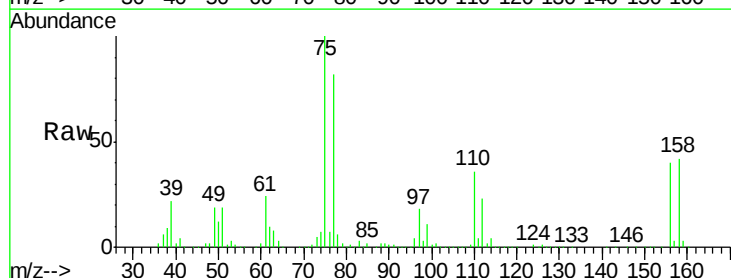
RT: 12.77 min Scan# 1782

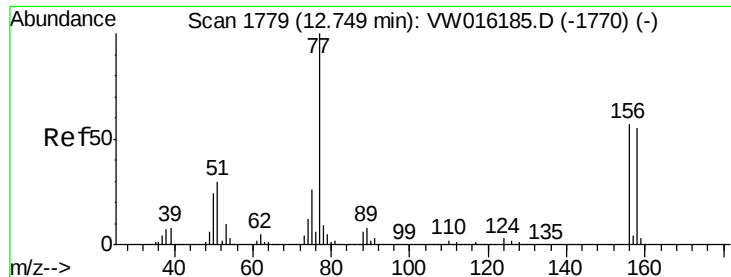
Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Tgt Ion:	75	Resp:	226909
Ion Ratio	Lower	Upper	
75	100		
77	361.8	173.6	520.6





#77

Bromobenzene

Concen: 158.045 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

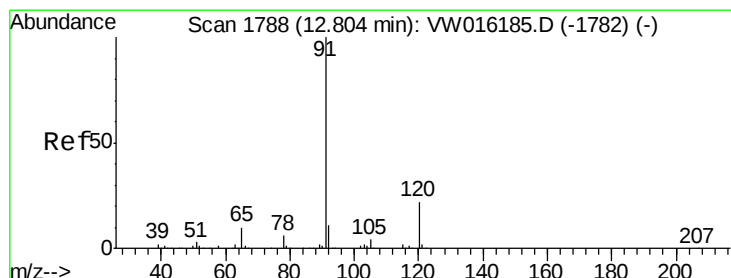
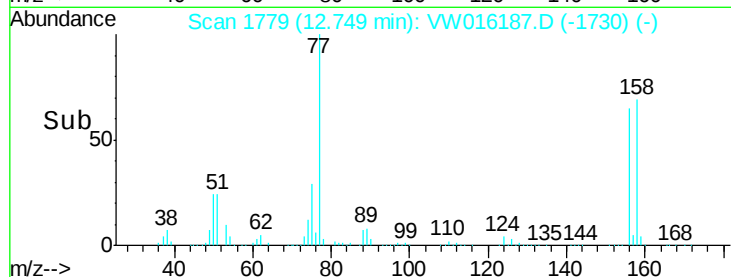
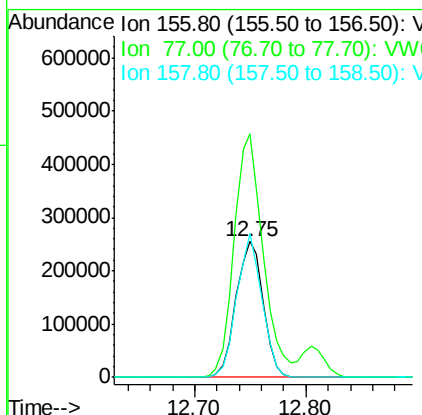
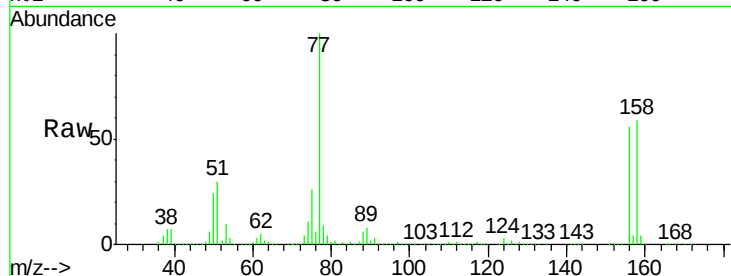
ClientSampled :

VSTDIC150

Tot Ion:	156	Resp:	427508
Ion Ratio	Lower	Upper	
156	100		
77	192.0	97.9	293.6
158	98.3	49.0	147.2

Manual Integrations
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#78

n-propylbenzene

Concen: 158.515 ug/l

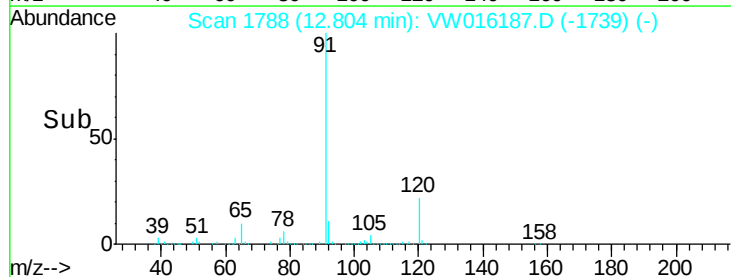
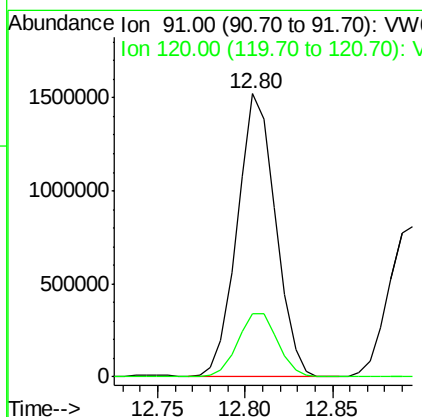
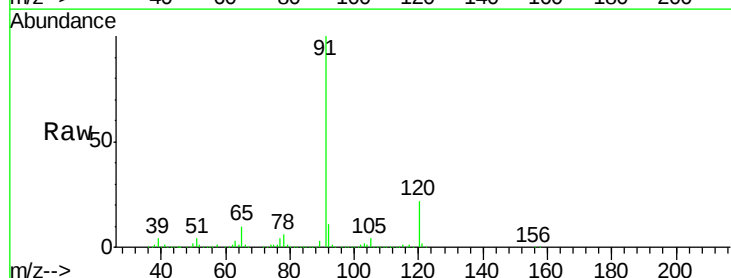
RT: 12.80 min Scan# 1788

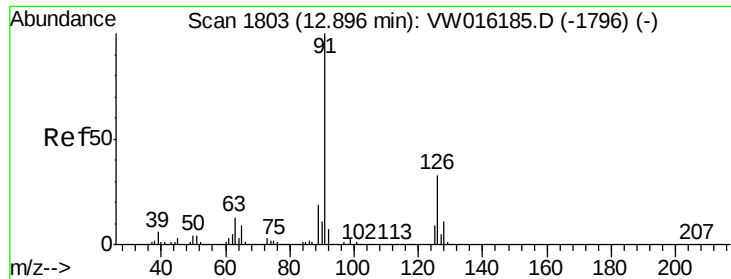
Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Tgt Ion:	91	Resp:	2318461
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.6	34.7





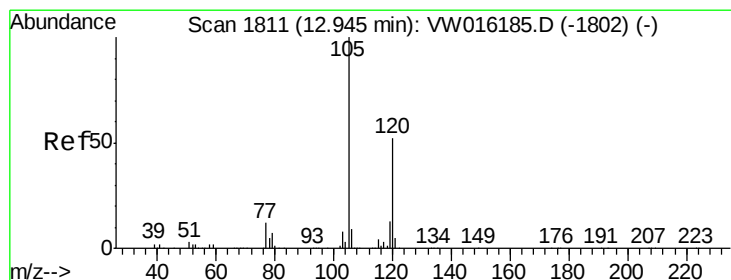
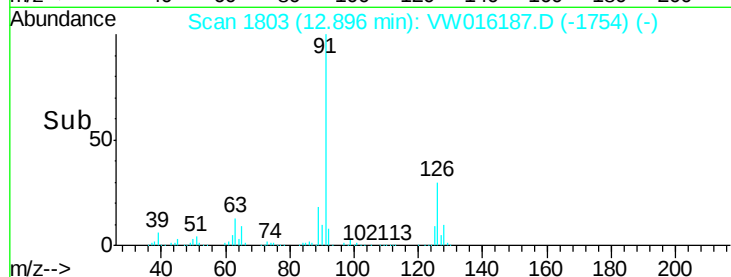
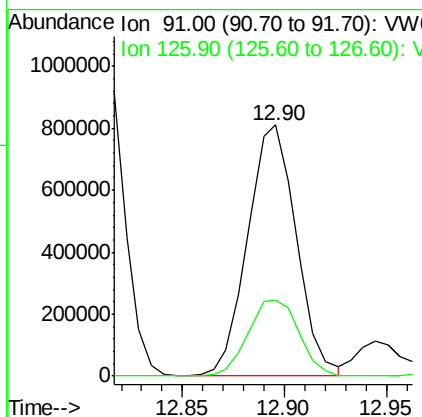
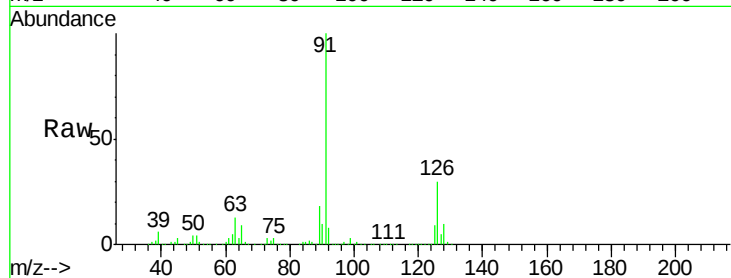
#79
2-Chlorotoluene
Concen: 160.617 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion: 91 Resp: 1341449
Ion Ratio Lower Upper
91 100
126 32.0 16.4 49.2

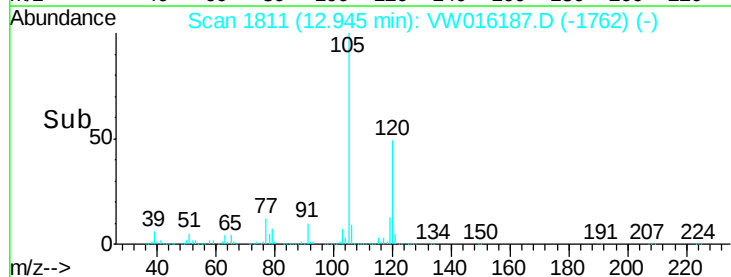
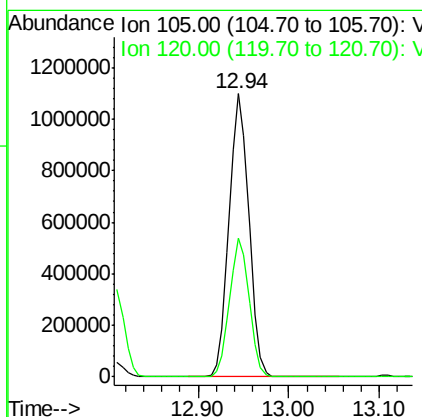
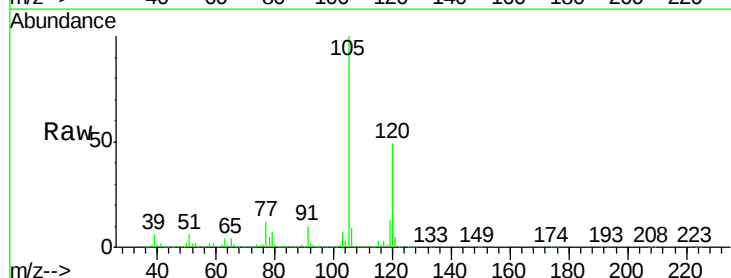
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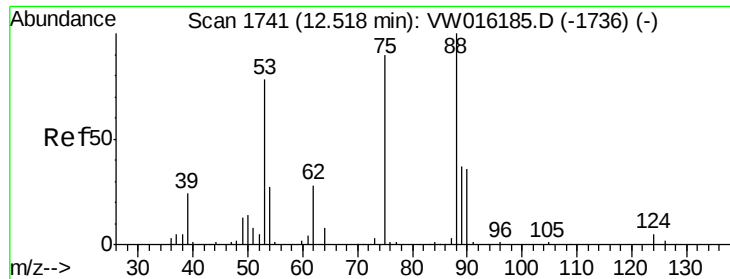
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#80
1,3,5-Trimethylbenzene
Concen: 161.351 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion:105 Resp: 1666511
Ion Ratio Lower Upper
105 100
120 48.6 25.1 75.2





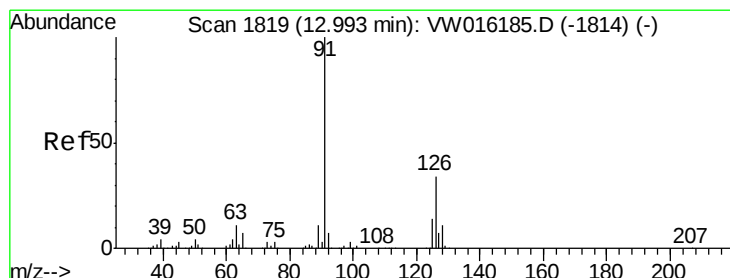
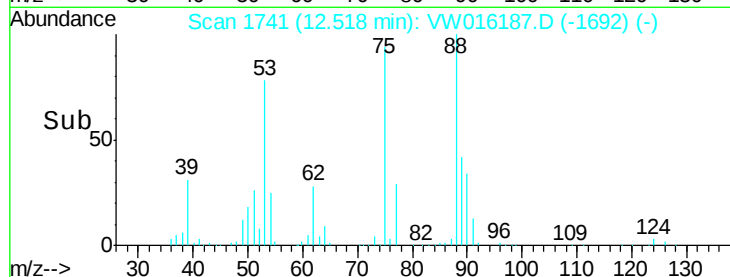
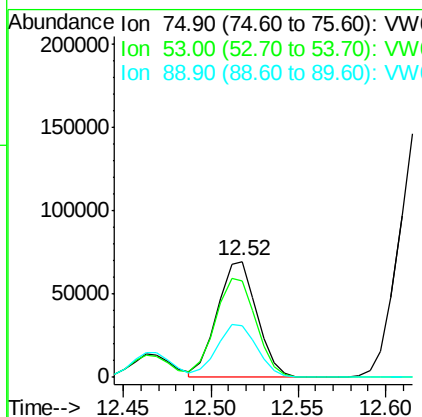
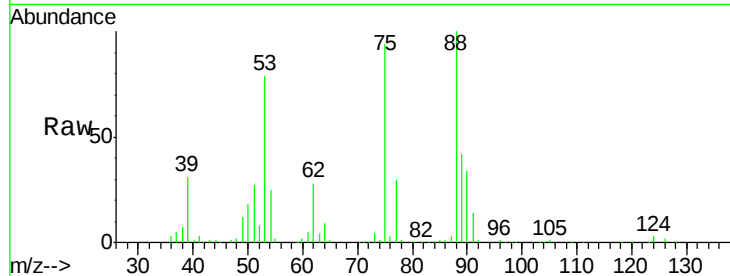
#81
trans-1,4-Dichloro-2-butene
Concen: 182.253 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.1	74.6	111.8
89	46.8	37.2	55.8

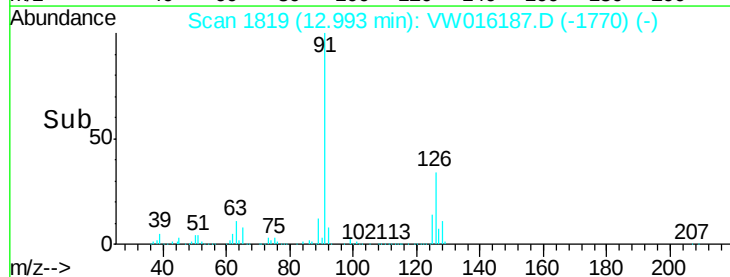
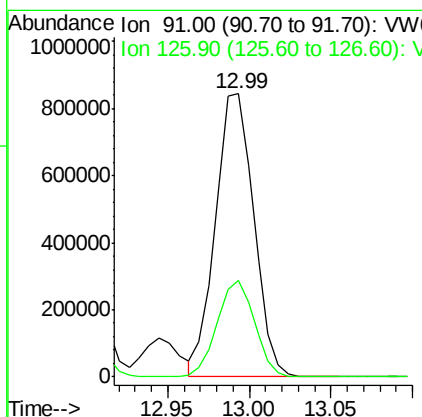
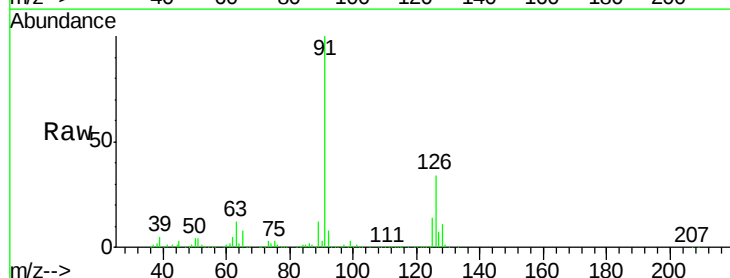
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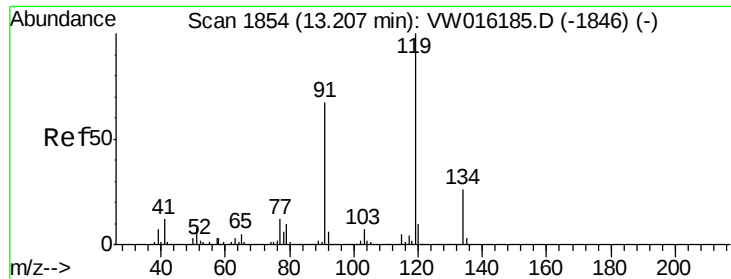
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#82
4-Chlorotoluene
Concen: 158.278 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.6	49.8





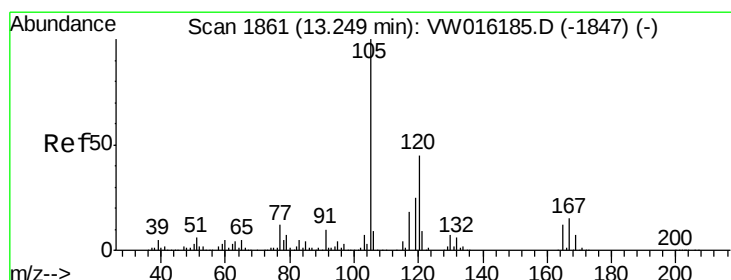
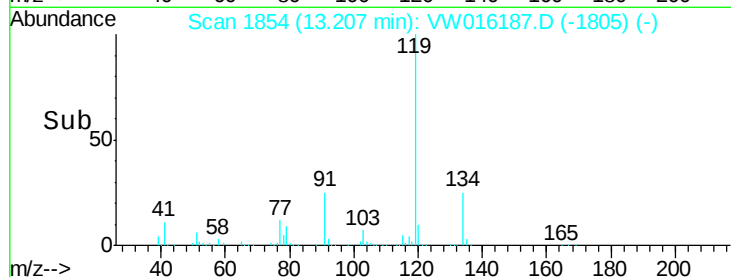
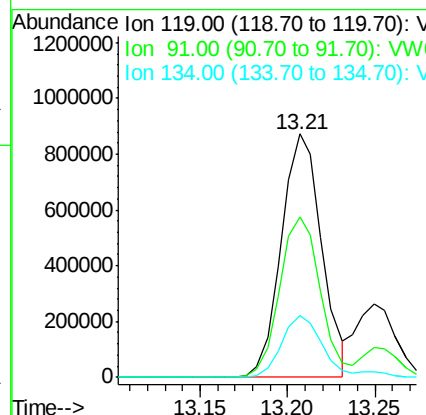
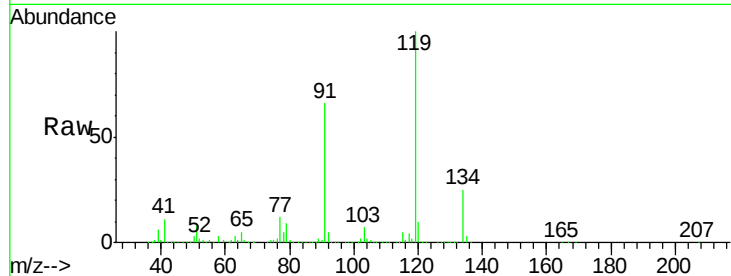
#83
tert-Butylbenzene
Concen: 164.287 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.8	33.3	99.9
134	27.1	13.5	40.5

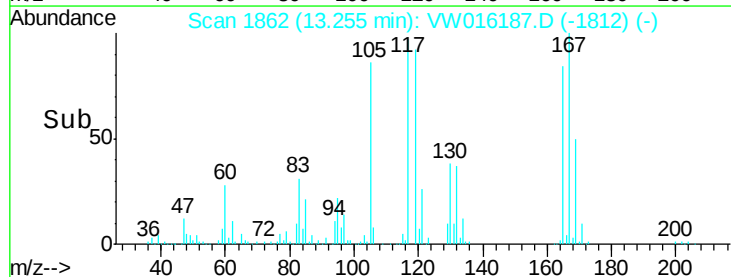
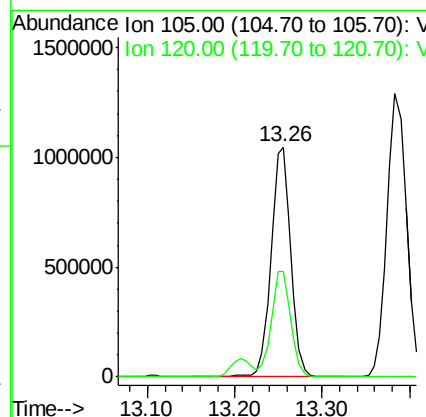
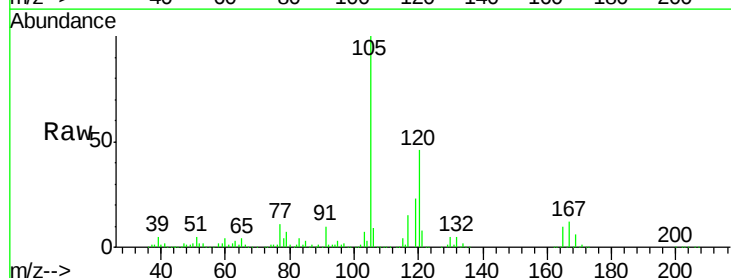
Manual Integrations
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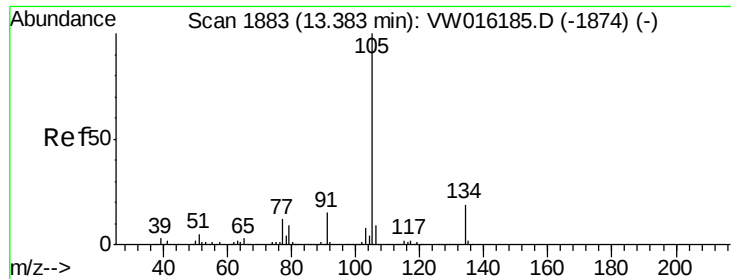
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#84
1,2,4-Trimethylbenzene
Concen: 160.420 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.2	66.6





#85

sec-Butylbenzene

Concen: 160.466 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

Tot Ion:105 Resp: 1984557

Ion Ratio Lower Upper

105 100

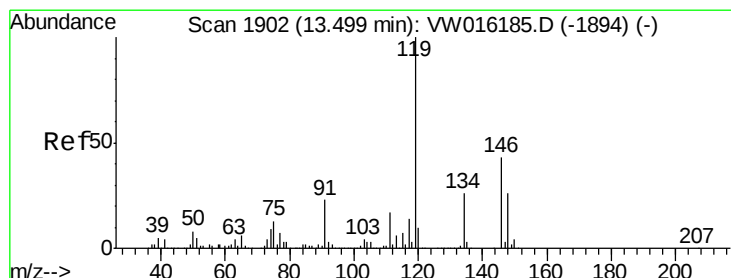
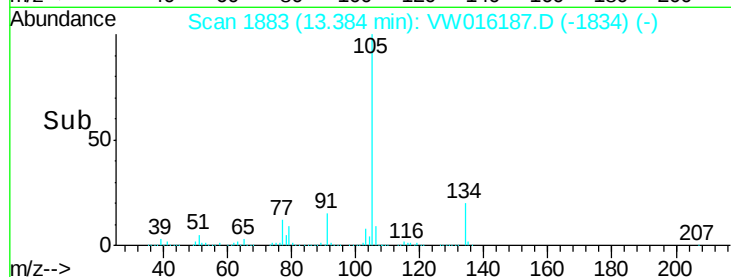
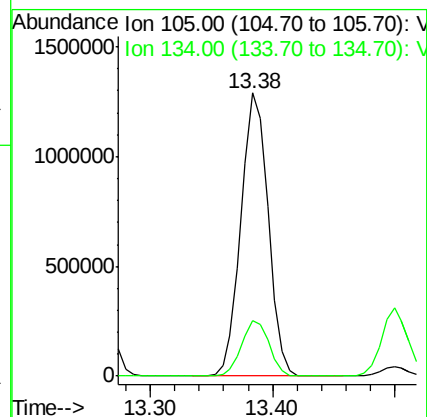
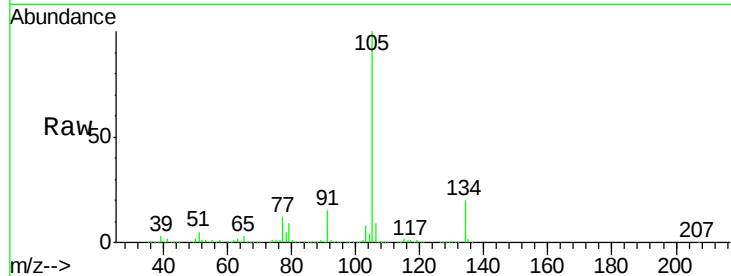
134 19.8 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 158.617 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

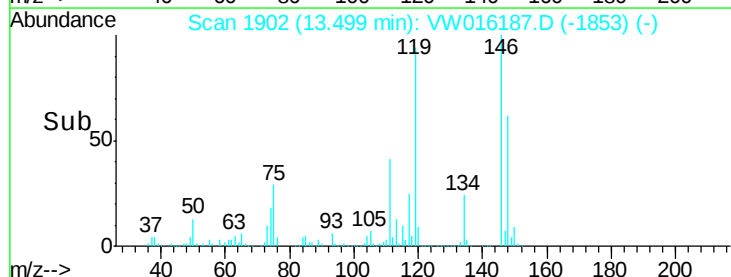
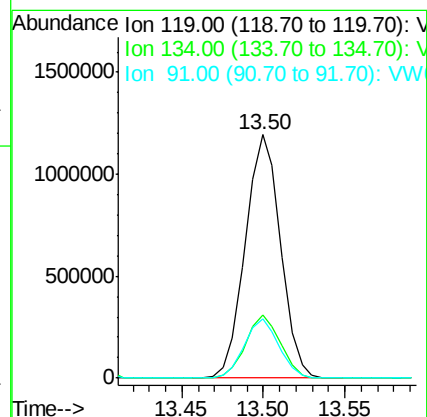
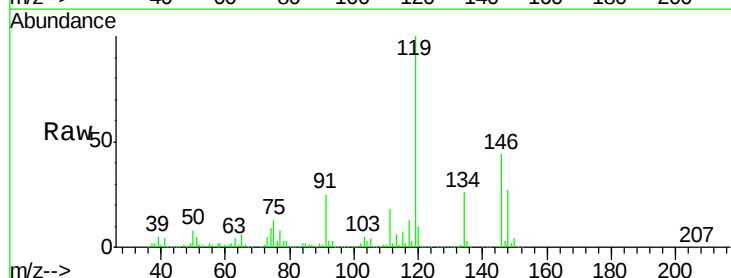
Tgt Ion:119 Resp: 1791452

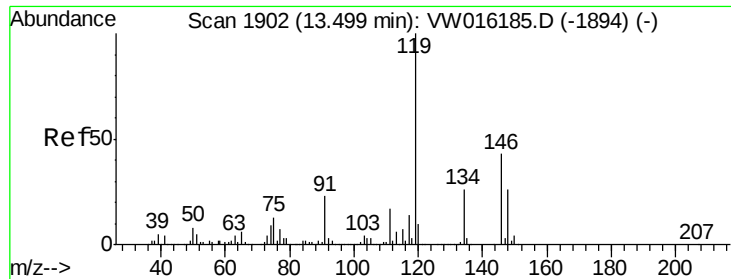
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

91 23.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 153.112 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

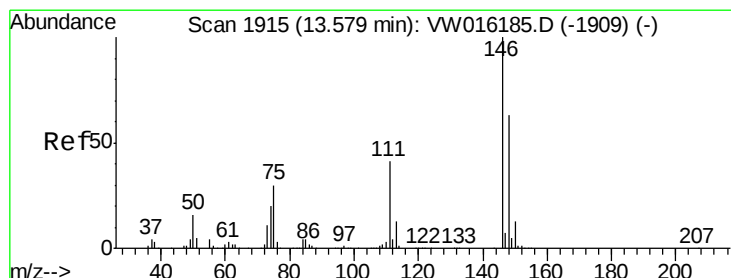
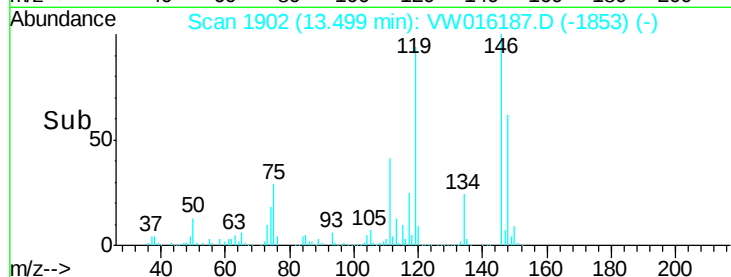
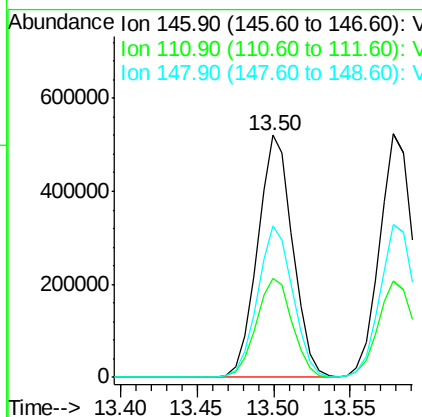
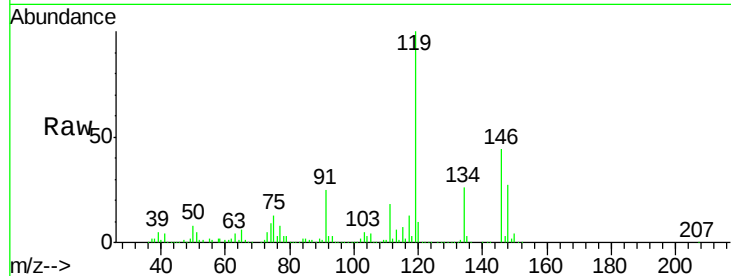
ClientSampled :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100	831808		
111	41.8	20.8	62.5	
148	62.8	31.1	93.5	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 152.552 ug/l

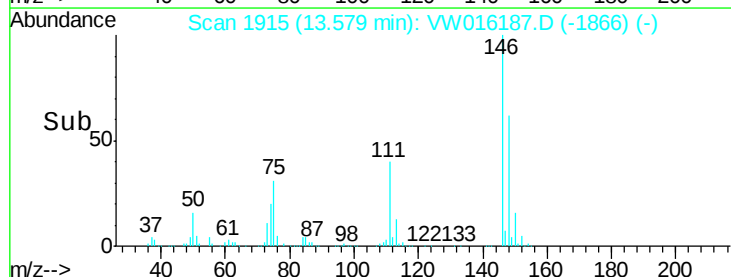
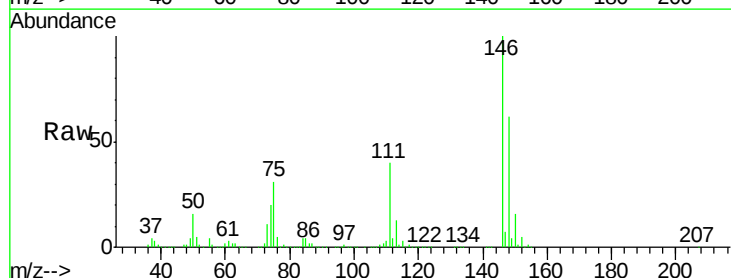
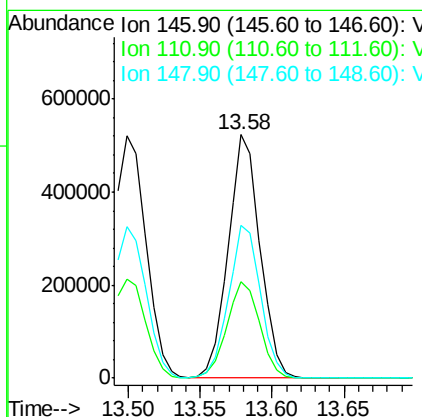
RT: 13.58 min Scan# 1915

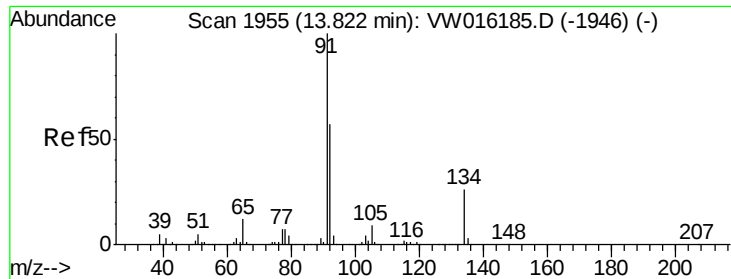
Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	809732		
111	40.6	20.8	62.2	
148	62.9	32.1	96.3	





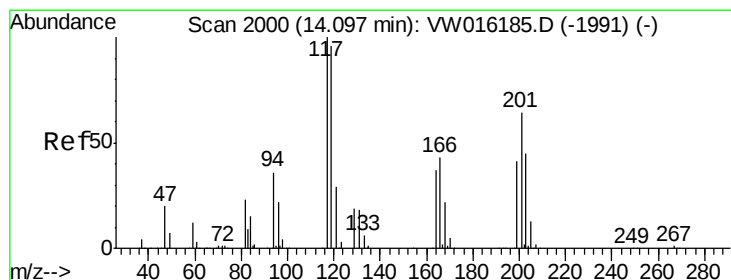
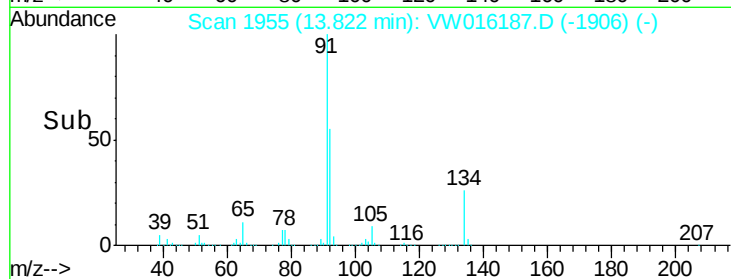
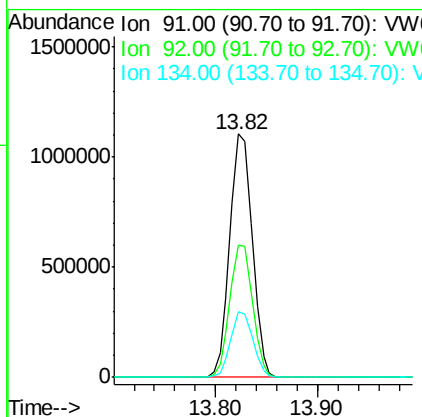
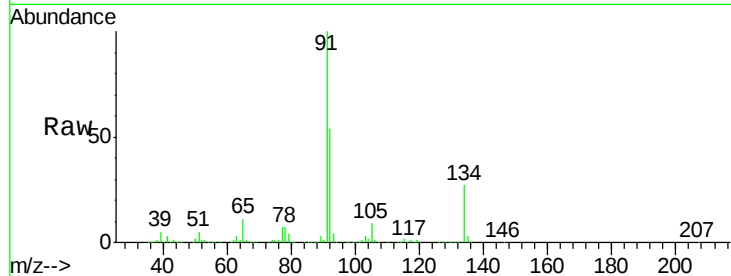
#89
n-Butylbenzene
Concen: 156.882 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1681766
Ion Ratio Lower Upper
91 100
92 55.1 27.4 82.2
134 26.6 13.0 39.0

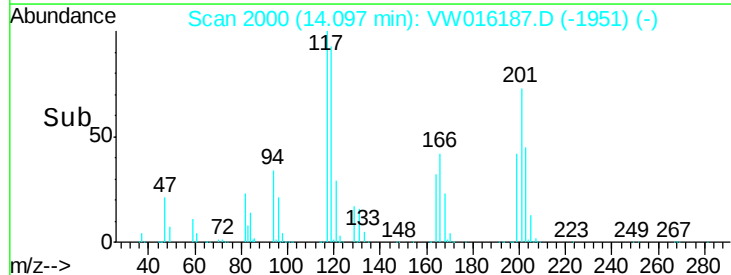
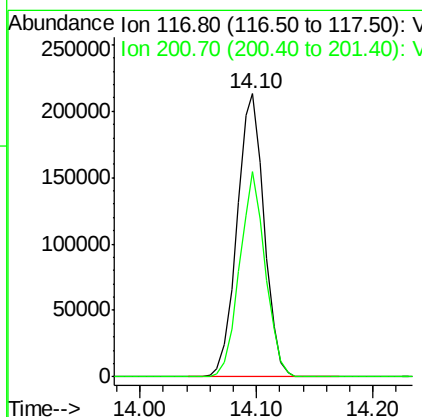
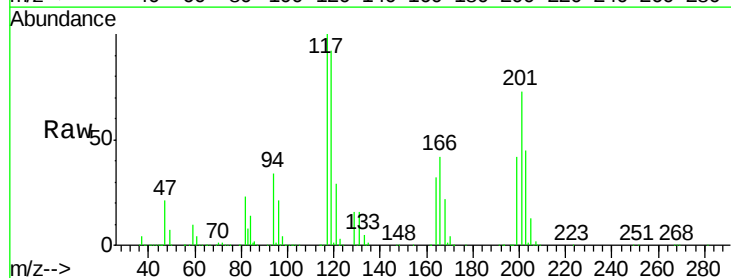
Manual Integrations
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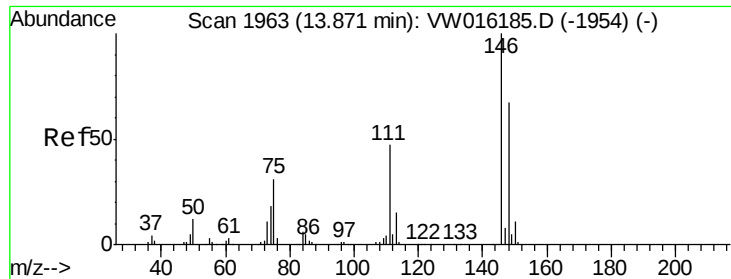
MMDadoda
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#90
Hexachloroethane
Concen: 169.067 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion: 117 Resp: 344837
Ion Ratio Lower Upper
117 100
201 68.9 33.8 101.3





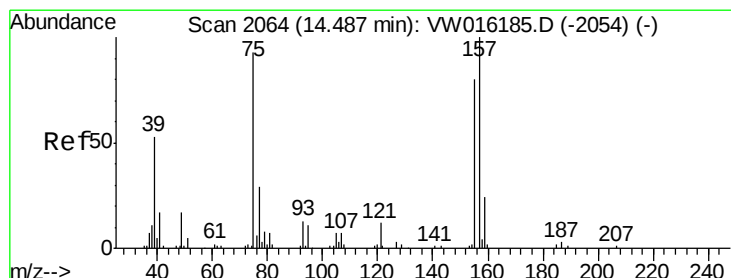
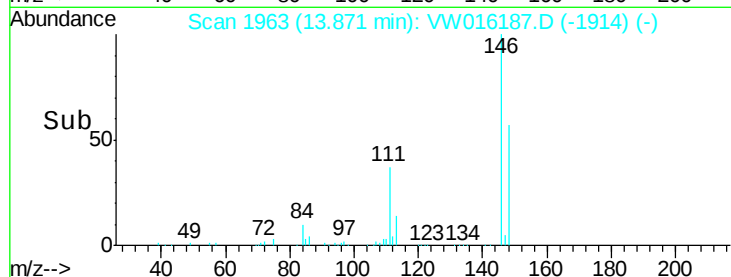
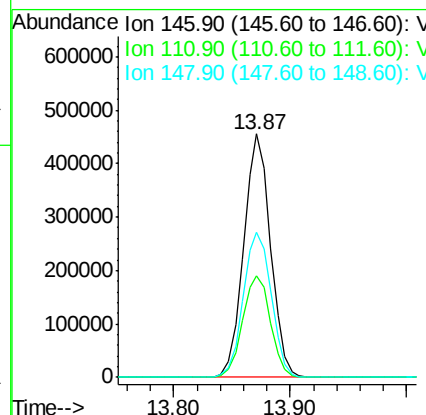
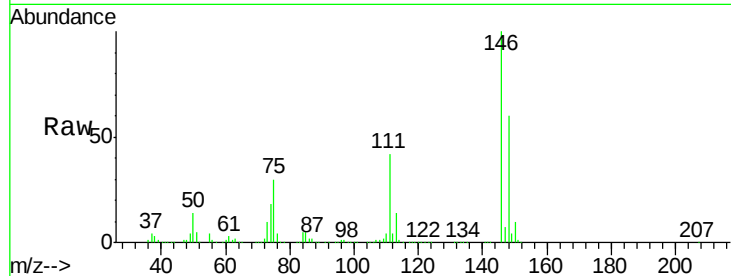
#91
 1,2-Dichlorobenzene
 Concen: 155.448 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.9	65.8
148	62.7	32.1	96.3

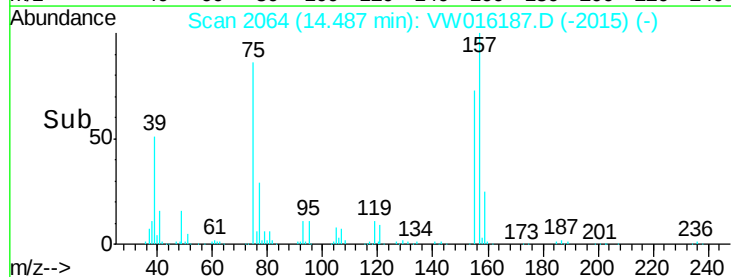
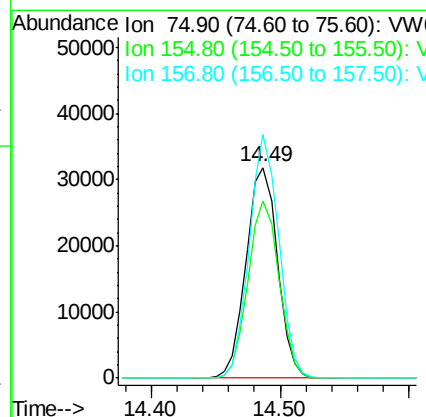
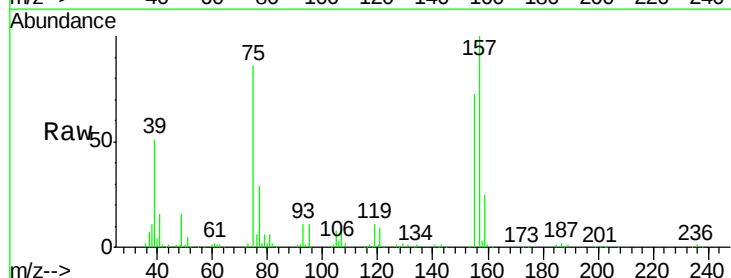
Manual Integrations
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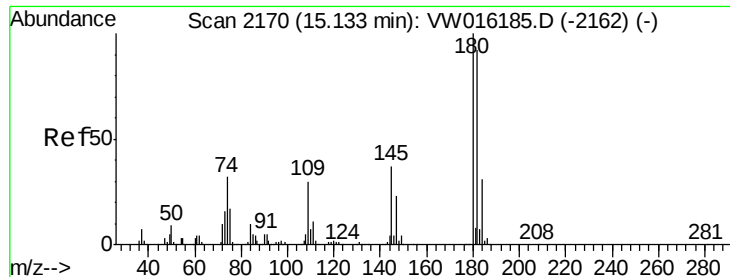
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 166.310 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.7	41.3	124.1
157	108.1	53.0	159.0





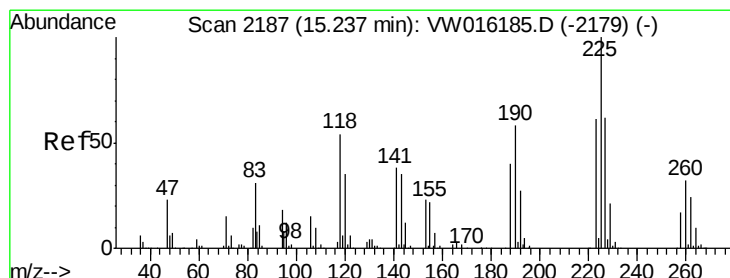
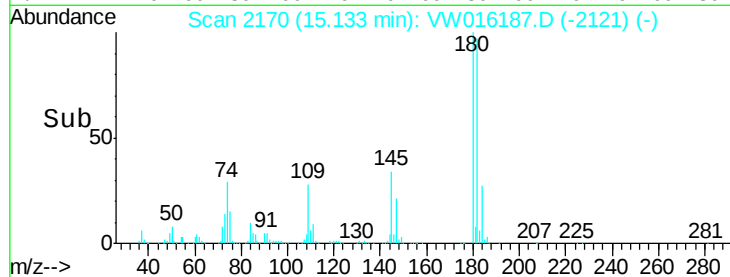
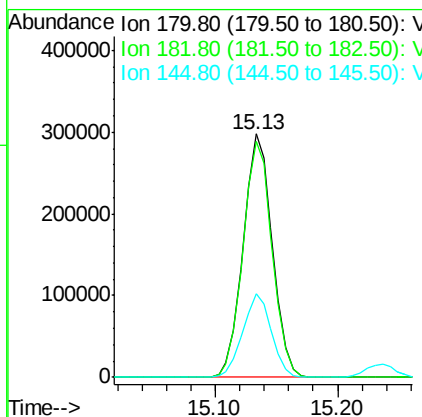
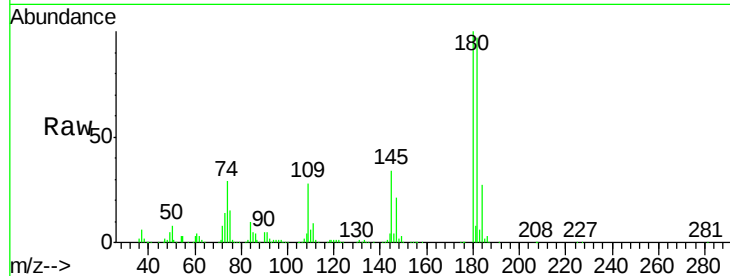
#93
 1,2,4-Trichlorobenzene
 Concen: 166.479 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	489944		
182	97.5	46.0	138.0	
145	33.7	16.9	50.7	

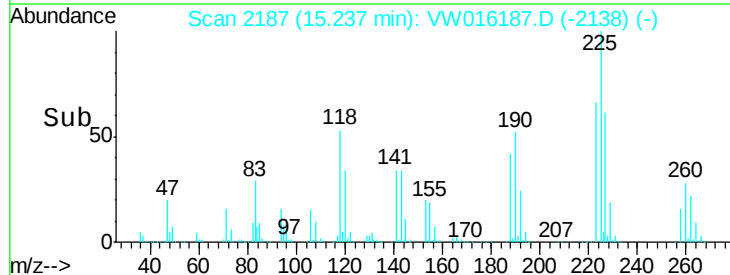
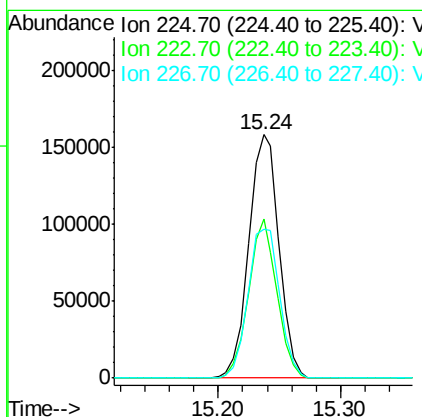
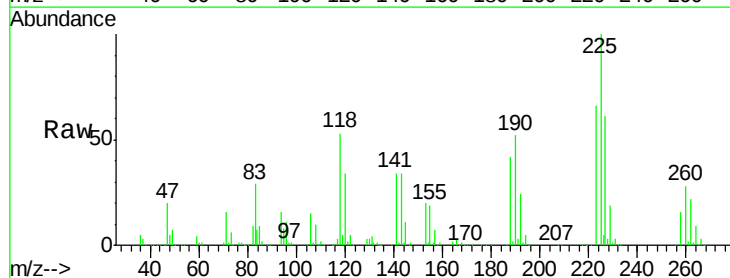
Manual Integrations
 APPROVED

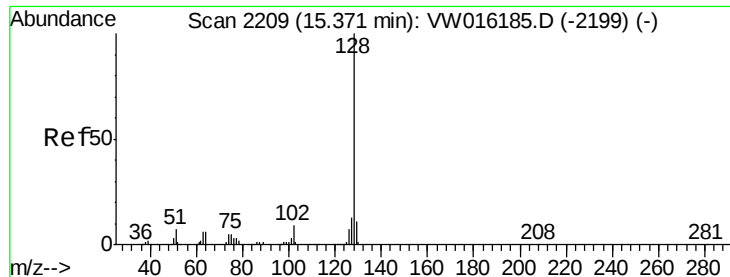
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#94
 Hexachlorobutadiene
 Concen: 147.736 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	271230		
223	61.1	33.0	99.0	
227	64.6	32.0	96.2	





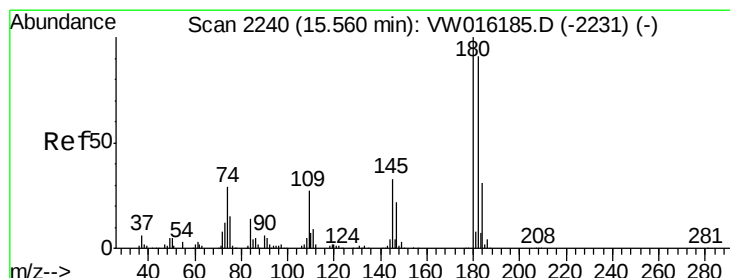
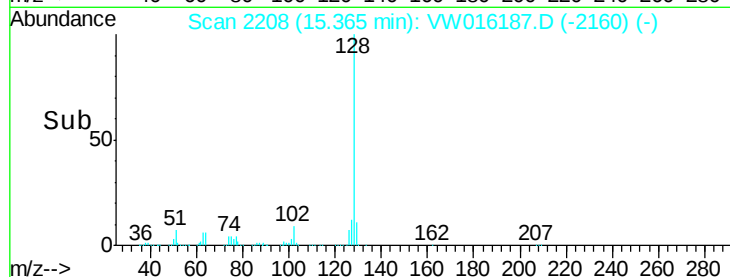
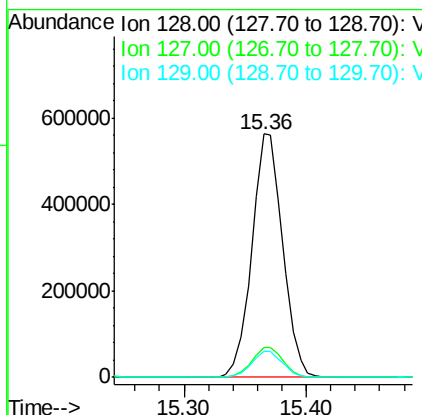
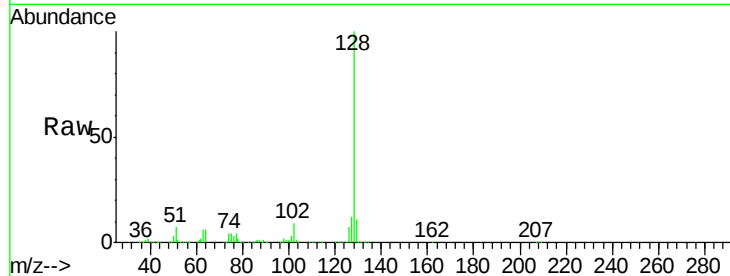
#95
Naphthalene
Concen: 195.152 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:	128	Resp:	986477
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 162.476 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion:	180	Resp:	411719
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.7	143.1
145	37.1	17.4	52.3

